

## Cover Page

**Order ID :** Q1937

**Project ID :** Stan Hope

**Client :** Saxton Falls Sand and Gravel Co. Inc.

### Lab Sample Number

Q1937-01  
Q1937-02  
Q1937-03  
Q1937-04  
Q1937-05  
Q1937-06  
Q1937-07  
Q1937-08  
Q1937-09  
Q1937-10  
Q1937-11  
Q1937-12

### Client Sample Number

LARGE-PILE-A  
LARGE-PILE-A  
LARGE-PILE-B  
LARGE-PILE-B  
LARGE-PILE-C  
LARGE-PILE-C  
LARGE-PILE-D  
LARGE-PILE-D  
LARGE-PILE-E  
LARGE-PILE-E  
LARGE-PILE-F  
LARGE-PILE-F

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: 5/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q1937

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: PRATIK PATEL

Date: 05/07/2025

## LAB CHRONICLE

|                 |                                       |                   |                      |
|-----------------|---------------------------------------|-------------------|----------------------|
| <b>OrderID:</b> | Q1937                                 | <b>OrderDate:</b> | 5/1/2025 2:03:00 PM  |
| <b>Client:</b>  | Saxton Falls Sand and Gravel Co. Inc. | <b>Project:</b>   | Stan Hope            |
| <b>Contact:</b> | Rich Schindelar                       | <b>Location:</b>  | L41,VOA Ref. #2 Soil |

| LabID           | ClientID            | Matrix       | Test          | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|---------------------|--------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1937-01</b> | <b>LARGE-PILE-A</b> | <b>SOIL</b>  |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                     |              | PCB           | 8082A  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                     |              | Pesticide-TCL | 8081B  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1937-02</b> | <b>LARGE-PILE-A</b> | <b>Solid</b> |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                     |              | EPH_NF        | NJEPH  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1937-03</b> | <b>LARGE-PILE-B</b> | <b>SOIL</b>  |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                     |              | PCB           | 8082A  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                     |              | Pesticide-TCL | 8081B  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1937-04</b> | <b>LARGE-PILE-B</b> | <b>Solid</b> |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                     |              | EPH_NF        | NJEPH  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1937-05</b> | <b>LARGE-PILE-C</b> | <b>SOIL</b>  |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                     |              | PCB           | 8082A  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                     |              | Pesticide-TCL | 8081B  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1937-06</b> | <b>LARGE-PILE-C</b> | <b>Solid</b> |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                     |              | EPH_NF        | NJEPH  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1937-07</b> | <b>LARGE-PILE-D</b> | <b>SOIL</b>  |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                     |              | PCB           | 8082A  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                     |              | Pesticide-TCL | 8081B  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1937-08</b> | <b>LARGE-PILE-D</b> | <b>Solid</b> |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                     |              | EPH_NF        | NJEPH  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1937-09</b> | <b>LARGE-PILE-E</b> | <b>SOIL</b>  |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                     |              | PCB           | 8082A  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                     |              | Pesticide-TCL | 8081B  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1937-10</b> | <b>LARGE-PILE-E</b> | <b>Solid</b> |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |



### LAB CHRONICLE

|          |              |       |               |       |  |          |          |          |
|----------|--------------|-------|---------------|-------|--|----------|----------|----------|
| Q1937-11 | LARGE-PILE-F | SOIL  | EPH_NF        | NJEPH |  | 05/05/25 | 05/05/25 | 05/01/25 |
|          |              |       | PCB           | 8082A |  | 05/05/25 | 05/05/25 |          |
| Q1937-12 | LARGE-PILE-F | Solid | Pesticide-TCL | 8081B |  | 05/05/25 | 05/05/25 | 05/01/25 |
|          |              |       |               |       |  |          |          |          |
|          |              |       | EPH_NF        | NJEPH |  | 05/05/25 | 05/05/25 |          |

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### Hit Summary Sheet SW-846

SDG No.: Q1937

Order ID: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Project ID: Stan Hope

| Sample ID                | Client ID    | Matrix | Parameter          | Concentration | C  | MDL  | RDL  | Units |
|--------------------------|--------------|--------|--------------------|---------------|----|------|------|-------|
| Client ID : LARGE-PILE-D |              |        |                    |               |    |      |      |       |
| Q1937-07                 | LARGE-PILE-D | SOIL   | Dieldrin           | 0.20          | J  | 0.15 | 1.80 | ug/kg |
| Q1937-07                 | LARGE-PILE-D | SOIL   | 4,4-DDE            | 0.19          | J  | 0.15 | 1.80 | ug/kg |
| Q1937-07                 | LARGE-PILE-D | SOIL   | Endosulfan Sulfate | 0.51          | J  | 0.14 | 1.80 | ug/kg |
| Total Concentration:     |              |        |                    | 0.900         |    |      |      |       |
| Client ID : LARGE-PILE-E |              |        |                    |               |    |      |      |       |
| Q1937-09                 | LARGE-PILE-E | SOIL   | Dieldrin           | 0.31          | JP | 0.15 | 1.80 | ug/kg |
| Q1937-09                 | LARGE-PILE-E | SOIL   | 4,4-DDE            | 0.26          | J  | 0.15 | 1.80 | ug/kg |
| Q1937-09                 | LARGE-PILE-E | SOIL   | Endrin             | 0.35          | JP | 0.15 | 1.80 | ug/kg |
| Q1937-09                 | LARGE-PILE-E | SOIL   | Endosulfan Sulfate | 0.84          | J  | 0.14 | 1.80 | ug/kg |
| Q1937-09                 | LARGE-PILE-E | SOIL   | alpha-Chlordane    | 0.63          | JP | 0.13 | 1.80 | ug/kg |
| Q1937-09                 | LARGE-PILE-E | SOIL   | gamma-Chlordane    | 0.26          | J  | 0.16 | 1.80 | ug/kg |
| Total Concentration:     |              |        |                    | 2.650         |    |      |      |       |
| Client ID : LARGE-PILE-F |              |        |                    |               |    |      |      |       |
| Q1937-11                 | LARGE-PILE-F | SOIL   | Dieldrin           | 0.26          | J  | 0.16 | 1.90 | ug/kg |
| Q1937-11                 | LARGE-PILE-F | SOIL   | 4,4-DDE            | 0.36          | J  | 0.16 | 1.90 | ug/kg |
| Q1937-11                 | LARGE-PILE-F | SOIL   | Endrin             | 0.27          | J  | 0.16 | 1.90 | ug/kg |
| Q1937-11                 | LARGE-PILE-F | SOIL   | Endosulfan Sulfate | 0.68          | JP | 0.14 | 1.90 | ug/kg |
| Total Concentration:     |              |        |                    | 1.570         |    |      |      |       |



# QC SUMMARY

### Surrogate Summary

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: 8081B

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits  |           |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|---------|-----------|
|                  |                  |                      |        |       |        |     |      | Low     | High      |
| I.BLK-PL095326.D | PIBLK-PL095326.D | Decachlorobiphenyl   | 1      | 20    | 18.9   | 94  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 17.3   | 87  |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 18.2   | 91  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.1   | 86  |      | 30 (77) | 150 (126) |
| I.BLK-PL095528.D | PIBLK-PL095528.D | Decachlorobiphenyl   | 1      | 20    | 19.5   | 98  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 17.4   | 87  |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.6   | 103 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.6   | 108 |      | 30 (77) | 150 (126) |
| PB167854BL       | PB167854BL       | Decachlorobiphenyl   | 1      | 20    | 21.7   | 109 |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 20.1   | 101 |      | 30 (19) | 150 (148) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 24.0   | 120 |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 24.6   | 123 |      | 30 (19) | 150 (148) |
| PB167854BS       | PB167854BS       | Decachlorobiphenyl   | 1      | 20    | 20.6   | 103 |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 18.1   | 91  |      | 30 (19) | 150 (148) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 22.6   | 113 |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 23.6   | 118 |      | 30 (19) | 150 (148) |
| Q1936-01MS       | SMALL-PILE-AMS   | Decachlorobiphenyl   | 1      | 20    | 11.9   | 60  |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 12.3   | 61  |      | 30 (19) | 150 (148) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 14.5   | 72  |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 16.6   | 83  |      | 30 (19) | 150 (148) |
| Q1936-01MSD      | SMALL-PILE-AMSD  | Decachlorobiphenyl   | 1      | 20    | 12.3   | 62  |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 11.8   | 59  |      | 30 (19) | 150 (148) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 13.6   | 68  |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 15.3   | 77  |      | 30 (19) | 150 (148) |
| Q1937-01         | LARGE-PILE-A     | Decachlorobiphenyl   | 1      | 20    | 14.2   | 71  |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 14.3   | 72  |      | 30 (19) | 150 (148) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 15.9   | 80  |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.6   | 93  |      | 30 (19) | 150 (148) |
| I.BLK-PL095545.D | PIBLK-PL095545.D | Decachlorobiphenyl   | 1      | 20    | 17.4   | 87  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 16.8   | 84  |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 19.7   | 99  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.9   | 105 |      | 30 (77) | 150 (126) |
| Q1937-03         | LARGE-PILE-B     | Decachlorobiphenyl   | 1      | 20    | 21.3   | 106 |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 19.4   | 97  |      | 30 (19) | 150 (148) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 22.3   | 111 |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 23.1   | 115 |      | 30 (19) | 150 (148) |
| Q1937-05         | LARGE-PILE-C     | Decachlorobiphenyl   | 1      | 20    | 22.1   | 111 |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 20.0   | 100 |      | 30 (19) | 150 (148) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 24.1   | 120 |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 24.0   | 120 |      | 30 (19) | 150 (148) |
| Q1937-07         | LARGE-PILE-D     | Decachlorobiphenyl   | 1      | 20    | 18.6   | 93  |      | 30 (20) | 150 (144) |

() = LABORATORY INHOUSE LIMIT

### Surrogate Summary

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: 8081B

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits  |           |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|---------|-----------|
|                  |                  |                      |        |       |        |     |      | Low     | High      |
| Q1937-07         | LARGE-PILE-D     | Tetrachloro-m-xylene | 1      | 20    | 20.2   | 101 |      | 30 (19) | 150 (148) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.0   | 100 |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 23.0   | 115 |      | 30 (19) | 150 (148) |
| Q1937-09         | LARGE-PILE-E     | Decachlorobiphenyl   | 1      | 20    | 18.6   | 93  |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 20.3   | 102 |      | 30 (19) | 150 (148) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 19.2   | 96  |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 22.5   | 113 |      | 30 (19) | 150 (148) |
| Q1937-11         | LARGE-PILE-F     | Decachlorobiphenyl   | 1      | 20    | 14.9   | 74  |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 18.6   | 93  |      | 30 (19) | 150 (148) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.4   | 82  |      | 30 (20) | 150 (144) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.1   | 101 |      | 30 (19) | 150 (148) |
| I.BLK-PL095557.D | PIBLK-PL095557.D | Decachlorobiphenyl   | 1      | 20    | 17.1   | 85  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 16.7   | 84  |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 17.5   | 87  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.6   | 103 |      | 30 (77) | 150 (126) |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: 8081B

DataFile : PL095539.D

| Lab Sample ID:                  | Parameter           | Spike | Sample |        | Units | Rec | Rec  |     | RPD  |         | Limits    |     |
|---------------------------------|---------------------|-------|--------|--------|-------|-----|------|-----|------|---------|-----------|-----|
|                                 |                     |       | Result | Result |       |     | Qual | RPD | Qual | Low     | High      | RPD |
| Client Sample ID:<br>Q1936-01MS | SMALL-PILE-AMS      |       |        |        |       |     |      |     |      |         |           |     |
|                                 | alpha-BHC           | 18.31 | 0      | 25.7   | ug/kg | 140 |      |     |      | 30 (60) | 150 (144) |     |
|                                 | beta-BHC            | 18.31 | 0      | 22.7   | ug/kg | 124 |      |     |      | 30 (54) | 150 (143) |     |
|                                 | delta-BHC           | 18.31 | 0      | 24.8   | ug/kg | 135 |      |     |      | 30 (29) | 150 (151) |     |
|                                 | gamma-BHC (Lindane) | 18.31 | 0      | 24.4   | ug/kg | 133 |      |     |      | 30 (61) | 150 (140) |     |
|                                 | Heptachlor          | 18.31 | 0      | 23.2   | ug/kg | 127 |      |     |      | 30 (63) | 150 (135) |     |
|                                 | Aldrin              | 18.31 | 0      | 24.8   | ug/kg | 135 |      |     |      | 30 (49) | 150 (139) |     |
|                                 | Heptachlor epoxide  | 18.31 | 0      | 24.1   | ug/kg | 132 |      |     |      | 30 (41) | 150 (156) |     |
|                                 | Endosulfan I        | 18.31 | 0      | 24.3   | ug/kg | 133 |      |     |      | 30 (56) | 150 (142) |     |
|                                 | Dieldrin            | 18.31 | 0      | 24.0   | ug/kg | 131 |      |     |      | 30 (47) | 150 (161) |     |
|                                 | 4,4'-DDE            | 18.31 | 0      | 23.4   | ug/kg | 128 |      |     |      | 30 (55) | 150 (136) |     |
|                                 | Endrin              | 18.31 | 0      | 23.6   | ug/kg | 129 |      |     |      | 30 (57) | 150 (139) |     |
|                                 | Endosulfan II       | 18.31 | 0      | 24.1   | ug/kg | 132 |      |     |      | 30 (40) | 150 (163) |     |
|                                 | 4,4'-DDD            | 18.31 | 0      | 25.0   | ug/kg | 137 |      |     |      | 30 (47) | 150 (163) |     |
|                                 | Endosulfan sulfate  | 18.31 | 0      | 22.7   | ug/kg | 124 |      |     |      | 30 (62) | 150 (139) |     |
|                                 | 4,4'-DDT            | 18.31 | 0      | 22.6   | ug/kg | 123 |      |     |      | 30 (51) | 150 (146) |     |
|                                 | Methoxychlor        | 18.31 | 0      | 21.0   | ug/kg | 115 |      |     |      | 30 (54) | 150 (136) |     |
|                                 | Endrin ketone       | 18.31 | 0      | 25.3   | ug/kg | 138 |      |     |      | 30 (60) | 150 (129) |     |
|                                 | Endrin aldehyde     | 18.31 | 0      | 23.4   | ug/kg | 128 |      |     |      | 30 (59) | 150 (132) |     |
|                                 | alpha-Chlordane     | 18.31 | 0      | 23.6   | ug/kg | 129 |      |     |      | 30 (39) | 150 (166) |     |
|                                 | gamma-Chlordane     | 18.31 | 0      | 23.8   | ug/kg | 130 |      |     |      | 30 (44) | 150 (175) |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: 8081B

DataFile : PL095540.D

| Lab Sample ID:                   | Parameter           | Spike | Sample |       | Units | Rec | Rec  | RPD |         | Limits    |           |         |
|----------------------------------|---------------------|-------|--------|-------|-------|-----|------|-----|---------|-----------|-----------|---------|
|                                  |                     |       | Qual   | RPD   |       |     | Qual | Low | High    | RPD       |           |         |
| Client Sample ID:<br>Q1936-01MSD | SMALL-PILE-AMSD     |       |        |       |       |     |      |     |         |           |           |         |
|                                  | alpha-BHC           | 18.32 | 0      | 24.2  | ug/kg | 132 |      | 6   |         | 30 (60)   | 150 (144) | 30 (20) |
|                                  | beta-BHC            | 18.32 | 0      | 21.1  | ug/kg | 115 |      | 8   |         | 30 (54)   | 150 (143) | 30 (20) |
|                                  | delta-BHC           | 18.32 | 0      | 23.3  | ug/kg | 127 |      | 6   |         | 30 (29)   | 150 (151) | 30 (20) |
|                                  | gamma-BHC (Lindane) | 18.32 | 0      | 22.9  | ug/kg | 125 |      | 6   |         | 30 (61)   | 150 (140) | 30 (20) |
|                                  | Heptachlor          | 18.32 | 0      | 21.9  | ug/kg | 120 |      | 6   |         | 30 (63)   | 150 (135) | 30 (20) |
|                                  | Aldrin              | 18.32 | 0      | 23.3  | ug/kg | 127 |      | 6   |         | 30 (49)   | 150 (139) | 30 (20) |
|                                  | Heptachlor epoxide  | 18.32 | 0      | 22.4  | ug/kg | 122 |      | 8   |         | 30 (41)   | 150 (156) | 30 (20) |
|                                  | Endosulfan I        | 18.32 | 0      | 22.6  | ug/kg | 123 |      | 8   |         | 30 (56)   | 150 (142) | 30 (20) |
|                                  | Dieldrin            | 18.32 | 0      | 22.2  | ug/kg | 121 |      | 8   |         | 30 (47)   | 150 (161) | 30 (20) |
|                                  | 4,4'-DDE            | 18.32 | 0      | 20.2  | ug/kg | 110 |      | 15  |         | 30 (55)   | 150 (136) | 30 (20) |
|                                  | Endrin              | 18.32 | 0      | 19.7  | ug/kg | 108 |      | 18  |         | 30 (57)   | 150 (139) | 30 (20) |
|                                  | Endosulfan II       | 18.32 | 0      | 22.2  | ug/kg | 121 |      | 9   |         | 30 (40)   | 150 (163) | 30 (20) |
|                                  | 4,4'-DDD            | 18.32 | 0      | 23.1  | ug/kg | 126 |      | 8   |         | 30 (47)   | 150 (163) | 30 (20) |
|                                  | Endosulfan sulfate  | 18.32 | 0      | 21.8  | ug/kg | 119 |      | 4   |         | 30 (62)   | 150 (139) | 30 (20) |
|                                  | 4,4'-DDT            | 18.32 | 0      | 19.5  | ug/kg | 106 |      | 15  |         | 30 (51)   | 150 (146) | 30 (20) |
|                                  | Methoxychlor        | 18.32 | 0      | 19.9  | ug/kg | 109 |      | 5   |         | 30 (54)   | 150 (136) | 30 (20) |
|                                  | Endrin ketone       | 18.32 | 0      | 24.1  | ug/kg | 132 |      | 4   |         | 30 (60)   | 150 (129) | 30 (20) |
|                                  | Endrin aldehyde     | 18.32 | 0      | 22.0  | ug/kg | 120 |      | 6   |         | 30 (59)   | 150 (132) | 30 (20) |
|                                  | alpha-Chlordane     | 18.32 | 0      | 22.2  | ug/kg | 121 |      | 6   |         | 30 (39)   | 150 (166) | 30 (20) |
| gamma-Chlordane                  | 18.32               | 0     | 22.6   | ug/kg | 123   |     | 6    |     | 30 (44) | 150 (175) | 30 (20)   |         |

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

SW-846

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: **8081B**

Datafile : PL095532.D

| Lab Sample ID | Parameter           | Spike | Result | Units | Rec | RPD | Qual | RPD  |         | Limits    |     |
|---------------|---------------------|-------|--------|-------|-----|-----|------|------|---------|-----------|-----|
|               |                     |       |        |       |     |     |      | Qual | Low     | High      | RPD |
| PB167854BS    | alpha-BHC           | 16.65 | 20.4   | ug/kg | 123 |     |      |      | 40 (84) | 140 (123) |     |
|               | beta-BHC            | 16.65 | 18.3   | ug/kg | 110 |     |      |      | 40 (82) | 140 (123) |     |
|               | delta-BHC           | 16.65 | 20.0   | ug/kg | 120 |     |      |      | 40 (83) | 140 (126) |     |
|               | gamma-BHC (Lindane) | 16.65 | 19.5   | ug/kg | 117 |     |      |      | 40 (83) | 140 (125) |     |
|               | Heptachlor          | 16.65 | 18.9   | ug/kg | 114 |     |      |      | 40 (83) | 140 (122) |     |
|               | Aldrin              | 16.65 | 20.2   | ug/kg | 121 |     |      |      | 40 (82) | 140 (124) |     |
|               | Heptachlor epoxide  | 16.65 | 19.5   | ug/kg | 117 |     |      |      | 40 (83) | 140 (120) |     |
|               | Endosulfan I        | 16.65 | 19.6   | ug/kg | 118 |     |      |      | 40 (81) | 140 (124) |     |
|               | Dieldrin            | 16.65 | 19.6   | ug/kg | 118 |     |      |      | 40 (85) | 140 (121) |     |
|               | 4,4'-DDE            | 16.65 | 18.2   | ug/kg | 109 |     |      |      | 40 (81) | 140 (123) |     |
|               | Endrin              | 16.65 | 17.0   | ug/kg | 102 |     |      |      | 40 (76) | 140 (130) |     |
|               | Endosulfan II       | 16.65 | 19.3   | ug/kg | 116 |     |      |      | 40 (80) | 140 (125) |     |
|               | 4,4'-DDD            | 16.65 | 20.4   | ug/kg | 123 |     |      |      | 40 (80) | 140 (131) |     |
|               | Endosulfan sulfate  | 16.65 | 19.3   | ug/kg | 116 |     |      |      | 40 (81) | 140 (122) |     |
|               | 4,4'-DDT            | 16.65 | 17.3   | ug/kg | 104 |     |      |      | 40 (70) | 140 (129) |     |
|               | Methoxychlor        | 16.65 | 17.2   | ug/kg | 103 |     |      |      | 40 (60) | 140 (119) |     |
|               | Endrin ketone       | 16.65 | 21.4   | ug/kg | 129 |     |      |      | 40 (77) | 140 (132) |     |
|               | Endrin aldehyde     | 16.65 | 19.9   | ug/kg | 120 |     |      |      | 40 (79) | 140 (124) |     |
|               | alpha-Chlordane     | 16.65 | 19.2   | ug/kg | 115 |     |      |      | 40 (84) | 140 (120) |     |
|               | gamma-Chlordane     | 16.65 | 19.4   | ug/kg | 117 |     |      |      | 40 (83) | 140 (122) |     |



4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167854BL

Lab Name: CHEMTECH

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937

SAS No.: Q1937 SDG NO.: Q1937

Lab Sample ID: PB167854BL

Lab File ID: PL095531.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/05/2025

Date Analyzed (1): 05/05/2025

Date Analyzed (2): 05/05/2025

Time Analyzed (1): 12:37

Time Analyzed (2): 12:37

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

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

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB167854BS        | PB167854BS       | PL095532.D     | 05/05/2025         | 05/05/2025         |
| SMALL-PILE-AMS    | Q1936-01MS       | PL095539.D     | 05/05/2025         | 05/05/2025         |
| SMALL-PILE-AMSD   | Q1936-01MSD      | PL095540.D     | 05/05/2025         | 05/05/2025         |
| LARGE-PILE-A      | Q1937-01         | PL095544.D     | 05/05/2025         | 05/05/2025         |
| LARGE-PILE-B      | Q1937-03         | PL095548.D     | 05/05/2025         | 05/05/2025         |
| LARGE-PILE-C      | Q1937-05         | PL095549.D     | 05/05/2025         | 05/05/2025         |
| LARGE-PILE-D      | Q1937-07         | PL095550.D     | 05/05/2025         | 05/05/2025         |
| LARGE-PILE-E      | Q1937-09         | PL095551.D     | 05/05/2025         | 05/05/2025         |
| LARGE-PILE-F      | Q1937-11         | PL095552.D     | 05/05/2025         | 05/05/2025         |

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



# SAMPLE DATA

## Report of Analysis

|                    |                                       |                    |                     |
|--------------------|---------------------------------------|--------------------|---------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25            |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25            |
| Client Sample ID:  | LARGE-PILE-A                          | SDG No.:           | Q1937               |
| Lab Sample ID:     | Q1937-01                              | Matrix:            | SOIL                |
| Analytical Method: | SW8081                                | % Solid:           | 94.3      Decanted: |
| Sample Wt/Vol:     | 30.06      Units:    g                | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL       |
| Extraction Type:   |                                       | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :                         |                    |                     |
| Prep Method :      | SW3541B                               |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095544.D        | 1         | 05/05/25 08:35 | 05/05/25 16:42 | PB167854      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.19  | U         | 0.19                | 1.80       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.41  | U         | 0.41                | 1.80       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 309-00-2          | Aldrin               | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 72-20-8           | Endrin               | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.31  | U         | 0.31                | 1.80       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.16  | U         | 0.16                | 1.80       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.39  | U         | 0.39                | 1.80       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.39  | U         | 0.39                | 1.80       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.16  | U         | 0.16                | 1.80       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.70  | U         | 5.70                | 34.9       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 15.9  |           | 30 (20) - 150 (144) | 80%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 18.6  |           | 30 (19) - 150 (148) | 93%        | SPK: 20           |

## Report of Analysis

|                    |                                       |                    |               |
|--------------------|---------------------------------------|--------------------|---------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25      |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25      |
| Client Sample ID:  | LARGE-PILE-A                          | SDG No.:           | Q1937         |
| Lab Sample ID:     | Q1937-01                              | Matrix:            | SOIL          |
| Analytical Method: | SW8081                                | % Solid:           | 94.3          |
| Sample Wt/Vol:     | 30.06                                 | Units:             | g             |
| Soil Aliquot Vol:  |                                       |                    | uL            |
| Extraction Type:   |                                       | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                                   | PH :               |               |
| Prep Method :      | SW3541B                               | Injection Volume : |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095544.D        | 1         | 05/05/25 08:35 | 05/05/25 16:42 | PB167854      |

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

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095544.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 16:42  
Operator : AR\AJ  
Sample : Q1937-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-A

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:42:03 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-------|-------|----------|----------|--------|----------|
| -----                       |       |       |          |          |        |          |
| System Monitoring Compounds |       |       |          |          |        |          |
| 1) SA Tetrachlo...          | 3.593 | 2.910 | 46842151 | 59273264 | 14.348 | 18.641 # |
| 28) SA Decachlor...         | 9.114 | 8.085 | 39283630 | 47153837 | 14.178 | 15.934   |

Target Compounds

-----

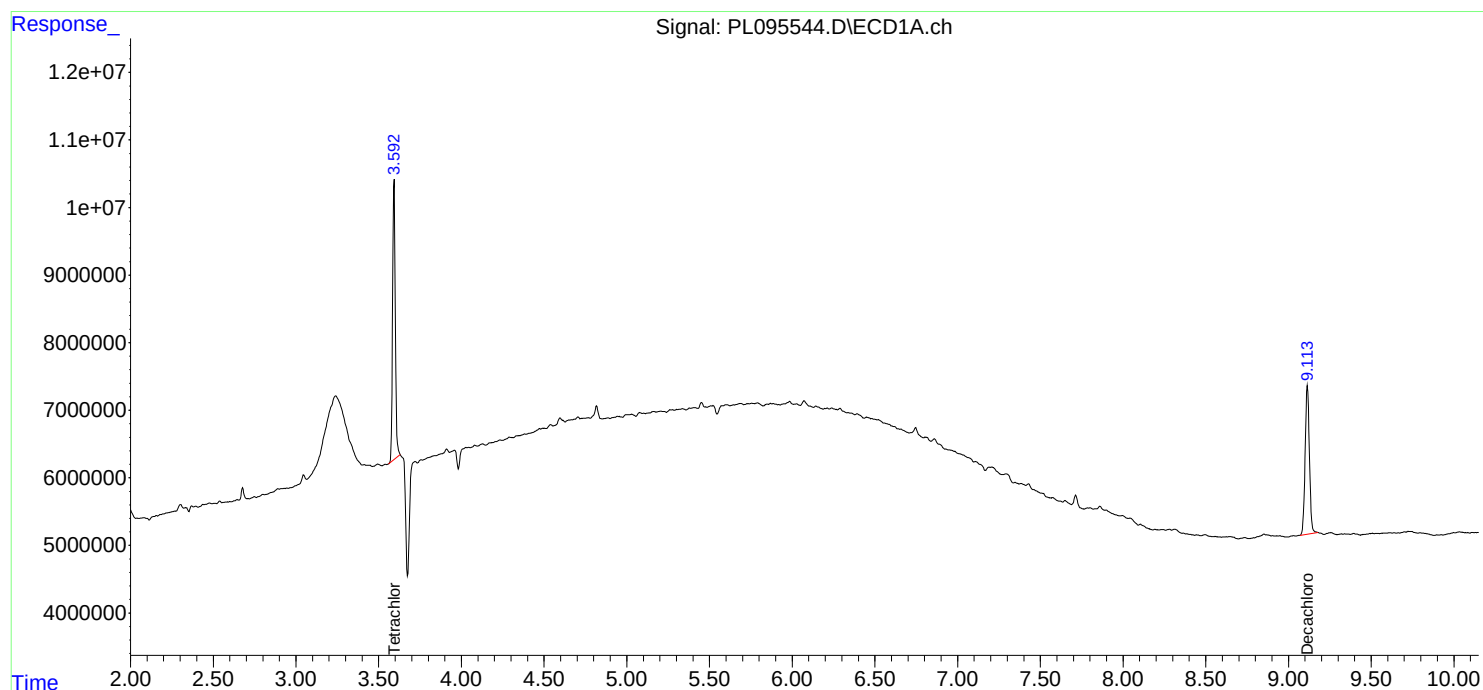
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

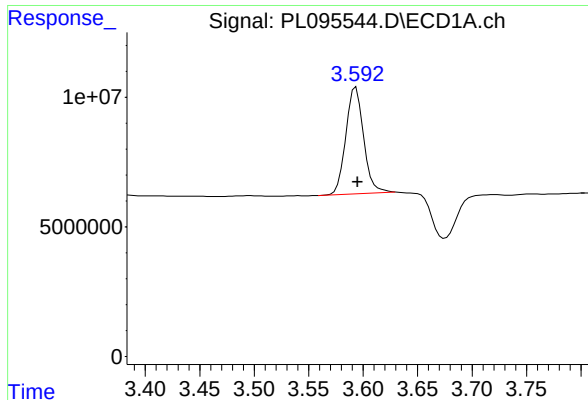
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095544.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 16:42  
Operator : AR\AJ  
Sample : Q1937-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-A

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:42:03 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

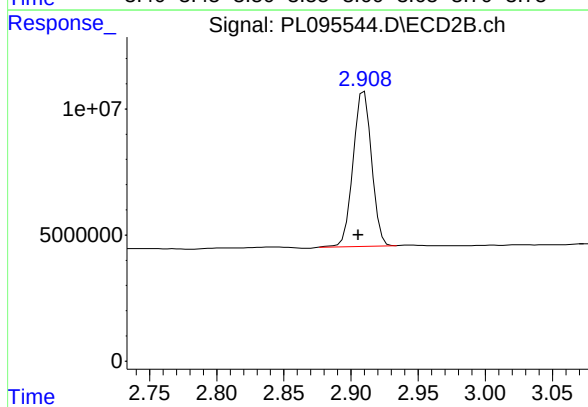




#1 Tetrachloro-m-xylene

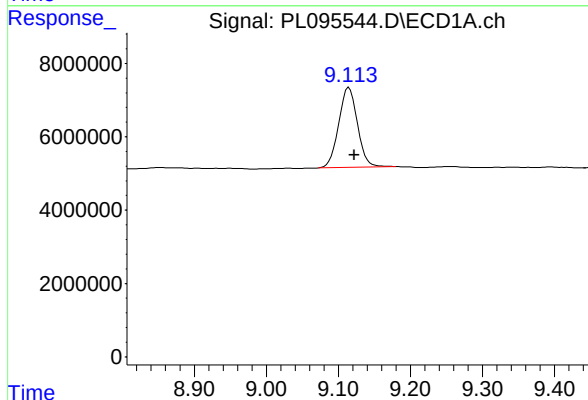
R.T.: 3.593 min  
Delta R.T.: -0.002 min  
Response: 46842151  
Conc: 14.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-A



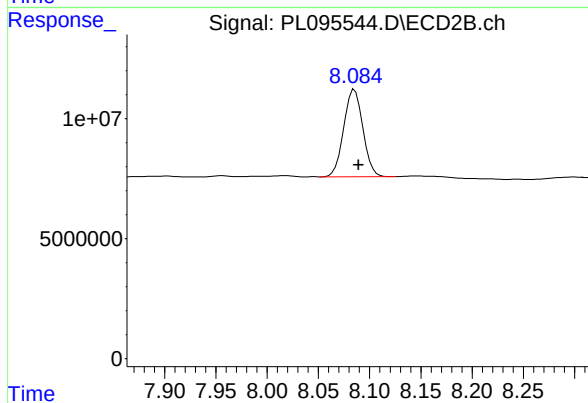
#1 Tetrachloro-m-xylene

R.T.: 2.910 min  
Delta R.T.: 0.004 min  
Response: 59273264  
Conc: 18.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min  
Delta R.T.: -0.008 min  
Response: 39283630  
Conc: 14.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.085 min  
Delta R.T.: -0.004 min  
Response: 47153837  
Conc: 15.93 ng/ml

## Report of Analysis

|                    |                                       |                    |                     |
|--------------------|---------------------------------------|--------------------|---------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25            |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25            |
| Client Sample ID:  | LARGE-PILE-B                          | SDG No.:           | Q1937               |
| Lab Sample ID:     | Q1937-03                              | Matrix:            | SOIL                |
| Analytical Method: | SW8081                                | % Solid:           | 96.4      Decanted: |
| Sample Wt/Vol:     | 30.05      Units:    g                | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL       |
| Extraction Type:   |                                       | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :                         |                    |                     |
| Prep Method :      | SW3541B                               |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095548.D        | 1         | 05/05/25 08:35 | 05/05/25 19:07 | PB167854      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.19  | U         | 0.19                | 1.80       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.40  | U         | 0.40                | 1.80       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.12  | U         | 0.12                | 1.80       | ug/kg             |
| 309-00-2          | Aldrin               | 0.12  | U         | 0.12                | 1.80       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 72-20-8           | Endrin               | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.30  | U         | 0.30                | 1.80       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.16  | U         | 0.16                | 1.80       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.38  | U         | 0.38                | 1.80       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.38  | U         | 0.38                | 1.80       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.12  | U         | 0.12                | 1.80       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.16  | U         | 0.16                | 1.80       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.60  | U         | 5.60                | 34.2       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 22.3  |           | 30 (20) - 150 (144) | 111%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 23.1  |           | 30 (19) - 150 (148) | 115%       | SPK: 20           |



## Report of Analysis

|                    |                                       |          |                    |               |           |
|--------------------|---------------------------------------|----------|--------------------|---------------|-----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |          | Date Collected:    | 05/01/25      |           |
| Project:           | Stan Hope                             |          | Date Received:     | 05/01/25      |           |
| Client Sample ID:  | LARGE-PILE-B                          |          | SDG No.:           | Q1937         |           |
| Lab Sample ID:     | Q1937-03                              |          | Matrix:            | SOIL          |           |
| Analytical Method: | SW8081                                |          | % Solid:           | 96.4          | Decanted: |
| Sample Wt/Vol:     | 30.05                                 | Units: g | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                       |          | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                   | PH :     |                    |               |           |
| Prep Method :      | SW3541B                               |          |                    |               |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095548.D        | 1         | 05/05/25 08:35 | 05/05/25 19:07 | PB167854      |

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

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095548.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 19:07  
 Operator : AR\AJ  
 Sample : Q1937-03  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LARGE-PILE-B

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:43:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.593 | 2.910 | 63490898 | 73284963 | 19.448 | 23.047 |
| 28) SA Decachlor...         | 9.116 | 8.085 | 58964308 | 65953812 | 21.281 | 22.287 |

Target Compounds

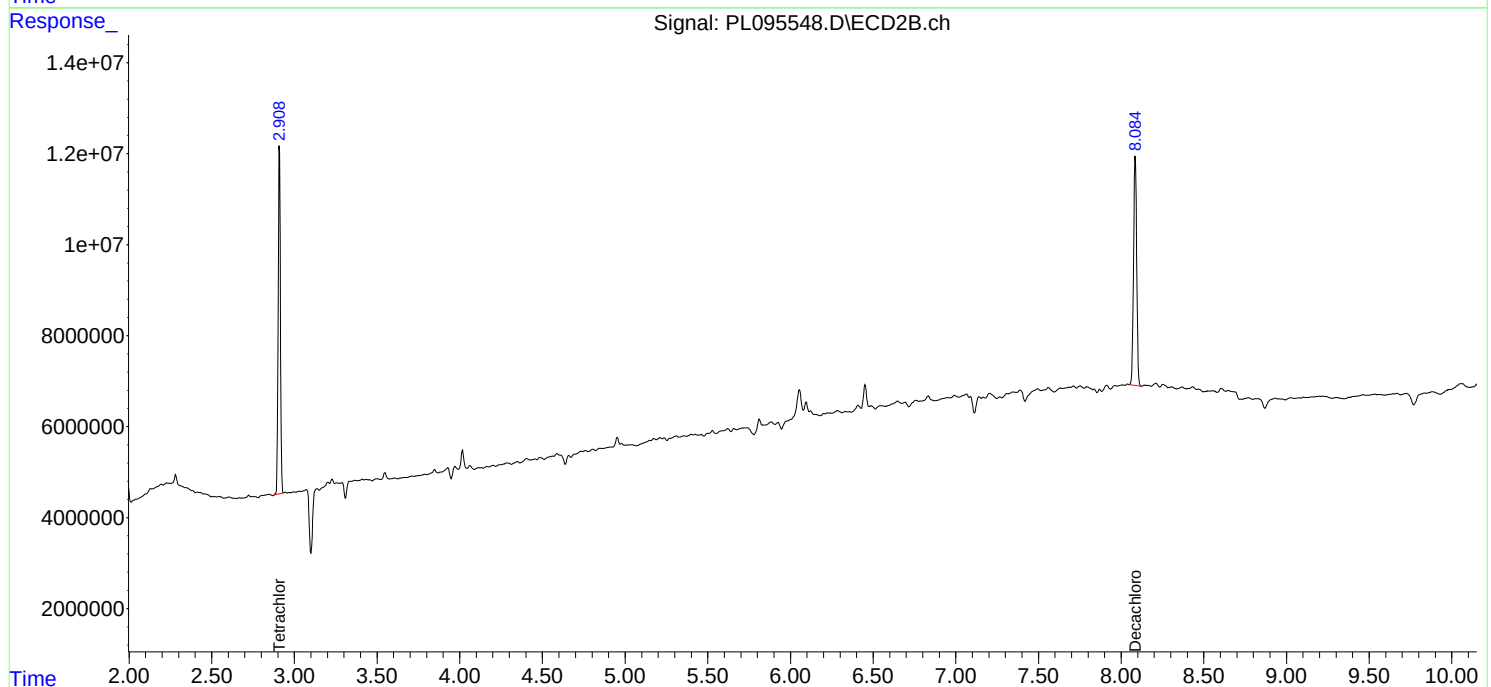
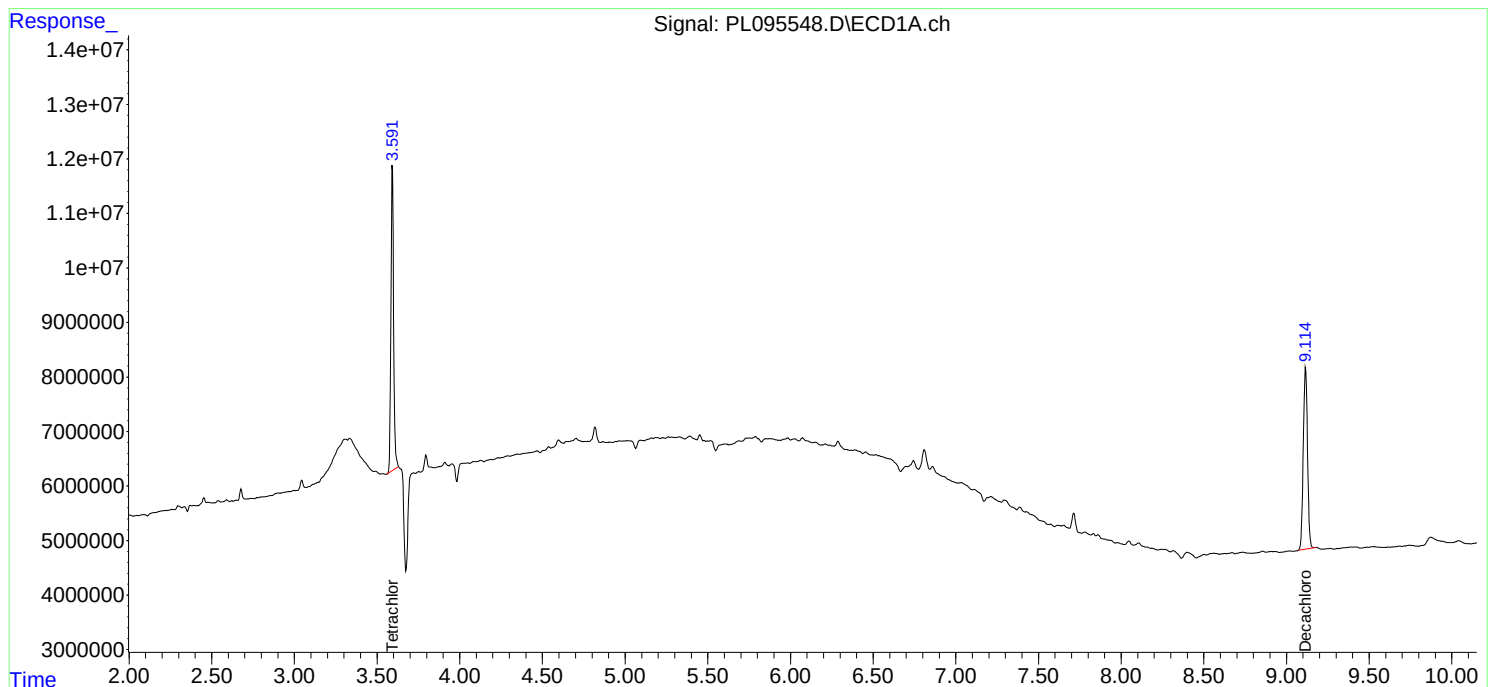
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

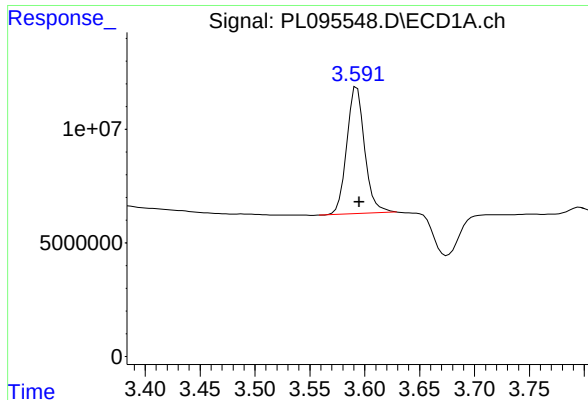
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095548.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 19:07  
Operator : AR\AJ  
Sample : Q1937-03  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-B

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:43:16 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

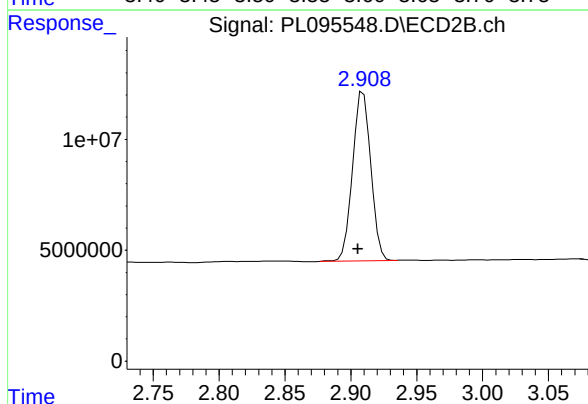




## #1 Tetrachloro-m-xylene

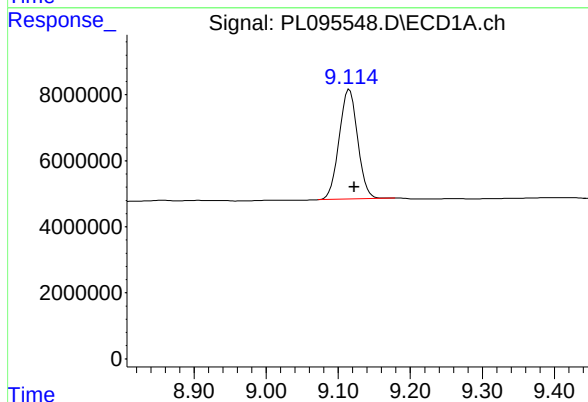
R.T.: 3.593 min  
Delta R.T.: -0.002 min  
Response: 63490898  
Conc: 19.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-B



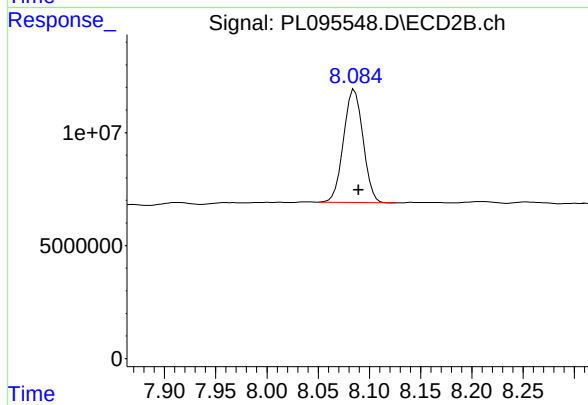
## #1 Tetrachloro-m-xylene

R.T.: 2.910 min  
Delta R.T.: 0.004 min  
Response: 73284963  
Conc: 23.05 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.116 min  
Delta R.T.: -0.007 min  
Response: 58964308  
Conc: 21.28 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.085 min  
Delta R.T.: -0.004 min  
Response: 65953812  
Conc: 22.29 ng/ml

## Report of Analysis

|                    |                                       |                    |                     |
|--------------------|---------------------------------------|--------------------|---------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25            |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25            |
| Client Sample ID:  | LARGE-PILE-C                          | SDG No.:           | Q1937               |
| Lab Sample ID:     | Q1937-05                              | Matrix:            | SOIL                |
| Analytical Method: | SW8081                                | % Solid:           | 94.9      Decanted: |
| Sample Wt/Vol:     | 30.01      Units:    g                | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL       |
| Extraction Type:   |                                       | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :                         |                    |                     |
| Prep Method :      | SW3541B                               |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095549.D        | 1         | 05/05/25 08:35 | 05/05/25 19:21 | PB167854      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.19  | U         | 0.19                | 1.80       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.41  | U         | 0.41                | 1.80       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 309-00-2          | Aldrin               | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 72-20-8           | Endrin               | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.31  | U         | 0.31                | 1.80       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.16  | U         | 0.16                | 1.80       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.39  | U         | 0.39                | 1.80       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.39  | U         | 0.39                | 1.80       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.16  | U         | 0.16                | 1.80       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.70  | U         | 5.70                | 34.8       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 24.1  |           | 30 (20) - 150 (144) | 120%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 24.0  |           | 30 (19) - 150 (148) | 120%       | SPK: 20           |

## Report of Analysis

|                    |                                       |          |                    |               |           |
|--------------------|---------------------------------------|----------|--------------------|---------------|-----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |          | Date Collected:    | 05/01/25      |           |
| Project:           | Stan Hope                             |          | Date Received:     | 05/01/25      |           |
| Client Sample ID:  | LARGE-PILE-C                          |          | SDG No.:           | Q1937         |           |
| Lab Sample ID:     | Q1937-05                              |          | Matrix:            | SOIL          |           |
| Analytical Method: | SW8081                                |          | % Solid:           | 94.9          | Decanted: |
| Sample Wt/Vol:     | 30.01                                 | Units: g | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                       |          | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                   | PH :     |                    |               |           |
| Prep Method :      | SW3541B                               |          |                    |               |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095549.D        | 1         | 05/05/25 08:35 | 05/05/25 19:21 | PB167854      |

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

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095549.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 19:21  
 Operator : AR\AJ  
 Sample : Q1937-05  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LARGE-PILE-C

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:43:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.593 | 2.909 | 65361842 | 76421629 | 20.021 | 24.034 |
| 28) SA Decachlor...         | 9.115 | 8.086 | 61331477 | 71186067 | 22.135 | 24.055 |

Target Compounds

-----

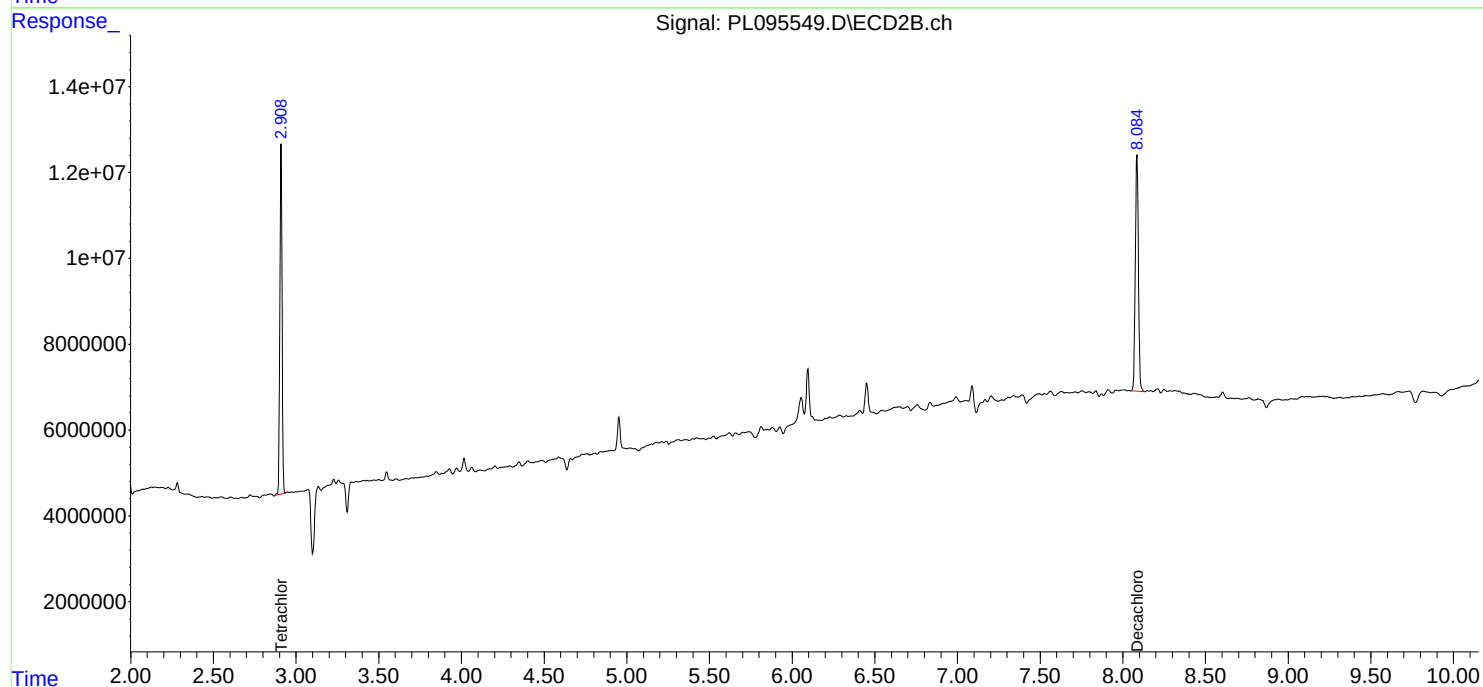
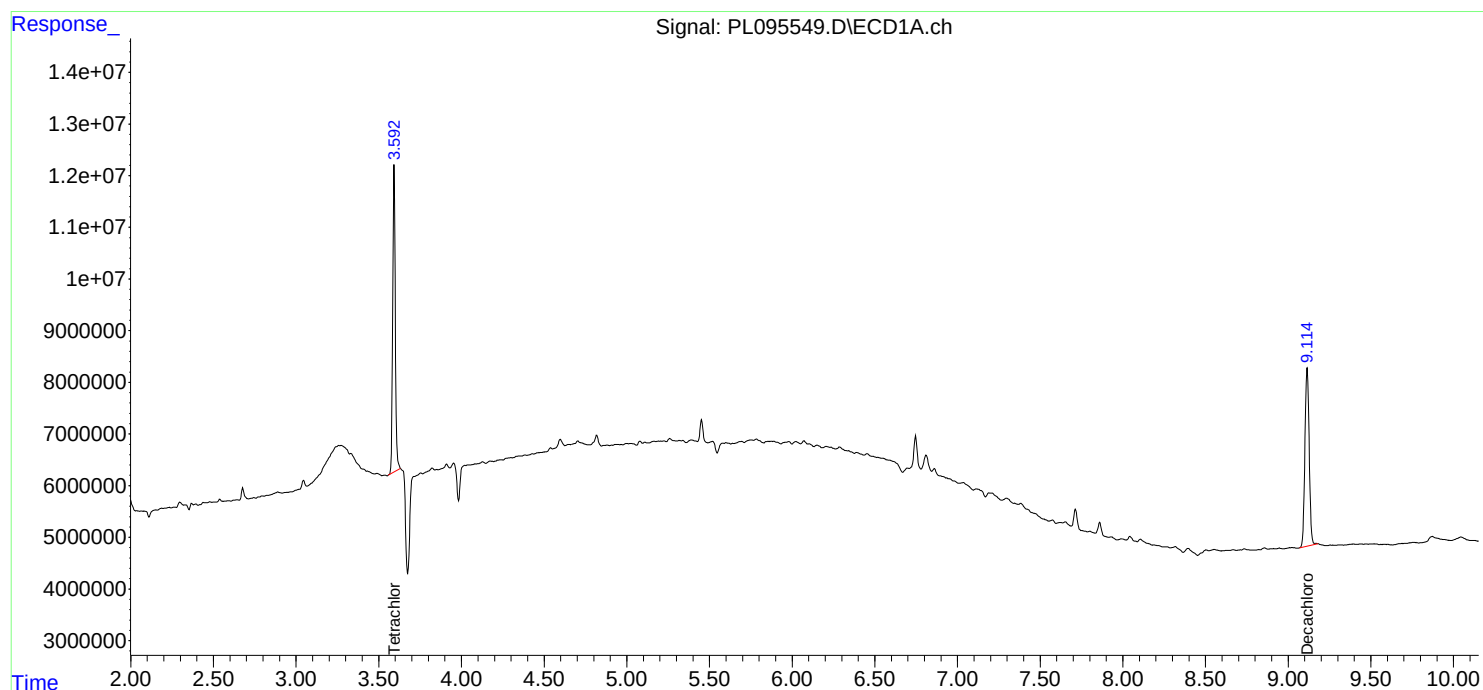
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095549.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 19:21  
Operator : AR\AJ  
Sample : Q1937-05  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

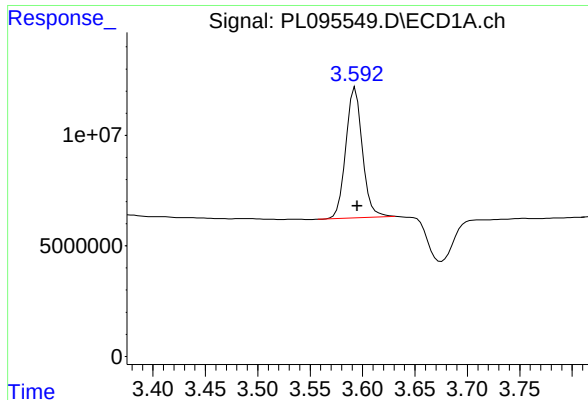
Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-C

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:43:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



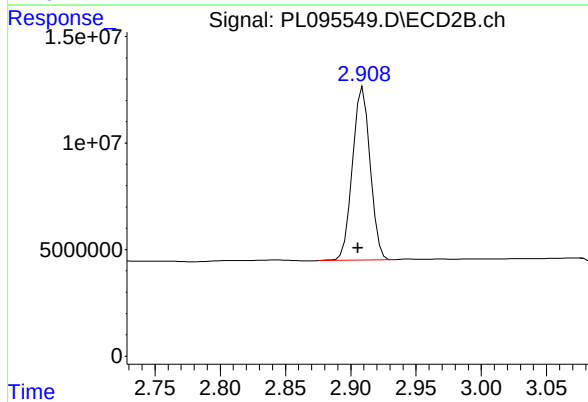




## #1 Tetrachloro-m-xylene

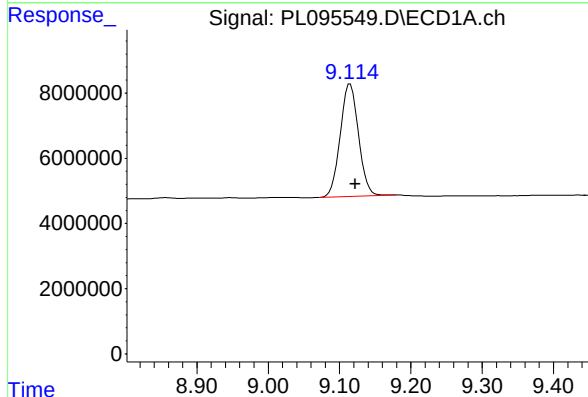
R.T.: 3.593 min  
Delta R.T.: -0.002 min  
Response: 65361842  
Conc: 20.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-C



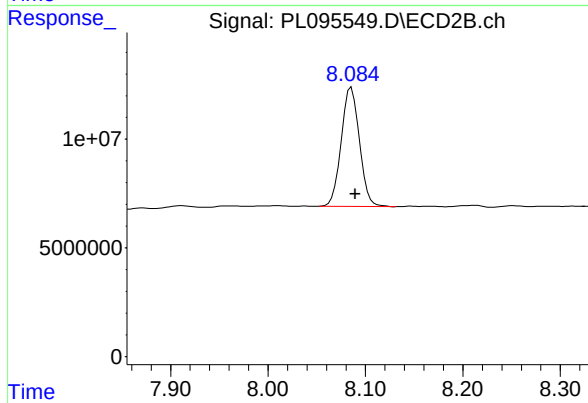
## #1 Tetrachloro-m-xylene

R.T.: 2.909 min  
Delta R.T.: 0.004 min  
Response: 76421629  
Conc: 24.03 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.115 min  
Delta R.T.: -0.007 min  
Response: 61331477  
Conc: 22.13 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.086 min  
Delta R.T.: -0.004 min  
Response: 71186067  
Conc: 24.06 ng/ml

## Report of Analysis

|                    |                                       |                    |               |
|--------------------|---------------------------------------|--------------------|---------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25      |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25      |
| Client Sample ID:  | LARGE-PILE-D                          | SDG No.:           | Q1937         |
| Lab Sample ID:     | Q1937-07                              | Matrix:            | SOIL          |
| Analytical Method: | SW8081                                | % Solid:           | 94.6          |
| Sample Wt/Vol:     | 30.08                                 | Units:             | g             |
| Soil Aliquot Vol:  |                                       |                    | uL            |
| Extraction Type:   |                                       | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                                   | PH :               |               |
| Prep Method :      | SW3541B                               | Injection Volume : |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095550.D        | 1         | 05/05/25 08:35 | 05/05/25 19:34 | PB167854      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.19  | U         | 0.19                | 1.80       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.41  | U         | 0.41                | 1.80       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 309-00-2          | Aldrin               | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.20  | J         | 0.15                | 1.80       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.19  | J         | 0.15                | 1.80       | ug/kg             |
| 72-20-8           | Endrin               | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.31  | U         | 0.31                | 1.80       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.16  | U         | 0.16                | 1.80       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.51  | J         | 0.14                | 1.80       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.39  | U         | 0.39                | 1.80       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.39  | U         | 0.39                | 1.80       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.16  | U         | 0.16                | 1.80       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.70  | U         | 5.70                | 34.8       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 20.0  |           | 30 (20) - 150 (144) | 100%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 23.0  |           | 30 (19) - 150 (148) | 115%       | SPK: 20           |

## Report of Analysis

|                    |                                       |                    |               |
|--------------------|---------------------------------------|--------------------|---------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25      |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25      |
| Client Sample ID:  | LARGE-PILE-D                          | SDG No.:           | Q1937         |
| Lab Sample ID:     | Q1937-07                              | Matrix:            | SOIL          |
| Analytical Method: | SW8081                                | % Solid:           | 94.6          |
| Sample Wt/Vol:     | 30.08                                 | Units:             | g             |
| Soil Aliquot Vol:  |                                       |                    | uL            |
| Extraction Type:   |                                       | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                                   | PH :               |               |
| Prep Method :      | SW3541B                               | Injection Volume : |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095550.D        | 1         | 05/05/25 08:35 | 05/05/25 19:34 | PB167854      |

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

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095550.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 19:34  
 Operator : AR\AJ  
 Sample : Q1937-07  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LARGE-PILE-D

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 11:50:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-------|-------|----------|----------|--------|---------|
| -----                       |       |       |          |          |        |         |
| System Monitoring Compounds |       |       |          |          |        |         |
| 1) SA Tetrachlo...          | 3.593 | 2.909 | 65843783 | 73152009 | 20.169 | 23.006  |
| 28) SA Decachlor...         | 9.115 | 8.085 | 51388635 | 59234475 | 18.546 | 20.017  |
| Target Compounds            |       |       |          |          |        |         |
| 12) B 4,4'-DDE              | 6.238 | 5.395 | 1395138  | 2199824  | 0.356m | 0.541m# |
| 13) MA Dieldrin             | 6.389 | 5.526 | 1958855  | 2353060  | 0.508m | 0.579m  |
| 19) B Endosulfa...          | 7.212 | 6.486 | 3343676  | 4829755  | 1.193m | 1.456m  |
| -----                       |       |       |          |          |        |         |

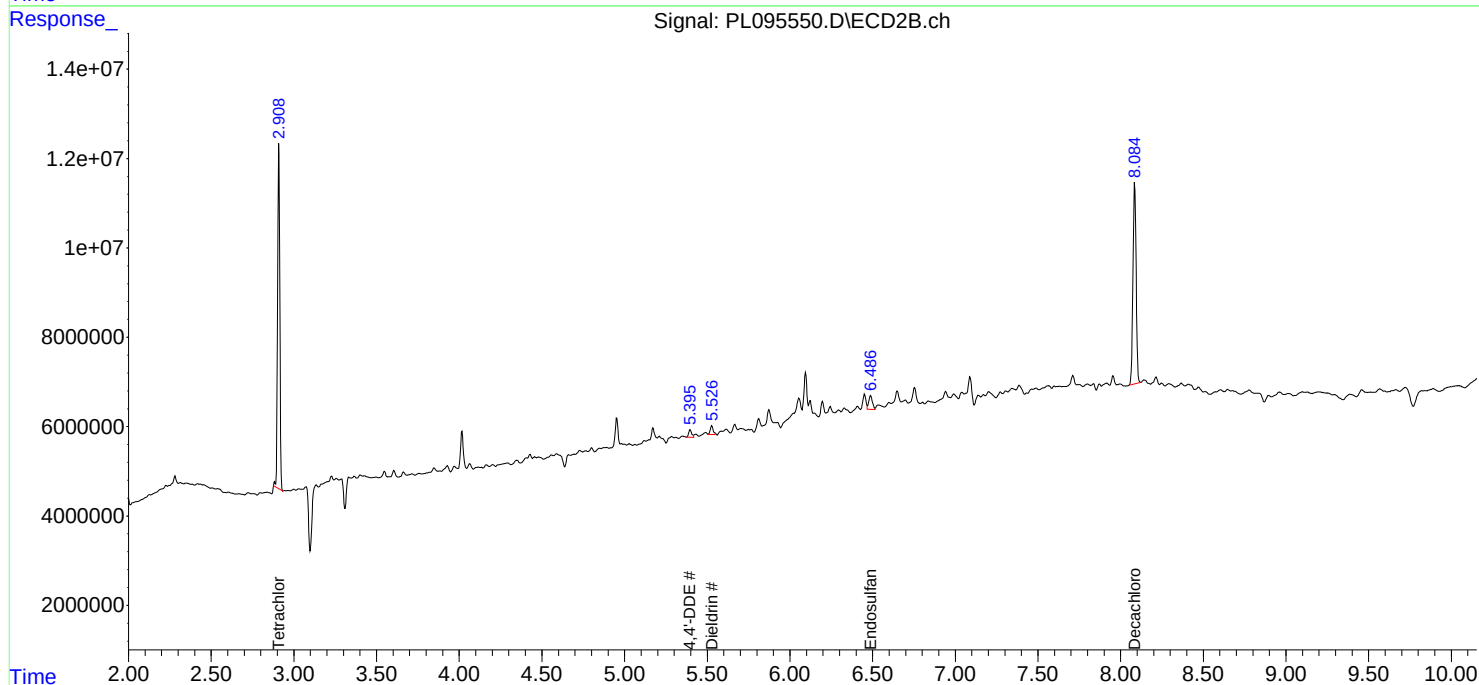
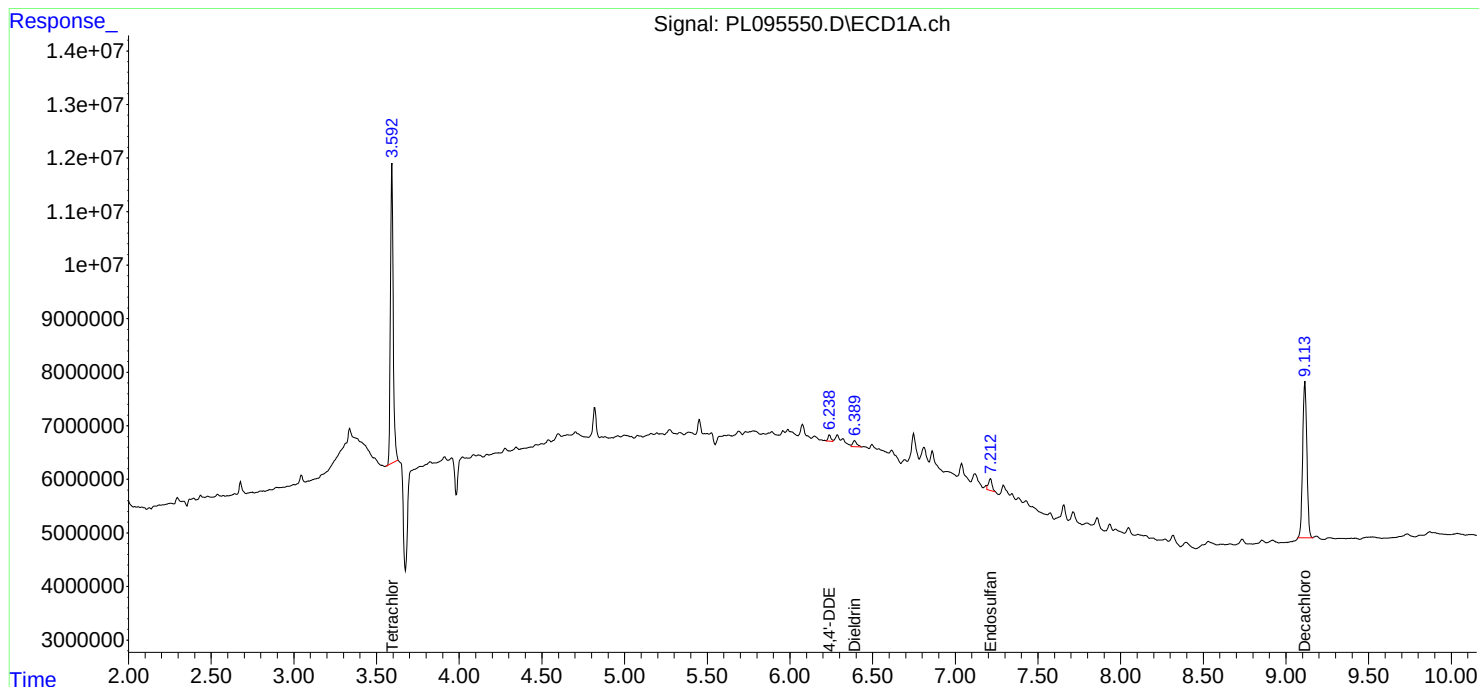
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

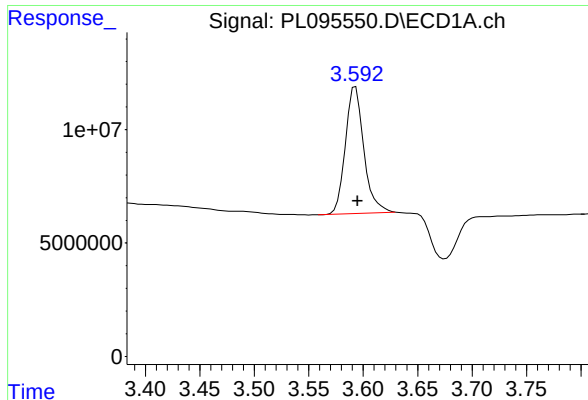
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095550.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 19:34  
Operator : AR\AJ  
Sample : Q1937-07  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-D

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 11:50:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

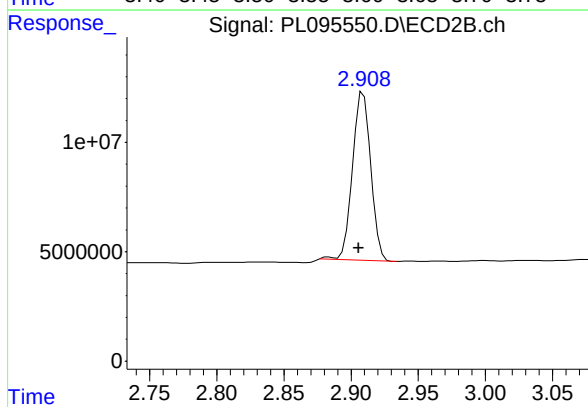




#1 Tetrachloro-m-xylene

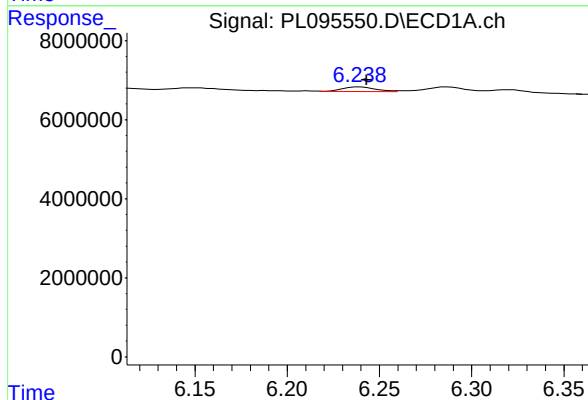
R.T.: 3.593 min  
Delta R.T.: -0.002 min  
Response: 65843783  
Conc: 20.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-D



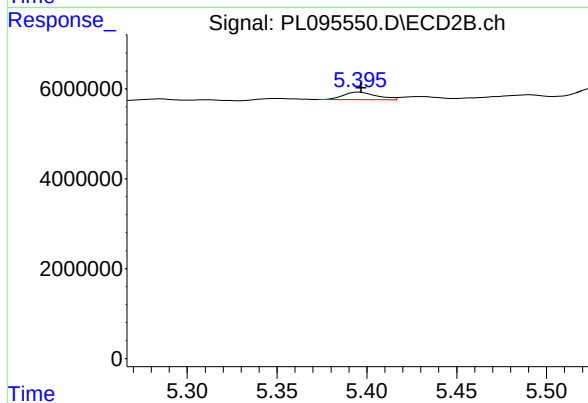
#1 Tetrachloro-m-xylene

R.T.: 2.909 min  
Delta R.T.: 0.003 min  
Response: 73152009  
Conc: 23.01 ng/ml



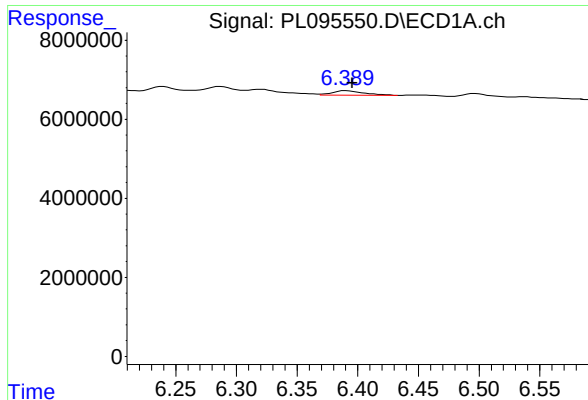
#12 4,4'-DDE

R.T.: 6.238 min  
Delta R.T.: -0.005 min  
Response: 1395138  
Conc: 0.36 ng/ml m



#12 4,4'-DDE

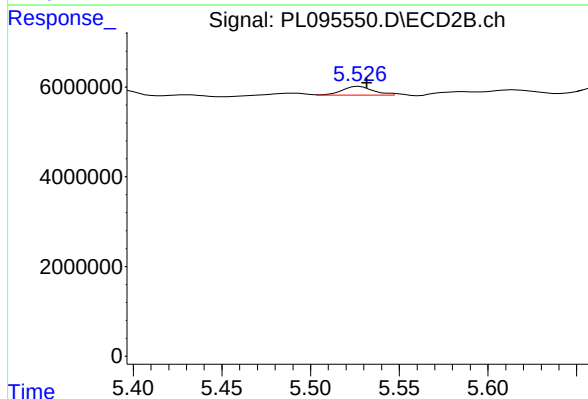
R.T.: 5.395 min  
Delta R.T.: -0.002 min  
Response: 2199824  
Conc: 0.54 ng/ml m



#13 Dieldrin

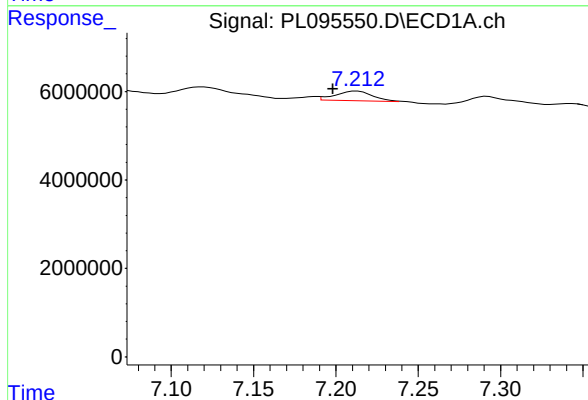
R.T.: 6.389 min  
Delta R.T.: -0.006 min  
Response: 1958855  
Conc: 0.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-D



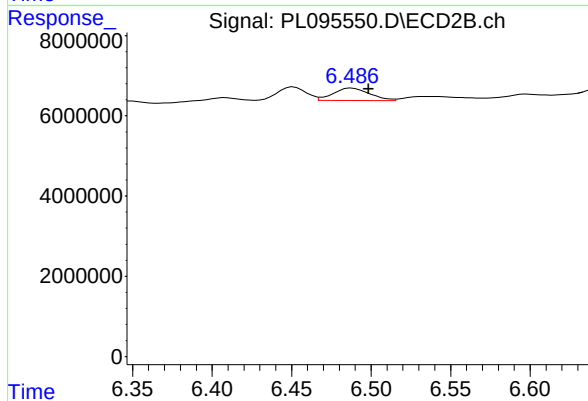
#13 Dieldrin

R.T.: 5.526 min  
Delta R.T.: -0.006 min  
Response: 2353060  
Conc: 0.58 ng/ml



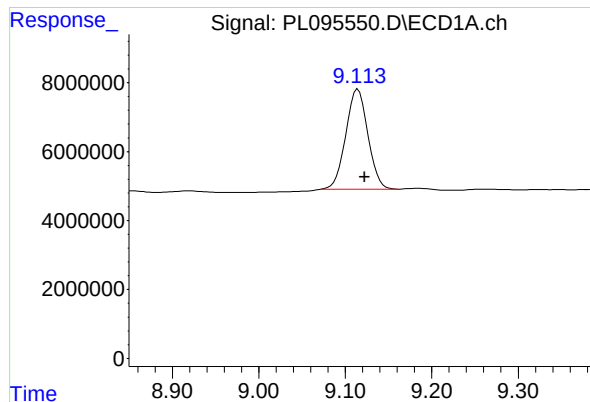
#19 Endosulfan Sulfate

R.T.: 7.212 min  
Delta R.T.: 0.014 min  
Response: 3343676  
Conc: 1.19 ng/ml



#19 Endosulfan Sulfate

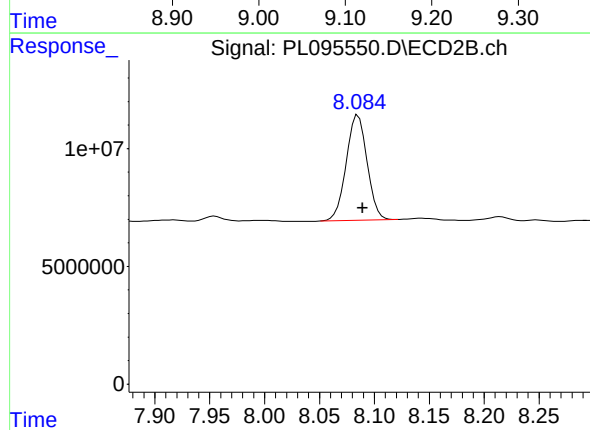
R.T.: 6.486 min  
Delta R.T.: -0.012 min  
Response: 4829755  
Conc: 1.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min  
Delta R.T.: -0.008 min  
Response: 51388635  
Conc: 18.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-D



#28 Decachlorobiphenyl

R.T.: 8.085 min  
Delta R.T.: -0.004 min  
Response: 59234475  
Conc: 20.02 ng/ml



## Report of Analysis

|                    |                                       |                    |                     |
|--------------------|---------------------------------------|--------------------|---------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25            |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25            |
| Client Sample ID:  | LARGE-PILE-E                          | SDG No.:           | Q1937               |
| Lab Sample ID:     | Q1937-09                              | Matrix:            | SOIL                |
| Analytical Method: | SW8081                                | % Solid:           | 92.3      Decanted: |
| Sample Wt/Vol:     | 30.03      Units:    g                | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL       |
| Extraction Type:   |                                       | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :                         |                    |                     |
| Prep Method :      | SW3541B                               |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095551.D        | 1         | 05/05/25 08:35 | 05/05/25 19:48 | PB167854      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.19  | U         | 0.19                | 1.80       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.42  | U         | 0.42                | 1.80       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 309-00-2          | Aldrin               | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.21  | U         | 0.21                | 1.80       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.31  | JP        | 0.15                | 1.80       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.26  | J         | 0.15                | 1.80       | ug/kg             |
| 72-20-8           | Endrin               | 0.35  | JP        | 0.15                | 1.80       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.31  | U         | 0.31                | 1.80       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.16  | U         | 0.16                | 1.80       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.84  | J         | 0.14                | 1.80       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.40  | U         | 0.40                | 1.80       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.21  | U         | 0.21                | 1.80       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.40  | U         | 0.40                | 1.80       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.63  | JP        | 0.13                | 1.80       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.26  | J         | 0.16                | 1.80       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.90  | U         | 5.90                | 35.7       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 19.2  |           | 30 (20) - 150 (144) | 96%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 22.5  |           | 30 (19) - 150 (148) | 113%       | SPK: 20           |

## Report of Analysis

|                    |                                       |                    |                     |
|--------------------|---------------------------------------|--------------------|---------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25            |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25            |
| Client Sample ID:  | LARGE-PILE-E                          | SDG No.:           | Q1937               |
| Lab Sample ID:     | Q1937-09                              | Matrix:            | SOIL                |
| Analytical Method: | SW8081                                | % Solid:           | 92.3      Decanted: |
| Sample Wt/Vol:     | 30.03      Units:    g                | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL       |
| Extraction Type:   |                                       | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :                         |                    |                     |
| Prep Method :      | SW3541B                               |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095551.D        | 1         | 05/05/25 08:35 | 05/05/25 19:48 | PB167854      |

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

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095551.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 19:48  
 Operator : AR\AJ  
 Sample : Q1937-09  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LARGE-PILE-E

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:44:03 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.593 | 2.908 | 66316620 | 71566475 | 20.313  | 22.507m |
| 2)                          | SA Decachlor... | 9.114 | 8.086 | 51480874 | 56949958 | 18.580m | 19.245  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 10)                         | B gamma-Chl...  | 5.987 | 5.146 | 2972767  | 1566801  | 0.729m  | 0.387m# |
| 11)                         | B alpha-Chl...  | 6.076 | 5.209 | 7104868  | 1765272  | 1.747   | 0.443m# |
| 12)                         | B 4,4'-DDE      | 6.238 | 5.395 | 2520659  | 2912306  | 0.643m  | 0.716m  |
| 13)                         | MA Dieldrin     | 6.390 | 5.527 | 2587627  | 3551175  | 0.671m  | 0.873m# |
| 14)                         | MA Endrin       | 6.616 | 5.810 | 2249288  | 3545781  | 0.706m  | 0.974m# |
| 19)                         | B Endosulfa...  | 7.211 | 6.487 | 5778596  | 7687261  | 2.062m  | 2.317m  |
| 22)                         | Mirex           | 8.151 | 7.199 | 1659215  | 2913805  | 0.698m  | 1.011m# |
| -----                       |                 |       |       |          |          |         |         |

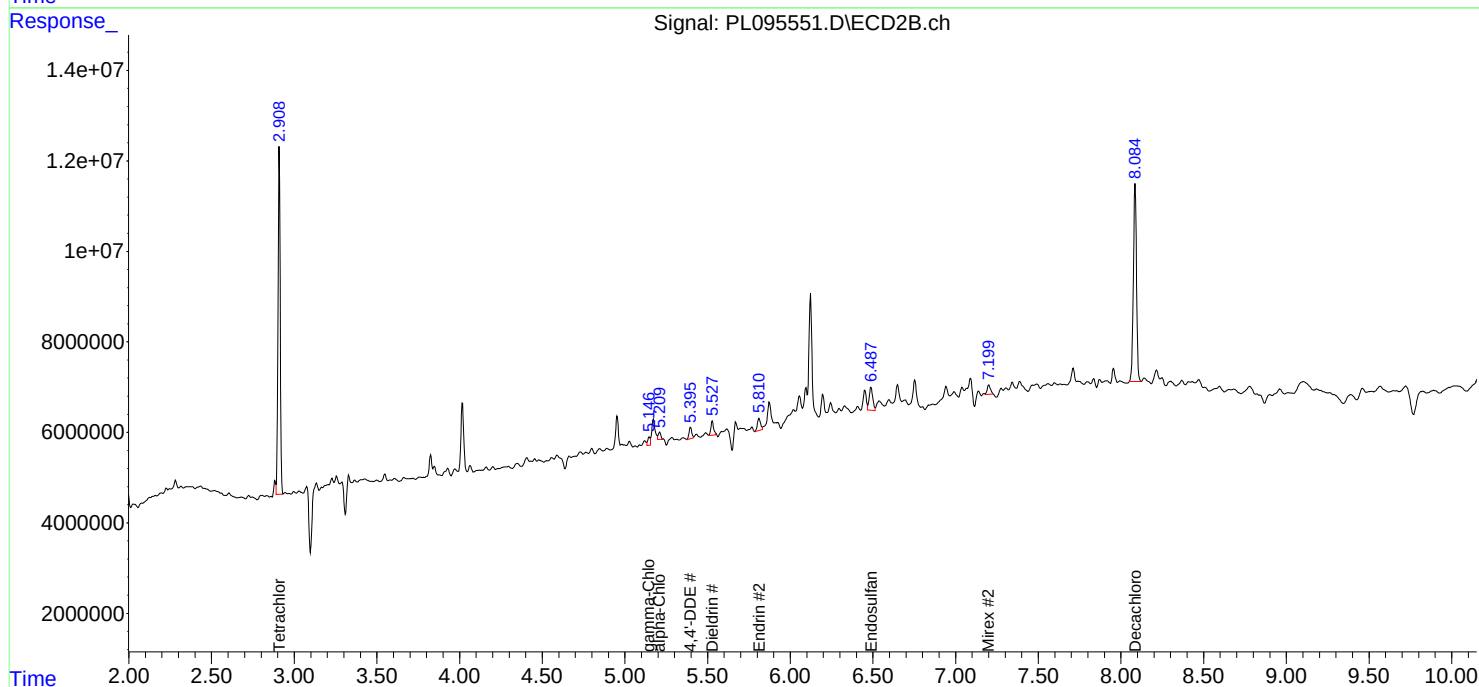
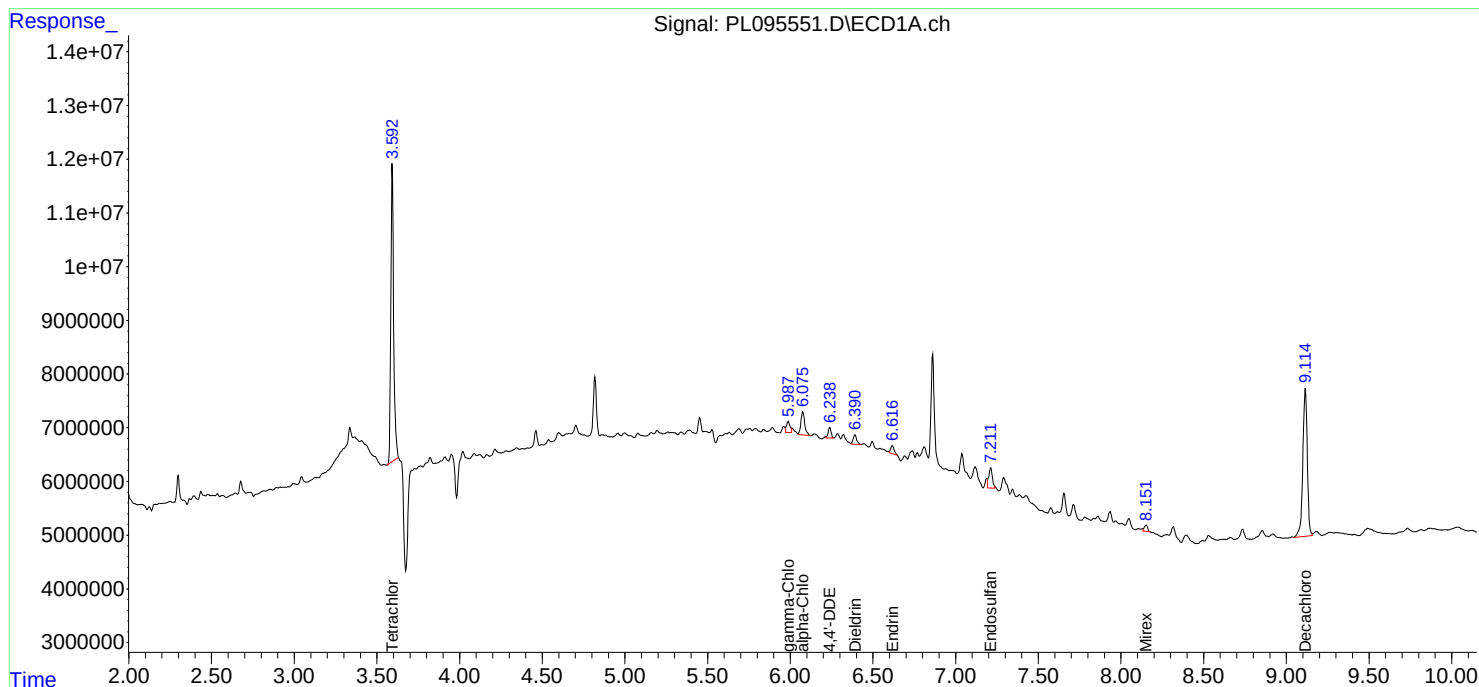
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

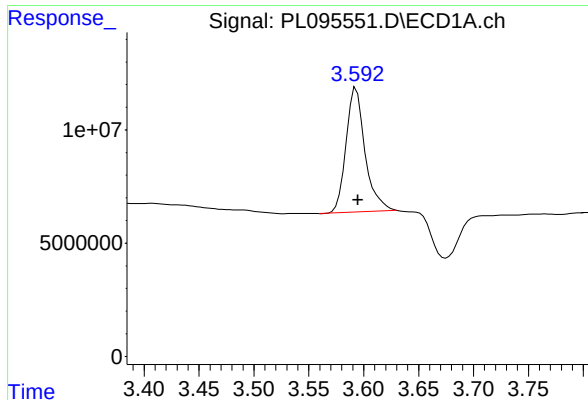
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095551.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 19:48  
Operator : AR\AJ  
Sample : Q1937-09  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-E

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:44:03 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

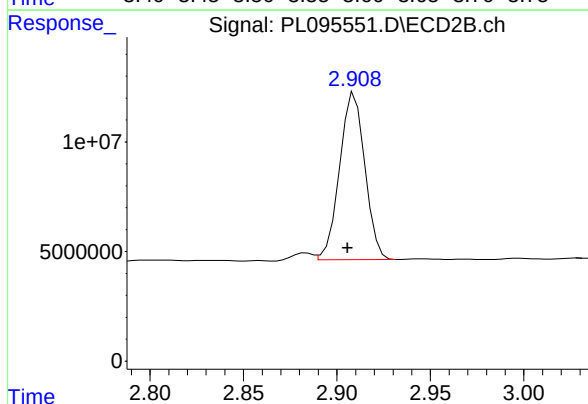




#1 Tetrachloro-m-xylene

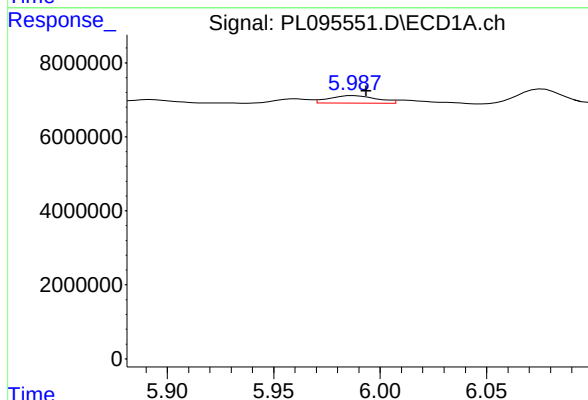
R.T.: 3.593 min  
Delta R.T.: -0.002 min  
Response: 66316620  
Conc: 20.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-E



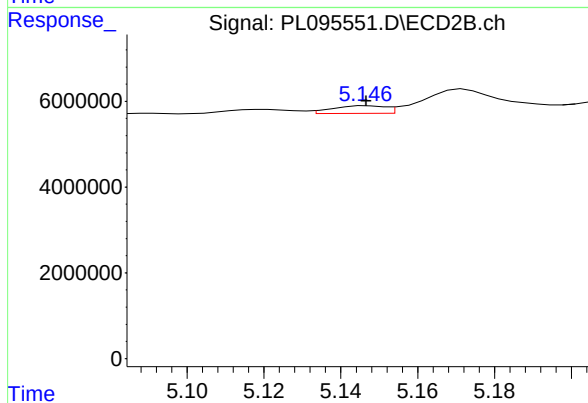
#1 Tetrachloro-m-xylene

R.T.: 2.908 min  
Delta R.T.: 0.002 min  
Response: 71566475  
Conc: 22.51 ng/ml



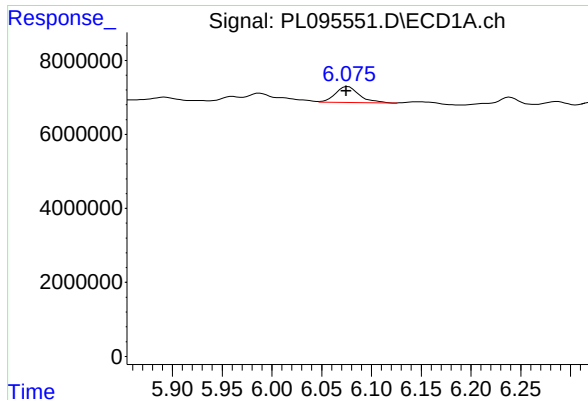
#10 gamma-Chlordane

R.T.: 5.987 min  
Delta R.T.: -0.007 min  
Response: 2972767  
Conc: 0.73 ng/ml



#10 gamma-Chlordane

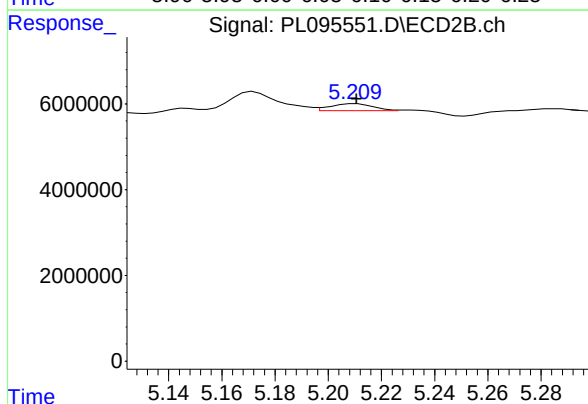
R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 1566801  
Conc: 0.39 ng/ml



#11 alpha-Chlordane

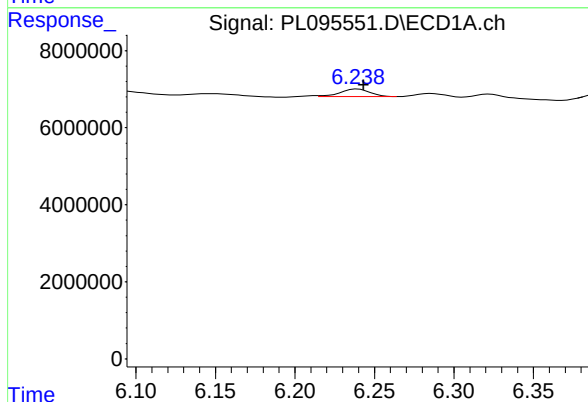
R.T.: 6.076 min  
Delta R.T.: 0.001 min  
Response: 7104868  
Conc: 1.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-E



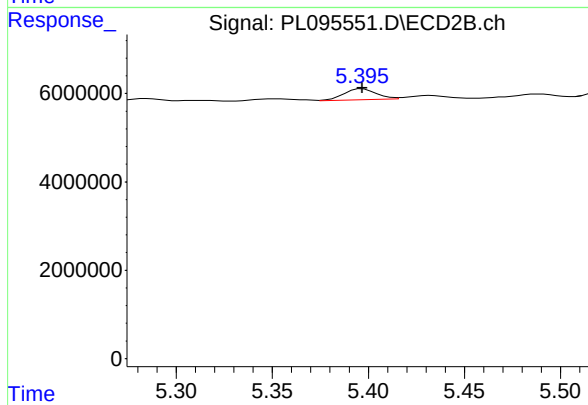
#11 alpha-Chlordane

R.T.: 5.209 min  
Delta R.T.: -0.002 min  
Response: 1765272  
Conc: 0.44 ng/ml



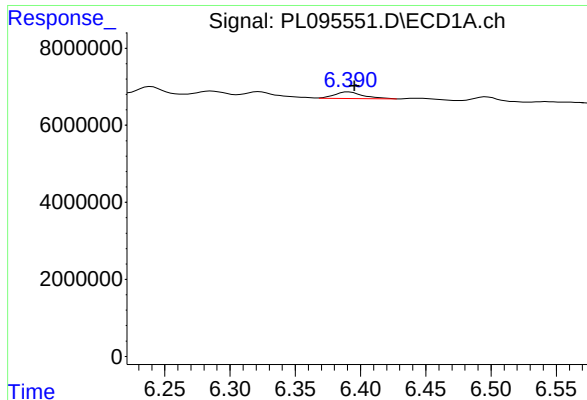
#12 4,4'-DDE

R.T.: 6.238 min  
Delta R.T.: -0.005 min  
Response: 2520659  
Conc: 0.64 ng/ml



#12 4,4'-DDE

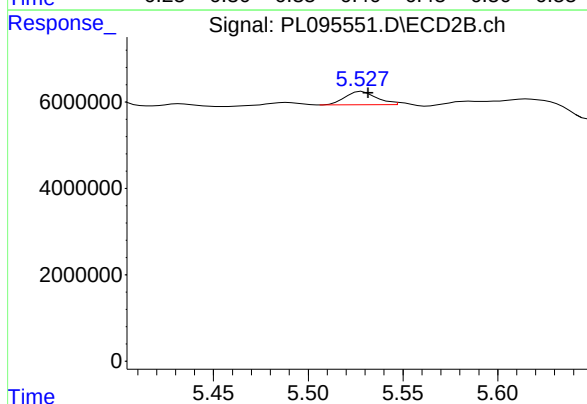
R.T.: 5.395 min  
Delta R.T.: -0.002 min  
Response: 2912306  
Conc: 0.72 ng/ml



#13 Dieldrin

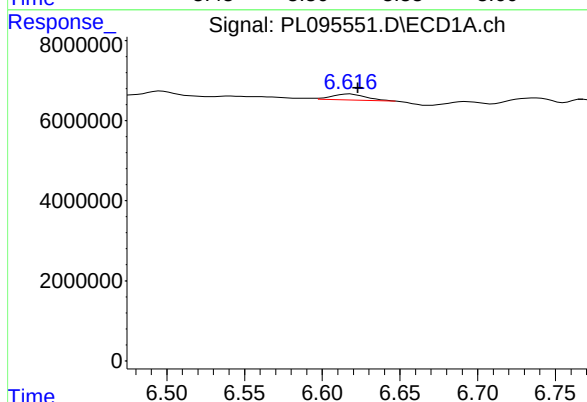
R.T.: 6.390 min  
Delta R.T.: -0.005 min  
Response: 2587627  
Conc: 0.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-E



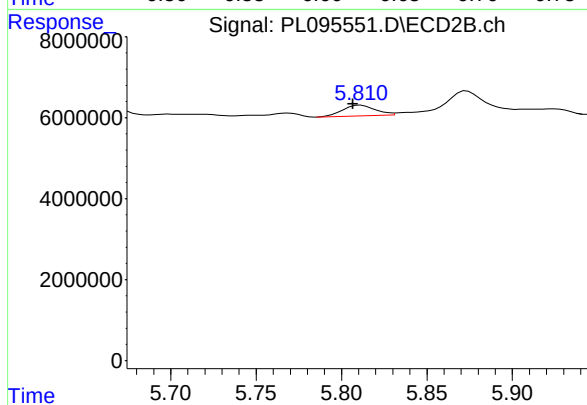
#13 Dieldrin

R.T.: 5.527 min  
Delta R.T.: -0.005 min  
Response: 3551175  
Conc: 0.87 ng/ml



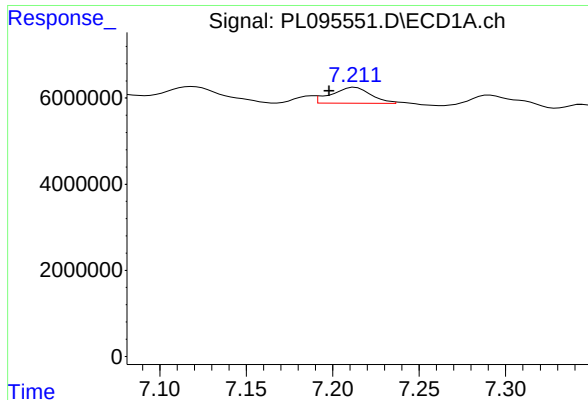
#14 Endrin

R.T.: 6.616 min  
Delta R.T.: -0.007 min  
Response: 2249288  
Conc: 0.71 ng/ml



#14 Endrin

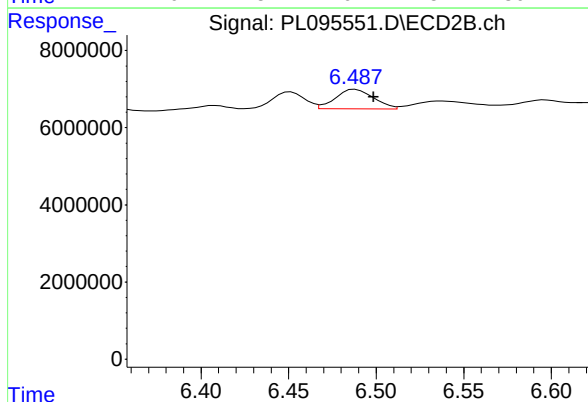
R.T.: 5.810 min  
Delta R.T.: 0.003 min  
Response: 3545781  
Conc: 0.97 ng/ml



## #19 Endosulfan Sulfate

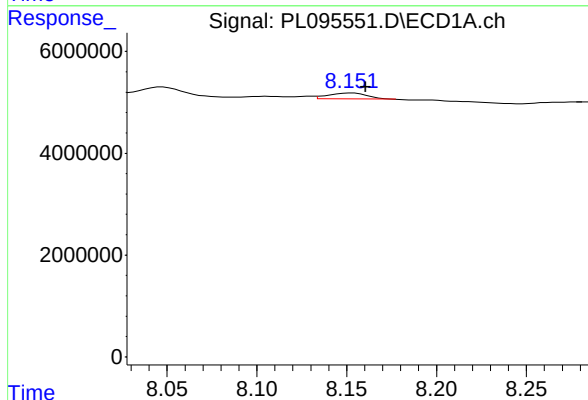
R.T.: 7.211 min  
Delta R.T.: 0.013 min  
Response: 5778596  
Conc: 2.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-E



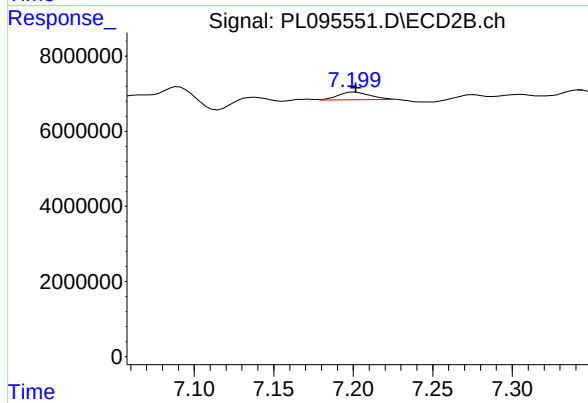
## #19 Endosulfan Sulfate

R.T.: 6.487 min  
Delta R.T.: -0.012 min  
Response: 7687261  
Conc: 2.32 ng/ml



## #22 Mirex

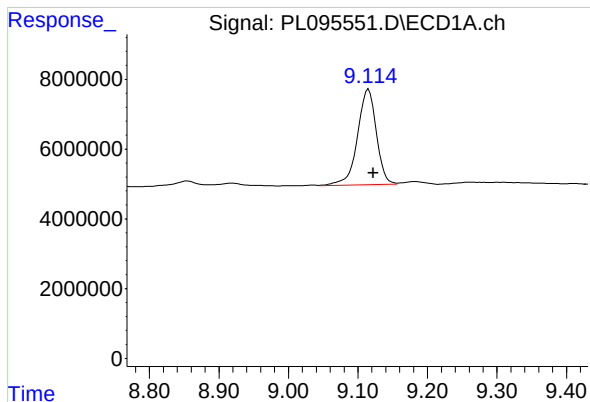
R.T.: 8.151 min  
Delta R.T.: -0.009 min  
Response: 1659215  
Conc: 0.70 ng/ml



## #22 Mirex

R.T.: 7.199 min  
Delta R.T.: -0.003 min  
Response: 2913805  
Conc: 1.01 ng/ml

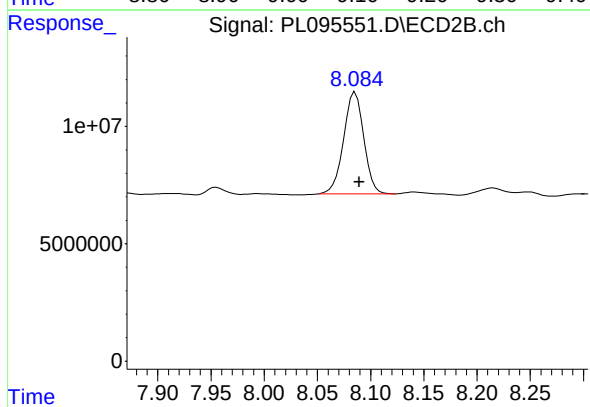




#28 Decachlorobiphenyl

R.T.: 9.114 min  
Delta R.T.: -0.008 min  
Response: 51480874  
Conc: 18.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-E



#28 Decachlorobiphenyl

R.T.: 8.086 min  
Delta R.T.: -0.004 min  
Response: 56949958  
Conc: 19.24 ng/ml

## Report of Analysis

|                    |                                       |                    |                     |
|--------------------|---------------------------------------|--------------------|---------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25            |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25            |
| Client Sample ID:  | LARGE-PILE-F                          | SDG No.:           | Q1937               |
| Lab Sample ID:     | Q1937-11                              | Matrix:            | SOIL                |
| Analytical Method: | SW8081                                | % Solid:           | 89.7      Decanted: |
| Sample Wt/Vol:     | 30.05      Units:    g                | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL       |
| Extraction Type:   |                                       | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :                         |                    |                     |
| Prep Method :      | SW3541B                               |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095552.D        | 1         | 05/05/25 08:35 | 05/05/25 20:02 | PB167854      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 0.14  | U         | 0.14                | 1.90       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.20  | U         | 0.20                | 1.90       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.43  | U         | 0.43                | 1.90       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.16  | U         | 0.16                | 1.90       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.13  | U         | 0.13                | 1.90       | ug/kg             |
| 309-00-2          | Aldrin               | 0.13  | U         | 0.13                | 1.90       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.21  | U         | 0.21                | 1.90       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.16  | U         | 0.16                | 1.90       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.26  | J         | 0.16                | 1.90       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.36  | J         | 0.16                | 1.90       | ug/kg             |
| 72-20-8           | Endrin               | 0.27  | J         | 0.16                | 1.90       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.32  | U         | 0.32                | 1.90       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.17  | U         | 0.17                | 1.90       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.68  | JP        | 0.14                | 1.90       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.16  | U         | 0.16                | 1.90       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.41  | U         | 0.41                | 1.90       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.21  | U         | 0.21                | 1.90       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.41  | U         | 0.41                | 1.90       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.13  | U         | 0.13                | 1.90       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.17  | U         | 0.17                | 1.90       | ug/kg             |
| 8001-35-2         | Toxaphene            | 6.00  | U         | 6.00                | 36.7       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 16.4  |           | 30 (20) - 150 (144) | 82%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 20.1  |           | 30 (19) - 150 (148) | 101%       | SPK: 20           |

## Report of Analysis

|                    |                                       |                    |               |
|--------------------|---------------------------------------|--------------------|---------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25      |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25      |
| Client Sample ID:  | LARGE-PILE-F                          | SDG No.:           | Q1937         |
| Lab Sample ID:     | Q1937-11                              | Matrix:            | SOIL          |
| Analytical Method: | SW8081                                | % Solid:           | 89.7          |
| Sample Wt/Vol:     | 30.05                                 | Units:             | g             |
| Soil Aliquot Vol:  |                                       |                    | uL            |
| Extraction Type:   |                                       | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                                   | PH :               |               |
| Prep Method :      | SW3541B                               | Injection Volume : |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095552.D        | 1         | 05/05/25 08:35 | 05/05/25 20:02 | PB167854      |

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

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095552.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 20:02  
 Operator : AR\AJ  
 Sample : Q1937-11  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LARGE-PILE-F

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:44:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.593 | 2.909 | 60831428 | 63953255 | 18.633  | 20.113  |
| 28) SA Decachlor...         | 9.113 | 8.084 | 41192475 | 48475701 | 14.867m | 16.381m |
|                             |       |       |          |          |         |         |
| Target Compounds            |       |       |          |          |         |         |
| 12) B 4,4'-DDE              | 6.239 | 5.395 | 1311353  | 3928331  | 0.334m  | 0.966m# |
| 13) MA Dieldrin             | 6.390 | 5.528 | 2550140  | 2851688  | 0.662m  | 0.701m  |
| 14) MA Endrin               | 6.619 | 5.809 | 2361599  | 2610627  | 0.742m  | 0.717m  |
| 19) B Endosulfa...          | 7.188 | 6.486 | 3394879  | 6028014  | 1.212m  | 1.817m# |
| -----                       |       |       |          |          |         |         |

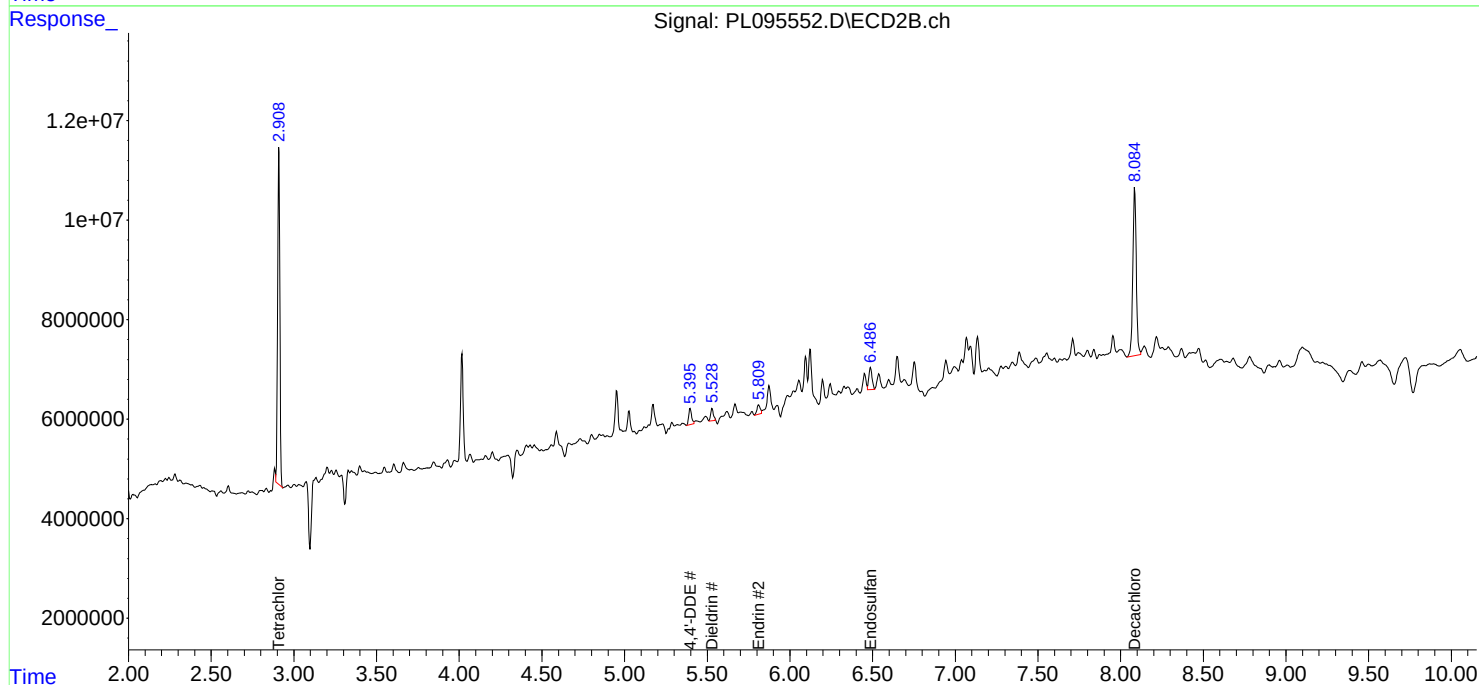
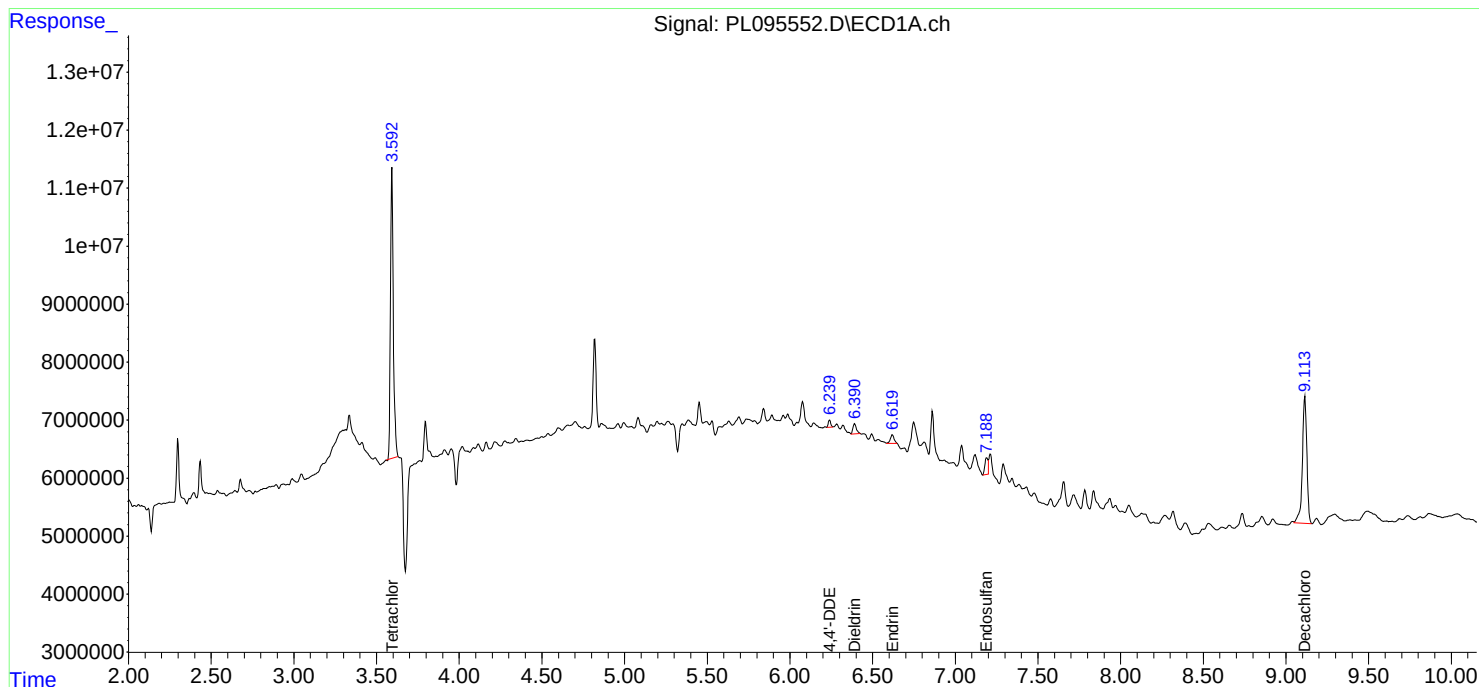
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

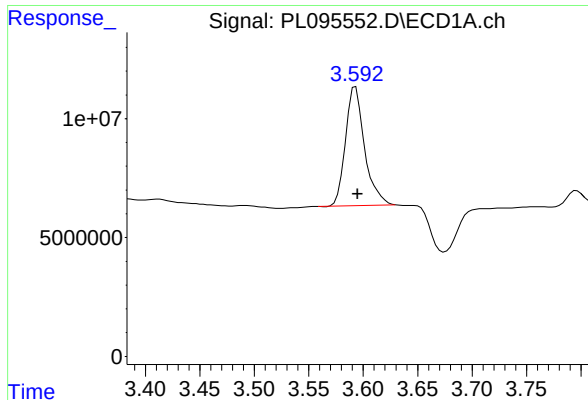
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095552.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 20:02  
Operator : AR\AJ  
Sample : Q1937-11  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-F

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:44:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

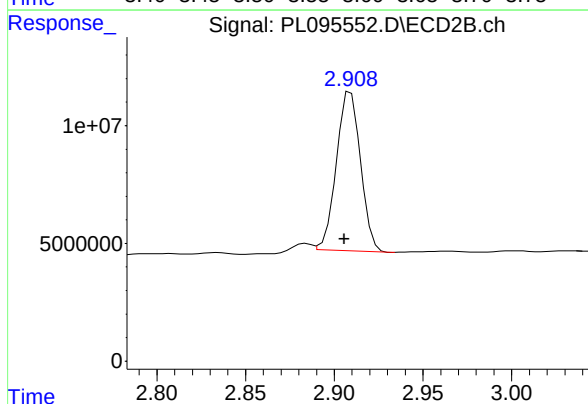




#1 Tetrachloro-m-xylene

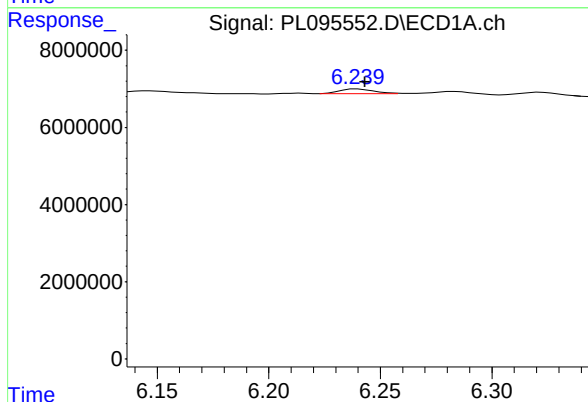
R.T.: 3.593 min  
Delta R.T.: -0.002 min  
Response: 60831428  
Conc: 18.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-F



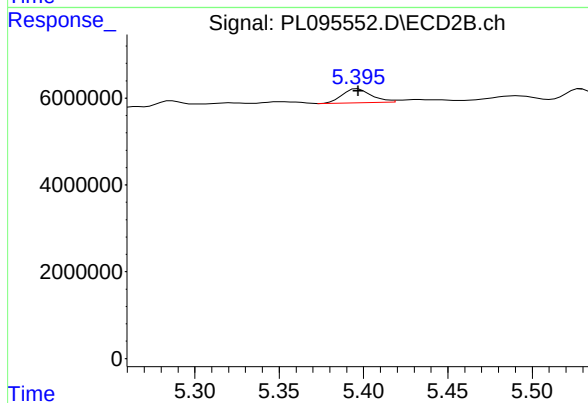
#1 Tetrachloro-m-xylene

R.T.: 2.909 min  
Delta R.T.: 0.004 min  
Response: 63953255  
Conc: 20.11 ng/ml



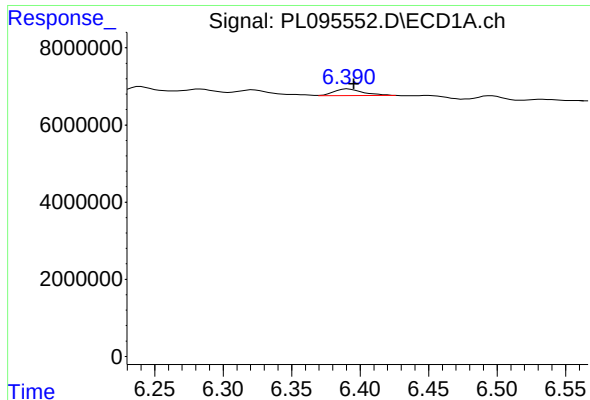
#12 4,4'-DDE

R.T.: 6.239 min  
Delta R.T.: -0.005 min  
Response: 1311353  
Conc: 0.33 ng/ml m



#12 4,4'-DDE

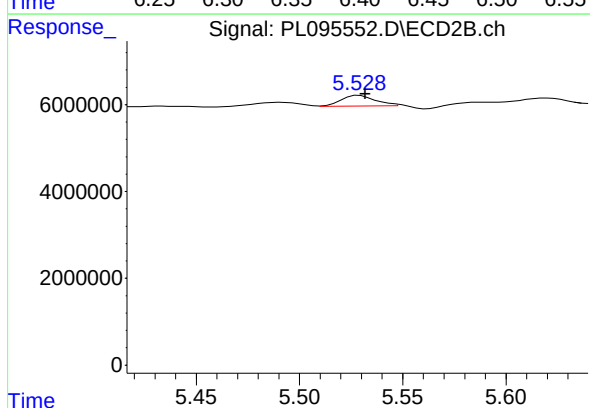
R.T.: 5.395 min  
Delta R.T.: -0.002 min  
Response: 3928331  
Conc: 0.97 ng/ml m



#13 Dieldrin

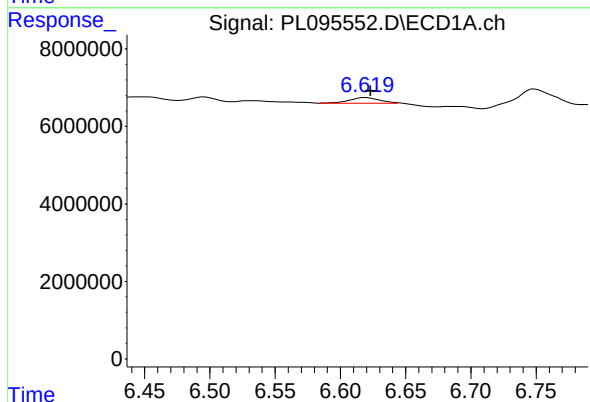
R.T.: 6.390 min  
Delta R.T.: -0.006 min  
Response: 2550140  
Conc: 0.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-F



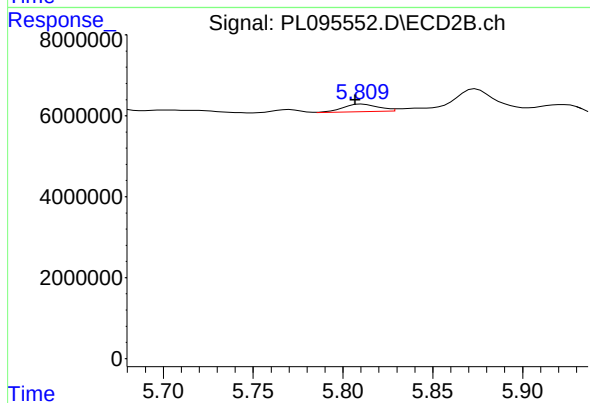
#13 Dieldrin

R.T.: 5.528 min  
Delta R.T.: -0.004 min  
Response: 2851688  
Conc: 0.70 ng/ml m



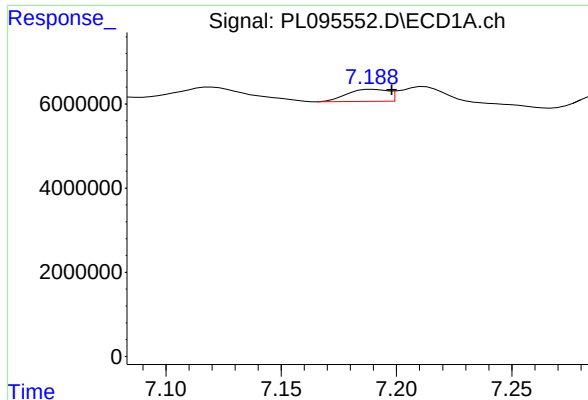
#14 Endrin

R.T.: 6.619 min  
Delta R.T.: -0.005 min  
Response: 2361599  
Conc: 0.74 ng/ml m



#14 Endrin

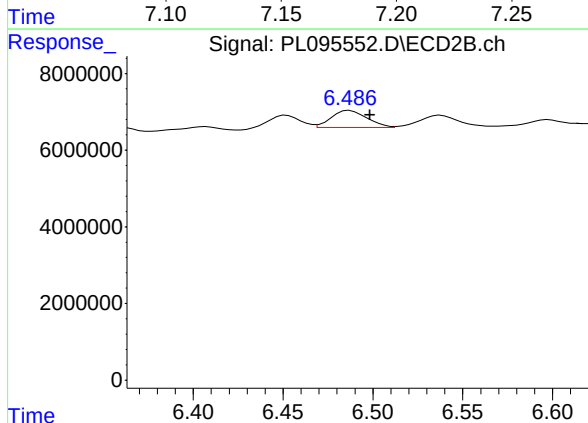
R.T.: 5.809 min  
Delta R.T.: 0.002 min  
Response: 2610627  
Conc: 0.72 ng/ml m



## #19 Endosulfan Sulfate

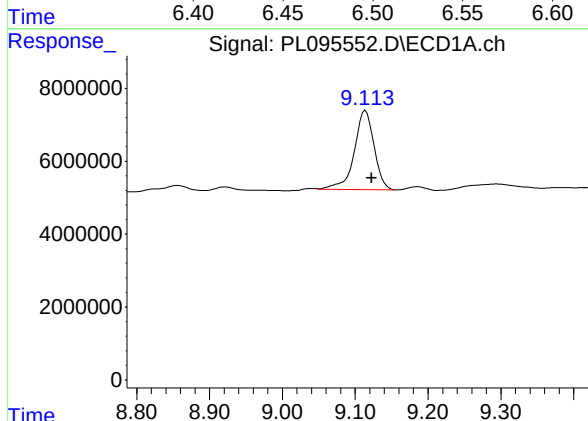
R.T.: 7.188 min  
Delta R.T.: -0.010 min  
Response: 3394879  
Conc: 1.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LARGE-PILE-F



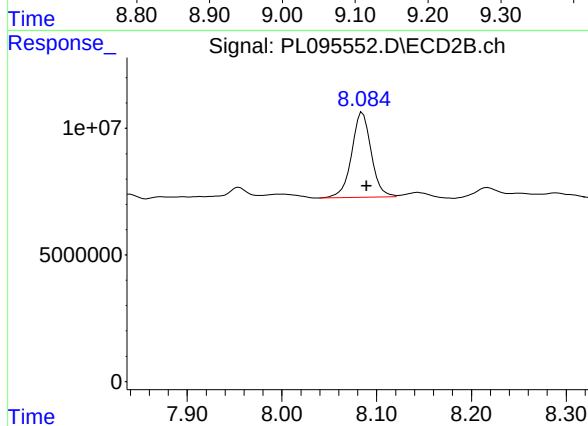
## #19 Endosulfan Sulfate

R.T.: 6.486 min  
Delta R.T.: -0.013 min  
Response: 6028014  
Conc: 1.82 ng/ml m



## #28 Decachlorobiphenyl

R.T.: 9.113 min  
Delta R.T.: -0.009 min  
Response: 41192475  
Conc: 14.87 ng/ml m



## #28 Decachlorobiphenyl

R.T.: 8.084 min  
Delta R.T.: -0.006 min  
Response: 48475701  
Conc: 16.38 ng/ml m





# CALIBRATION SUMMARY

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

[illegible]

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

[illegible]

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** SAXT01  
**Lab Code:** CHEM **Case No.:** Q1937 **SAS No.:** Q1937 **SDG NO.:** Q1937  
**Instrument ID:** ECD\_L  
**Calibration Date(s):** 04/23/2025 04/23/2025  
**Calibration Times:** 11:31 12:26

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

| <b>LAB FILE ID:</b>               |            | <b>CF 100 =</b> <u>PL095329.D</u> |            | <b>CF 075 =</b> <u>PL095330.D</u> |            |            |       |
|-----------------------------------|------------|-----------------------------------|------------|-----------------------------------|------------|------------|-------|
| <b>CF 050 =</b> <u>PL095331.D</u> |            | <b>CF 025 =</b> <u>PL095332.D</u> |            | <b>CF 005 =</b> <u>PL095333.D</u> |            |            |       |
| COMPOUND                          | CF 100     | CF 075                            | CF 050     | CF 025                            | CF 005     | CF         | % RSD |
| 4,4'-DDD                          | 2865080000 | 2820110000                        | 2707400000 | 2820390000                        | 2941790000 | 2830960000 | 3     |
| 4,4'-DDE                          | 3926930000 | 3864370000                        | 3733720000 | 3923550000                        | 4154180000 | 3920550000 | 4     |
| 4,4'-DDT                          | 2903290000 | 2865670000                        | 2760290000 | 2861180000                        | 2852460000 | 2848580000 | 2     |
| Aldrin                            | 4647840000 | 4586260000                        | 4401320000 | 4541780000                        | 4787920000 | 4593020000 | 3     |
| alpha-BHC                         | 5150700000 | 5065320000                        | 4774330000 | 4852360000                        | 4926030000 | 4953750000 | 3     |
| alpha-Chlordane                   | 4076760000 | 4030350000                        | 3886010000 | 4083630000                        | 4253720000 | 4066090000 | 3     |
| beta-BHC                          | 2022450000 | 2016400000                        | 1965250000 | 2085680000                        | 2247800000 | 2067520000 | 5     |
| Decachlorobiphenyl                | 2647270000 | 2643130000                        | 2643240000 | 2821430000                        | 3098960000 | 2770810000 | 7     |
| delta-BHC                         | 4738070000 | 4633190000                        | 4424190000 | 4566110000                        | 4891850000 | 4650680000 | 4     |
| Dieldrin                          | 3906950000 | 3842890000                        | 3678670000 | 3851250000                        | 3994310000 | 3854810000 | 3     |
| Endosulfan I                      | 3770440000 | 3742230000                        | 3626630000 | 3786630000                        | 4061610000 | 3797510000 | 4     |
| Endosulfan II                     | 3128440000 | 3103520000                        | 3002730000 | 3212680000                        | 3513410000 | 3192160000 | 6     |
| Endosulfan sulfate                | 2745420000 | 2730650000                        | 2668320000 | 2842960000                        | 3021620000 | 2801790000 | 5     |
| Endrin                            | 3180610000 | 3135010000                        | 3029370000 | 3189370000                        | 3389380000 | 3184750000 | 4     |
| Endrin aldehyde                   | 2276780000 | 2261540000                        | 2217540000 | 2374650000                        | 2473490000 | 2320800000 | 4     |
| Endrin ketone                     | 2808150000 | 2785670000                        | 2719210000 | 2881190000                        | 3060160000 | 2850880000 | 5     |
| gamma-BHC (Lindane)               | 4856470000 | 4786000000                        | 4549760000 | 4668080000                        | 4809580000 | 4733980000 | 3     |
| gamma-Chlordane                   | 4124190000 | 4059250000                        | 3905550000 | 4078750000                        | 4229020000 | 4079350000 | 3     |
| Heptachlor                        | 4568820000 | 4531980000                        | 4377790000 | 4575770000                        | 4817970000 | 4574470000 | 3     |
| Heptachlor epoxide                | 3988500000 | 3934340000                        | 3801190000 | 4031630000                        | 4270090000 | 4005150000 | 4     |
| Methoxychlor                      | 1352180000 | 1349600000                        | 1330140000 | 1425930000                        | 1517800000 | 1395130000 | 6     |
| Tetrachloro-m-xylene              | 3234910000 | 3230840000                        | 3121140000 | 3291160000                        | 3445310000 | 3264670000 | 4     |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** SAXT01  
**Lab Code:** CHEM **Case No.:** Q1937 **SAS No.:** Q1937 **SDG NO.:** Q1937  
**Instrument ID:** ECD\_L  
**Calibration Date(s):** 04/23/2025 04/23/2025  
**Calibration Times:** 11:31 12:26  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| <b>LAB FILE ID:</b>               |            | <b>CF 100 =</b> <u>PL095329.D</u> |            | <b>CF 075 =</b> <u>PL095330.D</u> |            |            |       |
|-----------------------------------|------------|-----------------------------------|------------|-----------------------------------|------------|------------|-------|
| <b>CF 050 =</b> <u>PL095331.D</u> |            | <b>CF 025 =</b> <u>PL095332.D</u> |            | <b>CF 005 =</b> <u>PL095333.D</u> |            |            |       |
| COMPOUND                          | CF 100     | CF 075                            | CF 050     | CF 025                            | CF 005     | CF         | % RSD |
| 4,4'-DDD                          | 3451170000 | 3194300000                        | 3089420000 | 3267920000                        | 3331160000 | 3266790000 | 4     |
| 4,4'-DDE                          | 4259410000 | 3966100000                        | 3865330000 | 4094560000                        | 4149440000 | 4066970000 | 4     |
| 4,4'-DDT                          | 3670140000 | 3377430000                        | 3277310000 | 3441260000                        | 3414750000 | 3436180000 | 4     |
| Aldrin                            | 4336230000 | 4110670000                        | 3932000000 | 4090330000                        | 4109170000 | 4115680000 | 4     |
| alpha-BHC                         | 4736540000 | 4516850000                        | 4297240000 | 4349260000                        | 4343700000 | 4448720000 | 4     |
| alpha-Chlordane                   | 4133620000 | 3862560000                        | 3765120000 | 4001070000                        | 4142940000 | 3981060000 | 4     |
| beta-BHC                          | 2067890000 | 1993150000                        | 1943400000 | 2123640000                        | 2251240000 | 2075870000 | 6     |
| Decachlorobiphenyl                | 3012930000 | 2805190000                        | 2819260000 | 3040170000                        | 3118780000 | 2959270000 | 5     |
| delta-BHC                         | 4648560000 | 4403980000                        | 4210640000 | 4308090000                        | 4338550000 | 4381960000 | 4     |
| Dieldrin                          | 4236430000 | 3965120000                        | 3821410000 | 4048720000                        | 4263750000 | 4067090000 | 5     |
| Endosulfan I                      | 3807730000 | 3560790000                        | 3497100000 | 3705930000                        | 3730570000 | 3660420000 | 3     |
| Endosulfan II                     | 3698040000 | 3467810000                        | 3383890000 | 3618180000                        | 3787600000 | 3591100000 | 5     |
| Endosulfan sulfate                | 3392490000 | 3183240000                        | 3137080000 | 3349770000                        | 3527070000 | 3317930000 | 5     |
| Endrin                            | 3800710000 | 3545950000                        | 3460240000 | 3666780000                        | 3729930000 | 3640720000 | 4     |
| Endrin aldehyde                   | 2674690000 | 2521940000                        | 2472880000 | 2646040000                        | 2750240000 | 2613160000 | 4     |
| Endrin ketone                     | 3628850000 | 3413660000                        | 3354790000 | 3555450000                        | 3653710000 | 3521290000 | 4     |
| gamma-BHC (Lindane)               | 4631690000 | 4416100000                        | 4228420000 | 4346320000                        | 4368600000 | 4398230000 | 3     |
| gamma-Chlordane                   | 4227760000 | 3927530000                        | 3820020000 | 4050010000                        | 4238020000 | 4052670000 | 5     |
| Heptachlor                        | 4496590000 | 4284140000                        | 4154420000 | 4363150000                        | 4485210000 | 4356700000 | 3     |
| Heptachlor epoxide                | 3969410000 | 3758210000                        | 3669420000 | 3887920000                        | 4028340000 | 3862660000 | 4     |
| Methoxychlor                      | 1917900000 | 1805540000                        | 1811740000 | 1949450000                        | 2052510000 | 1907430000 | 5     |
| Tetrachloro-m-xylene              | 3206620000 | 3119570000                        | 3030900000 | 3186820000                        | 3354850000 | 3179750000 | 4     |



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

# INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

Instrument ID: ECD\_L Date(s) Analyzed: 04/23/2025 04/23/2025

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

| COMPOUND  | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|-----------|----------------|------|------|-----------|------|-----------------------|
|           |                |      |      | FROM      | TO   |                       |
| Toxaphene | 500            | 1    | 6.29 | 6.19      | 6.39 | 28235200              |
|           |                | 2    | 6.49 | 6.39      | 6.59 | 39421500              |
|           |                | 3    | 7.10 | 7.00      | 7.20 | 96309000              |
|           |                | 4    | 7.19 | 7.09      | 7.29 | 70316900              |
|           |                | 5    | 7.97 | 7.87      | 8.07 | 49098200              |



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

# INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

Instrument ID: ECD\_L Date(s) Analyzed: 04/23/2025 04/23/2025

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

| COMPOUND  | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|-----------|----------------|------|------|-----------|------|-----------------------|
|           |                |      |      | FROM      | TO   |                       |
| Toxaphene | 500            | 1    | 5.17 | 5.07      | 5.27 | 24602200              |
|           |                | 2    | 5.49 | 5.39      | 5.59 | 23566500              |
|           |                | 3    | 5.85 | 5.75      | 5.95 | 25599600              |
|           |                | 4    | 6.77 | 6.67      | 6.87 | 76845100              |
|           |                | 5    | 7.21 | 7.11      | 7.31 | 55473400              |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
 Data File : PL095329.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 11:31  
 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: Apr 23 12:29:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 12:26:08 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|---------|---------|---------|---------|
| -----                       |                 |       |       |         |         |         |         |
| System Monitoring Compounds |                 |       |       |         |         |         |         |
| 1)                          | SA Tetrachlo... | 3.595 | 2.906 | 323.5E6 | 320.7E6 | 101.790 | 102.817 |
| 28)                         | SA Decachlor... | 9.123 | 8.089 | 264.7E6 | 301.3E6 | 100.076 | 103.321 |
| Target Compounds            |                 |       |       |         |         |         |         |
| 2)                          | A alpha-BHC     | 4.046 | 3.416 | 515.1E6 | 473.7E6 | 103.792 | 104.863 |
| 3)                          | MA gamma-BHC... | 4.378 | 3.750 | 485.6E6 | 463.2E6 | 103.261 | 104.552 |
| 4)                          | MA Heptachlor   | 4.976 | 4.105 | 456.9E6 | 449.7E6 | 102.135 | 103.955 |
| 5)                          | MB Aldrin       | 5.318 | 4.390 | 464.8E6 | 433.6E6 | 102.724 | 104.889 |
| 6)                          | B beta-BHC      | 4.563 | 4.043 | 202.2E6 | 206.8E6 | 101.434 | 103.103 |
| 7)                          | B delta-BHC     | 4.812 | 4.280 | 473.8E6 | 464.9E6 | 103.426 | 104.943 |
| 8)                          | B Heptachlo...  | 5.739 | 4.893 | 398.8E6 | 396.9E6 | 102.405 | 103.927 |
| 9)                          | A Endosulfan I  | 6.122 | 5.266 | 377.0E6 | 380.8E6 | 101.944 | 104.252 |
| 10)                         | B gamma-Chl...  | 5.993 | 5.146 | 412.4E6 | 422.8E6 | 102.723 | 105.067 |
| 11)                         | B alpha-Chl...  | 6.074 | 5.210 | 407.7E6 | 413.4E6 | 102.396 | 104.665 |
| 12)                         | B 4,4'-DDE      | 6.243 | 5.397 | 392.7E6 | 425.9E6 | 102.522 | 104.850 |
| 13)                         | MA Dieldrin     | 6.395 | 5.532 | 390.7E6 | 423.6E6 | 103.009 | 105.151 |
| 14)                         | MA Endrin       | 6.623 | 5.807 | 318.1E6 | 380.1E6 | 102.435 | 104.689 |
| 15)                         | B Endosulfa...  | 6.835 | 6.097 | 312.8E6 | 369.8E6 | 102.050 | 104.436 |
| 16)                         | A 4,4'-DDD      | 6.753 | 5.949 | 286.5E6 | 345.1E6 | 102.830 | 105.531 |
| 17)                         | MA 4,4'-DDT     | 7.068 | 6.204 | 290.3E6 | 367.0E6 | 102.525 | 105.654 |
| 18)                         | B Endrin al...  | 6.964 | 6.275 | 227.7E6 | 267.5E6 | 101.318 | 103.921 |
| 19)                         | B Endosulfa...  | 7.197 | 6.498 | 274.5E6 | 339.2E6 | 101.424 | 103.912 |
| 20)                         | A Methoxychlor  | 7.540 | 6.775 | 135.2E6 | 191.8E6 | 100.822 | 102.846 |
| 21)                         | B Endrin ke...  | 7.679 | 7.004 | 280.8E6 | 362.9E6 | 101.609 | 103.924 |
| 22)                         | Mirex           | 8.161 | 7.201 | 221.4E6 | 287.9E6 | 99.567  | 102.890 |

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

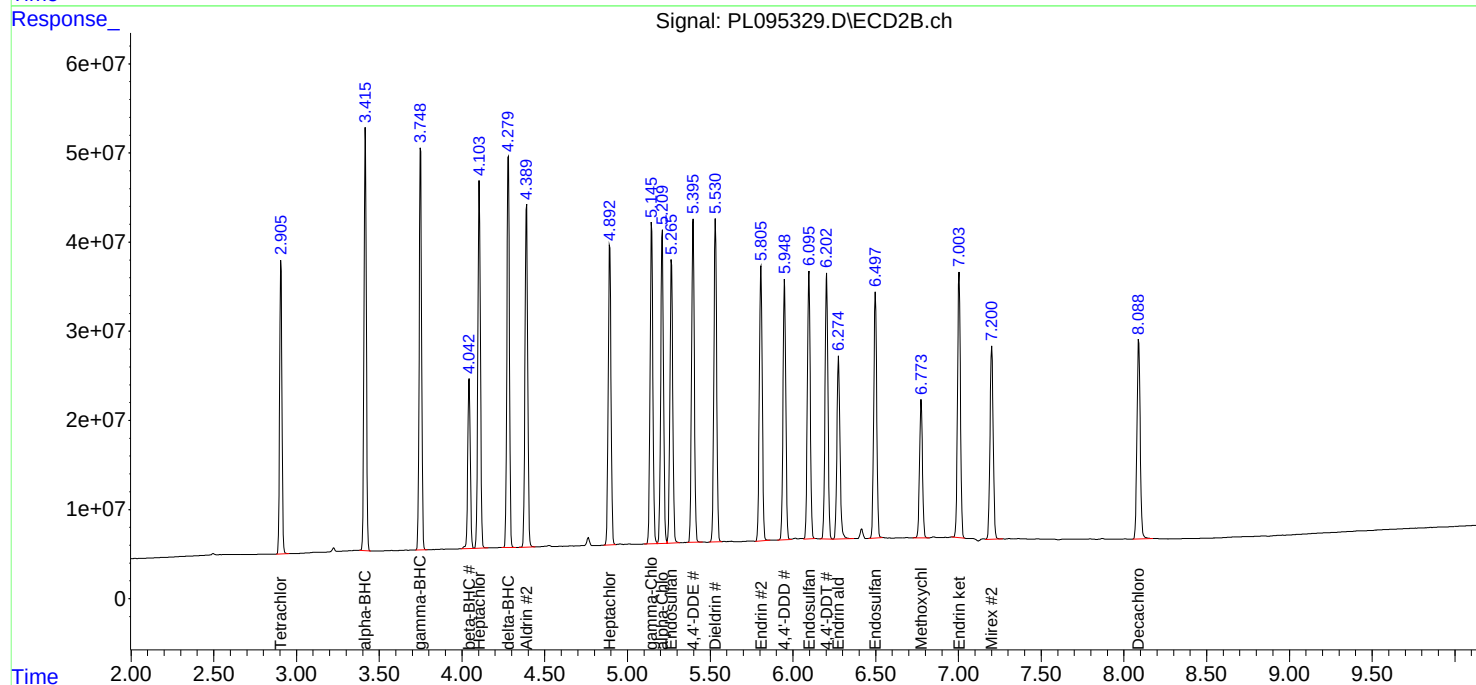
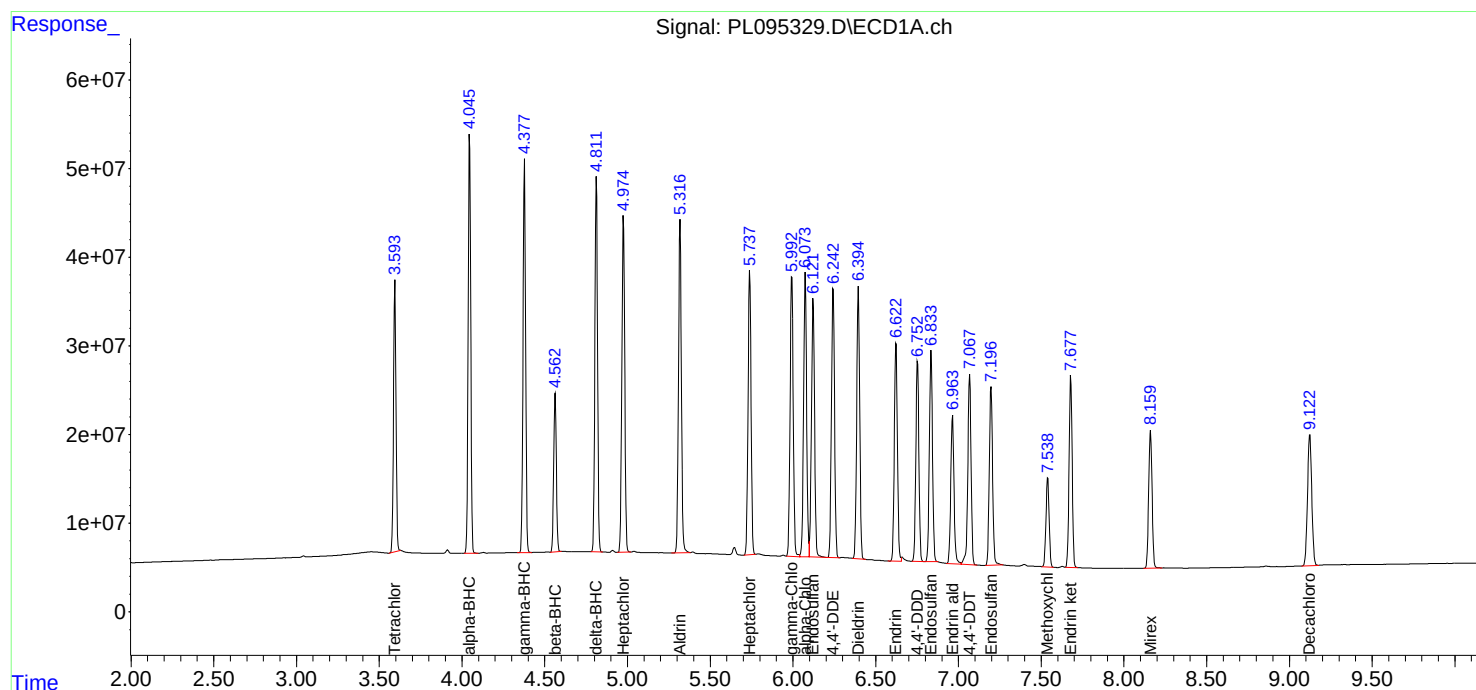


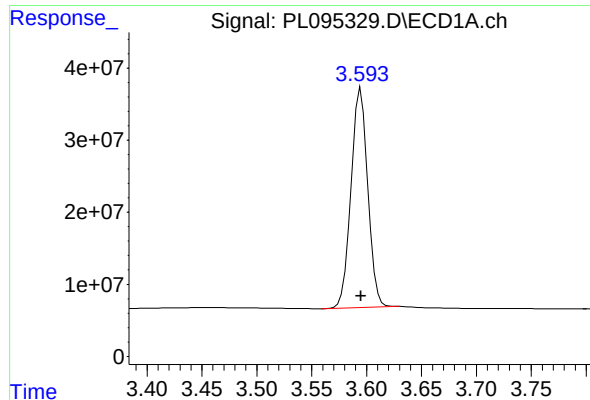
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095329.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 11:31  
Operator : AR\AJ  
Sample : PSTDICC100  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC100

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 12:29:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 12:26:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

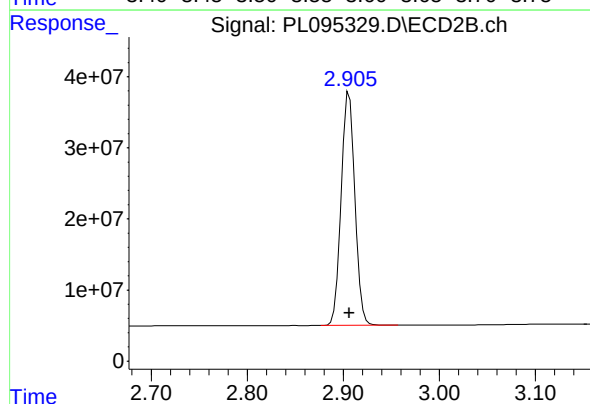




#1 Tetrachloro-m-xylene

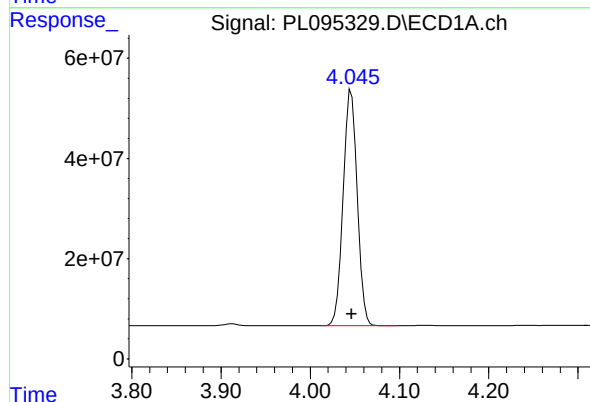
R.T.: 3.595 min  
Delta R.T.: 0.000 min  
Response: 323491125  
Conc: 101.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC100



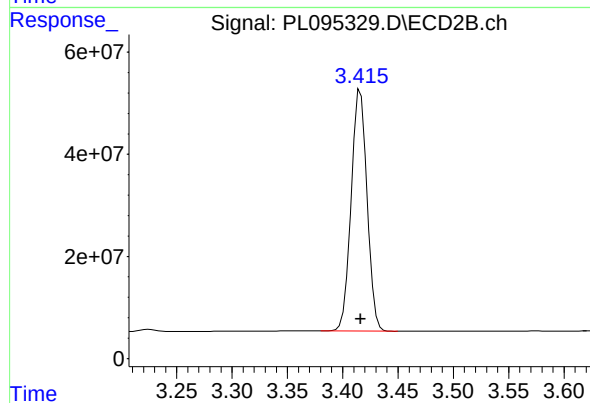
#1 Tetrachloro-m-xylene

R.T.: 2.906 min  
Delta R.T.: 0.000 min  
Response: 320661815  
Conc: 102.82 ng/ml



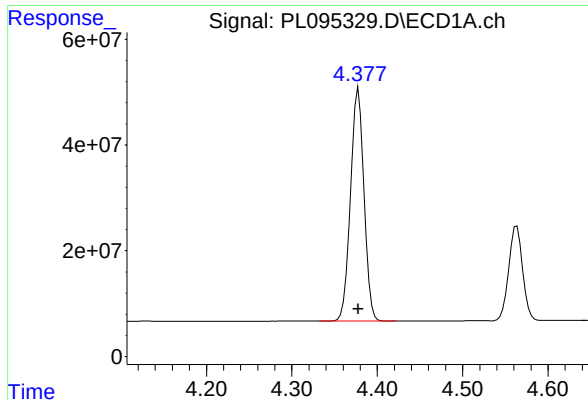
#2 alpha-BHC

R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 515070430  
Conc: 103.79 ng/ml



#2 alpha-BHC

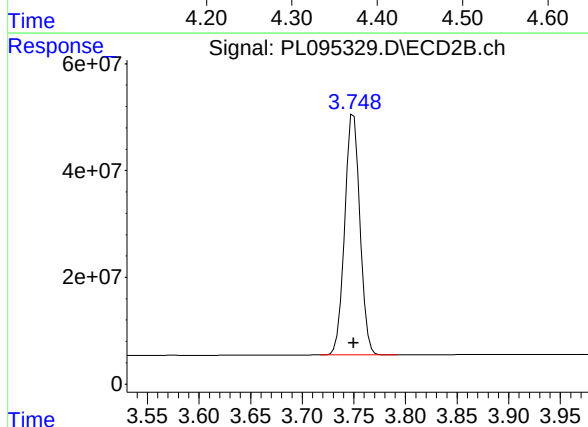
R.T.: 3.416 min  
Delta R.T.: 0.000 min  
Response: 473654475  
Conc: 104.86 ng/ml



#3 gamma-BHC (Lindane)

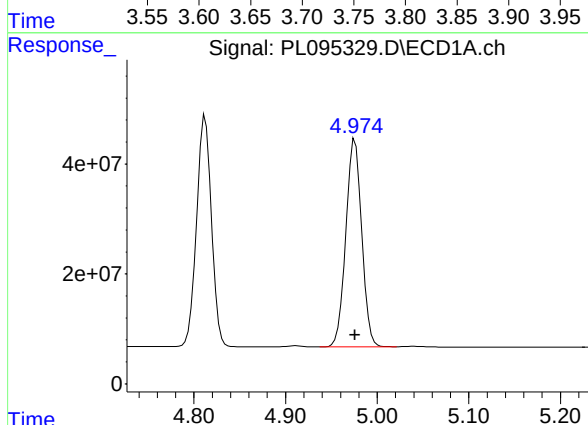
R.T.: 4.378 min  
Delta R.T.: 0.000 min  
Response: 485646578  
Conc: 103.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC100



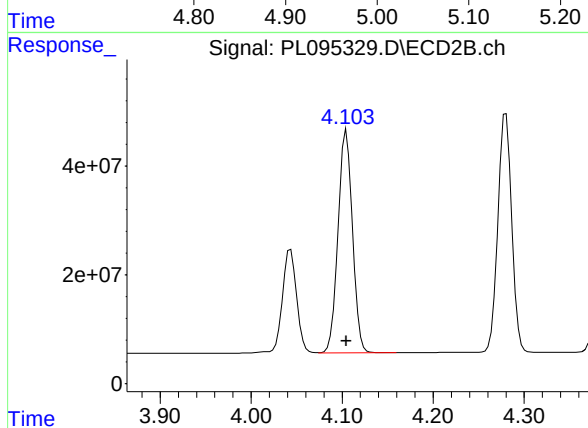
#3 gamma-BHC (Lindane)

R.T.: 3.750 min  
Delta R.T.: 0.000 min  
Response: 463168586  
Conc: 104.55 ng/ml



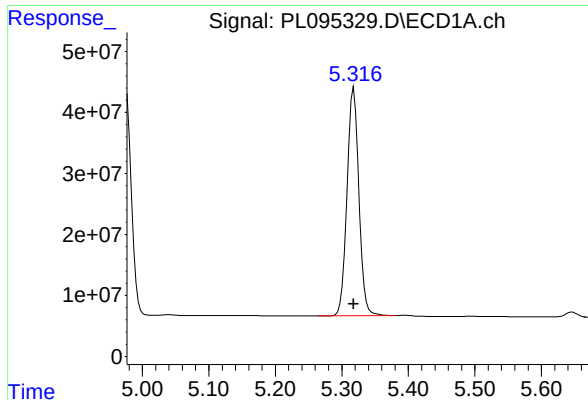
#4 Heptachlor

R.T.: 4.976 min  
Delta R.T.: 0.000 min  
Response: 456881987  
Conc: 102.14 ng/ml



#4 Heptachlor

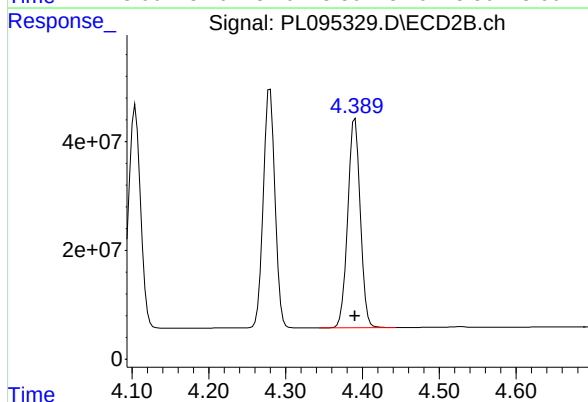
R.T.: 4.105 min  
Delta R.T.: 0.000 min  
Response: 449658556  
Conc: 103.96 ng/ml



