284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

# 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 is 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 |

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q1436 | **OrderDate:** | 2/26/2025 12:29:00 PM |
| **Client:** | ATC Group Services LLC | **Project:** | K084-SCA PCBs NYC - 2022SCA421 |
| **Contact:** | Denise Cosenza | **Location:** | H11 |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q1436-01** | **K084-8A** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 02/27/25 | 02/28/25 | |
| **Q1436-01DL** | **K084-8ADL** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 02/27/25 | 02/28/25 | |
| **Q1436-01DL2** | **K084-8ADL2** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 02/27/25 | 02/28/25 | |
| **Q1436-02** | **K084-8B** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 03/06/25 | 03/06/25 | |
| **Q1436-02DL** | **K084-8BDL** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 03/06/25 | 03/07/25 | |
| **Q1436-03** | **K084-8C** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 03/06/25 | 03/06/25 | |
| **Q1436-04** | **K084-9A** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 02/27/25 | 02/28/25 | |
| **Q1436-04DL** | **K084-9ADL** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 02/27/25 | 02/28/25 | |
| **Q1436-05** | **K084-9B** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 03/06/25 | 03/06/25 | |
| **Q1436-06** | **K084-9C** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 03/06/25 | 03/06/25 | |
| **Q1436-07** | **K084-10A** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 02/27/25 | 02/28/25 | |

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# LAB CHRONICLE

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Q1436-07DL** | **K084-10ADL** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 02/27/25 | 02/28/25 | |
| **Q1436-07DL2** | **K084-10ADL2** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 02/27/25 | 02/28/25 | |
| **Q1436-08** | **K084-10B** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 03/06/25 | 03/06/25 | |
| **Q1436-08DL** | **K084-10BDL** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 03/06/25 | 03/07/25 | |
| **Q1436-08DL2** | **K084-10BDL2** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 03/06/25 | 03/07/25 | |
| **Q1436-09** | **K084-10C** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 03/06/25 | 03/06/25 | |
| **Q1436-10** | **K084-11A** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 02/27/25 | 02/28/25 | |
| **Q1436-10DL** | **K084-11ADL** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 02/27/25 | 02/28/25 | |
| **Q1436-10DL2** | **K084-11ADL2** | **SOIL** | | | **02/25/25** | | | **02/26/25** |
| | | | PCB Group1 | 8082A | | 02/27/25 | 02/28/25 | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q1436 **Order ID:** Q1436

**Client:** ATC Group Services LLC **Project ID:** K084-SCA PCBs NYC - 2022SCA421

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| **Client ID : K084-8A** | | | | | | | | |
| Q1436-01 | K084-8A | SOIL | Aroclor-1254 | 6000 | E | 3.30 | 20.4 | ug/kg |
| Q1436-01 | K084-8A | SOIL | Aroclor-1268 | 20000 | EP | 4.10 | 20.4 | ug/kg |
| | | | **Total Concentration:** | **26,000.000** | | | | |
| **Client ID : K084-8ADL** | | | | | | | | |
| Q1436-01DL | K084-8ADL | SOIL | Aroclor-1254 | 7400 | D | 82.0 | 510 | ug/kg |
| Q1436-01DL | K084-8ADL | SOIL | Aroclor-1268 | 28000 | ED | 103 | 510 | ug/kg |
| | | | **Total Concentration:** | **35,400.000** | | | | |
| **Client ID : K084-8ADL2** | | | | | | | | |
| Q1436-01DL2 | K084-8ADL2 | SOIL | Aroclor-1254 | 8300 | D | 328 | 2000 | ug/kg |
| Q1436-01DL2 | K084-8ADL2 | SOIL | Aroclor-1268 | 29000 | D | 412 | 2000 | ug/kg |
| | | | **Total Concentration:** | **37,300.000** | | | | |
| **Client ID : K084-8B** | | | | | | | | |
| Q1436-02 | K084-8B | SOIL | Aroclor-1254 | 647 | E | 3.50 | 21.8 | ug/kg |
| Q1436-02 | K084-8B | SOIL | Aroclor-1268 | 246 | | 4.40 | 21.8 | ug/kg |
| | | | **Total Concentration:** | **893.000** | | | | |
| **Client ID : K084-8BDL** | | | | | | | | |
| Q1436-02DL | K084-8BDL | SOIL | Aroclor-1254 | 771 | DP | 7.00 | 43.7 | ug/kg |
| Q1436-02DL | K084-8BDL | SOIL | Aroclor-1268 | 284 | D | 8.80 | 43.7 | ug/kg |
| | | | **Total Concentration:** | **1,055.000** | | | | |
| **Client ID : K084-8C** | | | | | | | | |
| Q1436-03 | K084-8C | SOIL | Aroclor-1254 | 176 | | 3.70 | 23.1 | ug/kg |
| Q1436-03 | K084-8C | SOIL | Aroclor-1268 | 30.9 | | 4.70 | 23.1 | ug/kg |
| | | | **Total Concentration:** | **207.900** | | | | |
| **Client ID : K084-9A** | | | | | | | | |
| Q1436-04 | K084-9A | SOIL | Aroclor-1254 | 7000 | E | 3.50 | 21.8 | ug/kg |
| Q1436-04 | K084-9A | SOIL | Aroclor-1268 | 315 | | 4.40 | 21.8 | ug/kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q1436 **Order ID:** Q1436

**Client:** ATC Group Services LLC **Project ID:** K084-SCA PCBs NYC - 2022SCA421

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| | | | **Total Concentration:** | **7,315.000** | | | | |
| **Client ID :** | **K084-9ADL** | | | | | | | |
| Q1436-04DL | K084-9ADL | SOIL | Aroclor-1254 | 8000 | D | 69.9 | 435 | ug/kg |
| Q1436-04DL | K084-9ADL | SOIL | Aroclor-1268 | 465 | D | 87.8 | 435 | ug/kg |
| | | | **Total Concentration:** | **8,465.000** | | | | |
| **Client ID :** | **K084-9B** | | | | | | | |
| Q1436-05 | K084-9B | SOIL | Aroclor-1254 | 477 | | 4.00 | 25.1 | ug/kg |
| Q1436-05 | K084-9B | SOIL | Aroclor-1268 | 36.6 | | 5.10 | 25.1 | ug/kg |
| | | | **Total Concentration:** | **513.600** | | | | |
| **Client ID :** | **K084-9C** | | | | | | | |
| Q1436-06 | K084-9C | SOIL | Aroclor-1254 | 390 | | 4.60 | 28.9 | ug/kg |
| Q1436-06 | K084-9C | SOIL | Aroclor-1268 | 34.2 | | 5.80 | 28.9 | ug/kg |
| | | | **Total Concentration:** | **424.200** | | | | |
| **Client ID :** | **K084-10A** | | | | | | | |
| Q1436-07 | K084-10A | SOIL | Aroclor-1254 | 14000 | EP | 3.30 | 20.3 | ug/kg |
| Q1436-07 | K084-10A | SOIL | Aroclor-1268 | 454 | E | 4.10 | 20.3 | ug/kg |
| | | | **Total Concentration:** | **14,454.000** | | | | |
| **Client ID :** | **K084-10ADL** | | | | | | | |
| Q1436-07DL | K084-10ADL | SOIL | Aroclor-1254 | 16000 | ED | 16.3 | 101 | ug/kg |
| Q1436-07DL | K084-10ADL | SOIL | Aroclor-1268 | 583 | D | 20.5 | 101 | ug/kg |
| | | | **Total Concentration:** | **16,583.000** | | | | |
| **Client ID :** | **K084-10ADL2** | | | | | | | |
| Q1436-07DL2 | K084-10ADL2 | SOIL | Aroclor-1254 | 18000 | D | 163 | 1000 | ug/kg |
| Q1436-07DL2 | K084-10ADL2 | SOIL | Aroclor-1268 | 707 | JD | 205 | 1000 | ug/kg |
| | | | **Total Concentration:** | **18,707.000** | | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q1436 **Order ID:** Q1436

**Client:** ATC Group Services LLC **Project ID:** K084-SCA PCBs NYC - 2022SCA421

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| **Client ID : K084-10B** | | | | | | | | |
| Q1436-08 | K084-10B | SOIL | Aroclor-1254 | 2600 | E | 3.90 | 24.2 | ug/kg |
| Q1436-08 | K084-10B | SOIL | Aroclor-1268 | 539 | E | 4.90 | 24.2 | ug/kg |
| | | | **Total Concentration:** | **3,139.000** | | | | |
| **Client ID : K084-10BDL** | | | | | | | | |
| Q1436-08DL | K084-10BDL | SOIL | Aroclor-1254 | 2800 | ED | 7.80 | 48.5 | ug/kg |
| Q1436-08DL | K084-10BDL | SOIL | Aroclor-1268 | 636 | D | 9.80 | 48.5 | ug/kg |
| | | | **Total Concentration:** | **3,436.000** | | | | |
| **Client ID : K084-10BDL2** | | | | | | | | |
| Q1436-08DL2 | K084-10BDL2 | SOIL | Aroclor-1254 | 3500 | D | 38.9 | 242 | ug/kg |
| Q1436-08DL2 | K084-10BDL2 | SOIL | Aroclor-1268 | 768 | D | 48.9 | 242 | ug/kg |
| | | | **Total Concentration:** | **4,268.000** | | | | |
| **Client ID : K084-10C** | | | | | | | | |
| Q1436-09 | K084-10C | SOIL | Aroclor-1254 | 161 | | 4.40 | 27.1 | ug/kg |
| Q1436-09 | K084-10C | SOIL | Aroclor-1268 | 23.2 | J | 5.50 | 27.1 | ug/kg |
| | | | **Total Concentration:** | **184.200** | | | | |
| **Client ID : K084-11A** | | | | | | | | |
| Q1436-10 | K084-11A | SOIL | Aroclor-1254 | 17000 | EP | 3.00 | 18.8 | ug/kg |
| Q1436-10 | K084-11A | SOIL | Aroclor-1268 | 751 | E | 3.80 | 18.8 | ug/kg |
| | | | **Total Concentration:** | **17,751.000** | | | | |
| **Client ID : K084-11ADL** | | | | | | | | |
| Q1436-10DL | K084-11ADL | SOIL | Aroclor-1254 | 19000 | ED | 15.1 | 94.0 | ug/kg |
| Q1436-10DL | K084-11ADL | SOIL | Aroclor-1268 | 889 | D | 19.0 | 94.0 | ug/kg |
| | | | **Total Concentration:** | **19,889.000** | | | | |
| **Client ID : K084-11ADL2** | | | | | | | | |
| Q1436-10DL2 | K084-11ADL2 | SOIL | Aroclor-1254 | 22000 | D | 302 | 1900 | ug/kg |
| Q1436-10DL2 | K084-11ADL2 | SOIL | Aroclor-1268 | 1200 | JD | 379 | 1900 | ug/kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q1436 **Order ID:** Q1436

**Client:** ATC Group Services LLC **Project ID:** K084-SCA PCBs NYC - 2022SCA421

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

**Total Concentration:** **23,200.000**

# QC SUMMARY

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## Surrogate Summary

**SDG No.:** Q1436

**Client:** ATC Group Services LLC

**Analytical Method:** 8082A

| Lab Sample ID | Client ID | Parameter | Column | Spike | Result | Rec | Qual | Limits Low | Limits High |
|---|---|---|---|---|---|---|---|---|---|
| I.BLK-PO109425.D | PIBLK-PO109425.D | Tetrachloro-m-xylene | 1 | 20 | 25.3 | 126 | | 60 | 140 |
| | | Decachlorobiphenyl | 1 | 20 | 25.3 | 126 | | 60 | 140 |
| | | Tetrachloro-m-xylene | 2 | 20 | 24.1 | 121 | | 60 | 140 |
| | | Decachlorobiphenyl | 2 | 20 | 25.5 | 127 | | 60 | 140 |
| I.BLK-PO109537.D | PIBLK-PO109537.D | Tetrachloro-m-xylene | 1 | 20 | 16.0 | 80 | | 60 | 140 |
| | | Decachlorobiphenyl | 1 | 20 | 14.6 | 73 | | 60 | 140 |
| | | Tetrachloro-m-xylene | 2 | 20 | 16.9 | 85 | | 60 | 140 |
| | | Decachlorobiphenyl | 2 | 20 | 16.9 | 84 | | 60 | 140 |
| PB166889BL | PB166889BL | Tetrachloro-m-xylene | 1 | 20 | 19.1 | 95 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 13.8 | 69 | | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 19.0 | 95 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 15.8 | 79 | | 32 | 175 |
| PB166889BS | PB166889BS | Tetrachloro-m-xylene | 1 | 20 | 18.3 | 91 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 15.5 | 77 | | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 19.1 | 96 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 17.6 | 88 | | 32 | 175 |
| I.BLK-PO109552.D | PIBLK-PO109552.D | Tetrachloro-m-xylene | 1 | 20 | 15.9 | 79 | | 60 | 140 |
| | | Decachlorobiphenyl | 1 | 20 | 14.8 | 74 | | 60 | 140 |
| | | Tetrachloro-m-xylene | 2 | 20 | 16.8 | 84 | | 60 | 140 |
| | | Decachlorobiphenyl | 2 | 20 | 16.5 | 83 | | 60 | 140 |
| Q1434-03MS | K084-5AMS | Tetrachloro-m-xylene | 1 | 20 | 23.6 | 118 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 35.2 | 176 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 25.0 | 125 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 41.0 | 205 | * | 32 | 175 |
| Q1434-03MSD | K084-5AMSD | Tetrachloro-m-xylene | 1 | 20 | 23.5 | 118 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 36.0 | 180 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 24.9 | 125 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 41.8 | 209 | * | 32 | 175 |
| Q1436-01 | K084-8A | Tetrachloro-m-xylene | 1 | 20 | 22.5 | 112 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 1640 | 8182 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 23.9 | 119 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 2100 | 10482 | * | 32 | 175 |
| Q1436-04 | K084-9A | Tetrachloro-m-xylene | 1 | 20 | 22.0 | 110 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 38.1 | 191 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 23.5 | 117 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 43.8 | 219 | * | 32 | 175 |
| Q1436-07 | K084-10A | Tetrachloro-m-xylene | 1 | 20 | 23.4 | 117 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 44.0 | 220 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 24.8 | 124 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 50.4 | 252 | * | 32 | 175 |
| Q1436-10 | K084-11A | Tetrachloro-m-xylene | 1 | 20 | 23.6 | 118 | | 32 | 144 |

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## Surrogate Summary

**SDG No.:** Q1436

**Client:** ATC Group Services LLC

**Analytical Method:** 8082A

| Lab Sample ID | Client ID | Parameter | Column | Spike | Result | Rec | Qual | Limits Low | Limits High |
|---|---|---|---|---|---|---|---|---|---|
| Q1436-10 | K084-11A | Decachlorobiphenyl | 1 | 20 | 63.1 | 316 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 25.3 | 126 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 70.7 | 354 | * | 32 | 175 |
| I.BLK-PO109574.D | PIBLK-PO109574.D | Tetrachloro-m-xylene | 1 | 20 | 16.0 | 80 | | 60 | 140 |
| | | Decachlorobiphenyl | 1 | 20 | 13.8 | 69 | | 60 | 140 |
| | | Tetrachloro-m-xylene | 2 | 20 | 17.1 | 85 | | 60 | 140 |
| | | Decachlorobiphenyl | 2 | 20 | 15.9 | 79 | | 60 | 140 |
| I.BLK-PO109601.D | PIBLK-PO109601.D | Tetrachloro-m-xylene | 1 | 20 | 16.8 | 84 | | 60 | 140 |
| | | Decachlorobiphenyl | 1 | 20 | 15.6 | 78 | | 60 | 140 |
| | | Tetrachloro-m-xylene | 2 | 20 | 17.5 | 88 | | 60 | 140 |
| | | Decachlorobiphenyl | 2 | 20 | 17.2 | 86 | | 60 | 140 |
| Q1436-01DL | K084-8ADL | Tetrachloro-m-xylene | 1 | 20 | 30.8 | 154 | * | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 2510 | 12525 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 29.3 | 146 | * | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 2690 | 13435 | * | 32 | 175 |
| Q1436-01DL2 | K084-8ADL2 | Tetrachloro-m-xylene | 1 | 20 | 0 | 0 | * | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 0 | 0 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 0 | 0 | * | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 0 | 0 | * | 32 | 175 |
| Q1436-04DL | K084-9ADL | Tetrachloro-m-xylene | 1 | 20 | 27.8 | 139 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 61.0 | 305 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 28.0 | 140 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 66.6 | 333 | * | 32 | 175 |
| Q1436-07DL | K084-10ADL | Tetrachloro-m-xylene | 1 | 20 | 27.6 | 138 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 62.0 | 310 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 28.4 | 142 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 70.3 | 352 | * | 32 | 175 |
| Q1436-07DL2 | K084-10ADL2 | Tetrachloro-m-xylene | 1 | 20 | 0 | 0 | * | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 0 | 0 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 0 | 0 | * | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 0 | 0 | * | 32 | 175 |
| Q1436-10DL | K084-11ADL | Tetrachloro-m-xylene | 1 | 20 | 28.6 | 143 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 82.5 | 412 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 27.7 | 139 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 91.8 | 459 | * | 32 | 175 |
| Q1436-10DL2 | K084-11ADL2 | Tetrachloro-m-xylene | 1 | 20 | 0 | 0 | * | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 0 | 0 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 0 | 0 | * | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 0 | 0 | * | 32 | 175 |
| I.BLK-PO109620.D | PIBLK-PO109620.D | Tetrachloro-m-xylene | 1 | 20 | 16.8 | 84 | | 60 | 140 |
| | | Decachlorobiphenyl | 1 | 20 | 16.3 | 81 | | 60 | 140 |

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## Surrogate Summary

**SDG No.:** Q1436

**Client:** ATC Group Services LLC

**Analytical Method:** 8082A

| Lab Sample ID | Client ID | Parameter | Column | Spike | Result | Rec | Qual | Limits Low | Limits High |
|---|---|---|---|---|---|---|---|---|---|
| I.BLK-PO109620.D | PIBLK-PO109620.D | Tetrachloro-m-xylene | 2 | 20 | 17.5 | 87 | | 60 | 140 |
| | | Decachlorobiphenyl | 2 | 20 | 17.5 | 87 | | 60 | 140 |
| I.BLK-PO109681.D | PIBLK-PO109681.D | Tetrachloro-m-xylene | 1 | 20 | 18.1 | 90 | | 60 | 140 |
| | | Decachlorobiphenyl | 1 | 20 | 17.0 | 85 | | 60 | 140 |
| | | Tetrachloro-m-xylene | 2 | 20 | 18.9 | 95 | | 60 | 140 |
| | | Decachlorobiphenyl | 2 | 20 | 18.4 | 92 | | 60 | 140 |
| PB167022BL | PB167022BL | Tetrachloro-m-xylene | 1 | 20 | 22.8 | 114 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 21.6 | 108 | | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 23.6 | 118 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 23.1 | 116 | | 32 | 175 |
| PB167022BS | PB167022BS | Tetrachloro-m-xylene | 1 | 20 | 21.7 | 108 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 21.6 | 108 | | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 22.3 | 112 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 22.9 | 114 | | 32 | 175 |
| Q1434-02MS | K084-4CMS | Tetrachloro-m-xylene | 1 | 20 | 21.4 | 107 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 23.1 | 115 | | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 21.8 | 109 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 26.0 | 130 | | 32 | 175 |
| Q1434-02MSD | K084-4CMSD | Tetrachloro-m-xylene | 1 | 20 | 19.4 | 97 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 24.8 | 124 | | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 20.2 | 101 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 27.6 | 138 | | 32 | 175 |
| I.BLK-PO109696.D | PIBLK-PO109696.D | Tetrachloro-m-xylene | 1 | 20 | 17.9 | 90 | | 60 | 140 |
| | | Decachlorobiphenyl | 1 | 20 | 16.3 | 81 | | 60 | 140 |
| | | Tetrachloro-m-xylene | 2 | 20 | 18.8 | 94 | | 60 | 140 |
| | | Decachlorobiphenyl | 2 | 20 | 17.8 | 89 | | 60 | 140 |
| I.BLK-PP069995.D | PIBLK-PP069995.D | Tetrachloro-m-xylene | 1 | 20 | 21.9 | 109 | | 60 | 140 |
| | | Decachlorobiphenyl | 1 | 20 | 21.8 | 109 | | 60 | 140 |
| | | Tetrachloro-m-xylene | 2 | 20 | 22.1 | 110 | | 60 | 140 |
| | | Decachlorobiphenyl | 2 | 20 | 21.6 | 108 | | 60 | 140 |
| I.BLK-PP070313.D | PIBLK-PP070313.D | Tetrachloro-m-xylene | 1 | 20 | 19.2 | 96 | | 60 | 140 |
| | | Decachlorobiphenyl | 1 | 20 | 16.9 | 85 | | 60 | 140 |
| | | Tetrachloro-m-xylene | 2 | 20 | 20.2 | 101 | | 60 | 140 |
| | | Decachlorobiphenyl | 2 | 20 | 16.9 | 85 | | 60 | 140 |
| Q1436-02 | K084-8B | Tetrachloro-m-xylene | 1 | 20 | 23.5 | 117 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 27.8 | 139 | | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 25.1 | 126 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 26.8 | 134 | | 32 | 175 |
| Q1436-03 | K084-8C | Tetrachloro-m-xylene | 1 | 20 | 6.60 | 33 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 8.12 | 41 | | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 9.28 | 46 | | 32 | 144 |

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## Surrogate Summary

**SDG No.:** Q1436

**Client:** ATC Group Services LLC

**Analytical Method:** 8082A

| Lab Sample ID | Client ID | Parameter | Column | Spike | Result | Rec | Qual | Limits Low | Limits High |
|---|---|---|---|---|---|---|---|---|---|
| Q1436-03 | K084-8C | Decachlorobiphenyl | 2 | 20 | 8.23 | 41 | | 32 | 175 |
| Q1436-05 | K084-9B | Tetrachloro-m-xylene | 1 | 20 | 21.4 | 107 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 13.2 | 66 | | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 22.3 | 111 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 13.3 | 66 | | 32 | 175 |
| Q1436-06 | K084-9C | Tetrachloro-m-xylene | 1 | 20 | 20.5 | 102 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 18.7 | 94 | | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 22.4 | 112 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 18.7 | 94 | | 32 | 175 |
| Q1436-08 | K084-10B | Tetrachloro-m-xylene | 1 | 20 | 25.4 | 127 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 42.3 | 212 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 24.7 | 123 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 39.8 | 199 | * | 32 | 175 |
| I.BLK-PP070328.D | PIBLK-PP070328.D | Tetrachloro-m-xylene | 1 | 20 | 18.9 | 95 | | 60 | 140 |
| | | Decachlorobiphenyl | 1 | 20 | 17.3 | 87 | | 60 | 140 |
| | | Tetrachloro-m-xylene | 2 | 20 | 19.6 | 98 | | 60 | 140 |
| | | Decachlorobiphenyl | 2 | 20 | 17.8 | 89 | | 60 | 140 |
| Q1436-09 | K084-10C | Tetrachloro-m-xylene | 1 | 20 | 24.2 | 121 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 21.6 | 108 | | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 22.2 | 111 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 21.2 | 106 | | 32 | 175 |
| I.BLK-PP070339.D | PIBLK-PP070339.D | Tetrachloro-m-xylene | 1 | 20 | 20.9 | 104 | | 60 | 140 |
| | | Decachlorobiphenyl | 1 | 20 | 19.3 | 97 | | 60 | 140 |
| | | Tetrachloro-m-xylene | 2 | 20 | 20.2 | 101 | | 60 | 140 |
| | | Decachlorobiphenyl | 2 | 20 | 19.9 | 99 | | 60 | 140 |
| Q1436-02DL | K084-8BDL | Tetrachloro-m-xylene | 1 | 20 | 26.4 | 132 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 30.9 | 155 | | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 25.2 | 126 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 31.7 | 159 | | 32 | 175 |
| Q1436-08DL | K084-10BDL | Tetrachloro-m-xylene | 1 | 20 | 28.1 | 140 | | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 48.0 | 240 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 26.7 | 133 | | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 47.9 | 240 | * | 32 | 175 |
| Q1436-08DL2 | K084-10BDL2 | Tetrachloro-m-xylene | 1 | 20 | 32.4 | 162 | * | 32 | 144 |
| | | Decachlorobiphenyl | 1 | 20 | 56.4 | 282 | * | 32 | 175 |
| | | Tetrachloro-m-xylene | 2 | 20 | 34.6 | 173 | * | 32 | 144 |
| | | Decachlorobiphenyl | 2 | 20 | 60.2 | 301 | * | 32 | 175 |
| I.BLK-PP070348.D | PIBLK-PP070348.D | Tetrachloro-m-xylene | 1 | 20 | 20.8 | 104 | | 60 | 140 |
| | | Decachlorobiphenyl | 1 | 20 | 19.6 | 98 | | 60 | 140 |
| | | Tetrachloro-m-xylene | 2 | 20 | 20.6 | 103 | | 60 | 140 |
| | | Decachlorobiphenyl | 2 | 20 | 20.6 | 103 | | 60 | 140 |

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# Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q1436

**Client:** ATC Group Services LLC

**Analytical Method:** 8082A **DataFile :** PO109562.D

| Lab Sample ID: | Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Client Sample ID:** | **K084-5AMS** | | | | | | | | | | | |
| Q1434-03MS | AR1016 | 180.4 | 0 | 328 | ug/kg | 182 | * | | | 55 | 146 | |
| | AR1260 | 180.4 | 0 | 1000 | ug/kg | 554 | * | | | 31 | 146 | |

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# Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q1436

**Client:** ATC Group Services LLC

**Analytical Method:** 8082A **DataFile :** PO109563.D

| Lab Sample ID: | Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Client Sample ID:** | **K084-5AMSD** | | | | | | | | | | | |
| Q1434-03MSD | AR1016 | 180.5 | 0 | 328 | ug/kg | 182 | * | 0 | | 55 | 146 | 20 |
| | AR1260 | 180.5 | 0 | 1000 | ug/kg | 554 | * | 0 | | 31 | 146 | 20 |

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# Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q1436

**Client:** ATC Group Services LLC

**Analytical Method:** 8082A **DataFile :** PO109688.D

| Lab Sample ID: | Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Client Sample ID:** | **K084-4CMS** | | | | | | | | | | | |
| Q1434-02MS | AR1016 | 230.2 | 0 | 257 | ug/kg | 112 | | | | 55 | 146 | |
| | AR1260 | 230.2 | 0 | 711 | ug/kg | 309 | * | | | 31 | 146 | |

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# Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q1436

**Client:** ATC Group Services LLC

**Analytical Method:** 8082A **DataFile :** PO109689.D

| Lab Sample ID: | Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Client Sample ID:** | **K084-4CMSD** | | | | | | | | | | | |
| Q1434-02MSD | AR1016 | 230.4 | 0 | 244 | ug/kg | 106 | | 6 | | 55 | 146 | 20 |
| | AR1260 | 230.4 | 0 | 801 | ug/kg | 348 | * | 12 | | 31 | 146 | 20 |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q1436

**Client:** ATC Group Services LLC

**Analytical Method:** 8082A **Datafile :** PO109547.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB166889BS | AR1016 | 166.5 | 142 | ug/kg | 85 | | | | 71 | 120 | |
| | AR1260 | 166.5 | 130 | ug/kg | 78 | | | | 65 | 130 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q1436

**Client:** ATC Group Services LLC

**Analytical Method:** 8082A **Datafile :** PO109683.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB167022BS | AR1016 | 166.6 | 168 | ug/kg | 101 | | | | 71 | 120 | |
| | AR1260 | 166.6 | 164 | ug/kg | 98 | | | | 65 | 130 | |

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166889BL

Lab Name: CHEMTECH Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: PB166889BL Lab File ID: PO109546.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 02/27/2025

Date Analyzed (1): 02/27/2025 Date Analyzed (2): 02/27/2025

Time Analyzed (1): 22:57 Time Analyzed (2): 22:57

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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 SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|---|
| PB166889BS | PB166889BS | PO109547.D | 02/27/2025 | 02/27/2025 |
| K084-5AMS | Q1434-03MS | PO109562.D | 02/28/2025 | 02/28/2025 |
| K084-5AMSD | Q1434-03MSD | PO109563.D | 02/28/2025 | 02/28/2025 |
| K084-8A | Q1436-01 | PO109568.D | 02/28/2025 | 02/28/2025 |
| K084-9A | Q1436-04 | PO109569.D | 02/28/2025 | 02/28/2025 |
| K084-10A | Q1436-07 | PO109570.D | 02/28/2025 | 02/28/2025 |
| K084-11A | Q1436-10 | PO109571.D | 02/28/2025 | 02/28/2025 |

COMMENTS:

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167022BL

Lab Name: CHEMTECH Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: PB167022BL Lab File ID: PO109682.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 03/06/2025

Date Analyzed (1): 03/07/2025 Date Analyzed (2): 03/07/2025

Time Analyzed (1): 00:28 Time Analyzed (2): 00:28

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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 SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|---|
| PB167022BS | PB167022BS | PO109683.D | 03/07/2025 | 03/07/2025 |
| K084-4CMS | Q1434-02MS | PO109688.D | 03/07/2025 | 03/07/2025 |
| K084-4CMSD | Q1434-02MSD | PO109689.D | 03/07/2025 | 03/07/2025 |
| K084-8B | Q1436-02 | PP070319.D | 03/06/2025 | 03/06/2025 |
| K084-8C | Q1436-03 | PP070320.D | 03/06/2025 | 03/06/2025 |
| K084-9B | Q1436-05 | PP070321.D | 03/06/2025 | 03/06/2025 |
| K084-9C | Q1436-06 | PP070322.D | 03/06/2025 | 03/06/2025 |
| K084-10B | Q1436-08 | PP070323.D | 03/06/2025 | 03/06/2025 |
| K084-10C | Q1436-09 | PP070329.D | 03/06/2025 | 03/06/2025 |

COMMENTS:

# SAMPLE DATA

Raw Data: **PO109568.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-8A | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-01 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 83.2 Decanted: |
| Sample Wt/Vol: | 30.02 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109568.D | 1 | 02/27/25 09:15 | 02/28/25 06:05 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 4.10 | U | 4.10 | 20.4 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 7.70 | U | 7.70 | 20.4 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 4.10 | U | 4.10 | 20.4 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 4.10 | U | 4.10 | 20.4 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 9.50 | U | 9.50 | 20.4 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 6000 | E | 3.30 | 20.4 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 5.50 | U | 5.50 | 20.4 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 20000 | EP | 4.10 | 20.4 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 3.50 | U | 3.50 | 20.4 | ug/kg |
| Total PCBs | Total PCBs | 26000 | EP | 7.40 | 20.4 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 23.9 | | 32 - 144 | 119% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 2100 | * | 32 - 175 | 10482% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109568.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 06:05
Operator : YP/AJ
Sample : Q1436-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 09:31:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.695 | 212.5E6 | 124.9E6 | 22.455 | 23.857 | |
| 2) | SA Decachlor... | 8.756 | 8.707 | 14076.6E6 | 6675.7E6 | 1636.460 | 2096.463 | # |
| | Target Compounds | | | | | | | |
| 26) | L6 AR-1254-1 | 5.600 | 5.579 | 3054.6E6 | 1763.1E6 | 5924.259 | 6741.456 | |
| 27) | L6 AR-1254-2 | 5.749 | 5.727 | 4180.1E6 | 2408.5E6 | 9281.340 | 10267.970 | |
| 28) | L6 AR-1254-3 | 6.155 | 6.131 | 9145.4E6 | 5291.2E6 | 12773.693 | 14833.560 | |
| 29) | L6 AR-1254-4 | 6.384 | 6.358 | 6248.9E6 | 3499.9E6 | 14921.169 | 18122.804 | |
| 30) | L6 AR-1254-5 | 6.805 | 6.775 | 13297.0E6 | 7492.6E6 | 21312.574 | 25250.241 | |
| 41) | L9 AR-1268-1 | 7.627 | 7.600 | 31846.8E6 | 29573.9E6 | 24049.530 | 51755.774 | # |
| 42) | L9 AR-1268-2 | 7.692 | 7.664 | 30903.1E6 | 28972.1E6 | 25558.598 | 55190.866 | # |
| 43) | L9 AR-1268-3 | 7.904 | 7.871 | 27657.8E6 | 21612.8E6 | 27164.032 | 50492.094 | # |
| 44) | L9 AR-1268-4 | 8.194 | 8.156 | 16474.9E6 | 8751.0E6 | 38777.292 | 54241.183 | # |
| 45) | L9 AR-1268-5 | 8.481 | 8.456 | 40395.1E6 | 39025.1E6 | 13377.395 | 35699.822 | # |

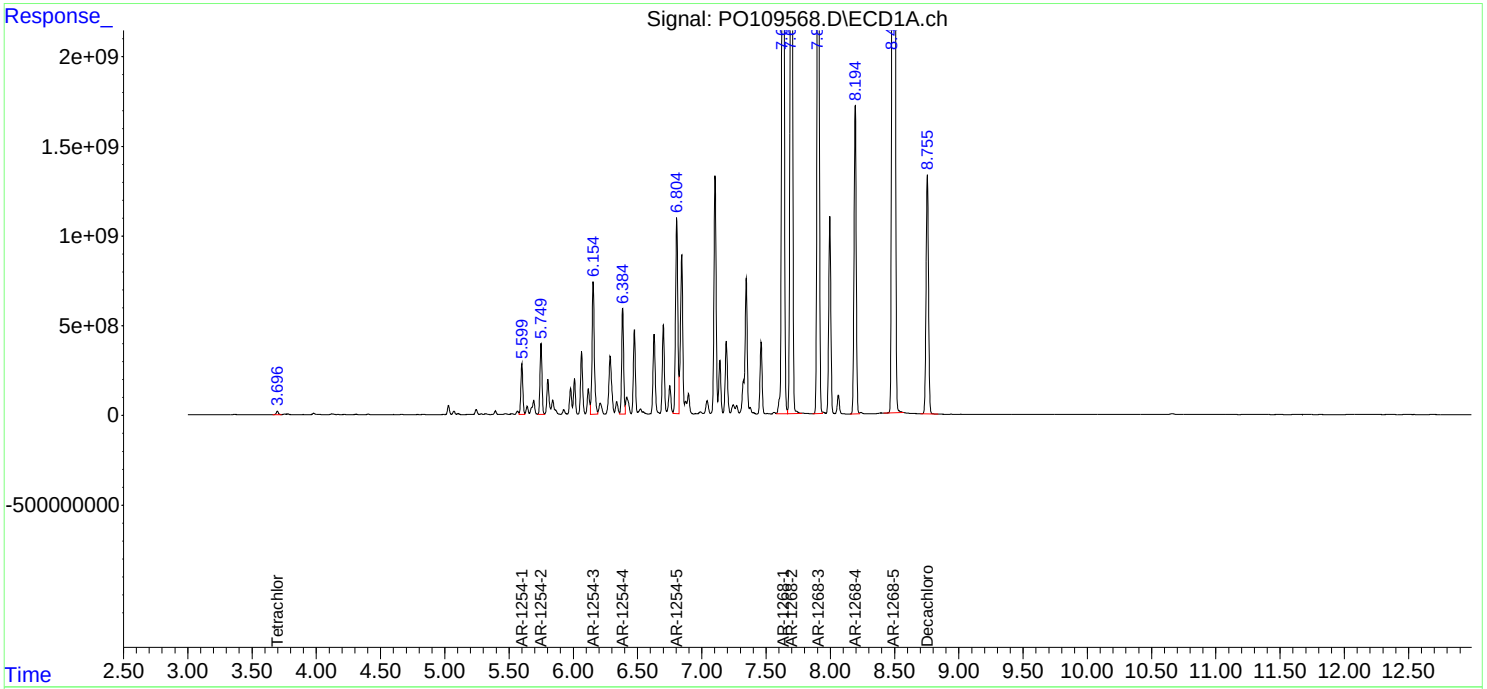
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

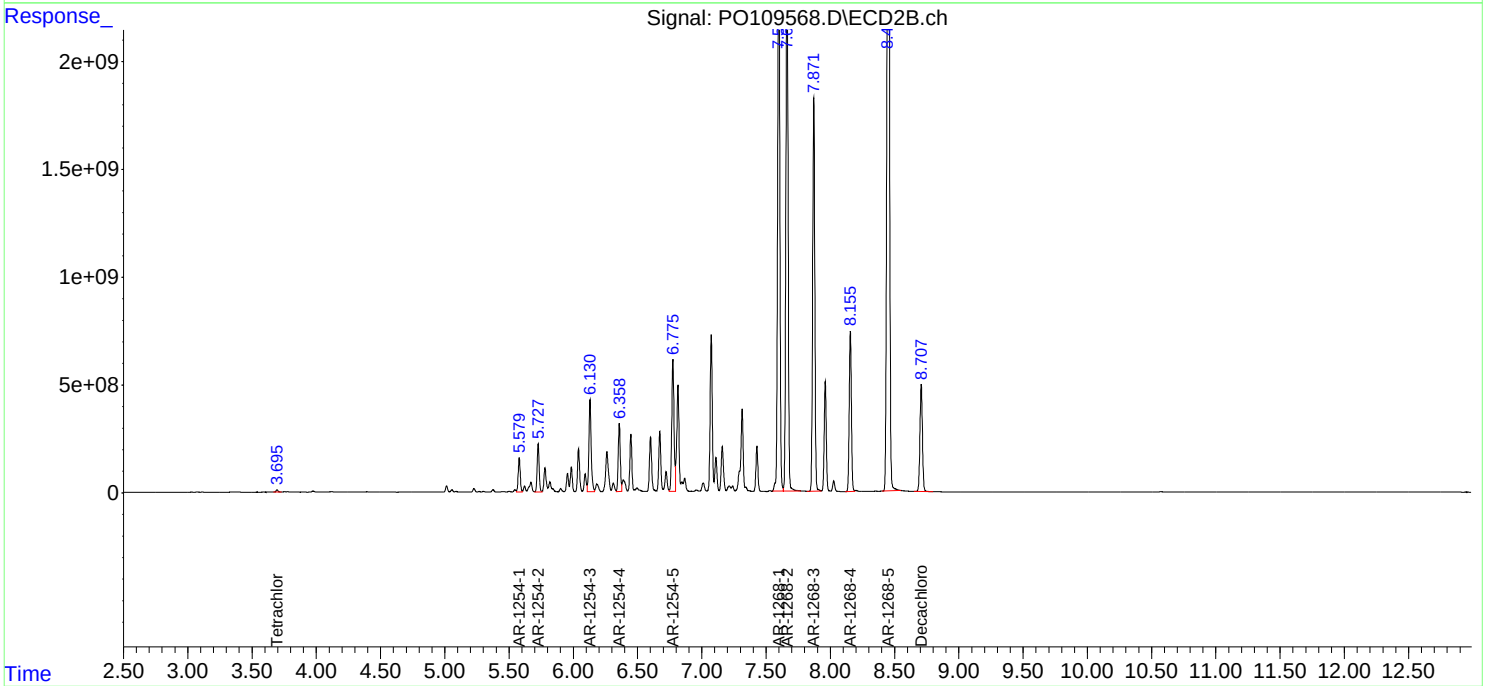
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109568.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 06:05
Operator : YP/AJ
Sample : Q1436-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

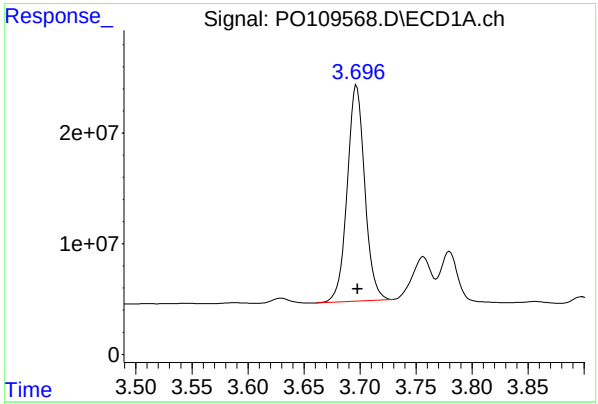
**Instrument :**
ECD_O
**ClientSampleId :**
K084-8A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 09:31:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



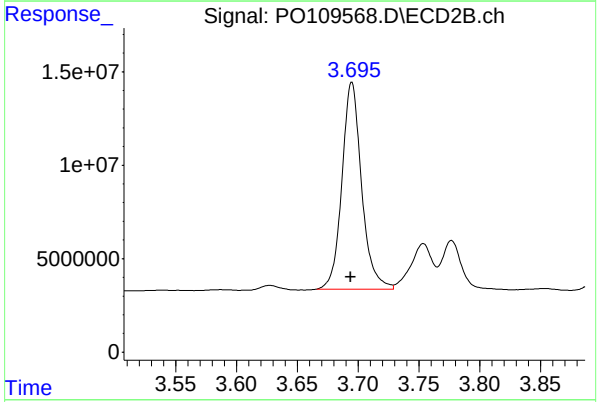






#1 Tetrachloro-m-xylene

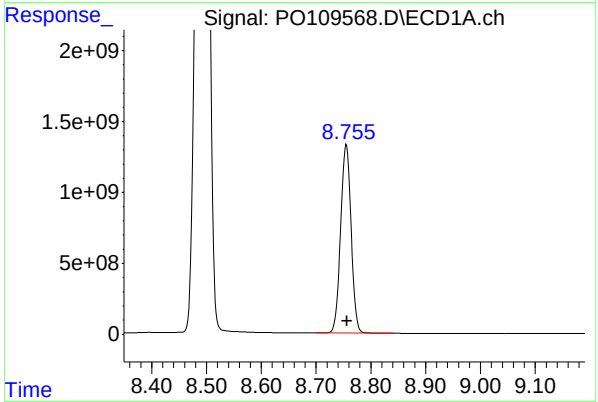
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 212540573
Conc: 22.46 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8A



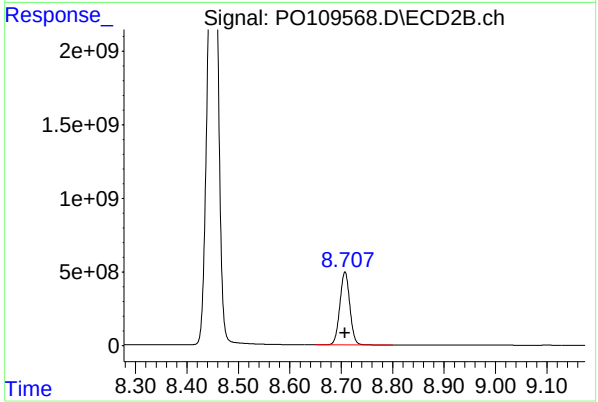

#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.001 min
Response: 124874170
Conc: 23.86 ng/ml



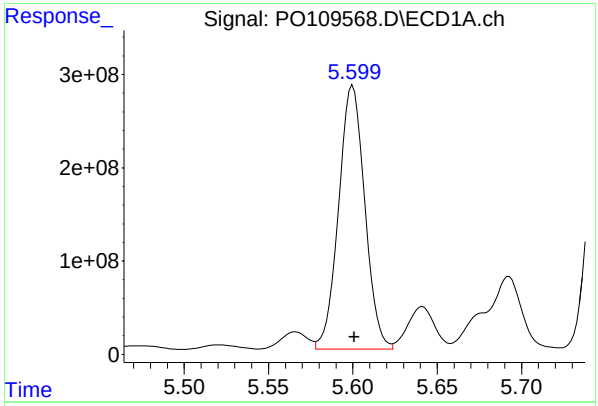

#2 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 14076600004
Conc: 1636.46 ng/ml




#2 Decachlorobiphenyl

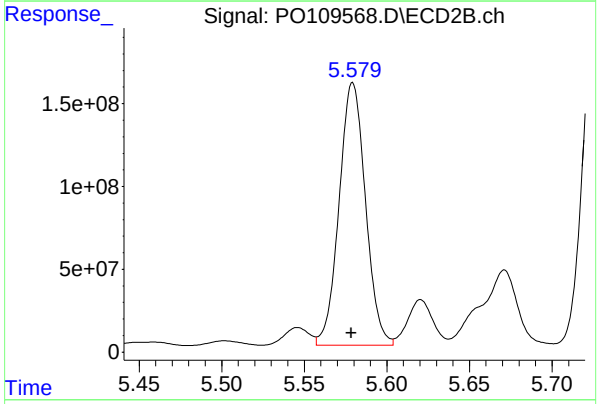
R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 6675679756
Conc: 2096.46 ng/ml