#5 Aldrin

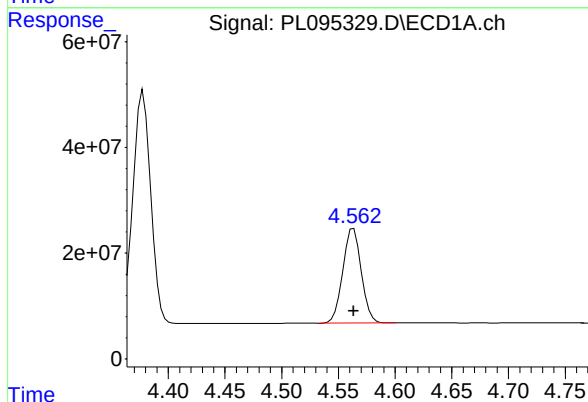
R.T.: 5.318 min  
Delta R.T.: 0.000 min  
Response: 464783691  
Conc: 102.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC100



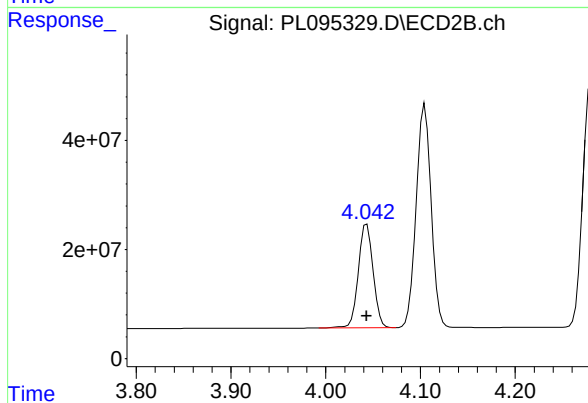
#5 Aldrin

R.T.: 4.390 min  
Delta R.T.: 0.000 min  
Response: 433622988  
Conc: 104.89 ng/ml



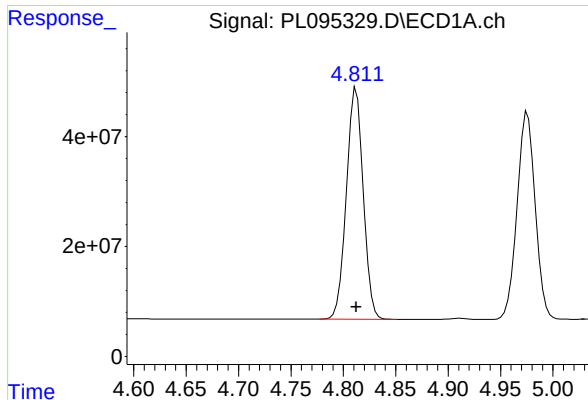
#6 beta-BHC

R.T.: 4.563 min  
Delta R.T.: 0.000 min  
Response: 202245248  
Conc: 101.43 ng/ml



#6 beta-BHC

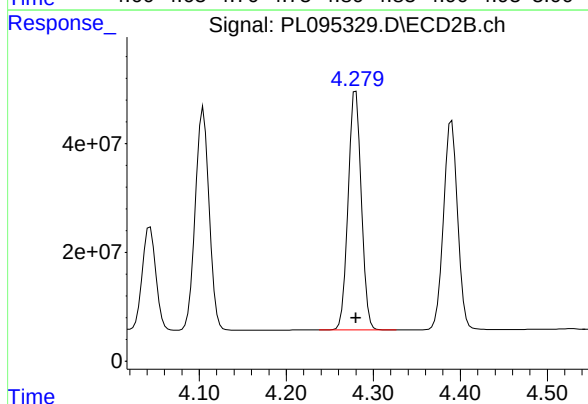
R.T.: 4.043 min  
Delta R.T.: 0.000 min  
Response: 206788694  
Conc: 103.10 ng/ml



#7 delta-BHC

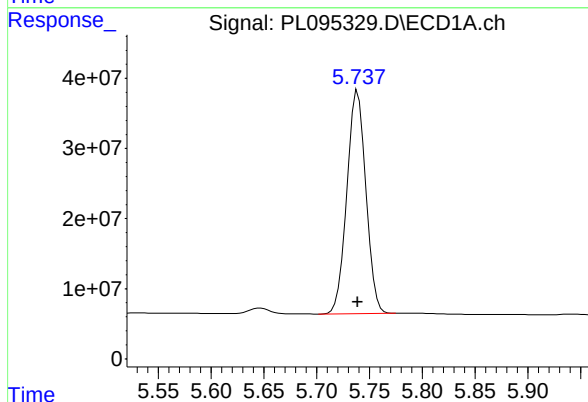
R.T.: 4.812 min  
Delta R.T.: 0.000 min  
Response: 473807061  
Conc: 103.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC100



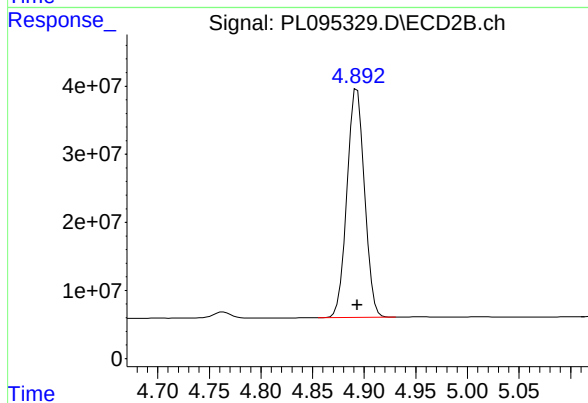
#7 delta-BHC

R.T.: 4.280 min  
Delta R.T.: 0.000 min  
Response: 464855530  
Conc: 104.94 ng/ml



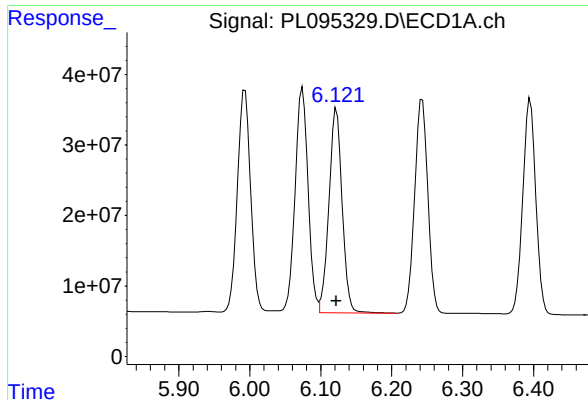
#8 Heptachlor epoxide

R.T.: 5.739 min  
Delta R.T.: 0.000 min  
Response: 398849731  
Conc: 102.40 ng/ml



#8 Heptachlor epoxide

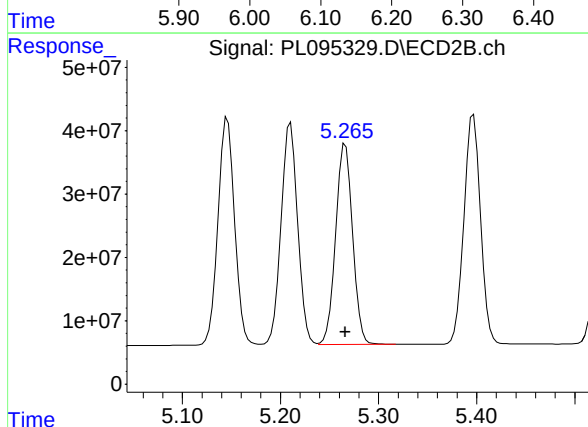
R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 396941132  
Conc: 103.93 ng/ml



## #9 Endosulfan I

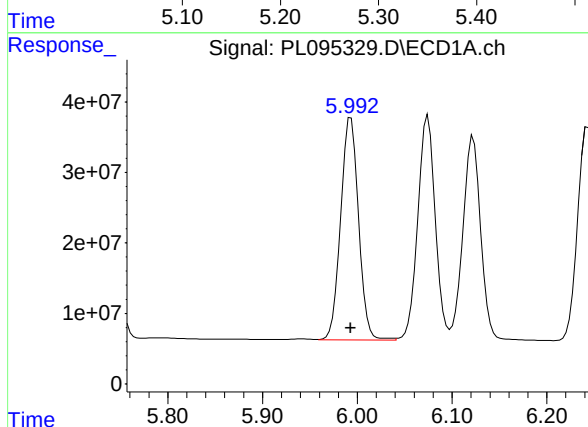
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 377044280  
Conc: 101.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC100



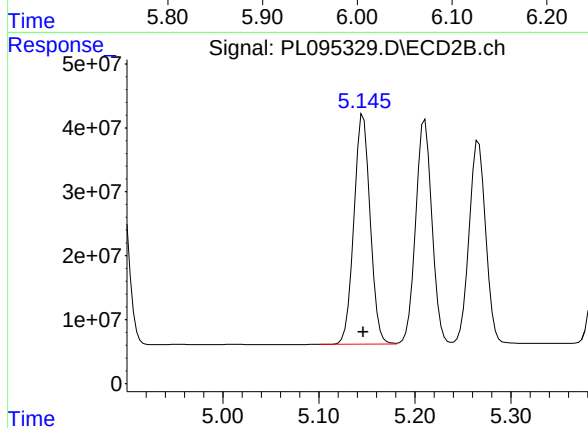
## #9 Endosulfan I

R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 380773241  
Conc: 104.25 ng/ml



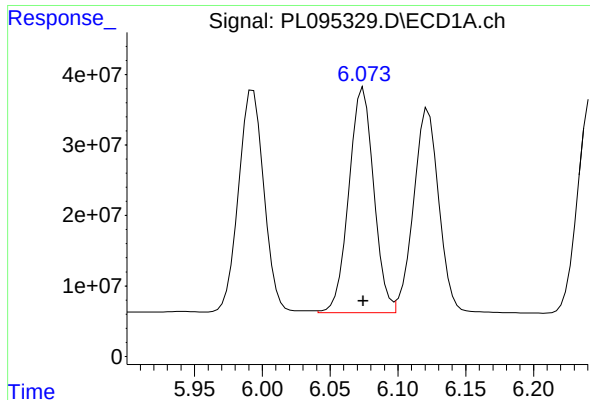
## #10 gamma-Chlordane

R.T.: 5.993 min  
Delta R.T.: 0.000 min  
Response: 412419220  
Conc: 102.72 ng/ml



## #10 gamma-Chlordane

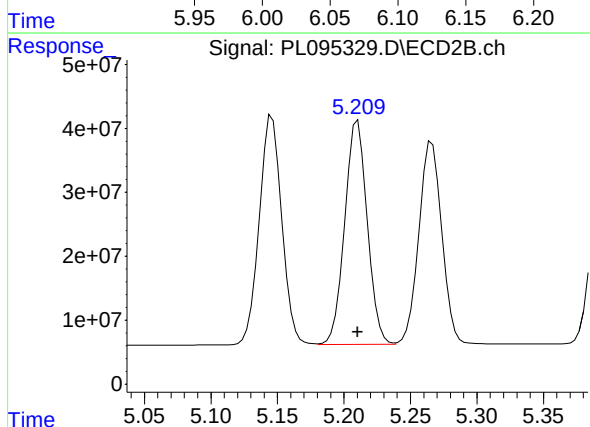
R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 422776294  
Conc: 105.07 ng/ml



#11 alpha-Chlordane

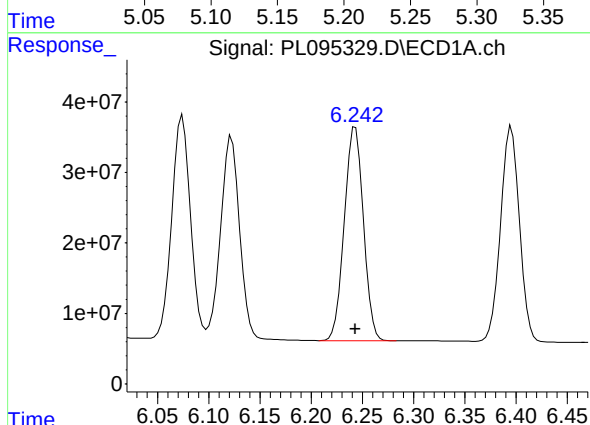
R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 407676371  
Conc: 102.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC100



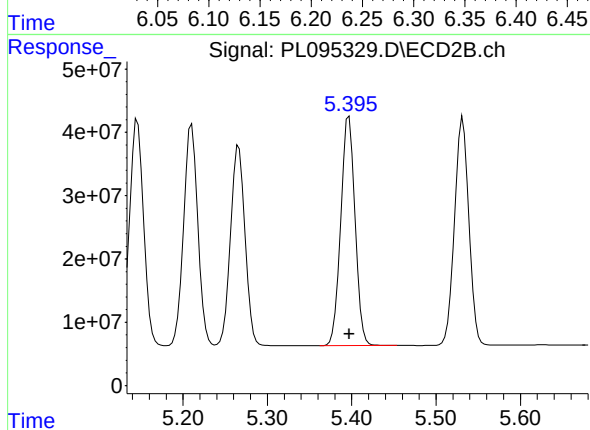
#11 alpha-Chlordane

R.T.: 5.210 min  
Delta R.T.: 0.000 min  
Response: 413362305  
Conc: 104.67 ng/ml



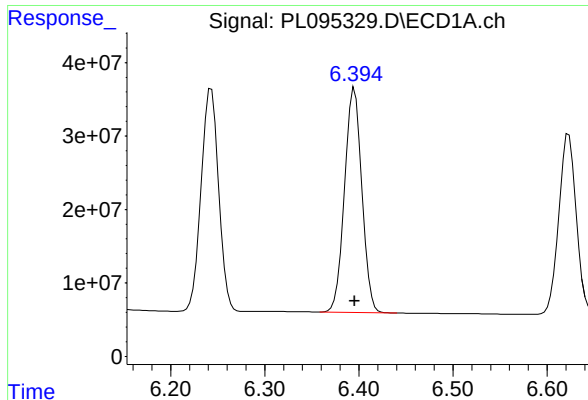
#12 4,4'-DDE

R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 392693208  
Conc: 102.52 ng/ml



#12 4,4'-DDE

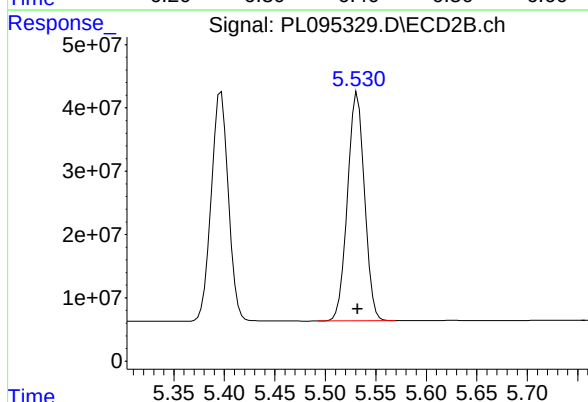
R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 425941388  
Conc: 104.85 ng/ml



#13 Dieldrin

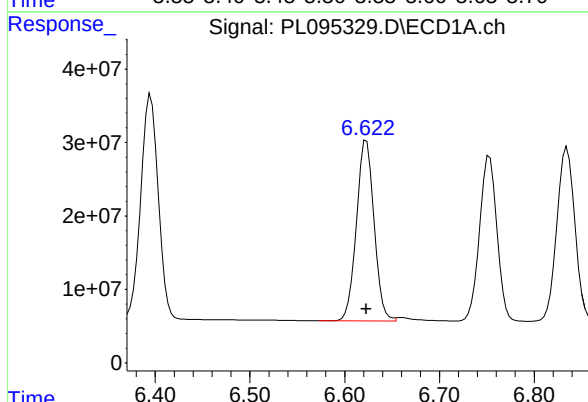
R.T.: 6.395 min  
Delta R.T.: 0.000 min  
Response: 390695114  
Conc: 103.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC100



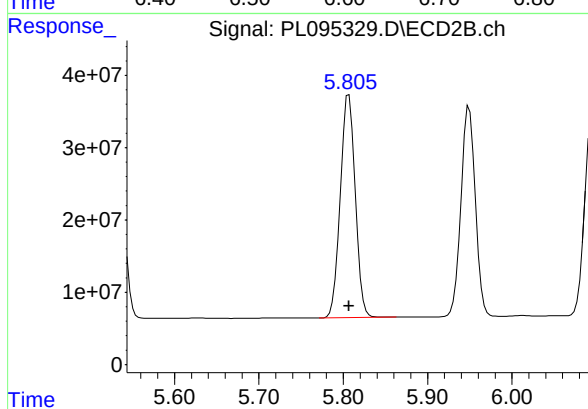
#13 Dieldrin

R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 423643266  
Conc: 105.15 ng/ml



#14 Endrin

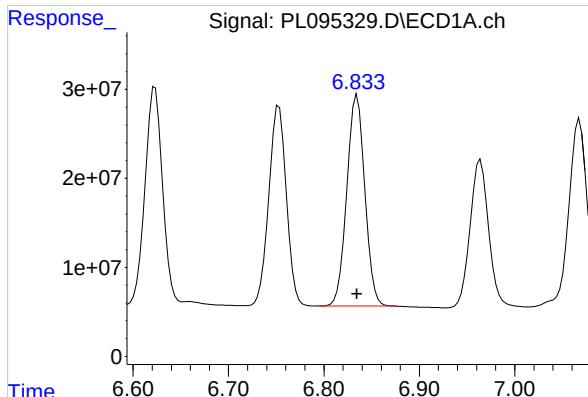
R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 318061123  
Conc: 102.44 ng/ml



#14 Endrin

R.T.: 5.807 min  
Delta R.T.: 0.000 min  
Response: 380070631  
Conc: 104.69 ng/ml

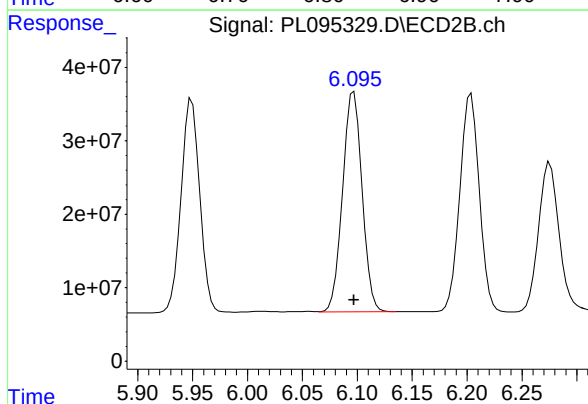




#15 Endosulfan II

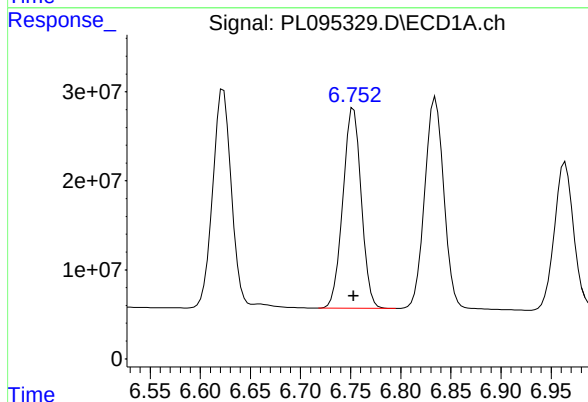
R.T.: 6.835 min  
Delta R.T.: 0.000 min  
Response: 312843730  
Conc: 102.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC100



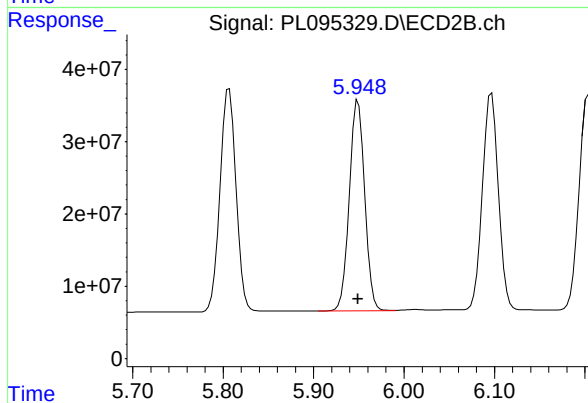
#15 Endosulfan II

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 369804223  
Conc: 104.44 ng/ml



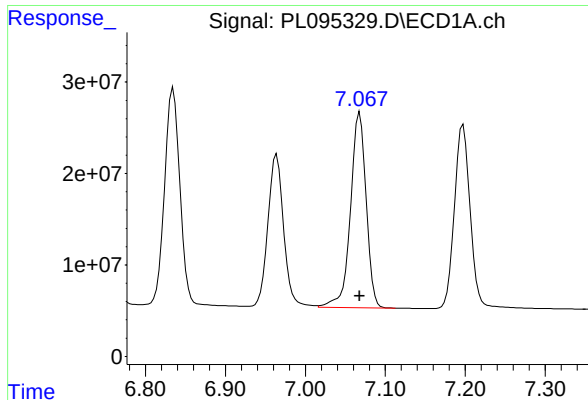
#16 4,4'-DDD

R.T.: 6.753 min  
Delta R.T.: 0.000 min  
Response: 286508080  
Conc: 102.83 ng/ml



#16 4,4'-DDD

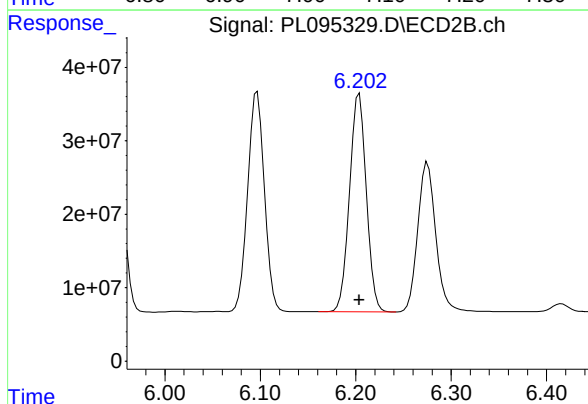
R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 345117468  
Conc: 105.53 ng/ml



#17 4,4'-DDT

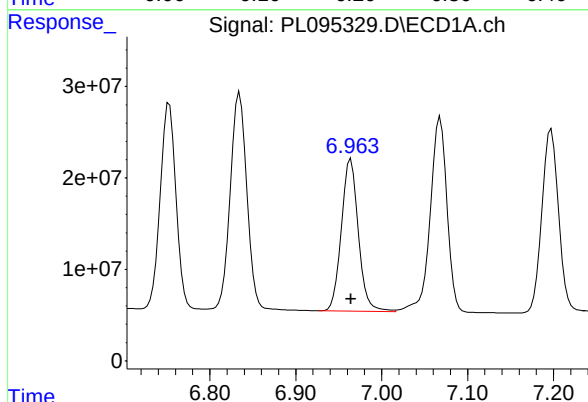
R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 290329287  
Conc: 102.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC100



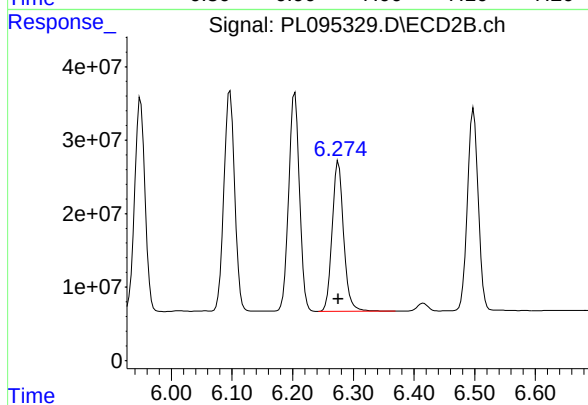
#17 4,4'-DDT

R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 367013697  
Conc: 105.65 ng/ml



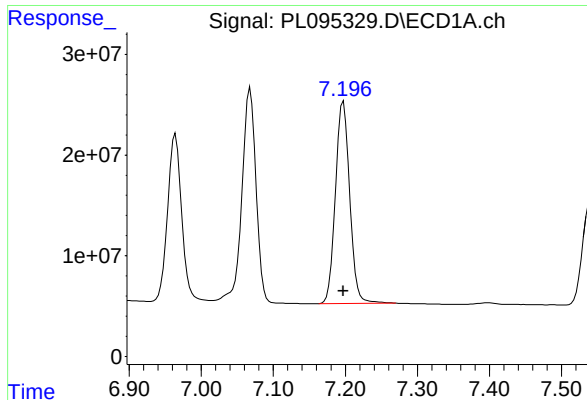
#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: 0.000 min  
Response: 227678358  
Conc: 101.32 ng/ml



#18 Endrin aldehyde

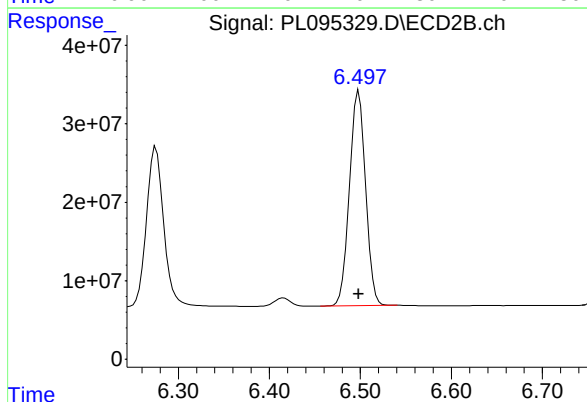
R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 267469083  
Conc: 103.92 ng/ml



## #19 Endosulfan Sulfate

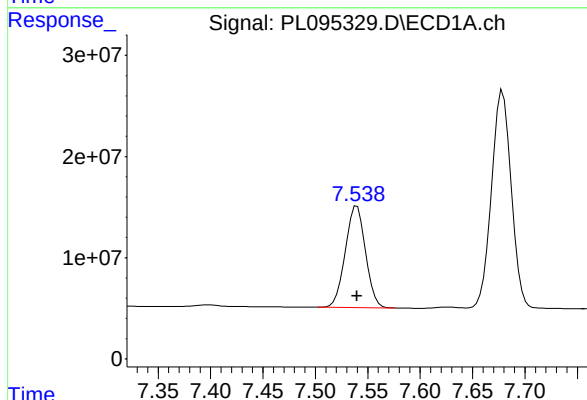
R.T.: 7.197 min  
Delta R.T.: 0.000 min  
Response: 274542350  
Conc: 101.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC100



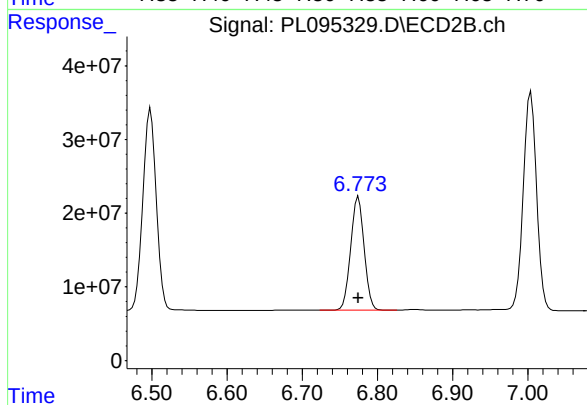
## #19 Endosulfan Sulfate

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 339248929  
Conc: 103.91 ng/ml



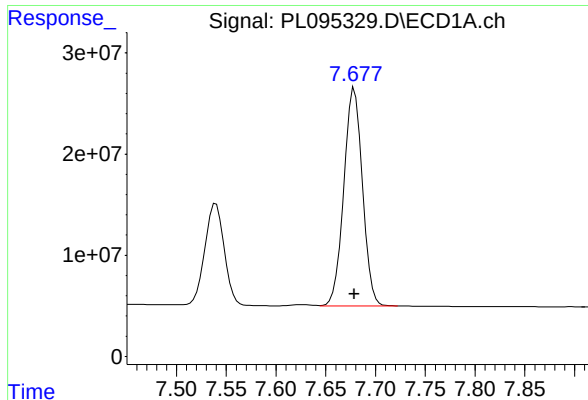
## #20 Methoxychlor

R.T.: 7.540 min  
Delta R.T.: 0.000 min  
Response: 135217513  
Conc: 100.82 ng/ml



## #20 Methoxychlor

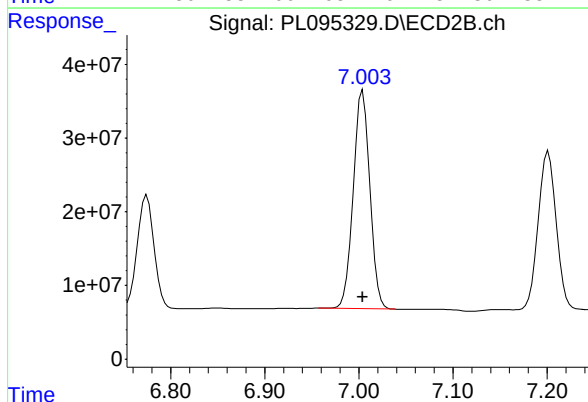
R.T.: 6.775 min  
Delta R.T.: 0.000 min  
Response: 191790122  
Conc: 102.85 ng/ml



#21 Endrin ketone

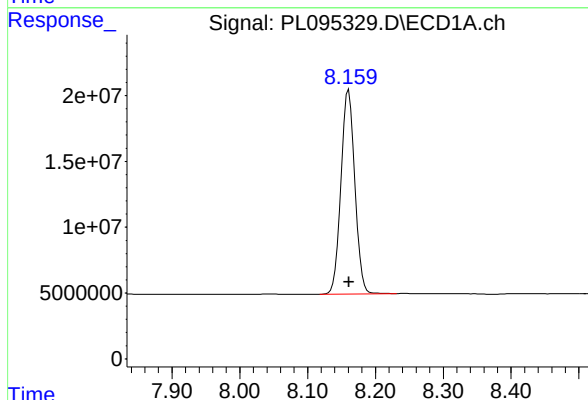
R.T.: 7.679 min  
Delta R.T.: 0.000 min  
Response: 280815373  
Conc: 101.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC100



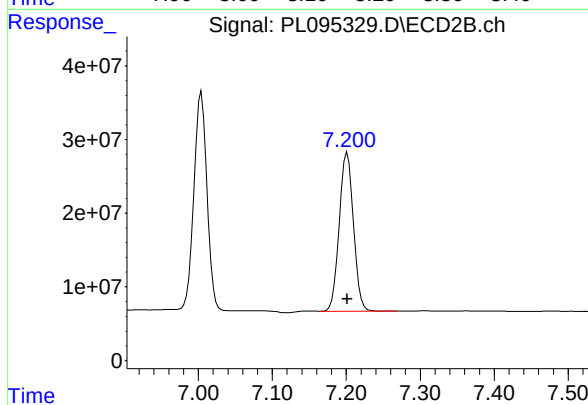
#21 Endrin ketone

R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 362885097  
Conc: 103.92 ng/ml



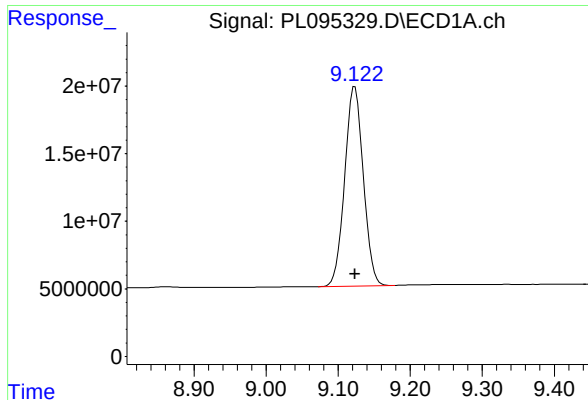
#22 Mirex

R.T.: 8.161 min  
Delta R.T.: 0.000 min  
Response: 221403941  
Conc: 99.57 ng/ml



#22 Mirex

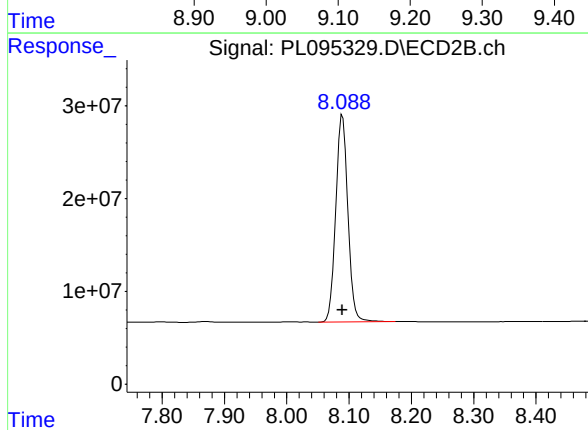
R.T.: 7.201 min  
Delta R.T.: 0.000 min  
Response: 287854160  
Conc: 102.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min  
Delta R.T.: 0.000 min  
Response: 264726652  
Conc: 100.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC100



#28 Decachlorobiphenyl

R.T.: 8.089 min  
Delta R.T.: 0.000 min  
Response: 301292757  
Conc: 103.32 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
 Data File : PL095330.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 11:45  
 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: Apr 23 12:31:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 12:26:08 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|---------|---------|--------|--------|
| -----                       |                 |       |       |         |         |        |        |
| System Monitoring Compounds |                 |       |       |         |         |        |        |
| 1)                          | SA Tetrachlo... | 3.595 | 2.906 | 242.3E6 | 234.0E6 | 75.826 | 75.013 |
| 28)                         | SA Decachlor... | 9.123 | 8.090 | 198.2E6 | 210.4E6 | 74.960 | 73.074 |
| Target Compounds            |                 |       |       |         |         |        |        |
| 2)                          | A alpha-BHC     | 4.047 | 3.417 | 379.9E6 | 338.8E6 | 76.029 | 75.000 |
| 3)                          | MA gamma-BHC... | 4.378 | 3.750 | 358.9E6 | 331.2E6 | 75.876 | 74.842 |
| 4)                          | MA Heptachlor   | 4.977 | 4.105 | 339.9E6 | 321.3E6 | 75.653 | 74.520 |
| 5)                          | MB Aldrin       | 5.318 | 4.390 | 344.0E6 | 308.3E6 | 75.679 | 74.716 |
| 6)                          | B beta-BHC      | 4.564 | 4.044 | 151.2E6 | 149.5E6 | 75.563 | 74.688 |
| 7)                          | B delta-BHC     | 4.813 | 4.281 | 347.5E6 | 330.3E6 | 75.566 | 74.710 |
| 8)                          | B Heptachlo...  | 5.740 | 4.894 | 295.1E6 | 281.9E6 | 75.505 | 74.194 |
| 9)                          | A Endosulfan I  | 6.123 | 5.267 | 280.7E6 | 267.1E6 | 75.588 | 73.735 |
| 10)                         | B gamma-Chl...  | 5.993 | 5.147 | 304.4E6 | 294.6E6 | 75.551 | 73.793 |
| 11)                         | B alpha-Chl...  | 6.075 | 5.211 | 302.3E6 | 289.7E6 | 75.612 | 73.893 |
| 12)                         | B 4,4'-DDE      | 6.243 | 5.398 | 289.8E6 | 297.5E6 | 75.443 | 73.806 |
| 13)                         | MA Dieldrin     | 6.396 | 5.532 | 288.2E6 | 297.4E6 | 75.657 | 74.204 |
| 14)                         | MA Endrin       | 6.623 | 5.807 | 235.1E6 | 265.9E6 | 75.482 | 73.827 |
| 15)                         | B Endosulfa...  | 6.836 | 6.097 | 232.8E6 | 260.1E6 | 75.616 | 73.960 |
| 16)                         | A 4,4'-DDD      | 6.753 | 5.949 | 211.5E6 | 239.6E6 | 75.605 | 73.829 |
| 17)                         | MA 4,4'-DDT     | 7.069 | 6.204 | 214.9E6 | 253.3E6 | 75.596 | 73.601 |
| 18)                         | B Endrin al...  | 6.965 | 6.276 | 169.6E6 | 189.1E6 | 75.319 | 73.986 |
| 19)                         | B Endosulfa...  | 7.199 | 6.498 | 204.8E6 | 238.7E6 | 75.438 | 73.741 |
| 20)                         | A Methoxychlor  | 7.540 | 6.775 | 101.2E6 | 135.4E6 | 75.314 | 73.393 |
| 21)                         | B Endrin ke...  | 7.680 | 7.005 | 208.9E6 | 256.0E6 | 75.397 | 73.872 |
| 22)                         | Mirex           | 8.161 | 7.202 | 167.3E6 | 202.6E6 | 75.145 | 73.247 |

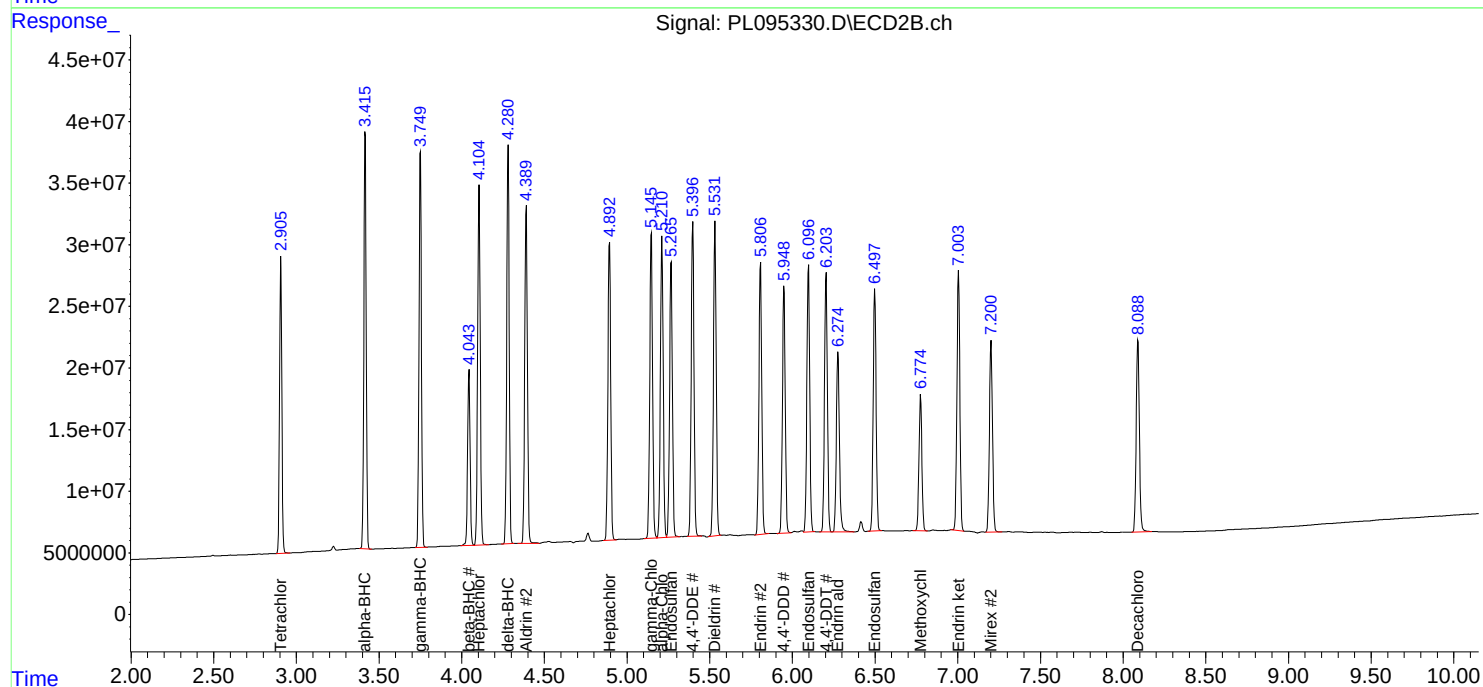
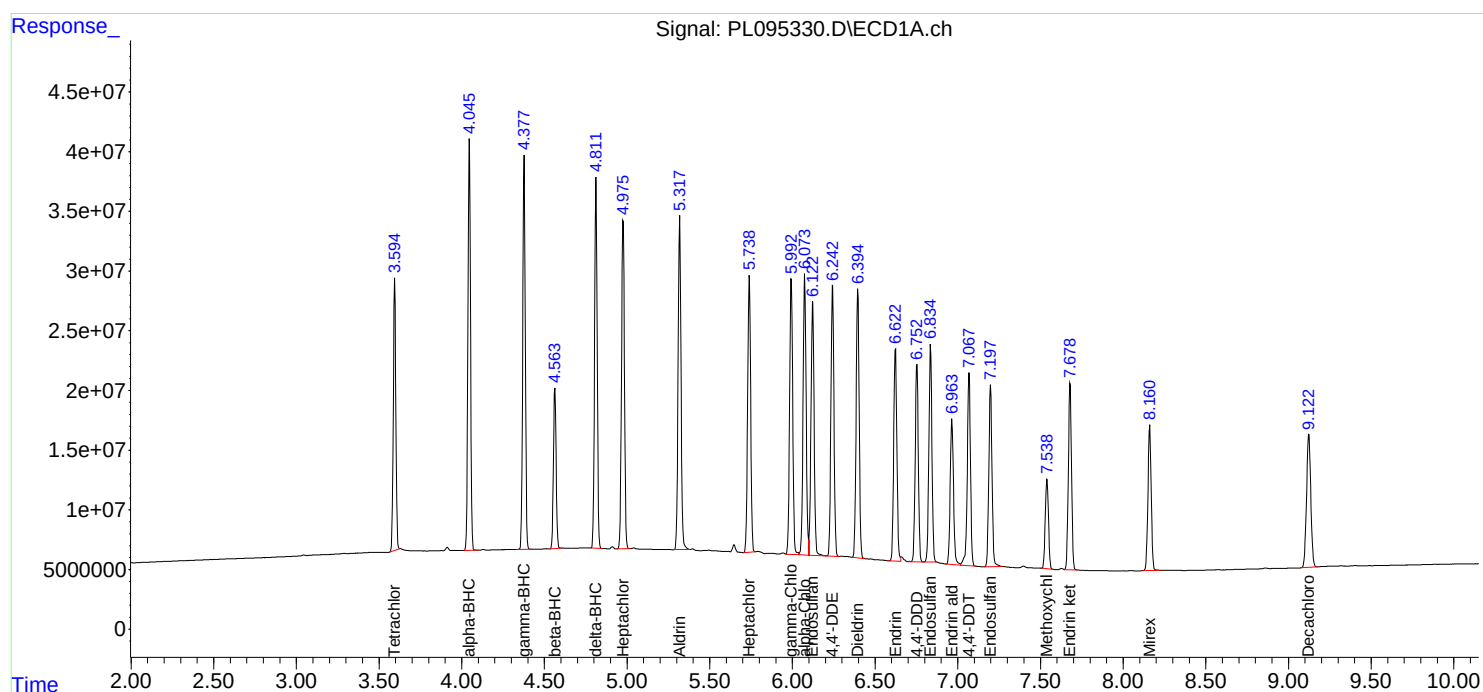
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

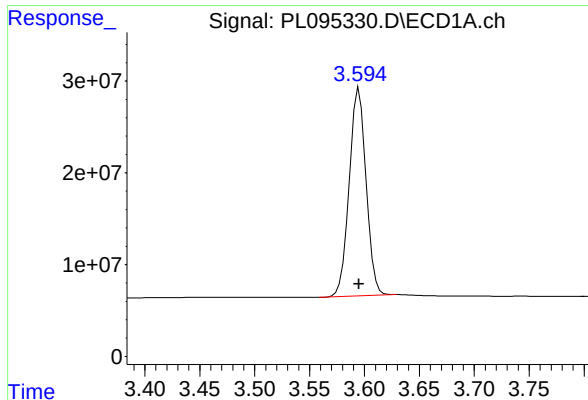
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095330.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 11:45  
Operator : AR\AJ  
Sample : PSTDICC075  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 12:31:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 12:26:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

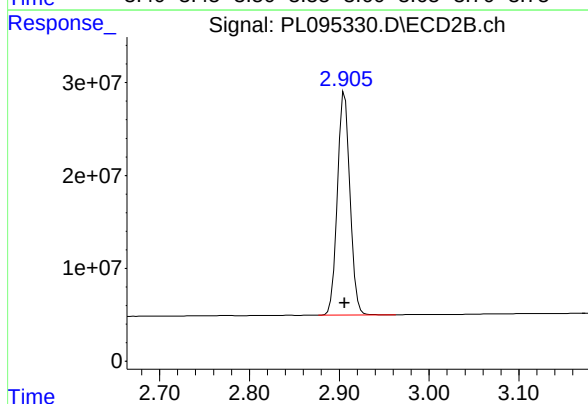




#1 Tetrachloro-m-xylene

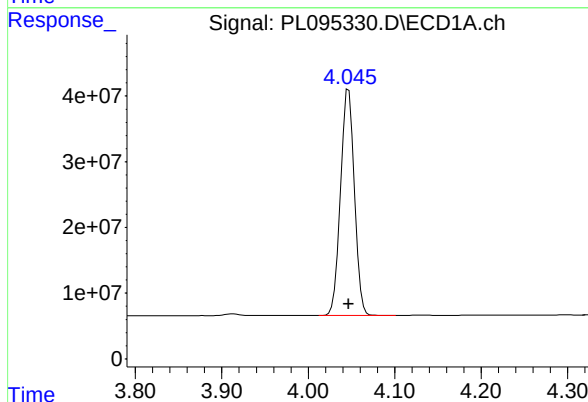
R.T.: 3.595 min  
Delta R.T.: 0.000 min  
Response: 242312702  
Conc: 75.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075



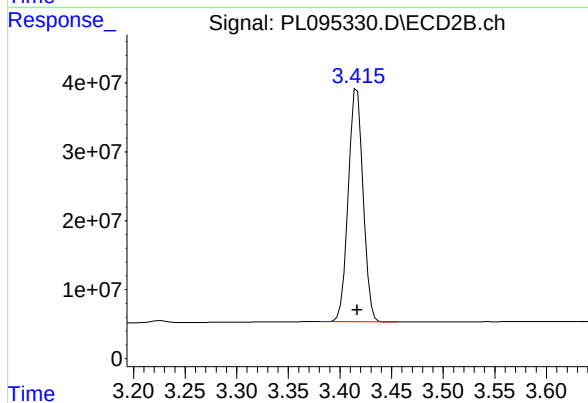
#1 Tetrachloro-m-xylene

R.T.: 2.906 min  
Delta R.T.: 0.000 min  
Response: 233967541  
Conc: 75.01 ng/ml



#2 alpha-BHC

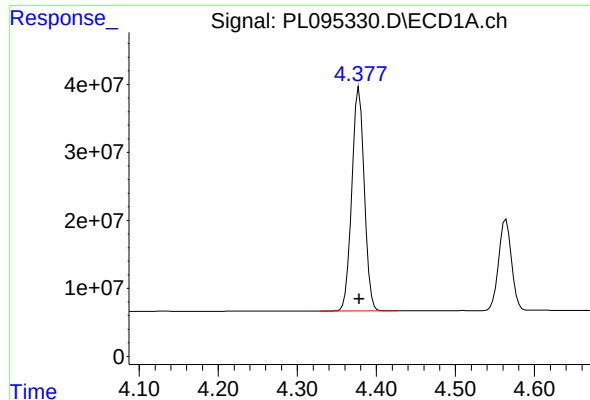
R.T.: 4.047 min  
Delta R.T.: 0.000 min  
Response: 379898801  
Conc: 76.03 ng/ml



#2 alpha-BHC

R.T.: 3.417 min  
Delta R.T.: 0.000 min  
Response: 338763617  
Conc: 75.00 ng/ml

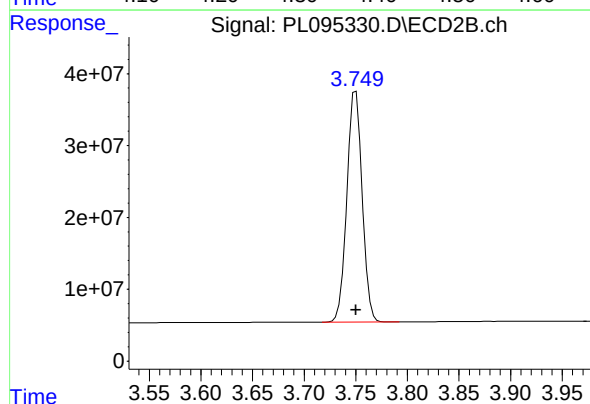




#3 gamma-BHC (Lindane)

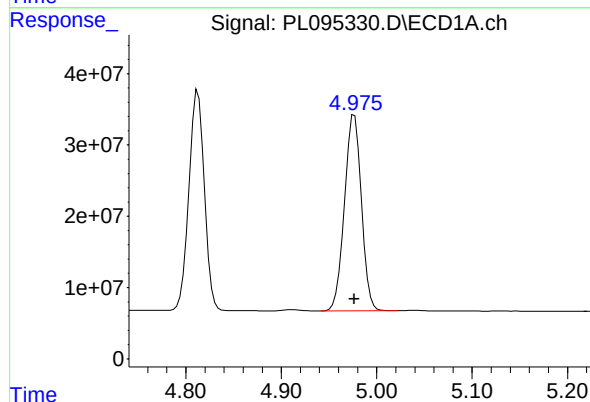
R.T.: 4.378 min  
Delta R.T.: 0.000 min  
Response: 358949956  
Conc: 75.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075



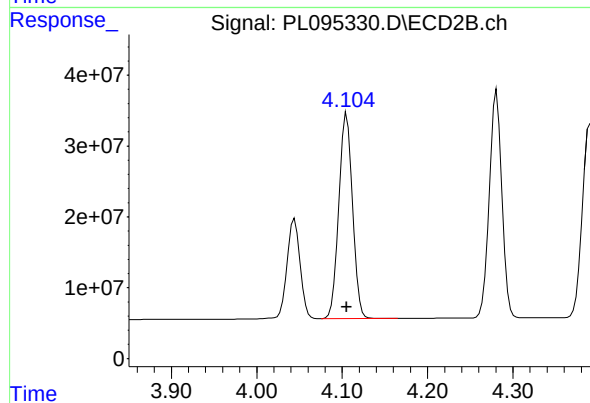
#3 gamma-BHC (Lindane)

R.T.: 3.750 min  
Delta R.T.: 0.000 min  
Response: 331207321  
Conc: 74.84 ng/ml



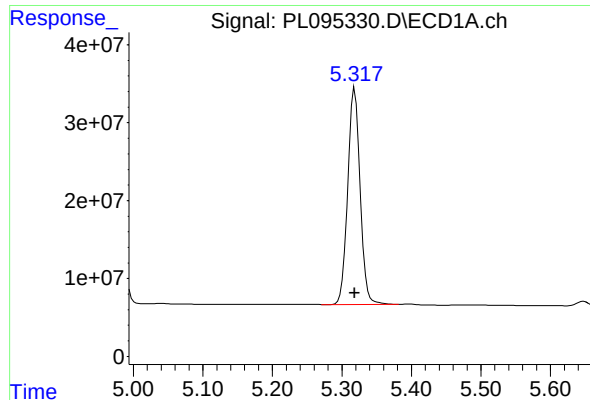
#4 Heptachlor

R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 339898397  
Conc: 75.65 ng/ml



#4 Heptachlor

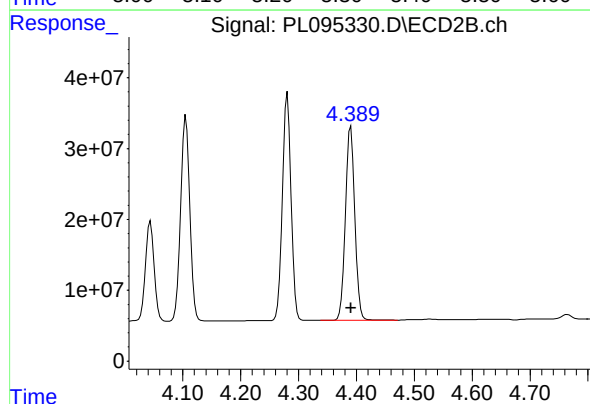
R.T.: 4.105 min  
Delta R.T.: 0.000 min  
Response: 321310520  
Conc: 74.52 ng/ml



#5 Aldrin

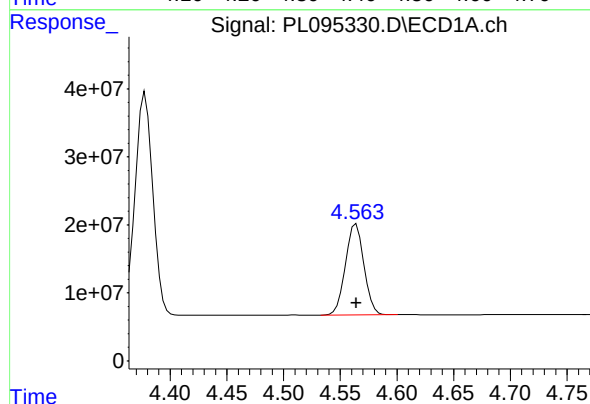
R.T.: 5.318 min  
Delta R.T.: 0.000 min  
Response: 343969506  
Conc: 75.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075



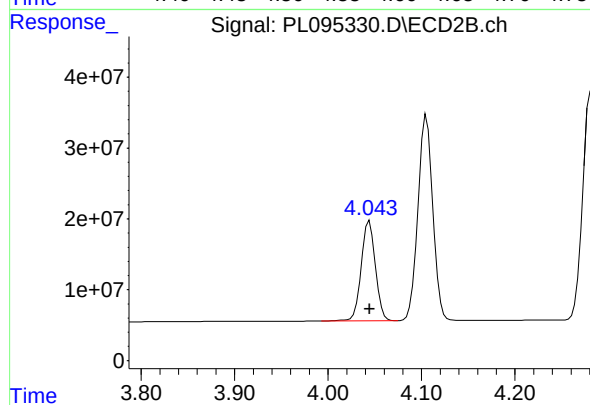
#5 Aldrin

R.T.: 4.390 min  
Delta R.T.: 0.000 min  
Response: 308300056  
Conc: 74.72 ng/ml



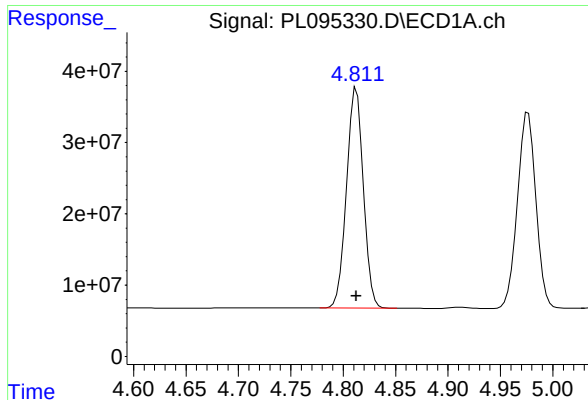
#6 beta-BHC

R.T.: 4.564 min  
Delta R.T.: 0.000 min  
Response: 151230250  
Conc: 75.56 ng/ml



#6 beta-BHC

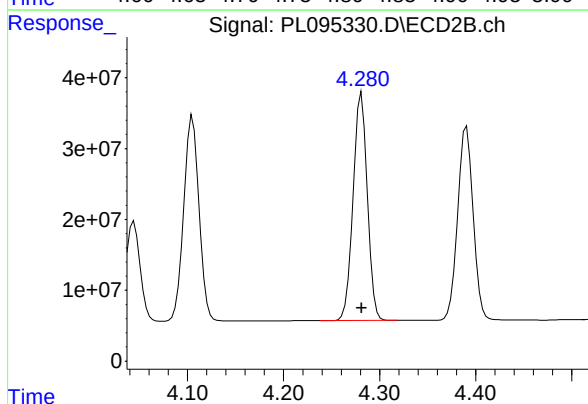
R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 149486612  
Conc: 74.69 ng/ml



#7 delta-BHC

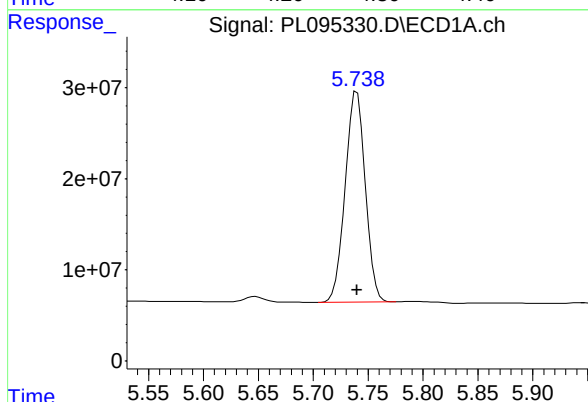
R.T.: 4.813 min  
Delta R.T.: 0.000 min  
Response: 347489339  
Conc: 75.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075



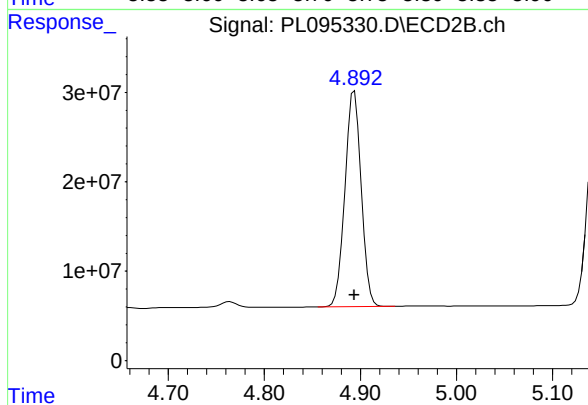
#7 delta-BHC

R.T.: 4.281 min  
Delta R.T.: 0.000 min  
Response: 330298127  
Conc: 74.71 ng/ml



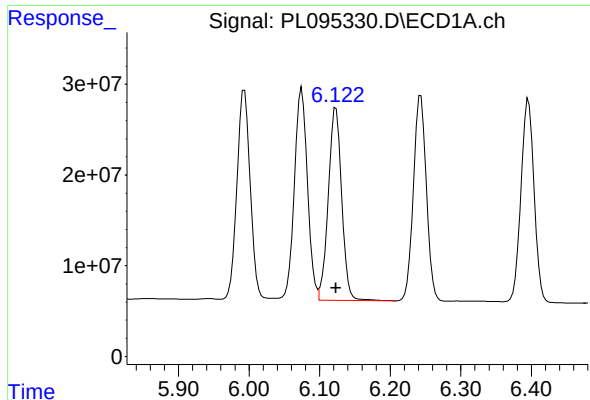
#8 Heptachlor epoxide

R.T.: 5.740 min  
Delta R.T.: 0.000 min  
Response: 295075873  
Conc: 75.51 ng/ml



#8 Heptachlor epoxide

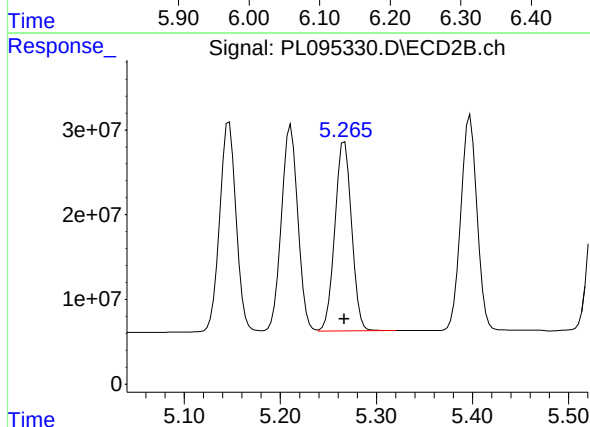
R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 281865797  
Conc: 74.19 ng/ml



## #9 Endosulfan I

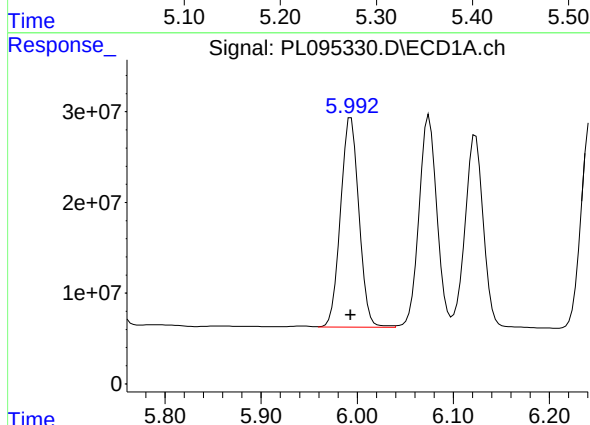
R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 280667118  
Conc: 75.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075



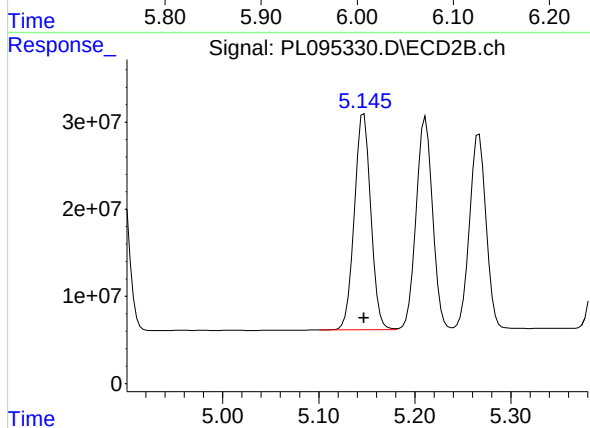
## #9 Endosulfan I

R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 267059488  
Conc: 73.74 ng/ml



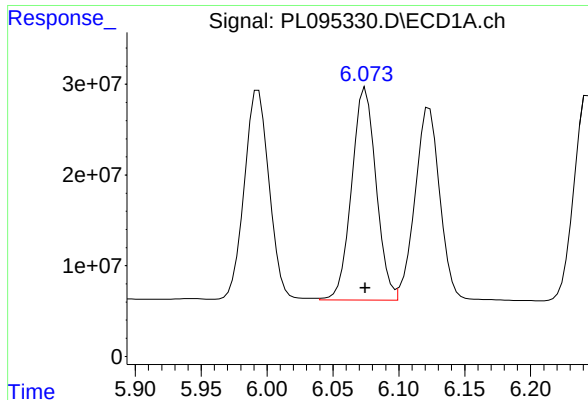
## #10 gamma-Chlordane

R.T.: 5.993 min  
Delta R.T.: 0.000 min  
Response: 304444005  
Conc: 75.55 ng/ml



## #10 gamma-Chlordane

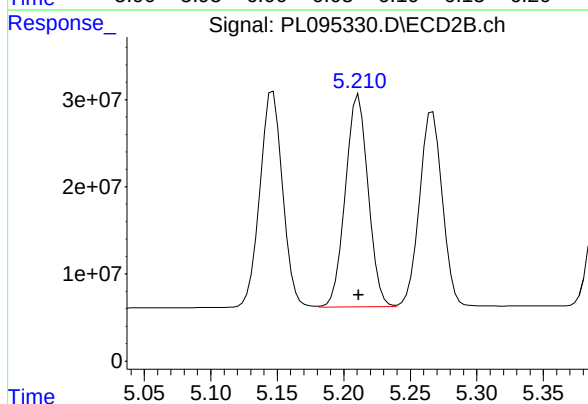
R.T.: 5.147 min  
Delta R.T.: 0.000 min  
Response: 294564763  
Conc: 73.79 ng/ml



#11 alpha-Chlordane

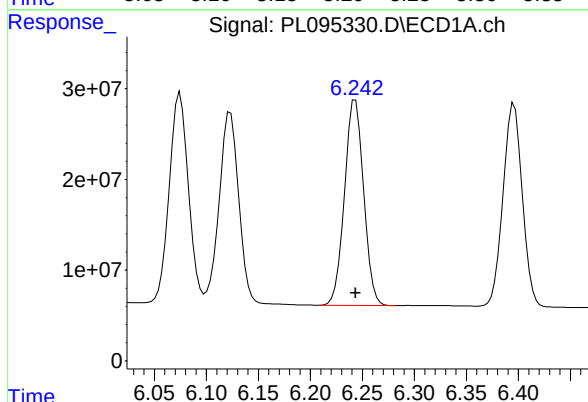
R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 302276319  
Conc: 75.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDIC075



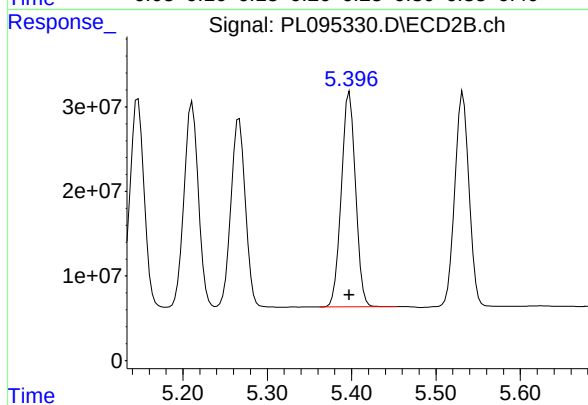
#11 alpha-Chlordane

R.T.: 5.211 min  
Delta R.T.: 0.000 min  
Response: 289691684  
Conc: 73.89 ng/ml



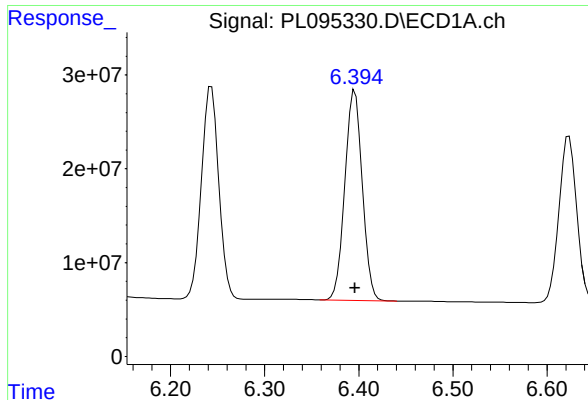
#12 4,4'-DDE

R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 289827813  
Conc: 75.44 ng/ml



#12 4,4'-DDE

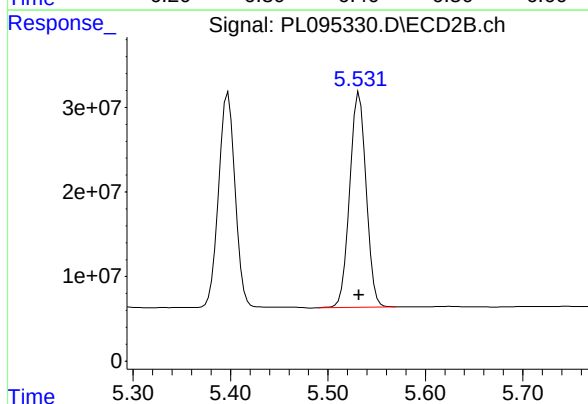
R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 297457686  
Conc: 73.81 ng/ml



#13 Dieldrin

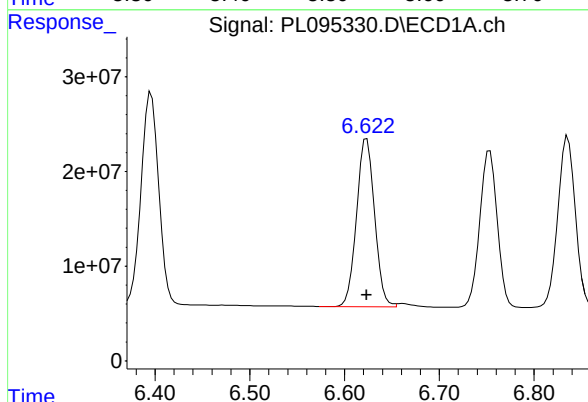
R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 288216681  
Conc: 75.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075



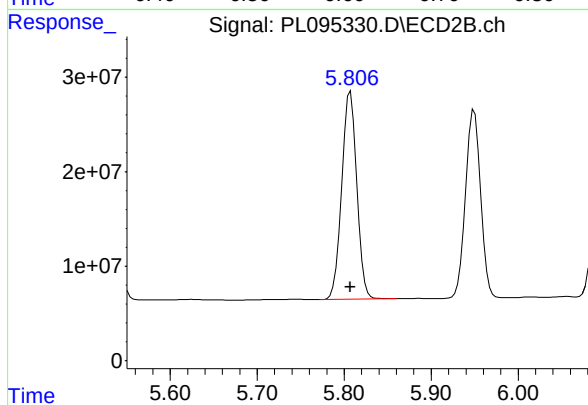
#13 Dieldrin

R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 297383658  
Conc: 74.20 ng/ml



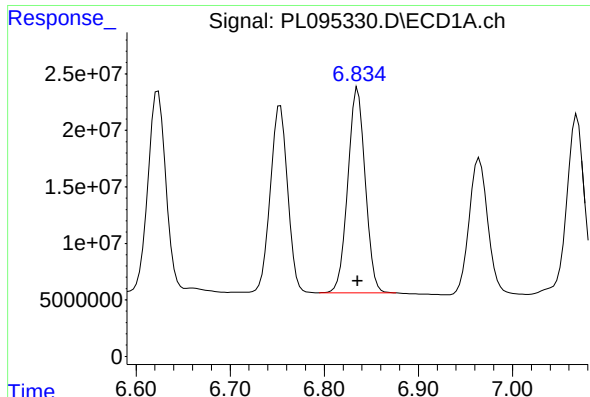
#14 Endrin

R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 235125435  
Conc: 75.48 ng/ml



#14 Endrin

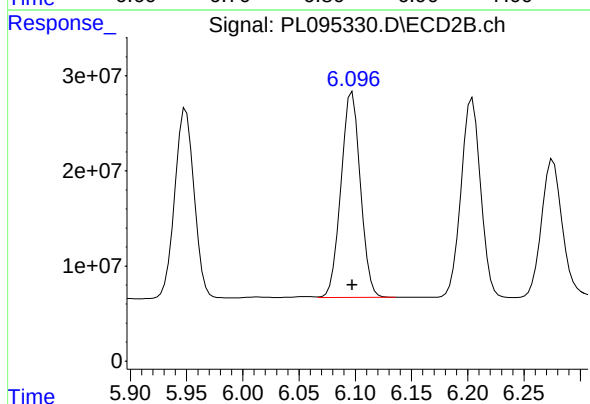
R.T.: 5.807 min  
Delta R.T.: 0.000 min  
Response: 265946466  
Conc: 73.83 ng/ml



## #15 Endosulfan II

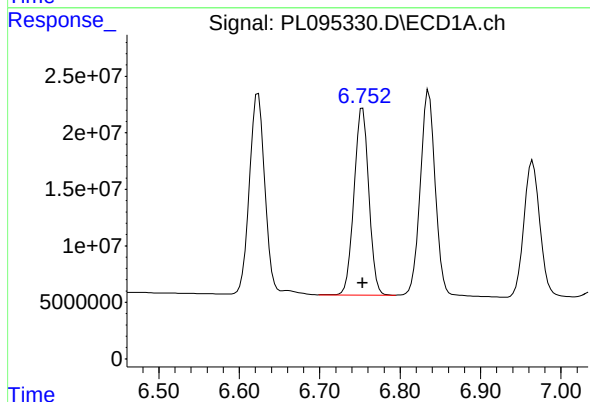
R.T.: 6.836 min  
Delta R.T.: 0.000 min  
Response: 232764280  
Conc: 75.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075



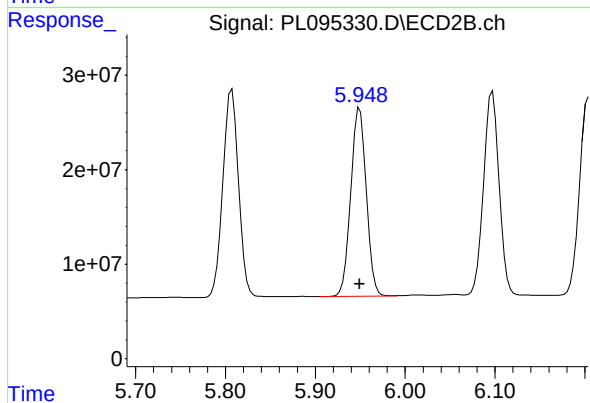
## #15 Endosulfan II

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 260085386  
Conc: 73.96 ng/ml



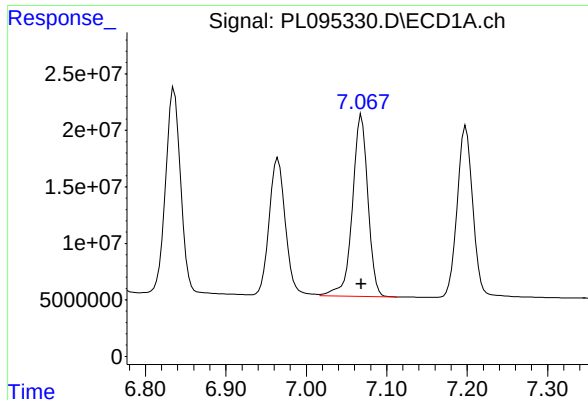
## #16 4,4'-DDD

R.T.: 6.753 min  
Delta R.T.: 0.000 min  
Response: 211508192  
Conc: 75.61 ng/ml



## #16 4,4'-DDD

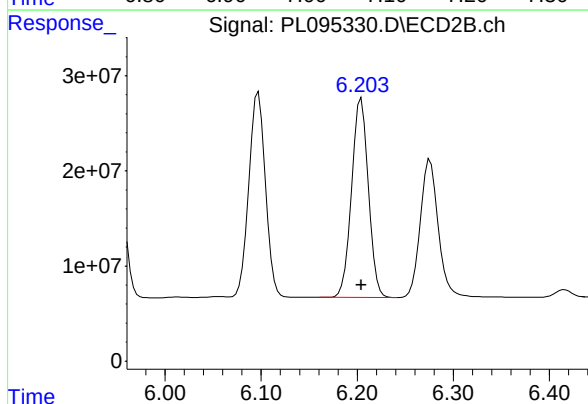
R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 239572214  
Conc: 73.83 ng/ml



#17 4,4'-DDT

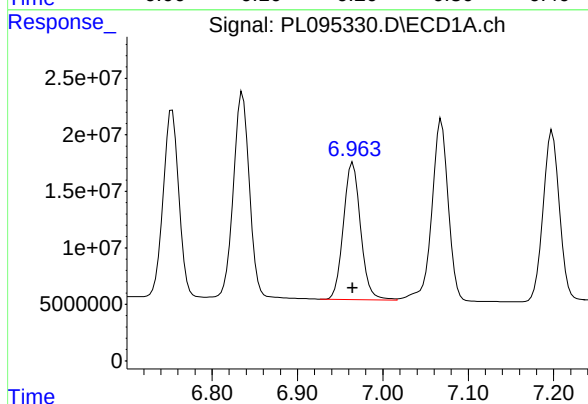
R.T.: 7.069 min  
Delta R.T.: 0.000 min  
Response: 214925152  
Conc: 75.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075



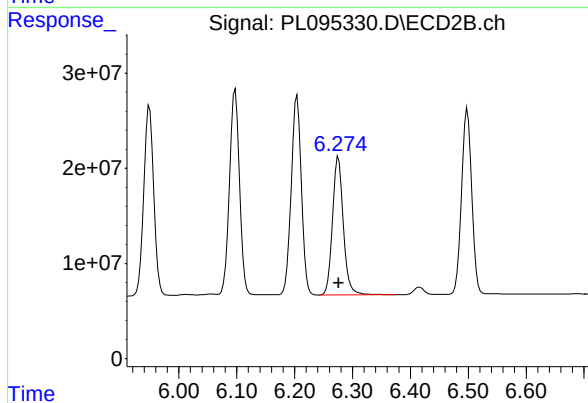
#17 4,4'-DDT

R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 253306887  
Conc: 73.60 ng/ml



#18 Endrin aldehyde

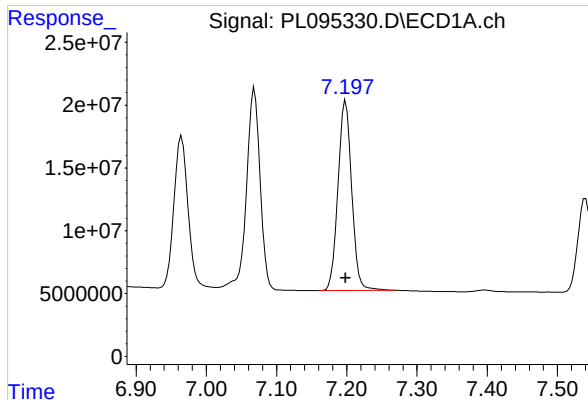
R.T.: 6.965 min  
Delta R.T.: 0.000 min  
Response: 169615564  
Conc: 75.32 ng/ml



#18 Endrin aldehyde

R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 189145520  
Conc: 73.99 ng/ml

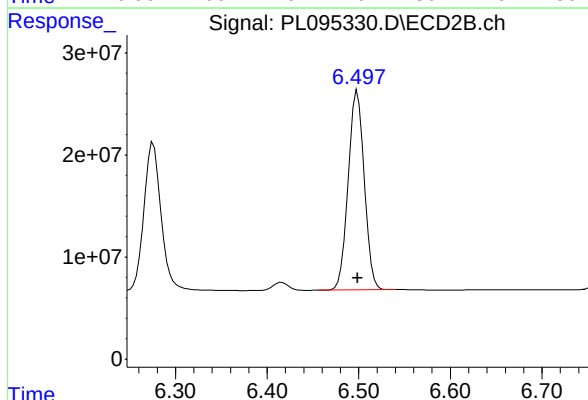




## #19 Endosulfan Sulfate

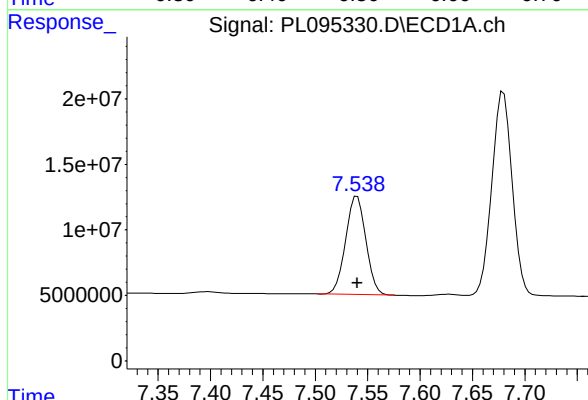
R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 204798645  
Conc: 75.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075



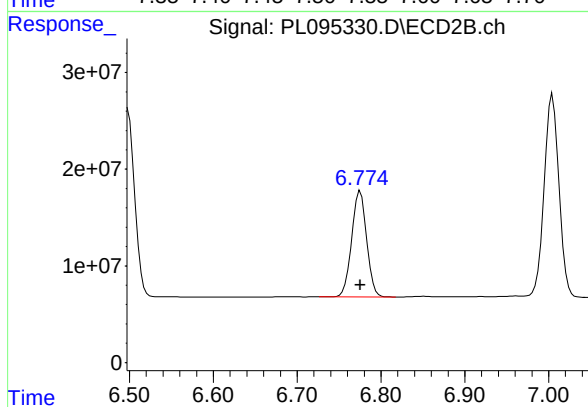
## #19 Endosulfan Sulfate

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 238743040  
Conc: 73.74 ng/ml



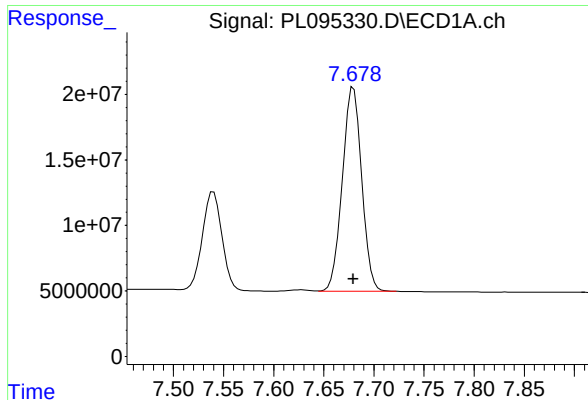
## #20 Methoxychlor

R.T.: 7.540 min  
Delta R.T.: 0.000 min  
Response: 101220348  
Conc: 75.31 ng/ml



## #20 Methoxychlor

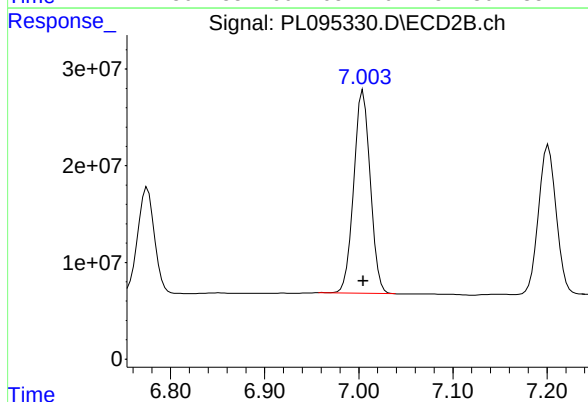
R.T.: 6.775 min  
Delta R.T.: 0.000 min  
Response: 135415410  
Conc: 73.39 ng/ml



#21 Endrin ketone

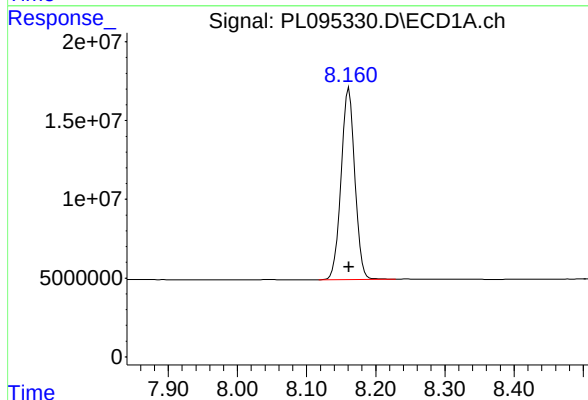
R.T.: 7.680 min  
Delta R.T.: 0.000 min  
Response: 208925085  
Conc: 75.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075



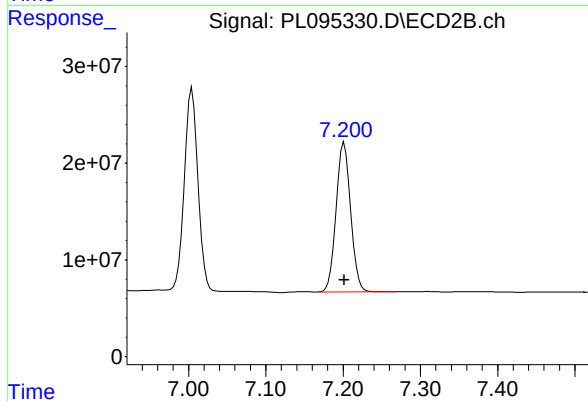
#21 Endrin ketone

R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 256024283  
Conc: 73.87 ng/ml



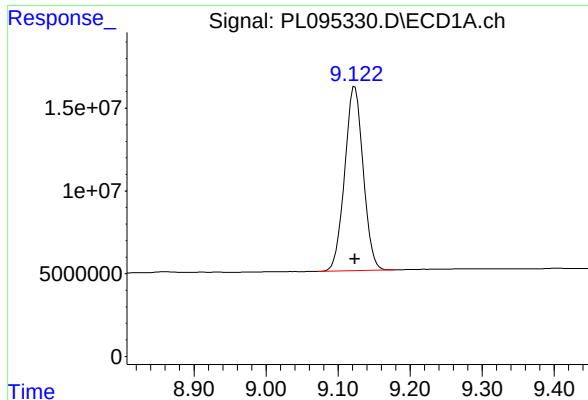
#22 Mirex

R.T.: 8.161 min  
Delta R.T.: 0.000 min  
Response: 167259178  
Conc: 75.14 ng/ml



#22 Mirex

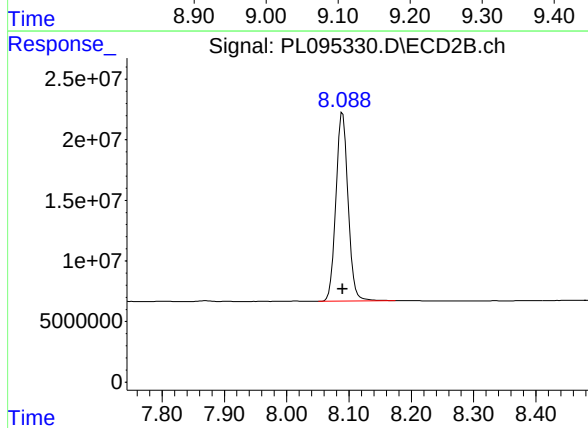
R.T.: 7.202 min  
Delta R.T.: 0.000 min  
Response: 202555085  
Conc: 73.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min  
Delta R.T.: 0.000 min  
Response: 198234966  
Conc: 74.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075



#28 Decachlorobiphenyl

R.T.: 8.090 min  
Delta R.T.: 0.000 min  
Response: 210388999  
Conc: 73.07 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
 Data File : PL095331.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 11:59  
 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: Apr 23 12:26:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 12:26:08 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.595 | 2.906 | 156.1E6  | 151.5E6  | 50.000 | 50.000 |
| 28)                         | SA Decachlor... | 9.122 | 8.089 | 132.2E6  | 141.0E6  | 50.000 | 50.000 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.046 | 3.416 | 238.7E6  | 214.9E6  | 50.000 | 50.000 |
| 3)                          | MA gamma-BHC... | 4.377 | 3.750 | 227.5E6  | 211.4E6  | 50.000 | 50.000 |
| 4)                          | MA Heptachlor   | 4.976 | 4.104 | 218.9E6  | 207.7E6  | 50.000 | 50.000 |
| 5)                          | MB Aldrin       | 5.318 | 4.390 | 220.1E6  | 196.6E6  | 50.000 | 50.000 |
| 6)                          | B beta-BHC      | 4.564 | 4.044 | 98262466 | 97170224 | 50.000 | 50.000 |
| 7)                          | B delta-BHC     | 4.812 | 4.280 | 221.2E6  | 210.5E6  | 50.000 | 50.000 |
| 8)                          | B Heptachlo...  | 5.739 | 4.893 | 190.1E6  | 183.5E6  | 50.000 | 50.000 |
| 9)                          | A Endosulfan I  | 6.123 | 5.267 | 181.3E6  | 174.9E6  | 50.000 | 50.000 |
| 10)                         | B gamma-Chl...  | 5.994 | 5.147 | 195.3E6  | 191.0E6  | 50.000 | 50.000 |
| 11)                         | B alpha-Chl...  | 6.075 | 5.211 | 194.3E6  | 188.3E6  | 50.000 | 50.000 |
| 12)                         | B 4,4'-DDE      | 6.243 | 5.397 | 186.7E6  | 193.3E6  | 50.000 | 50.000 |
| 13)                         | MA Dieldrin     | 6.396 | 5.532 | 183.9E6  | 191.1E6  | 50.000 | 50.000 |
| 14)                         | MA Endrin       | 6.623 | 5.807 | 151.5E6  | 173.0E6  | 50.000 | 50.000 |
| 15)                         | B Endosulfa...  | 6.835 | 6.097 | 150.1E6  | 169.2E6  | 50.000 | 50.000 |
| 16)                         | A 4,4'-DDD      | 6.753 | 5.949 | 135.4E6  | 154.5E6  | 50.000 | 50.000 |
| 17)                         | MA 4,4'-DDT     | 7.069 | 6.204 | 138.0E6  | 163.9E6  | 50.000 | 50.000 |
| 18)                         | B Endrin al...  | 6.964 | 6.275 | 110.9E6  | 123.6E6  | 50.000 | 50.000 |
| 19)                         | B Endosulfa...  | 7.198 | 6.498 | 133.4E6  | 156.9E6  | 50.000 | 50.000 |
| 20)                         | A Methoxychlor  | 7.540 | 6.775 | 66506986 | 90587055 | 50.000 | 50.000 |
| 21)                         | B Endrin ke...  | 7.679 | 7.004 | 136.0E6  | 167.7E6  | 50.000 | 50.000 |
| 22)                         | Mirex           | 8.161 | 7.202 | 111.7E6  | 135.8E6  | 50.000 | 50.000 |
| -----                       |                 |       |       |          |          |        |        |

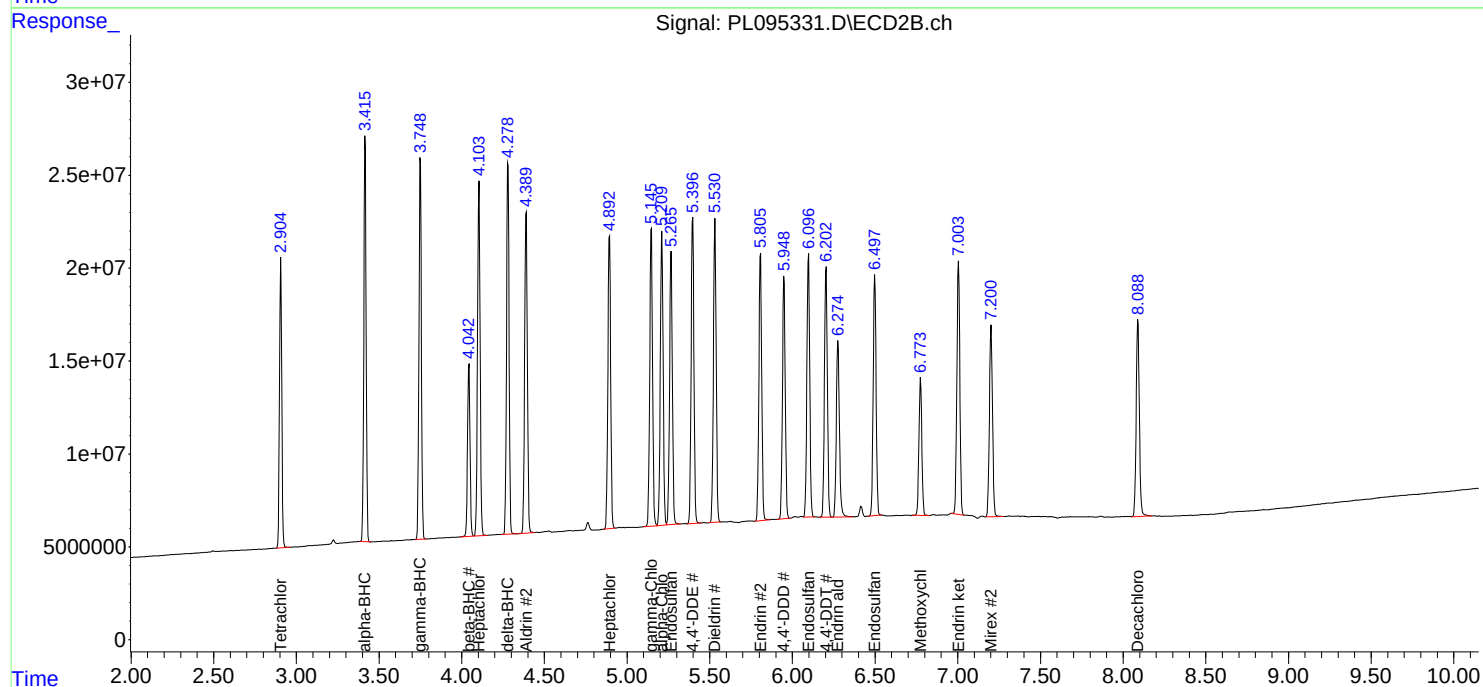
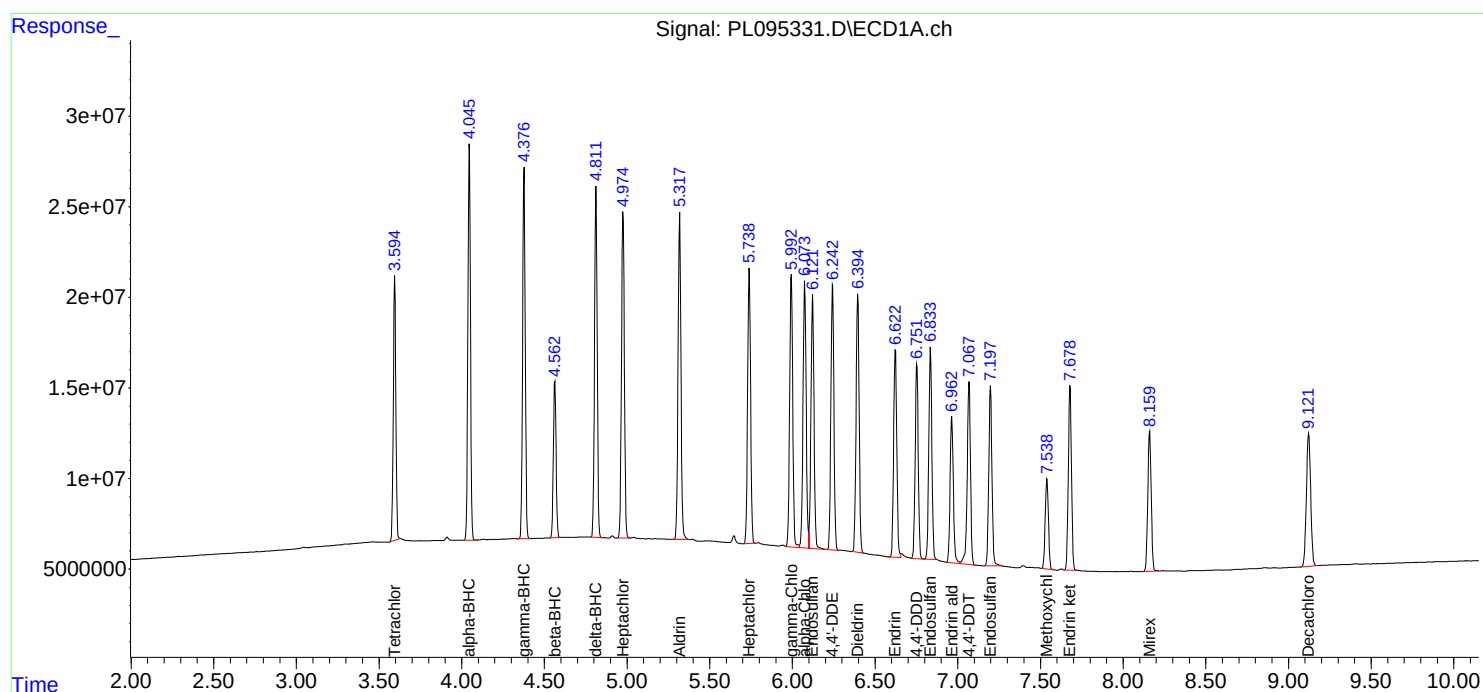
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

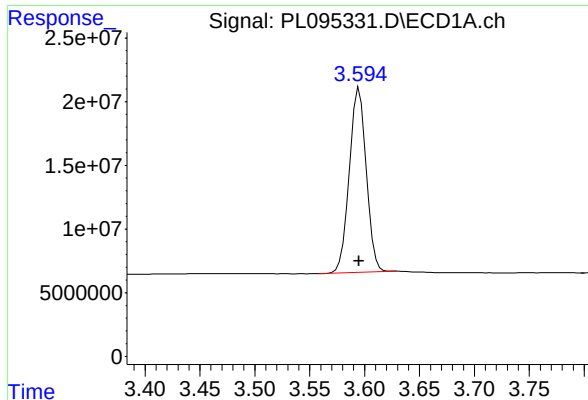
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095331.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 11:59  
Operator : AR\AJ  
Sample : PSTDICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 12:26:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 12:26:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

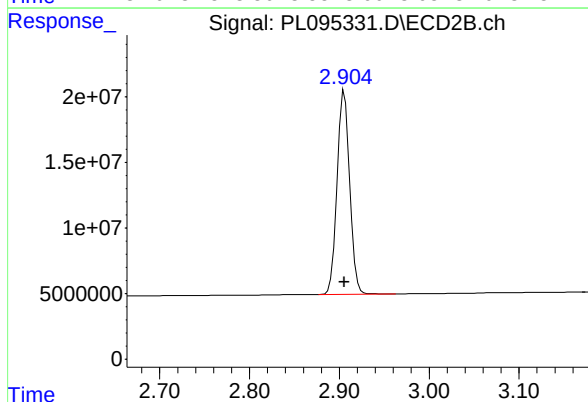




#1 Tetrachloro-m-xylene

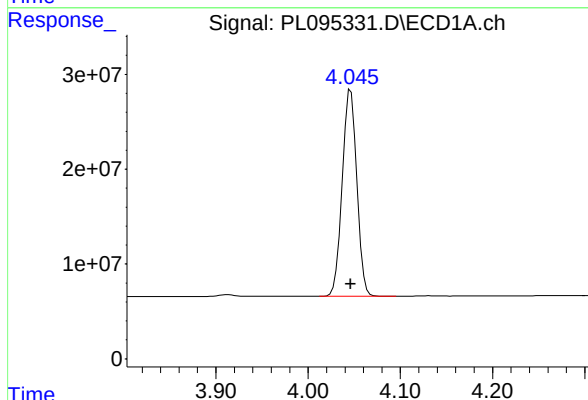
R.T.: 3.595 min  
Delta R.T.: 0.000 min  
Response: 156057142  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050



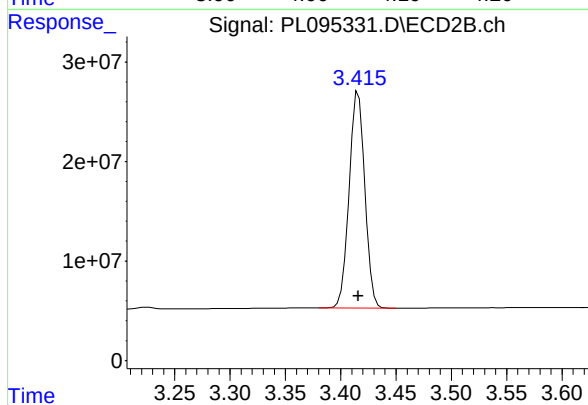
#1 Tetrachloro-m-xylene

R.T.: 2.906 min  
Delta R.T.: 0.000 min  
Response: 151545169  
Conc: 50.00 ng/ml



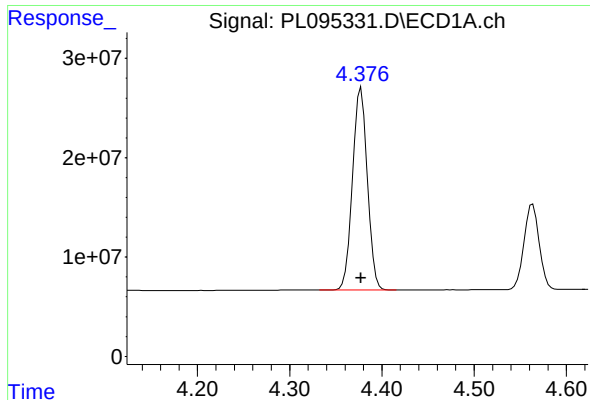
#2 alpha-BHC

R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 238716345  
Conc: 50.00 ng/ml



#2 alpha-BHC

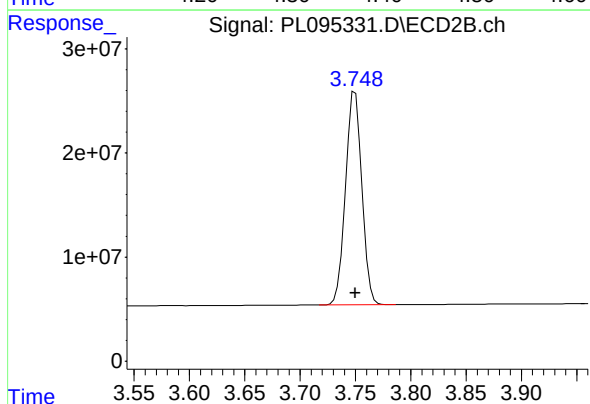
R.T.: 3.416 min  
Delta R.T.: 0.000 min  
Response: 214862057  
Conc: 50.00 ng/ml



## #3 gamma-BHC (Lindane)

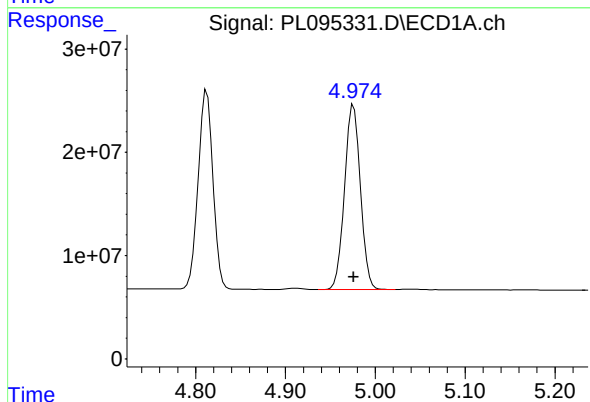
R.T.: 4.377 min  
Delta R.T.: 0.000 min  
Response: 227488019  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050



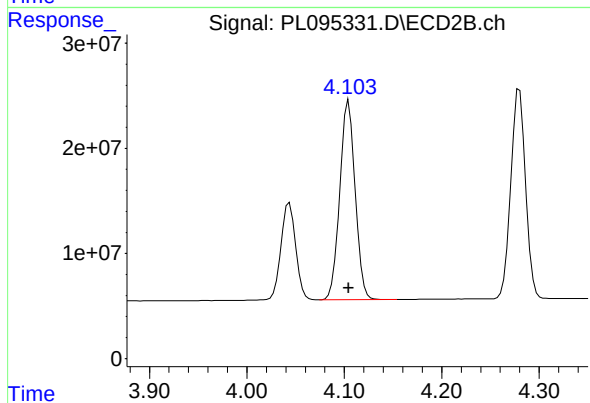
## #3 gamma-BHC (Lindane)

R.T.: 3.750 min  
Delta R.T.: 0.000 min  
Response: 211420886  
Conc: 50.00 ng/ml



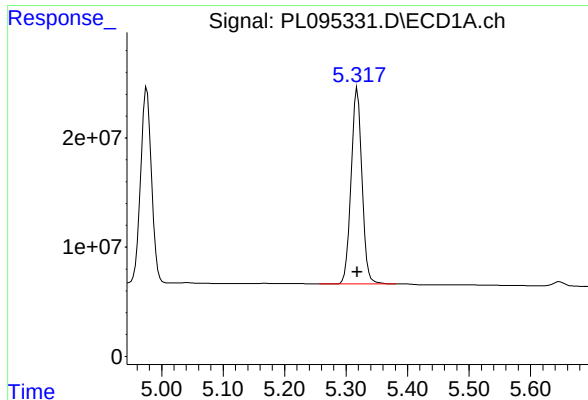
## #4 Heptachlor

R.T.: 4.976 min  
Delta R.T.: 0.000 min  
Response: 218889461  
Conc: 50.00 ng/ml



## #4 Heptachlor

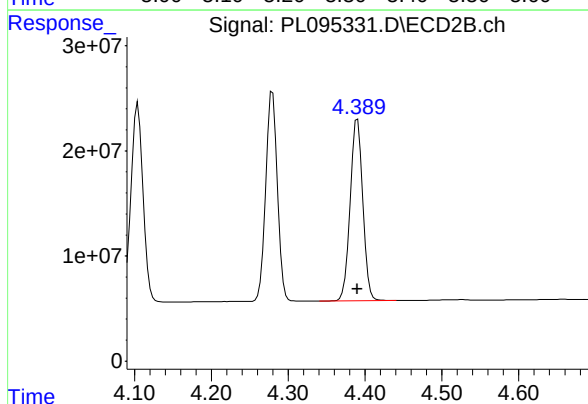
R.T.: 4.104 min  
Delta R.T.: 0.000 min  
Response: 207720997  
Conc: 50.00 ng/ml



#5 Aldrin

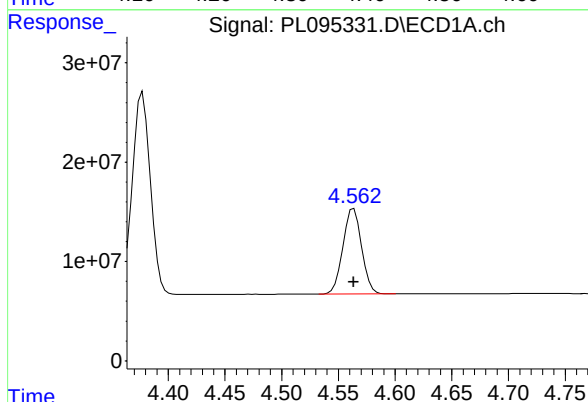
R.T.: 5.318 min  
Delta R.T.: 0.000 min  
Response: 220066140  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050



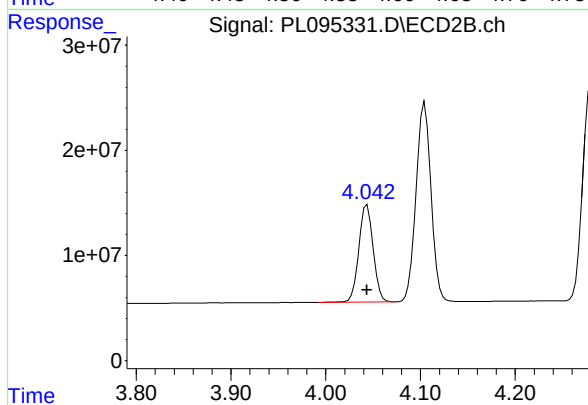
#5 Aldrin

R.T.: 4.390 min  
Delta R.T.: 0.000 min  
Response: 196600026  
Conc: 50.00 ng/ml



#6 beta-BHC

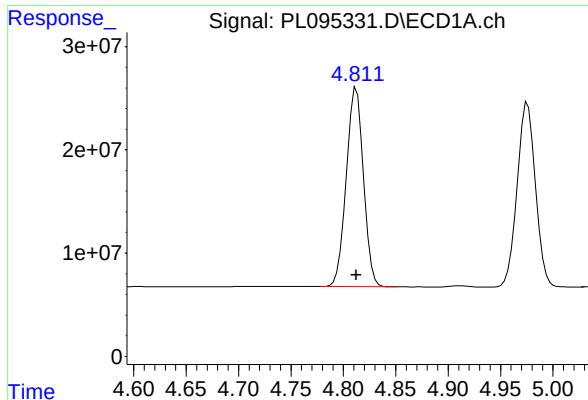
R.T.: 4.564 min  
Delta R.T.: 0.000 min  
Response: 98262466  
Conc: 50.00 ng/ml



#6 beta-BHC

R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 97170224  
Conc: 50.00 ng/ml

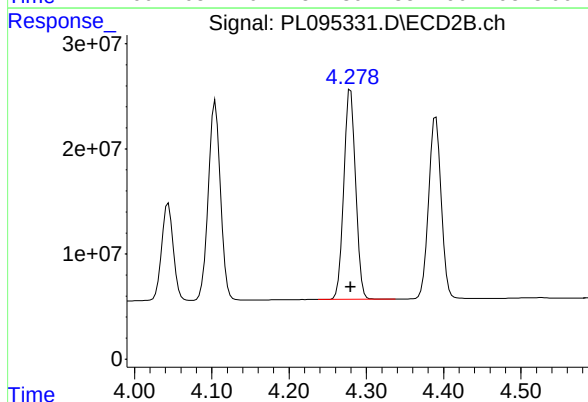




#7 delta-BHC

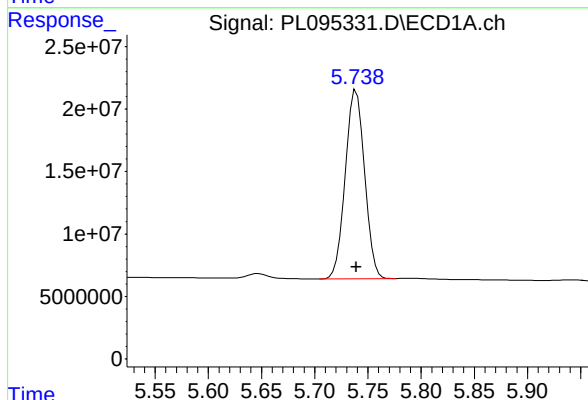
R.T.: 4.812 min  
Delta R.T.: 0.000 min  
Response: 221209359  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050



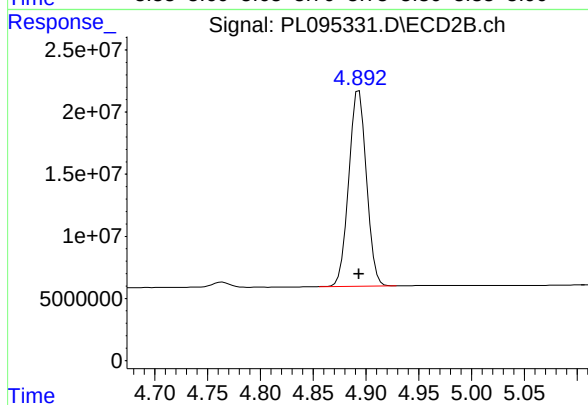
#7 delta-BHC

R.T.: 4.280 min  
Delta R.T.: 0.000 min  
Response: 210531915  
Conc: 50.00 ng/ml



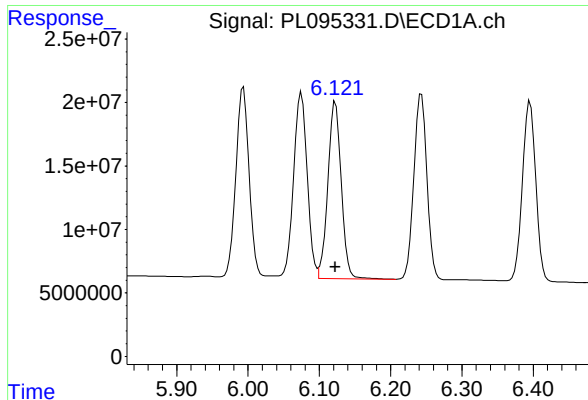
#8 Heptachlor epoxide

R.T.: 5.739 min  
Delta R.T.: 0.000 min  
Response: 190059310  
Conc: 50.00 ng/ml



#8 Heptachlor epoxide

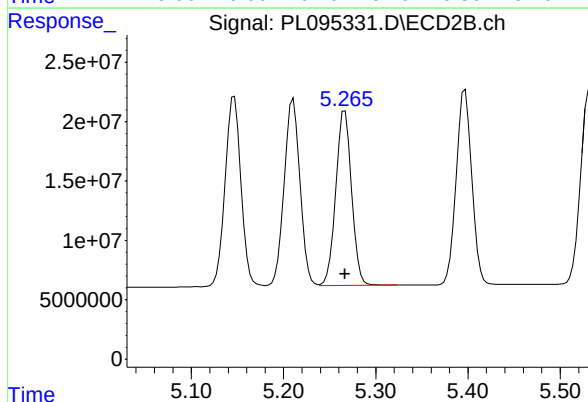
R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 183471014  
Conc: 50.00 ng/ml



#9 Endosulfan I

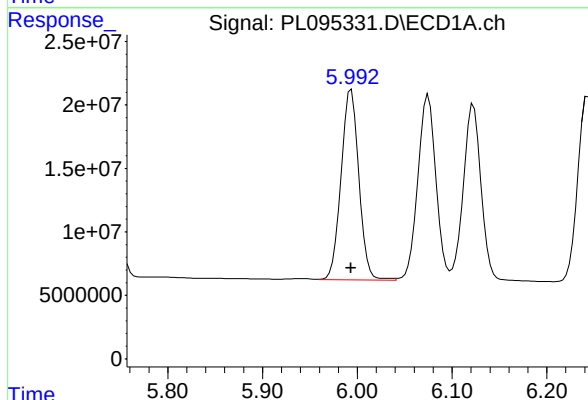
R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 181331514  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050



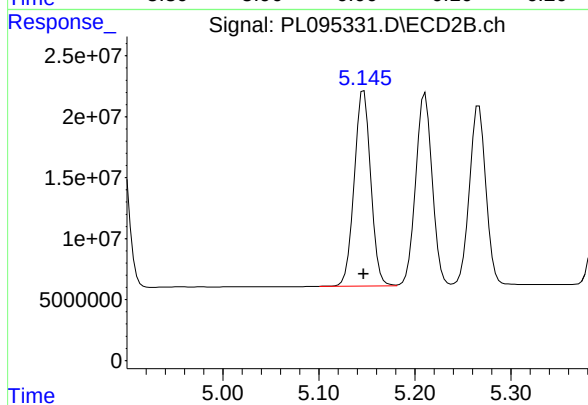
#9 Endosulfan I

R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 174855063  
Conc: 50.00 ng/ml



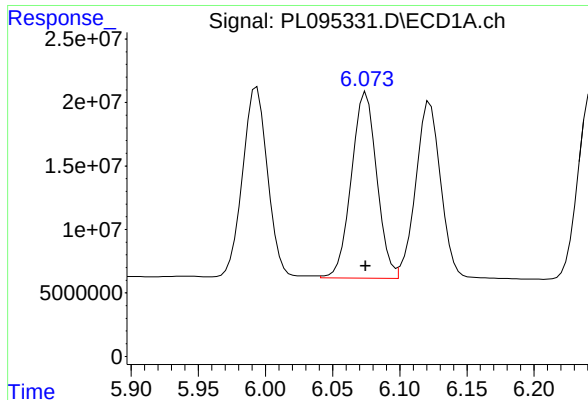
#10 gamma-Chlordane

R.T.: 5.994 min  
Delta R.T.: 0.000 min  
Response: 195277390  
Conc: 50.00 ng/ml



#10 gamma-Chlordane

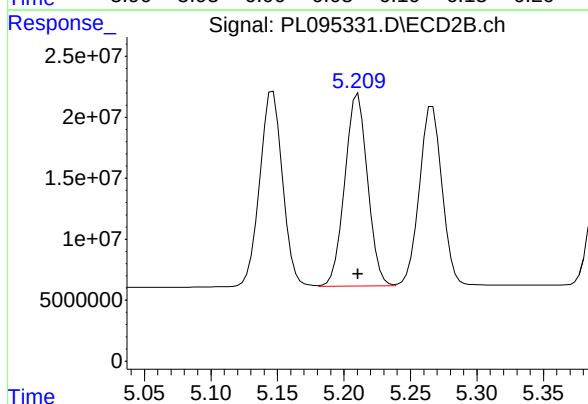
R.T.: 5.147 min  
Delta R.T.: 0.000 min  
Response: 191000971  
Conc: 50.00 ng/ml



#11 alpha-Chlordane

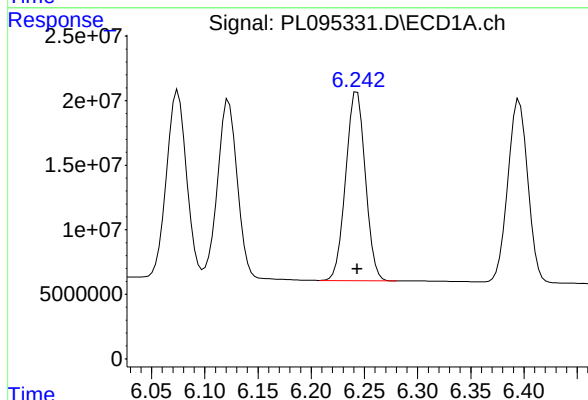
R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 194300314  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050



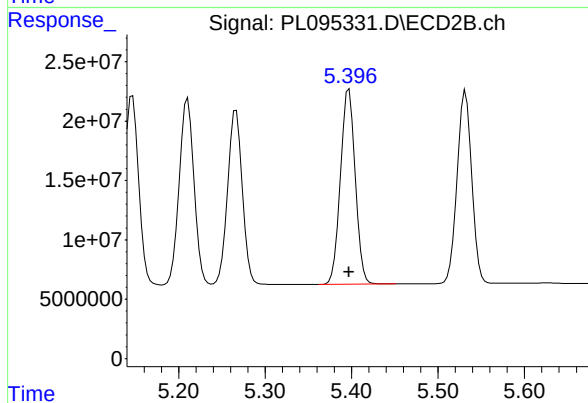
#11 alpha-Chlordane

R.T.: 5.211 min  
Delta R.T.: 0.000 min  
Response: 188256243  
Conc: 50.00 ng/ml



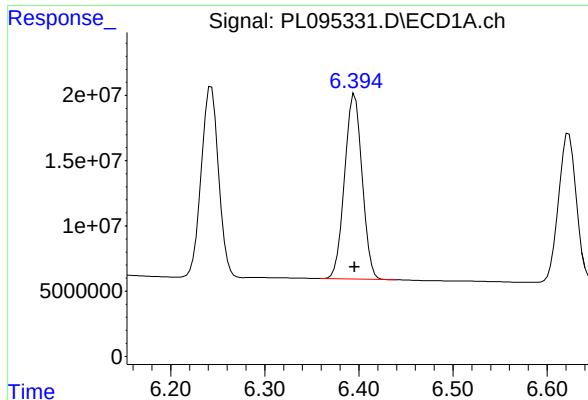
#12 4,4'-DDE

R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 186685923  
Conc: 50.00 ng/ml



#12 4,4'-DDE

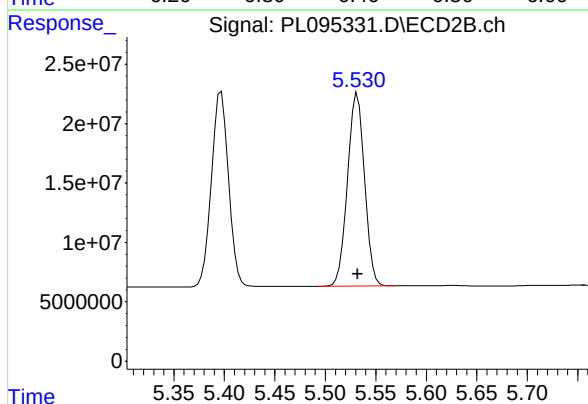
R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 193266652  
Conc: 50.00 ng/ml



#13 Dieldrin

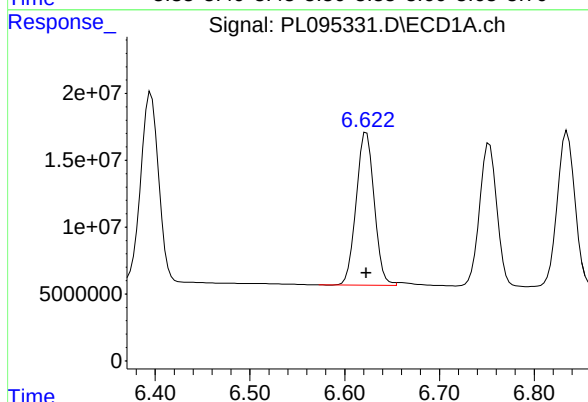
R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 183933353  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050



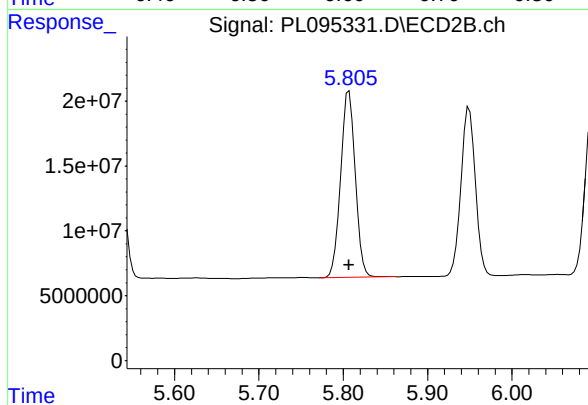
#13 Dieldrin

R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 191070370  
Conc: 50.00 ng/ml



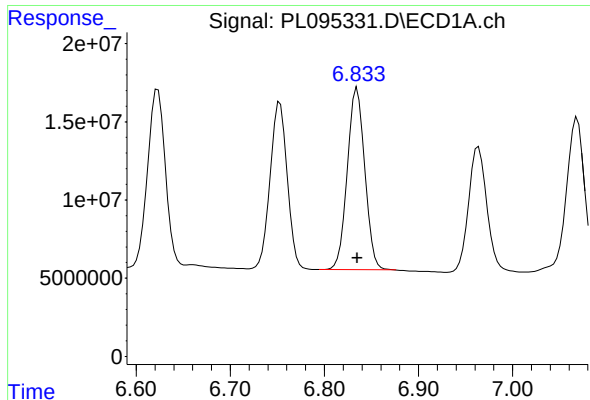
#14 Endrin

R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 151468547  
Conc: 50.00 ng/ml



#14 Endrin

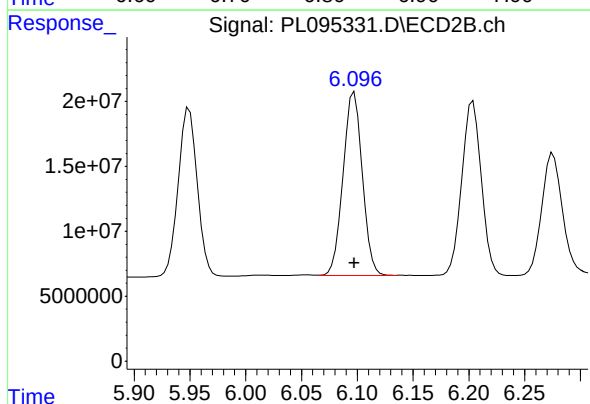
R.T.: 5.807 min  
Delta R.T.: 0.000 min  
Response: 173012074  
Conc: 50.00 ng/ml



## #15 Endosulfan II

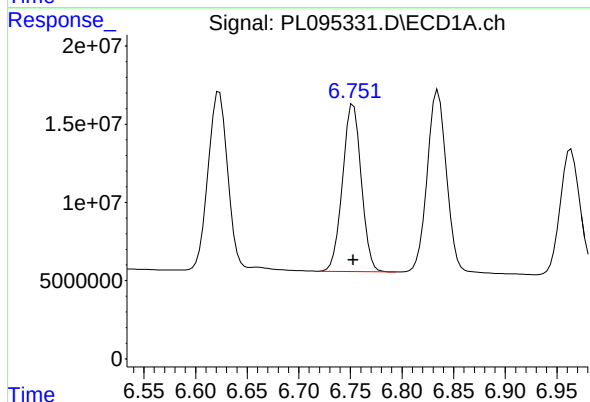
R.T.: 6.835 min  
Delta R.T.: 0.000 min  
Response: 150136467  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050



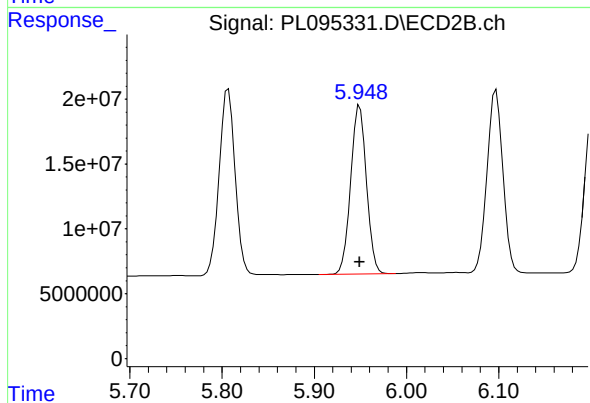
## #15 Endosulfan II

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 169194430  
Conc: 50.00 ng/ml



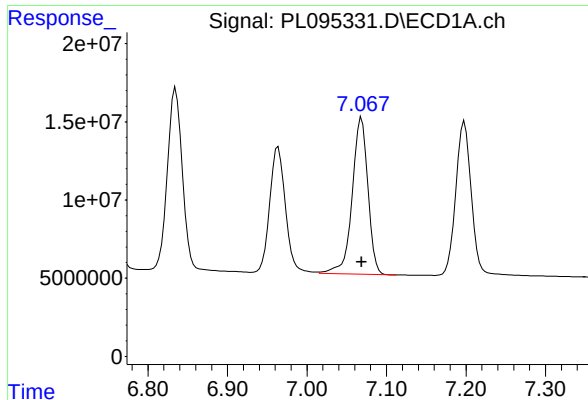
## #16 4,4'-DDD

R.T.: 6.753 min  
Delta R.T.: 0.000 min  
Response: 135370128  
Conc: 50.00 ng/ml



## #16 4,4'-DDD

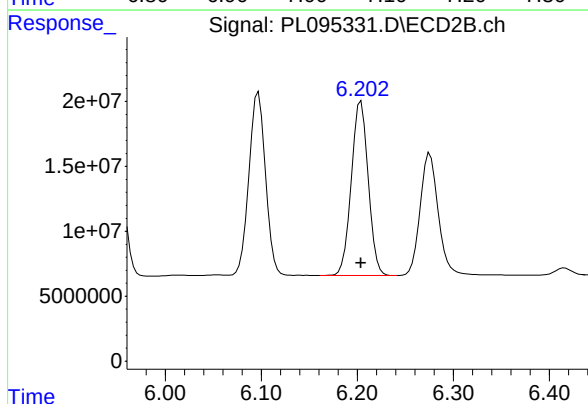
R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 154470926  
Conc: 50.00 ng/ml



#17 4,4'-DDT

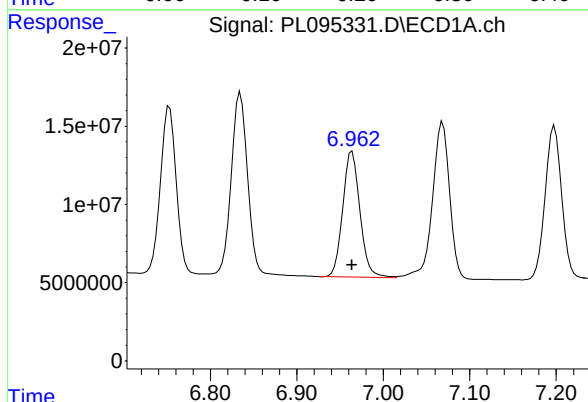
R.T.: 7.069 min  
Delta R.T.: 0.000 min  
Response: 138014497  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050



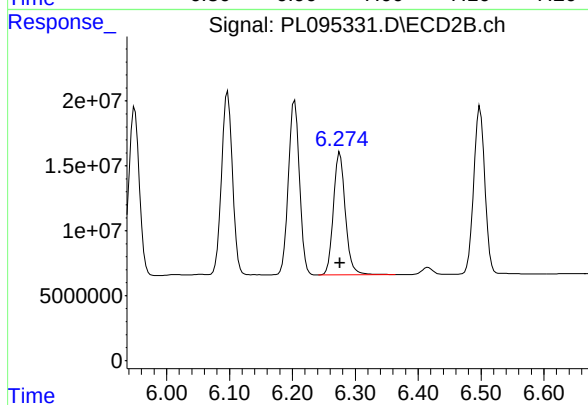
#17 4,4'-DDT

R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 163865649  
Conc: 50.00 ng/ml



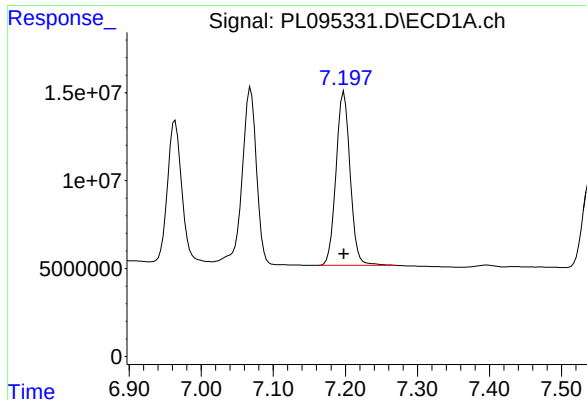
#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: 0.000 min  
Response: 110876762  
Conc: 50.00 ng/ml



#18 Endrin aldehyde

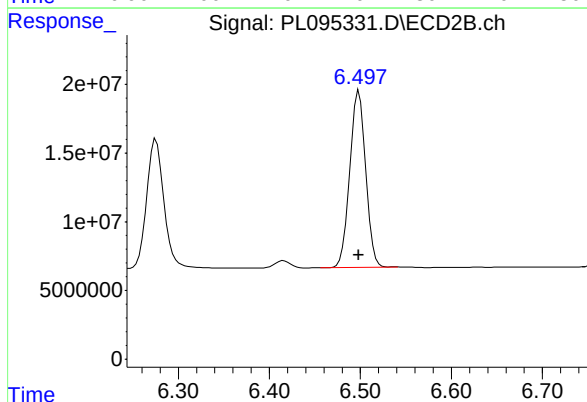
R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 123643969  
Conc: 50.00 ng/ml



## #19 Endosulfan Sulfate

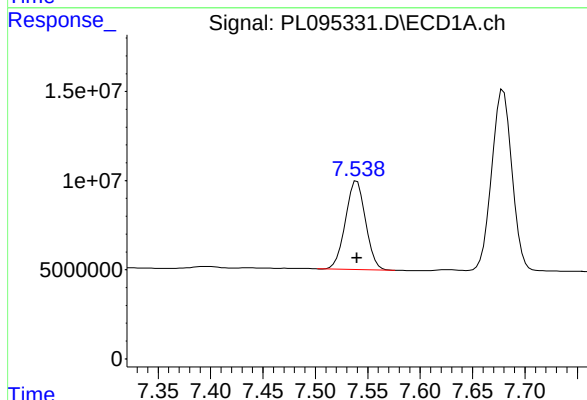
R.T.: 7.198 min  
Delta R.T.: 0.000 min  
Response: 133416138  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050



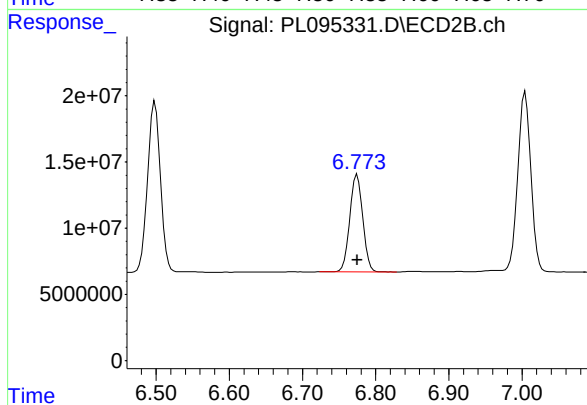
## #19 Endosulfan Sulfate

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 156854144  
Conc: 50.00 ng/ml



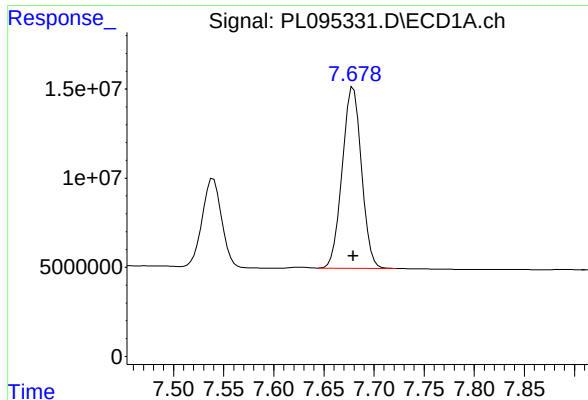
## #20 Methoxychlor

R.T.: 7.540 min  
Delta R.T.: 0.000 min  
Response: 66506986  
Conc: 50.00 ng/ml



## #20 Methoxychlor

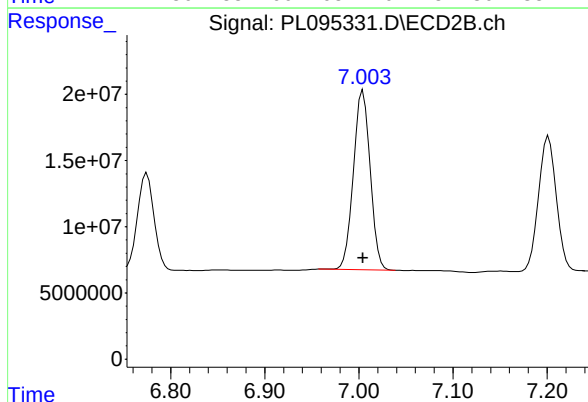
R.T.: 6.775 min  
Delta R.T.: 0.000 min  
Response: 90587055  
Conc: 50.00 ng/ml



#21 Endrin ketone

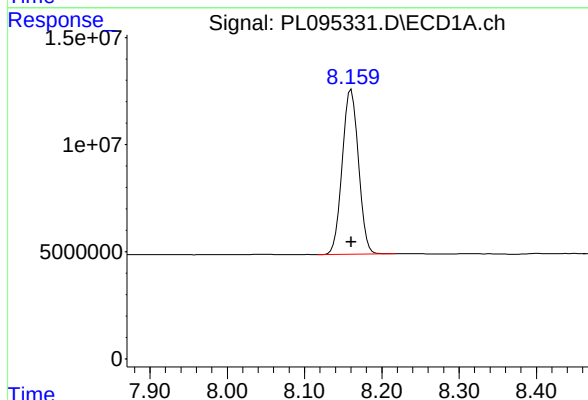
R.T.: 7.679 min  
Delta R.T.: 0.000 min  
Response: 135960297  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050



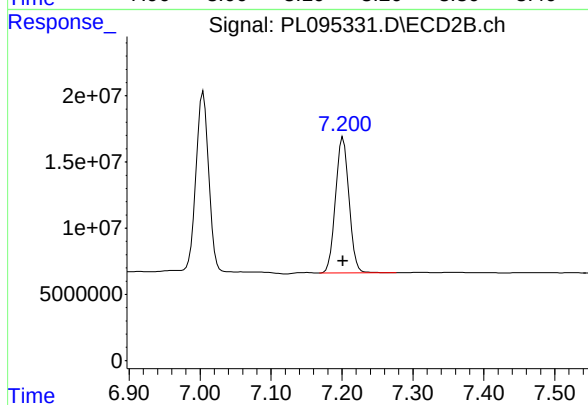
#21 Endrin ketone

R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 167739735  
Conc: 50.00 ng/ml



#22 Mirex

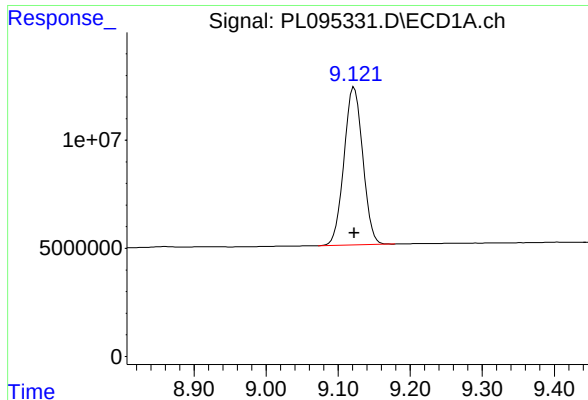
R.T.: 8.161 min  
Delta R.T.: 0.000 min  
Response: 111665092  
Conc: 50.00 ng/ml



#22 Mirex

R.T.: 7.202 min  
Delta R.T.: 0.000 min  
Response: 135843022  
Conc: 50.00 ng/ml

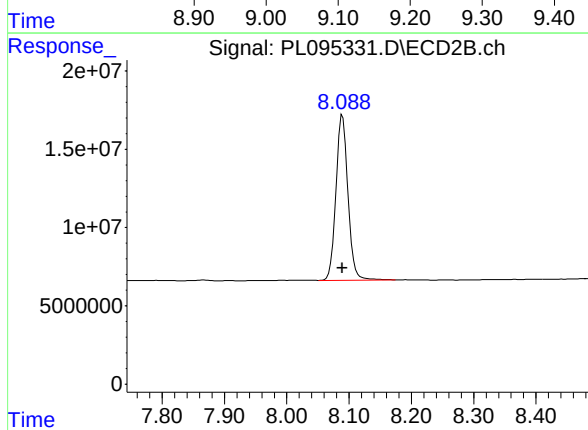




#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: 0.000 min  
Response: 132162192  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050



#28 Decachlorobiphenyl

R.T.: 8.089 min  
Delta R.T.: 0.000 min  
Response: 140963039  
Conc: 50.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
 Data File : PL095332.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 12:12  
 Operator : AR\AJ  
 Sample : PSTDICC025  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

ECD\_L

ClientSampleId :

PSTDICC025

## Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 12:33:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 12:26:08 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-------|-------|----------|----------|--------|---------|
| -----                       |       |       |          |          |        |         |
| System Monitoring Compounds |       |       |          |          |        |         |
| 1) SA Tetrachlo...          | 3.595 | 2.906 | 82279109 | 79670448 | 25.556 | 25.405  |
| 28) SA Decachlor...         | 9.124 | 8.090 | 70535847 | 76004301 | 26.234 | 26.034  |
| Target Compounds            |       |       |          |          |        |         |
| 2) A alpha-BHC              | 4.047 | 3.416 | 121.3E6  | 108.7E6  | 24.454 | 24.298  |
| 3) MA gamma-BHC...          | 4.378 | 3.750 | 116.7E6  | 108.7E6  | 24.751 | 24.663  |
| 4) MA Heptachlor            | 4.976 | 4.105 | 114.4E6  | 109.1E6  | 25.344 | 25.223  |
| 5) MB Aldrin                | 5.318 | 4.390 | 113.5E6  | 102.3E6  | 24.986 | 24.836  |
| 6) B beta-BHC               | 4.564 | 4.044 | 52142080 | 53091040 | 25.782 | 26.127  |
| 7) B delta-BHC              | 4.812 | 4.280 | 114.2E6  | 107.7E6  | 24.868 | 24.518  |
| 8) B Heptachlo...           | 5.740 | 4.894 | 100.8E6  | 97198123 | 25.588 | 25.436  |
| 9) A Endosulfan I           | 6.123 | 5.267 | 94665753 | 92648144 | 25.369 | 25.433  |
| 10) B gamma-Chl...          | 5.994 | 5.147 | 102.0E6  | 101.3E6  | 25.228 | 25.273  |
| 11) B alpha-Chl...          | 6.075 | 5.211 | 102.1E6  | 100.0E6  | 25.401 | 25.384  |
| 12) B 4,4'-DDE              | 6.243 | 5.398 | 98088772 | 102.4E6  | 25.397 | 25.298  |
| 13) MA Dieldrin             | 6.396 | 5.532 | 96281168 | 101.2E6  | 25.205 | 25.192  |
| 14) MA Endrin               | 6.624 | 5.807 | 79734368 | 91669531 | 25.445 | 25.334  |
| 15) B Endosulfa...          | 6.836 | 6.097 | 80317081 | 90454520 | 25.810 | 25.538  |
| 16) A 4,4'-DDD              | 6.753 | 5.950 | 70509869 | 81698054 | 25.153 | 25.132  |
| 17) MA 4,4'-DDT             | 7.068 | 6.204 | 71529390 | 86031617 | 25.119 | 24.998  |
| 18) B Endrin al...          | 6.965 | 6.276 | 59366165 | 66150972 | 26.008 | 25.651  |
| 19) B Endosulfa...          | 7.198 | 6.499 | 71073932 | 83744169 | 25.875 | 25.644  |
| 20) A Methoxychlor          | 7.540 | 6.775 | 35648257 | 48736354 | 26.126 | 26.046  |
| 21) B Endrin ke...          | 7.679 | 7.005 | 72029844 | 88886335 | 25.738 | 25.482  |
| 22) Mirex                   | 8.161 | 7.200 | 60846386 | 74131947 | 26.712 | 26.367m |
| -----                       |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095332.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 12:12  
Operator : AR\AJ  
Sample : PSTDICC025  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDICC025

## Manual Integrations

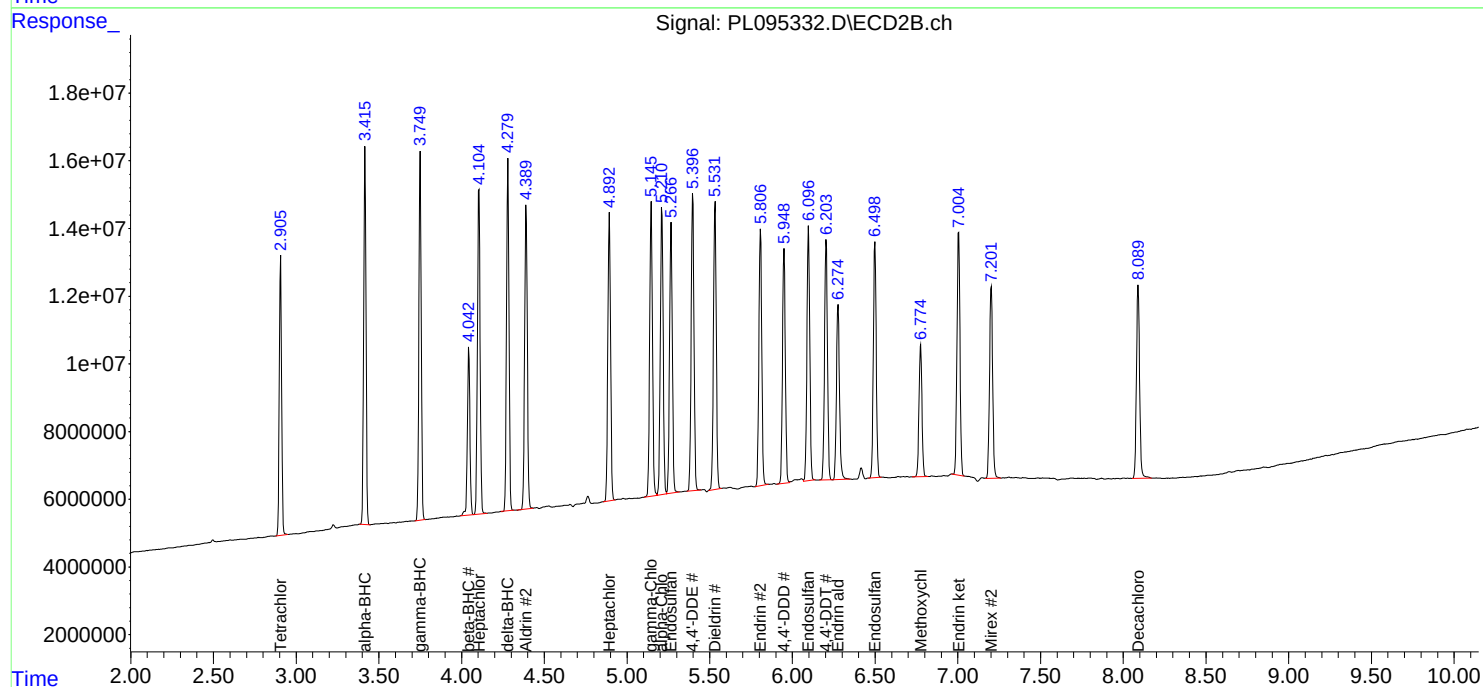
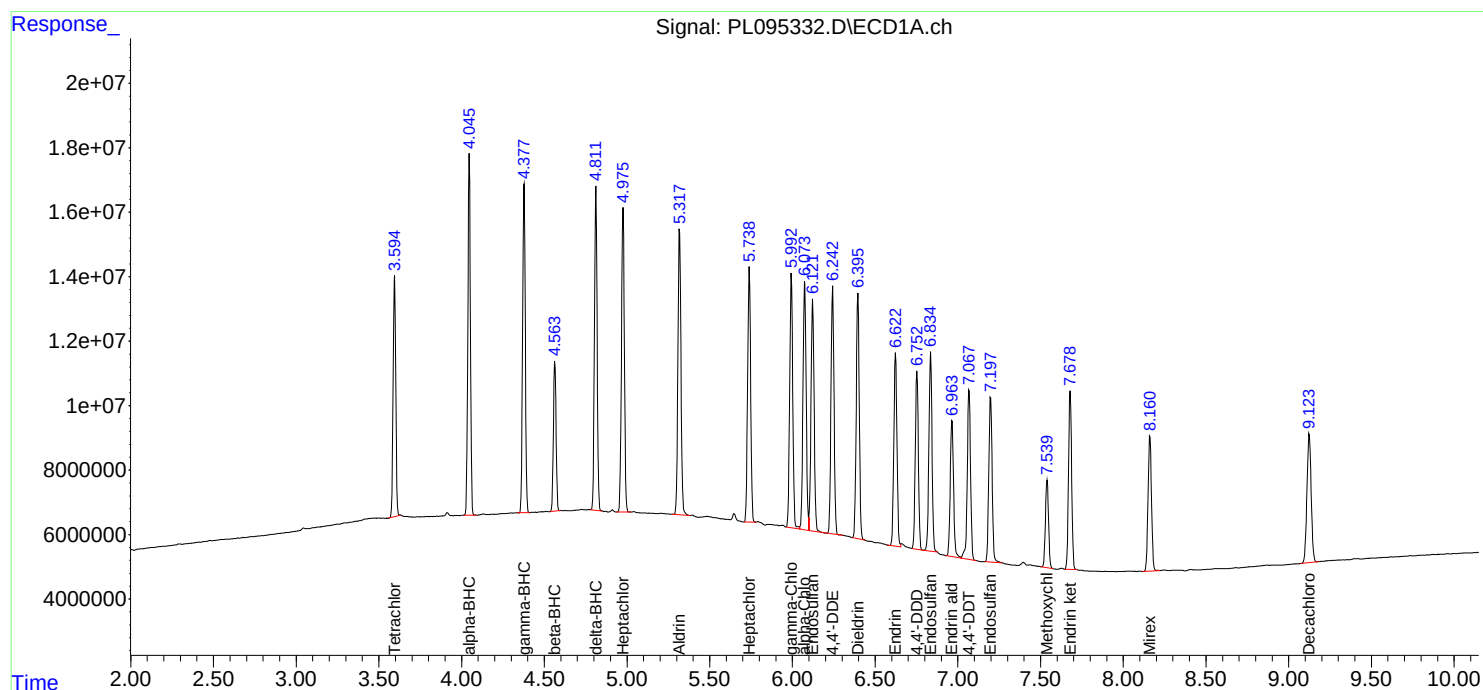
## APPROVED

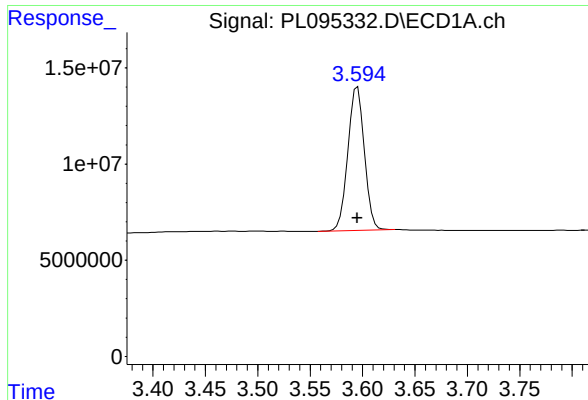
Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 12:33:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 12:26:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





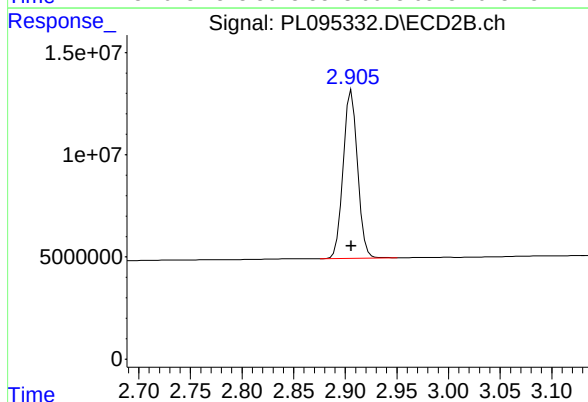
## #1 Tetrachloro-m-xylene

R.T.: 3.595 min  
Delta R.T.: 0.000 min  
Response: 82279109  
Conc: 25.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

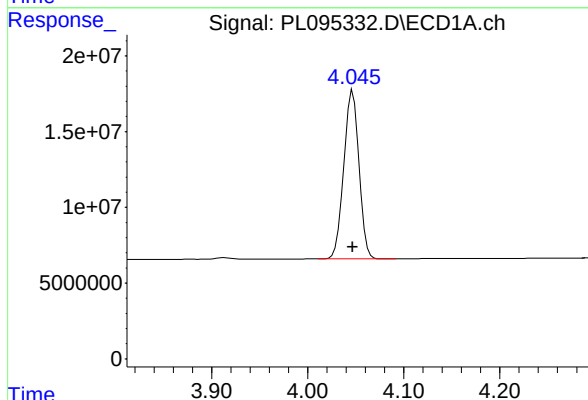
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



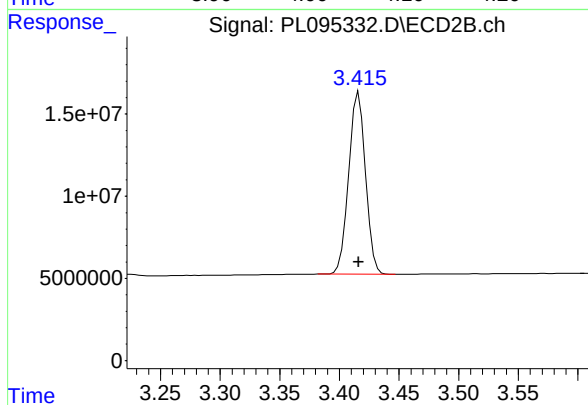
## #1 Tetrachloro-m-xylene

R.T.: 2.906 min  
Delta R.T.: 0.000 min  
Response: 79670448  
Conc: 25.41 ng/ml



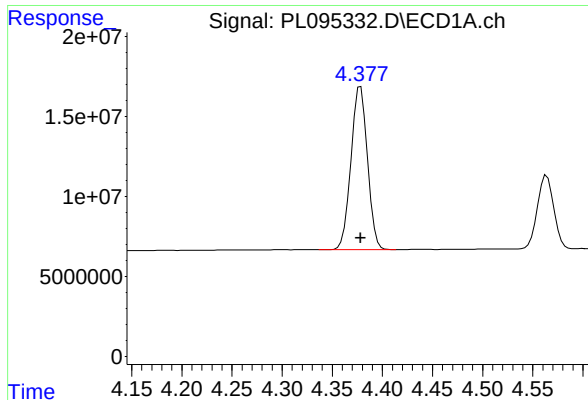
## #2 alpha-BHC

R.T.: 4.047 min  
Delta R.T.: 0.000 min  
Response: 121308952  
Conc: 24.45 ng/ml



## #2 alpha-BHC

R.T.: 3.416 min  
Delta R.T.: 0.000 min  
Response: 108731559  
Conc: 24.30 ng/ml



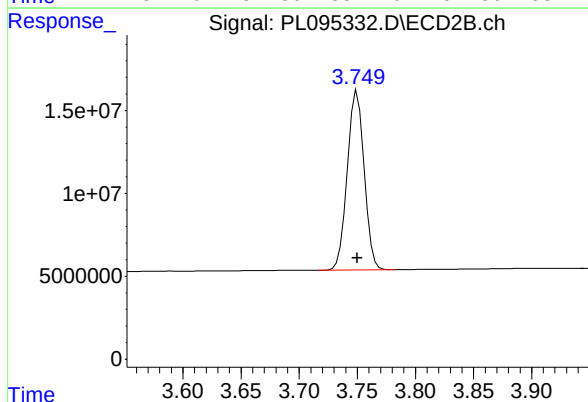
## #3 gamma-BHC (Lindane)

R.T.: 4.378 min  
Delta R.T.: 0.000 min  
Response: 116701967  
Conc: 24.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

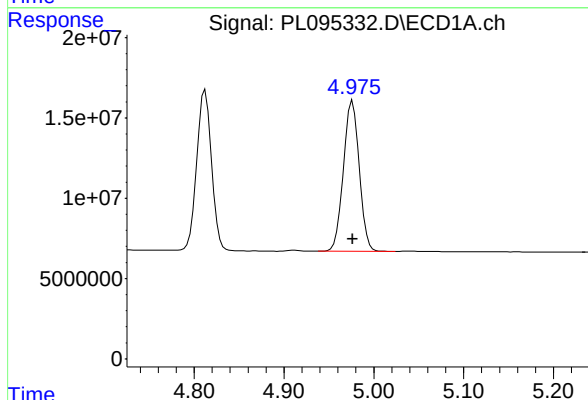
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



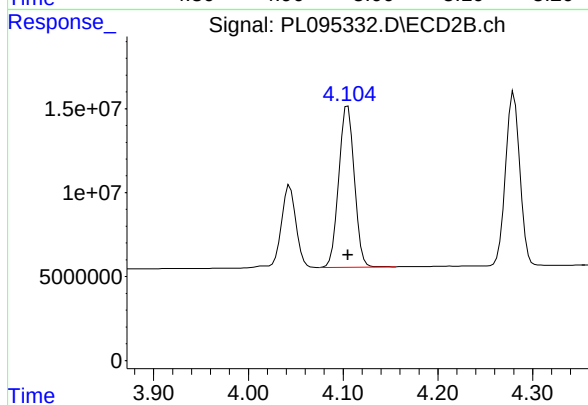
## #3 gamma-BHC (Lindane)

R.T.: 3.750 min  
Delta R.T.: 0.000 min  
Response: 108658055  
Conc: 24.66 ng/ml



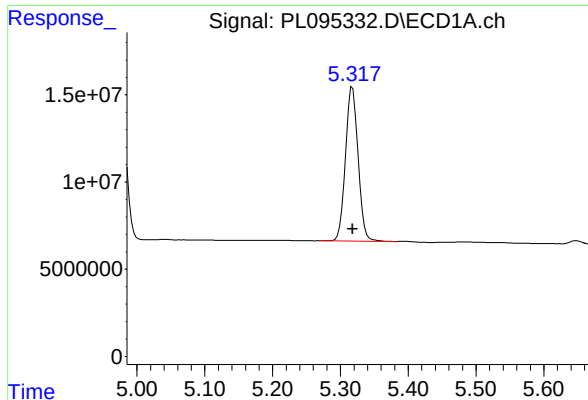
## #4 Heptachlor

R.T.: 4.976 min  
Delta R.T.: 0.000 min  
Response: 114394361  
Conc: 25.34 ng/ml



## #4 Heptachlor

R.T.: 4.105 min  
Delta R.T.: 0.000 min  
Response: 109078662  
Conc: 25.22 ng/ml



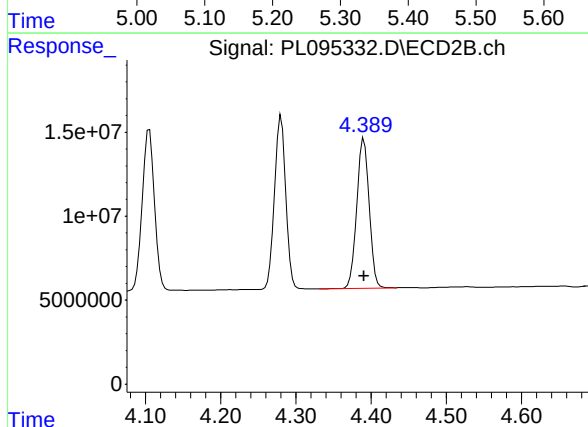
#5 Aldrin

R.T.: 5.318 min  
Delta R.T.: 0.000 min  
Response: 113544428  
Conc: 24.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

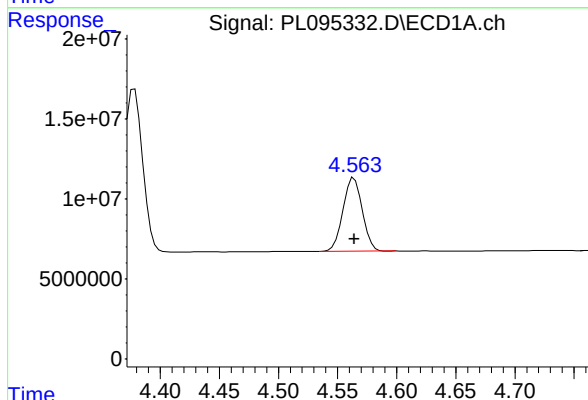
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



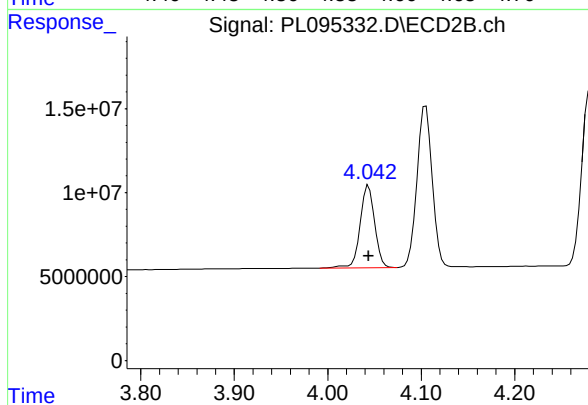
#5 Aldrin

R.T.: 4.390 min  
Delta R.T.: 0.000 min  
Response: 102258177  
Conc: 24.84 ng/ml



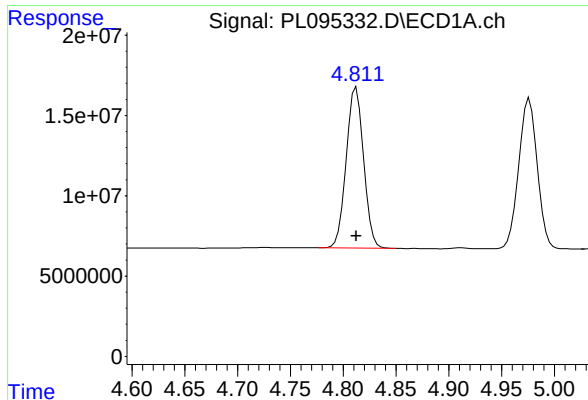
#6 beta-BHC

R.T.: 4.564 min  
Delta R.T.: 0.000 min  
Response: 52142080  
Conc: 25.78 ng/ml



#6 beta-BHC

R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 53091040  
Conc: 26.13 ng/ml



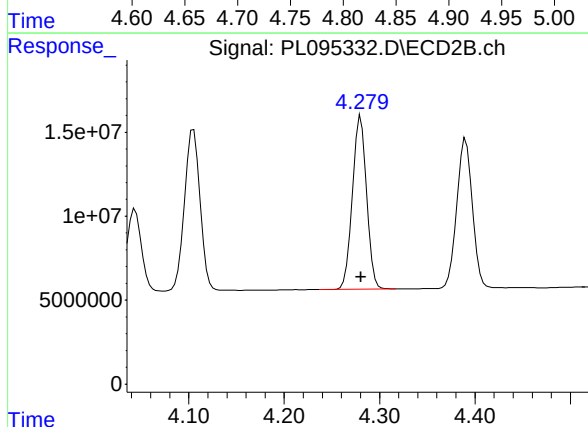
#7 delta-BHC

R.T.: 4.812 min  
Delta R.T.: 0.000 min  
Response: 114152832  
Conc: 24.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

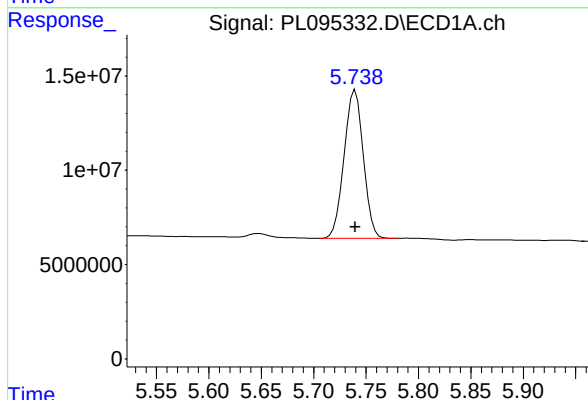
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



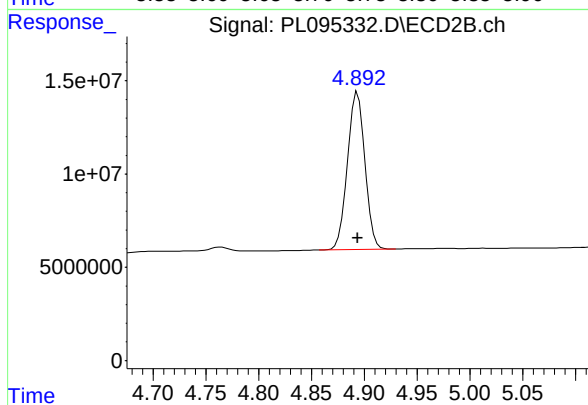
#7 delta-BHC

R.T.: 4.280 min  
Delta R.T.: 0.000 min  
Response: 107702234  
Conc: 24.52 ng/ml



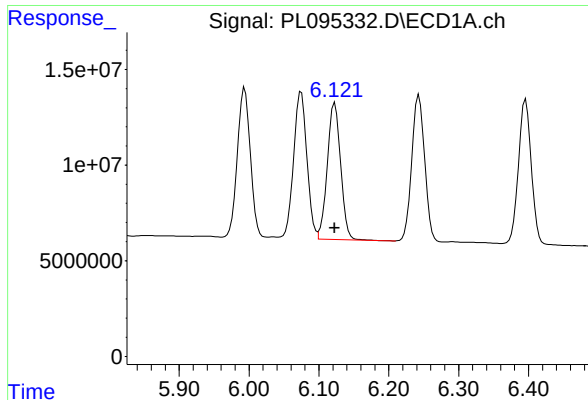
#8 Heptachlor epoxide

R.T.: 5.740 min  
Delta R.T.: 0.000 min  
Response: 100790865  
Conc: 25.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 97198123  
Conc: 25.44 ng/ml



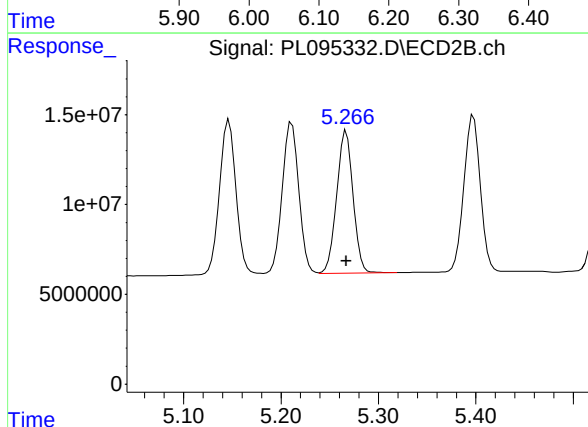
## #9 Endosulfan I

R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 94665753  
Conc: 25.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

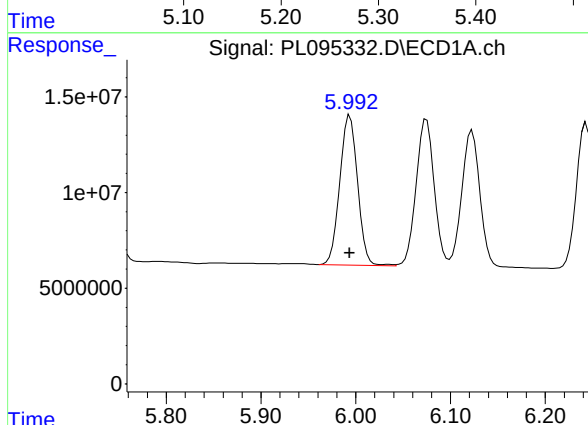
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



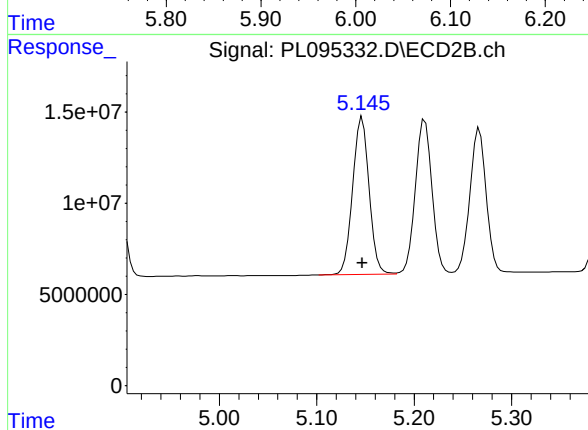
## #9 Endosulfan I

R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 92648144  
Conc: 25.43 ng/ml



## #10 gamma-Chlordane

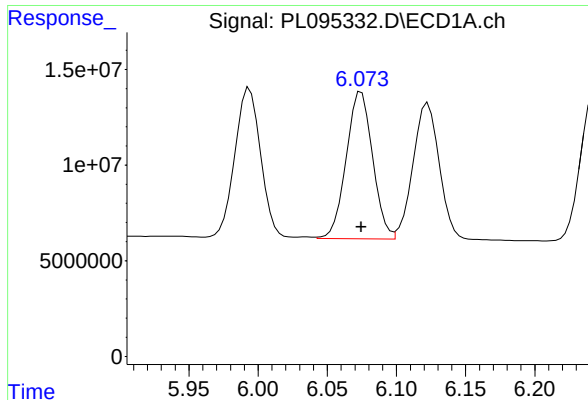
R.T.: 5.994 min  
Delta R.T.: 0.000 min  
Response: 101968760  
Conc: 25.23 ng/ml



## #10 gamma-Chlordane

R.T.: 5.147 min  
Delta R.T.: 0.000 min  
Response: 101250223  
Conc: 25.27 ng/ml





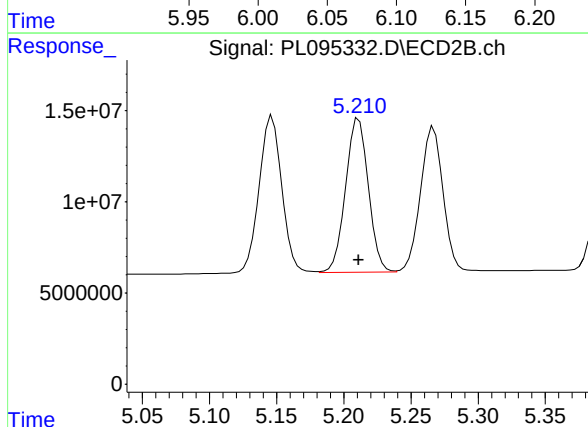
#11 alpha-Chlordane

R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 102090791  
Conc: 25.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

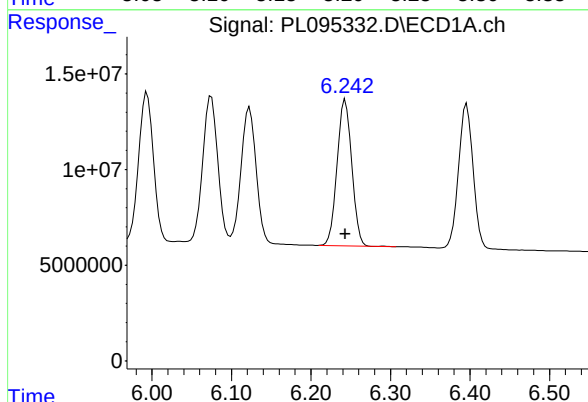
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



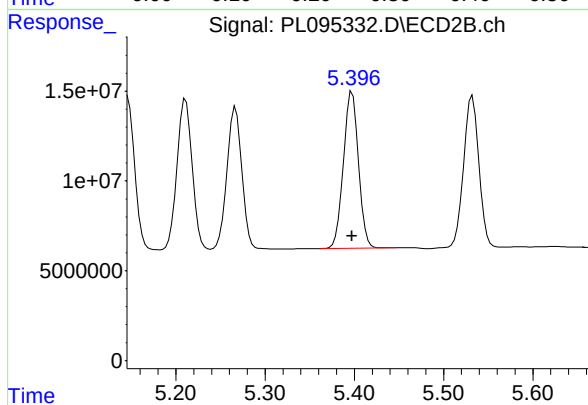
#11 alpha-Chlordane

R.T.: 5.211 min  
Delta R.T.: 0.000 min  
Response: 100026867  
Conc: 25.38 ng/ml



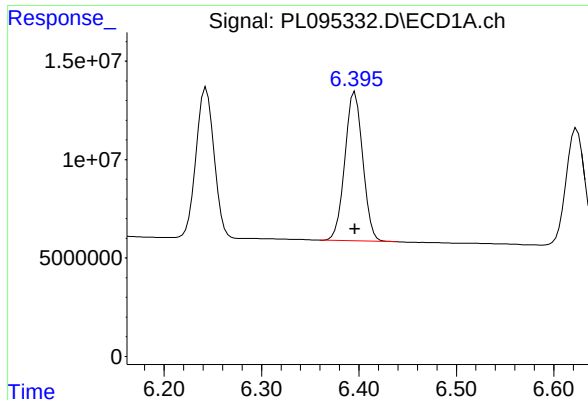
#12 4,4'-DDE

R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 98088772  
Conc: 25.40 ng/ml



#12 4,4'-DDE

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 102363973  
Conc: 25.30 ng/ml



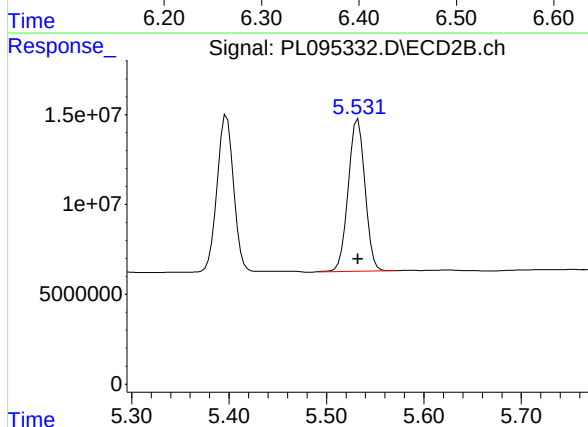
#13 Dieldrin

R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 96281168  
Conc: 25.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

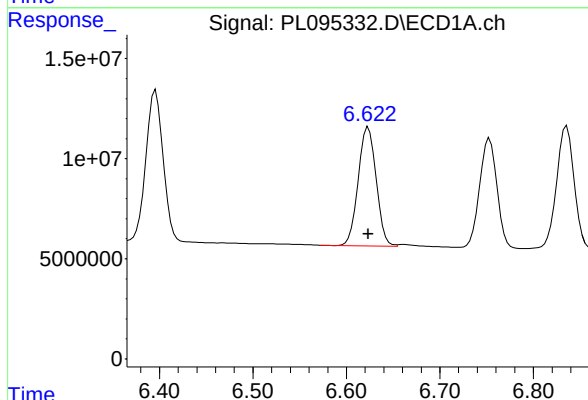
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



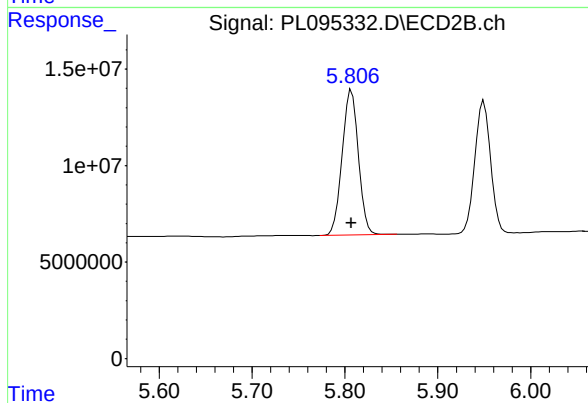
#13 Dieldrin

R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 101218085  
Conc: 25.19 ng/ml



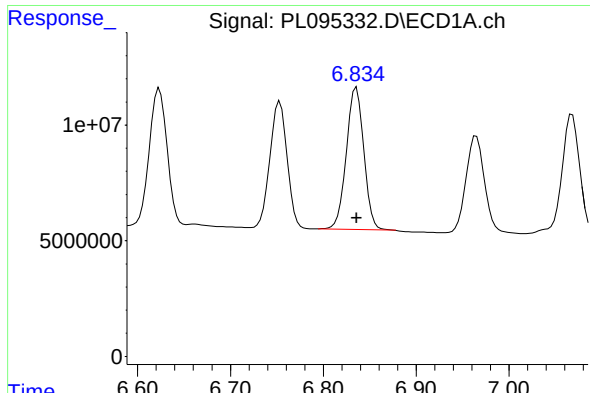
#14 Endrin

R.T.: 6.624 min  
Delta R.T.: 0.000 min  
Response: 79734368  
Conc: 25.45 ng/ml



#14 Endrin

R.T.: 5.807 min  
Delta R.T.: 0.000 min  
Response: 91669531  
Conc: 25.33 ng/ml



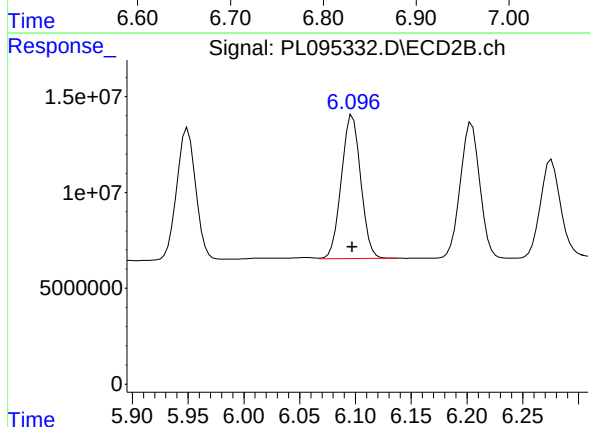
## #15 Endosulfan II

R.T.: 6.836 min  
Delta R.T.: 0.000 min  
Response: 80317081  
Conc: 25.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

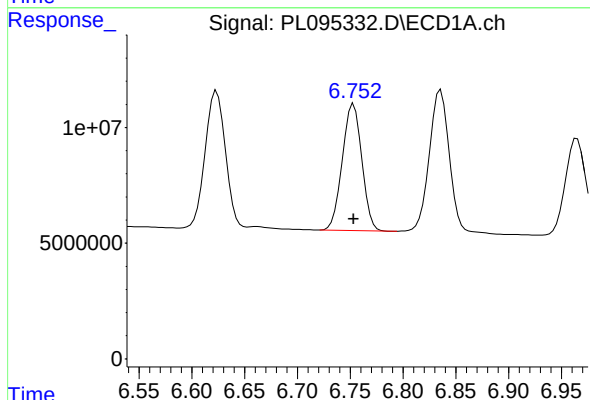
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



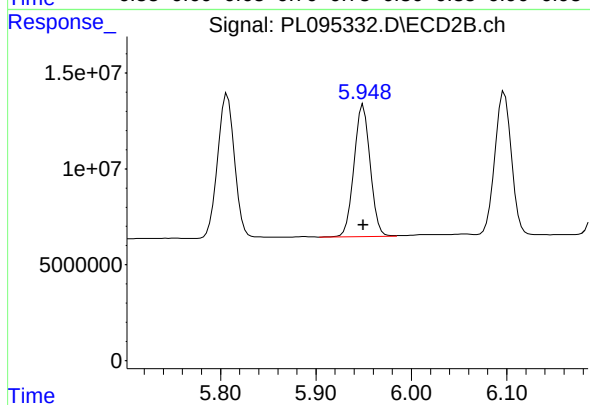
## #15 Endosulfan II

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 90454520  
Conc: 25.54 ng/ml



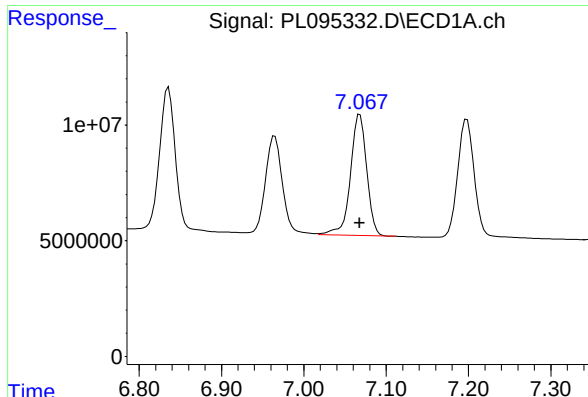
## #16 4,4'-DDD

R.T.: 6.753 min  
Delta R.T.: 0.000 min  
Response: 70509869  
Conc: 25.15 ng/ml



## #16 4,4'-DDD

R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 81698054  
Conc: 25.13 ng/ml



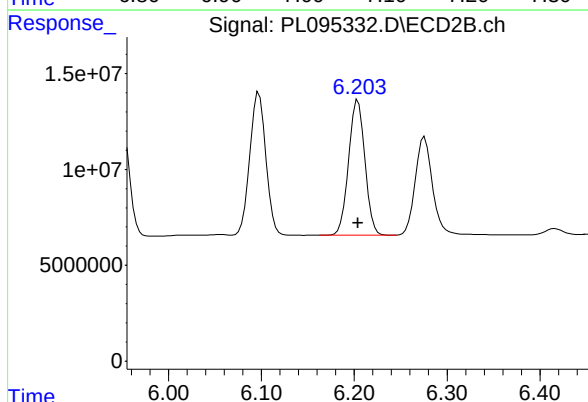
#17 4,4'-DDT

R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 71529390  
Conc: 25.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

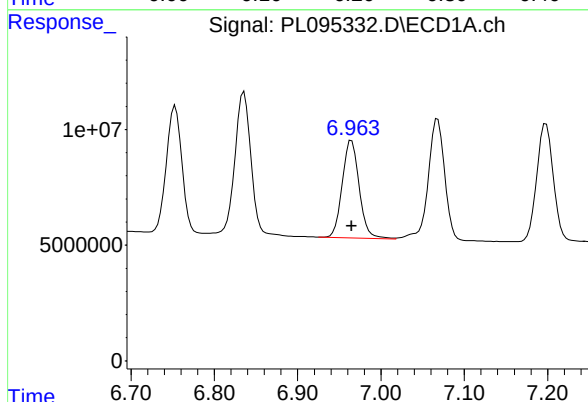
Manual Integrations  
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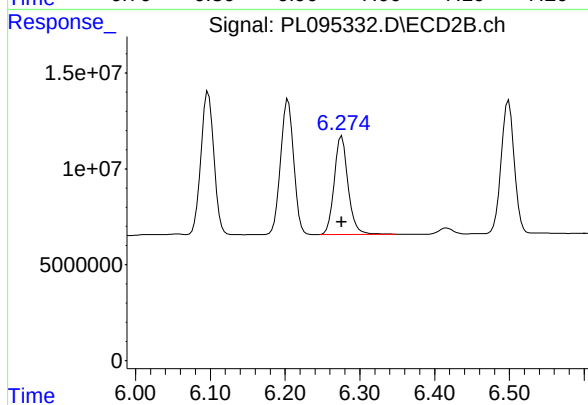
#17 4,4'-DDT

R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 86031617  
Conc: 25.00 ng/ml



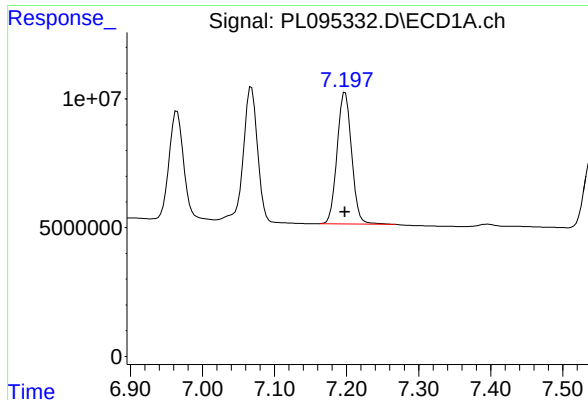
#18 Endrin aldehyde

R.T.: 6.965 min  
Delta R.T.: 0.000 min  
Response: 59366165  
Conc: 26.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 66150972  
Conc: 25.65 ng/ml



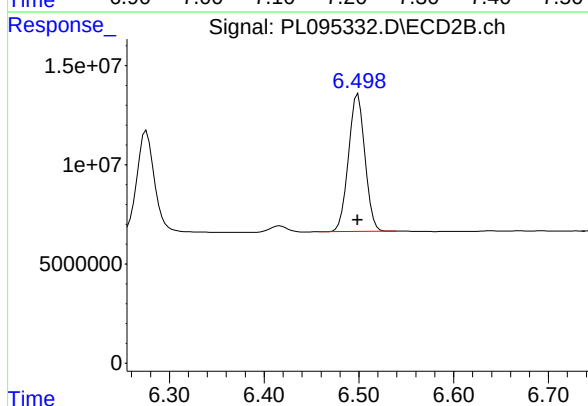
## #19 Endosulfan Sulfate

R.T.: 7.198 min  
Delta R.T.: 0.000 min  
Response: 71073932  
Conc: 25.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

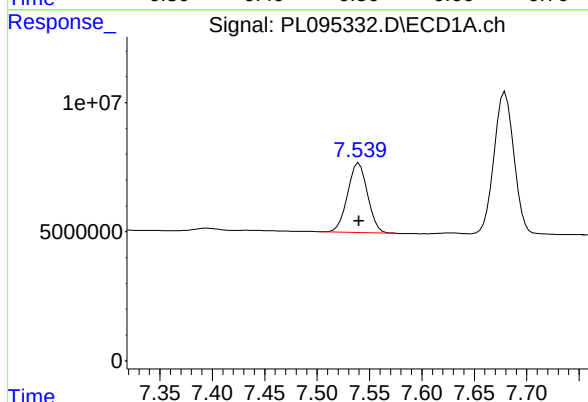
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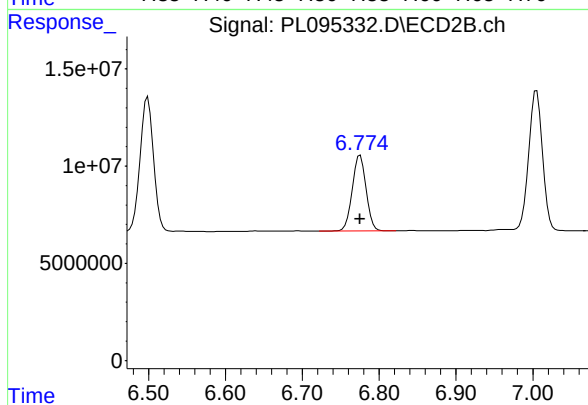
## #19 Endosulfan Sulfate

R.T.: 6.499 min  
Delta R.T.: 0.000 min  
Response: 83744169  
Conc: 25.64 ng/ml



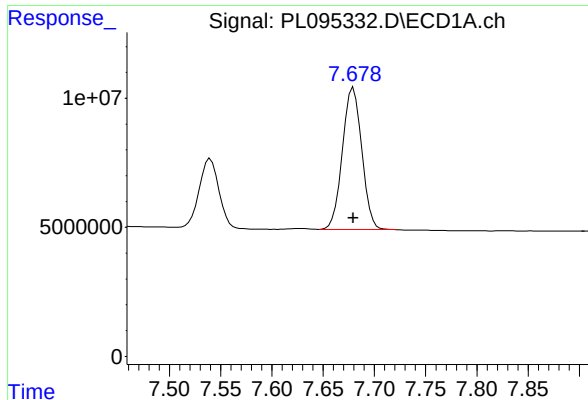
## #20 Methoxychlor

R.T.: 7.540 min  
Delta R.T.: 0.000 min  
Response: 35648257  
Conc: 26.13 ng/ml



## #20 Methoxychlor

R.T.: 6.775 min  
Delta R.T.: 0.000 min  
Response: 48736354  
Conc: 26.05 ng/ml



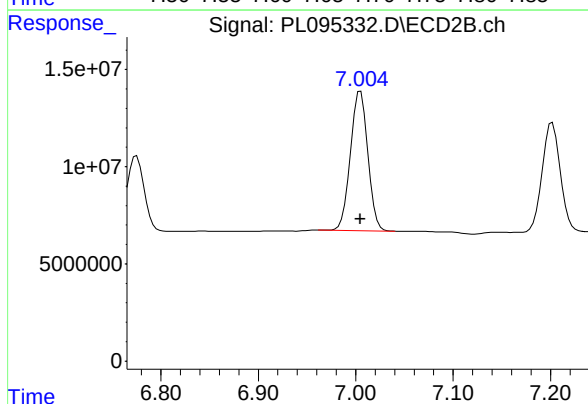
## #21 Endrin ketone

R.T.: 7.679 min  
Delta R.T.: 0.000 min  
Response: 72029844  
Conc: 25.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

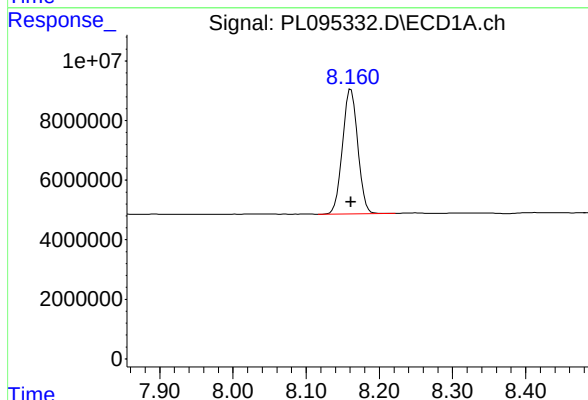
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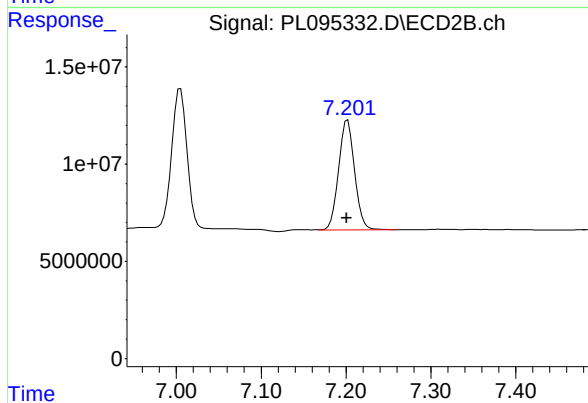
## #21 Endrin ketone

R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 88886335  
Conc: 25.48 ng/ml



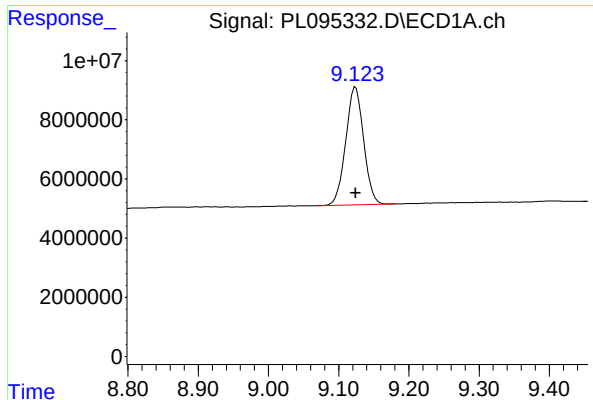
## #22 Mirex

R.T.: 8.161 min  
Delta R.T.: 0.000 min  
Response: 60846386  
Conc: 26.71 ng/ml



## #22 Mirex

R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 74131947  
Conc: 26.37 ng/ml m



#28 Decachlorobiphenyl

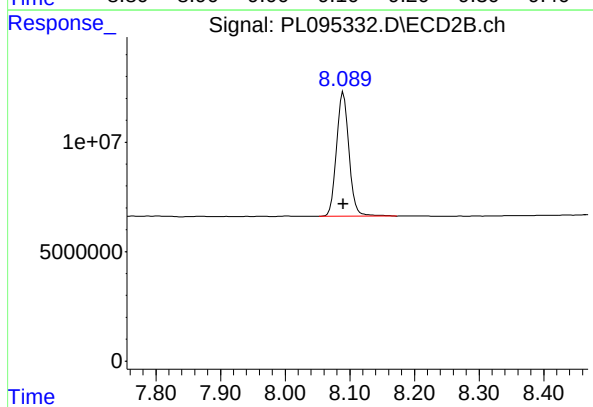
ICAL Form

R.T.: 9.124 min  
Delta R.T.: 0.000 min  
Response: 70535847  
Conc: 26.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.090 min  
Delta R.T.: 0.000 min  
Response: 76004301  
Conc: 26.03 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
 Data File : PL095333.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 12:26  
 Operator : AR\AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

ECD\_L

ClientSampleId :

PSTDICC005

## Manual Integrations

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Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 12:35:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 12:35:34 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml | ng/ml  |
|-----------------------------|-------|-------|----------|----------|-------|--------|
| -----                       |       |       |          |          |       |        |
| System Monitoring Compounds |       |       |          |          |       |        |
| 1) SA Tetrachlo...          | 3.595 | 2.905 | 17226547 | 16774274 | 5.277 | 5.275  |
| 2) SA Decachlor...          | 9.124 | 8.089 | 15494795 | 15593893 | 5.592 | 5.270  |
| Target Compounds            |       |       |          |          |       |        |
| 2) A alpha-BHC              | 4.046 | 3.415 | 24630161 | 21718521 | 4.972 | 4.882  |
| 3) MA gamma-BHC...          | 4.378 | 3.749 | 24047920 | 21843021 | 5.080 | 4.966  |
| 4) MA Heptachlor            | 4.976 | 4.104 | 24089854 | 22426031 | 5.266 | 5.147  |
| 5) MB Aldrin                | 5.317 | 4.389 | 23939616 | 20545826 | 5.212 | 4.992  |
| 6) B beta-BHC               | 4.564 | 4.043 | 11239021 | 11256224 | 5.436 | 5.422  |
| 7) B delta-BHC              | 4.812 | 4.280 | 24459248 | 21692758 | 5.259 | 4.950  |
| 8) B Heptachlo...           | 5.739 | 4.893 | 21350448 | 20141703 | 5.331 | 5.214  |
| 9) A Endosulfan I           | 6.122 | 5.266 | 20308048 | 18652835 | 5.348 | 5.096  |
| 10) B gamma-Chl...          | 5.993 | 5.146 | 21145113 | 21190077 | 5.183 | 5.229  |
| 11) B alpha-Chl...          | 6.074 | 5.210 | 21268601 | 20714715 | 5.231 | 5.203  |
| 12) B 4,4'-DDE              | 6.242 | 5.397 | 20770904 | 20747185 | 5.298 | 5.101  |
| 13) MA Dieldrin             | 6.396 | 5.532 | 19971571 | 21318751 | 5.181 | 5.242  |
| 14) MA Endrin               | 6.622 | 5.806 | 16946885 | 18649649 | 5.321 | 5.123  |
| 15) B Endosulfa...          | 6.835 | 6.097 | 17567027 | 18938000 | 5.503 | 5.274  |
| 16) A 4,4'-DDD              | 6.753 | 5.949 | 14708945 | 16655803 | 5.196 | 5.099  |
| 17) MA 4,4'-DDT             | 7.068 | 6.204 | 14262305 | 17073765 | 5.007 | 4.969  |
| 18) B Endrin al...          | 6.964 | 6.275 | 12367450 | 13751187 | 5.329 | 5.262  |
| 19) B Endosulfa...          | 7.198 | 6.498 | 15108097 | 17635344 | 5.392 | 5.315  |
| 20) A Methoxychlor          | 7.540 | 6.774 | 7589024  | 10262527 | 5.440 | 5.380  |
| 21) B Endrin ke...          | 7.679 | 7.004 | 15300793 | 18268527 | 5.367 | 5.188  |
| 22) Mirex                   | 8.161 | 7.200 | 13844446 | 15752969 | 5.827 | 5.469m |
| -----                       |       |       |          |          |       |        |

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095333.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 12:26  
Operator : AR\AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDICC005

## Manual Integrations

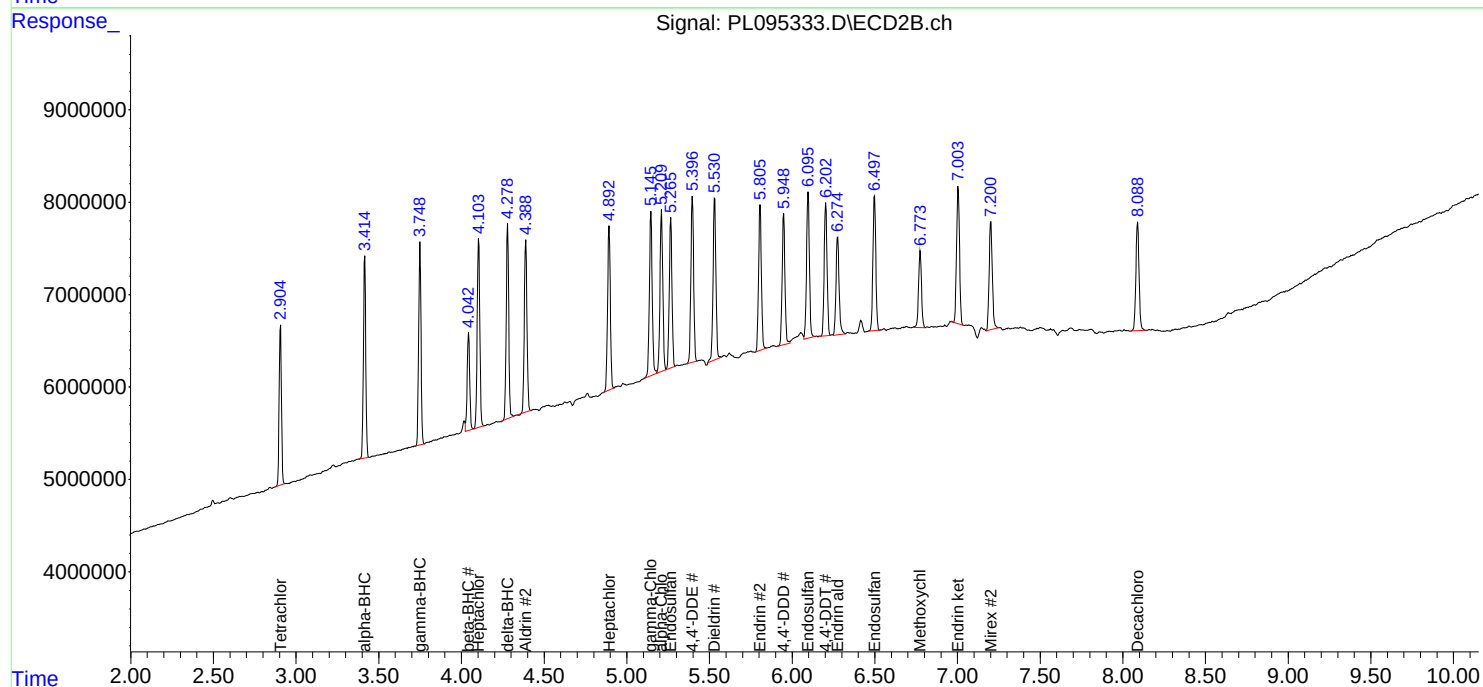
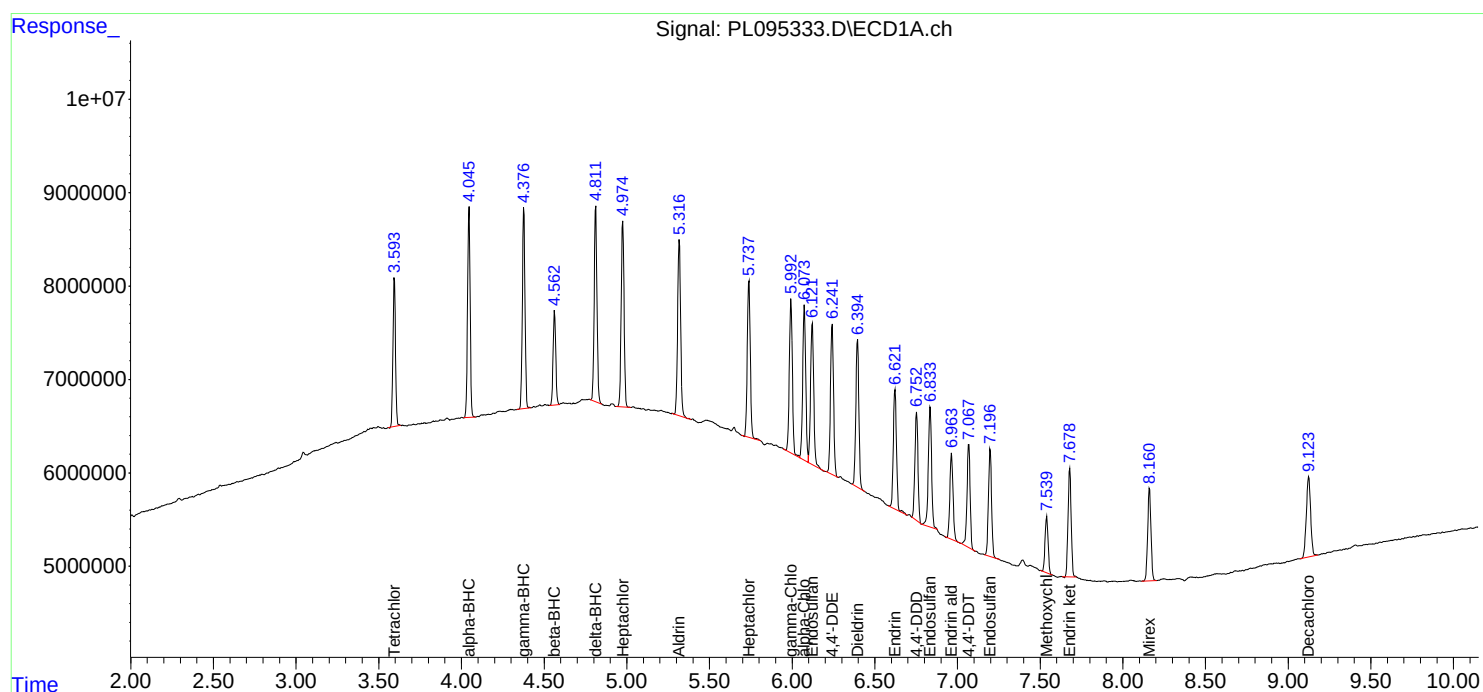
## APPROVED

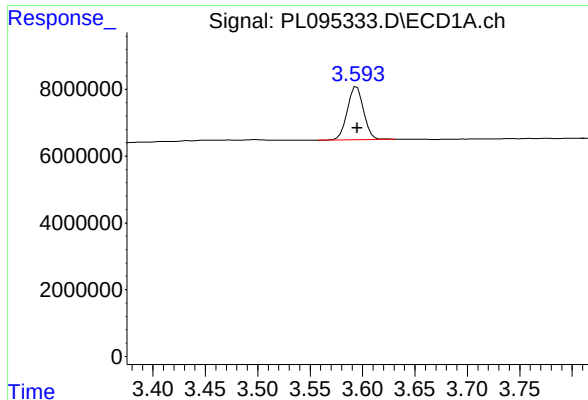
Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 12:35:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 12:35:34 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





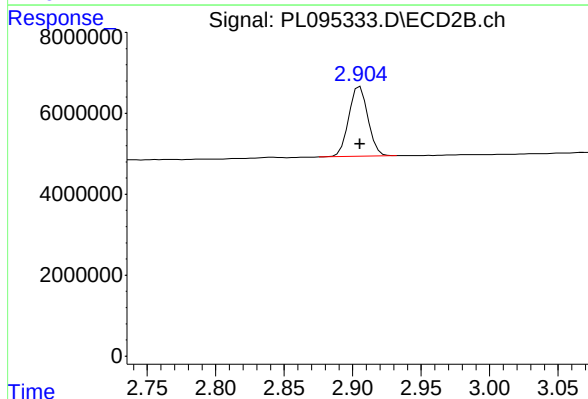
## #1 Tetrachloro-m-xylene

R.T.: 3.595 min  
Delta R.T.: 0.000 min  
Response: 17226547  
Conc: 5.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

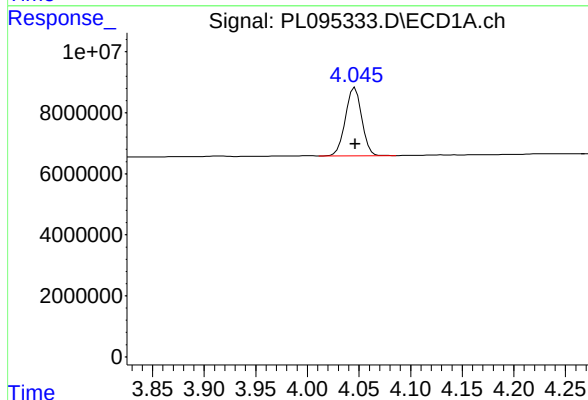
Manual Integrations  
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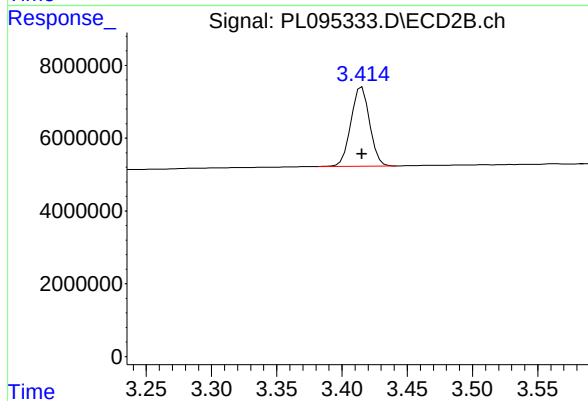
## #1 Tetrachloro-m-xylene

R.T.: 2.905 min  
Delta R.T.: 0.000 min  
Response: 16774274  
Conc: 5.28 ng/ml



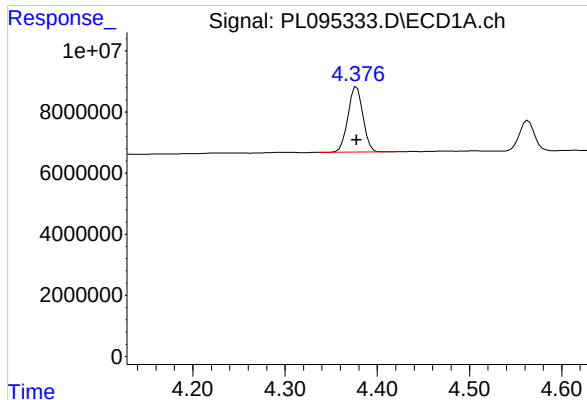
## #2 alpha-BHC

R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 24630161  
Conc: 4.97 ng/ml



## #2 alpha-BHC

R.T.: 3.415 min  
Delta R.T.: 0.000 min  
Response: 21718521  
Conc: 4.88 ng/ml



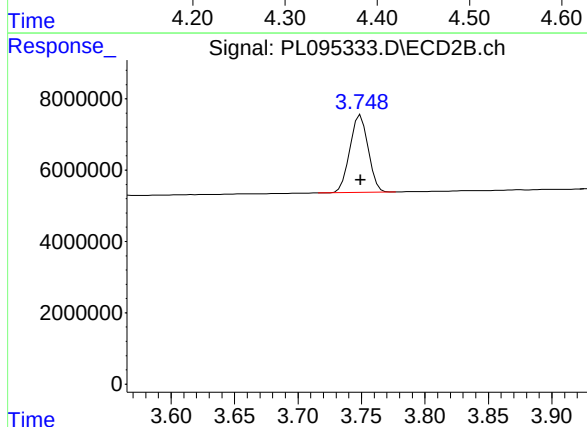
## #3 gamma-BHC (Lindane)

R.T.: 4.378 min  
Delta R.T.: 0.000 min  
Response: 24047920  
Conc: 5.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

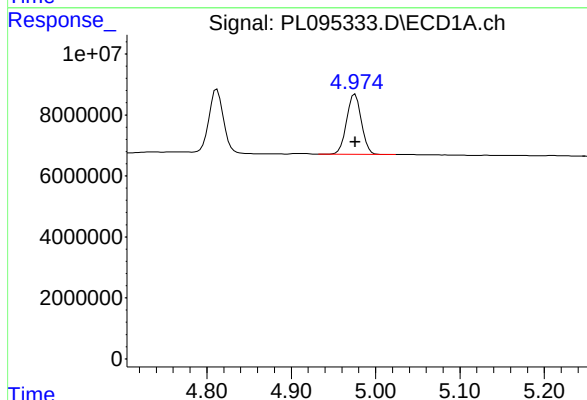
**Manual Integrations  
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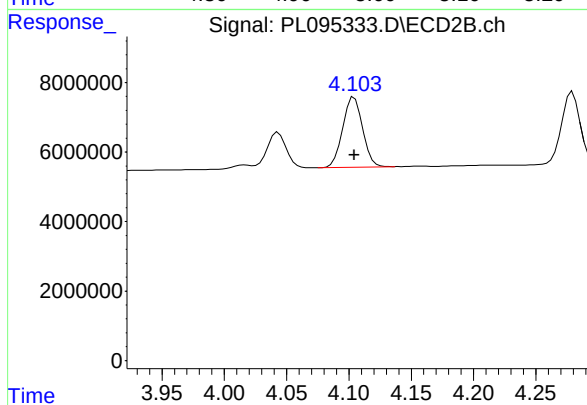
## #3 gamma-BHC (Lindane)

R.T.: 3.749 min  
Delta R.T.: 0.000 min  
Response: 21843021  
Conc: 4.97 ng/ml



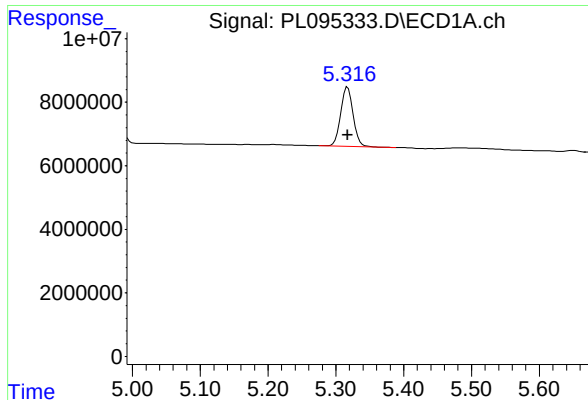
## #4 Heptachlor

R.T.: 4.976 min  
Delta R.T.: 0.000 min  
Response: 24089854  
Conc: 5.27 ng/ml



## #4 Heptachlor

R.T.: 4.104 min  
Delta R.T.: 0.000 min  
Response: 22426031  
Conc: 5.15 ng/ml



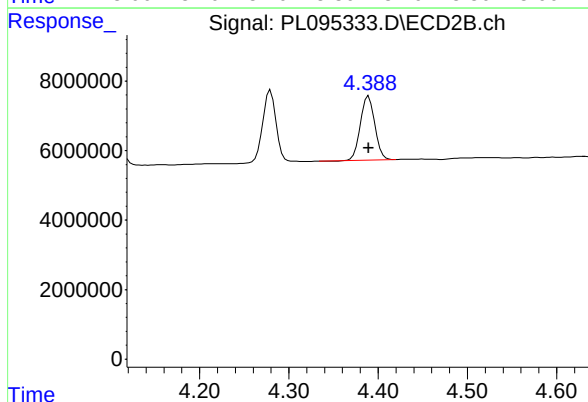
#5 Aldrin

R.T.: 5.317 min  
Delta R.T.: 0.000 min  
Response: 23939616  
Conc: 5.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

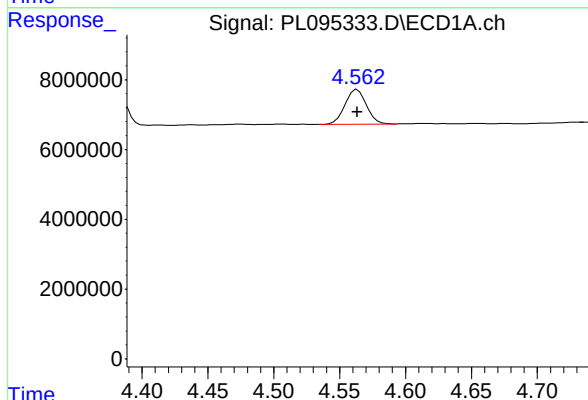
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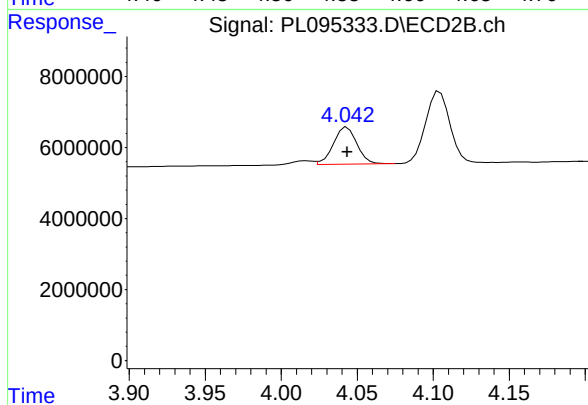
#5 Aldrin

R.T.: 4.389 min  
Delta R.T.: 0.000 min  
Response: 20545826  
Conc: 4.99 ng/ml



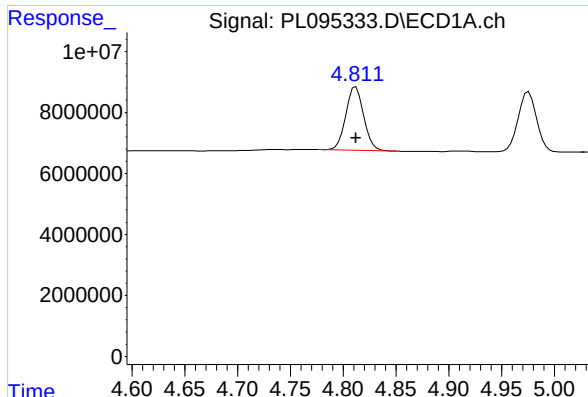
#6 beta-BHC

R.T.: 4.564 min  
Delta R.T.: 0.000 min  
Response: 11239021  
Conc: 5.44 ng/ml



#6 beta-BHC

R.T.: 4.043 min  
Delta R.T.: 0.000 min  
Response: 11256224  
Conc: 5.42 ng/ml



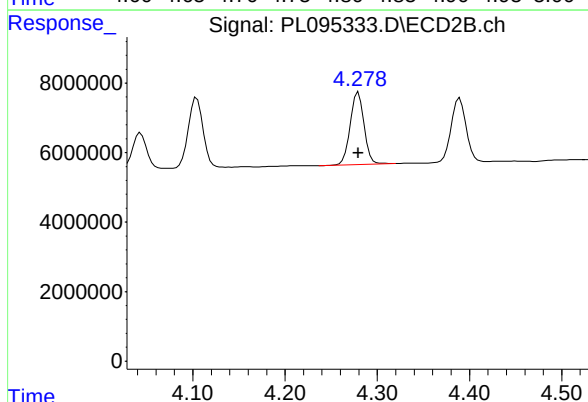
#7 delta-BHC

R.T.: 4.812 min  
Delta R.T.: 0.000 min  
Response: 24459248  
Conc: 5.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

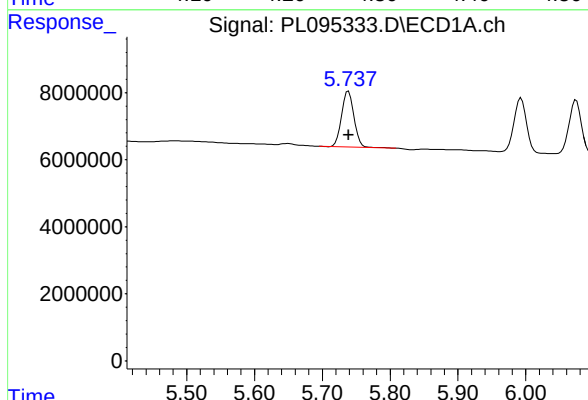
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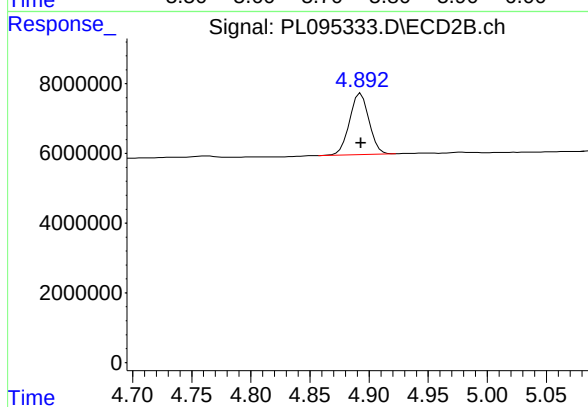
#7 delta-BHC

R.T.: 4.280 min  
Delta R.T.: 0.000 min  
Response: 21692758  
Conc: 4.95 ng/ml



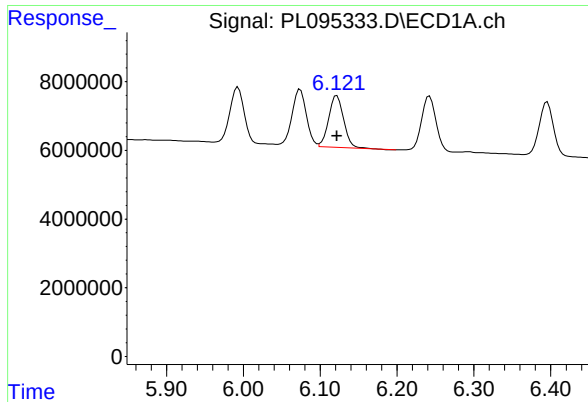
#8 Heptachlor epoxide

R.T.: 5.739 min  
Delta R.T.: 0.000 min  
Response: 21350448  
Conc: 5.33 ng/ml



#8 Heptachlor epoxide

R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 20141703  
Conc: 5.21 ng/ml



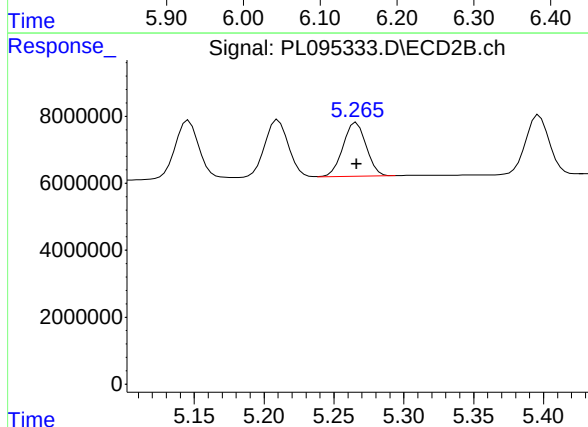
## #9 Endosulfan I

R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 20308048  
Conc: 5.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

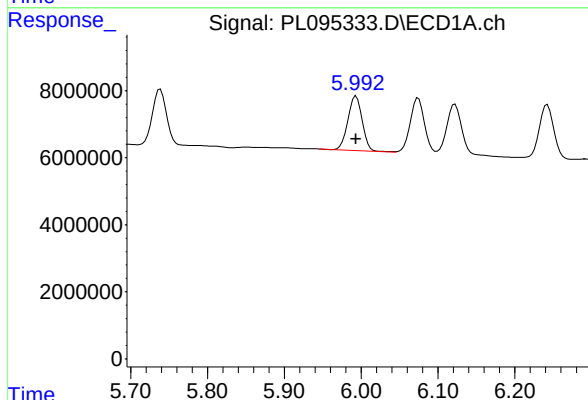
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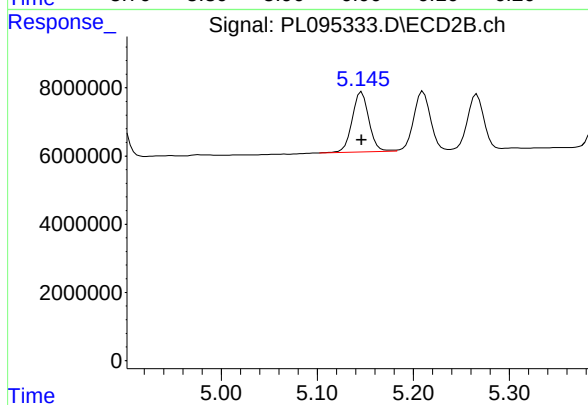
## #9 Endosulfan I

R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 18652835  
Conc: 5.10 ng/ml



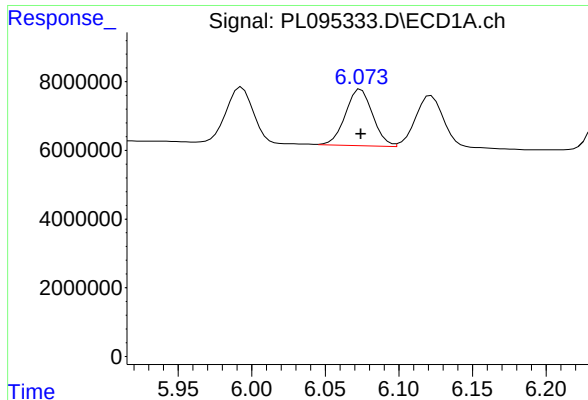
## #10 gamma-Chlordane

R.T.: 5.993 min  
Delta R.T.: 0.000 min  
Response: 21145113  
Conc: 5.18 ng/ml



## #10 gamma-Chlordane

R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 21190077  
Conc: 5.23 ng/ml



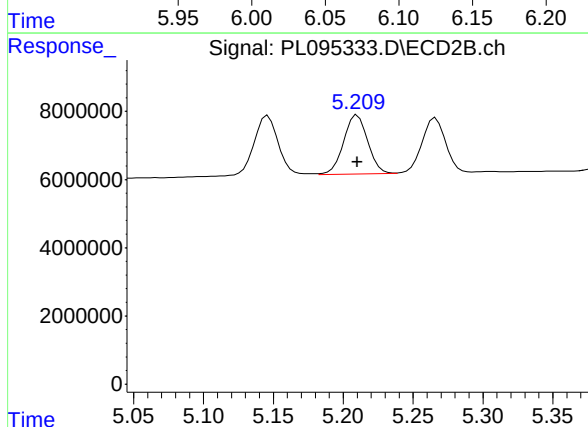
#11 alpha-Chlordane

R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 21268601  
Conc: 5.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

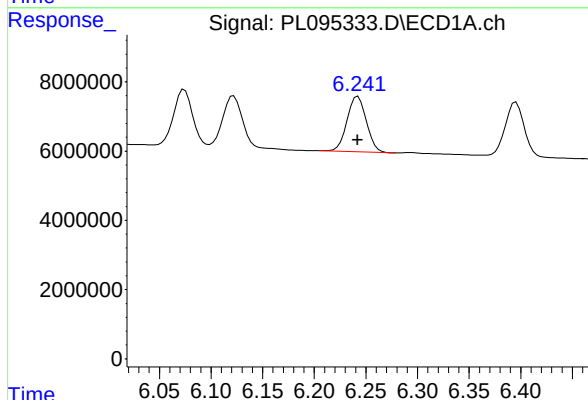
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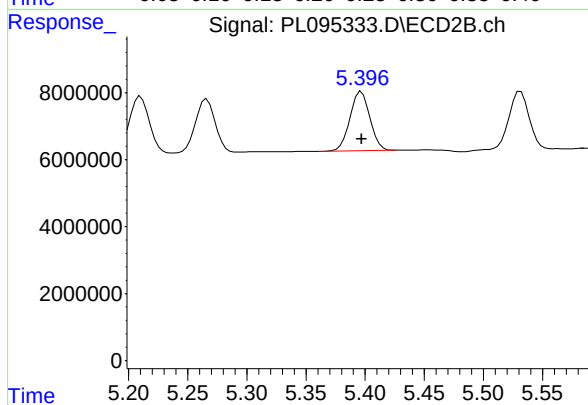
#11 alpha-Chlordane

R.T.: 5.210 min  
Delta R.T.: 0.000 min  
Response: 20714715  
Conc: 5.20 ng/ml



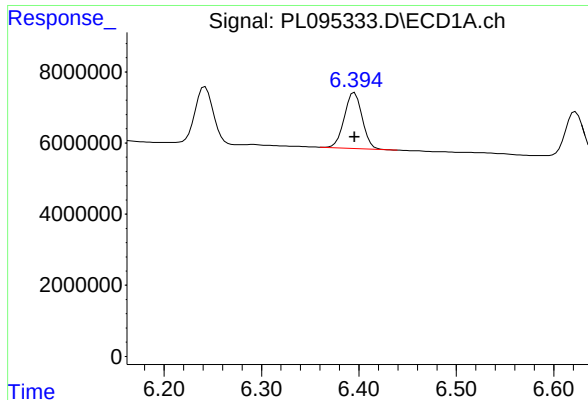
#12 4,4'-DDE

R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 20770904  
Conc: 5.30 ng/ml



#12 4,4'-DDE

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 20747185  
Conc: 5.10 ng/ml



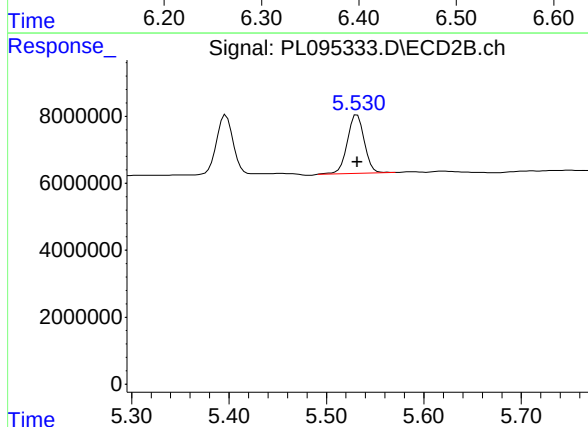
#13 Dieldrin

R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 19971571  
Conc: 5.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

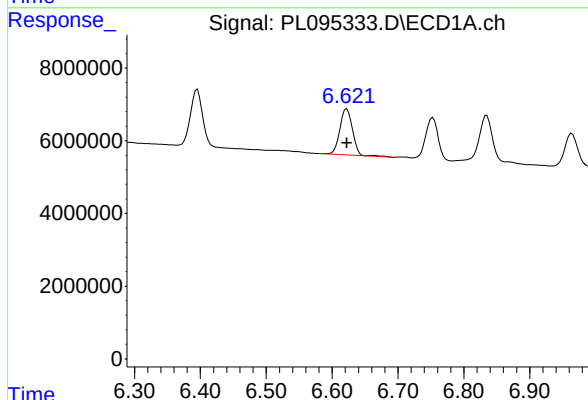
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



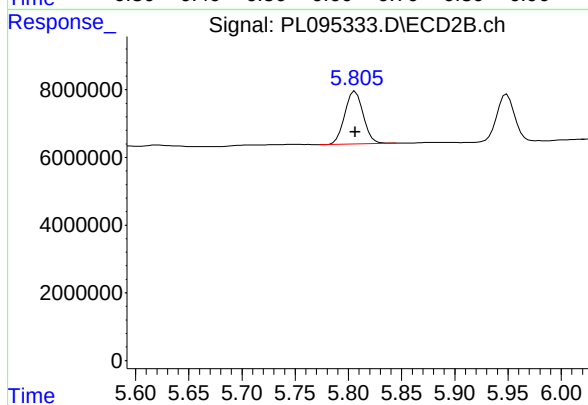
#13 Dieldrin

R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 21318751  
Conc: 5.24 ng/ml



#14 Endrin

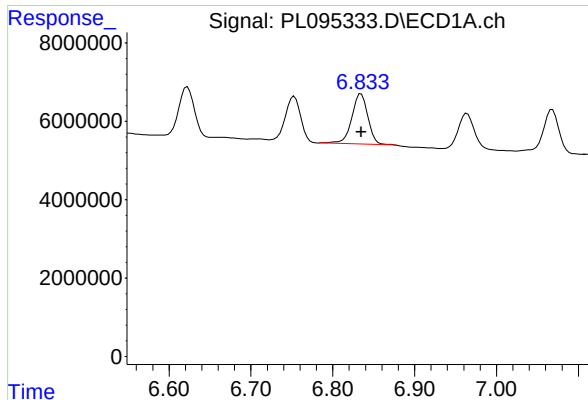
R.T.: 6.622 min  
Delta R.T.: 0.000 min  
Response: 16946885  
Conc: 5.32 ng/ml



#14 Endrin

R.T.: 5.806 min  
Delta R.T.: 0.000 min  
Response: 18649649  
Conc: 5.12 ng/ml





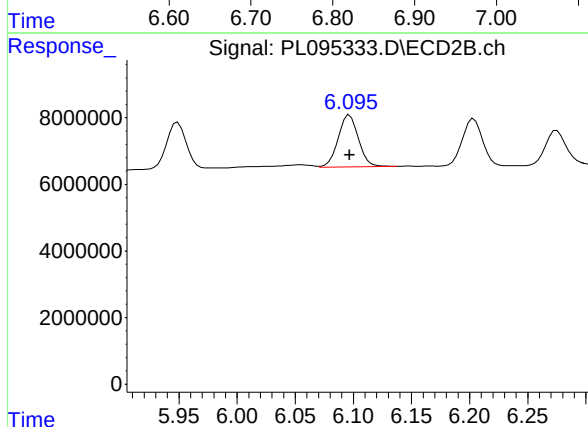
## #15 Endosulfan II

R.T.: 6.835 min  
Delta R.T.: 0.000 min  
Response: 17567027  
Conc: 5.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

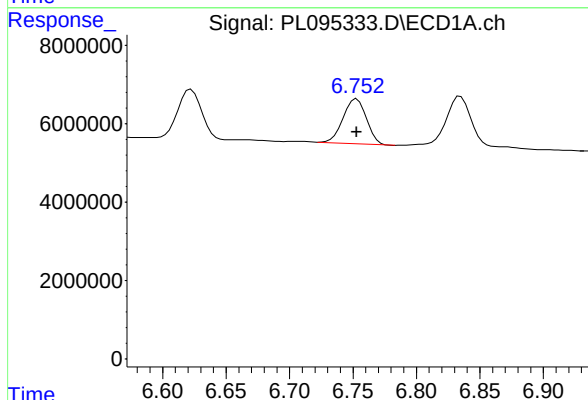
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



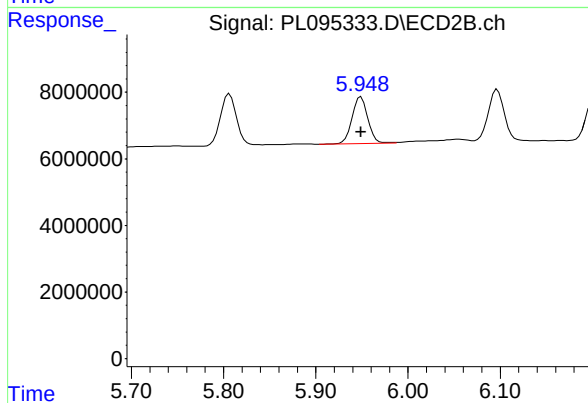
## #15 Endosulfan II

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 18938000  
Conc: 5.27 ng/ml



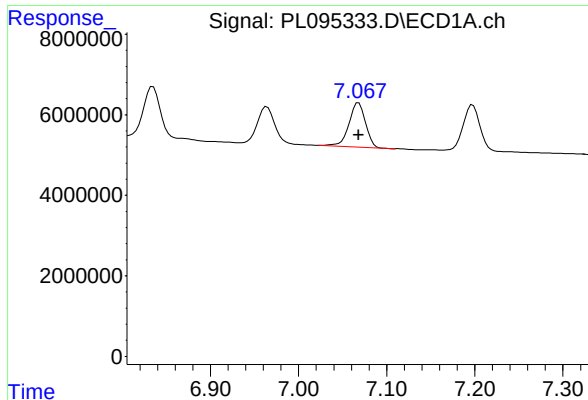
## #16 4,4'-DDD

R.T.: 6.753 min  
Delta R.T.: 0.000 min  
Response: 14708945  
Conc: 5.20 ng/ml



## #16 4,4'-DDD

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 16655803  
Conc: 5.10 ng/ml



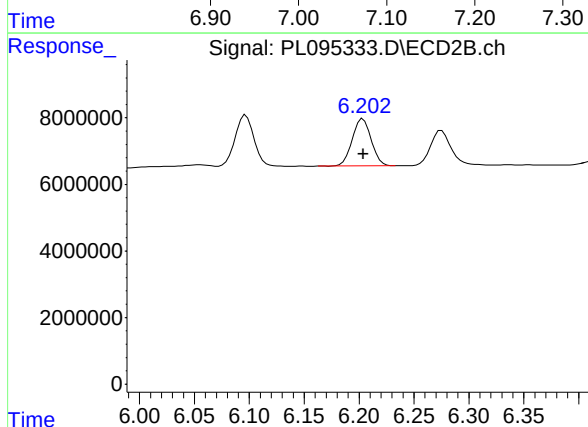
#17 4,4'-DDT

R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 14262305  
Conc: 5.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

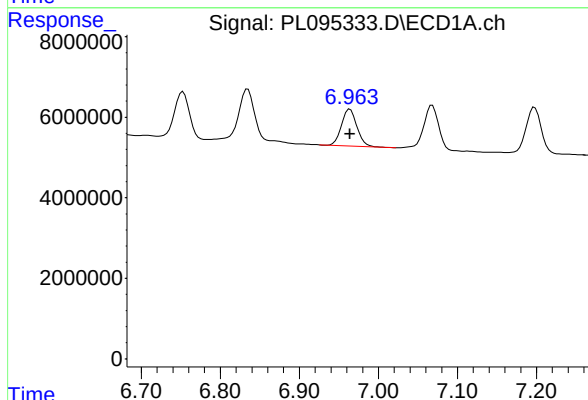
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



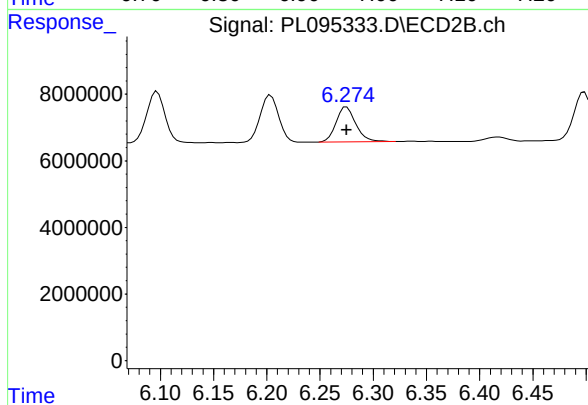
#17 4,4'-DDT

R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 17073765  
Conc: 4.97 ng/ml



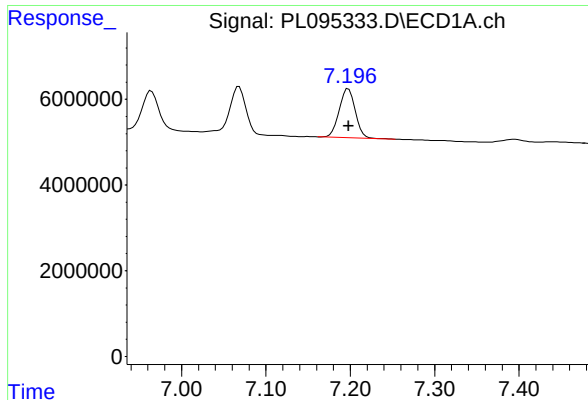
#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: 0.000 min  
Response: 12367450  
Conc: 5.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 13751187  
Conc: 5.26 ng/ml



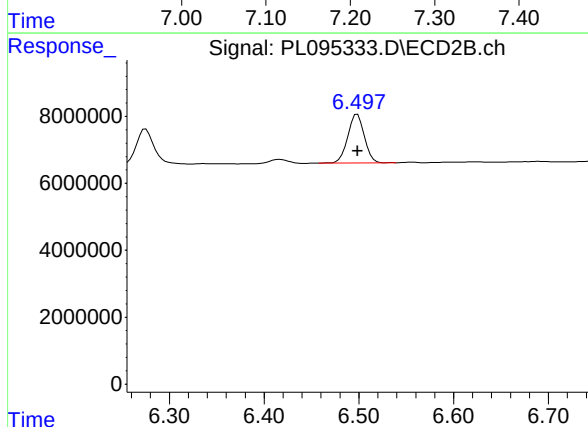
## #19 Endosulfan Sulfate

R.T.: 7.198 min  
Delta R.T.: 0.000 min  
Response: 15108097  
Conc: 5.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

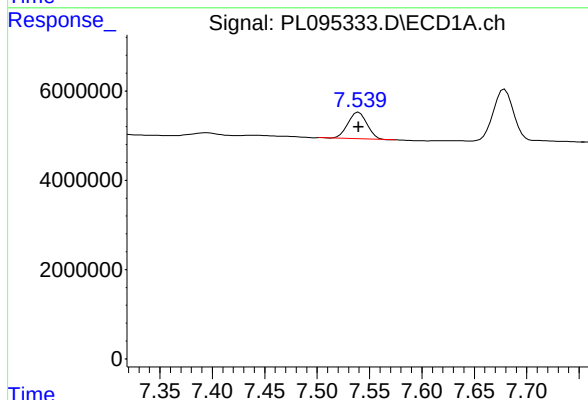
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



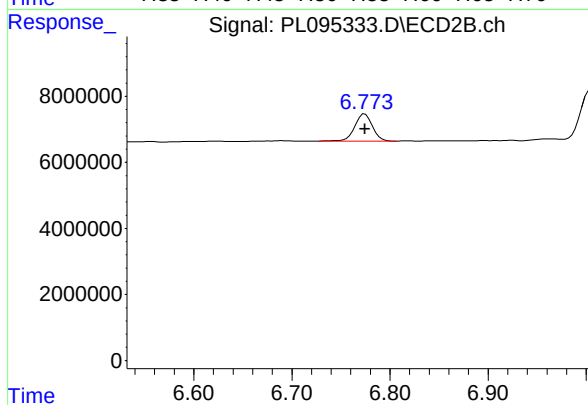
## #19 Endosulfan Sulfate

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 17635344  
Conc: 5.32 ng/ml



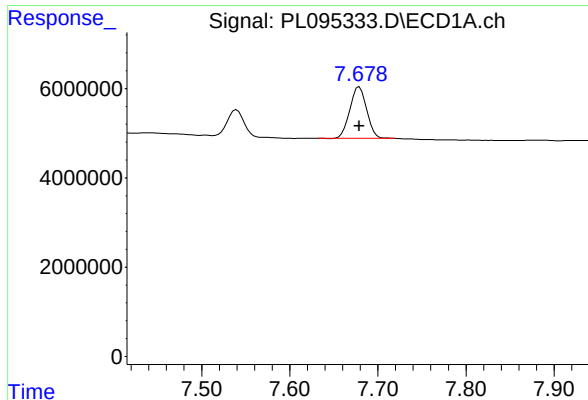
## #20 Methoxychlor

R.T.: 7.540 min  
Delta R.T.: 0.000 min  
Response: 7589024  
Conc: 5.44 ng/ml



## #20 Methoxychlor

R.T.: 6.774 min  
Delta R.T.: 0.000 min  
Response: 10262527  
Conc: 5.38 ng/ml



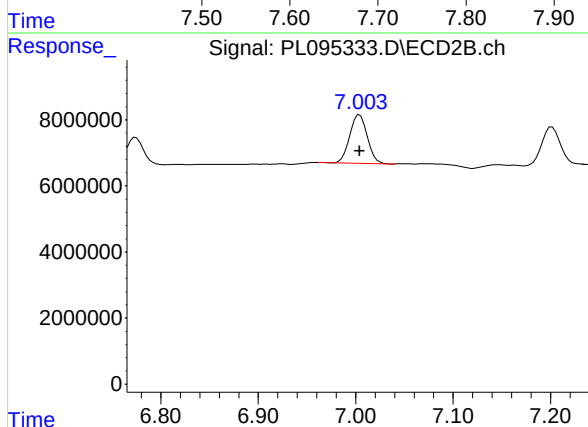
## #21 Endrin ketone

R.T.: 7.679 min  
Delta R.T.: 0.000 min  
Response: 15300793  
Conc: 5.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

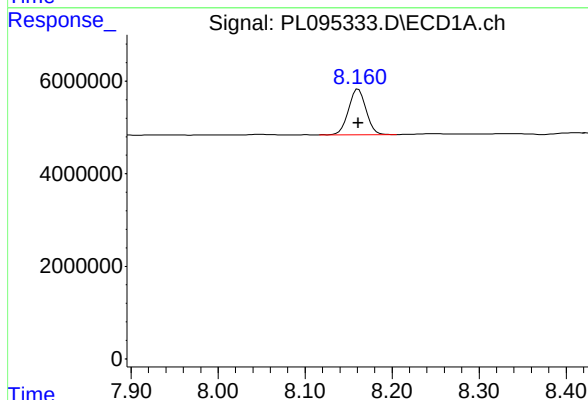
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



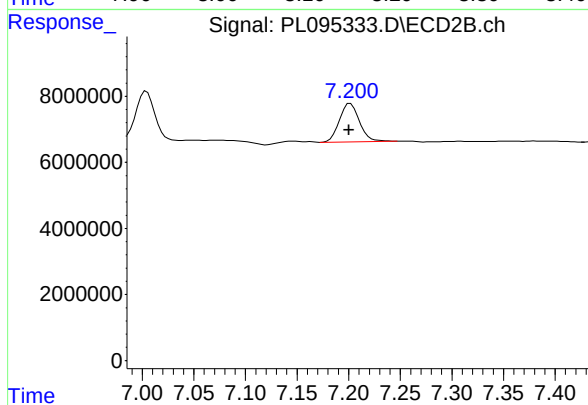
## #21 Endrin ketone

R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 18268527  
Conc: 5.19 ng/ml



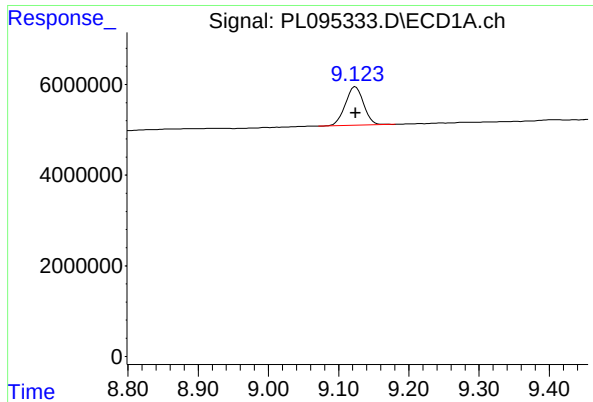
## #22 Mirex

R.T.: 8.161 min  
Delta R.T.: 0.000 min  
Response: 13844446  
Conc: 5.83 ng/ml



## #22 Mirex

R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 15752969  
Conc: 5.47 ng/ml m



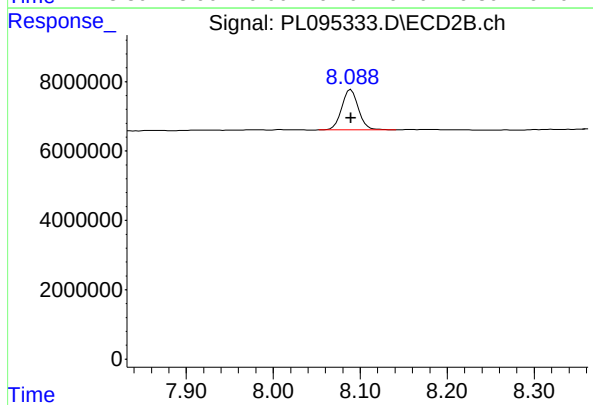
#28 Decachlorobiphenyl

R.T.: 9.124 min  
Delta R.T.: 0.000 min  
Response: 15494795  
Conc: 5.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.089 min  
Delta R.T.: 0.000 min  
Response: 15593893  
Conc: 5.27 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
 Data File : PL095336.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 13:07  
 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: Apr 23 13:18:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 13:16:48 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.595 | 2.906 | 161.9E6  | 195.6E6  | 50.000  | 50.000  |
| 28)                         | SA Decachlor... | 9.123 | 8.089 | 135.2E6  | 145.1E6  | 50.000  | 50.000  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 23)                         | Chlordane-1     | 4.762 | 3.926 | 98361472 | 76159147 | 500.000 | 500.000 |
| 24)                         | Chlordane-2     | 5.288 | 4.508 | 106.9E6  | 90786464 | 500.000 | 500.000 |
| 25)                         | Chlordane-3     | 5.994 | 5.146 | 390.5E6  | 258.0E6  | 500.000 | 500.000 |
| 26)                         | Chlordane-4     | 6.079 | 5.210 | 472.5E6  | 216.5E6  | 500.000 | 500.000 |
| 27)                         | Chlordane-5     | 6.919 | 6.106 | 74901227 | 91342128 | 500.000 | 500.000 |
| -----                       |                 |       |       |          |          |         |         |

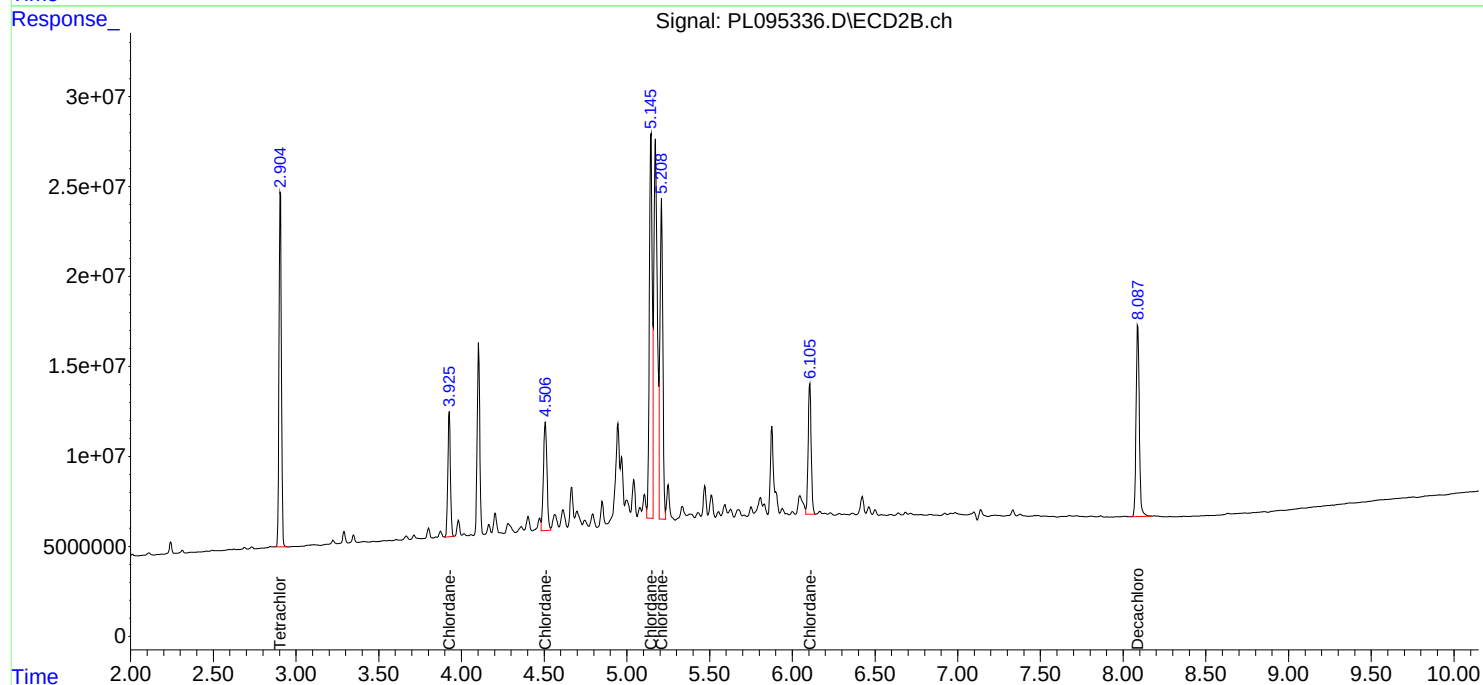
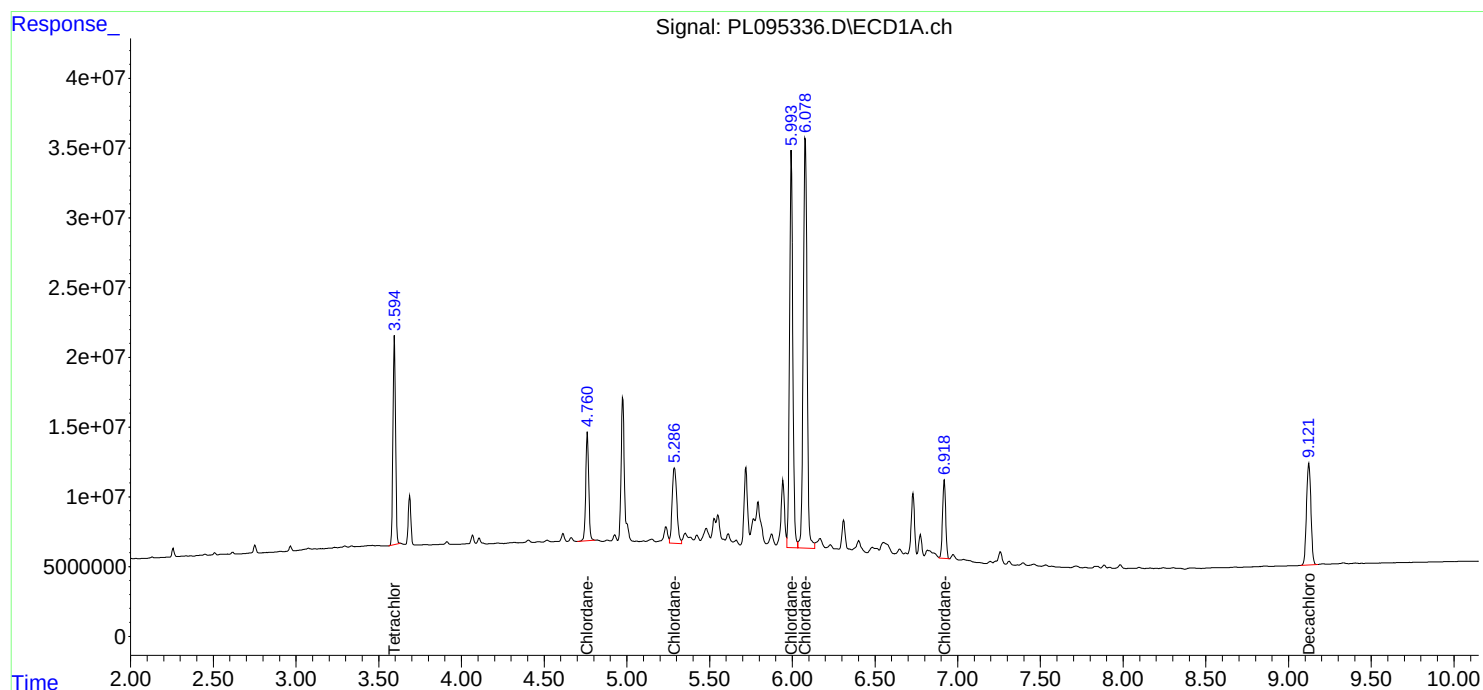
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

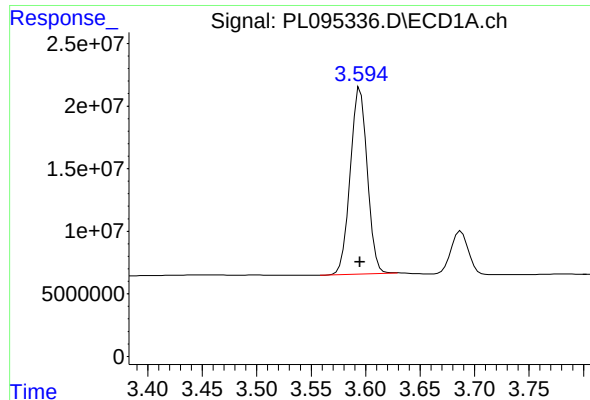
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095336.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 13:07  
Operator : AR\AJ  
Sample : PCHLORICC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 13:18:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 13:16:48 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

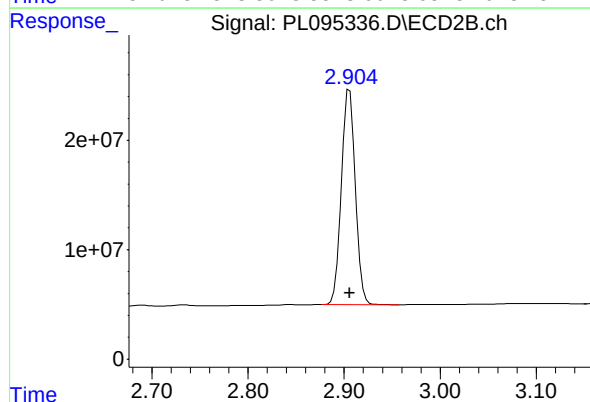




#1 Tetrachloro-m-xylene

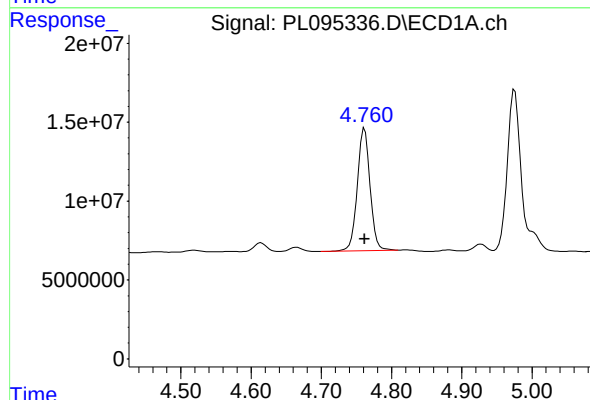
R.T.: 3.595 min  
Delta R.T.: 0.000 min  
Response: 161889270  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



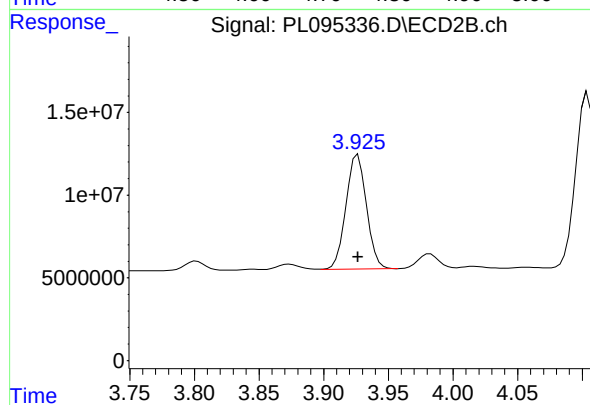
#1 Tetrachloro-m-xylene

R.T.: 2.906 min  
Delta R.T.: 0.000 min  
Response: 195640523  
Conc: 50.00 ng/ml



#23 Chlordane-1

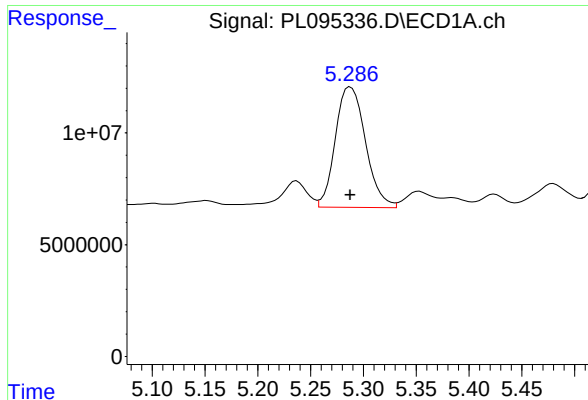
R.T.: 4.762 min  
Delta R.T.: 0.000 min  
Response: 98361472  
Conc: 500.00 ng/ml



#23 Chlordane-1

R.T.: 3.926 min  
Delta R.T.: 0.000 min  
Response: 76159147  
Conc: 500.00 ng/ml

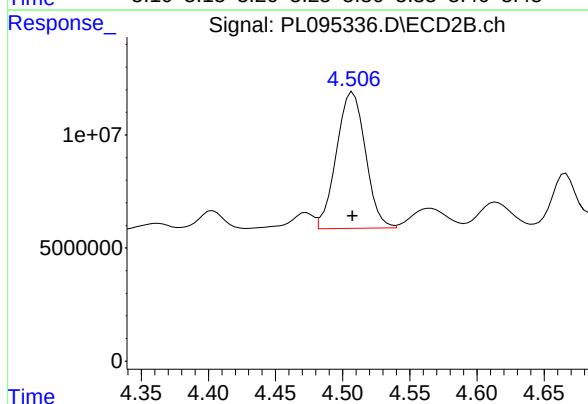




#24 Chlordane-2

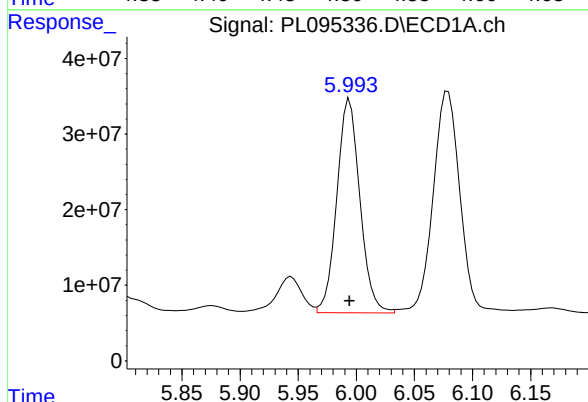
R.T.: 5.288 min  
Delta R.T.: 0.000 min  
Response: 106912869  
Conc: 500.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



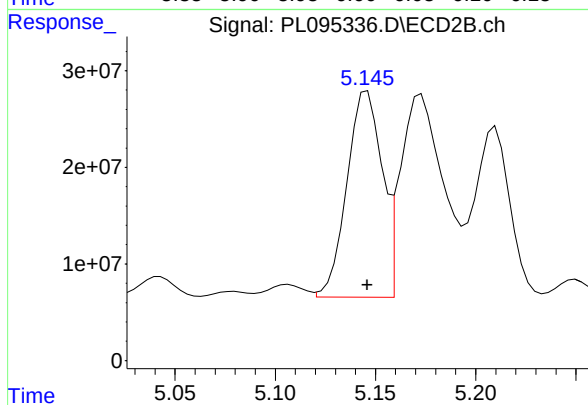
#24 Chlordane-2

R.T.: 4.508 min  
Delta R.T.: 0.000 min  
Response: 90786464  
Conc: 500.00 ng/ml



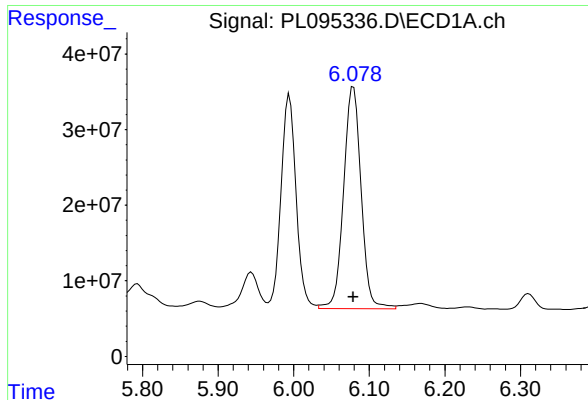
#25 Chlordane-3

R.T.: 5.994 min  
Delta R.T.: 0.000 min  
Response: 390489339  
Conc: 500.00 ng/ml



#25 Chlordane-3

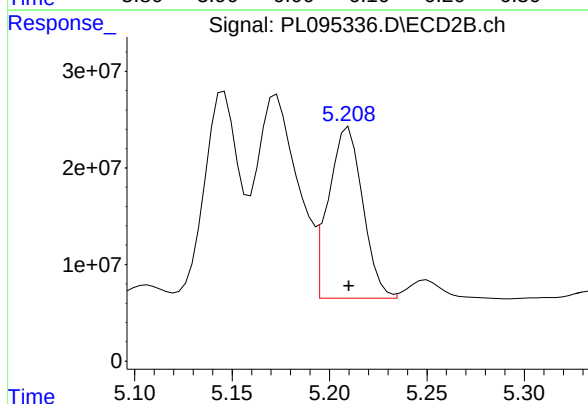
R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 258034387  
Conc: 500.00 ng/ml



#26 Chlordane-4

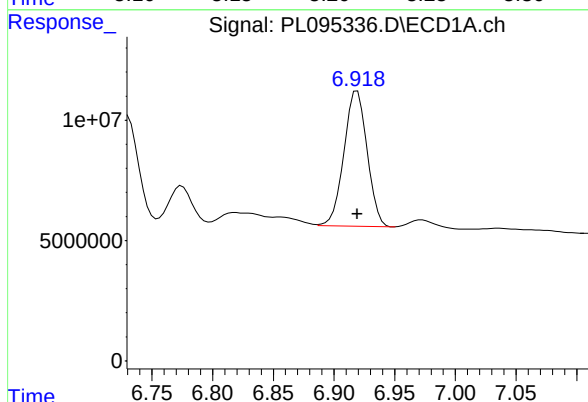
R.T.: 6.079 min  
Delta R.T.: 0.000 min  
Response: 472546188  
Conc: 500.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



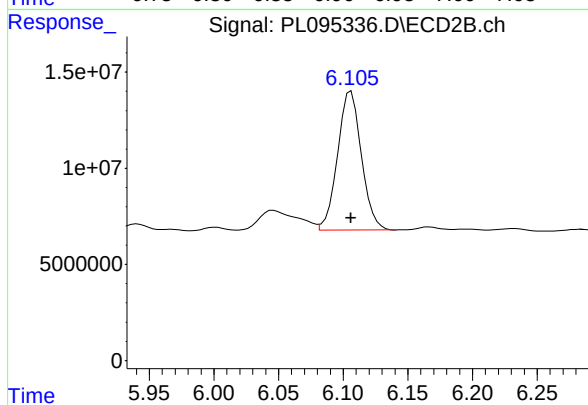
#26 Chlordane-4

R.T.: 5.210 min  
Delta R.T.: 0.000 min  
Response: 216529044  
Conc: 500.00 ng/ml



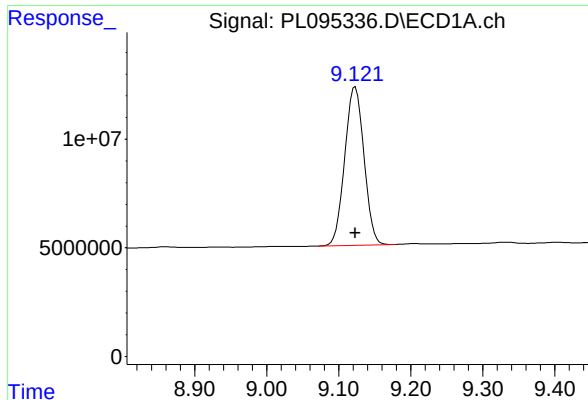
#27 Chlordane-5

R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 74901227  
Conc: 500.00 ng/ml



#27 Chlordane-5

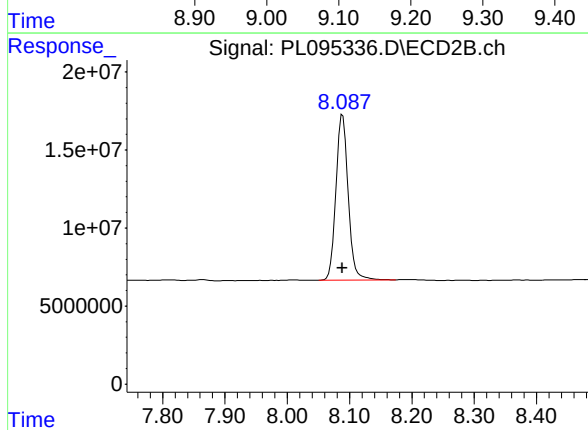
R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 91342128  
Conc: 500.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min  
Delta R.T.: 0.000 min  
Response: 135170504  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



#28 Decachlorobiphenyl

R.T.: 8.089 min  
Delta R.T.: 0.000 min  
Response: 145132044  
Conc: 50.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
 Data File : PL095341.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 14:32  
 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: Apr 23 14:41:50 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\LTX042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 14:41:36 2025  
 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...          | 3.594 | 2.905 | 170.6E6  | 165.2E6  | 50.000  | 50.000  |
| 7) SA Decachlor...          | 9.120 | 8.087 | 144.3E6  | 152.4E6  | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 2) Toxaphene-1              | 6.288 | 5.165 | 14117602 | 12301124 | 500.000 | 500.000 |
| 3) Toxaphene-2              | 6.488 | 5.493 | 19710754 | 11783269 | 500.000 | 500.000 |
| 4) Toxaphene-3              | 7.102 | 5.853 | 48154475 | 12799809 | 500.000 | 500.000 |
| 5) Toxaphene-4              | 7.194 | 6.770 | 35158460 | 38422565 | 500.000 | 500.000 |
| 6) Toxaphene-5              | 7.974 | 7.211 | 24549107 | 27736717 | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

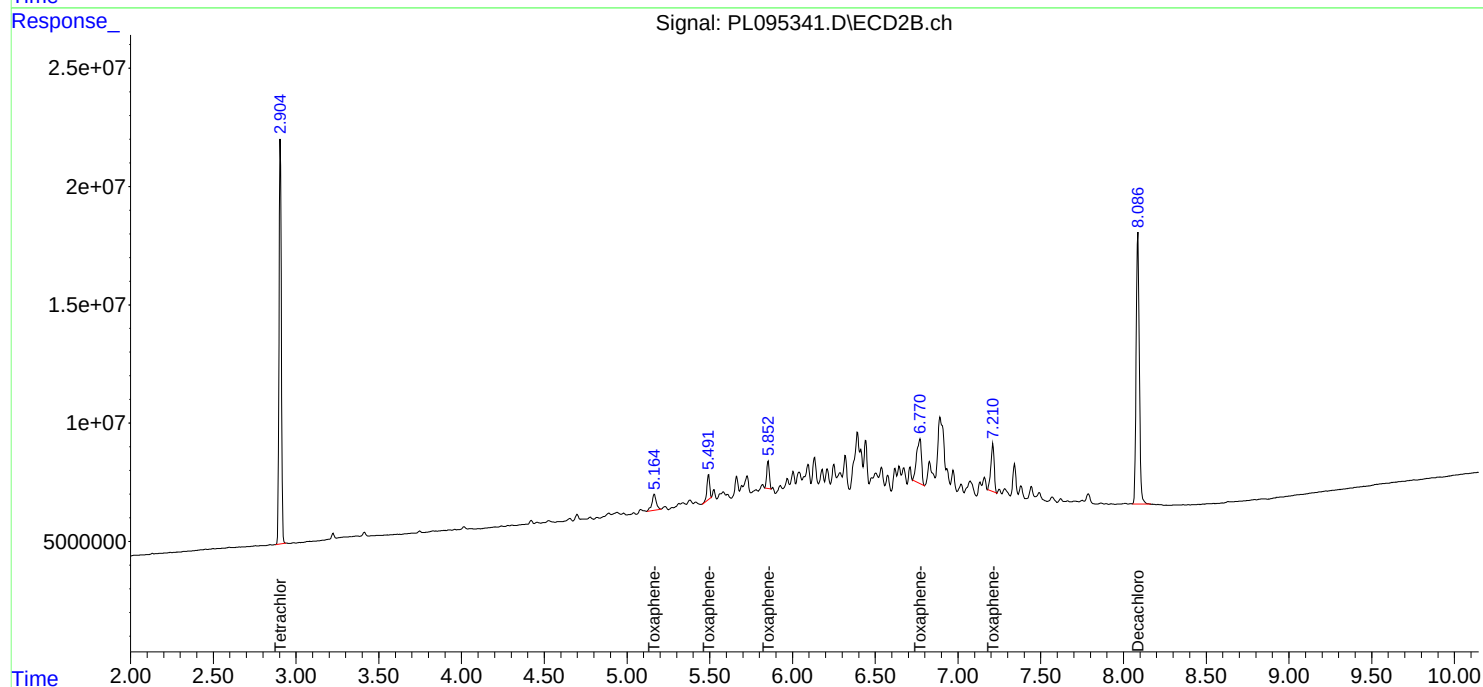
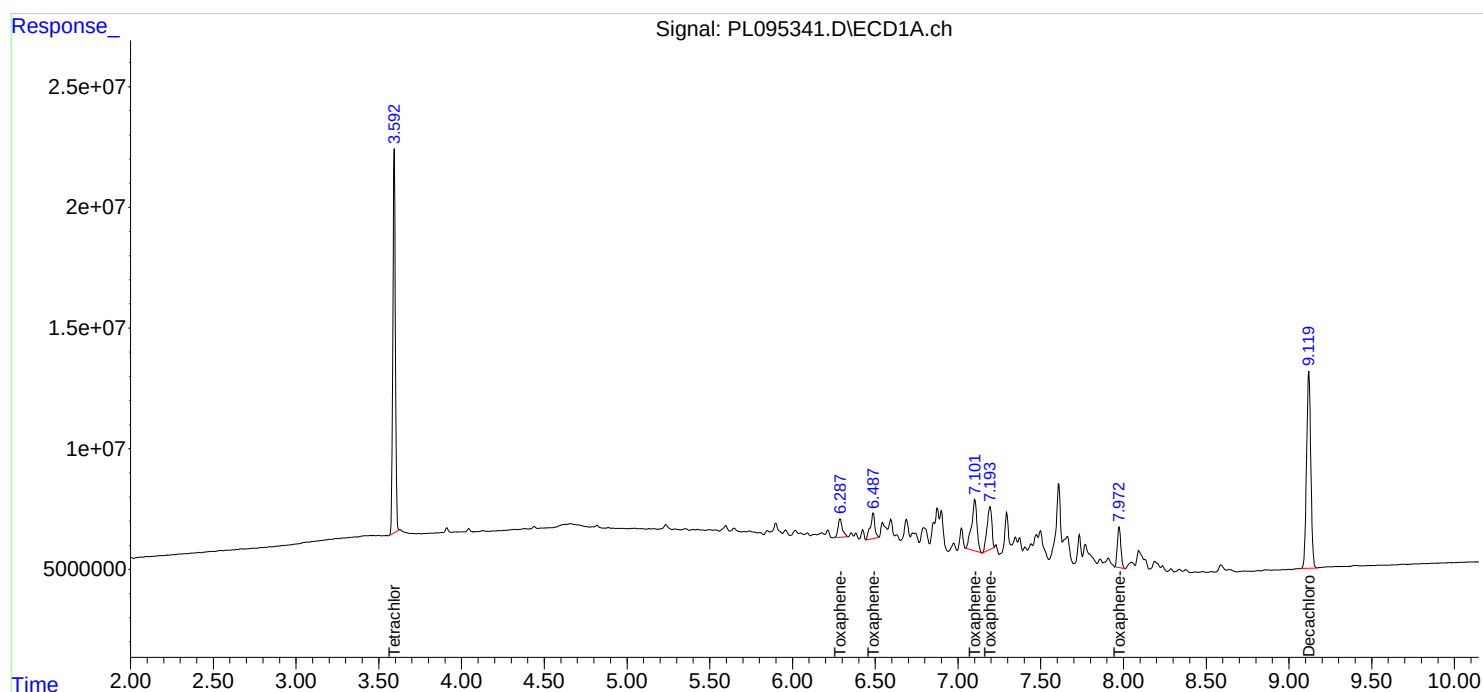
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

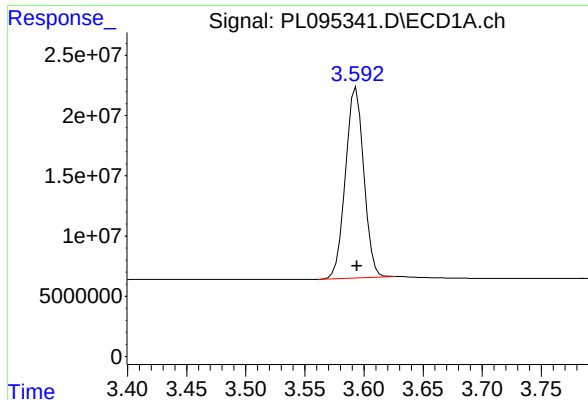
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095341.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 14:32  
Operator : AR\AJ  
Sample : PTOXICC500  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PTOXICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 14:41:50 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\LTX042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 14:41:36 2025  
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

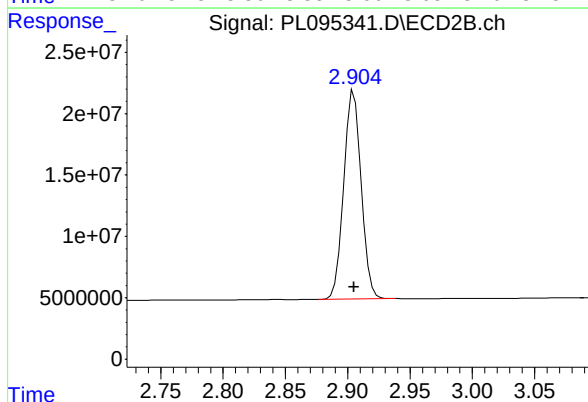




## #1 Tetrachloro-m-xylene

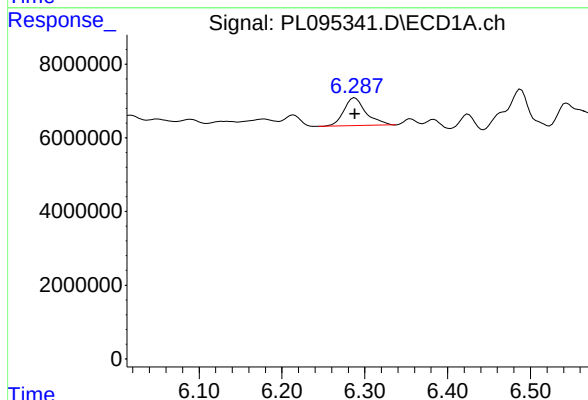
R.T.: 3.594 min  
Delta R.T.: 0.000 min  
Response: 170571762  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PTOXICC500



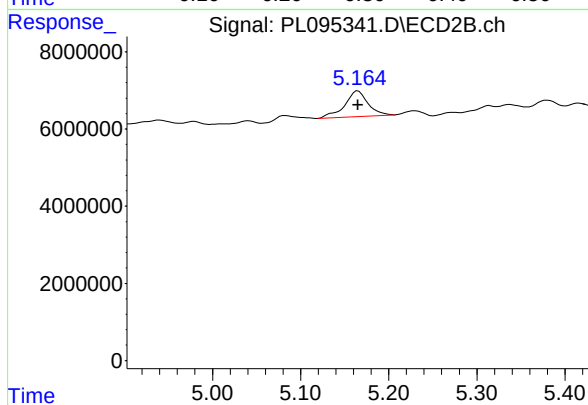
## #1 Tetrachloro-m-xylene

R.T.: 2.905 min  
Delta R.T.: 0.000 min  
Response: 165170069  
Conc: 50.00 ng/ml



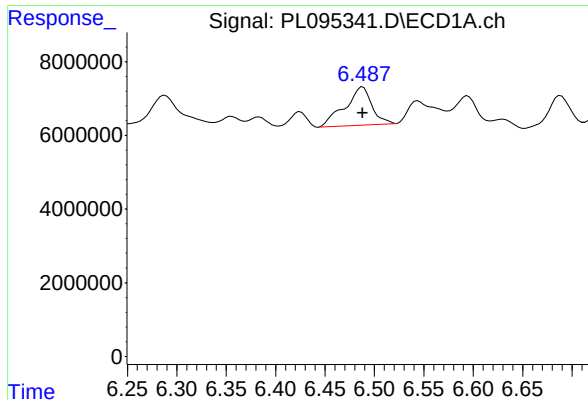
## #2 Toxaphene-1

R.T.: 6.288 min  
Delta R.T.: 0.000 min  
Response: 14117602  
Conc: 500.00 ng/ml



## #2 Toxaphene-1

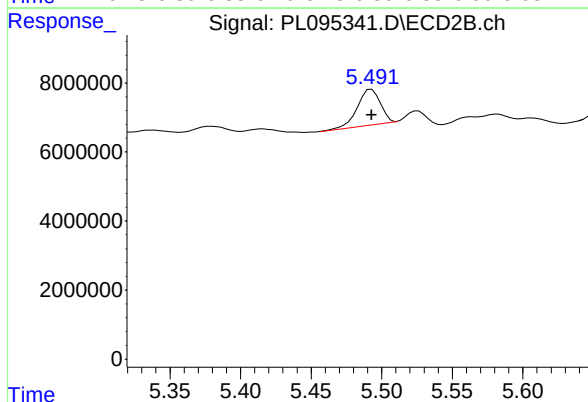
R.T.: 5.165 min  
Delta R.T.: 0.000 min  
Response: 12301124  
Conc: 500.00 ng/ml



## #3 Toxaphene-2

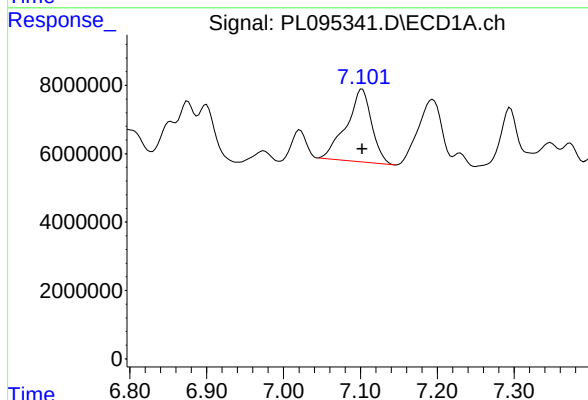
R.T.: 6.488 min  
Delta R.T.: 0.000 min  
Response: 19710754  
Conc: 500.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PTOXICC500



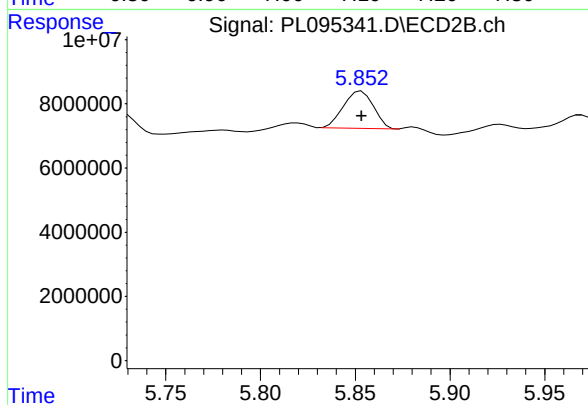
## #3 Toxaphene-2

R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 11783269  
Conc: 500.00 ng/ml



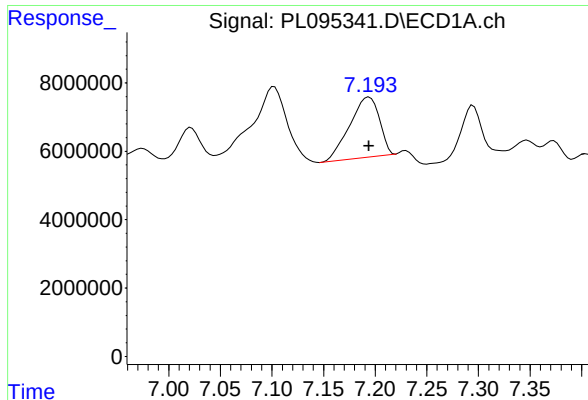
## #4 Toxaphene-3

R.T.: 7.102 min  
Delta R.T.: 0.000 min  
Response: 48154475  
Conc: 500.00 ng/ml



## #4 Toxaphene-3

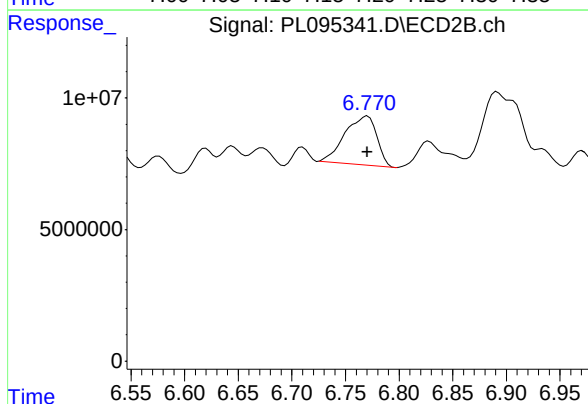
R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 12799809  
Conc: 500.00 ng/ml



#5 Toxaphene-4

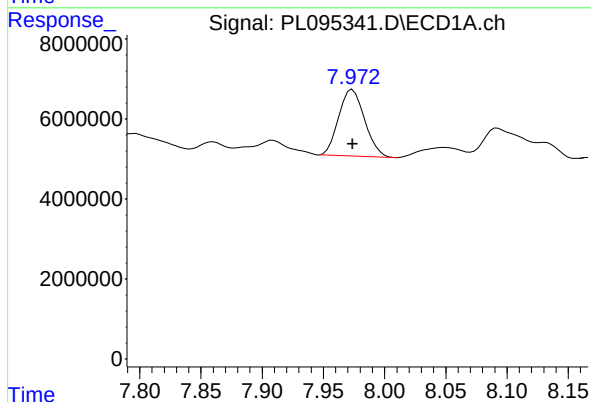
R.T.: 7.194 min  
Delta R.T.: 0.000 min  
Response: 35158460  
Conc: 500.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PTOXICC500



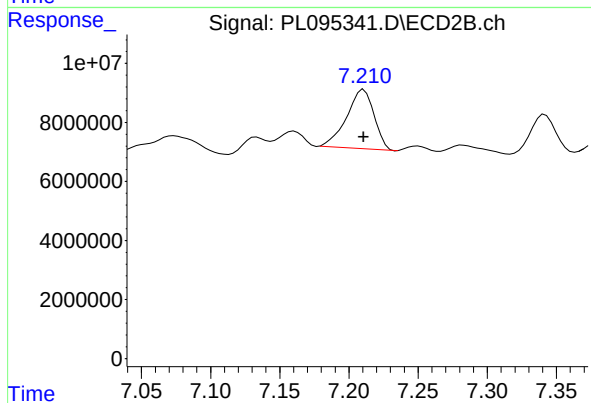
#5 Toxaphene-4

R.T.: 6.770 min  
Delta R.T.: 0.000 min  
Response: 38422565  
Conc: 500.00 ng/ml



#6 Toxaphene-5

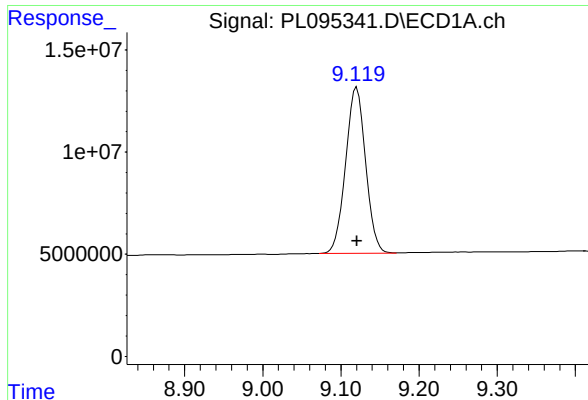
R.T.: 7.974 min  
Delta R.T.: 0.000 min  
Response: 24549107  
Conc: 500.00 ng/ml



#6 Toxaphene-5

R.T.: 7.211 min  
Delta R.T.: 0.000 min  
Response: 27736717  
Conc: 500.00 ng/ml





#7 Decachlorobiphenyl

R.T.: 9.120 min

Delta R.T.: 0.000 min

Response: 144271987

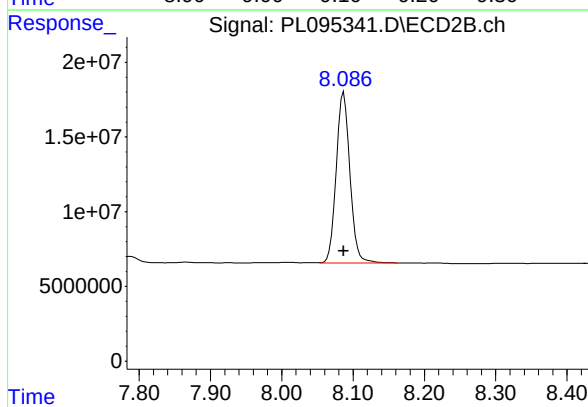
Conc: 50.00 ng/ml

Instrument :

ECD\_L

ClientSampleId :

PTOXICC500



#7 Decachlorobiphenyl

R.T.: 8.087 min

Delta R.T.: 0.000 min

Response: 152410533

Conc: 50.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
 Data File : PL095344.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 15:13  
 Operator : AR\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

## Instrument :

ECD\_L

ClientSampleId :

ICVPL042325

## Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 15:28:48 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 14:07:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.594 | 2.905 | 154.4E6  | 154.0E6  | 47.297  | 48.427  |
| 2) SA Decachlor...          | 9.120 | 8.087 | 130.3E6  | 142.7E6  | 47.035  | 48.231  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 4.045 | 3.415 | 235.8E6  | 218.0E6  | 47.593  | 49.009  |
| 3) MA gamma-BHC...          | 4.375 | 3.748 | 227.3E6  | 214.4E6  | 48.011m | 48.752  |
| 4) MA Heptachlor            | 4.974 | 4.103 | 213.7E6  | 210.0E6  | 46.727  | 48.192  |
| 5) MB Aldrin                | 5.316 | 4.388 | 220.0E6  | 199.9E6  | 47.889  | 48.581  |
| 6) B beta-BHC               | 4.562 | 4.042 | 94308785 | 98829555 | 45.614  | 47.609  |
| 7) B delta-BHC              | 4.809 | 4.278 | 220.8E6  | 214.8E6  | 47.481m | 49.029  |
| 8) B Heptachlo...           | 5.737 | 4.891 | 190.5E6  | 186.4E6  | 47.572  | 48.260  |
| 9) A Endosulfan I           | 6.120 | 5.264 | 183.5E6  | 176.9E6  | 48.325  | 48.341  |
| 10) B gamma-Chl...          | 5.991 | 5.144 | 194.9E6  | 193.2E6  | 47.767  | 47.668  |
| 11) B alpha-Chl...          | 6.072 | 5.208 | 197.5E6  | 190.6E6  | 48.568  | 47.882  |
| 12) B 4,4'-DDE              | 6.241 | 5.394 | 188.3E6  | 193.3E6  | 48.037  | 47.532  |
| 13) MA Dieldrin             | 6.394 | 5.529 | 186.0E6  | 193.7E6  | 48.243  | 47.616  |
| 14) MA Endrin               | 6.621 | 5.804 | 154.5E6  | 169.0E6  | 48.521  | 46.407  |
| 15) B Endosulfa...          | 6.833 | 6.094 | 157.6E6  | 173.0E6  | 49.361  | 48.167  |
| 16) A 4,4'-DDD              | 6.751 | 5.947 | 140.1E6  | 158.3E6  | 49.490  | 48.446  |
| 17) MA 4,4'-DDT             | 7.066 | 6.201 | 136.1E6  | 160.2E6  | 47.766  | 46.611  |
| 18) B Endrin al...          | 6.962 | 6.272 | 111.9E6  | 125.2E6  | 48.203  | 47.895  |
| 19) B Endosulfa...          | 7.195 | 6.496 | 134.2E6  | 159.2E6  | 47.903  | 47.991  |
| 20) A Methoxychlor          | 7.538 | 6.772 | 65789961 | 87833349 | 47.157  | 46.048  |
| 21) B Endrin ke...          | 7.677 | 7.002 | 138.2E6  | 175.4E6  | 48.469  | 49.801  |
| 22) Mirex                   | 8.158 | 7.197 | 113.5E6  | 137.9E6  | 47.769  | 47.828m |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095344.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 15:13  
Operator : AR\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

ICVPL042325

## Manual Integrations

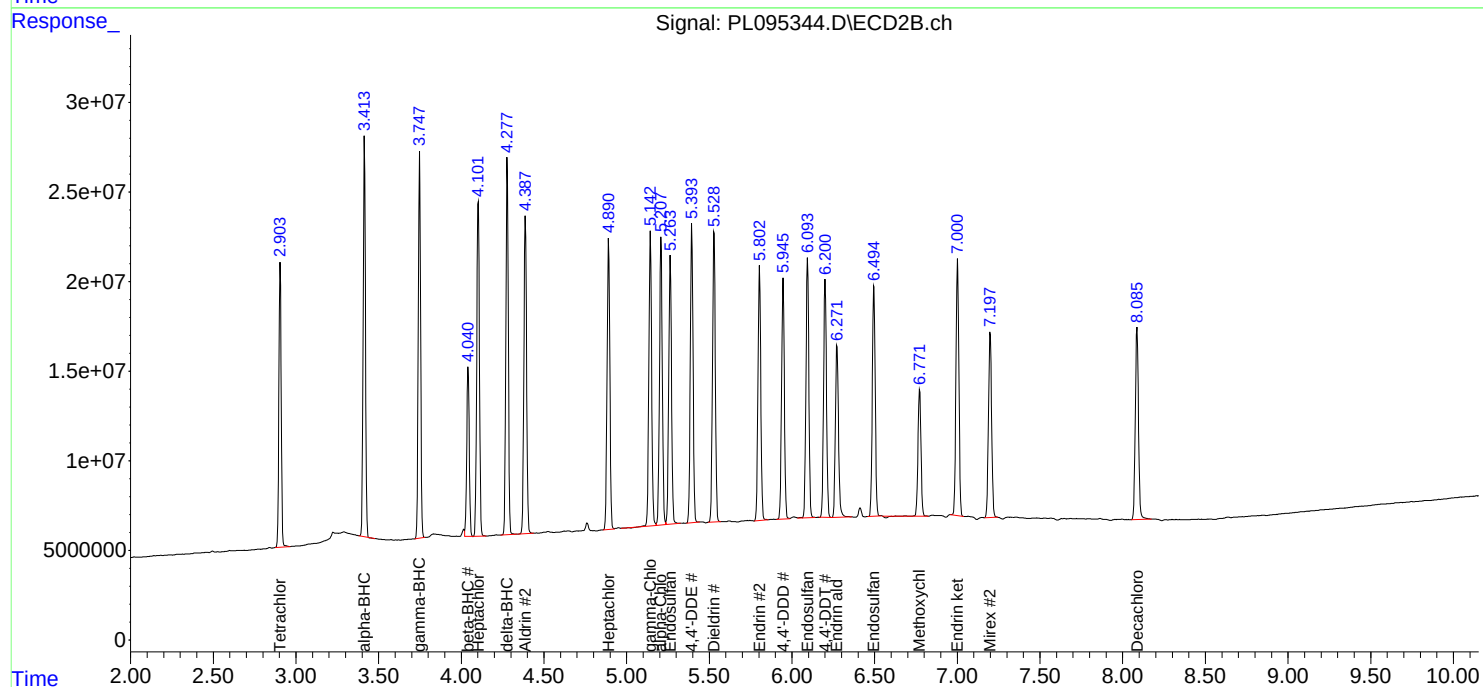
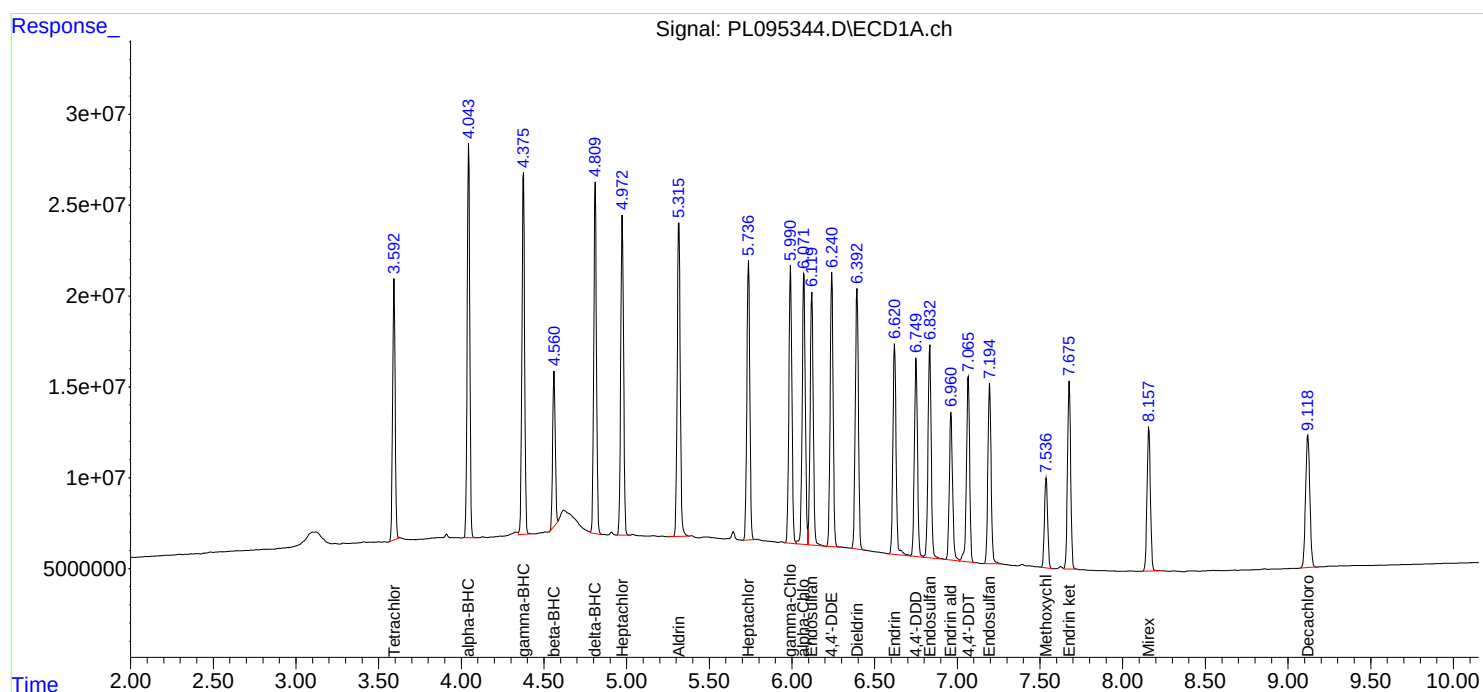
## APPROVED

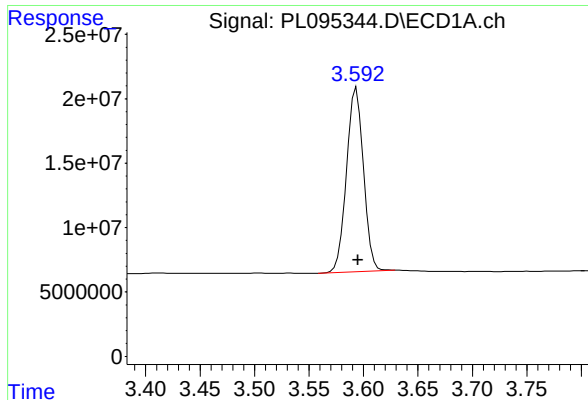
Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 15:28:48 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 14:07:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





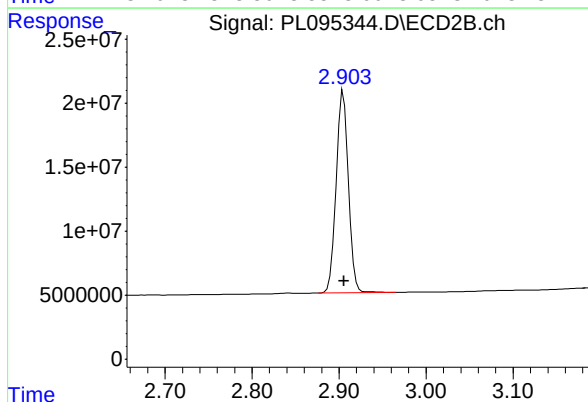
## #1 Tetrachloro-m-xylene

R.T.: 3.594 min  
Delta R.T.: -0.001 min  
Response: 154410740  
Conc: 47.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325

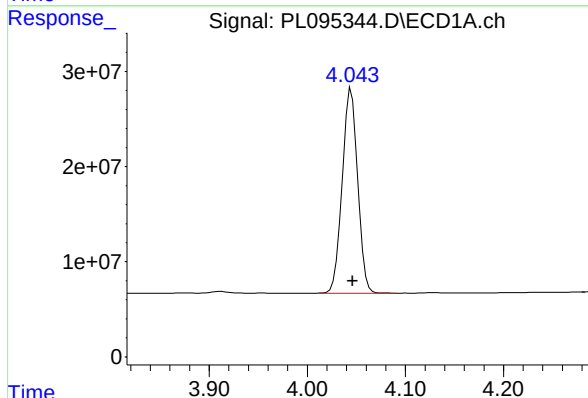
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



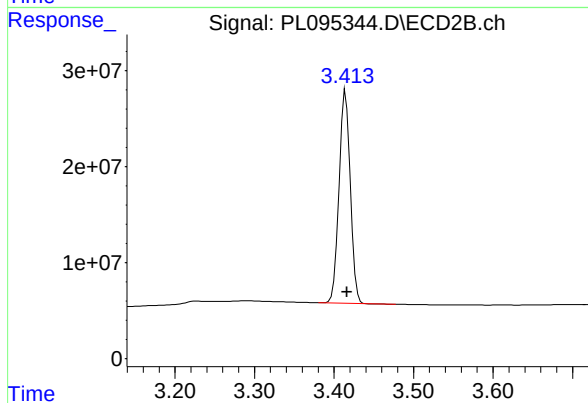
## #1 Tetrachloro-m-xylene

R.T.: 2.905 min  
Delta R.T.: 0.000 min  
Response: 153984476  
Conc: 48.43 ng/ml



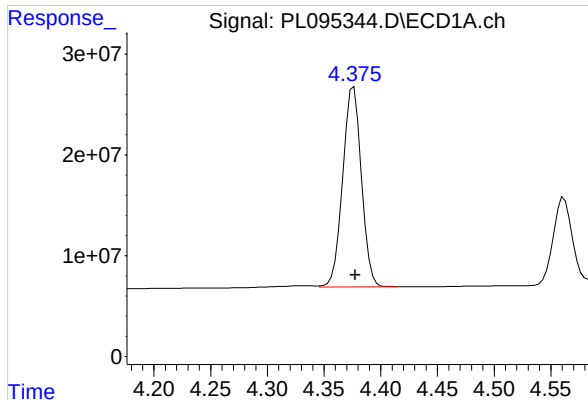
## #2 alpha-BHC

R.T.: 4.045 min  
Delta R.T.: -0.001 min  
Response: 235765041  
Conc: 47.59 ng/ml



## #2 alpha-BHC

R.T.: 3.415 min  
Delta R.T.: -0.002 min  
Response: 218028468  
Conc: 49.01 ng/ml



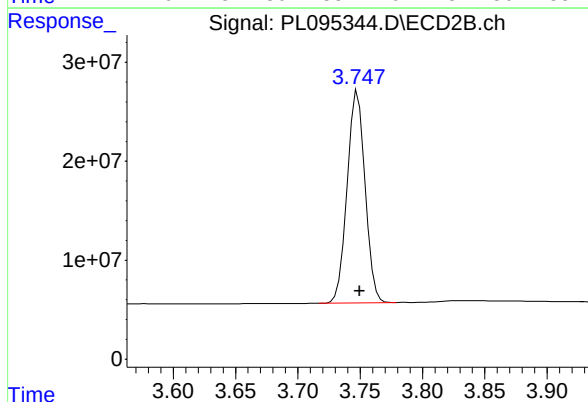
## #3 gamma-BHC (Lindane)

R.T.: 4.375 min  
Delta R.T.: -0.003 min  
Response: 227284929  
Conc: 48.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325

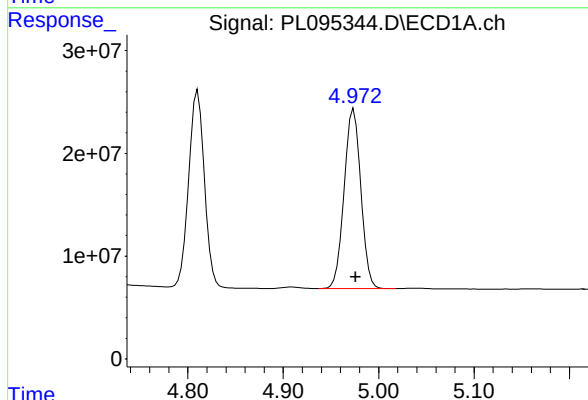
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



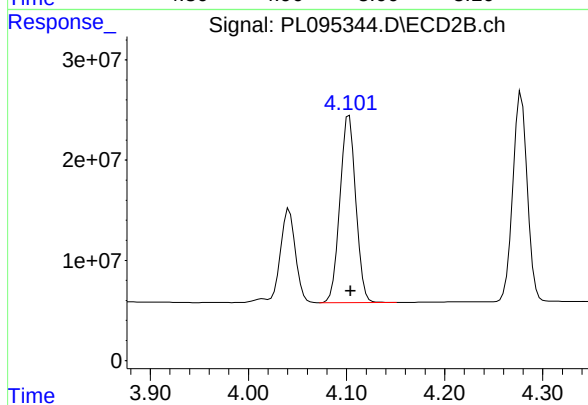
## #3 gamma-BHC (Lindane)

R.T.: 3.748 min  
Delta R.T.: -0.002 min  
Response: 214423481  
Conc: 48.75 ng/ml



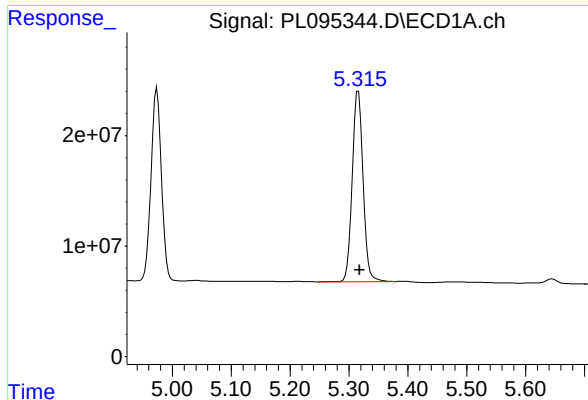
## #4 Heptachlor

R.T.: 4.974 min  
Delta R.T.: -0.002 min  
Response: 213749633  
Conc: 46.73 ng/ml



## #4 Heptachlor

R.T.: 4.103 min  
Delta R.T.: -0.002 min  
Response: 209958357  
Conc: 48.19 ng/ml



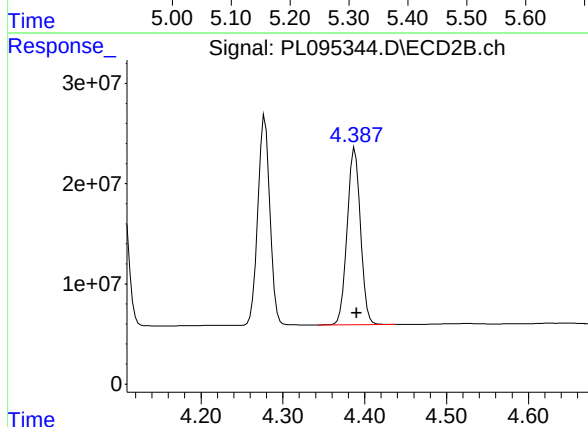
#5 Aldrin

R.T.: 5.316 min  
Delta R.T.: -0.002 min  
Response: 219953420  
Conc: 47.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325

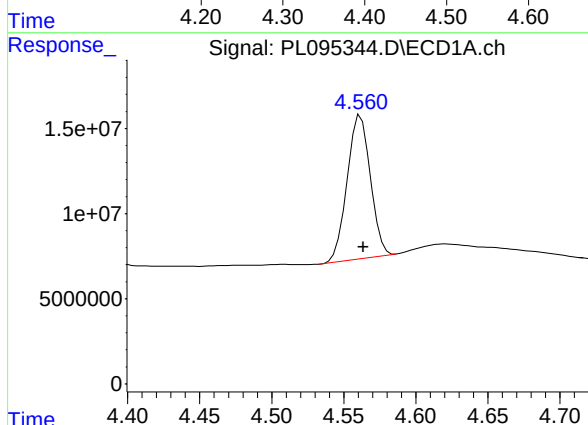
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



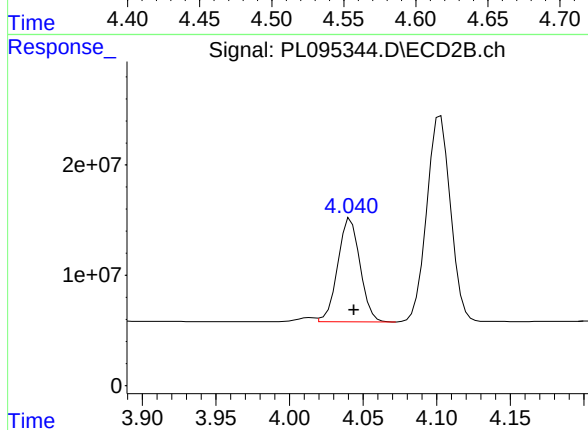
#5 Aldrin

R.T.: 4.388 min  
Delta R.T.: -0.002 min  
Response: 199944618  
Conc: 48.58 ng/ml



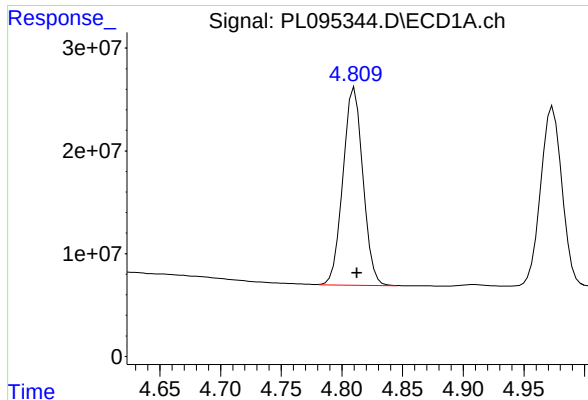
#6 beta-BHC

R.T.: 4.562 min  
Delta R.T.: -0.002 min  
Response: 94308785  
Conc: 45.61 ng/ml



#6 beta-BHC

R.T.: 4.042 min  
Delta R.T.: -0.002 min  
Response: 98829555  
Conc: 47.61 ng/ml



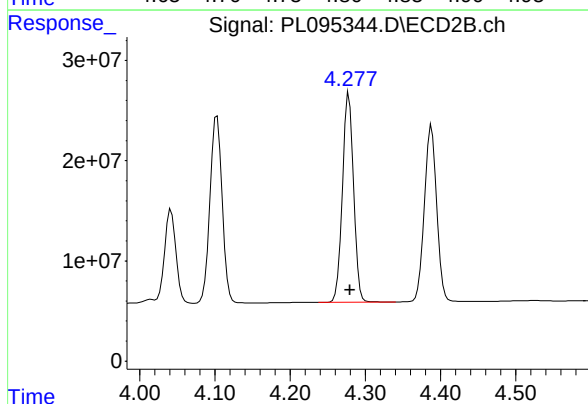
#7 delta-BHC

R.T.: 4.809 min  
Delta R.T.: -0.003 min  
Response: 220818379  
Conc: 47.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325

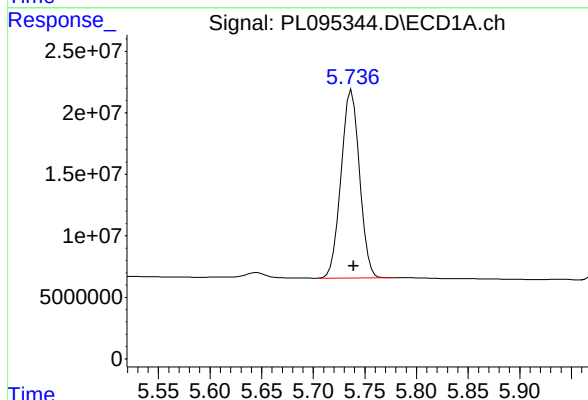
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



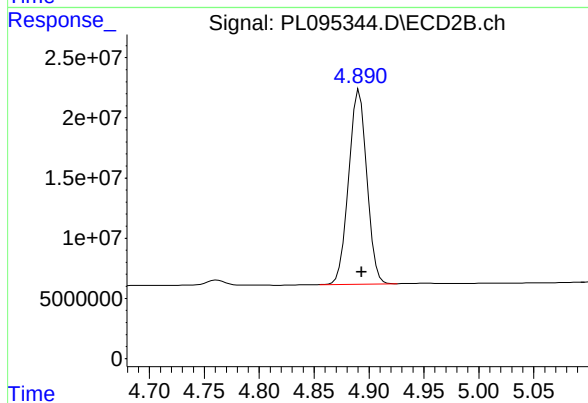
#7 delta-BHC

R.T.: 4.278 min  
Delta R.T.: -0.002 min  
Response: 214844463  
Conc: 49.03 ng/ml



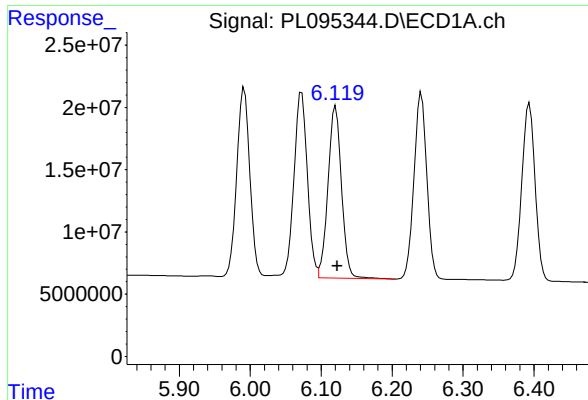
#8 Heptachlor epoxide

R.T.: 5.737 min  
Delta R.T.: -0.002 min  
Response: 190534412  
Conc: 47.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.891 min  
Delta R.T.: -0.002 min  
Response: 186412845  
Conc: 48.26 ng/ml



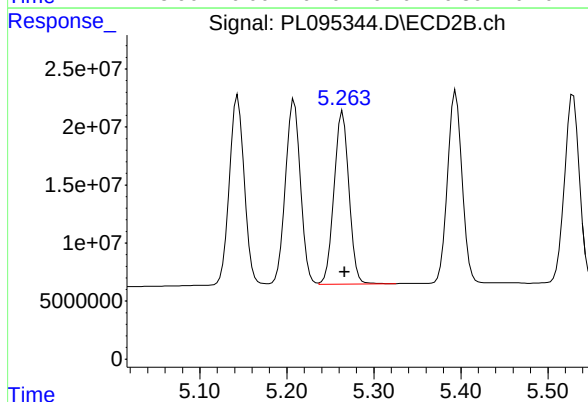
## #9 Endosulfan I

R.T.: 6.120 min  
Delta R.T.: -0.002 min  
Response: 183513483  
Conc: 48.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325

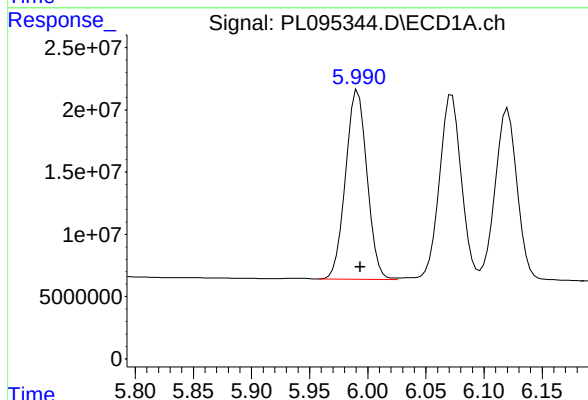
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



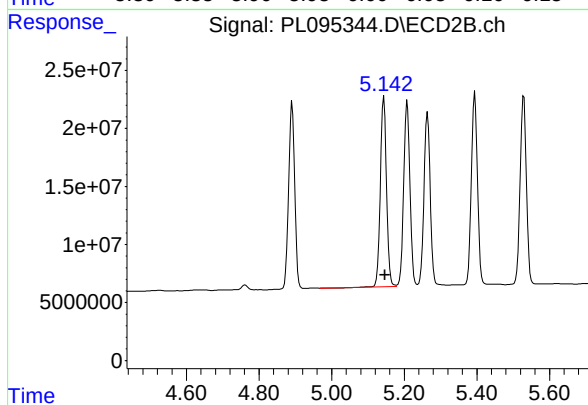
## #9 Endosulfan I

R.T.: 5.264 min  
Delta R.T.: -0.002 min  
Response: 176948243  
Conc: 48.34 ng/ml



## #10 gamma-Chlordane

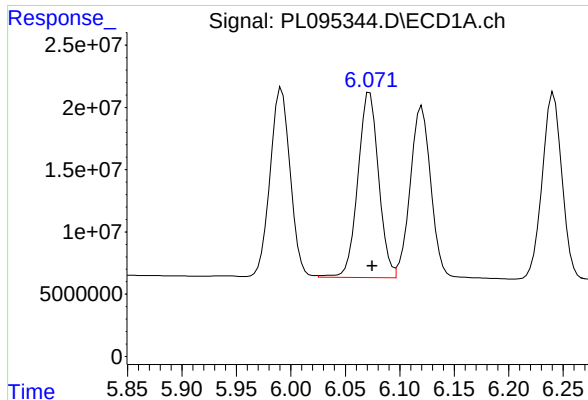
R.T.: 5.991 min  
Delta R.T.: -0.002 min  
Response: 194858822  
Conc: 47.77 ng/ml



## #10 gamma-Chlordane

R.T.: 5.144 min  
Delta R.T.: -0.003 min  
Response: 193183867  
Conc: 47.67 ng/ml





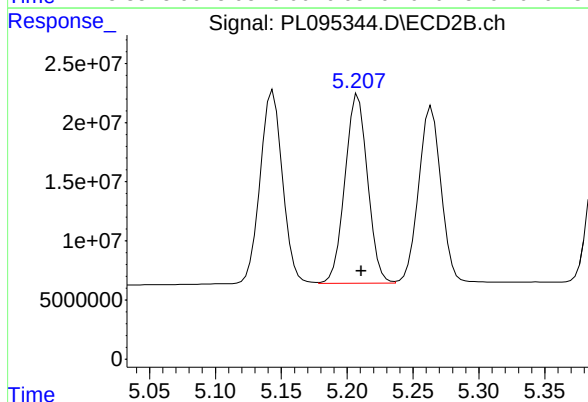
## #11 alpha-Chlordane

R.T.: 6.072 min  
Delta R.T.: -0.002 min  
Response: 197480130  
Conc: 48.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325