#26 AR-1254-1

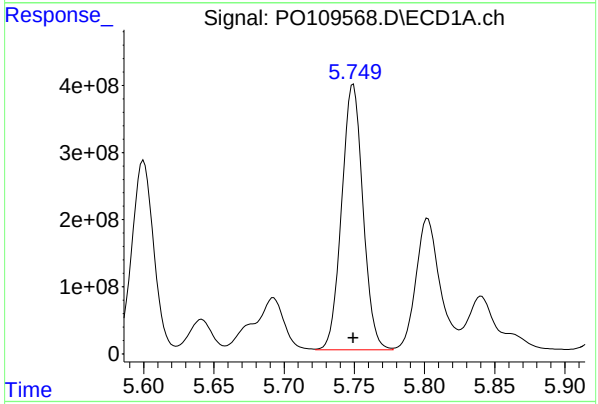
R.T.: 5.600 min
Delta R.T.: 0.000 mi
Response: 3054587676
Conc: 5924.26 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8A



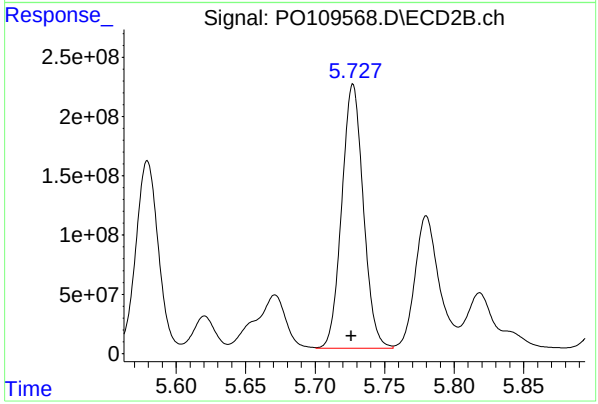

#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 1763149038
Conc: 6741.46 ng/ml



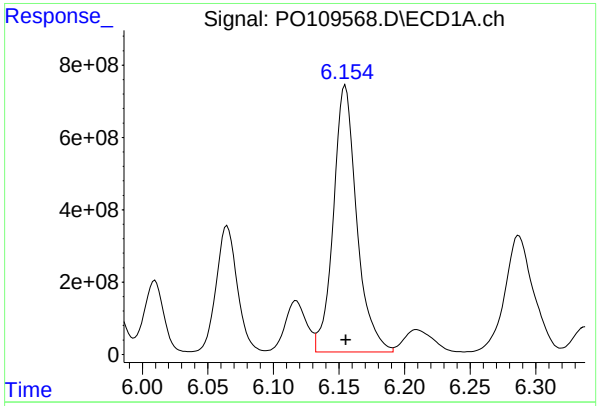

#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 4180079260
Conc: 9281.34 ng/ml




#27 AR-1254-2

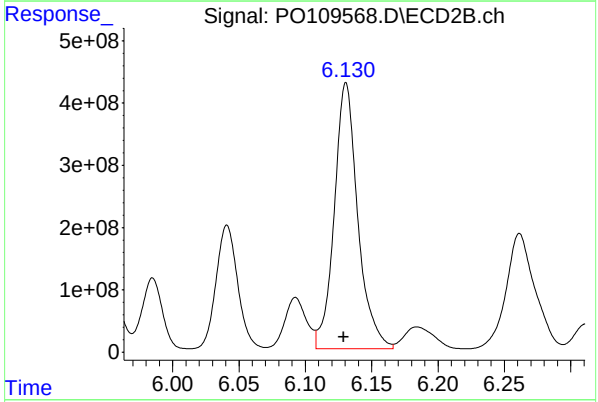
R.T.: 5.727 min
Delta R.T.: 0.001 min
Response: 2408469875
Conc: 10267.97 ng/ml




#28 AR-1254-3

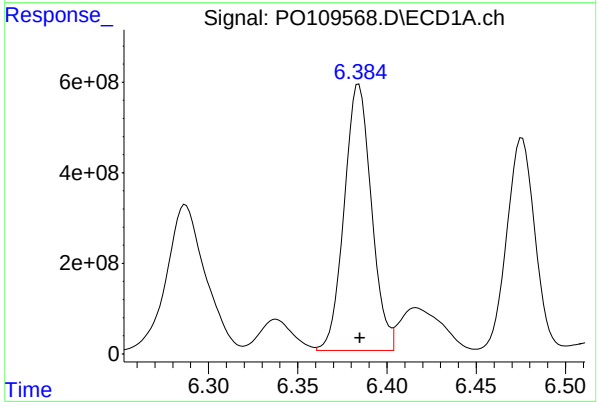
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 9145394843
Conc: 12773.69 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8A



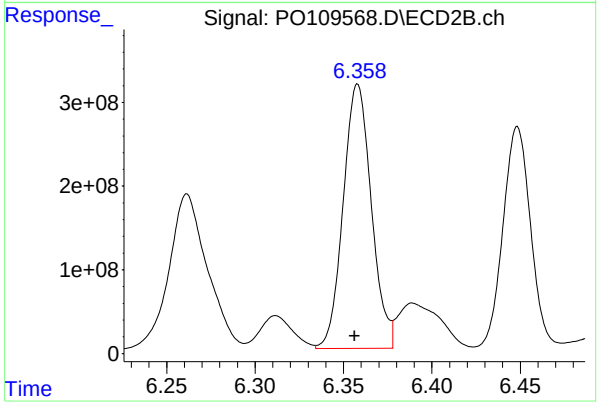

#28 AR-1254-3

R.T.: 6.131 min
Delta R.T.: 0.002 min
Response: 5291198438
Conc: 14833.56 ng/ml



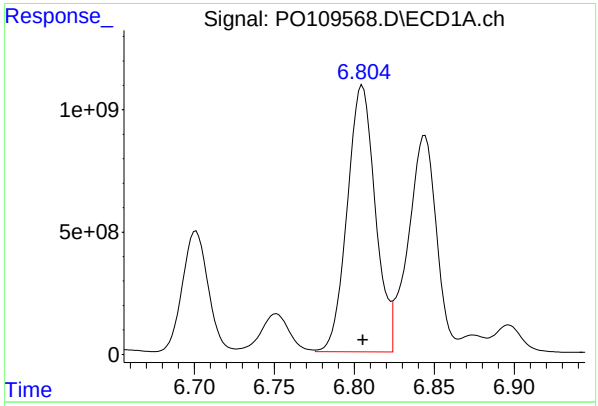

#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 6248858825
Conc: 14921.17 ng/ml




#29 AR-1254-4

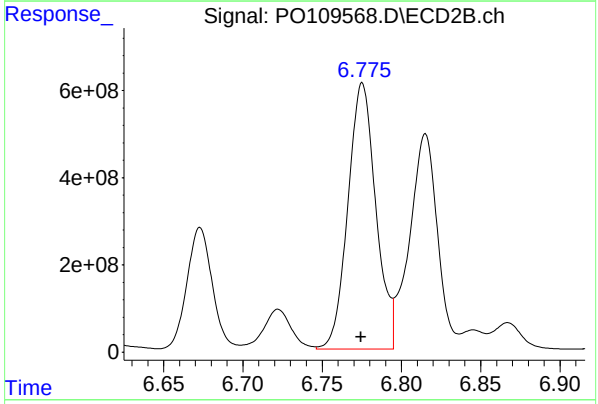
R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 3499937611
Conc: 18122.80 ng/ml




#30 AR-1254-5

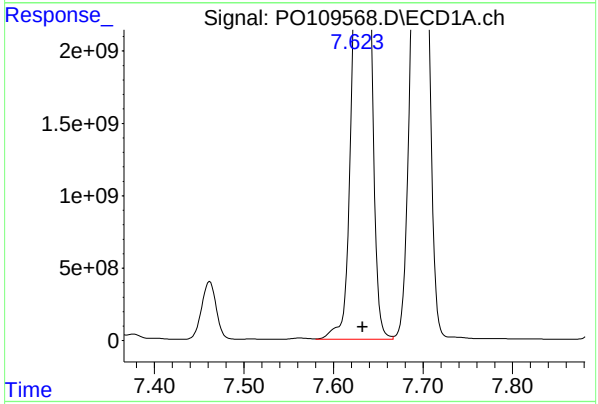
R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 13296977997
Conc: 21312.57 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8A



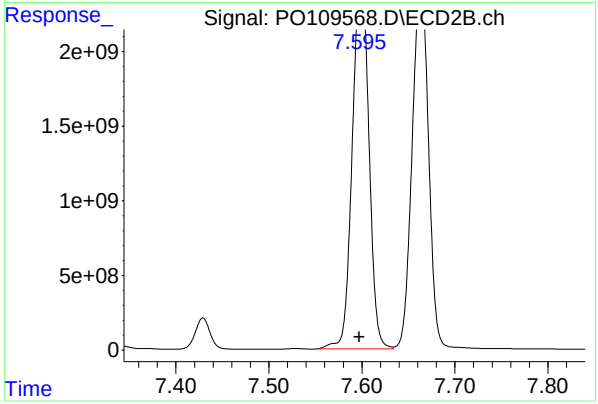

#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 7492560477
Conc: 25250.24 ng/ml



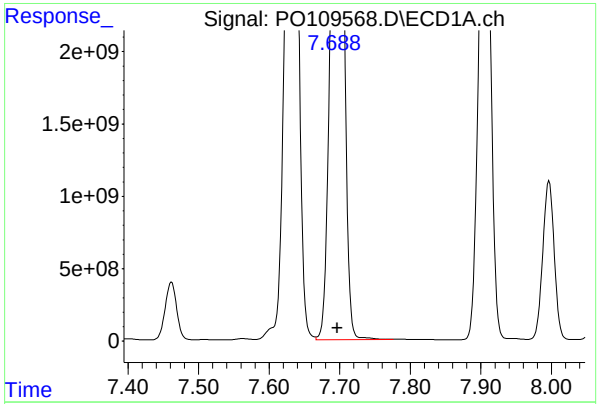

#41 AR-1268-1

R.T.: 7.627 min
Delta R.T.: -0.005 min
Response: 31846826254
Conc: 24049.53 ng/ml




#41 AR-1268-1

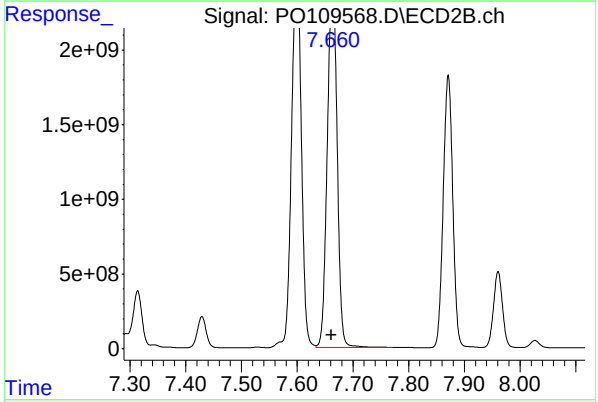
R.T.: 7.600 min
Delta R.T.: 0.003 min
Response: 29573881344
Conc: 51755.77 ng/ml




#42 AR-1268-2

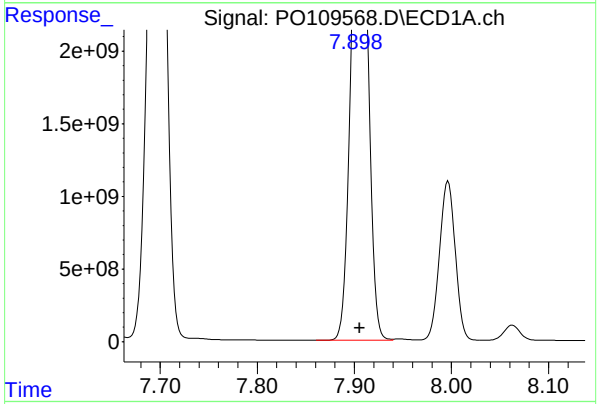
R.T.: 7.692 min
Delta R.T.: -0.004 min
Response: 30903065298
Conc: 25558.60 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8A



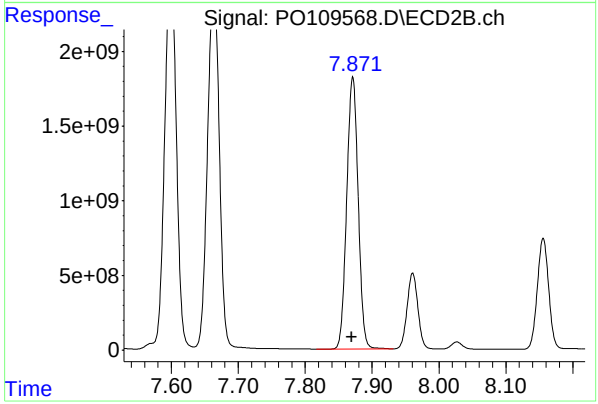

#42 AR-1268-2

R.T.: 7.664 min
Delta R.T.: 0.002 min
Response: 28972102029
Conc: 55190.87 ng/ml



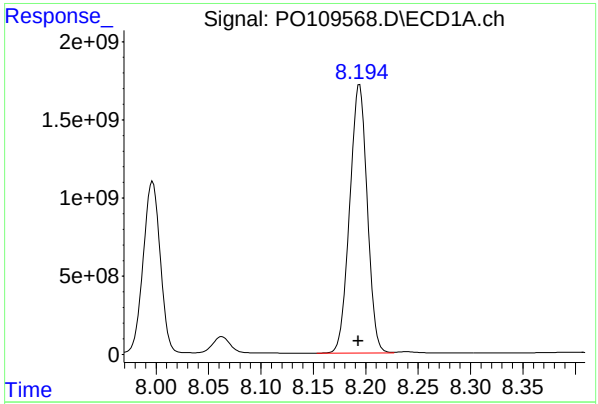

#43 AR-1268-3

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 27657819038
Conc: 27164.03 ng/ml




#43 AR-1268-3

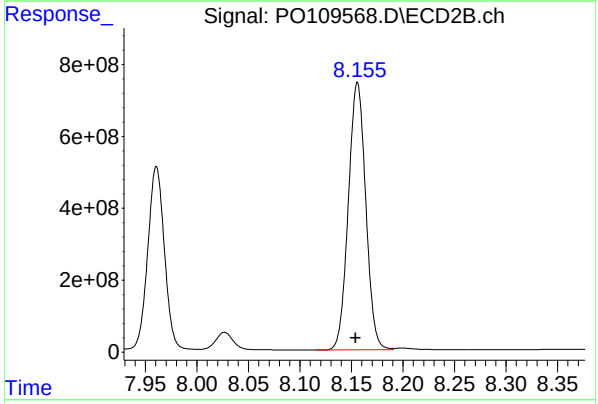
R.T.: 7.871 min
Delta R.T.: 0.002 min
Response: 21612823792
Conc: 50492.09 ng/ml




#44 AR-1268-4

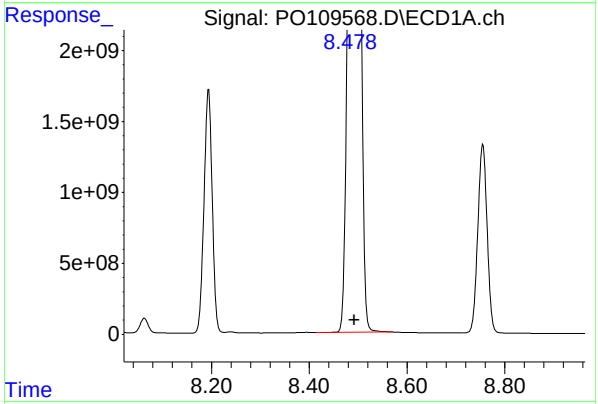
R.T.: 8.194 min
Delta R.T.: 0.001 min
Response: 16474872487
Conc: 38777.29 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8A



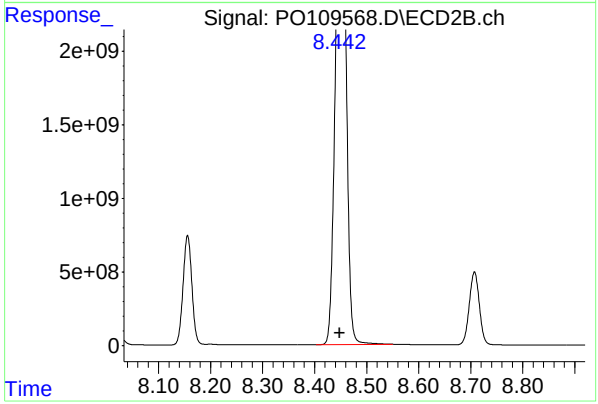

#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: 0.002 min
Response: 8751004991
Conc: 54241.18 ng/ml




#45 AR-1268-5

R.T.: 8.481 min
Delta R.T.: -0.011 min
Response: 40395069191
Conc: 13377.39 ng/ml




#45 AR-1268-5

R.T.: 8.456 min
Delta R.T.: 0.008 min
Response: 39025062064
Conc: 35699.82 ng/ml

Raw Data: **PO109608.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-8ADL | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-01DL | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 83.2 Decanted: |
| Sample Wt/Vol: | 30.02 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109608.D | 25 | 02/27/25 09:15 | 02/28/25 21:12 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 102 | UD | 102 | 510 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 192 | UD | 192 | 510 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 102 | UD | 102 | 510 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 102 | UD | 102 | 510 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 237 | UD | 237 | 510 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 7400 | D | 82.0 | 510 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 137 | UD | 137 | 510 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 28000 | ED | 103 | 510 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 87.4 | UD | 87.4 | 510 | ug/kg |
| Total PCBs | Total PCBs | 35000 | D | 185 | 510 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 30.8 | * | 32 - 144 | 154% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 2690 | * | 32 - 175 | 13435% | SPK: 20 |

Comments:

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

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

Sample Results: **PO109608.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109608.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 21:12
Operator : YP/AJ
Sample : Q1436-01DL 25X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:31:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.695 | 3.693 | 11679193 | 6142584 | 1.234m | 1.174 |
| 2) | SA Decachlor... | 8.754 | 8.706 | 861.9E6 | 342.2E6 | 100.202 | 107.481 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.600 | 5.579 | 172.6E6 | 93254851 | 334.753 | 356.563 |
| 27) | L6 AR-1254-2 | 5.749 | 5.726 | 235.3E6 | 127.3E6 | 522.402 | 542.782 |
| 28) | L6 AR-1254-3 | 6.155 | 6.129 | 496.2E6 | 262.7E6 | 693.046 | 736.565 |
| 29) | L6 AR-1254-4 | 6.384 | 6.357 | 319.8E6 | 163.5E6 | 763.651 | 846.815 |
| 30) | L6 AR-1254-5 | 6.805 | 6.776 | 692.9E6 | 353.0E6 | 1110.522 | 1189.729 |
| 41) | L9 AR-1268-1 | 7.632 | 7.598 | 3734.1E6 | 1705.9E6 | 2819.831 | 2985.454 |
| 42) | L9 AR-1268-2 | 7.697 | 7.663 | 3543.9E6 | 1631.9E6 | 2931.028 | 3108.770 |
| 43) | L9 AR-1268-3 | 7.906 | 7.871 | 2505.6E6 | 1108.5E6 | 2460.872 | 2589.669 |
| 44) | L9 AR-1268-4 | 8.193 | 8.155 | 993.2E6 | 418.5E6 | 2337.783 | 2593.791 |
| 45) | L9 AR-1268-5 | 8.492 | 8.449 | 7194.0E6 | 2844.3E6 | 2382.403 | 2601.924 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109608.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 21:12
Operator : YP/AJ
Sample : Q1436-01DL 25X
Misc :
ALS Vial : 32 Sample Multiplier: 1

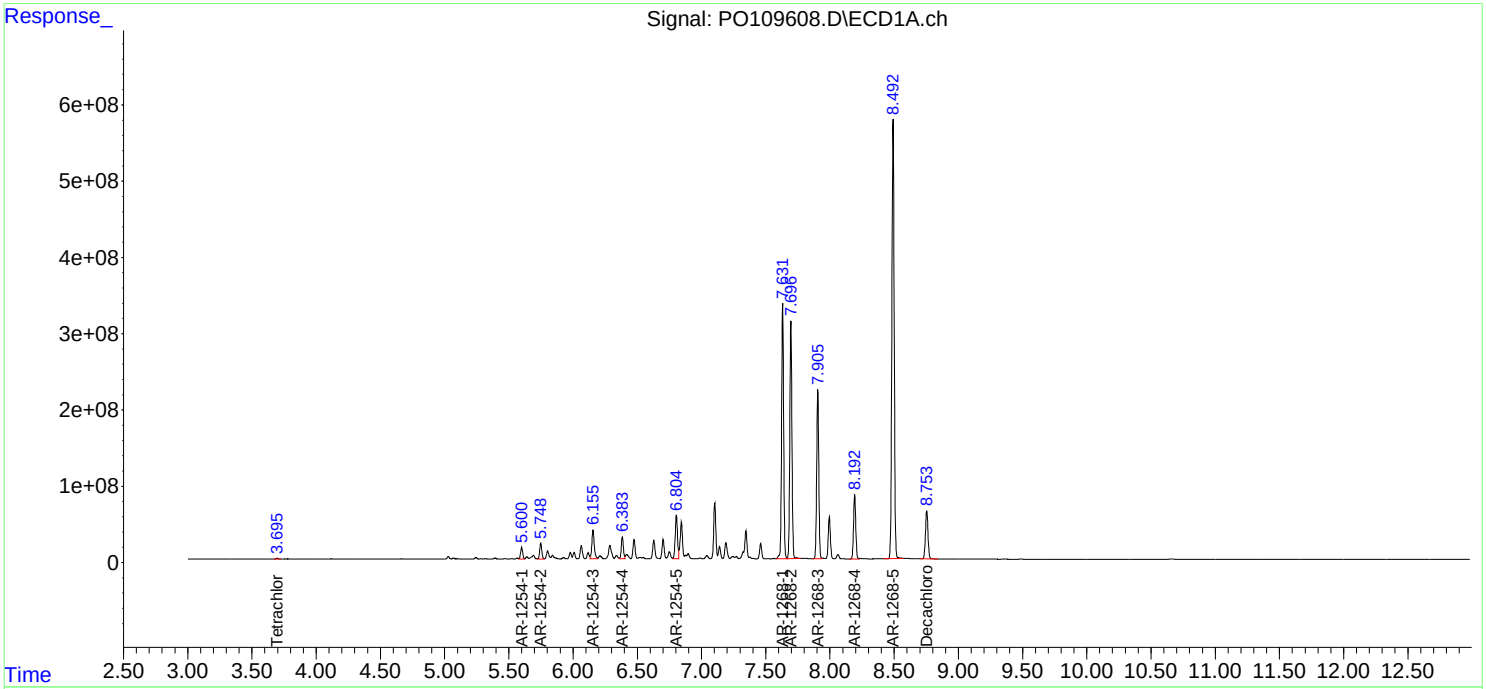
**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL

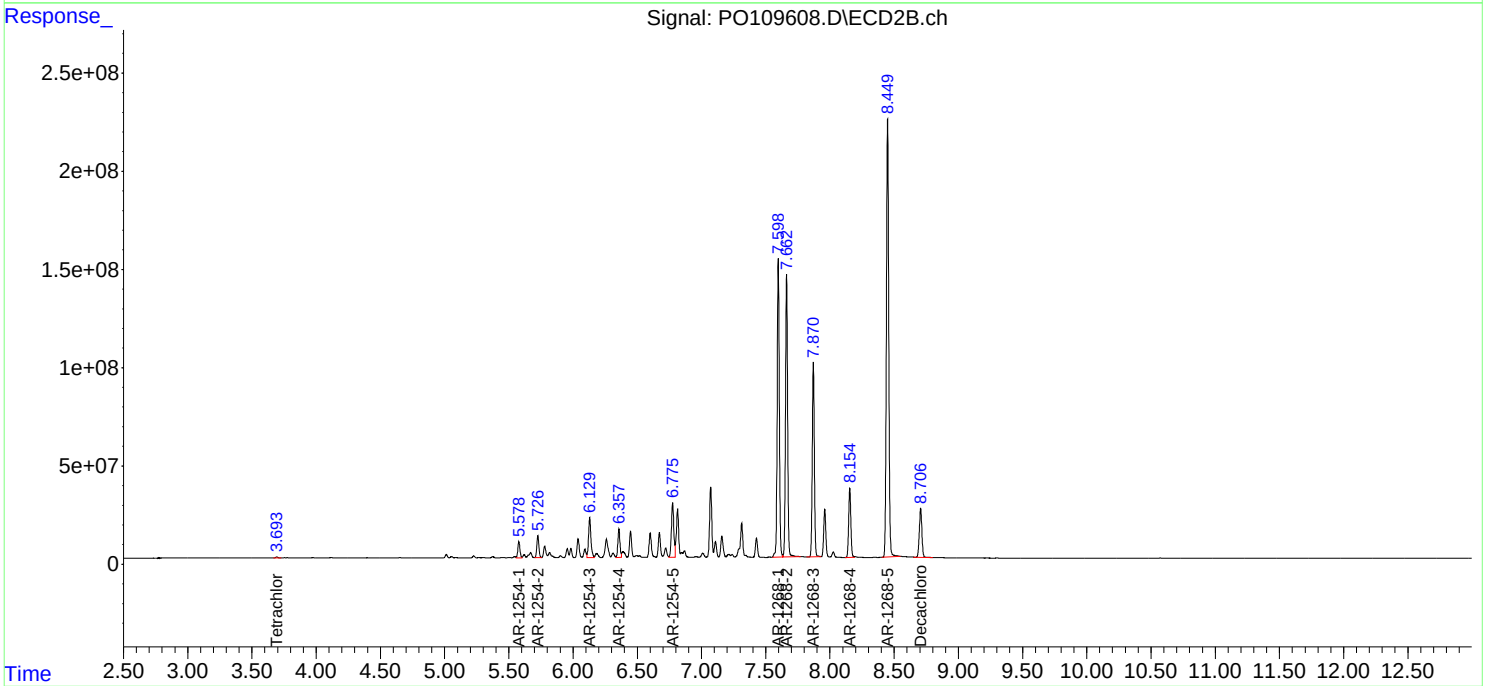
**Manual Integrations APPROVED**

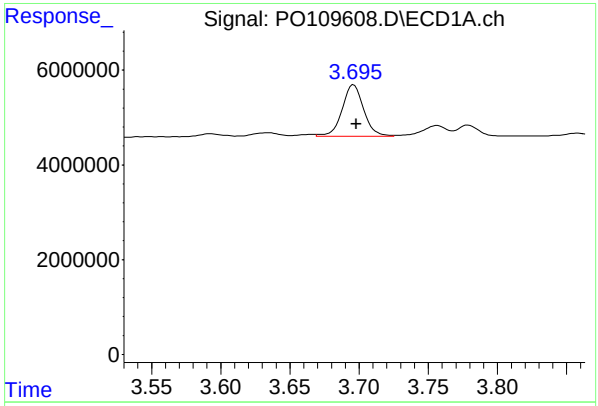
Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:31:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





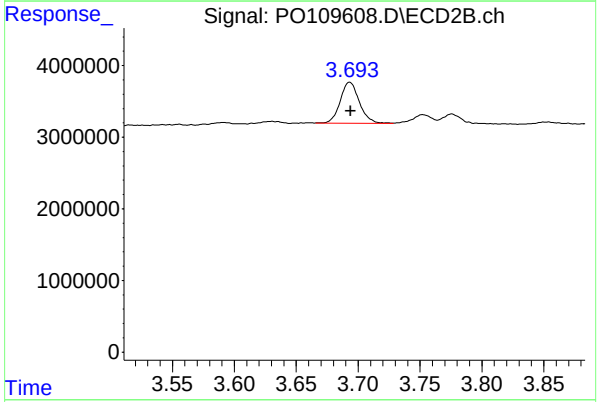

#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 11679193
Conc: 1.23 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL

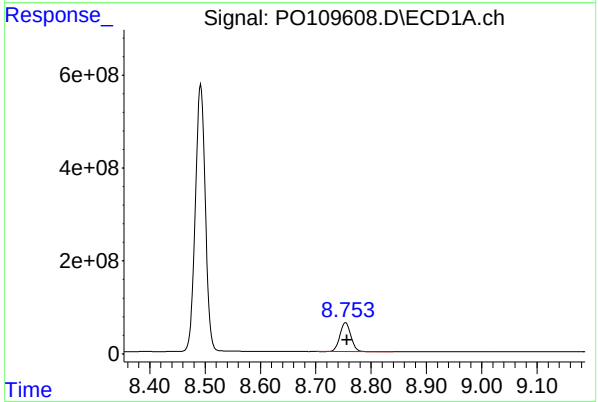
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



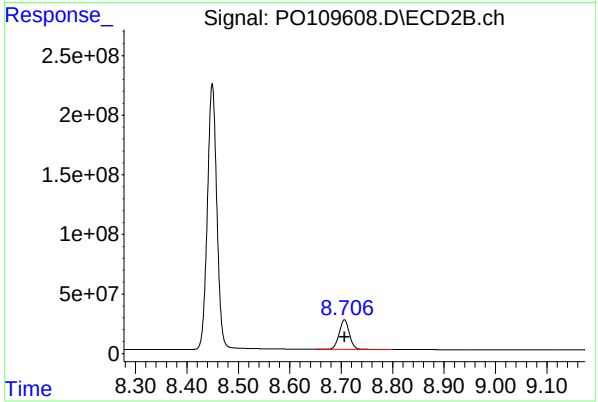

#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 6142584
Conc: 1.17 ng/ml



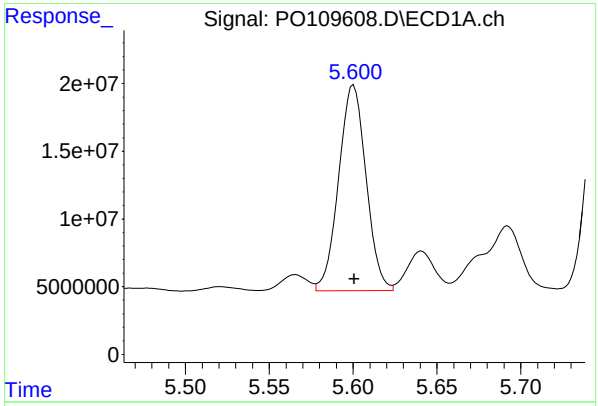

#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.003 min
Response: 861922560
Conc: 100.20 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 342248562
Conc: 107.48 ng/ml



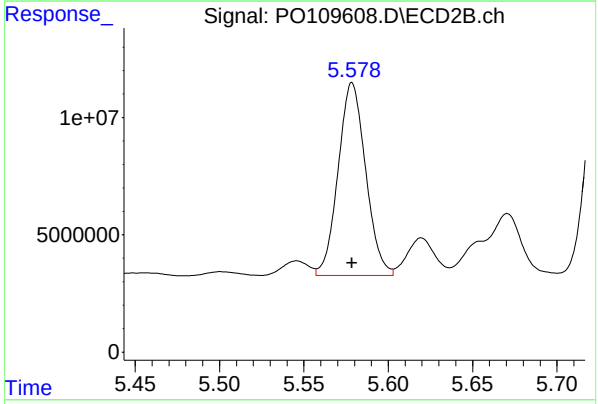

#26 AR-1254-1

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 172600974
Conc: 334.75 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL

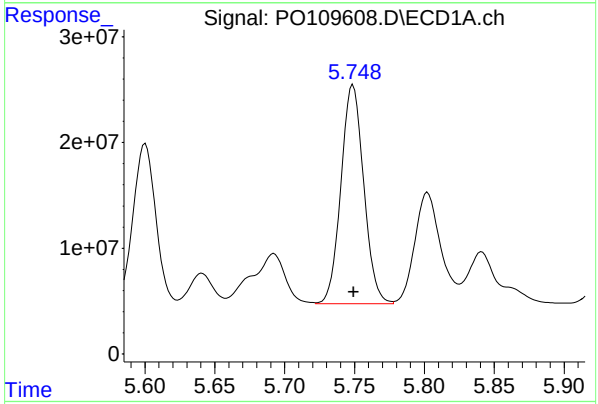
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



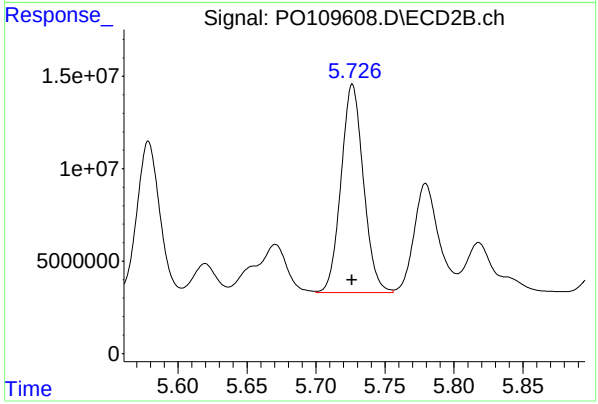

#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 93254851
Conc: 356.56 ng/ml



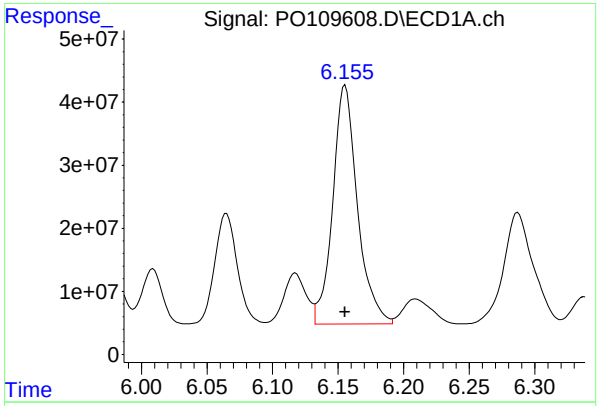

#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 235276782
Conc: 522.40 ng/ml




#27 AR-1254-2

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 127315820
Conc: 542.78 ng/ml



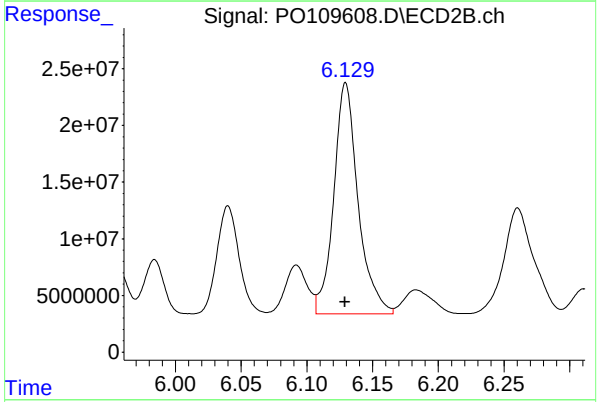

#28 AR-1254-3

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 496189944
Conc: 693.05 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL

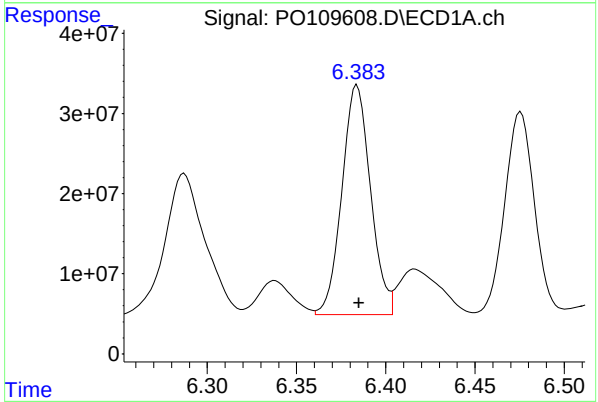
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



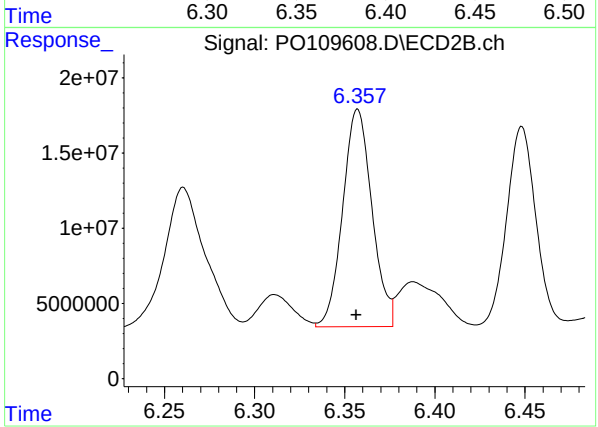

#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 262736145
Conc: 736.57 ng/ml



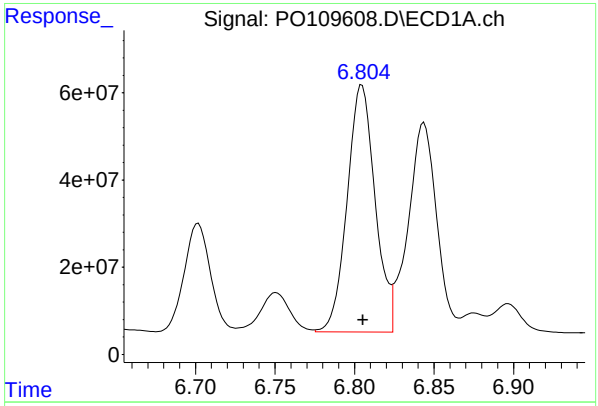

#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 319810653
Conc: 763.65 ng/ml




#29 AR-1254-4

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 163539706
Conc: 846.81 ng/ml



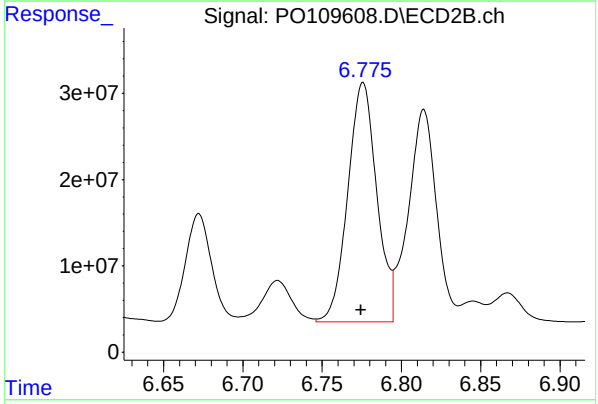

#30 AR-1254-5

R.T.: 6.805 min
Delta R.T.: 0.000 mi
Response: 692858169
Conc: 1110.52 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL

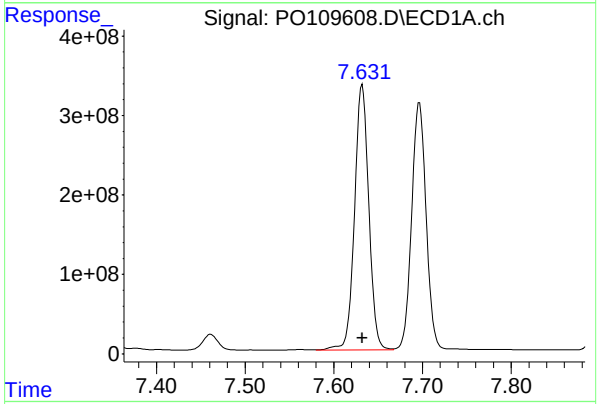
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



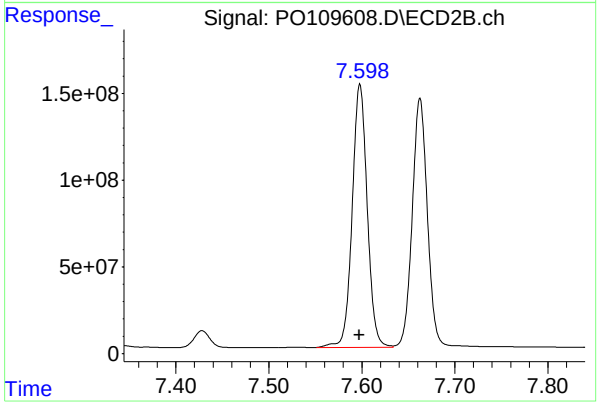

#30 AR-1254-5

R.T.: 6.776 min
Delta R.T.: 0.001 min
Response: 353030925
Conc: 1189.73 ng/ml



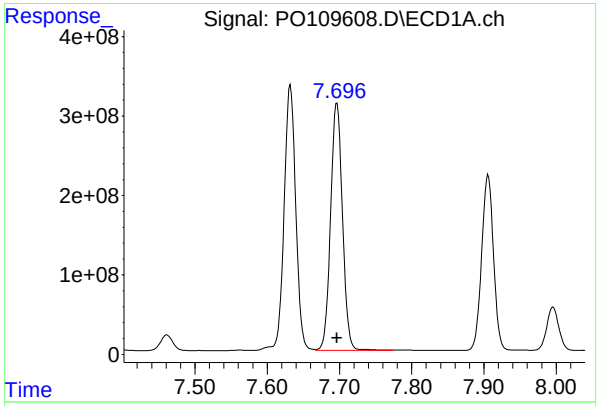

#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 3734072258
Conc: 2819.83 ng/ml




#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 1705924853
Conc: 2985.45 ng/ml



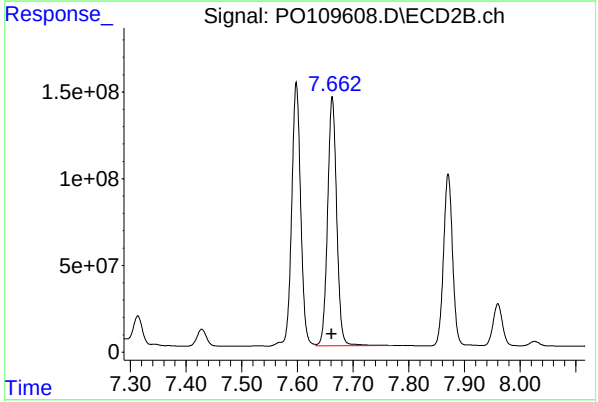

#42 AR-1268-2

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 3543924670
Conc: 2931.03 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL

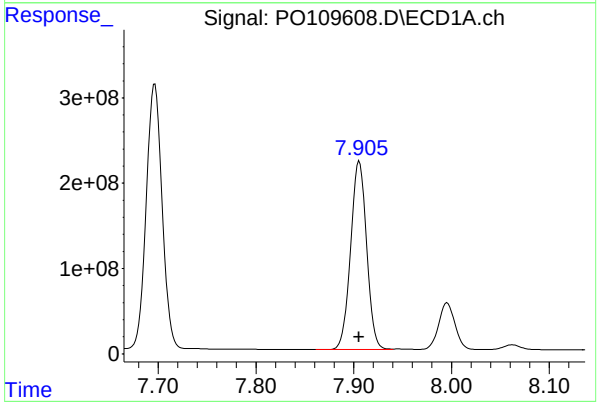
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



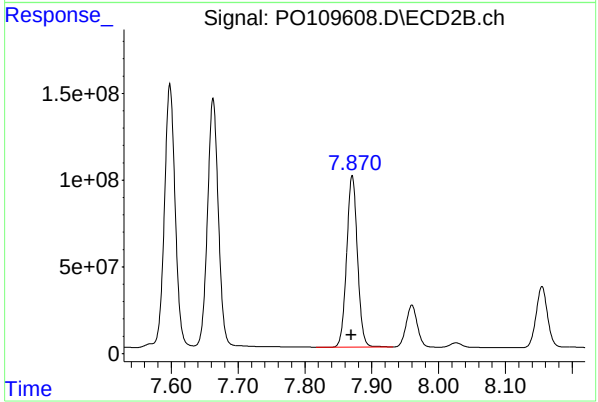

#42 AR-1268-2

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 1631929327
Conc: 3108.77 ng/ml