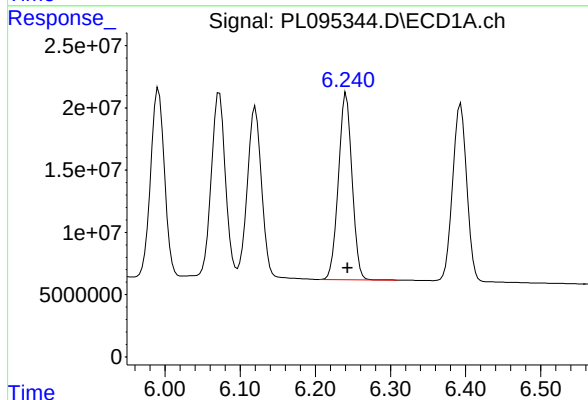
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



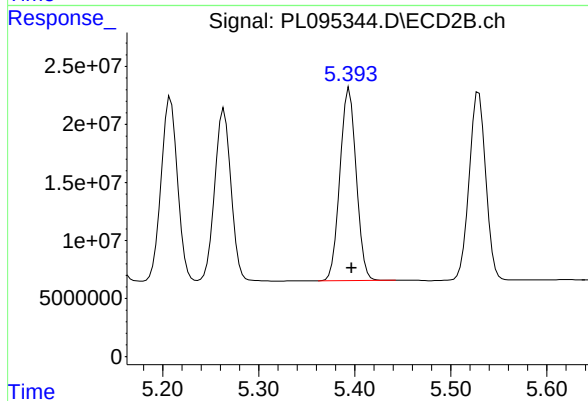
## #11 alpha-Chlordane

R.T.: 5.208 min  
Delta R.T.: -0.002 min  
Response: 190622092  
Conc: 47.88 ng/ml



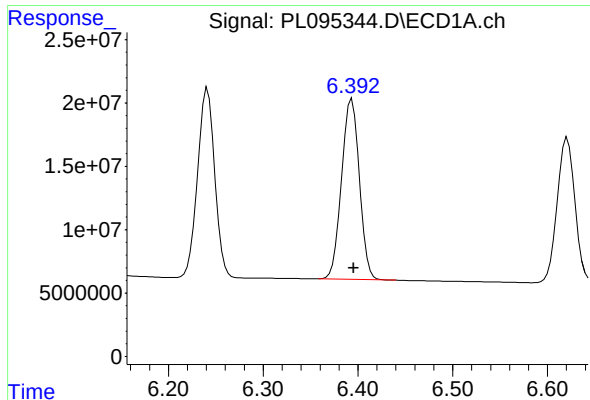
## #12 4,4'-DDE

R.T.: 6.241 min  
Delta R.T.: -0.002 min  
Response: 188330868  
Conc: 48.04 ng/ml



## #12 4,4'-DDE

R.T.: 5.394 min  
Delta R.T.: -0.003 min  
Response: 193310380  
Conc: 47.53 ng/ml



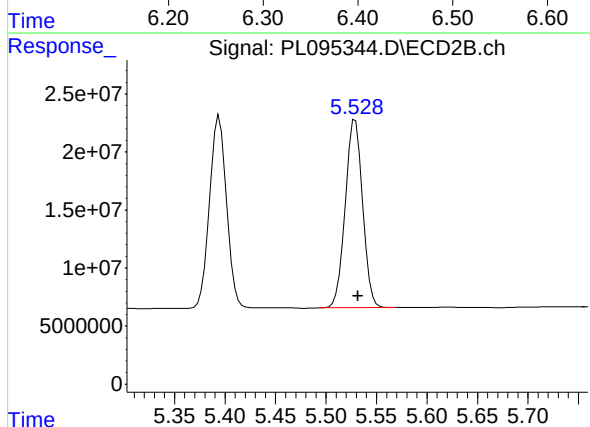
#13 Dieldrin

R.T.: 6.394 min  
Delta R.T.: -0.002 min  
Response: 185966480  
Conc: 48.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325

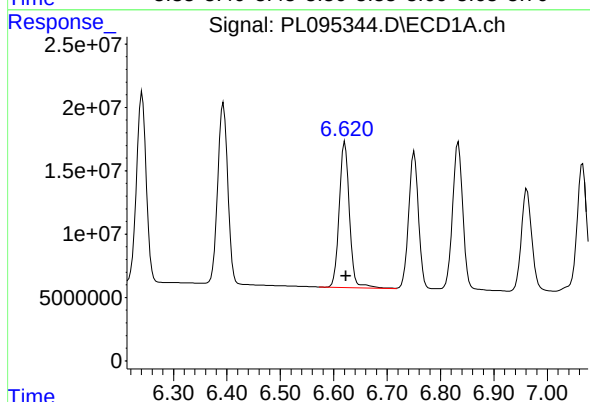
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



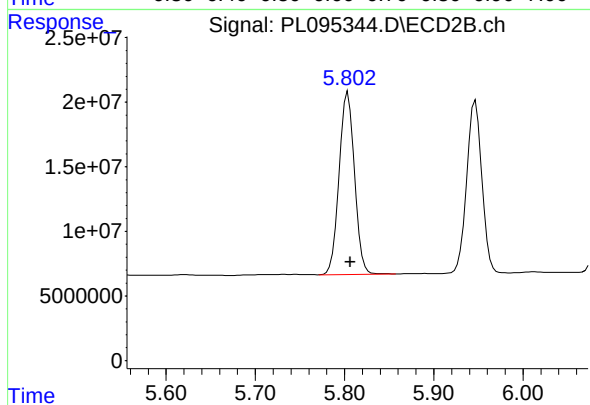
#13 Dieldrin

R.T.: 5.529 min  
Delta R.T.: -0.003 min  
Response: 193657038  
Conc: 47.62 ng/ml



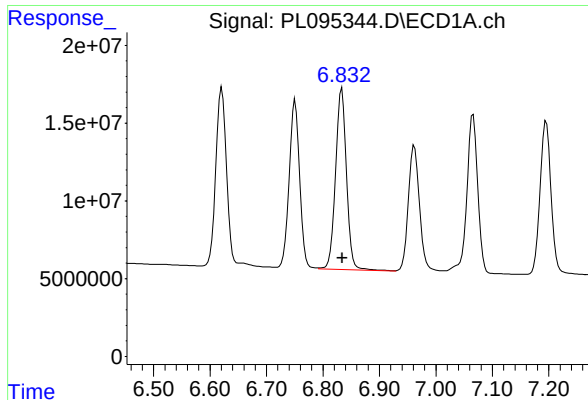
#14 Endrin

R.T.: 6.621 min  
Delta R.T.: -0.002 min  
Response: 154528451  
Conc: 48.52 ng/ml



#14 Endrin

R.T.: 5.804 min  
Delta R.T.: -0.003 min  
Response: 168955840  
Conc: 46.41 ng/ml



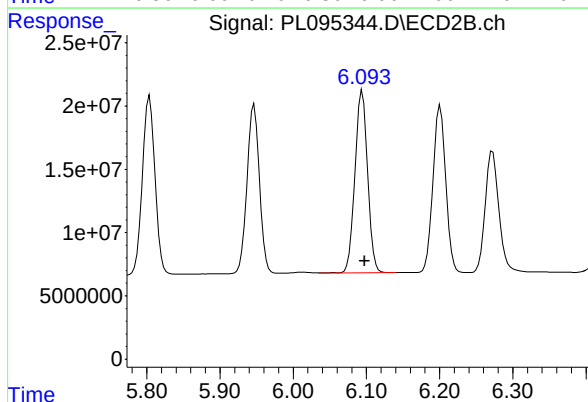
## #15 Endosulfan II

R.T.: 6.833 min  
Delta R.T.: -0.001 min  
Response: 157567449  
Conc: 49.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325

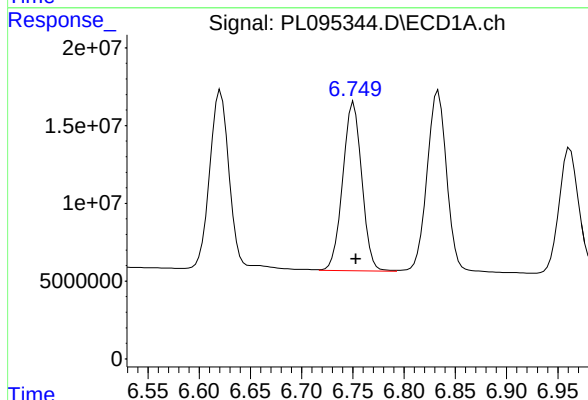
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



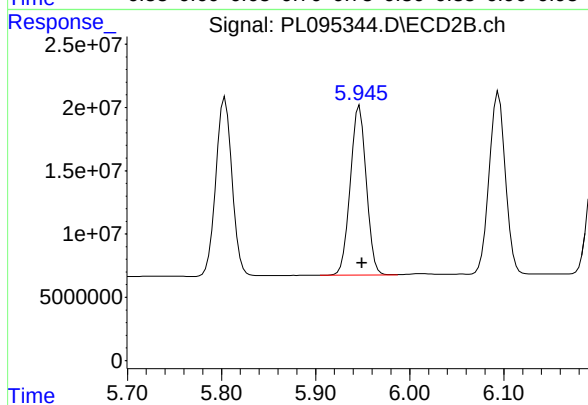
## #15 Endosulfan II

R.T.: 6.094 min  
Delta R.T.: -0.003 min  
Response: 172973782  
Conc: 48.17 ng/ml



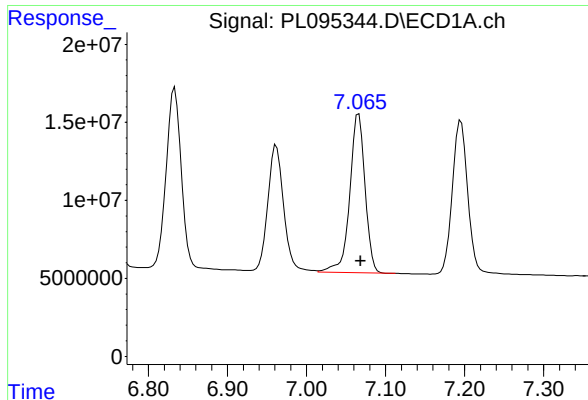
## #16 4,4'-DDD

R.T.: 6.751 min  
Delta R.T.: -0.002 min  
Response: 140103814  
Conc: 49.49 ng/ml



## #16 4,4'-DDD

R.T.: 5.947 min  
Delta R.T.: -0.003 min  
Response: 158264661  
Conc: 48.45 ng/ml



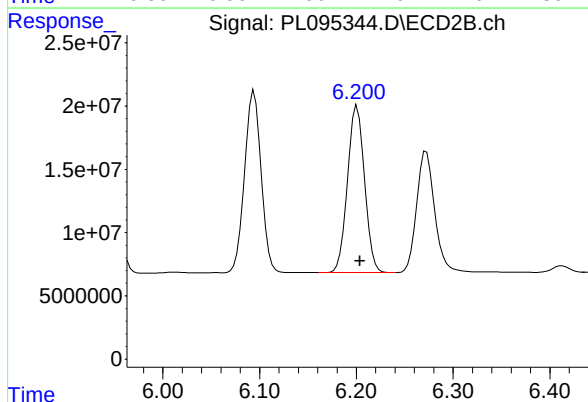
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: -0.003 min  
Response: 136066041  
Conc: 47.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325

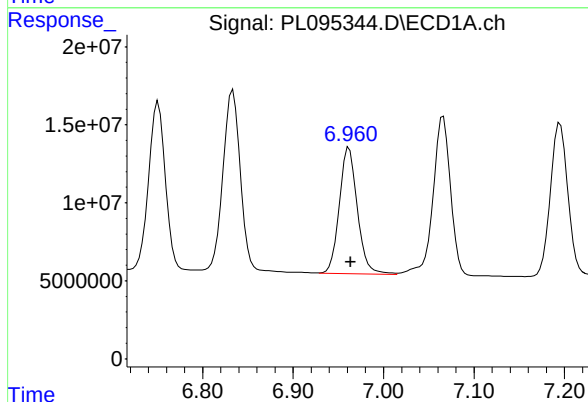
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



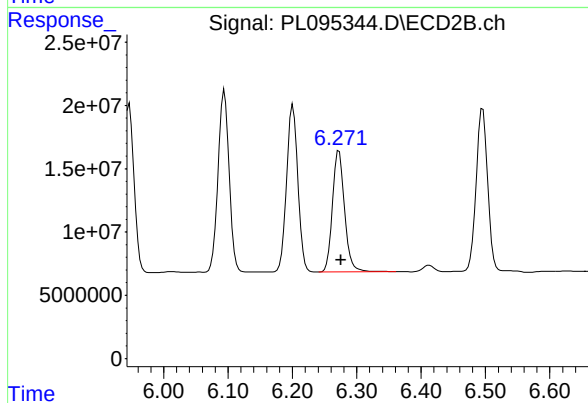
#17 4,4'-DDT

R.T.: 6.201 min  
Delta R.T.: -0.003 min  
Response: 160165180  
Conc: 46.61 ng/ml



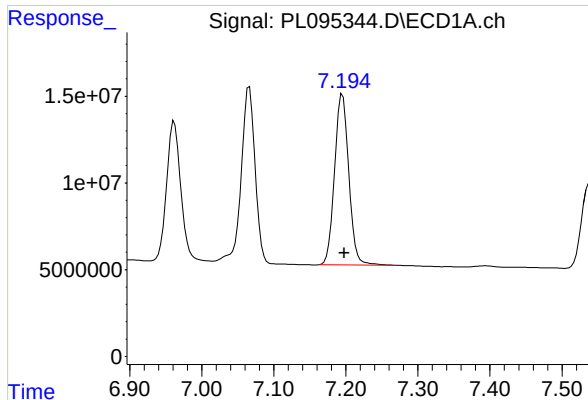
#18 Endrin aldehyde

R.T.: 6.962 min  
Delta R.T.: -0.002 min  
Response: 111869443  
Conc: 48.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.272 min  
Delta R.T.: -0.003 min  
Response: 125158099  
Conc: 47.90 ng/ml



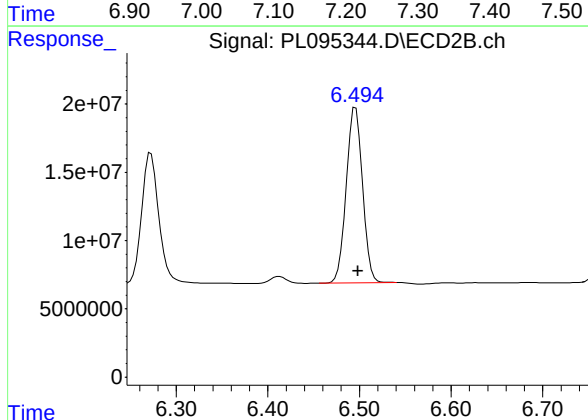
## #19 Endosulfan Sulfate

R.T.: 7.195 min  
Delta R.T.: -0.003 min  
Response: 134214631  
Conc: 47.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325

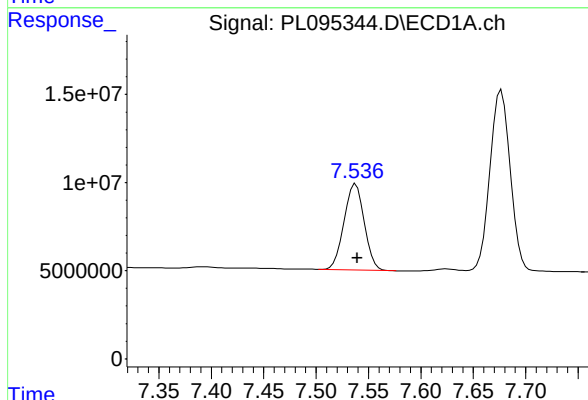
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



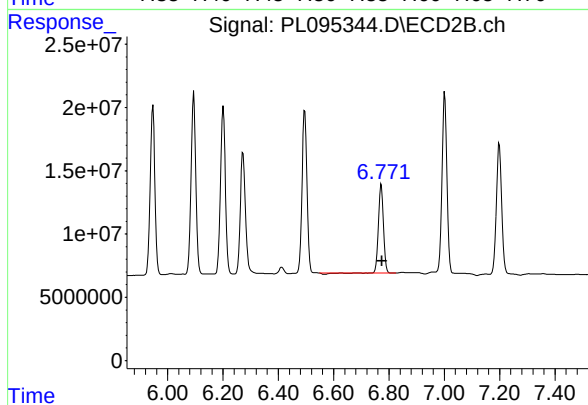
## #19 Endosulfan Sulfate

R.T.: 6.496 min  
Delta R.T.: -0.003 min  
Response: 159229468  
Conc: 47.99 ng/ml



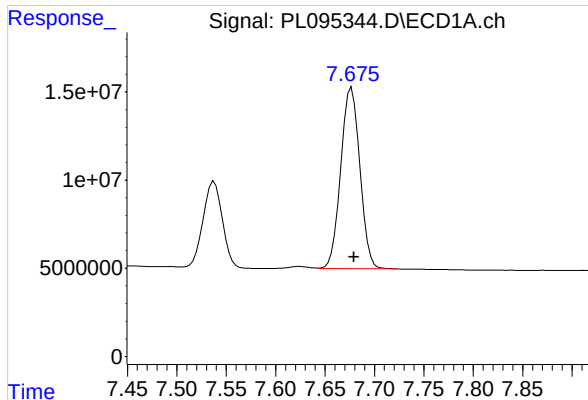
## #20 Methoxychlor

R.T.: 7.538 min  
Delta R.T.: -0.002 min  
Response: 65789961  
Conc: 47.16 ng/ml



## #20 Methoxychlor

R.T.: 6.772 min  
Delta R.T.: -0.003 min  
Response: 87833349  
Conc: 46.05 ng/ml



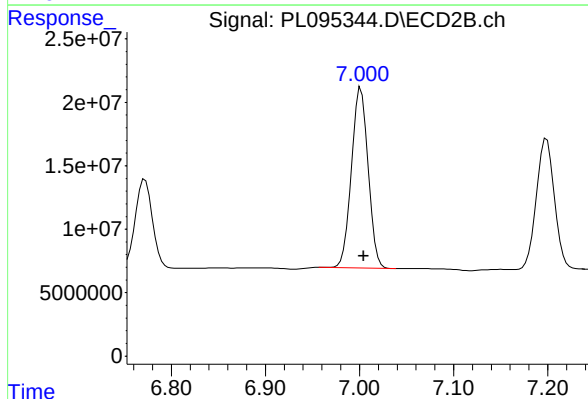
## #21 Endrin ketone

R.T.: 7.677 min  
Delta R.T.: -0.002 min  
Response: 138179720  
Conc: 48.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325

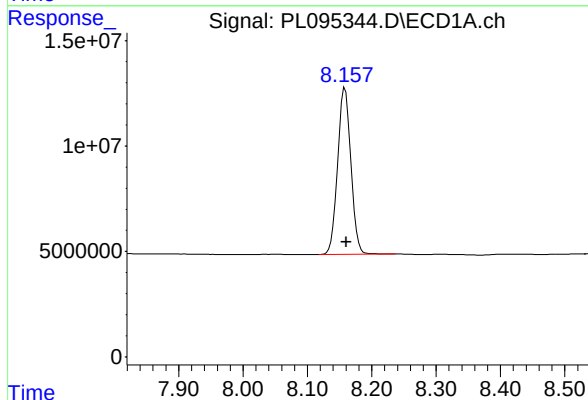
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



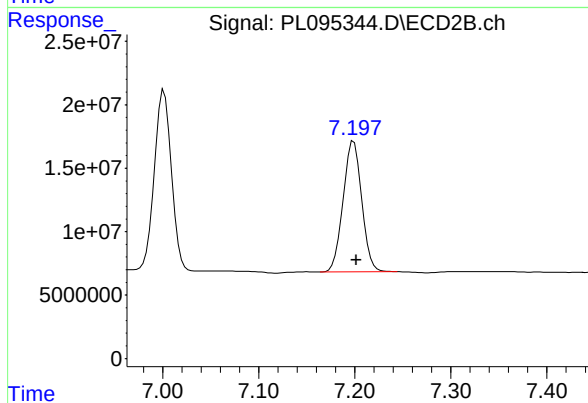
## #21 Endrin ketone

R.T.: 7.002 min  
Delta R.T.: -0.003 min  
Response: 175365566  
Conc: 49.80 ng/ml



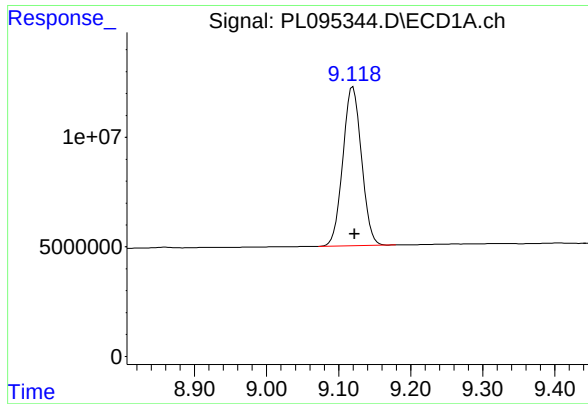
## #22 Mirex

R.T.: 8.158 min  
Delta R.T.: -0.002 min  
Response: 113501621  
Conc: 47.77 ng/ml



## #22 Mirex

R.T.: 7.197 min  
Delta R.T.: -0.004 min  
Response: 137859647  
Conc: 47.83 ng/ml m



#28 Decachlorobiphenyl

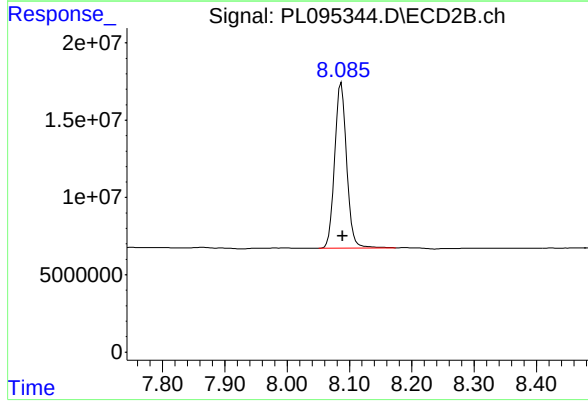
R.T.: 9.120 min  
Delta R.T.: -0.002 min  
Response: 130326216  
Conc: 47.04 ng/ml

ICAL Form

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.087 min  
Delta R.T.: -0.003 min  
Response: 142727631  
Conc: 48.23 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
 Data File : PL095345.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 16:10  
 Operator : AR\AJ  
 Sample : PCHLORICV500  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 ICVPL042325CHLOR

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 16:21:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:20:24 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.596 | 2.903 | 152.6E6  | 190.2E6  | 46.904  | 48.196  |
| 28) SA Decachlor...         | 9.123 | 8.086 | 128.6E6  | 137.5E6  | 46.543  | 46.958  |
| Target Compounds            |       |       |          |          |         |         |
| 23) Chlordane-1             | 4.762 | 3.923 | 91188494 | 73325625 | 466.422 | 474.178 |
| 24) Chlordane-2             | 5.287 | 4.505 | 99993513 | 86645710 | 472.301 | 470.827 |
| 25) Chlordane-3             | 5.994 | 5.143 | 372.5E6  | 248.5E6  | 478.250 | 480.953 |
| 26) Chlordane-4             | 6.079 | 5.207 | 452.8E6  | 208.8E6  | 480.167 | 480.372 |
| 27) Chlordane-5             | 6.919 | 6.103 | 72166294 | 87351531 | 476.072 | 472.838 |
| -----                       |       |       |          |          |         |         |

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

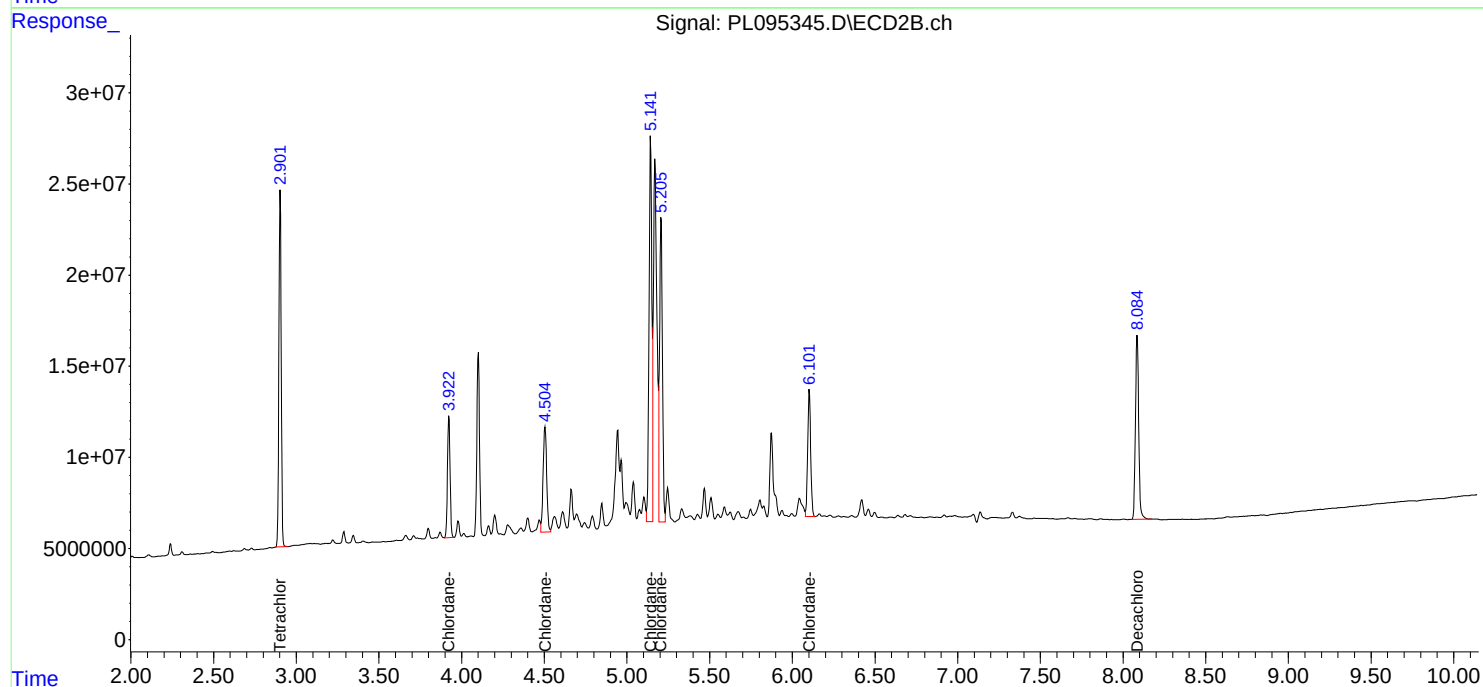
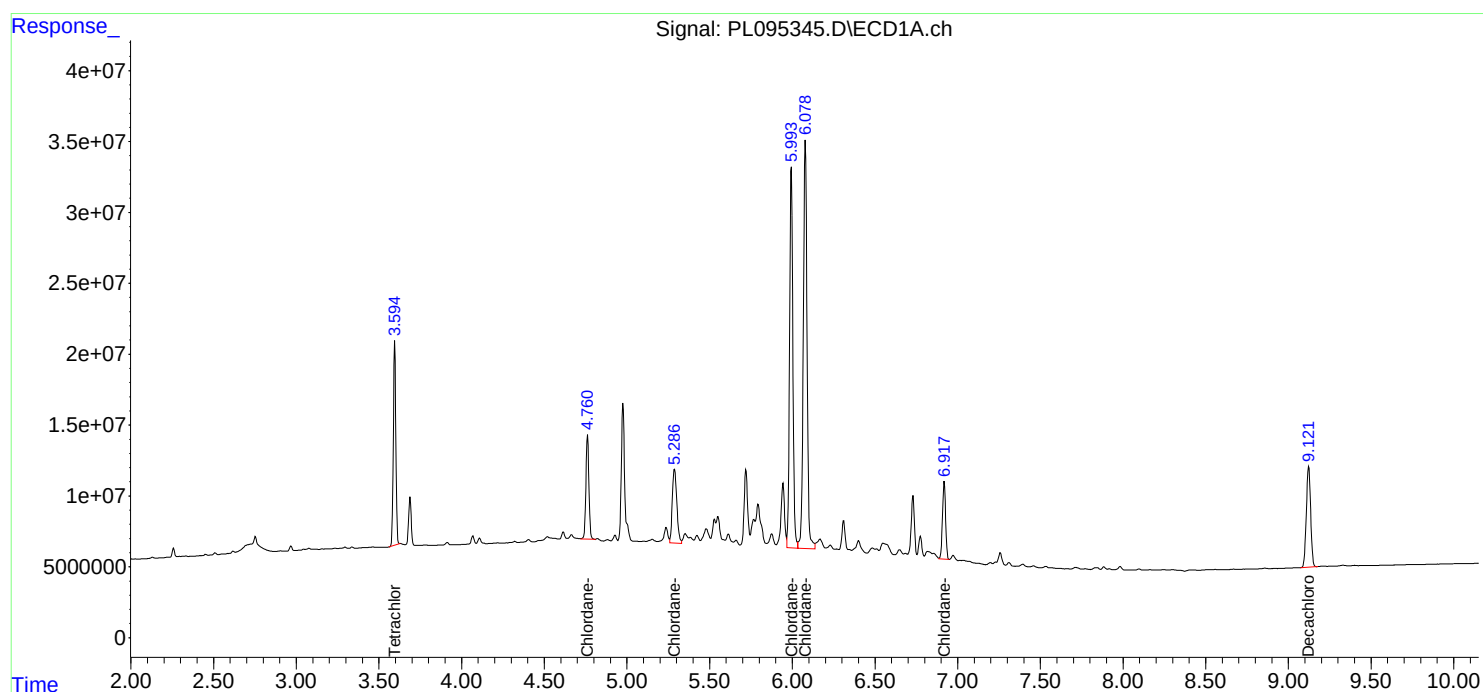


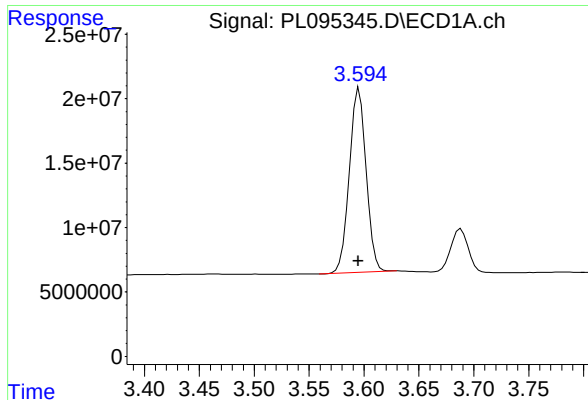
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095345.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 16:10  
Operator : AR\AJ  
Sample : PCHLORICV500  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325CHLOR

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 16:21:02 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:20:24 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

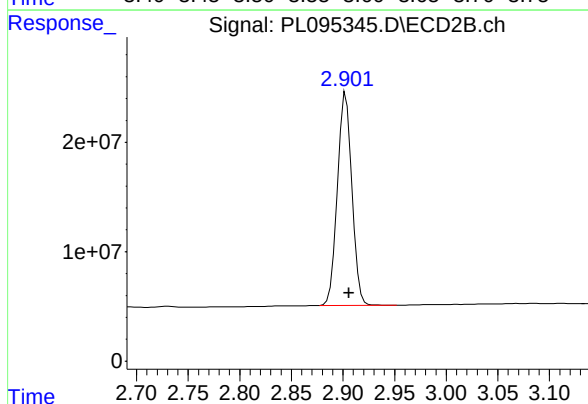




## #1 Tetrachloro-m-xylene

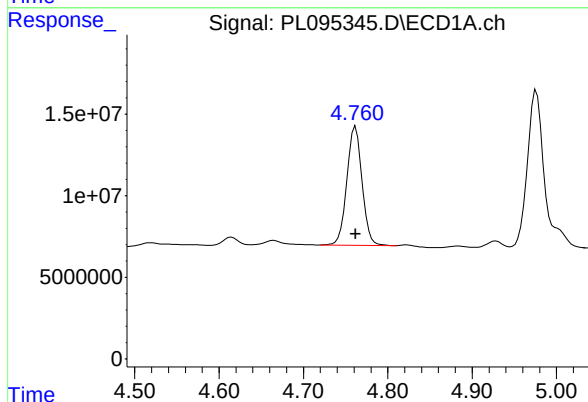
R.T.: 3.596 min  
Delta R.T.: 0.000 min  
Response: 152581881  
Conc: 46.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325CHLOR



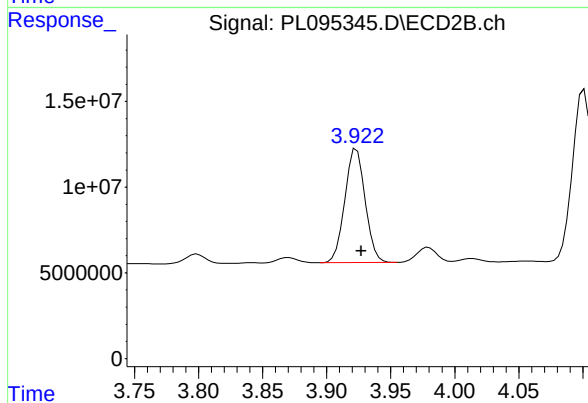
## #1 Tetrachloro-m-xylene

R.T.: 2.903 min  
Delta R.T.: -0.003 min  
Response: 190242032  
Conc: 48.20 ng/ml



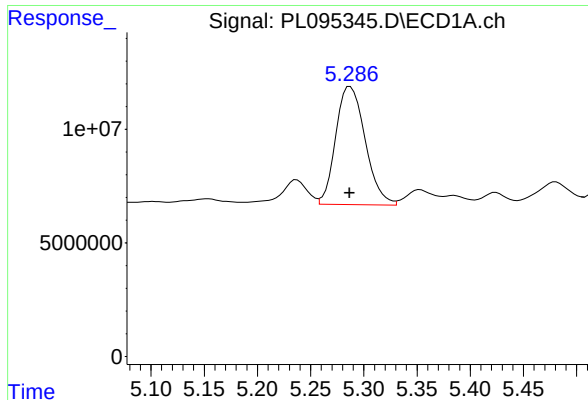
## #23 Chlordane-1

R.T.: 4.762 min  
Delta R.T.: 0.000 min  
Response: 91188494  
Conc: 466.42 ng/ml



## #23 Chlordane-1

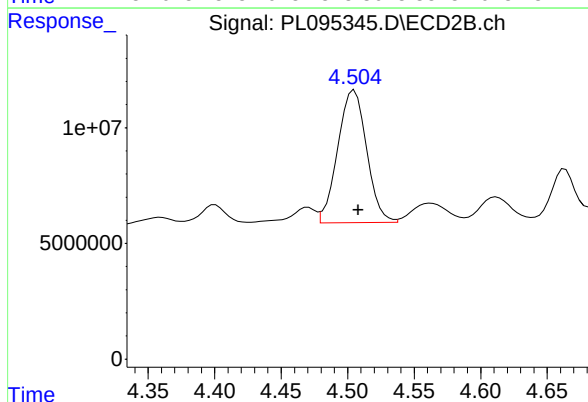
R.T.: 3.923 min  
Delta R.T.: -0.004 min  
Response: 73325625  
Conc: 474.18 ng/ml



#24 Chlordane-2

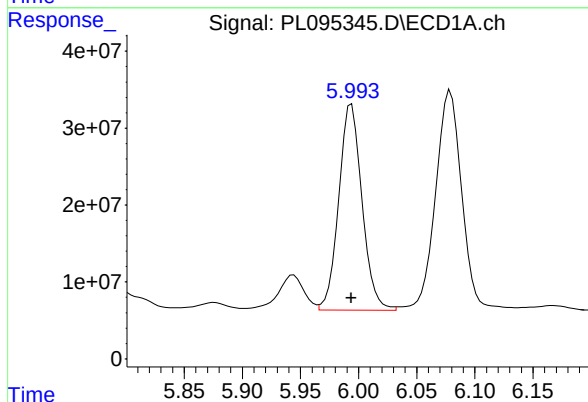
R.T.: 5.287 min  
Delta R.T.: 0.000 min  
Response: 99993513  
Conc: 472.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325CHLOR



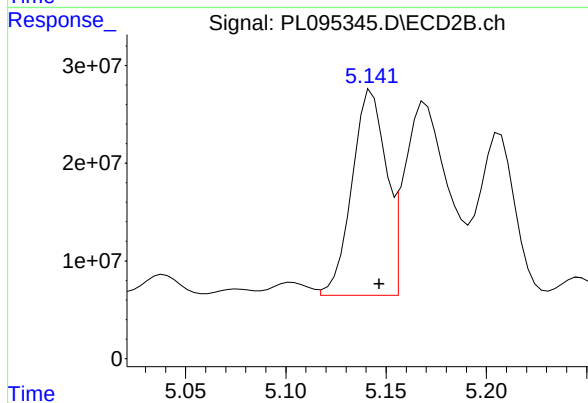
#24 Chlordane-2

R.T.: 4.505 min  
Delta R.T.: -0.003 min  
Response: 86645710  
Conc: 470.83 ng/ml



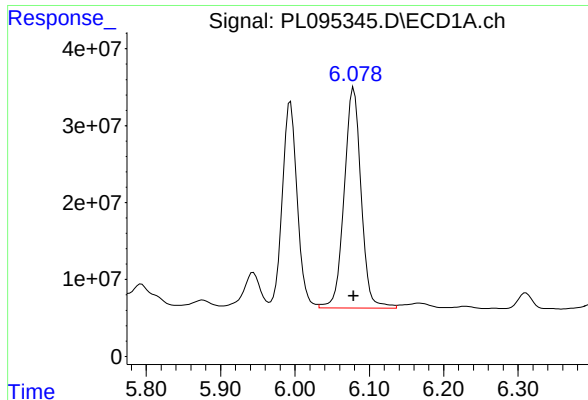
#25 Chlordane-3

R.T.: 5.994 min  
Delta R.T.: 0.000 min  
Response: 372521270  
Conc: 478.25 ng/ml



#25 Chlordane-3

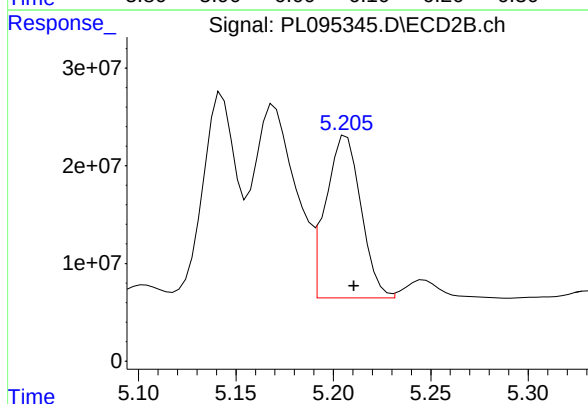
R.T.: 5.143 min  
Delta R.T.: -0.004 min  
Response: 248470862  
Conc: 480.95 ng/ml



#26 Chlordane-4

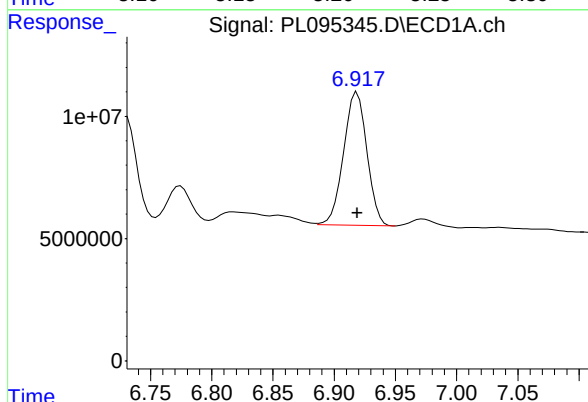
R.T.: 6.079 min  
Delta R.T.: 0.000 min  
Response: 452763722  
Conc: 480.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325CHLOR



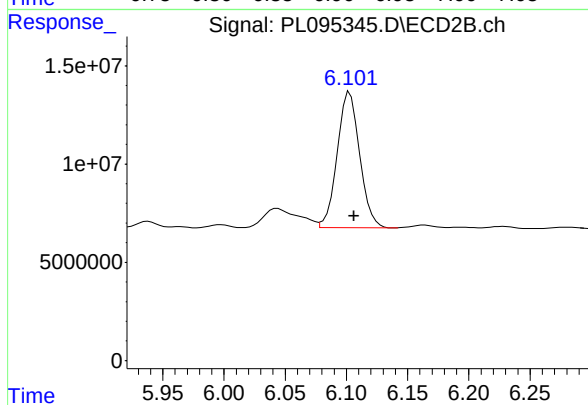
#26 Chlordane-4

R.T.: 5.207 min  
Delta R.T.: -0.004 min  
Response: 208775465  
Conc: 480.37 ng/ml



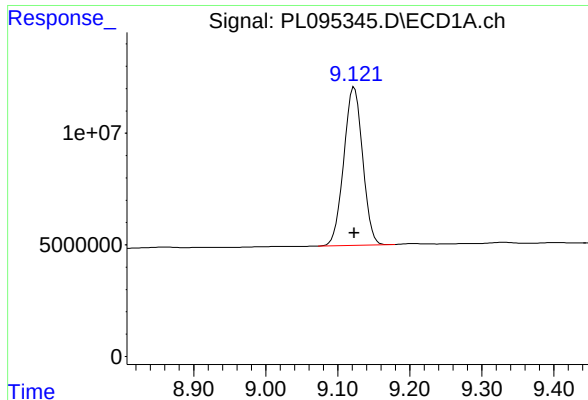
#27 Chlordane-5

R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 72166294  
Conc: 476.07 ng/ml



#27 Chlordane-5

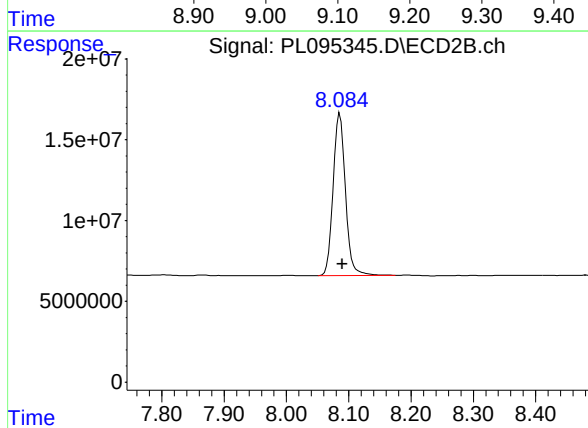
R.T.: 6.103 min  
Delta R.T.: -0.003 min  
Response: 87351531  
Conc: 472.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min  
Delta R.T.: 0.000 min  
Response: 128627322  
Conc: 46.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325CHLOR



#28 Decachlorobiphenyl

R.T.: 8.086 min  
Delta R.T.: -0.004 min  
Response: 137498660  
Conc: 46.96 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
 Data File : PL095346.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 16:24  
 Operator : AR\AJ  
 Sample : PTOXICV500  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 ICVPL042325TOX

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 16:36:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 14:07:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|----------|
| -----                       |                 |        |        |          |          |         |          |
| System Monitoring Compounds |                 |        |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.593  | 2.904  | 175.0E6  | 172.3E6  | 53.598  | 54.186   |
| 28)                         | SA Decachlor... | 9.120  | 8.086  | 148.2E6  | 156.4E6  | 53.491  | 52.867   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 10)                         | B gamma-Chl...  | 0.000  | 5.164f | 0        | 12806257 | N.D.    | 3.160 #  |
| 13)                         | MA Dieldrin     | 6.425f | 0.000  | 3967075  | 0        | 1.029   | N.D. #   |
| 14)                         | MA Endrin       | 6.594f | 0.000  | 18777861 | 0        | 5.896   | N.D. #   |
| 15)                         | B Endosulfa...  | 6.853f | 6.093  | 13207389 | 14589555 | 4.137   | 4.063    |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.968f | 0        | 6419026  | N.D.    | 1.965 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.209  | 0        | 7493461  | N.D.    | 2.181 #  |
| 18)                         | B Endrin al...  | 6.975  | 6.249f | 4872365  | 11819263 | 2.099   | 4.523 #  |
| 19)                         | B Endosulfa...  | 7.194  | 6.503  | 31364239 | 2407823  | 11.194  | 0.726 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.769  | 0        | 48316325 | N.D.    | 25.331 # |
| 21)                         | B Endrin ke...  | 7.662f | 0.000  | 20669859 | 0        | 7.250   | N.D. #   |
| 22)                         | Mirex           | 0.000  | 7.209  | 0        | 34826728 | N.D.    | 12.083 # |
| 25)                         | Chlordane-3     | 0.000  | 5.164f | 0        | 12806257 | N.D.    | 24.788 # |
| 27)                         | Chlordane-5     | 6.899f | 6.093  | 24624356 | 14589555 | 162.444 | 78.974 # |
| -----                       |                 |        |        |          |          |         |          |

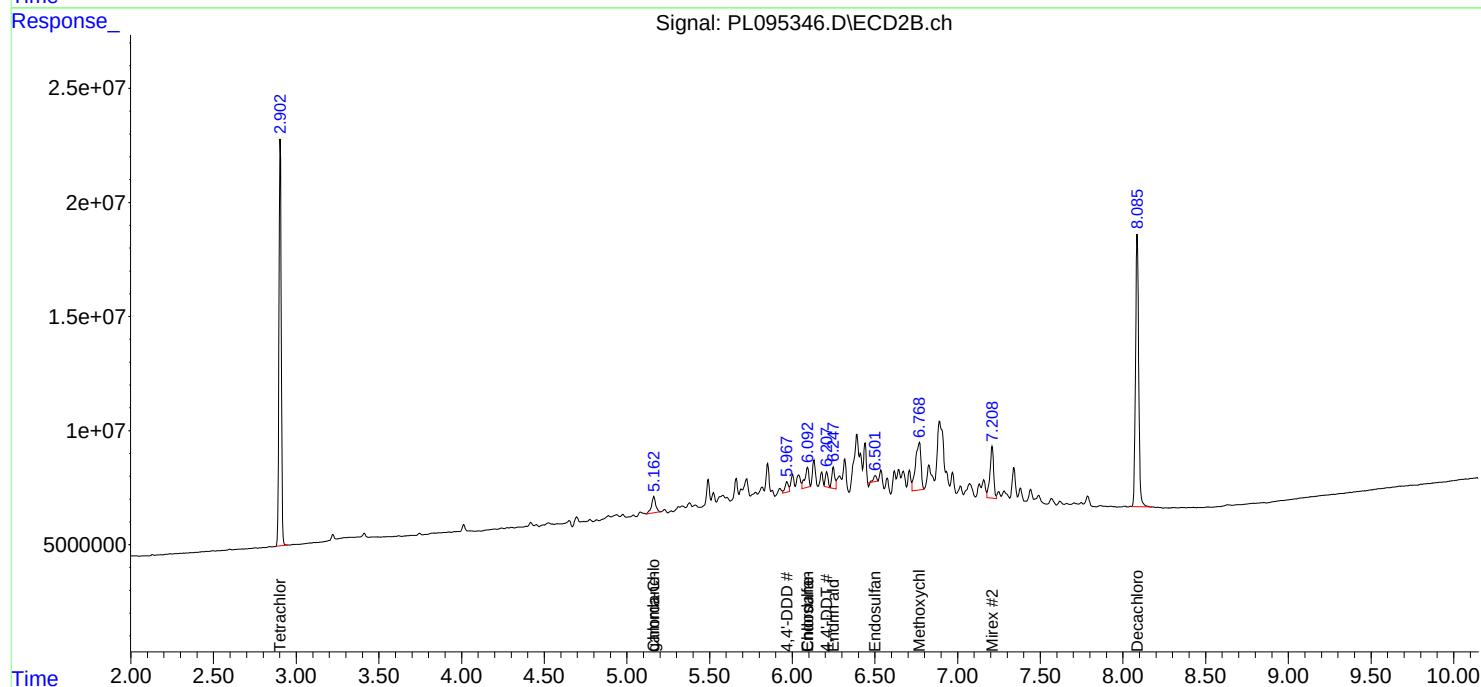
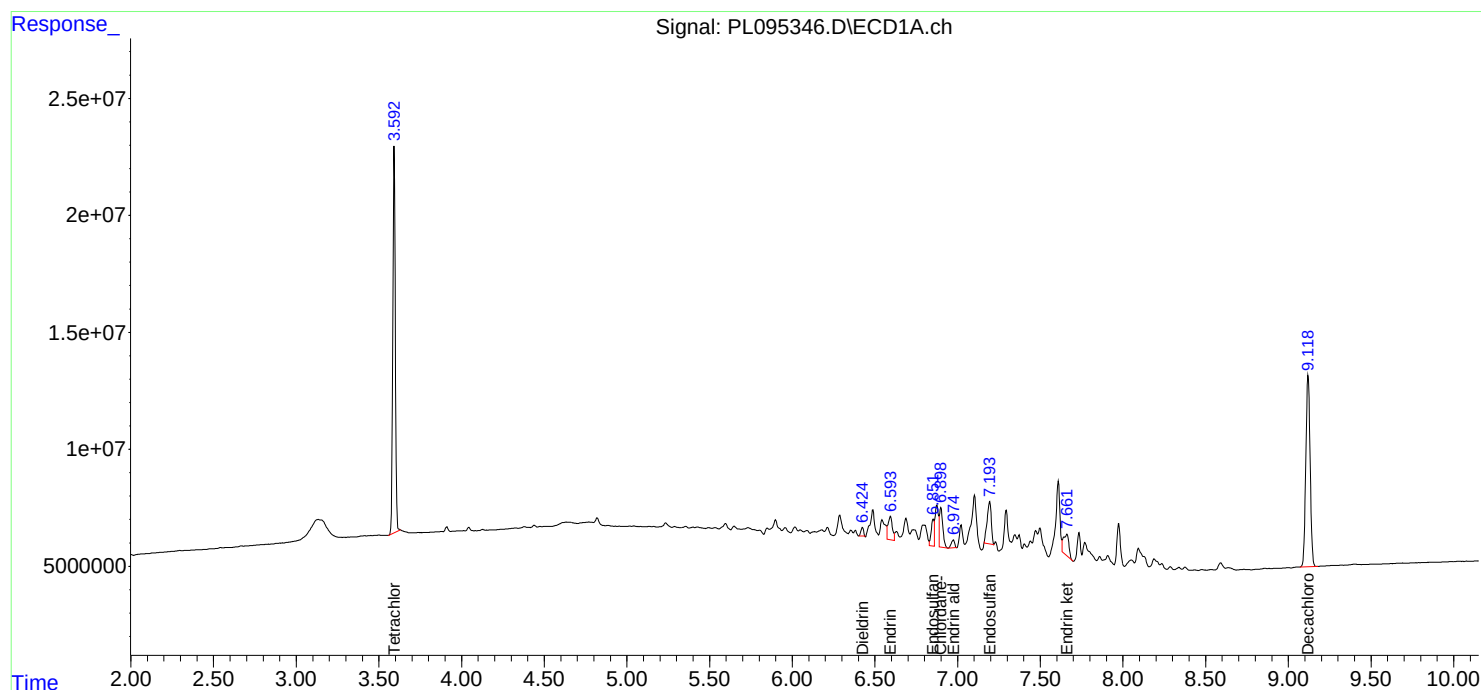
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

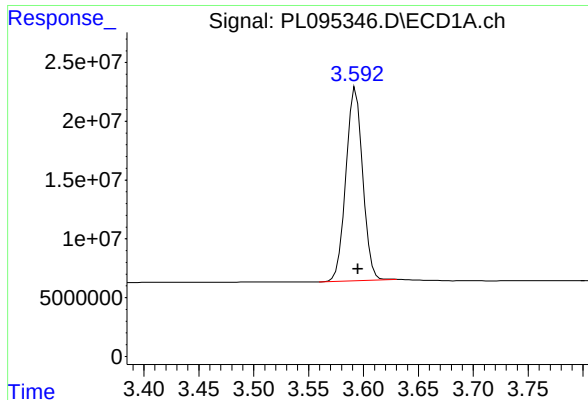
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095346.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 16:24  
Operator : AR\AJ  
Sample : PTOXICV500  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325TOX

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 16:36:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 14:07:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

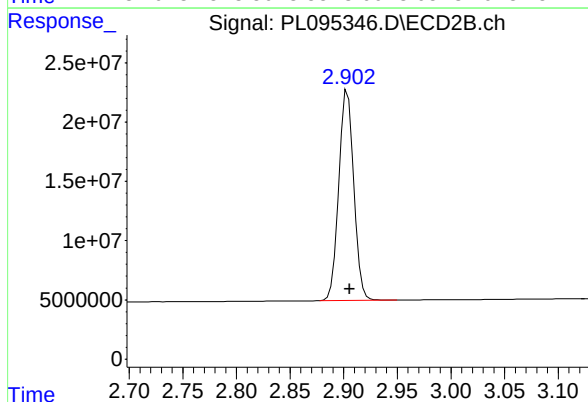




## #1 Tetrachloro-m-xylene

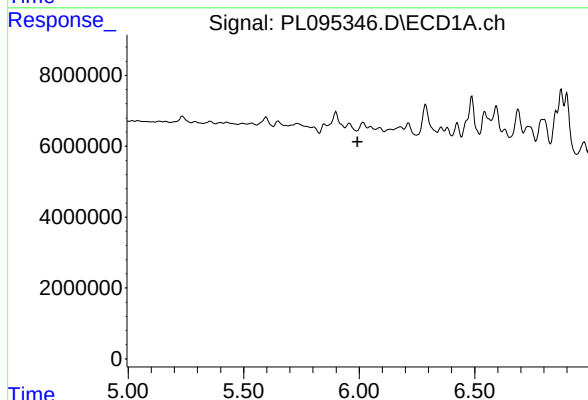
R.T.: 3.593 min  
Delta R.T.: -0.002 min  
Response: 174979230  
Conc: 53.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325TOX



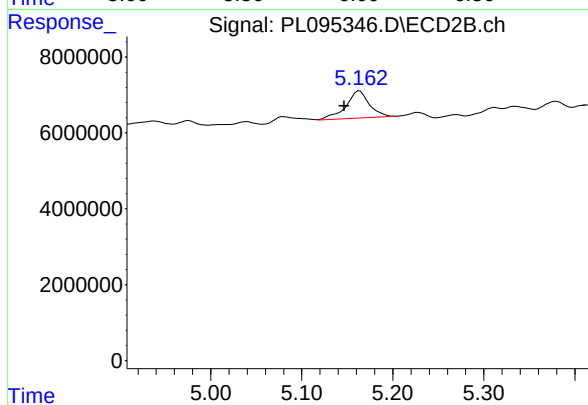
## #1 Tetrachloro-m-xylene

R.T.: 2.904 min  
Delta R.T.: -0.002 min  
Response: 172297894  
Conc: 54.19 ng/ml



## #10 gamma-Chlordane

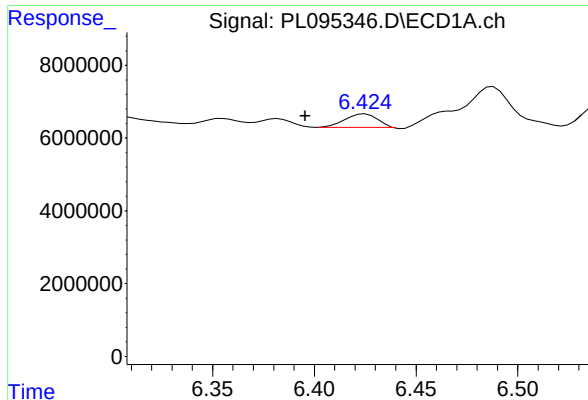
R.T.: 0.000 min  
Exp R.T.: 5.994 min  
Response: 0  
Conc: N.D.



## #10 gamma-Chlordane

R.T.: 5.164 min  
Delta R.T.: 0.017 min  
Response: 12806257  
Conc: 3.16 ng/ml

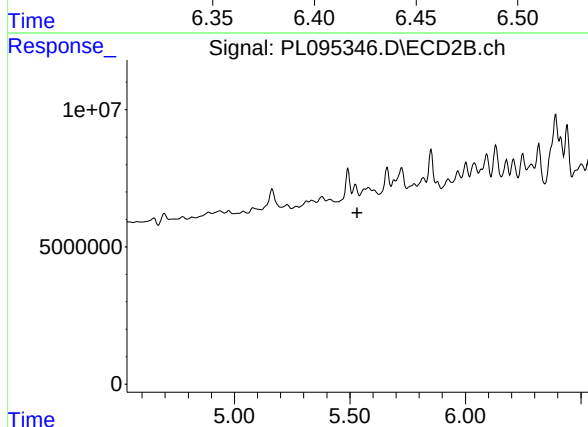




#13 Dieldrin

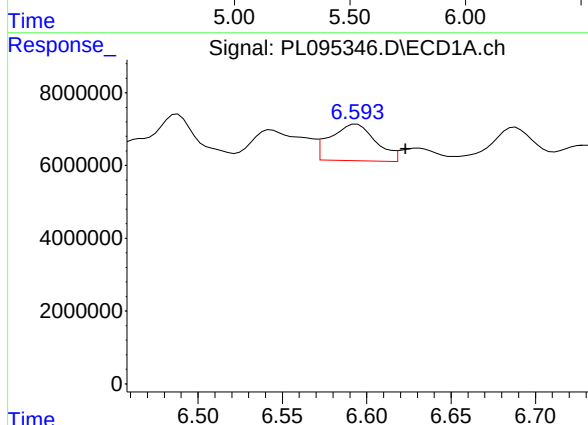
R.T.: 6.425 min  
Delta R.T.: 0.029 min  
Response: 3967075  
Conc: 1.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325TOX



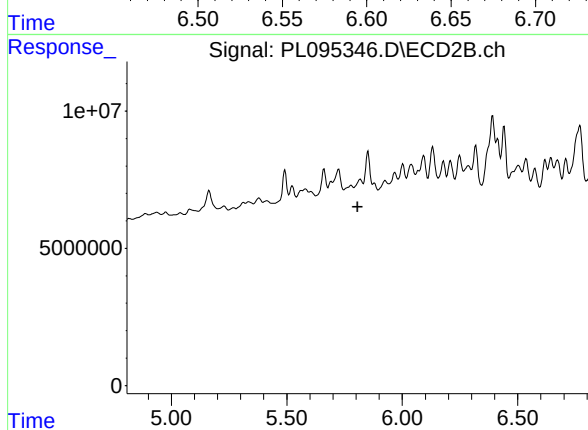
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 5.532 min  
Response: 0  
Conc: N.D.



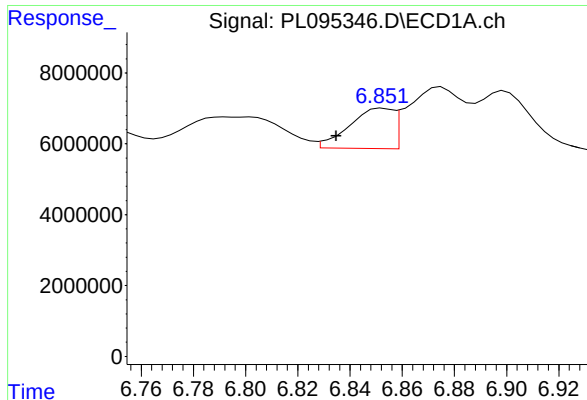
#14 Endrin

R.T.: 6.594 min  
Delta R.T.: -0.029 min  
Response: 18777861  
Conc: 5.90 ng/ml



#14 Endrin

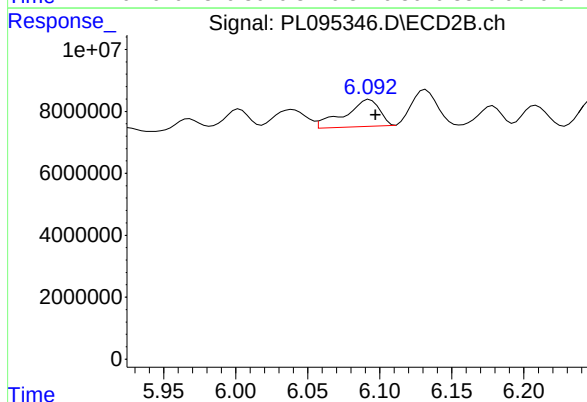
R.T.: 0.000 min  
Exp R.T.: 5.807 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

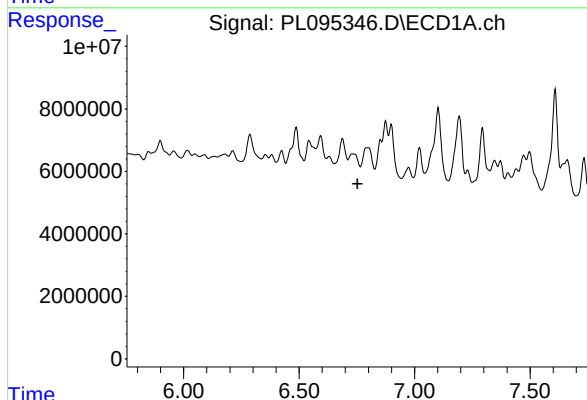
R.T.: 6.853 min  
Delta R.T.: 0.018 min  
Response: 13207389  
Conc: 4.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325TOX



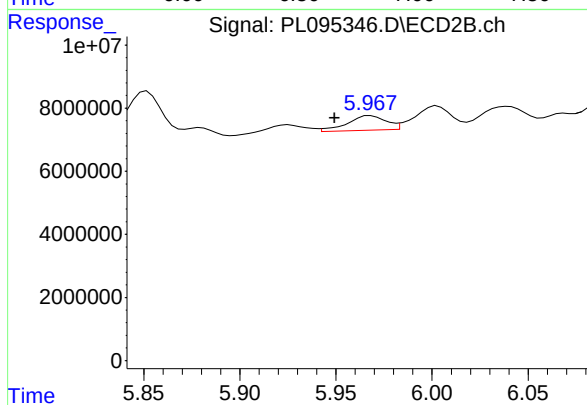
#15 Endosulfan II

R.T.: 6.093 min  
Delta R.T.: -0.004 min  
Response: 14589555  
Conc: 4.06 ng/ml



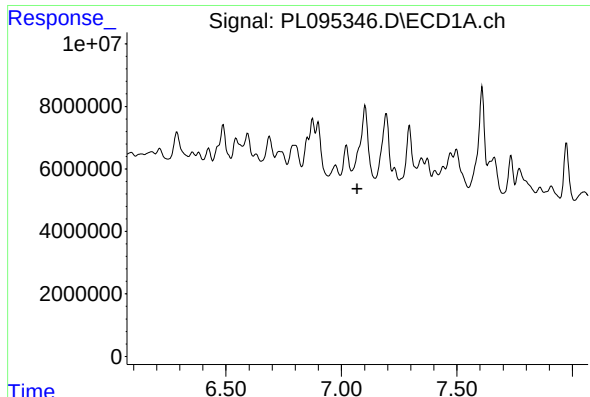
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 6.753 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

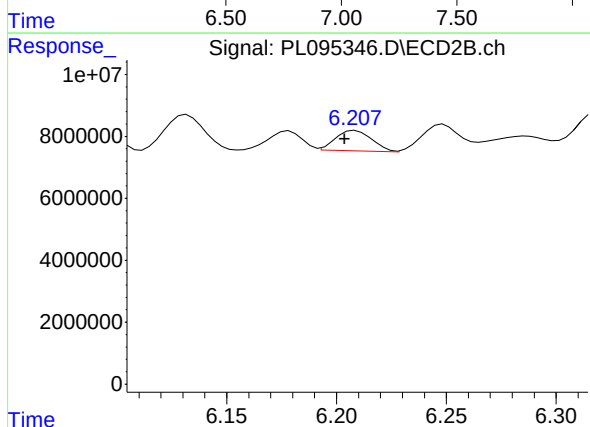
R.T.: 5.968 min  
Delta R.T.: 0.019 min  
Response: 6419026  
Conc: 1.96 ng/ml



#17 4,4'-DDT

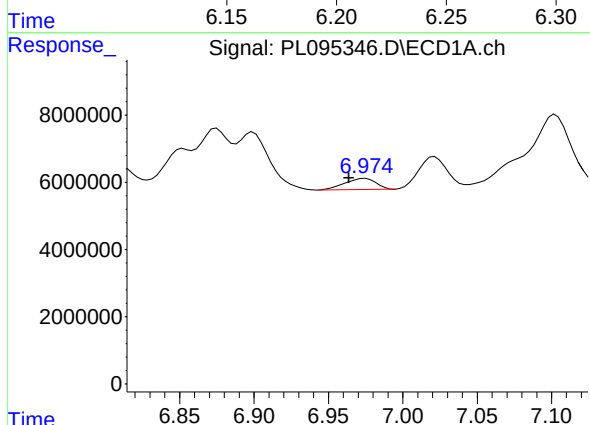
R.T.: 0.000 min  
Exp R.T.: 7.069 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325TOX



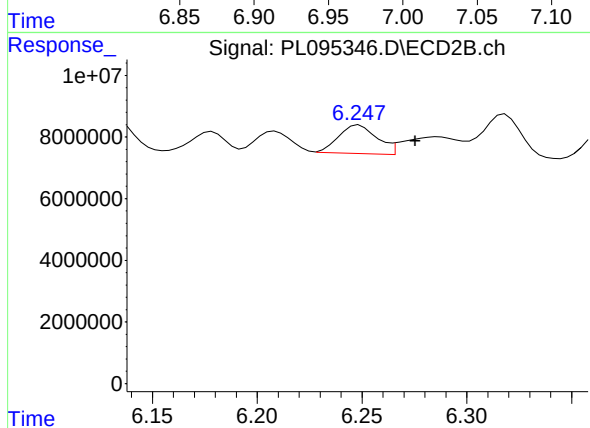
#17 4,4'-DDT

R.T.: 6.209 min  
Delta R.T.: 0.005 min  
Response: 7493461  
Conc: 2.18 ng/ml



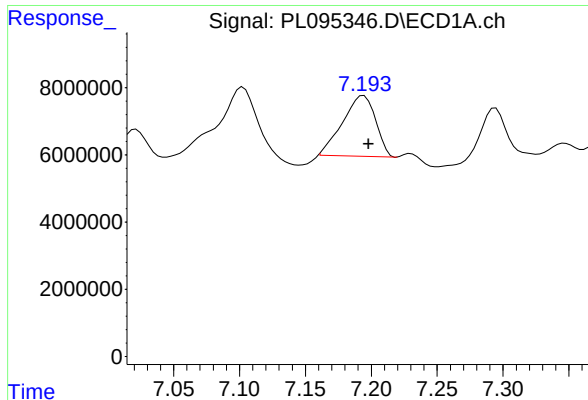
#18 Endrin aldehyde

R.T.: 6.975 min  
Delta R.T.: 0.011 min  
Response: 4872365  
Conc: 2.10 ng/ml



#18 Endrin aldehyde

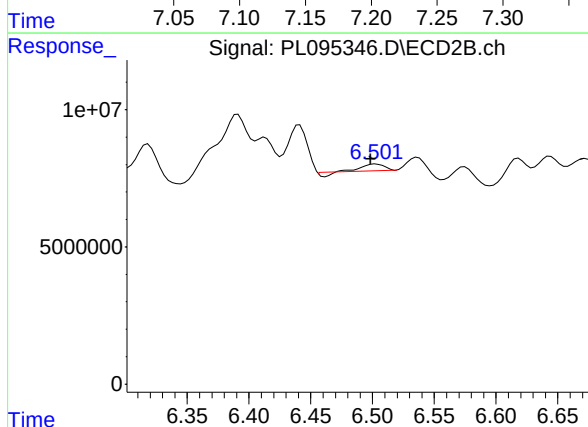
R.T.: 6.249 min  
Delta R.T.: -0.027 min  
Response: 11819263  
Conc: 4.52 ng/ml



## #19 Endosulfan Sulfate

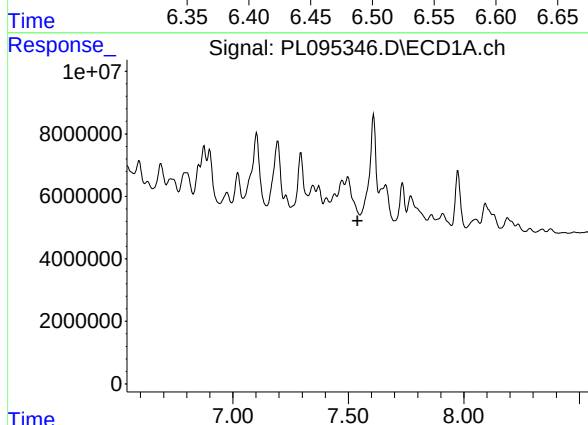
R.T.: 7.194 min  
Delta R.T.: -0.004 min  
Response: 31364239  
Conc: 11.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325TOX



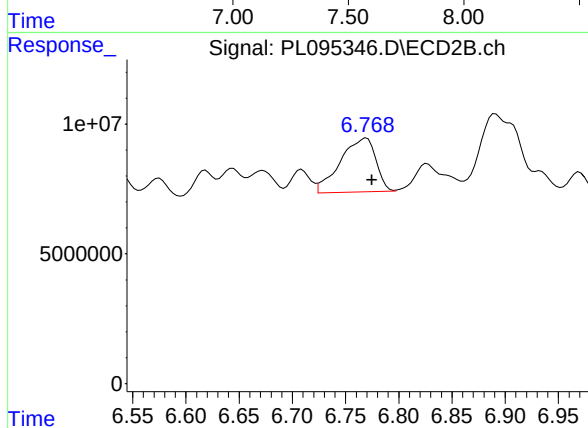
## #19 Endosulfan Sulfate

R.T.: 6.503 min  
Delta R.T.: 0.004 min  
Response: 2407823  
Conc: 0.73 ng/ml



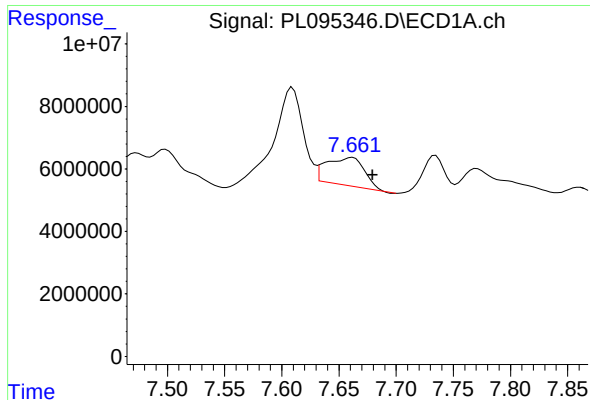
## #20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.540 min  
Response: 0  
Conc: N.D.



## #20 Methoxychlor

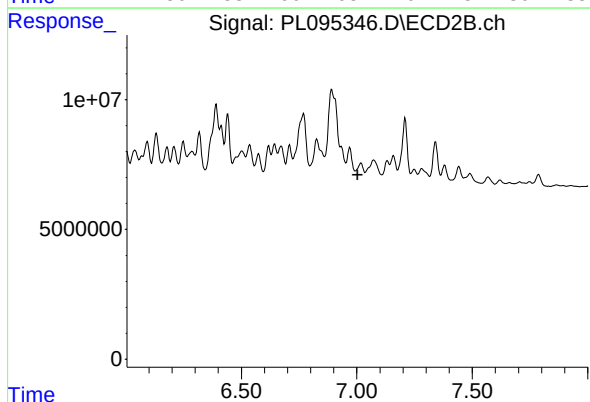
R.T.: 6.769 min  
Delta R.T.: -0.005 min  
Response: 48316325  
Conc: 25.33 ng/ml



#21 Endrin ketone

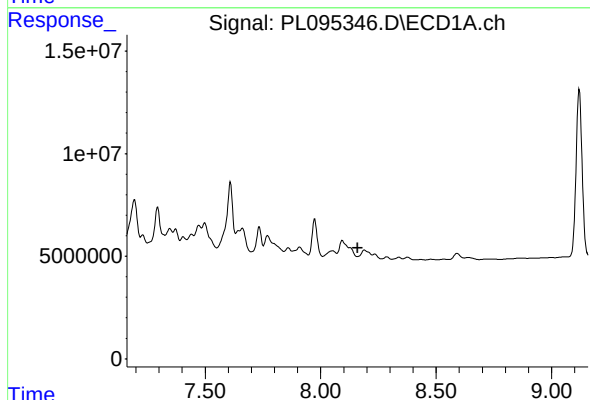
R.T.: 7.662 min  
Delta R.T.: -0.017 min  
Response: 20669859  
Conc: 7.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325TOX



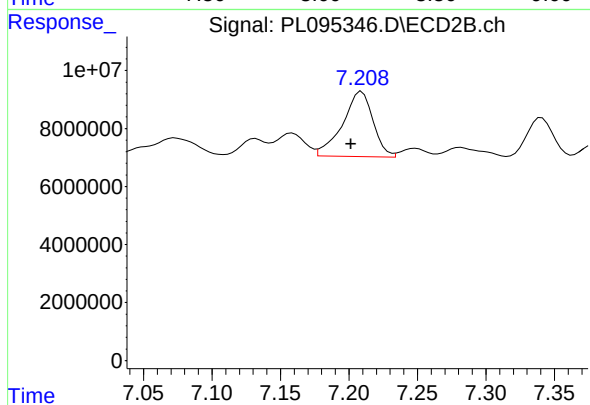
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.004 min  
Response: 0  
Conc: N.D.



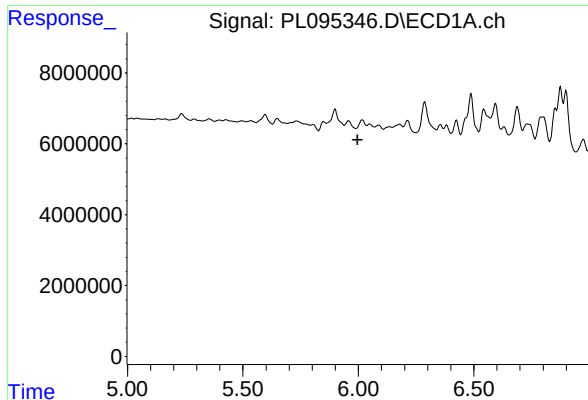
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 8.161 min  
Response: 0  
Conc: N.D.



#22 Mirex

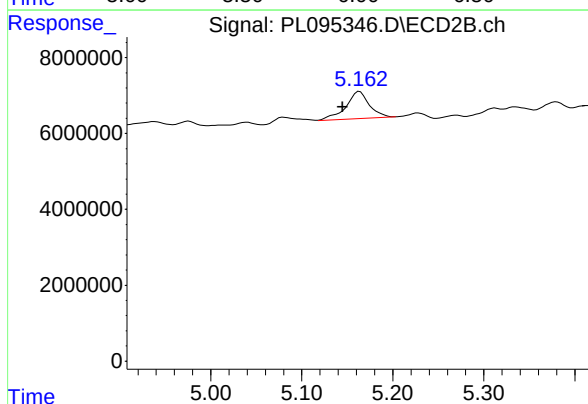
R.T.: 7.209 min  
Delta R.T.: 0.008 min  
Response: 34826728  
Conc: 12.08 ng/ml



#25 Chlordane-3

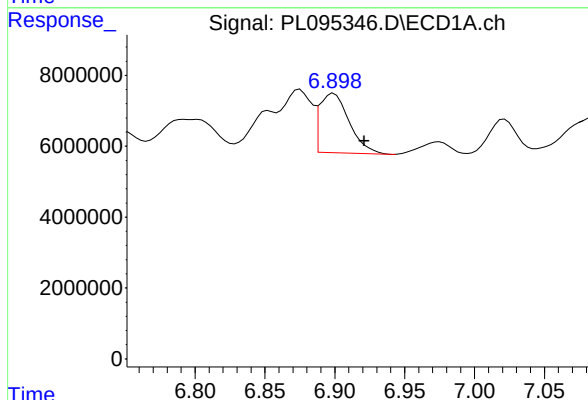
R.T.: 0.000 min  
Exp R.T.: 5.996 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325TOX



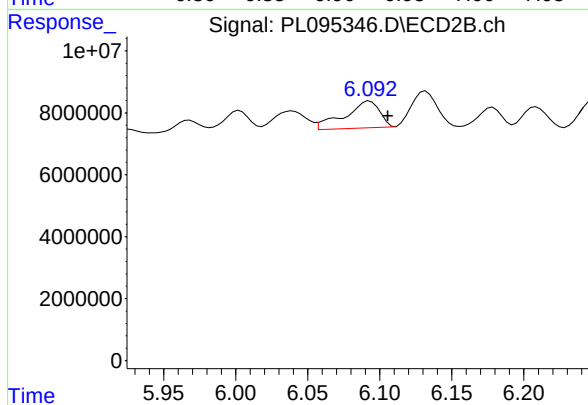
#25 Chlordane-3

R.T.: 5.164 min  
Delta R.T.: 0.019 min  
Response: 12806257  
Conc: 24.79 ng/ml



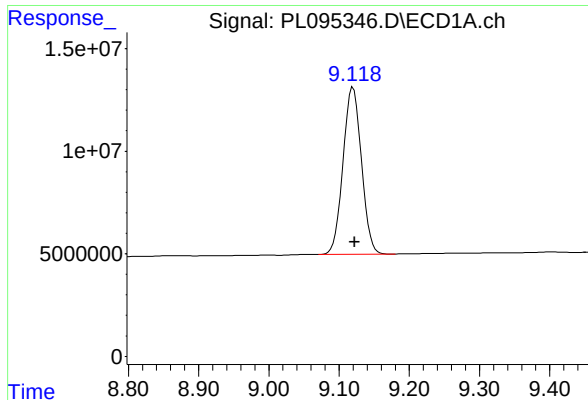
#27 Chlordane-5

R.T.: 6.899 min  
Delta R.T.: -0.022 min  
Response: 24624356  
Conc: 162.44 ng/ml



#27 Chlordane-5

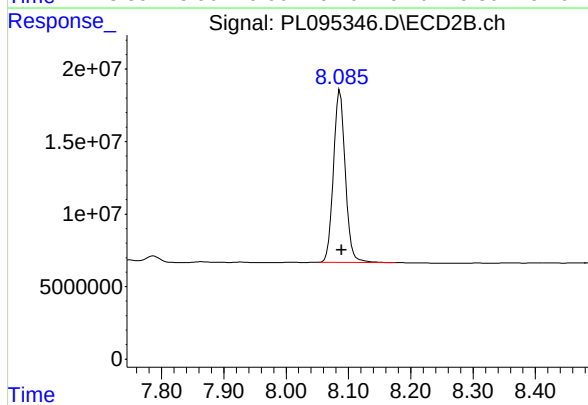
R.T.: 6.093 min  
Delta R.T.: -0.013 min  
Response: 14589555  
Conc: 78.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.120 min  
Delta R.T.: -0.002 min  
Response: 148213287  
Conc: 53.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL042325TOX



#28 Decachlorobiphenyl

R.T.: 8.086 min  
Delta R.T.: -0.003 min  
Response: 156448060  
Conc: 52.87 ng/ml



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### CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

Continuing Calib Date: 05/05/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 09:35 Initial Calibration Time(s): 11:31 12:26

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.12       | 9.12      | 9.02      | 9.22 | 0.00       |
| Tetrachloro-m-xylene | 3.59       | 3.60      | 3.50      | 3.70 | 0.01       |
| alpha-BHC            | 4.04       | 4.05      | 3.95      | 4.15 | 0.01       |
| beta-BHC             | 4.56       | 4.56      | 4.46      | 4.66 | 0.00       |
| delta-BHC            | 4.81       | 4.81      | 4.71      | 4.91 | 0.00       |
| gamma-BHC (Lindane)  | 4.37       | 4.38      | 4.28      | 4.48 | 0.01       |
| Heptachlor           | 4.97       | 4.98      | 4.88      | 5.08 | 0.01       |
| Aldrin               | 5.32       | 5.32      | 5.22      | 5.42 | 0.00       |
| Heptachlor epoxide   | 5.74       | 5.74      | 5.64      | 5.84 | 0.00       |
| Endosulfan I         | 6.12       | 6.12      | 6.02      | 6.22 | 0.00       |
| Dieldrin             | 6.39       | 6.40      | 6.30      | 6.50 | 0.01       |
| 4,4'-DDE             | 6.24       | 6.24      | 6.14      | 6.34 | 0.00       |
| Endrin               | 6.62       | 6.62      | 6.52      | 6.72 | 0.00       |
| Endosulfan II        | 6.83       | 6.84      | 6.74      | 6.94 | 0.01       |
| 4,4'-DDD             | 6.75       | 6.75      | 6.65      | 6.85 | 0.00       |
| Endosulfan sulfate   | 7.19       | 7.20      | 7.10      | 7.30 | 0.01       |
| 4,4'-DDT             | 7.06       | 7.07      | 6.97      | 7.17 | 0.01       |
| Methoxychlor         | 7.53       | 7.54      | 7.44      | 7.64 | 0.01       |
| Endrin ketone        | 7.68       | 7.68      | 7.58      | 7.78 | 0.00       |
| Endrin aldehyde      | 6.96       | 6.96      | 6.86      | 7.06 | 0.00       |
| alpha-Chlordane      | 6.07       | 6.08      | 5.98      | 6.18 | 0.01       |
| gamma-Chlordane      | 5.99       | 5.99      | 5.89      | 6.09 | 0.00       |





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### CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

Continuing Calib Date: 05/05/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 09:35 Initial Calibration Time(s): 11:31 12:26

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.09       | 8.09      | 7.99      | 8.19 | 0.00       |
| Tetrachloro-m-xylene | 2.91       | 2.91      | 2.81      | 3.01 | 0.00       |
| alpha-BHC            | 3.42       | 3.42      | 3.32      | 3.52 | 0.00       |
| beta-BHC             | 4.05       | 4.04      | 3.94      | 4.14 | -0.01      |
| delta-BHC            | 4.28       | 4.28      | 4.18      | 4.38 | 0.00       |
| gamma-BHC (Lindane)  | 3.75       | 3.75      | 3.65      | 3.85 | 0.00       |
| Heptachlor           | 4.11       | 4.10      | 4.00      | 4.20 | -0.01      |
| Aldrin               | 4.39       | 4.39      | 4.29      | 4.49 | 0.00       |
| Heptachlor epoxide   | 4.89       | 4.89      | 4.79      | 4.99 | 0.00       |
| Endosulfan I         | 5.27       | 5.27      | 5.17      | 5.37 | 0.00       |
| Dieldrin             | 5.53       | 5.53      | 5.43      | 5.63 | 0.00       |
| 4,4'-DDE             | 5.40       | 5.40      | 5.30      | 5.50 | 0.00       |
| Endrin               | 5.81       | 5.81      | 5.71      | 5.91 | 0.00       |
| Endosulfan II        | 6.10       | 6.10      | 6.00      | 6.20 | 0.00       |
| 4,4'-DDD             | 5.95       | 5.95      | 5.85      | 6.05 | 0.00       |
| Endosulfan sulfate   | 6.50       | 6.50      | 6.40      | 6.60 | 0.00       |
| 4,4'-DDT             | 6.20       | 6.20      | 6.10      | 6.30 | 0.00       |
| Methoxychlor         | 6.77       | 6.78      | 6.68      | 6.88 | 0.01       |
| Endrin ketone        | 7.00       | 7.00      | 6.90      | 7.10 | 0.00       |
| Endrin aldehyde      | 6.28       | 6.28      | 6.18      | 6.38 | 0.00       |
| alpha-Chlordane      | 5.21       | 5.21      | 5.11      | 5.31 | 0.00       |
| gamma-Chlordane      | 5.15       | 5.15      | 5.05      | 5.25 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL01 Date Analyzed: 05/05/2025

Lab Sample No.: PSTDCCC050 Data File : PL095530.D Time Analyzed: 09:35

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.747 | 6.653     | 6.853 | 47.300             | 50.000            | -5.4  |
| 4,4'-DDE             | 6.238 | 6.143     | 6.343 | 46.150             | 50.000            | -7.7  |
| 4,4'-DDT             | 7.064 | 6.969     | 7.169 | 46.820             | 50.000            | -6.4  |
| Aldrin               | 5.315 | 5.218     | 5.418 | 46.140             | 50.000            | -7.7  |
| alpha-BHC            | 4.044 | 3.946     | 4.146 | 43.990             | 50.000            | -12.0 |
| alpha-Chlordane      | 6.071 | 5.975     | 6.175 | 47.640             | 50.000            | -4.7  |
| beta-BHC             | 4.560 | 4.464     | 4.664 | 42.590             | 50.000            | -14.8 |
| Decachlorobiphenyl   | 9.116 | 9.022     | 9.222 | 43.910             | 50.000            | -12.2 |
| delta-BHC            | 4.808 | 4.712     | 4.912 | 44.360             | 50.000            | -11.3 |
| Dieldrin             | 6.391 | 6.296     | 6.496 | 46.980             | 50.000            | -6.0  |
| Endosulfan I         | 6.119 | 6.023     | 6.223 | 48.320             | 50.000            | -3.4  |
| Endosulfan II        | 6.829 | 6.735     | 6.935 | 50.020             | 50.000            | 0.0   |
| Endosulfan sulfate   | 7.193 | 7.098     | 7.298 | 46.690             | 50.000            | -6.6  |
| Endrin               | 6.618 | 6.523     | 6.723 | 46.060             | 50.000            | -7.9  |
| Endrin aldehyde      | 6.960 | 6.864     | 7.064 | 48.850             | 50.000            | -2.3  |
| Endrin ketone        | 7.675 | 7.579     | 7.779 | 47.120             | 50.000            | -5.8  |
| gamma-BHC (Lindane)  | 4.374 | 4.277     | 4.477 | 43.670             | 50.000            | -12.7 |
| gamma-Chlordane      | 5.990 | 5.894     | 6.094 | 48.020             | 50.000            | -4.0  |
| Heptachlor           | 4.973 | 4.876     | 5.076 | 43.060             | 50.000            | -13.9 |
| Heptachlor epoxide   | 5.736 | 5.639     | 5.839 | 47.650             | 50.000            | -4.7  |
| Methoxychlor         | 7.534 | 7.440     | 7.640 | 43.380             | 50.000            | -13.2 |
| Tetrachloro-m-xylene | 3.593 | 3.495     | 3.695 | 43.080             | 50.000            | -13.8 |



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### CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL01 Date Analyzed: 05/05/2025

Lab Sample No.: PSTDCCC050 Data File : PL095530.D Time Analyzed: 09:35

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| 4,4'-DDD             | 5.948 | 5.849     | 6.049 | 57.980             | 50.000            | 16.0 |
| 4,4'-DDE             | 5.396 | 5.297     | 5.497 | 54.780             | 50.000            | 9.6  |
| 4,4'-DDT             | 6.202 | 6.104     | 6.304 | 56.230             | 50.000            | 12.5 |
| Aldrin               | 4.391 | 4.290     | 4.490 | 58.200             | 50.000            | 16.4 |
| alpha-BHC            | 3.419 | 3.316     | 3.516 | 59.500             | 50.000            | 19.0 |
| alpha-Chlordane      | 5.211 | 5.111     | 5.311 | 55.860             | 50.000            | 11.7 |
| beta-BHC             | 4.046 | 3.944     | 4.144 | 55.470             | 50.000            | 10.9 |
| Decachlorobiphenyl   | 8.086 | 7.989     | 8.189 | 48.700             | 50.000            | -2.6 |
| delta-BHC            | 4.282 | 4.180     | 4.380 | 57.840             | 50.000            | 15.7 |
| Dieldrin             | 5.532 | 5.432     | 5.632 | 57.240             | 50.000            | 14.5 |
| Endosulfan I         | 5.266 | 5.167     | 5.367 | 57.420             | 50.000            | 14.8 |
| Endosulfan II        | 6.096 | 5.997     | 6.197 | 56.280             | 50.000            | 12.6 |
| Endosulfan sulfate   | 6.498 | 6.398     | 6.598 | 54.950             | 50.000            | 9.9  |
| Endrin               | 5.806 | 5.707     | 5.907 | 55.160             | 50.000            | 10.3 |
| Endrin aldehyde      | 6.275 | 6.175     | 6.375 | 56.100             | 50.000            | 12.2 |
| Endrin ketone        | 7.004 | 6.904     | 7.104 | 59.840             | 50.000            | 19.7 |
| gamma-BHC (Lindane)  | 3.752 | 3.650     | 3.850 | 57.130             | 50.000            | 14.3 |
| gamma-Chlordane      | 5.146 | 5.047     | 5.247 | 56.230             | 50.000            | 12.5 |
| Heptachlor           | 4.106 | 4.004     | 4.204 | 55.750             | 50.000            | 11.5 |
| Heptachlor epoxide   | 4.894 | 4.793     | 4.993 | 56.840             | 50.000            | 13.7 |
| Methoxychlor         | 6.772 | 6.675     | 6.875 | 53.580             | 50.000            | 7.2  |
| Tetrachloro-m-xylene | 2.910 | 2.806     | 3.006 | 54.250             | 50.000            | 8.5  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095530.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 09:35  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:38:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|---------|---------|----------|
| -----                       |                 |       |       |          |         |         |          |
| System Monitoring Compounds |                 |       |       |          |         |         |          |
| 1)                          | SA Tetrachlo... | 3.593 | 2.910 | 140.6E6  | 172.5E6 | 43.081  | 54.248 # |
| 28)                         | SA Decachlor... | 9.116 | 8.086 | 121.7E6  | 144.1E6 | 43.907  | 48.697   |
| Target Compounds            |                 |       |       |          |         |         |          |
| 2)                          | A alpha-BHC     | 4.044 | 3.419 | 217.9E6  | 264.7E6 | 43.987  | 59.501 # |
| 3)                          | MA gamma-BHC... | 4.374 | 3.752 | 206.7E6  | 251.3E6 | 43.668m | 57.127 # |
| 4)                          | MA Heptachlor   | 4.973 | 4.106 | 197.0E6  | 242.9E6 | 43.062  | 55.753 # |
| 5)                          | MB Aldrin       | 5.315 | 4.391 | 211.9E6  | 239.5E6 | 46.136  | 58.203 # |
| 6)                          | B beta-BHC      | 4.560 | 4.046 | 88049620 | 115.1E6 | 42.587  | 55.466 # |
| 7)                          | B delta-BHC     | 4.808 | 4.282 | 206.3E6  | 253.5E6 | 44.359m | 57.841 # |
| 8)                          | B Heptachlo...  | 5.736 | 4.894 | 190.9E6  | 219.5E6 | 47.654  | 56.839   |
| 9)                          | A Endosulfan I  | 6.119 | 5.266 | 183.5E6  | 210.2E6 | 48.316  | 57.420   |
| 10)                         | B gamma-Chl...  | 5.990 | 5.146 | 195.9E6  | 227.9E6 | 48.022  | 56.228   |
| 11)                         | B alpha-Chl...  | 6.071 | 5.211 | 193.7E6  | 222.4E6 | 47.641  | 55.863   |
| 12)                         | B 4,4'-DDE      | 6.238 | 5.396 | 180.9E6  | 222.8E6 | 46.145m | 54.780   |
| 13)                         | MA Dieldrin     | 6.391 | 5.532 | 181.1E6  | 232.8E6 | 46.976  | 57.244   |
| 14)                         | MA Endrin       | 6.618 | 5.806 | 146.7E6  | 200.8E6 | 46.061m | 55.158   |
| 15)                         | B Endosulfa...  | 6.829 | 6.096 | 159.7E6  | 202.1E6 | 50.025m | 56.276   |
| 16)                         | A 4,4'-DDD      | 6.747 | 5.948 | 133.9E6  | 189.4E6 | 47.302m | 57.978   |
| 17)                         | MA 4,4'-DDT     | 7.064 | 6.202 | 133.4E6  | 193.2E6 | 46.819  | 56.231   |
| 18)                         | B Endrin al...  | 6.960 | 6.275 | 113.4E6  | 146.6E6 | 48.851  | 56.099   |
| 19)                         | B Endosulfa...  | 7.193 | 6.498 | 130.8E6  | 182.3E6 | 46.688  | 54.953   |
| 20)                         | A Methoxychlor  | 7.534 | 6.772 | 60523196 | 102.2E6 | 43.382  | 53.583   |
| 21)                         | B Endrin ke...  | 7.675 | 7.004 | 134.3E6  | 210.7E6 | 47.120  | 59.843 # |
| 22)                         | Mirex           | 8.156 | 7.200 | 111.9E6  | 158.7E6 | 47.076  | 55.046   |
| -----                       |                 |       |       |          |         |         |          |

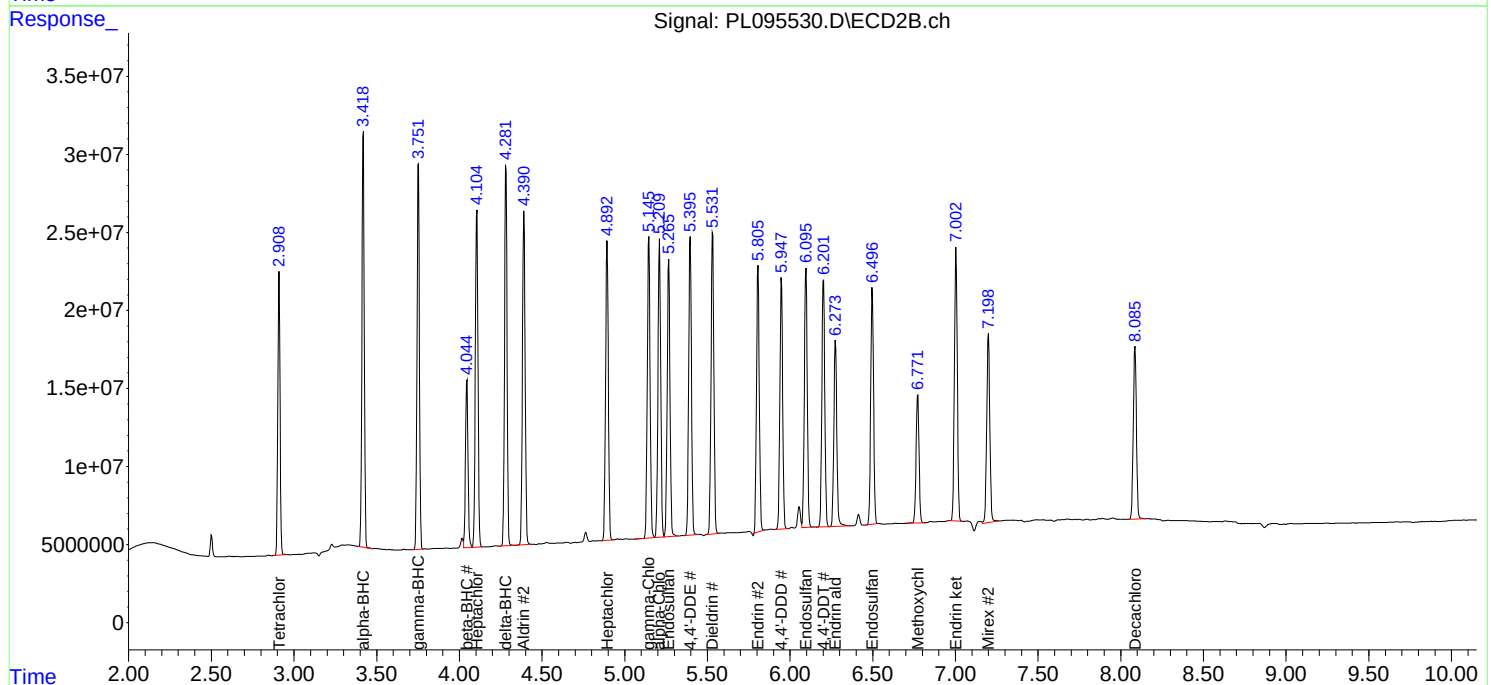
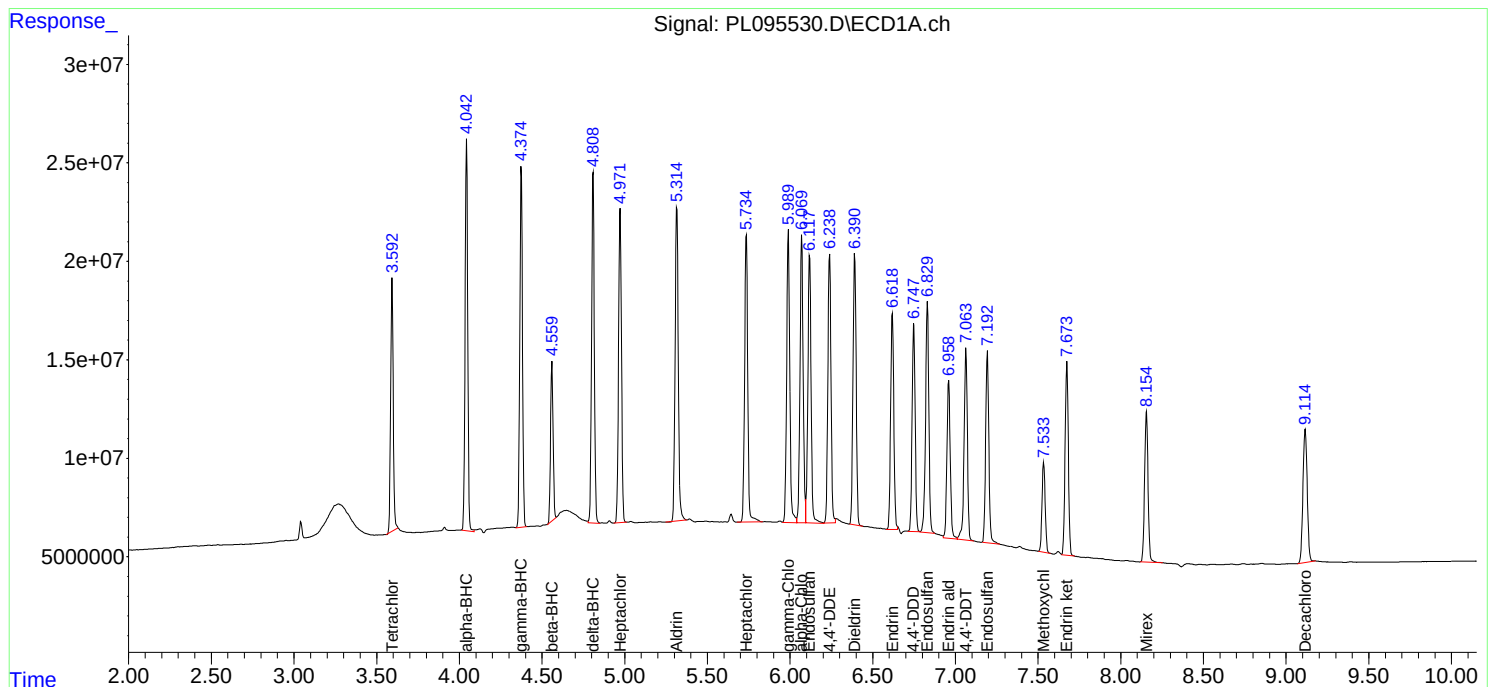
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

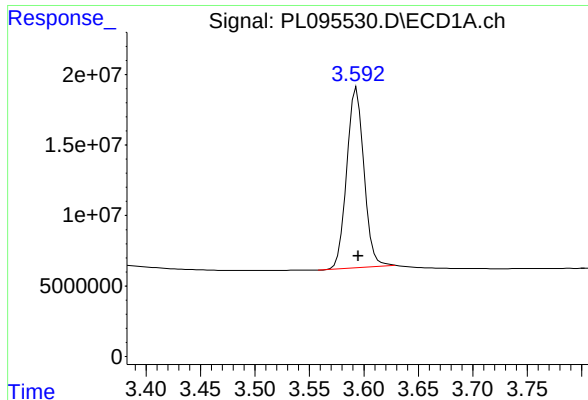
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095530.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 09:35  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:38:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

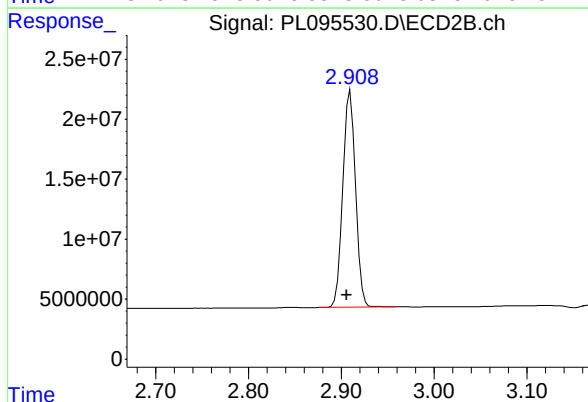




#1 Tetrachloro-m-xylene

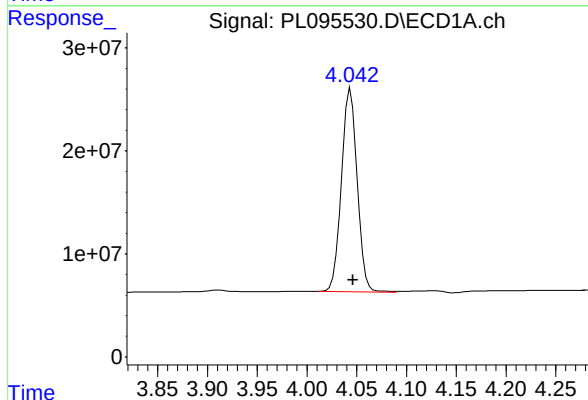
R.T.: 3.593 min  
Delta R.T.: -0.002 min  
Response: 140646200  
Conc: 43.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



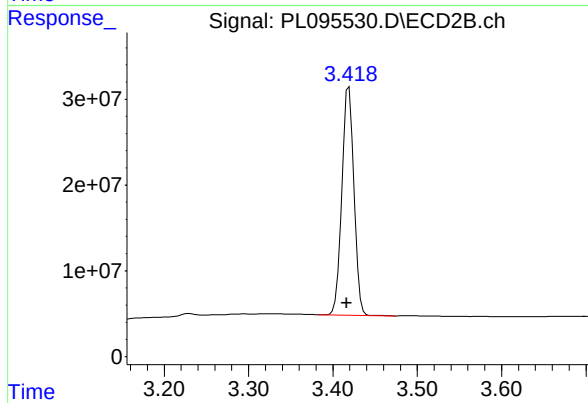
#1 Tetrachloro-m-xylene

R.T.: 2.910 min  
Delta R.T.: 0.004 min  
Response: 172494789  
Conc: 54.25 ng/ml



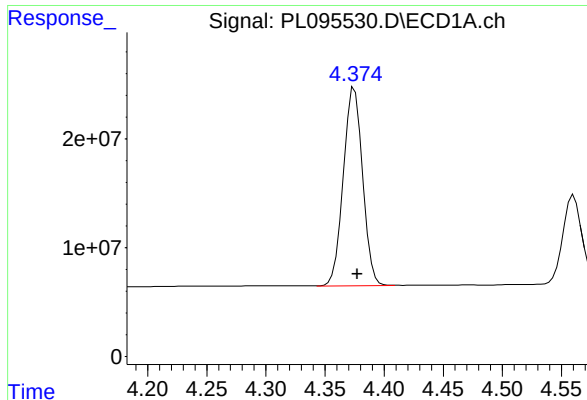
#2 alpha-BHC

R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 217899312  
Conc: 43.99 ng/ml



#2 alpha-BHC

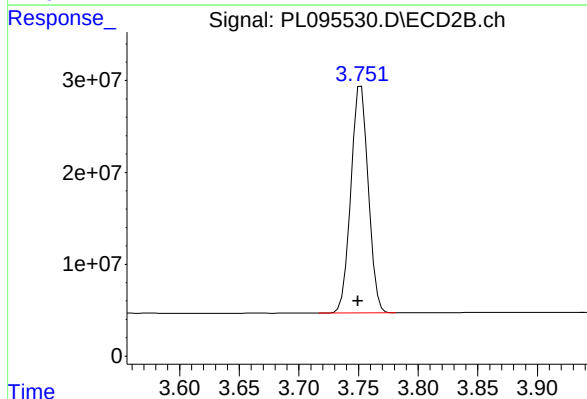
R.T.: 3.419 min  
Delta R.T.: 0.003 min  
Response: 264702098  
Conc: 59.50 ng/ml



#3 gamma-BHC (Lindane)

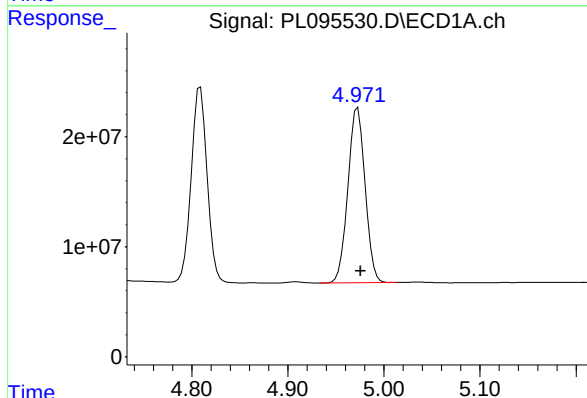
R.T.: 4.374 min  
Delta R.T.: -0.004 min  
Response: 206723265  
Conc: 43.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



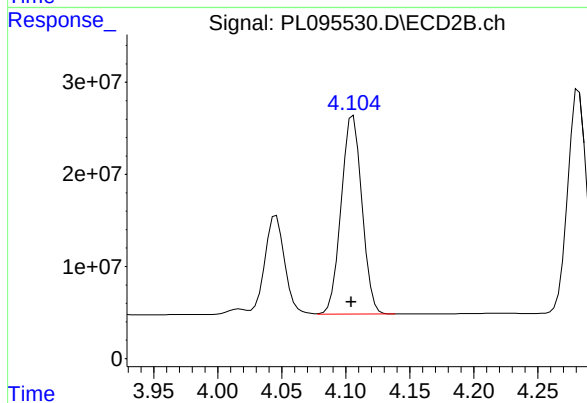
#3 gamma-BHC (Lindane)

R.T.: 3.752 min  
Delta R.T.: 0.002 min  
Response: 251257903  
Conc: 57.13 ng/ml



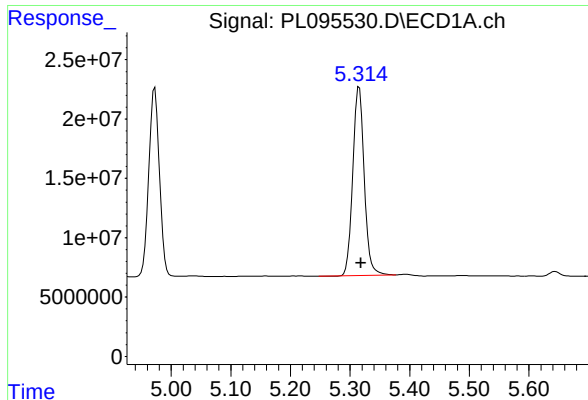
#4 Heptachlor

R.T.: 4.973 min  
Delta R.T.: -0.003 min  
Response: 196987634  
Conc: 43.06 ng/ml



#4 Heptachlor

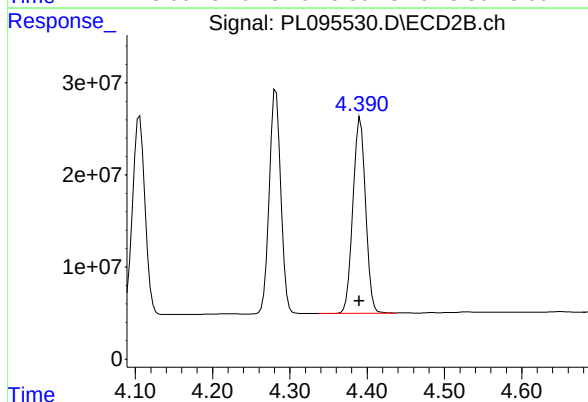
R.T.: 4.106 min  
Delta R.T.: 0.001 min  
Response: 242897344  
Conc: 55.75 ng/ml



#5 Aldrin

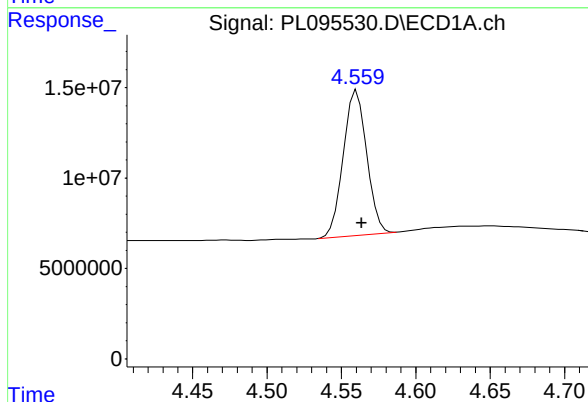
R.T.: 5.315 min  
Delta R.T.: -0.003 min  
Response: 211901465  
Conc: 46.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



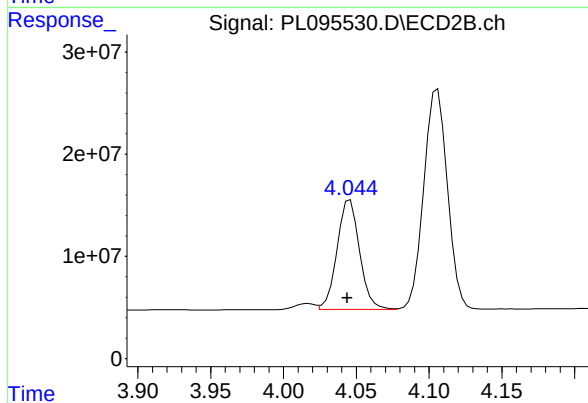
#5 Aldrin

R.T.: 4.391 min  
Delta R.T.: 0.000 min  
Response: 239546221  
Conc: 58.20 ng/ml



#6 beta-BHC

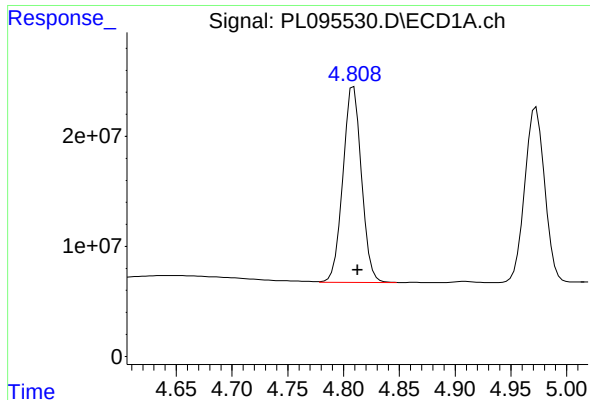
R.T.: 4.560 min  
Delta R.T.: -0.003 min  
Response: 88049620  
Conc: 42.59 ng/ml



#6 beta-BHC

R.T.: 4.046 min  
Delta R.T.: 0.002 min  
Response: 115139438  
Conc: 55.47 ng/ml

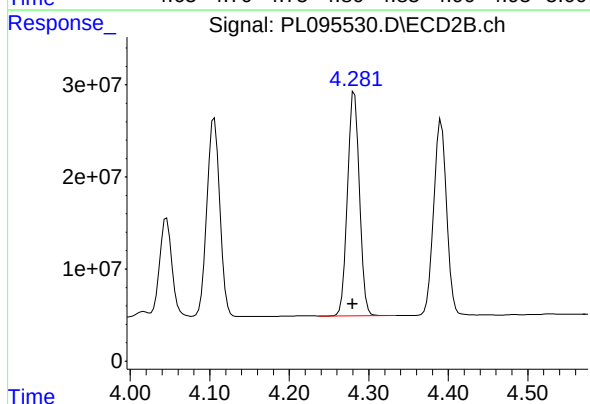




#7 delta-BHC

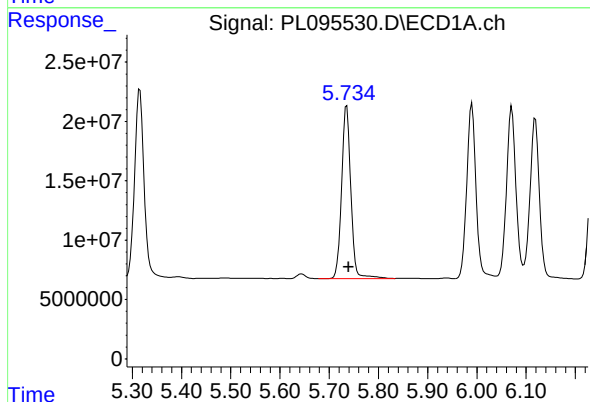
R.T.: 4.808 min  
Delta R.T.: -0.005 min  
Response: 206297411  
Conc: 44.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



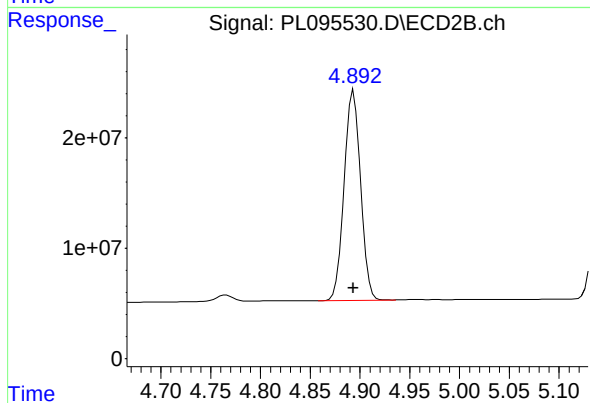
#7 delta-BHC

R.T.: 4.282 min  
Delta R.T.: 0.002 min  
Response: 253455297  
Conc: 57.84 ng/ml



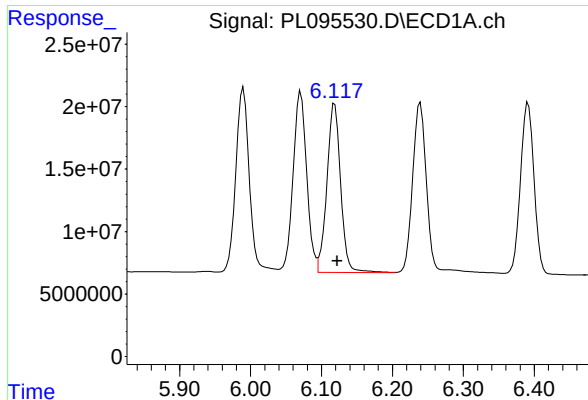
#8 Heptachlor epoxide

R.T.: 5.736 min  
Delta R.T.: -0.003 min  
Response: 190861209  
Conc: 47.65 ng/ml



#8 Heptachlor epoxide

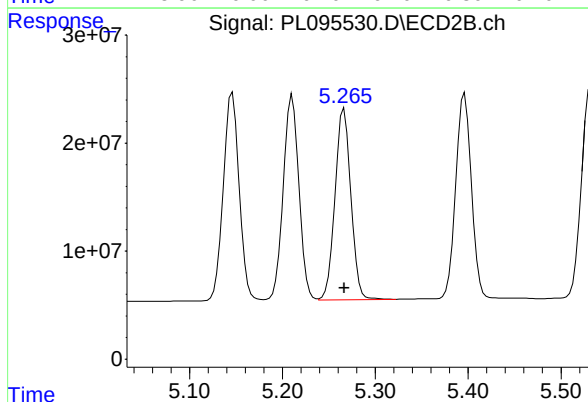
R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 219548420  
Conc: 56.84 ng/ml



## #9 Endosulfan I

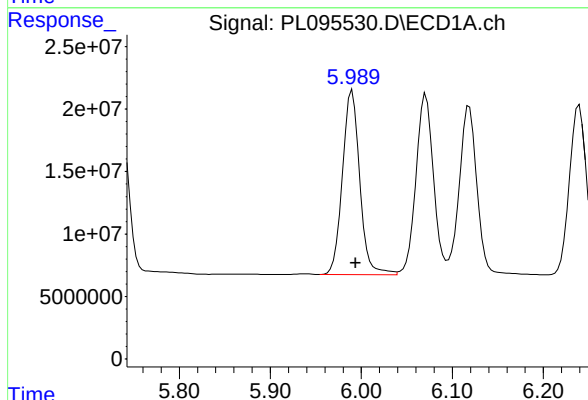
R.T.: 6.119 min  
Delta R.T.: -0.004 min  
Response: 183478787  
Conc: 48.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



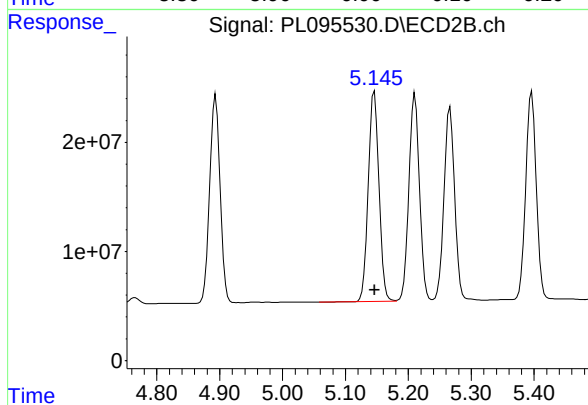
## #9 Endosulfan I

R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 210181067  
Conc: 57.42 ng/ml



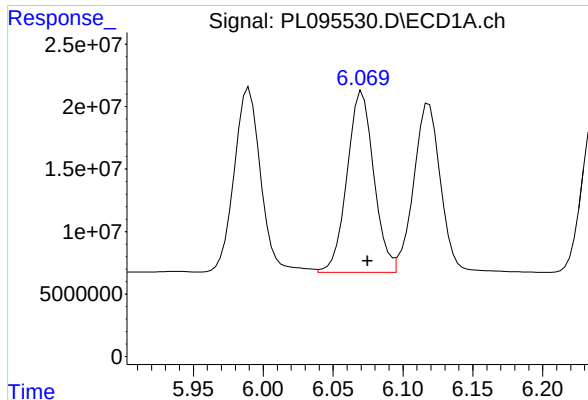
## #10 gamma-Chlordane

R.T.: 5.990 min  
Delta R.T.: -0.004 min  
Response: 195898751  
Conc: 48.02 ng/ml



## #10 gamma-Chlordane

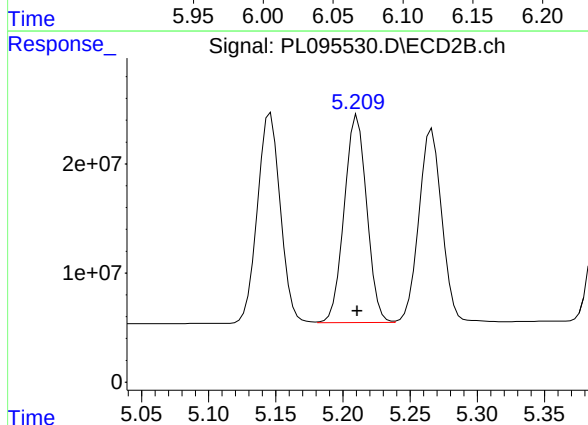
R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 227873977  
Conc: 56.23 ng/ml



#11 alpha-Chlordane

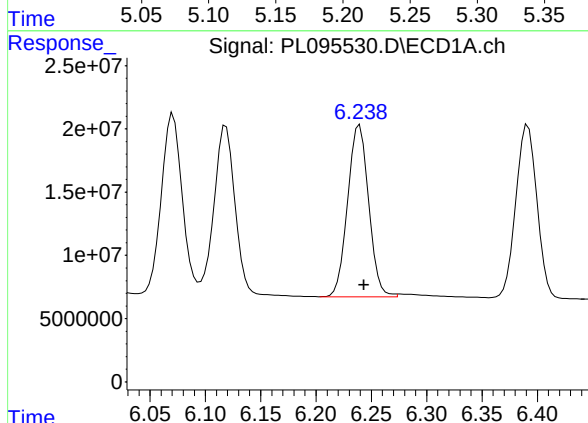
R.T.: 6.071 min  
Delta R.T.: -0.004 min  
Response: 193710998  
Conc: 47.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



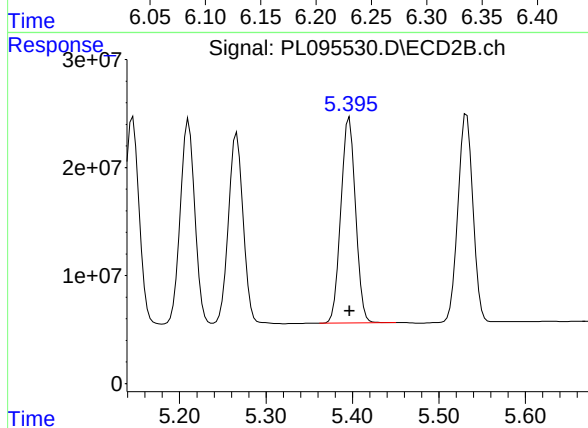
#11 alpha-Chlordane

R.T.: 5.211 min  
Delta R.T.: 0.000 min  
Response: 222394113  
Conc: 55.86 ng/ml



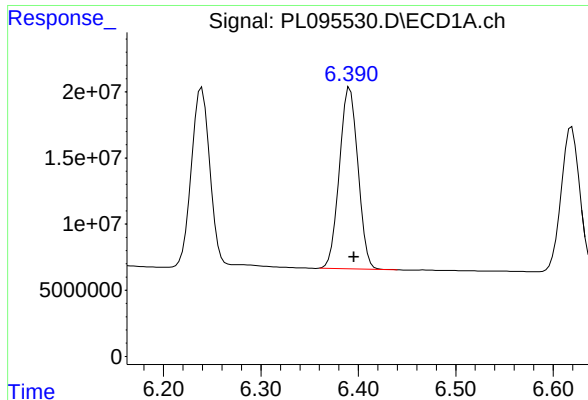
#12 4,4'-DDE

R.T.: 6.238 min  
Delta R.T.: -0.005 min  
Response: 180915543  
Conc: 46.15 ng/ml m



#12 4,4'-DDE

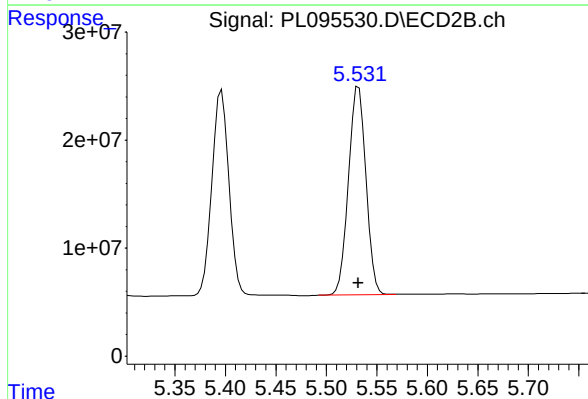
R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 222789853  
Conc: 54.78 ng/ml



#13 Dieldrin

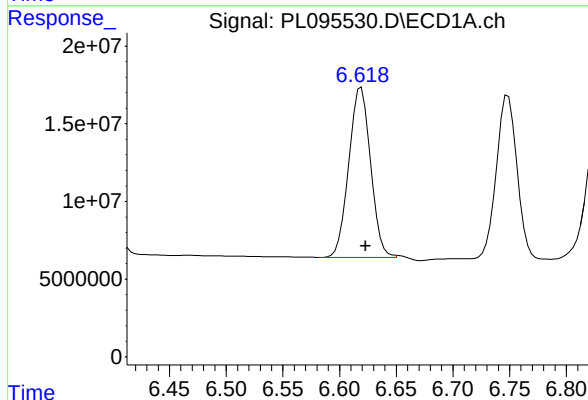
R.T.: 6.391 min  
Delta R.T.: -0.004 min  
Response: 181082966  
Conc: 46.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



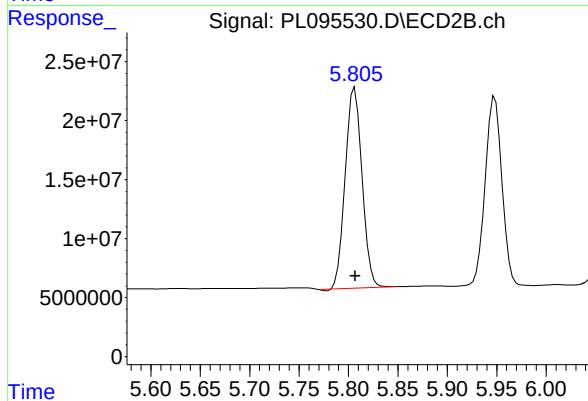
#13 Dieldrin

R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 232814494  
Conc: 57.24 ng/ml



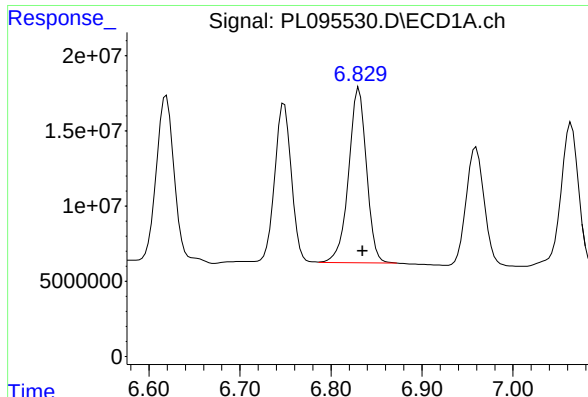
#14 Endrin

R.T.: 6.618 min  
Delta R.T.: -0.005 min  
Response: 146693702  
Conc: 46.06 ng/ml m



#14 Endrin

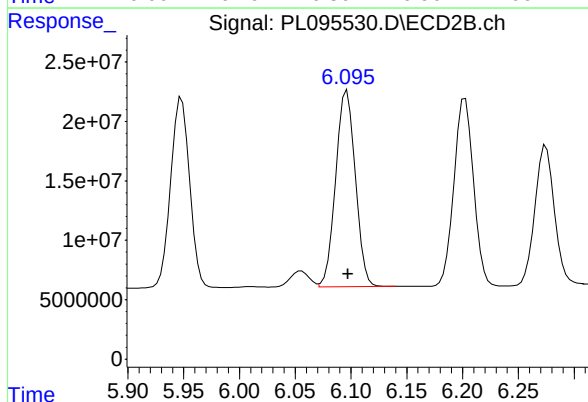
R.T.: 5.806 min  
Delta R.T.: 0.000 min  
Response: 200816364  
Conc: 55.16 ng/ml



## #15 Endosulfan II

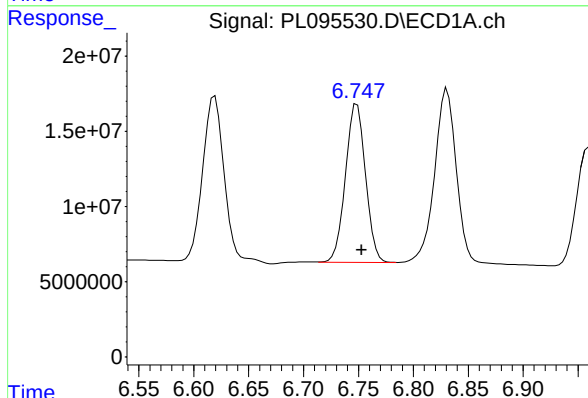
R.T.: 6.829 min  
Delta R.T.: -0.005 min  
Response: 159687386  
Conc: 50.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



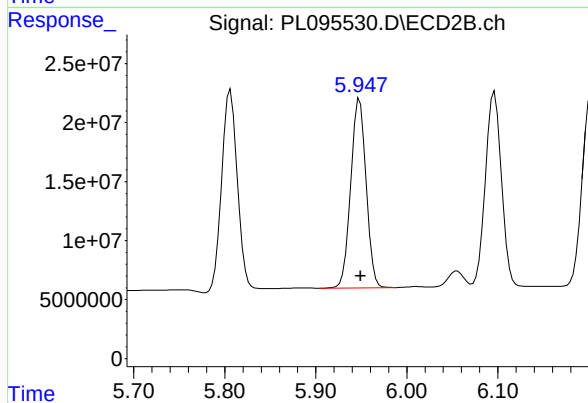
## #15 Endosulfan II

R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 202092007  
Conc: 56.28 ng/ml



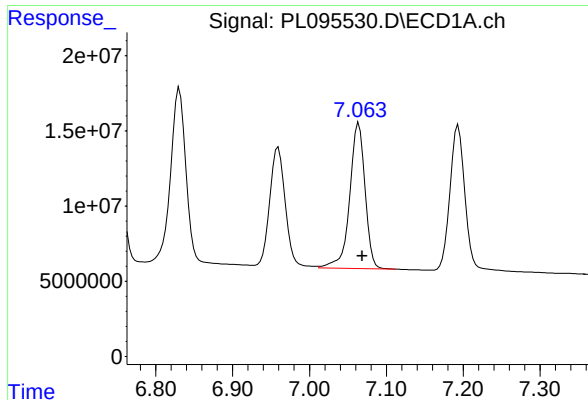
## #16 4,4'-DDD

R.T.: 6.747 min  
Delta R.T.: -0.006 min  
Response: 133909006  
Conc: 47.30 ng/ml m



## #16 4,4'-DDD

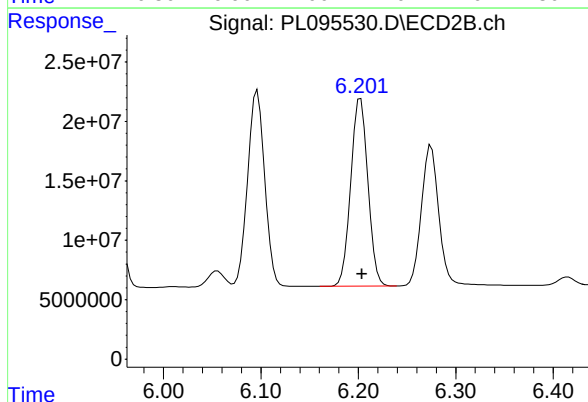
R.T.: 5.948 min  
Delta R.T.: -0.001 min  
Response: 189401761  
Conc: 57.98 ng/ml



#17 4,4'-DDT

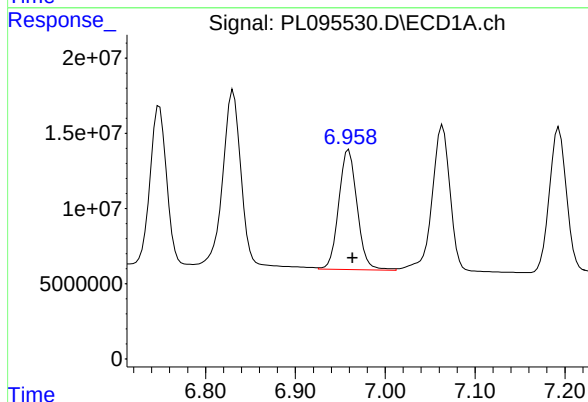
R.T.: 7.064 min  
Delta R.T.: -0.005 min  
Response: 133368521  
Conc: 46.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



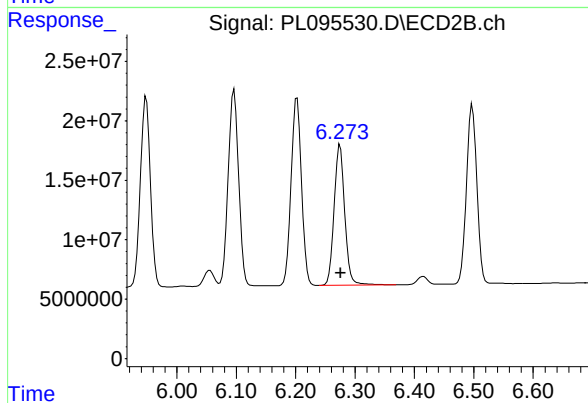
#17 4,4'-DDT

R.T.: 6.202 min  
Delta R.T.: -0.001 min  
Response: 193221103  
Conc: 56.23 ng/ml



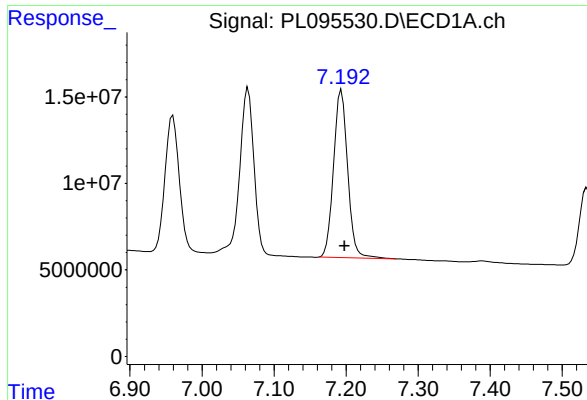
#18 Endrin aldehyde

R.T.: 6.960 min  
Delta R.T.: -0.004 min  
Response: 113372571  
Conc: 48.85 ng/ml



#18 Endrin aldehyde

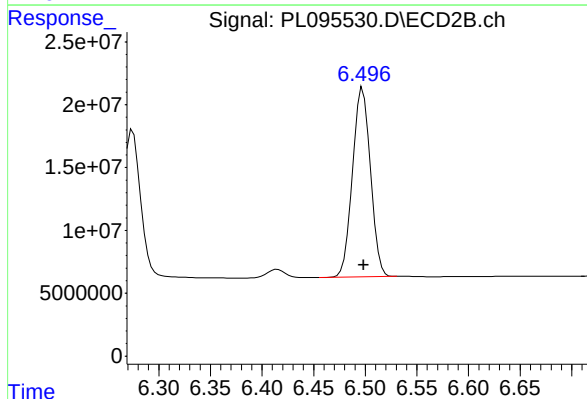
R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 146594822  
Conc: 56.10 ng/ml



## #19 Endosulfan Sulfate

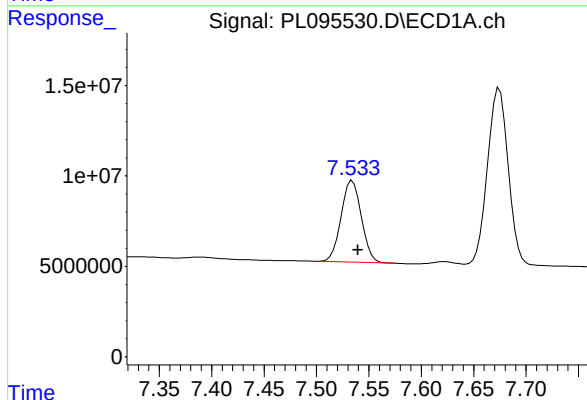
R.T.: 7.193 min  
Delta R.T.: -0.005 min  
Response: 130811428  
Conc: 46.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



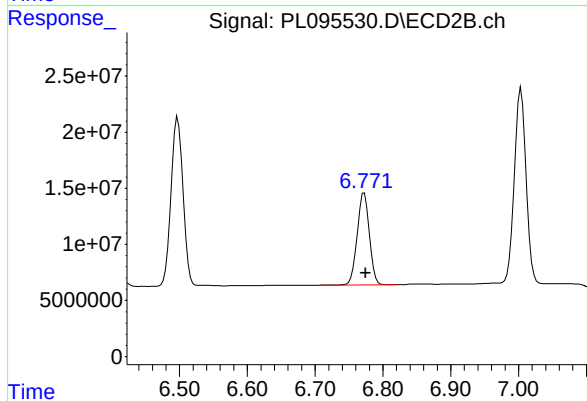
## #19 Endosulfan Sulfate

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 182329631  
Conc: 54.95 ng/ml



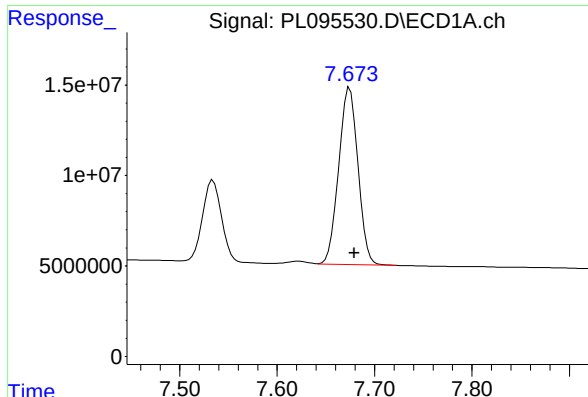
## #20 Methoxychlor

R.T.: 7.534 min  
Delta R.T.: -0.005 min  
Response: 60523196  
Conc: 43.38 ng/ml



## #20 Methoxychlor

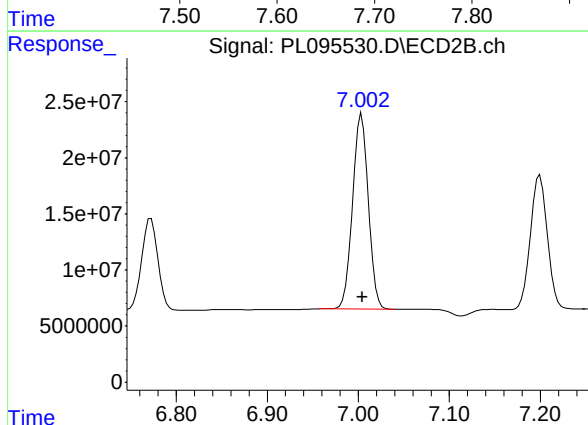
R.T.: 6.772 min  
Delta R.T.: -0.003 min  
Response: 102205968  
Conc: 53.58 ng/ml



#21 Endrin ketone

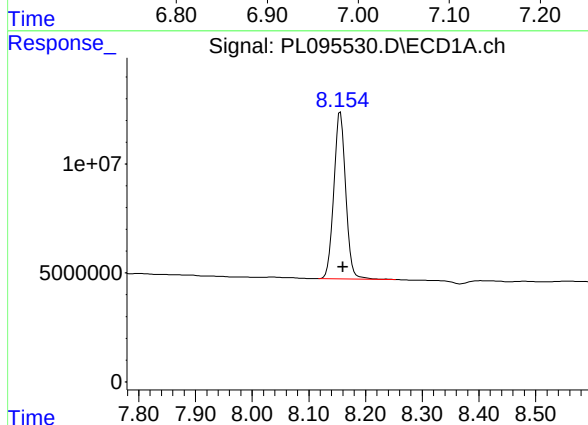
R.T.: 7.675 min  
Delta R.T.: -0.005 min  
Response: 134333902  
Conc: 47.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



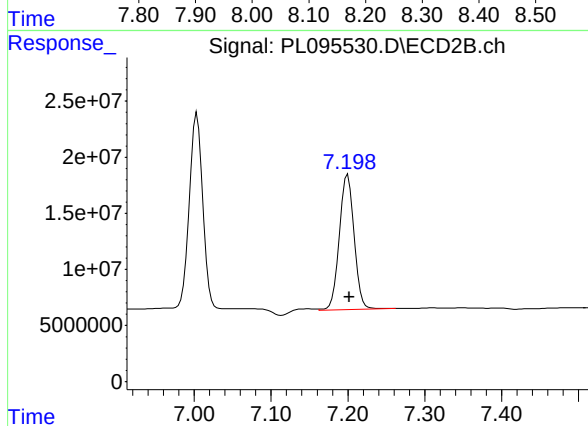
#21 Endrin ketone

R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 210726320  
Conc: 59.84 ng/ml



#22 Mirex

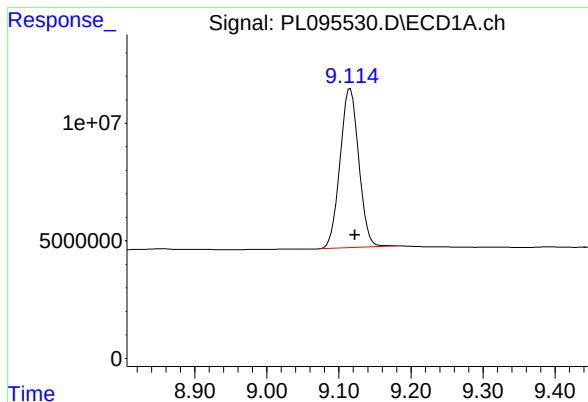
R.T.: 8.156 min  
Delta R.T.: -0.005 min  
Response: 111853445  
Conc: 47.08 ng/ml



#22 Mirex

R.T.: 7.200 min  
Delta R.T.: -0.002 min  
Response: 158663826  
Conc: 55.05 ng/ml





#28 Decachlorobiphenyl

R.T.: 9.116 min

Delta R.T.: -0.007 min

Response: 121657534

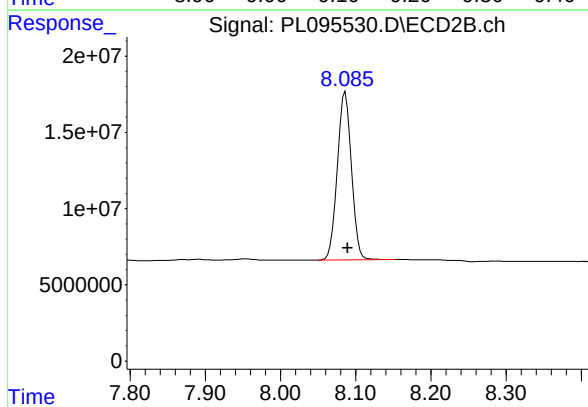
Conc: 43.91 ng/ml

Instrument :

ECD\_L

ClientSampleId :

PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.086 min

Delta R.T.: -0.003 min

Response: 144107963

Conc: 48.70 ng/ml



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

Continuing Calib Date: 05/05/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 18:39 Initial Calibration Time(s): 11:31 12:26

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.12       | 9.12      | 9.02      | 9.22 | 0.00       |
| Tetrachloro-m-xylene | 3.59       | 3.60      | 3.50      | 3.70 | 0.01       |
| alpha-BHC            | 4.04       | 4.05      | 3.95      | 4.15 | 0.01       |
| beta-BHC             | 4.56       | 4.56      | 4.46      | 4.66 | 0.00       |
| delta-BHC            | 4.81       | 4.81      | 4.71      | 4.91 | 0.00       |
| gamma-BHC (Lindane)  | 4.38       | 4.38      | 4.28      | 4.48 | 0.00       |
| Heptachlor           | 4.97       | 4.98      | 4.88      | 5.08 | 0.01       |
| Aldrin               | 5.32       | 5.32      | 5.22      | 5.42 | 0.00       |
| Heptachlor epoxide   | 5.73       | 5.74      | 5.64      | 5.84 | 0.01       |
| Endosulfan I         | 6.12       | 6.12      | 6.02      | 6.22 | 0.00       |
| Dieldrin             | 6.39       | 6.40      | 6.30      | 6.50 | 0.01       |
| 4,4'-DDE             | 6.24       | 6.24      | 6.14      | 6.34 | 0.00       |
| Endrin               | 6.62       | 6.62      | 6.52      | 6.72 | 0.00       |
| Endosulfan II        | 6.83       | 6.84      | 6.74      | 6.94 | 0.01       |
| 4,4'-DDD             | 6.75       | 6.75      | 6.65      | 6.85 | 0.00       |
| Endosulfan sulfate   | 7.19       | 7.20      | 7.10      | 7.30 | 0.01       |
| 4,4'-DDT             | 7.06       | 7.07      | 6.97      | 7.17 | 0.01       |
| Methoxychlor         | 7.54       | 7.54      | 7.44      | 7.64 | 0.01       |
| Endrin ketone        | 7.68       | 7.68      | 7.58      | 7.78 | 0.00       |
| Endrin aldehyde      | 6.96       | 6.96      | 6.86      | 7.06 | 0.00       |
| alpha-Chlordane      | 6.07       | 6.08      | 5.98      | 6.18 | 0.01       |
| gamma-Chlordane      | 5.99       | 5.99      | 5.89      | 6.09 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

Continuing Calib Date: 05/05/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 18:39 Initial Calibration Time(s): 11:31 12:26

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.09       | 8.09      | 7.99      | 8.19 | 0.00       |
| Tetrachloro-m-xylene | 2.91       | 2.91      | 2.81      | 3.01 | 0.00       |
| alpha-BHC            | 3.42       | 3.42      | 3.32      | 3.52 | 0.00       |
| beta-BHC             | 4.05       | 4.04      | 3.94      | 4.14 | -0.01      |
| delta-BHC            | 4.28       | 4.28      | 4.18      | 4.38 | 0.00       |
| gamma-BHC (Lindane)  | 3.75       | 3.75      | 3.65      | 3.85 | 0.00       |
| Heptachlor           | 4.11       | 4.10      | 4.00      | 4.20 | -0.01      |
| Aldrin               | 4.39       | 4.39      | 4.29      | 4.49 | 0.00       |
| Heptachlor epoxide   | 4.89       | 4.89      | 4.79      | 4.99 | 0.00       |
| Endosulfan I         | 5.27       | 5.27      | 5.17      | 5.37 | 0.00       |
| Dieldrin             | 5.53       | 5.53      | 5.43      | 5.63 | 0.00       |
| 4,4'-DDE             | 5.40       | 5.40      | 5.30      | 5.50 | 0.01       |
| Endrin               | 5.81       | 5.81      | 5.71      | 5.91 | 0.01       |
| Endosulfan II        | 6.10       | 6.10      | 6.00      | 6.20 | 0.00       |
| 4,4'-DDD             | 5.95       | 5.95      | 5.85      | 6.05 | 0.00       |
| Endosulfan sulfate   | 6.50       | 6.50      | 6.40      | 6.60 | 0.00       |
| 4,4'-DDT             | 6.20       | 6.20      | 6.10      | 6.30 | 0.00       |
| Methoxychlor         | 6.77       | 6.78      | 6.68      | 6.88 | 0.01       |
| Endrin ketone        | 7.00       | 7.00      | 6.90      | 7.10 | 0.00       |
| Endrin aldehyde      | 6.28       | 6.28      | 6.18      | 6.38 | 0.00       |
| alpha-Chlordane      | 5.21       | 5.21      | 5.11      | 5.31 | 0.00       |
| gamma-Chlordane      | 5.15       | 5.15      | 5.05      | 5.25 | 0.01       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL02 Date Analyzed: 05/05/2025

Lab Sample No.: PSTDCCC050 Data File : PL095547.D Time Analyzed: 18:39

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.747 | 6.653     | 6.853 | 50.200             | 50.000            | 0.4   |
| 4,4'-DDE             | 6.238 | 6.143     | 6.343 | 46.700             | 50.000            | -6.6  |
| 4,4'-DDT             | 7.064 | 6.969     | 7.169 | 51.060             | 50.000            | 2.1   |
| Aldrin               | 5.315 | 5.218     | 5.418 | 45.890             | 50.000            | -8.2  |
| alpha-BHC            | 4.044 | 3.946     | 4.146 | 43.450             | 50.000            | -13.1 |
| alpha-Chlordane      | 6.071 | 5.975     | 6.175 | 49.510             | 50.000            | -1.0  |
| beta-BHC             | 4.561 | 4.464     | 4.664 | 44.160             | 50.000            | -11.7 |
| Decachlorobiphenyl   | 9.116 | 9.022     | 9.222 | 46.810             | 50.000            | -6.4  |
| delta-BHC            | 4.808 | 4.712     | 4.912 | 44.310             | 50.000            | -11.4 |
| Dieldrin             | 6.392 | 6.296     | 6.496 | 46.520             | 50.000            | -7.0  |
| Endosulfan I         | 6.117 | 6.023     | 6.223 | 48.190             | 50.000            | -3.6  |
| Endosulfan II        | 6.830 | 6.735     | 6.935 | 52.220             | 50.000            | 4.4   |
| Endosulfan sulfate   | 7.194 | 7.098     | 7.298 | 48.720             | 50.000            | -2.6  |
| Endrin               | 6.618 | 6.523     | 6.723 | 48.100             | 50.000            | -3.8  |
| Endrin aldehyde      | 6.958 | 6.864     | 7.064 | 49.490             | 50.000            | -1.0  |
| Endrin ketone        | 7.675 | 7.579     | 7.779 | 48.530             | 50.000            | -2.9  |
| gamma-BHC (Lindane)  | 4.375 | 4.277     | 4.477 | 43.530             | 50.000            | -12.9 |
| gamma-Chlordane      | 5.988 | 5.894     | 6.094 | 47.500             | 50.000            | -5.0  |
| Heptachlor           | 4.973 | 4.876     | 5.076 | 44.310             | 50.000            | -11.4 |
| Heptachlor epoxide   | 5.734 | 5.639     | 5.839 | 46.700             | 50.000            | -6.6  |
| Methoxychlor         | 7.535 | 7.440     | 7.640 | 47.950             | 50.000            | -4.1  |
| Tetrachloro-m-xylene | 3.593 | 3.495     | 3.695 | 43.140             | 50.000            | -13.7 |



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### CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL02 Date Analyzed: 05/05/2025

Lab Sample No.: PSTDCCC050 Data File : PL095547.D Time Analyzed: 18:39

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| 4,4'-DDD             | 5.949 | 5.849     | 6.049 | 53.160             | 50.000            | 6.3  |
| 4,4'-DDE             | 5.395 | 5.297     | 5.497 | 51.070             | 50.000            | 2.1  |
| 4,4'-DDT             | 6.202 | 6.104     | 6.304 | 52.940             | 50.000            | 5.9  |
| Aldrin               | 4.390 | 4.290     | 4.490 | 53.920             | 50.000            | 7.8  |
| alpha-BHC            | 3.419 | 3.316     | 3.516 | 55.930             | 50.000            | 11.9 |
| alpha-Chlordane      | 5.211 | 5.111     | 5.311 | 51.420             | 50.000            | 2.8  |
| beta-BHC             | 4.046 | 3.944     | 4.144 | 52.070             | 50.000            | 4.1  |
| Decachlorobiphenyl   | 8.086 | 7.989     | 8.189 | 47.290             | 50.000            | -5.4 |
| delta-BHC            | 4.282 | 4.180     | 4.380 | 54.810             | 50.000            | 9.6  |
| Dieldrin             | 5.532 | 5.432     | 5.632 | 53.840             | 50.000            | 7.7  |
| Endosulfan I         | 5.267 | 5.167     | 5.367 | 51.400             | 50.000            | 2.8  |
| Endosulfan II        | 6.097 | 5.997     | 6.197 | 52.330             | 50.000            | 4.7  |
| Endosulfan sulfate   | 6.497 | 6.398     | 6.598 | 51.230             | 50.000            | 2.5  |
| Endrin               | 5.805 | 5.707     | 5.907 | 53.080             | 50.000            | 6.2  |
| Endrin aldehyde      | 6.275 | 6.175     | 6.375 | 52.930             | 50.000            | 5.9  |
| Endrin ketone        | 7.002 | 6.904     | 7.104 | 55.160             | 50.000            | 10.3 |
| gamma-BHC (Lindane)  | 3.752 | 3.650     | 3.850 | 53.820             | 50.000            | 7.6  |
| gamma-Chlordane      | 5.145 | 5.047     | 5.247 | 51.920             | 50.000            | 3.8  |
| Heptachlor           | 4.106 | 4.004     | 4.204 | 52.900             | 50.000            | 5.8  |
| Heptachlor epoxide   | 4.894 | 4.793     | 4.993 | 52.910             | 50.000            | 5.8  |
| Methoxychlor         | 6.772 | 6.675     | 6.875 | 52.580             | 50.000            | 5.2  |
| Tetrachloro-m-xylene | 2.909 | 2.806     | 3.006 | 51.090             | 50.000            | 2.2  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095547.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 18:39  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:42:50 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|---------|---------|----------|
| -----                       |                 |       |       |          |         |         |          |
| System Monitoring Compounds |                 |       |       |          |         |         |          |
| 1)                          | SA Tetrachlo... | 3.593 | 2.909 | 140.8E6  | 162.4E6 | 43.143  | 51.089   |
| 28)                         | SA Decachlor... | 9.116 | 8.086 | 129.7E6  | 139.9E6 | 46.807  | 47.289   |
| Target Compounds            |                 |       |       |          |         |         |          |
| 2)                          | A alpha-BHC     | 4.044 | 3.419 | 215.2E6  | 248.8E6 | 43.450  | 55.934 # |
| 3)                          | MA gamma-BHC... | 4.375 | 3.752 | 206.1E6  | 236.7E6 | 43.534  | 53.820   |
| 4)                          | MA Heptachlor   | 4.973 | 4.106 | 202.7E6  | 230.5E6 | 44.315  | 52.900   |
| 5)                          | MB Aldrin       | 5.315 | 4.390 | 210.8E6  | 221.9E6 | 45.890  | 53.922m  |
| 6)                          | B beta-BHC      | 4.561 | 4.046 | 91310372 | 108.1E6 | 44.164  | 52.071   |
| 7)                          | B delta-BHC     | 4.808 | 4.282 | 206.1E6  | 240.2E6 | 44.309m | 54.808   |
| 8)                          | B Heptachlo...  | 5.734 | 4.894 | 187.1E6  | 204.4E6 | 46.703m | 52.910   |
| 9)                          | A Endosulfan I  | 6.117 | 5.267 | 183.0E6  | 188.1E6 | 48.191m | 51.396   |
| 10)                         | B gamma-Chl...  | 5.988 | 5.145 | 193.8E6  | 210.4E6 | 47.502m | 51.921m  |
| 11)                         | B alpha-Chl...  | 6.071 | 5.211 | 201.3E6  | 204.7E6 | 49.514  | 51.418   |
| 12)                         | B 4,4'-DDE      | 6.238 | 5.395 | 183.1E6  | 207.7E6 | 46.699m | 51.066m  |
| 13)                         | MA Dieldrin     | 6.392 | 5.532 | 179.3E6  | 219.0E6 | 46.524  | 53.844   |
| 14)                         | MA Endrin       | 6.618 | 5.805 | 153.2E6  | 193.3E6 | 48.100m | 53.081m  |
| 15)                         | B Endosulfa...  | 6.830 | 6.097 | 166.7E6  | 187.9E6 | 52.224m | 52.330   |
| 16)                         | A 4,4'-DDD      | 6.747 | 5.949 | 142.1E6  | 173.7E6 | 50.202m | 53.161   |
| 17)                         | MA 4,4'-DDT     | 7.064 | 6.202 | 145.4E6  | 181.9E6 | 51.057  | 52.942   |
| 18)                         | B Endrin al...  | 6.958 | 6.275 | 114.9E6  | 138.3E6 | 49.493m | 52.933   |
| 19)                         | B Endosulfa...  | 7.194 | 6.497 | 136.5E6  | 170.0E6 | 48.717  | 51.230   |
| 20)                         | A Methoxychlor  | 7.535 | 6.772 | 66901182 | 100.3E6 | 47.953  | 52.578   |
| 21)                         | B Endrin ke...  | 7.675 | 7.002 | 138.4E6  | 194.2E6 | 48.532  | 55.161m  |
| 22)                         | Mirex           | 8.156 | 7.198 | 113.1E6  | 141.3E6 | 47.613  | 49.028m  |
| -----                       |                 |       |       |          |         |         |          |