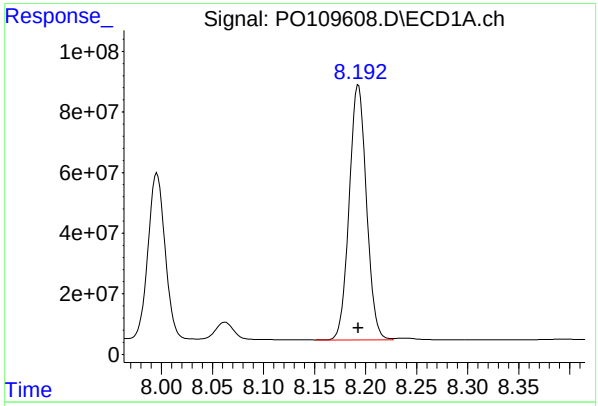

#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 2505605157
Conc: 2460.87 ng/ml




#43 AR-1268-3

R.T.: 7.871 min
Delta R.T.: 0.001 min
Response: 1108491472
Conc: 2589.67 ng/ml



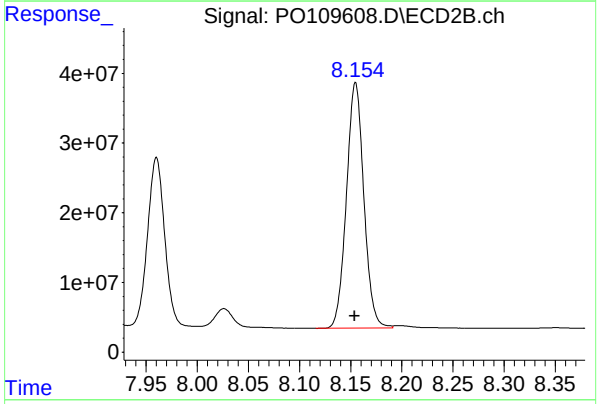

#44 AR-1268-4

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 993227809
Conc: 2337.78 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL

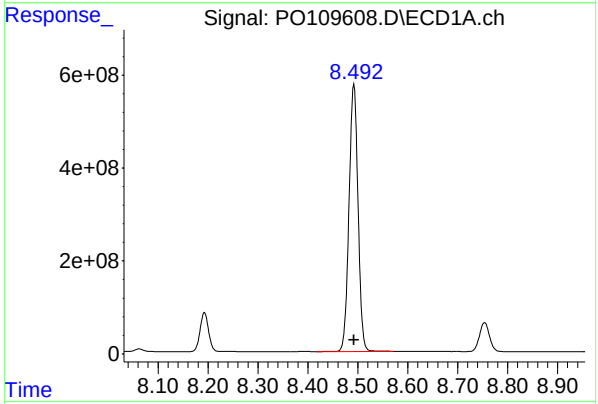
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



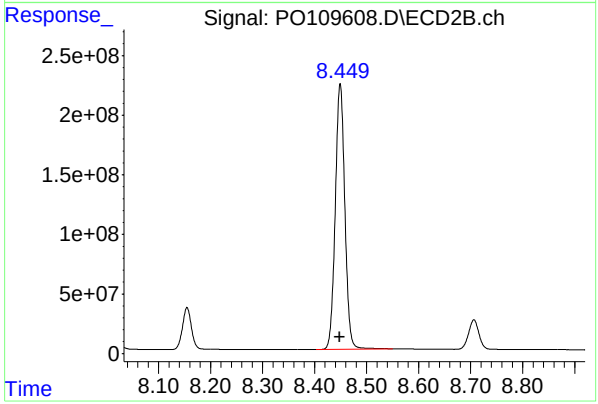

#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 418469453
Conc: 2593.79 ng/ml




#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 7194026072
Conc: 2382.40 ng/ml




#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.001 min
Response: 2844279081
Conc: 2601.92 ng/ml

Raw Data: **PO109609.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-8ADL2 | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-01DL2 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 83.2 Decanted: |
| Sample Wt/Vol: | 30.02 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109609.D | 100 | 02/27/25 09:15 | 02/28/25 21:30 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 407 | UD | 407 | 2000 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 770 | UD | 770 | 2000 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 408 | UD | 408 | 2000 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 407 | UD | 407 | 2000 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 948 | UD | 948 | 2000 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 8300 | D | 328 | 2000 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 549 | UD | 549 | 2000 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 29000 | D | 412 | 2000 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 350 | UD | 350 | 2000 | ug/kg |
| Total PCBs | Total PCBs | 37000 | D | 740 | 2000 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 0 | * | 32 - 144 | 0% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 0 | * | 32 - 175 | 0% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109609.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 21:30
Operator : YP/AJ
Sample : Q1436-01DL2 100X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:31:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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 | | | | | | |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.599 | 5.578 | 52028702 | 28061750 | 100.908 | 107.295 |
| 27) | L6 AR-1254-2 | 5.748 | 5.726 | 70613730 | 38466648 | 156.789 | 163.994 |
| 28) | L6 AR-1254-3 | 6.154 | 6.129 | 139.8E6 | 74395303 | 195.324 | 208.563 |
| 29) | L6 AR-1254-4 | 6.383 | 6.356 | 88364005 | 45720390 | 210.998 | 236.742 |
| 30) | L6 AR-1254-5 | 6.804 | 6.775 | 186.4E6 | 96334503 | 298.805 | 324.651 |
| 41) | L9 AR-1268-1 | 7.631 | 7.598 | 949.3E6 | 441.8E6 | 716.876 | 773.170 |
| 42) | L9 AR-1268-2 | 7.696 | 7.662 | 899.5E6 | 420.3E6 | 743.932 | 800.683 |
| 43) | L9 AR-1268-3 | 7.904 | 7.869 | 637.0E6 | 288.7E6 | 625.670 | 674.534 |
| 44) | L9 AR-1268-4 | 8.192 | 8.154 | 260.5E6 | 113.5E6 | 613.121 | 703.468 |
| 45) | L9 AR-1268-5 | 8.491 | 8.449 | 1801.5E6 | 731.0E6 | 596.590 | 668.756 |

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

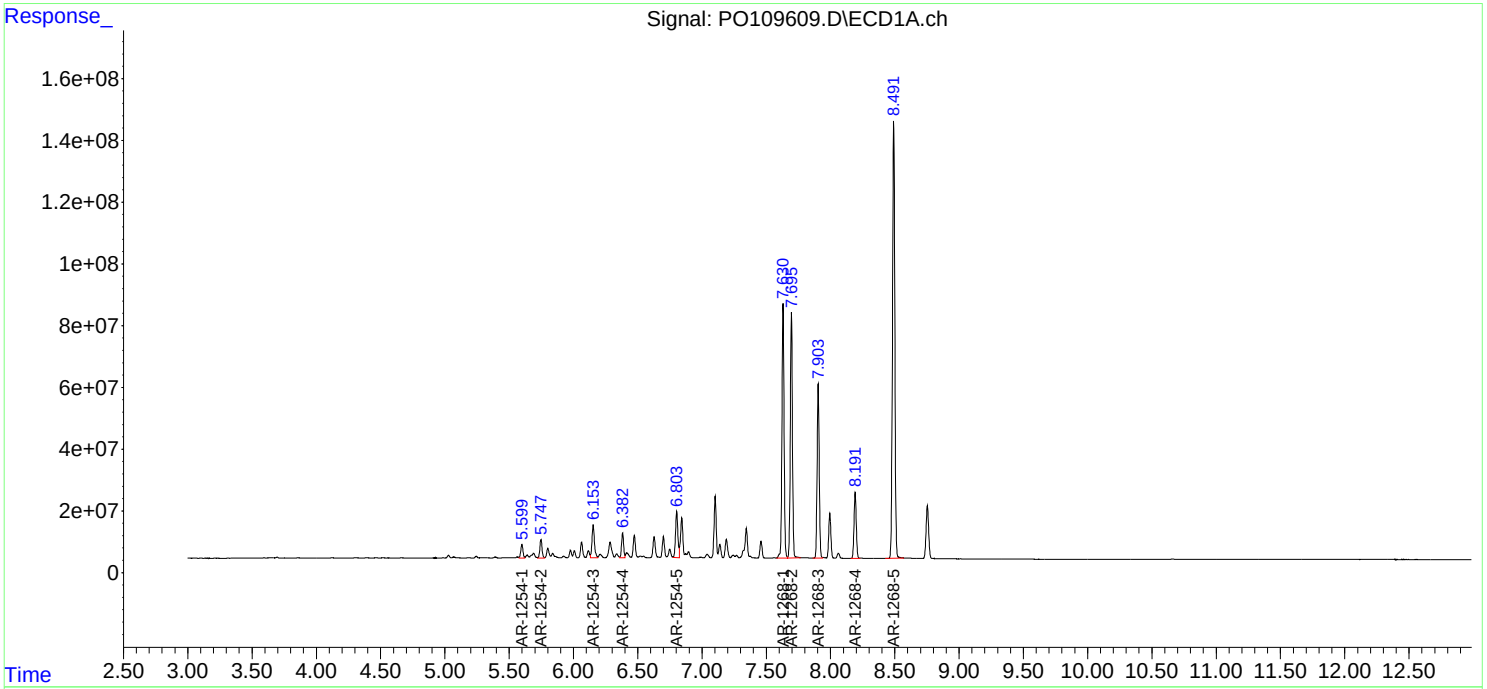
Sample Results: **PO109609.D**

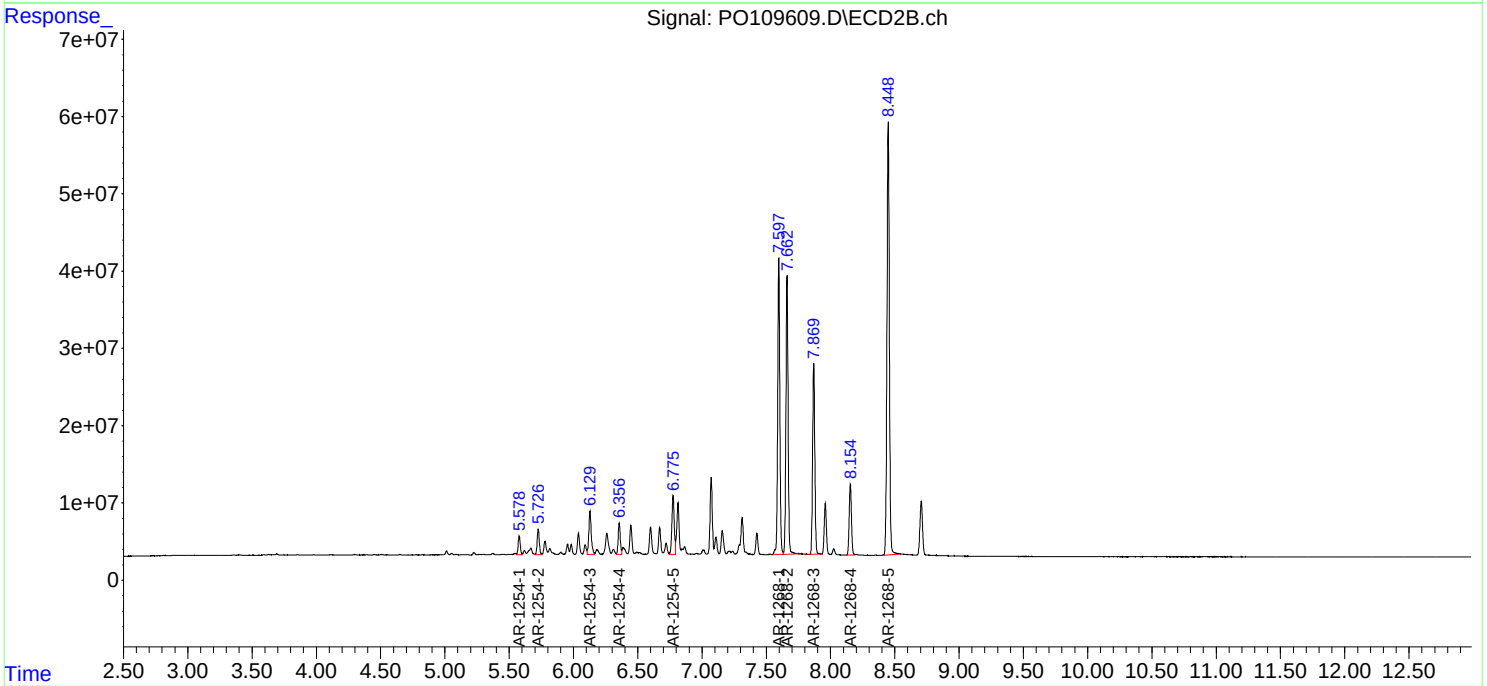
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109609.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 21:30
Operator : YP/AJ
Sample : Q1436-01DL2 100X
Misc :
ALS Vial : 33 Sample Multiplier: 1

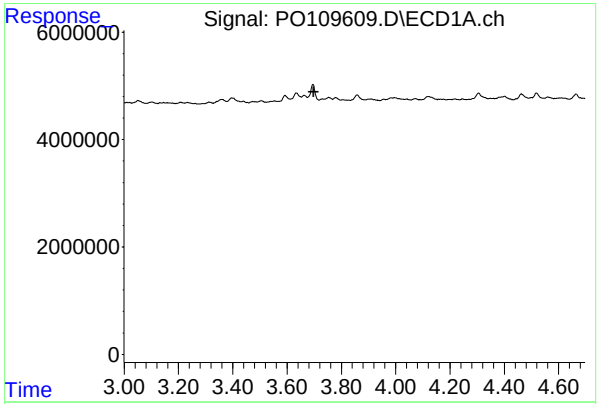
**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:31:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



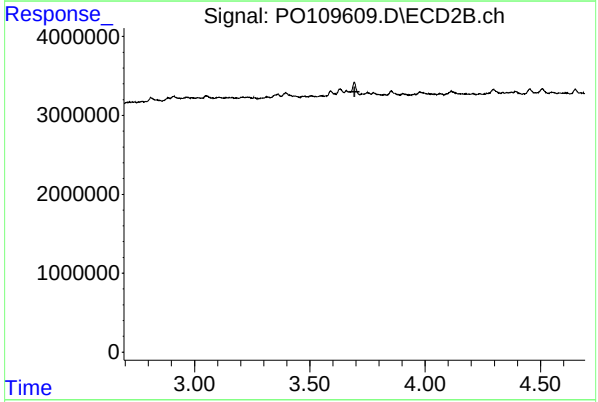






#1 Tetrachloro-m-xylene

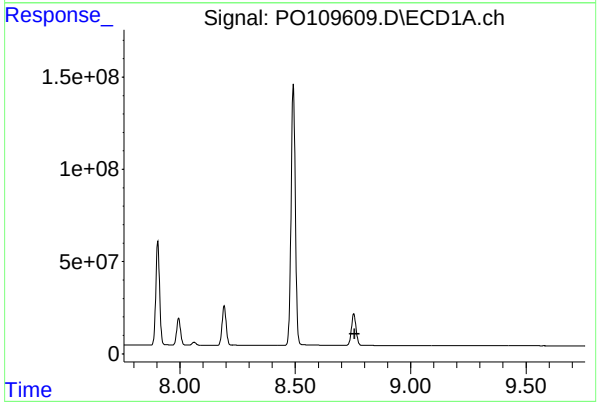
R.T.: 0.000 min
Exp R.T. : 3.698 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL2



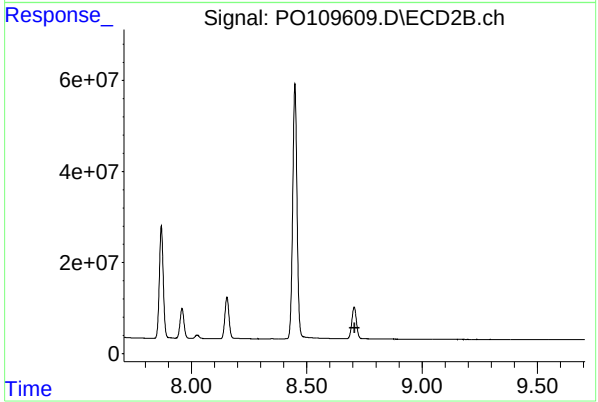

#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.694 min
Response: 0
Conc: N.D.



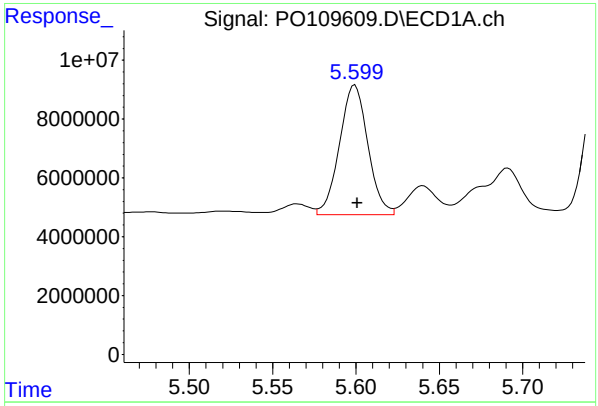

#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.757 min
Response: 0
Conc: N.D.




#2 Decachlorobiphenyl

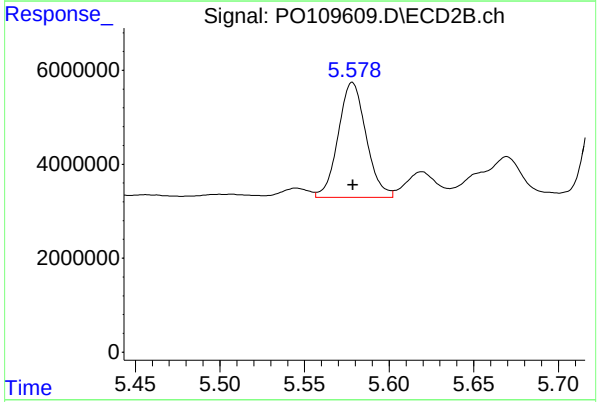
R.T.: 0.000 min
Exp R.T. : 8.707 min
Response: 0
Conc: N.D.




#26 AR-1254-1

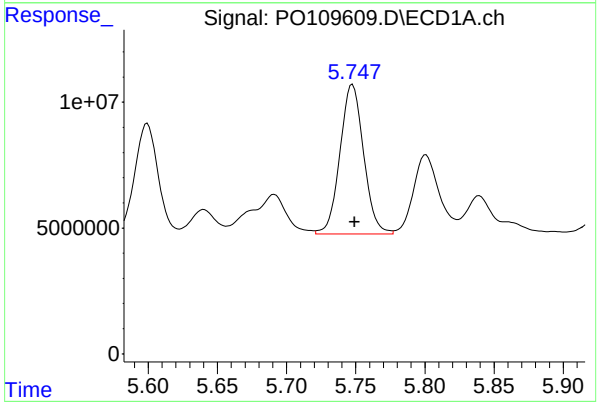
R.T.: 5.599 min
Delta R.T.: -0.001 min
Response: 52028702
Conc: 100.91 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL2



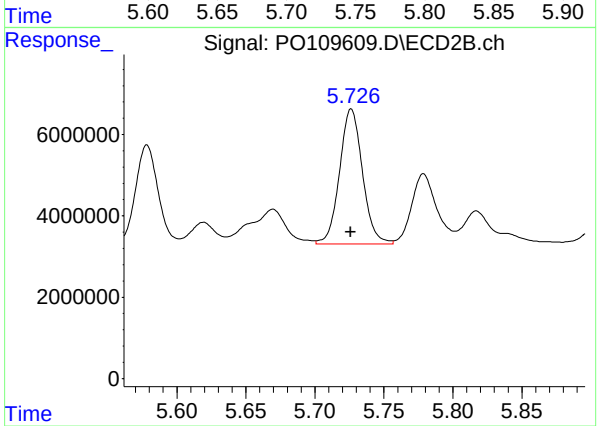

#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 28061750
Conc: 107.29 ng/ml



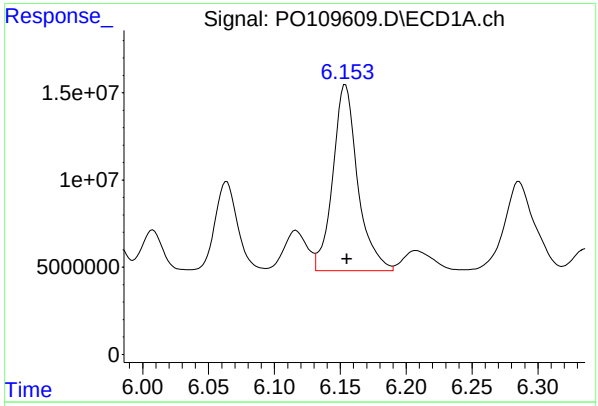

#27 AR-1254-2

R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 70613730
Conc: 156.79 ng/ml




#27 AR-1254-2

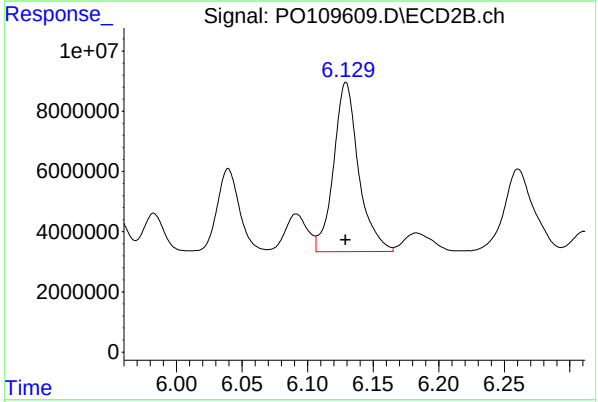
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 38466648
Conc: 163.99 ng/ml




#28 AR-1254-3

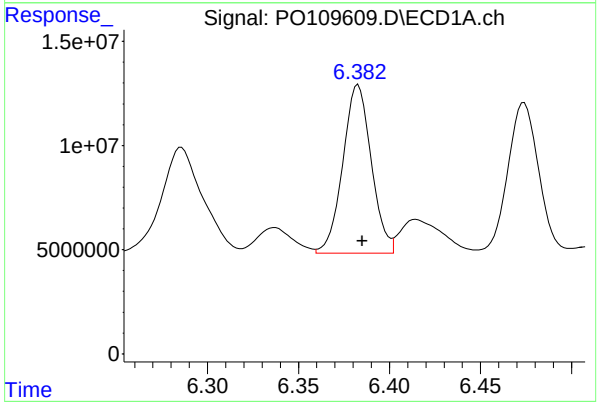
R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 139843263
Conc: 195.32 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL2



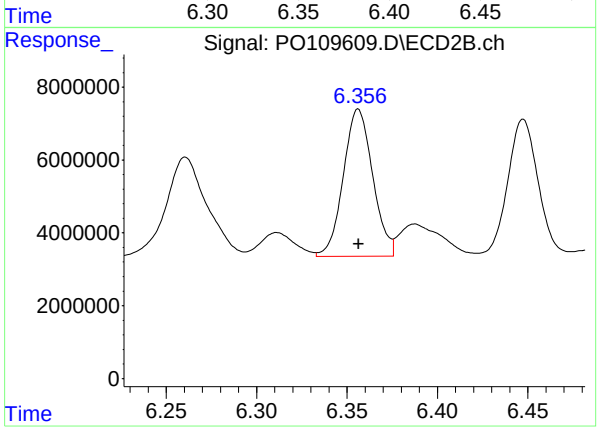

#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 74395303
Conc: 208.56 ng/ml



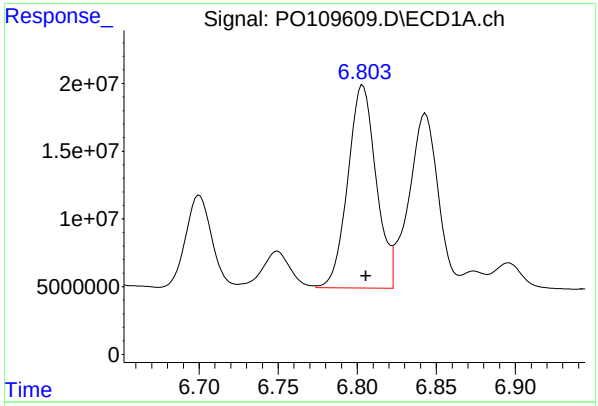

#29 AR-1254-4

R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 88364005
Conc: 211.00 ng/ml




#29 AR-1254-4

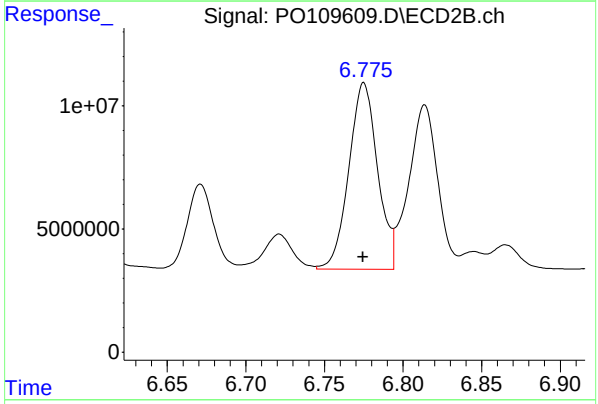
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 45720390
Conc: 236.74 ng/ml




#30 AR-1254-5

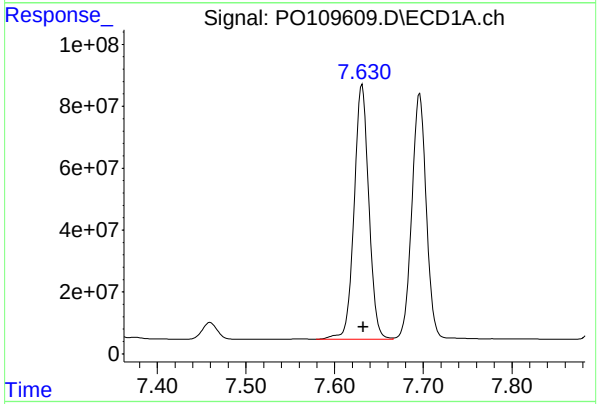
R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 186425256
Conc: 298.80 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL2



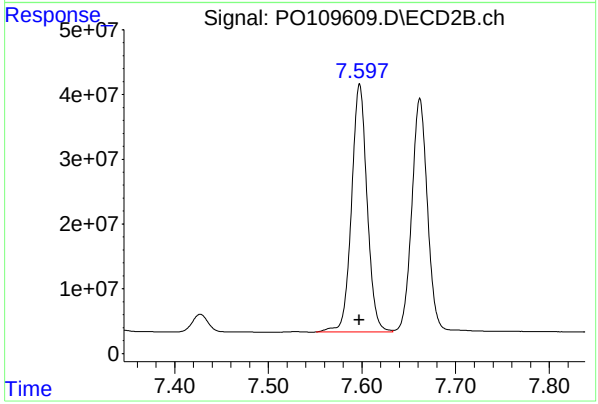

#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 96334503
Conc: 324.65 ng/ml



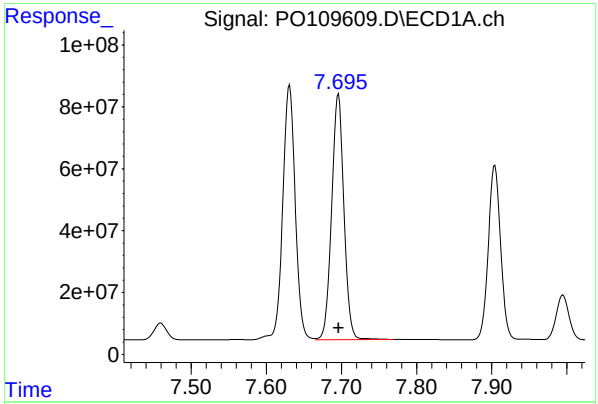

#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 949300535
Conc: 716.88 ng/ml




#41 AR-1268-1

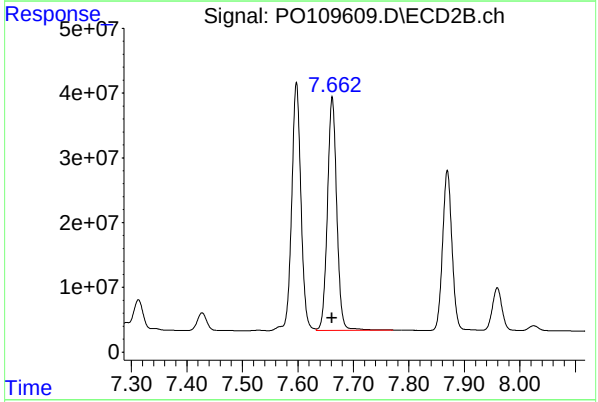
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 441798561
Conc: 773.17 ng/ml




#42 AR-1268-2

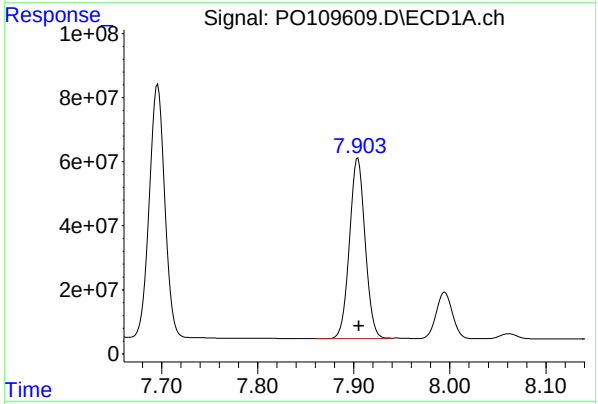
R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 899492943
Conc: 743.93 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL2



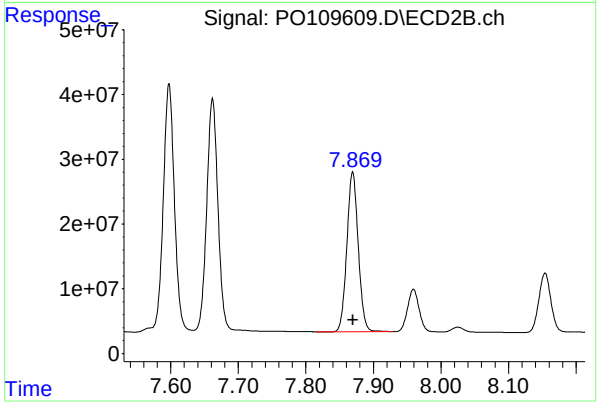

#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 420313431
Conc: 800.68 ng/ml



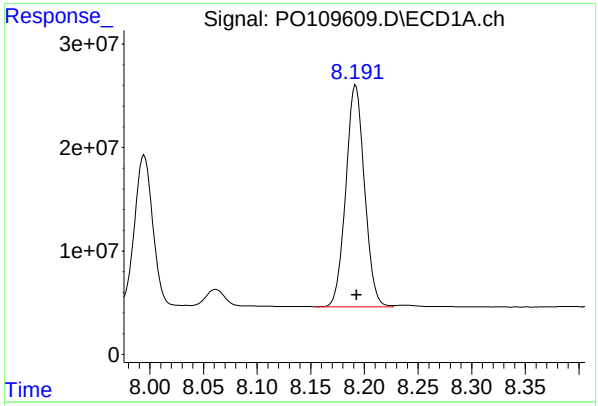

#43 AR-1268-3

R.T.: 7.904 min
Delta R.T.: -0.001 min
Response: 637043814
Conc: 625.67 ng/ml




#43 AR-1268-3

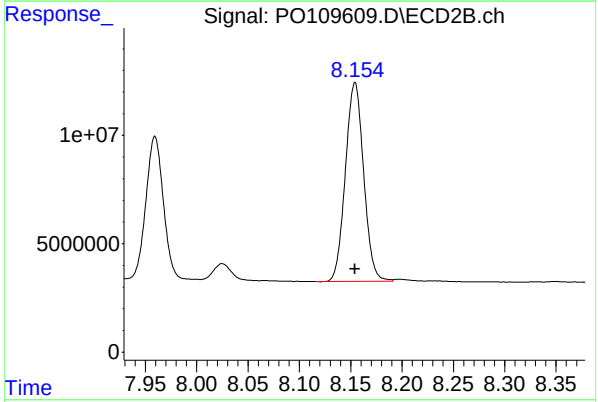
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 288730114
Conc: 674.53 ng/ml




#44 AR-1268-4

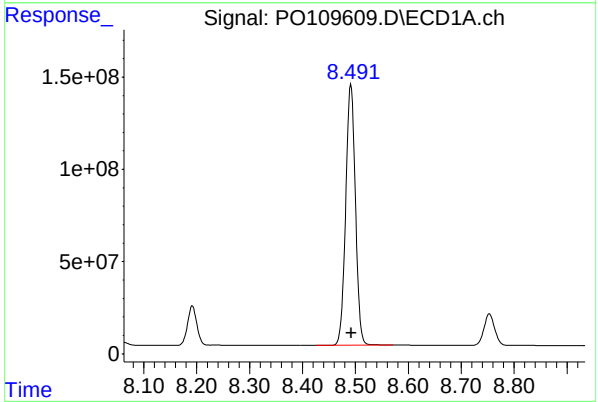
R.T.: 8.192 min
Delta R.T.: -0.001 min
Response: 260489746
Conc: 613.12 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-8ADL2



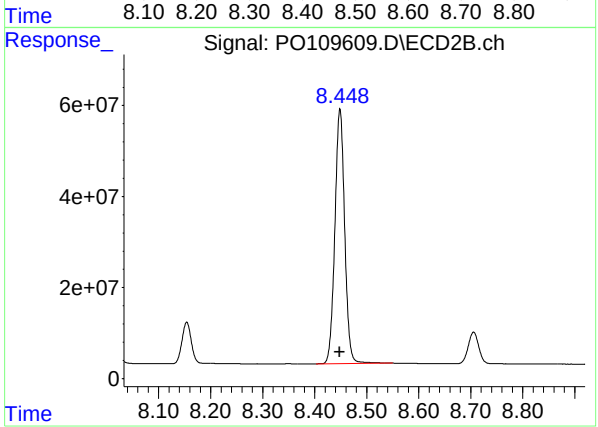

#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 113494040
Conc: 703.47 ng/ml




#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 1801493989
Conc: 596.59 ng/ml




#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 731046449
Conc: 668.76 ng/ml

Raw Data: **PP070319.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-8B | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-02 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 77.7 Decanted: |
| Sample Wt/Vol: | 30.06 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP070319.D | 1 | 03/06/25 11:40 | 03/06/25 18:16 | PB167022 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 4.40 | U | 4.40 | 21.8 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 8.20 | U | 8.20 | 21.8 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 4.40 | U | 4.40 | 21.8 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 4.40 | U | 4.40 | 21.8 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 10.1 | U | 10.1 | 21.8 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 647 | E | 3.50 | 21.8 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 5.90 | U | 5.90 | 21.8 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 246 | | 4.40 | 21.8 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 3.70 | U | 3.70 | 21.8 | ug/kg |
| Total PCBs | Total PCBs | 893 | | 7.90 | 21.8 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 25.1 | | 32 - 144 | 126% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 27.8 | | 32 - 175 | 139% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070319.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 18:16
Operator : YP\AJ
Sample : Q1436-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:34:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.526 | 3.829 | 34453201 | 24010192 | 23.476 | 25.114 | |
| 2) | SA Decachlor... | 10.260 | 8.886 | 31647520 | 29001473 | 27.785 | 26.752 | |
| | Target Compounds | | | | | | | |
| 26) | L6 AR-1254-1 | 6.530 | 5.725 | 51721615 | 36613546 | 912.193 | 670.954 | # |
| 27) | L6 AR-1254-2 | 6.747 | 5.873 | 82132841 | 55606169 | 936.675 | 1140.744 | |
| 28) | L6 AR-1254-3 | 7.110 | 6.278 | 112.5E6 | 110.9E6 | 1262.352 | 1462.325 | |
| 29) | L6 AR-1254-4 | 7.392 | 6.537 | 105.7E6 | 19701780 | 1417.963 | 382.856 | # |
| 30) | L6 AR-1254-5 | 7.811 | 6.925 | 203.0E6 | 163.4E6 | 3023.163 | 2417.550 | |
| 41) | L9 AR-1268-1 | 8.749 | 7.749 | 136.0E6 | 113.8E6 | 708.049 | 686.742 | |
| 42) | L9 AR-1268-2 | 8.843 | 7.813 | 118.9E6 | 118.4E6 | 718.066 | 816.225 | |
| 43) | L9 AR-1268-3 | 9.076 | 8.020 | 58159061 | 50473063 | 405.278 | 412.145 | |
| 44) | L9 AR-1268-4 | 9.496 | 8.315 | 33697188 | 28876481 | 534.459 | 542.944 | |
| 45) | L9 AR-1268-5 | 9.916 | 8.619 | 164.1E6 | 147.9E6 | 394.639 | 416.431 | |

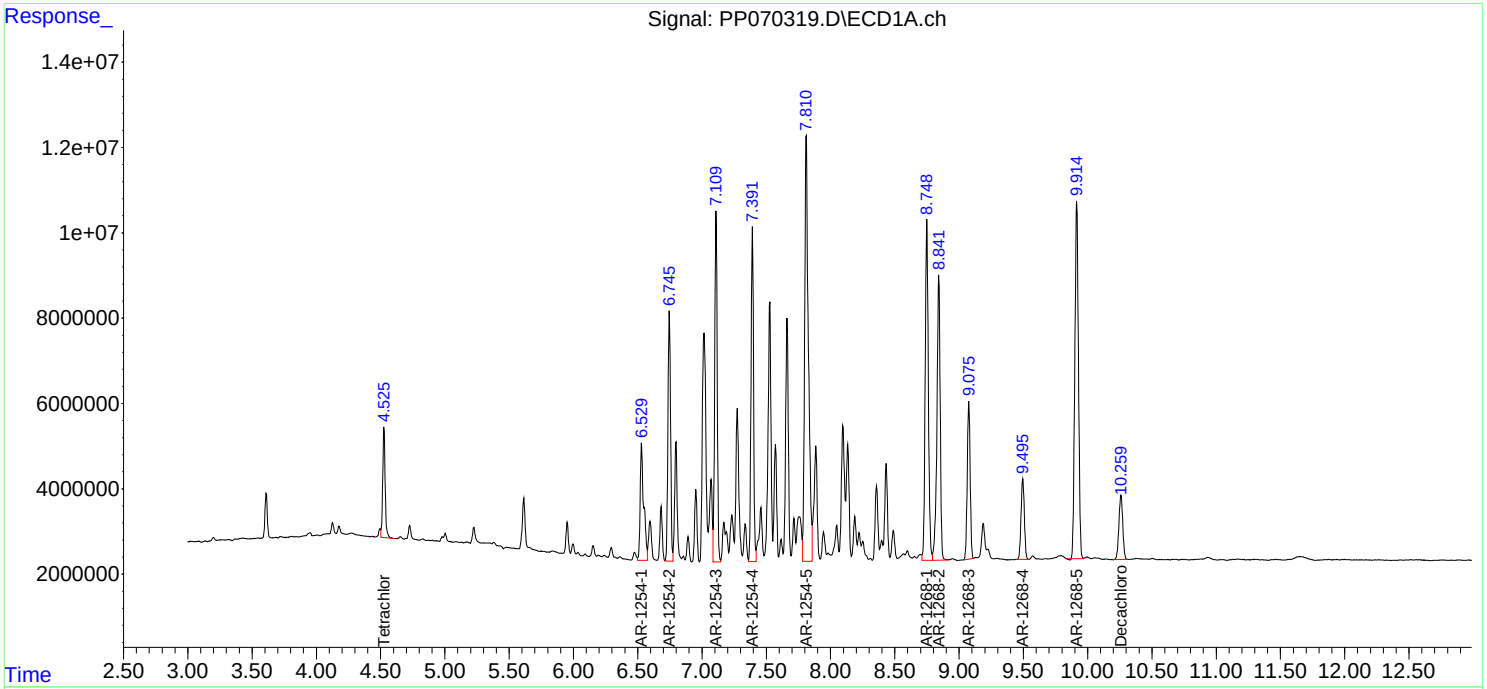
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

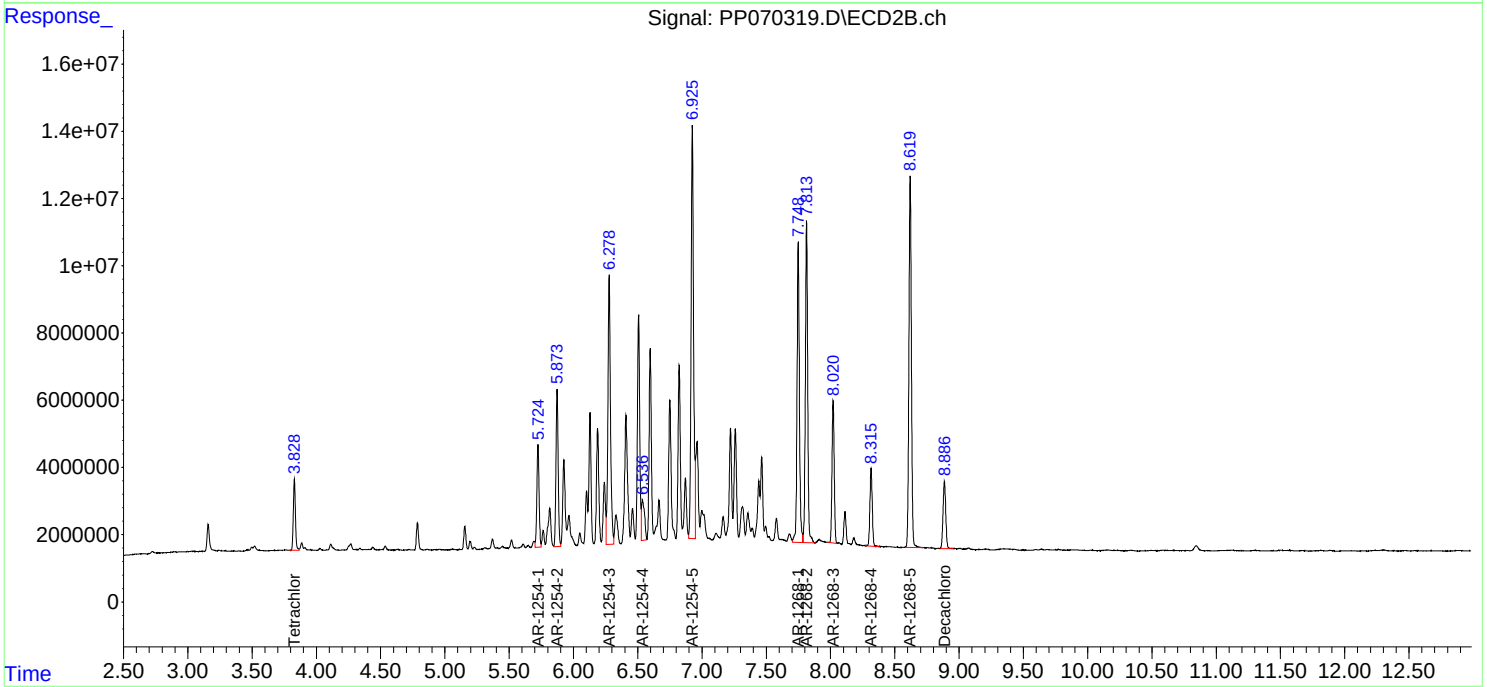
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070319.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 18:16
Operator : YP\AJ
Sample : Q1436-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

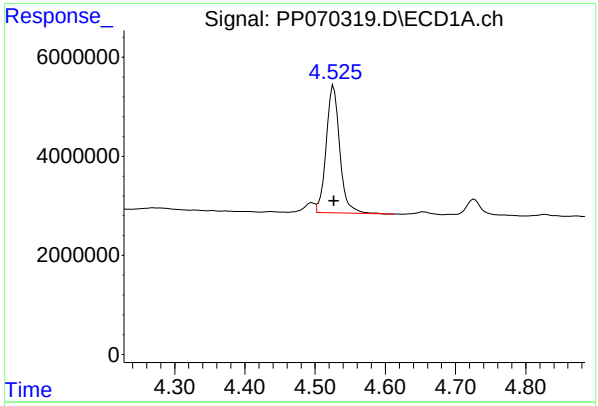
**Instrument :**
ECD_P
**ClientSampleId :**
K084-8B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:34:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