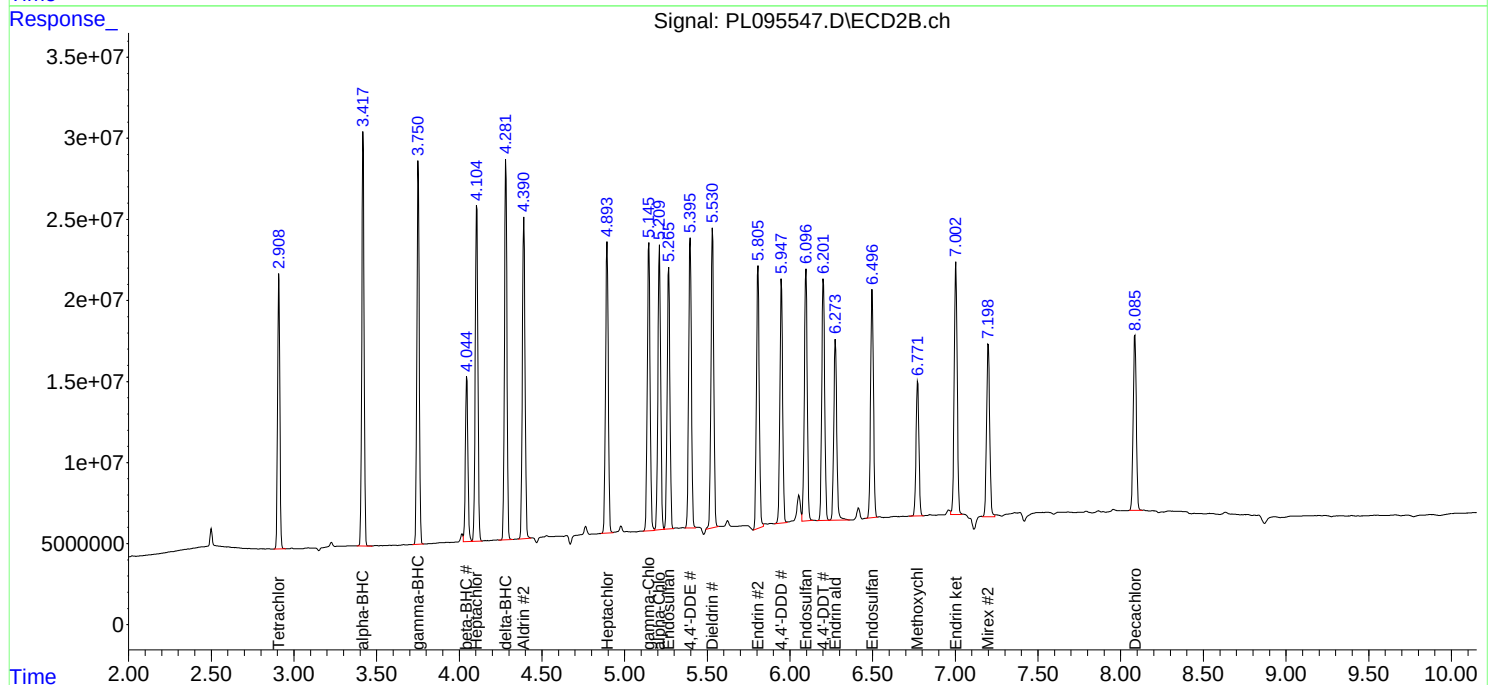
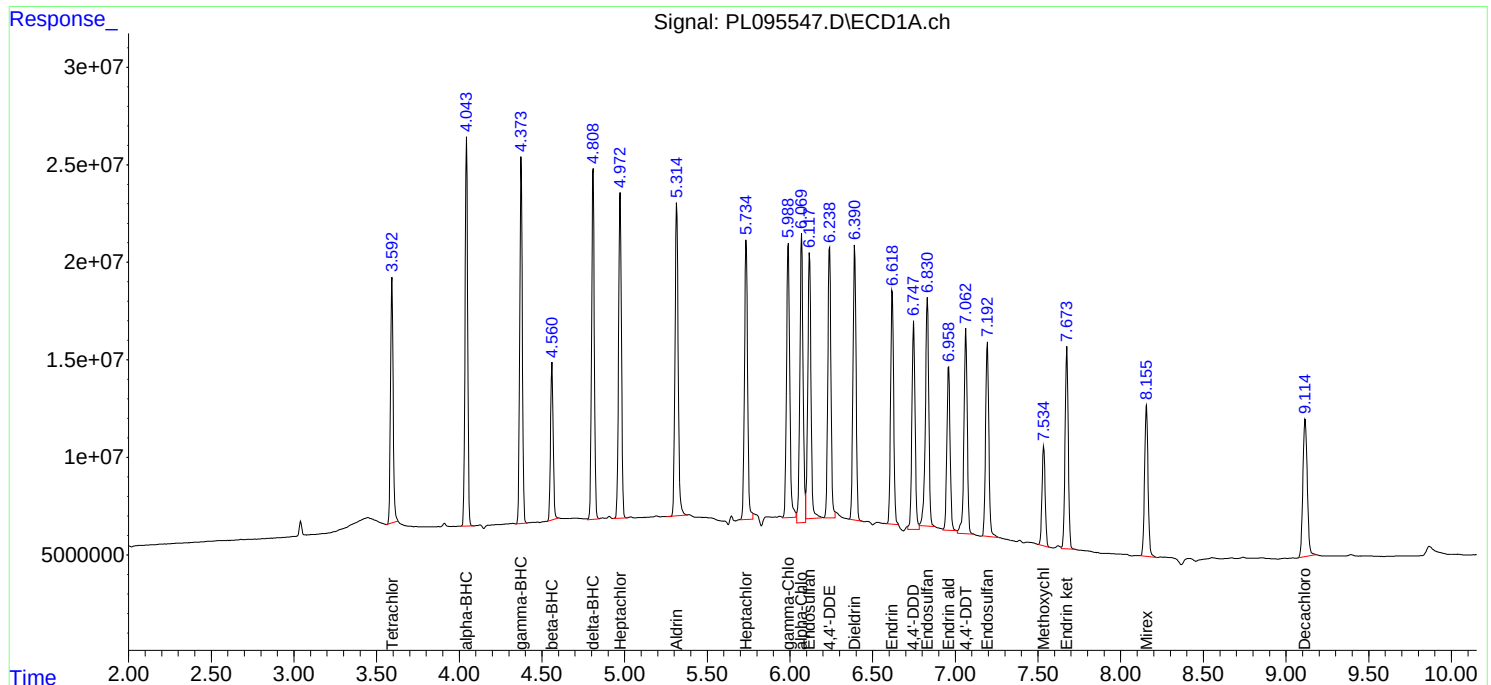
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

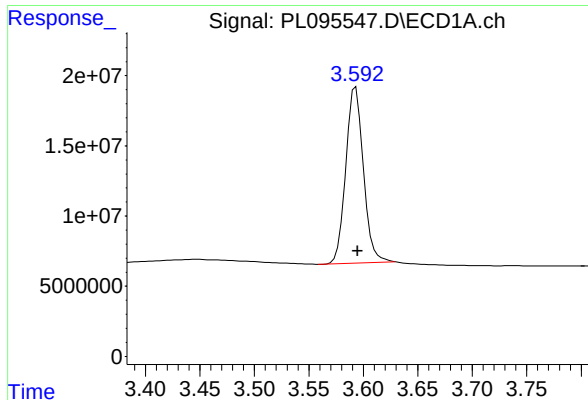
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095547.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 18:39  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:42:50 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

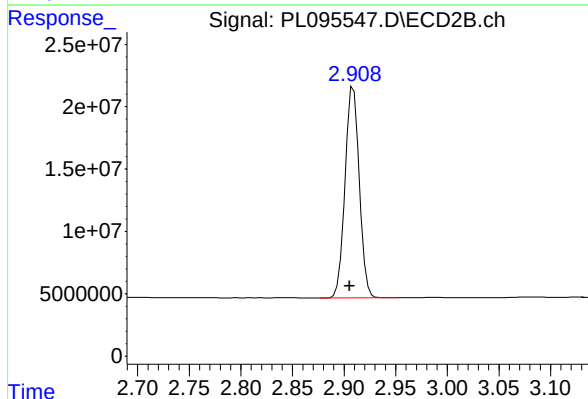




#1 Tetrachloro-m-xylene

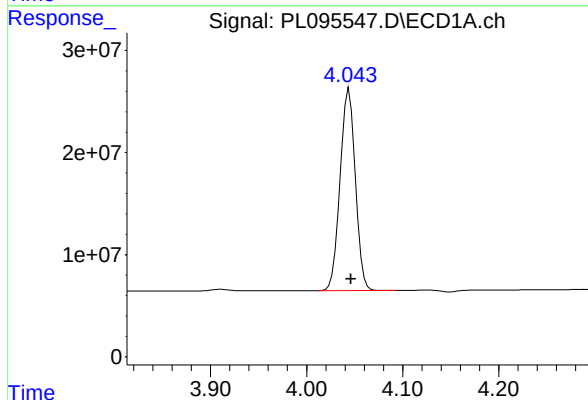
R.T.: 3.593 min  
Delta R.T.: -0.002 min  
Response: 140848877  
Conc: 43.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



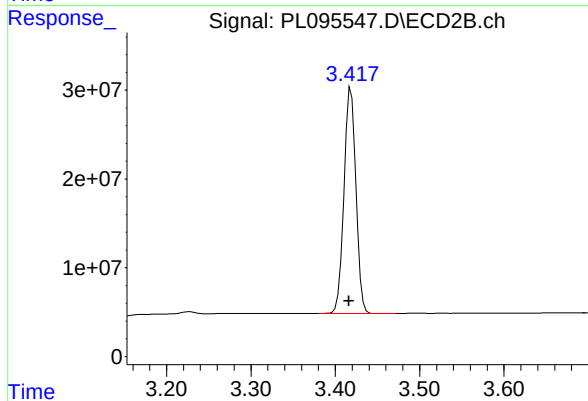
#1 Tetrachloro-m-xylene

R.T.: 2.909 min  
Delta R.T.: 0.003 min  
Response: 162449537  
Conc: 51.09 ng/ml



#2 alpha-BHC

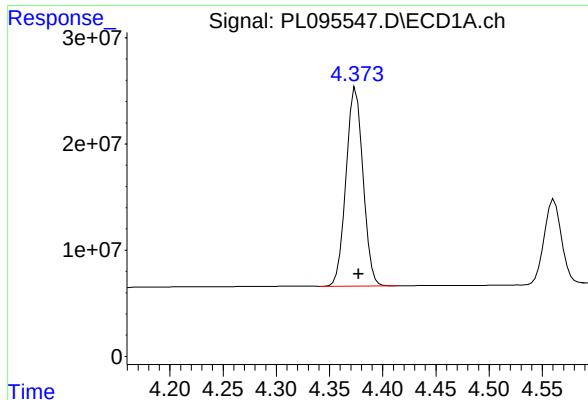
R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 215240593  
Conc: 43.45 ng/ml



#2 alpha-BHC

R.T.: 3.419 min  
Delta R.T.: 0.003 min  
Response: 248834100  
Conc: 55.93 ng/ml

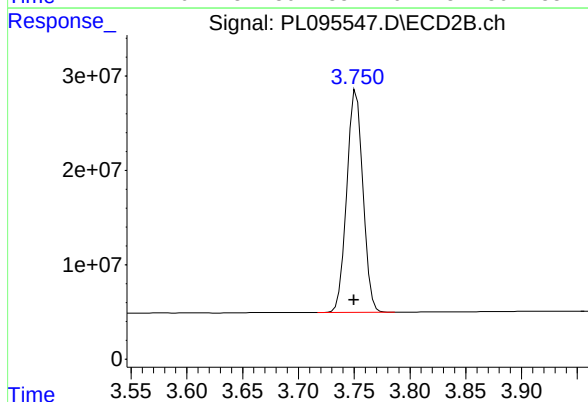




#3 gamma-BHC (Lindane)

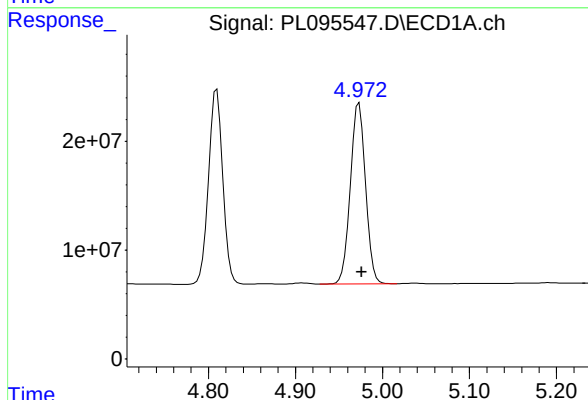
R.T.: 4.375 min  
Delta R.T.: -0.003 min  
Response: 206090357  
Conc: 43.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



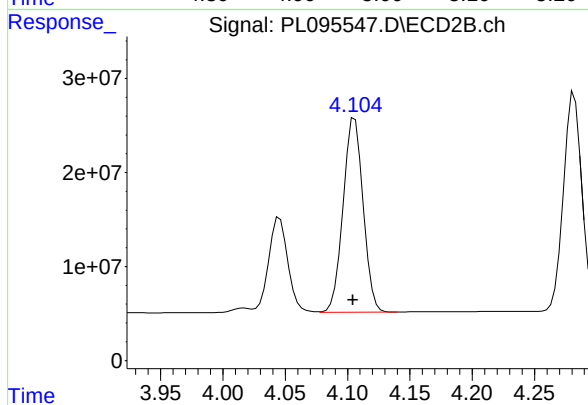
#3 gamma-BHC (Lindane)

R.T.: 3.752 min  
Delta R.T.: 0.002 min  
Response: 236713196  
Conc: 53.82 ng/ml



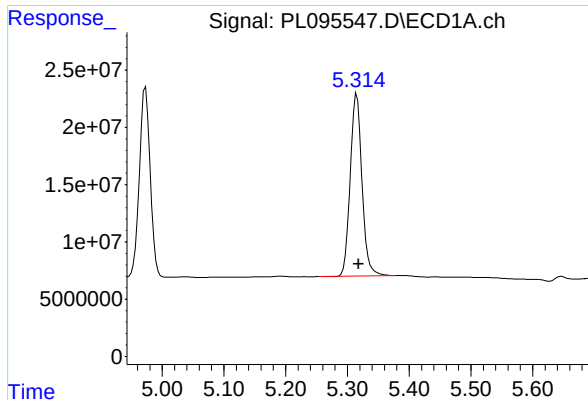
#4 Heptachlor

R.T.: 4.973 min  
Delta R.T.: -0.003 min  
Response: 202717206  
Conc: 44.31 ng/ml



#4 Heptachlor

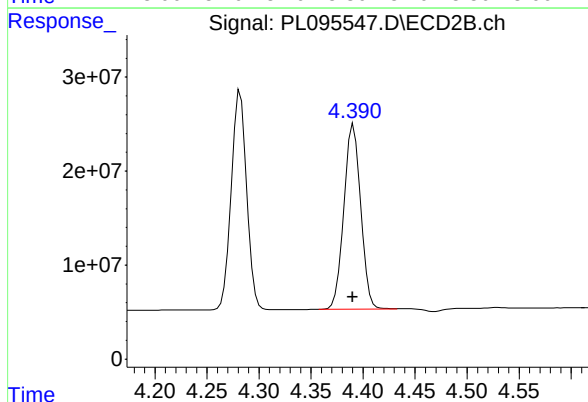
R.T.: 4.106 min  
Delta R.T.: 0.001 min  
Response: 230469835  
Conc: 52.90 ng/ml



#5 Aldrin

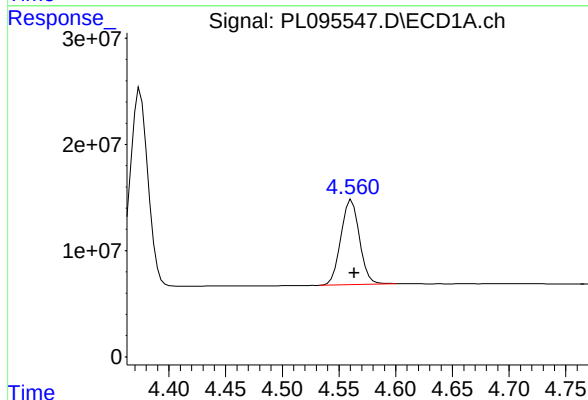
R.T.: 5.315 min  
Delta R.T.: -0.003 min  
Response: 210771844  
Conc: 45.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



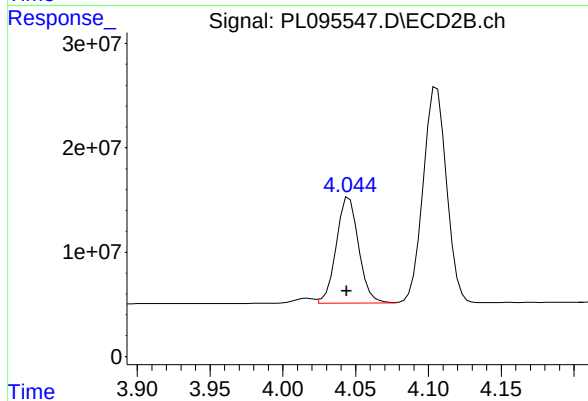
#5 Aldrin

R.T.: 4.390 min  
Delta R.T.: 0.000 min  
Response: 221924230  
Conc: 53.92 ng/ml



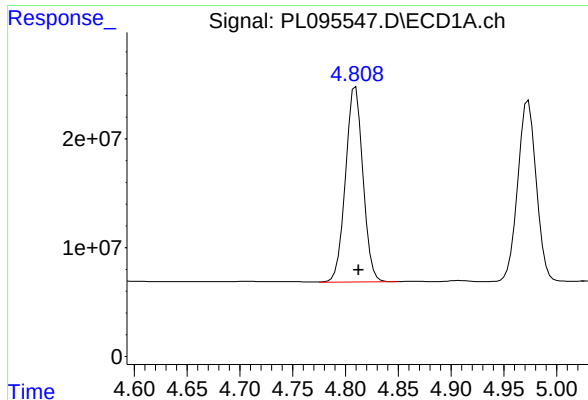
#6 beta-BHC

R.T.: 4.561 min  
Delta R.T.: -0.002 min  
Response: 91310372  
Conc: 44.16 ng/ml



#6 beta-BHC

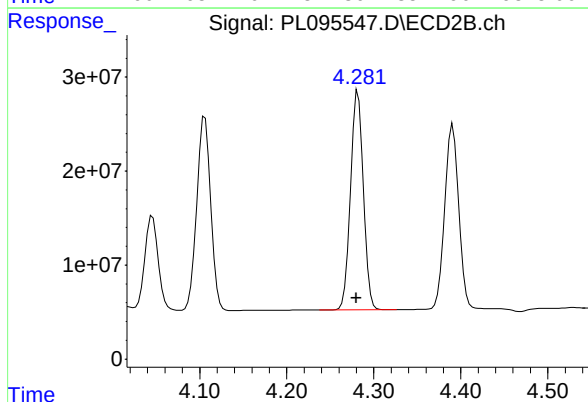
R.T.: 4.046 min  
Delta R.T.: 0.002 min  
Response: 108091844  
Conc: 52.07 ng/ml



#7 delta-BHC

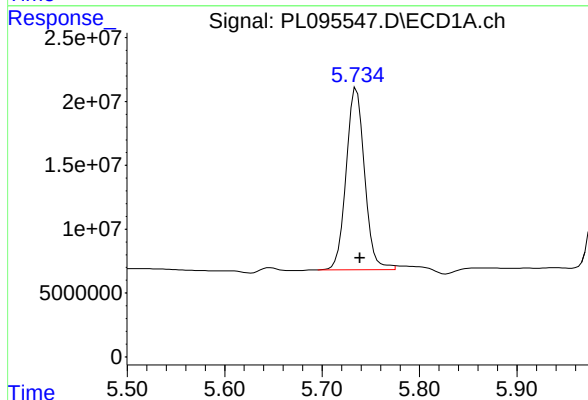
R.T.: 4.808 min  
Delta R.T.: -0.004 min  
Response: 206067757  
Conc: 44.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



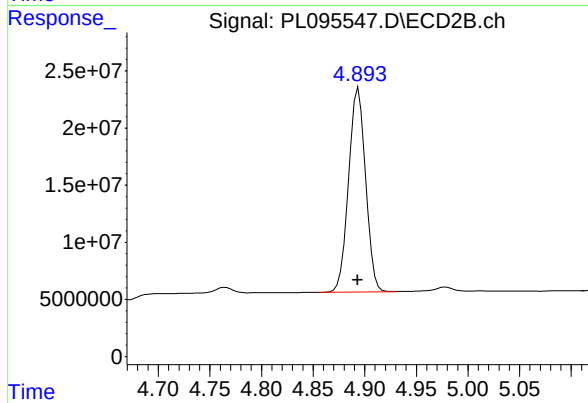
#7 delta-BHC

R.T.: 4.282 min  
Delta R.T.: 0.002 min  
Response: 240167025  
Conc: 54.81 ng/ml



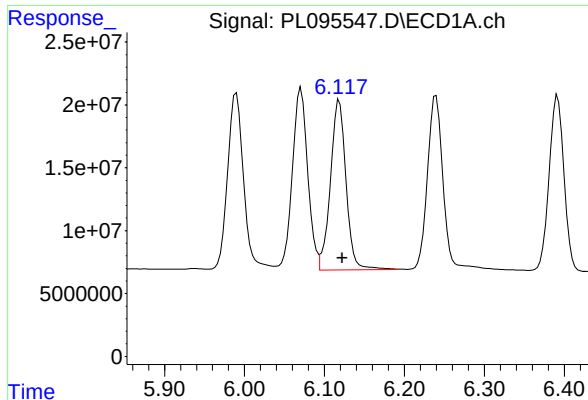
#8 Heptachlor epoxide

R.T.: 5.734 min  
Delta R.T.: -0.005 min  
Response: 187052839  
Conc: 46.70 ng/ml m



#8 Heptachlor epoxide

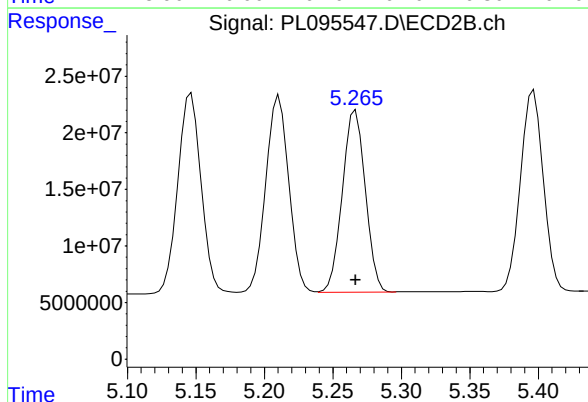
R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 204372468  
Conc: 52.91 ng/ml



## #9 Endosulfan I

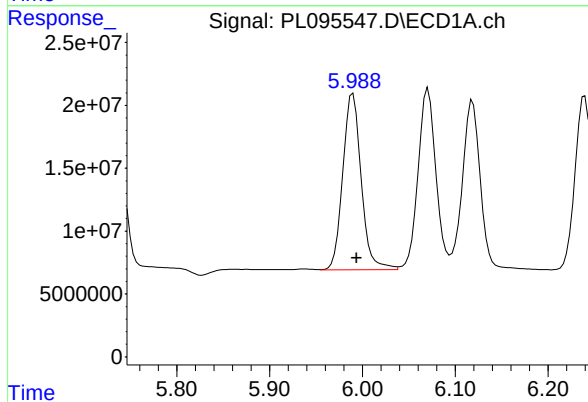
R.T.: 6.117 min  
Delta R.T.: -0.005 min  
Response: 183005801  
Conc: 48.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



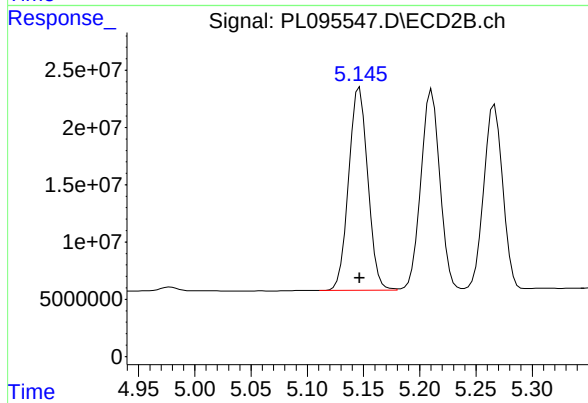
## #9 Endosulfan I

R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 188131045  
Conc: 51.40 ng/ml



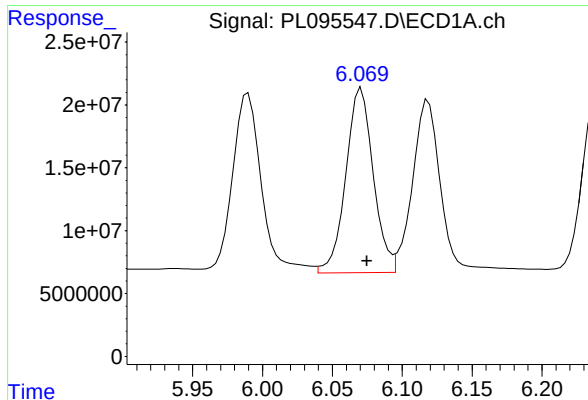
## #10 gamma-Chlordane

R.T.: 5.988 min  
Delta R.T.: -0.005 min  
Response: 193776746  
Conc: 47.50 ng/ml m



## #10 gamma-Chlordane

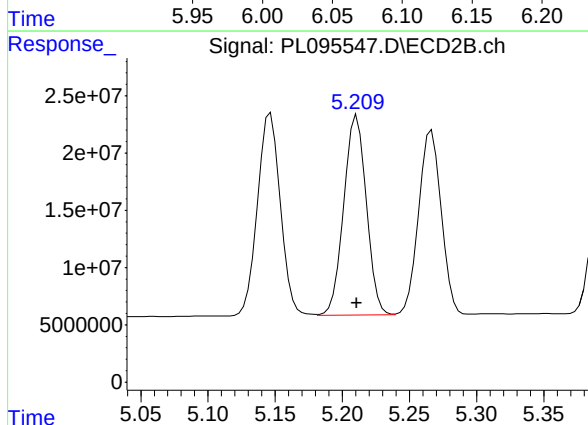
R.T.: 5.145 min  
Delta R.T.: -0.001 min  
Response: 210417369  
Conc: 51.92 ng/ml m



#11 alpha-Chlordane

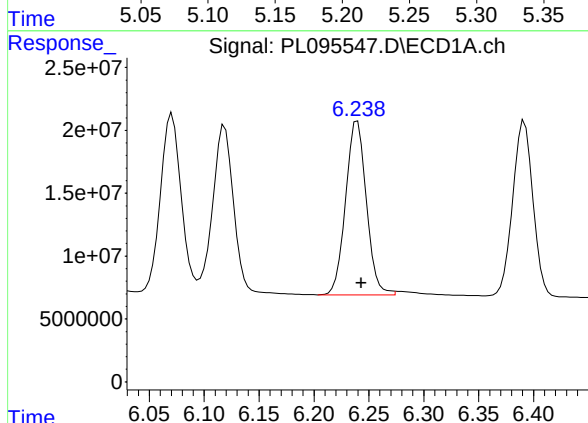
R.T.: 6.071 min  
Delta R.T.: -0.004 min  
Response: 201327528  
Conc: 49.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



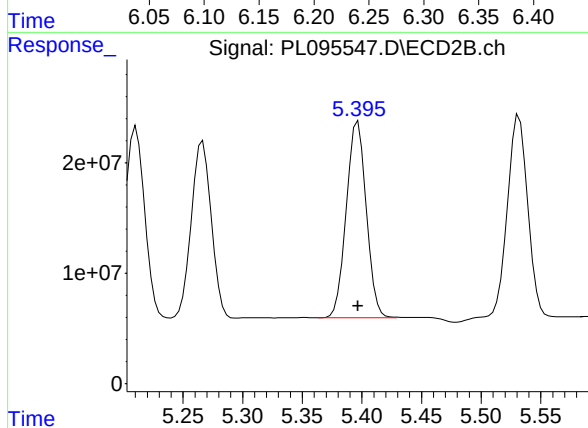
#11 alpha-Chlordane

R.T.: 5.211 min  
Delta R.T.: 0.000 min  
Response: 204699071  
Conc: 51.42 ng/ml



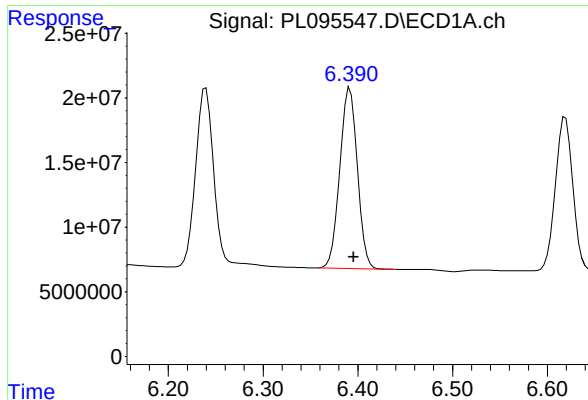
#12 4,4'-DDE

R.T.: 6.238 min  
Delta R.T.: -0.005 min  
Response: 183084996  
Conc: 46.70 ng/ml m



#12 4,4'-DDE

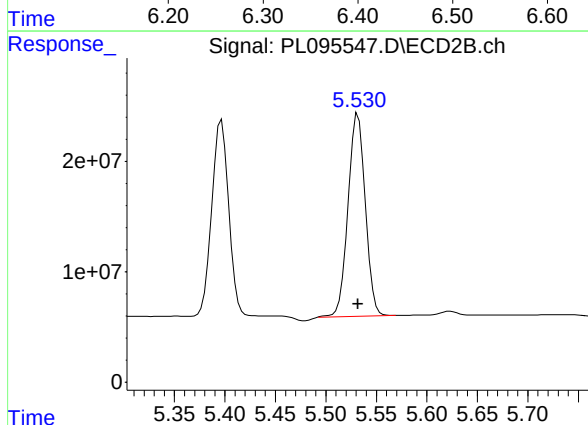
R.T.: 5.395 min  
Delta R.T.: -0.002 min  
Response: 207684793  
Conc: 51.07 ng/ml m



#13 Dieldrin

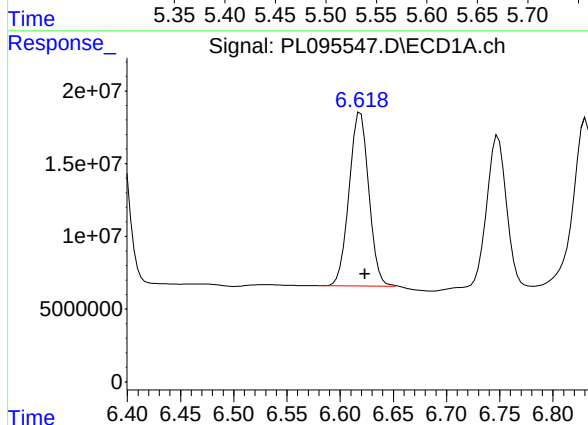
R.T.: 6.392 min  
Delta R.T.: -0.004 min  
Response: 179340037  
Conc: 46.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



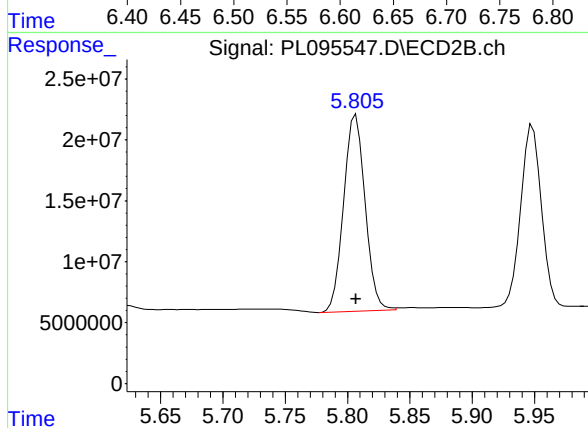
#13 Dieldrin

R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 218986601  
Conc: 53.84 ng/ml



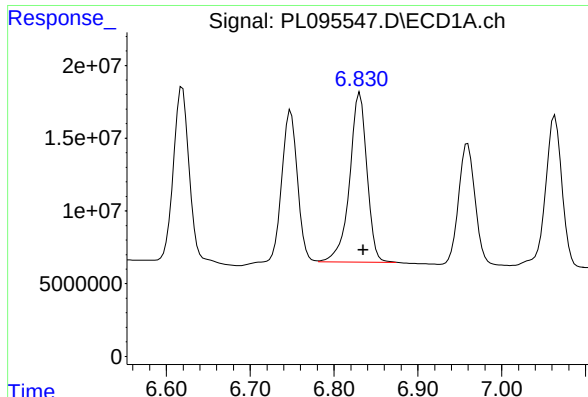
#14 Endrin

R.T.: 6.618 min  
Delta R.T.: -0.005 min  
Response: 153187552  
Conc: 48.10 ng/ml m



#14 Endrin

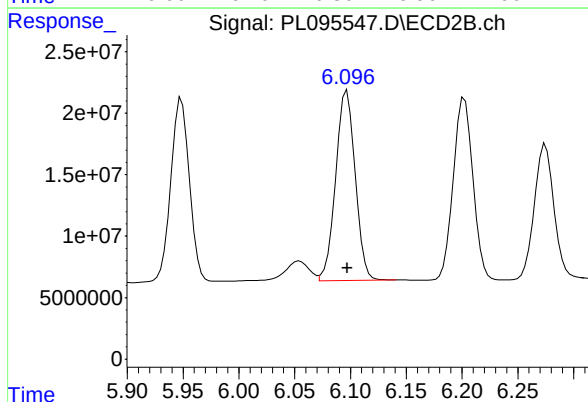
R.T.: 5.805 min  
Delta R.T.: -0.001 min  
Response: 193253633  
Conc: 53.08 ng/ml m



#15 Endosulfan II

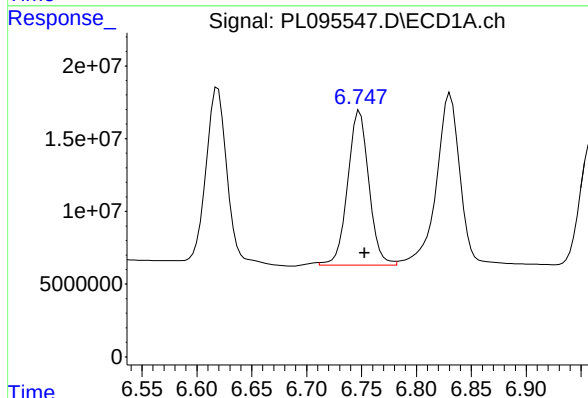
R.T.: 6.830 min  
Delta R.T.: -0.005 min  
Response: 166707528  
Conc: 52.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



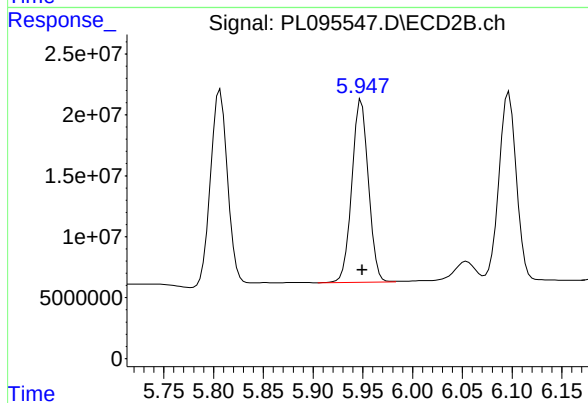
#15 Endosulfan II

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 187921528  
Conc: 52.33 ng/ml



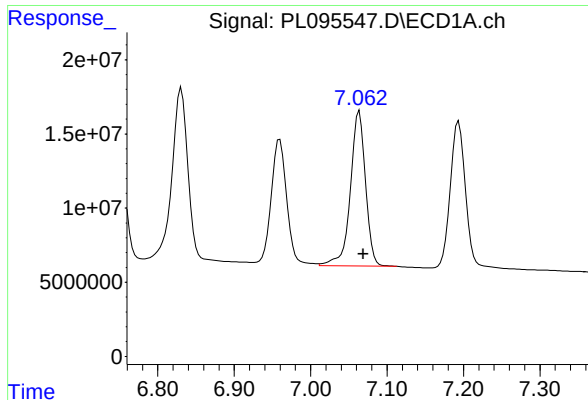
#16 4,4'-DDD

R.T.: 6.747 min  
Delta R.T.: -0.006 min  
Response: 142120497  
Conc: 50.20 ng/ml m



#16 4,4'-DDD

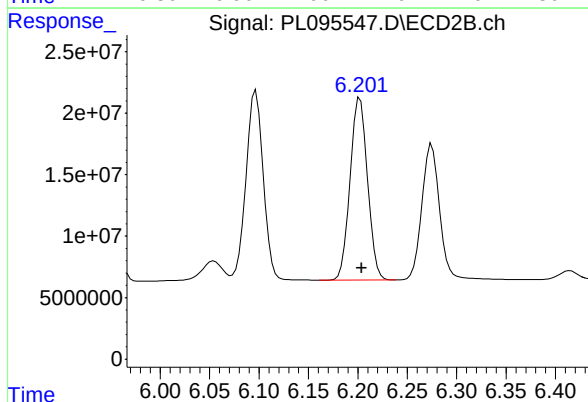
R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 173665047  
Conc: 53.16 ng/ml



#17 4,4'-DDT

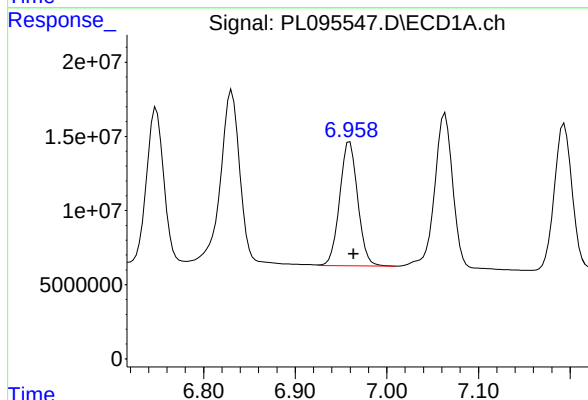
R.T.: 7.064 min  
Delta R.T.: -0.005 min  
Response: 145438658  
Conc: 51.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



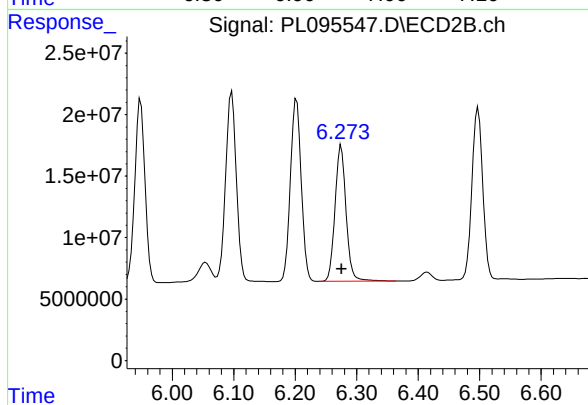
#17 4,4'-DDT

R.T.: 6.202 min  
Delta R.T.: -0.002 min  
Response: 181918319  
Conc: 52.94 ng/ml



#18 Endrin aldehyde

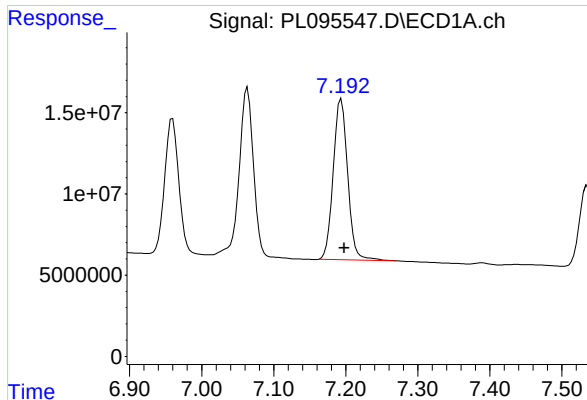
R.T.: 6.958 min  
Delta R.T.: -0.006 min  
Response: 114862427  
Conc: 49.49 ng/ml m



#18 Endrin aldehyde

R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 138322130  
Conc: 52.93 ng/ml

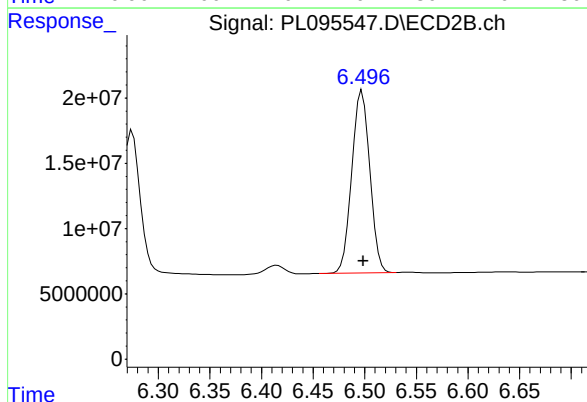




## #19 Endosulfan Sulfate

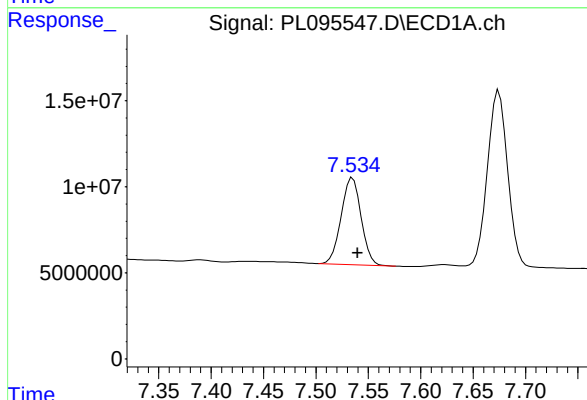
R.T.: 7.194 min  
Delta R.T.: -0.004 min  
Response: 136495378  
Conc: 48.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



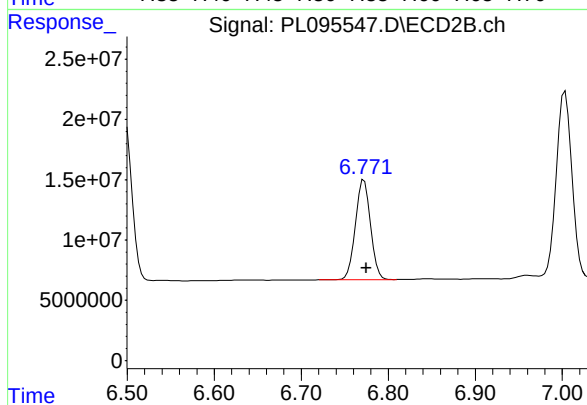
## #19 Endosulfan Sulfate

R.T.: 6.497 min  
Delta R.T.: 0.000 min  
Response: 169978196  
Conc: 51.23 ng/ml



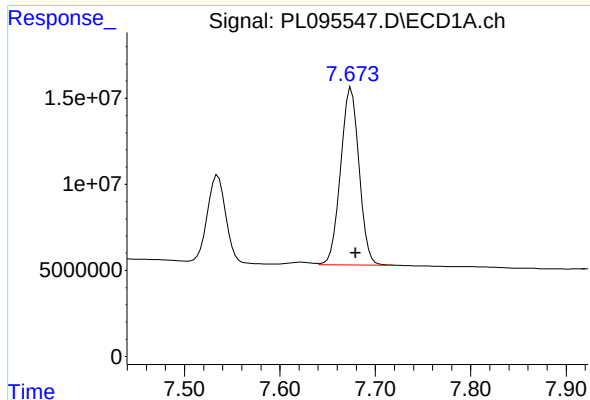
## #20 Methoxychlor

R.T.: 7.535 min  
Delta R.T.: -0.005 min  
Response: 66901182  
Conc: 47.95 ng/ml



## #20 Methoxychlor

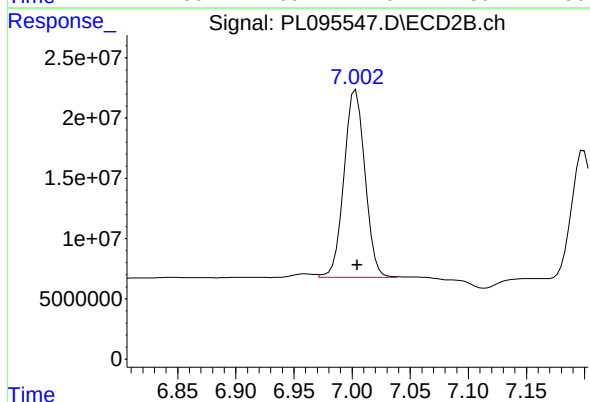
R.T.: 6.772 min  
Delta R.T.: -0.003 min  
Response: 100287966  
Conc: 52.58 ng/ml



#21 Endrin ketone

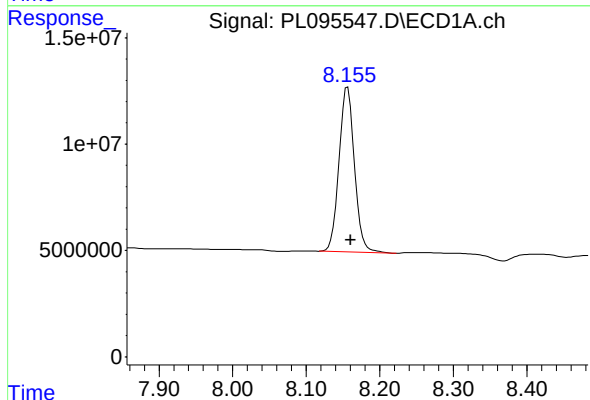
R.T.: 7.675 min  
Delta R.T.: -0.005 min  
Response: 138358687  
Conc: 48.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



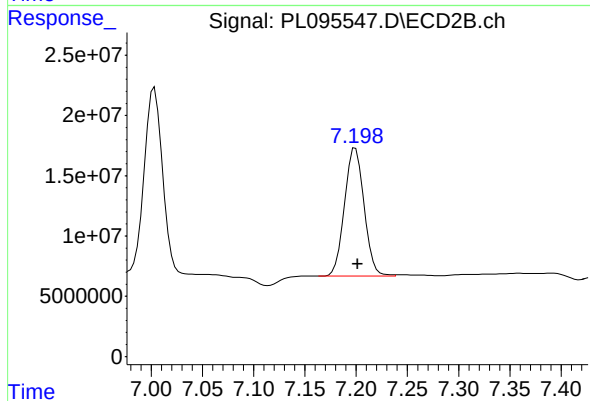
#21 Endrin ketone

R.T.: 7.002 min  
Delta R.T.: -0.003 min  
Response: 194238260  
Conc: 55.16 ng/ml m



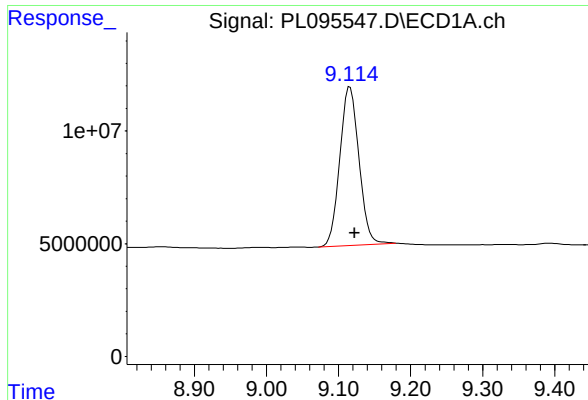
#22 Mirex

R.T.: 8.156 min  
Delta R.T.: -0.005 min  
Response: 113129684  
Conc: 47.61 ng/ml



#22 Mirex

R.T.: 7.198 min  
Delta R.T.: -0.004 min  
Response: 141319763  
Conc: 49.03 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.116 min

Delta R.T.: -0.006 min

Response: 129694062

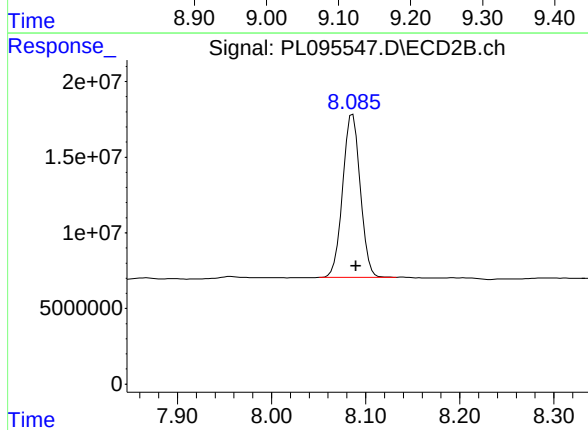
Conc: 46.81 ng/ml

Instrument :

ECD\_L

ClientSampleId :

PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.086 min

Delta R.T.: -0.003 min

Response: 139939962

Conc: 47.29 ng/ml



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### CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

Continuing Calib Date: 05/05/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 21:25 Initial Calibration Time(s): 11:31 12:26

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.11       | 9.12      | 9.02      | 9.22 | 0.01       |
| Tetrachloro-m-xylene | 3.59       | 3.60      | 3.50      | 3.70 | 0.01       |
| alpha-BHC            | 4.04       | 4.05      | 3.95      | 4.15 | 0.01       |
| beta-BHC             | 4.56       | 4.56      | 4.46      | 4.66 | 0.00       |
| delta-BHC            | 4.81       | 4.81      | 4.71      | 4.91 | 0.00       |
| gamma-BHC (Lindane)  | 4.38       | 4.38      | 4.28      | 4.48 | 0.00       |
| Heptachlor           | 4.97       | 4.98      | 4.88      | 5.08 | 0.01       |
| Aldrin               | 5.31       | 5.32      | 5.22      | 5.42 | 0.01       |
| Heptachlor epoxide   | 5.73       | 5.74      | 5.64      | 5.84 | 0.01       |
| Endosulfan I         | 6.12       | 6.12      | 6.02      | 6.22 | 0.00       |
| Dieldrin             | 6.39       | 6.40      | 6.30      | 6.50 | 0.01       |
| 4,4'-DDE             | 6.24       | 6.24      | 6.14      | 6.34 | 0.00       |
| Endrin               | 6.62       | 6.62      | 6.52      | 6.72 | 0.00       |
| Endosulfan II        | 6.83       | 6.84      | 6.74      | 6.94 | 0.01       |
| 4,4'-DDD             | 6.75       | 6.75      | 6.65      | 6.85 | 0.00       |
| Endosulfan sulfate   | 7.19       | 7.20      | 7.10      | 7.30 | 0.01       |
| 4,4'-DDT             | 7.06       | 7.07      | 6.97      | 7.17 | 0.01       |
| Methoxychlor         | 7.53       | 7.54      | 7.44      | 7.64 | 0.01       |
| Endrin ketone        | 7.67       | 7.68      | 7.58      | 7.78 | 0.01       |
| Endrin aldehyde      | 6.96       | 6.96      | 6.86      | 7.06 | 0.00       |
| alpha-Chlordane      | 6.07       | 6.08      | 5.98      | 6.18 | 0.01       |
| gamma-Chlordane      | 5.99       | 5.99      | 5.89      | 6.09 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

Continuing Calib Date: 05/05/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 21:25 Initial Calibration Time(s): 11:31 12:26

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.09       | 8.09      | 7.99      | 8.19 | 0.00       |
| Tetrachloro-m-xylene | 2.91       | 2.91      | 2.81      | 3.01 | 0.00       |
| alpha-BHC            | 3.42       | 3.42      | 3.32      | 3.52 | 0.00       |
| beta-BHC             | 4.05       | 4.04      | 3.94      | 4.14 | -0.01      |
| delta-BHC            | 4.28       | 4.28      | 4.18      | 4.38 | 0.00       |
| gamma-BHC (Lindane)  | 3.75       | 3.75      | 3.65      | 3.85 | 0.00       |
| Heptachlor           | 4.11       | 4.10      | 4.00      | 4.20 | -0.01      |
| Aldrin               | 4.39       | 4.39      | 4.29      | 4.49 | 0.00       |
| Heptachlor epoxide   | 4.89       | 4.89      | 4.79      | 4.99 | 0.00       |
| Endosulfan I         | 5.27       | 5.27      | 5.17      | 5.37 | 0.00       |
| Dieldrin             | 5.53       | 5.53      | 5.43      | 5.63 | 0.00       |
| 4,4'-DDE             | 5.40       | 5.40      | 5.30      | 5.50 | 0.00       |
| Endrin               | 5.81       | 5.81      | 5.71      | 5.91 | 0.00       |
| Endosulfan II        | 6.10       | 6.10      | 6.00      | 6.20 | 0.00       |
| 4,4'-DDD             | 5.95       | 5.95      | 5.85      | 6.05 | 0.00       |
| Endosulfan sulfate   | 6.50       | 6.50      | 6.40      | 6.60 | 0.00       |
| 4,4'-DDT             | 6.20       | 6.20      | 6.10      | 6.30 | 0.00       |
| Methoxychlor         | 6.77       | 6.78      | 6.68      | 6.88 | 0.01       |
| Endrin ketone        | 7.00       | 7.00      | 6.90      | 7.10 | 0.00       |
| Endrin aldehyde      | 6.27       | 6.28      | 6.18      | 6.38 | 0.01       |
| alpha-Chlordane      | 5.21       | 5.21      | 5.11      | 5.31 | 0.00       |
| gamma-Chlordane      | 5.15       | 5.15      | 5.05      | 5.25 | 0.01       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL03 Date Analyzed: 05/05/2025

Lab Sample No.: PSTDCCC050 Data File : PL095558.D Time Analyzed: 21:25

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.747 | 6.653     | 6.853 | 46.030             | 50.000            | -7.9  |
| 4,4'-DDE             | 6.237 | 6.143     | 6.343 | 45.520             | 50.000            | -9.0  |
| 4,4'-DDT             | 7.064 | 6.969     | 7.169 | 44.800             | 50.000            | -10.4 |
| Aldrin               | 5.314 | 5.218     | 5.418 | 46.770             | 50.000            | -6.5  |
| alpha-BHC            | 4.044 | 3.946     | 4.146 | 45.060             | 50.000            | -9.9  |
| alpha-Chlordane      | 6.069 | 5.975     | 6.175 | 47.410             | 50.000            | -5.2  |
| beta-BHC             | 4.560 | 4.464     | 4.664 | 45.480             | 50.000            | -9.0  |
| Decachlorobiphenyl   | 9.114 | 9.022     | 9.222 | 44.000             | 50.000            | -12.0 |
| delta-BHC            | 4.807 | 4.712     | 4.912 | 45.470             | 50.000            | -9.1  |
| Dieldrin             | 6.391 | 6.296     | 6.496 | 44.820             | 50.000            | -10.4 |
| Endosulfan I         | 6.117 | 6.023     | 6.223 | 45.470             | 50.000            | -9.1  |
| Endosulfan II        | 6.829 | 6.735     | 6.935 | 47.920             | 50.000            | -4.2  |
| Endosulfan sulfate   | 7.193 | 7.098     | 7.298 | 45.660             | 50.000            | -8.7  |
| Endrin               | 6.617 | 6.523     | 6.723 | 45.440             | 50.000            | -9.1  |
| Endrin aldehyde      | 6.958 | 6.864     | 7.064 | 44.090             | 50.000            | -11.8 |
| Endrin ketone        | 7.674 | 7.579     | 7.779 | 43.610             | 50.000            | -12.8 |
| gamma-BHC (Lindane)  | 4.375 | 4.277     | 4.477 | 44.640             | 50.000            | -10.7 |
| gamma-Chlordane      | 5.988 | 5.894     | 6.094 | 46.430             | 50.000            | -7.1  |
| Heptachlor           | 4.972 | 4.876     | 5.076 | 43.060             | 50.000            | -13.9 |
| Heptachlor epoxide   | 5.733 | 5.639     | 5.839 | 45.970             | 50.000            | -8.1  |
| Methoxychlor         | 7.534 | 7.440     | 7.640 | 42.550             | 50.000            | -14.9 |
| Tetrachloro-m-xylene | 3.593 | 3.495     | 3.695 | 45.840             | 50.000            | -8.3  |



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### CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL03 Date Analyzed: 05/05/2025

Lab Sample No.: PSTDCCC050 Data File : PL095558.D Time Analyzed: 21:25

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.949 | 5.849     | 6.049 | 53.800             | 50.000            | 7.6   |
| 4,4'-DDE             | 5.396 | 5.297     | 5.497 | 51.790             | 50.000            | 3.6   |
| 4,4'-DDT             | 6.202 | 6.104     | 6.304 | 49.960             | 50.000            | -0.1  |
| Aldrin               | 4.389 | 4.290     | 4.490 | 56.060             | 50.000            | 12.1  |
| alpha-BHC            | 3.419 | 3.316     | 3.516 | 59.000             | 50.000            | 18.0  |
| alpha-Chlordane      | 5.210 | 5.111     | 5.311 | 52.330             | 50.000            | 4.7   |
| beta-BHC             | 4.046 | 3.944     | 4.144 | 54.760             | 50.000            | 9.5   |
| Decachlorobiphenyl   | 8.085 | 7.989     | 8.189 | 44.200             | 50.000            | -11.6 |
| delta-BHC            | 4.282 | 4.180     | 4.380 | 57.440             | 50.000            | 14.9  |
| Dieldrin             | 5.532 | 5.432     | 5.632 | 54.680             | 50.000            | 9.4   |
| Endosulfan I         | 5.266 | 5.167     | 5.367 | 51.640             | 50.000            | 3.3   |
| Endosulfan II        | 6.097 | 5.997     | 6.197 | 51.800             | 50.000            | 3.6   |
| Endosulfan sulfate   | 6.498 | 6.398     | 6.598 | 49.440             | 50.000            | -1.1  |
| Endrin               | 5.807 | 5.707     | 5.907 | 53.840             | 50.000            | 7.7   |
| Endrin aldehyde      | 6.274 | 6.175     | 6.375 | 49.920             | 50.000            | -0.2  |
| Endrin ketone        | 7.004 | 6.904     | 7.104 | 52.030             | 50.000            | 4.1   |
| gamma-BHC (Lindane)  | 3.752 | 3.650     | 3.850 | 56.500             | 50.000            | 13.0  |
| gamma-Chlordane      | 5.145 | 5.047     | 5.247 | 53.240             | 50.000            | 6.5   |
| Heptachlor           | 4.105 | 4.004     | 4.204 | 52.640             | 50.000            | 5.3   |
| Heptachlor epoxide   | 4.893 | 4.793     | 4.993 | 54.010             | 50.000            | 8.0   |
| Methoxychlor         | 6.772 | 6.675     | 6.875 | 46.840             | 50.000            | -6.3  |
| Tetrachloro-m-xylene | 2.909 | 2.806     | 3.006 | 53.760             | 50.000            | 7.5   |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095558.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 21:25  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:45:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|----------|
| -----                       |                 |       |       |          |          |         |          |
| System Monitoring Compounds |                 |       |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.593 | 2.909 | 149.7E6  | 170.9E6  | 45.843  | 53.762   |
| 28)                         | SA Decachlor... | 9.114 | 8.085 | 121.9E6  | 130.8E6  | 44.002  | 44.205   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.044 | 3.419 | 223.2E6  | 262.5E6  | 45.059  | 58.997 # |
| 3)                          | MA gamma-BHC... | 4.375 | 3.752 | 211.3E6  | 248.5E6  | 44.638  | 56.501 # |
| 4)                          | MA Heptachlor   | 4.972 | 4.105 | 197.0E6  | 229.3E6  | 43.059  | 52.635   |
| 5)                          | MB Aldrin       | 5.314 | 4.389 | 214.8E6  | 230.7E6  | 46.772  | 56.062m  |
| 6)                          | B beta-BHC      | 4.560 | 4.046 | 94025305 | 113.7E6  | 45.477  | 54.763   |
| 7)                          | B delta-BHC     | 4.807 | 4.282 | 211.5E6  | 251.7E6  | 45.468m | 57.442 # |
| 8)                          | B Heptachlo...  | 5.733 | 4.893 | 184.1E6  | 208.6E6  | 45.973m | 54.008   |
| 9)                          | A Endosulfan I  | 6.117 | 5.266 | 172.7E6  | 189.0E6  | 45.469m | 51.636   |
| 10)                         | B gamma-Chl...  | 5.988 | 5.145 | 189.4E6  | 215.8E6  | 46.427m | 53.238m  |
| 11)                         | B alpha-Chl...  | 6.069 | 5.210 | 192.8E6  | 208.3E6  | 47.407m | 52.326   |
| 12)                         | B 4,4'-DDE      | 6.237 | 5.396 | 178.5E6  | 210.6E6  | 45.520m | 51.789   |
| 13)                         | MA Dieldrin     | 6.391 | 5.532 | 172.8E6  | 222.4E6  | 44.815  | 54.680   |
| 14)                         | MA Endrin       | 6.617 | 5.807 | 144.7E6  | 196.0E6  | 45.438m | 53.843   |
| 15)                         | B Endosulfa...  | 6.829 | 6.097 | 153.0E6  | 186.0E6  | 47.924m | 51.803   |
| 16)                         | A 4,4'-DDD      | 6.747 | 5.949 | 130.3E6  | 175.8E6  | 46.028m | 53.804   |
| 17)                         | MA 4,4'-DDT     | 7.064 | 6.202 | 127.6E6  | 171.7E6  | 44.797  | 49.956   |
| 18)                         | B Endrin al...  | 6.958 | 6.274 | 102.3E6  | 130.4E6  | 44.090m | 49.917   |
| 19)                         | B Endosulfa...  | 7.193 | 6.498 | 127.9E6  | 164.0E6  | 45.660  | 49.440   |
| 20)                         | A Methoxychlor  | 7.534 | 6.772 | 59369593 | 89350905 | 42.555  | 46.844   |
| 21)                         | B Endrin ke...  | 7.674 | 7.004 | 124.3E6  | 183.2E6  | 43.607  | 52.028   |
| 22)                         | Mirex           | 8.154 | 7.198 | 105.9E6  | 135.4E6  | 44.566m | 46.959m  |
| -----                       |                 |       |       |          |          |         |          |

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

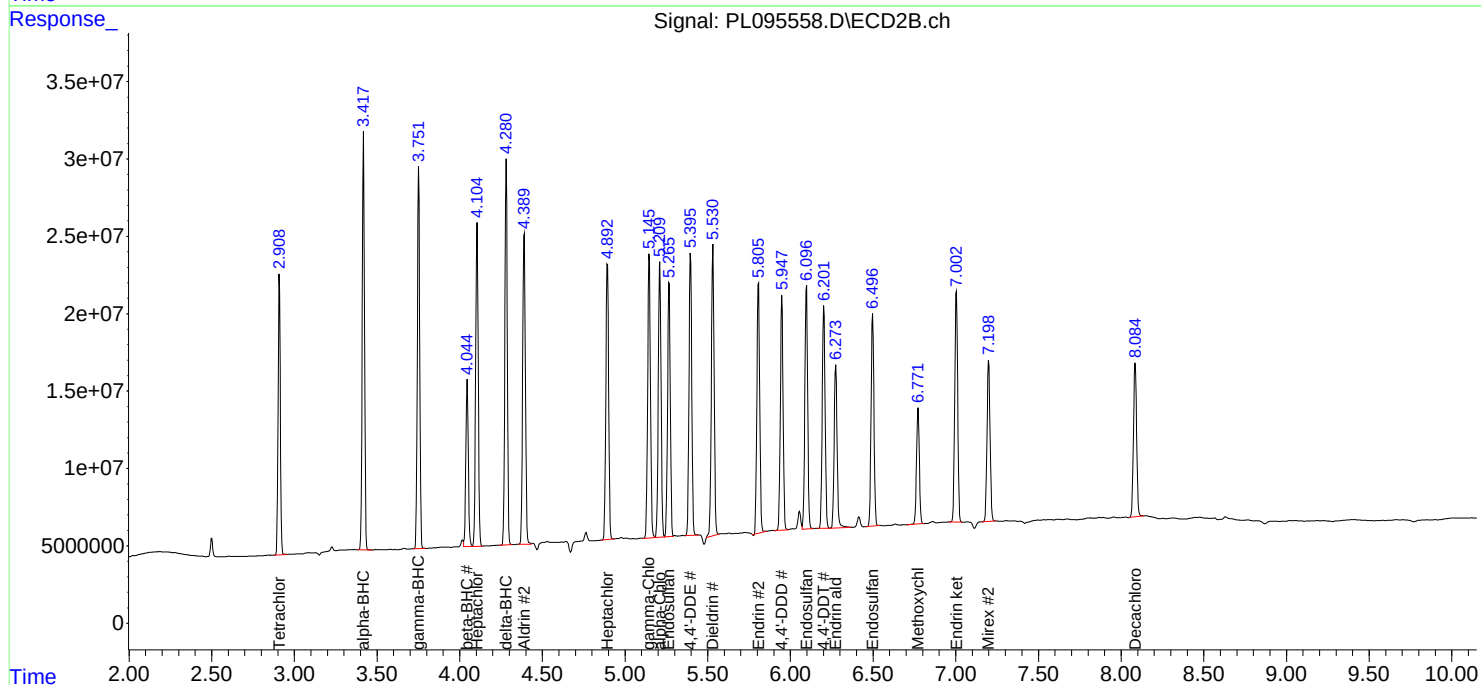
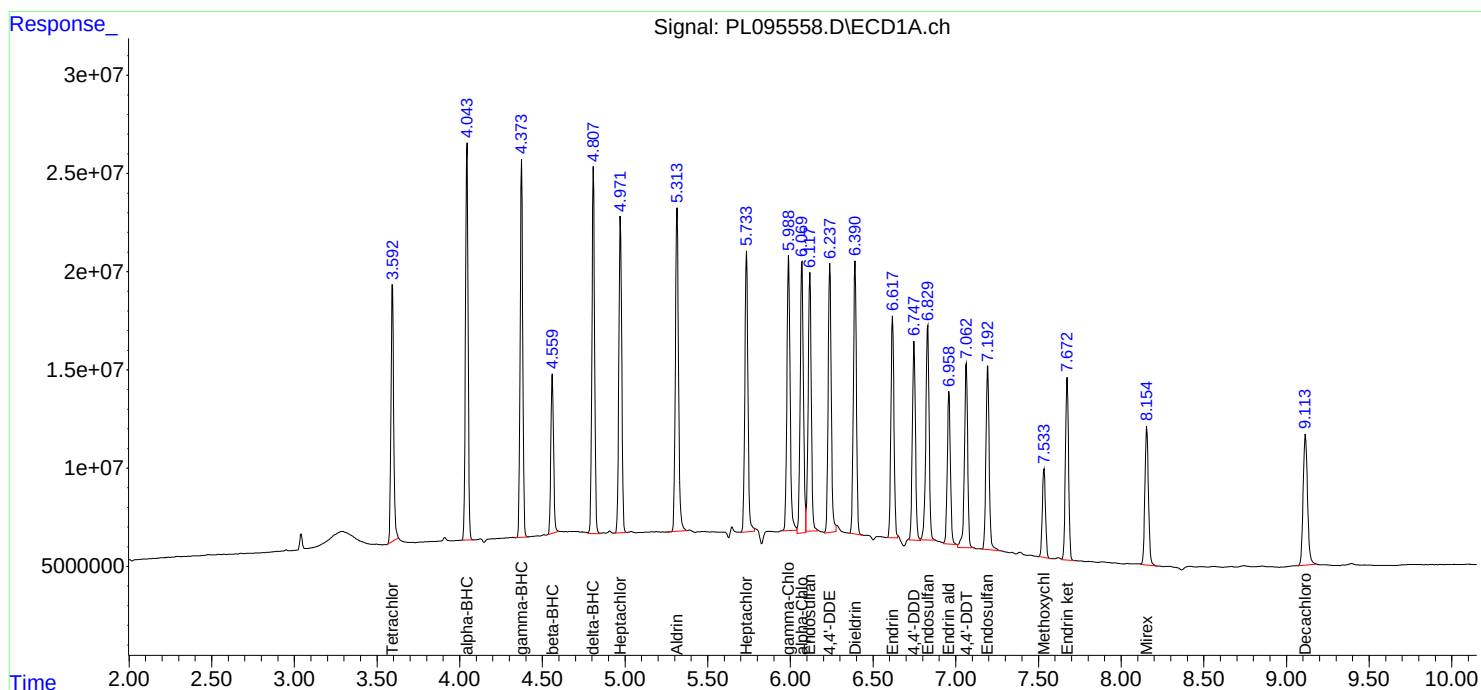


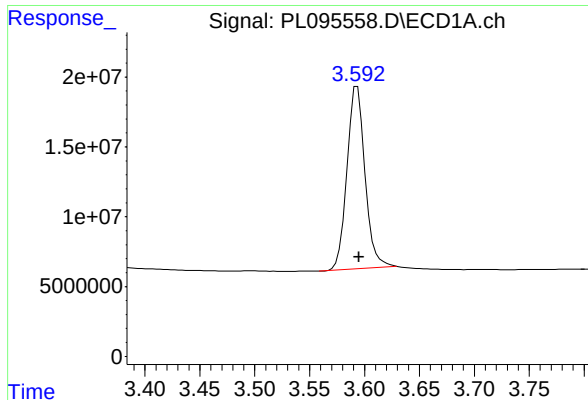
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095558.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 21:25  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:45:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

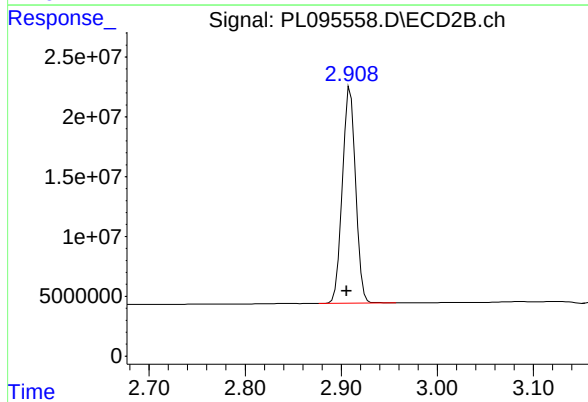




#1 Tetrachloro-m-xylene

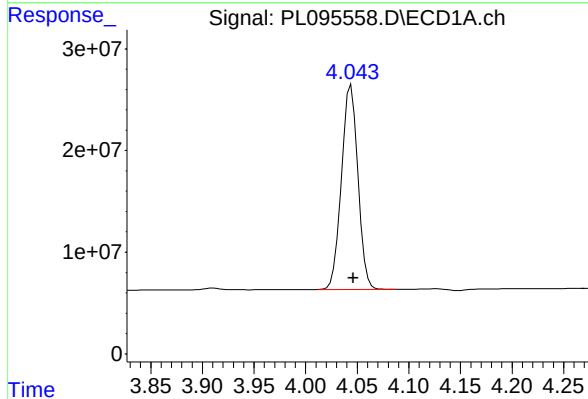
R.T.: 3.593 min  
Delta R.T.: -0.002 min  
Response: 149663551  
Conc: 45.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



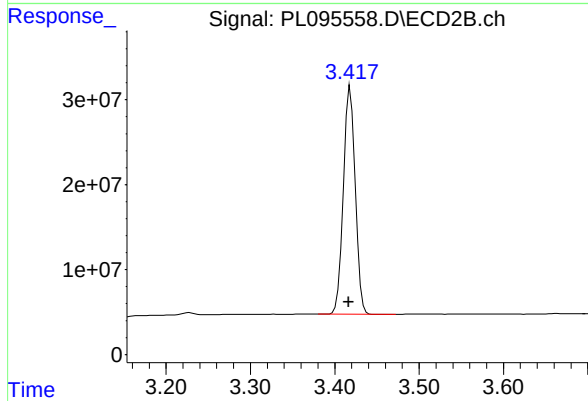
#1 Tetrachloro-m-xylene

R.T.: 2.909 min  
Delta R.T.: 0.004 min  
Response: 170948463  
Conc: 53.76 ng/ml



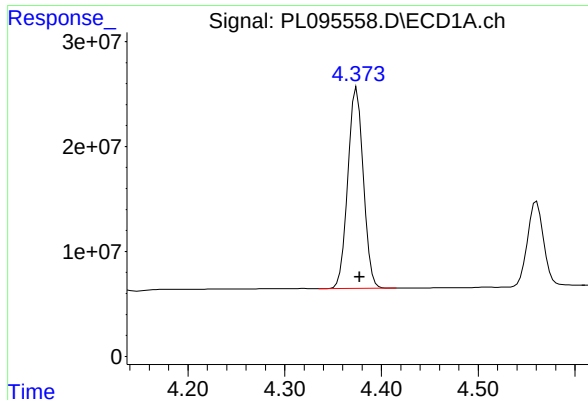
#2 alpha-BHC

R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 223209530  
Conc: 45.06 ng/ml



#2 alpha-BHC

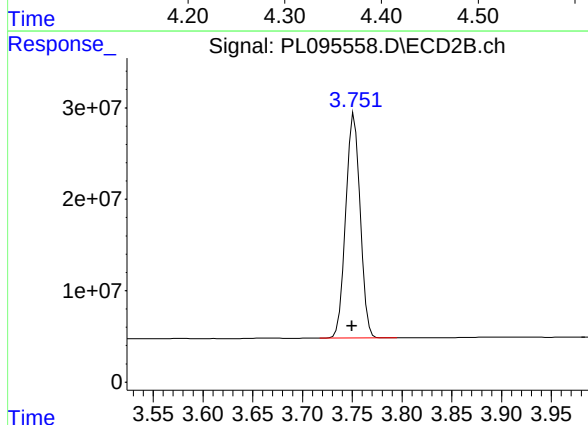
R.T.: 3.419 min  
Delta R.T.: 0.002 min  
Response: 262462142  
Conc: 59.00 ng/ml



#3 gamma-BHC (Lindane)

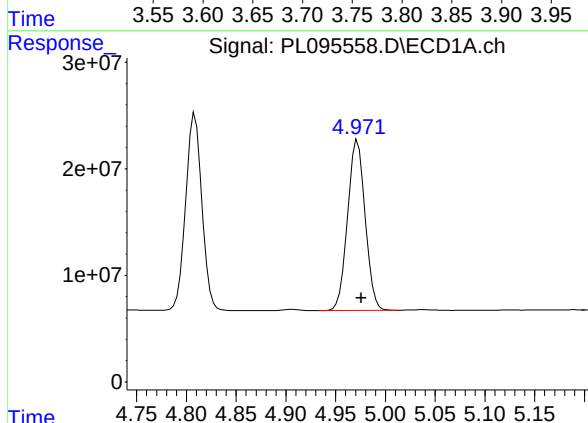
R.T.: 4.375 min  
Delta R.T.: -0.003 min  
Response: 211316582  
Conc: 44.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



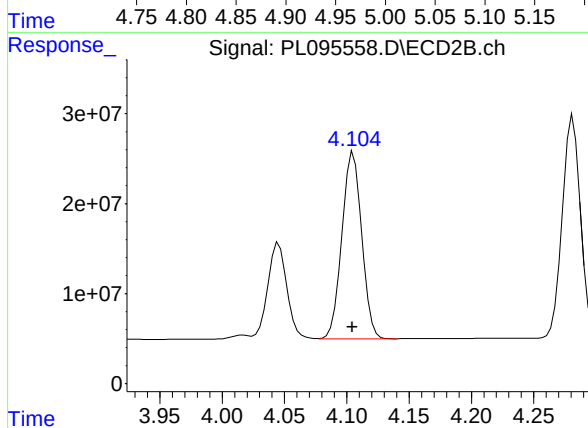
#3 gamma-BHC (Lindane)

R.T.: 3.752 min  
Delta R.T.: 0.002 min  
Response: 248505103  
Conc: 56.50 ng/ml



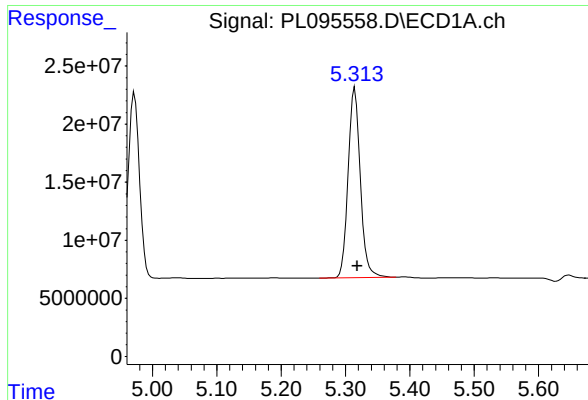
#4 Heptachlor

R.T.: 4.972 min  
Delta R.T.: -0.004 min  
Response: 196971561  
Conc: 43.06 ng/ml



#4 Heptachlor

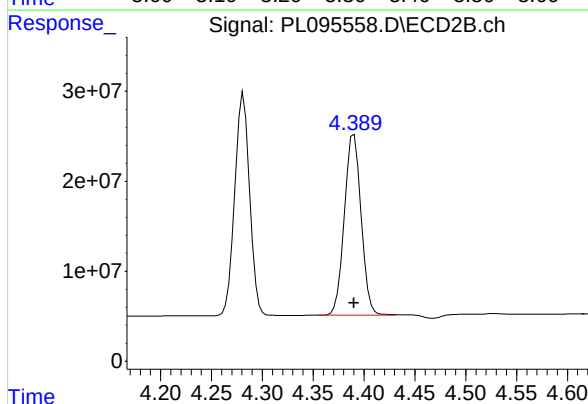
R.T.: 4.105 min  
Delta R.T.: 0.000 min  
Response: 229315647  
Conc: 52.64 ng/ml



#5 Aldrin

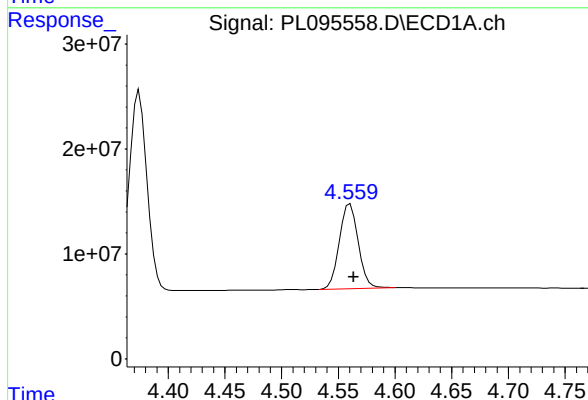
R.T.: 5.314 min  
Delta R.T.: -0.004 min  
Response: 214823175  
Conc: 46.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



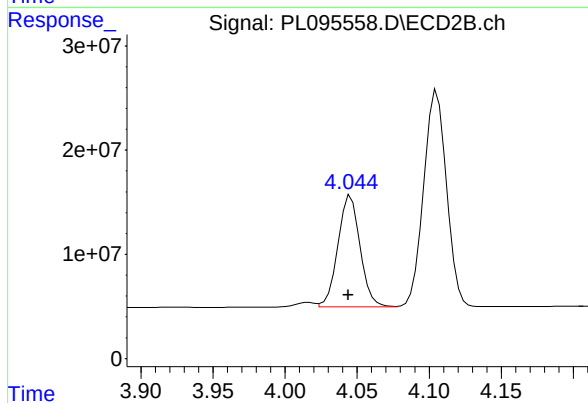
#5 Aldrin

R.T.: 4.389 min  
Delta R.T.: -0.001 min  
Response: 230734739  
Conc: 56.06 ng/ml



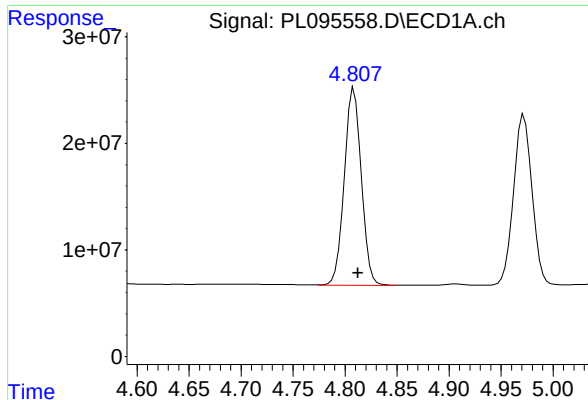
#6 beta-BHC

R.T.: 4.560 min  
Delta R.T.: -0.003 min  
Response: 94025305  
Conc: 45.48 ng/ml



#6 beta-BHC

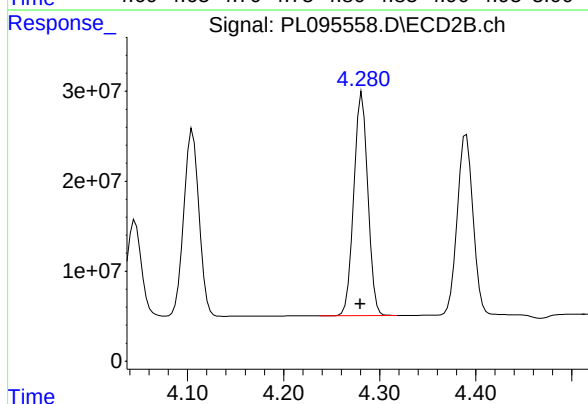
R.T.: 4.046 min  
Delta R.T.: 0.002 min  
Response: 113679965  
Conc: 54.76 ng/ml



#7 delta-BHC

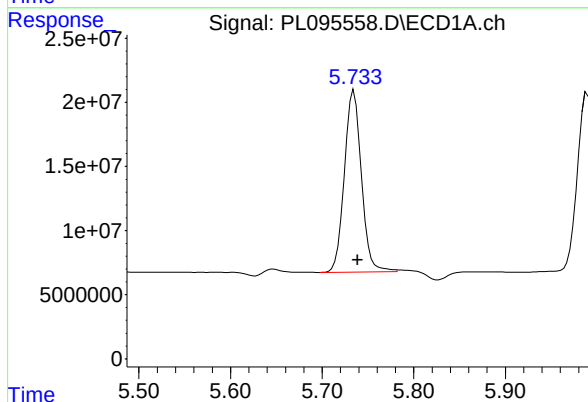
R.T.: 4.807 min  
Delta R.T.: -0.005 min  
Response: 211455839  
Conc: 45.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



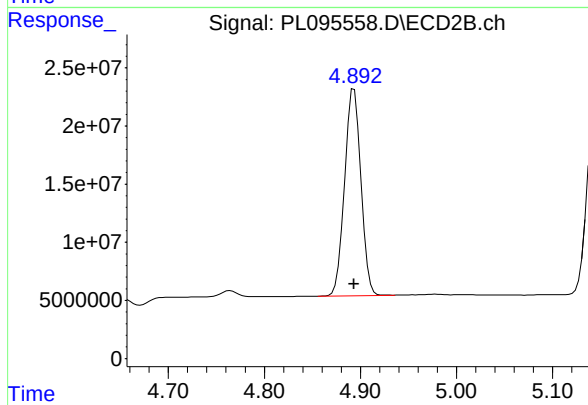
#7 delta-BHC

R.T.: 4.282 min  
Delta R.T.: 0.002 min  
Response: 251710110  
Conc: 57.44 ng/ml



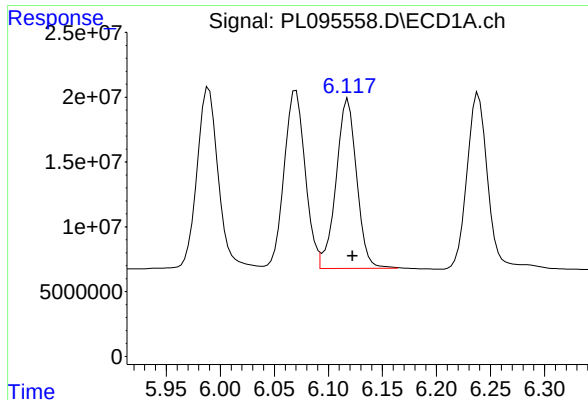
#8 Heptachlor epoxide

R.T.: 5.733 min  
Delta R.T.: -0.006 min  
Response: 184128383  
Conc: 45.97 ng/ml m



#8 Heptachlor epoxide

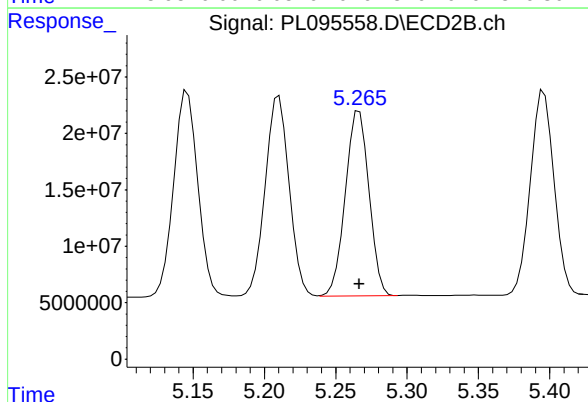
R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 208614137  
Conc: 54.01 ng/ml



## #9 Endosulfan I

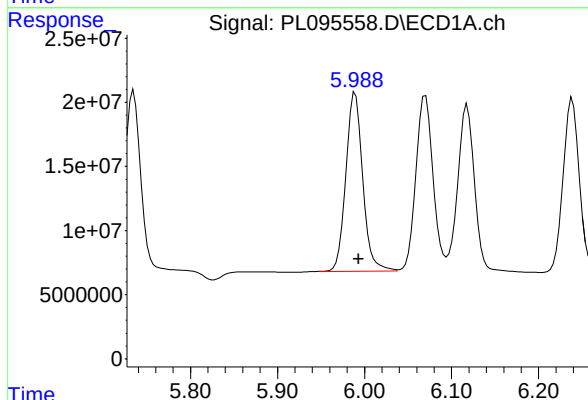
R.T.: 6.117 min  
Delta R.T.: -0.006 min  
Response: 172667952  
Conc: 45.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



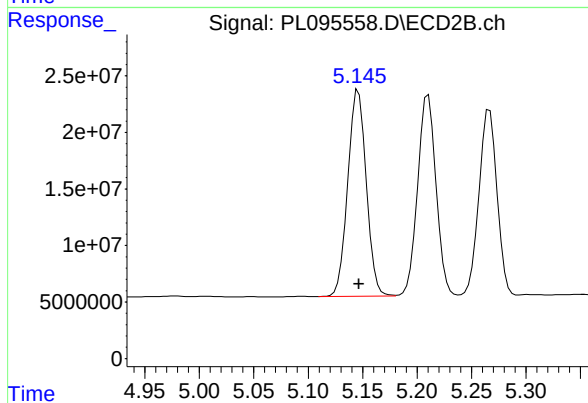
## #9 Endosulfan I

R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 189011008  
Conc: 51.64 ng/ml



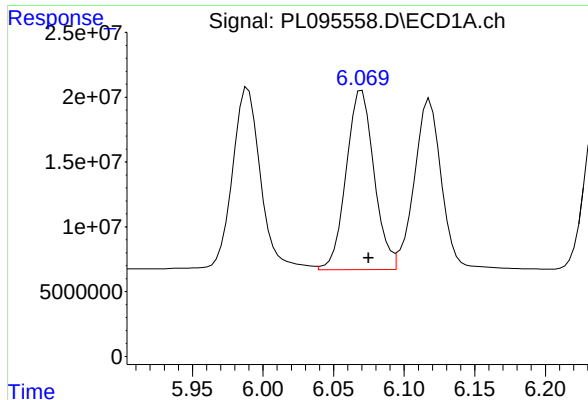
## #10 gamma-Chlordane

R.T.: 5.988 min  
Delta R.T.: -0.006 min  
Response: 189391979  
Conc: 46.43 ng/ml m



## #10 gamma-Chlordane

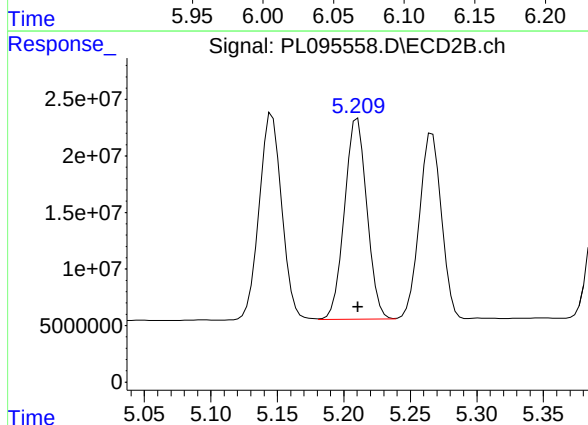
R.T.: 5.145 min  
Delta R.T.: -0.002 min  
Response: 215754591  
Conc: 53.24 ng/ml m



#11 alpha-Chlordane

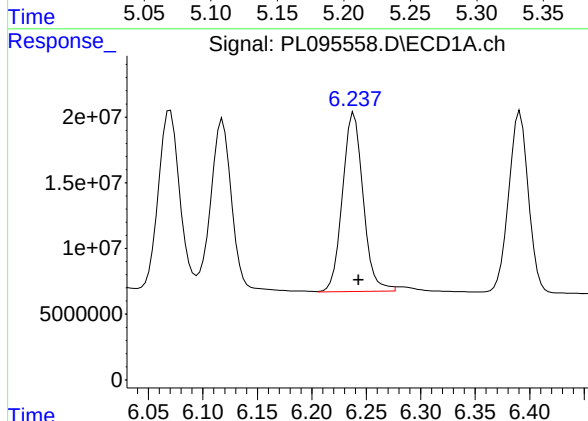
R.T.: 6.069 min  
Delta R.T.: -0.006 min  
Response: 192760641  
Conc: 47.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



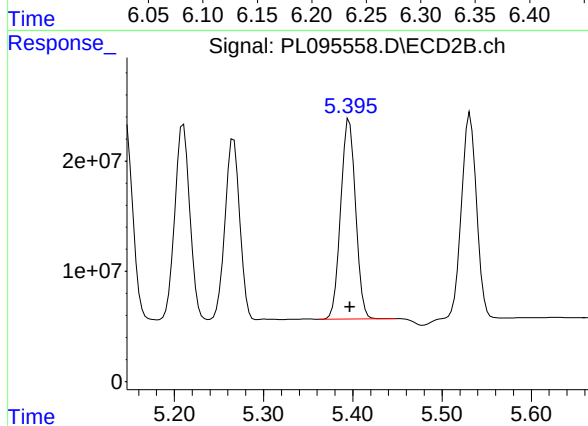
#11 alpha-Chlordane

R.T.: 5.210 min  
Delta R.T.: 0.000 min  
Response: 208313818  
Conc: 52.33 ng/ml



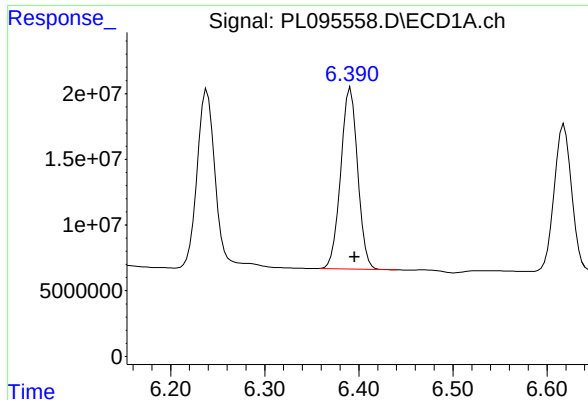
#12 4,4'-DDE

R.T.: 6.237 min  
Delta R.T.: -0.006 min  
Response: 178462214  
Conc: 45.52 ng/ml m



#12 4,4'-DDE

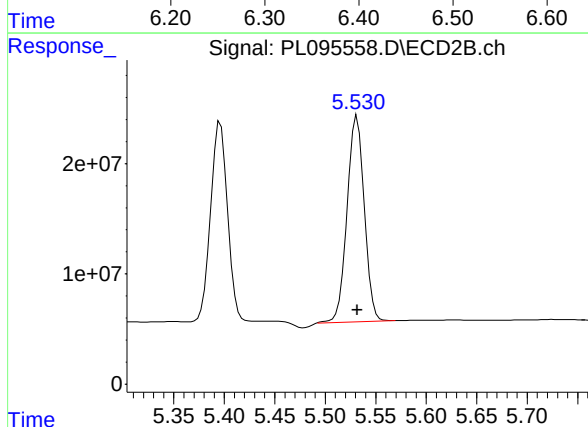
R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 210624421  
Conc: 51.79 ng/ml



#13 Dieldrin

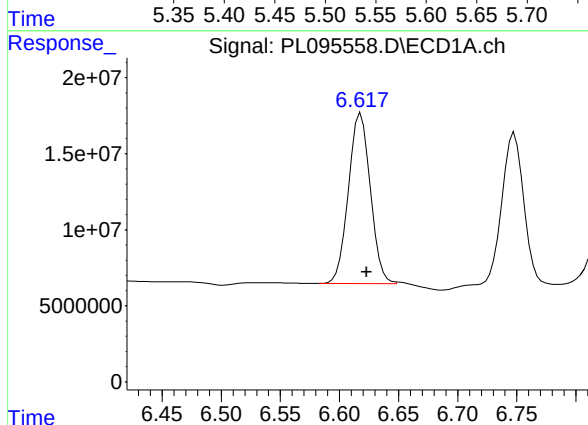
R.T.: 6.391 min  
Delta R.T.: -0.004 min  
Response: 172754753  
Conc: 44.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



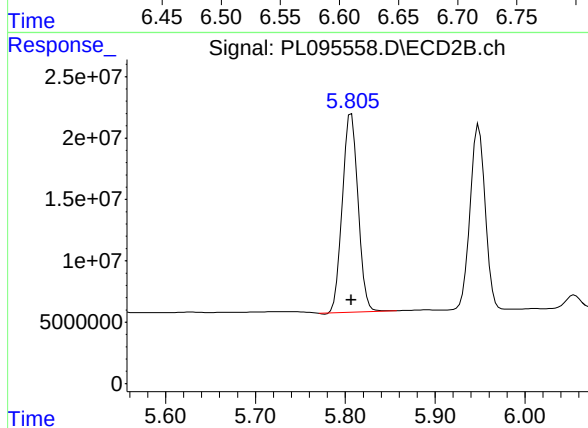
#13 Dieldrin

R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 222388283  
Conc: 54.68 ng/ml



#14 Endrin

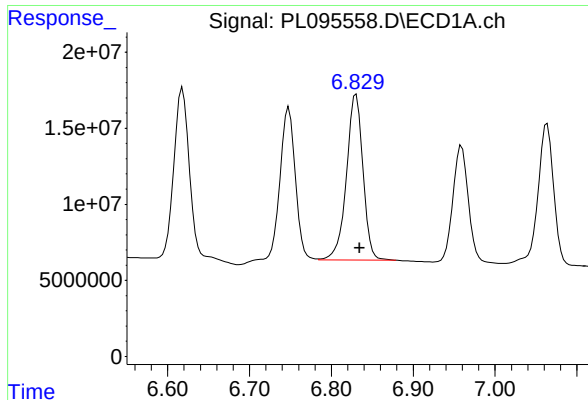
R.T.: 6.617 min  
Delta R.T.: -0.006 min  
Response: 144707740  
Conc: 45.44 ng/ml m



#14 Endrin

R.T.: 5.807 min  
Delta R.T.: 0.000 min  
Response: 196027363  
Conc: 53.84 ng/ml

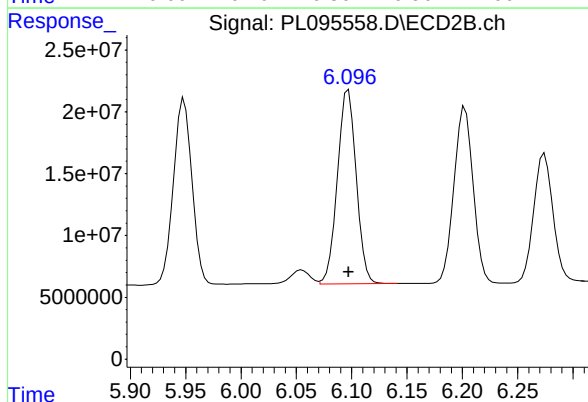




## #15 Endosulfan II

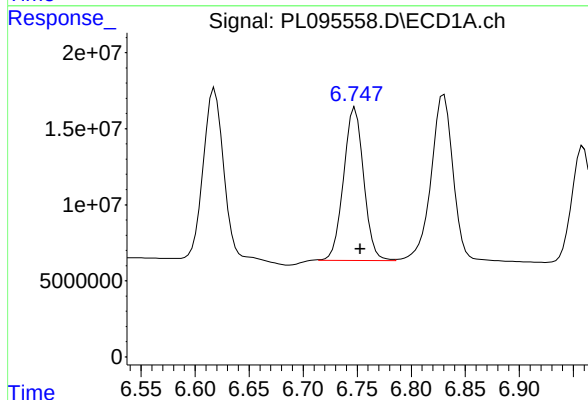
R.T.: 6.829 min  
Delta R.T.: -0.006 min  
Response: 152981577  
Conc: 47.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



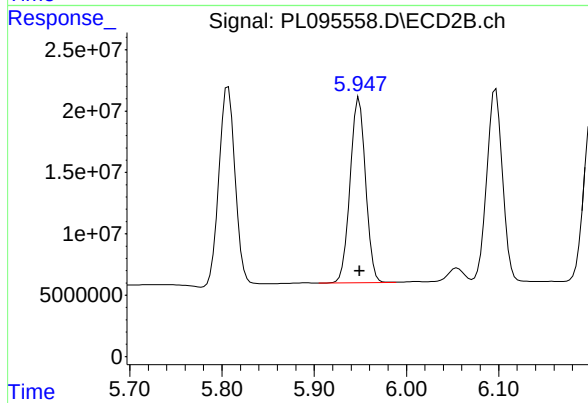
## #15 Endosulfan II

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 186031687  
Conc: 51.80 ng/ml



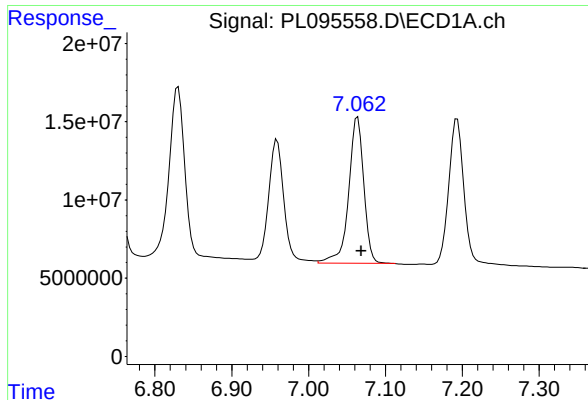
## #16 4,4'-DDD

R.T.: 6.747 min  
Delta R.T.: -0.006 min  
Response: 130301888  
Conc: 46.03 ng/ml m



## #16 4,4'-DDD

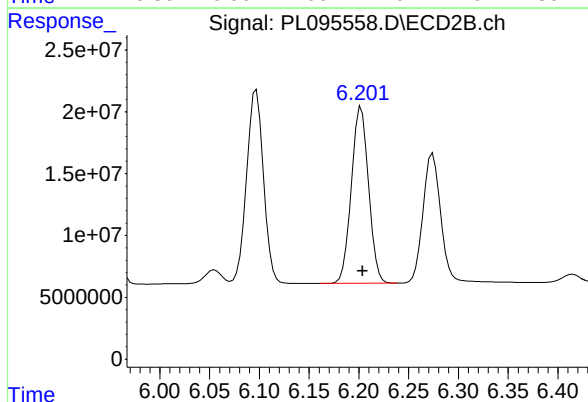
R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 175765246  
Conc: 53.80 ng/ml



#17 4,4'-DDT

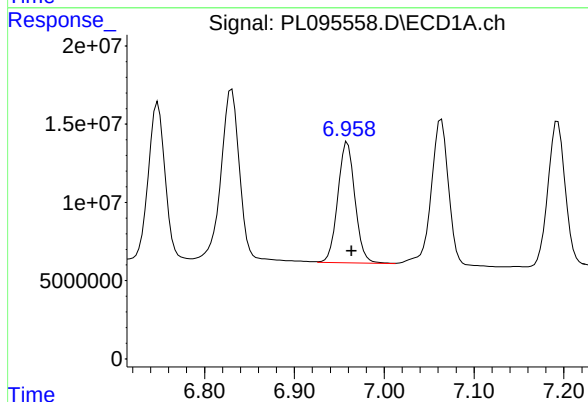
R.T.: 7.064 min  
Delta R.T.: -0.005 min  
Response: 127608180  
Conc: 44.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



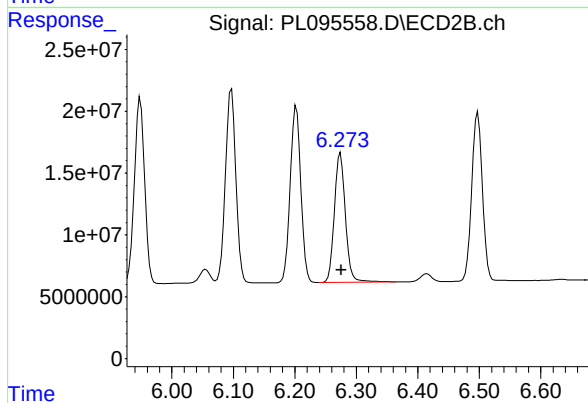
#17 4,4'-DDT

R.T.: 6.202 min  
Delta R.T.: -0.001 min  
Response: 171659047  
Conc: 49.96 ng/ml



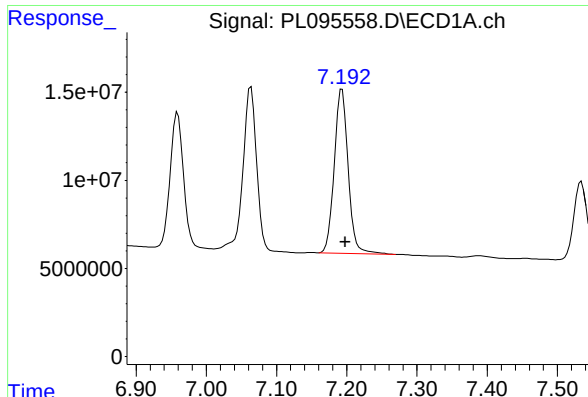
#18 Endrin aldehyde

R.T.: 6.958 min  
Delta R.T.: -0.006 min  
Response: 102325158  
Conc: 44.09 ng/ml m



#18 Endrin aldehyde

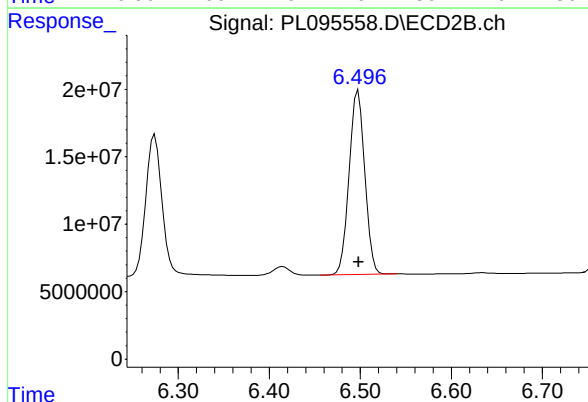
R.T.: 6.274 min  
Delta R.T.: -0.001 min  
Response: 130441078  
Conc: 49.92 ng/ml



## #19 Endosulfan Sulfate

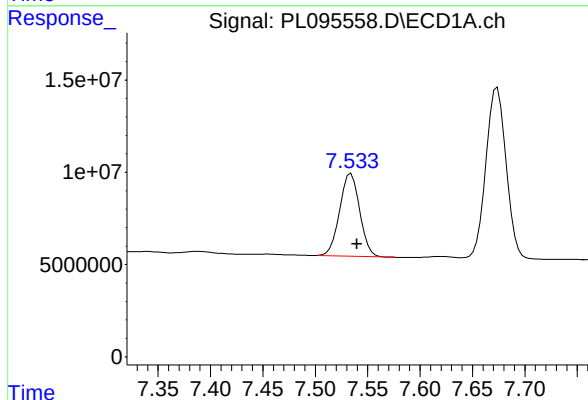
R.T.: 7.193 min  
Delta R.T.: -0.005 min  
Response: 127929794  
Conc: 45.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



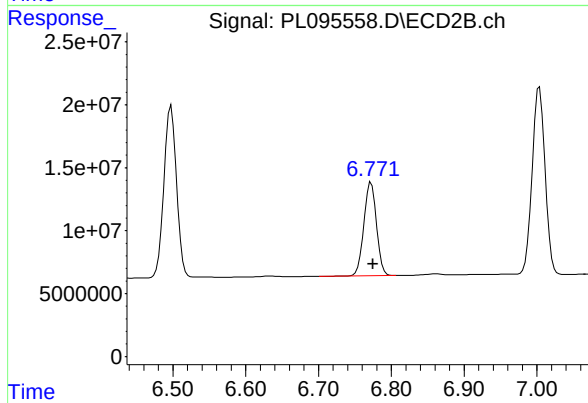
## #19 Endosulfan Sulfate

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 164039142  
Conc: 49.44 ng/ml



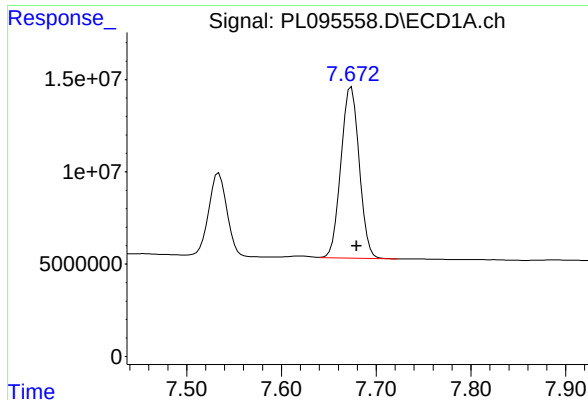
## #20 Methoxychlor

R.T.: 7.534 min  
Delta R.T.: -0.006 min  
Response: 59369593  
Conc: 42.55 ng/ml



## #20 Methoxychlor

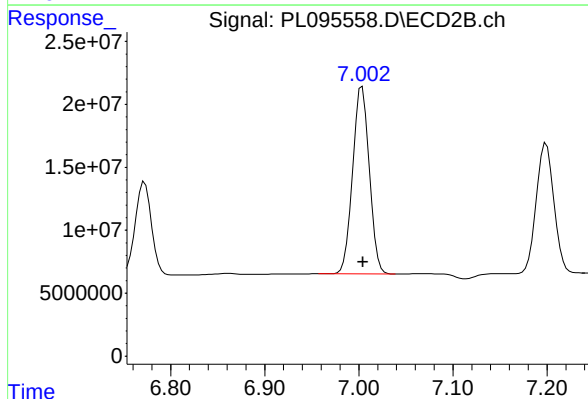
R.T.: 6.772 min  
Delta R.T.: -0.002 min  
Response: 89350905  
Conc: 46.84 ng/ml



#21 Endrin ketone

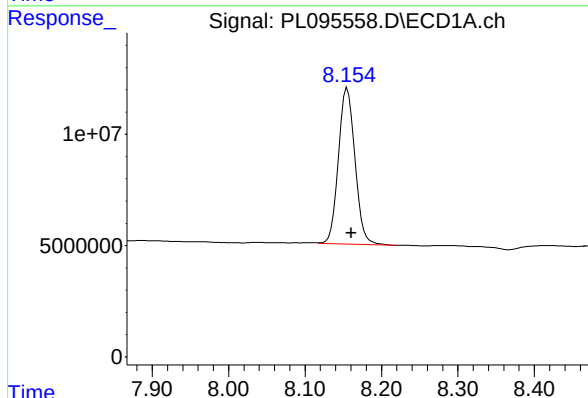
R.T.: 7.674 min  
Delta R.T.: -0.006 min  
Response: 124316884  
Conc: 43.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



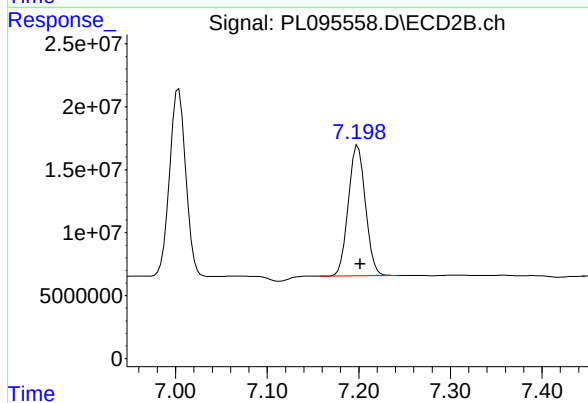
#21 Endrin ketone

R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 183204721  
Conc: 52.03 ng/ml



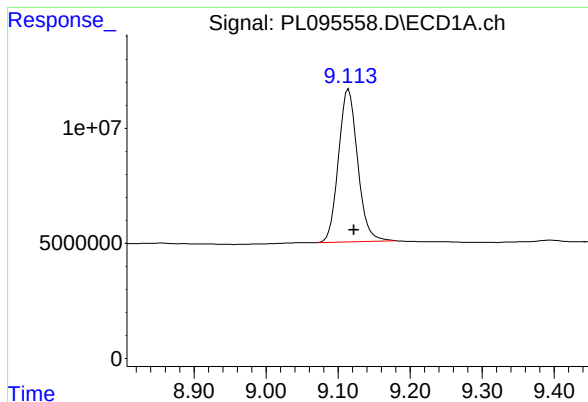
#22 Mirex

R.T.: 8.154 min  
Delta R.T.: -0.007 min  
Response: 105891784  
Conc: 44.57 ng/ml m



#22 Mirex

R.T.: 7.198 min  
Delta R.T.: -0.004 min  
Response: 135355437  
Conc: 46.96 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.114 min

Delta R.T.: -0.008 min

Response: 121920878

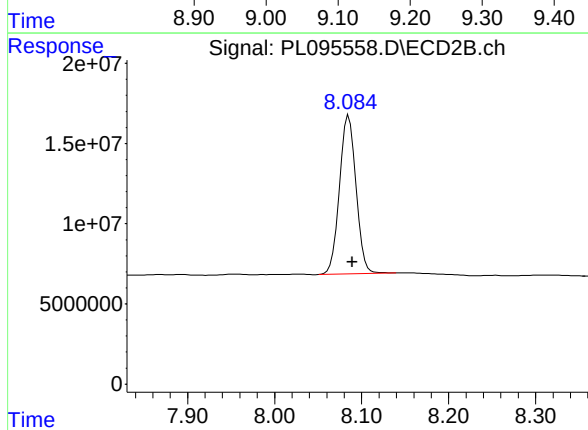
Conc: 44.00 ng/ml

Instrument :

ECD\_L

ClientSampleId :

PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.085 min

Delta R.T.: -0.004 min

Response: 130813926

Conc: 44.20 ng/ml

**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No. (PEM): PEM - PL095327.D Date Analyzed: 04/23/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:04

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D   |
|----------------------|-------|-----------|-------|------------|------------|------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |      |
| Decachlorobiphenyl   | 9.122 | 9.020     | 9.220 | 23.490     | 20.000     | 17.5 |
| Tetrachloro-m-xylene | 3.594 | 3.540     | 3.640 | 22.530     | 20.000     | 12.7 |
| alpha-BHC            | 4.045 | 3.990     | 4.100 | 10.950     | 10.000     | 9.5  |
| beta-BHC             | 4.563 | 4.510     | 4.610 | 10.960     | 10.000     | 9.6  |
| gamma-BHC (Lindane)  | 4.375 | 4.320     | 4.430 | 11.240     | 10.000     | 12.4 |
| Endrin               | 6.622 | 6.550     | 6.690 | 54.830     | 50.000     | 9.7  |
| 4,4'-DDT             | 7.067 | 7.000     | 7.140 | 112.580    | 100.000    | 12.6 |
| Methoxychlor         | 7.538 | 7.470     | 7.610 | 265.190    | 250.000    | 6.1  |

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No. (PEM): PEM - PL095327.D Date Analyzed: 04/23/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:04

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D   |
|----------------------|-------|-----------|-------|------------|------------|------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |      |
| Decachlorobiphenyl   | 8.089 | 7.990     | 8.190 | 23.100     | 20.000     | 15.5 |
| Tetrachloro-m-xylene | 2.905 | 2.850     | 2.960 | 22.790     | 20.000     | 14.0 |
| alpha-BHC            | 3.415 | 3.360     | 3.470 | 11.050     | 10.000     | 10.5 |
| beta-BHC             | 4.042 | 3.990     | 4.090 | 11.540     | 10.000     | 15.4 |
| gamma-BHC (Lindane)  | 3.748 | 3.700     | 3.800 | 11.100     | 10.000     | 11.0 |
| Endrin               | 5.806 | 5.740     | 5.880 | 57.180     | 50.000     | 14.4 |
| 4,4'-DDT             | 6.203 | 6.130     | 6.270 | 115.980    | 100.000    | 16.0 |
| Methoxychlor         | 6.774 | 6.700     | 6.840 | 253.560    | 250.000    | 1.4  |

PEM  
 Data File: PL095327.D Date Acquired 4/23/2025 11:04  
 Operator: AR\AJ

**ENDRIN BREAK DOWN**

Column #1

| Name            | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|-----------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin          | 6.62 | 174620420   | 176432661.6           | 1812241.55          | 1.03         |
| Endrin aldehyde | 6.96 | 291372.367  |                       |                     |              |
| Endrin ketone   | 7.68 | 1520869.187 |                       |                     |              |

Column #2

| Name               | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|--------------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin #2          | 5.81 | 208180230.3 | 212099534             | 3919303.8           | 1.85         |
| Endrin aldehyde #2 | 6.28 | 1927807.487 |                       |                     |              |
| Endrin ketone #2   | 7.00 | 1991496.309 |                       |                     |              |

**DDT BREAK DOWN**

Column #1

| Name     | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|----------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT | 7.07 | 320688920.6 | 321379935.9               | 691015.328            | 0.22         |
| 4,4'-DDE | 0.00 | 0           |                           |                       |              |
| 4,4'-DDD | 6.75 | 691015.328  |                           |                       |              |

Column #2

| Name        | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|-------------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT #2 | 6.20 | 398515431.8 | 399310772.3               | 795340.506            | 0.20         |
| 4,4'-DDE #2 | 0.00 | 0           |                           |                       |              |
| 4,4'-DDD #2 | 5.95 | 795340.506  |                           |                       |              |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
 Data File : PL095327.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 11:04  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 04/24/2025  
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 14:09:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 14:07:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.594 | 2.905 | 73541125 | 72472220 | 22.526  | 22.792  |
| 28) SA Decachlor...         | 9.122 | 8.089 | 65094644 | 68362526 | 23.493  | 23.101  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 4.045 | 3.415 | 54247618 | 49140358 | 10.951  | 11.046  |
| 3) MA gamma-BHC...          | 4.375 | 3.748 | 53220046 | 48800893 | 11.242m | 11.096  |
| 6) B beta-BHC               | 4.563 | 4.042 | 22651669 | 23957368 | 10.956  | 11.541  |
| 14) MA Endrin               | 6.622 | 5.806 | 174.6E6  | 208.2E6  | 54.830  | 57.181  |
| 16) A 4,4'-DDD              | 6.747 | 5.947 | 691015   | 795341   | 0.244m  | 0.243m  |
| 17) MA 4,4'-DDT             | 7.067 | 6.203 | 320.7E6  | 398.5E6  | 112.579 | 115.976 |
| 18) B Endrin al...          | 6.964 | 6.276 | 291372   | 1927807  | 0.126m  | 0.738m# |
| 20) A Methoxychlor          | 7.538 | 6.774 | 370.0E6  | 483.6E6  | 265.186 | 253.560 |
| 21) B Endrin ke...          | 7.676 | 7.001 | 1520869  | 1991496  | 0.533m  | 0.566m  |
| -----                       |       |       |          |          |         |         |

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095327.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 11:04  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

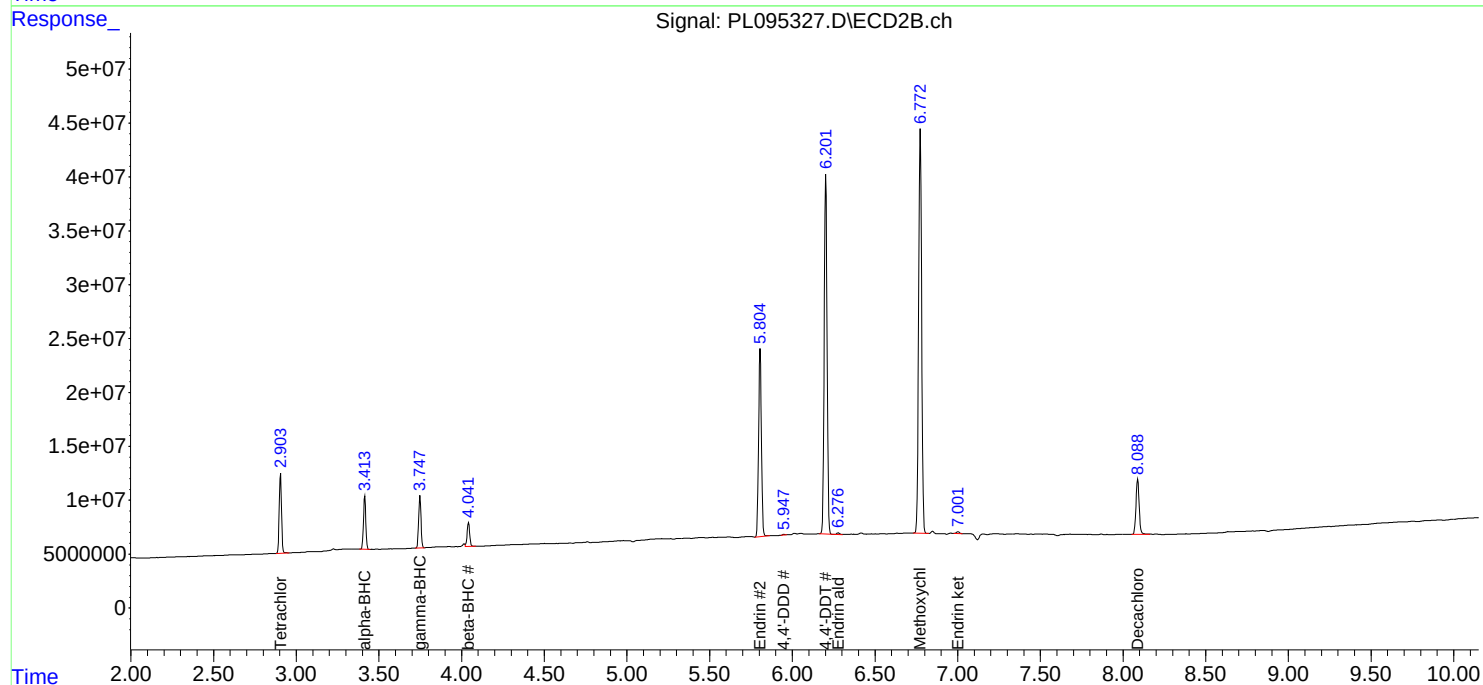
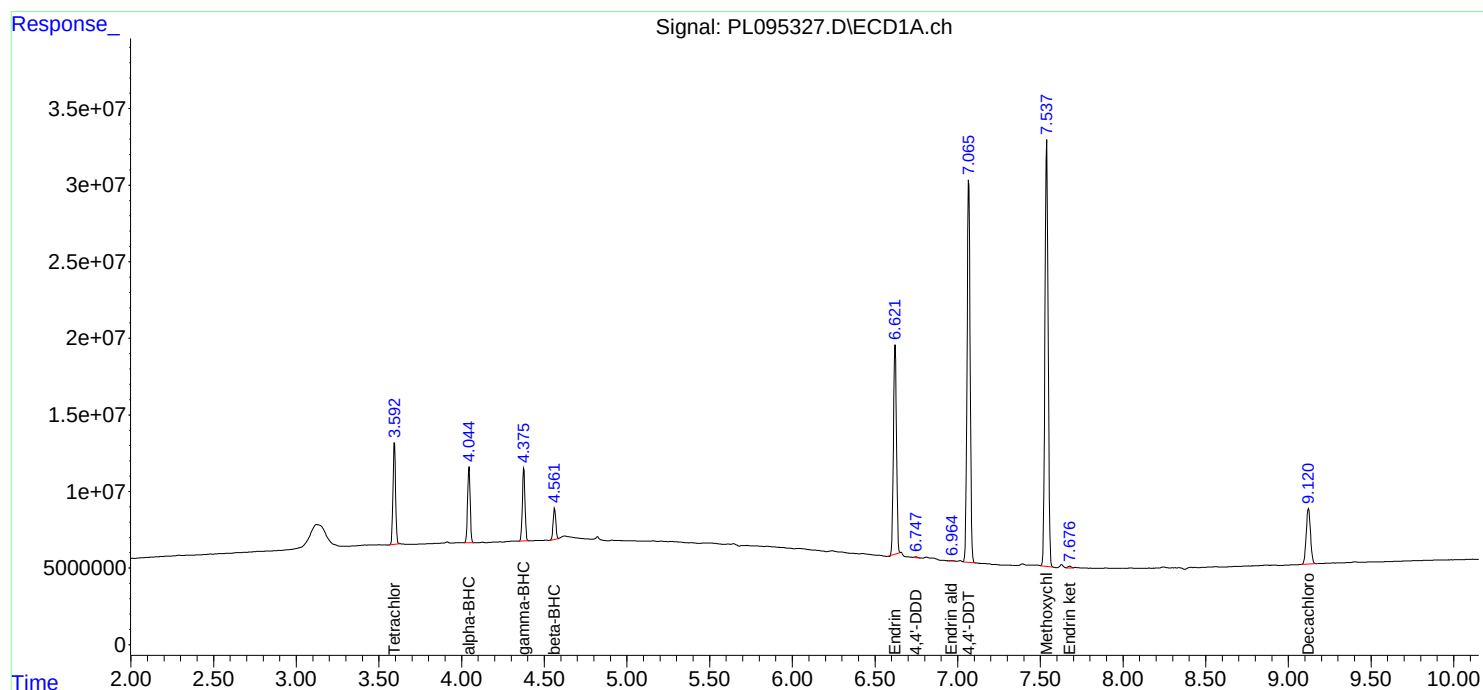
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

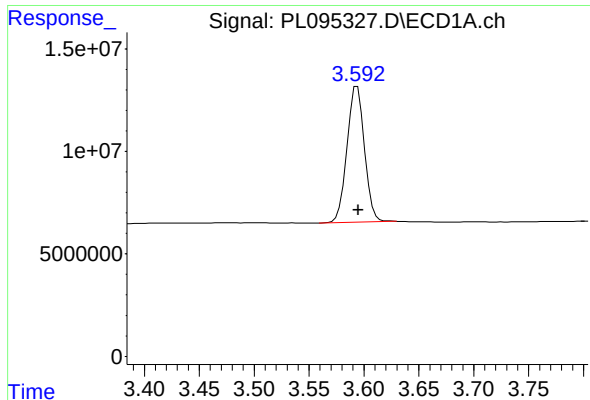
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 04/24/2025  
Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 14:09:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 14:07:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





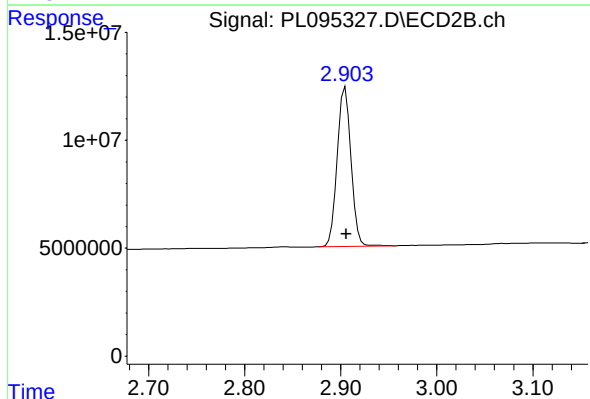
#1 Tetrachloro-m-xylene

R.T.: 3.594 min  
Delta R.T.: -0.001 min  
Response: 73541125  
Conc: 22.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

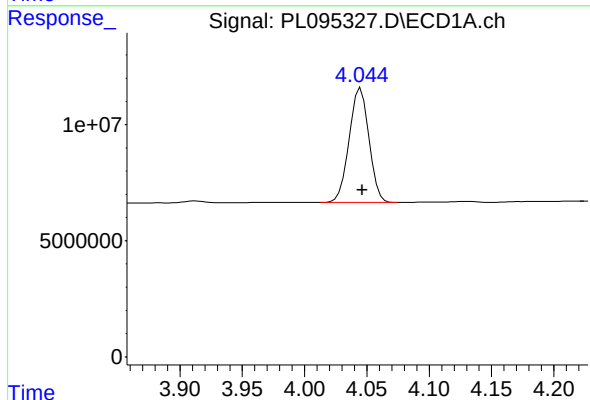
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



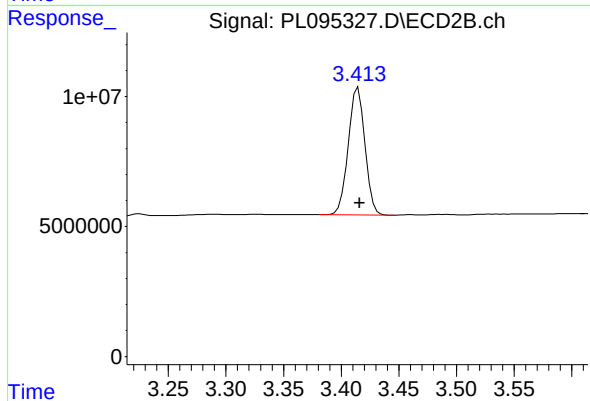
#1 Tetrachloro-m-xylene

R.T.: 2.905 min  
Delta R.T.: 0.000 min  
Response: 72472220  
Conc: 22.79 ng/ml



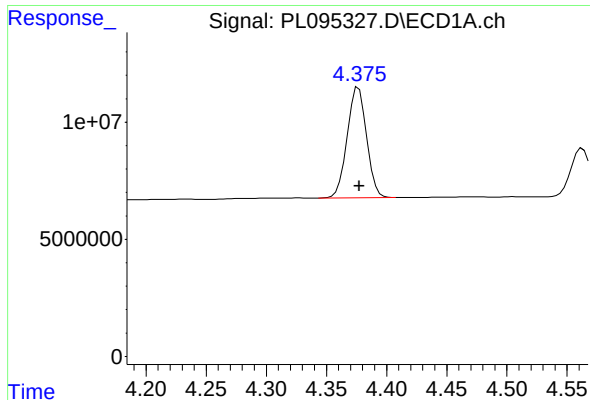
#2 alpha-BHC

R.T.: 4.045 min  
Delta R.T.: -0.001 min  
Response: 54247618  
Conc: 10.95 ng/ml



#2 alpha-BHC

R.T.: 3.415 min  
Delta R.T.: -0.002 min  
Response: 49140358  
Conc: 11.05 ng/ml



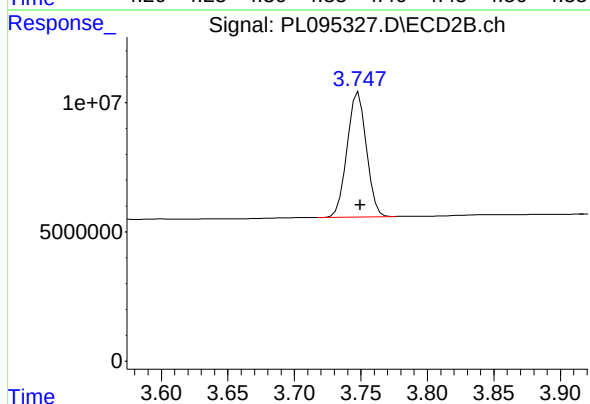
#3 gamma-BHC (Lindane)

R.T.: 4.375 min  
Delta R.T.: -0.002 min  
Response: 53220046  
Conc: 11.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

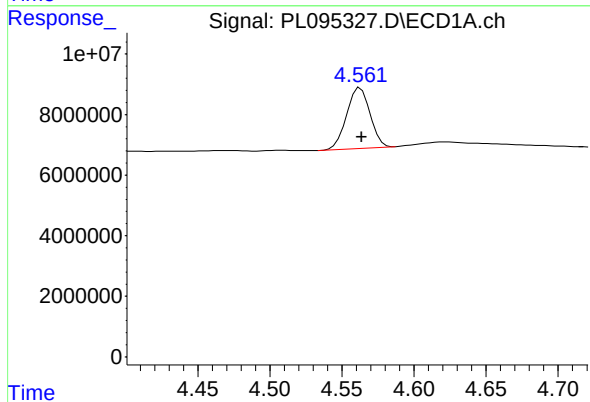
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



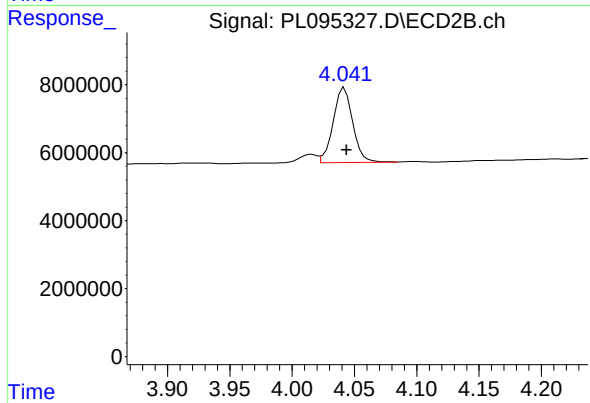
#3 gamma-BHC (Lindane)

R.T.: 3.748 min  
Delta R.T.: -0.002 min  
Response: 48800893  
Conc: 11.10 ng/ml



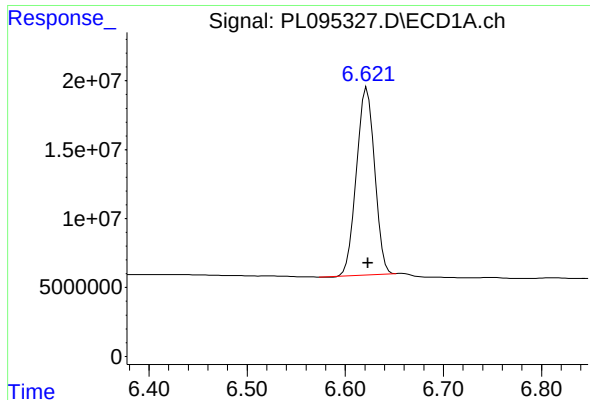
#6 beta-BHC

R.T.: 4.563 min  
Delta R.T.: 0.000 min  
Response: 22651669  
Conc: 10.96 ng/ml



#6 beta-BHC

R.T.: 4.042 min  
Delta R.T.: -0.002 min  
Response: 23957368  
Conc: 11.54 ng/ml



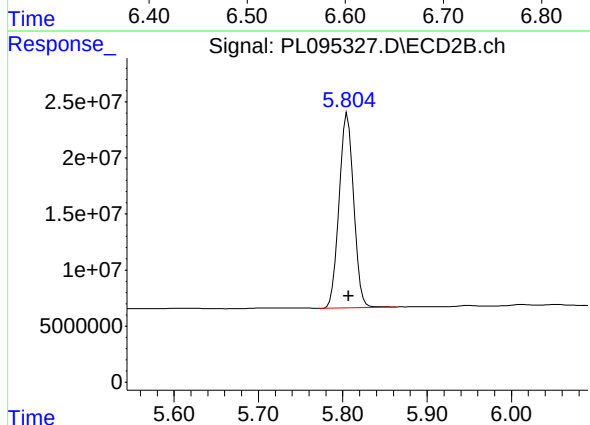
#14 Endrin

R.T.: 6.622 min  
Delta R.T.: 0.000 min  
Response: 174620420  
Conc: 54.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

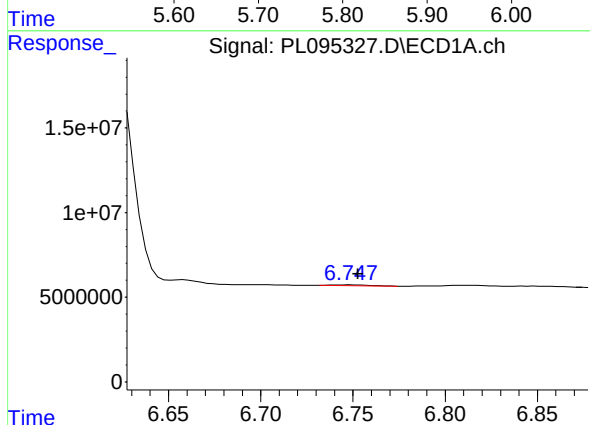
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



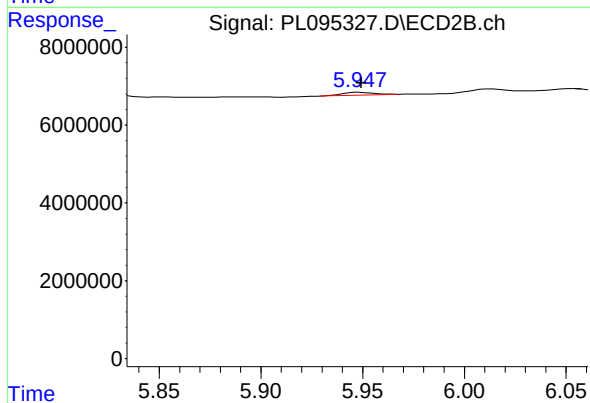
#14 Endrin

R.T.: 5.806 min  
Delta R.T.: -0.001 min  
Response: 208180230  
Conc: 57.18 ng/ml



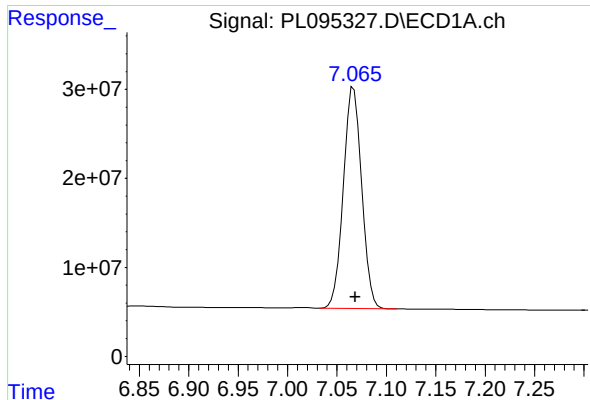
#16 4,4'-DDD

R.T.: 6.747 min  
Delta R.T.: -0.005 min  
Response: 691015  
Conc: 0.24 ng/ml m



#16 4,4'-DDD

R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 795341  
Conc: 0.24 ng/ml m



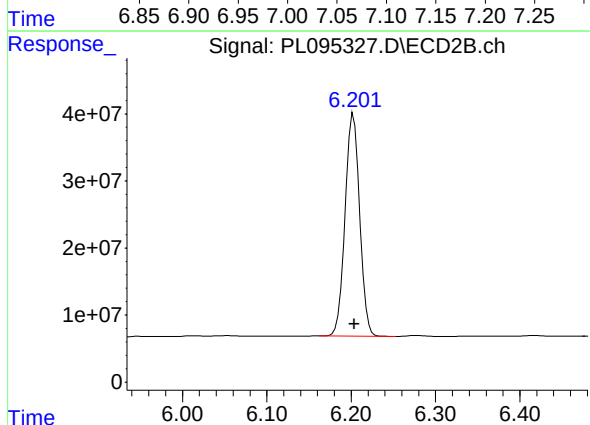
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: -0.002 min  
Response: 320688921  
Conc: 112.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

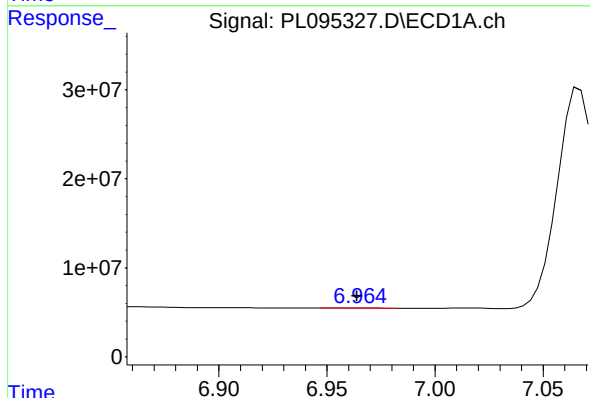
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



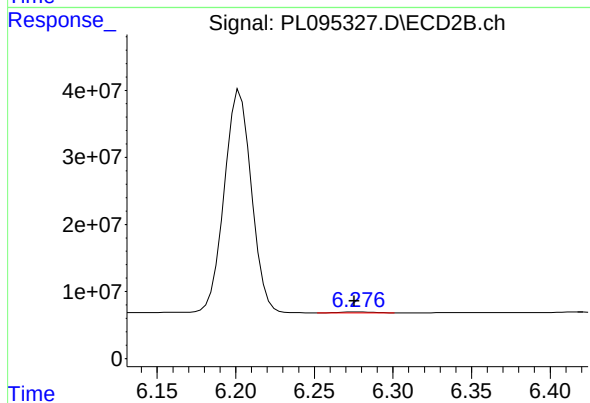
#17 4,4'-DDT

R.T.: 6.203 min  
Delta R.T.: -0.001 min  
Response: 398515432  
Conc: 115.98 ng/ml



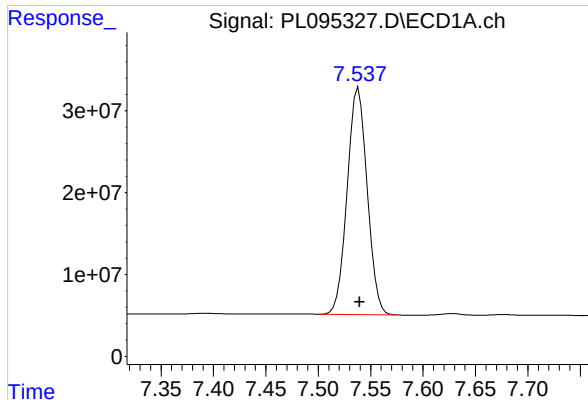
#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: 0.000 min  
Response: 291372  
Conc: 0.13 ng/ml m



#18 Endrin aldehyde

R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 1927807  
Conc: 0.74 ng/ml m



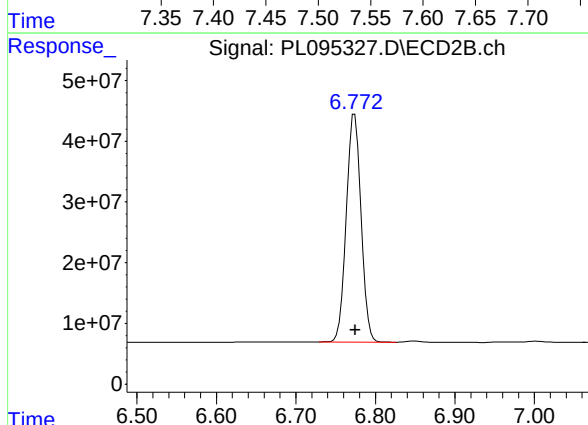
#20 Methoxychlor

R.T.: 7.538 min  
Delta R.T.: -0.001 min  
Response: 369969247  
Conc: 265.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

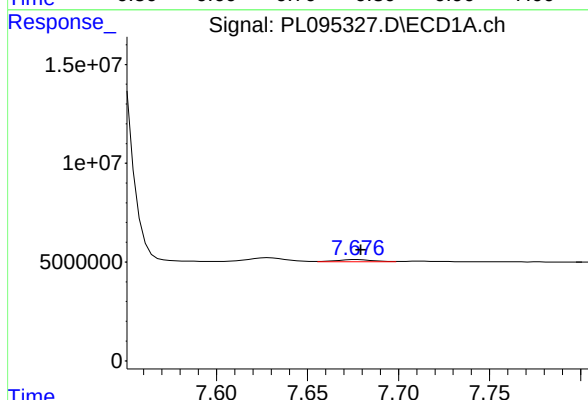
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



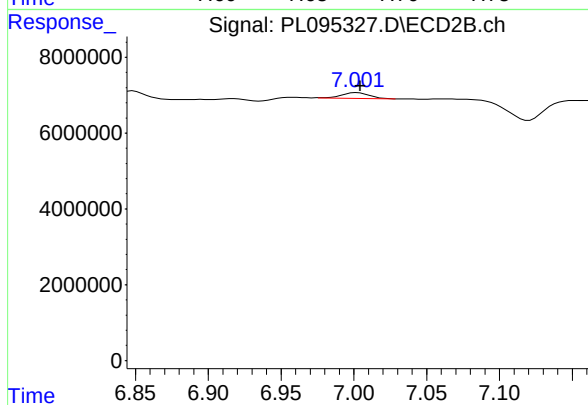
#20 Methoxychlor

R.T.: 6.774 min  
Delta R.T.: 0.000 min  
Response: 483648088  
Conc: 253.56 ng/ml



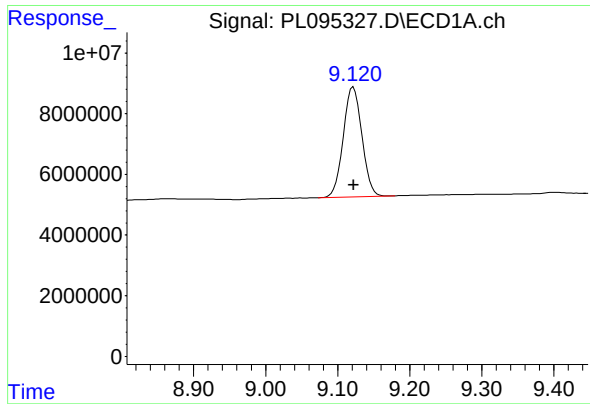
#21 Endrin ketone

R.T.: 7.676 min  
Delta R.T.: -0.003 min  
Response: 1520869  
Conc: 0.53 ng/ml m



#21 Endrin ketone

R.T.: 7.001 min  
Delta R.T.: -0.004 min  
Response: 1991496  
Conc: 0.57 ng/ml m



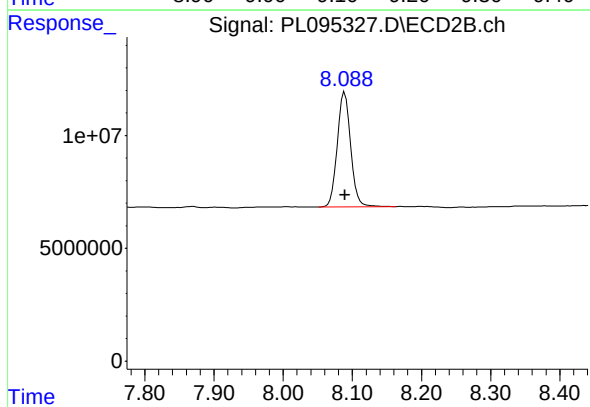
#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: 0.000 min  
Response: 65094644  
Conc: 23.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.089 min  
Delta R.T.: 0.000 min  
Response: 68362526  
Conc: 23.10 ng/ml

**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No. (PEM): PEM - PL095529.D Date Analyzed: 05/05/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:21

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 9.124 | 9.020     | 9.220 | 21.510     | 20.000     | 7.6   |
| Tetrachloro-m-xylene | 3.597 | 3.550     | 3.650 | 20.620     | 20.000     | 3.1   |
| alpha-BHC            | 4.049 | 4.000     | 4.100 | 9.850      | 10.000     | -1.5  |
| beta-BHC             | 4.567 | 4.520     | 4.620 | 10.120     | 10.000     | 1.2   |
| gamma-BHC (Lindane)  | 4.378 | 4.330     | 4.430 | 9.800      | 10.000     | -2.0  |
| Endrin               | 6.623 | 6.550     | 6.690 | 52.130     | 50.000     | 4.3   |
| 4,4'-DDT             | 7.069 | 7.000     | 7.140 | 102.290    | 100.000    | 2.3   |
| Methoxychlor         | 7.540 | 7.470     | 7.610 | 223.800    | 250.000    | -10.5 |

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No. (PEM): PEM - PL095529.D Date Analyzed: 05/05/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:21

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D   |
|----------------------|-------|-----------|-------|------------|------------|------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |      |
| Decachlorobiphenyl   | 8.088 | 7.990     | 8.190 | 24.460     | 20.000     | 22.3 |
| Tetrachloro-m-xylene | 2.907 | 2.860     | 2.960 | 25.540     | 20.000     | 27.7 |
| alpha-BHC            | 3.417 | 3.370     | 3.470 | 14.050     | 10.000     | 40.5 |
| beta-BHC             | 4.044 | 3.990     | 4.090 | 13.360     | 10.000     | 33.6 |
| gamma-BHC (Lindane)  | 3.750 | 3.700     | 3.800 | 13.700     | 10.000     | 37.0 |
| Endrin               | 5.806 | 5.740     | 5.880 | 63.040     | 50.000     | 26.1 |
| 4,4'-DDT             | 6.203 | 6.130     | 6.270 | 122.310    | 100.000    | 22.3 |
| Methoxychlor         | 6.773 | 6.700     | 6.840 | 247.360    | 250.000    | -1.1 |



Data File: PEM  
 PL095529.D Date Acquired 5/5/2025 9:21  
 Operator: AR\AJ

**ENDRIN BREAK DOWN**

Column #1

| Name            | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|-----------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin          | 6.62 | 166035813.5 | 172421585.5           | 6385772.06          | 3.70         |
| Endrin aldehyde | 6.96 | 1393358.023 |                       |                     |              |
| Endrin ketone   | 7.68 | 4992414.037 |                       |                     |              |

Column #2

| Name               | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|--------------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin #2          | 5.81 | 229514835.2 | 241942095.2           | 12427260            | 5.14         |
| Endrin aldehyde #2 | 6.27 | 3016649.668 |                       |                     |              |
| Endrin ketone #2   | 7.00 | 9410610.304 |                       |                     |              |

**DDT BREAK DOWN**

Column #1

| Name     | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|----------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT | 7.07 | 291381156.8 | 300266497                 | 8885340.15            | 2.96         |
| 4,4'-DDE | 6.24 | 530304.95   |                           |                       |              |
| 4,4'-DDD | 6.75 | 8355035.202 |                           |                       |              |

Column #2

| Name        | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|-------------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT #2 | 6.20 | 420288221.4 | 433727664.8               | 13439443.4            | 3.10         |
| 4,4'-DDE #2 | 5.40 | 625312.439  |                           |                       |              |
| 4,4'-DDD #2 | 5.95 | 12814130.97 |                           |                       |              |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095529.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 09:21  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:38:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|----------|
| -----                       |                 |       |       |          |          |         |          |
| System Monitoring Compounds |                 |       |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.597 | 2.907 | 67302005 | 81202314 | 20.615m | 25.537   |
| 28)                         | SA Decachlor... | 9.124 | 8.088 | 59594993 | 72385725 | 21.508  | 24.461   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.049 | 3.417 | 48778304 | 62491172 | 9.847   | 14.047 # |
| 3)                          | MA gamma-BHC... | 4.378 | 3.750 | 46408661 | 60266860 | 9.803m  | 13.703 # |
| 6)                          | B beta-BHC      | 4.567 | 4.044 | 20918275 | 27739627 | 10.118  | 13.363 # |
| 12)                         | B 4,4'-DDE      | 6.238 | 5.397 | 530305   | 625312   | 0.135m  | 0.154m   |
| 14)                         | MA Endrin       | 6.623 | 5.806 | 166.0E6  | 229.5E6  | 52.135m | 63.041   |
| 16)                         | A 4,4'-DDD      | 6.752 | 5.949 | 8355035  | 12814131 | 2.951m  | 3.923 #  |
| 17)                         | MA 4,4'-DDT     | 7.069 | 6.203 | 291.4E6  | 420.3E6  | 102.290 | 122.313  |
| 18)                         | B Endrin al...  | 6.963 | 6.275 | 1393358  | 3016650  | 0.600m  | 1.154m#  |
| 20)                         | A Methoxychlor  | 7.540 | 6.773 | 312.2E6  | 471.8E6  | 223.798 | 247.363  |
| 21)                         | B Endrin ke...  | 7.679 | 7.004 | 4992414  | 9410610  | 1.751   | 2.672 #  |
| -----                       |                 |       |       |          |          |         |          |

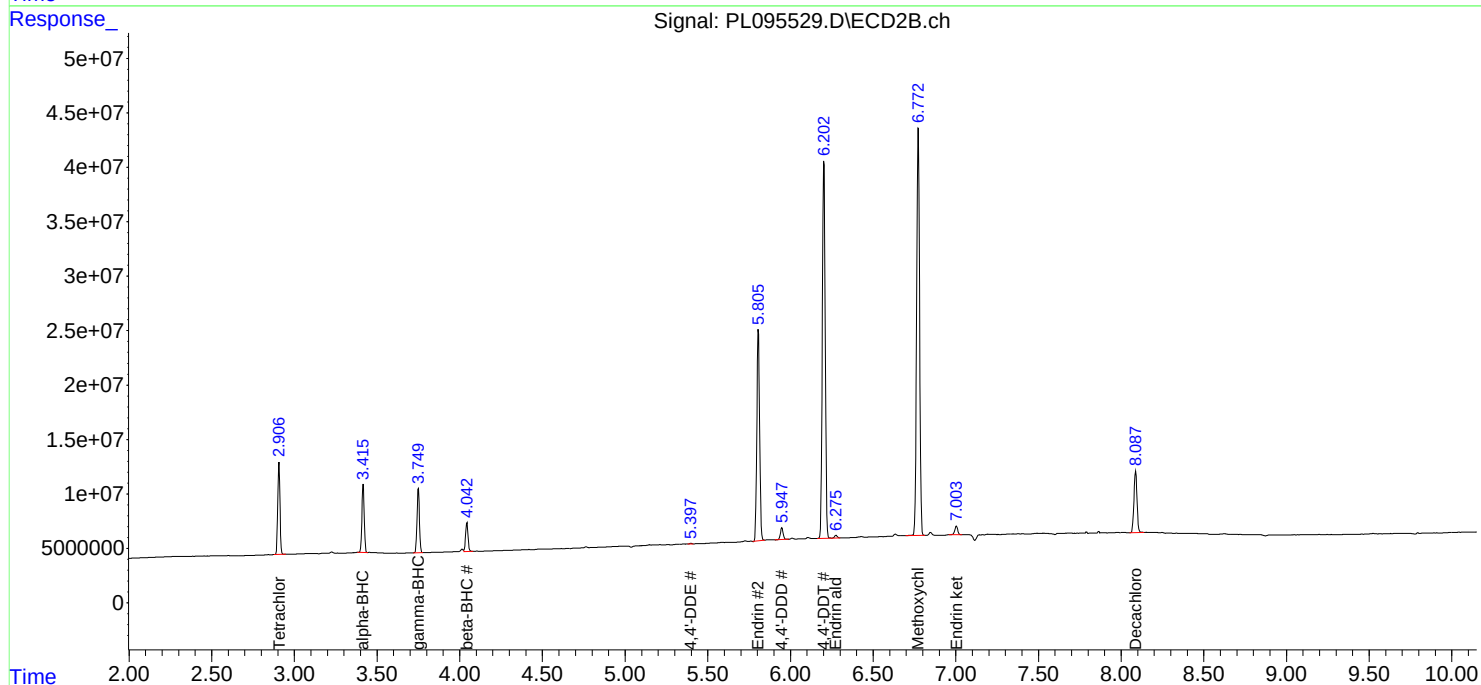
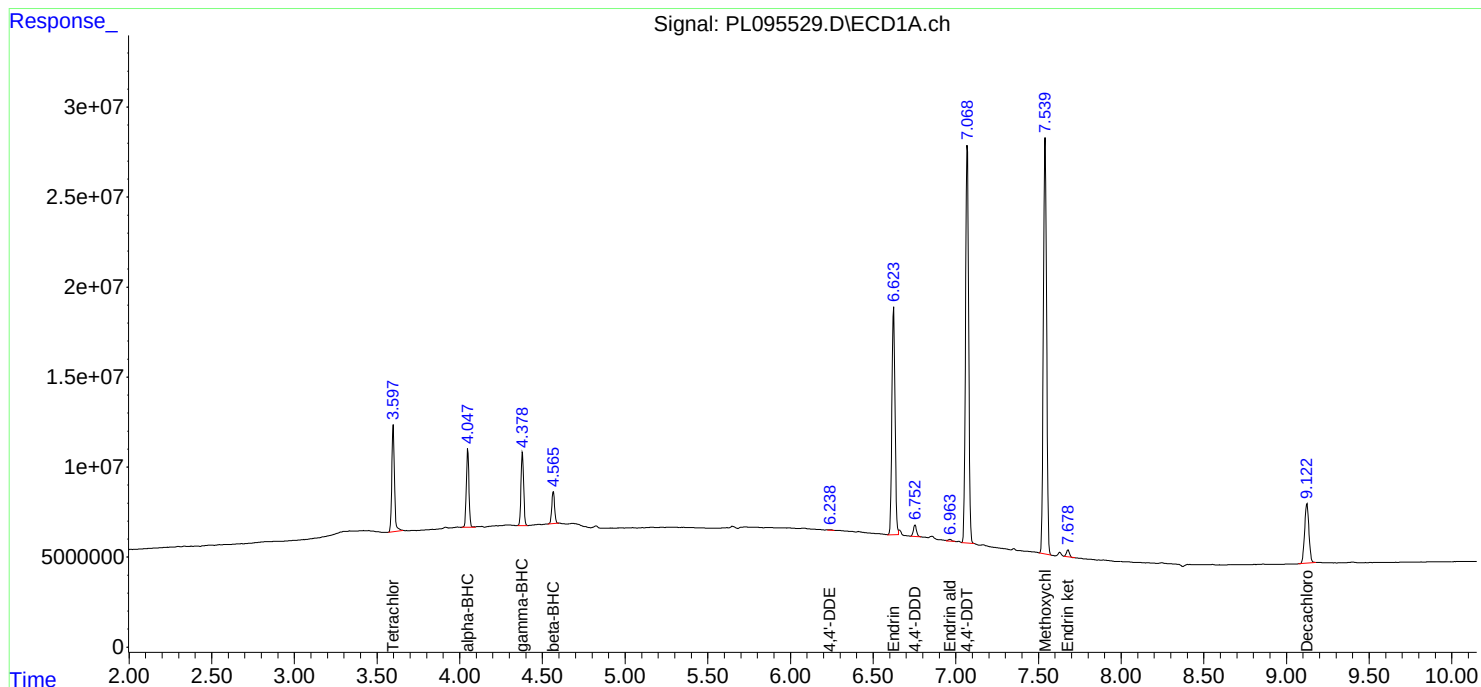
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