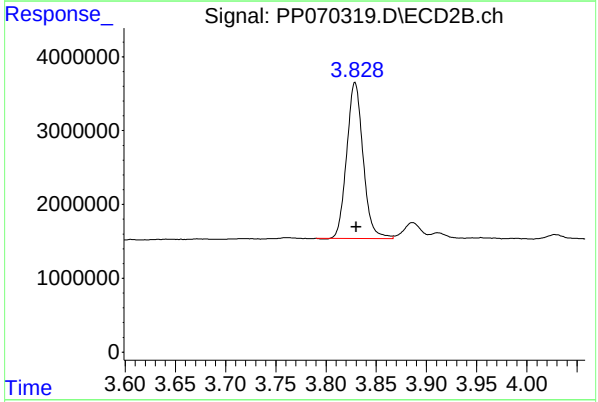






#1 Tetrachloro-m-xylene

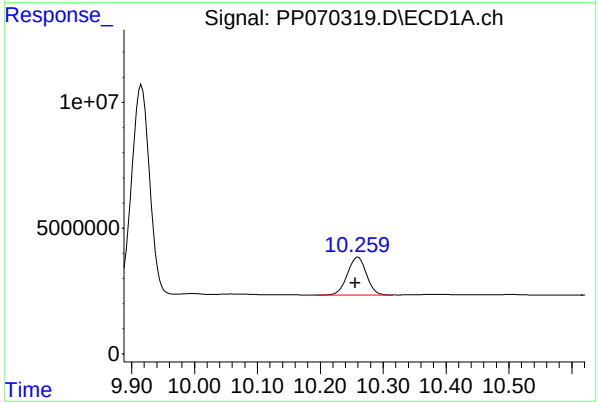
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 34453201
Conc: 23.48 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8B



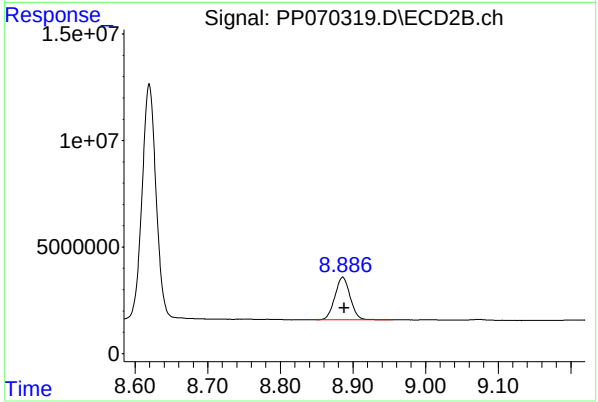

#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.001 min
Response: 24010192
Conc: 25.11 ng/ml



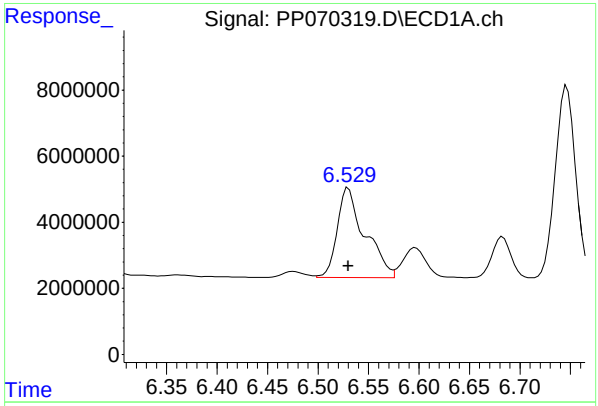

#2 Decachlorobiphenyl

R.T.: 10.260 min
Delta R.T.: 0.004 min
Response: 31647520
Conc: 27.78 ng/ml




#2 Decachlorobiphenyl

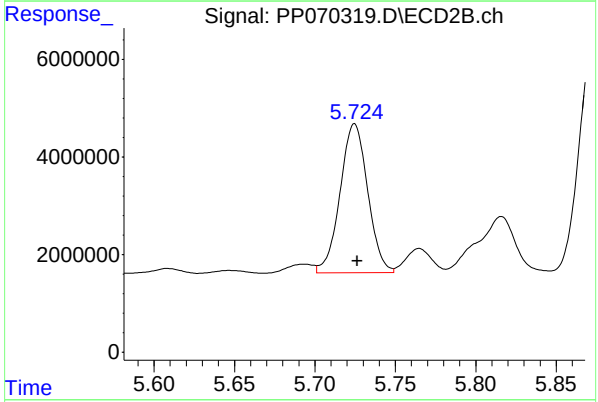
R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 29001473
Conc: 26.75 ng/ml




#26 AR-1254-1

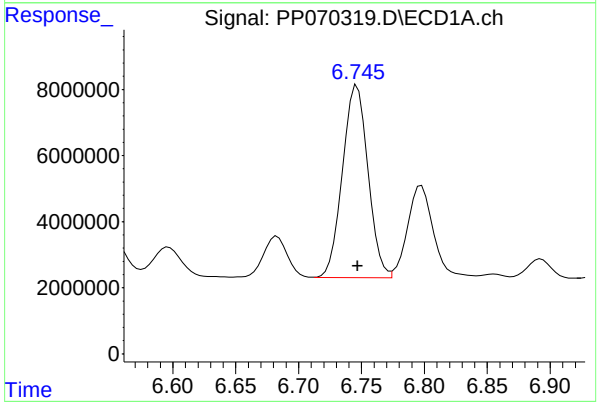
R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 51721615
Conc: 912.19 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8B



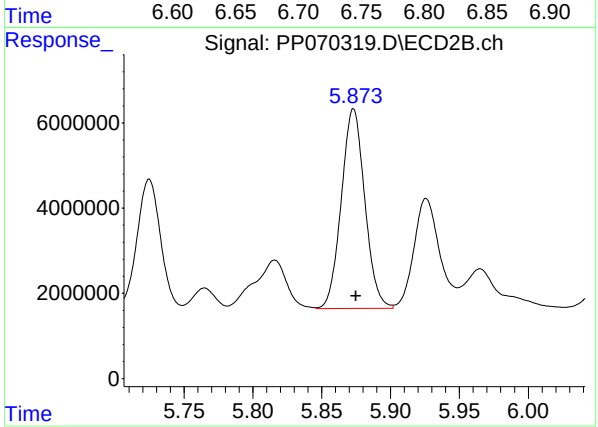

#26 AR-1254-1

R.T.: 5.725 min
Delta R.T.: -0.002 min
Response: 36613546
Conc: 670.95 ng/ml



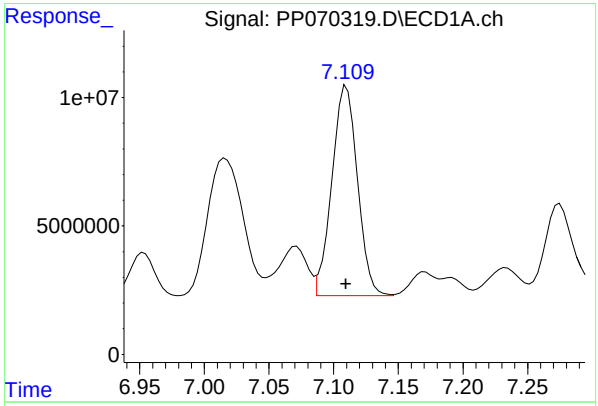

#27 AR-1254-2

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 82132841
Conc: 936.68 ng/ml




#27 AR-1254-2

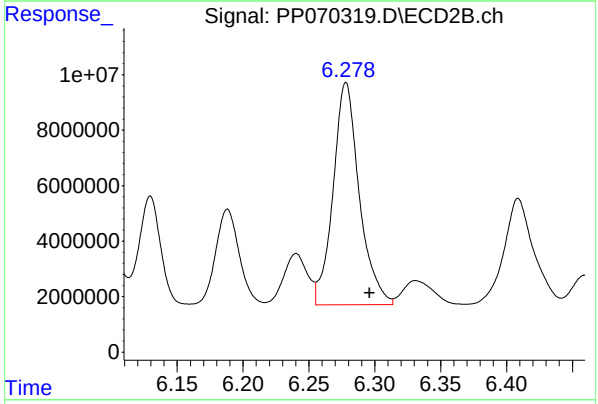
R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 55606169
Conc: 1140.74 ng/ml




#28 AR-1254-3

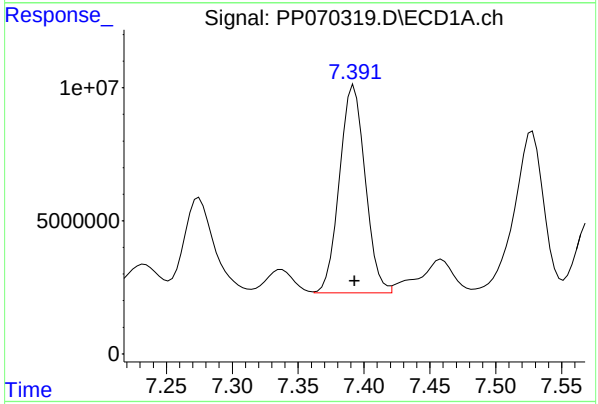
R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 112508859
Conc: 1262.35 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8B



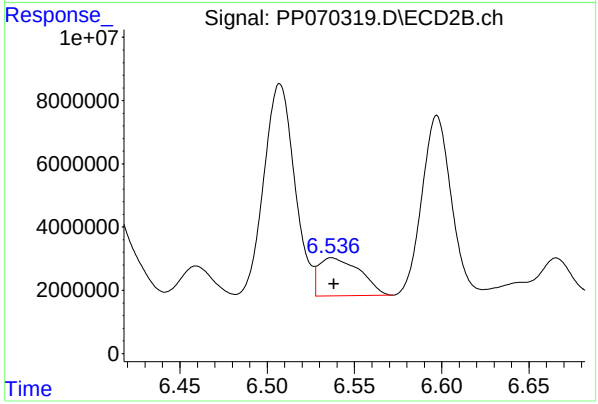

#28 AR-1254-3

R.T.: 6.278 min
Delta R.T.: -0.018 min
Response: 110868518
Conc: 1462.33 ng/ml



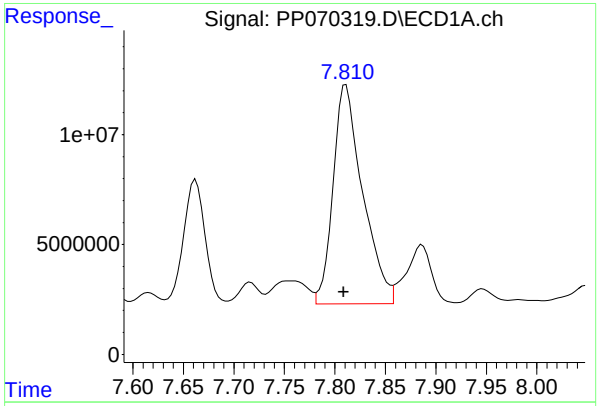

#29 AR-1254-4

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 105654010
Conc: 1417.96 ng/ml




#29 AR-1254-4

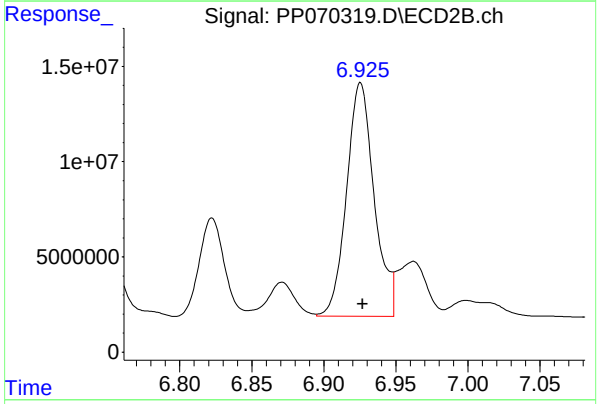
R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 19701780
Conc: 382.86 ng/ml




#30 AR-1254-5

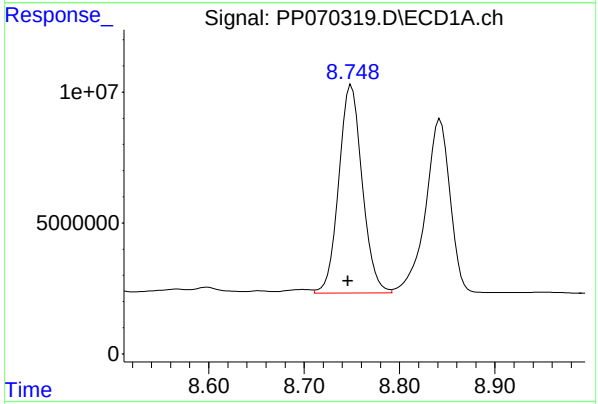
R.T.: 7.811 min
Delta R.T.: 0.002 mi
Response: 203042547
Conc: 3023.16 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8B



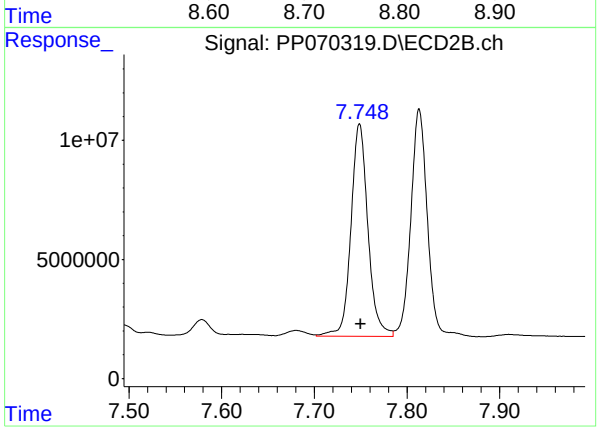

#30 AR-1254-5

R.T.: 6.925 min
Delta R.T.: -0.002 min
Response: 163351958
Conc: 2417.55 ng/ml



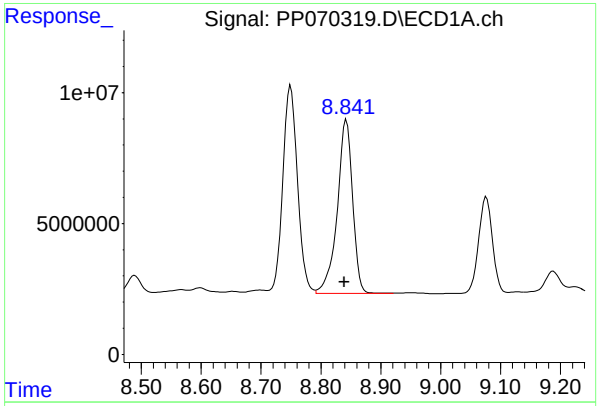

#41 AR-1268-1

R.T.: 8.749 min
Delta R.T.: 0.003 min
Response: 136011621
Conc: 708.05 ng/ml




#41 AR-1268-1

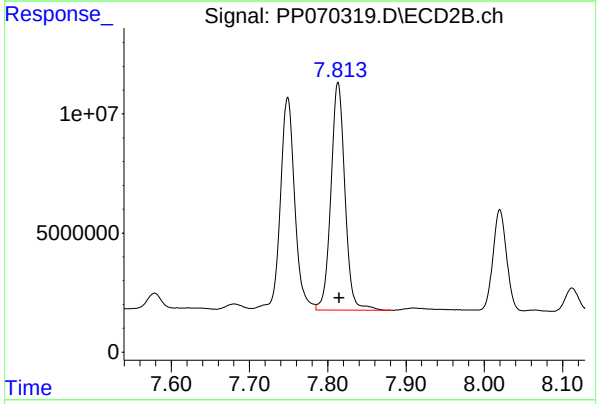
R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 113826741
Conc: 686.74 ng/ml




#42 AR-1268-2

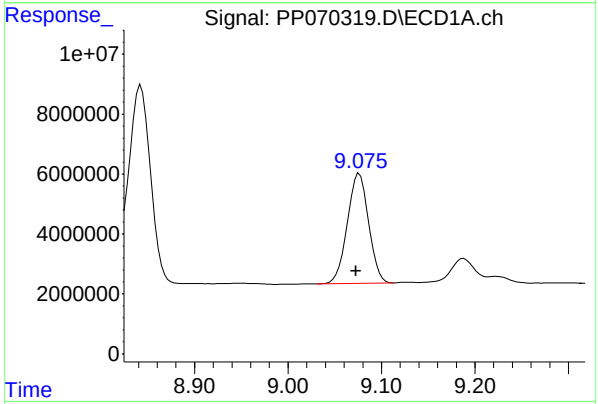
R.T.: 8.843 min
Delta R.T.: 0.004 min
Response: 118901246
Conc: 718.07 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8B



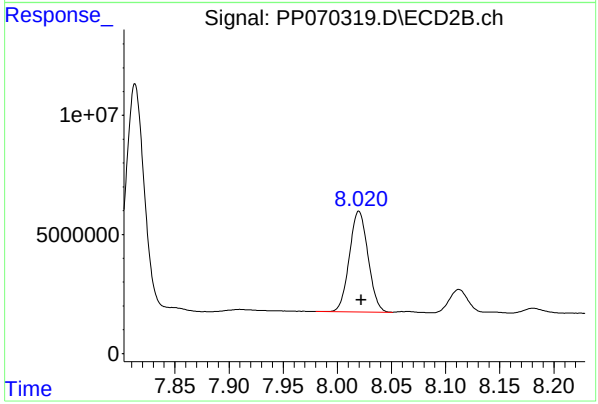

#42 AR-1268-2

R.T.: 7.813 min
Delta R.T.: -0.002 min
Response: 118386536
Conc: 816.22 ng/ml



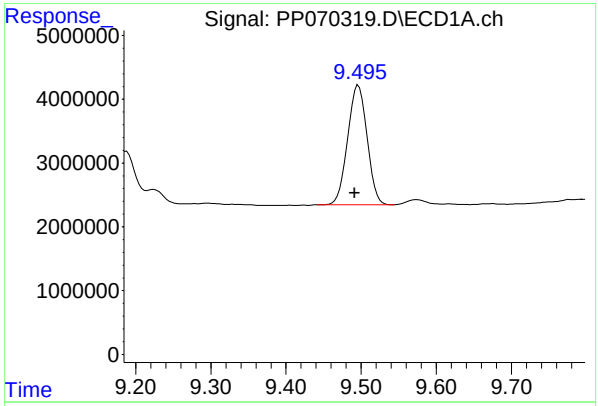

#43 AR-1268-3

R.T.: 9.076 min
Delta R.T.: 0.004 min
Response: 58159061
Conc: 405.28 ng/ml




#43 AR-1268-3

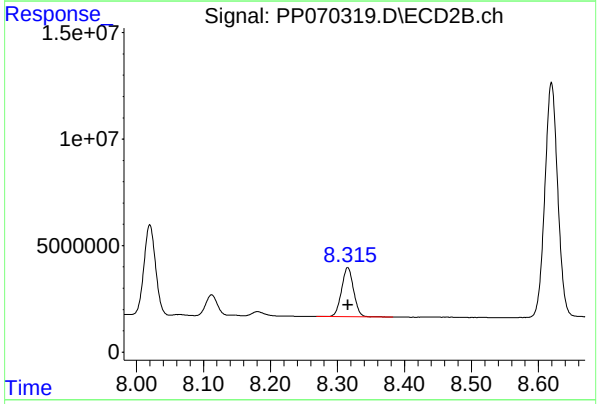
R.T.: 8.020 min
Delta R.T.: -0.002 min
Response: 50473063
Conc: 412.14 ng/ml




#44 AR-1268-4

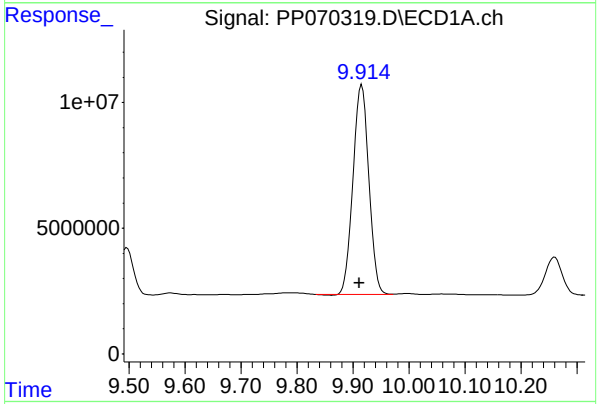
R.T.: 9.496 min
Delta R.T.: 0.005 min
Response: 33697188
Conc: 534.46 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8B



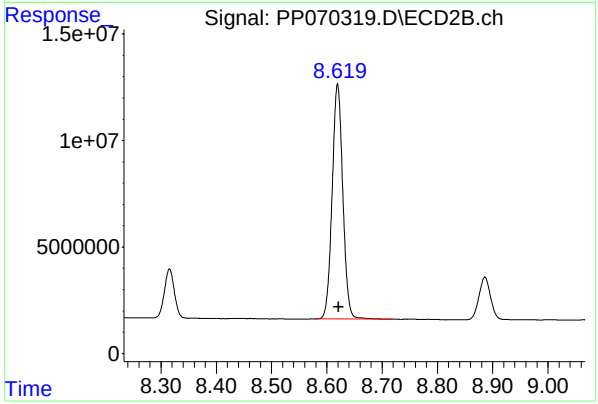

#44 AR-1268-4

R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 28876481
Conc: 542.94 ng/ml




#45 AR-1268-5

R.T.: 9.916 min
Delta R.T.: 0.004 min
Response: 164138621
Conc: 394.64 ng/ml




#45 AR-1268-5

R.T.: 8.619 min
Delta R.T.: -0.001 min
Response: 147924548
Conc: 416.43 ng/ml

Raw Data: **PP070341.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-8BDL | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-02DL | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 77.7 Decanted: |
| Sample Wt/Vol: | 30.06 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP070341.D | 2 | 03/06/25 11:40 | 03/07/25 09:48 | PB167022 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 8.70 | UD | 8.70 | 43.7 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 16.5 | UD | 16.5 | 43.7 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 8.70 | UD | 8.70 | 43.7 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 8.70 | UD | 8.70 | 43.7 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 20.3 | UD | 20.3 | 43.7 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 771 | DP | 7.00 | 43.7 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 11.7 | UD | 11.7 | 43.7 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 284 | D | 8.80 | 43.7 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 7.50 | UD | 7.50 | 43.7 | ug/kg |
| Total PCBs | Total PCBs | 1100 | DP | 15.8 | 43.7 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 26.4 | | 32 - 144 | 132% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 31.7 | | 32 - 175 | 159% | SPK: 20 |

Comments:

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

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

Sample Results: **PP070341.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 09:48
Operator : YP\AJ
Sample : Q1436-02DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8BDL

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 11:04:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.525 | 3.827 | 19336111 | 12049705 | 13.175 | 12.604 | |
| 2) | SA Decachlor... | 10.253 | 8.881 | 17598296 | 17203393 | 15.450 | 15.869 | |
| | Target Compounds | | | | | | | |
| 26) | L6 AR-1254-1 | 6.527 | 5.721 | 23009093 | 22229265 | 405.802m | 407.358 | |
| 27) | L6 AR-1254-2 | 6.744 | 5.870 | 52613169 | 32576782 | 600.021 | 668.303 | |
| 28) | L6 AR-1254-3 | 7.108 | 6.275 | 72462782 | 60135537 | 813.034 | 793.171 | |
| 29) | L6 AR-1254-4 | 7.390 | 6.534 | 66152250 | 10258279 | 887.817 | 199.345 | # |
| 30) | L6 AR-1254-5 | 7.807 | 6.921 | 120.7E6 | 85558338 | 1796.664 | 1266.232 | # |
| 41) | L9 AR-1268-1 | 8.746 | 7.745 | 77957111 | 65834392 | 405.829 | 397.193 | |
| 42) | L9 AR-1268-2 | 8.839 | 7.810 | 67181399 | 68247292 | 405.721 | 470.536 | |
| 43) | L9 AR-1268-3 | 9.071 | 8.017 | 33389226 | 29258596 | 232.671 | 238.915 | |
| 44) | L9 AR-1268-4 | 9.491 | 8.311 | 19256639 | 16991797 | 305.422 | 319.484 | |
| 45) | L9 AR-1268-5 | 9.911 | 8.614 | 94193438 | 82682602 | 226.470 | 232.765 | |

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

Sample Results: **PP070341.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 09:48
Operator : YP\AJ
Sample : Q1436-02DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

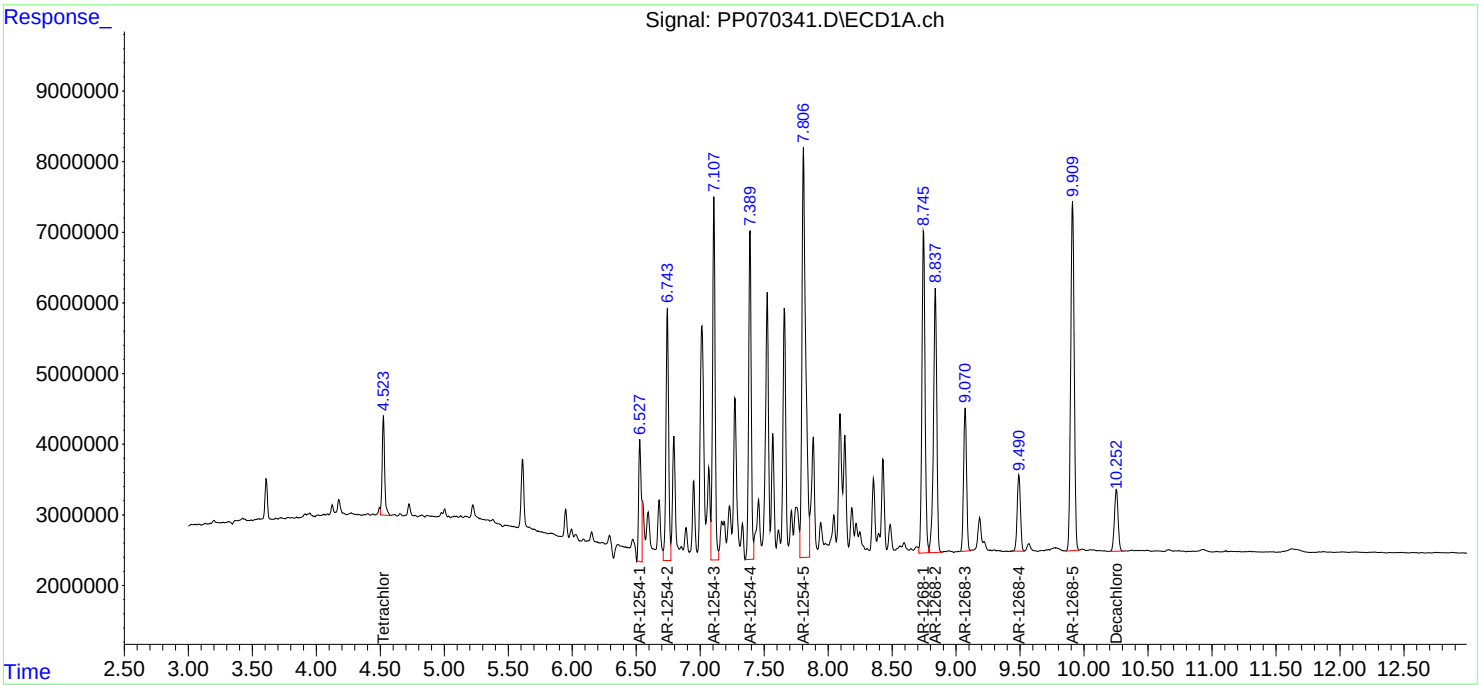
**Instrument :**
ECD_P
**ClientSampleId :**
K084-8BDL

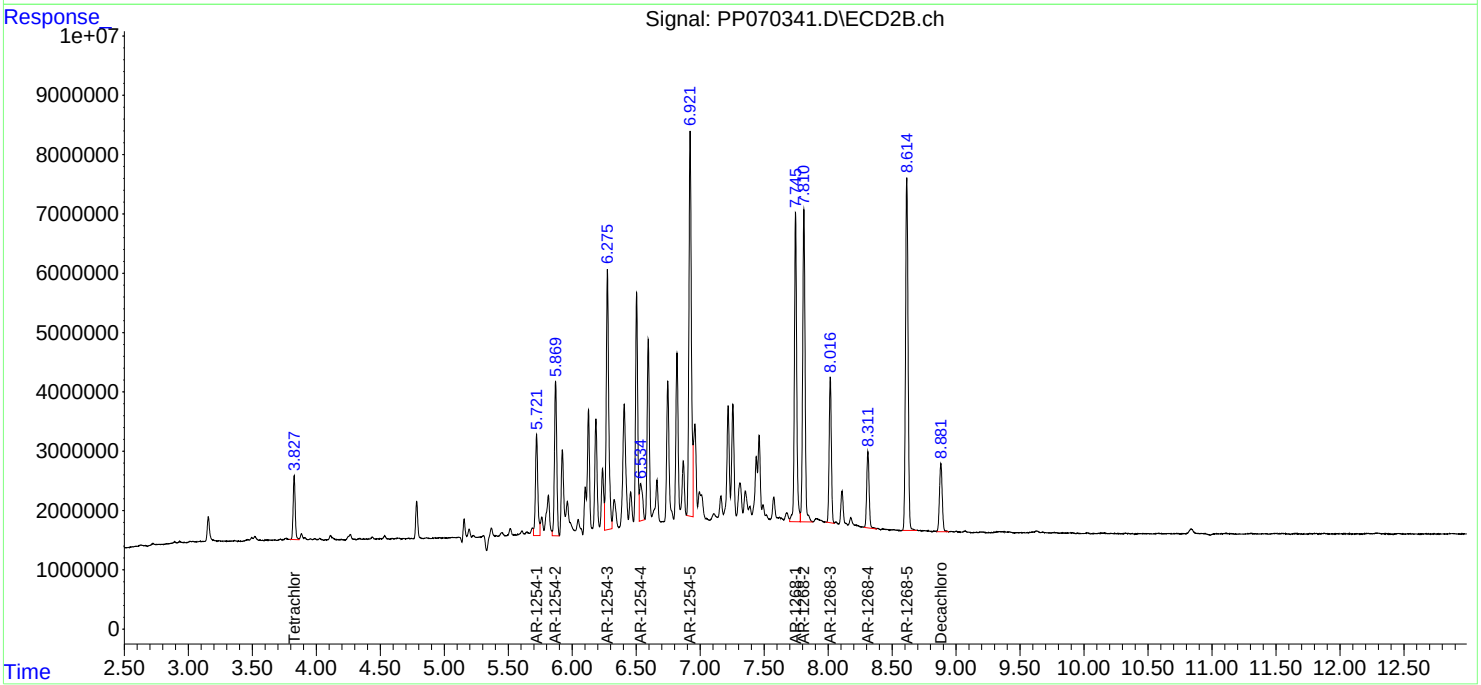
**Manual Integrations APPROVED**

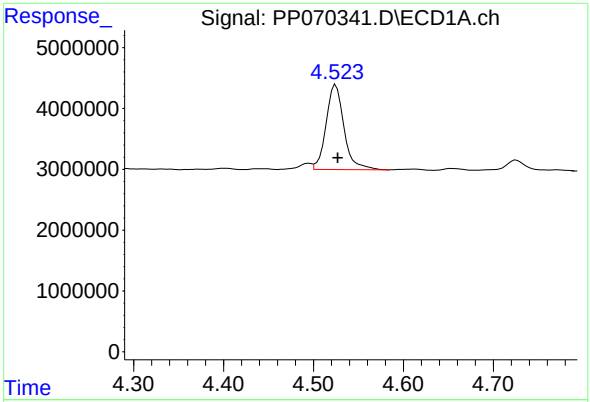
Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 11:04:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





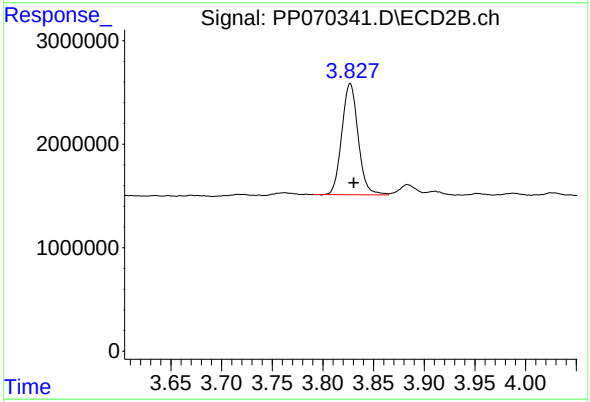

#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 19336111
Conc: 13.18 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8BDL

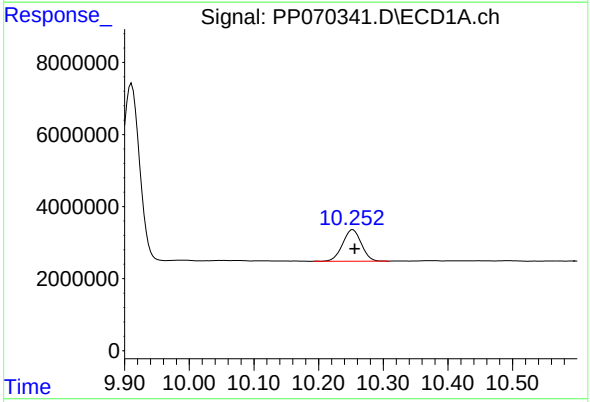
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



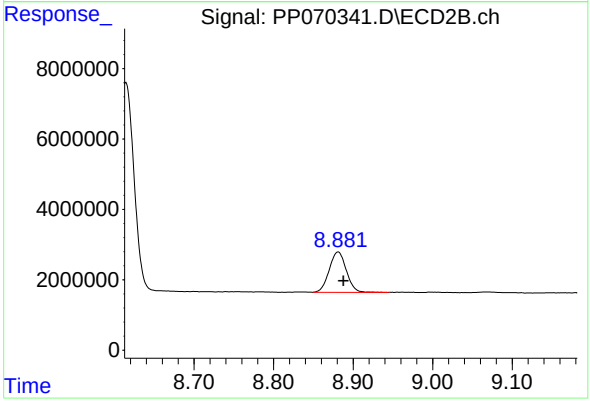

#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: -0.003 min
Response: 12049705
Conc: 12.60 ng/ml



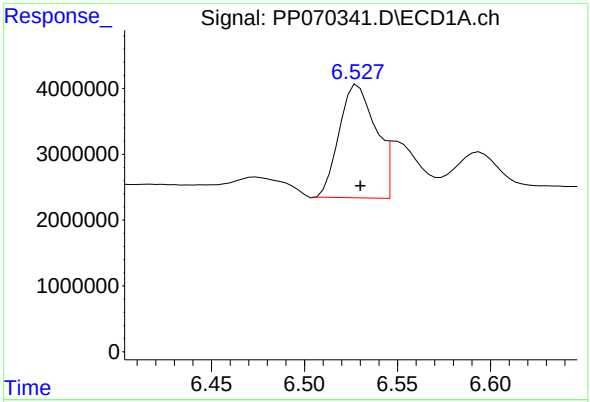

#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.003 min
Response: 17598296
Conc: 15.45 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.881 min
Delta R.T.: -0.007 min
Response: 17203393
Conc: 15.87 ng/ml



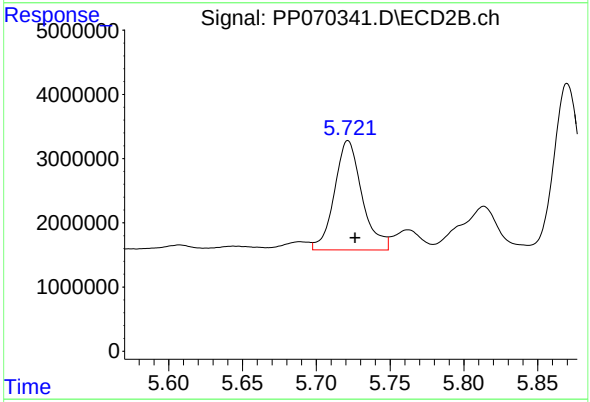

#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 23009093
Conc: 405.80 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8BDL

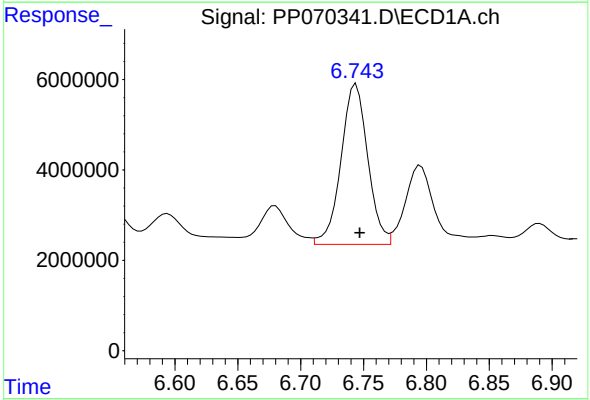
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



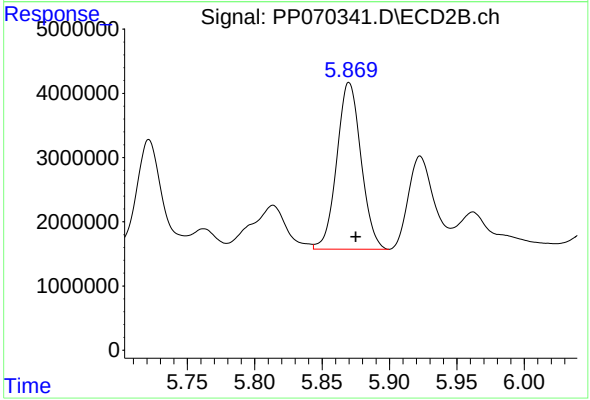

#26 AR-1254-1

R.T.: 5.721 min
Delta R.T.: -0.005 min
Response: 22229265
Conc: 407.36 ng/ml



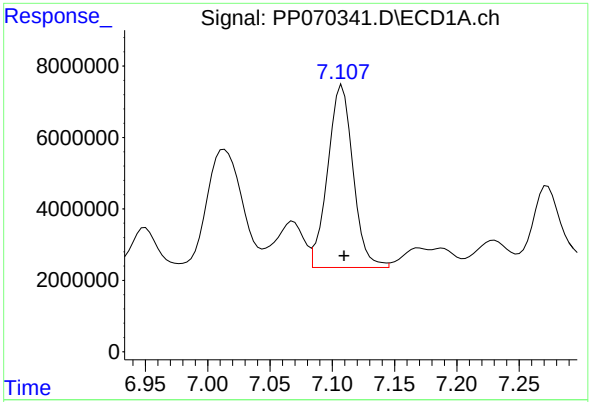

#27 AR-1254-2

R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 52613169
Conc: 600.02 ng/ml




#27 AR-1254-2

R.T.: 5.870 min
Delta R.T.: -0.005 min
Response: 32576782
Conc: 668.30 ng/ml



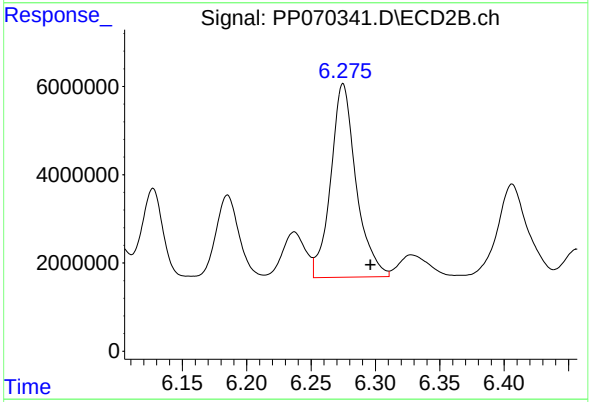

#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: -0.002 min
Response: 72462782
Conc: 813.03 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8BDL

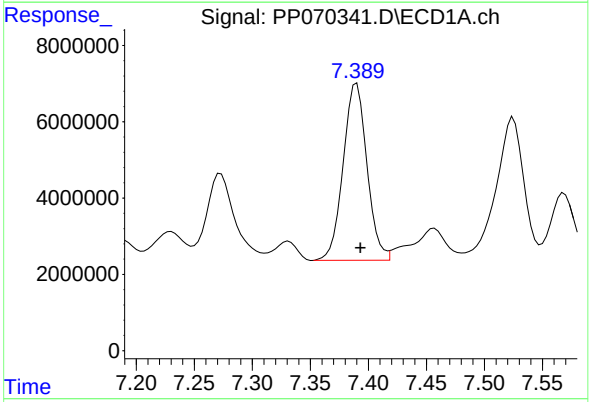
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



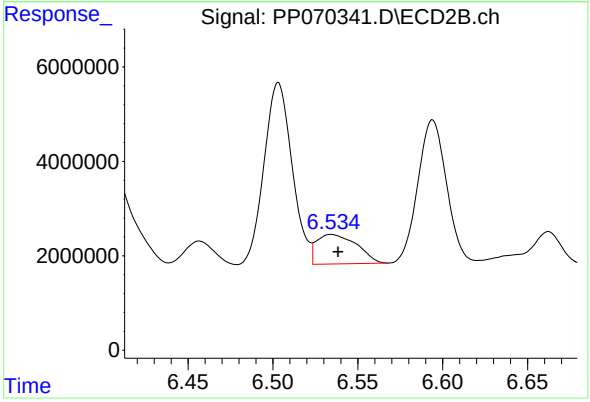

#28 AR-1254-3

R.T.: 6.275 min
Delta R.T.: -0.021 min
Response: 60135537
Conc: 793.17 ng/ml



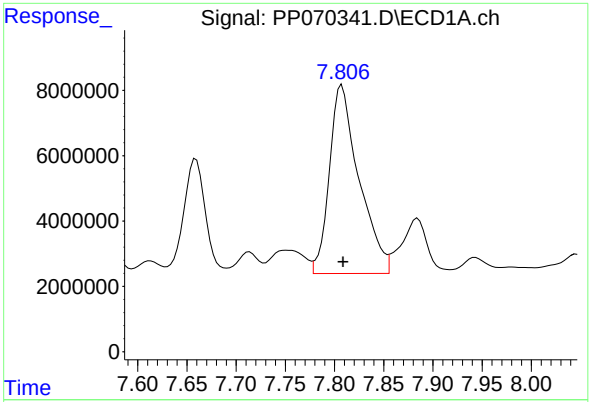

#29 AR-1254-4

R.T.: 7.390 min
Delta R.T.: -0.003 min
Response: 66152250
Conc: 887.82 ng/ml




#29 AR-1254-4

R.T.: 6.534 min
Delta R.T.: -0.004 min
Response: 10258279
Conc: 199.34 ng/ml



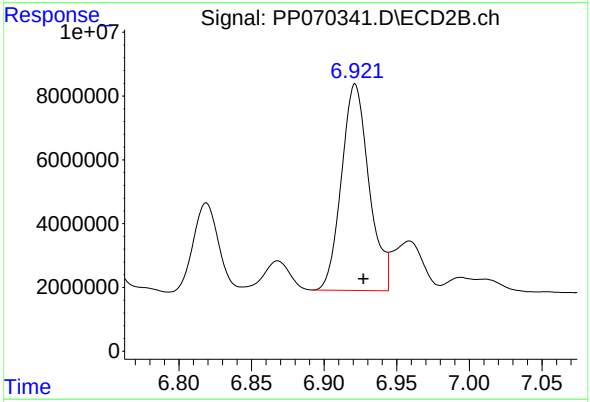

#30 AR-1254-5

R.T.: 7.807 min
Delta R.T.: -0.001 min
Response: 120668080
Conc: 1796.66 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8BDL

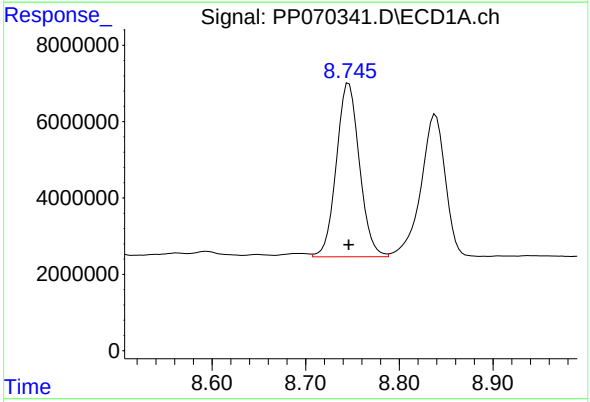
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