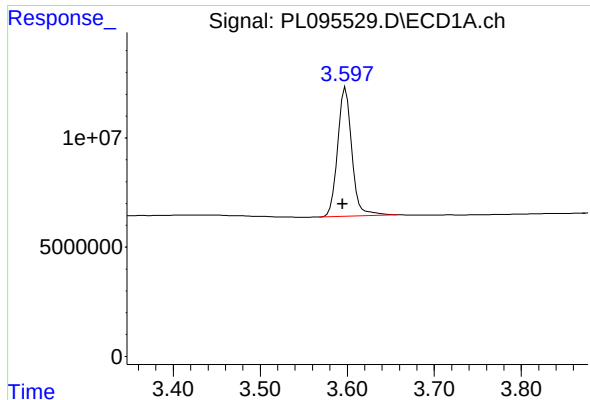
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095529.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 09:21  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:38:05 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

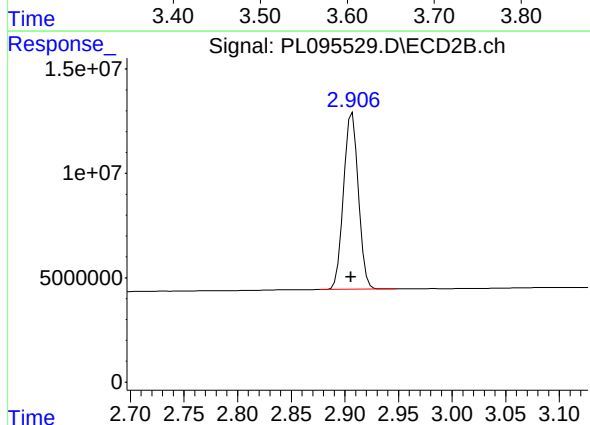




#1 Tetrachloro-m-xylene

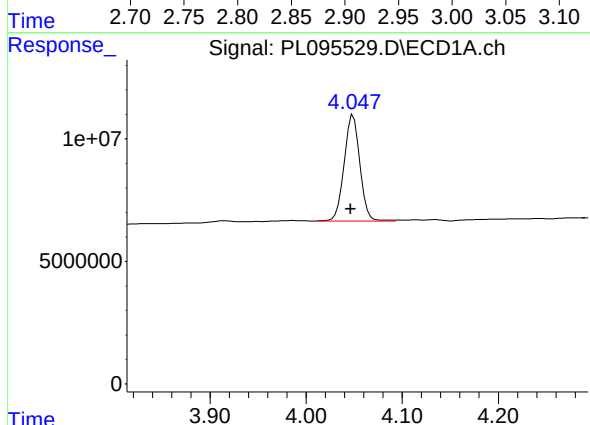
R.T.: 3.597 min  
Delta R.T.: 0.002 min  
Response: 67302005  
Conc: 20.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



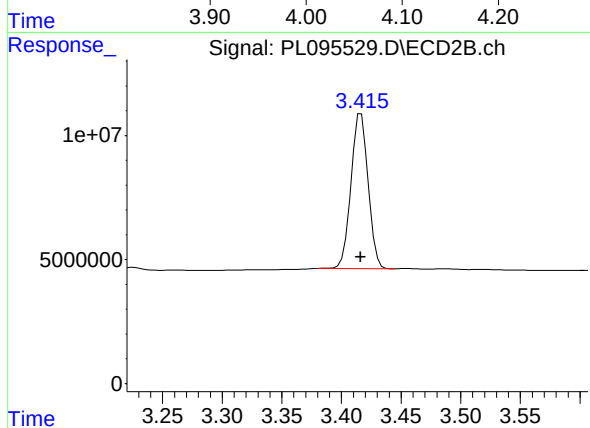
#1 Tetrachloro-m-xylene

R.T.: 2.907 min  
Delta R.T.: 0.001 min  
Response: 81202314  
Conc: 25.54 ng/ml



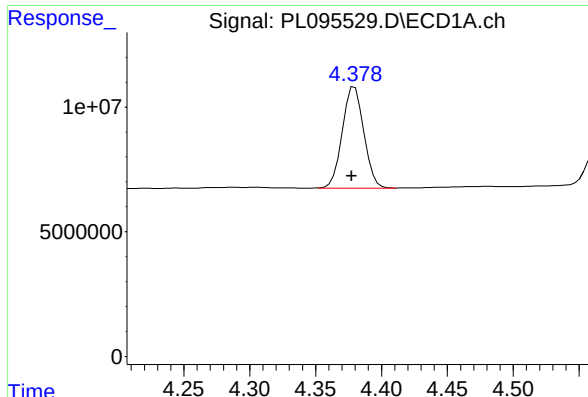
#2 alpha-BHC

R.T.: 4.049 min  
Delta R.T.: 0.003 min  
Response: 48778304  
Conc: 9.85 ng/ml



#2 alpha-BHC

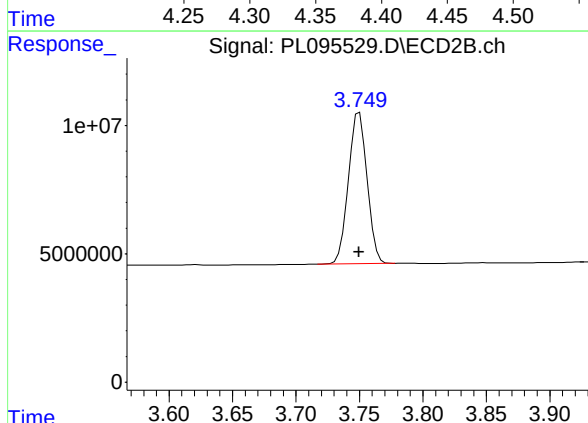
R.T.: 3.417 min  
Delta R.T.: 0.000 min  
Response: 62491172  
Conc: 14.05 ng/ml



#3 gamma-BHC (Lindane)

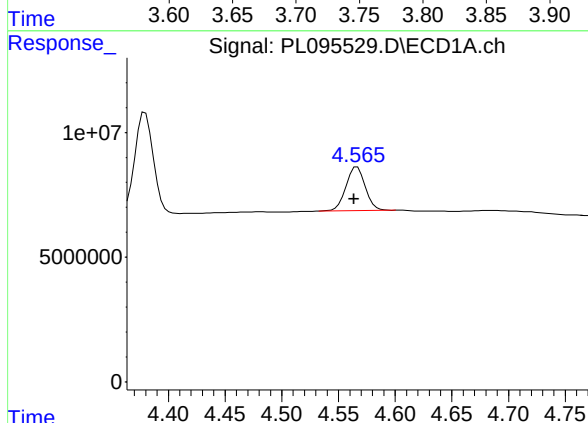
R.T.: 4.378 min  
Delta R.T.: 0.000 min  
Response: 46408661  
Conc: 9.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



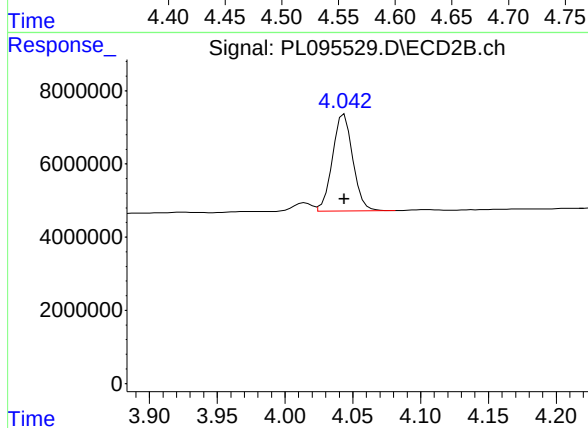
#3 gamma-BHC (Lindane)

R.T.: 3.750 min  
Delta R.T.: 0.000 min  
Response: 60266860  
Conc: 13.70 ng/ml



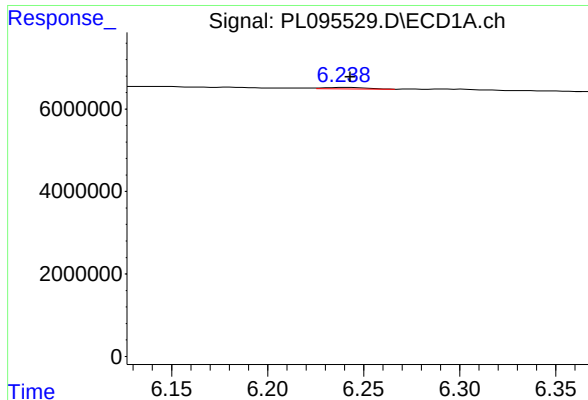
#6 beta-BHC

R.T.: 4.567 min  
Delta R.T.: 0.003 min  
Response: 20918275  
Conc: 10.12 ng/ml



#6 beta-BHC

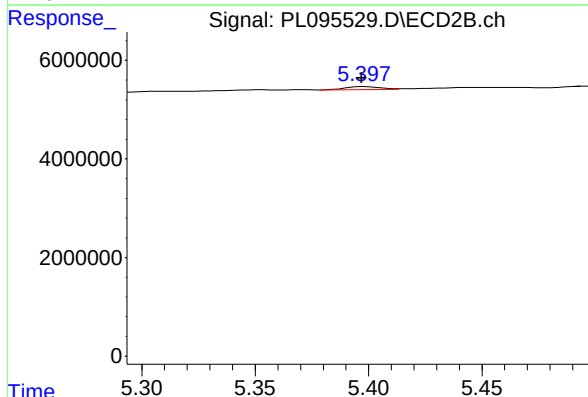
R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 27739627  
Conc: 13.36 ng/ml



#12 4,4'-DDE

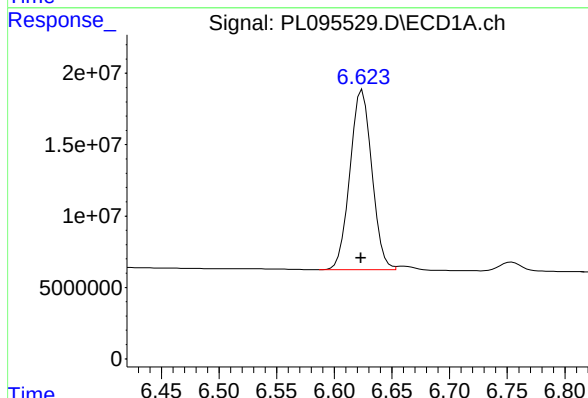
R.T.: 6.238 min  
Delta R.T.: -0.005 min  
Response: 530305  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



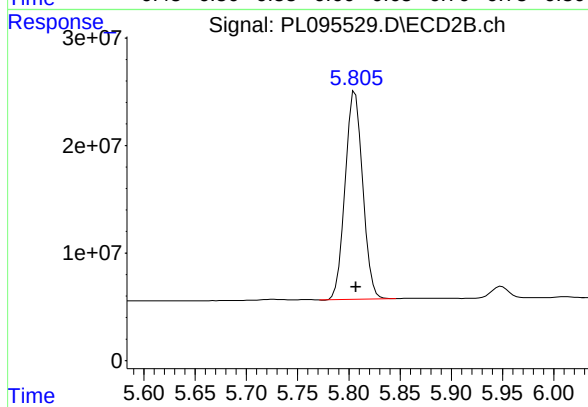
#12 4,4'-DDE

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 625312  
Conc: 0.15 ng/ml m



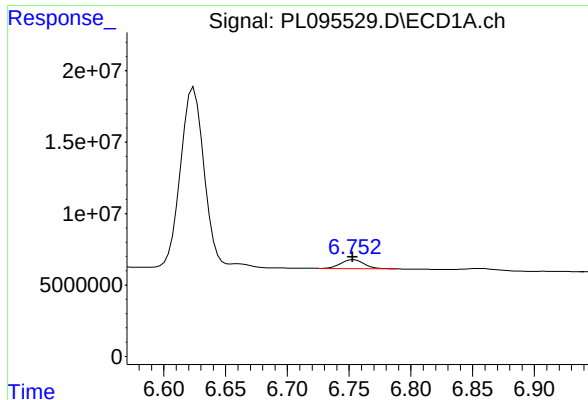
#14 Endrin

R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 166035813  
Conc: 52.13 ng/ml m



#14 Endrin

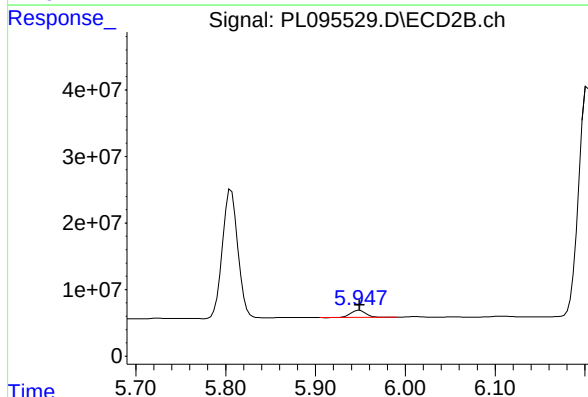
R.T.: 5.806 min  
Delta R.T.: 0.000 min  
Response: 229514835  
Conc: 63.04 ng/ml



#16 4,4'-DDD

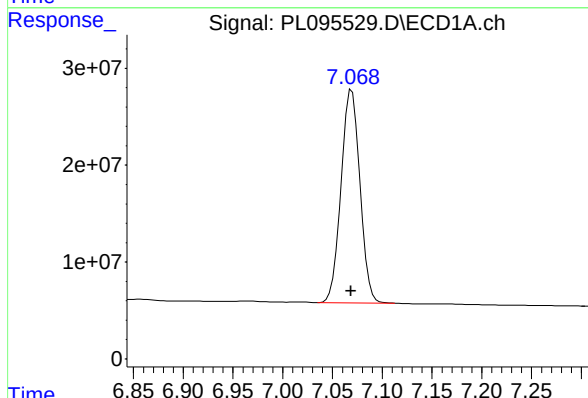
R.T.: 6.752 min  
Delta R.T.: 0.000 min  
Response: 8355035  
Conc: 2.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



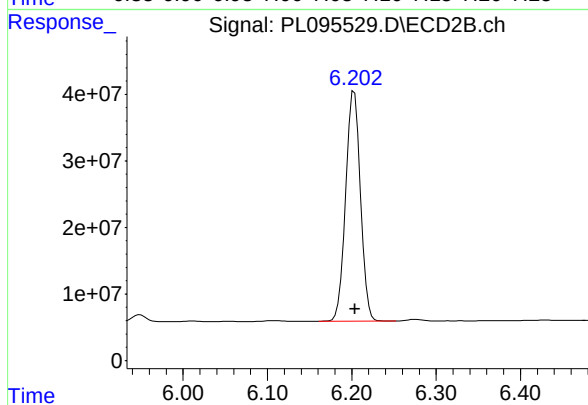
#16 4,4'-DDD

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 12814131  
Conc: 3.92 ng/ml



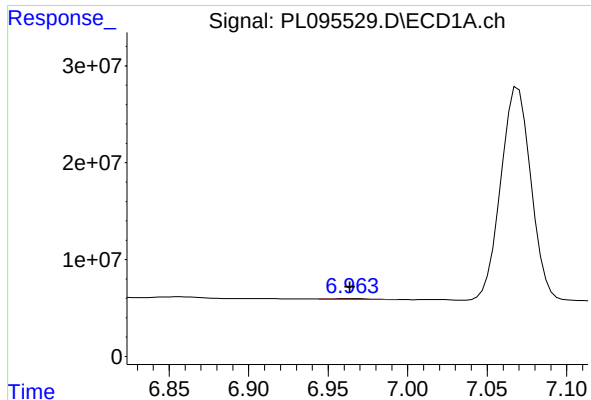
#17 4,4'-DDT

R.T.: 7.069 min  
Delta R.T.: 0.000 min  
Response: 291381157  
Conc: 102.29 ng/ml



#17 4,4'-DDT

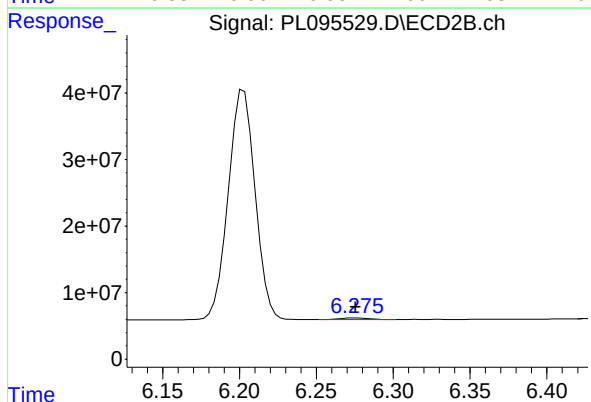
R.T.: 6.203 min  
Delta R.T.: 0.000 min  
Response: 420288221  
Conc: 122.31 ng/ml



#18 Endrin aldehyde

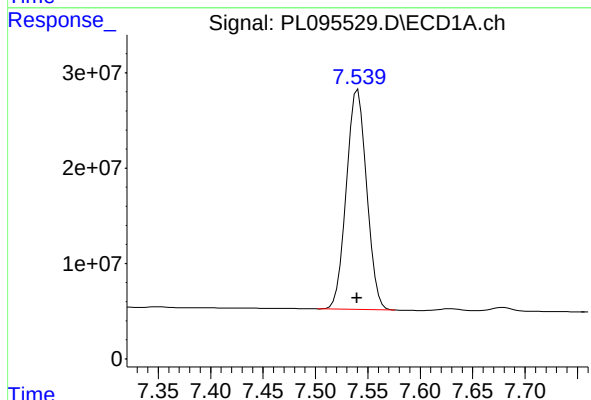
R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 1393358  
Conc: 0.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



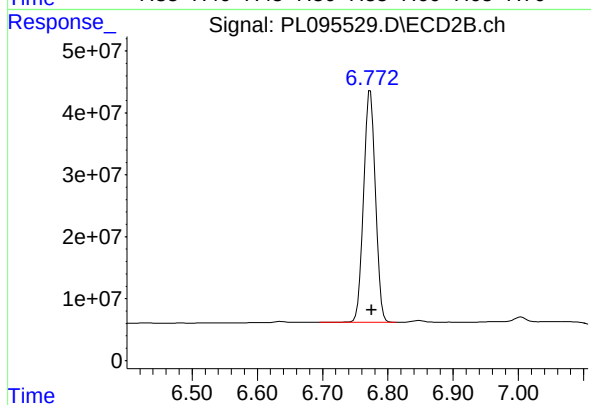
#18 Endrin aldehyde

R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 3016650  
Conc: 1.15 ng/ml m



#20 Methoxychlor

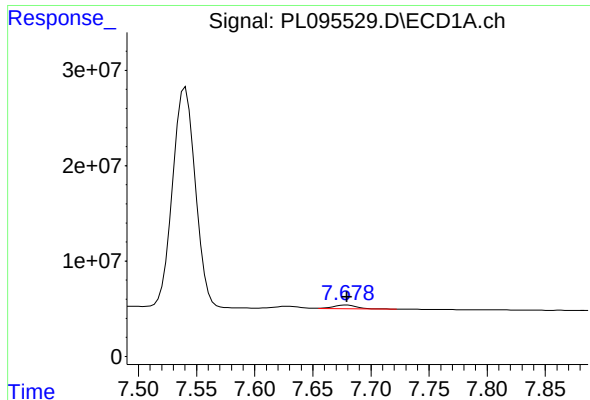
R.T.: 7.540 min  
Delta R.T.: 0.000 min  
Response: 312228164  
Conc: 223.80 ng/ml



#20 Methoxychlor

R.T.: 6.773 min  
Delta R.T.: -0.002 min  
Response: 471827732  
Conc: 247.36 ng/ml

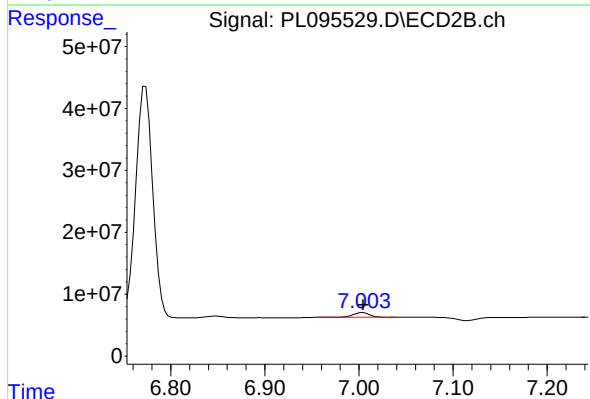




#21 Endrin ketone

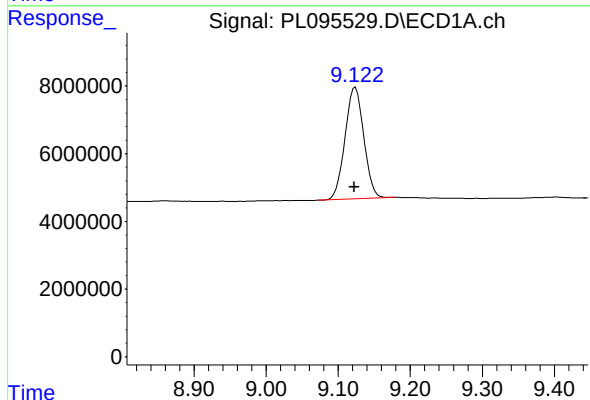
R.T.: 7.679 min  
Delta R.T.: 0.000 min  
Response: 4992414  
Conc: 1.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



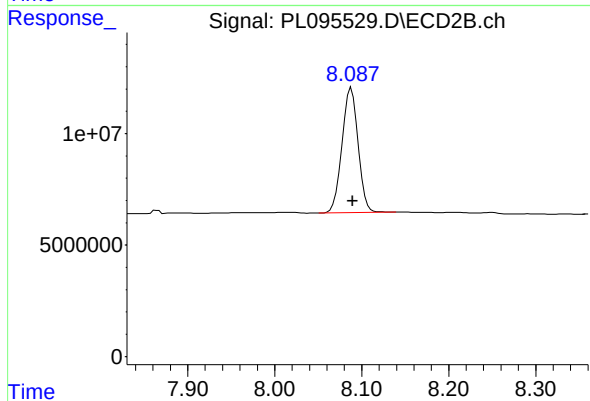
#21 Endrin ketone

R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 9410610  
Conc: 2.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.124 min  
Delta R.T.: 0.002 min  
Response: 59594993  
Conc: 21.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.088 min  
Delta R.T.: -0.002 min  
Response: 72385725  
Conc: 24.46 ng/ml

**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No. (PEM): PEM - PL095546.D Date Analyzed: 05/05/2025

Lab Sample No.(PEM): PEM Time Analyzed: 18:25

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 9.121 | 9.020     | 9.220 | 20.430     | 20.000     | 2.2   |
| Tetrachloro-m-xylene | 3.595 | 3.540     | 3.650 | 19.160     | 20.000     | -4.2  |
| alpha-BHC            | 4.047 | 4.000     | 4.100 | 8.990      | 10.000     | -10.1 |
| beta-BHC             | 4.565 | 4.510     | 4.620 | 9.280      | 10.000     | -7.2  |
| gamma-BHC (Lindane)  | 4.377 | 4.330     | 4.430 | 9.200      | 10.000     | -8.0  |
| Endrin               | 6.623 | 6.550     | 6.690 | 42.950     | 50.000     | -14.1 |
| 4,4'-DDT             | 7.068 | 7.000     | 7.140 | 104.220    | 100.000    | 4.2   |
| Methoxychlor         | 7.539 | 7.470     | 7.610 | 231.250    | 250.000    | -7.5  |

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No. (PEM): PEM - PL095546.D Date Analyzed: 05/05/2025

Lab Sample No.(PEM): PEM Time Analyzed: 18:25

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D   |
|----------------------|-------|-----------|-------|------------|------------|------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |      |
| Decachlorobiphenyl   | 8.085 | 7.980     | 8.190 | 22.160     | 20.000     | 10.8 |
| Tetrachloro-m-xylene | 2.907 | 2.860     | 2.960 | 22.210     | 20.000     | 11.1 |
| alpha-BHC            | 3.416 | 3.370     | 3.470 | 12.060     | 10.000     | 20.6 |
| beta-BHC             | 4.044 | 3.990     | 4.090 | 11.360     | 10.000     | 13.6 |
| gamma-BHC (Lindane)  | 3.750 | 3.700     | 3.800 | 11.720     | 10.000     | 17.2 |
| Endrin               | 5.806 | 5.740     | 5.880 | 55.070     | 50.000     | 10.1 |
| 4,4'-DDT             | 6.202 | 6.130     | 6.270 | 103.190    | 100.000    | 3.2  |
| Methoxychlor         | 6.771 | 6.700     | 6.840 | 236.310    | 250.000    | -5.5 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095546.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 18:25  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:42:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|----------|
| -----                       |                 |       |       |          |          |         |          |
| System Monitoring Compounds |                 |       |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.595 | 2.907 | 62557227 | 70623719 | 19.162m | 22.210   |
| 28)                         | SA Decachlor... | 9.121 | 8.085 | 56601778 | 65588281 | 20.428  | 22.164m  |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.047 | 3.416 | 44546239 | 53654591 | 8.992   | 12.061 # |
| 3)                          | MA gamma-BHC... | 4.377 | 3.750 | 43567819 | 51546374 | 9.203m  | 11.720 # |
| 6)                          | B beta-BHC      | 4.565 | 4.044 | 19192923 | 23573220 | 9.283   | 11.356   |
| 14)                         | MA Endrin       | 6.623 | 5.806 | 136.8E6  | 200.5E6  | 42.947  | 55.075 # |
| 17)                         | MA 4,4'-DDT     | 7.068 | 6.202 | 296.9E6  | 354.6E6  | 104.224 | 103.195  |
| 18)                         | B Endrin al...  | 6.963 | 6.274 | 207510   | 2673641  | 0.089m  | 1.023m#  |
| 20)                         | A Methoxychlor  | 7.539 | 6.771 | 322.6E6  | 450.7E6  | 231.251 | 236.307m |
| 21)                         | B Endrin ke...  | 7.676 | 7.003 | 993355   | 4415755  | 0.348m  | 1.254m#  |
| -----                       |                 |       |       |          |          |         |          |

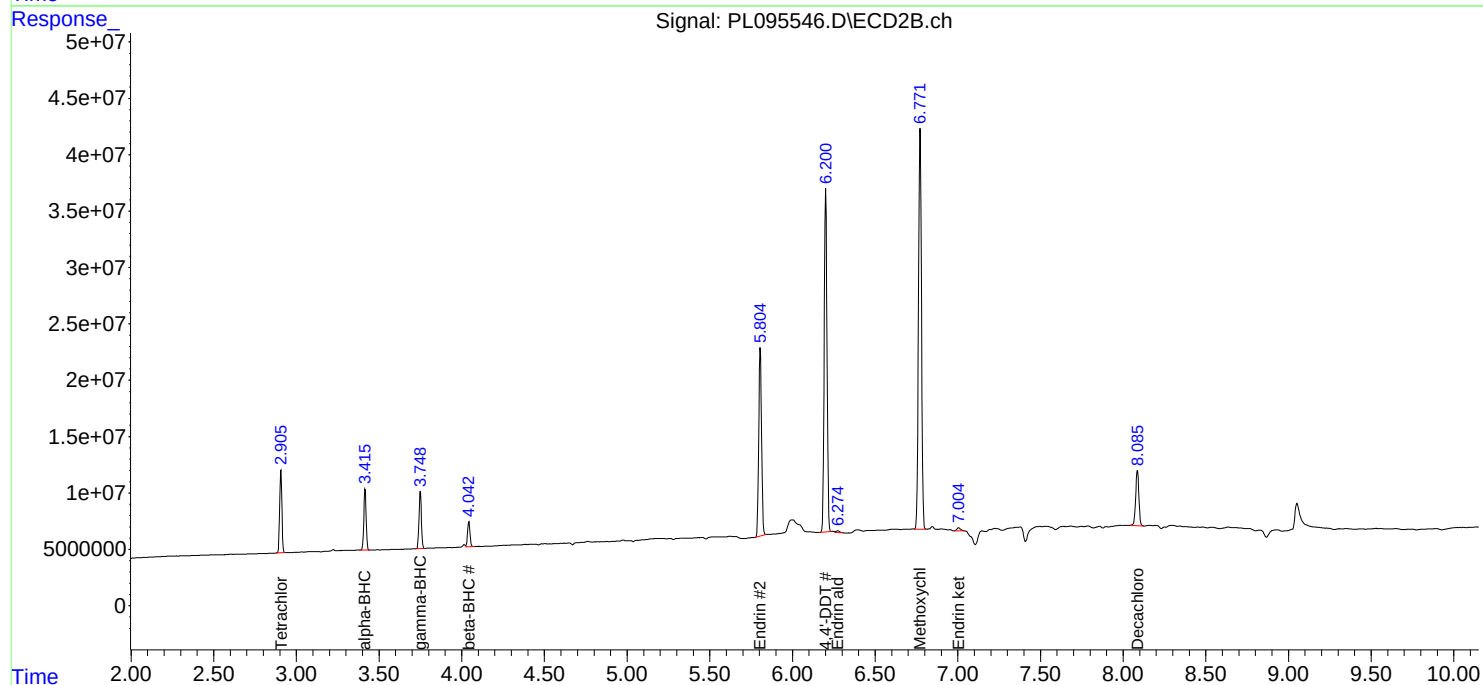
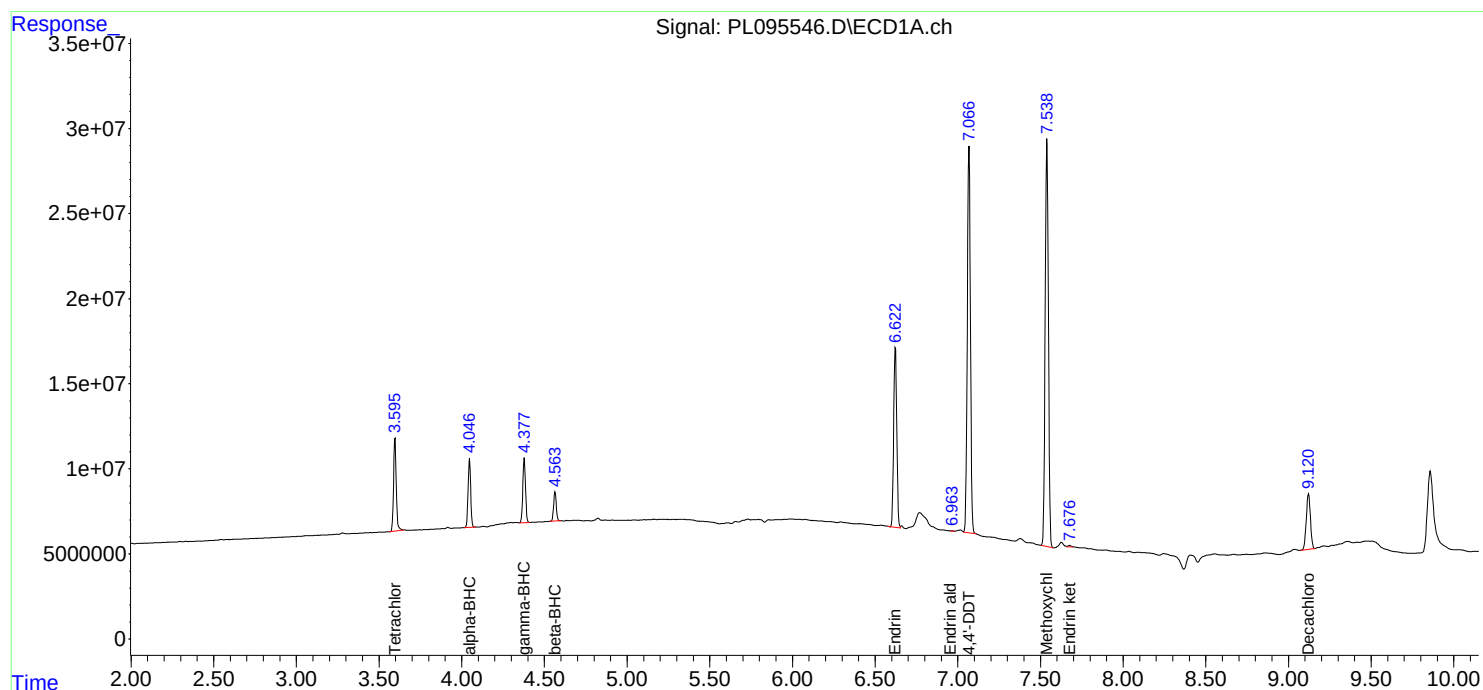
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

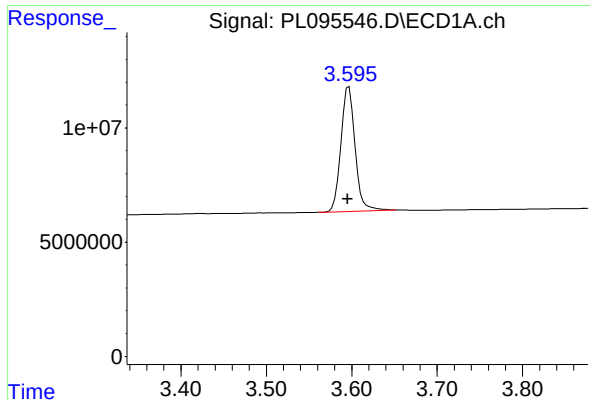
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095546.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 18:25  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:42:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

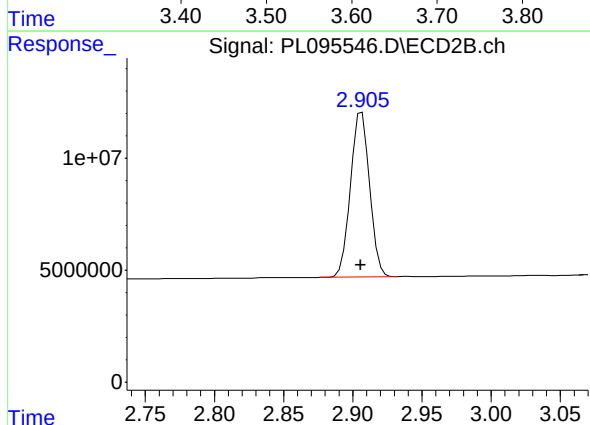




#1 Tetrachloro-m-xylene

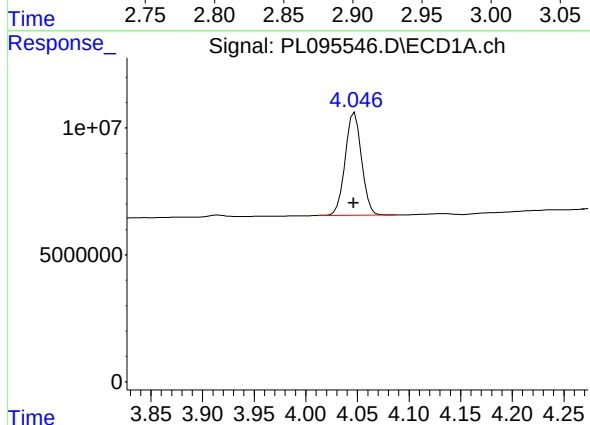
R.T.: 3.595 min  
Delta R.T.: 0.000 min  
Response: 62557227  
Conc: 19.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



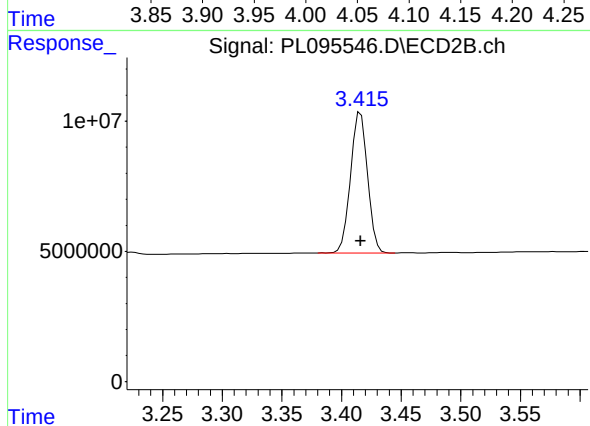
#1 Tetrachloro-m-xylene

R.T.: 2.907 min  
Delta R.T.: 0.000 min  
Response: 70623719  
Conc: 22.21 ng/ml



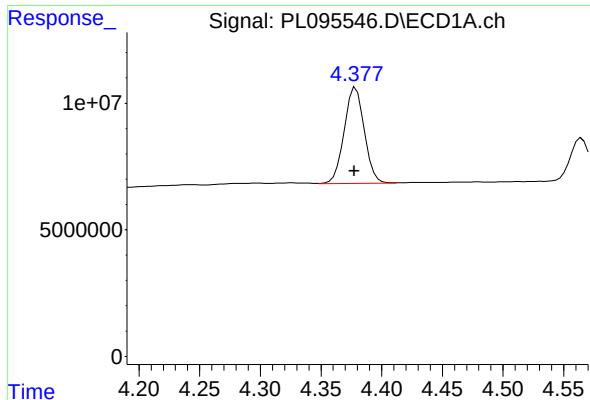
#2 alpha-BHC

R.T.: 4.047 min  
Delta R.T.: 0.001 min  
Response: 44546239  
Conc: 8.99 ng/ml



#2 alpha-BHC

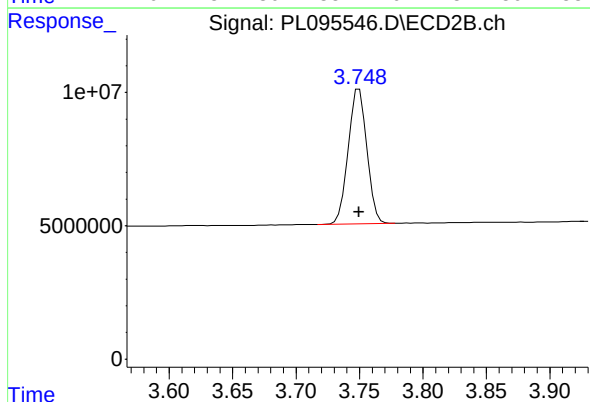
R.T.: 3.416 min  
Delta R.T.: 0.000 min  
Response: 53654591  
Conc: 12.06 ng/ml



#3 gamma-BHC (Lindane)

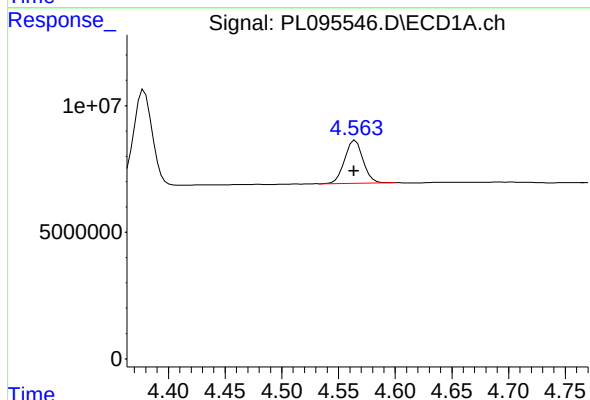
R.T.: 4.377 min  
Delta R.T.: 0.000 min  
Response: 43567819  
Conc: 9.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



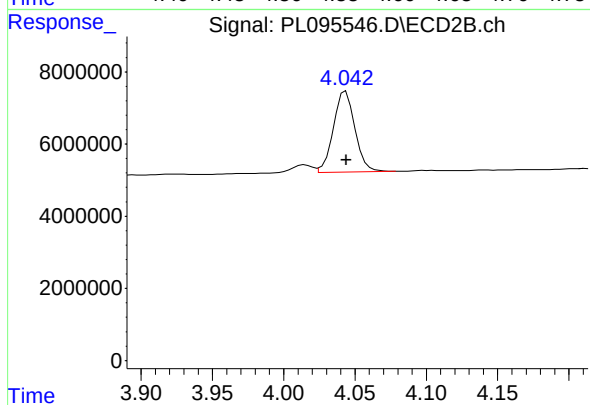
#3 gamma-BHC (Lindane)

R.T.: 3.750 min  
Delta R.T.: 0.000 min  
Response: 51546374  
Conc: 11.72 ng/ml



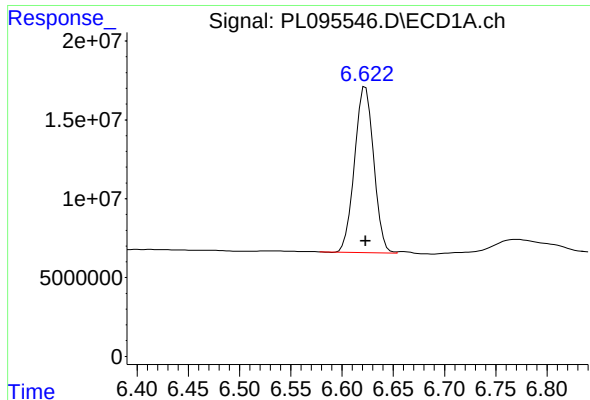
#6 beta-BHC

R.T.: 4.565 min  
Delta R.T.: 0.001 min  
Response: 19192923  
Conc: 9.28 ng/ml



#6 beta-BHC

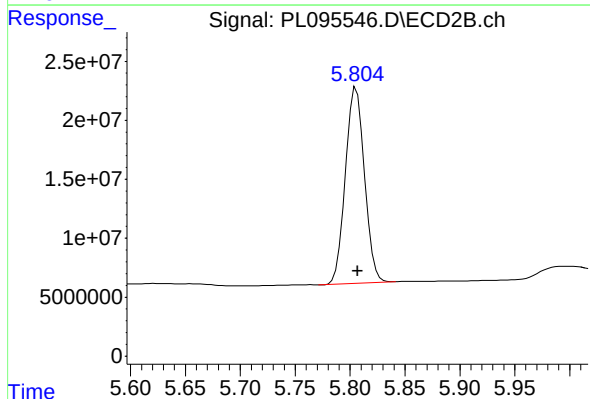
R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 23573220  
Conc: 11.36 ng/ml



#14 Endrin

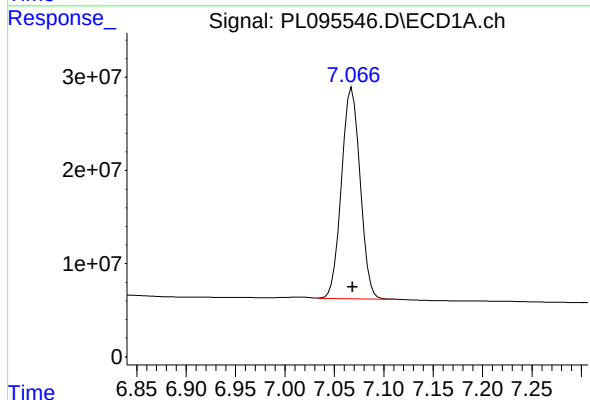
R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 136776386  
Conc: 42.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



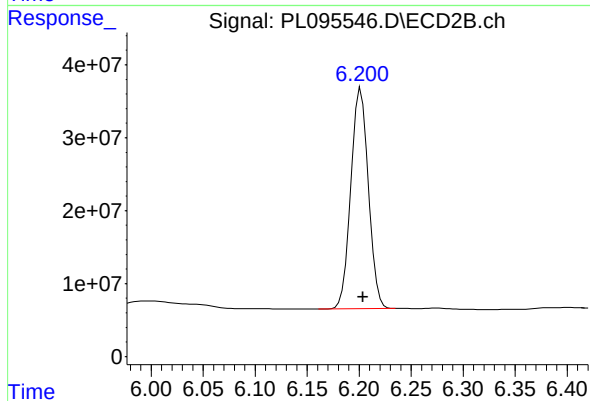
#14 Endrin

R.T.: 5.806 min  
Delta R.T.: -0.001 min  
Response: 200512521  
Conc: 55.07 ng/ml



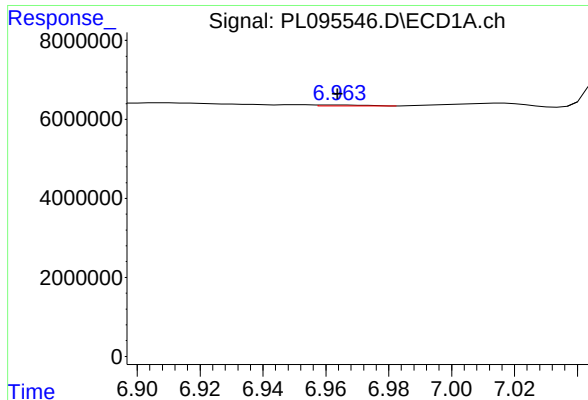
#17 4,4'-DDT

R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 296891544  
Conc: 104.22 ng/ml



#17 4,4'-DDT

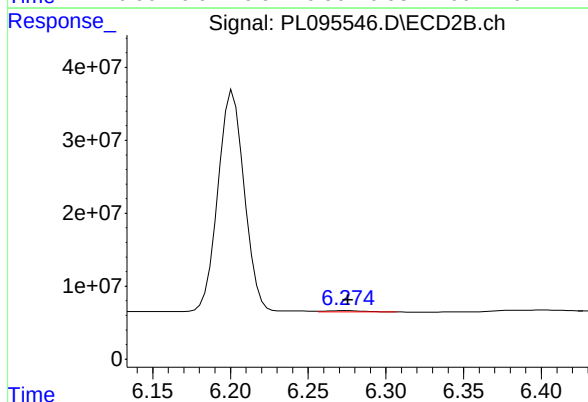
R.T.: 6.202 min  
Delta R.T.: -0.002 min  
Response: 354594995  
Conc: 103.19 ng/ml



#18 Endrin aldehyde

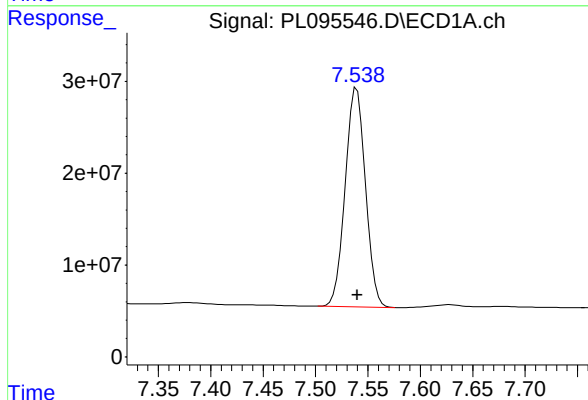
R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 207510  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



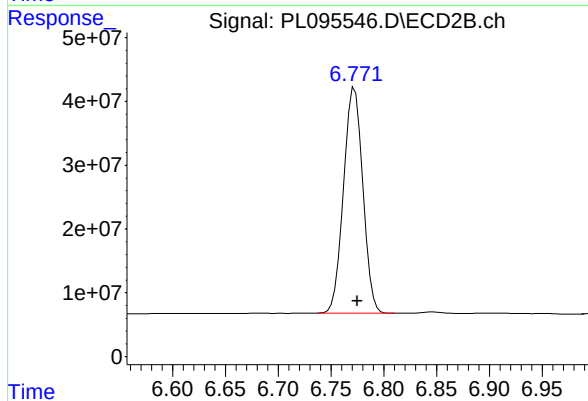
#18 Endrin aldehyde

R.T.: 6.274 min  
Delta R.T.: -0.002 min  
Response: 2673641  
Conc: 1.02 ng/ml m



#20 Methoxychlor

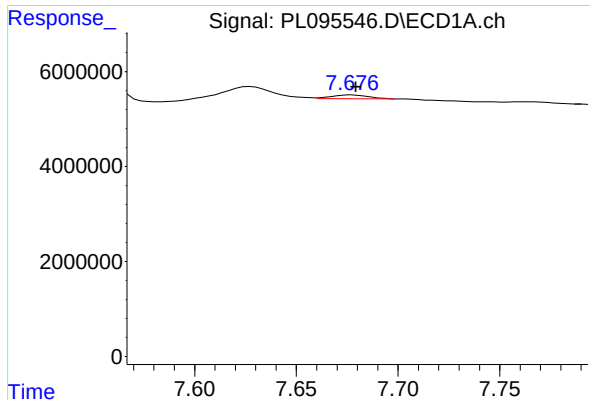
R.T.: 7.539 min  
Delta R.T.: 0.000 min  
Response: 322625241  
Conc: 231.25 ng/ml



#20 Methoxychlor

R.T.: 6.771 min  
Delta R.T.: -0.004 min  
Response: 450738842  
Conc: 236.31 ng/ml m

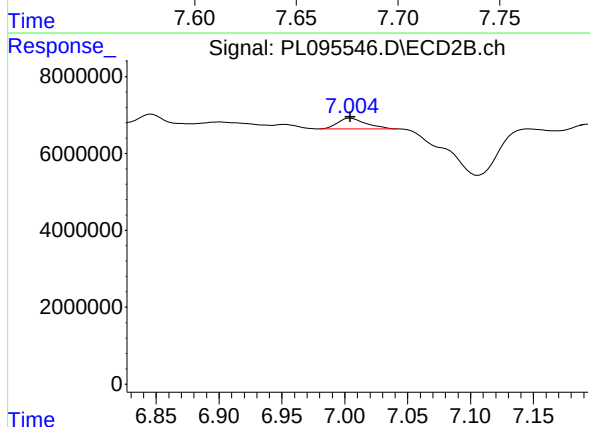




#21 Endrin ketone

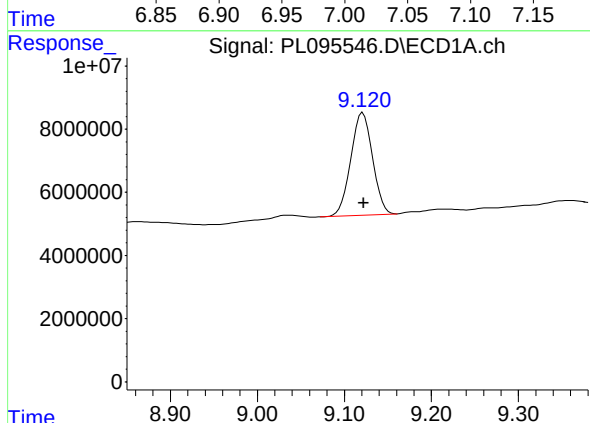
R.T.: 7.676 min  
Delta R.T.: -0.003 min  
Response: 993355  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



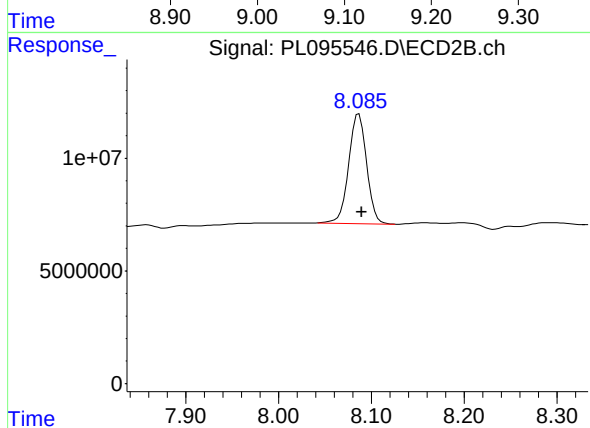
#21 Endrin ketone

R.T.: 7.003 min  
Delta R.T.: 0.000 min  
Response: 4415755  
Conc: 1.25 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: 0.000 min  
Response: 56601778  
Conc: 20.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.085 min  
Delta R.T.: -0.004 min  
Response: 65588281  
Conc: 22.16 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095328.D  
Acq On : 23 Apr 2025 11:18  
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\PL042325.M  
Title : GC Extractables  
Last Update : Wed Apr 23 14:07:39 2025  
Integrator: ChemStation

| RT#1  | RT#2  | Resolution |
|-------|-------|------------|
| 3.594 | 5.992 | 100.00%    |
| 5.992 | 6.122 | 100.00%    |
| 6.122 | 6.242 | 100.00%    |
| 6.242 | 6.395 | 100.00%    |
| 6.395 | 7.197 | 100.00%    |
| 7.197 | 7.539 | 100.00%    |
| 7.539 | 7.678 | 100.00%    |
| 7.678 | 9.122 | 100.00%    |

## Signal #2

|       |       |         |
|-------|-------|---------|
| 2.906 | 5.145 | 100.00% |
| 5.145 | 5.266 | 100.00% |
| 5.266 | 5.397 | 100.00% |
| 5.397 | 5.531 | 100.00% |
| 5.531 | 6.498 | 100.00% |
| 6.498 | 6.775 | 100.00% |
| 6.775 | 7.004 | 100.00% |
| 7.004 | 8.089 | 100.00% |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
 Data File : PL095328.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 11:18  
 Operator : AR\AJ  
 Sample : RESCHK  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 RESCHK

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
 Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 14:09:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 14:07:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.594 | 2.906 | 62004694 | 61272348 | 18.993 | 19.270 |
| 28) SA Decachlor...         | 9.122 | 8.089 | 53403082 | 56912207 | 19.273 | 19.232 |
| Target Compounds            |       |       |          |          |        |        |
| 9) A Endosulfan I           | 6.122 | 5.266 | 32613312 | 32263148 | 8.588  | 8.814  |
| 10) B gamma-Chl...          | 5.992 | 5.144 | 37114775 | 37866092 | 9.098  | 9.343m |
| 12) B 4,4'-DDE              | 6.242 | 5.397 | 74307748 | 78460494 | 18.953 | 19.292 |
| 13) MA Dieldrin             | 6.395 | 5.531 | 71017950 | 76605618 | 18.423 | 18.836 |
| 19) B Endosulfa...          | 7.197 | 6.498 | 53082691 | 63329750 | 18.946 | 19.087 |
| 20) A Methoxychlor          | 7.539 | 6.775 | 125.8E6  | 173.2E6  | 90.164 | 90.816 |
| 21) B Endrin ke...          | 7.678 | 7.004 | 53522821 | 65934818 | 18.774 | 18.725 |
| -----                       |       |       |          |          |        |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095328.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 11:18  
Operator : AR\AJ  
Sample : RESCHK  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

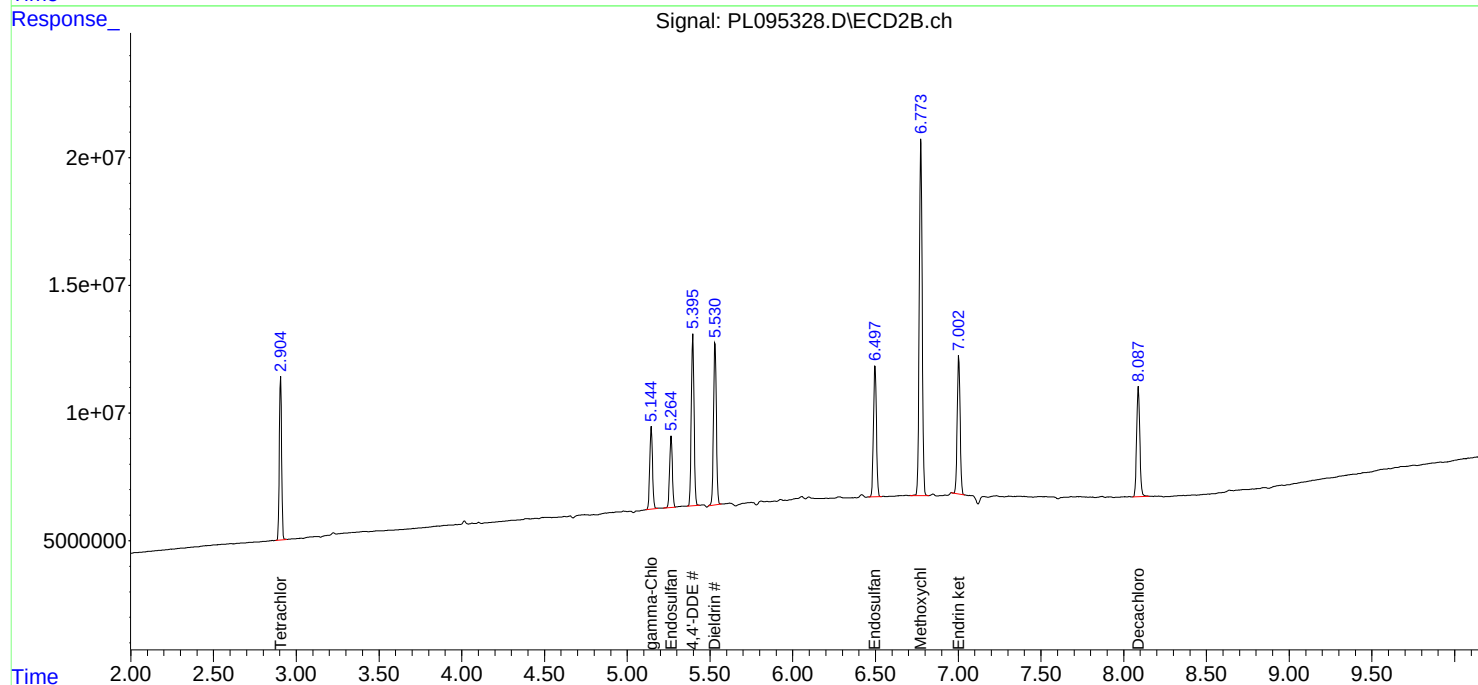
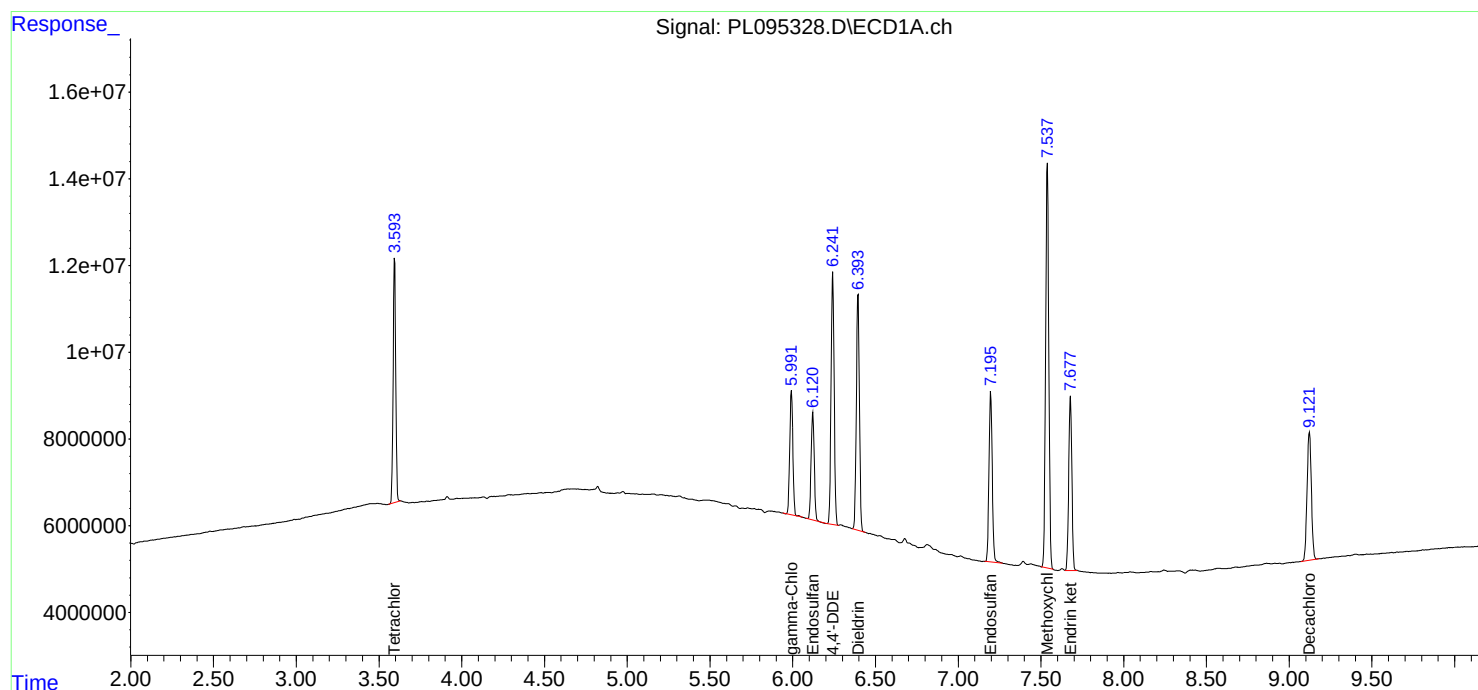
Instrument :  
ECD\_L  
ClientSampleId :  
RESCHK

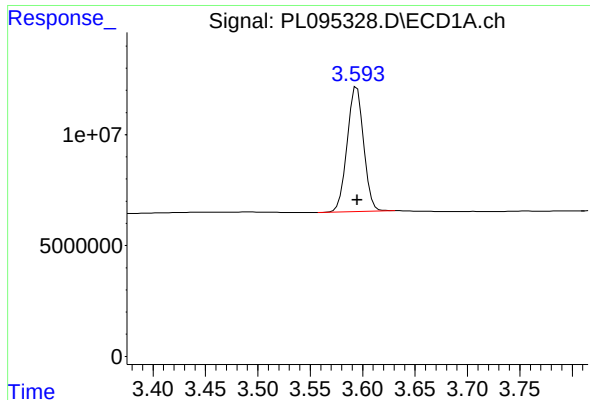
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 04/24/2025  
Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 14:09:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 14:07:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





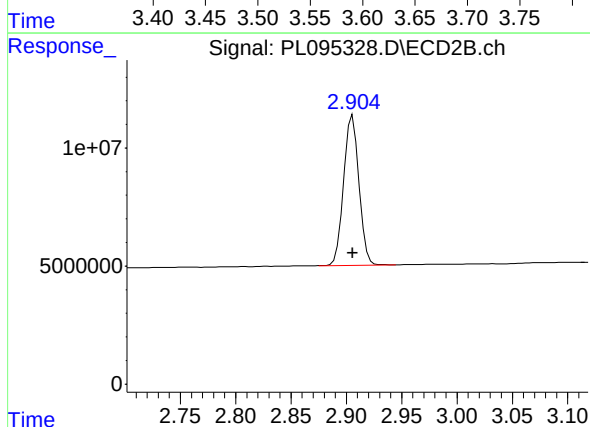
#1 Tetrachloro-m-xylene

R.T.: 3.594 min  
Delta R.T.: 0.000 min  
Response: 62004694  
Conc: 18.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RESCHK

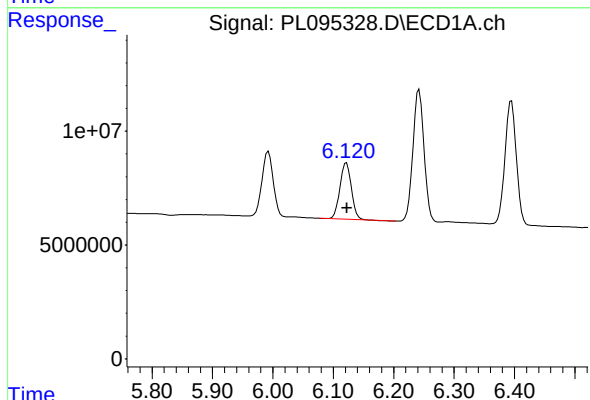
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



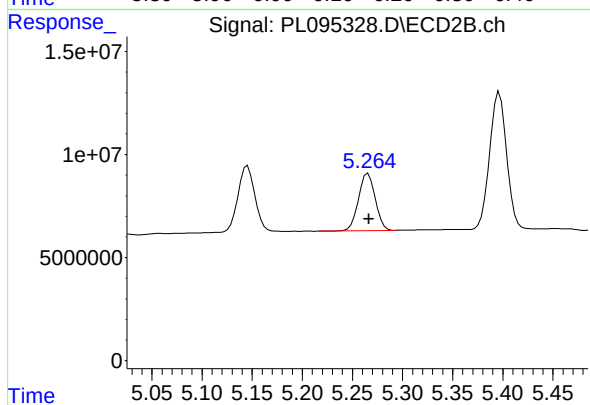
#1 Tetrachloro-m-xylene

R.T.: 2.906 min  
Delta R.T.: 0.000 min  
Response: 61272348  
Conc: 19.27 ng/ml



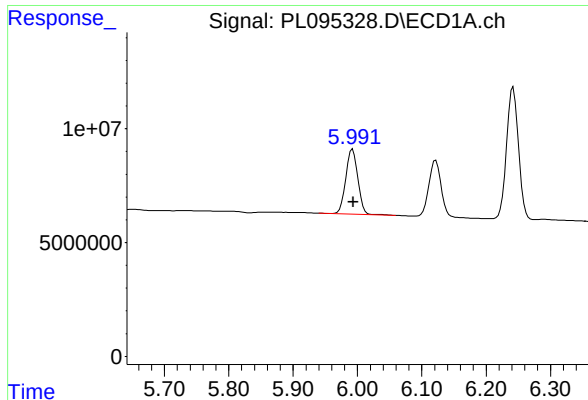
#9 Endosulfan I

R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 32613312  
Conc: 8.59 ng/ml



#9 Endosulfan I

R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 32263148  
Conc: 8.81 ng/ml



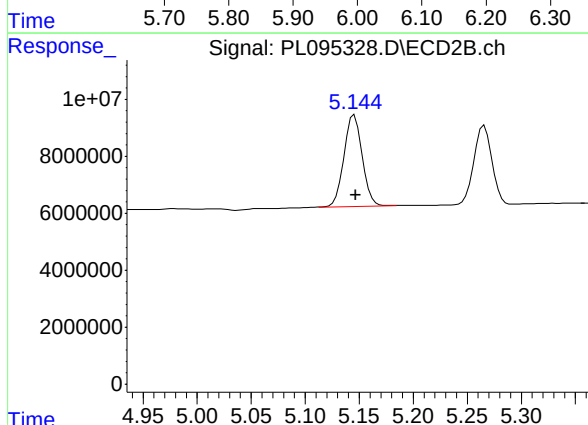
#10 gamma-Chlordane

R.T.: 5.992 min  
Delta R.T.: -0.001 min  
Response: 37114775  
Conc: 9.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RESCHK

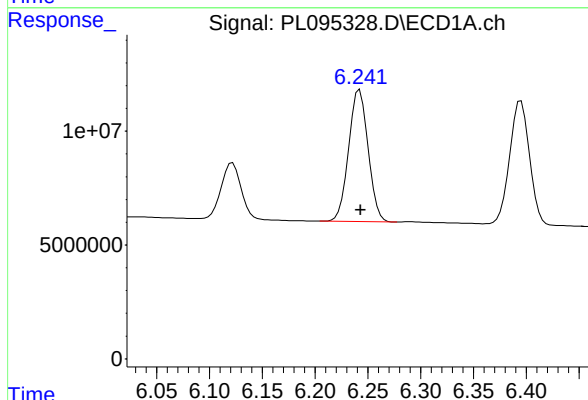
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



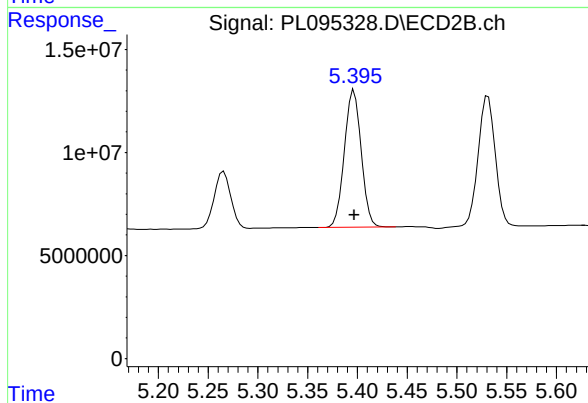
#10 gamma-Chlordane

R.T.: 5.144 min  
Delta R.T.: -0.003 min  
Response: 37866092  
Conc: 9.34 ng/ml



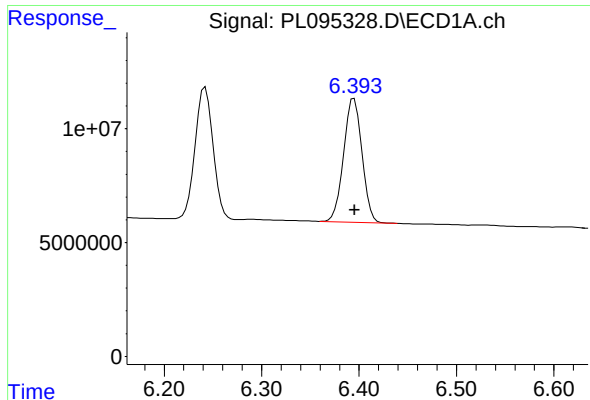
#12 4,4'-DDE

R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 74307748  
Conc: 18.95 ng/ml



#12 4,4'-DDE

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 78460494  
Conc: 19.29 ng/ml



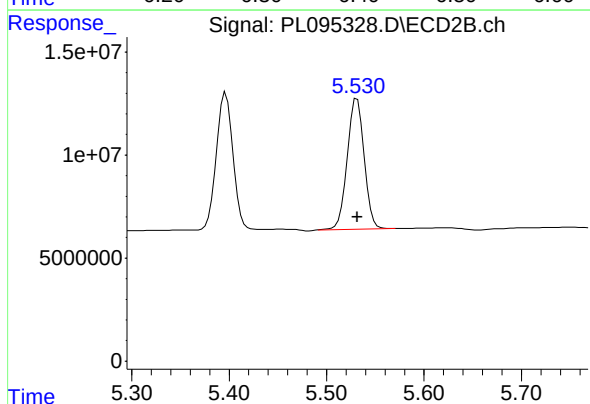
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: 0.000 min  
Response: 71017950  
Conc: 18.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RESCHK

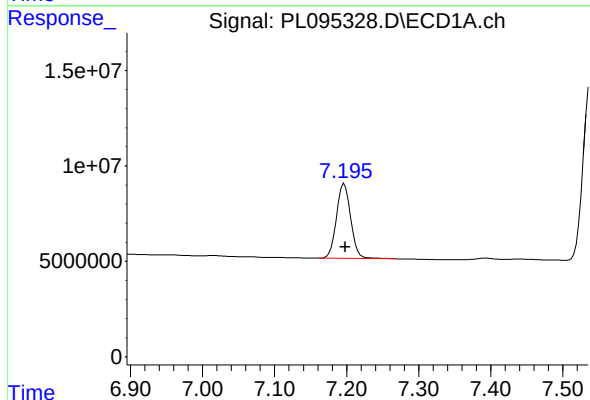
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



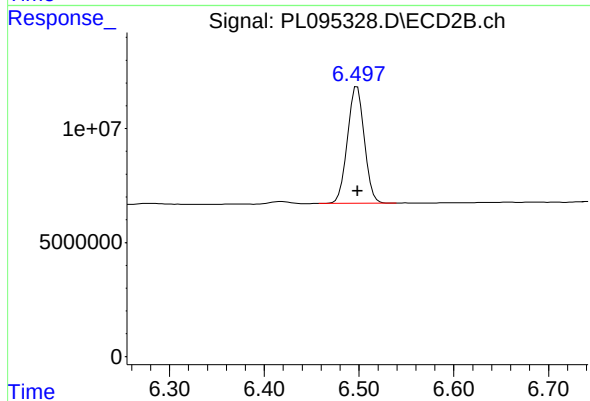
#13 Dieldrin

R.T.: 5.531 min  
Delta R.T.: 0.000 min  
Response: 76605618  
Conc: 18.84 ng/ml



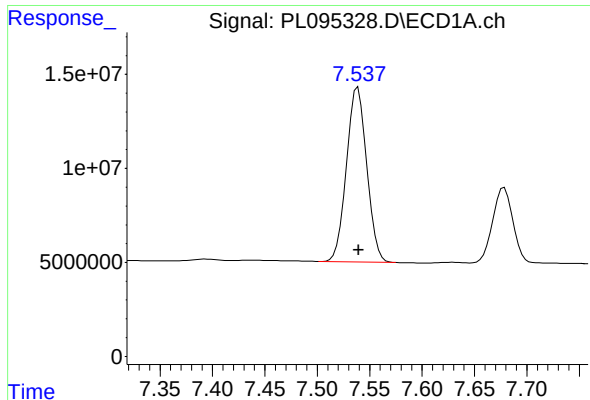
#19 Endosulfan Sulfate

R.T.: 7.197 min  
Delta R.T.: -0.001 min  
Response: 53082691  
Conc: 18.95 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 63329750  
Conc: 19.09 ng/ml



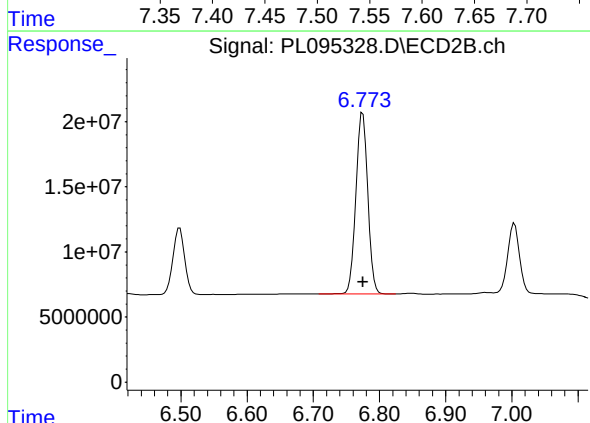
#20 Methoxychlor

R.T.: 7.539 min  
Delta R.T.: 0.000 min  
Response: 125791271  
Conc: 90.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RESCHK

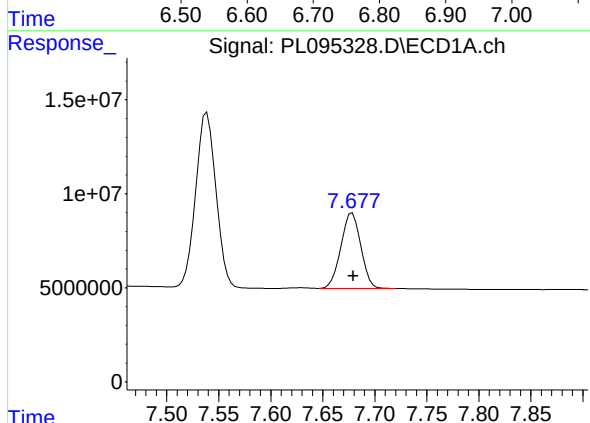
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



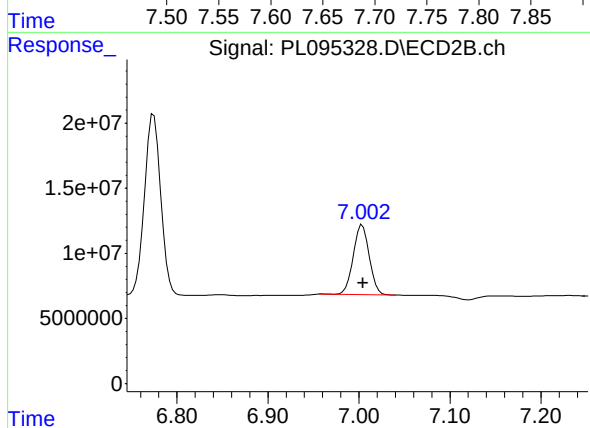
#20 Methoxychlor

R.T.: 6.775 min  
Delta R.T.: 0.000 min  
Response: 173224939  
Conc: 90.82 ng/ml



#21 Endrin ketone

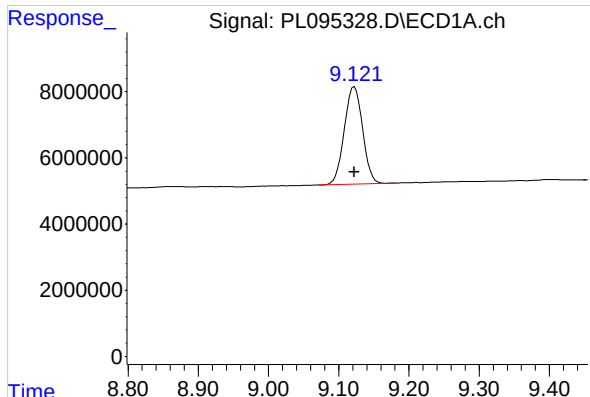
R.T.: 7.678 min  
Delta R.T.: 0.000 min  
Response: 53522821  
Conc: 18.77 ng/ml



#21 Endrin ketone

R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 65934818  
Conc: 18.72 ng/ml





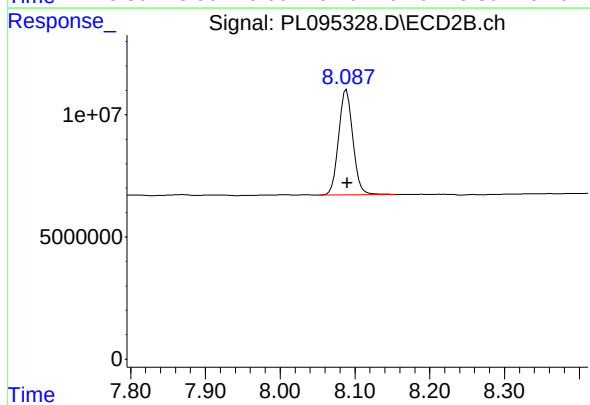
#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: 0.000 min  
Response: 53403082  
Conc: 19.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RESCHK

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/24/2025  
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.089 min  
Delta R.T.: 0.000 min  
Response: 56912207  
Conc: 19.23 ng/ml

## Analytical Sequence

**Client:** Saxton Falls Sand and Gravel Co. Inc.

**SDG No.:** Q1937

**Project:** Stan Hope

**Instrument ID:** ECD\_L

**GC Column:** ZB-MR1

**ID:** 0.32 (mm)

**Inst. Calib. Date(s):** 04/23/2025

04/23/2025

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 04/23/2025       | 10:50            | PL095326.D | 9.12        | 3.59        |
| PEM               | PEM              | 04/23/2025       | 11:04            | PL095327.D | 9.12        | 3.59        |
| RESCHK            | RESCHK           | 04/23/2025       | 11:18            | PL095328.D | 9.12        | 3.59        |
| PSTDICC100        | PSTDICC100       | 04/23/2025       | 11:31            | PL095329.D | 9.12        | 3.60        |
| PSTDICC075        | PSTDICC075       | 04/23/2025       | 11:45            | PL095330.D | 9.12        | 3.60        |
| PSTDICC050        | PSTDICC050       | 04/23/2025       | 11:59            | PL095331.D | 9.12        | 3.60        |
| PSTDICC025        | PSTDICC025       | 04/23/2025       | 12:12            | PL095332.D | 9.12        | 3.60        |
| PSTDICC005        | PSTDICC005       | 04/23/2025       | 12:26            | PL095333.D | 9.12        | 3.60        |
| PCHLORICC500      | PCHLORICC500     | 04/23/2025       | 13:07            | PL095336.D | 9.12        | 3.60        |
| PTOXICC500        | PTOXICC500       | 04/23/2025       | 14:32            | PL095341.D | 9.12        | 3.59        |
| IBLK              | IBLK             | 05/05/2025       | 08:14            | PL095528.D | 9.12        | 3.60        |
| PEM               | PEM              | 05/05/2025       | 09:21            | PL095529.D | 9.12        | 3.60        |
| PSTDCCC050        | PSTDCCC050       | 05/05/2025       | 09:35            | PL095530.D | 9.12        | 3.59        |
| PB167854BL        | PB167854BL       | 05/05/2025       | 12:37            | PL095531.D | 9.13        | 3.60        |
| PB167854BS        | PB167854BS       | 05/05/2025       | 13:25            | PL095532.D | 9.12        | 3.60        |
| SMALL-PILE-AMS    | Q1936-01MS       | 05/05/2025       | 15:06            | PL095539.D | 9.11        | 3.59        |
| SMALL-PILE-AMSD   | Q1936-01MSD      | 05/05/2025       | 15:19            | PL095540.D | 9.11        | 3.59        |
| LARGE-PILE-A      | Q1937-01         | 05/05/2025       | 16:42            | PL095544.D | 9.11        | 3.59        |
| IBLK              | IBLK             | 05/05/2025       | 16:56            | PL095545.D | 9.12        | 3.59        |
| PEM               | PEM              | 05/05/2025       | 18:25            | PL095546.D | 9.12        | 3.60        |
| PSTDCCC050        | PSTDCCC050       | 05/05/2025       | 18:39            | PL095547.D | 9.12        | 3.59        |
| LARGE-PILE-B      | Q1937-03         | 05/05/2025       | 19:07            | PL095548.D | 9.12        | 3.59        |
| LARGE-PILE-C      | Q1937-05         | 05/05/2025       | 19:21            | PL095549.D | 9.12        | 3.59        |
| LARGE-PILE-D      | Q1937-07         | 05/05/2025       | 19:34            | PL095550.D | 9.12        | 3.59        |
| LARGE-PILE-E      | Q1937-09         | 05/05/2025       | 19:48            | PL095551.D | 9.11        | 3.59        |
| LARGE-PILE-F      | Q1937-11         | 05/05/2025       | 20:02            | PL095552.D | 9.11        | 3.59        |
| IBLK              | IBLK             | 05/05/2025       | 21:11            | PL095557.D | 9.11        | 3.59        |
| PSTDCCC050        | PSTDCCC050       | 05/05/2025       | 21:25            | PL095558.D | 9.11        | 3.59        |

## Analytical Sequence

**Client:** Saxton Falls Sand and Gravel Co. Inc.

**SDG No.:** Q1937

**Project:** Stan Hope

**Instrument ID:** ECD\_L

**GC Column:** ZB-MR2

**ID:** 0.32 (mm)

**Inst. Calib. Date(s):** 04/23/2025

04/23/2025

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 04/23/2025       | 10:50            | PL095326.D | 8.09        | 2.91        |
| PEM               | PEM              | 04/23/2025       | 11:04            | PL095327.D | 8.09        | 2.91        |
| RESCHK            | RESCHK           | 04/23/2025       | 11:18            | PL095328.D | 8.09        | 2.91        |
| PSTDICC100        | PSTDICC100       | 04/23/2025       | 11:31            | PL095329.D | 8.09        | 2.91        |
| PSTDICC075        | PSTDICC075       | 04/23/2025       | 11:45            | PL095330.D | 8.09        | 2.91        |
| PSTDICC050        | PSTDICC050       | 04/23/2025       | 11:59            | PL095331.D | 8.09        | 2.91        |
| PSTDICC025        | PSTDICC025       | 04/23/2025       | 12:12            | PL095332.D | 8.09        | 2.91        |
| PSTDICC005        | PSTDICC005       | 04/23/2025       | 12:26            | PL095333.D | 8.09        | 2.91        |
| PCHLORICC500      | PCHLORICC500     | 04/23/2025       | 13:07            | PL095336.D | 8.09        | 2.91        |
| PTOXICC500        | PTOXICC500       | 04/23/2025       | 14:32            | PL095341.D | 8.09        | 2.91        |
| IBLK              | IBLK             | 05/05/2025       | 08:14            | PL095528.D | 8.09        | 2.91        |
| PEM               | PEM              | 05/05/2025       | 09:21            | PL095529.D | 8.09        | 2.91        |
| PSTDCCC050        | PSTDCCC050       | 05/05/2025       | 09:35            | PL095530.D | 8.09        | 2.91        |
| PB167854BL        | PB167854BL       | 05/05/2025       | 12:37            | PL095531.D | 8.09        | 2.91        |
| PB167854BS        | PB167854BS       | 05/05/2025       | 13:25            | PL095532.D | 8.09        | 2.91        |
| SMALL-PILE-AMS    | Q1936-01MS       | 05/05/2025       | 15:06            | PL095539.D | 8.08        | 2.91        |
| SMALL-PILE-AMSD   | Q1936-01MSD      | 05/05/2025       | 15:19            | PL095540.D | 8.08        | 2.91        |
| LARGE-PILE-A      | Q1937-01         | 05/05/2025       | 16:42            | PL095544.D | 8.09        | 2.91        |
| IBLK              | IBLK             | 05/05/2025       | 16:56            | PL095545.D | 8.09        | 2.91        |
| PEM               | PEM              | 05/05/2025       | 18:25            | PL095546.D | 8.09        | 2.91        |
| PSTDCCC050        | PSTDCCC050       | 05/05/2025       | 18:39            | PL095547.D | 8.09        | 2.91        |
| LARGE-PILE-B      | Q1937-03         | 05/05/2025       | 19:07            | PL095548.D | 8.09        | 2.91        |
| LARGE-PILE-C      | Q1937-05         | 05/05/2025       | 19:21            | PL095549.D | 8.09        | 2.91        |
| LARGE-PILE-D      | Q1937-07         | 05/05/2025       | 19:34            | PL095550.D | 8.09        | 2.91        |
| LARGE-PILE-E      | Q1937-09         | 05/05/2025       | 19:48            | PL095551.D | 8.09        | 2.91        |
| LARGE-PILE-F      | Q1937-11         | 05/05/2025       | 20:02            | PL095552.D | 8.08        | 2.91        |
| IBLK              | IBLK             | 05/05/2025       | 21:11            | PL095557.D | 8.09        | 2.91        |
| PSTDCCC050        | PSTDCCC050       | 05/05/2025       | 21:25            | PL095558.D | 8.09        | 2.91        |

# COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

LARGE-PILE-D

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937

SAS No.: Q1937 SDG NO.: Q1937

Lab Sample ID: Q1937-07

Date(s) Analyzed: 05/05/2025 05/05/2025

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

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

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

| ANALYTE            | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|--------------------|-----|------|-----------|------|---------------|------|
|                    |     |      | FROM      | TO   |               |      |
| Endosulfan sulfate | 1   | 7.21 | 7.16      | 7.26 | 0.42          | 20.4 |
|                    | 2   | 6.49 | 6.44      | 6.54 | 0.51          |      |
| Dieldrin           | 1   | 6.39 | 6.34      | 6.44 | 0.18          | 12.8 |
|                    | 2   | 5.53 | 5.48      | 5.58 | 0.20          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

LARGE-PILE-E

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937

SAS No.: Q1937 SDG NO.: Q1937

Lab Sample ID: Q1937-09

Date(s) Analyzed: 05/05/2025 05/05/2025

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

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

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

| ANALYTE            | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD  |
|--------------------|-----|------|-----------|------|---------------|-------|
|                    |     |      | FROM      | TO   |               |       |
| Endosulfan sulfate | 1   | 7.21 | 7.16      | 7.26 | 0.74          | 11.9  |
|                    | 2   | 6.49 | 6.44      | 6.54 | 0.84          |       |
| alpha-Chlordane    | 1   | 6.08 | 6.03      | 6.13 | 0.63          | 119.7 |
|                    | 2   | 5.21 | 5.16      | 5.26 | 0.16          |       |
| 4,4'-DDE           | 1   | 6.24 | 6.19      | 6.29 | 0.23          | 11.8  |
|                    | 2   | 5.40 | 5.35      | 5.45 | 0.26          |       |
| Dieldrin           | 1   | 6.39 | 6.34      | 6.44 | 0.24          | 26    |
|                    | 2   | 5.53 | 5.48      | 5.58 | 0.31          |       |
| Endrin             | 1   | 6.62 | 6.57      | 6.67 | 0.26          | 30.9  |
|                    | 2   | 5.81 | 5.76      | 5.86 | 0.35          |       |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

LARGE-PILE-F

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937

SAS No.: Q1937 SDG NO.: Q1937

Lab Sample ID: Q1937-11

Date(s) Analyzed: 05/05/2025 05/05/2025

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

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

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

| ANALYTE            | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|--------------------|-----|------|-----------|------|---------------|------|
|                    |     |      | FROM      | TO   |               |      |
| Endosulfan sulfate | 1   | 7.19 | 7.14      | 7.24 | 0.45          | 40.3 |
|                    | 2   | 6.49 | 6.44      | 6.54 | 0.68          |      |
| Dieldrin           | 1   | 6.39 | 6.34      | 6.44 | 0.24          | 5.9  |
|                    | 2   | 5.53 | 5.48      | 5.58 | 0.26          |      |
| Endrin             | 1   | 6.62 | 6.57      | 6.67 | 0.27          | 2.7  |
|                    | 2   | 5.81 | 5.76      | 5.86 | 0.27          |      |

# COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167854BS

Contract: SAXT01

Lab Code: CHEM

Case No.: Q1937

SAS No.: Q1937

SDG NO.: Q1937

Lab Sample ID: PB167854BS

Date(s) Analyzed: 05/05/2025

05/05/2025

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

| ANALYTE            | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|--------------------|-----|------|-----------|------|---------------|------|
|                    |     |      | FROM      | TO   |               |      |
| 4,4'-DDD           | 1   | 6.75 | 6.70      | 6.80 | 17.9          | 13.1 |
|                    | 2   | 5.95 | 5.90      | 6.00 | 20.4          |      |
| 4,4'-DDE           | 1   | 6.24 | 6.19      | 6.29 | 16.5          | 9.8  |
|                    | 2   | 5.40 | 5.35      | 5.45 | 18.2          |      |
| 4,4'-DDT           | 1   | 7.07 | 7.02      | 7.12 | 16.1          | 7.2  |
|                    | 2   | 6.20 | 6.15      | 6.25 | 17.3          |      |
| alpha-BHC          | 1   | 4.05 | 4.00      | 4.10 | 15.1          | 29.9 |
|                    | 2   | 3.42 | 3.37      | 3.47 | 20.4          |      |
| Aldrin             | 1   | 5.32 | 5.27      | 5.37 | 16.2          | 22   |
|                    | 2   | 4.39 | 4.34      | 4.44 | 20.2          |      |
| alpha-Chlordane    | 1   | 6.07 | 6.02      | 6.12 | 16.8          | 13.3 |
|                    | 2   | 5.21 | 5.16      | 5.26 | 19.2          |      |
| Endosulfan II      | 1   | 6.83 | 6.78      | 6.88 | 17.6          | 9.2  |
|                    | 2   | 6.10 | 6.05      | 6.15 | 19.3          |      |
| Endosulfan sulfate | 1   | 7.20 | 7.15      | 7.25 | 17.0          | 12.7 |
|                    | 2   | 6.50 | 6.45      | 6.55 | 19.3          |      |
| beta-BHC           | 1   | 4.56 | 4.51      | 4.61 | 15.1          | 19.2 |
|                    | 2   | 4.05 | 4.00      | 4.10 | 18.3          |      |
| delta-BHC          | 1   | 4.81 | 4.76      | 4.86 | 15.3          | 26.6 |
|                    | 2   | 4.28 | 4.23      | 4.33 | 20.0          |      |
| Endosulfan I       | 1   | 6.12 | 6.07      | 6.17 | 16.6          | 16.6 |
|                    | 2   | 5.27 | 5.22      | 5.32 | 19.6          |      |
| Dieldrin           | 1   | 6.39 | 6.34      | 6.44 | 16.8          | 15.4 |
|                    | 2   | 5.53 | 5.48      | 5.58 | 19.6          |      |
| Endrin aldehyde    | 1   | 6.96 | 6.91      | 7.01 | 17.5          | 12.8 |
|                    | 2   | 6.28 | 6.23      | 6.33 | 19.9          |      |
| Methoxychlor       | 1   | 7.54 | 7.49      | 7.59 | 14.9          | 14.3 |
|                    | 2   | 6.77 | 6.72      | 6.82 | 17.2          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167854BS

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937

SAS No.: Q1937 SDG NO.: Q1937

Lab Sample ID: PB167854BS

Date(s) Analyzed: 05/05/2025 05/05/2025

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

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

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

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Endrin ketone       | 1   | 7.68 | 7.63      | 7.73 | 17.5          | 20.1 |
|                     | 2   | 7.00 | 6.95      | 7.05 | 21.4          |      |
| gamma-BHC (Lindane) | 1   | 4.38 | 4.33      | 4.43 | 15.1          | 25.4 |
|                     | 2   | 3.75 | 3.70      | 3.80 | 19.5          |      |
| Heptachlor          | 1   | 4.97 | 4.92      | 5.02 | 15.1          | 22.4 |
|                     | 2   | 4.11 | 4.06      | 4.16 | 18.9          |      |
| Heptachlor epoxide  | 1   | 5.74 | 5.69      | 5.79 | 16.9          | 14.3 |
|                     | 2   | 4.89 | 4.84      | 4.94 | 19.5          |      |
| gamma-Chlordane     | 1   | 5.99 | 5.94      | 6.04 | 17.0          | 13.2 |
|                     | 2   | 5.15 | 5.10      | 5.20 | 19.4          |      |
| Endrin              | 1   | 6.62 | 6.57      | 6.67 | 16.0          | 6.1  |
|                     | 2   | 5.81 | 5.76      | 5.86 | 17.0          |      |



### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SMALL-PILE-AMS

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937

SAS No.: Q1937 SDG NO.: Q1937

Lab Sample ID: Q1936-01MS

Date(s) Analyzed: 05/05/2025 05/05/2025

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

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

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

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| 4,4'-DDD            | 1   | 6.75 | 6.70      | 6.80 | 20.5          | 19.8 |
|                     | 2   | 5.95 | 5.90      | 6.00 | 25.0          |      |
| 4,4'-DDT            | 1   | 7.06 | 7.01      | 7.11 | 18.1          | 22.1 |
|                     | 2   | 6.20 | 6.15      | 6.25 | 22.6          |      |
| alpha-BHC           | 1   | 4.04 | 3.99      | 4.09 | 18.0          | 35.2 |
|                     | 2   | 3.42 | 3.37      | 3.47 | 25.7          |      |
| Aldrin              | 1   | 5.31 | 5.26      | 5.36 | 19.2          | 25.5 |
|                     | 2   | 4.39 | 4.34      | 4.44 | 24.8          |      |
| beta-BHC            | 1   | 4.56 | 4.51      | 4.61 | 17.7          | 24.8 |
|                     | 2   | 4.05 | 4.00      | 4.10 | 22.7          |      |
| alpha-Chlordane     | 1   | 6.07 | 6.02      | 6.12 | 19.3          | 20   |
|                     | 2   | 5.21 | 5.16      | 5.26 | 23.6          |      |
| 4,4'-DDE            | 1   | 6.24 | 6.19      | 6.29 | 19.2          | 19.7 |
|                     | 2   | 5.40 | 5.35      | 5.45 | 23.4          |      |
| Endosulfan II       | 1   | 6.83 | 6.78      | 6.88 | 19.9          | 19.1 |
|                     | 2   | 6.10 | 6.05      | 6.15 | 24.1          |      |
| Endrin aldehyde     | 1   | 6.96 | 6.91      | 7.01 | 19.3          | 19.2 |
|                     | 2   | 6.27 | 6.22      | 6.32 | 23.4          |      |
| Endosulfan sulfate  | 1   | 7.19 | 7.14      | 7.24 | 19.2          | 16.7 |
|                     | 2   | 6.50 | 6.45      | 6.55 | 22.7          |      |
| Methoxychlor        | 1   | 7.53 | 7.48      | 7.58 | 16.8          | 22.2 |
|                     | 2   | 6.77 | 6.72      | 6.82 | 21.0          |      |
| Endrin ketone       | 1   | 7.67 | 7.62      | 7.72 | 19.3          | 26.9 |
|                     | 2   | 7.00 | 6.95      | 7.05 | 25.3          |      |
| gamma-BHC (Lindane) | 1   | 4.37 | 4.32      | 4.42 | 18.1          | 29.6 |
|                     | 2   | 3.75 | 3.70      | 3.80 | 24.4          |      |
| Heptachlor          | 1   | 4.97 | 4.92      | 5.02 | 17.8          | 26.3 |
|                     | 2   | 4.11 | 4.06      | 4.16 | 23.2          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SMALL-PILE-AMS

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937

SAS No.: Q1937 SDG NO.: Q1937

Lab Sample ID: Q1936-01MS

Date(s) Analyzed: 05/05/2025 05/05/2025

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

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

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

| ANALYTE            | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|--------------------|-----|------|-----------|------|---------------|------|
|                    |     |      | FROM      | TO   |               |      |
| delta-BHC          | 1   | 4.81 | 4.76      | 4.86 | 18.0          | 31.8 |
|                    | 2   | 4.28 | 4.23      | 4.33 | 24.8          |      |
| Heptachlor epoxide | 1   | 5.73 | 5.68      | 5.78 | 19.4          | 21.6 |
|                    | 2   | 4.89 | 4.84      | 4.94 | 24.1          |      |
| Endosulfan I       | 1   | 6.12 | 6.07      | 6.17 | 19.5          | 21.9 |
|                    | 2   | 5.27 | 5.22      | 5.32 | 24.3          |      |
| gamma-Chlordane    | 1   | 5.99 | 5.94      | 6.04 | 19.3          | 20.9 |
|                    | 2   | 5.14 | 5.09      | 5.19 | 23.8          |      |
| Dieldrin           | 1   | 6.39 | 6.34      | 6.44 | 19.2          | 22.2 |
|                    | 2   | 5.53 | 5.48      | 5.58 | 24.0          |      |
| Endrin             | 1   | 6.62 | 6.57      | 6.67 | 19.2          | 20.6 |
|                    | 2   | 5.81 | 5.76      | 5.86 | 23.6          |      |

# COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SMALL-PILE-AMSD

Contract: SAXT01

Lab Code: CHEM Case No.: Q1937

SAS No.: Q1937 SDG NO.: Q1937

Lab Sample ID: Q1936-01MSD

Date(s) Analyzed: 05/05/2025 05/05/2025

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

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

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

| ANALYTE            | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|--------------------|-----|------|-----------|------|---------------|------|
|                    |     |      | FROM      | TO   |               |      |
| 4,4'-DDD           | 1   | 6.75 | 6.70      | 6.80 | 20.4          | 12.4 |
|                    | 2   | 5.95 | 5.90      | 6.00 | 23.1          |      |
| 4,4'-DDT           | 1   | 7.06 | 7.01      | 7.11 | 17.6          | 10.2 |
|                    | 2   | 6.20 | 6.15      | 6.25 | 19.5          |      |
| Endrin aldehyde    | 1   | 6.96 | 6.91      | 7.01 | 19.2          | 13.6 |
|                    | 2   | 6.27 | 6.22      | 6.32 | 22.0          |      |
| Endosulfan sulfate | 1   | 7.19 | 7.14      | 7.24 | 19.1          | 13.2 |
|                    | 2   | 6.50 | 6.45      | 6.55 | 21.8          |      |
| alpha-BHC          | 1   | 4.04 | 3.99      | 4.09 | 17.4          | 32.7 |
|                    | 2   | 3.42 | 3.37      | 3.47 | 24.2          |      |
| Aldrin             | 1   | 5.31 | 5.26      | 5.36 | 18.6          | 22.4 |
|                    | 2   | 4.39 | 4.34      | 4.44 | 23.3          |      |
| beta-BHC           | 1   | 4.56 | 4.51      | 4.61 | 16.9          | 22.1 |
|                    | 2   | 4.05 | 4.00      | 4.10 | 21.1          |      |
| delta-BHC          | 1   | 4.81 | 4.76      | 4.86 | 17.5          | 28.4 |
|                    | 2   | 4.28 | 4.23      | 4.33 | 23.3          |      |
| Endosulfan I       | 1   | 6.12 | 6.07      | 6.17 | 19.1          | 16.8 |
|                    | 2   | 5.27 | 5.22      | 5.32 | 22.6          |      |
| alpha-Chlordane    | 1   | 6.07 | 6.02      | 6.12 | 18.7          | 17.1 |
|                    | 2   | 5.21 | 5.16      | 5.26 | 22.2          |      |
| 4,4'-DDE           | 1   | 6.24 | 6.19      | 6.29 | 18.1          | 11   |
|                    | 2   | 5.40 | 5.35      | 5.45 | 20.2          |      |
| Dieldrin           | 1   | 6.39 | 6.34      | 6.44 | 18.5          | 18.2 |
|                    | 2   | 5.53 | 5.48      | 5.58 | 22.2          |      |
| Endrin             | 1   | 6.62 | 6.57      | 6.67 | 18.1          | 8.5  |
|                    | 2   | 5.81 | 5.76      | 5.86 | 19.7          |      |
| Methoxychlor       | 1   | 7.53 | 7.48      | 7.58 | 17.0          | 15.7 |
|                    | 2   | 6.77 | 6.72      | 6.82 | 19.9          |      |

**COMPOUND DETECTION SUMMARY**

**CLIENT SAMPLE NO.**

**SMALL-PILE-AMSD**

**Contract:** SAXT01

**Lab Code:** CHEM **Case No.:** Q1937

**SAS No.:** Q1937 **SDG NO.:** Q1937

**Lab Sample ID:** Q1936-01MSD

**Date(s) Analyzed:** 05/05/2025 05/05/2025

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

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

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

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

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Endrin ketone       | 1   | 7.67 | 7.62      | 7.72 | 19.1          | 23.1 |
|                     | 2   | 7.00 | 6.95      | 7.05 | 24.1          |      |
| gamma-BHC (Lindane) | 1   | 4.37 | 4.32      | 4.42 | 17.5          | 26.7 |
|                     | 2   | 3.75 | 3.70      | 3.80 | 22.9          |      |
| Heptachlor          | 1   | 4.97 | 4.92      | 5.02 | 16.9          | 25.8 |
|                     | 2   | 4.11 | 4.06      | 4.16 | 21.9          |      |
| Heptachlor epoxide  | 1   | 5.73 | 5.68      | 5.78 | 18.7          | 18   |
|                     | 2   | 4.89 | 4.84      | 4.94 | 22.4          |      |
| gamma-Chlordane     | 1   | 5.99 | 5.94      | 6.04 | 18.9          | 17.8 |
|                     | 2   | 5.15 | 5.10      | 5.20 | 22.6          |      |
| Endosulfan II       | 1   | 6.83 | 6.78      | 6.88 | 18.9          | 16.1 |
|                     | 2   | 6.10 | 6.05      | 6.15 | 22.2          |      |



# QC SAMPLE DATA

## Report of Analysis

|                    |                                       |                    |                    |
|--------------------|---------------------------------------|--------------------|--------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    |                    |
| Project:           | Stan Hope                             | Date Received:     |                    |
| Client Sample ID:  | PB167854BL                            | SDG No.:           | Q1937              |
| Lab Sample ID:     | PB167854BL                            | Matrix:            | SOIL               |
| Analytical Method: | SW8081                                | % Solid:           | 100      Decanted: |
| Sample Wt/Vol:     | 30.02      Units:    g                | Final Vol:         | 10000      uL      |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL      |
| Extraction Type:   |                                       | Injection Volume : |                    |
| GPC Factor :       | 1.0      PH :                         |                    |                    |
| Prep Method :      | SW3541B                               |                    |                    |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095531.D        | 1         | 05/05/25 08:35 | 05/05/25 12:37 | PB167854      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 0.13  | U         | 0.13                | 1.70       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.18  | U         | 0.18                | 1.70       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.39  | U         | 0.39                | 1.70       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.14  | U         | 0.14                | 1.70       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.12  | U         | 0.12                | 1.70       | ug/kg             |
| 309-00-2          | Aldrin               | 0.12  | U         | 0.12                | 1.70       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.19  | U         | 0.19                | 1.70       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.14  | U         | 0.14                | 1.70       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.14  | U         | 0.14                | 1.70       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.14  | U         | 0.14                | 1.70       | ug/kg             |
| 72-20-8           | Endrin               | 0.14  | U         | 0.14                | 1.70       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.29  | U         | 0.29                | 1.70       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.15  | U         | 0.15                | 1.70       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.13  | U         | 0.13                | 1.70       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.14  | U         | 0.14                | 1.70       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.37  | U         | 0.37                | 1.70       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.19  | U         | 0.19                | 1.70       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.37  | U         | 0.37                | 1.70       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.12  | U         | 0.12                | 1.70       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.15  | U         | 0.15                | 1.70       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.40  | U         | 5.40                | 33.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 24.0  |           | 30 (20) - 150 (144) | 120%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 24.6  |           | 30 (19) - 150 (148) | 123%       | SPK: 20           |

## Report of Analysis

|                    |                                       |                    |                    |
|--------------------|---------------------------------------|--------------------|--------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    |                    |
| Project:           | Stan Hope                             | Date Received:     |                    |
| Client Sample ID:  | PB167854BL                            | SDG No.:           | Q1937              |
| Lab Sample ID:     | PB167854BL                            | Matrix:            | SOIL               |
| Analytical Method: | SW8081                                | % Solid:           | 100      Decanted: |
| Sample Wt/Vol:     | 30.02      Units:    g                | Final Vol:         | 10000      uL      |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL      |
| Extraction Type:   |                                       | Injection Volume : |                    |
| GPC Factor :       | 1.0      PH :                         |                    |                    |
| Prep Method :      | SW3541B                               |                    |                    |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095531.D        | 1         | 05/05/25 08:35 | 05/05/25 12:37 | PB167854      |

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

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095531.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 12:37  
 Operator : AR\AJ  
 Sample : PB167854BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB167854BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:38:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-------|-------|----------|----------|---------|--------|
| -----                       |       |       |          |          |         |        |
| System Monitoring Compounds |       |       |          |          |         |        |
| 1) SA Tetrachlo...          | 3.599 | 2.908 | 65723738 | 78229261 | 20.132m | 24.602 |
| 28) SA Decachlor...         | 9.127 | 8.090 | 60158022 | 70924808 | 21.711  | 23.967 |

Target Compounds

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

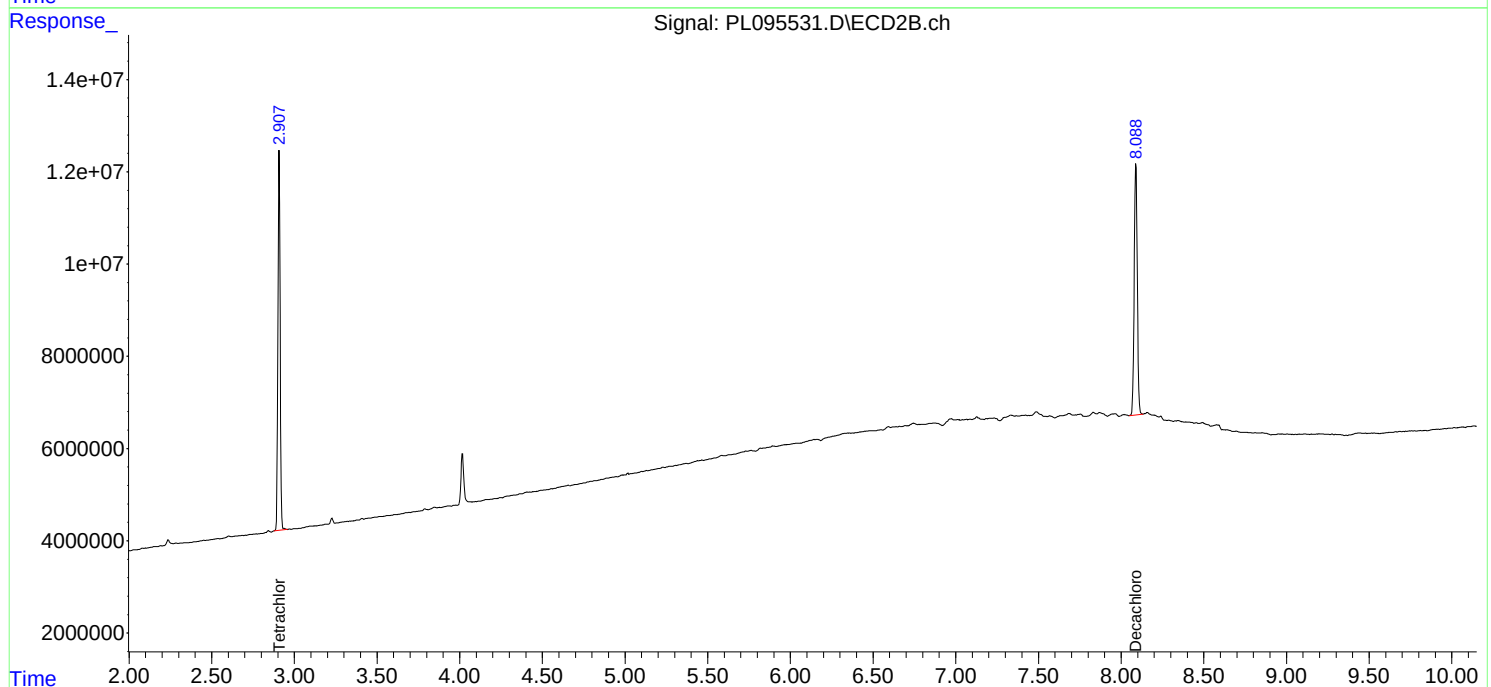
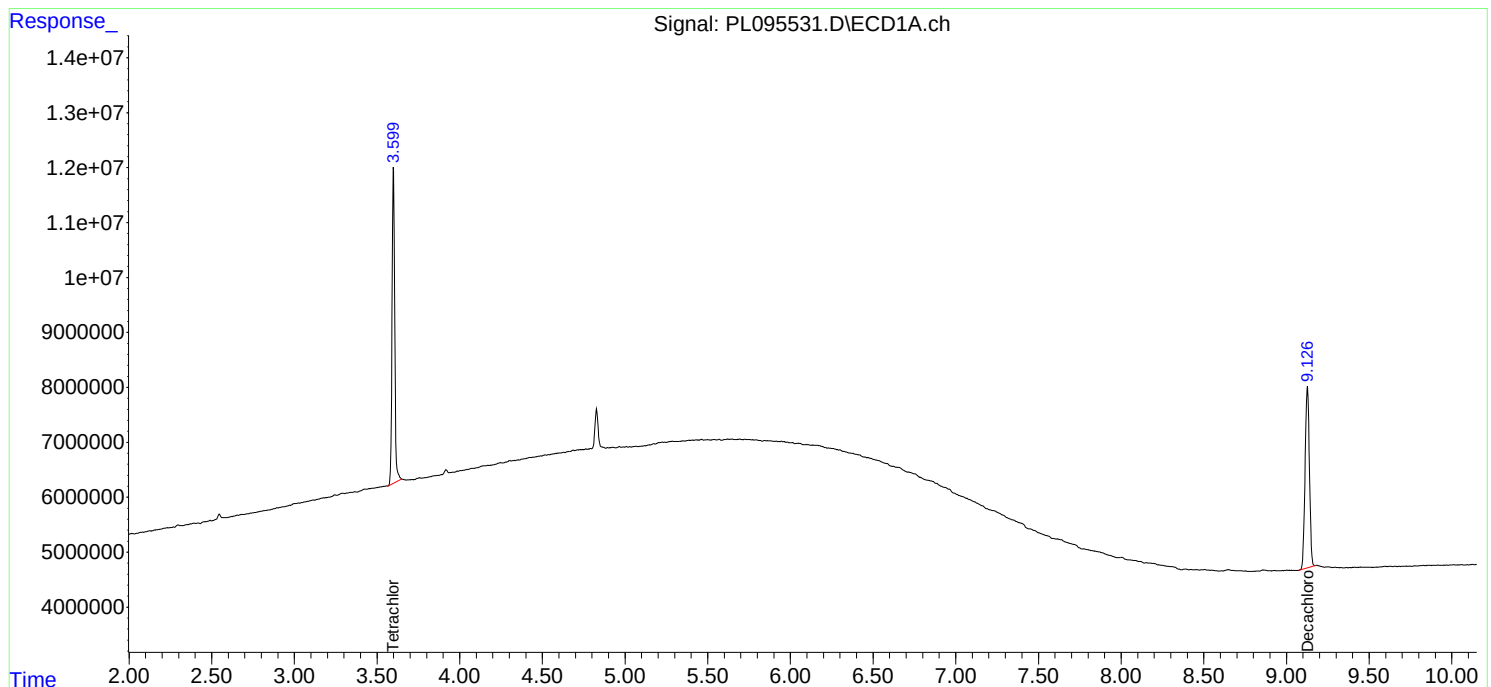


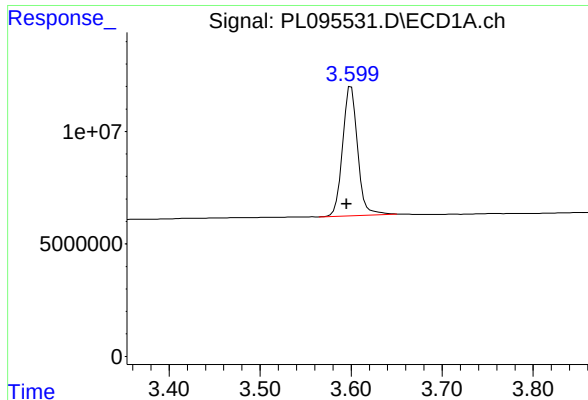
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095531.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 12:37  
Operator : AR\AJ  
Sample : PB167854BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:38:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

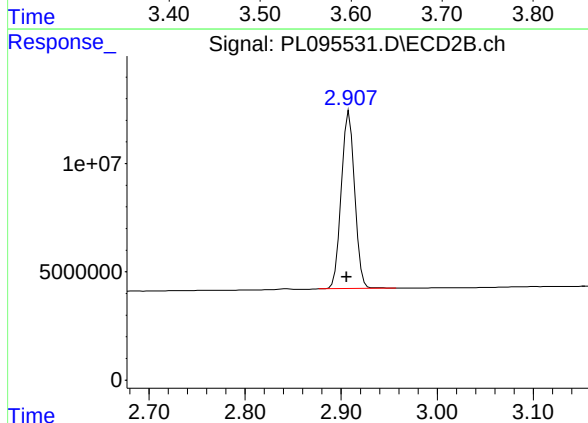




#1 Tetrachloro-m-xylene

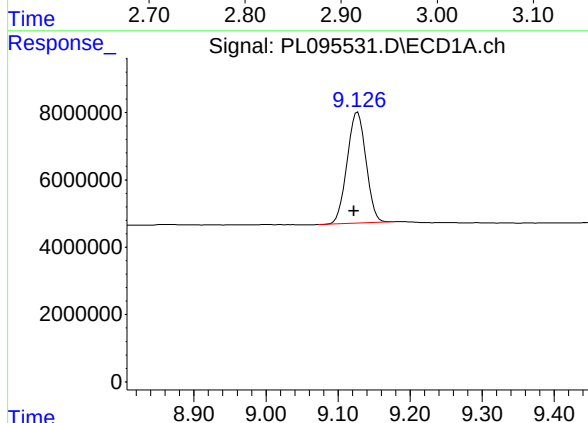
R.T.: 3.599 min  
Delta R.T.: 0.004 min  
Response: 65723738  
Conc: 20.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BL



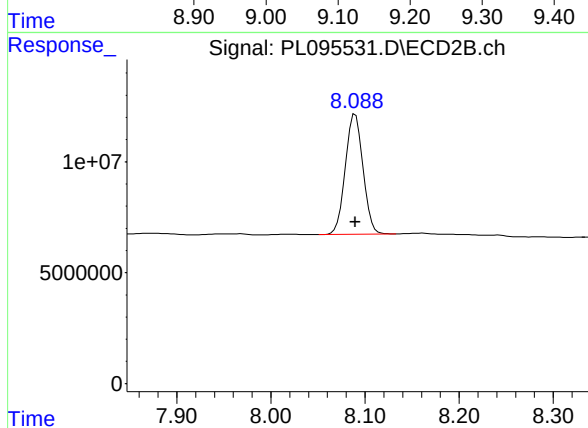
#1 Tetrachloro-m-xylene

R.T.: 2.908 min  
Delta R.T.: 0.003 min  
Response: 78229261  
Conc: 24.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.127 min  
Delta R.T.: 0.005 min  
Response: 60158022  
Conc: 21.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.090 min  
Delta R.T.: 0.000 min  
Response: 70924808  
Conc: 23.97 ng/ml

## Report of Analysis

|                    |                                       |                    |                                  |
|--------------------|---------------------------------------|--------------------|----------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 04/23/25                         |
| Project:           | Stan Hope                             | Date Received:     | 04/23/25                         |
| Client Sample ID:  | PIBLK-PL095326.D                      | SDG No.:           | Q1937                            |
| Lab Sample ID:     | I.BLK-PL095326.D                      | Matrix:            | WATER                            |
| Analytical Method: | SW8081                                | % Solid:           | 0                      Decanted: |
| Sample Wt/Vol:     | 1000              Units:      mL      | Final Vol:         | 10000              uL            |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL                    |
| Extraction Type:   |                                       | Injection Volume : |                                  |
| GPC Factor :       | 1.0                      PH :         |                    |                                  |
| Prep Method :      | 3510C                                 |                    |                                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL095326.D        | 1         |           | 04/23/25      | pl042325      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 319-84-6          | alpha-BHC            | 0.0039 | U         | 0.0039              | 0.050      | ug/L    |
| 319-85-7          | beta-BHC             | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 319-86-8          | delta-BHC            | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0027 | U         | 0.0027              | 0.050      | ug/L    |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0096 | U         | 0.0096              | 0.050      | ug/L    |
| 959-98-8          | Endosulfan I         | 0.0031 | U         | 0.0031              | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036              | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0032 | U         | 0.0032              | 0.050      | ug/L    |
| 33213-65-9        | Endosulfan II        | 0.0079 | U         | 0.0079              | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071              | 0.050      | ug/L    |
| 1031-07-8         | Endosulfan Sulfate   | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 53494-70-5        | Endrin ketone        | 0.0093 | U         | 0.0093              | 0.050      | ug/L    |
| 7421-93-4         | Endrin aldehyde      | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 5103-71-9         | alpha-Chlordane      | 0.0035 | U         | 0.0035              | 0.050      | ug/L    |
| 5103-74-2         | gamma-Chlordane      | 0.0039 | U         | 0.0039              | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.17   | U         | 0.17                | 1.00       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 18.9   |           | 30 (43) - 150 (140) | 94%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 17.3   |           | 30 (77) - 150 (126) | 87%        | SPK: 20 |

## Report of Analysis

|                    |                                       |        |      |                    |               |           |
|--------------------|---------------------------------------|--------|------|--------------------|---------------|-----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |        |      | Date Collected:    | 04/23/25      |           |
| Project:           | Stan Hope                             |        |      | Date Received:     | 04/23/25      |           |
| Client Sample ID:  | PIBLK-PL095326.D                      |        |      | SDG No.:           | Q1937         |           |
| Lab Sample ID:     | I.BLK-PL095326.D                      |        |      | Matrix:            | WATER         |           |
| Analytical Method: | SW8081                                |        |      | % Solid:           | 0             | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: | mL   | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                       |        | uL   | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                       |        |      | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                   |        | PH : |                    |               |           |
| Prep Method :      | 3510C                                 |        |      |                    |               |           |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|-------------------|-----------|-----------|---------------|---------------|
| PL095326.D        | 1         |           | 04/23/25      | pl042325      |

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of 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\PL042325\  
Data File : PL095326.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 10:50  
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: Apr 23 14:09:02 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 14:07:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.594 | 2.905 | 56524147 | 54455545 | 17.314 | 17.126 |
| 28) SA Decachlor...         | 9.121 | 8.088 | 52237002 | 53755420 | 18.853 | 18.165 |

Target Compounds

-----

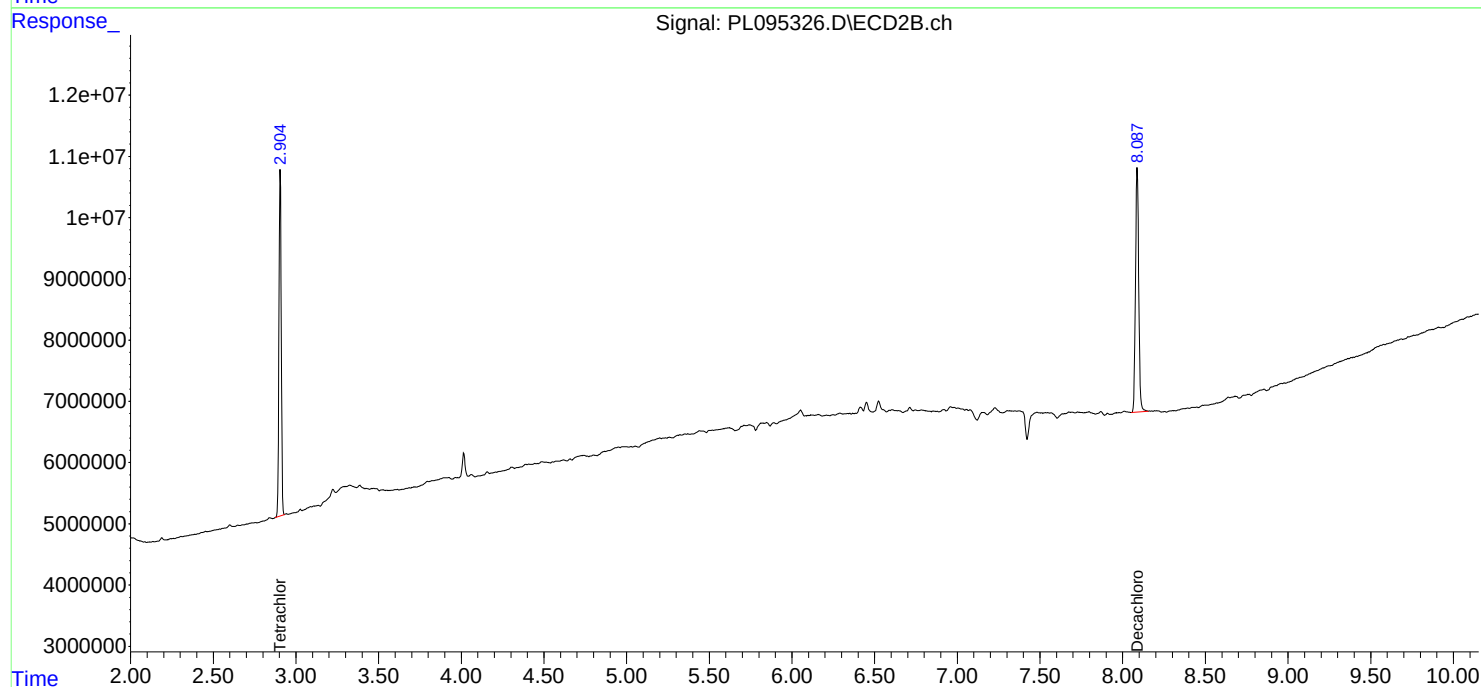
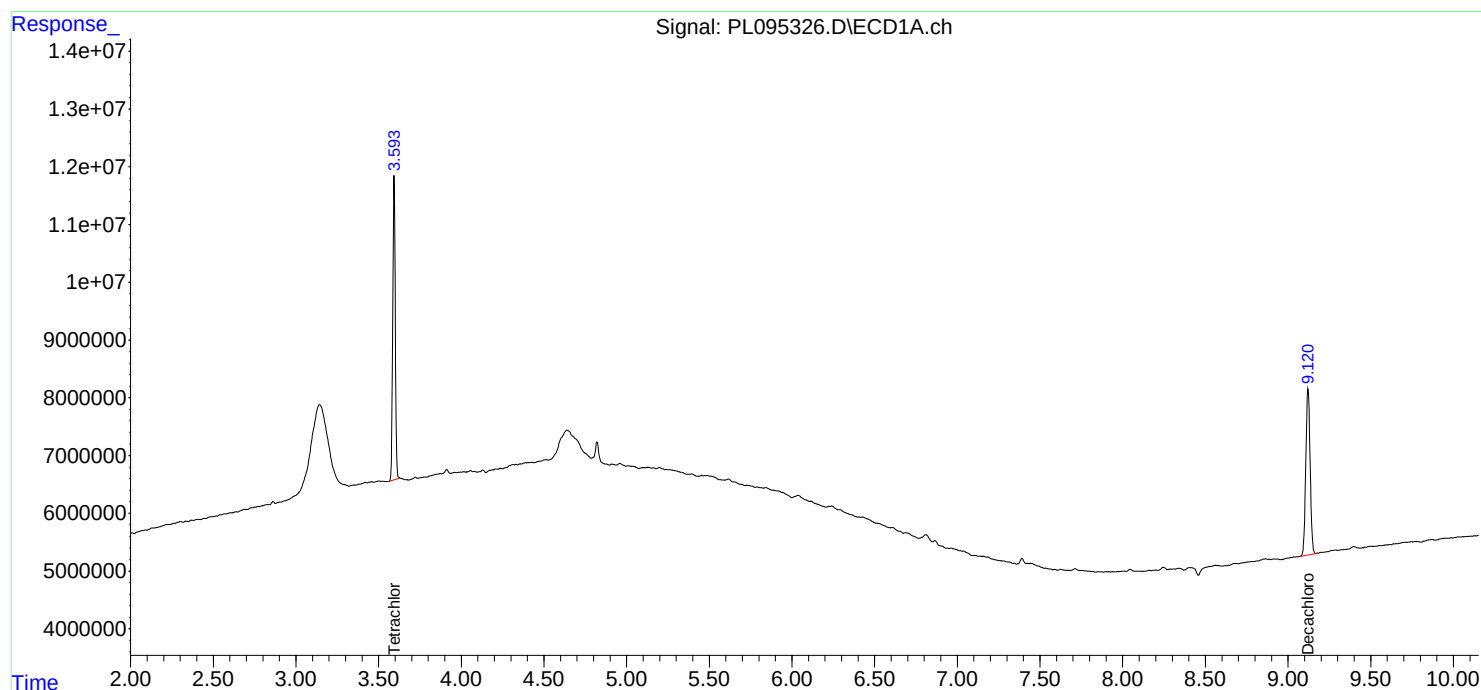
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

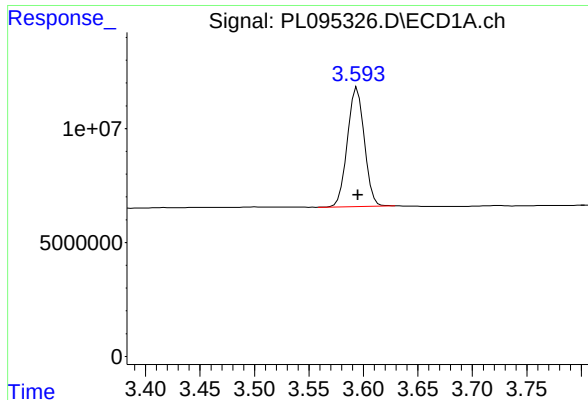
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095326.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 10:50  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 14:09:02 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 14:07:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

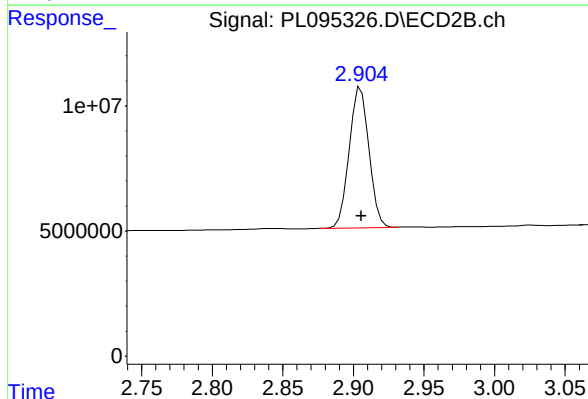




#1 Tetrachloro-m-xylene

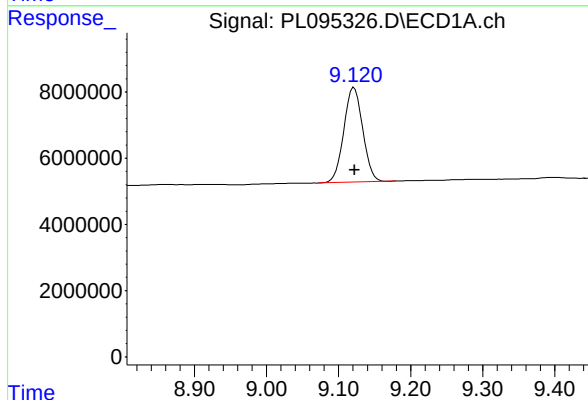
R.T.: 3.594 min  
Delta R.T.: 0.000 min  
Response: 56524147  
Conc: 17.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



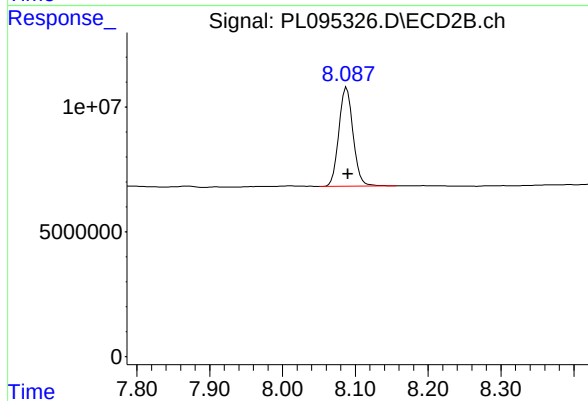
#1 Tetrachloro-m-xylene

R.T.: 2.905 min  
Delta R.T.: 0.000 min  
Response: 54455545  
Conc: 17.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: 0.000 min  
Response: 52237002  
Conc: 18.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.088 min  
Delta R.T.: -0.001 min  
Response: 53755420  
Conc: 18.17 ng/ml

## Report of Analysis

|                    |                                       |                    |                  |
|--------------------|---------------------------------------|--------------------|------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/05/25         |
| Project:           | Stan Hope                             | Date Received:     | 05/05/25         |
| Client Sample ID:  | PIBLK-PL095528.D                      | SDG No.:           | Q1937            |
| Lab Sample ID:     | I.BLK-PL095528.D                      | Matrix:            | WATER            |
| Analytical Method: | SW8081                                | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 1000      Units:    mL                | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL    |
| Extraction Type:   |                                       | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :                         |                    |                  |
| Prep Method :      | 3510C                                 |                    |                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL095528.D        | 1         |           | 05/05/25      | pl050625      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 319-84-6          | alpha-BHC            | 0.0039 | U         | 0.0039              | 0.050      | ug/L    |
| 319-85-7          | beta-BHC             | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 319-86-8          | delta-BHC            | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0027 | U         | 0.0027              | 0.050      | ug/L    |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0096 | U         | 0.0096              | 0.050      | ug/L    |
| 959-98-8          | Endosulfan I         | 0.0031 | U         | 0.0031              | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036              | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0032 | U         | 0.0032              | 0.050      | ug/L    |
| 33213-65-9        | Endosulfan II        | 0.0079 | U         | 0.0079              | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071              | 0.050      | ug/L    |
| 1031-07-8         | Endosulfan Sulfate   | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 53494-70-5        | Endrin ketone        | 0.0093 | U         | 0.0093              | 0.050      | ug/L    |
| 7421-93-4         | Endrin aldehyde      | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 5103-71-9         | alpha-Chlordane      | 0.0035 | U         | 0.0035              | 0.050      | ug/L    |
| 5103-74-2         | gamma-Chlordane      | 0.0039 | U         | 0.0039              | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.17   | U         | 0.17                | 1.00       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 20.6   |           | 30 (43) - 150 (140) | 103%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 21.6   |           | 30 (77) - 150 (126) | 108%       | SPK: 20 |



## Report of Analysis

|                    |                                       |           |                    |               |           |
|--------------------|---------------------------------------|-----------|--------------------|---------------|-----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |           | Date Collected:    | 05/05/25      |           |
| Project:           | Stan Hope                             |           | Date Received:     | 05/05/25      |           |
| Client Sample ID:  | PIBLK-PL095528.D                      |           | SDG No.:           | Q1937         |           |
| Lab Sample ID:     | I.BLK-PL095528.D                      |           | Matrix:            | WATER         |           |
| Analytical Method: | SW8081                                |           | % Solid:           | 0             | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                       |           | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |               |           |
| Prep Method :      | 3510C                                 |           |                    |               |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL095528.D        | 1         |           | 05/05/25      | pl050625      |

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

### Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095528.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 08:14  
 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: May 06 01:37:55 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.595 | 2.912 | 56860627 | 68798591 | 17.417 | 21.636 |
| 28) SA Decachlor...         | 9.120 | 8.090 | 54048671 | 61070371 | 19.506 | 20.637 |

Target Compounds

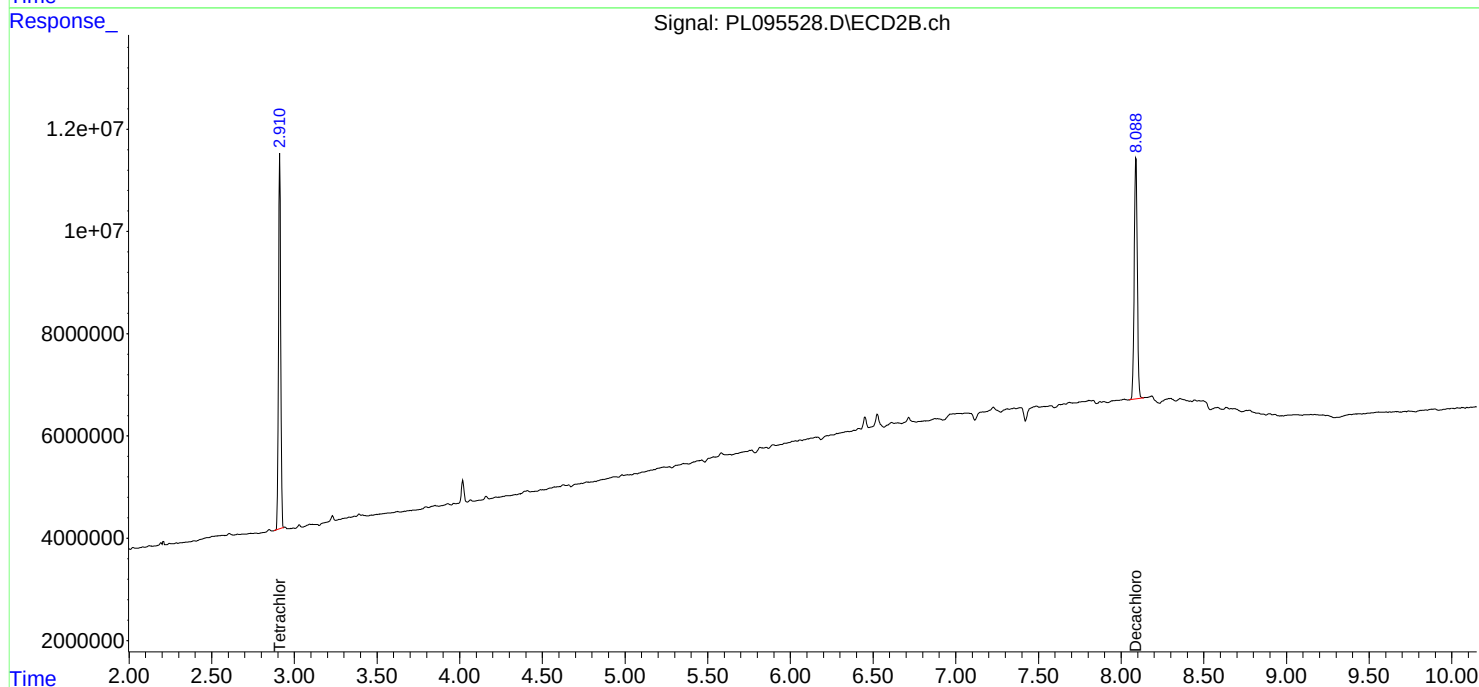
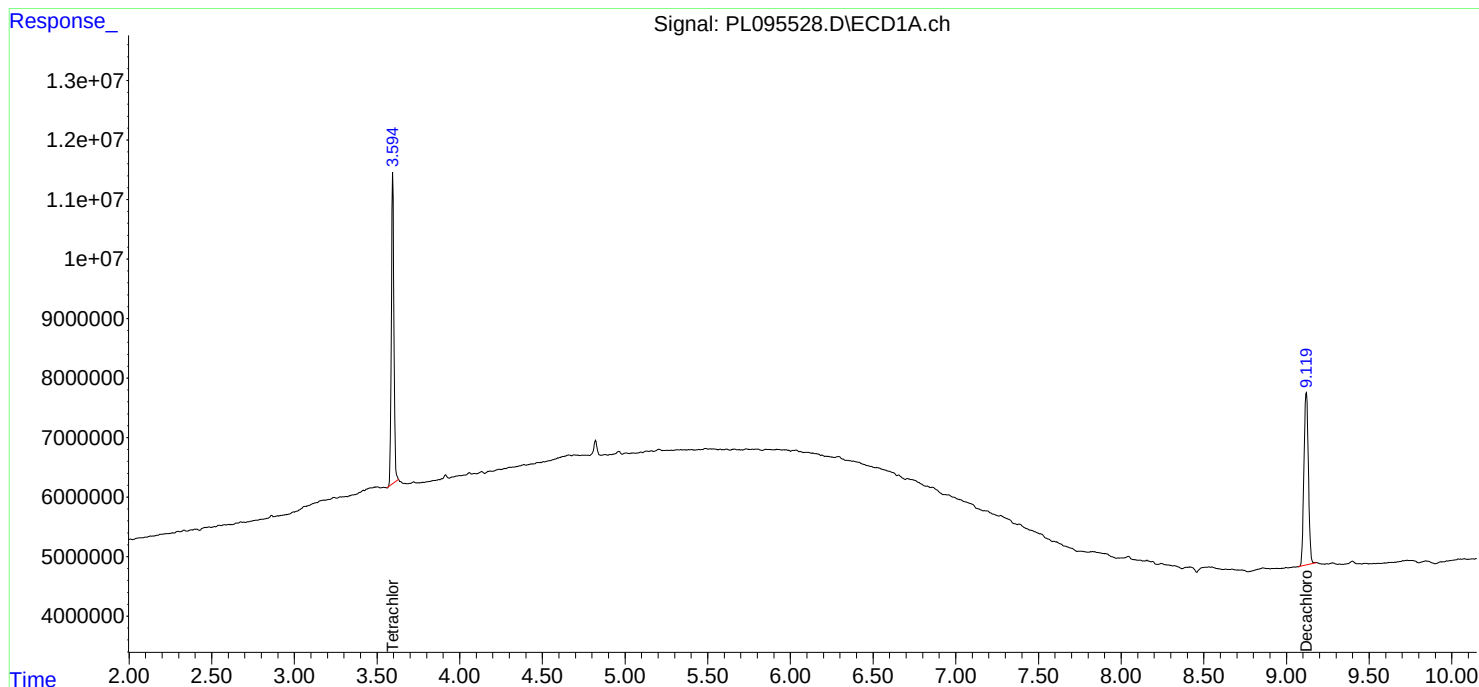
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

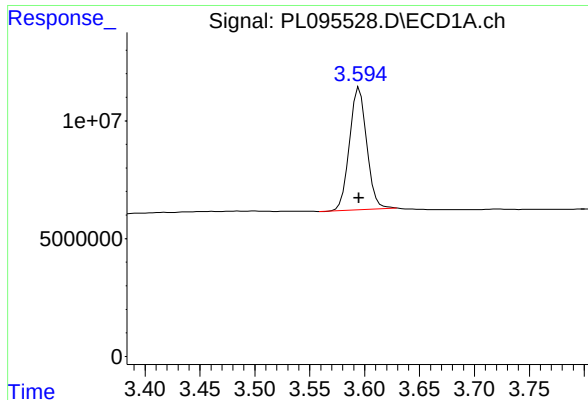
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095528.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 08:14  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:37:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

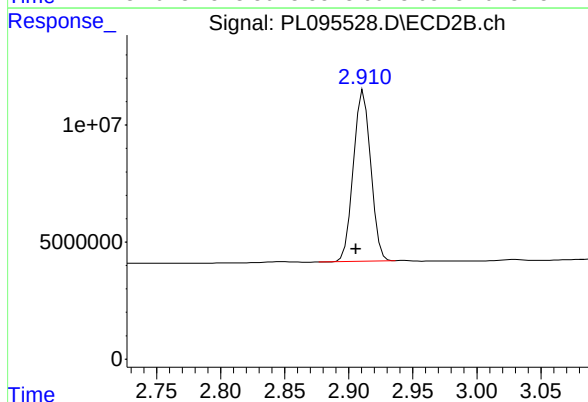




## #1 Tetrachloro-m-xylene

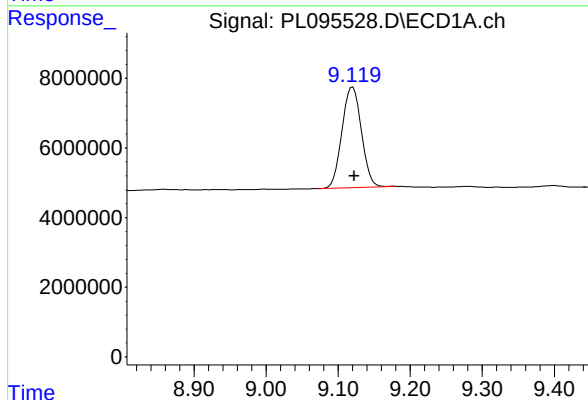
R.T.: 3.595 min  
Delta R.T.: 0.000 min  
Response: 56860627  
Conc: 17.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



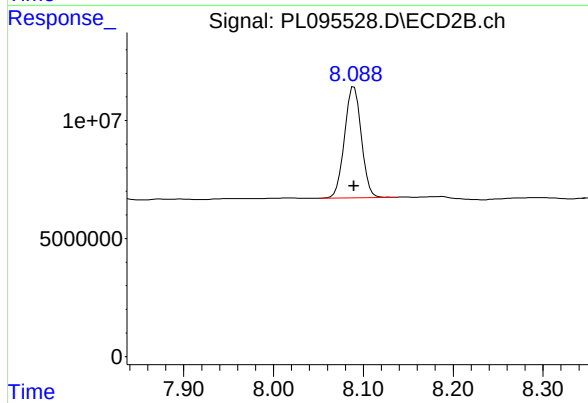
## #1 Tetrachloro-m-xylene

R.T.: 2.912 min  
Delta R.T.: 0.006 min  
Response: 68798591  
Conc: 21.64 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.120 min  
Delta R.T.: -0.002 min  
Response: 54048671  
Conc: 19.51 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.090 min  
Delta R.T.: 0.000 min  
Response: 61070371  
Conc: 20.64 ng/ml

## Report of Analysis

|                    |                                       |                    |                                  |
|--------------------|---------------------------------------|--------------------|----------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/05/25                         |
| Project:           | Stan Hope                             | Date Received:     | 05/05/25                         |
| Client Sample ID:  | PIBLK-PL095545.D                      | SDG No.:           | Q1937                            |
| Lab Sample ID:     | I.BLK-PL095545.D                      | Matrix:            | WATER                            |
| Analytical Method: | SW8081                                | % Solid:           | 0                      Decanted: |
| Sample Wt/Vol:     | 1000              Units:      mL      | Final Vol:         | 10000              uL            |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL                    |
| Extraction Type:   |                                       | Injection Volume : |                                  |
| GPC Factor :       | 1.0                      PH :         |                    |                                  |
| Prep Method :      | 3510C                                 |                    |                                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL095545.D        | 1         |           | 05/05/25      | pl050625      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 319-84-6          | alpha-BHC            | 0.0039 | U         | 0.0039              | 0.050      | ug/L    |
| 319-85-7          | beta-BHC             | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 319-86-8          | delta-BHC            | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0027 | U         | 0.0027              | 0.050      | ug/L    |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0096 | U         | 0.0096              | 0.050      | ug/L    |
| 959-98-8          | Endosulfan I         | 0.0031 | U         | 0.0031              | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036              | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0032 | U         | 0.0032              | 0.050      | ug/L    |
| 33213-65-9        | Endosulfan II        | 0.0079 | U         | 0.0079              | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071              | 0.050      | ug/L    |
| 1031-07-8         | Endosulfan Sulfate   | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 53494-70-5        | Endrin ketone        | 0.0093 | U         | 0.0093              | 0.050      | ug/L    |
| 7421-93-4         | Endrin aldehyde      | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 5103-71-9         | alpha-Chlordane      | 0.0035 | U         | 0.0035              | 0.050      | ug/L    |
| 5103-74-2         | gamma-Chlordane      | 0.0039 | U         | 0.0039              | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.17   | U         | 0.17                | 1.00       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 19.7   |           | 30 (43) - 150 (140) | 99%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.9   |           | 30 (77) - 150 (126) | 105%       | SPK: 20 |

## Report of Analysis

|                    |                                       |           |                    |               |           |
|--------------------|---------------------------------------|-----------|--------------------|---------------|-----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |           | Date Collected:    | 05/05/25      |           |
| Project:           | Stan Hope                             |           | Date Received:     | 05/05/25      |           |
| Client Sample ID:  | PIBLK-PL095545.D                      |           | SDG No.:           | Q1937         |           |
| Lab Sample ID:     | I.BLK-PL095545.D                      |           | Matrix:            | WATER         |           |
| Analytical Method: | SW8081                                |           | % Solid:           | 0             | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                       |           | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |               |           |
| Prep Method :      | 3510C                                 |           |                    |               |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL095545.D        | 1         |           | 05/05/25      | pl050625      |

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

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095545.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 16:56  
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: May 06 01:42:17 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-------|-------|----------|----------|---------|--------|
| -----                       |       |       |          |          |         |        |
| System Monitoring Compounds |       |       |          |          |         |        |
| 1) SA Tetrachlo...          | 3.592 | 2.909 | 54714051 | 66599824 | 16.759m | 20.945 |
| 28) SA Decachlor...         | 9.115 | 8.085 | 48059928 | 58290232 | 17.345  | 19.698 |

Target Compounds

-----

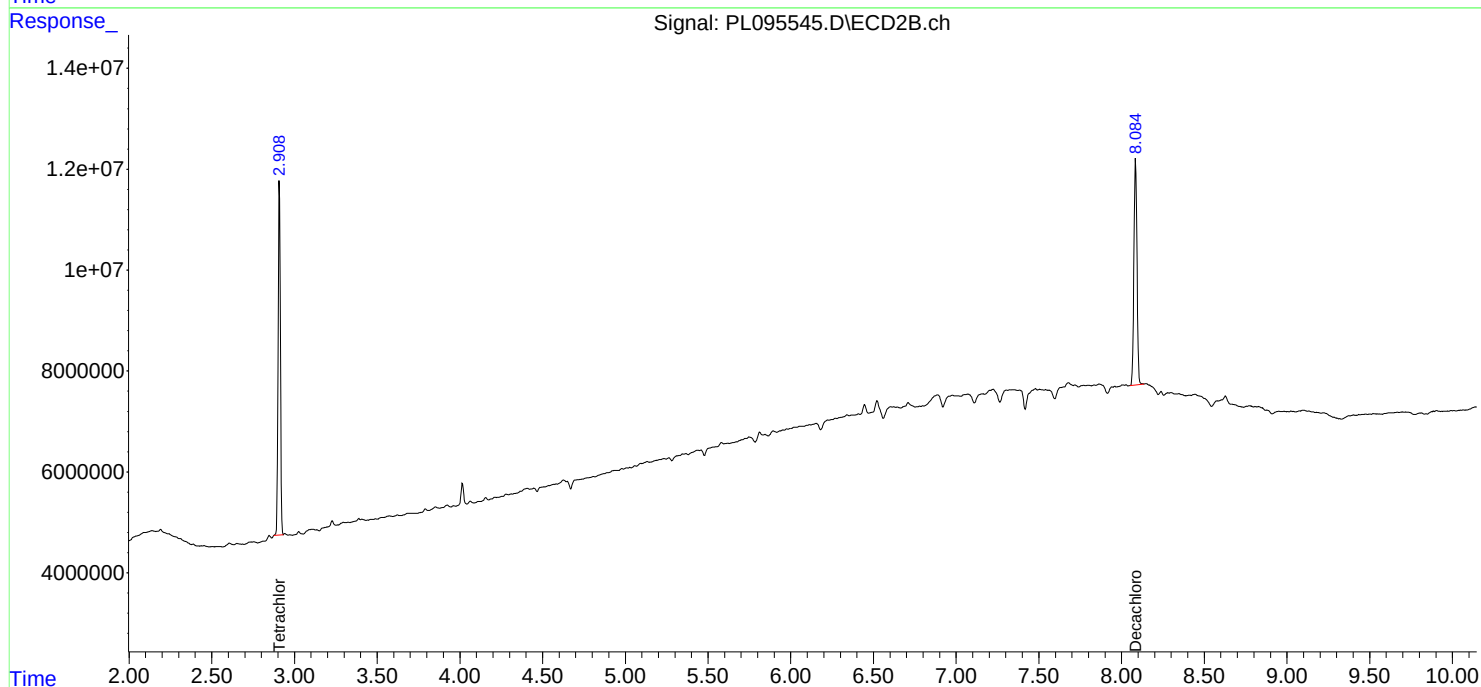
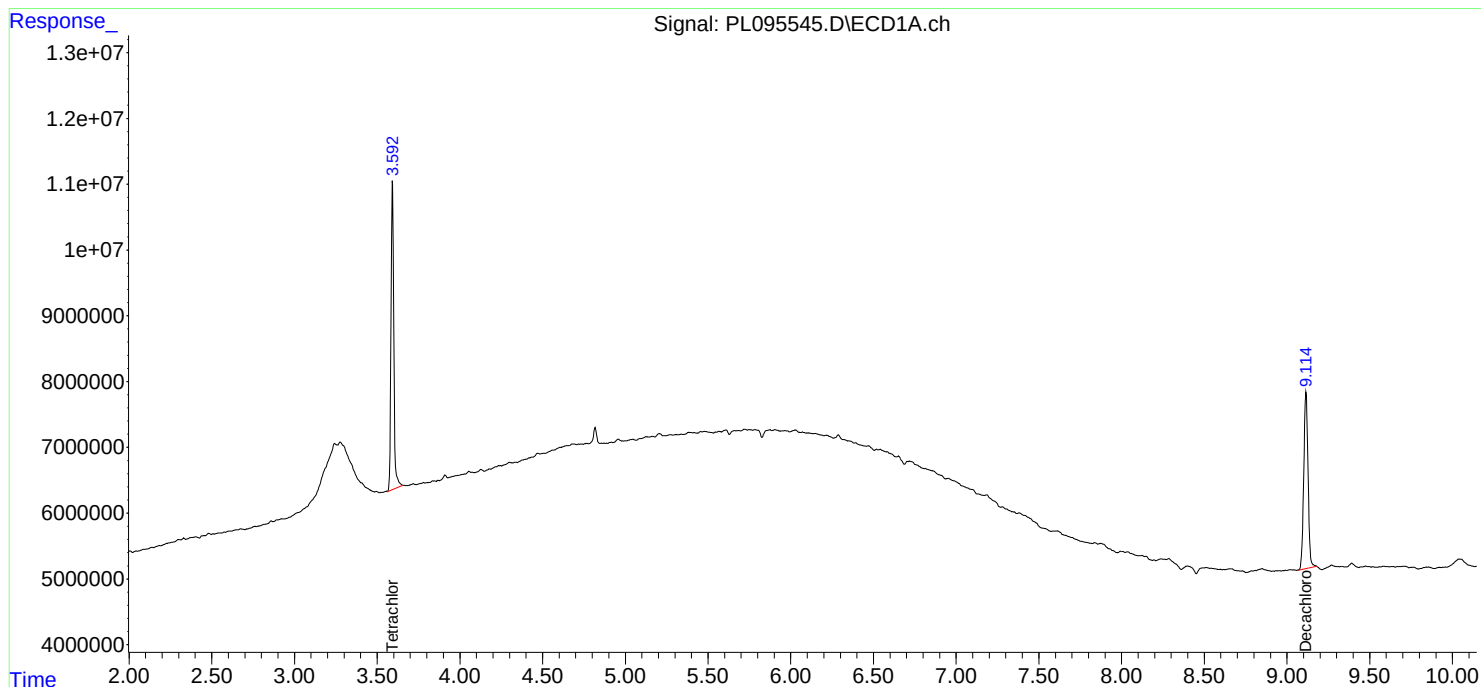
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095545.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 16:56  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

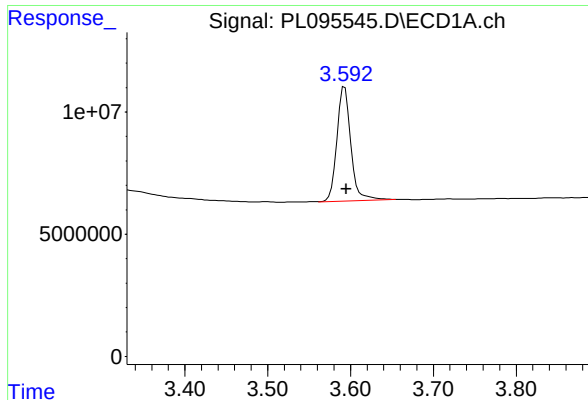
Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:42:17 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



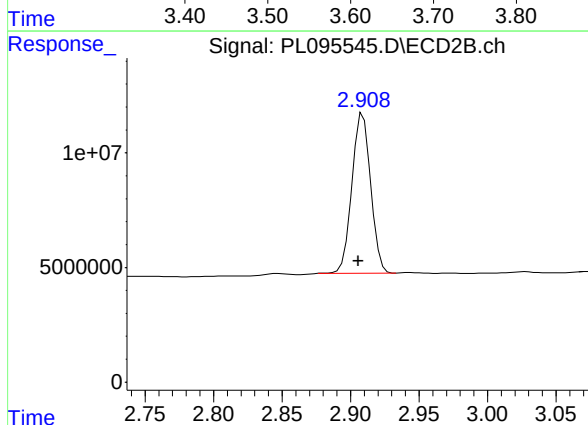




#1 Tetrachloro-m-xylene

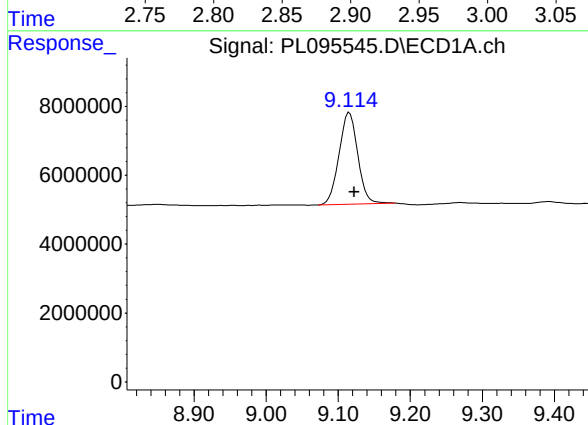
R.T.: 3.592 min  
Delta R.T.: -0.003 min  
Response: 54714051  
Conc: 16.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



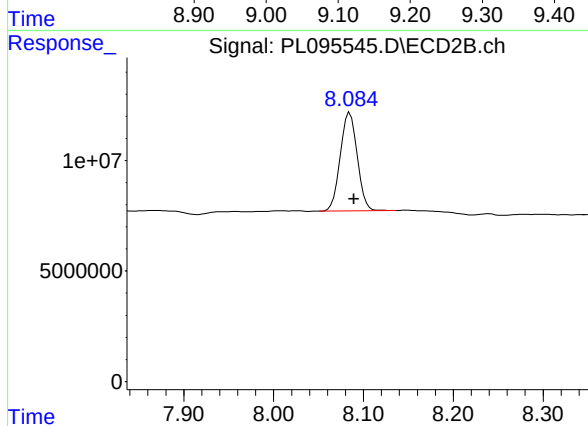
#1 Tetrachloro-m-xylene

R.T.: 2.909 min  
Delta R.T.: 0.004 min  
Response: 66599824  
Conc: 20.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min  
Delta R.T.: -0.007 min  
Response: 48059928  
Conc: 17.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.085 min  
Delta R.T.: -0.005 min  
Response: 58290232  
Conc: 19.70 ng/ml