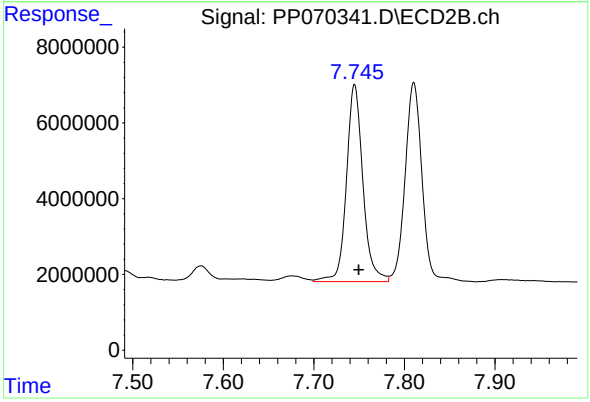

#30 AR-1254-5

R.T.: 6.921 min
Delta R.T.: -0.006 min
Response: 85558338
Conc: 1266.23 ng/ml



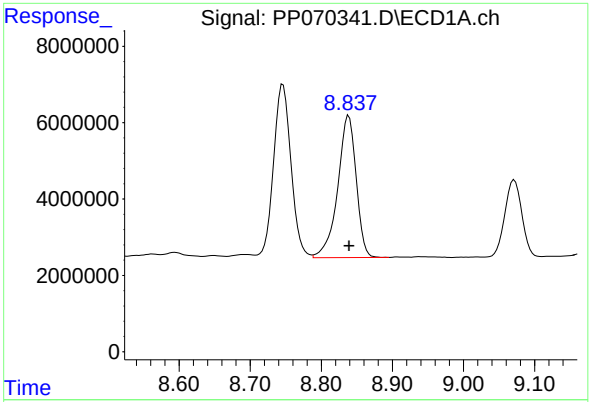

#41 AR-1268-1

R.T.: 8.746 min
Delta R.T.: 0.000 min
Response: 77957111
Conc: 405.83 ng/ml




#41 AR-1268-1

R.T.: 7.745 min
Delta R.T.: -0.005 min
Response: 65834392
Conc: 397.19 ng/ml



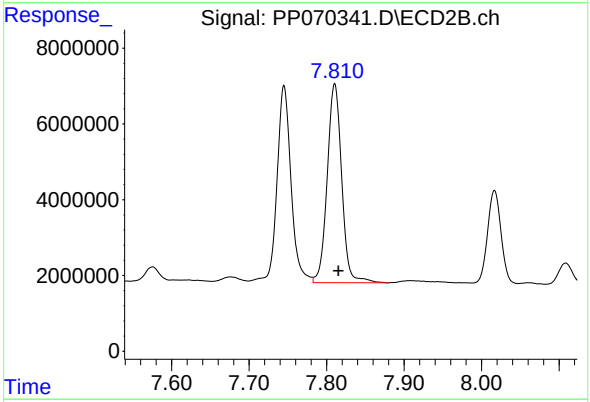

#42 AR-1268-2

R.T.: 8.839 min
Delta R.T.: 0.000 min
Response: 67181399
Conc: 405.72 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8BDL

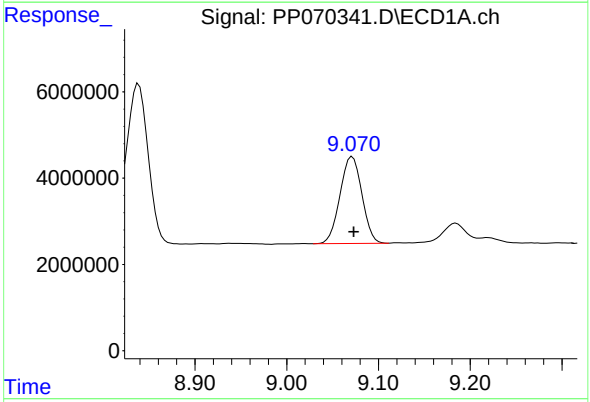
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



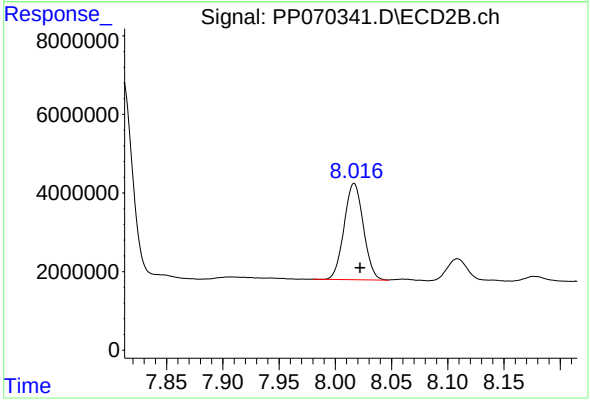

#42 AR-1268-2

R.T.: 7.810 min
Delta R.T.: -0.005 min
Response: 68247292
Conc: 470.54 ng/ml



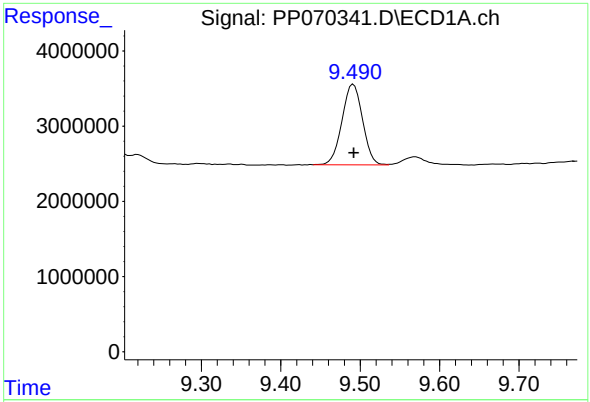

#43 AR-1268-3

R.T.: 9.071 min
Delta R.T.: -0.001 min
Response: 33389226
Conc: 232.67 ng/ml




#43 AR-1268-3

R.T.: 8.017 min
Delta R.T.: -0.005 min
Response: 29258596
Conc: 238.92 ng/ml



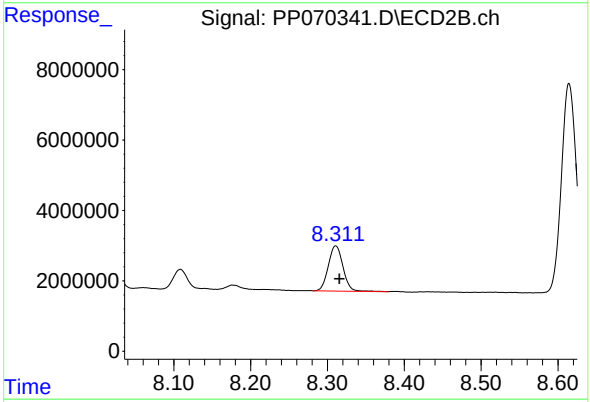

#44 AR-1268-4

R.T.: 9.491 min
Delta R.T.: 0.000 min
Response: 19256639
Conc: 305.42 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8BDL

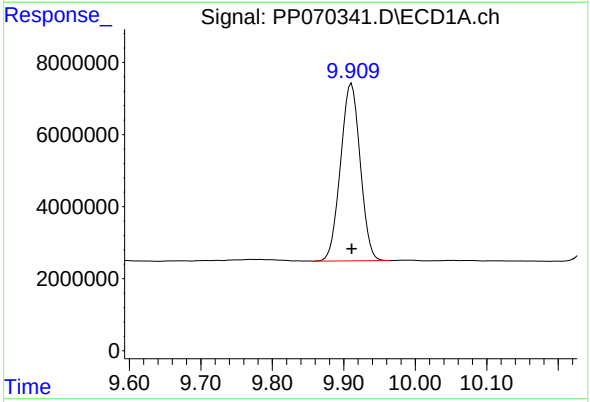
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



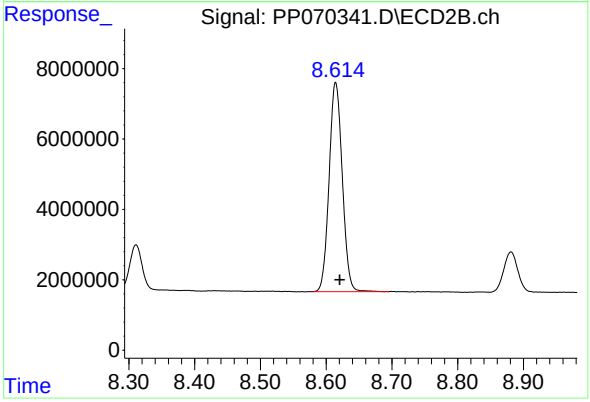

#44 AR-1268-4

R.T.: 8.311 min
Delta R.T.: -0.005 min
Response: 16991797
Conc: 319.48 ng/ml




#45 AR-1268-5

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 94193438
Conc: 226.47 ng/ml




#45 AR-1268-5

R.T.: 8.614 min
Delta R.T.: -0.006 min
Response: 82682602
Conc: 232.76 ng/ml

Raw Data: **PP070320.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-8C | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-03 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 73.4 Decanted: |
| Sample Wt/Vol: | 30.09 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP070320.D | 1 | 03/06/25 11:40 | 03/06/25 18:32 | PB167022 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 4.60 | U | 4.60 | 23.1 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 8.70 | U | 8.70 | 23.1 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 4.60 | U | 4.60 | 23.1 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 4.60 | U | 4.60 | 23.1 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 10.7 | U | 10.7 | 23.1 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 176 | | 3.70 | 23.1 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 6.20 | U | 6.20 | 23.1 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 30.9 | | 4.70 | 23.1 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 4.00 | U | 4.00 | 23.1 | ug/kg |
| Total PCBs | Total PCBs | 207 | | 8.40 | 23.1 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 9.28 | | 32 - 144 | 46% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 8.23 | | 32 - 175 | 41% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 18:32
Operator : YP\AJ
Sample : Q1436-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8C

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:34:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.526 | 3.831 | 9686205 | 8874046 | 6.600 | 9.282 | # |
| 2) | SA Decachlor... | 10.259 | 8.886 | 9253880 | 8923821 | 8.124 | 8.232 | |
| | Target Compounds | | | | | | | |
| 26) | L6 AR-1254-1 | 6.530 | 5.726 | 10511050 | 7963612 | 185.379 | 145.936 | |
| 27) | L6 AR-1254-2 | 6.746 | 5.874 | 19892579 | 14828011 | 226.863 | 304.192 | # |
| 28) | L6 AR-1254-3 | 7.109 | 6.279 | 25882499 | 26528172 | 290.402 | 349.899 | |
| 29) | L6 AR-1254-4 | 7.391 | 6.507 | 24182854 | 19771016 | 324.554 | 384.201 | m |
| 30) | L6 AR-1254-5 | 7.810 | 6.926 | 55515813 | 51101595 | 826.592 | 756.285 | |
| 41) | L9 AR-1268-1 | 8.748 | 7.749 | 17059987 | 11774398 | 88.811 | 71.038 | m |
| 42) | L9 AR-1268-2 | 8.841 | 7.813 | 12106551 | 13693480 | 73.114 | 94.411 | m# |
| 43) | L9 AR-1268-3 | 9.075 | 8.022 | 6629365 | 5238696 | 46.196 | 42.777 | |
| 44) | L9 AR-1268-4 | 9.496 | 8.316 | 3483286 | 4739788 | 55.247 | 89.119 | # |
| 45) | L9 AR-1268-5 | 9.915 | 8.620 | 18307491 | 15754967 | 44.017 | 44.353 | |

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

Sample Results: **PP070320.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 18:32
Operator : YP\AJ
Sample : Q1436-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

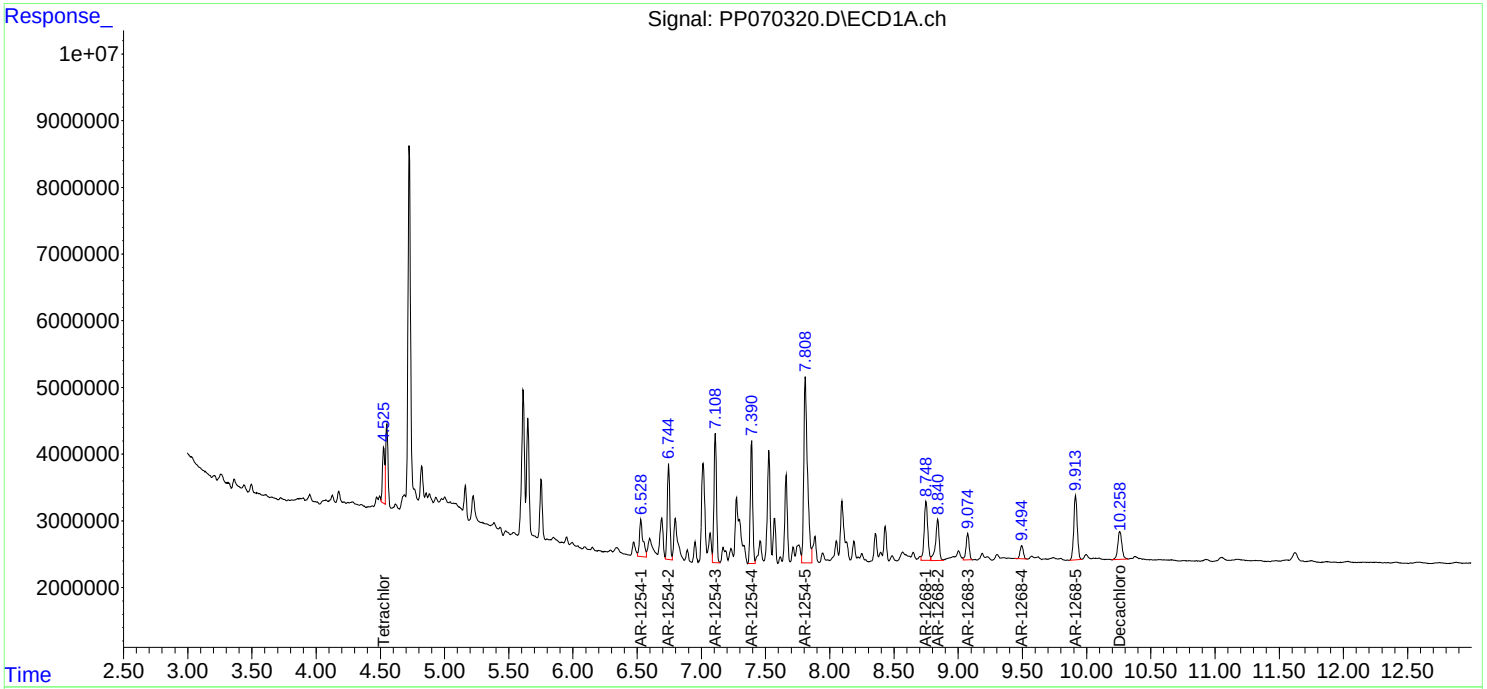
**Instrument :**
ECD_P
**ClientSampleId :**
K084-8C

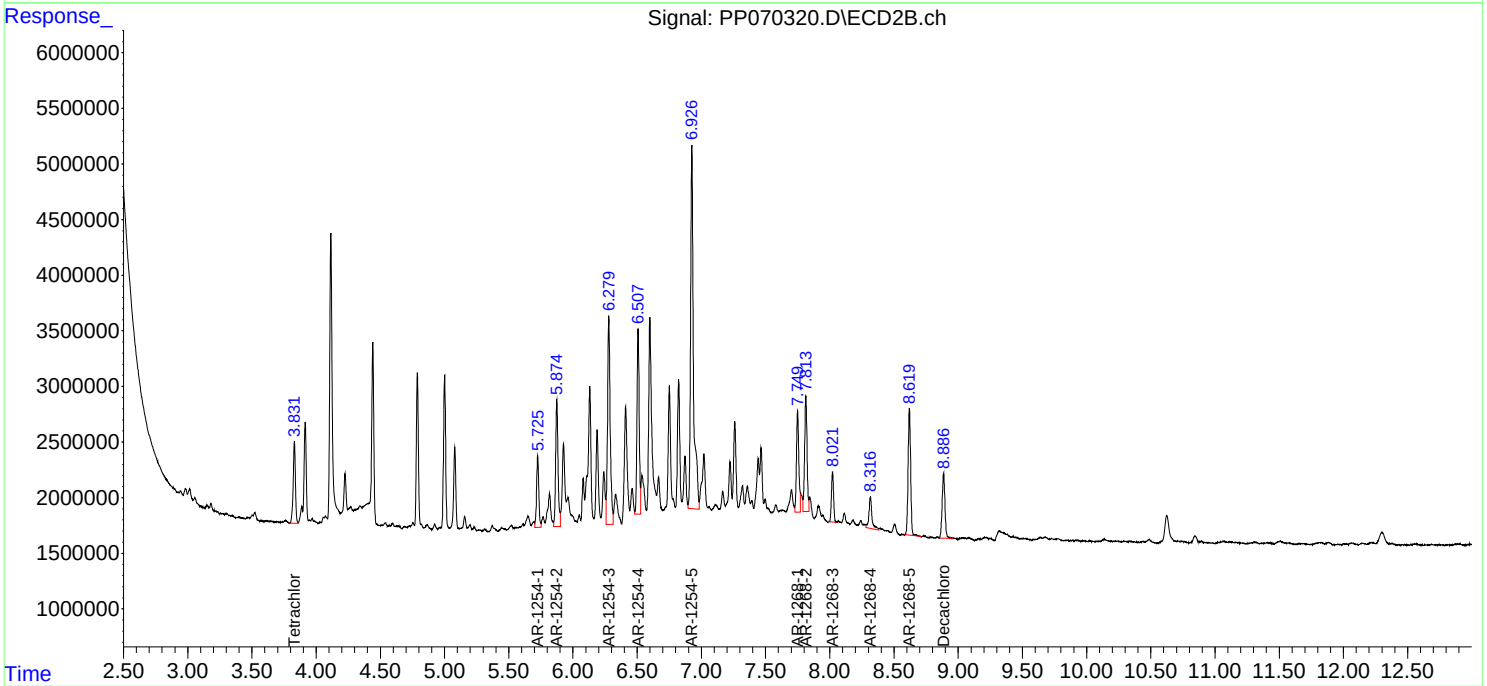
**Manual Integrations APPROVED**

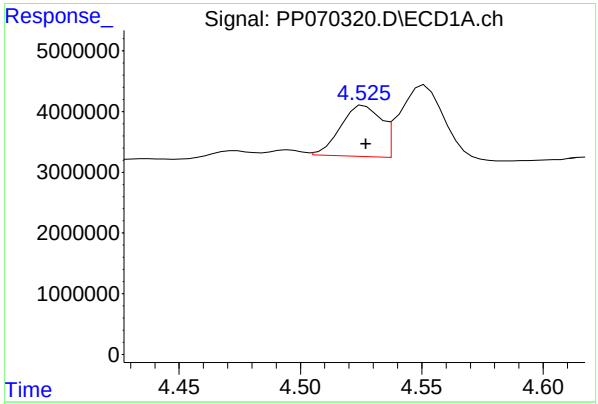
Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:34:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





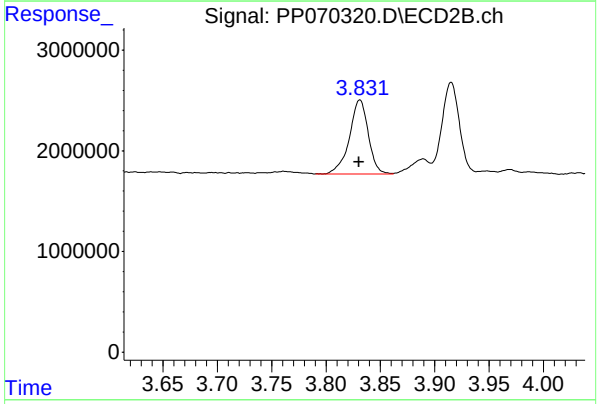

#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 9686205
Conc: 6.60 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8C

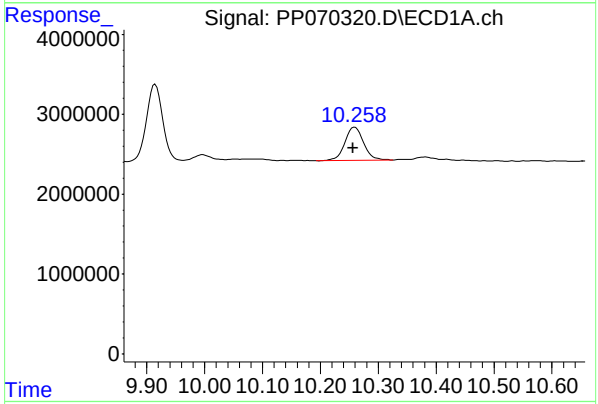
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



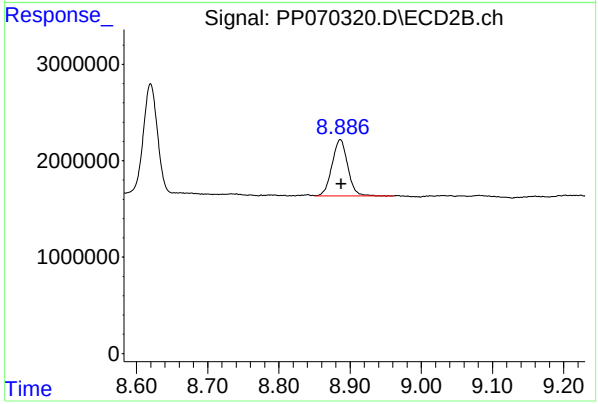

#1 Tetrachloro-m-xylene

R.T.: 3.831 min
Delta R.T.: 0.000 min
Response: 8874046
Conc: 9.28 ng/ml



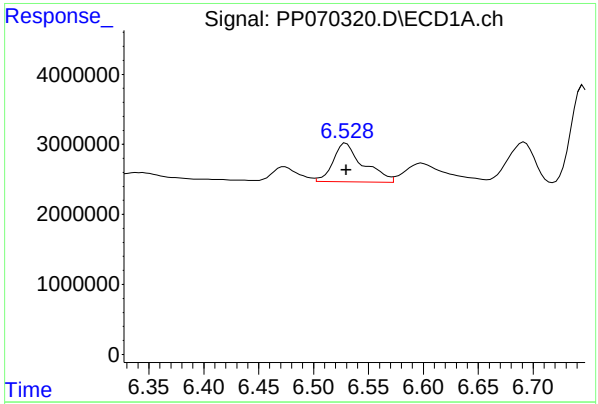

#2 Decachlorobiphenyl

R.T.: 10.259 min
Delta R.T.: 0.003 min
Response: 9253880
Conc: 8.12 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 8923821
Conc: 8.23 ng/ml



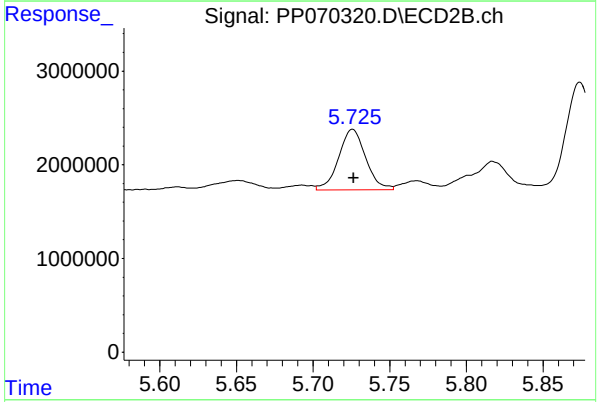

#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 10511050
Conc: 185.38 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8C

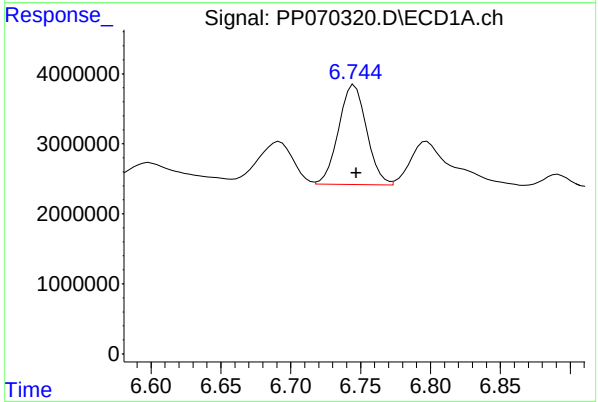
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



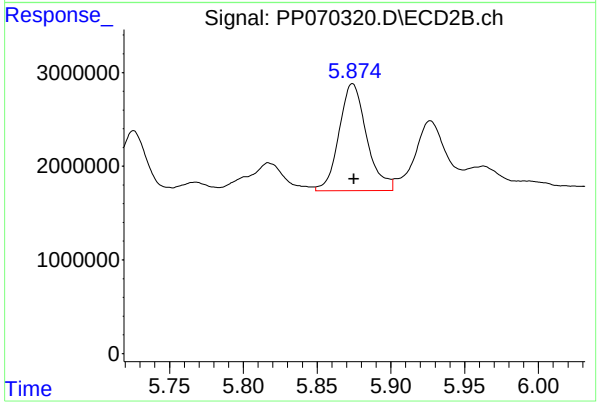

#26 AR-1254-1

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 7963612
Conc: 145.94 ng/ml



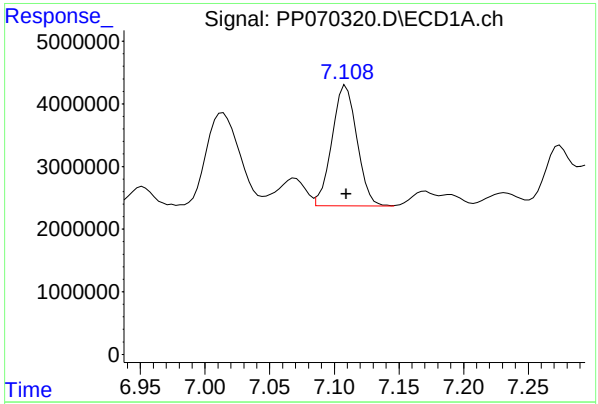

#27 AR-1254-2

R.T.: 6.746 min
Delta R.T.: -0.001 min
Response: 19892579
Conc: 226.86 ng/ml




#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 14828011
Conc: 304.19 ng/ml



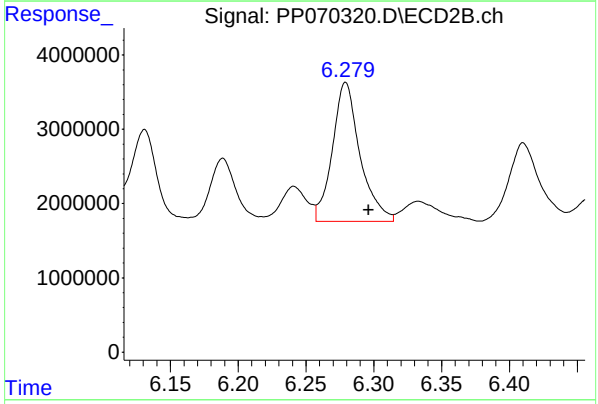

#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: 0.000 mi
Response: 25882499
Conc: 290.40 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8C

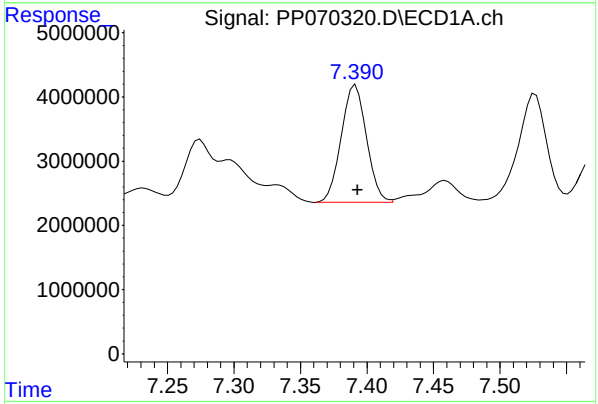
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



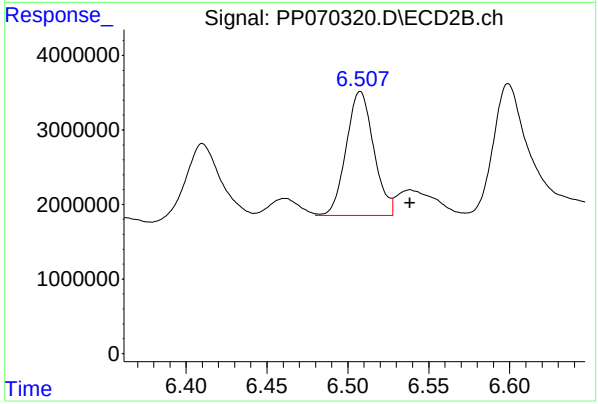

#28 AR-1254-3

R.T.: 6.279 min
Delta R.T.: -0.017 min
Response: 26528172
Conc: 349.90 ng/ml



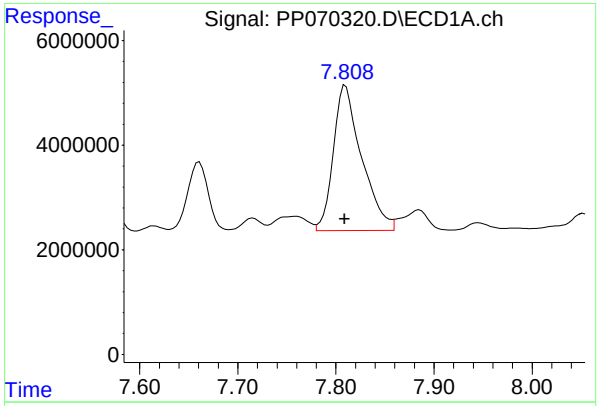

#29 AR-1254-4

R.T.: 7.391 min
Delta R.T.: -0.002 min
Response: 24182854
Conc: 324.55 ng/ml




#29 AR-1254-4

R.T.: 6.507 min
Delta R.T.: -0.031 min
Response: 19771016
Conc: 384.20 ng/ml m



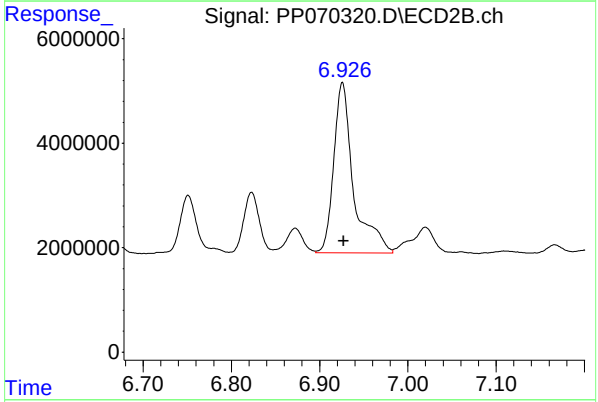

#30 AR-1254-5

R.T.: 7.810 min
Delta R.T.: 0.001 mi
Response: 55515813
Conc: 826.59 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8C

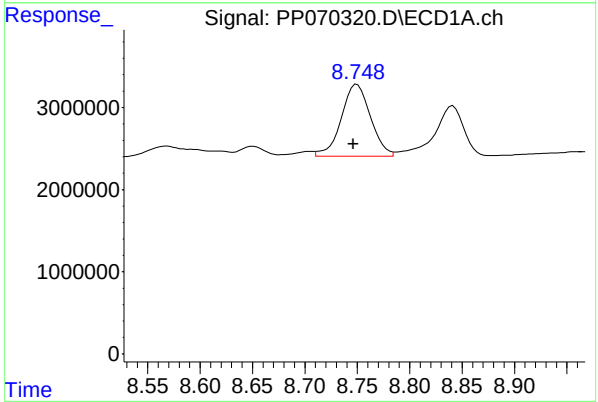
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



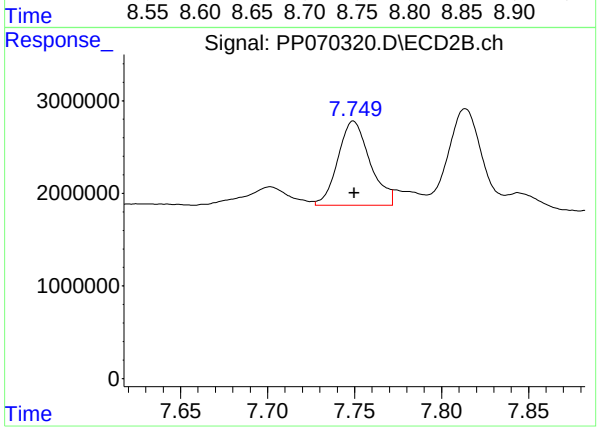

#30 AR-1254-5

R.T.: 6.926 min
Delta R.T.: -0.001 min
Response: 51101595
Conc: 756.29 ng/ml



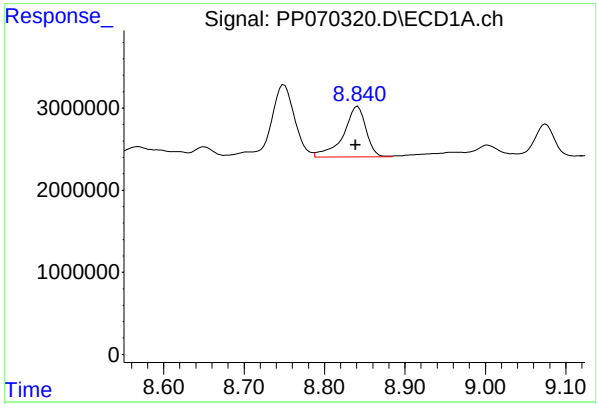

#41 AR-1268-1

R.T.: 8.748 min
Delta R.T.: 0.002 min
Response: 17059987
Conc: 88.81 ng/ml m




#41 AR-1268-1

R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 11774398
Conc: 71.04 ng/ml m



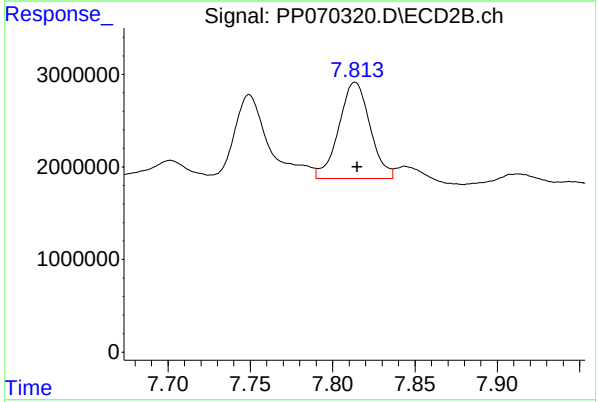

#42 AR-1268-2

R.T.: 8.841 min
Delta R.T.: 0.002 mi
Response: 12106551
Conc: 73.11 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8C

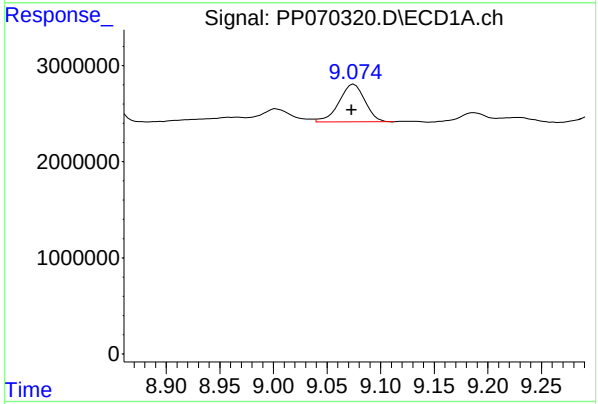
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



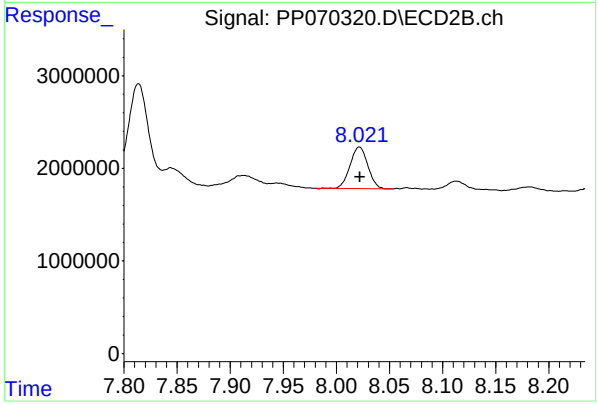

#42 AR-1268-2

R.T.: 7.813 min
Delta R.T.: -0.002 min
Response: 13693480
Conc: 94.41 ng/ml m



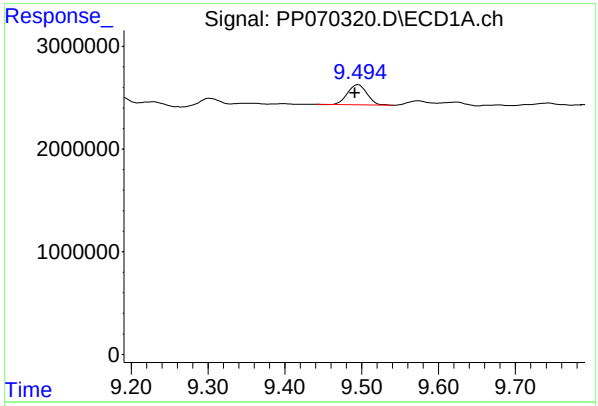

#43 AR-1268-3

R.T.: 9.075 min
Delta R.T.: 0.002 min
Response: 6629365
Conc: 46.20 ng/ml




#43 AR-1268-3

R.T.: 8.022 min
Delta R.T.: 0.000 min
Response: 5238696
Conc: 42.78 ng/ml



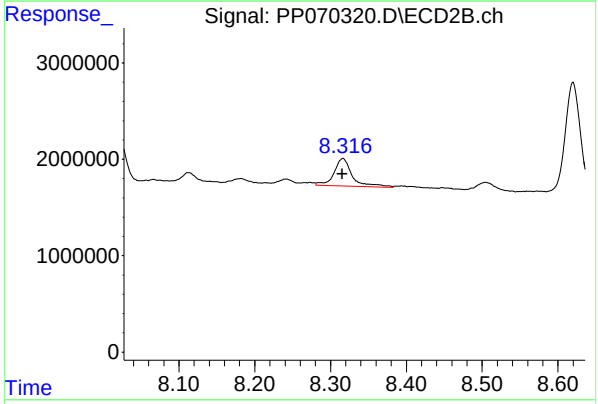

#44 AR-1268-4

R.T.: 9.496 min
Delta R.T.: 0.004 min
Response: 3483286
Conc: 55.25 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-8C

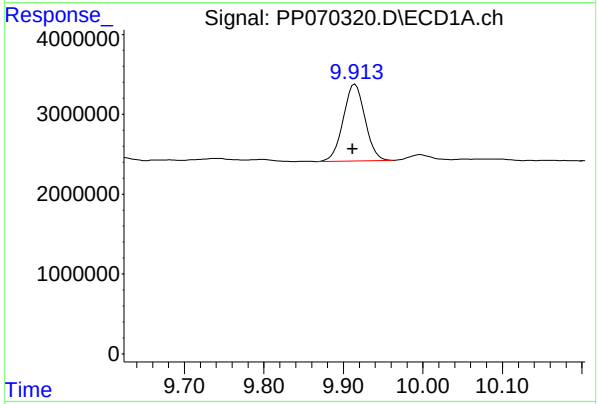
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



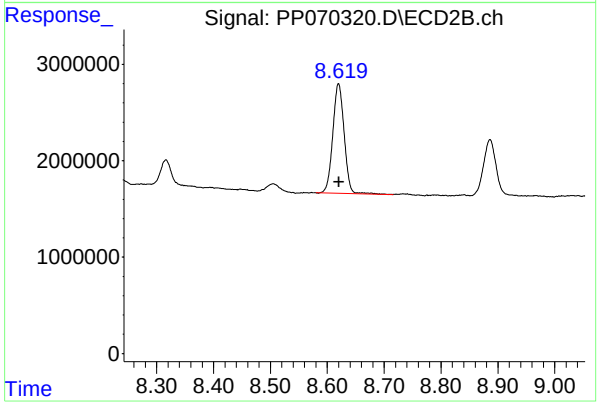

#44 AR-1268-4

R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 4739788
Conc: 89.12 ng/ml




#45 AR-1268-5

R.T.: 9.915 min
Delta R.T.: 0.003 min
Response: 18307491
Conc: 44.02 ng/ml




#45 AR-1268-5

R.T.: 8.620 min
Delta R.T.: 0.000 min
Response: 15754967
Conc: 44.35 ng/ml

Raw Data: **PO109569.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-9A | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-04 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 78 Decanted: |
| Sample Wt/Vol: | 30.06 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109569.D | 1 | 02/27/25 09:15 | 02/28/25 06:23 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 4.30 | U | 4.30 | 21.8 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 8.20 | U | 8.20 | 21.8 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 4.40 | U | 4.40 | 21.8 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 4.30 | U | 4.30 | 21.8 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 10.1 | U | 10.1 | 21.8 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 7000 | E | 3.50 | 21.8 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 5.80 | U | 5.80 | 21.8 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 315 | | 4.40 | 21.8 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 3.70 | U | 3.70 | 21.8 | ug/kg |
| Total PCBs | Total PCBs | 7300 | E | 7.90 | 21.8 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 23.5 | | 32 - 144 | 117% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 43.8 | * | 32 - 175 | 219% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109569.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109569.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 06:23
Operator : YP/AJ
Sample : Q1436-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-9A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:09:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.694 | 208.3E6 | 122.9E6 | 22.007 | 23.482 |
| 2) | SA Decachlor... | 8.755 | 8.706 | 327.9E6 | 139.3E6 | 38.125 | 43.758 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.599 | 5.580 | 3008.0E6 | 1721.4E6 | 5833.927 | 6581.699 |
| 27) | L6 AR-1254-2 | 5.749 | 5.727 | 3936.9E6 | 2255.4E6 | 8741.297 | 9615.445 |
| 28) | L6 AR-1254-3 | 6.155 | 6.130 | 8337.4E6 | 4816.2E6 | 11645.126 | 13502.051 |
| 29) | L6 AR-1254-4 | 6.385 | 6.359 | 5560.9E6 | 3080.6E6 | 13278.326 | 15951.357 |
| 30) | L6 AR-1254-5 | 6.804 | 6.776 | 15234.3E6 | 10736.4E6 | 24417.793 | 36182.034 # |
| 41) | L9 AR-1268-1 | 7.632 | 7.599 | 699.2E6 | 313.4E6 | 528.014 | 548.415 |
| 42) | L9 AR-1268-2 | 7.694 | 7.660 | 1558.4E6 | 740.4E6 | 1288.871 | 1410.528 |
| 43) | L9 AR-1268-3 | 7.906 | 7.871 | 473.2E6 | 228.9E6 | 464.781 | 534.702 |
| 44) | L9 AR-1268-4 | 8.193 | 8.155 | 232.7E6 | 105.8E6 | 547.650 | 655.536 |
| 45) | L9 AR-1268-5 | 8.492 | 8.449 | 1452.5E6 | 599.8E6 | 481.026 | 548.656 |