## Report of Analysis

|                    |                                       |        |      |                    |               |           |
|--------------------|---------------------------------------|--------|------|--------------------|---------------|-----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |        |      | Date Collected:    | 05/05/25      |           |
| Project:           | Stan Hope                             |        |      | Date Received:     | 05/05/25      |           |
| Client Sample ID:  | PIBLK-PL095557.D                      |        |      | SDG No.:           | Q1937         |           |
| Lab Sample ID:     | I.BLK-PL095557.D                      |        |      | Matrix:            | WATER         |           |
| Analytical Method: | SW8081                                |        |      | % Solid:           | 0             | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: | mL   | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                       |        | uL   | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                       |        |      | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                   |        | PH : |                    |               |           |
| Prep Method :      | 3510C                                 |        |      |                    |               |           |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|-------------------|-----------|-----------|---------------|---------------|
| PL095557.D        | 1         |           | 05/05/25      | pl050625      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 319-84-6          | alpha-BHC            | 0.0039 | U         | 0.0039              | 0.050      | ug/L    |
| 319-85-7          | beta-BHC             | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 319-86-8          | delta-BHC            | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0027 | U         | 0.0027              | 0.050      | ug/L    |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0096 | U         | 0.0096              | 0.050      | ug/L    |
| 959-98-8          | Endosulfan I         | 0.0031 | U         | 0.0031              | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036              | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0032 | U         | 0.0032              | 0.050      | ug/L    |
| 33213-65-9        | Endosulfan II        | 0.0079 | U         | 0.0079              | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071              | 0.050      | ug/L    |
| 1031-07-8         | Endosulfan Sulfate   | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 53494-70-5        | Endrin ketone        | 0.0093 | U         | 0.0093              | 0.050      | ug/L    |
| 7421-93-4         | Endrin aldehyde      | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 5103-71-9         | alpha-Chlordane      | 0.0035 | U         | 0.0035              | 0.050      | ug/L    |
| 5103-74-2         | gamma-Chlordane      | 0.0039 | U         | 0.0039              | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.17   | U         | 0.17                | 1.00       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 17.5   |           | 30 (43) - 150 (140) | 87%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.6   |           | 30 (77) - 150 (126) | 103%       | SPK: 20 |

## Report of Analysis

|                    |                                       |           |                    |               |           |
|--------------------|---------------------------------------|-----------|--------------------|---------------|-----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |           | Date Collected:    | 05/05/25      |           |
| Project:           | Stan Hope                             |           | Date Received:     | 05/05/25      |           |
| Client Sample ID:  | PIBLK-PL095557.D                      |           | SDG No.:           | Q1937         |           |
| Lab Sample ID:     | I.BLK-PL095557.D                      |           | Matrix:            | WATER         |           |
| Analytical Method: | SW8081                                |           | % Solid:           | 0             | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                       |           | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |               |           |
| Prep Method :      | 3510C                                 |           |                    |               |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL095557.D        | 1         |           | 05/05/25      | pl050625      |

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

### Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095557.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 21:11  
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: May 06 01:45:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.593 | 2.909 | 54656754 | 65520057 | 16.742 | 20.605 |
| 28) SA Decachlor...         | 9.114 | 8.085 | 47360463 | 51744143 | 17.093 | 17.485 |

Target Compounds

-----

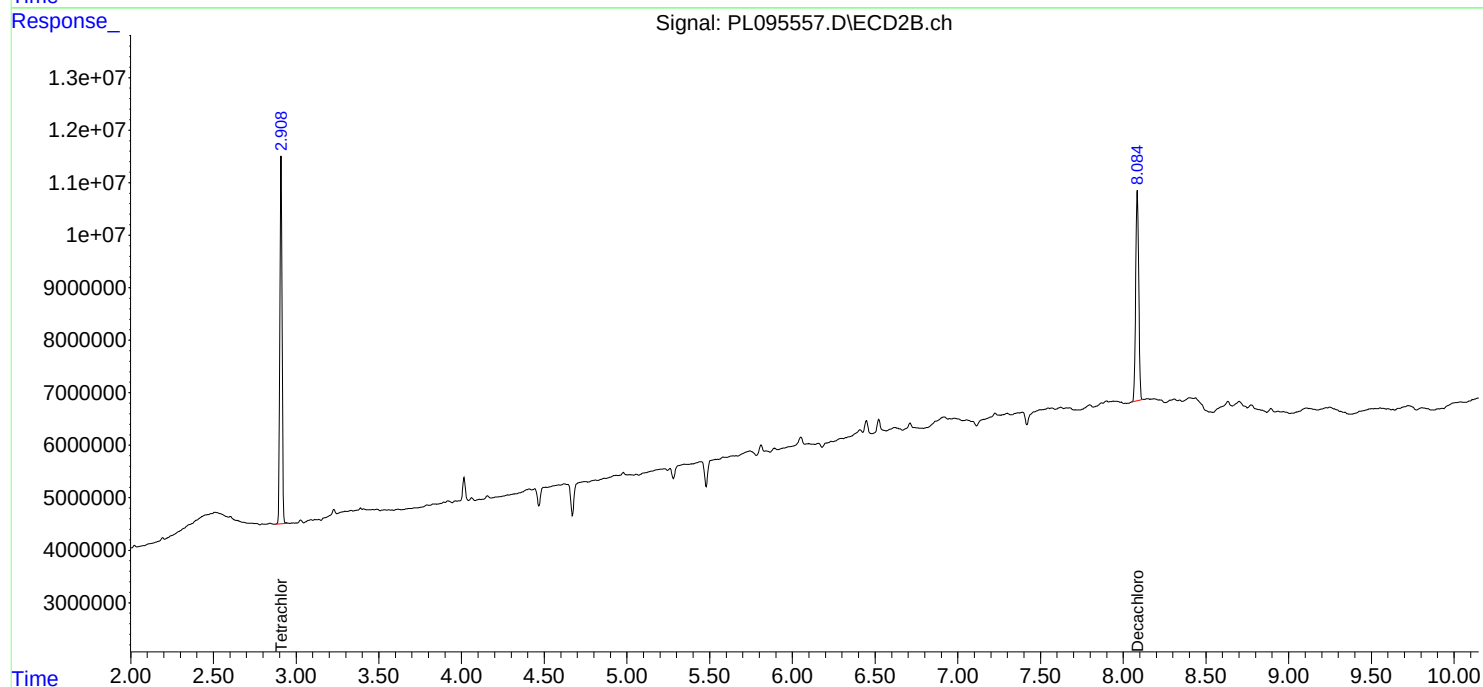
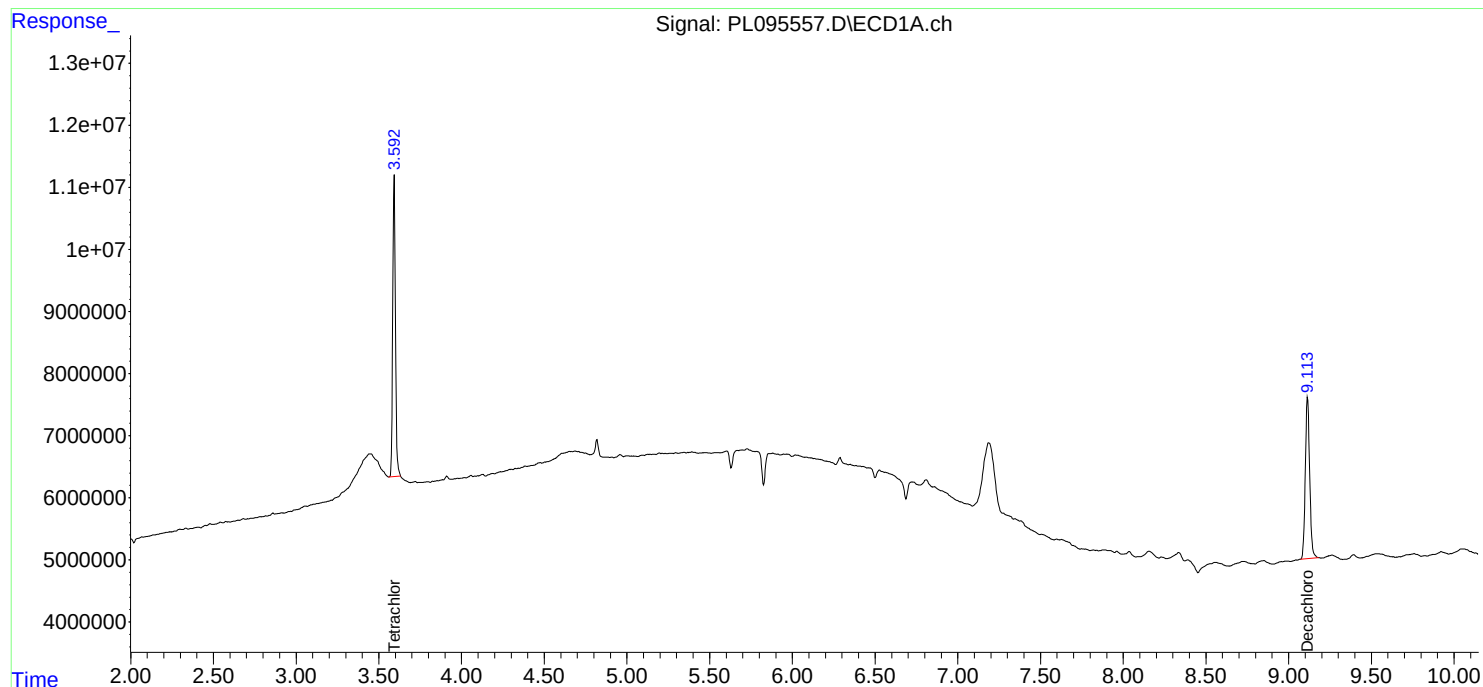
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

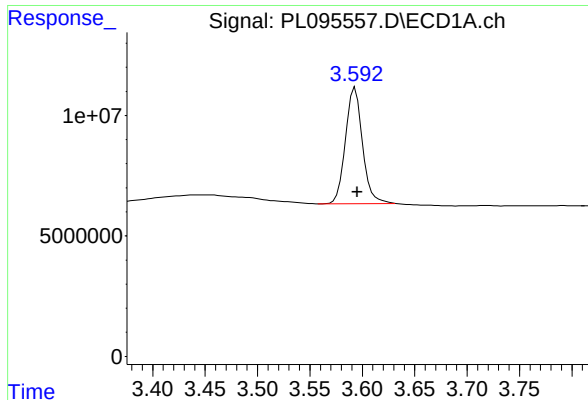
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095557.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 21:11  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:45:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

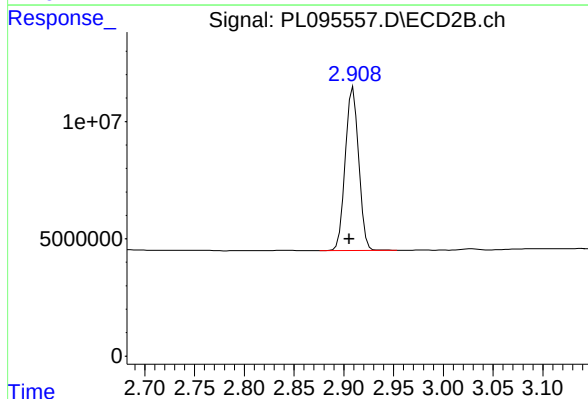




## #1 Tetrachloro-m-xylene

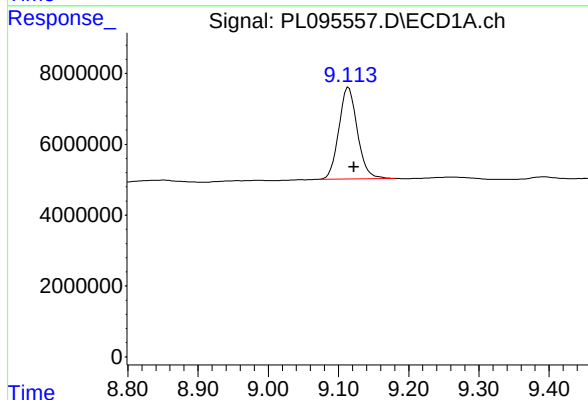
R.T.: 3.593 min  
Delta R.T.: -0.002 min  
Response: 54656754  
Conc: 16.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



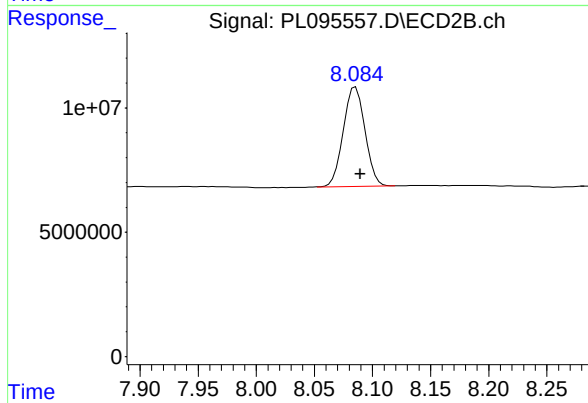
## #1 Tetrachloro-m-xylene

R.T.: 2.909 min  
Delta R.T.: 0.004 min  
Response: 65520057  
Conc: 20.61 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.114 min  
Delta R.T.: -0.008 min  
Response: 47360463  
Conc: 17.09 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.085 min  
Delta R.T.: -0.004 min  
Response: 51744143  
Conc: 17.49 ng/ml

## Report of Analysis

|                    |                                       |                    |                    |
|--------------------|---------------------------------------|--------------------|--------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    |                    |
| Project:           | Stan Hope                             | Date Received:     |                    |
| Client Sample ID:  | PB167854BS                            | SDG No.:           | Q1937              |
| Lab Sample ID:     | PB167854BS                            | Matrix:            | SOIL               |
| Analytical Method: | SW8081                                | % Solid:           | 100      Decanted: |
| Sample Wt/Vol:     | 30.03      Units:    g                | Final Vol:         | 10000      uL      |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL      |
| Extraction Type:   |                                       | Injection Volume : |                    |
| GPC Factor :       | 1.0      PH :                         |                    |                    |
| Prep Method :      | SW3541B                               |                    |                    |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095532.D        | 1         | 05/05/25 08:35 | 05/05/25 13:25 | PB167854      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 20.4  | P         | 0.13                | 1.70       | ug/kg             |
| 319-85-7          | beta-BHC             | 18.3  |           | 0.18                | 1.70       | ug/kg             |
| 319-86-8          | delta-BHC            | 20.0  | P         | 0.39                | 1.70       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 19.5  | P         | 0.14                | 1.70       | ug/kg             |
| 76-44-8           | Heptachlor           | 18.9  |           | 0.12                | 1.70       | ug/kg             |
| 309-00-2          | Aldrin               | 20.2  |           | 0.12                | 1.70       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 19.5  |           | 0.19                | 1.70       | ug/kg             |
| 959-98-8          | Endosulfan I         | 19.6  |           | 0.14                | 1.70       | ug/kg             |
| 60-57-1           | Dieldrin             | 19.6  |           | 0.14                | 1.70       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 18.2  |           | 0.14                | 1.70       | ug/kg             |
| 72-20-8           | Endrin               | 17.0  |           | 0.14                | 1.70       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 19.3  |           | 0.29                | 1.70       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 20.4  |           | 0.15                | 1.70       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 19.3  |           | 0.13                | 1.70       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 17.3  |           | 0.14                | 1.70       | ug/kg             |
| 72-43-5           | Methoxychlor         | 17.2  |           | 0.37                | 1.70       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 21.4  |           | 0.19                | 1.70       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 19.9  |           | 0.37                | 1.70       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 19.2  |           | 0.12                | 1.70       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 19.4  |           | 0.15                | 1.70       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.40  | U         | 5.40                | 33.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 22.6  |           | 30 (20) - 150 (144) | 113%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 23.6  |           | 30 (19) - 150 (148) | 118%       | SPK: 20           |

## Report of Analysis

|                    |                                       |          |                    |               |           |
|--------------------|---------------------------------------|----------|--------------------|---------------|-----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |          | Date Collected:    |               |           |
| Project:           | Stan Hope                             |          | Date Received:     |               |           |
| Client Sample ID:  | PB167854BS                            |          | SDG No.:           | Q1937         |           |
| Lab Sample ID:     | PB167854BS                            |          | Matrix:            | SOIL          |           |
| Analytical Method: | SW8081                                |          | % Solid:           | 100           | Decanted: |
| Sample Wt/Vol:     | 30.03                                 | Units: g | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                       |          | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                   | PH :     |                    |               |           |
| Prep Method :      | SW3541B                               |          |                    |               |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095532.D        | 1         | 05/05/25 08:35 | 05/05/25 13:25 | PB167854      |

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

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095532.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 13:25  
 Operator : AR\AJ  
 Sample : PB167854BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB167854BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:38:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|----------|
| -----                       |                 |       |       |          |          |         |          |
| System Monitoring Compounds |                 |       |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.595 | 2.910 | 59205924 | 75217001 | 18.135  | 23.655 # |
| 28)                         | SA Decachlor... | 9.118 | 8.087 | 57125092 | 66896101 | 20.617  | 22.606   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.046 | 3.419 | 225.3E6  | 272.7E6  | 45.473  | 61.294 # |
| 3)                          | MA gamma-BHC... | 4.377 | 3.752 | 214.3E6  | 258.2E6  | 45.258  | 58.698 # |
| 4)                          | MA Heptachlor   | 4.974 | 4.106 | 207.0E6  | 247.5E6  | 45.254  | 56.812 # |
| 5)                          | MB Aldrin       | 5.316 | 4.391 | 223.2E6  | 250.1E6  | 48.603  | 60.770 # |
| 6)                          | B beta-BHC      | 4.562 | 4.046 | 93978270 | 114.0E6  | 45.455  | 54.929   |
| 7)                          | B delta-BHC     | 4.809 | 4.282 | 213.4E6  | 262.6E6  | 45.888m | 59.917 # |
| 8)                          | B Heptachlo...  | 5.737 | 4.894 | 203.6E6  | 225.8E6  | 50.828  | 58.469   |
| 9)                          | A Endosulfan I  | 6.119 | 5.267 | 189.5E6  | 215.5E6  | 49.904m | 58.871   |
| 10)                         | B gamma-Chl...  | 5.991 | 5.145 | 208.1E6  | 235.8E6  | 51.007  | 58.187m  |
| 11)                         | B alpha-Chl...  | 6.072 | 5.211 | 205.2E6  | 229.0E6  | 50.473  | 57.513   |
| 12)                         | B 4,4'-DDE      | 6.239 | 5.397 | 193.7E6  | 222.2E6  | 49.398m | 54.629   |
| 13)                         | MA Dieldrin     | 6.392 | 5.532 | 195.0E6  | 238.9E6  | 50.579m | 58.743   |
| 14)                         | MA Endrin       | 6.620 | 5.808 | 152.6E6  | 186.0E6  | 47.904  | 51.093   |
| 15)                         | B Endosulfa...  | 6.832 | 6.097 | 168.3E6  | 208.2E6  | 52.725  | 57.977   |
| 16)                         | A 4,4'-DDD      | 6.750 | 5.949 | 152.3E6  | 199.8E6  | 53.787  | 61.151   |
| 17)                         | MA 4,4'-DDT     | 7.065 | 6.202 | 137.6E6  | 179.0E6  | 48.316  | 52.100m  |
| 18)                         | B Endrin al...  | 6.961 | 6.275 | 121.8E6  | 156.2E6  | 52.484  | 59.783   |
| 19)                         | B Endosulfa...  | 7.195 | 6.498 | 143.0E6  | 192.6E6  | 51.031  | 58.045   |
| 20)                         | A Methoxychlor  | 7.536 | 6.771 | 62467040 | 98508784 | 44.775  | 51.645m  |
| 21)                         | B Endrin ke...  | 7.675 | 7.004 | 150.2E6  | 226.4E6  | 52.687  | 64.305   |
| 22)                         | Mirex           | 8.157 | 7.198 | 117.9E6  | 161.3E6  | 49.637  | 55.954m  |
| -----                       |                 |       |       |          |          |         |          |

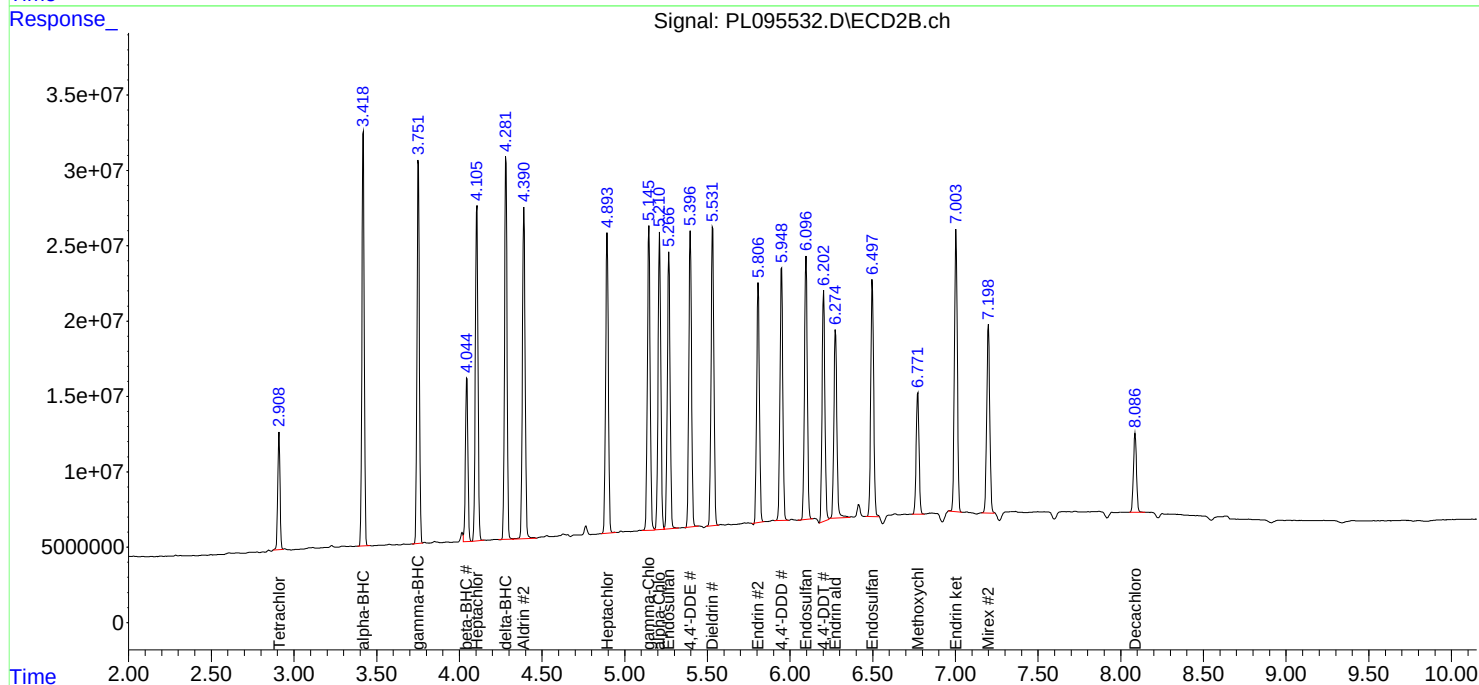
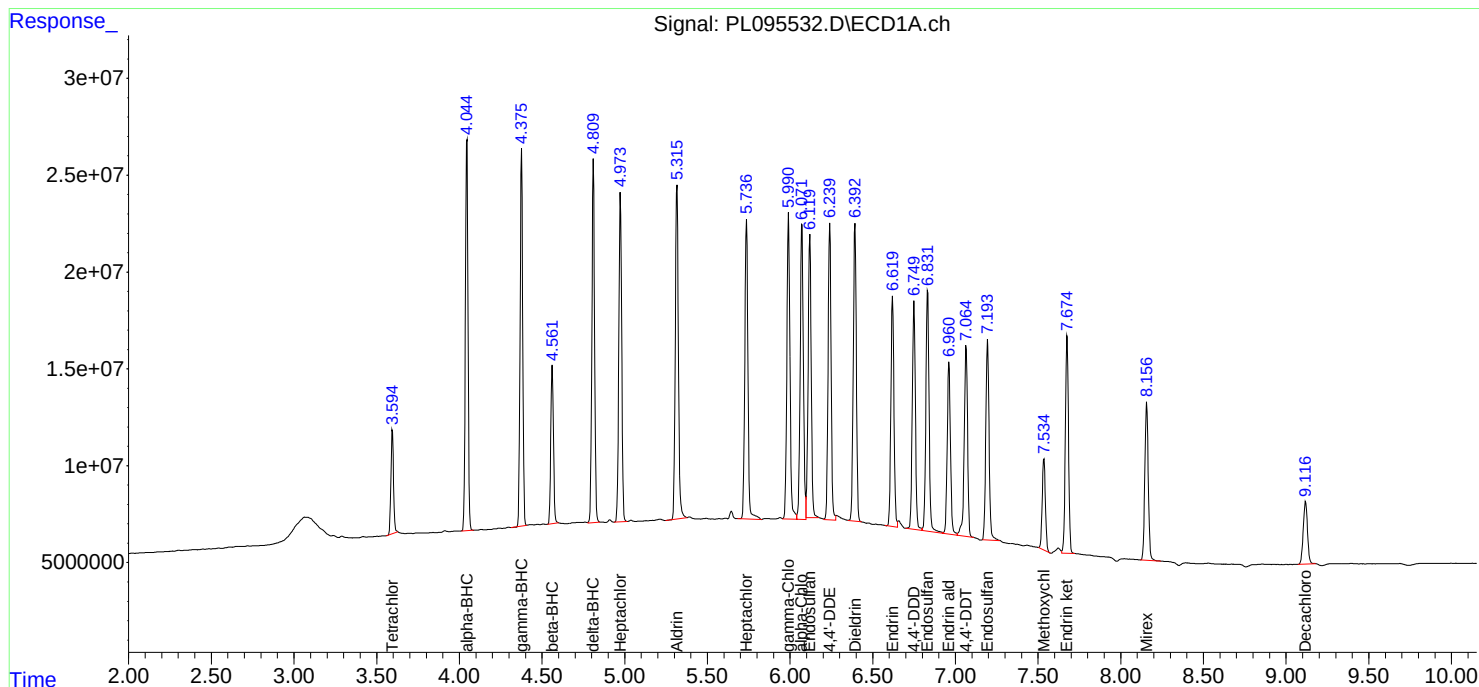
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

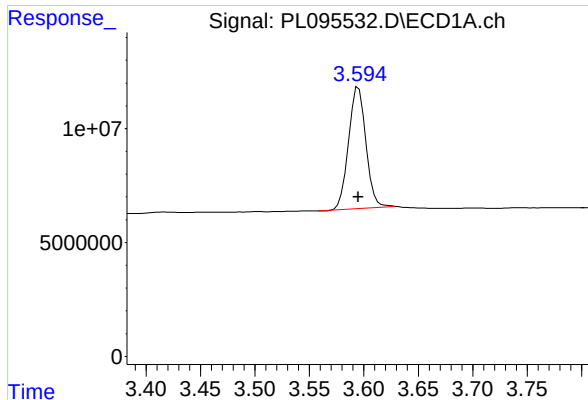
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095532.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 13:25  
Operator : AR\AJ  
Sample : PB167854BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:38:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

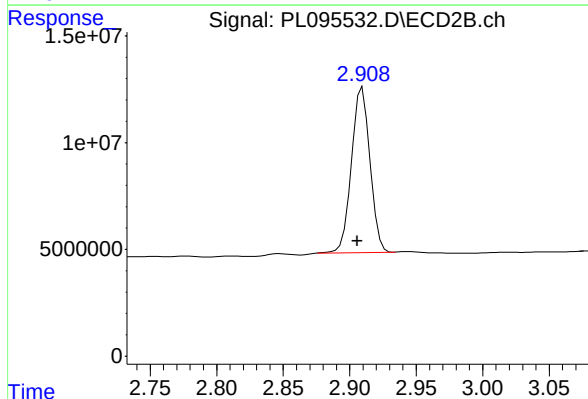




## #1 Tetrachloro-m-xylene

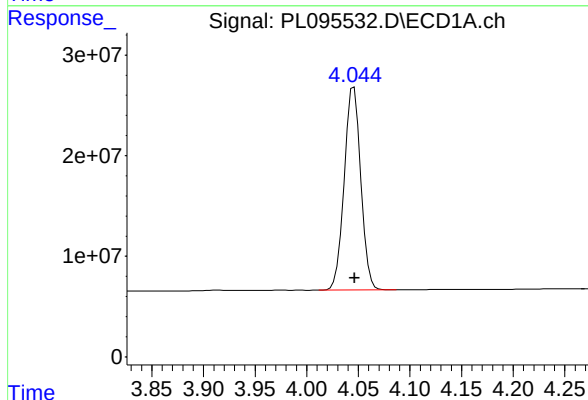
R.T.: 3.595 min  
Delta R.T.: 0.000 min  
Response: 59205924  
Conc: 18.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



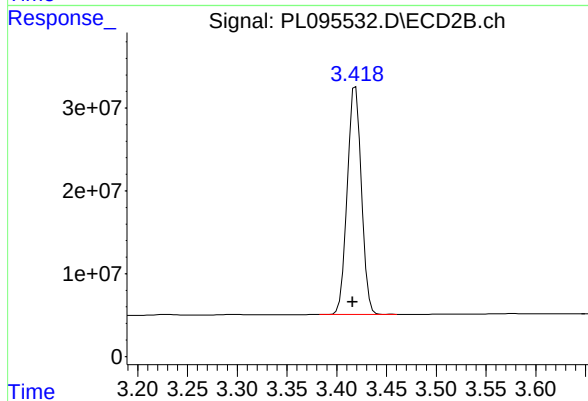
## #1 Tetrachloro-m-xylene

R.T.: 2.910 min  
Delta R.T.: 0.004 min  
Response: 75217001  
Conc: 23.65 ng/ml



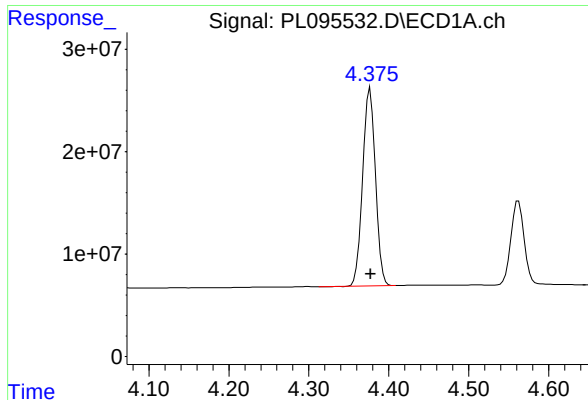
## #2 alpha-BHC

R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 225264012  
Conc: 45.47 ng/ml



## #2 alpha-BHC

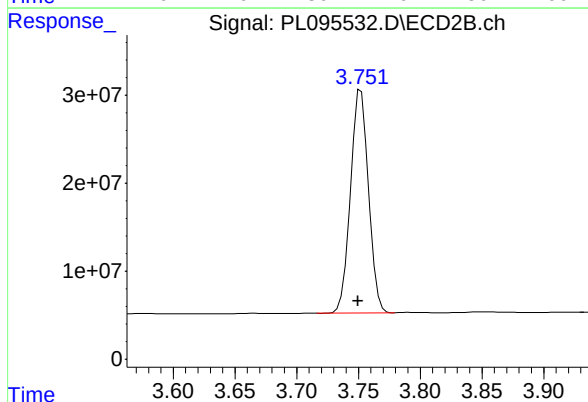
R.T.: 3.419 min  
Delta R.T.: 0.003 min  
Response: 272680033  
Conc: 61.29 ng/ml



## #3 gamma-BHC (Lindane)

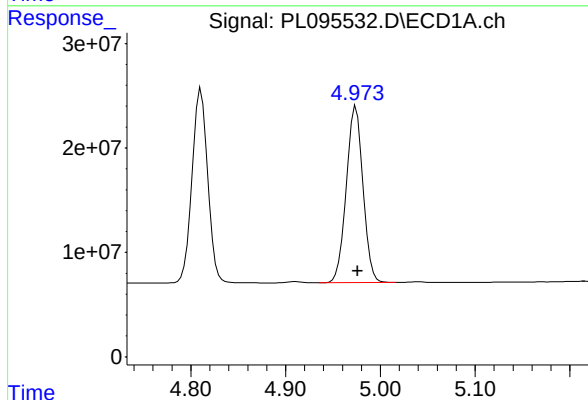
R.T.: 4.377 min  
Delta R.T.: 0.000 min  
Response: 214250372  
Conc: 45.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



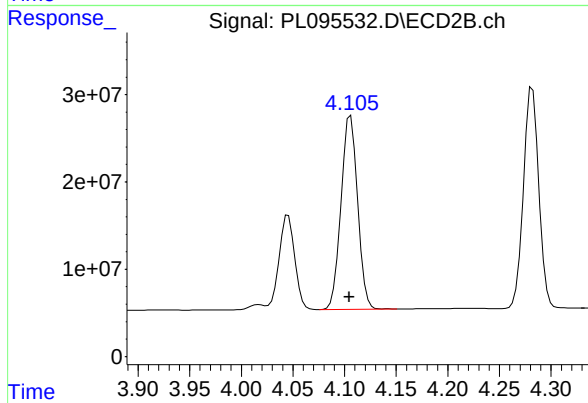
## #3 gamma-BHC (Lindane)

R.T.: 3.752 min  
Delta R.T.: 0.002 min  
Response: 258166044  
Conc: 58.70 ng/ml



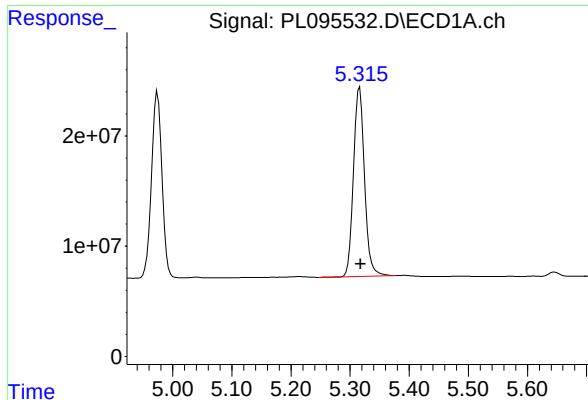
## #4 Heptachlor

R.T.: 4.974 min  
Delta R.T.: -0.002 min  
Response: 207011288  
Conc: 45.25 ng/ml



## #4 Heptachlor

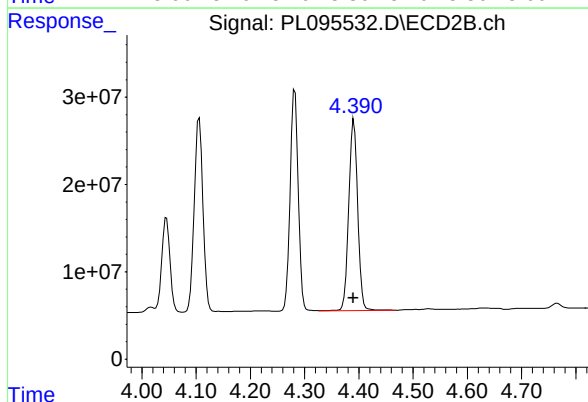
R.T.: 4.106 min  
Delta R.T.: 0.001 min  
Response: 247513256  
Conc: 56.81 ng/ml



#5 Aldrin

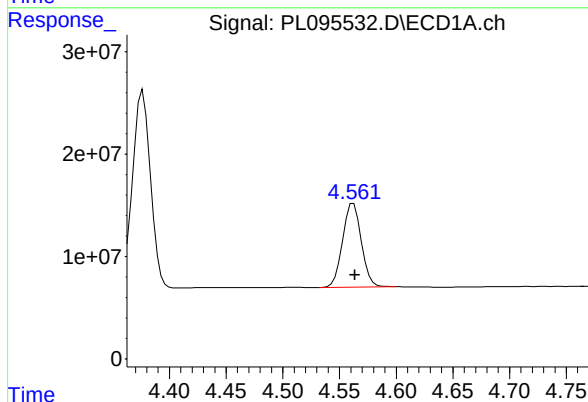
R.T.: 5.316 min  
Delta R.T.: -0.002 min  
Response: 223234915  
Conc: 48.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



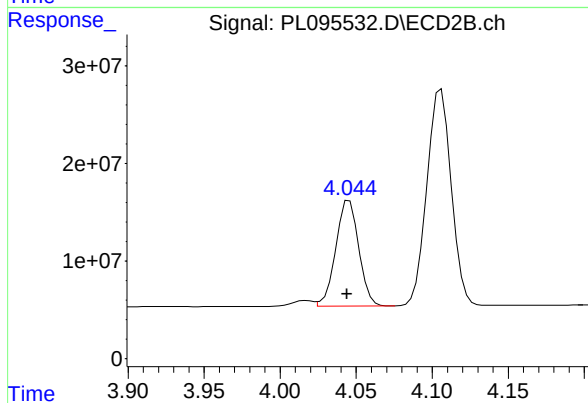
#5 Aldrin

R.T.: 4.391 min  
Delta R.T.: 0.000 min  
Response: 250111035  
Conc: 60.77 ng/ml



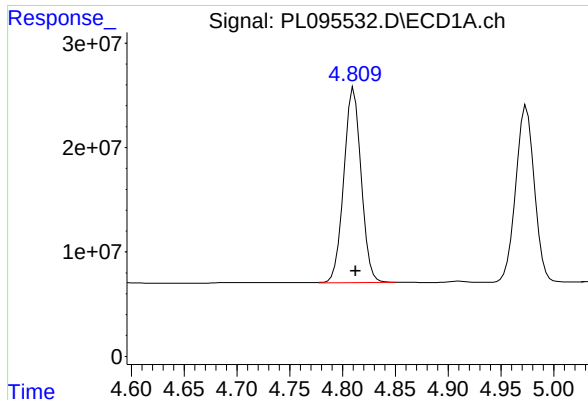
#6 beta-BHC

R.T.: 4.562 min  
Delta R.T.: -0.001 min  
Response: 93978270  
Conc: 45.45 ng/ml



#6 beta-BHC

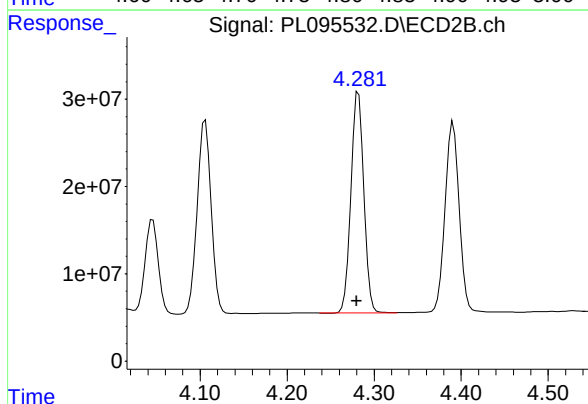
R.T.: 4.046 min  
Delta R.T.: 0.002 min  
Response: 114025774  
Conc: 54.93 ng/ml



#7 delta-BHC

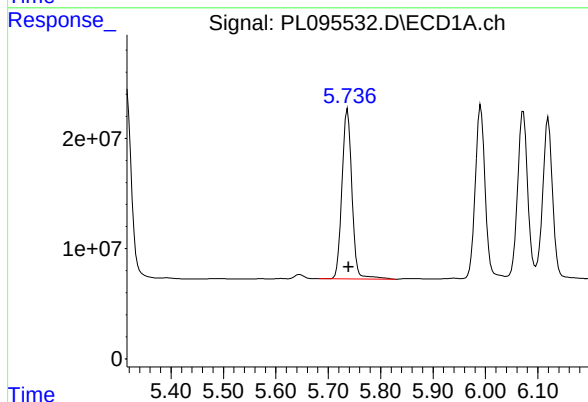
R.T.: 4.809 min  
Delta R.T.: -0.003 min  
Response: 213412359  
Conc: 45.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



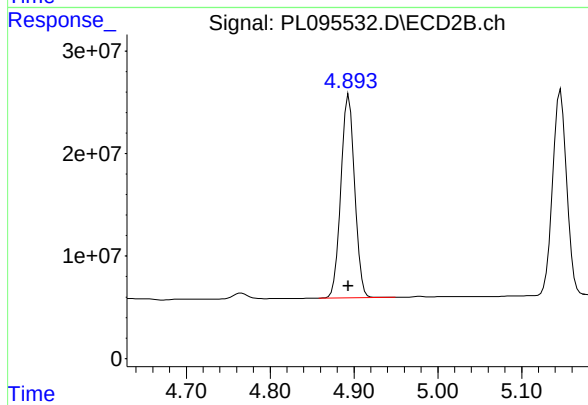
#7 delta-BHC

R.T.: 4.282 min  
Delta R.T.: 0.002 min  
Response: 262552092  
Conc: 59.92 ng/ml



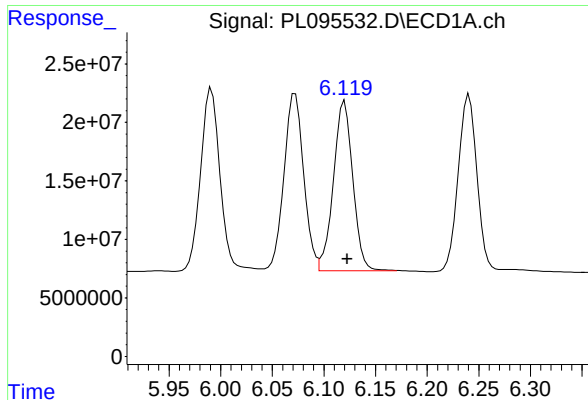
#8 Heptachlor epoxide

R.T.: 5.737 min  
Delta R.T.: -0.002 min  
Response: 203574483  
Conc: 50.83 ng/ml



#8 Heptachlor epoxide

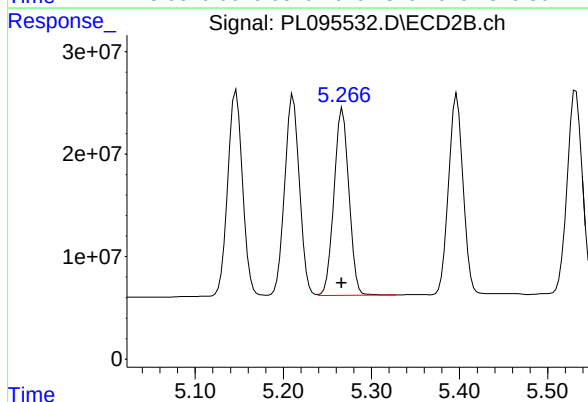
R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 225846599  
Conc: 58.47 ng/ml



#9 Endosulfan I

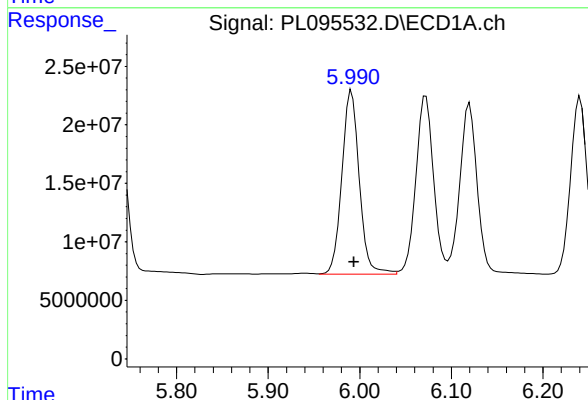
R.T.: 6.119 min  
Delta R.T.: -0.004 min  
Response: 189510920  
Conc: 49.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



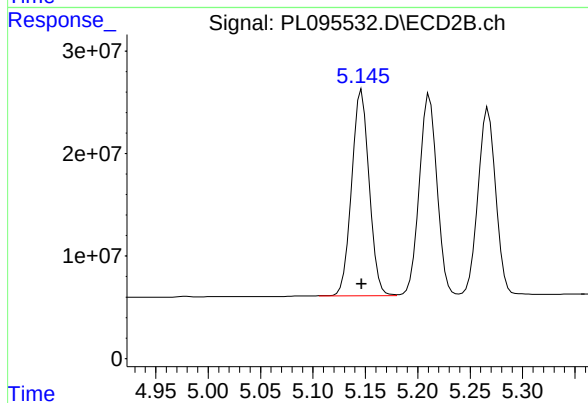
#9 Endosulfan I

R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 215493118  
Conc: 58.87 ng/ml



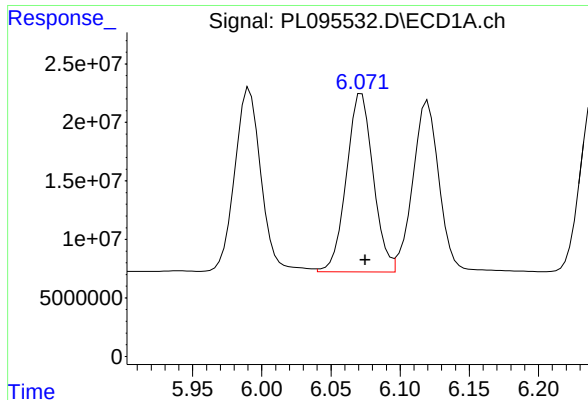
#10 gamma-Chlordane

R.T.: 5.991 min  
Delta R.T.: -0.002 min  
Response: 208075693  
Conc: 51.01 ng/ml



#10 gamma-Chlordane

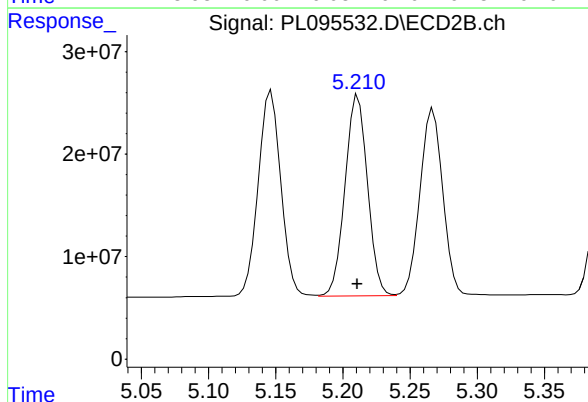
R.T.: 5.145 min  
Delta R.T.: -0.001 min  
Response: 235811693  
Conc: 58.19 ng/ml m



#11 alpha-Chlordane

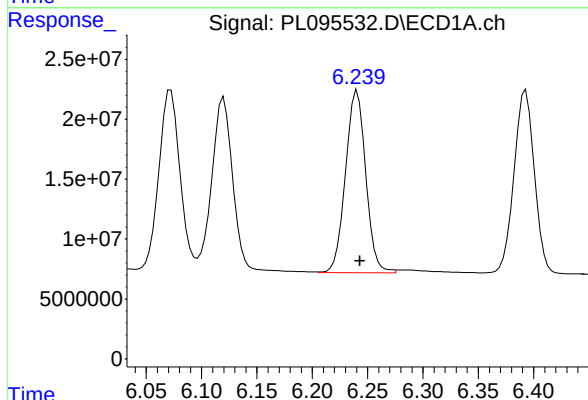
R.T.: 6.072 min  
Delta R.T.: -0.003 min  
Response: 205229272  
Conc: 50.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



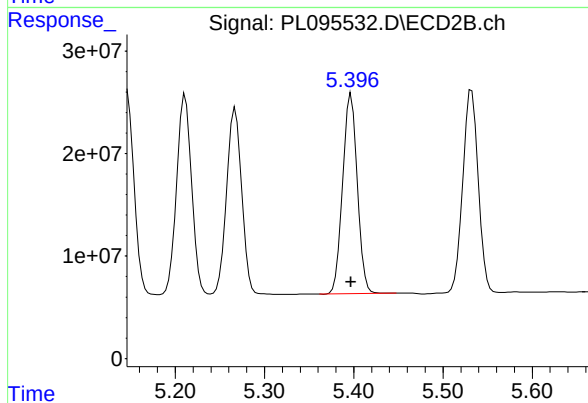
#11 alpha-Chlordane

R.T.: 5.211 min  
Delta R.T.: 0.000 min  
Response: 228963999  
Conc: 57.51 ng/ml



#12 4,4'-DDE

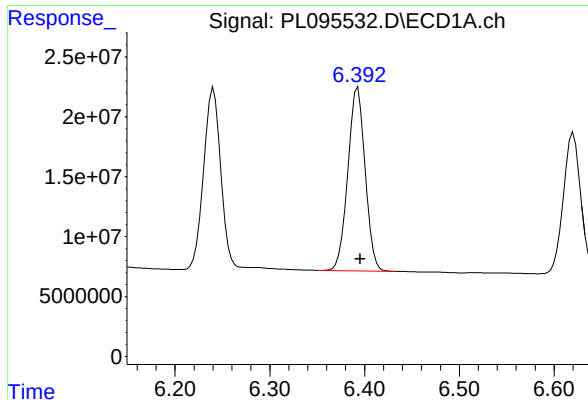
R.T.: 6.239 min  
Delta R.T.: -0.004 min  
Response: 193665549  
Conc: 49.40 ng/ml m



#12 4,4'-DDE

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 222176370  
Conc: 54.63 ng/ml

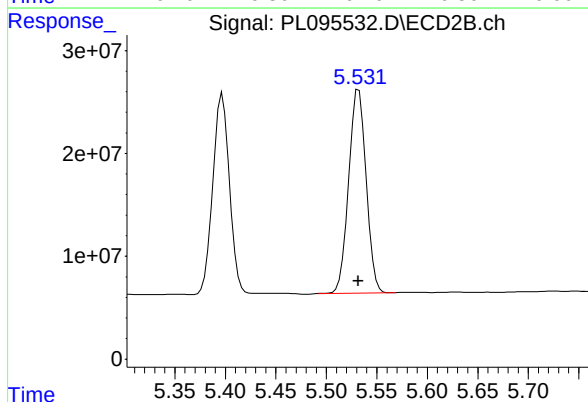




#13 Dieldrin

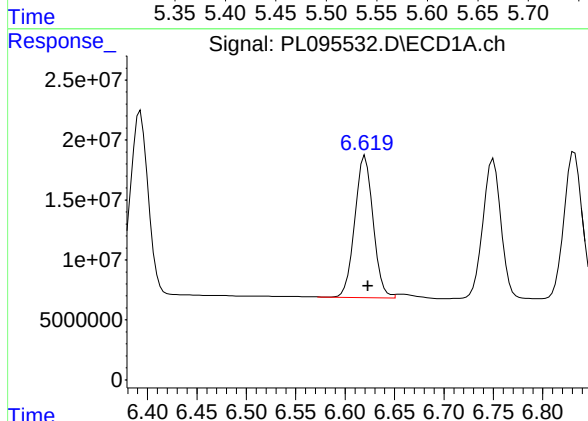
R.T.: 6.392 min  
Delta R.T.: -0.004 min  
Response: 194973532  
Conc: 50.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



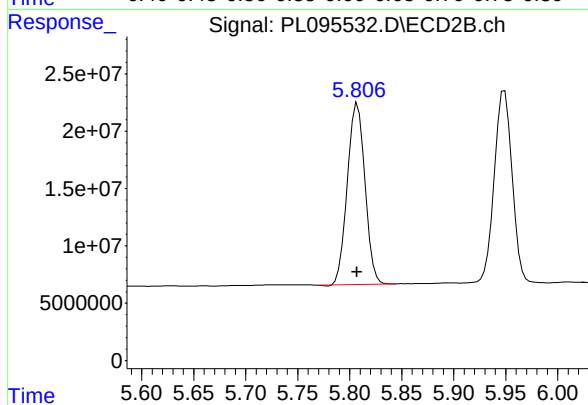
#13 Dieldrin

R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 238913582  
Conc: 58.74 ng/ml



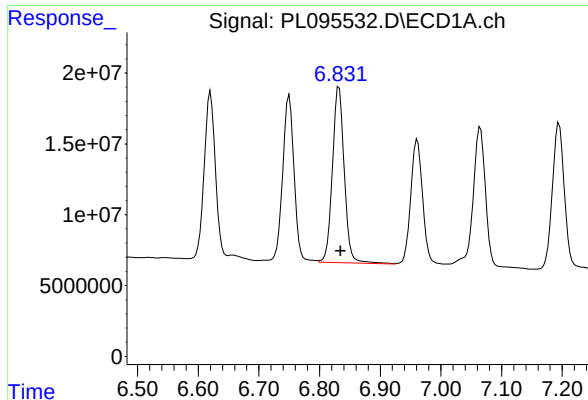
#14 Endrin

R.T.: 6.620 min  
Delta R.T.: -0.003 min  
Response: 152560839  
Conc: 47.90 ng/ml



#14 Endrin

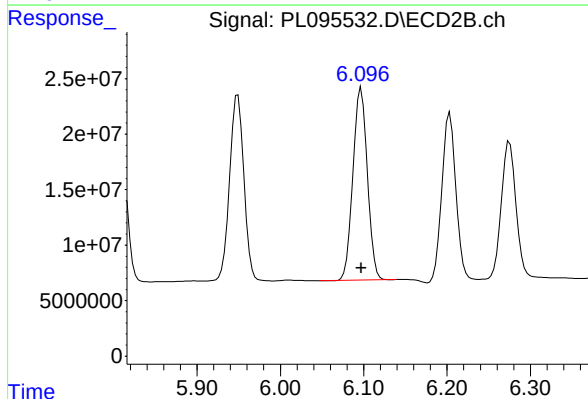
R.T.: 5.808 min  
Delta R.T.: 0.000 min  
Response: 186014130  
Conc: 51.09 ng/ml



## #15 Endosulfan II

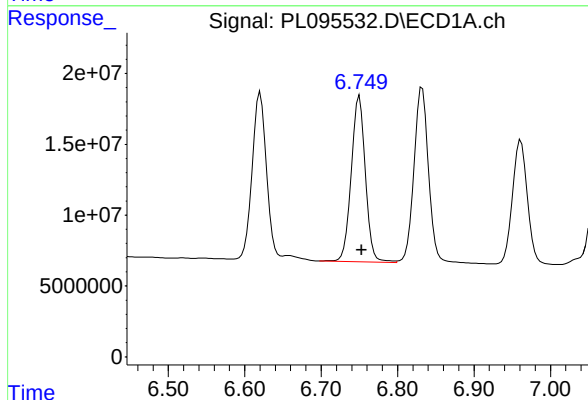
R.T.: 6.832 min  
Delta R.T.: -0.003 min  
Response: 168306143  
Conc: 52.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



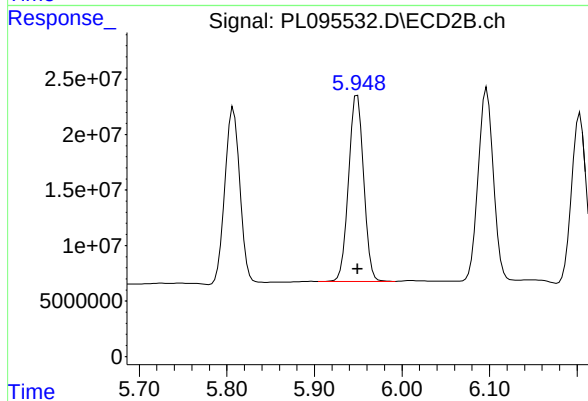
## #15 Endosulfan II

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 208200241  
Conc: 57.98 ng/ml



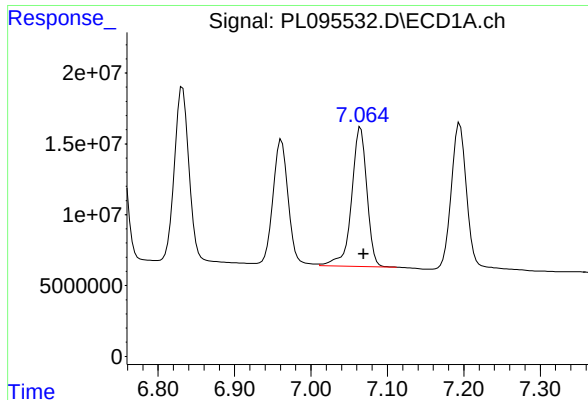
## #16 4,4'-DDD

R.T.: 6.750 min  
Delta R.T.: -0.003 min  
Response: 152269168  
Conc: 53.79 ng/ml



## #16 4,4'-DDD

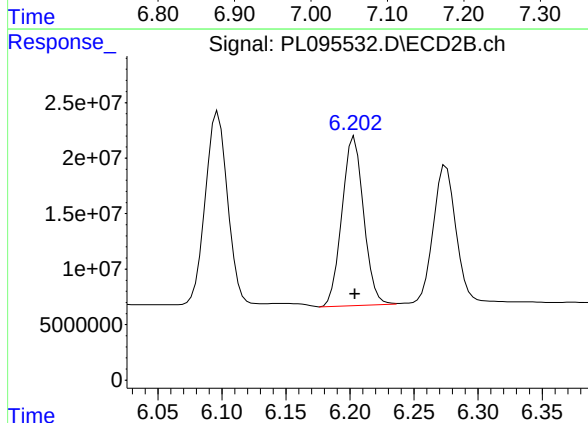
R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 199767830  
Conc: 61.15 ng/ml



#17 4,4'-DDT

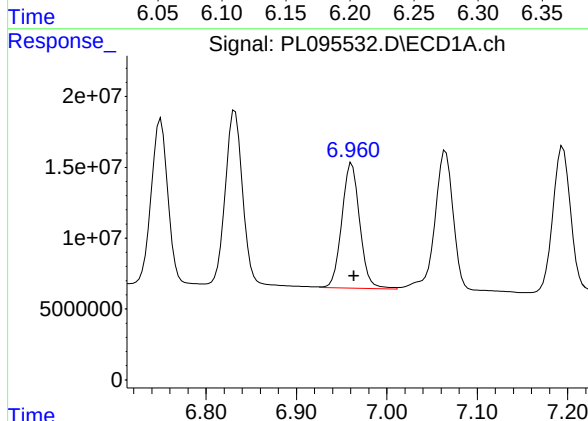
R.T.: 7.065 min  
Delta R.T.: -0.004 min  
Response: 137631752  
Conc: 48.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



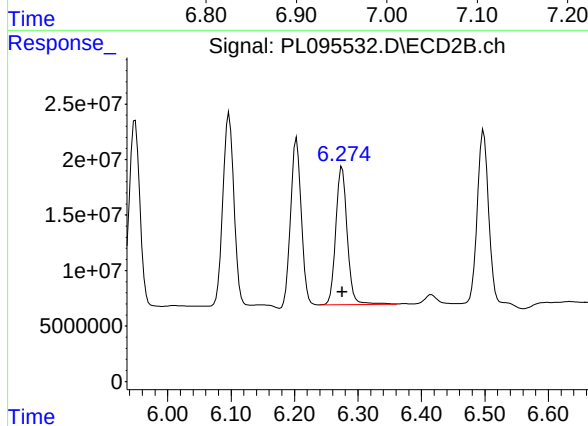
#17 4,4'-DDT

R.T.: 6.202 min  
Delta R.T.: -0.002 min  
Response: 179023847  
Conc: 52.10 ng/ml



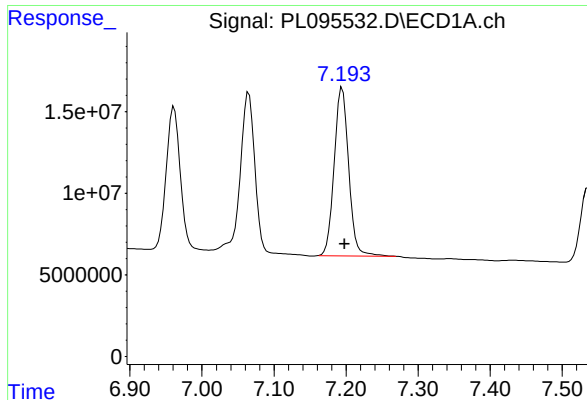
#18 Endrin aldehyde

R.T.: 6.961 min  
Delta R.T.: -0.002 min  
Response: 121804709  
Conc: 52.48 ng/ml



#18 Endrin aldehyde

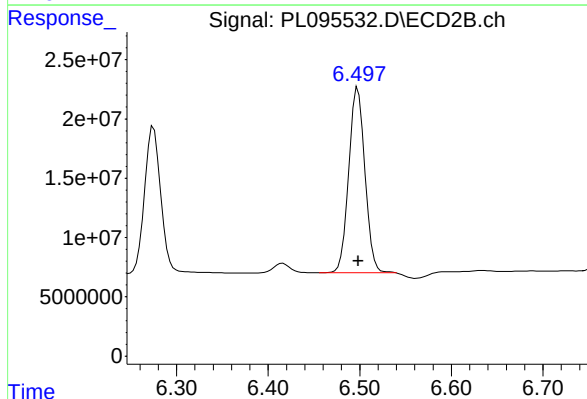
R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 156222153  
Conc: 59.78 ng/ml



## #19 Endosulfan Sulfate

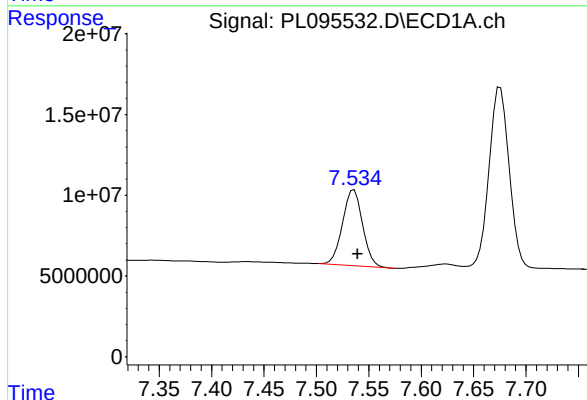
R.T.: 7.195 min  
Delta R.T.: -0.003 min  
Response: 142977143  
Conc: 51.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



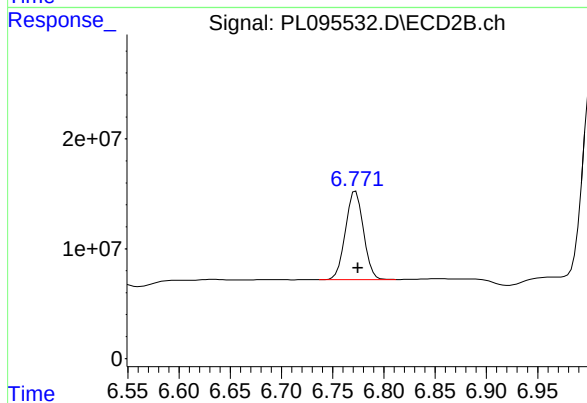
## #19 Endosulfan Sulfate

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 192590373  
Conc: 58.05 ng/ml



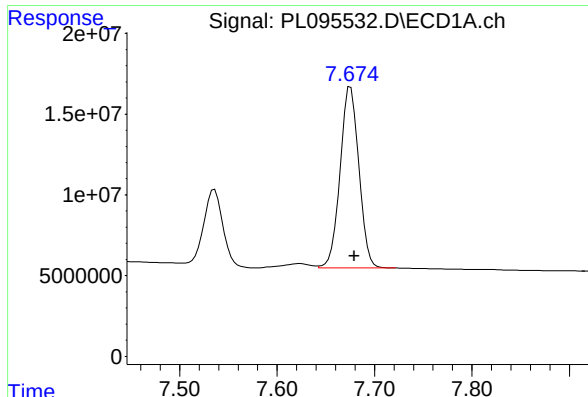
## #20 Methoxychlor

R.T.: 7.536 min  
Delta R.T.: -0.004 min  
Response: 62467040  
Conc: 44.78 ng/ml



## #20 Methoxychlor

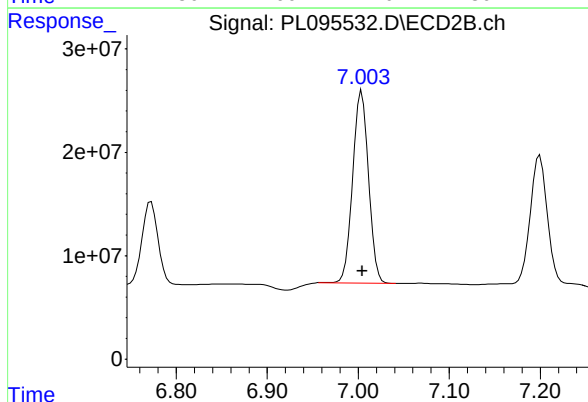
R.T.: 6.771 min  
Delta R.T.: -0.004 min  
Response: 98508784  
Conc: 51.64 ng/ml m



#21 Endrin ketone

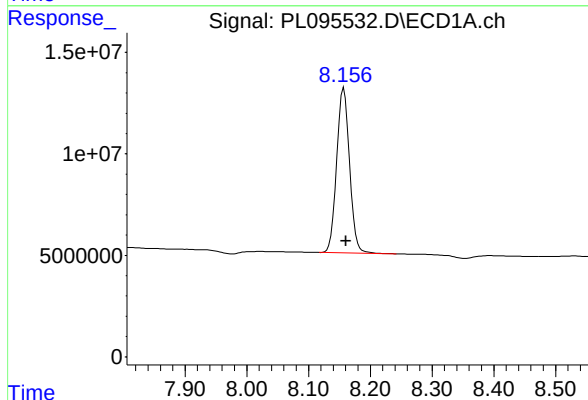
R.T.: 7.675 min  
Delta R.T.: -0.004 min  
Response: 150204921  
Conc: 52.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



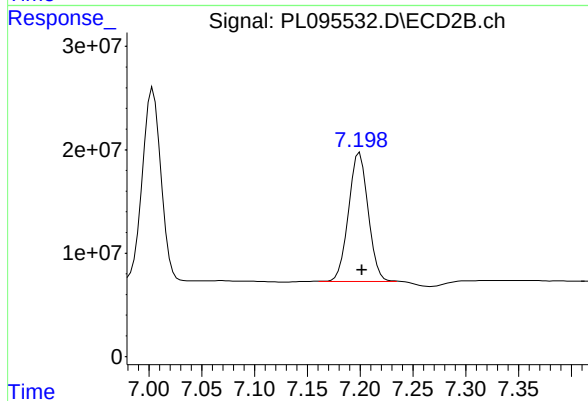
#21 Endrin ketone

R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 226438108  
Conc: 64.31 ng/ml



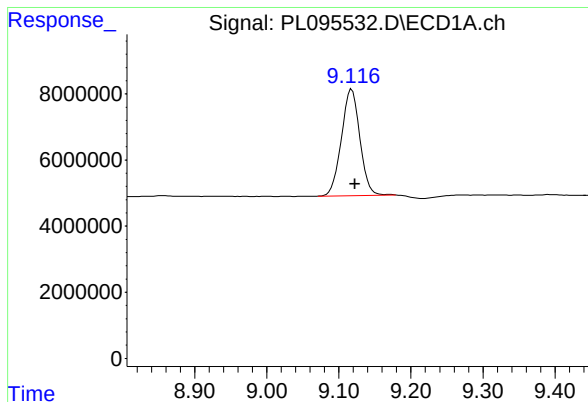
#22 Mirex

R.T.: 8.157 min  
Delta R.T.: -0.004 min  
Response: 117938847  
Conc: 49.64 ng/ml



#22 Mirex

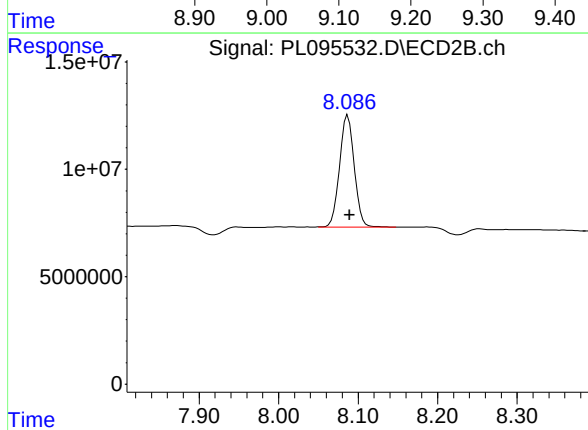
R.T.: 7.198 min  
Delta R.T.: -0.003 min  
Response: 161282373  
Conc: 55.95 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.118 min  
Delta R.T.: -0.004 min  
Response: 57125092  
Conc: 20.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167854BS



#28 Decachlorobiphenyl

R.T.: 8.087 min  
Delta R.T.: -0.002 min  
Response: 66896101  
Conc: 22.61 ng/ml

## Report of Analysis

|                    |                                       |                    |                     |
|--------------------|---------------------------------------|--------------------|---------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25            |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25            |
| Client Sample ID:  | SMALL-PILE-AMS                        | SDG No.:           | Q1937               |
| Lab Sample ID:     | Q1936-01MS                            | Matrix:            | SOIL                |
| Analytical Method: | SW8081                                | % Solid:           | 90.8      Decanted: |
| Sample Wt/Vol:     | 30.07      Units:    g                | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL       |
| Extraction Type:   |                                       | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :                         |                    |                     |
| Prep Method :      | SW3541B                               |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095539.D        | 1         | 05/05/25 08:35 | 05/05/25 15:06 | PB167854      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 25.7  | P         | 0.14                | 1.90       | ug/kg             |
| 319-85-7          | beta-BHC             | 22.7  |           | 0.20                | 1.90       | ug/kg             |
| 319-86-8          | delta-BHC            | 24.8  | P         | 0.43                | 1.90       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 24.4  | P         | 0.15                | 1.90       | ug/kg             |
| 76-44-8           | Heptachlor           | 23.2  | P         | 0.13                | 1.90       | ug/kg             |
| 309-00-2          | Aldrin               | 24.8  | P         | 0.13                | 1.90       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 24.1  |           | 0.21                | 1.90       | ug/kg             |
| 959-98-8          | Endosulfan I         | 24.3  |           | 0.15                | 1.90       | ug/kg             |
| 60-57-1           | Dieldrin             | 24.0  |           | 0.15                | 1.90       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 23.4  |           | 0.15                | 1.90       | ug/kg             |
| 72-20-8           | Endrin               | 23.6  |           | 0.15                | 1.90       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 24.1  |           | 0.32                | 1.90       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 25.0  |           | 0.16                | 1.90       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 22.7  |           | 0.14                | 1.90       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 22.6  |           | 0.15                | 1.90       | ug/kg             |
| 72-43-5           | Methoxychlor         | 21.0  |           | 0.41                | 1.90       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 25.3  | P         | 0.21                | 1.90       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 23.4  |           | 0.41                | 1.90       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 23.6  |           | 0.13                | 1.90       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 23.8  |           | 0.16                | 1.90       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.90  | U         | 5.90                | 36.3       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 14.5  |           | 30 (20) - 150 (144) | 72%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 16.6  |           | 30 (19) - 150 (148) | 83%        | SPK: 20           |

## Report of Analysis

|                    |                                       |          |                    |               |           |
|--------------------|---------------------------------------|----------|--------------------|---------------|-----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |          | Date Collected:    | 05/01/25      |           |
| Project:           | Stan Hope                             |          | Date Received:     | 05/01/25      |           |
| Client Sample ID:  | SMALL-PILE-AMS                        |          | SDG No.:           | Q1937         |           |
| Lab Sample ID:     | Q1936-01MS                            |          | Matrix:            | SOIL          |           |
| Analytical Method: | SW8081                                |          | % Solid:           | 90.8          | Decanted: |
| Sample Wt/Vol:     | 30.07                                 | Units: g | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                       |          | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                   | PH :     |                    |               |           |
| Prep Method :      | SW3541B                               |          |                    |               |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095539.D        | 1         | 05/05/25 08:35 | 05/05/25 15:06 | PB167854      |

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

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095539.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 15:06  
 Operator : AR\AJ  
 Sample : Q1936-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SMALL-PILE-AMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:40:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|----------|
| -----                       |                 |       |       |          |          |         |          |
| System Monitoring Compounds |                 |       |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.593 | 2.909 | 40049031 | 52613205 | 12.267  | 16.546 # |
| 28)                         | SA Decachlor... | 9.114 | 8.084 | 33057669 | 42851827 | 11.931  | 14.481   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.043 | 3.418 | 243.7E6  | 312.6E6  | 49.197  | 70.262 # |
| 3)                          | MA gamma-BHC... | 4.373 | 3.752 | 233.4E6  | 293.1E6  | 49.293m | 66.646 # |
| 4)                          | MA Heptachlor   | 4.972 | 4.105 | 222.8E6  | 276.2E6  | 48.701  | 63.400 # |
| 5)                          | MB Aldrin       | 5.313 | 4.390 | 240.8E6  | 278.9E6  | 52.419m | 67.770 # |
| 6)                          | B beta-BHC      | 4.560 | 4.045 | 99701701 | 128.7E6  | 48.223  | 61.983 # |
| 7)                          | B delta-BHC     | 4.807 | 4.281 | 228.3E6  | 296.3E6  | 49.099m | 67.616 # |
| 8)                          | B Heptachlo...  | 5.734 | 4.893 | 212.0E6  | 253.7E6  | 52.930  | 65.671   |
| 9)                          | A Endosulfan I  | 6.117 | 5.265 | 201.7E6  | 242.4E6  | 53.106  | 66.231   |
| 10)                         | B gamma-Chl...  | 5.987 | 5.144 | 214.9E6  | 263.7E6  | 52.668m | 65.064m  |
| 11)                         | B alpha-Chl...  | 6.070 | 5.209 | 214.0E6  | 257.0E6  | 52.638  | 64.566   |
| 12)                         | B 4,4'-DDE      | 6.238 | 5.395 | 205.8E6  | 259.3E6  | 52.497  | 63.764   |
| 13)                         | MA Dieldrin     | 6.390 | 5.531 | 201.9E6  | 266.9E6  | 52.377  | 65.632 # |
| 14)                         | MA Endrin       | 6.618 | 5.805 | 167.0E6  | 234.3E6  | 52.431  | 64.357   |
| 15)                         | B Endosulfa...  | 6.830 | 6.095 | 173.5E6  | 236.6E6  | 54.356  | 65.879   |
| 16)                         | A 4,4'-DDD      | 6.748 | 5.947 | 158.7E6  | 222.8E6  | 56.064  | 68.212   |
| 17)                         | MA 4,4'-DDT     | 7.063 | 6.201 | 140.4E6  | 211.8E6  | 49.293  | 61.625 # |
| 18)                         | B Endrin al...  | 6.959 | 6.273 | 122.5E6  | 166.9E6  | 52.799  | 63.874   |
| 19)                         | B Endosulfa...  | 7.192 | 6.495 | 147.1E6  | 205.9E6  | 52.490  | 62.043m  |
| 20)                         | A Methoxychlor  | 7.533 | 6.769 | 64119642 | 109.4E6  | 45.960  | 57.373m  |
| 21)                         | B Endrin ke...  | 7.673 | 7.002 | 150.1E6  | 243.7E6  | 52.655  | 69.207 # |
| 22)                         | Mirex           | 8.155 | 7.197 | 119.5E6  | 175.3E6  | 50.295  | 60.816m  |
| -----                       |                 |       |       |          |          |         |          |

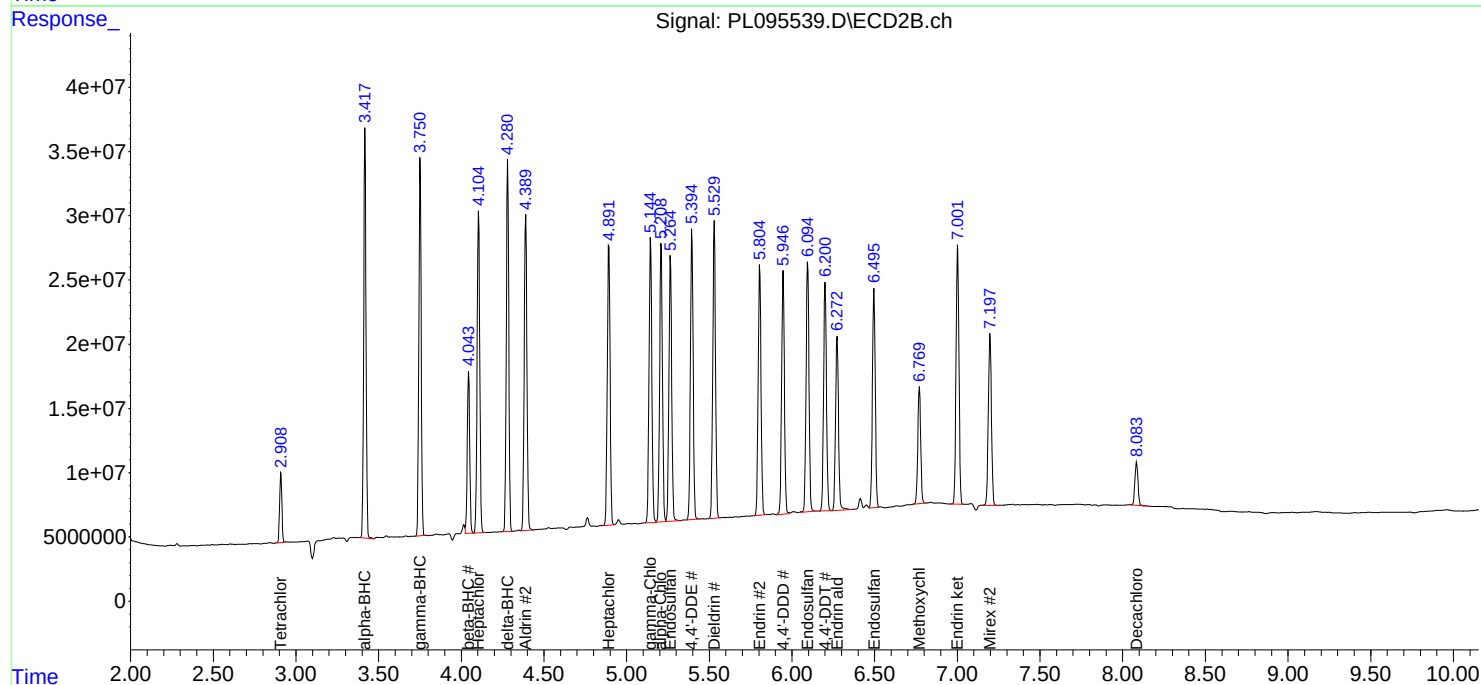
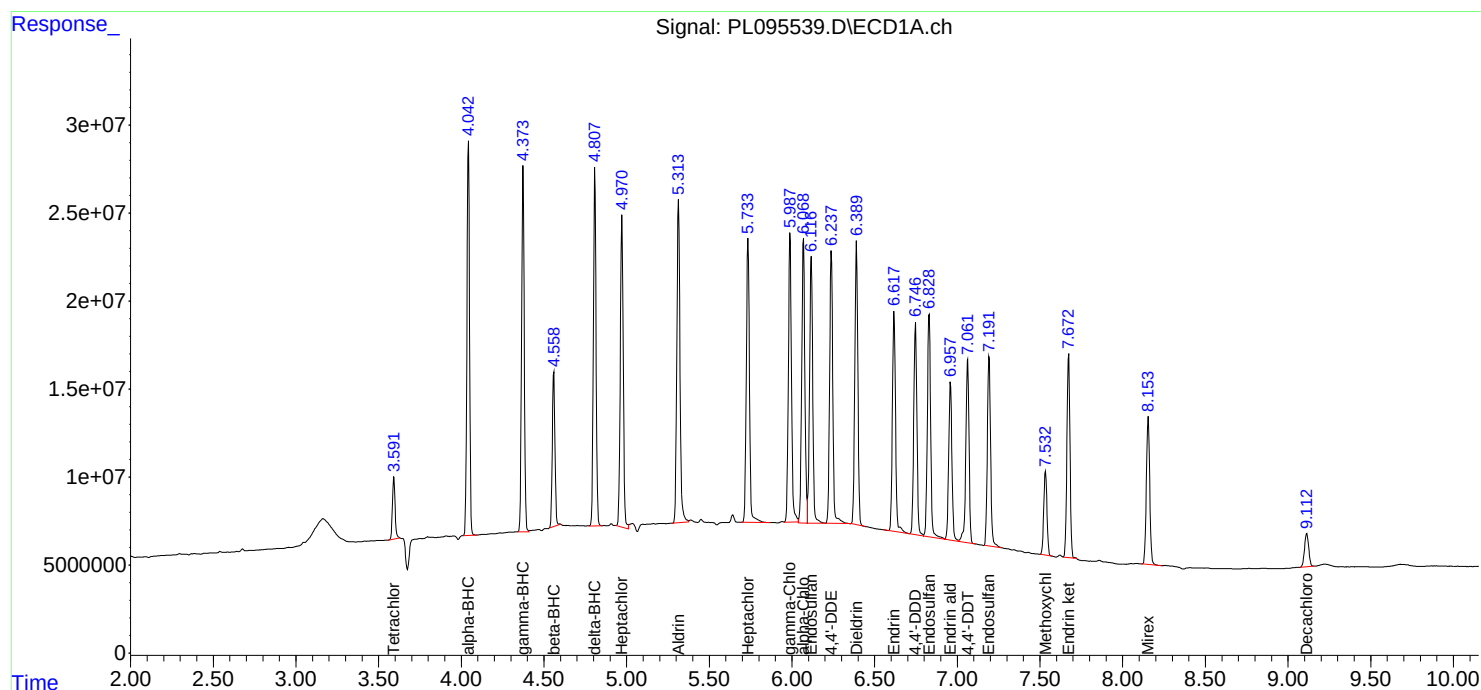
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

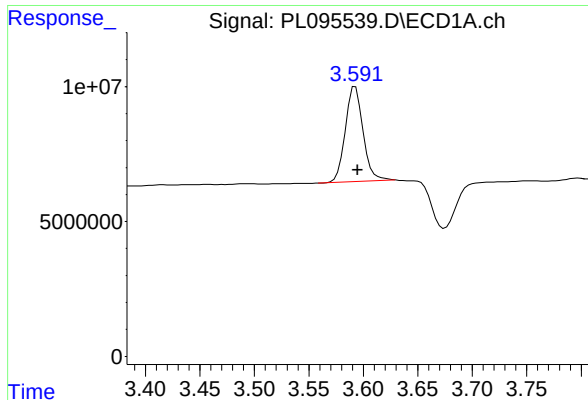
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095539.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 15:06  
Operator : AR\AJ  
Sample : Q1936-01MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:40:35 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

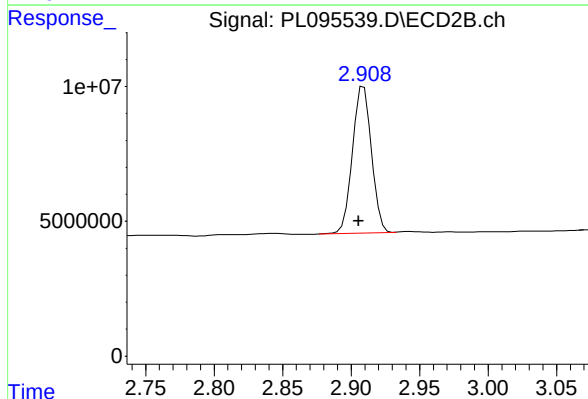




## #1 Tetrachloro-m-xylene

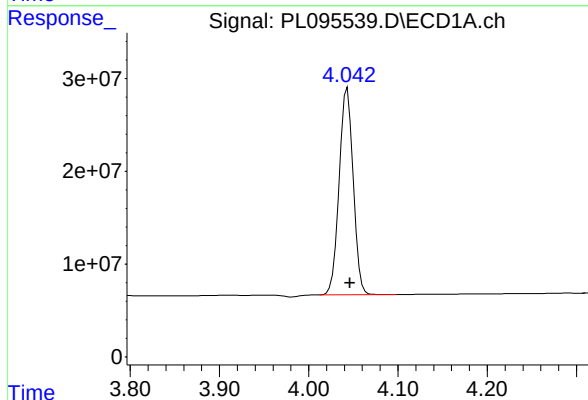
R.T.: 3.593 min  
Delta R.T.: -0.002 min  
Response: 40049031  
Conc: 12.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMS



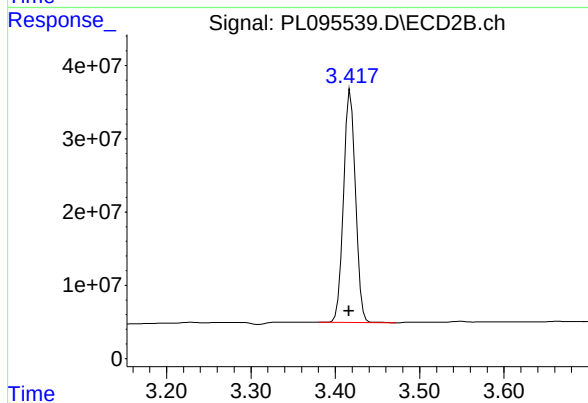
## #1 Tetrachloro-m-xylene

R.T.: 2.909 min  
Delta R.T.: 0.004 min  
Response: 52613205  
Conc: 16.55 ng/ml



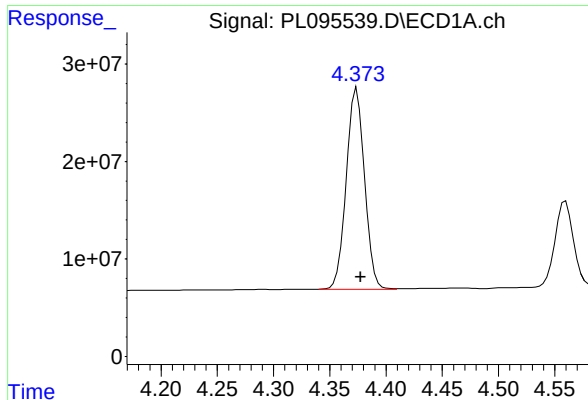
## #2 alpha-BHC

R.T.: 4.043 min  
Delta R.T.: -0.003 min  
Response: 243709402  
Conc: 49.20 ng/ml



## #2 alpha-BHC

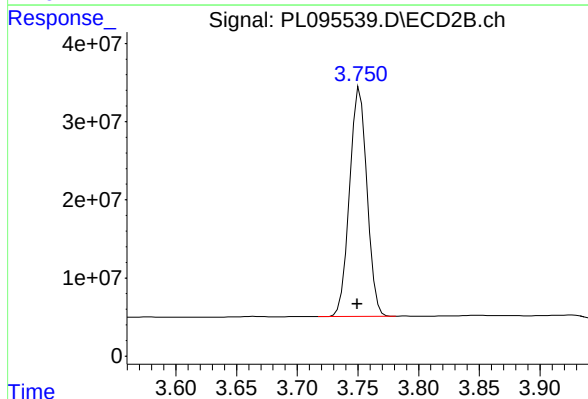
R.T.: 3.418 min  
Delta R.T.: 0.002 min  
Response: 312574112  
Conc: 70.26 ng/ml



#3 gamma-BHC (Lindane)

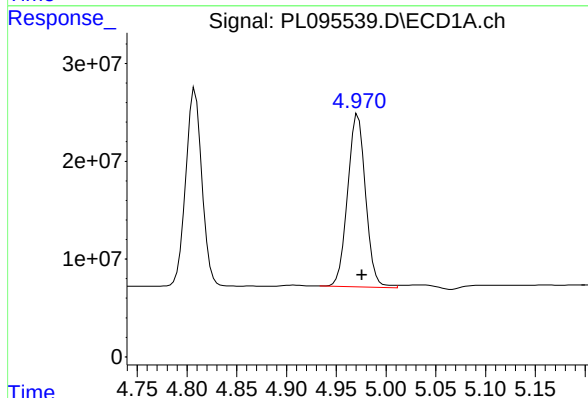
R.T.: 4.373 min  
Delta R.T.: -0.005 min  
Response: 233350542  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMS



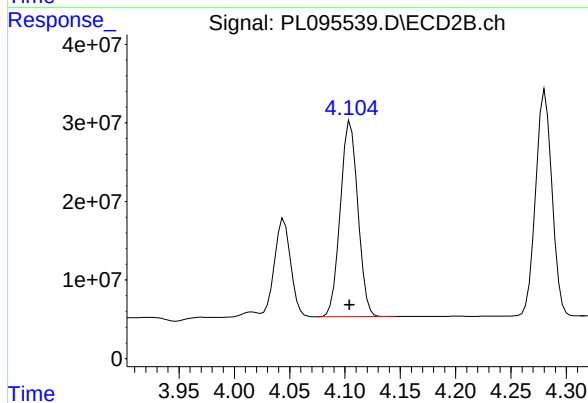
#3 gamma-BHC (Lindane)

R.T.: 3.752 min  
Delta R.T.: 0.002 min  
Response: 293122336  
Conc: 66.65 ng/ml



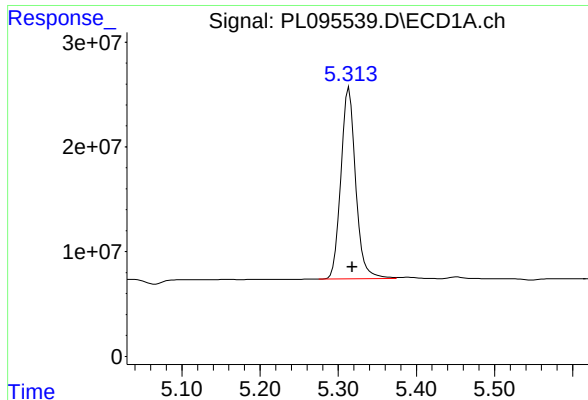
#4 Heptachlor

R.T.: 4.972 min  
Delta R.T.: -0.004 min  
Response: 222779807  
Conc: 48.70 ng/ml



#4 Heptachlor

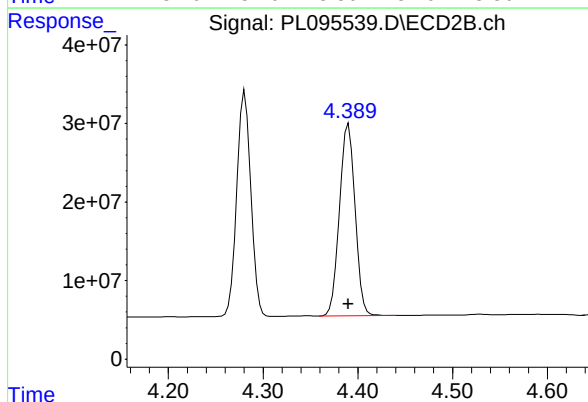
R.T.: 4.105 min  
Delta R.T.: 0.000 min  
Response: 276216852  
Conc: 63.40 ng/ml



#5 Aldrin

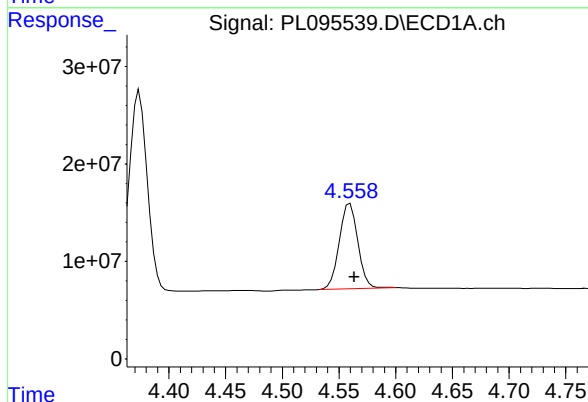
R.T.: 5.313 min  
Delta R.T.: -0.006 min  
Response: 240761994  
Conc: 52.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMS



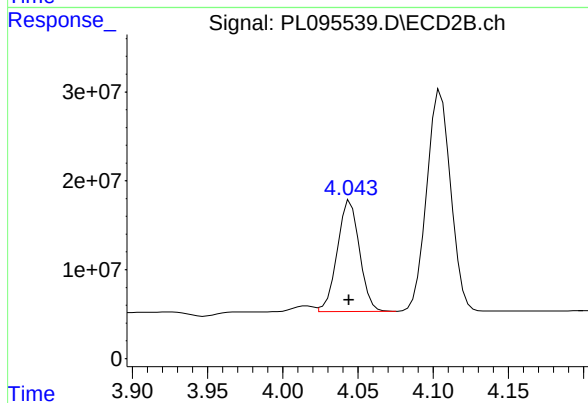
#5 Aldrin

R.T.: 4.390 min  
Delta R.T.: 0.000 min  
Response: 278918280  
Conc: 67.77 ng/ml



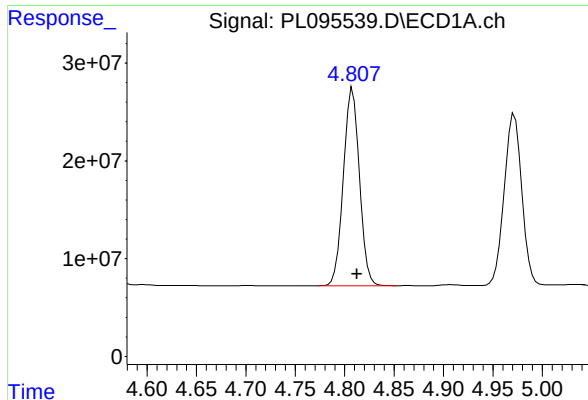
#6 beta-BHC

R.T.: 4.560 min  
Delta R.T.: -0.004 min  
Response: 99701701  
Conc: 48.22 ng/ml



#6 beta-BHC

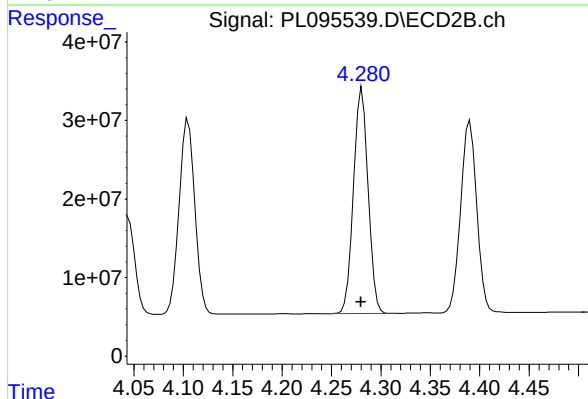
R.T.: 4.045 min  
Delta R.T.: 0.001 min  
Response: 128669094  
Conc: 61.98 ng/ml



#7 delta-BHC

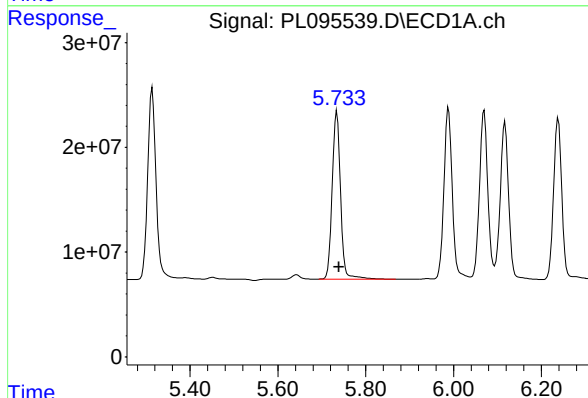
R.T.: 4.807 min  
Delta R.T.: -0.006 min  
Response: 228345594  
Conc: 49.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMS



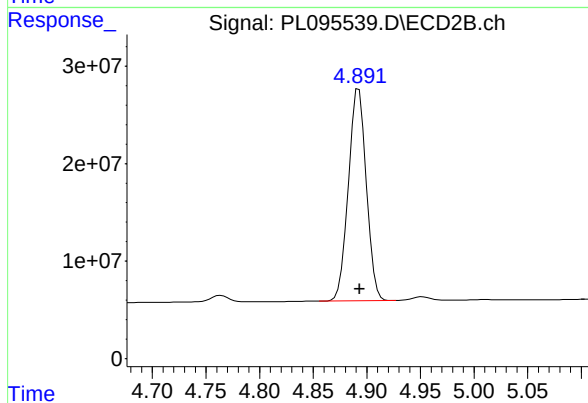
#7 delta-BHC

R.T.: 4.281 min  
Delta R.T.: 0.001 min  
Response: 296291247  
Conc: 67.62 ng/ml



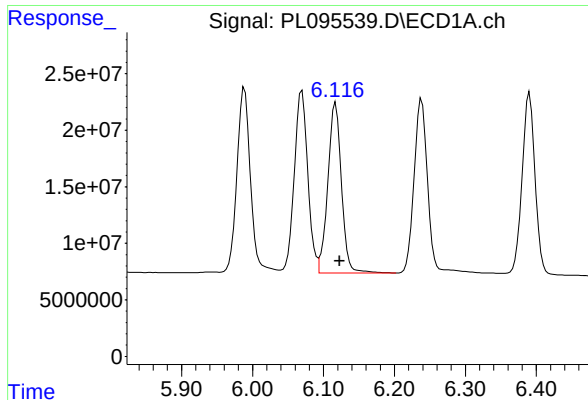
#8 Heptachlor epoxide

R.T.: 5.734 min  
Delta R.T.: -0.005 min  
Response: 211992150  
Conc: 52.93 ng/ml



#8 Heptachlor epoxide

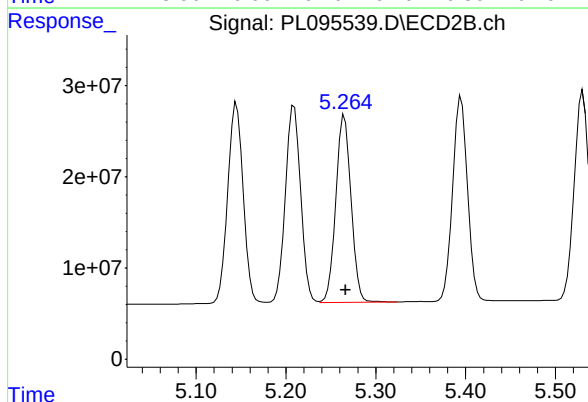
R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 253663334  
Conc: 65.67 ng/ml



## #9 Endosulfan I

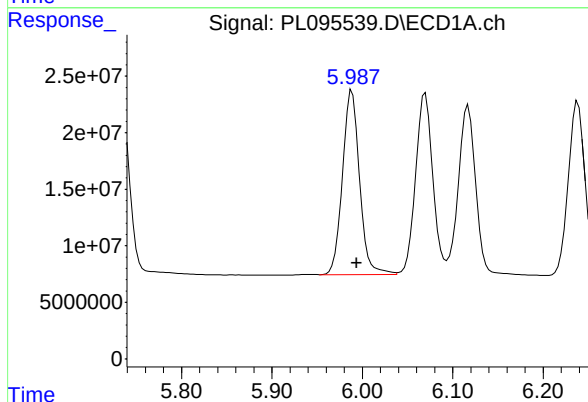
R.T.: 6.117 min  
Delta R.T.: -0.005 min  
Response: 201671257  
Conc: 53.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMS



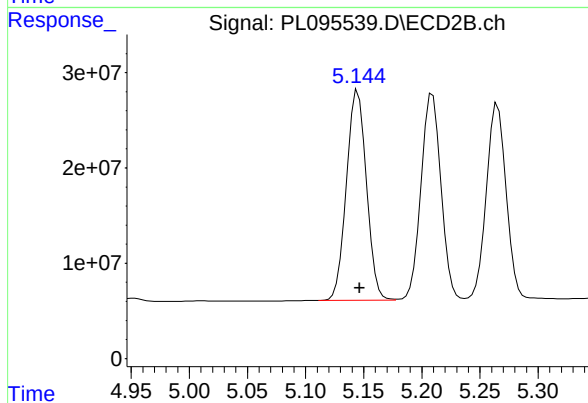
## #9 Endosulfan I

R.T.: 5.265 min  
Delta R.T.: -0.001 min  
Response: 242434560  
Conc: 66.23 ng/ml



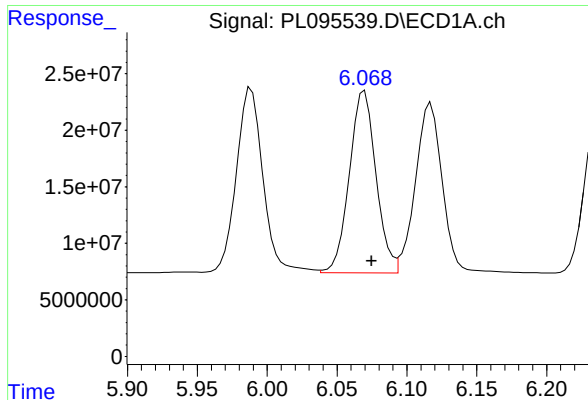
## #10 gamma-Chlordane

R.T.: 5.987 min  
Delta R.T.: -0.006 min  
Response: 214852399  
Conc: 52.67 ng/ml m



## #10 gamma-Chlordane

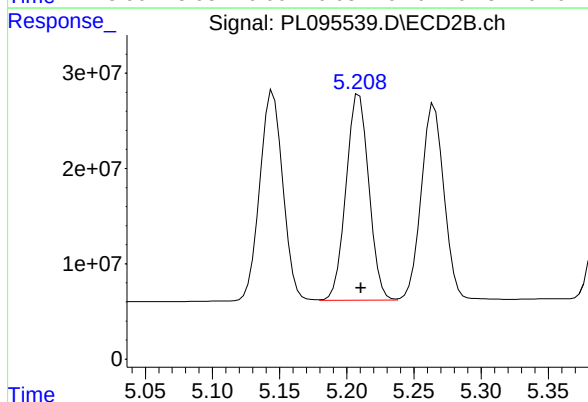
R.T.: 5.144 min  
Delta R.T.: -0.003 min  
Response: 263682901  
Conc: 65.06 ng/ml m



#11 alpha-Chlordane

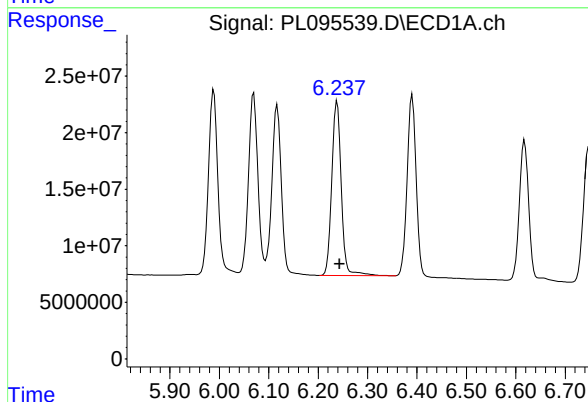
R.T.: 6.070 min  
Delta R.T.: -0.005 min  
Response: 214032875  
Conc: 52.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMS



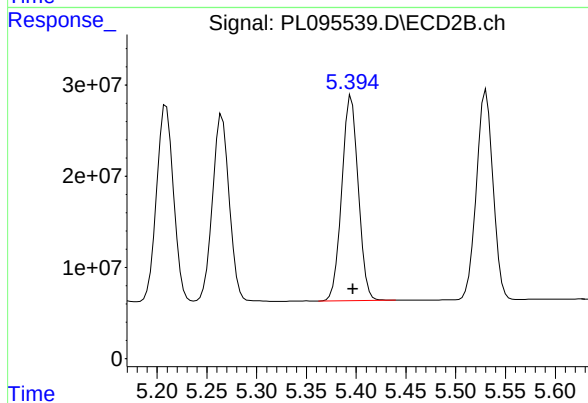
#11 alpha-Chlordane

R.T.: 5.209 min  
Delta R.T.: -0.001 min  
Response: 257043205  
Conc: 64.57 ng/ml



#12 4,4'-DDE

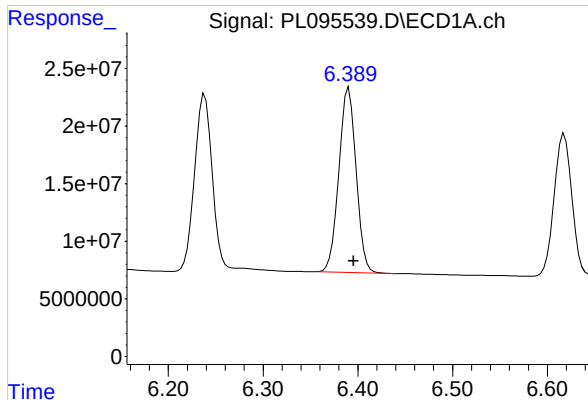
R.T.: 6.238 min  
Delta R.T.: -0.005 min  
Response: 205818975  
Conc: 52.50 ng/ml



#12 4,4'-DDE

R.T.: 5.395 min  
Delta R.T.: -0.002 min  
Response: 259324346  
Conc: 63.76 ng/ml

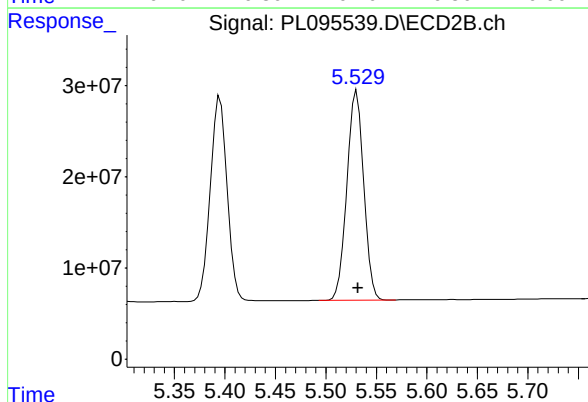




#13 Dieldrin

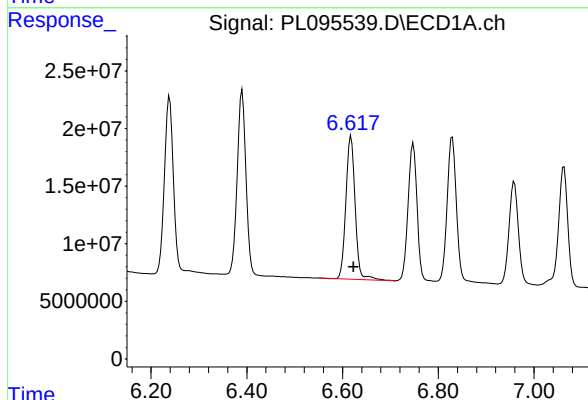
R.T.: 6.390 min  
Delta R.T.: -0.005 min  
Response: 201904862  
Conc: 52.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMS



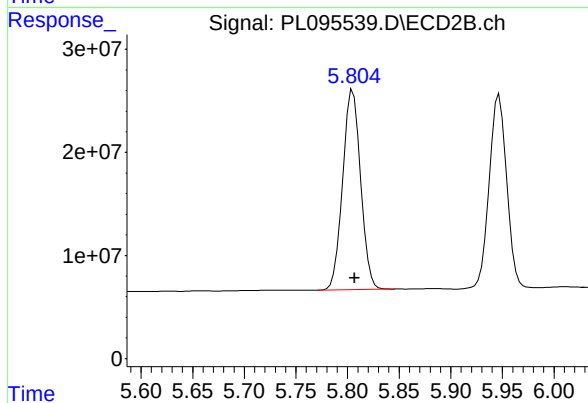
#13 Dieldrin

R.T.: 5.531 min  
Delta R.T.: -0.001 min  
Response: 266932621  
Conc: 65.63 ng/ml



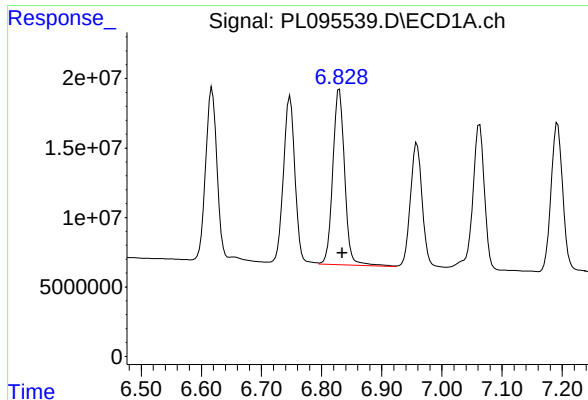
#14 Endrin

R.T.: 6.618 min  
Delta R.T.: -0.005 min  
Response: 166978686  
Conc: 52.43 ng/ml



#14 Endrin

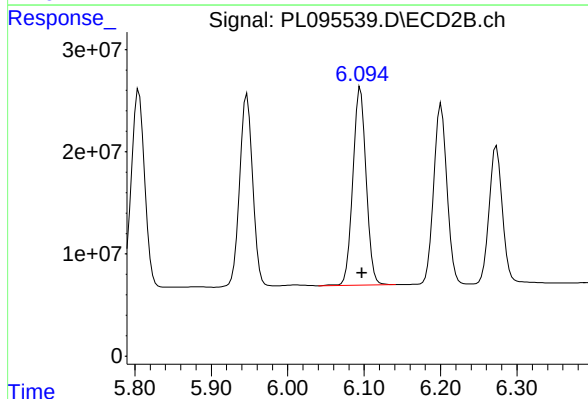
R.T.: 5.805 min  
Delta R.T.: -0.002 min  
Response: 234305468  
Conc: 64.36 ng/ml



#15 Endosulfan II

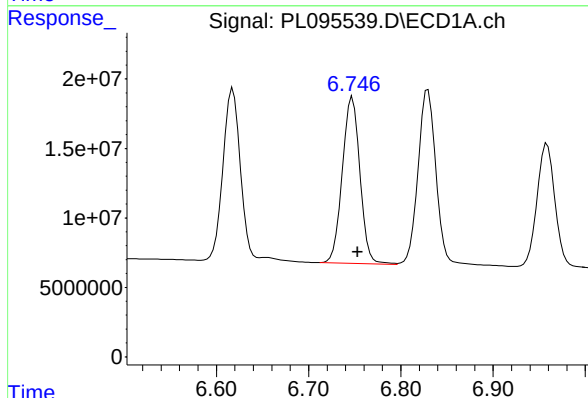
R.T.: 6.830 min  
Delta R.T.: -0.005 min  
Response: 173514028  
Conc: 54.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMS



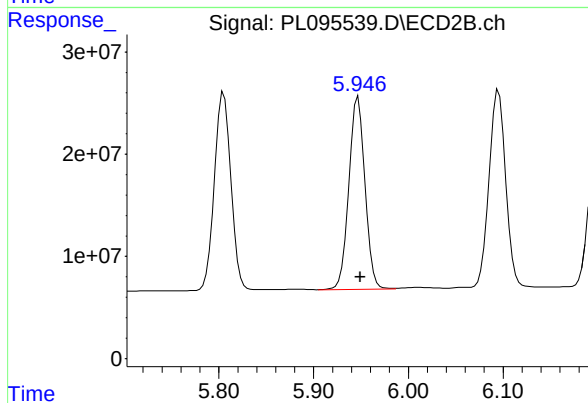
#15 Endosulfan II

R.T.: 6.095 min  
Delta R.T.: -0.002 min  
Response: 236578615  
Conc: 65.88 ng/ml



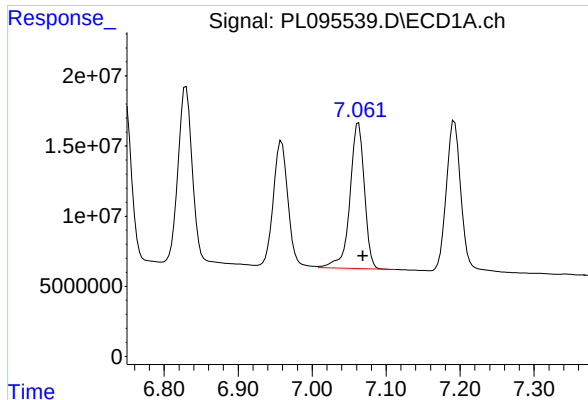
#16 4,4'-DDD

R.T.: 6.748 min  
Delta R.T.: -0.005 min  
Response: 158716064  
Conc: 56.06 ng/ml



#16 4,4'-DDD

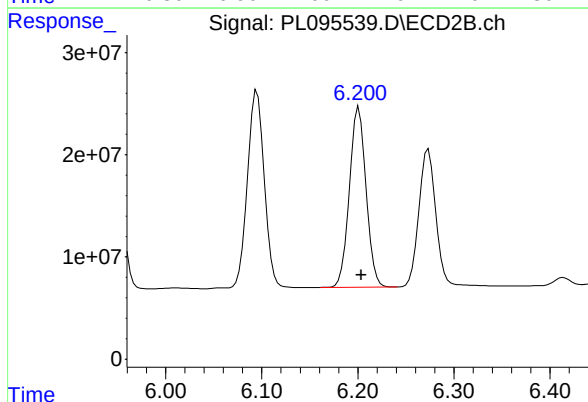
R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 222833456  
Conc: 68.21 ng/ml



#17 4,4'-DDT

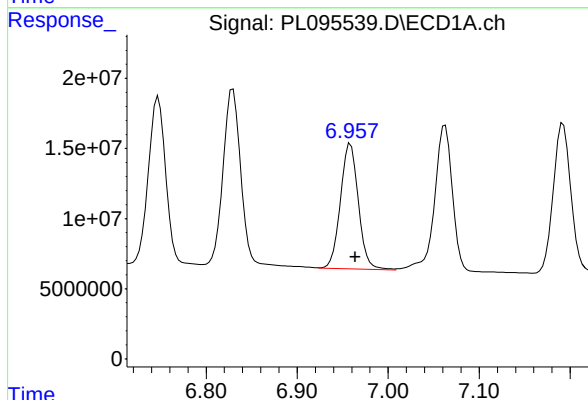
R.T.: 7.063 min  
Delta R.T.: -0.006 min  
Response: 140415990  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMS



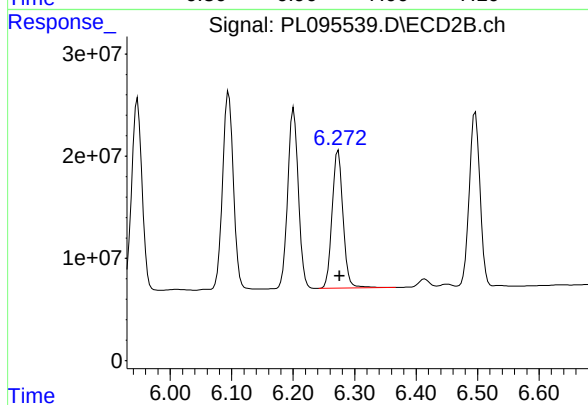
#17 4,4'-DDT

R.T.: 6.201 min  
Delta R.T.: -0.003 min  
Response: 211754017  
Conc: 61.62 ng/ml



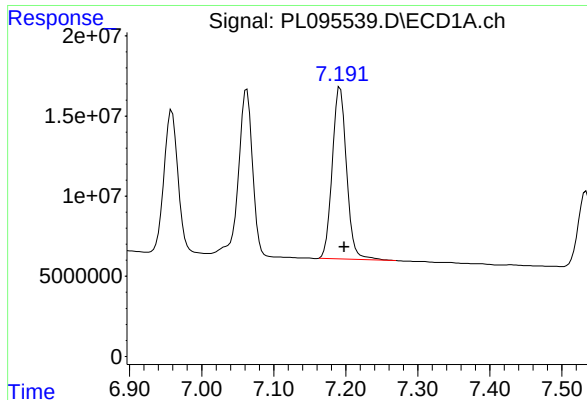
#18 Endrin aldehyde

R.T.: 6.959 min  
Delta R.T.: -0.005 min  
Response: 122535960  
Conc: 52.80 ng/ml



#18 Endrin aldehyde

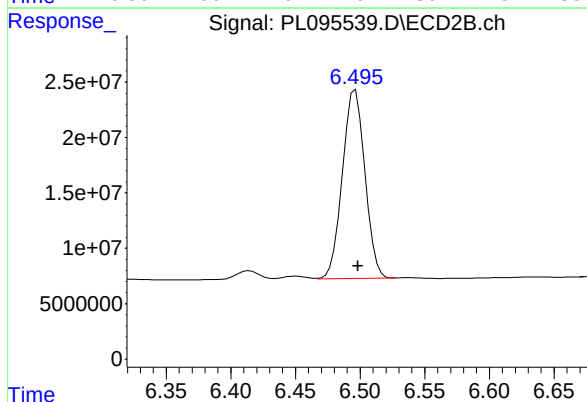
R.T.: 6.273 min  
Delta R.T.: -0.002 min  
Response: 166913384  
Conc: 63.87 ng/ml



## #19 Endosulfan Sulfate

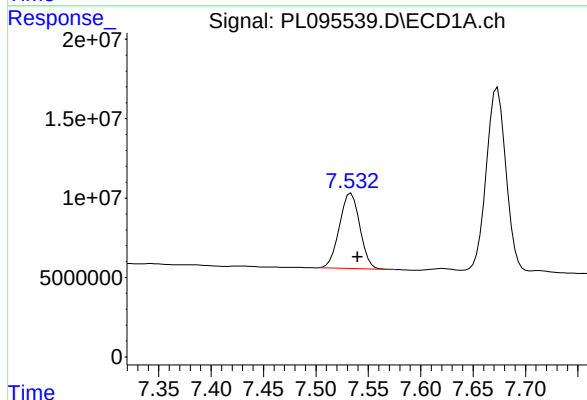
R.T.: 7.192 min  
Delta R.T.: -0.006 min  
Response: 147067558  
Conc: 52.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMS



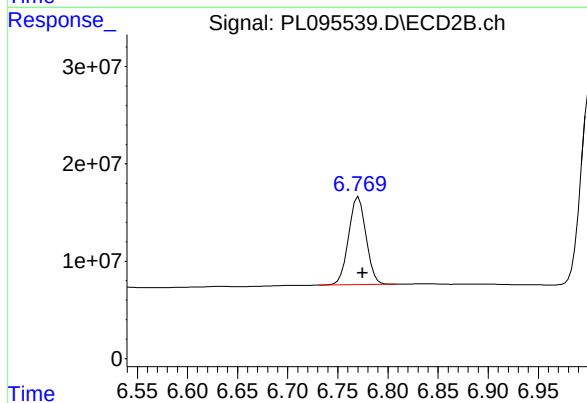
## #19 Endosulfan Sulfate

R.T.: 6.495 min  
Delta R.T.: -0.003 min  
Response: 205854539  
Conc: 62.04 ng/ml m



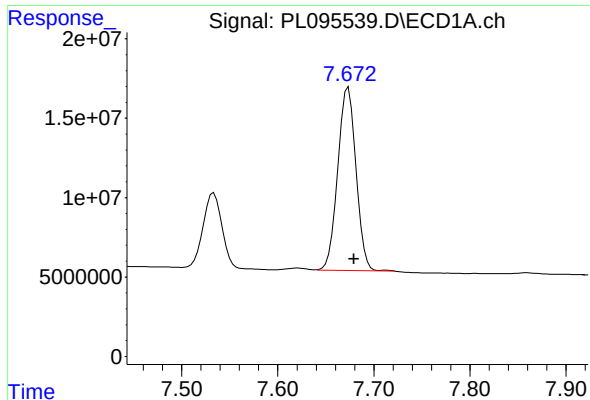
## #20 Methoxychlor

R.T.: 7.533 min  
Delta R.T.: -0.006 min  
Response: 64119642  
Conc: 45.96 ng/ml



## #20 Methoxychlor

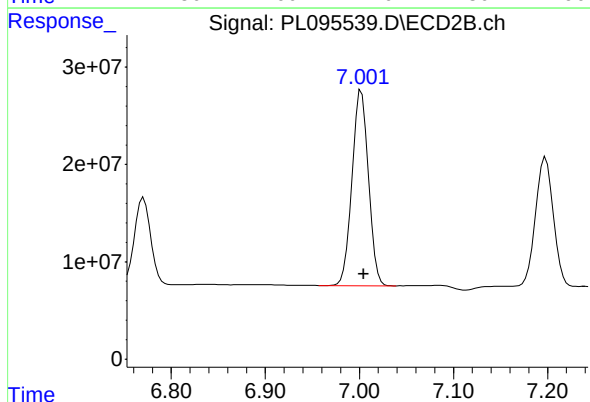
R.T.: 6.769 min  
Delta R.T.: -0.005 min  
Response: 109435333  
Conc: 57.37 ng/ml m



#21 Endrin ketone

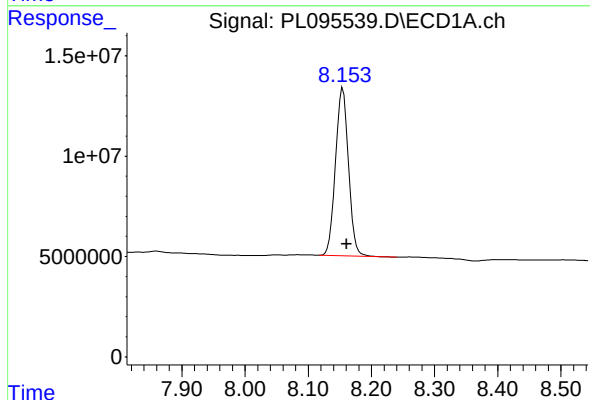
R.T.: 7.673 min  
Delta R.T.: -0.006 min  
Response: 150113873  
Conc: 52.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMS



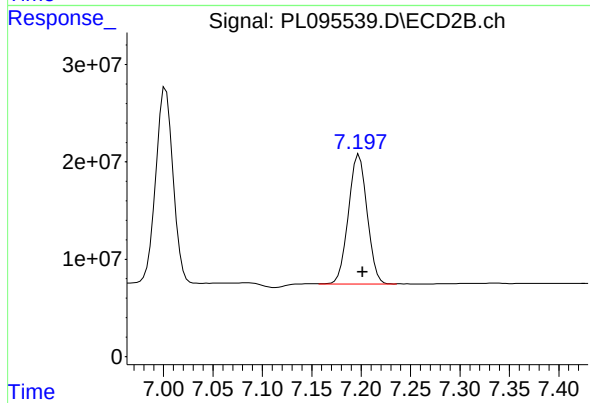
#21 Endrin ketone

R.T.: 7.002 min  
Delta R.T.: -0.002 min  
Response: 243699045  
Conc: 69.21 ng/ml



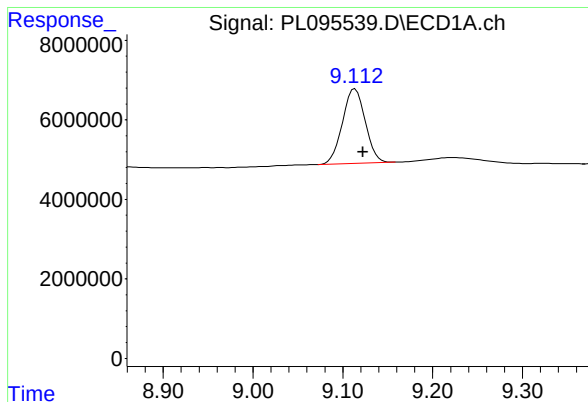
#22 Mirex

R.T.: 8.155 min  
Delta R.T.: -0.006 min  
Response: 119503663  
Conc: 50.30 ng/ml



#22 Mirex

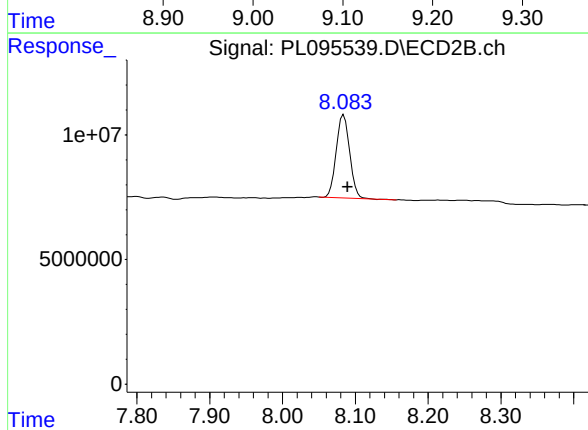
R.T.: 7.197 min  
Delta R.T.: -0.005 min  
Response: 175294797  
Conc: 60.82 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.114 min  
Delta R.T.: -0.009 min  
Response: 33057669  
Conc: 11.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMS



#28 Decachlorobiphenyl

R.T.: 8.084 min  
Delta R.T.: -0.005 min  
Response: 42851827  
Conc: 14.48 ng/ml

## Report of Analysis

|                    |                                       |                    |                     |
|--------------------|---------------------------------------|--------------------|---------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25            |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25            |
| Client Sample ID:  | SMALL-PILE-AMSD                       | SDG No.:           | Q1937               |
| Lab Sample ID:     | Q1936-01MSD                           | Matrix:            | SOIL                |
| Analytical Method: | SW8081                                | % Solid:           | 90.8      Decanted: |
| Sample Wt/Vol:     | 30.05      Units:    g                | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL       |
| Extraction Type:   |                                       | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :                         |                    |                     |
| Prep Method :      | SW3541B                               |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095540.D        | 1         | 05/05/25 08:35 | 05/05/25 15:19 | PB167854      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 24.2  | P         | 0.14                | 1.90       | ug/kg             |
| 319-85-7          | beta-BHC             | 21.1  |           | 0.20                | 1.90       | ug/kg             |
| 319-86-8          | delta-BHC            | 23.3  | P         | 0.43                | 1.90       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 22.9  | P         | 0.15                | 1.90       | ug/kg             |
| 76-44-8           | Heptachlor           | 21.9  | P         | 0.13                | 1.90       | ug/kg             |
| 309-00-2          | Aldrin               | 23.3  |           | 0.13                | 1.90       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 22.4  |           | 0.21                | 1.90       | ug/kg             |
| 959-98-8          | Endosulfan I         | 22.6  |           | 0.15                | 1.90       | ug/kg             |
| 60-57-1           | Dieldrin             | 22.2  |           | 0.15                | 1.90       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 20.2  |           | 0.15                | 1.90       | ug/kg             |
| 72-20-8           | Endrin               | 19.7  |           | 0.15                | 1.90       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 22.2  |           | 0.32                | 1.90       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 23.1  |           | 0.16                | 1.90       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 21.8  |           | 0.14                | 1.90       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 19.5  |           | 0.15                | 1.90       | ug/kg             |
| 72-43-5           | Methoxychlor         | 19.9  |           | 0.41                | 1.90       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 24.1  |           | 0.21                | 1.90       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 22.0  |           | 0.41                | 1.90       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 22.2  |           | 0.13                | 1.90       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 22.6  |           | 0.16                | 1.90       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.90  | U         | 5.90                | 36.3       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 13.6  |           | 30 (20) - 150 (144) | 68%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 15.3  |           | 30 (19) - 150 (148) | 77%        | SPK: 20           |

## Report of Analysis

|                    |                                       |          |                    |               |           |
|--------------------|---------------------------------------|----------|--------------------|---------------|-----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |          | Date Collected:    | 05/01/25      |           |
| Project:           | Stan Hope                             |          | Date Received:     | 05/01/25      |           |
| Client Sample ID:  | SMALL-PILE-AMSD                       |          | SDG No.:           | Q1937         |           |
| Lab Sample ID:     | Q1936-01MSD                           |          | Matrix:            | SOIL          |           |
| Analytical Method: | SW8081                                |          | % Solid:           | 90.8          | Decanted: |
| Sample Wt/Vol:     | 30.05                                 | Units: g | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                       |          | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                   | PH :     |                    |               |           |
| Prep Method :      | SW3541B                               |          |                    |               |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095540.D        | 1         | 05/05/25 08:35 | 05/05/25 15:19 | PB167854      |

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

### Comments:

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

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095540.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 15:19  
 Operator : AR\AJ  
 Sample : Q1936-01MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SMALL-PILE-AMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:40:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|----------|
| -----                       |                 |       |       |          |          |         |          |
| System Monitoring Compounds |                 |       |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.592 | 2.909 | 38695605 | 48750681 | 11.853  | 15.332 # |
| 28)                         | SA Decachlor... | 9.113 | 8.084 | 34079997 | 40290352 | 12.300  | 13.615   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.043 | 3.418 | 235.3E6  | 293.7E6  | 47.500  | 66.011 # |
| 3)                          | MA gamma-BHC... | 4.374 | 3.751 | 225.8E6  | 275.2E6  | 47.698  | 62.570 # |
| 4)                          | MA Heptachlor   | 4.970 | 4.105 | 211.4E6  | 260.1E6  | 46.205m | 59.695 # |
| 5)                          | MB Aldrin       | 5.312 | 4.390 | 232.6E6  | 262.0E6  | 50.631m | 63.657 # |
| 6)                          | B beta-BHC      | 4.560 | 4.045 | 95126498 | 119.5E6  | 46.010  | 57.587 # |
| 7)                          | B delta-BHC     | 4.807 | 4.281 | 222.2E6  | 278.0E6  | 47.785m | 63.441 # |
| 8)                          | B Heptachlo...  | 5.734 | 4.892 | 204.1E6  | 235.6E6  | 50.956  | 60.998   |
| 9)                          | A Endosulfan I  | 6.117 | 5.266 | 197.8E6  | 225.6E6  | 52.078  | 61.640   |
| 10)                         | B gamma-Chl...  | 5.988 | 5.145 | 210.2E6  | 249.4E6  | 51.533  | 61.527   |
| 11)                         | B alpha-Chl...  | 6.069 | 5.210 | 207.0E6  | 241.1E6  | 50.897  | 60.560   |
| 12)                         | B 4,4'-DDE      | 6.236 | 5.396 | 194.1E6  | 224.6E6  | 49.520m | 55.236   |
| 13)                         | MA Dieldrin     | 6.390 | 5.531 | 194.6E6  | 246.6E6  | 50.485  | 60.643   |
| 14)                         | MA Endrin       | 6.616 | 5.806 | 157.5E6  | 195.3E6  | 49.442m | 53.642   |
| 15)                         | B Endosulfa...  | 6.828 | 6.095 | 164.8E6  | 217.7E6  | 51.615m | 60.631   |
| 16)                         | A 4,4'-DDD      | 6.747 | 5.947 | 157.6E6  | 205.6E6  | 55.675  | 62.933   |
| 17)                         | MA 4,4'-DDT     | 7.062 | 6.200 | 136.9E6  | 182.4E6  | 48.055  | 53.070m  |
| 18)                         | B Endrin al...  | 6.958 | 6.273 | 121.8E6  | 156.7E6  | 52.499  | 59.962   |
| 19)                         | B Endosulfa...  | 7.192 | 6.495 | 145.8E6  | 197.7E6  | 52.022  | 59.595m  |
| 20)                         | A Methoxychlor  | 7.533 | 6.770 | 64857304 | 103.4E6  | 46.488  | 54.213m  |
| 21)                         | B Endrin ke...  | 7.673 | 7.002 | 148.3E6  | 231.3E6  | 52.007  | 65.686 # |
| 22)                         | Mirex           | 8.155 | 7.196 | 118.7E6  | 164.6E6  | 49.946  | 57.098m  |
| -----                       |                 |       |       |          |          |         |          |

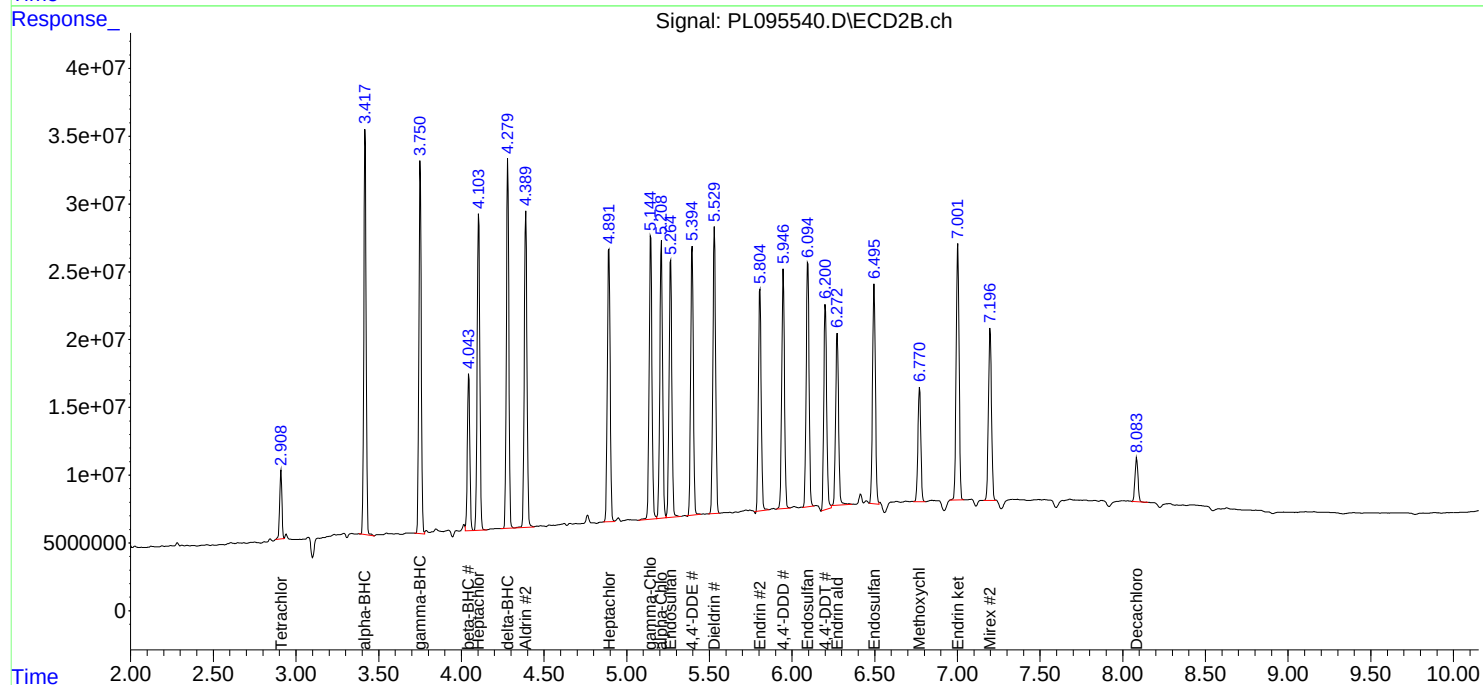
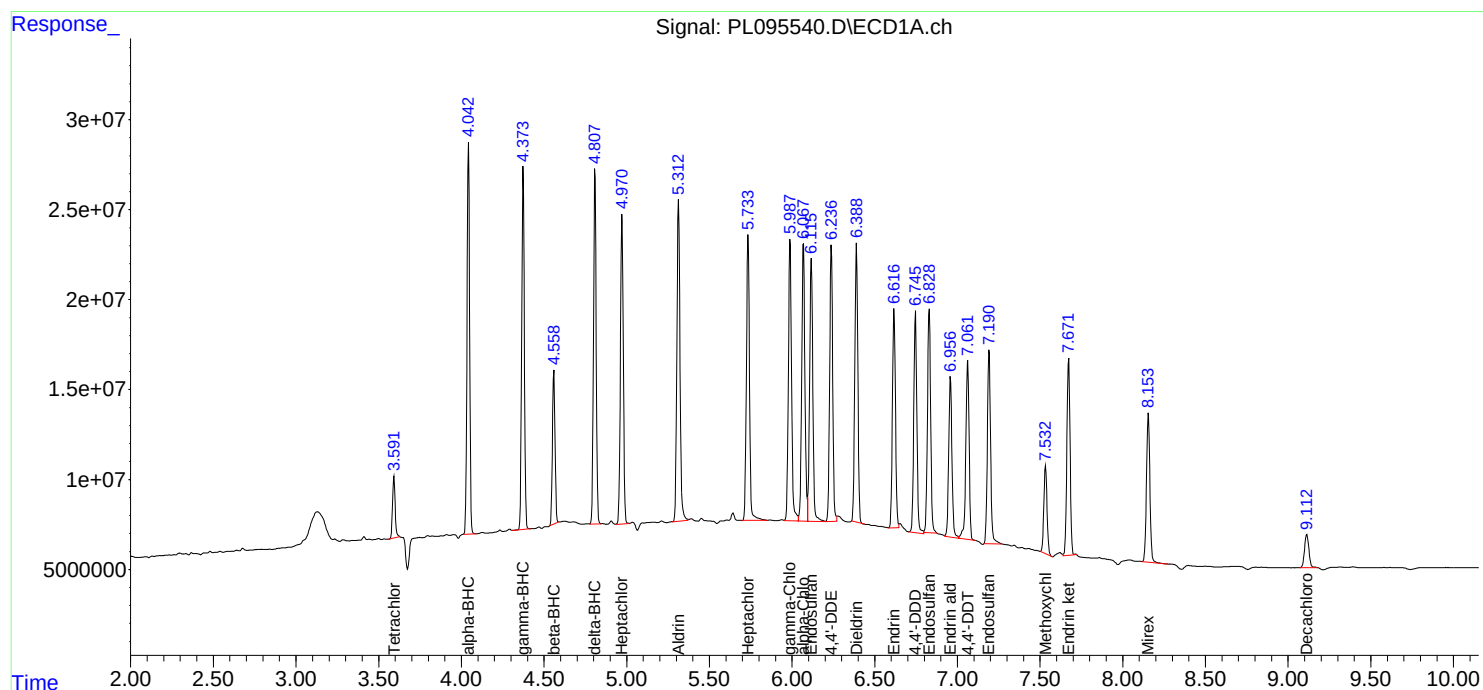
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

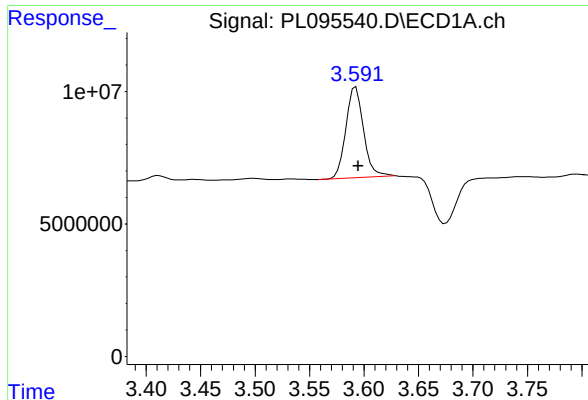
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095540.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 15:19  
Operator : AR\AJ  
Sample : Q1936-01MSD  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:40:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

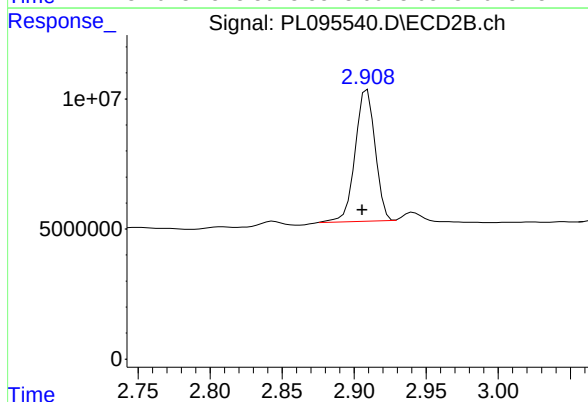




## #1 Tetrachloro-m-xylene

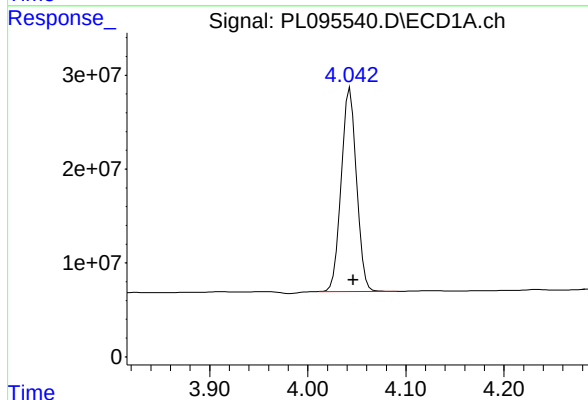
R.T.: 3.592 min  
Delta R.T.: -0.003 min  
Response: 38695605  
Conc: 11.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMSD



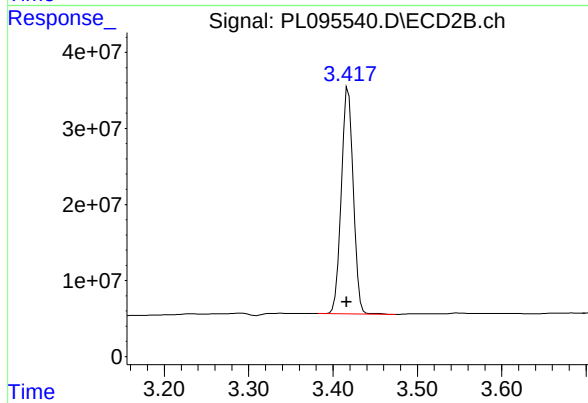
## #1 Tetrachloro-m-xylene

R.T.: 2.909 min  
Delta R.T.: 0.003 min  
Response: 48750681  
Conc: 15.33 ng/ml



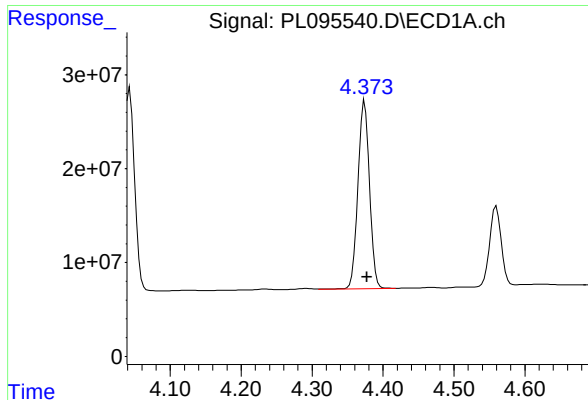
## #2 alpha-BHC

R.T.: 4.043 min  
Delta R.T.: -0.003 min  
Response: 235304579  
Conc: 47.50 ng/ml



## #2 alpha-BHC

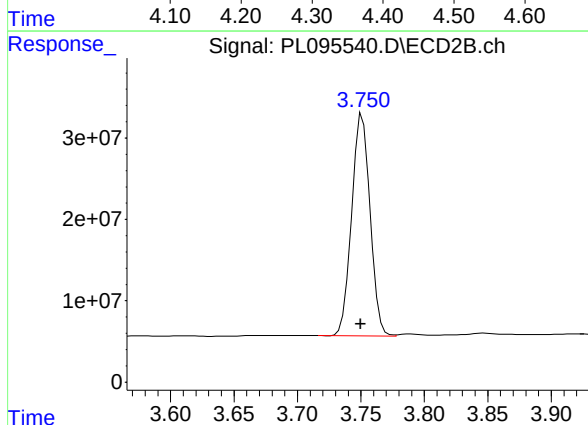
R.T.: 3.418 min  
Delta R.T.: 0.002 min  
Response: 293665685  
Conc: 66.01 ng/ml



## #3 gamma-BHC (Lindane)

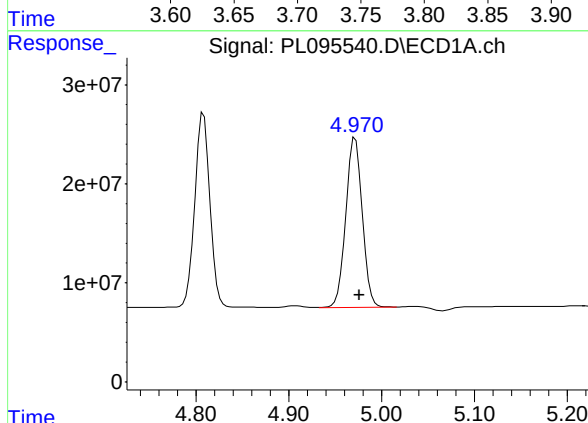
R.T.: 4.374 min  
Delta R.T.: -0.003 min  
Response: 225799413  
Conc: 47.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMSD



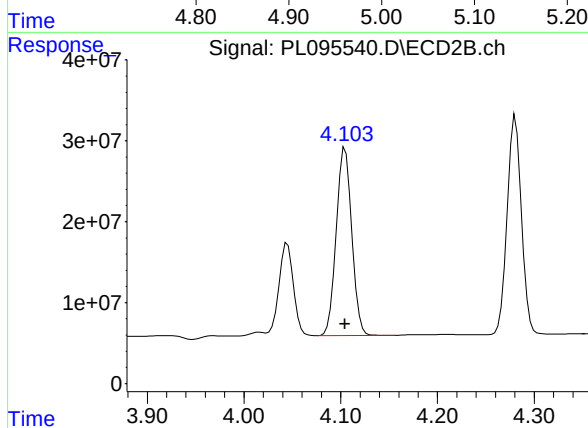
## #3 gamma-BHC (Lindane)

R.T.: 3.751 min  
Delta R.T.: 0.001 min  
Response: 275195636  
Conc: 62.57 ng/ml



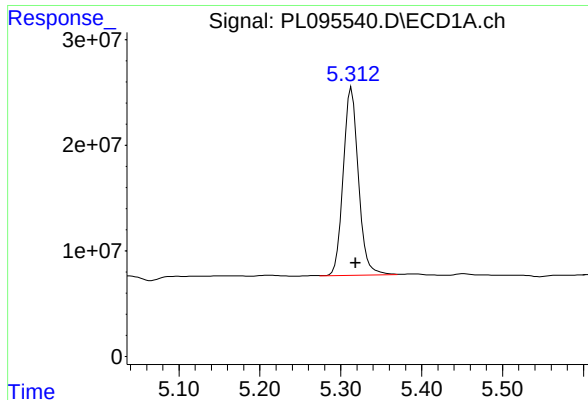
## #4 Heptachlor

R.T.: 4.970 min  
Delta R.T.: -0.006 min  
Response: 211362681  
Conc: 46.20 ng/ml m



## #4 Heptachlor

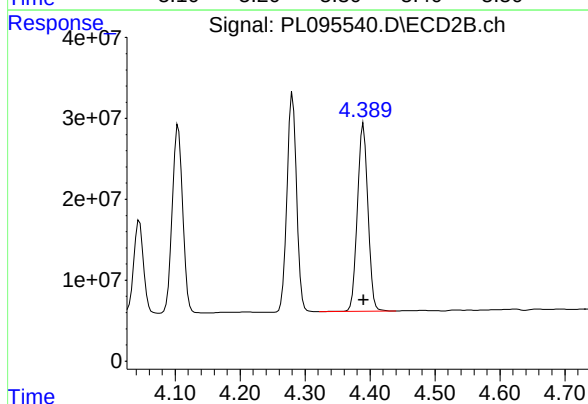
R.T.: 4.105 min  
Delta R.T.: 0.000 min  
Response: 260074107  
Conc: 59.70 ng/ml



#5 Aldrin

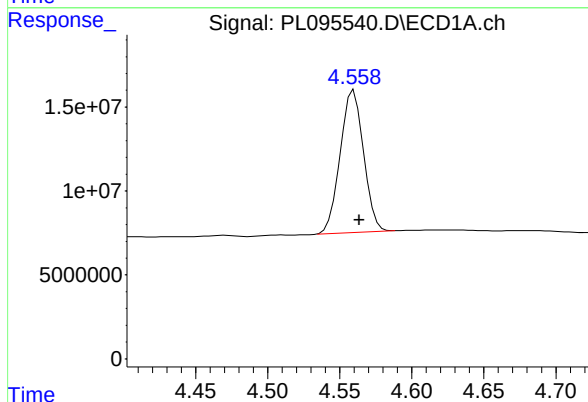
R.T.: 5.312 min  
Delta R.T.: -0.006 min  
Response: 232551511  
Conc: 50.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMSD



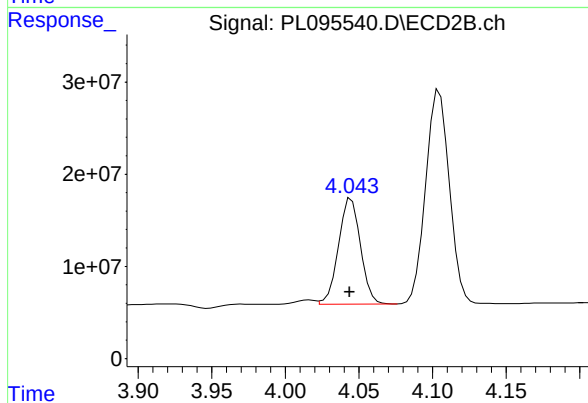
#5 Aldrin

R.T.: 4.390 min  
Delta R.T.: 0.000 min  
Response: 261992032  
Conc: 63.66 ng/ml



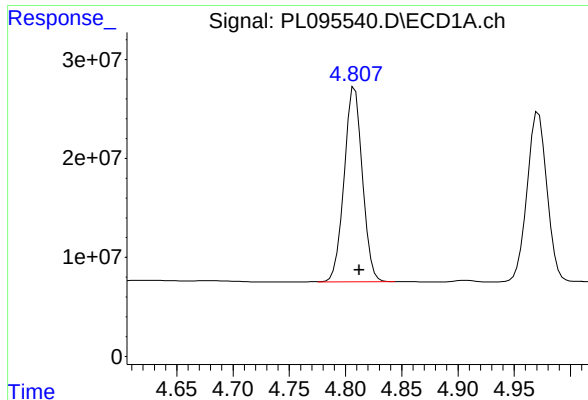
#6 beta-BHC

R.T.: 4.560 min  
Delta R.T.: -0.004 min  
Response: 95126498  
Conc: 46.01 ng/ml



#6 beta-BHC

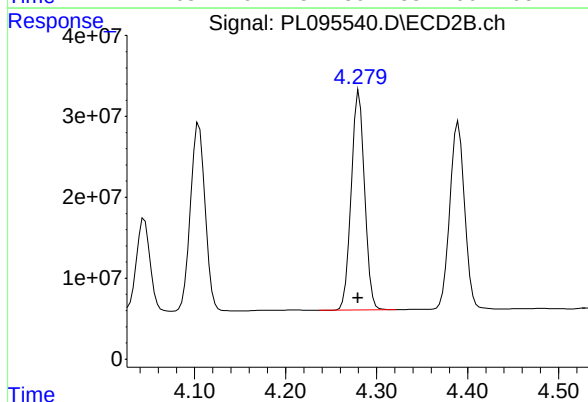
R.T.: 4.045 min  
Delta R.T.: 0.001 min  
Response: 119543729  
Conc: 57.59 ng/ml



#7 delta-BHC

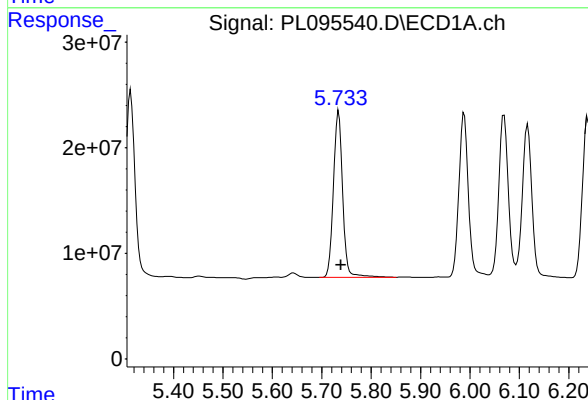
R.T.: 4.807 min  
Delta R.T.: -0.006 min  
Response: 222233115  
Conc: 47.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMSD



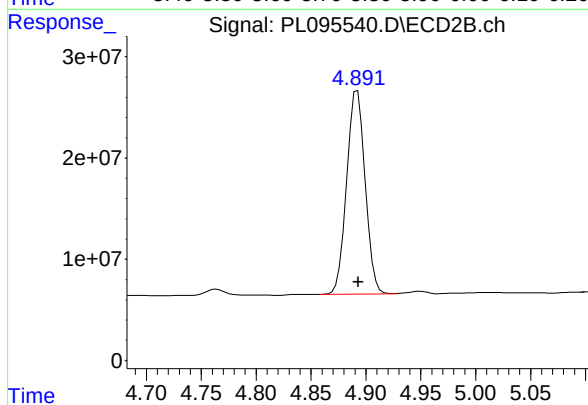
#7 delta-BHC

R.T.: 4.281 min  
Delta R.T.: 0.001 min  
Response: 277994896  
Conc: 63.44 ng/ml



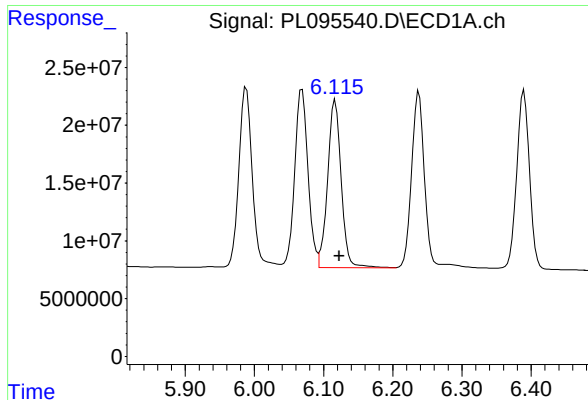
#8 Heptachlor epoxide

R.T.: 5.734 min  
Delta R.T.: -0.005 min  
Response: 204087744  
Conc: 50.96 ng/ml



#8 Heptachlor epoxide

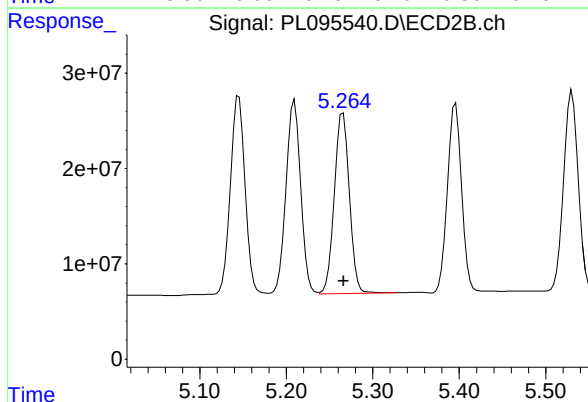
R.T.: 4.892 min  
Delta R.T.: -0.001 min  
Response: 235613138  
Conc: 61.00 ng/ml



## #9 Endosulfan I

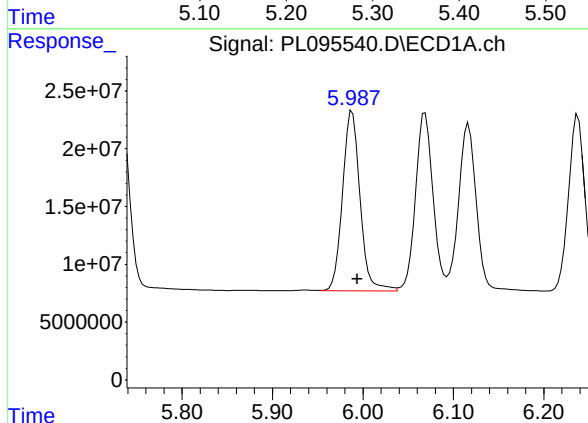
R.T.: 6.117 min  
Delta R.T.: -0.006 min  
Response: 197765979  
Conc: 52.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMSD