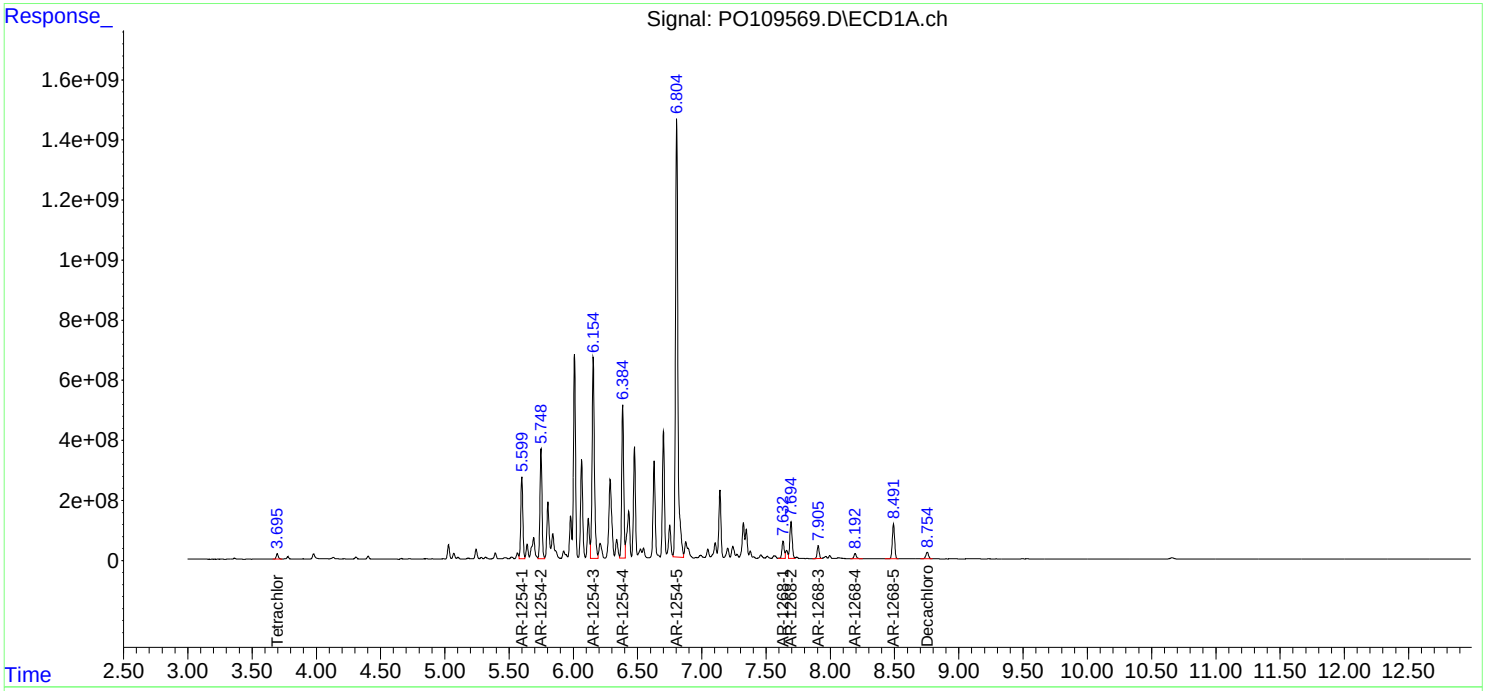
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

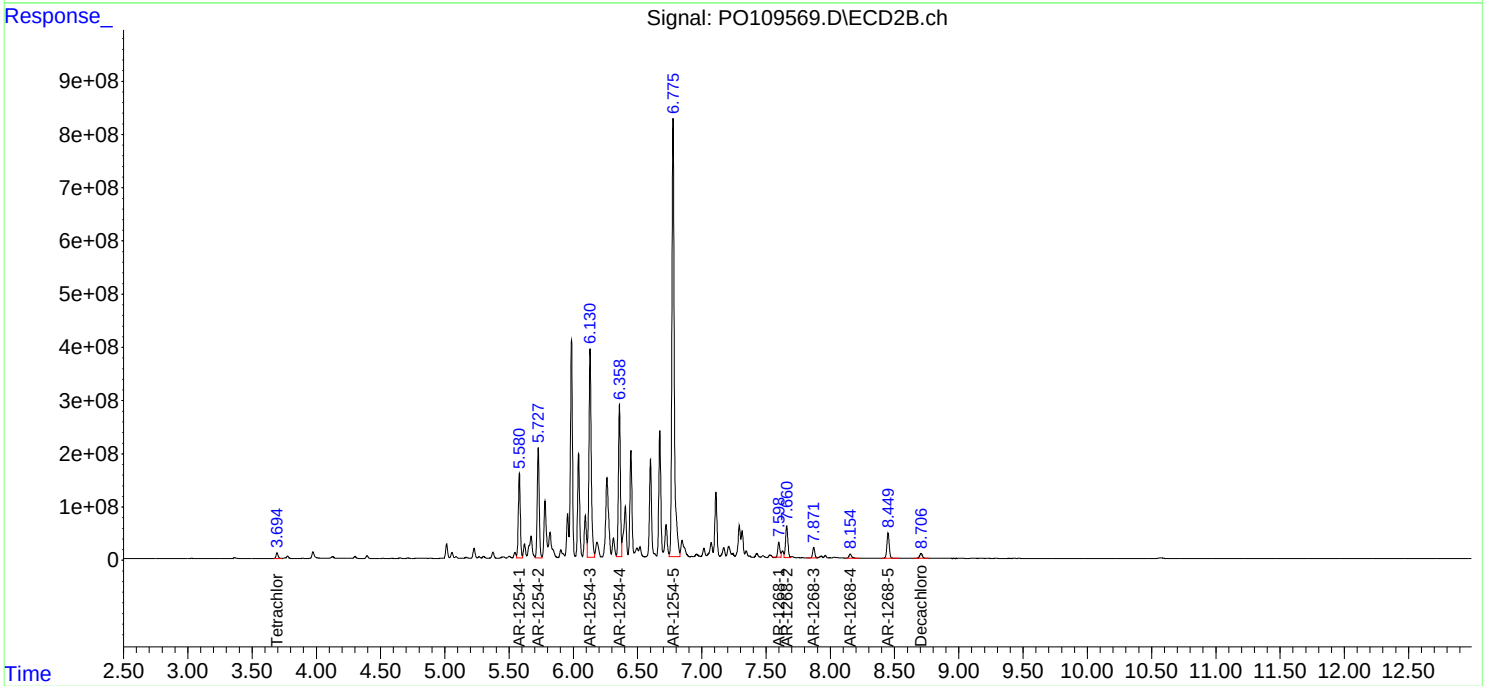
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109569.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 06:23
Operator : YP/AJ
Sample : Q1436-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

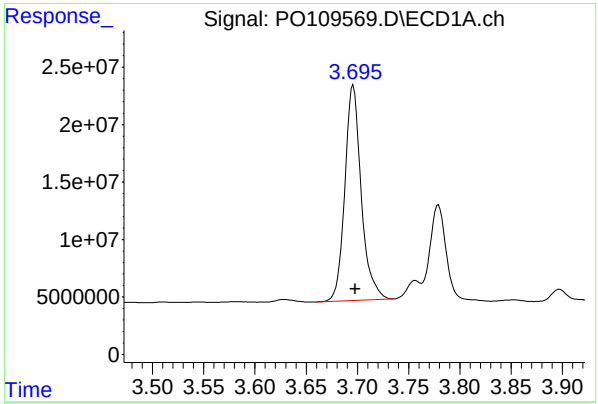
**Instrument :**
ECD_O
**ClientSampleId :**
K084-9A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:09:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



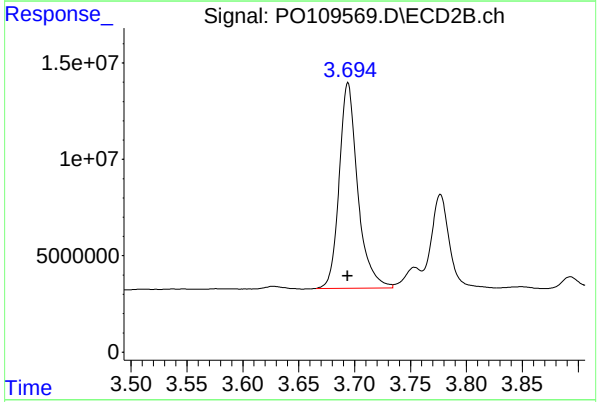






#1 Tetrachloro-m-xylene

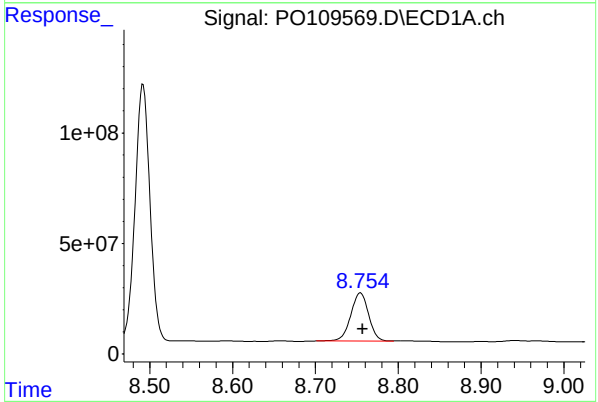
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 208303583
Conc: 22.01 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-9A



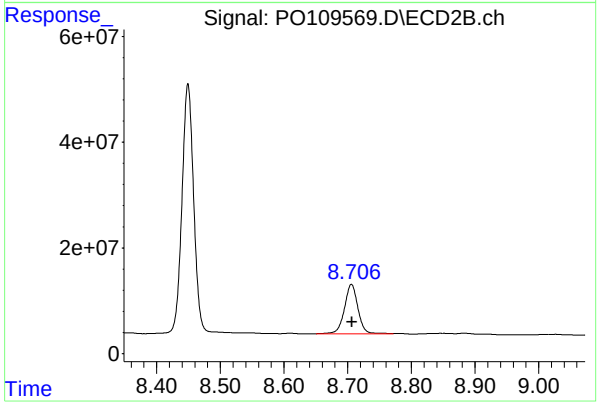

#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 122909024
Conc: 23.48 ng/ml



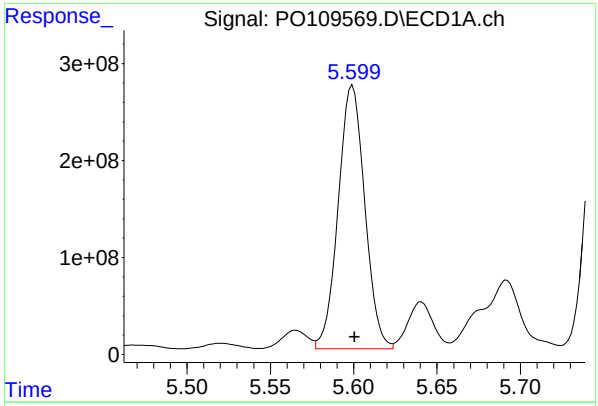

#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 327946263
Conc: 38.13 ng/ml




#2 Decachlorobiphenyl

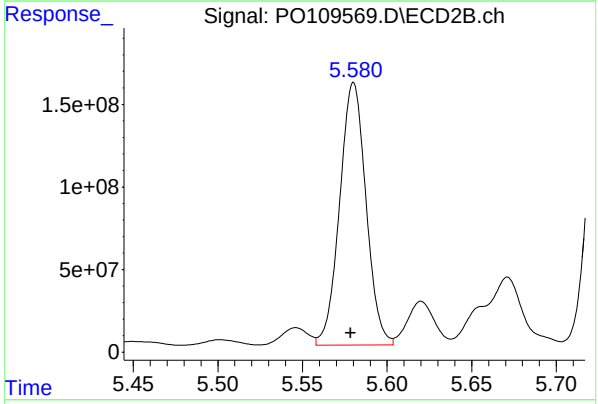
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 139335549
Conc: 43.76 ng/ml




#26 AR-1254-1

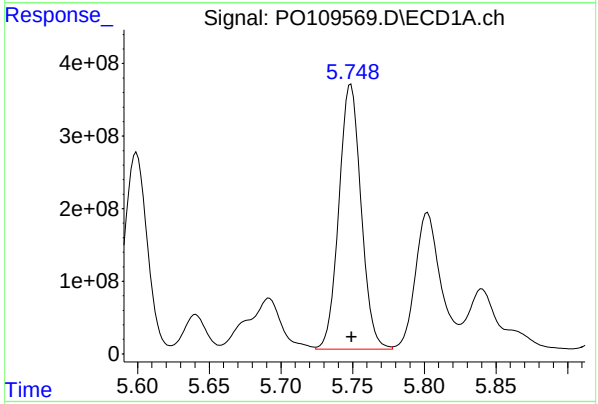
R.T.: 5.599 min
Delta R.T.: -0.001 mi
Response: 3008011534
Conc: 5833.93 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
K084-9A



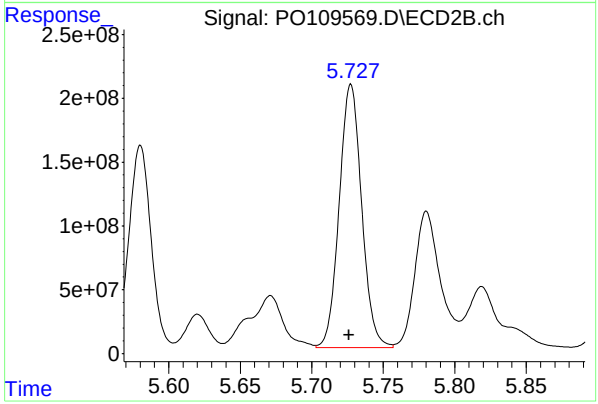

#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.002 min
Response: 1721366622
Conc: 6581.70 ng/ml



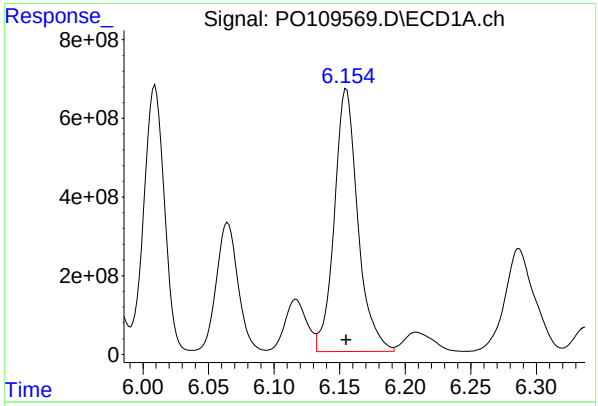

#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 3936857459
Conc: 8741.30 ng/ml




#27 AR-1254-2

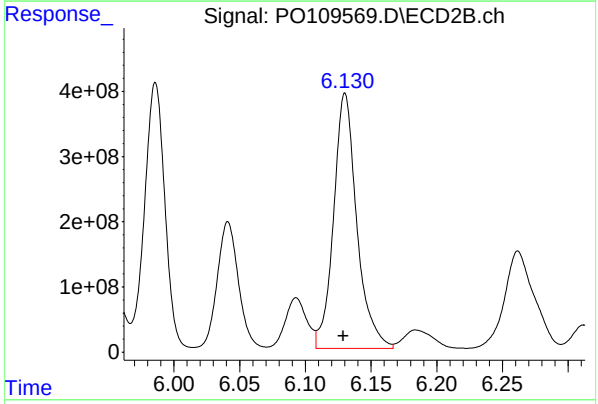
R.T.: 5.727 min
Delta R.T.: 0.001 min
Response: 2255412616
Conc: 9615.44 ng/ml




#28 AR-1254-3

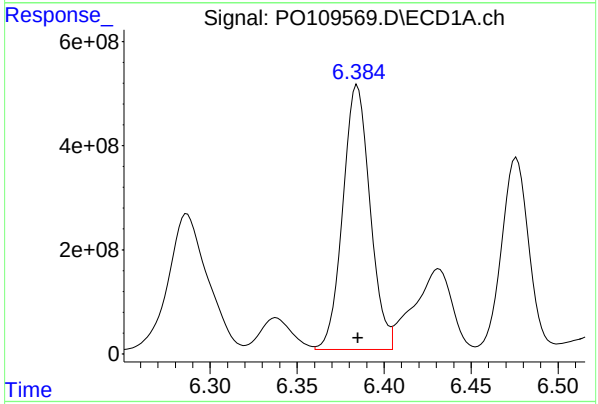
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 8337391101
Conc: 11645.13 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-9A



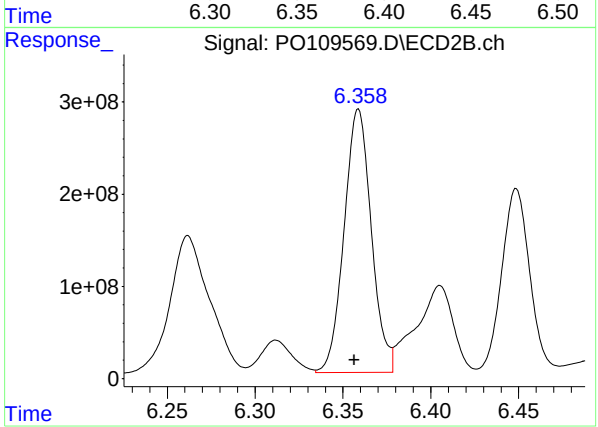

#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.001 min
Response: 4816243322
Conc: 13502.05 ng/ml



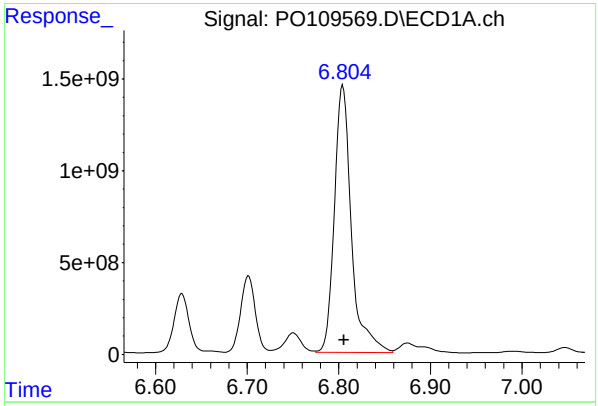

#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 5560850195
Conc: 13278.33 ng/ml




#29 AR-1254-4

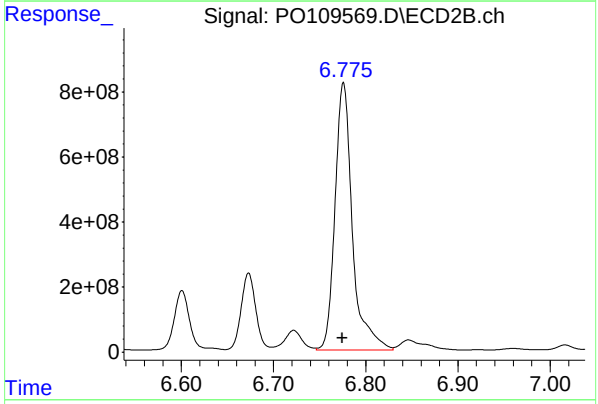
R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 3080580319
Conc: 15951.36 ng/ml




#30 AR-1254-5

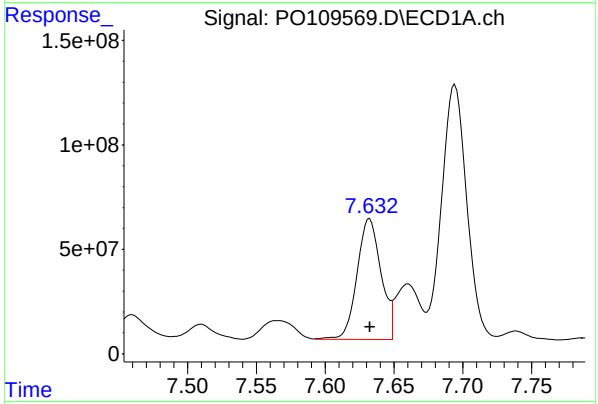
R.T.: 6.804 min
Delta R.T.: -0.002 mi
Response: 15234332932
Conc: 24417.79 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-9A



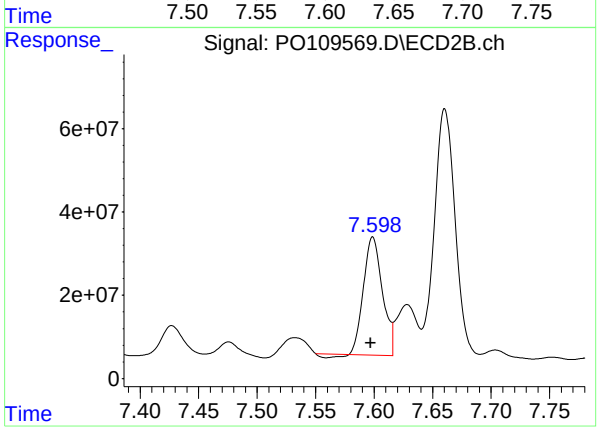

#30 AR-1254-5

R.T.: 6.776 min
Delta R.T.: 0.001 min
Response: 10736375911
Conc: 36182.03 ng/ml



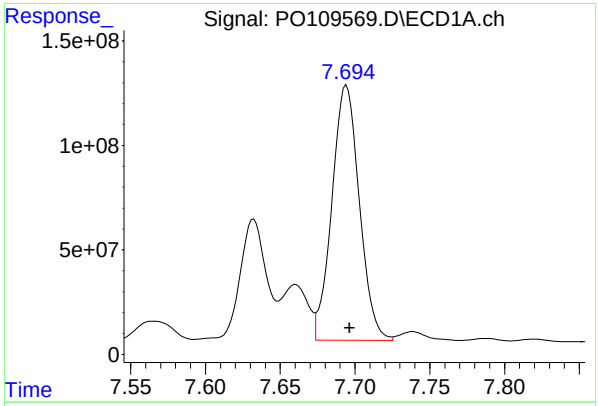

#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 699206389
Conc: 528.01 ng/ml




#41 AR-1268-1

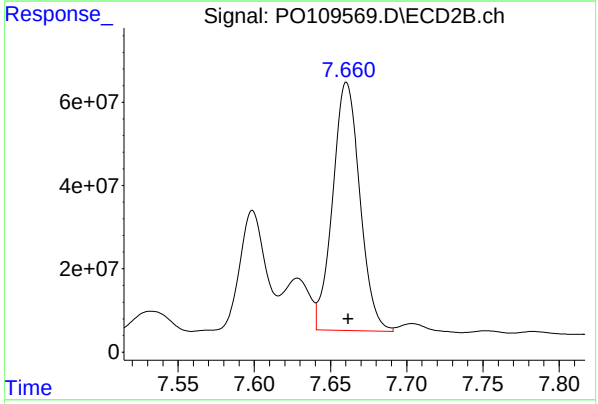
R.T.: 7.599 min
Delta R.T.: 0.002 min
Response: 313371128
Conc: 548.42 ng/ml




#42 AR-1268-2

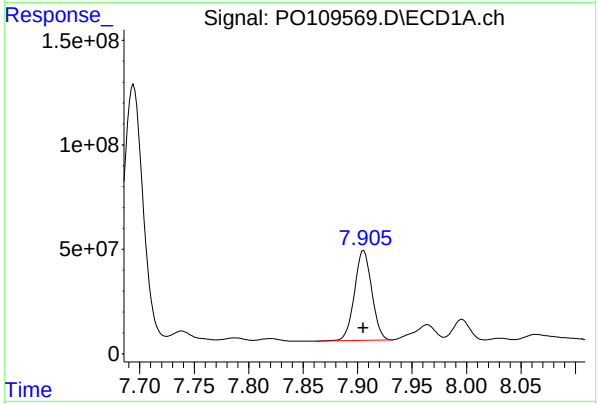
R.T.: 7.694 min
Delta R.T.: -0.002 mi
Response: 1558382333
Conc: 1288.87 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
K084-9A



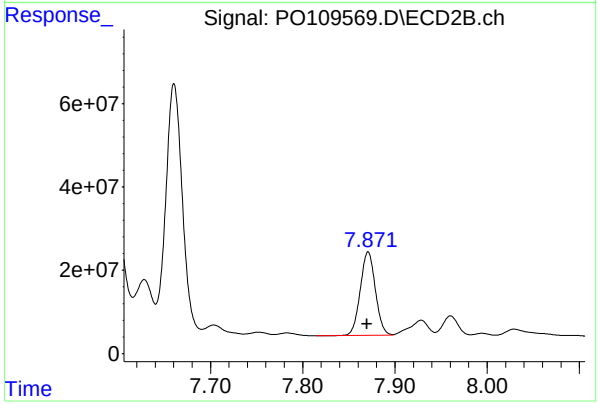

#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.001 min
Response: 740448009
Conc: 1410.53 ng/ml



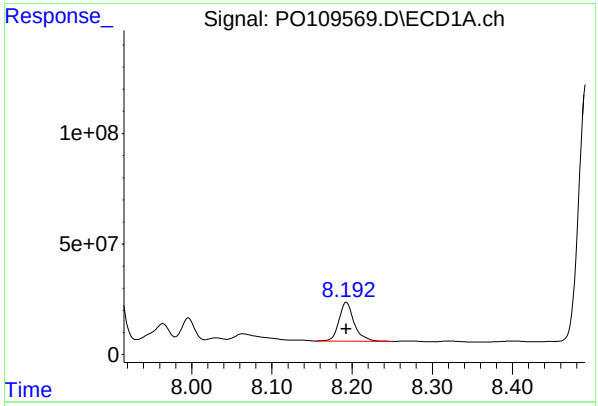

#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 473229500
Conc: 464.78 ng/ml




#43 AR-1268-3

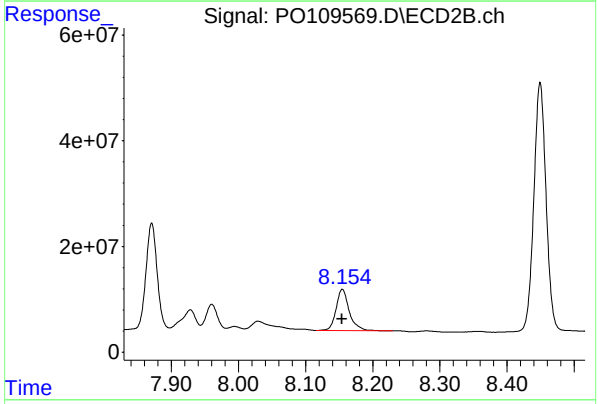
R.T.: 7.871 min
Delta R.T.: 0.001 min
Response: 228875835
Conc: 534.70 ng/ml




#44 AR-1268-4

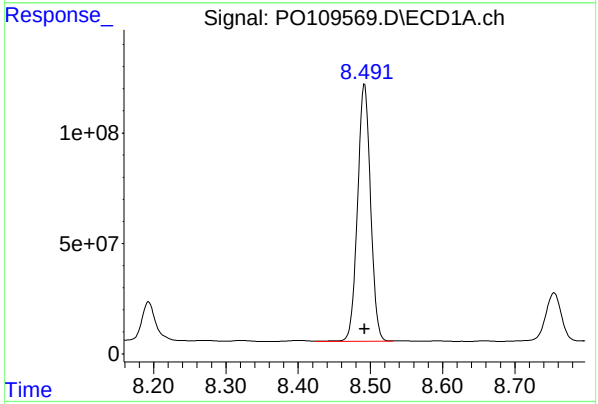
R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 232673903
Conc: 547.65 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-9A



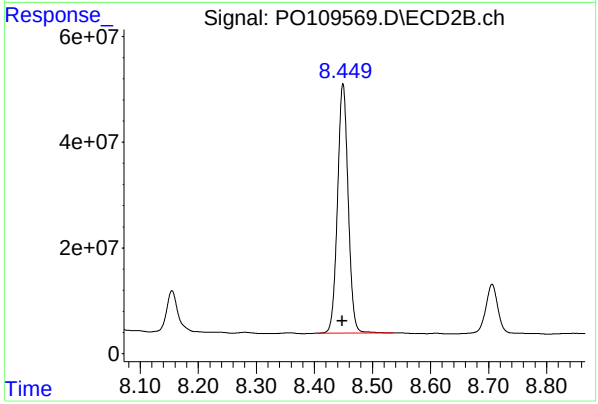

#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 105760976
Conc: 655.54 ng/ml




#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 1452531849
Conc: 481.03 ng/ml




#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.001 min
Response: 599760464
Conc: 548.66 ng/ml

Raw Data: **PO109610.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-9ADL | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-04DL | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 78 Decanted: |
| Sample Wt/Vol: | 30.06 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109610.D | 20 | 02/27/25 09:15 | 02/28/25 21:49 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 86.7 | UD | 86.7 | 435 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 164 | UD | 164 | 435 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 87.0 | UD | 87.0 | 435 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 86.7 | UD | 86.7 | 435 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 202 | UD | 202 | 435 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 8000 | D | 69.9 | 435 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 117 | UD | 117 | 435 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 465 | D | 87.8 | 435 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 74.5 | UD | 74.5 | 435 | ug/kg |
| Total PCBs | Total PCBs | 8400 | D | 158 | 435 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 28.0 | | 32 - 144 | 140% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 66.6 | * | 32 - 175 | 333% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109610.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 21:49
Operator : YP/AJ
Sample : Q1436-04DL 20X
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-9ADL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:32:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.693 | 13191408 | 7317307 | 1.394 | 1.398 |
| 2) | SA Decachlor... | 8.754 | 8.706 | 26195172 | 10610831 | 3.045 | 3.332 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.600 | 5.579 | 199.7E6 | 107.8E6 | 387.402 | 412.269 |
| 27) | L6 AR-1254-2 | 5.749 | 5.727 | 261.3E6 | 141.1E6 | 580.117 | 601.572 |
| 28) | L6 AR-1254-3 | 6.155 | 6.130 | 539.8E6 | 285.8E6 | 753.897 | 801.114 |
| 29) | L6 AR-1254-4 | 6.384 | 6.357 | 341.8E6 | 173.5E6 | 816.131 | 898.246 |
| 30) | L6 AR-1254-5 | 6.804 | 6.775 | 1127.3E6 | 578.7E6 | 1806.803 | 1950.114 |
| 41) | L9 AR-1268-1 | 7.632 | 7.598 | 54990958 | 24826941 | 41.527 | 43.448 |
| 42) | L9 AR-1268-2 | 7.694 | 7.660 | 107.4E6 | 50935920 | 88.816 | 97.031 |
| 43) | L9 AR-1268-3 | 7.905 | 7.870 | 37038921 | 17742492 | 36.378 | 41.450 |
| 44) | L9 AR-1268-4 | 8.192 | 8.154 | 18676861 | 8103432 | 43.960 | 50.227 |
| 45) | L9 AR-1268-5 | 8.492 | 8.448 | 101.2E6 | 43868371 | 33.524 | 40.130 |

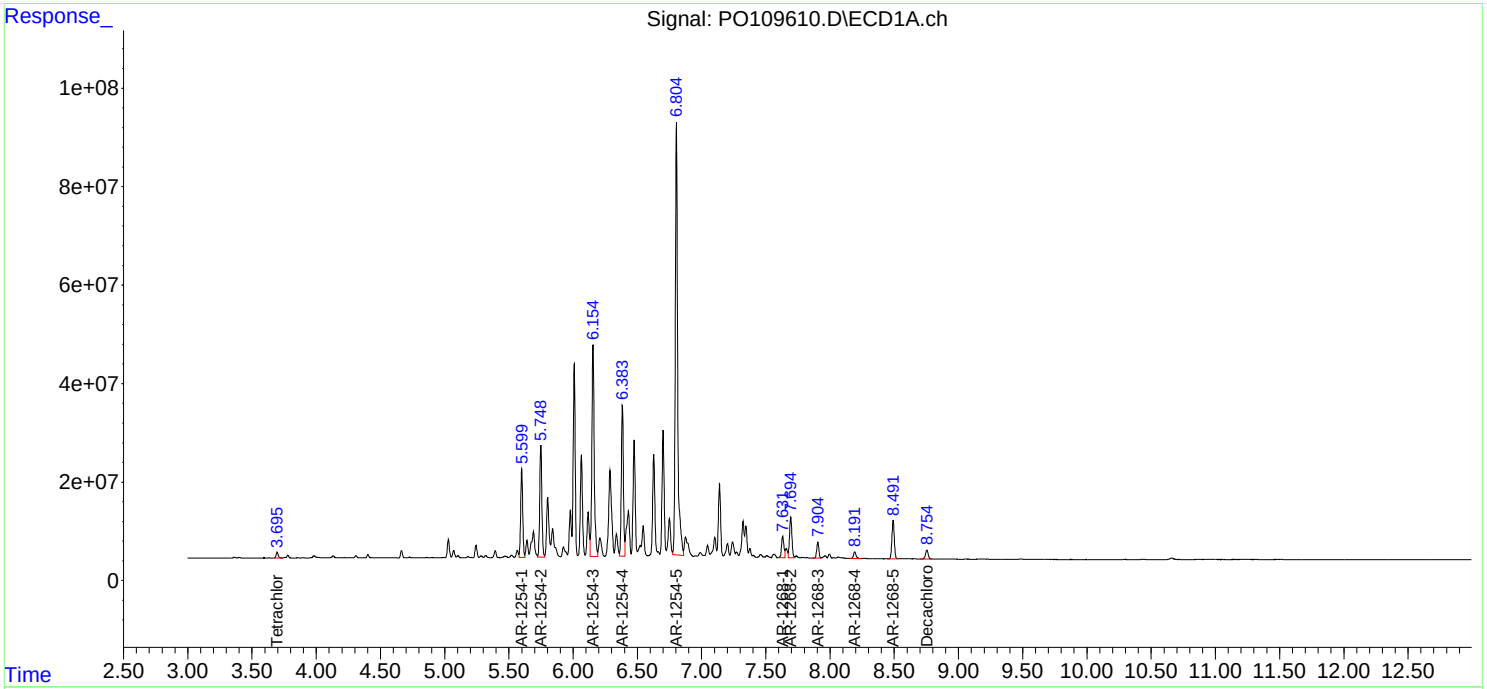
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

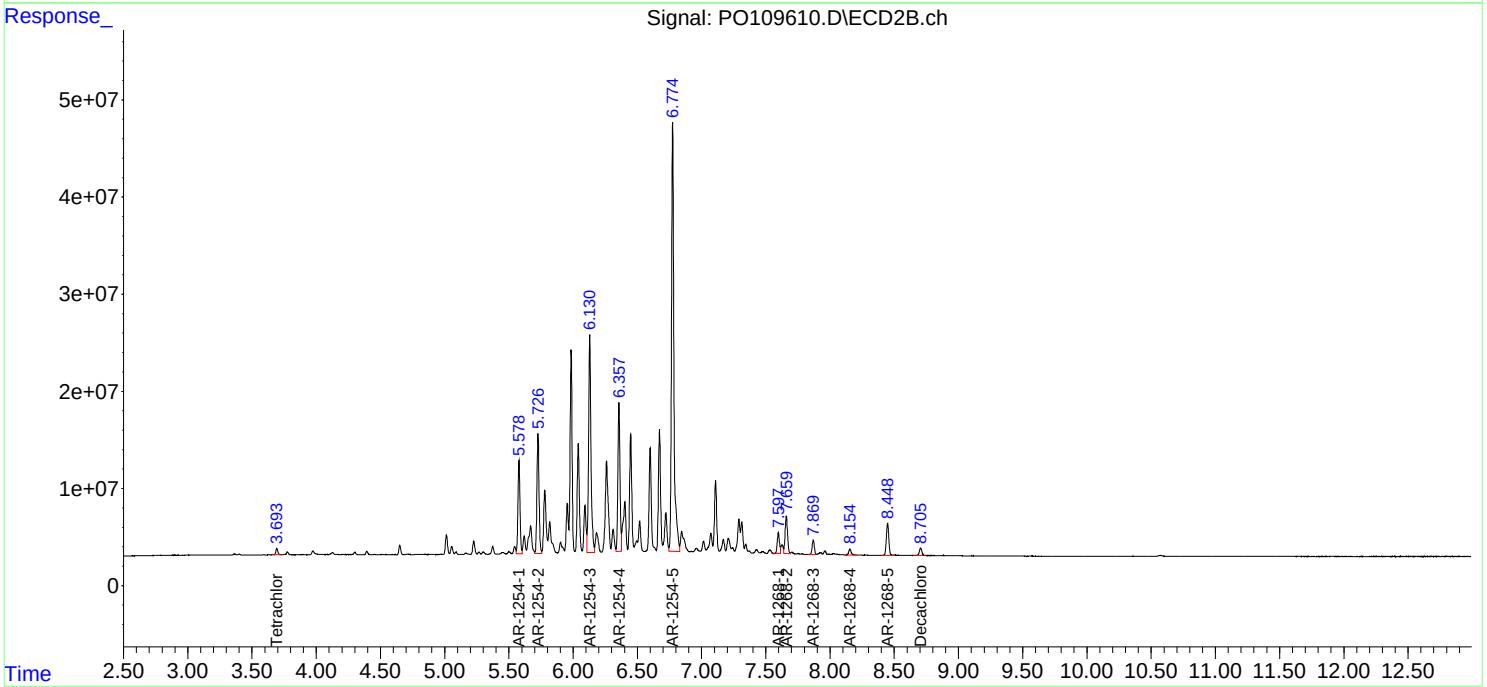
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109610.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 21:49
Operator : YP/AJ
Sample : Q1436-04DL 20X
Misc :
ALS Vial : 34 Sample Multiplier: 1

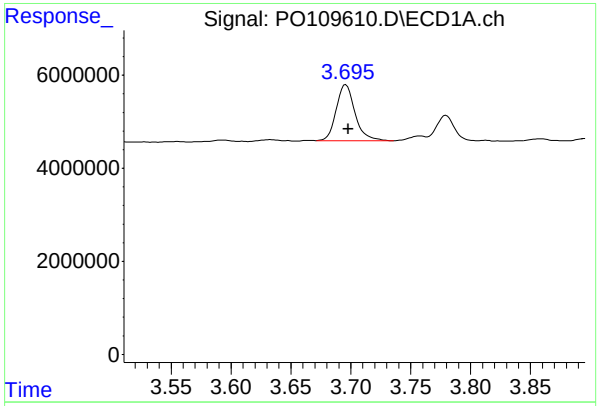
**Instrument :**
ECD_O
**ClientSampleId :**
K084-9ADL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:32:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



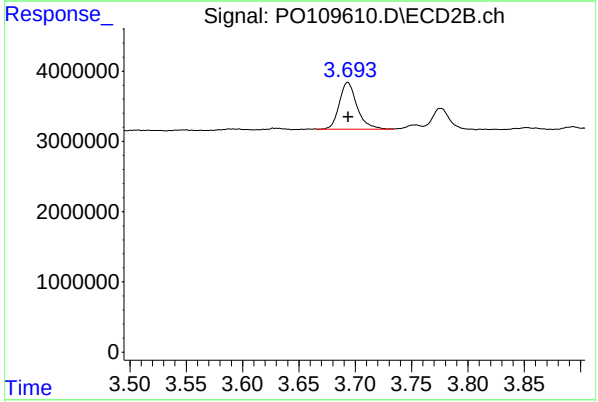






#1 Tetrachloro-m-xylene

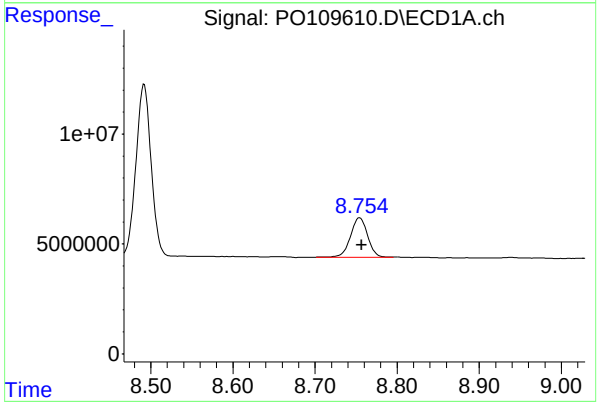
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 13191408
Conc: 1.39 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-9ADL



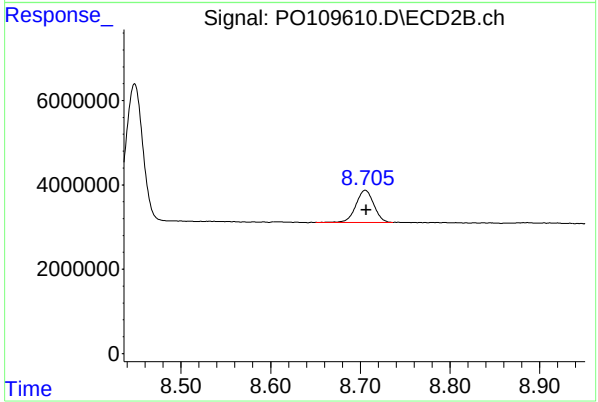

#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 7317307
Conc: 1.40 ng/ml



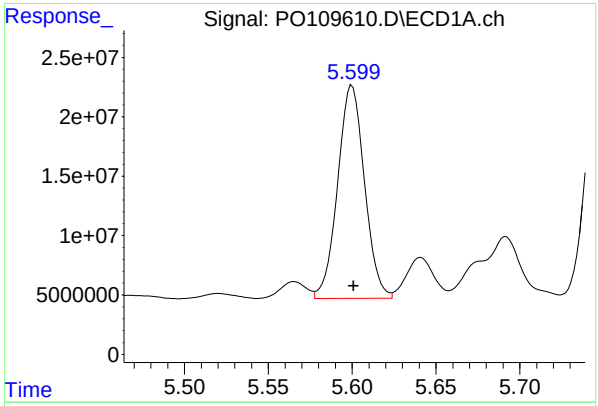

#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 26195172
Conc: 3.05 ng/ml




#2 Decachlorobiphenyl

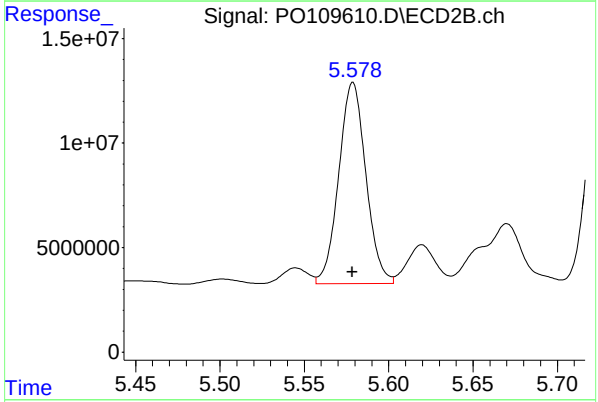
R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 10610831
Conc: 3.33 ng/ml




#26 AR-1254-1

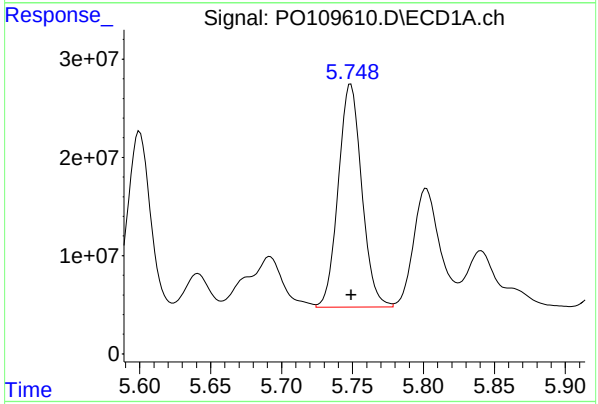
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 199747162
Conc: 387.40 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-9ADL



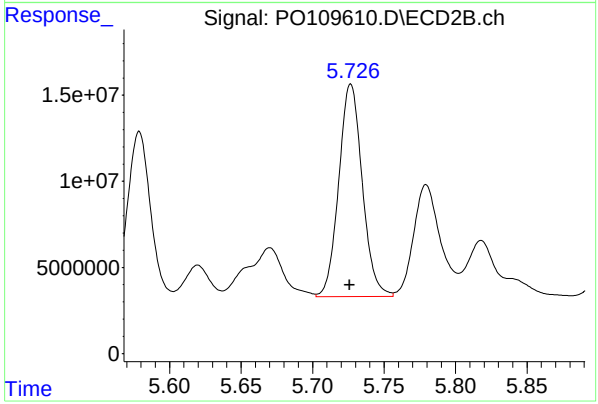

#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 107824154
Conc: 412.27 ng/ml



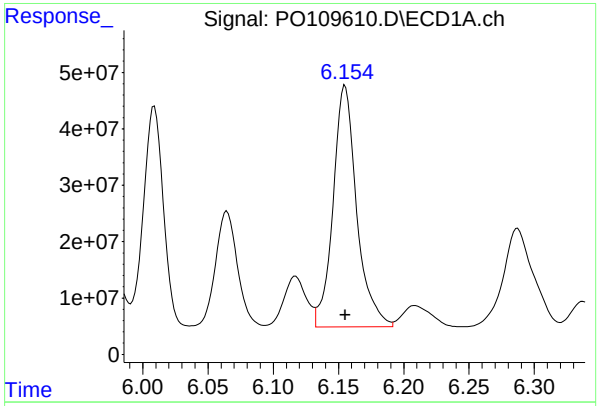

#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 261269854
Conc: 580.12 ng/ml




#27 AR-1254-2

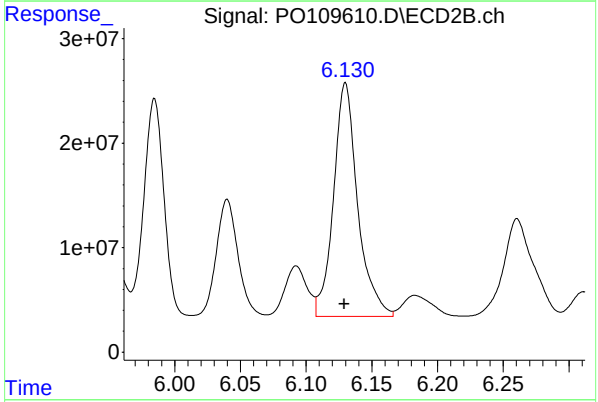
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 141105653
Conc: 601.57 ng/ml




#28 AR-1254-3

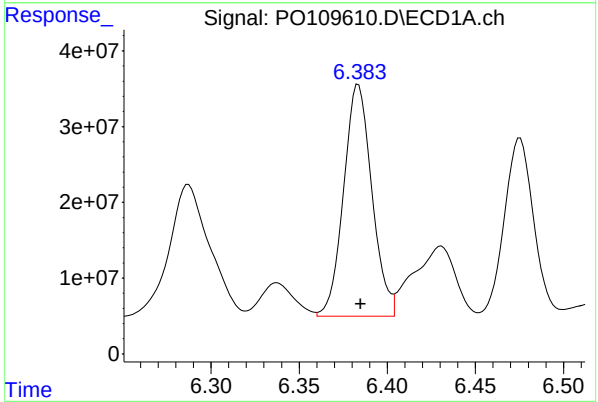
R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 539756776
Conc: 753.90 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-9ADL



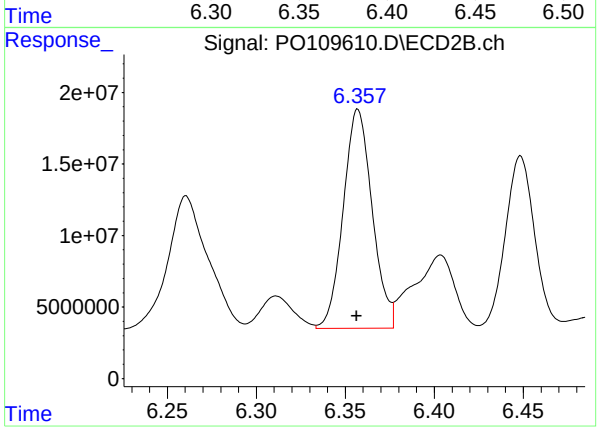

#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 285761009
Conc: 801.11 ng/ml



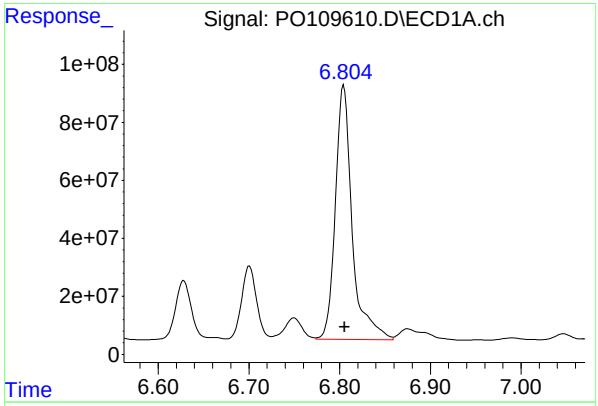

#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: -0.001 min
Response: 341788927
Conc: 816.13 ng/ml




#29 AR-1254-4

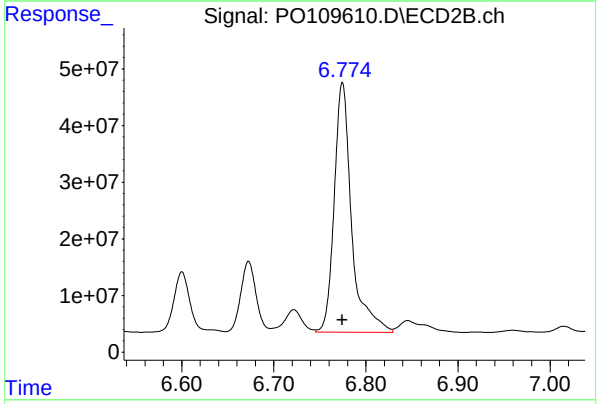
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 173472270
Conc: 898.25 ng/ml




#30 AR-1254-5

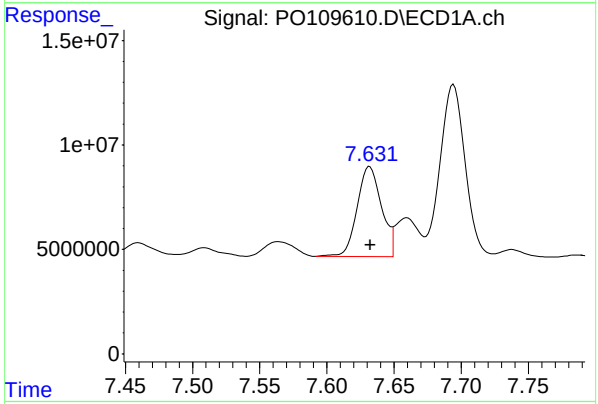
R.T.: 6.804 min
Delta R.T.: -0.001 mi
Response: 1127269424
Conc: 1806.80 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
K084-9ADL



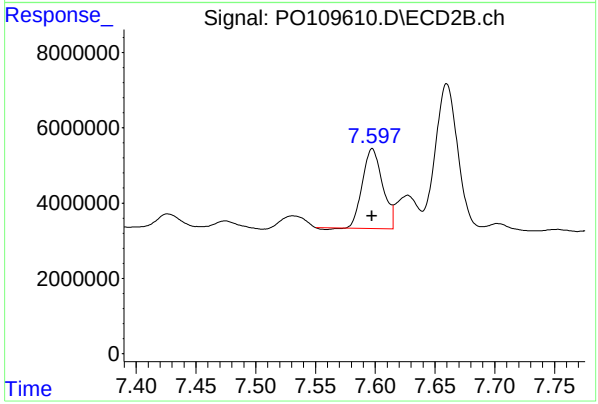

#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 578661585
Conc: 1950.11 ng/ml



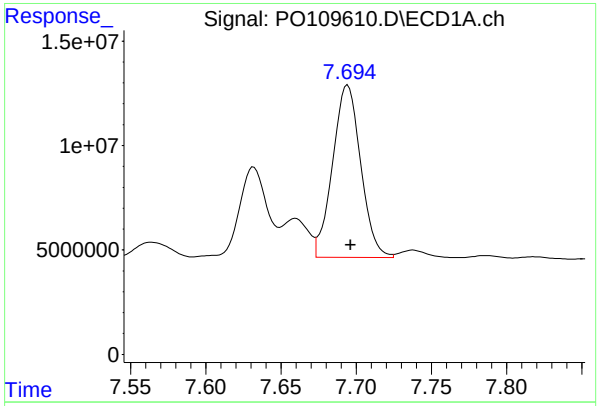

#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 54990958
Conc: 41.53 ng/ml




#41 AR-1268-1

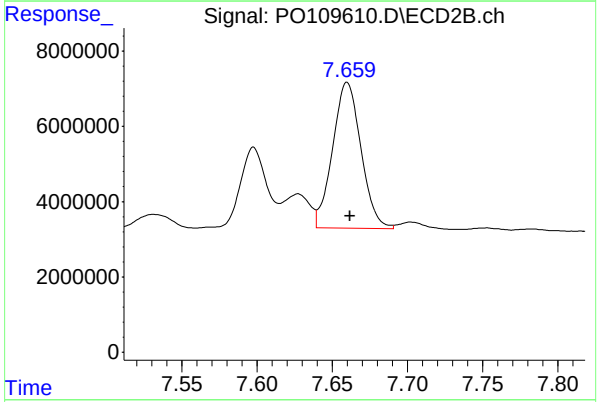
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 24826941
Conc: 43.45 ng/ml




#42 AR-1268-2

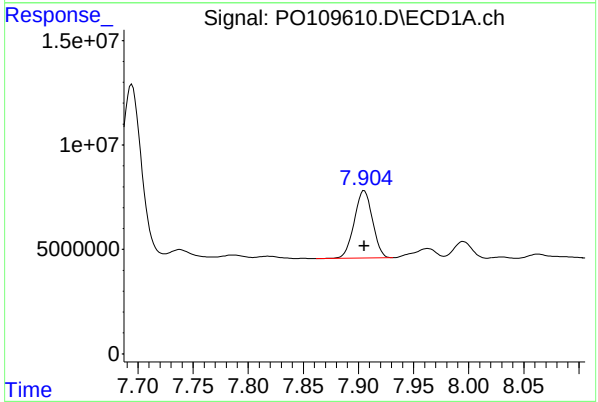
R.T.: 7.694 min
Delta R.T.: -0.002 min
Response: 107387465
Conc: 88.82 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-9ADL



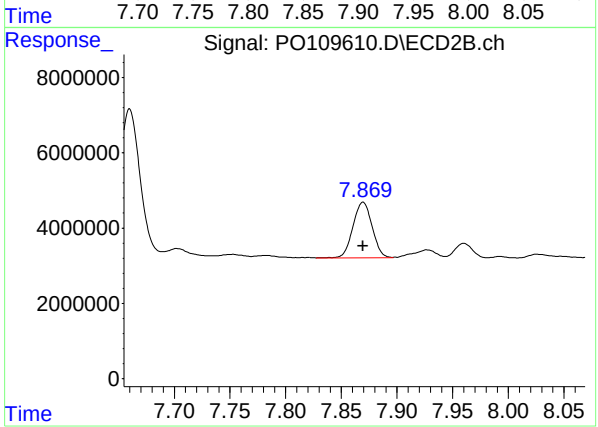

#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 50935920
Conc: 97.03 ng/ml



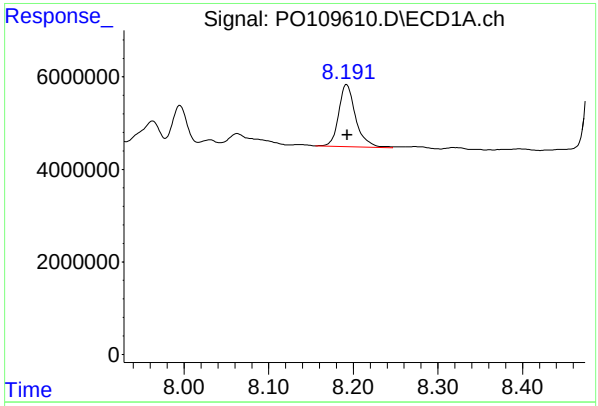

#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 37038921
Conc: 36.38 ng/ml




#43 AR-1268-3

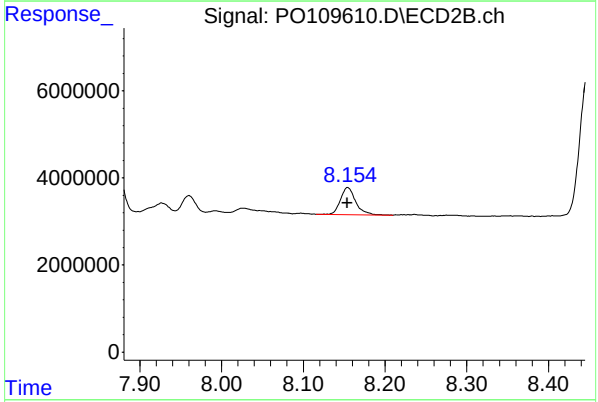
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 17742492
Conc: 41.45 ng/ml




#44 AR-1268-4

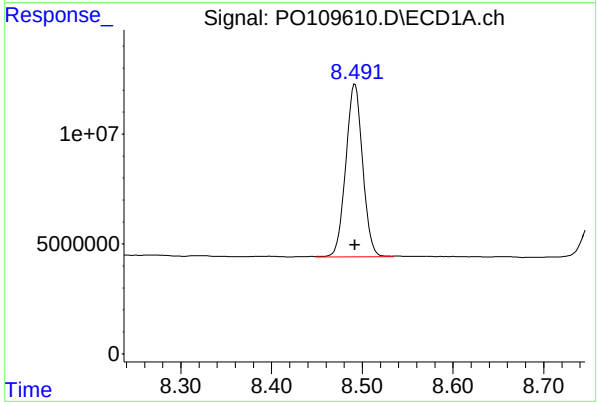
R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 18676861
Conc: 43.96 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-9ADL



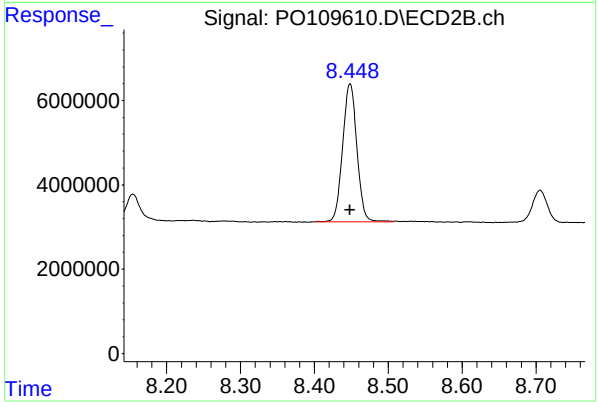

#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 8103432
Conc: 50.23 ng/ml




#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 101230763
Conc: 33.52 ng/ml




#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 43868371
Conc: 40.13 ng/ml

Raw Data: **PP070321.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-9B | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-05 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 67.6 Decanted: |
| Sample Wt/Vol: | 30.08 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP070321.D | 1 | 03/06/25 11:40 | 03/06/25 18:48 | PB167022 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 5.00 | U | 5.00 | 25.1 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 9.50 | U | 9.50 | 25.1 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 5.00 | U | 5.00 | 25.1 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 5.00 | U | 5.00 | 25.1 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 11.6 | U | 11.6 | 25.1 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 477 | | 4.00 | 25.1 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 6.70 | U | 6.70 | 25.1 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 36.6 | | 5.10 | 25.1 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 4.30 | U | 4.30 | 25.1 | ug/kg |
| Total PCBs | Total PCBs | 514 | | 9.10 | 25.1 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 22.3 | | 32 - 144 | 111% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 13.3 | | 32 - 175 | 66% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 18:48
Operator : YP\AJ
Sample : Q1436-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
K084-9B

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:35:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.526 | 3.829 | 31482386 | 21276122 | 21.451 | 22.255 |
| 2) | SA Decachlor... | 10.260 | 8.886 | 15026191 | 14389296 | 13.192 | 13.273 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.529 | 5.725 | 27921332 | 23294080 | 492.437m | 426.871 |
| 27) | L6 AR-1254-2 | 6.746 | 5.874 | 49592057 | 33851357 | 565.567 | 694.450 |
| 28) | L6 AR-1254-3 | 7.110 | 6.279 | 67082529 | 63372363 | 752.668 | 835.864 |
| 29) | L6 AR-1254-4 | 7.393 | 6.506 | 58742947 | 44330682 | 788.378 | 861.459m |
| 30) | L6 AR-1254-5 | 7.821 | 6.925 | 151.4E6 | 133.4E6 | 2253.986 | 1974.990 |
| 41) | L9 AR-1268-1 | 8.753 | 7.749 | 19352721 | 13329009 | 100.746 | 80.417 |
| 42) | L9 AR-1268-2 | 8.842 | 7.813 | 10633828 | 18324664 | 64.220 | 126.341 # |
| 43) | L9 AR-1268-3 | 9.076 | 8.021 | 7727297 | 6665708 | 53.847 | 54.430 |
| 44) | L9 AR-1268-4 | 9.496 | 8.316 | 3152273 | 2995153 | 49.997 | 56.316 |
| 45) | L9 AR-1268-5 | 9.916 | 8.620 | 22003969 | 19313184 | 52.904 | 54.370 |

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

Sample Results: **PP070321.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 18:48
Operator : YP\AJ
Sample : Q1436-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

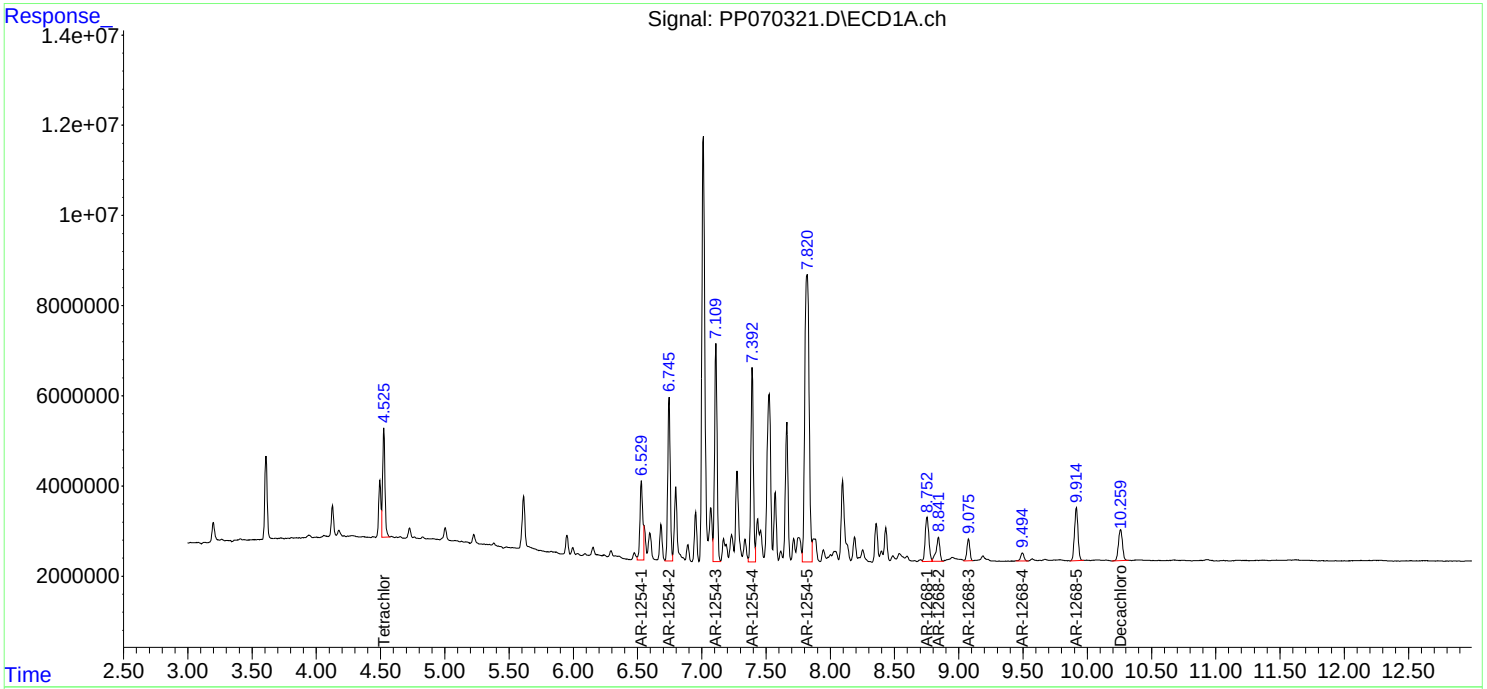
**Instrument :**
ECD_P
**ClientSampleId :**
K084-9B

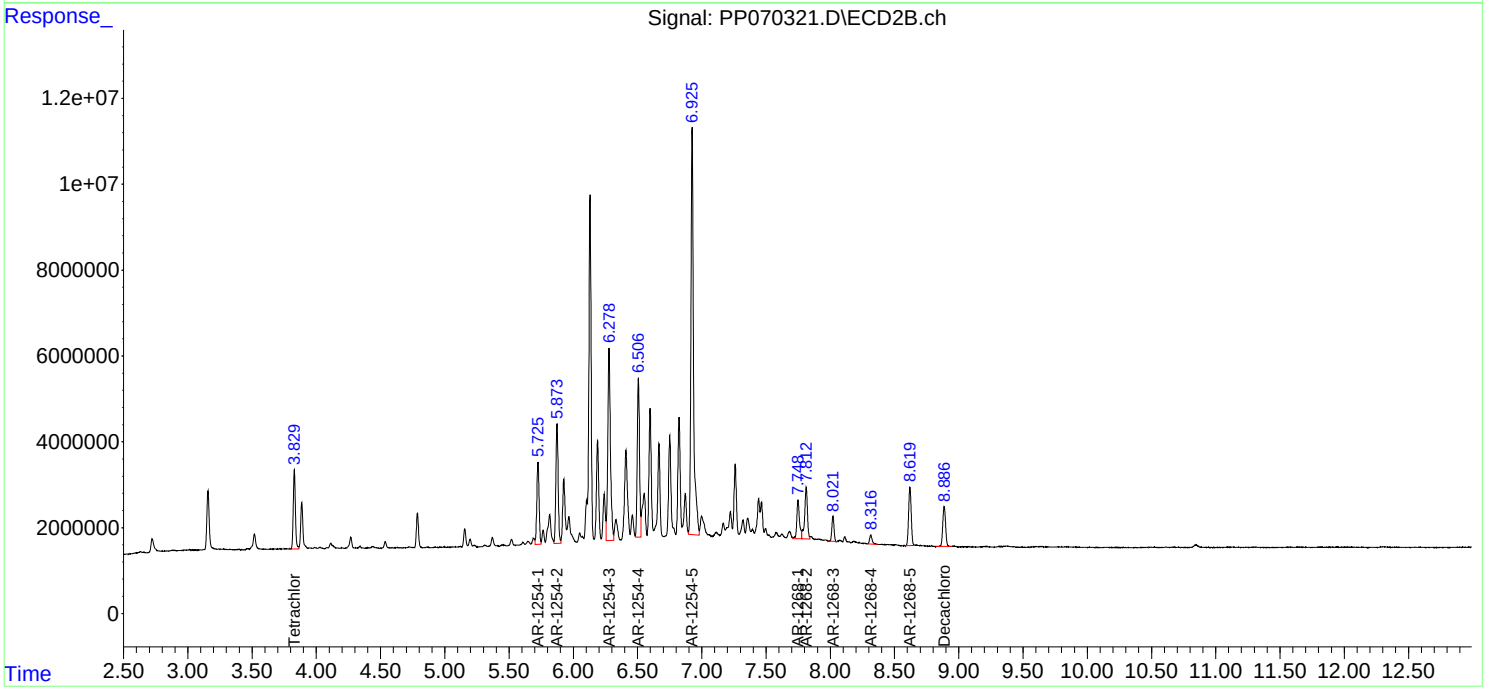
**Manual Integrations APPROVED**

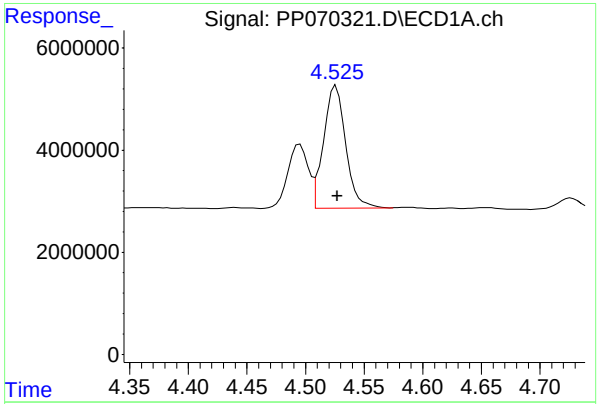
Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:35:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





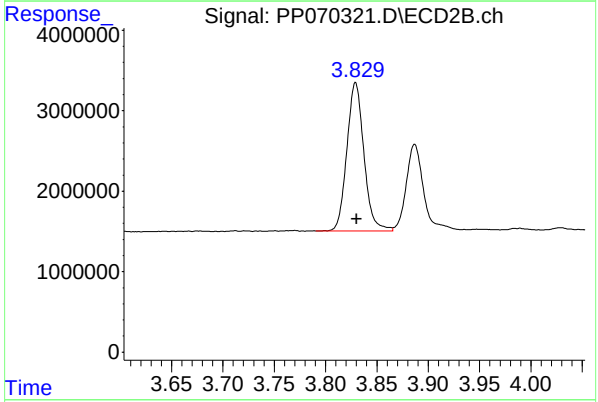

#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 31482386
Conc: 21.45 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-9B

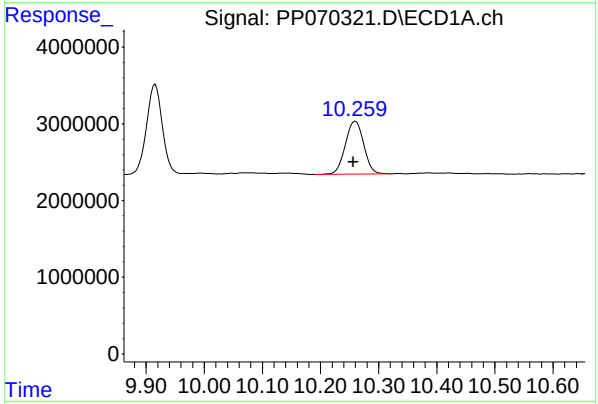
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



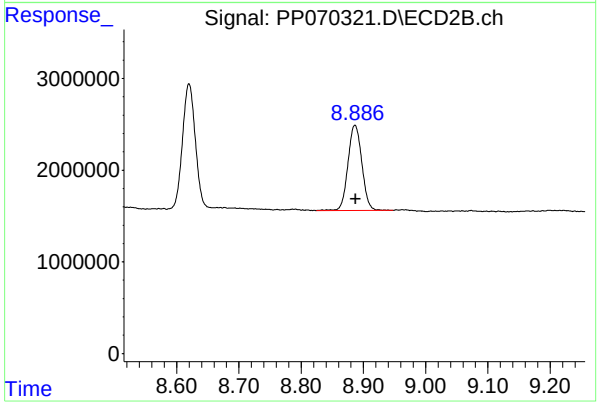

#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.001 min
Response: 21276122
Conc: 22.25 ng/ml



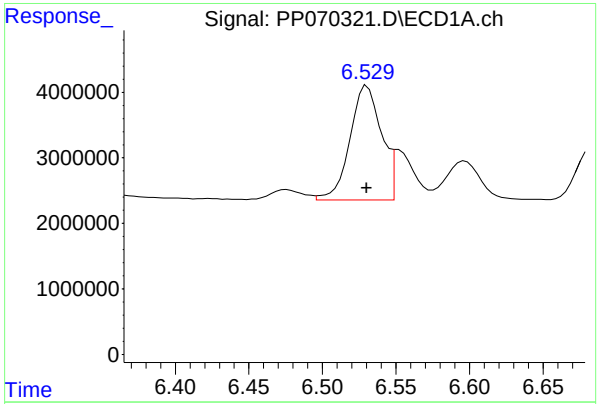

#2 Decachlorobiphenyl

R.T.: 10.260 min
Delta R.T.: 0.004 min
Response: 15026191
Conc: 13.19 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 14389296
Conc: 13.27 ng/ml



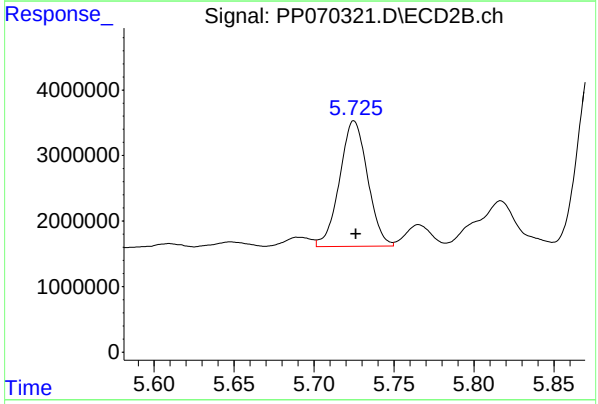

#26 AR-1254-1

R.T.: 6.529 min
Delta R.T.: -0.001 min
Response: 27921332
Conc: 492.44 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-9B

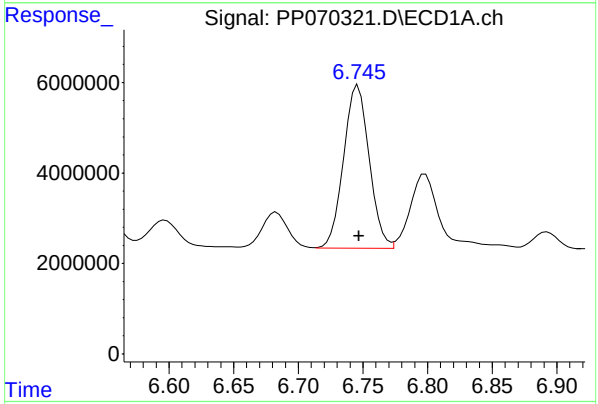
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



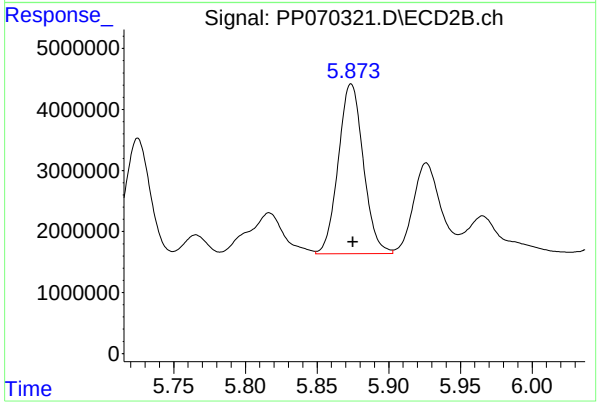

#26 AR-1254-1

R.T.: 5.725 min
Delta R.T.: -0.001 min
Response: 23294080
Conc: 426.87 ng/ml



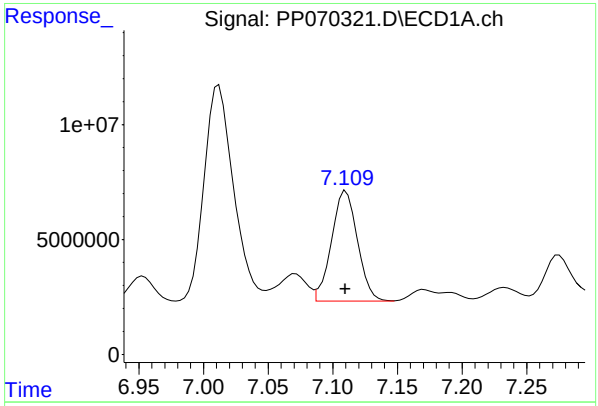

#27 AR-1254-2

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 49592057
Conc: 565.57 ng/ml




#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.001 min
Response: 33851357
Conc: 694.45 ng/ml



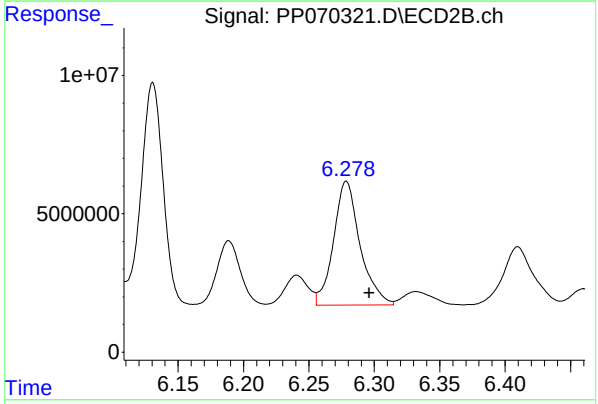

#28 AR-1254-3

R.T.: 7.110 min
Delta R.T.: 0.000 mi
Response: 67082529
Conc: 752.67 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
K084-9B

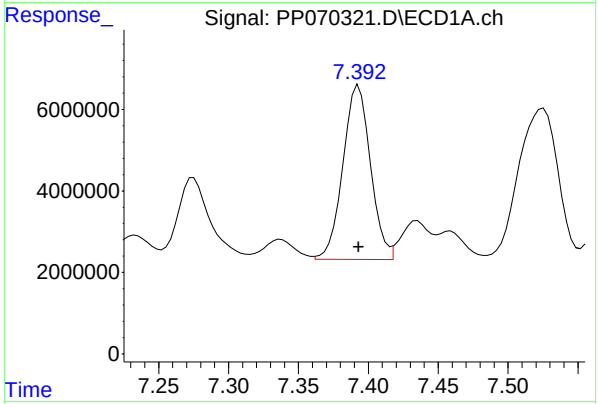
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



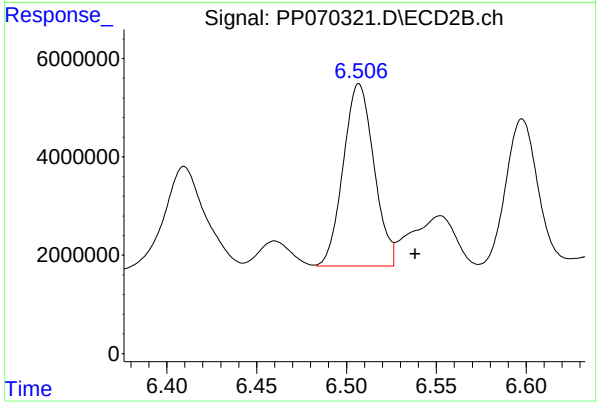

#28 AR-1254-3

R.T.: 6.279 min
Delta R.T.: -0.017 min
Response: 63372363
Conc: 835.86 ng/ml



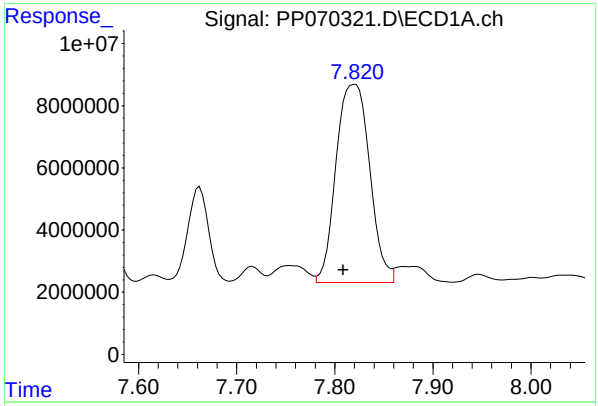

#29 AR-1254-4

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 58742947
Conc: 788.38 ng/ml




#29 AR-1254-4

R.T.: 6.506 min
Delta R.T.: -0.032 min
Response: 44330682
Conc: 861.46 ng/ml m



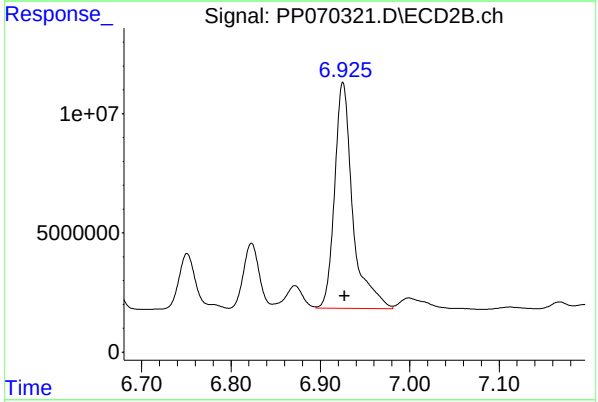

#30 AR-1254-5

R.T.: 7.821 min
Delta R.T.: 0.012 mi
Response: 151382843
Conc: 2253.99 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
K084-9B

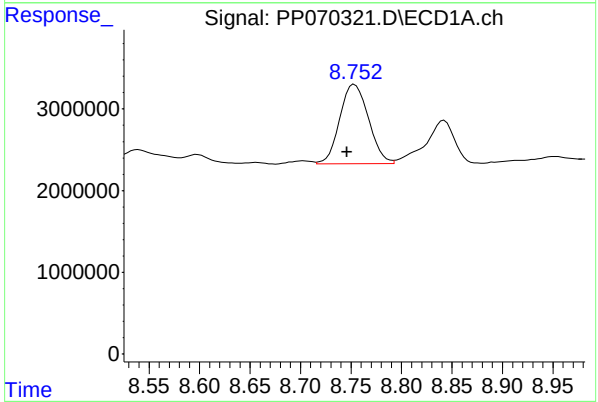
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



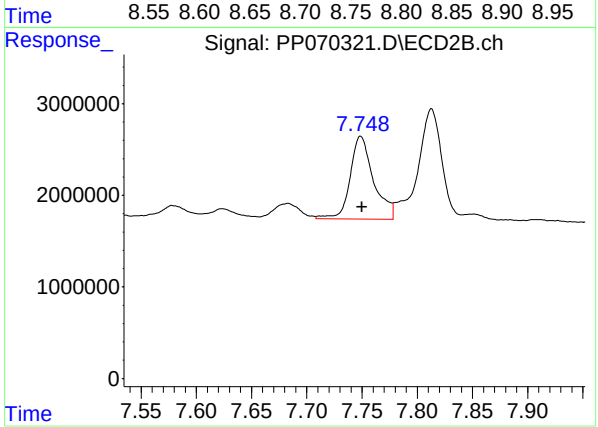

#30 AR-1254-5

R.T.: 6.925 min
Delta R.T.: -0.002 min
Response: 133448554
Conc: 1974.99 ng/ml



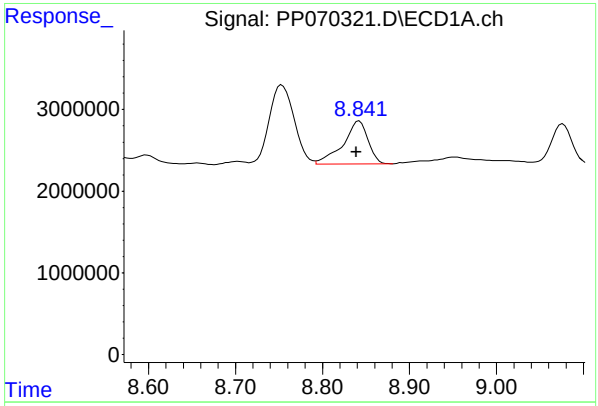

#41 AR-1268-1

R.T.: 8.753 min
Delta R.T.: 0.007 min
Response: 19352721
Conc: 100.75 ng/ml




#41 AR-1268-1

R.T.: 7.749 min
Delta R.T.: -0.001 min
Response: 13329009
Conc: 80.42 ng/ml



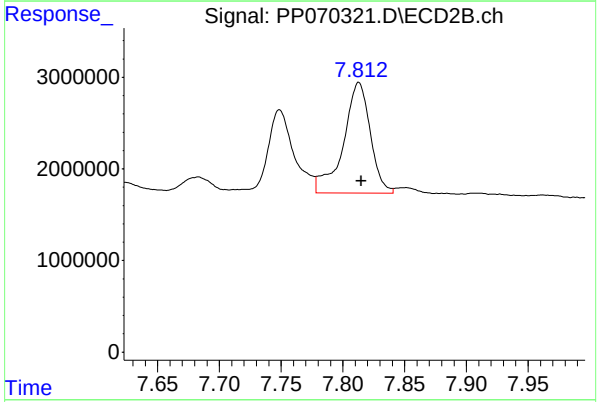

#42 AR-1268-2

R.T.: 8.842 min
Delta R.T.: 0.003 min
Response: 10633828
Conc: 64.22 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-9B

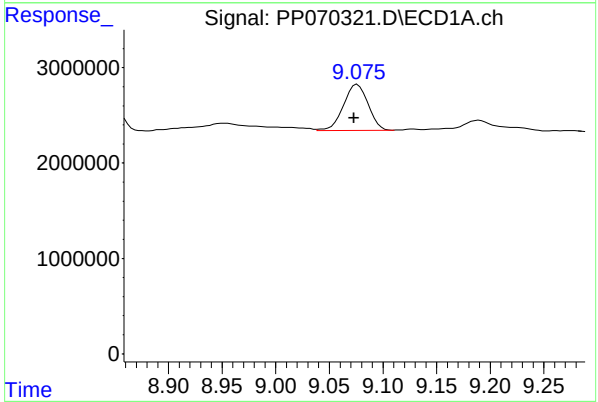
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



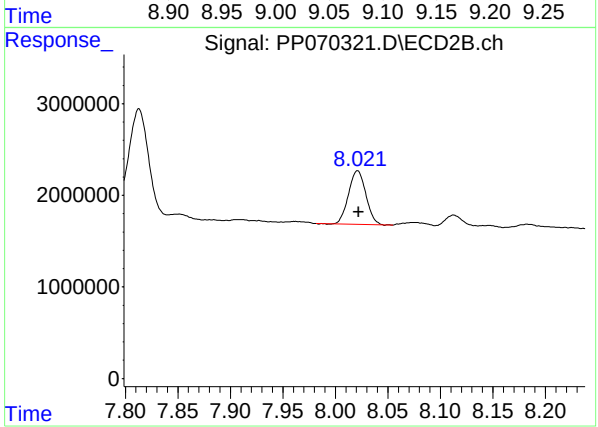

#42 AR-1268-2

R.T.: 7.813 min
Delta R.T.: -0.002 min
Response: 18324664
Conc: 126.34 ng/ml



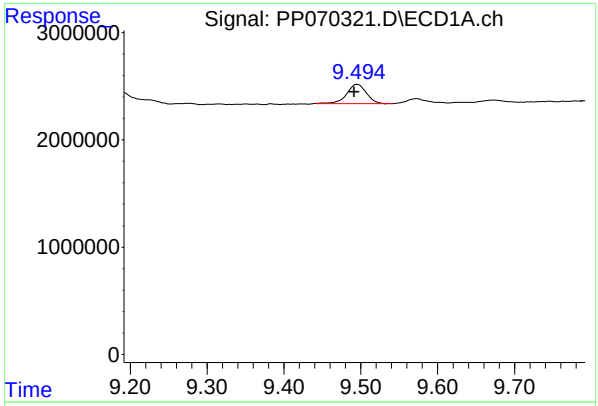

#43 AR-1268-3

R.T.: 9.076 min
Delta R.T.: 0.003 min
Response: 7727297
Conc: 53.85 ng/ml




#43 AR-1268-3

R.T.: 8.021 min
Delta R.T.: 0.000 min
Response: 6665708
Conc: 54.43 ng/ml



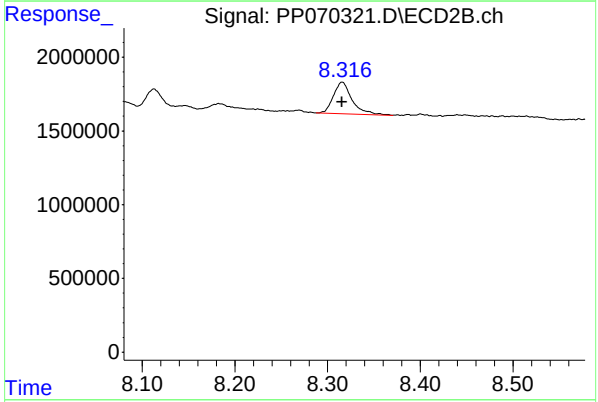

#44 AR-1268-4

R.T.: 9.496 min
Delta R.T.: 0.004 min
Response: 3152273
Conc: 50.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-9B

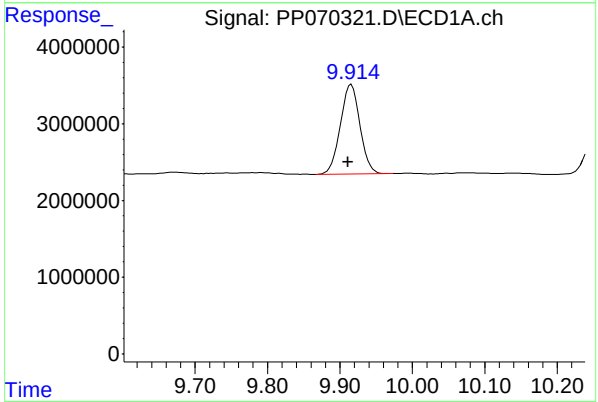
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