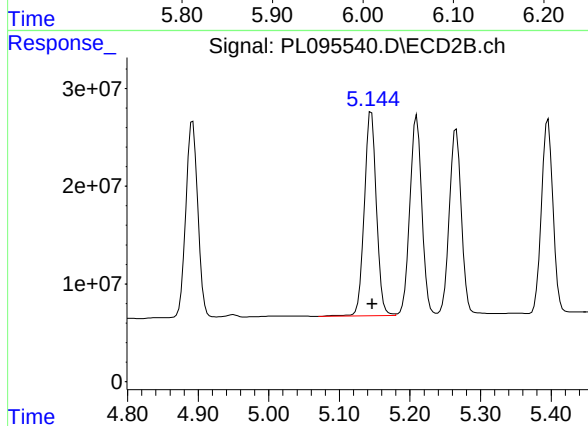
## #9 Endosulfan I

R.T.: 5.266 min  
Delta R.T.: -0.001 min  
Response: 225627579  
Conc: 61.64 ng/ml



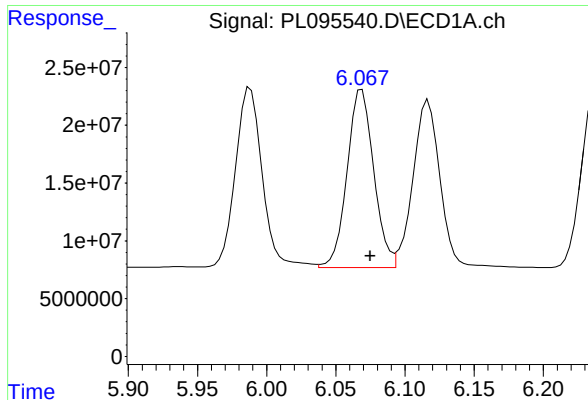
## #10 gamma-Chlordane

R.T.: 5.988 min  
Delta R.T.: -0.005 min  
Response: 210219705  
Conc: 51.53 ng/ml



## #10 gamma-Chlordane

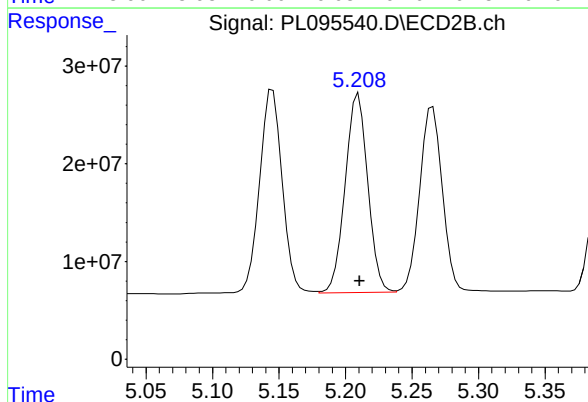
R.T.: 5.145 min  
Delta R.T.: -0.001 min  
Response: 249350274  
Conc: 61.53 ng/ml



#11 alpha-Chlordane

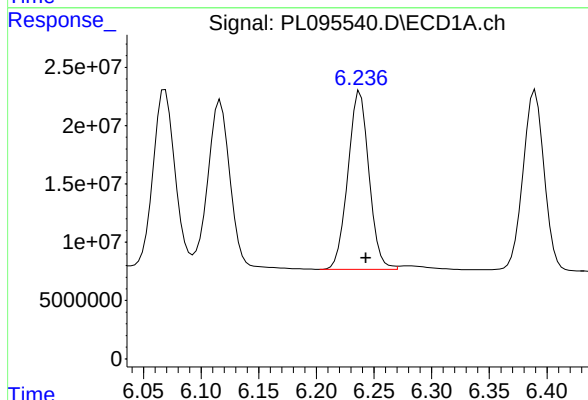
R.T.: 6.069 min  
Delta R.T.: -0.006 min  
Response: 206952580  
Conc: 50.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMSD



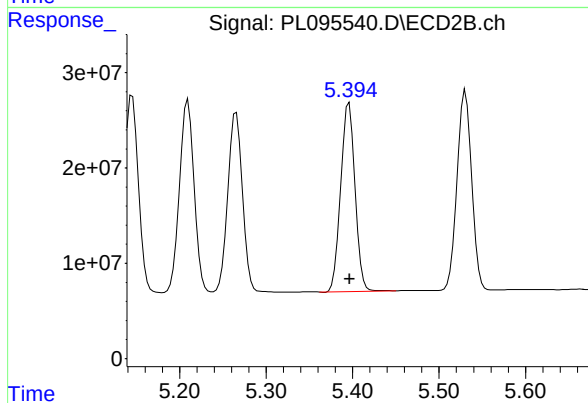
#11 alpha-Chlordane

R.T.: 5.210 min  
Delta R.T.: 0.000 min  
Response: 241094702  
Conc: 60.56 ng/ml



#12 4,4'-DDE

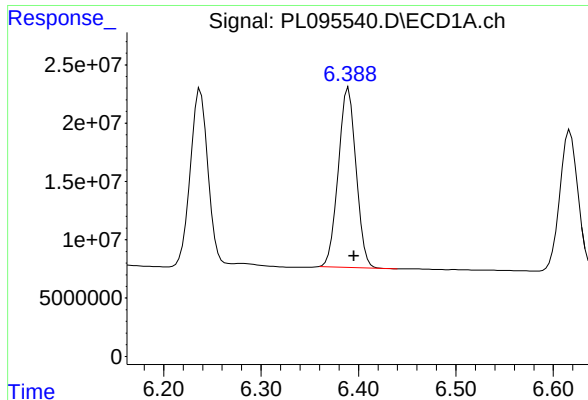
R.T.: 6.236 min  
Delta R.T.: -0.007 min  
Response: 194144536  
Conc: 49.52 ng/ml m



#12 4,4'-DDE

R.T.: 5.396 min  
Delta R.T.: -0.001 min  
Response: 224644959  
Conc: 55.24 ng/ml

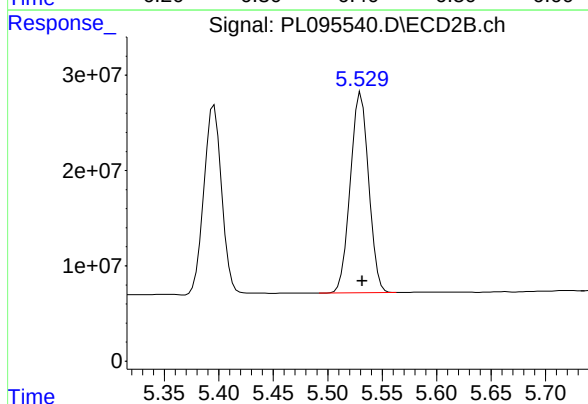




#13 Dieldrin

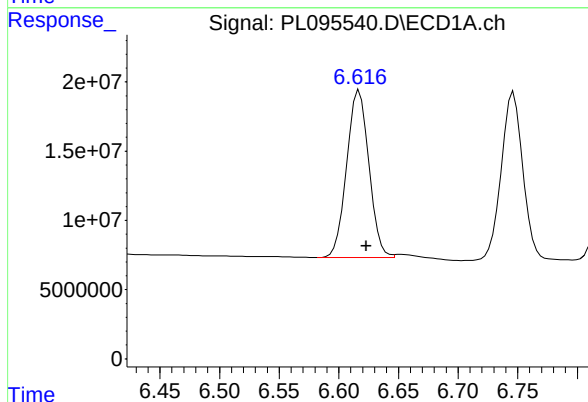
R.T.: 6.390 min  
Delta R.T.: -0.006 min  
Response: 194610744  
Conc: 50.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMSD



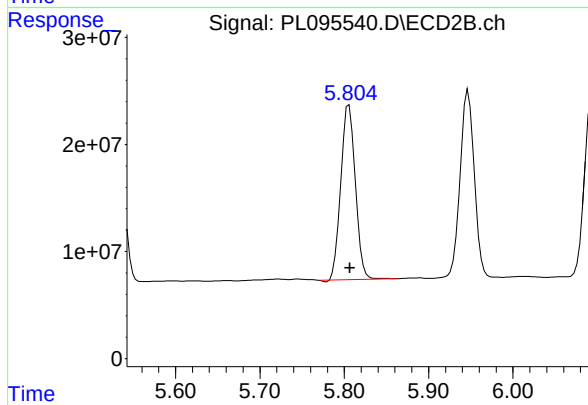
#13 Dieldrin

R.T.: 5.531 min  
Delta R.T.: -0.001 min  
Response: 246638416  
Conc: 60.64 ng/ml



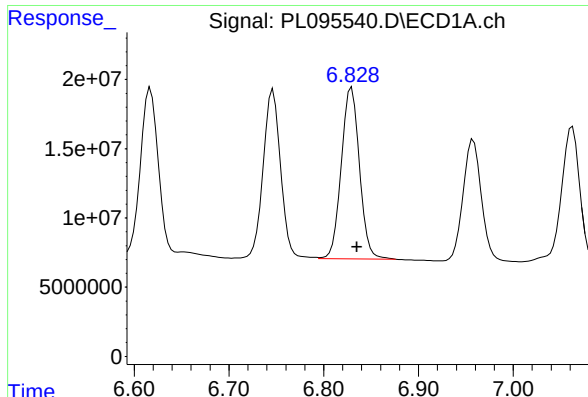
#14 Endrin

R.T.: 6.616 min  
Delta R.T.: -0.007 min  
Response: 157459585  
Conc: 49.44 ng/ml m



#14 Endrin

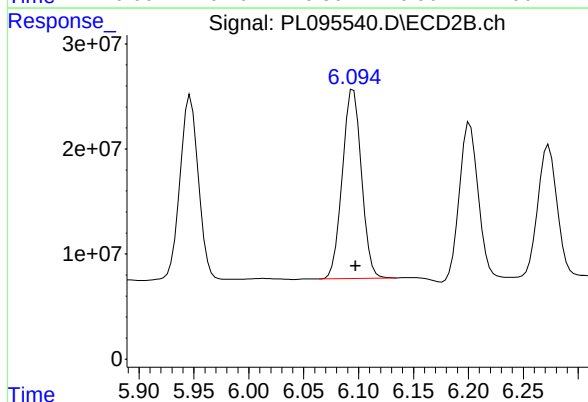
R.T.: 5.806 min  
Delta R.T.: -0.001 min  
Response: 195294103  
Conc: 53.64 ng/ml



## #15 Endosulfan II

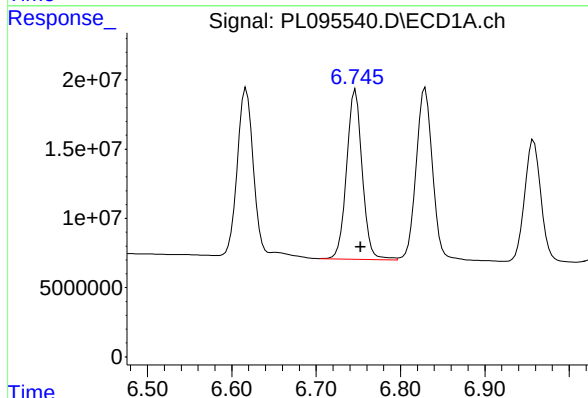
R.T.: 6.828 min  
Delta R.T.: -0.007 min  
Response: 164763326  
Conc: 51.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMSD



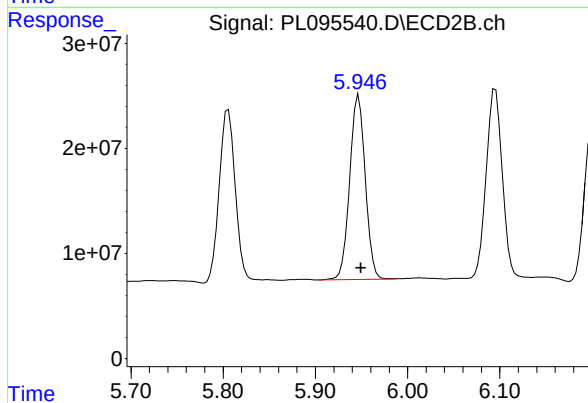
## #15 Endosulfan II

R.T.: 6.095 min  
Delta R.T.: -0.002 min  
Response: 217732993  
Conc: 60.63 ng/ml



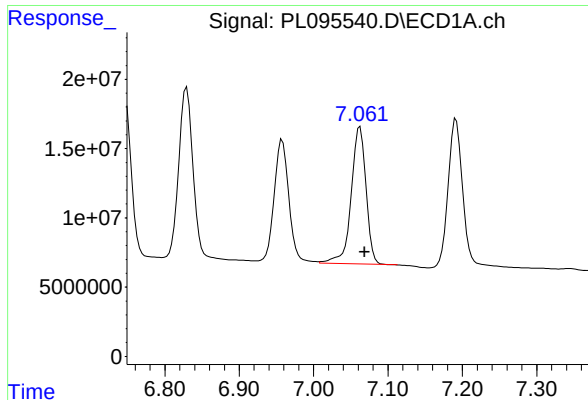
## #16 4,4'-DDD

R.T.: 6.747 min  
Delta R.T.: -0.006 min  
Response: 157612784  
Conc: 55.67 ng/ml



## #16 4,4'-DDD

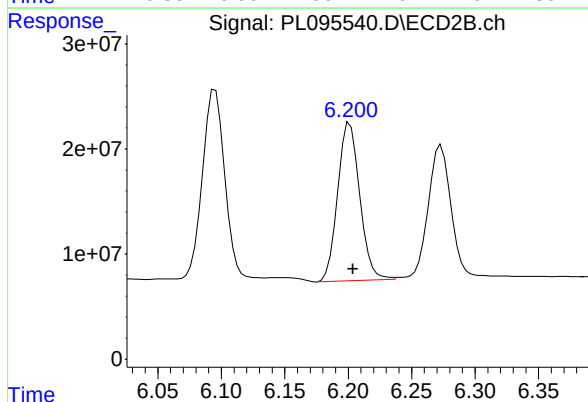
R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 205588519  
Conc: 62.93 ng/ml



#17 4,4'-DDT

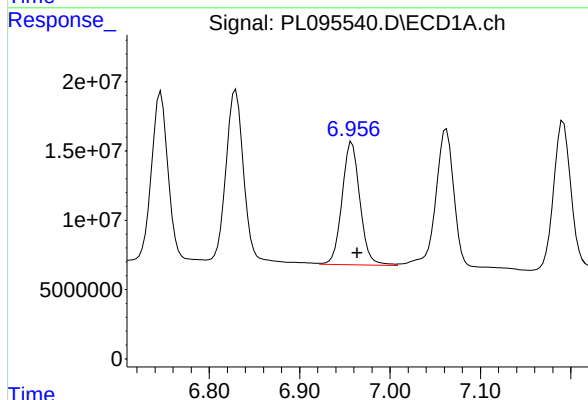
R.T.: 7.062 min  
Delta R.T.: -0.006 min  
Response: 136889753  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMSD



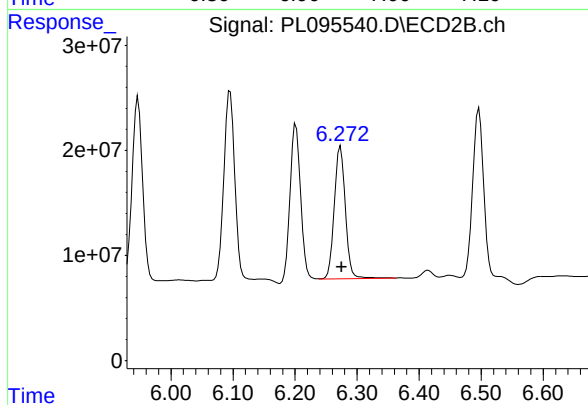
#17 4,4'-DDT

R.T.: 6.200 min  
Delta R.T.: -0.004 min  
Response: 182357599  
Conc: 53.07 ng/ml



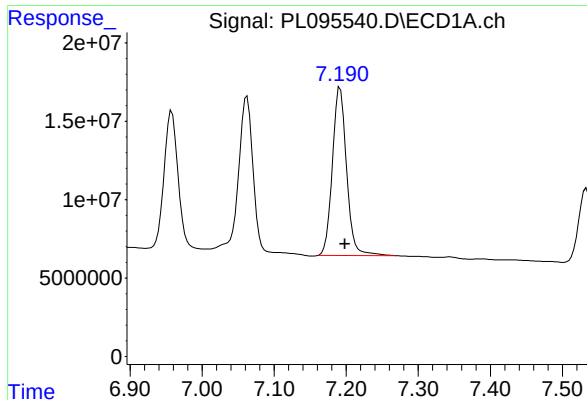
#18 Endrin aldehyde

R.T.: 6.958 min  
Delta R.T.: -0.006 min  
Response: 121838563  
Conc: 52.50 ng/ml



#18 Endrin aldehyde

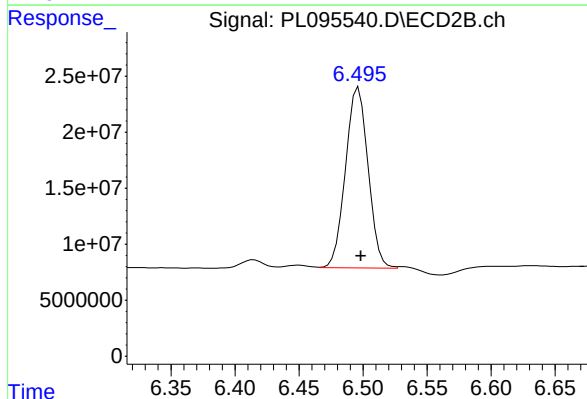
R.T.: 6.273 min  
Delta R.T.: -0.002 min  
Response: 156690576  
Conc: 59.96 ng/ml



## #19 Endosulfan Sulfate

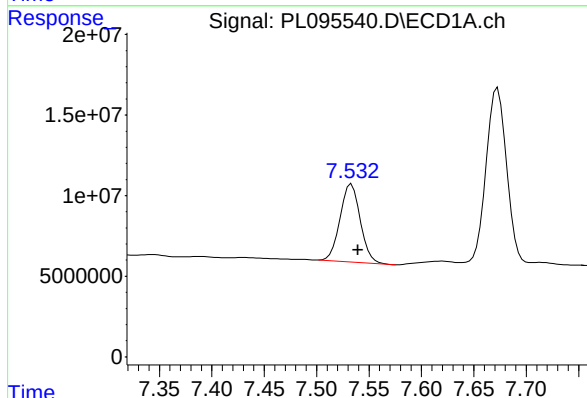
R.T.: 7.192 min  
Delta R.T.: -0.007 min  
Response: 145754397  
Conc: 52.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMSD



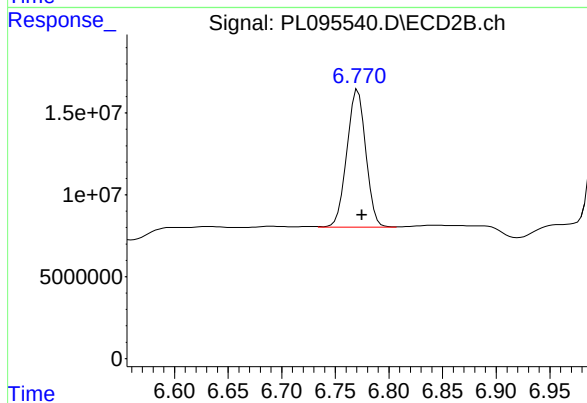
## #19 Endosulfan Sulfate

R.T.: 6.495 min  
Delta R.T.: -0.003 min  
Response: 197733664  
Conc: 59.60 ng/ml m



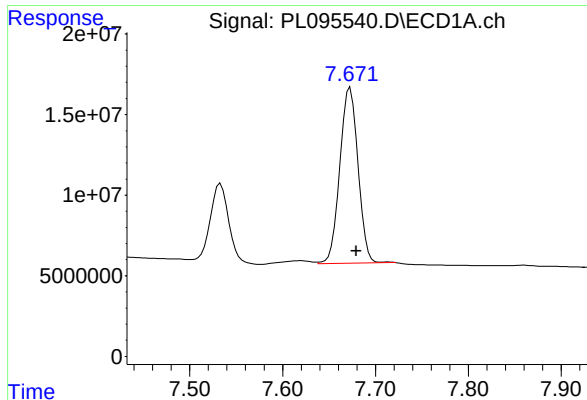
## #20 Methoxychlor

R.T.: 7.533 min  
Delta R.T.: -0.006 min  
Response: 64857304  
Conc: 46.49 ng/ml



## #20 Methoxychlor

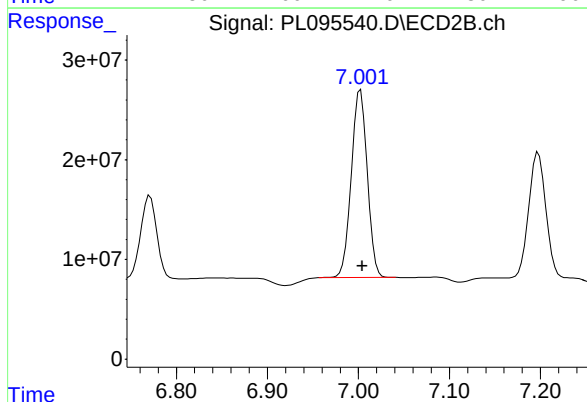
R.T.: 6.770 min  
Delta R.T.: -0.005 min  
Response: 103407709  
Conc: 54.21 ng/ml m



#21 Endrin ketone

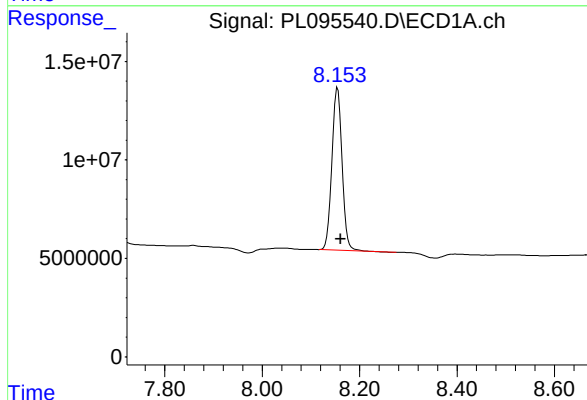
R.T.: 7.673 min  
Delta R.T.: -0.006 min  
Response: 148266179  
Conc: 52.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMSD



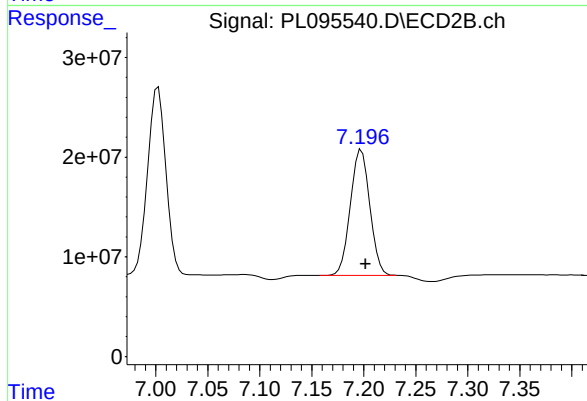
#21 Endrin ketone

R.T.: 7.002 min  
Delta R.T.: -0.002 min  
Response: 231300944  
Conc: 65.69 ng/ml



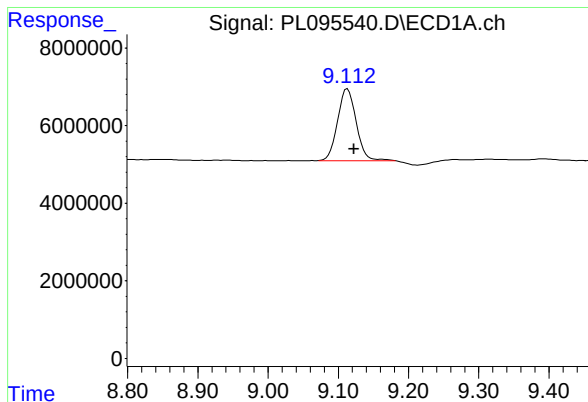
#22 Mirex

R.T.: 8.155 min  
Delta R.T.: -0.006 min  
Response: 118674730  
Conc: 49.95 ng/ml



#22 Mirex

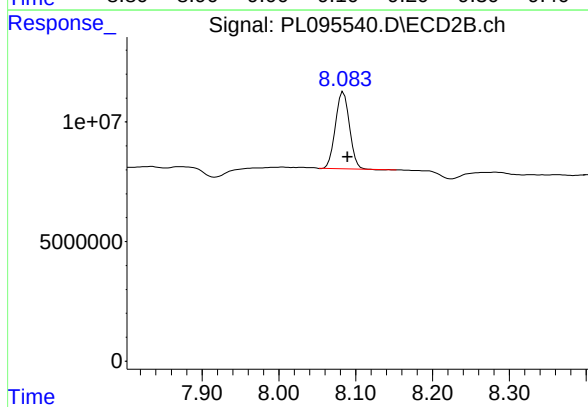
R.T.: 7.196 min  
Delta R.T.: -0.005 min  
Response: 164578711  
Conc: 57.10 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.113 min  
Delta R.T.: -0.009 min  
Response: 34079997  
Conc: 12.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SMALL-PILE-AMSD



#28 Decachlorobiphenyl

R.T.: 8.084 min  
Delta R.T.: -0.006 min  
Response: 40290352  
Conc: 13.61 ng/ml

## Manual Integration Report

Sequence:

pl042325

Instrument

ECD\_I

| Sample ID  | File ID    | Parameter           | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|------------|------------|---------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PEM        | PL095327.D | 4,4"-DDD            | Abdul     | 4/24/2025 8:46:58 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PEM        | PL095327.D | 4,4"-DDD #2         | Abdul     | 4/24/2025 8:46:58 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PEM        | PL095327.D | Endrin aldehyde     | Abdul     | 4/24/2025 8:46:58 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PEM        | PL095327.D | Endrin aldehyde #2  | Abdul     | 4/24/2025 8:46:58 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PEM        | PL095327.D | Endrin ketone       | Abdul     | 4/24/2025 8:46:58 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PEM        | PL095327.D | Endrin ketone #2    | Abdul     | 4/24/2025 8:46:58 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PEM        | PL095327.D | gamma-BHC (Lindane) | Abdul     | 4/24/2025 8:46:58 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| RESCHK     | PL095328.D | gamma-Chlordane #2  | Abdul     | 4/24/2025 8:47:03 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PSTDICC025 | PL095332.D | Mirex #2            | Abdul     | 4/24/2025 8:47:07 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PSTDICC005 | PL095333.D | Mirex #2            | Abdul     | 4/24/2025 8:47:11 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PSTDICV050 | PL095344.D | delta-BHC           | Abdul     | 4/24/2025 8:47:23 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PSTDICV050 | PL095344.D | gamma-BHC (Lindane) | Abdul     | 4/24/2025 8:47:23 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PSTDICV050 | PL095344.D | Mirex #2            | Abdul     | 4/24/2025 8:47:23 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pl042325

Instrument

ECD\_I

| Sample ID  | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|------------|------------|-----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PEM        | PL095348.D | Endrin aldehyde       | Abdul     | 4/24/2025 8:47:27 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PEM        | PL095348.D | Endrin aldehyde #2    | Abdul     | 4/24/2025 8:47:27 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PEM        | PL095348.D | Endrin ketone         | Abdul     | 4/24/2025 8:47:27 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PEM        | PL095348.D | Endrin ketone #2      | Abdul     | 4/24/2025 8:47:27 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PEM        | PL095348.D | gamma-BHC (Lindane)   | Abdul     | 4/24/2025 8:47:27 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PSTDCCC050 | PL095349.D | delta-BHC             | Abdul     | 4/24/2025 8:47:32 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PSTDCCC050 | PL095349.D | Endrin ketone #2      | Abdul     | 4/24/2025 8:47:32 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PSTDCCC050 | PL095349.D | gamma-BHC (Lindane)   | Abdul     | 4/24/2025 8:47:32 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PSTDCCC050 | PL095349.D | gamma-Chlordane #2    | Abdul     | 4/24/2025 8:47:32 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PSTDCCC050 | PL095349.D | Mirex #2              | Abdul     | 4/24/2025 8:47:32 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| I.BLK      | PL095358.D | Decachlorobiphenyl #2 | Abdul     | 4/24/2025 8:48:33 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PSTDCCC050 | PL095359.D | delta-BHC             | Abdul     | 4/24/2025 8:48:39 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PSTDCCC050 | PL095359.D | gamma-BHC (Lindane)   | Abdul     | 4/24/2025 8:48:39 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |





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

## Manual Integration Report

Sequence:

pl042325

Instrument

ECD\_I

| Sample ID  | File ID    | Parameter       | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|------------|------------|-----------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PSTDCCC050 | PL095359.D | Methoxychlor #2 | Abdul     | 4/24/2025 8:48:39 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |
| PSTDCCC050 | PL095359.D | Mirex #2        | Abdul     | 4/24/2025 8:48:39 AM | mohammad      | 4/26/2025 2:18:30 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pl050625

Instrument

ECD\_I

| Sample ID  | File ID    | Parameter            | Review By | Review On           | Supervised By | Supervised On | Reason                      |
|------------|------------|----------------------|-----------|---------------------|---------------|---------------|-----------------------------|
| PEM        | PL095529.D | 4,4"-DDD             | Abdul     | 5/6/2025 2:52:40 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PL095529.D | 4,4"-DDE             | Abdul     | 5/6/2025 2:52:40 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PL095529.D | 4,4"-DDE #2          | Abdul     | 5/6/2025 2:52:40 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PL095529.D | Endrin               | Abdul     | 5/6/2025 2:52:40 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PL095529.D | Endrin aldehyde      | Abdul     | 5/6/2025 2:52:40 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PL095529.D | Endrin aldehyde #2   | Abdul     | 5/6/2025 2:52:40 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PL095529.D | gamma-BHC (Lindane)  | Abdul     | 5/6/2025 2:52:40 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PL095529.D | Tetrachloro-m-xylene | Abdul     | 5/6/2025 2:52:40 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095530.D | 4,4"-DDD             | Abdul     | 5/6/2025 2:52:43 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095530.D | 4,4"-DDE             | Abdul     | 5/6/2025 2:52:43 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095530.D | delta-BHC            | Abdul     | 5/6/2025 2:52:43 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095530.D | Endosulfan II        | Abdul     | 5/6/2025 2:52:43 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095530.D | Endrin               | Abdul     | 5/6/2025 2:52:43 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pl050625 | Instrument | ECD_I |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter             | Review By | Review On           | Supervised By | Supervised On | Reason                      |
|------------|------------|-----------------------|-----------|---------------------|---------------|---------------|-----------------------------|
| PSTDCCC050 | PL095530.D | gamma-BHC (Lindane)   | Abdul     | 5/6/2025 2:52:43 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PB167854BL | PL095531.D | Tetrachloro-m-xylene  | Abdul     | 5/6/2025 2:52:47 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PB167854BS | PL095532.D | 4,4"-DDE              | Abdul     | 5/6/2025 2:52:51 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PB167854BS | PL095532.D | 4,4"-DDT #2           | Abdul     | 5/6/2025 2:52:51 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PB167854BS | PL095532.D | delta-BHC             | Abdul     | 5/6/2025 2:52:51 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PB167854BS | PL095532.D | Dieldrin              | Abdul     | 5/6/2025 2:52:51 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PB167854BS | PL095532.D | Endosulfan I          | Abdul     | 5/6/2025 2:52:51 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PB167854BS | PL095532.D | gamma-Chlordane #2    | Abdul     | 5/6/2025 2:52:51 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PB167854BS | PL095532.D | Methoxychlor #2       | Abdul     | 5/6/2025 2:52:51 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PB167854BS | PL095532.D | Mirex #2              | Abdul     | 5/6/2025 2:52:51 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MS | PL095539.D | Aldrin                | Abdul     | 5/6/2025 2:52:58 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MS | PL095539.D | delta-BHC             | Abdul     | 5/6/2025 2:52:58 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MS | PL095539.D | Endosulfan Sulfate #2 | Abdul     | 5/6/2025 2:52:58 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pl050625 | Instrument | ECD_I |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter             | Review By | Review On           | Supervised By | Supervised On | Reason                      |
|-------------|------------|-----------------------|-----------|---------------------|---------------|---------------|-----------------------------|
| Q1936-01MS  | PL095539.D | gamma-BHC (Lindane)   | Abdul     | 5/6/2025 2:52:58 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MS  | PL095539.D | gamma-Chlordane       | Abdul     | 5/6/2025 2:52:58 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MS  | PL095539.D | gamma-Chlordane #2    | Abdul     | 5/6/2025 2:52:58 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MS  | PL095539.D | Methoxychlor #2       | Abdul     | 5/6/2025 2:52:58 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MS  | PL095539.D | Mirex #2              | Abdul     | 5/6/2025 2:52:58 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MSD | PL095540.D | 4,4"-DDE              | Abdul     | 5/6/2025 2:53:47 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MSD | PL095540.D | 4,4"-DDT #2           | Abdul     | 5/6/2025 2:53:47 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MSD | PL095540.D | Aldrin                | Abdul     | 5/6/2025 2:53:47 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MSD | PL095540.D | delta-BHC             | Abdul     | 5/6/2025 2:53:47 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MSD | PL095540.D | Endosulfan II         | Abdul     | 5/6/2025 2:53:47 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MSD | PL095540.D | Endosulfan Sulfate #2 | Abdul     | 5/6/2025 2:53:47 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MSD | PL095540.D | Endrin                | Abdul     | 5/6/2025 2:53:47 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MSD | PL095540.D | Heptachlor            | Abdul     | 5/6/2025 2:53:47 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pl050625

Instrument

ECD\_I

| Sample ID   | File ID    | Parameter             | Review By | Review On           | Supervised By | Supervised On | Reason                      |
|-------------|------------|-----------------------|-----------|---------------------|---------------|---------------|-----------------------------|
| Q1936-01MSD | PL095540.D | Methoxychlor #2       | Abdul     | 5/6/2025 2:53:47 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1936-01MSD | PL095540.D | Mirex #2              | Abdul     | 5/6/2025 2:53:47 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| I.BLK       | PL095545.D | Tetrachloro-m-xylene  | Abdul     | 5/6/2025 2:53:52 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM         | PL095546.D | Decachlorobiphenyl #2 | Abdul     | 5/6/2025 2:53:56 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM         | PL095546.D | Endrin aldehyde       | Abdul     | 5/6/2025 2:53:56 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM         | PL095546.D | Endrin aldehyde #2    | Abdul     | 5/6/2025 2:53:56 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM         | PL095546.D | Endrin ketone         | Abdul     | 5/6/2025 2:53:56 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM         | PL095546.D | Endrin ketone #2      | Abdul     | 5/6/2025 2:53:56 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM         | PL095546.D | gamma-BHC (Lindane)   | Abdul     | 5/6/2025 2:53:56 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM         | PL095546.D | Methoxychlor #2       | Abdul     | 5/6/2025 2:53:56 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM         | PL095546.D | Tetrachloro-m-xylene  | Abdul     | 5/6/2025 2:53:56 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050  | PL095547.D | 4,4"-DDD              | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050  | PL095547.D | 4,4"-DDE              | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pl050625 | Instrument | ECD_I |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter          | Review By | Review On           | Supervised By | Supervised On | Reason                      |
|------------|------------|--------------------|-----------|---------------------|---------------|---------------|-----------------------------|
| PSTDCCC050 | PL095547.D | 4,4"-DDE #2        | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095547.D | Aldrin #2          | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095547.D | delta-BHC          | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095547.D | Endosulfan I       | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095547.D | Endosulfan II      | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095547.D | Endrin             | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095547.D | Endrin #2          | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095547.D | Endrin aldehyde    | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095547.D | Endrin ketone #2   | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095547.D | gamma-Chlordane    | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095547.D | gamma-Chlordane #2 | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095547.D | Heptachlor epoxide | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095547.D | Mirex #2           | Abdul     | 5/6/2025 2:54:00 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pl050625

Instrument

ECD\_I

| Sample ID | File ID    | Parameter             | Review By | Review On           | Supervised By | Supervised On | Reason                      |
|-----------|------------|-----------------------|-----------|---------------------|---------------|---------------|-----------------------------|
| Q1937-07  | PL095550.D | 4,4"-DDE              | Abdul     | 5/6/2025 2:54:34 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-07  | PL095550.D | 4,4"-DDE #2           | Abdul     | 5/6/2025 2:54:34 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-07  | PL095550.D | Dieldrin              | Abdul     | 5/6/2025 2:54:34 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-07  | PL095550.D | Dieldrin #2           | Abdul     | 5/6/2025 2:54:34 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-07  | PL095550.D | Endosulfan Sulfate    | Abdul     | 5/6/2025 2:54:34 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-07  | PL095550.D | Endosulfan Sulfate #2 | Abdul     | 5/6/2025 2:54:34 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-09  | PL095551.D | 4,4"-DDE              | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-09  | PL095551.D | 4,4"-DDE #2           | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-09  | PL095551.D | alpha-Chlordane #2    | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-09  | PL095551.D | Decachlorobiphenyl    | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-09  | PL095551.D | Dieldrin              | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-09  | PL095551.D | Dieldrin #2           | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-09  | PL095551.D | Endosulfan Sulfate    | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pl050625 | Instrument | ECD_I |
|-----------|----------|------------|-------|

| Sample ID | File ID    | Parameter               | Review By | Review On           | Supervised By | Supervised On | Reason                      |
|-----------|------------|-------------------------|-----------|---------------------|---------------|---------------|-----------------------------|
| Q1937-09  | PL095551.D | Endosulfan Sulfate #2   | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-09  | PL095551.D | Endrin                  | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-09  | PL095551.D | Endrin #2               | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-09  | PL095551.D | gamma-Chlordane         | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-09  | PL095551.D | gamma-Chlordane #2      | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-09  | PL095551.D | Mirex                   | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-09  | PL095551.D | Mirex #2                | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-09  | PL095551.D | Tetrachloro-m-xylene #2 | Abdul     | 5/6/2025 2:54:38 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-11  | PL095552.D | 4,4"-DDE                | Abdul     | 5/6/2025 2:55:54 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-11  | PL095552.D | 4,4"-DDE #2             | Abdul     | 5/6/2025 2:55:54 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-11  | PL095552.D | Decachlorobiphenyl      | Abdul     | 5/6/2025 2:55:54 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-11  | PL095552.D | Decachlorobiphenyl #2   | Abdul     | 5/6/2025 2:55:54 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-11  | PL095552.D | Dieldrin                | Abdul     | 5/6/2025 2:55:54 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |



## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pl050625 | Instrument | ECD_I |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter             | Review By | Review On           | Supervised By | Supervised On | Reason                      |
|------------|------------|-----------------------|-----------|---------------------|---------------|---------------|-----------------------------|
| Q1937-11   | PL095552.D | Dieldrin #2           | Abdul     | 5/6/2025 2:55:54 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-11   | PL095552.D | Endosulfan Sulfate    | Abdul     | 5/6/2025 2:55:54 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-11   | PL095552.D | Endosulfan Sulfate #2 | Abdul     | 5/6/2025 2:55:54 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-11   | PL095552.D | Endrin                | Abdul     | 5/6/2025 2:55:54 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1937-11   | PL095552.D | Endrin #2             | Abdul     | 5/6/2025 2:55:54 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095558.D | 4,4"-DDD              | Abdul     | 5/6/2025 2:58:31 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095558.D | 4,4"-DDE              | Abdul     | 5/6/2025 2:58:31 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095558.D | Aldrin #2             | Abdul     | 5/6/2025 2:58:31 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095558.D | alpha-Chlordane       | Abdul     | 5/6/2025 2:58:31 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095558.D | delta-BHC             | Abdul     | 5/6/2025 2:58:31 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095558.D | Endosulfan I          | Abdul     | 5/6/2025 2:58:31 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095558.D | Endosulfan II         | Abdul     | 5/6/2025 2:58:31 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095558.D | Endrin                | Abdul     | 5/6/2025 2:58:31 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pl050625

Instrument

ECD\_I

| Sample ID  | File ID    | Parameter          | Review By | Review On           | Supervised By | Supervised On | Reason                      |
|------------|------------|--------------------|-----------|---------------------|---------------|---------------|-----------------------------|
| PSTDCCC050 | PL095558.D | Endrin aldehyde    | Abdul     | 5/6/2025 2:58:31 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095558.D | gamma-Chlordane    | Abdul     | 5/6/2025 2:58:31 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095558.D | gamma-Chlordane #2 | Abdul     | 5/6/2025 2:58:31 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095558.D | Heptachlor epoxide | Abdul     | 5/6/2025 2:58:31 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095558.D | Mirex              | Abdul     | 5/6/2025 2:58:31 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PL095558.D | Mirex #2           | Abdul     | 5/6/2025 2:58:31 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL042325**

|                          |                                                                                                                                                                                 |                   |                                    |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                                                           | Review On         | 4/24/2025 8:49:02 AM               |
| Supervise By             | mohammad                                                                                                                                                                        | Supervise On      | 4/26/2025 2:18:30 AM               |
| SubDirectory             | PL042325                                                                                                                                                                        | HP Acquire Method | HP Processing Method pl042325 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                |                   |                                    |
| Tune/Reschk              | PP24433,PP24095                                                                                                                                                                 |                   |                                    |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                    |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                                                                 |                   |                                    |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                         |                   |                                    |
| Surrogate Standard       |                                                                                                                                                                                 |                   |                                    |
| MS/MSD Standard          |                                                                                                                                                                                 |                   |                                    |
| LCS Standard             |                                                                                                                                                                                 |                   |                                    |

| Sr# | Sampleld      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PL095325.D     | 23 Apr 2025 10:36 | AR\AJ    | Ok     |
| 2   | I.BLK         | PL095326.D     | 23 Apr 2025 10:50 | AR\AJ    | Ok     |
| 3   | PEM           | PL095327.D     | 23 Apr 2025 11:04 | AR\AJ    | Ok,M   |
| 4   | RESCHK        | PL095328.D     | 23 Apr 2025 11:18 | AR\AJ    | Ok,M   |
| 5   | PSTDICC100    | PL095329.D     | 23 Apr 2025 11:31 | AR\AJ    | Ok     |
| 6   | PSTDICC075    | PL095330.D     | 23 Apr 2025 11:45 | AR\AJ    | Ok     |
| 7   | PSTDICC050    | PL095331.D     | 23 Apr 2025 11:59 | AR\AJ    | Ok     |
| 8   | PSTDICC025    | PL095332.D     | 23 Apr 2025 12:12 | AR\AJ    | Ok,M   |
| 9   | PSTDICC005    | PL095333.D     | 23 Apr 2025 12:26 | AR\AJ    | Ok,M   |
| 10  | PCHLORICC1000 | PL095334.D     | 23 Apr 2025 12:40 | AR\AJ    | Ok     |
| 11  | PCHLORICC750  | PL095335.D     | 23 Apr 2025 12:53 | AR\AJ    | Ok     |
| 12  | PCHLORICC500  | PL095336.D     | 23 Apr 2025 13:07 | AR\AJ    | Ok     |
| 13  | PCHLORICC250  | PL095337.D     | 23 Apr 2025 13:21 | AR\AJ    | Ok     |
| 14  | PCHLORICC050  | PL095338.D     | 23 Apr 2025 13:51 | AR\AJ    | Ok,M   |
| 15  | PTOXICC1000   | PL095339.D     | 23 Apr 2025 14:04 | AR\AJ    | Ok     |
| 16  | PTOXICC750    | PL095340.D     | 23 Apr 2025 14:18 | AR\AJ    | Ok     |
| 17  | PTOXICC500    | PL095341.D     | 23 Apr 2025 14:32 | AR\AJ    | Ok     |
| 18  | PTOXICC250    | PL095342.D     | 23 Apr 2025 14:45 | AR\AJ    | Ok     |
| 19  | PTOXICC100    | PL095343.D     | 23 Apr 2025 14:59 | AR\AJ    | Ok,M   |
| 20  | PSTDICV050    | PL095344.D     | 23 Apr 2025 15:13 | AR\AJ    | Ok,M   |
| 21  | PCHLORICV500  | PL095345.D     | 23 Apr 2025 16:10 | AR\AJ    | Ok     |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL042325**

| Review By                | Abdul                                                                                                                                                                           | Review On         | 4/24/2025 8:49:02 AM               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | mohammad                                                                                                                                                                        | Supervise On      | 4/26/2025 2:18:30 AM               |
| SubDirectory             | PL042325                                                                                                                                                                        | HP Acquire Method | HP Processing Method pl042325 8081 |
| STD. NAME                | STD REF.#                                                                                                                                                                       |                   |                                    |
| Tune/Reschk              | PP24433,PP24095                                                                                                                                                                 |                   |                                    |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                    |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                                                                 |                   |                                    |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                         |                   |                                    |
| Surrogate Standard       |                                                                                                                                                                                 |                   |                                    |
| MS/MSD Standard          |                                                                                                                                                                                 |                   |                                    |
| LCS Standard             |                                                                                                                                                                                 |                   |                                    |

|    |             |            |                   |       |        |
|----|-------------|------------|-------------------|-------|--------|
| 22 | PTOXICV500  | PL095346.D | 23 Apr 2025 16:24 | AR\AJ | Ok     |
| 23 | I.BLK       | PL095347.D | 23 Apr 2025 16:38 | AR\AJ | Ok     |
| 24 | PEM         | PL095348.D | 23 Apr 2025 16:52 | AR\AJ | Ok,M   |
| 25 | PSTDCCC050  | PL095349.D | 23 Apr 2025 17:05 | AR\AJ | Ok,M   |
| 26 | PB167688BL  | PL095350.D | 23 Apr 2025 17:19 | AR\AJ | Ok     |
| 27 | PB167688BS  | PL095351.D | 23 Apr 2025 17:33 | AR\AJ | Not Ok |
| 28 | Q1848-01    | PL095352.D | 23 Apr 2025 17:46 | AR\AJ | Ok,M   |
| 29 | Q1848-03    | PL095353.D | 23 Apr 2025 18:00 | AR\AJ | Ok,M   |
| 30 | Q1848-03MS  | PL095354.D | 23 Apr 2025 18:14 | AR\AJ | Ok,M   |
| 31 | Q1848-03MSD | PL095355.D | 23 Apr 2025 18:28 | AR\AJ | Ok,M   |
| 32 | Q1848-05    | PL095356.D | 23 Apr 2025 18:41 | AR\AJ | Ok,M   |
| 33 | Q1850-01    | PL095357.D | 23 Apr 2025 18:55 | AR\AJ | Ok,M   |
| 34 | I.BLK       | PL095358.D | 23 Apr 2025 19:23 | AR\AJ | Ok,M   |
| 35 | PSTDCCC050  | PL095359.D | 23 Apr 2025 19:50 | AR\AJ | Ok,M   |

M : Manual Integration

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL050625**

| Review By                |                                                                                                                                                                                 | Review On         |                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------|
| Supervise By             |                                                                                                                                                                                 | Supervise On      |                                         |
| SubDirectory             | PL050625                                                                                                                                                                        | HP Acquire Method | HP Processing Method      pl042325 8081 |
| STD. NAME                | STD REF.#                                                                                                                                                                       |                   |                                         |
| Tune/Reschk              | PP24433,PP24095                                                                                                                                                                 |                   |                                         |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                         |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                 |                   |                                         |
| Internal Standard/PEM    |                                                                                                                                                                                 |                   |                                         |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                         |                   |                                         |
| Surrogate Standard       |                                                                                                                                                                                 |                   |                                         |
| MS/MSD Standard          |                                                                                                                                                                                 |                   |                                         |
| LCS Standard             |                                                                                                                                                                                 |                   |                                         |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | I.BLK       | PL095528.D     | 05 May 2025 08:14 | AR\AJ    | Ok     |
| 2   | PEM         | PL095529.D     | 05 May 2025 09:21 | AR\AJ    | Ok,NS  |
| 3   | PSTDCCC050  | PL095530.D     | 05 May 2025 09:35 | AR\AJ    | Ok,NS  |
| 4   | PB167854BL  | PL095531.D     | 05 May 2025 12:37 | AR\AJ    | Ok,NS  |
| 5   | PB167854BS  | PL095532.D     | 05 May 2025 13:25 | AR\AJ    | Ok,NS  |
| 6   | Q1946-01    | PL095533.D     | 05 May 2025 13:43 | AR\AJ    | Ok     |
| 7   | Q1947-01    | PL095534.D     | 05 May 2025 13:57 | AR\AJ    | Ok     |
| 8   | Q1947-05    | PL095535.D     | 05 May 2025 14:10 | AR\AJ    | Ok     |
| 9   | Q1951-01    | PL095536.D     | 05 May 2025 14:24 | AR\AJ    | Ok     |
| 10  | Q1952-01    | PL095537.D     | 05 May 2025 14:38 | AR\AJ    | Ok,NS  |
| 11  | Q1936-01    | PL095538.D     | 05 May 2025 14:52 | AR\AJ    | Ok     |
| 12  | Q1936-01MS  | PL095539.D     | 05 May 2025 15:06 | AR\AJ    | Ok,NS  |
| 13  | Q1936-01MSD | PL095540.D     | 05 May 2025 15:19 | AR\AJ    | Ok,NS  |
| 14  | Q1936-03    | PL095541.D     | 05 May 2025 16:01 | AR\AJ    | Ok     |
| 15  | Q1936-05    | PL095542.D     | 05 May 2025 16:15 | AR\AJ    | Ok,NS  |
| 16  | Q1936-07    | PL095543.D     | 05 May 2025 16:28 | AR\AJ    | Ok     |
| 17  | Q1937-01    | PL095544.D     | 05 May 2025 16:42 | AR\AJ    | Ok     |
| 18  | I.BLK       | PL095545.D     | 05 May 2025 16:56 | AR\AJ    | Ok,NS  |
| 19  | PEM         | PL095546.D     | 05 May 2025 18:25 | AR\AJ    | Ok,NS  |
| 20  | PSTDCCC050  | PL095547.D     | 05 May 2025 18:39 | AR\AJ    | Ok,NS  |
| 21  | Q1937-03    | PL095548.D     | 05 May 2025 19:07 | AR\AJ    | Ok     |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL050625**

| Review By                |                                                                                                                                                                                 | Review On         |                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------|
| Supervise By             |                                                                                                                                                                                 | Supervise On      |                                         |
| SubDirectory             | PL050625                                                                                                                                                                        | HP Acquire Method | HP Processing Method      pl042325 8081 |
| STD. NAME                | STD REF.#                                                                                                                                                                       |                   |                                         |
| Tune/Reschk              | PP24433,PP24095                                                                                                                                                                 |                   |                                         |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                         |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                 |                   |                                         |
| Internal Standard/PEM    |                                                                                                                                                                                 |                   |                                         |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                         |                   |                                         |
| Surrogate Standard       |                                                                                                                                                                                 |                   |                                         |
| MS/MSD Standard          |                                                                                                                                                                                 |                   |                                         |
| LCS Standard             |                                                                                                                                                                                 |                   |                                         |

|    |            |            |                   |       |        |
|----|------------|------------|-------------------|-------|--------|
| 22 | Q1937-05   | PL095549.D | 05 May 2025 19:21 | AR\AJ | Ok     |
| 23 | Q1937-07   | PL095550.D | 05 May 2025 19:34 | AR\AJ | Ok,NS  |
| 24 | Q1937-09   | PL095551.D | 05 May 2025 19:48 | AR\AJ | Ok,NS  |
| 25 | Q1937-11   | PL095552.D | 05 May 2025 20:02 | AR\AJ | Ok,NS  |
| 26 | Q1938-01   | PL095553.D | 05 May 2025 20:16 | AR\AJ | Ok,NS  |
| 27 | Q1938-03   | PL095554.D | 05 May 2025 20:29 | AR\AJ | Not Ok |
| 28 | Q1938-05   | PL095555.D | 05 May 2025 20:43 | AR\AJ | Ok,NS  |
| 29 | Q1938-07   | PL095556.D | 05 May 2025 20:57 | AR\AJ | Ok,NS  |
| 30 | I.BLK      | PL095557.D | 05 May 2025 21:11 | AR\AJ | Ok     |
| 31 | PSTDCCC050 | PL095558.D | 05 May 2025 21:25 | AR\AJ | Ok,NS  |

M : Manual Integration

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL042325**

|              |          |                   |                      |
|--------------|----------|-------------------|----------------------|
| Review By    | Abdul    | Review On         | 4/24/2025 8:49:02 AM |
| Supervise By | mohammad | Supervise On      | 4/26/2025 2:18:30 AM |
| SubDirectory | PL042325 | HP Acquire Method | HP Processing Method |
|              |          |                   | pl042325 8081        |

| STD. NAME                | STD REF.#                                                                                                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              | PP24433,PP24095                                                                                                                                                                     |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P<br>P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                     |
| Internal Standard/PEM    |                                                                                                                                                                                     |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                             |
| Surrogate Standard       |                                                                                                                                                                                     |
| MS/MSD Standard          |                                                                                                                                                                                     |
| LCS Standard             |                                                                                                                                                                                     |

| Sr# | Sampleld      | ClientID      | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------|---------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE        | HEXANE        | PL095325.D     | 23 Apr 2025 10:36 |         | AR\AJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PL095326.D     | 23 Apr 2025 10:50 |         | AR\AJ    | Ok     |
| 3   | PEM           | PEM           | PL095327.D     | 23 Apr 2025 11:04 |         | AR\AJ    | Ok,M   |
| 4   | RESCHK        | RESCHK        | PL095328.D     | 23 Apr 2025 11:18 |         | AR\AJ    | Ok,M   |
| 5   | PSTDICC100    | PSTDICC100    | PL095329.D     | 23 Apr 2025 11:31 |         | AR\AJ    | Ok     |
| 6   | PSTDICC075    | PSTDICC075    | PL095330.D     | 23 Apr 2025 11:45 |         | AR\AJ    | Ok     |
| 7   | PSTDICC050    | PSTDICC050    | PL095331.D     | 23 Apr 2025 11:59 |         | AR\AJ    | Ok     |
| 8   | PSTDICC025    | PSTDICC025    | PL095332.D     | 23 Apr 2025 12:12 |         | AR\AJ    | Ok,M   |
| 9   | PSTDICC005    | PSTDICC005    | PL095333.D     | 23 Apr 2025 12:26 |         | AR\AJ    | Ok,M   |
| 10  | PCHLORICC1000 | PCHLORICC1000 | PL095334.D     | 23 Apr 2025 12:40 |         | AR\AJ    | Ok     |
| 11  | PCHLORICC750  | PCHLORICC750  | PL095335.D     | 23 Apr 2025 12:53 |         | AR\AJ    | Ok     |
| 12  | PCHLORICC500  | PCHLORICC500  | PL095336.D     | 23 Apr 2025 13:07 |         | AR\AJ    | Ok     |
| 13  | PCHLORICC250  | PCHLORICC250  | PL095337.D     | 23 Apr 2025 13:21 |         | AR\AJ    | Ok     |
| 14  | PCHLORICC050  | PCHLORICC050  | PL095338.D     | 23 Apr 2025 13:51 |         | AR\AJ    | Ok,M   |
| 15  | PTOXICC1000   | PTOXICC1000   | PL095339.D     | 23 Apr 2025 14:04 |         | AR\AJ    | Ok     |
| 16  | PTOXICC750    | PTOXICC750    | PL095340.D     | 23 Apr 2025 14:18 |         | AR\AJ    | Ok     |
| 17  | PTOXICC500    | PTOXICC500    | PL095341.D     | 23 Apr 2025 14:32 |         | AR\AJ    | Ok     |
| 18  | PTOXICC250    | PTOXICC250    | PL095342.D     | 23 Apr 2025 14:45 |         | AR\AJ    | Ok     |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL042325**

|                          |                                                                                                                                                                                     |                   |                                    |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                                                               | Review On         | 4/24/2025 8:49:02 AM               |
| Supervise By             | mohammad                                                                                                                                                                            | Supervise On      | 4/26/2025 2:18:30 AM               |
| SubDirectory             | PL042325                                                                                                                                                                            | HP Acquire Method | HP Processing Method pl042325 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                    |                   |                                    |
| Tune/Reschk              | PP24433,PP24095                                                                                                                                                                     |                   |                                    |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P<br>P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                    |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                     |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                                                                     |                   |                                    |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                             |                   |                                    |
| Surrogate Standard       |                                                                                                                                                                                     |                   |                                    |
| MS/MSD Standard          |                                                                                                                                                                                     |                   |                                    |
| LCS Standard             |                                                                                                                                                                                     |                   |                                    |

|    |              |                   |            |                   |                                                                |       |        |
|----|--------------|-------------------|------------|-------------------|----------------------------------------------------------------|-------|--------|
| 19 | PTOXICC100   | PTOXICC100        | PL095343.D | 23 Apr 2025 14:59 |                                                                | AR\AJ | Ok,M   |
| 20 | PSTDICV050   | ICVPL042325       | PL095344.D | 23 Apr 2025 15:13 |                                                                | AR\AJ | Ok,M   |
| 21 | PCHLORICV500 | ICVPL042325CHLOR  | PL095345.D | 23 Apr 2025 16:10 |                                                                | AR\AJ | Ok     |
| 22 | PTOXICV500   | ICVPL042325TOX    | PL095346.D | 23 Apr 2025 16:24 |                                                                | AR\AJ | Ok     |
| 23 | I.BLK        | I.BLK             | PL095347.D | 23 Apr 2025 16:38 |                                                                | AR\AJ | Ok     |
| 24 | PEM          | PEM               | PL095348.D | 23 Apr 2025 16:52 |                                                                | AR\AJ | Ok,M   |
| 25 | PSTDCCC050   | PSTDCCC050        | PL095349.D | 23 Apr 2025 17:05 |                                                                | AR\AJ | Ok,M   |
| 26 | PB167688BL   | PB167688BL        | PL095350.D | 23 Apr 2025 17:19 |                                                                | AR\AJ | Ok     |
| 27 | PB167688BS   | PB167688BS        | PL095351.D | 23 Apr 2025 17:33 | Endrin ketone recovery high                                    | AR\AJ | Not Ok |
| 28 | Q1848-01     | RBR200027         | PL095352.D | 23 Apr 2025 17:46 |                                                                | AR\AJ | Ok,M   |
| 29 | Q1848-03     | ETGI-275          | PL095353.D | 23 Apr 2025 18:00 | DCB Low in 1st column                                          | AR\AJ | Ok,M   |
| 30 | Q1848-03MS   | ETGI-275MS        | PL095354.D | 23 Apr 2025 18:14 | Some compound recovery fail                                    | AR\AJ | Ok,M   |
| 31 | Q1848-03MSD  | ETGI-275MSD       | PL095355.D | 23 Apr 2025 18:28 | DCB Low in 1st column , Some compound recovery fail , RPD Fail | AR\AJ | Ok,M   |
| 32 | Q1848-05     | ETGI-342          | PL095356.D | 23 Apr 2025 18:41 | DCB Low in 1st column                                          | AR\AJ | Ok,M   |
| 33 | Q1850-01     | CONCRETE-PILE-N-C | PL095357.D | 23 Apr 2025 18:55 |                                                                | AR\AJ | Ok,M   |
| 34 | I.BLK        | I.BLK             | PL095358.D | 23 Apr 2025 19:23 |                                                                | AR\AJ | Ok,M   |
| 35 | PSTDCCC050   | PSTDCCC050        | PL095359.D | 23 Apr 2025 19:50 |                                                                | AR\AJ | Ok,M   |

M : Manual Integration



Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL050625**

|                          |                                                                                                                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Review By                | Review On                                                                                                                                                                           |
| Supervise By             | Supervise On                                                                                                                                                                        |
| SubDirectory             | PL050625                                                                                                                                                                            |
| HP Acquire Method        | HP Processing Method                                                                                                                                                                |
|                          | pl042325 8081                                                                                                                                                                       |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                    |
| Tune/Reschk              | PP24433,PP24095                                                                                                                                                                     |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P<br>P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                     |
| Internal Standard/PEM    |                                                                                                                                                                                     |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                             |
| Surrogate Standard       |                                                                                                                                                                                     |
| MS/MSD Standard          |                                                                                                                                                                                     |
| LCS Standard             |                                                                                                                                                                                     |

| Sr# | Sampleld    | ClientID        | Data File Name | Date-Time         | Comment                     | Operator | Status |
|-----|-------------|-----------------|----------------|-------------------|-----------------------------|----------|--------|
| 1   | I.BLK       | I.BLK           | PL095528.D     | 05 May 2025 08:14 |                             | AR\AJ    | Ok     |
| 2   | PEM         | PEM             | PL095529.D     | 05 May 2025 09:21 |                             | AR\AJ    | Ok,NS  |
| 3   | PSTDCCC050  | PSTDCCC050      | PL095530.D     | 05 May 2025 09:35 |                             | AR\AJ    | Ok,NS  |
| 4   | PB167854BL  | PB167854BL      | PL095531.D     | 05 May 2025 12:37 |                             | AR\AJ    | Ok,NS  |
| 5   | PB167854BS  | PB167854BS      | PL095532.D     | 05 May 2025 13:25 |                             | AR\AJ    | Ok,NS  |
| 6   | Q1946-01    | BB-CONCRETE     | PL095533.D     | 05 May 2025 13:43 |                             | AR\AJ    | Ok     |
| 7   | Q1947-01    | MH-P            | PL095534.D     | 05 May 2025 13:57 |                             | AR\AJ    | Ok     |
| 8   | Q1947-05    | MH-O            | PL095535.D     | 05 May 2025 14:10 |                             | AR\AJ    | Ok     |
| 9   | Q1951-01    | MH-KK           | PL095536.D     | 05 May 2025 14:24 |                             | AR\AJ    | Ok     |
| 10  | Q1952-01    | CLEAN-FILL      | PL095537.D     | 05 May 2025 14:38 |                             | AR\AJ    | Ok,NS  |
| 11  | Q1936-01    | SMALL-PILE-A    | PL095538.D     | 05 May 2025 14:52 |                             | AR\AJ    | Ok     |
| 12  | Q1936-01MS  | SMALL-PILE-AMS  | PL095539.D     | 05 May 2025 15:06 | Endrin ketone recovery high | AR\AJ    | Ok,NS  |
| 13  | Q1936-01MSD | SMALL-PILE-AMSD | PL095540.D     | 05 May 2025 15:19 | Endrin ketone recovery high | AR\AJ    | Ok,NS  |
| 14  | Q1936-03    | SMALL-PILE-B    | PL095541.D     | 05 May 2025 16:01 |                             | AR\AJ    | Ok     |
| 15  | Q1936-05    | SMALL-PILE-C    | PL095542.D     | 05 May 2025 16:15 |                             | AR\AJ    | Ok,NS  |
| 16  | Q1936-07    | SMALL-PILE-D    | PL095543.D     | 05 May 2025 16:28 |                             | AR\AJ    | Ok     |
| 17  | Q1937-01    | LARGE-PILE-A    | PL095544.D     | 05 May 2025 16:42 |                             | AR\AJ    | Ok     |
| 18  | I.BLK       | I.BLK           | PL095545.D     | 05 May 2025 16:56 |                             | AR\AJ    | Ok,NS  |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL050625**

| Review By                | Review On                                                                                                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supervise By             | Supervise On                                                                                                                                                                        |
| SubDirectory             | PL050625                                                                                                                                                                            |
| HP Acquire Method        | HP Processing Method                                                                                                                                                                |
|                          | pl042325 8081                                                                                                                                                                       |
| STD. NAME                | STD REF.#                                                                                                                                                                           |
| Tune/Reschk              | PP24433,PP24095                                                                                                                                                                     |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P<br>P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                     |
| Internal Standard/PEM    |                                                                                                                                                                                     |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                             |
| Surrogate Standard       |                                                                                                                                                                                     |
| MS/MSD Standard          |                                                                                                                                                                                     |
| LCS Standard             |                                                                                                                                                                                     |

|    |            |                   |            |                   |            |       |        |
|----|------------|-------------------|------------|-------------------|------------|-------|--------|
| 19 | PEM        | PEM               | PL095546.D | 05 May 2025 18:25 |            | AR\AJ | Ok,NS  |
| 20 | PSTDCCC050 | PSTDCCC050        | PL095547.D | 05 May 2025 18:39 |            | AR\AJ | Ok,NS  |
| 21 | Q1937-03   | LARGE-PILE-B      | PL095548.D | 05 May 2025 19:07 |            | AR\AJ | Ok     |
| 22 | Q1937-05   | LARGE-PILE-C      | PL095549.D | 05 May 2025 19:21 |            | AR\AJ | Ok     |
| 23 | Q1937-07   | LARGE-PILE-D      | PL095550.D | 05 May 2025 19:34 |            | AR\AJ | Ok,NS  |
| 24 | Q1937-09   | LARGE-PILE-E      | PL095551.D | 05 May 2025 19:48 |            | AR\AJ | Ok,NS  |
| 25 | Q1937-11   | LARGE-PILE-F      | PL095552.D | 05 May 2025 20:02 |            | AR\AJ | Ok,NS  |
| 26 | Q1938-01   | LOWER-WALL-PILE-A | PL095553.D | 05 May 2025 20:16 |            | AR\AJ | Ok,NS  |
| 27 | Q1938-03   | LOWER-WALL-PILE-B | PL095554.D | 05 May 2025 20:29 | F flag TCX | AR\AJ | Not Ok |
| 28 | Q1938-05   | LOWER-WALL-PILE-C | PL095555.D | 05 May 2025 20:43 |            | AR\AJ | Ok,NS  |
| 29 | Q1938-07   | LOWER-WALL-PILE-D | PL095556.D | 05 May 2025 20:57 |            | AR\AJ | Ok,NS  |
| 30 | I.BLK      | I.BLK             | PL095557.D | 05 May 2025 21:11 |            | AR\AJ | Ok     |
| 31 | PSTDCCC050 | PSTDCCC050        | PL095558.D | 05 May 2025 21:25 |            | AR\AJ | Ok,NS  |

M : Manual Integration

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 5/5/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:00  
In Date: 05/02/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:25  
Out Date: 05/03/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB135646

| Lab ID   | Client SampleID   | Dish # | Dish Wt (g) (A) | Sample Wt (g) | Dish + Sample Wt (g) (B) | Dish+Dry Sample Wt (g) (C) | % Solid | Comments |
|----------|-------------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|----------|
| Q1913-01 | WC-12-S-202504    | 1      | 1.18            | 10.32         | 11.5                     | 9.49                       | 80.5    |          |
| Q1913-03 | WC-13-S-202504    | 2      | 1.19            | 10.37         | 11.56                    | 9.83                       | 83.3    |          |
| Q1936-01 | SMALL-PILE-A      | 33     | 1.15            | 9.94          | 11.09                    | 10.18                      | 90.8    |          |
| Q1936-02 | SMALL-PILE-A      | 34     | 1.17            | 9.94          | 11.11                    | 10.22                      | 91.0    |          |
| Q1936-03 | SMALL-PILE-B      | 35     | 1.18            | 10.39         | 11.57                    | 10.93                      | 93.8    |          |
| Q1936-04 | SMALL-PILE-B      | 36     | 1.18            | 9.88          | 11.06                    | 10.44                      | 93.7    |          |
| Q1936-05 | SMALL-PILE-C      | 37     | 1.15            | 10.03         | 11.18                    | 10.9                       | 97.2    |          |
| Q1936-06 | SMALL-PILE-C      | 38     | 1.15            | 10.25         | 11.4                     | 11.01                      | 96.2    |          |
| Q1936-07 | SMALL-PILE-D      | 39     | 1.16            | 10.41         | 11.57                    | 10.97                      | 94.2    |          |
| Q1936-08 | SMALL-PILE-D      | 40     | 1.18            | 9.96          | 11.14                    | 10.55                      | 94.1    |          |
| Q1937-01 | LARGE-PILE-A      | 41     | 1.15            | 10.13         | 11.28                    | 10.7                       | 94.3    |          |
| Q1937-02 | LARGE-PILE-A      | 42     | 1.18            | 9.58          | 10.76                    | 10.2                       | 94.2    |          |
| Q1937-03 | LARGE-PILE-B      | 43     | 1.15            | 10.03         | 11.18                    | 10.82                      | 96.4    |          |
| Q1937-04 | LARGE-PILE-B      | 44     | 1.17            | 10.04         | 11.21                    | 10.72                      | 95.1    |          |
| Q1937-05 | LARGE-PILE-C      | 45     | 1.16            | 10.19         | 11.35                    | 10.83                      | 94.9    |          |
| Q1937-06 | LARGE-PILE-C      | 46     | 1.19            | 10.06         | 11.25                    | 10.63                      | 93.8    |          |
| Q1937-07 | LARGE-PILE-D      | 47     | 1.18            | 10.33         | 11.51                    | 10.95                      | 94.6    |          |
| Q1937-08 | LARGE-PILE-D      | 48     | 1.17            | 9.75          | 10.92                    | 10.33                      | 93.9    |          |
| Q1937-09 | LARGE-PILE-E      | 49     | 1.16            | 10.14         | 11.3                     | 10.52                      | 92.3    |          |
| Q1937-10 | LARGE-PILE-E      | 50     | 1.18            | 10.30         | 11.48                    | 10.76                      | 93.0    |          |
| Q1937-11 | LARGE-PILE-F      | 51     | 1.18            | 10.48         | 11.66                    | 10.58                      | 89.7    |          |
| Q1937-12 | LARGE-PILE-F      | 52     | 1.18            | 10.25         | 11.43                    | 10.44                      | 90.3    |          |
| Q1938-01 | LOWER-WALL-PILE-A | 53     | 1.15            | 10.33         | 11.48                    | 10.77                      | 93.1    |          |
| Q1938-02 | LOWER-WALL-PILE-A | 54     | 1.17            | 10.50         | 11.67                    | 10.71                      | 90.9    |          |
| Q1938-03 | LOWER-WALL-PILE-B | 55     | 1.14            | 10.15         | 11.29                    | 10.94                      | 96.6    |          |
| Q1938-04 | LOWER-WALL-PILE-B | 56     | 1.18            | 9.90          | 11.08                    | 10.68                      | 96.0    |          |
| Q1938-05 | LOWER-WALL-PILE-C | 57     | 1.17            | 10.23         | 11.4                     | 11.07                      | 96.8    |          |
| Q1938-06 | LOWER-WALL-PILE-C | 58     | 1.12            | 9.82          | 10.94                    | 10.7                       | 97.6    |          |

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 5/5/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:00  
In Date: 05/02/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:25  
Out Date: 05/03/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB135646

| Lab ID   | Client SampleID       | Dish # | Dish Wt (g) (A) | Sample Wt (g) | Dish + Sample Wt (g) (B) | Dish+Dry Sample Wt (g) (C) | % Solid | Comments             |
|----------|-----------------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|----------------------|
| Q1938-07 | LOWER-WALL-PILE-D     | 59     | 1.19            | 10.01         | 11.2                     | 10.7                       | 95.0    |                      |
| Q1938-08 | LOWER-WALL-PILE-D     | 60     | 1.17            | 10.23         | 11.4                     | 10.86                      | 94.7    |                      |
| Q1942-05 | SVOC-GPC-BLANK        | 3      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                      |
| Q1942-06 | PEST-GPC-BLANK        | 4      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                      |
| Q1942-07 | PEST-GPC-BLANK-SPIKE  | 5      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                      |
| Q1942-08 | PCB-GPC-BLANK         | 6      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                      |
| Q1942-09 | PCB-GPC-BLANK-SPIKE   | 7      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                      |
| Q1942-10 | SVOC-GPC2-BLANK       | 8      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                      |
| Q1942-11 | PEST-GPC2-BLANK       | 9      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                      |
| Q1942-12 | PEST-GPC2-BLANK-SPIKE | 10     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                      |
| Q1942-13 | PCB-GPC2-BLANK        | 11     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                      |
| Q1942-14 | PCB-GCP2-BLANK-SPIKE  | 12     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                      |
| Q1944-01 | MELTED-RUBBER-SAMPLE  | 13     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | MELTED-RUBBER-SAMPLE |
| Q1946-01 | BB-CONCRETE           | 14     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | CONCRETE sample      |
| Q1946-02 | BB-CONCRETE           | 15     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | CONCRETE sample      |
| Q1947-01 | MH-P                  | 16     | 1.18            | 10.19         | 11.37                    | 9.28                       | 79.5    |                      |
| Q1947-02 | MH-P-EPH              | 17     | 1.15            | 10.84         | 11.99                    | 10.64                      | 87.5    |                      |
| Q1947-03 | MH-P-VOC              | 18     | 1.16            | 10.71         | 11.87                    | 10.5                       | 87.2    |                      |
| Q1947-05 | MH-O                  | 19     | 1.14            | 10.59         | 11.73                    | 10.52                      | 88.6    |                      |
| Q1947-06 | MH-O-EPH              | 20     | 1.12            | 10.00         | 11.12                    | 9.91                       | 87.9    |                      |
| Q1947-07 | MH-O-VOC              | 21     | 1.17            | 10.00         | 11.17                    | 9.95                       | 87.8    |                      |
| Q1951-01 | MH-KK                 | 22     | 1.18            | 10.40         | 11.58                    | 10.01                      | 84.9    |                      |
| Q1951-02 | MH-KK-EPH             | 23     | 1.16            | 10.29         | 11.45                    | 9.91                       | 85.0    |                      |
| Q1951-03 | MH-KK-VOC             | 24     | 1.17            | 10.25         | 11.42                    | 9.86                       | 84.8    |                      |
| Q1952-01 | CLEAN-FILL            | 25     | 1.18            | 10.49         | 11.67                    | 8.98                       | 74.4    |                      |
| Q1952-02 | CLEAN-FILL-E2         | 26     | 1.13            | 10.10         | 11.23                    | 8.47                       | 72.7    |                      |
| Q1953-01 | AUD-25-0075           | 27     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | pile                 |
| Q1953-02 | AUD-25-0076           | 28     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | pile                 |



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 5/5/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:00  
In Date: 05/02/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:25  
Out Date: 05/03/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB135646

| Lab ID   | Client SampleID | Dish # | Dish Wt (g) (A) | Sample Wt (g) | Dish + Sample Wt (g) (B) | Dish+Dry Sample Wt (g) (C) | % Solid | Comments                   |
|----------|-----------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|----------------------------|
| Q1953-03 | AUD-25-0077     | 29     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | oilc                       |
| Q1954-01 | BC260874-1-1    | 30     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | oilc                       |
| Q1954-02 | BC260874-1-2    | 31     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | oilc                       |
| Q1955-01 | LAW-25-0066     | 32     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | stone sample, 100 % solids |

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

# WORKLIST(Hardcopy Internal Chain)

073546

WorkList Name : %1-050225

WorkList ID : 189289

Department : Wet-Chemistry

Date : 05-02-2025 14:36:21

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q1913-01 | WC-12-S-202504  | Solid  | Percent Solids | Cool 4 deg C | AECO02   | L21                         | 04/29/2025   | Chemtech -SO |
| Q1913-03 | WC-13-S-202504  | Solid  | Percent Solids | Cool 4 deg C | AECO02   | L21                         | 04/29/2025   | Chemtech -SO |
| Q1936-01 | SMALL-PILE-A    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L51                         | 05/01/2025   | Chemtech -SO |
| Q1936-02 | SMALL-PILE-A    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L51                         | 05/01/2025   | Chemtech -SO |
| Q1936-03 | SMALL-PILE-B    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L51                         | 05/01/2025   | Chemtech -SO |
| Q1936-04 | SMALL-PILE-B    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L51                         | 05/01/2025   | Chemtech -SO |
| Q1936-05 | SMALL-PILE-C    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L51                         | 05/01/2025   | Chemtech -SO |
| Q1936-06 | SMALL-PILE-C    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L51                         | 05/01/2025   | Chemtech -SO |
| Q1936-07 | SMALL-PILE-D    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L51                         | 05/01/2025   | Chemtech -SO |
| Q1936-08 | SMALL-PILE-D    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L51                         | 05/01/2025   | Chemtech -SO |
| Q1937-01 | LARGE-PILE-A    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1937-02 | LARGE-PILE-A    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1937-03 | LARGE-PILE-B    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1937-04 | LARGE-PILE-B    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1937-05 | LARGE-PILE-C    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1937-06 | LARGE-PILE-C    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1937-07 | LARGE-PILE-D    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1937-08 | LARGE-PILE-D    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1937-09 | LARGE-PILE-E    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1937-10 | LARGE-PILE-E    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1937-11 | LARGE-PILE-F    | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |

Date/Time 05/02/25 15:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 05/02/25 17:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

# WORKLIST(Hardcopy Internal Chain)

172546

WorkList Name : %1-050225

WorkList ID : 189289

Department : Wet-Chemistry

Date : 05-02-2025 14:36:21

| Sample   | Customer Sample       | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q1937-12 | LARGE-PILE-F          | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1938-01 | LOWER-WALL-PILE-A     | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1938-02 | LOWER-WALL-PILE-A     | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1938-03 | LOWER-WALL-PILE-B     | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1938-04 | LOWER-WALL-PILE-B     | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1938-05 | LOWER-WALL-PILE-C     | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1938-06 | LOWER-WALL-PILE-C     | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1938-07 | LOWER-WALL-PILE-D     | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1938-08 | LOWER-WALL-PILE-D     | Solid  | Percent Solids | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1942-05 | SVOC-GPC-BLANK        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | L41                         | 05/01/2025   | Chemtech -SO |
| Q1942-06 | PEST-GPC-BLANK        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | L41                         | 04/25/2025   | Chemtech -SO |
| Q1942-07 | PEST-GPC-BLANK-SPIKE  | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | L41                         | 04/25/2025   | Chemtech -SO |
| Q1942-08 | PCB-GPC-BLANK         | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | L41                         | 04/25/2025   | Chemtech -SO |
| Q1942-09 | PCB-GPC-BLANK-SPIKE   | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | L41                         | 04/25/2025   | Chemtech -SO |
| Q1942-10 | SVOC-GPC2-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | L41                         | 04/25/2025   | Chemtech -SO |
| Q1942-11 | PEST-GPC2-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | L41                         | 04/25/2025   | Chemtech -SO |
| Q1942-12 | PEST-GPC2-BLANK-SPIKE | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | L41                         | 04/25/2025   | Chemtech -SO |
| Q1942-13 | PCB-GPC2-BLANK        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | L41                         | 04/25/2025   | Chemtech -SO |
| Q1942-14 | PCB-GPC2-BLANK-SPIKE  | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | L41                         | 04/25/2025   | Chemtech -SO |
| Q1944-01 | MELTED-RUBBER-SAMPLE  | Solid  | Percent Solids | Cool 4 deg C | METE01   | L41                         | 05/02/2025   | Chemtech -SO |
| Q1946-01 | BB-CONCRETE           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | Chemtech -SO |

Date/Time 05/02/25 15:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 05/02/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

# WORKLIST(Hardcopy Internal Chain)

8/23/25

WorkList Name : %1-050225

WorkList ID : 189289

Department : Wet-Chemistry

Date : 05-02-2025 14:36:21

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q1946-02 | BB-CONCRETE     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | Chemtech -SO |
| Q1947-01 | MH-P            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | Chemtech -SO |
| Q1947-02 | MH-P-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | Chemtech -SO |
| Q1947-03 | MH-P-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | Chemtech -SO |
| Q1947-05 | MH-O            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | Chemtech -SO |
| Q1947-06 | MH-O-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | Chemtech -SO |
| Q1947-07 | MH-O-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | Chemtech -SO |
| Q1951-01 | MH-KK           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L31                         | 05/02/2025   | Chemtech -SO |
| Q1951-02 | MH-KK-EPH       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L31                         | 05/02/2025   | Chemtech -SO |
| Q1951-03 | MH-KK-VOC       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L31                         | 05/02/2025   | Chemtech -SO |
| Q1952-01 | CLEAN-FILL      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L21                         | 05/02/2025   | Chemtech -SO |
| Q1952-02 | CLEAN-FILL-E2   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L21                         | 05/02/2025   | Chemtech -SO |
| Q1953-01 | AUD-25-0075     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | Chemtech -SO |
| Q1953-02 | AUD-25-0076     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | Chemtech -SO |
| Q1953-03 | AUD-25-0077     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | Chemtech -SO |
| Q1954-01 | BC260874-1-1    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | Chemtech -SO |
| Q1954-02 | BC260874-1-2    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | Chemtech -SO |
| Q1955-01 | LAW-25-0066     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | Chemtech -SO |

Date/Time 05/02/25 15:10

Raw Sample Received by: 88 WOC,

Raw Sample Relinquished by: 88 WOC,

Date/Time 05/02/25

Raw Sample Received by:

Raw Sample Relinquished by:



SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Florisil

Extraction Start Date : 05/05/2025

Matrix : Solid

Extraction Start Time : 08:35

Weigh By: EH

Extraction By: RJ

Extraction End Date : 05/05/2025

Balance check: RJ

Filter By: RJ

Extraction End Time : 11:35

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : RUPESH

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

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 500 PPB             | PP24285             |
| Surrogate     | 1.0ML    | 200 PPB             | PP24460             |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |

| Chemical Used              | ML/SAMPLE USED | Lot Number |
|----------------------------|----------------|------------|
| Hexane/Acetone/1:1         | N/A            | EP2601     |
| Baked Na2SO4               | N/A            | EP2607     |
| Sand                       | N/A            | E2865      |
| Hexane                     | N/A            | E3928      |
| Florisil                   | N/A            | E3806      |
| 9:1 Hexane:Acetone Mixture | N/A            | EP2596     |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |
| N/A                        | N/A            | N/A        |

## Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS723.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 5/5/25      | RS (Ext Lab)                            | Y-P. Pest IPUS       |
| 11:40       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 05/05/2025

| Sample ID       | Client Sample ID  | Test          | g/ mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|-------------------|---------------|-------|-----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                   |               |       |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB167854BL      | PBLK854           | Pesticide-TCL | 30.02 | N/A | ritesh         | Evelyn     | 10                 |       |          | U1-1        |
| PB167854BS      | PLCS854           | Pesticide-TCL | 30.03 | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q1936-01        | SMALL-PILE-A      | Pesticide-TCL | 30.04 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 3           |
| Q1936-01MS      | SMALL-PILE-AMS    | Pesticide-TCL | 30.07 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 4           |
| Q1936-01MS<br>D | SMALL-PILE-AMSD   | Pesticide-TCL | 30.05 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 5           |
| Q1936-03        | SMALL-PILE-B      | Pesticide-TCL | 30.05 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 6           |
| Q1936-05        | SMALL-PILE-C      | Pesticide-TCL | 30.03 | N/A | ritesh         | Evelyn     | 10                 | B     |          | U2-1        |
| Q1936-07        | SMALL-PILE-D      | Pesticide-TCL | 30.06 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 2           |
| Q1937-01        | LARGE-PILE-A      | Pesticide-TCL | 30.06 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 3           |
| Q1937-03        | LARGE-PILE-B      | Pesticide-TCL | 30.05 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 4           |
| Q1937-05        | LARGE-PILE-C      | Pesticide-TCL | 30.01 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 5           |
| Q1937-07        | LARGE-PILE-D      | Pesticide-TCL | 30.08 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 6           |
| Q1937-09        | LARGE-PILE-E      | Pesticide-TCL | 30.03 | N/A | ritesh         | Evelyn     | 10                 | B     |          | U3-1        |
| Q1937-11        | LARGE-PILE-F      | Pesticide-TCL | 30.05 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 2           |
| Q1938-01        | LOWER-WALL-PILE-A | Pesticide-TCL | 30.02 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 3           |
| Q1938-03        | LOWER-WALL-PILE-B | Pesticide-TCL | 30.08 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 4           |
| Q1938-05        | LOWER-WALL-PILE-C | Pesticide-TCL | 30.07 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 5           |
| Q1938-07        | LOWER-WALL-PILE-D | Pesticide-TCL | 30.05 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 6           |
| Q1946-01        | BB-CONCRETE       | Pesticide-TCL | 30.04 | N/A | ritesh         | Evelyn     | 10                 | E     | Concrete | U7-1        |
| Q1947-01        | MH-P              | Pesticide-TCL | 30.02 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 2           |
| Q1947-05        | MH-O              | Pesticide-TCL | 30.06 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q1951-01        | MH-KK             | Pesticide-TCL | 30.01 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |
| Q1952-01        | CLEAN-FILL        | Pesticide-TCL | 30.05 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 5           |



12-85-11  
23-08-21

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1836P      WorkList ID : 189299      Department : Extraction      Date : 05-05-2025 08:30:06

| Sample   | Customer Sample   | Matrix | Test          | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-------------------|--------|---------------|--------------|----------|-----------------------------|--------------|--------|
| Q1936-01 | SMALL-PILE-A      | Solid  | Pesticide-TCL | Cool 4 deg C | SAXT01   | L51                         | 05/01/2025   | 8081B  |
| Q1936-03 | SMALL-PILE-B      | Solid  | Pesticide-TCL | Cool 4 deg C | SAXT01   | L51                         | 05/01/2025   | 8081B  |
| Q1936-05 | SMALL-PILE-C      | Solid  | Pesticide-TCL | Cool 4 deg C | SAXT01   | L51                         | 05/01/2025   | 8081B  |
| Q1936-07 | SMALL-PILE-D      | Solid  | Pesticide-TCL | Cool 4 deg C | SAXT01   | L51                         | 05/01/2025   | 8081B  |
| Q1937-01 | LARGE-PILE-A      | Solid  | Pesticide-TCL | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | 8081B  |
| Q1937-03 | LARGE-PILE-B      | Solid  | Pesticide-TCL | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | 8081B  |
| Q1937-05 | LARGE-PILE-C      | Solid  | Pesticide-TCL | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | 8081B  |
| Q1937-07 | LARGE-PILE-D      | Solid  | Pesticide-TCL | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | 8081B  |
| Q1937-09 | LARGE-PILE-E      | Solid  | Pesticide-TCL | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | 8081B  |
| Q1937-11 | LARGE-PILE-F      | Solid  | Pesticide-TCL | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | 8081B  |
| Q1938-01 | LOWER-WALL-PILE-A | Solid  | Pesticide-TCL | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | 8081B  |
| Q1938-03 | LOWER-WALL-PILE-B | Solid  | Pesticide-TCL | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | 8081B  |
| Q1938-05 | LOWER-WALL-PILE-C | Solid  | Pesticide-TCL | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | 8081B  |
| Q1938-07 | LOWER-WALL-PILE-D | Solid  | Pesticide-TCL | Cool 4 deg C | SAXT01   | L41                         | 05/01/2025   | 8081B  |
| Q1946-01 | BB-CONCRETE       | Solid  | Pesticide-TCL | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | 8081B  |
| Q1947-01 | MH-P              | Solid  | Pesticide-TCL | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | 8081B  |
| Q1947-05 | MH-O              | Solid  | Pesticide-TCL | Cool 4 deg C | PSEG03   | L41                         | 05/02/2025   | 8081B  |
| Q1951-01 | MH-KK             | Solid  | Pesticide-TCL | Cool 4 deg C | PSEG03   | L31                         | 05/02/2025   | 8081B  |
| Q1952-01 | CLEAN-FILL        | Solid  | Pesticide-TCL | Cool 4 deg C | PSEG03   | L21                         | 05/02/2025   | 8081B  |

Date/Time 05/05/25 8:30  
Raw Sample Received by: R3 KGA-(26)  
Raw Sample Relinquished by: [Signature]

Date/Time 05/05/25 9:00  
Raw Sample Received by: [Signature]  
Raw Sample Relinquished by: R3 KGA-(26)

## Prep Standard - Chemical Standard Summary

**Order ID :** Q1937

**Test :** Pesticide-TCL

**Prepbatch ID :** PB167854,

**Sequence ID/Qc Batch ID:** pl050625,

**Standard ID :**

EP2601,EP2607,PP24095,PP24255,PP24256,PP24257,PP24258,PP24259,PP24260,PP24261,PP24262,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284,PP24285,PP24329,PP24433,PP24460,

**Chemical ID :**

E2865,E3551,E3806,E3847,E3876,E3877,E3914,E3916,E3917,E3928,P12603,P12611,P13037,P13040,P13195,P13245,P13355,P13356,P13405,P13785,P13861,P9052,W3177,

## 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> |
|------------------|-------------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 230              | 1:1ACETONE/HEXANE | <a href="#">EP2601</a> | 04/07/2025       | 10/03/2025             | Rajesh Parikh      | None           | None             | Riteshkumar Patel    |
|                  |                   |                        |                  |                        |                    |                |                  | 04/07/2025           |

**FROM** 8000.00000ml of E3916 + 8000.00000ml of E3917 = Final Quantity: 8000.000 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> |
|------------------|----------------------|------------------------|------------------|------------------------|----------------------|------------------------|------------------|----------------------|
| 3923             | Baked Sodium Sulfate | <a href="#">EP2607</a> | 04/25/2025       | 07/01/2025             | RUPESEKUMA<br>R SHAH | Extraction_SC<br>ALE_2 | None             | Riteshkumar Patel    |
|                  |                      |                        |                  |                        |                      | (EX-SC-2)              |                  | 04/25/2025           |

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

## 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> |
|------------------|-----------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 4027             | Pesticide resolution Check Mixture 8081 | <a href="#">PP24095</a> | 12/23/2024       | 06/16/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                         |                         |                  |                        |                    |                |                  | 12/30/2024           |

**FROM** 1.00000ml of P13245 + 99.00000ml of E3847 = 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> |
|------------------|---------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 84               | Pest/PCB Surrogate Stock 20 PPM | <a href="#">PP24255</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                 |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 1.00000ml of P13785 + 9.00000ml of E3877 = 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> |
|------------------|-----------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3629             | 20 PPM PEST stock Solution 1st source(RESTEK) | <a href="#">PP24256</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                               |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 1.00000ml of P13040 + 9.00000ml of E3877 = 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> |
|------------------|---------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1472             | 20 PPM Pest Stock Solution 2nd Source | <a href="#">PP24257</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                       |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 1.00000ml of P13037 + 9.00000ml of E3877 = Final Quantity: 10.000 ml



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

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

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



[illegible]

| <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="#">PP24261</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani<br>03/12/2025 |
| <b><u>FROM</u></b> 98.50000ml of E3877 + 0.50000ml of PP24255 + 0.50000ml of PP24257 + 0.50000ml of PP24259 = 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> |
|------------------|-------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 386              | 1000/100 PPB Chlordane STD (Restek) | <a href="#">PP24262</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                     |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.10000ml of P12603 + 99.40000ml of E3877 + 0.50000ml of PP24255 = 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> |
|------------------|----------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3746             | 1000/100 ppb Chlordane STD-RESTEK 2ND SOURCE | <a href="#">PP24266</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                              |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.10000ml of P12611 + 99.40000ml of E3877 + 0.50000ml of PP24255 = 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> |
|------------------|-------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 383              | 1000/100 PPB Toxaphene STD (Restek) | <a href="#">PP24267</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                     |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.10000ml of P13405 + 99.40000ml of E3877 + 0.50000ml of PP24255 = 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> |
|------------------|------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3669             | 1000/100 PPB TOXAPHENE STD 2nd source (RESTEK) | <a href="#">PP24268</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                                |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.10000ml of P13861 + 99.40000ml of E3877 + 0.50000ml of PP24255 = 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> |
|------------------|------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3631             | 75 PPB ICAL PEST STD(RESTEK) | <a href="#">PP24269</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                              |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.75000ml of E3877 + 0.25000ml of PP24260 = 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> |
|------------------|------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3632             | 50 PPB ICAL PEST STD(RESTEK) | <a href="#">PP24270</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                              |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.50000ml of E3877 + 0.50000ml of PP24260 = 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> |
|------------------|------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3633             | 25 PPB ICAL PEST STD(RESTEK) | <a href="#">PP24271</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                              |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.75000ml of E3877 + 0.25000ml of PP24260 = 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> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3634             | 5 PPB ICAL PEST STD(RESTEK) | <a href="#">PP24272</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                             |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.90000ml of E3877 + 0.10000ml of PP24270 = 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="#">PP24273</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                             |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.50000ml of E3877 + 0.50000ml of PP24261 = 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> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 528              | CHLOR 750 PPB STD | <a href="#">PP24274</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                   |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.25000ml of E3877 + 0.75000ml of PP24262 = 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> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 529              | CHLOR 500 PPB STD | <a href="#">PP24275</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                   |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.50000ml of E3877 + 0.50000ml of PP24262 = 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> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 530              | CHLOR 250 PPB STD | <a href="#">PP24277</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                   |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.75000ml of E3877 + 0.25000ml of PP24262 = 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> |
|------------------|------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3408             | CHLOR 50 PPB STD | <a href="#">PP24278</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                  |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.90000ml of E3877 + 0.10000ml of PP24275 = 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> |
|------------------|-----------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 532              | CHLOR 500 PPB ICV STD | <a href="#">PP24279</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                       |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.50000ml of E3877 + 0.50000ml of PP24266 = 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> |
|------------------|-----------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 533              | TOX 750 PPB STD | <a href="#">PP24280</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                 |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.25000ml of E3877 + 0.75000ml of PP24267 = 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="#">PP24281</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                 |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.50000ml of E3877 + 0.50000ml of PP24267 = 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> |
|------------------|-----------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 535              | TOX 250 PPB STD | <a href="#">PP24282</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                 |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.75000ml of E3877 + 0.25000ml of PP24267 = 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> |
|------------------|-----------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 2217             | TOX 100 PPB STD | <a href="#">PP24283</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                 |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.90000ml of E3877 + 0.10000ml of PP24267 = 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="#">PP24284</a> | 03/11/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                               |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 0.50000ml of E3877 + 0.50000ml of PP24268 = 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> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 79               | 500 PPB Pesticide Spike Solution | <a href="#">PP24285</a> | 03/12/2025       | 08/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                  |                         |                  |                        |                    |                |                  | 03/12/2025           |

**FROM** 95.00000ml of E3876 + 2.50000ml of PP24257 + 2.50000ml of PP24259 = 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="#">PP24329</a> | 03/18/2025       | 08/22/2025             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                 |                         |                  |                        |                    |                |                  | 04/03/2025           |

**FROM** 1.00000ml of P13356 + 9.00000ml of W3177 = 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> |
|------------------|-----------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 518              | Pest/PCB I.BLK 20 PPB | <a href="#">PP24433</a> | 03/31/2025       | 08/22/2025             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                       |                         |                  |                        |                    |                |                  | 04/02/2025           |

**FROM** 99.90000ml of E3914 + 0.10000ml of PP24329 = 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="#">PP24460</a> | 04/11/2025       | 10/03/2025             | Abdul Mirza        | None           | None             | Yogesh Patel         |
| <b><u>FROM</u></b> 1.00000ml of P13355 + 999.00000ml of E3917 = Final Quantity: 1000.000 ml |                                  |                         |                  |                        |                    |                |                  |                      |

## CHEMICAL RECEIPT LOG BOOK

| Supplier         | ItemCode / ItemName                      | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-3382-05 / Sand, Purified (cs/4x2.5kg) | 0000243821 | 06/30/2025      | 04/30/2020 / RAJESH     | 04/28/2020 / RAJESH         | E2865          |

| 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 | 07/01/2025      | 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 # |
|-------------------------|--------------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Agela Technologies Inc. | FS0006 / Cleanert Florisil cartridge | M06518 | 09/25/2025      | 10/01/2024 / Rajesh     | 09/25/2024 / Rajesh         | E3806          |

| 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 | 06/16/2025      | 12/16/2024 / Rajesh     | 12/13/2024 / Rajesh         | E3847          |

| 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) | 24H2762008 | 08/25/2025      | 02/25/2025 /            | 02/12/2025 / Rajesh         | E3876          |

| 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) | 243570 | 08/12/2025      | 02/12/2025 / Rajesh     | 02/12/2025 / Rajesh         | E3877          |

## 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) | 243570 | 09/19/2025      | 03/19/2025 / RUPESH     | 03/13/2025 / RUPESH         | E3914          |

| 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) | 243570 | 10/03/2025      | 04/03/2025 / Rajesh     | 03/31/2025 / Rajesh         | E3916          |

| 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) | 24H2762008 | 10/03/2025      | 04/03/2025 / Rajesh     | 03/31/2025 / Rajesh         | E3917          |

| 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) | 25C0362005 | 10/22/2025      | 04/18/2025 / RUPESH     | 04/16/2025 / RUPESH         | E3928          |

| Supplier | ItemCode / ItemName    | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32021 / Chlordane Std. | A0197993 | 09/11/2025      | 03/10/2025 / Abdul      | 07/03/2023 / Abdul          | P12603         |

| Supplier | ItemCode / ItemName    | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32021 / Chlordane Std. | A0193299 | 09/09/2025      | 03/10/2025 / Abdul      | 07/03/2023 / Abdul          | P12611         |

## CHEMICAL RECEIPT LOG BOOK

| 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 | 09/10/2025      | 03/10/2025 / Abdul      | 12/26/2023 / Abdul          | P13037         |

| 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 | 09/10/2025      | 03/10/2025 / Abdul      | 12/26/2023 / Abdul          | P13040         |

| Supplier                 | ItemCode / ItemName       | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|---------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | 79136 / Mirex, 1000 ug/ml | 042022 | 09/10/2025      | 03/10/2025 / Abdul      | 01/17/2024 / Abdul          | P13195         |

| 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 | 06/23/2025      | 12/23/2024 / Abdul      | 02/09/2024 / Abdul          | P13245         |

| 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 | 10/11/2025      | 04/11/2025 / Abdul      | 04/22/2024 / Abdul          | P13355         |

| 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 | 09/18/2025      | 03/18/2025 / yogesh     | 04/22/2024 / Abdul          | P13356         |



## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName        | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32005 / Toxaphene Standard | A0203038 | 09/09/2025      | 03/10/2025 / Abdul      | 05/15/2024 / Abdul          | P13405         |

| 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 | A0214495 | 09/10/2025      | 03/10/2025 / Abdul      | 11/19/2024 / Ankita         | P13785         |

| Supplier | ItemCode / ItemName        | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32005 / Toxaphene Standard | A0210240 | 09/10/2025      | 03/10/2025 / Abdul      | 12/09/2024 / Abdul          | P13861         |

| Supplier                 | ItemCode / ItemName       | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|---------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | 79136 / Mirex, 1000 ug/ml | 112018 | 09/10/2025      | 03/10/2025 / Abdul      | 11/01/2019 / Stephen        | P9052          |

| 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 | 08/22/2025      | 02/03/2025 / jignesh    | 01/31/2025 / jignesh        | W3177          |

Sand  
Purified  
Washed and Ignited



Material No.: 3382-05  
Batch No.: 0000243821  
Manufactured Date: 2018/04/09  
Retest Date: 2025/04/07  
Revision No: 1

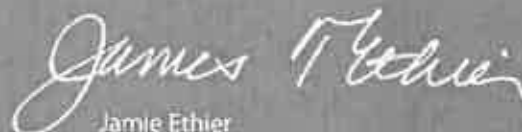
## Certificate of Analysis

| Test                      | Specification | Result |
|---------------------------|---------------|--------|
| Substances Soluble in HCl | $\leq 0.16\%$ | 0.01   |

For Laboratory, Research or Manufacturing Use  
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US  
Packaging Site: Paris Mfg Ctr & DC

E 2865

  
Jamie Ethier  
Vice President Global Quality

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



**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

**Cleanert Florisil**

1g/6ml 30/pkg

固相萃取产品

LOT#: M06518

MFG#: F04074



Made in China

**CAT# FS0006**

 Agela Technologies

E 3806



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)            | ≤ 5           | 3           |
| 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     | 0.1 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 12/13/24

E3847



Jamie Croak  
Director Quality Operations, Bioscience Production

## Certificate of Analysis

1 Reagent Lane  
 Fair Lawn, NJ 07410  
 201.796.7100 tel  
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System  
 Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

|                   |                                                                                                                                                                                                   |                             |            |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------|
| Catalog Number    | H303                                                                                                                                                                                              | Quality Test / Release Date | 11/07/2024 |
| Lot Number        | 243570                                                                                                                                                                                            |                             |            |
| Description       | HEXANES - OPTIMA                                                                                                                                                                                  |                             |            |
| Country of Origin | United States                                                                                                                                                                                     | Suggested Retest Date       | Nov/2029   |
| Chemical Origin   | Organic - non animal                                                                                                                                                                              |                             |            |
| BSE/TSE Comment   | No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product. |                             |            |

| N/A                         |            |                                 |                         |
|-----------------------------|------------|---------------------------------|-------------------------|
| Result Name                 | Units      | Specifications                  | Test Value              |
| APPEARANCE                  |            | REPORT                          | Clear, colorless liquid |
| ASSAY (N-HEXANE)            | %          | >= 60                           | 69                      |
| ASSAY (SUM C6 HYDROCARBONS) | %          | >= 99.9                         | >99.9                   |
| COLOR                       | APHA       | <= 5                            | <5                      |
| DENSITY AT 25 DEGREES C     | GM/ML      | Inclusive Between 0.653 - 0.673 | 0.669                   |
| EVAPORATION RESIDUE         | ppm        | <= 1                            | <1                      |
| FLUORESCENCE BACKGROUND     | ppb        | <= 1                            | <1                      |
| IDENTIFICATION              | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| OPTICAL ABS AT 195 NM       | ABS. UNITS | <= 1                            | 0.74                    |
| OPTICAL ABS AT 210 NM       | ABS. UNITS | <= 0.25                         | 0.17                    |
| OPTICAL ABS AT 220 NM       | ABS. UNITS | <= 0.07                         | 0.05                    |
| OPTICAL ABS AT 254 NM       | ABS. UNITS | <= 0.005                        | 0.001                   |
| PESTICIDE RESIDUE ANALYSIS  | NG/L       | <= 10                           | <10                     |
| REFRACTIVE INDEX @ 25 DEG C |            | Inclusive Between 1.375 - 1.385 | 1.379                   |
| SUITABILITY FOR GC/MS       |            | = PASS TEST                     | PASS TEST               |
| SULFUR COMPOUNDS            | %          | <= 0.005                        | <0.005                  |
| THIOPHENE                   | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| WATER (H2O)                 | %          | <= 0.01                         | <0.01                   |
| WATER-SOLUBLE TITRABLE ACID | MEQ/G      | <= 0.0003                       | 0.0001                  |

Recd. by RP on 2/12/25

 E3877

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.

If there are any questions with this certificate, please call at (800) 227-6701.

\*Based on suggested storage condition.

## Certificate of Analysis

1 Reagent Lane  
 Fair Lawn, NJ 07410  
 201.796.7100 tel  
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System  
 Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

|                   |                                                                                                                                                                                                   |                             |            |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------|
| Catalog Number    | H303                                                                                                                                                                                              | Quality Test / Release Date | 11/07/2024 |
| Lot Number        | 243570                                                                                                                                                                                            |                             |            |
| Description       | HEXANES - OPTIMA                                                                                                                                                                                  |                             |            |
| Country of Origin | United States                                                                                                                                                                                     | Suggested Retest Date       | Nov/2029   |
| Chemical Origin   | Organic - non animal                                                                                                                                                                              |                             |            |
| BSE/TSE Comment   | No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product. |                             |            |

| N/A                         |            |                                 |                         |
|-----------------------------|------------|---------------------------------|-------------------------|
| Result Name                 | Units      | Specifications                  | Test Value              |
| APPEARANCE                  |            | REPORT                          | Clear, colorless liquid |
| ASSAY (N-HEXANE)            | %          | >= 60                           | 69                      |
| ASSAY (SUM C6 HYDROCARBONS) | %          | >= 99.9                         | >99.9                   |
| COLOR                       | APHA       | <= 5                            | <5                      |
| DENSITY AT 25 DEGREES C     | GM/ML      | Inclusive Between 0.653 - 0.673 | 0.669                   |
| EVAPORATION RESIDUE         | ppm        | <= 1                            | <1                      |
| FLUORESCENCE BACKGROUND     | ppb        | <= 1                            | <1                      |
| IDENTIFICATION              | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| OPTICAL ABS AT 195 NM       | ABS. UNITS | <= 1                            | 0.74                    |
| OPTICAL ABS AT 210 NM       | ABS. UNITS | <= 0.25                         | 0.17                    |
| OPTICAL ABS AT 220 NM       | ABS. UNITS | <= 0.07                         | 0.05                    |
| OPTICAL ABS AT 254 NM       | ABS. UNITS | <= 0.005                        | 0.001                   |
| PESTICIDE RESIDUE ANALYSIS  | NG/L       | <= 10                           | <10                     |
| REFRACTIVE INDEX @ 25 DEG C |            | Inclusive Between 1.375 - 1.385 | 1.379                   |
| SUITABILITY FOR GC/MS       |            | = PASS TEST                     | PASS TEST               |
| SULFUR COMPOUNDS            | %          | <= 0.005                        | <0.005                  |
| THIOPHENE                   | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| WATER (H2O)                 | %          | <= 0.01                         | <0.01                   |
| WATER-SOLUBLE TITRABLE ACID | MEQ/G      | <= 0.0003                       | 0.0001                  |

Recd by RS on 3/14/25



E3914

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.  
 If there are any questions with this certificate, please call at (800) 227-6701.

\*Based on suggested storage condition.

## Certificate of Analysis

1 Reagent Lane  
 Fair Lawn, NJ 07410  
 201.796.7100 tel  
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System  
 Standard ISO9001:2015 by SAI Global Certificate Number CERT - 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

|                   |                                                                                                                                                                                                   |                             |            |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------|
| Catalog Number    | H303                                                                                                                                                                                              | Quality Test / Release Date | 11/07/2024 |
| Lot Number        | 243570                                                                                                                                                                                            |                             |            |
| Description       | HEXANES - OPTIMA                                                                                                                                                                                  |                             |            |
| Country of Origin | United States                                                                                                                                                                                     | Suggested Retest Date       | Nov/2029   |
| Chemical Origin   | Organic - non animal                                                                                                                                                                              |                             |            |
| BSE/TSE Comment   | No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product. |                             |            |

N/A

| Result Name                 | Units      | Specifications                  | Test Value              |
|-----------------------------|------------|---------------------------------|-------------------------|
| APPEARANCE                  |            | REPORT                          | Clear, colorless liquid |
| ASSAY (N-HEXANE)            | %          | >= 60                           | 69                      |
| ASSAY (SUM C6 HYDROCARBONS) | %          | >= 99.9                         | >99.9                   |
| COLOR                       | APHA       | <= 5                            | <5                      |
| DENSITY AT 25 DEGREES C     | GM/ML      | Inclusive Between 0.653 - 0.673 | 0.669                   |
| EVAPORATION RESIDUE         | ppm        | <= 1                            | <1                      |
| FLUORESCENCE BACKGROUND     | ppb        | <= 1                            | <1                      |
| IDENTIFICATION              | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| OPTICAL ABS AT 195 NM       | ABS. UNITS | <= 1                            | 0.74                    |
| OPTICAL ABS AT 210 NM       | ABS. UNITS | <= 0.25                         | 0.17                    |
| OPTICAL ABS AT 220 NM       | ABS. UNITS | <= 0.07                         | 0.05                    |
| OPTICAL ABS AT 254 NM       | ABS. UNITS | <= 0.005                        | 0.001                   |
| PESTICIDE RESIDUE ANALYSIS  | NG/L       | <= 10                           | <10                     |
| REFRACTIVE INDEX @ 25 DEG C |            | Inclusive Between 1.375 - 1.385 | 1.379                   |
| SUITABILITY FOR GC/MS       |            | = PASS TEST                     | PASS TEST               |
| SULFUR COMPOUNDS            | %          | <= 0.005                        | <0.005                  |
| THIOPHENE                   | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| WATER (H2O)                 | %          | <= 0.01                         | <0.01                   |
| WATER-SOLUBLE TITRABLE ACID | MEQ/G      | <= 0.0003                       | 0.0001                  |

*Harout Sahagian*

Harout Sahagian - Quality Control Manager - Fair Lawn

Recd by RP on 3/31/25

E 3946

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.  
 If there are any questions with this certificate, please call at (800) 227-6701.  
 \*Based on suggested storage condition.



Acetone

BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H2762008

Manufactured Date: 2024-04-18

Expiration Date: 2027-04-18

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 %     | 100.0 %     |
| Color (APHA)                                                            | <= 10         | 5           |
| Residue after Evaporation                                               | <= 1.0 ppm    | 0.0 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 %      | <0.1 %      |
| 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 03/31/25

E3917

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

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

 **avantors<sup>™</sup>**



Material No.: 9262-03

Batch No.: 25C0362005

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

## Certificate of Analysis

| Test                                                                           | Specification  | Result      |
|--------------------------------------------------------------------------------|----------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)           | $\leq 5$       | 1           |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)            | $\leq 10$      | 6           |
| ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL) | $\leq 5$       | 5           |
| Assay (Total Saturated C <sub>6</sub> Isomers) (by GC, corrected for water)    | $\geq 99.5 \%$ | 100.0 %     |
| Assay (as n-Hexane) (by GC, corrected for water)                               | $\geq 95 \%$   | 100 %       |
| Color (APHA)                                                                   | $\leq 10$      | 10          |
| 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: United States  
Packaging Site: Phillipsburg Mfg Ctr & DC

E3928



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 U.S.

**RESTEK**

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. :** 32021 **Lot No.:** A0193299  
**Description :** Chlordane Standard  
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul  
**Container Size :** 2 mL **Pkg Amt:** > 1 mL  
**Expiration Date :** April 30, 2029 **Storage:** 10°C or colder  
**Ship:** Ambient

P12616  
↓  
P12615  
Five  
7/3/2023

**CERTIFIED VALUES**

| Elution Order | Compound                                                              | CAS #   | Lot #  | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|-----------------------------------------------------------------------|---------|--------|--------|-----------------------------|----------------------------------------|
| 1             | Chlordane<br>10% trans-Chlordane; 9% cis-Chlordane; 81% other isomers | 57-74-9 | 978545 | —%     | 1,010.0 µg/mL               | +/- 56.0475                            |

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

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

**Tech Tips:**

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

## 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:**

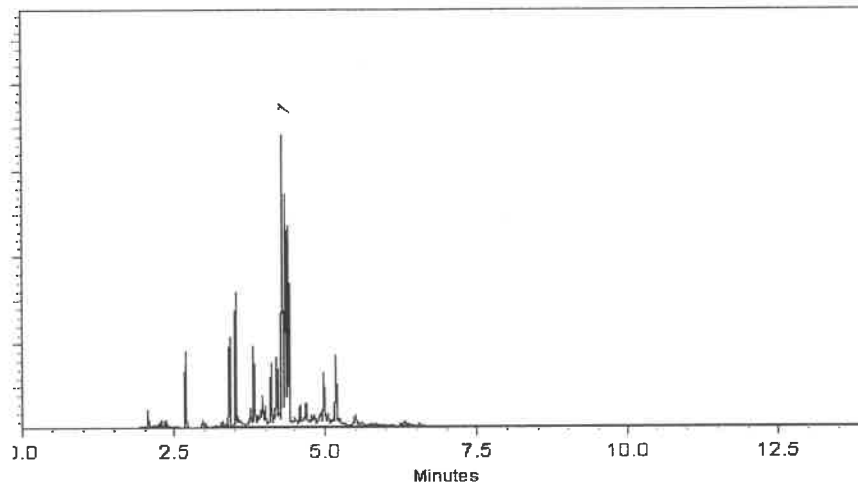
ECD

**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.

*Bryan Snyder*  
Bryan Snyder - Operations Tech I

Date Mixed: 06-Jan-2023

Balance Serial # B442140311

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

Date Passed: 09-Jan-2023

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

*CRm*  
P12611  
↓  
P12615  
⑤  
*CRout*  
7/3/2023



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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. : 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.)

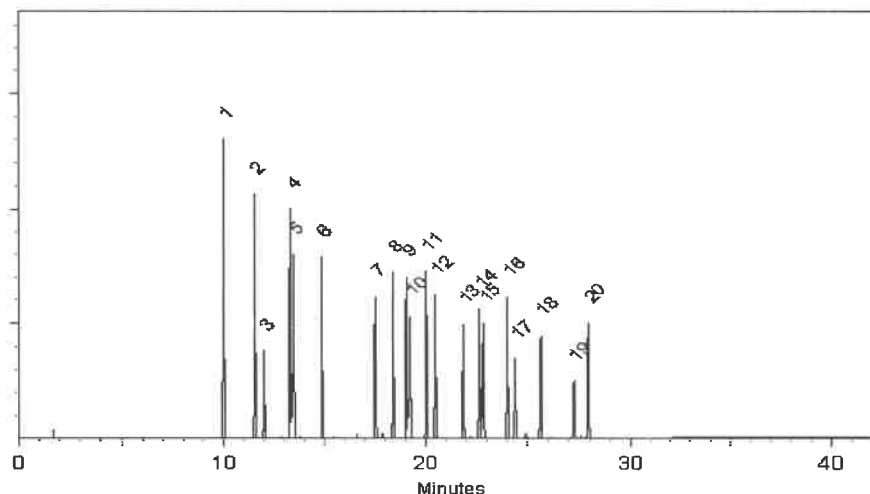
**Inj. Temp:**  
 200°C

**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 WEIGHT REPORT**

**Part Number:** 79136  
**Lot Number:** 042022  
**Description:** Mirex

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

**Expiration Date:** 04/2027  
**Recommended Storage:** Refrigerate (4 °C)  
**Nominal Concentration (µg/mL):** 1000  
**NIST Test ID#:** 6UTB

**SE-05 Balance Uncertainty**  
**0.006 Flask Uncertainty**

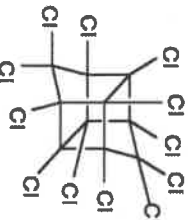
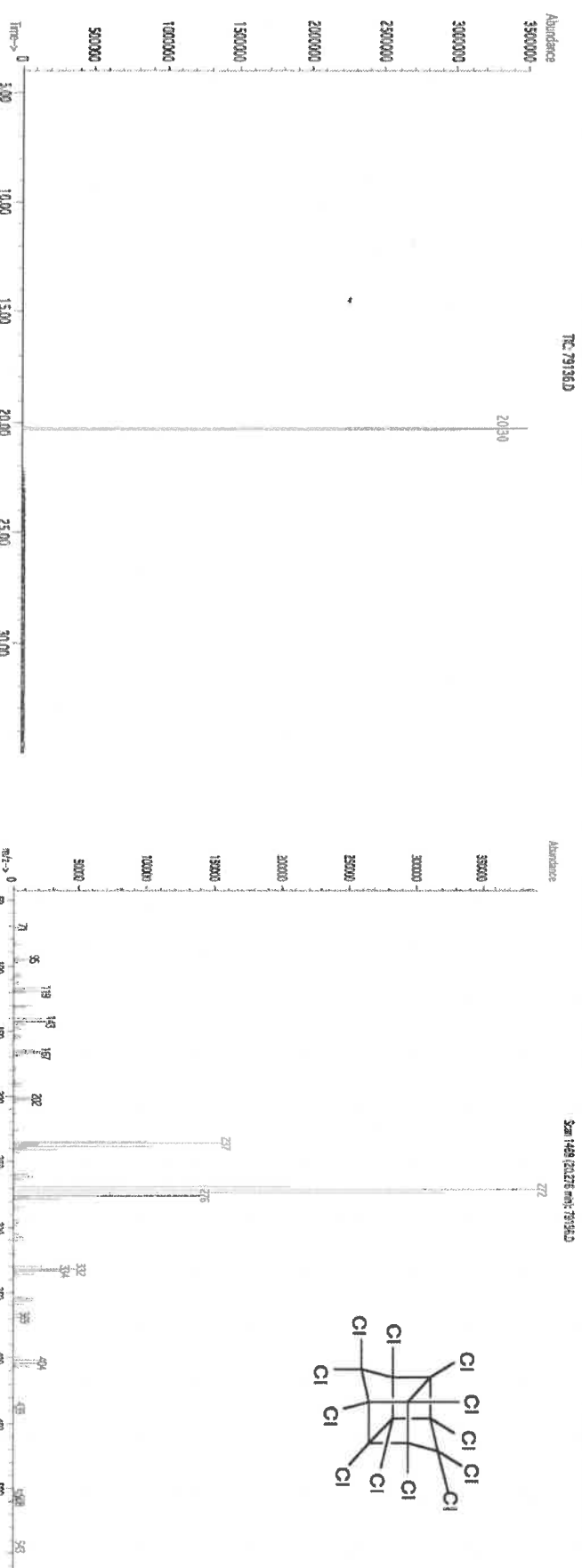
**Weight(s) shown below were combined and diluted to (mL):** 50.0

|                                               |                     |
|-----------------------------------------------|---------------------|
| <b>Formulated By:</b> <i>Prashant Chauhan</i> | <b>DATE</b> 04/2022 |
| <b>Reviewed By:</b> <i>Pedro L. Renteria</i>  | <b>DATE</b> 04/2022 |

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

1. Mirex 437 9492400 1000 99.4 0.5 0.05034 0.05040 1001.1 10.3 2385-85-5 N/A or-rel: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.



*Handwritten notes:*  
P13195  
P13199  
5  
01/17/2024

- 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, sample, 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).







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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. : 32021 Lot No.: A0197993  
Description : Chlordane Standard  
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul  
Container Size : 2 mL Pkg Amt: > 1 mL  
Expiration Date : August 31, 2029 Storage: 10°C or colder  
Ship: Ambient

P 12603  
↓  
P 12605  
3  
Kauf  
7/3/2023

### CERTIFIED VALUES

| Elution Order | Compound                                                              | CAS #   | Lot #  | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|-----------------------------------------------------------------------|---------|--------|--------|-----------------------------|----------------------------------------|
| 1             | Chlordane<br>10% trans-Chlordane; 9% cis-Chlordane; 81% other isomers | 57-74-9 | 978545 | ----%  | 1,005.0 µg/mL               | +/- 55.7700                            |

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

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

### Tech Tips:

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

## 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:**

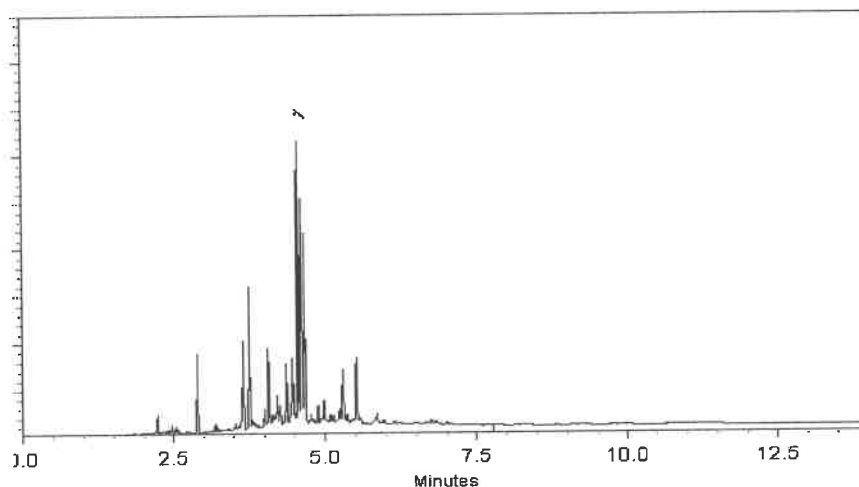
ECD

**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.

  
Morgan Craighead - Mix Technician

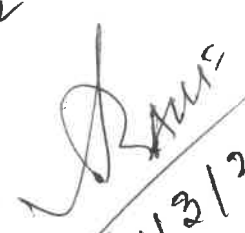
Date Mixed: 11-May-2023

Balance Serial # 1128360905

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

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

P 12603 } (3)  
↓  
P 12605  
  
7/3/2023



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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. :** 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.)

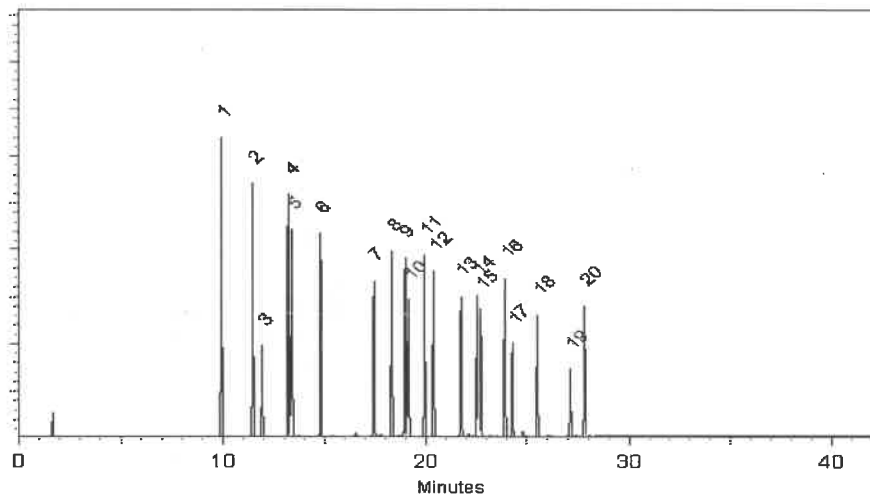
**Inj. Temp:**  
200°C

**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

Recommended Storage:

Refrigerate (4 °C)

Hexane

273615

(50%)

Nominal Concentration (µg/mL):

Varied

Toluene

28508

(50%)

NIST Test ID#:

6UTB

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

100.0

Balance Uncertainty  
Pipet Uncertainty

|                                      |  |        |
|--------------------------------------|--|--------|
| 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 Pipette (mL)

Initial Conc. (µg/mL)

Final Conc. (µg/mL)

Expanded Uncertainty (±) µg/mL

CAS#

OSHA PEL (TWA)

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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## 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  
↓  
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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:**

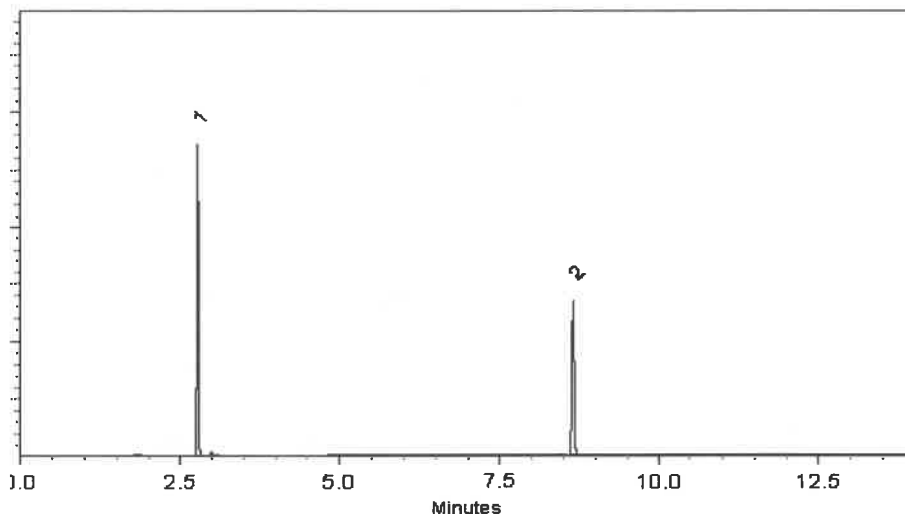
ECD

**Split Vent:**

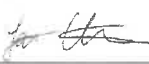
10 ml/min.

**Inj. Vol**

1µl

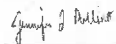


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

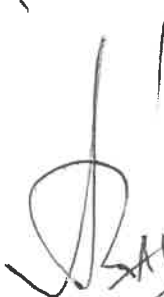
Balance Serial # 1128360905

  
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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SAUF  
04/25/2025



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Tel: 1-814-353-1300  
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:**

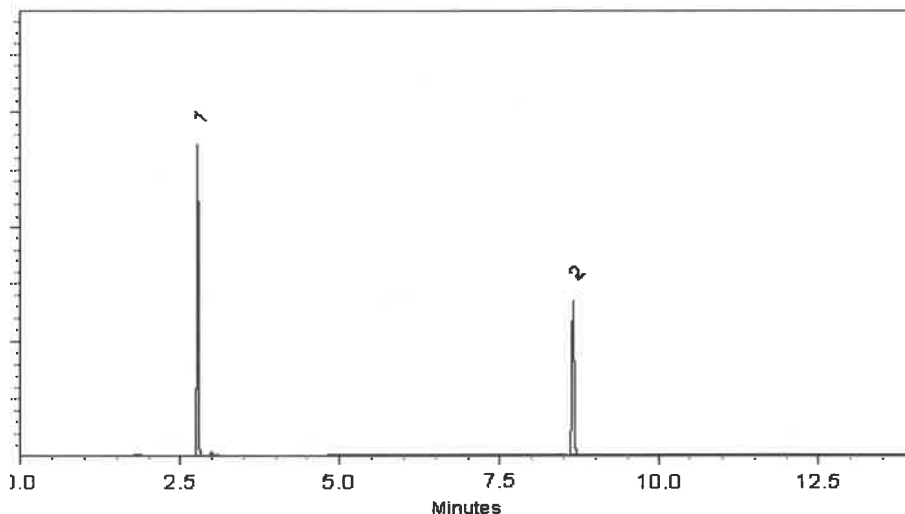
ECD

**Split Vent:**

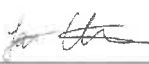
10 ml/min.

**Inj. Vol**

1µl

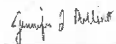


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

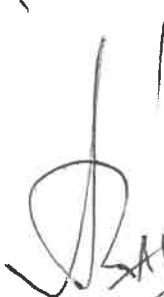
Balance Serial # 1128360905

  
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  
10

  
SAUF  
04/25/2025



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. :** 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:**

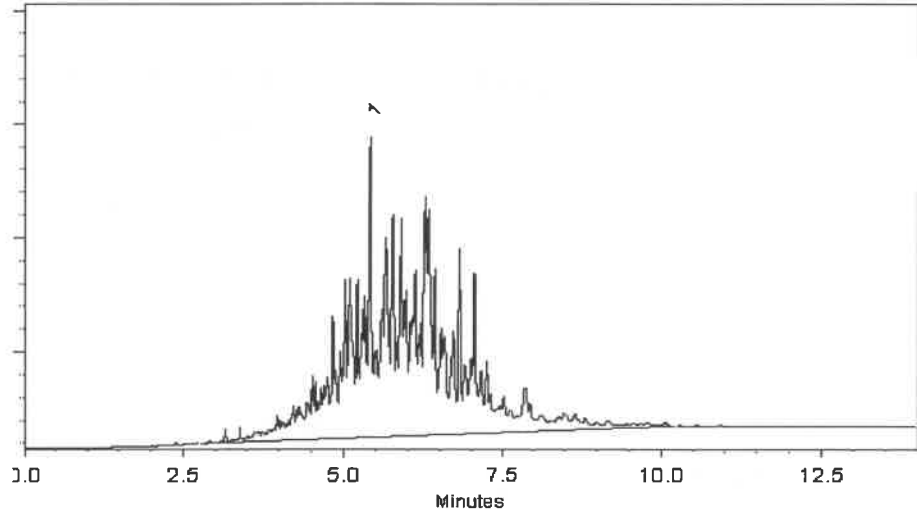
ECD

**Split Vent:**

300 ml/min.

**Inj. Vol**

0.2µl

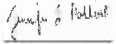


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
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



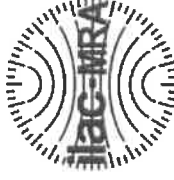
110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: 1-814-353-1300  
Fax: 1-814-353-1309

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. :** 32000      **Lot No.:** A0214495

**Description :** Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

**Expiration Date :** October 31, 2030      **Storage:** 10°C or colder

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

P19785  
AJ  
11/19/24  
P19789

### 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%    | 200.2 µg/mL                 | +/- 11.1087                            |
| 2             | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30679    | 99%    | 201.4 µg/mL                 | +/- 11.1753                            |

\* 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.)

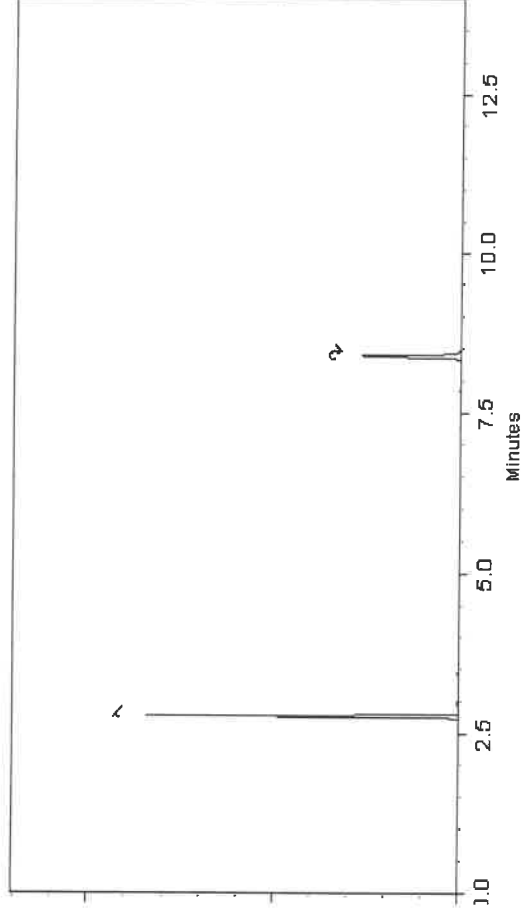
**Inj. Temp:**  
250°C

**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.

*A. O. P.*  
**Aaron Enyart - Operations Tech I**

**Date Mixed:** 29-Jul-2024      **Balance Serial #** B345965662

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

**Date Passed:** 01-Aug-2024

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



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. :** 32005 **Lot No.:** A0210240

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

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

**Expiration Date :** July 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 | ----%  | 1,009.3 µg/mL               | +/- 56.0105                            |

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

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

P13861  
P13862

12/9/2024

## 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:**

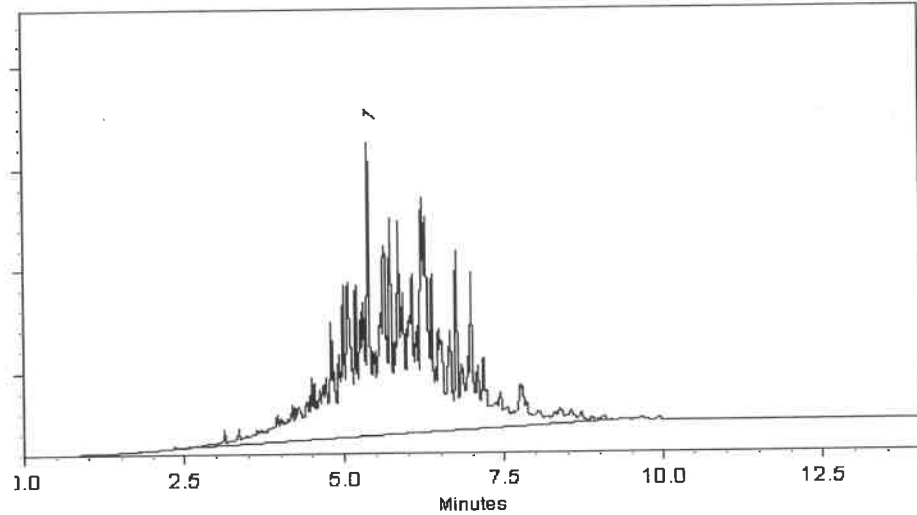
ECD

**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.

  
Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024

Balance Serial # B442140311

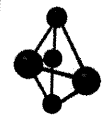
  
Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 26-Apr-2024

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

P13861 } ②  
P13862 }

  
12/9/2024



CERTIFIED WEIGHT REPORT

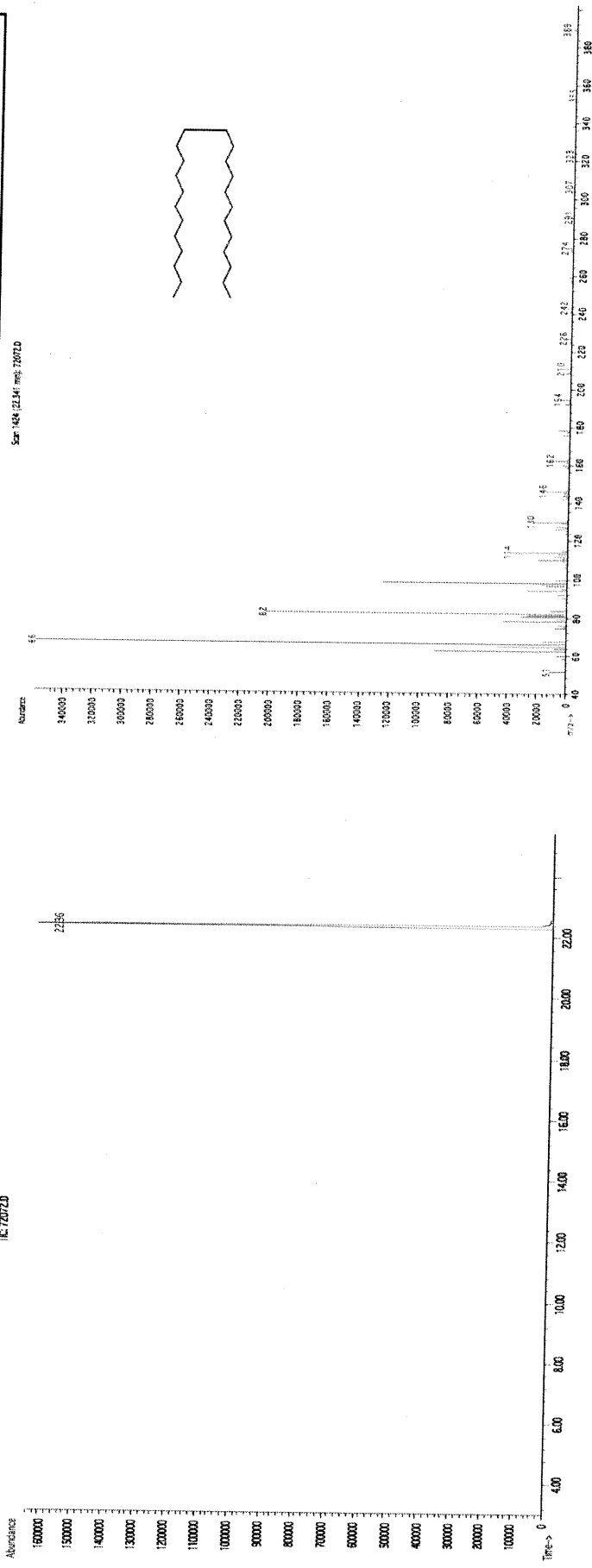
Part Number: **72072**  
Lot Number: **112018**  
Description: **n-Tetracosane-d50**  
  
Expiration Date: **112028**  
Recommended Storage: **Ambient (20 °C)**  
Nominal Concentration (µg/mL): **1000**  
NIST Test ID#: **2684186**  
  
Weight(s) shown below were combined and diluted to (mL):

Solvent(s): **Methylene chloride**  
Lot# **102669**  
  
*Received by*  
*SG on 11/11/19*  
*p9044-p9053*  
5E-05 Balance Uncertainty  
0.058 Flask Uncertainty

|                         |                  |
|-------------------------|------------------|
| <i>Prashant Chauhan</i> |                  |
| Formulated By:          | Prashant Chauhan |
| DATE                    | 112018           |
| <i>Pedro Rentas</i>     |                  |
| Reviewed By:            | Pedro Rentas     |
| DATE                    | 112018           |

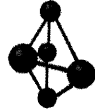
| Compound                                                                                                                                                                                                                                                     | RM#  | Lot Number        | Nominal Conc (µg/mL) | Purity (%) | Uncertainty | Target Weight (g) | Actual Weight (g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------|----------------------|------------|-------------|-------------------|-------------------|---------------------|------------------------------------|--------------------------------------------------------|
| 1. n-Tetracosane-d50                                                                                                                                                                                                                                         | 2072 | PR-17753/09216TC1 | 1000                 | 98         | 0.2         | 0.20411           | 0.20415           | 1000.2              | 4.2                                | 18416-32-3 N/A                                         |
| Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 250°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Candice Warren. |      |                   |                      |            |             |                   |                   |                     |                                    |                                                        |

TC 720720



• 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).  
• 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).





## Run 40, "P72072 L112018 [1000µg/mL in MeCl2]"

Run Length: 35.00 min, 20999 points at 10 points/second.

Created: Thu, Nov 22, 2018 at 7:23:18 AM.

Sampled: Sequence "112018-GC4M1", Method "GC4-M1".

Analyzed using Method "GC4-M1".

### Comments

GC4-M1 Analysis by Melissa Stonier

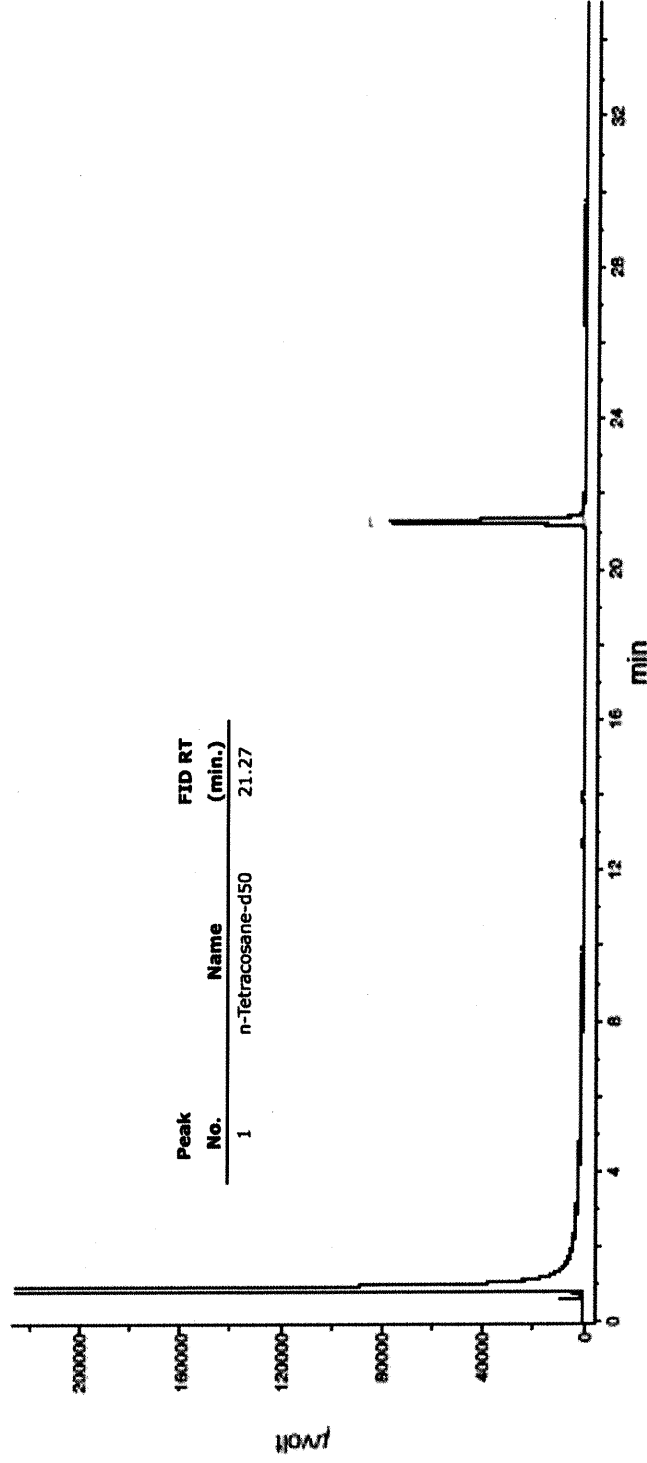
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5µm Film Thickness

Flow rates: Total Flow = 300 mL/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) = 360 mL

Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.

Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDAQ Channel 1.

Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 µL, Range = 3



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

avantor™



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

Jamie Croak  
Director Quality Operations, Bioscience Production



# SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Saxton Fall and Sand Gravel

PROJECT NAME: Stan Hope

BILL TO:

PO#:

ADDRESS: 3000 International Drive

PROJECT NO.: LOCATION:

ADDRESS:

CITY Budd Lake STATE: NJ ZIP:

PROJECT MANAGER:

CITY

STATE:

ZIP:

ATTENTION: Rich Schindler

e-mail:

ATTENTION:

PHONE:

PHONE:

FAX:

PHONE:

FAX:

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

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

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

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

\*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B  
+ Raw Data ☐ Other \_\_\_\_\_  
☐ EDD FORMAT \_\_\_\_\_

1. Hex Chrom 2. PCB 3. SVOC-TCL BWA-20 4. TPH GC 5. Trivalent Chromium 6. Cyanide 7. VOC-TCL VOA-10 8. EPH 9.

PRESERVATIVES

COMMENTS

← Specify Preservatives

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

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |       | # OF BOTTLES |   |   |   |   |   |   |   |   |   |           |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|-------|--------------|---|---|---|---|---|---|---|---|---|-----------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME  |              | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |           |
| 1.                       | Large Pile - A                   | 30L              | X              |      | 5-1-25               | 11:48 | 4            | X | X | X | X | X | X |   |   |   | PID = 0.0 |
| 2.                       | A                                |                  |                | X    |                      | 11:50 | 5            |   |   |   |   |   |   | X | X |   |           |
| 3.                       | B                                |                  | X              |      |                      | 11:56 | 4            | X | X | X | X | X | X |   |   |   |           |
| 4.                       | B                                |                  |                | X    |                      | 11:58 | 5            |   |   |   |   |   |   | X | X |   |           |
| 5.                       | C                                |                  | X              |      |                      | 12:06 | 4            | X | X | X | X | X | X |   |   |   |           |
| 6.                       | C                                |                  |                | X    |                      | 12:08 | 5            |   |   |   |   |   |   | X | X |   |           |
| 7.                       | D                                |                  | X              |      |                      | 12:16 | 4            | X | X | X | X | X | X |   |   |   |           |
| 8.                       | D                                |                  |                | X    |                      | 12:18 | 5            |   |   |   |   |   |   | X | X |   |           |
| 9.                       | E                                |                  | X              |      |                      | 12:24 | 4            | X | X | X | X | X | X |   |   |   |           |
| 10.                      | E                                |                  |                | X    |                      | 12:26 | 5            |   |   |   |   |   |   | X | X |   |           |

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

|                          |                            |                       |                                                                                                                                                 |
|--------------------------|----------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER: | DATE/TIME: <u>5-1-2025</u> | RECEIVED BY:          | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT COOLER TEMP <u>4.1°C</u> |
| 1. <u>[Signature]</u>    |                            | 1. <u>[Signature]</u> | Comments: <u>(Adjusted Factor + 1)</u>                                                                                                          |
| RELINQUISHED BY SAMPLER: | DATE/TIME:                 | RECEIVED BY:          | <u>*PID Meter (2) brought 5-1-2025 *</u>                                                                                                        |
| 2. <u>[Signature]</u>    |                            | 2. <u>[Signature]</u> | <u>Equal volume of soil used, 5:1 composite</u>                                                                                                 |
| RELINQUISHED BY SAMPLER: | DATE/TIME: <u>5-1-2025</u> | RECEIVED BY:          | Page <u>1</u> of <u>2</u>                                                                                                                       |
| 3. <u>[Signature]</u>    |                            | 3. <u>[Signature]</u> | CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other                                                                  |
|                          |                            |                       | Shipment Complete<br><input type="checkbox"/> YES <input type="checkbox"/> NO                                                                   |

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Sutton Fall and Sand Gravel  
ADDRESS: 3000 International Drive  
CITY: Budd Lake STATE: N.J. ZIP:   
ATTENTION: Rich Schindelar  
PHONE:  FAX:

PROJECT NAME: Stan Hope  
PROJECT NO.:  LOCATION:   
PROJECT MANAGER:   
e-mail:   
PHONE:  FAX:

BILL TO:  PO#:   
ADDRESS:   
CITY: Lawrenceville STATE: GA ZIP:   
ATTENTION:  PHONE:

ANALYSIS ☒

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH)  DAYS\*  
HARDCOPY (DATA PACKAGE):  DAYS\*  
EDD:  DAYS\*

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B  
+ Raw Data ☐ Other   
☐ EDD FORMAT

\*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

1. Hex chrom  
2. PCB  
3. SVOC-TU BNA-20  
4. TPA GC  
5. Trivalent Phosphorus  
6. Cyanide  
7. VOC-TU VOA-19  
8. EPH  
9.

PRESERVATIVES

COMMENTS

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

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |       | # OF BOTTLES | PRESERVATIVES |   |   |   |   |   |   |   |   | COMMENTS |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|-------|--------------|---------------|---|---|---|---|---|---|---|---|----------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME  |              | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |          |
| 1.                       | Large Pile - F                   | sol              | X              |      | 5-1-25               | 12:36 | 4            | X             | X | X | X | X | X |   |   |   | Pig=0.0  |
| 2.                       | L F                              | ↓                |                | X    | ↓                    | 12:38 | 5            |               |   |   |   |   |   | X | X |   | PID=0.0  |
| 3.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |
| 4.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |
| 5.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |
| 6.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |
| 7.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |
| 8.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |
| 9.                       |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |
| 10.                      |                                  |                  |                |      |                      |       |              |               |   |   |   |   |   |   |   |   |          |

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

|                                                   |                                 |                                       |                                                                                                                                                                                       |
|---------------------------------------------------|---------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER:<br>1. <u>[Signature]</u> | DATE/TIME: <u>5-1-2025 1410</u> | RECEIVED BY:<br>1. <u>[Signature]</u> | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input checked="" type="checkbox"/> COOLER TEMP <u>41.0</u> °C |
| RELINQUISHED BY SAMPLER:<br>2. <u>[Signature]</u> | DATE/TIME: <u></u>              | RECEIVED BY:<br>2. <u>[Signature]</u> | Comments: <u>*Pin Meter Calibrated (Adjusted Factor +1) 5-1-2025*</u><br><u>Equal volume of soil used, 5:1 composite</u>                                                              |
| RELINQUISHED BY SAMPLER:<br>3. <u>[Signature]</u> | DATE/TIME: <u>5-1-2025 1540</u> | RECEIVED BY:<br>3. <u>[Signature]</u> | Page <u>2</u> of <u>2</u>                                                                                                                                                             |

CLIENT: ☐ Hand Delivered ☐ Other  
Shipment Complete ☐ YES ☐ NO



Environmental Laboratory

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

Project Name: STN Hope

Chemtech Order ID: \_\_\_\_\_

Sampler Name: Lawrence Palka

Client Project Coordinator & Phone: \_\_\_\_\_

Service Order #: \_\_\_\_\_

Work Order #: \_\_\_\_\_

Labor WBS #: \_\_\_\_\_

Facility/Site: \_\_\_\_\_

Site Address: 3000 International

Page #: 1 of 1  
Date: 5.1.2025

Arrive Time: 0830

Drive, Budd Lake, Wis.

Depart Time: 1410

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

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

Collection Depths: \_\_\_\_\_

Dimensions/CY: \_\_\_\_\_

Temp (range): \_\_\_\_\_

°C PID Readings (range): \_\_\_\_\_

PPM

Odor: Y / N

Color: Y / N

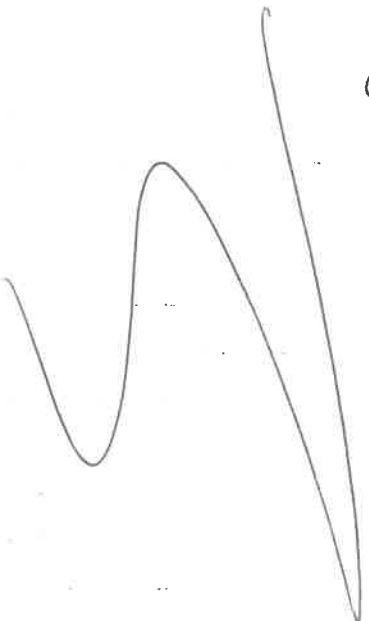
Sample Description: Brown soil, Rocks.

Field Observations: Sample 6, small pile, large pile, holder well pile.

Grid/Area Composite Map:

QA Control # A3041134

See  
Attached



Sampler Signature: [Signature]

5.1.2025

Supervisor Review/Date: \_\_\_\_\_

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

Date/Time Arrived at 15h: \_\_\_\_\_

lower wall

EXHIBIT 1

Soil Piles for Sampling

Piles for sampling are circled in red

4 tests

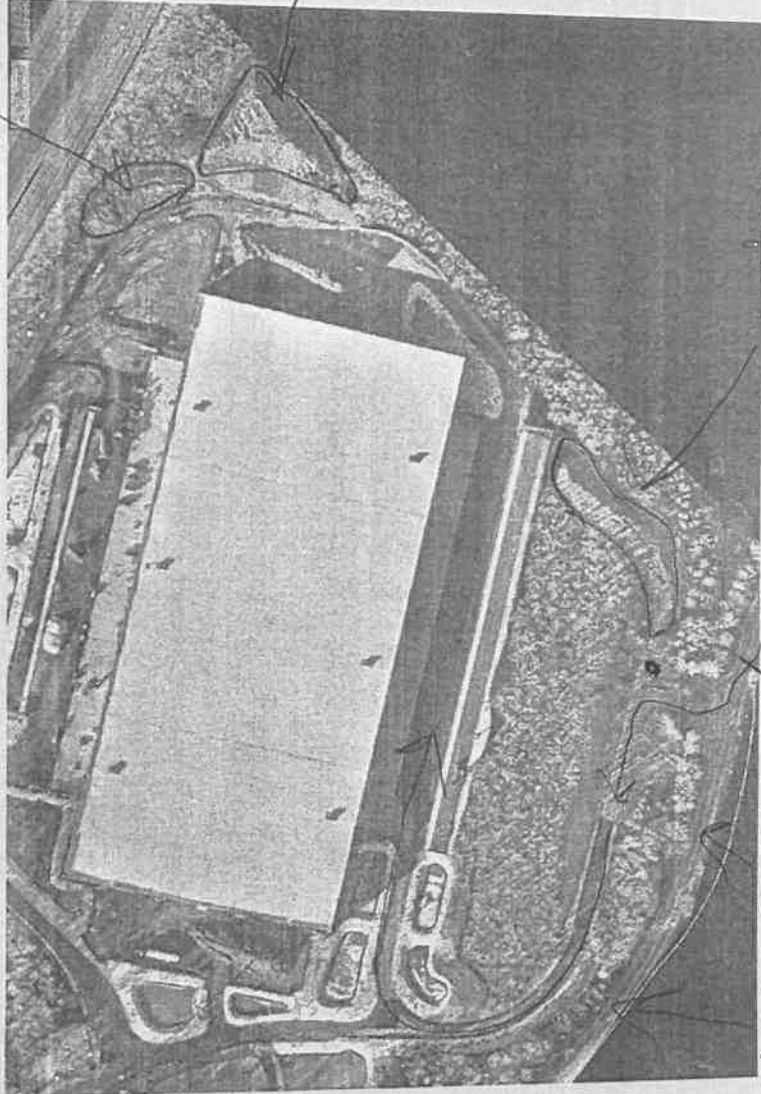
Pile

4 Samples 25" #

Contenetal Dr.

6 Samples

Large Pile  
30" #



4 Samples

Small pile 20" #

Total 14 Samples.

### Laboratory Certification

| Certified By         | License No.      |
|----------------------|------------------|
|                      |                  |
| CAS EPA CLP Contract | 68HERH20D0011    |
|                      |                  |
| Connecticut          | PH-0830          |
|                      |                  |
| DOD ELAP (ANAB)      | L2219            |
|                      |                  |
| Maine                | 2024021          |
|                      |                  |
| Maryland             | 296              |
|                      |                  |
| New Hampshire        | 255424 Rev 1     |
|                      |                  |
| New Jersey           | 20012            |
|                      |                  |
| New York             | 11376            |
|                      |                  |
| Pennsylvania         | 68-00548         |
|                      |                  |
| Soil Permit          | 525-24-234-08441 |
|                      |                  |
| Texas                | T104704488       |



## LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q1937 SAXT01

**Order Date :** 5/1/2025 2:03:00 PM

**Project Mgr :**

**Client Name :** Saxton Falls Sand and Grav

**Project Name :** Stan Hope

**Report Type :** Level 1

**Client Contact :** Rich Schindelar

**Receive DateTime :** 5/1/2025 12:00:00 AM

**EDD Type :** Excel NJ

**Invoice Name :** Saxton Falls Sand and Grav

**Purchase Order :**

**Hard Copy Date :**

**Invoice Contact :** Rich Schindelar

**Date Signoff :**

| LAB ID   | CLIENT ID    | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST          | TEST GROUP | METHOD | FAX DATE | DUE DATES    |
|----------|--------------|--------|-------------|-------------|---------------|------------|--------|----------|--------------|
| Q1937-02 | LARGE-PILE-A | Solid  | 05/01/2025  | 11:50       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |
| Q1937-04 | LARGE-PILE-B | Solid  | 05/01/2025  | 11:58       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |
| Q1937-06 | LARGE-PILE-C | Solid  | 05/01/2025  | 12:08       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |
| Q1937-08 | LARGE-PILE-D | Solid  | 05/01/2025  | 12:18       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |
| Q1937-10 | LARGE-PILE-E | Solid  | 05/01/2025  | 12:26       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |
| Q1937-12 | LARGE-PILE-F | Solid  | 05/01/2025  | 12:38       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |

**LOGIN REPORT/SAMPLE TRANSFER**

|                                                  |                                                |                              |
|--------------------------------------------------|------------------------------------------------|------------------------------|
| <b>Order ID :</b> Q1937      SEXT01              | <b>Order Date :</b> 5/1/2025 2:03:00 PM        | <b>Project Mgr :</b>         |
| <b>Client Name :</b> Saxton Falls Sand and Grav  | <b>Project Name :</b> Stan Hope                | <b>Report Type :</b> Level 1 |
| <b>Client Contact :</b> Rich Schindelar          | <b>Receive DateTime :</b> 5/1/2025 12:00:00 AM | <b>EDD Type :</b> Excel NJ   |
| <b>Invoice Name :</b> Saxton Falls Sand and Grav | <b>Purchase Order :</b> 15:46                  | <b>Hard Copy Date :</b>      |
| <b>Invoice Contact :</b> Rich Schindelar         |                                                | <b>Date Signoff :</b>        |

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|--------|-----------|--------|-------------|-------------|------|------------|--------|----------|-----------|
|--------|-----------|--------|-------------|-------------|------|------------|--------|----------|-----------|

*TELESCOPE  
staked in WA  
FIRE #2 Cabot  
in Ref #06*

**Relinquished By :** LCJ  
**Date / Time :** 5-1-2025 1650

**Received By :** mpadua  
**Date / Time :** 5-1-25 16:50

**Storage Area :** VOA Refridgerator Room