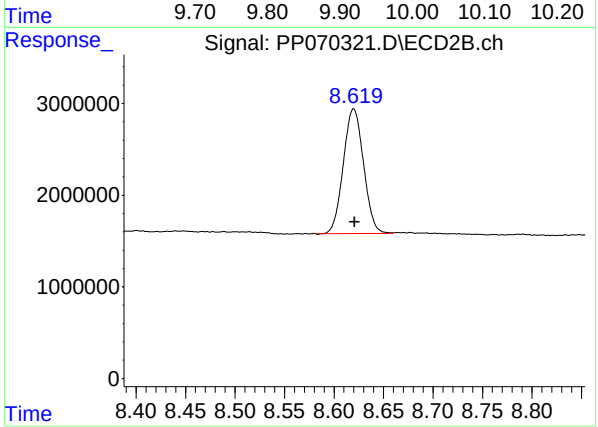

#44 AR-1268-4

R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 2995153
Conc: 56.32 ng/ml




#45 AR-1268-5

R.T.: 9.916 min
Delta R.T.: 0.004 min
Response: 22003969
Conc: 52.90 ng/ml




#45 AR-1268-5

R.T.: 8.620 min
Delta R.T.: 0.000 min
Response: 19313184
Conc: 54.37 ng/ml

Raw Data: **PP070322.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-9C | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-06 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 58.8 Decanted: |
| Sample Wt/Vol: | 30.04 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP070322.D | 1 | 03/06/25 11:40 | 03/06/25 19:05 | PB167022 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 5.80 | U | 5.80 | 28.9 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 10.9 | U | 10.9 | 28.9 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 5.80 | U | 5.80 | 28.9 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 5.80 | U | 5.80 | 28.9 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 13.4 | U | 13.4 | 28.9 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 390 | | 4.60 | 28.9 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 7.80 | U | 7.80 | 28.9 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 34.2 | | 5.80 | 28.9 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 4.90 | U | 4.90 | 28.9 | ug/kg |
| Total PCBs | Total PCBs | 424 | | 10.4 | 28.9 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 22.4 | | 32 - 144 | 112% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 18.7 | | 32 - 175 | 94% | SPK: 20 |

Comments:

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

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

Sample Results: **PP070322.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070322.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 19:05
Operator : YP\AJ
Sample : Q1436-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
K084-9C

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:35:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.528 | 3.829 | 30046706 | 21412240 | 20.473 | 22.397m |
| 2) | SA Decachlor... | 10.259 | 8.884 | 21337494 | 20298676 | 18.733 | 18.724 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.528 | 5.724 | 15521544 | 13277824 | 273.747m | 243.320 |
| 27) | L6 AR-1254-2 | 6.747 | 5.872 | 32287751 | 23257057 | 368.222 | 477.112 # |
| 28) | L6 AR-1254-3 | 7.110 | 6.277 | 42962004 | 43303035 | 482.035 | 571.155 |
| 29) | L6 AR-1254-4 | 7.393 | 6.505 | 38930992 | 31408616 | 522.486 | 610.350m |
| 30) | L6 AR-1254-5 | 7.824 | 6.923 | 118.6E6 | 104.2E6 | 1766.294 | 1542.372 |
| 41) | L9 AR-1268-1 | 8.753 | 7.747 | 16506665 | 10580607 | 85.930 | 63.835m# |
| 42) | L9 AR-1268-2 | 8.842 | 7.811 | 9865653 | 14634769 | 59.580 | 100.901 # |
| 43) | L9 AR-1268-3 | 9.075 | 8.019 | 5946100 | 5098283 | 41.435 | 41.631m |
| 44) | L9 AR-1268-4 | 9.495 | 8.314 | 2797001 | 2921399 | 44.362 | 54.929 |
| 45) | L9 AR-1268-5 | 9.915 | 8.618 | 17067419 | 14467185 | 41.035 | 40.727 |

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

Sample Results: **PP070322.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070322.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 19:05
Operator : YP\AJ
Sample : Q1436-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

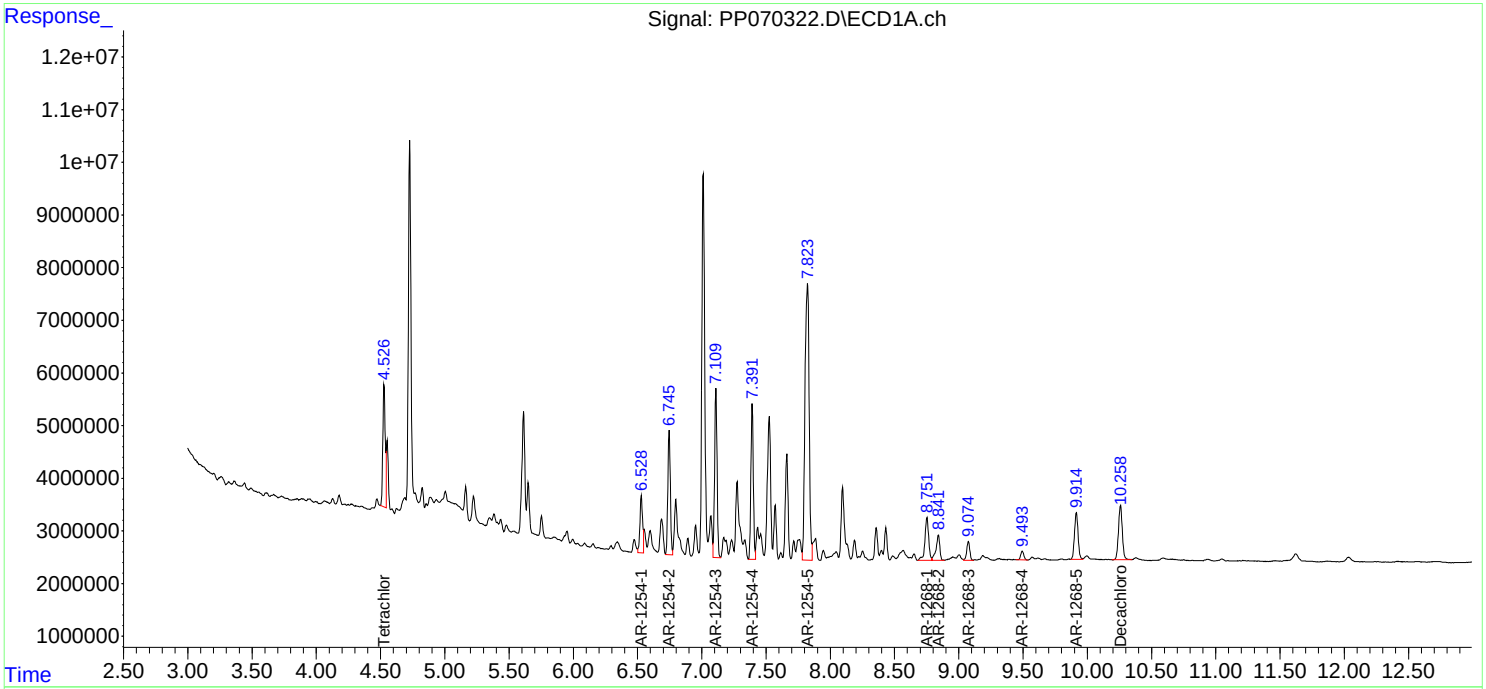
**Instrument :**
ECD_P
**ClientSampleId :**
K084-9C

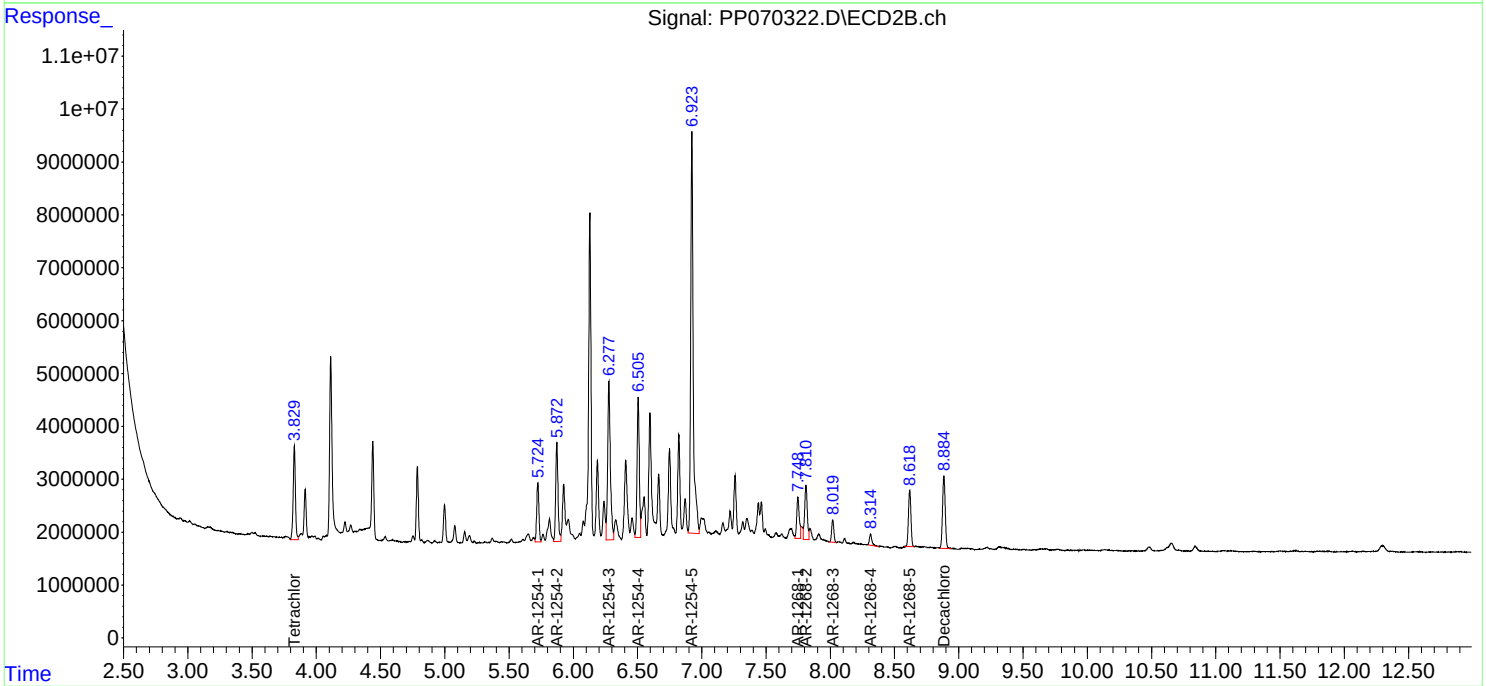
**Manual Integrations APPROVED**

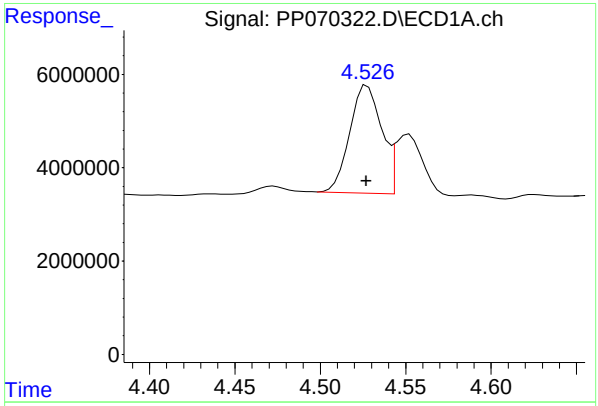
Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:35:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





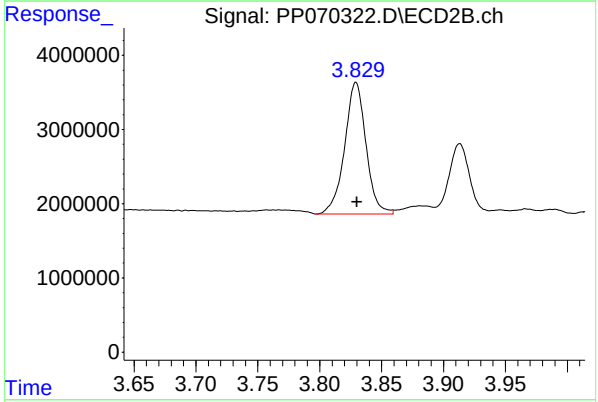

#1 Tetrachloro-m-xylene

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 30046706
Conc: 20.47 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-9C

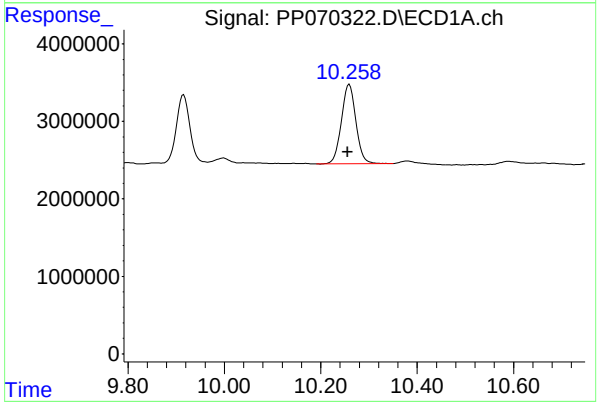
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



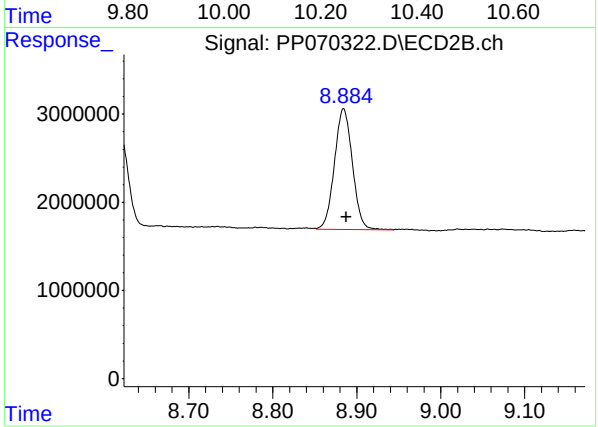

#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.001 min
Response: 21412240
Conc: 22.40 ng/ml m



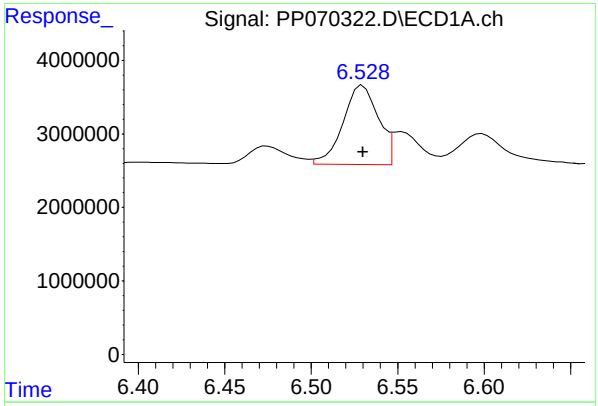

#2 Decachlorobiphenyl

R.T.: 10.259 min
Delta R.T.: 0.003 min
Response: 21337494
Conc: 18.73 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.884 min
Delta R.T.: -0.004 min
Response: 20298676
Conc: 18.72 ng/ml



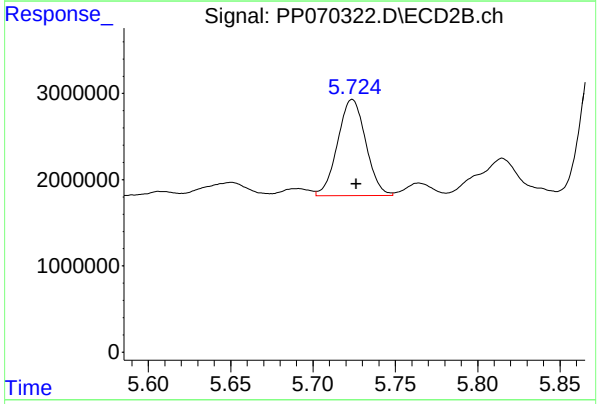

#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 15521544
Conc: 273.75 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-9C

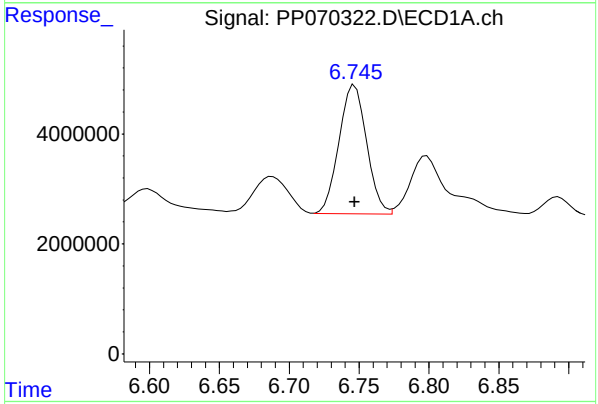
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



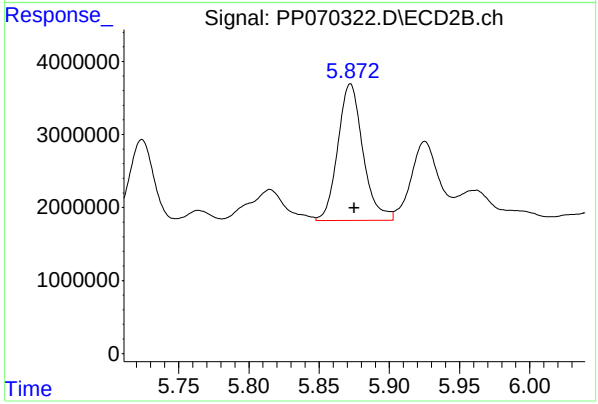

#26 AR-1254-1

R.T.: 5.724 min
Delta R.T.: -0.002 min
Response: 13277824
Conc: 243.32 ng/ml



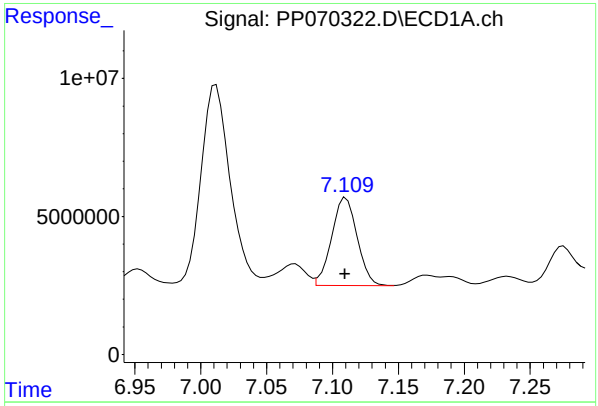

#27 AR-1254-2

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 32287751
Conc: 368.22 ng/ml




#27 AR-1254-2

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 23257057
Conc: 477.11 ng/ml



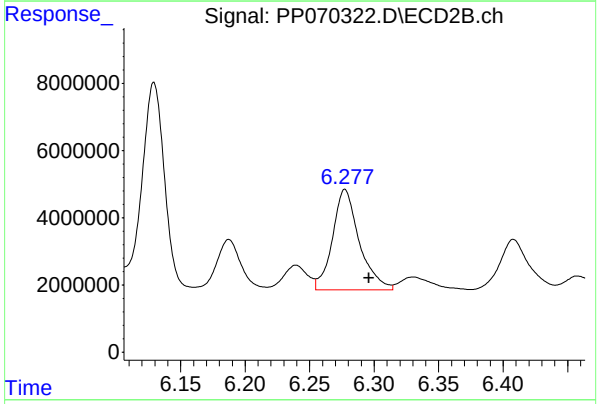

#28 AR-1254-3

R.T.: 7.110 min
Delta R.T.: 0.000 mi
Response: 42962004
Conc: 482.03 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
K084-9C

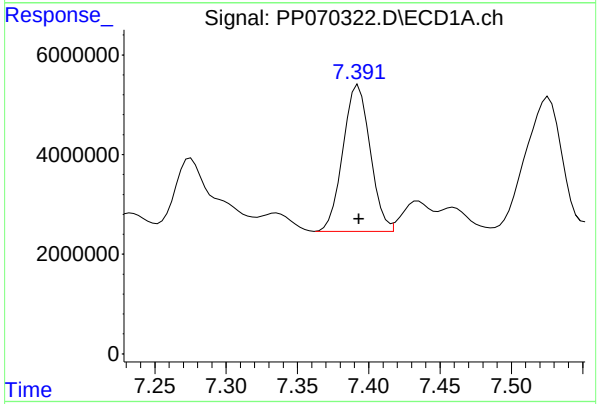
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



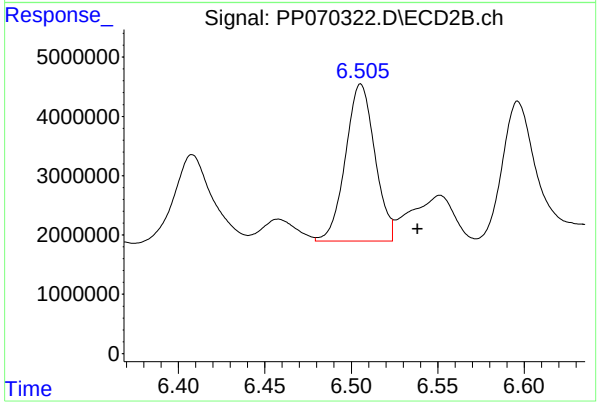

#28 AR-1254-3

R.T.: 6.277 min
Delta R.T.: -0.019 min
Response: 43303035
Conc: 571.16 ng/ml



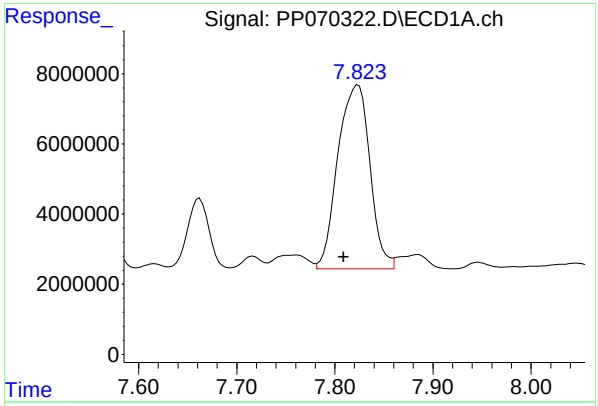

#29 AR-1254-4

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 38930992
Conc: 522.49 ng/ml




#29 AR-1254-4

R.T.: 6.505 min
Delta R.T.: -0.033 min
Response: 31408616
Conc: 610.35 ng/ml m



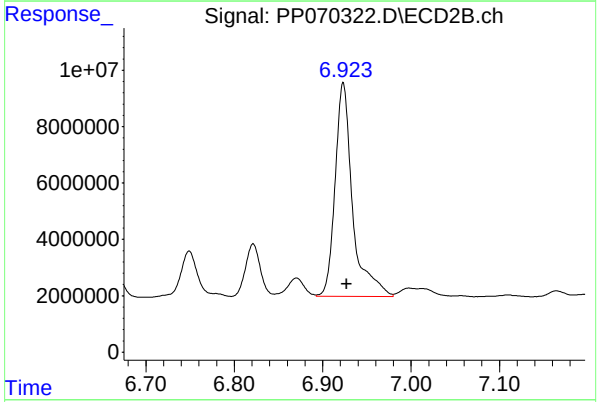

#30 AR-1254-5

R.T.: 7.824 min
Delta R.T.: 0.015 mi
Response: 118628365
Conc: 1766.29 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
K084-9C

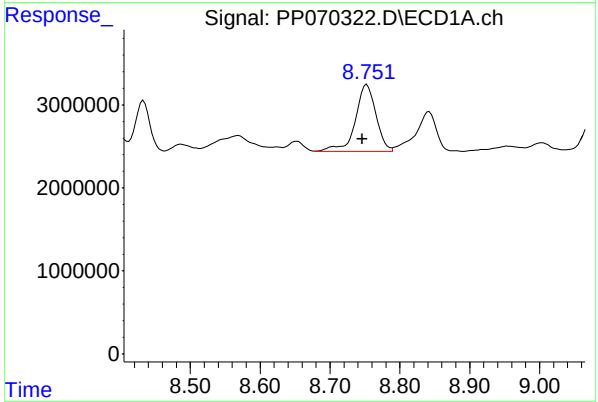
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



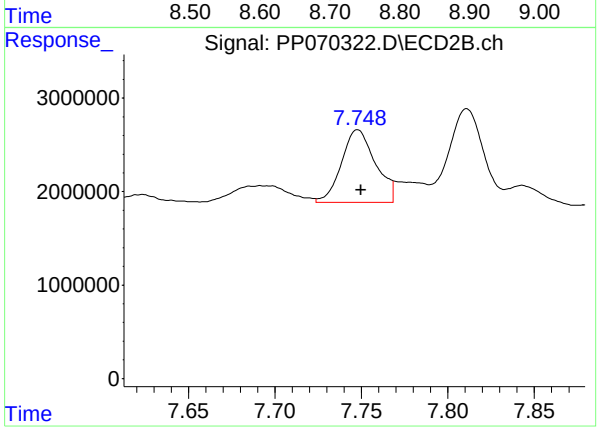

#30 AR-1254-5

R.T.: 6.923 min
Delta R.T.: -0.004 min
Response: 104216882
Conc: 1542.37 ng/ml



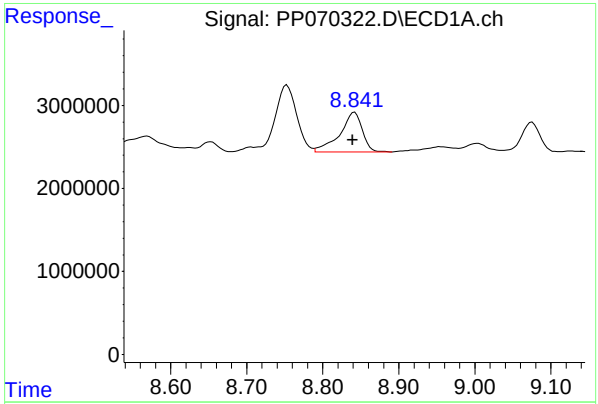

#41 AR-1268-1

R.T.: 8.753 min
Delta R.T.: 0.007 min
Response: 16506665
Conc: 85.93 ng/ml




#41 AR-1268-1

R.T.: 7.747 min
Delta R.T.: -0.002 min
Response: 10580607
Conc: 63.84 ng/ml m



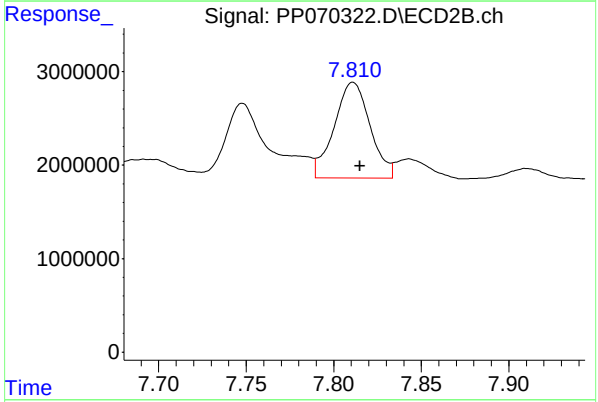

#42 AR-1268-2

R.T.: 8.842 min
Delta R.T.: 0.003 mi
Response: 9865653
Conc: 59.58 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
K084-9C

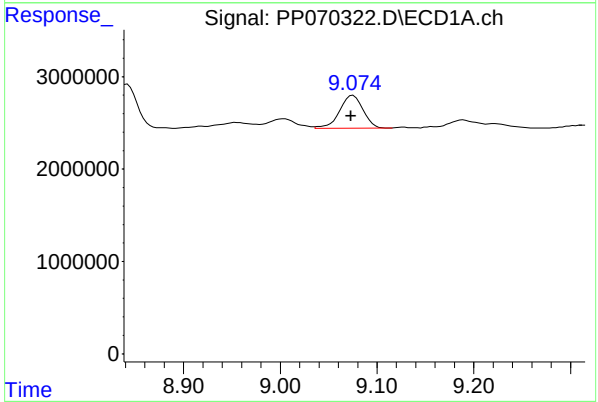
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



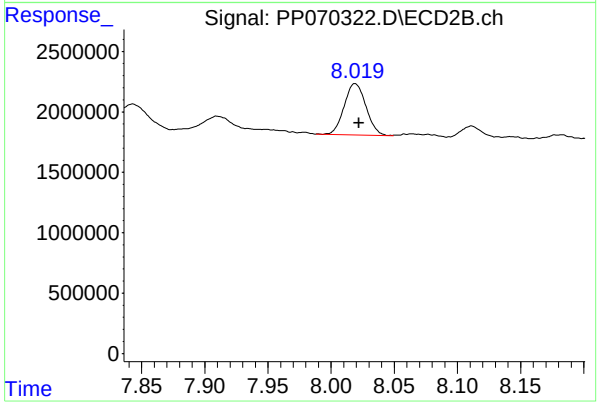

#42 AR-1268-2

R.T.: 7.811 min
Delta R.T.: -0.004 min
Response: 14634769
Conc: 100.90 ng/ml



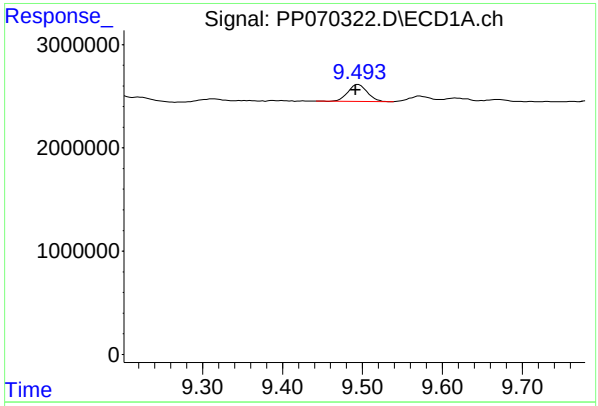

#43 AR-1268-3

R.T.: 9.075 min
Delta R.T.: 0.002 min
Response: 5946100
Conc: 41.44 ng/ml




#43 AR-1268-3

R.T.: 8.019 min
Delta R.T.: -0.003 min
Response: 5098283
Conc: 41.63 ng/ml m



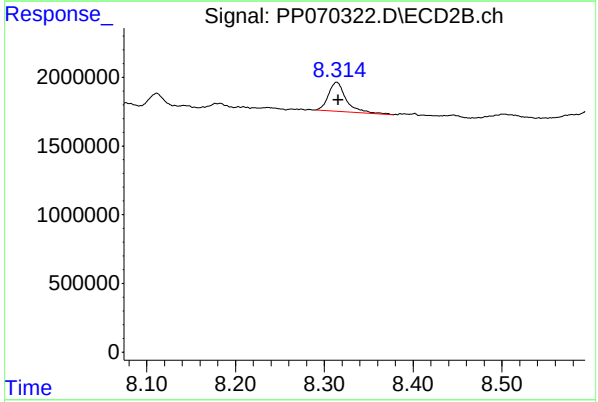

#44 AR-1268-4

R.T.: 9.495 min
Delta R.T.: 0.003 min
Response: 2797001
Conc: 44.36 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-9C

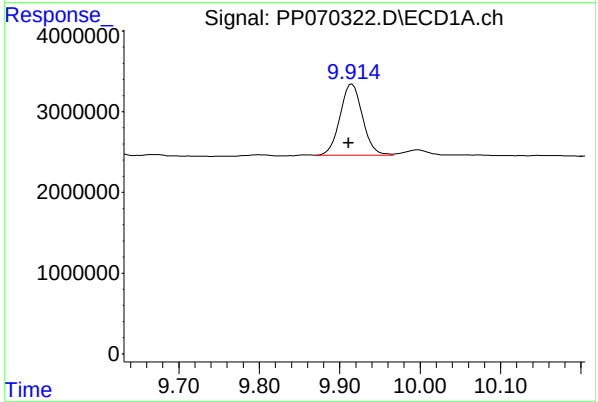
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



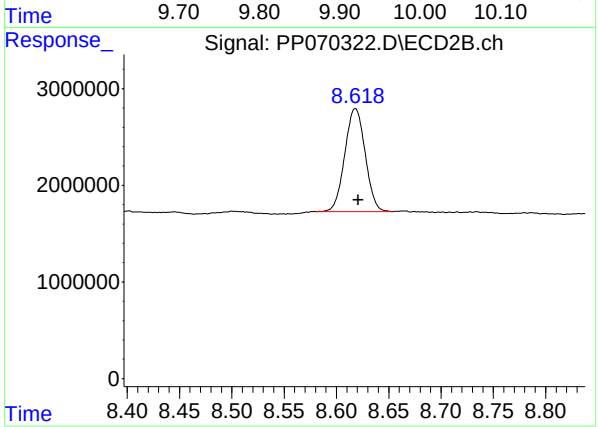

#44 AR-1268-4

R.T.: 8.314 min
Delta R.T.: -0.002 min
Response: 2921399
Conc: 54.93 ng/ml




#45 AR-1268-5

R.T.: 9.915 min
Delta R.T.: 0.004 min
Response: 17067419
Conc: 41.04 ng/ml




#45 AR-1268-5

R.T.: 8.618 min
Delta R.T.: -0.003 min
Response: 14467185
Conc: 40.73 ng/ml

Raw Data: **PO109570.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-10A | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-07 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 83.8 Decanted: |
| Sample Wt/Vol: | 30.01 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109570.D | 1 | 02/27/25 09:15 | 02/28/25 06:42 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 4.00 | U | 4.00 | 20.3 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 7.60 | U | 7.60 | 20.3 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 4.10 | U | 4.10 | 20.3 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 4.00 | U | 4.00 | 20.3 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 9.40 | U | 9.40 | 20.3 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 14000 | EP | 3.30 | 20.3 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 5.50 | U | 5.50 | 20.3 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 454 | E | 4.10 | 20.3 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 3.50 | U | 3.50 | 20.3 | ug/kg |
| Total PCBs | Total PCBs | 14000 | E | 7.40 | 20.3 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 24.8 | | 32 - 144 | 124% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 50.4 | * | 32 - 175 | 252% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109570.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109570.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 06:42
Operator : YP/AJ
Sample : Q1436-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:16:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.694 | 221.5E6 | 129.8E6 | 23.403 | 24.804 |
| 2) | SA Decachlor... | 8.754 | 8.706 | 378.6E6 | 160.4E6 | 44.019 | 50.371 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.600 | 5.580 | 7139.1E6 | 4158.2E6 | 13846.056 | 15899.035 |
| 27) | L6 AR-1254-2 | 5.750 | 5.728 | 8862.1E6 | 5127.0E6 | 19677.212 | 21857.990 |
| 28) | L6 AR-1254-3 | 6.153 | 6.131 | 16656.7E6 | 10732.4E6 | 23264.993 | 30087.513 # |
| 29) | L6 AR-1254-4 | 6.388 | 6.359 | 10840.1E6 | 7087.3E6 | 25884.250 | 36698.157 # |
| 30) | L6 AR-1254-5 | 6.803 | 6.776 | 28683.3E6 | 20886.4E6 | 45974.050 | 70388.106 # |
| 41) | L9 AR-1268-1 | 7.632 | 7.599 | 879.4E6 | 395.9E6 | 664.072 | 692.926 |
| 42) | L9 AR-1268-2 | 7.693 | 7.659 | 3109.8E6 | 1479.5E6 | 2572.012 | 2818.410 |
| 43) | L9 AR-1268-3 | 7.905 | 7.870 | 560.5E6 | 269.8E6 | 550.465 | 630.255 |
| 44) | L9 AR-1268-4 | 8.193 | 8.155 | 329.9E6 | 147.9E6 | 776.534 | 916.804 |
| 45) | L9 AR-1268-5 | 8.491 | 8.449 | 1719.1E6 | 712.0E6 | 569.302 | 651.343 |

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

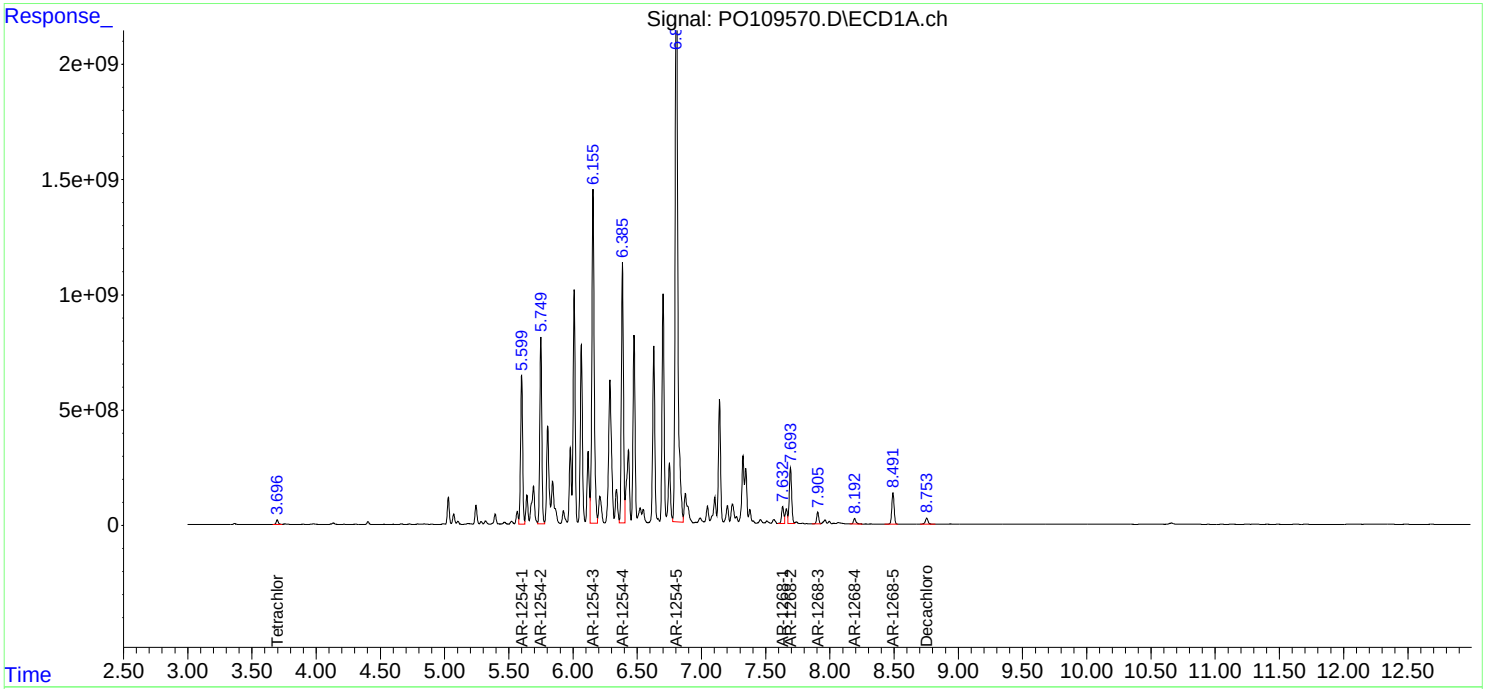
Sample Results: **PO109570.D**

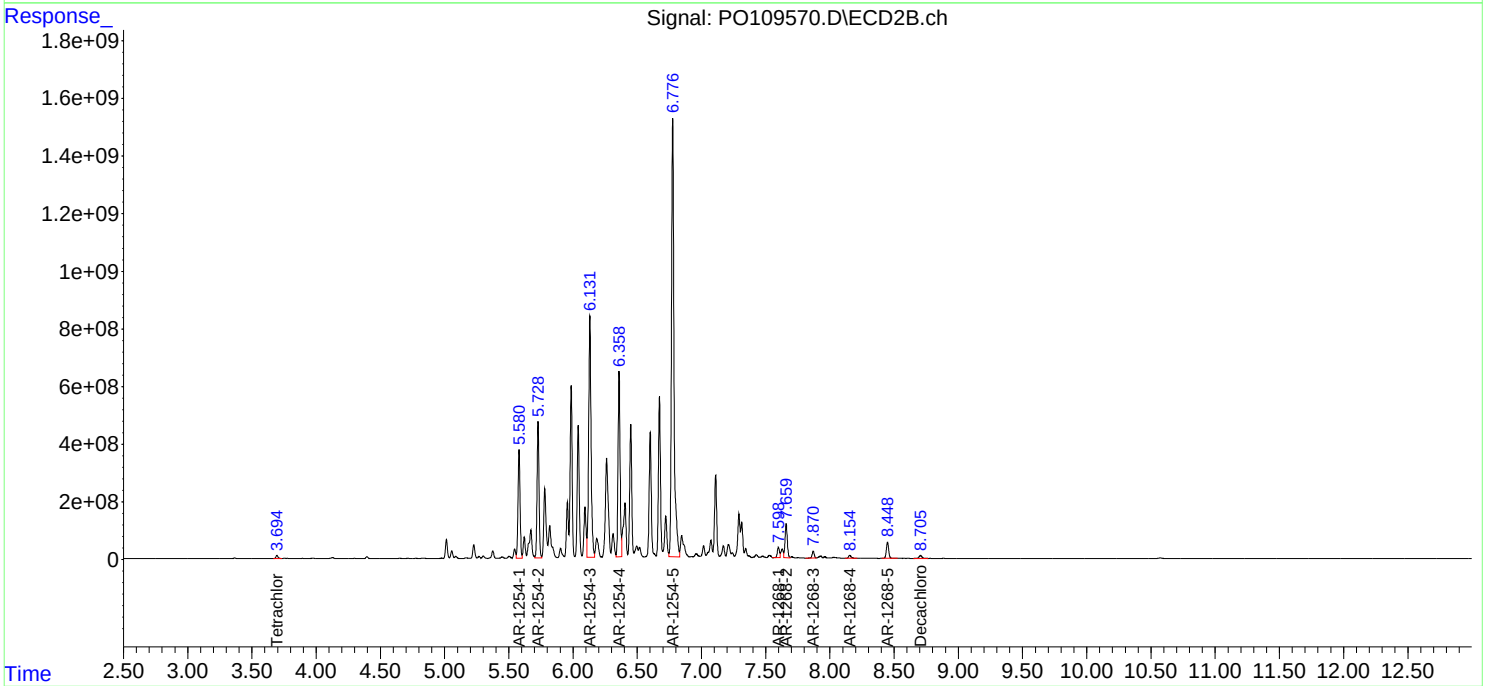
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109570.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 06:42
Operator : YP/AJ
Sample : Q1436-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

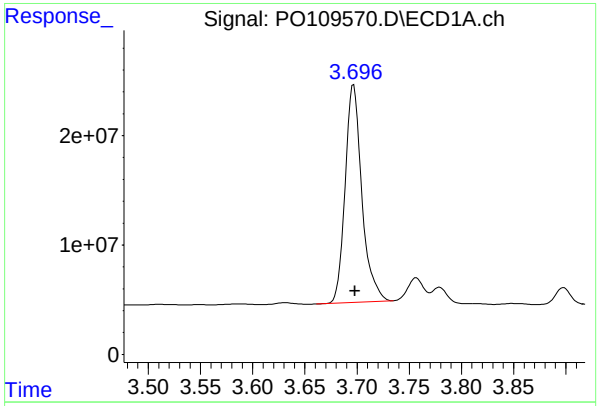
**Instrument :**
ECD_O
**ClientSampleId :**
K084-10A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:16:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



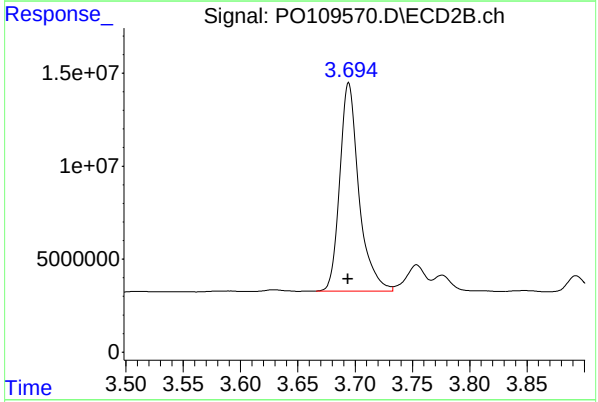






#1 Tetrachloro-m-xylene

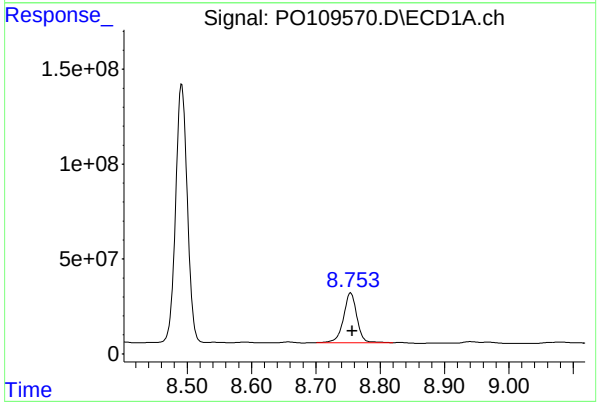
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 221513691
Conc: 23.40 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10A



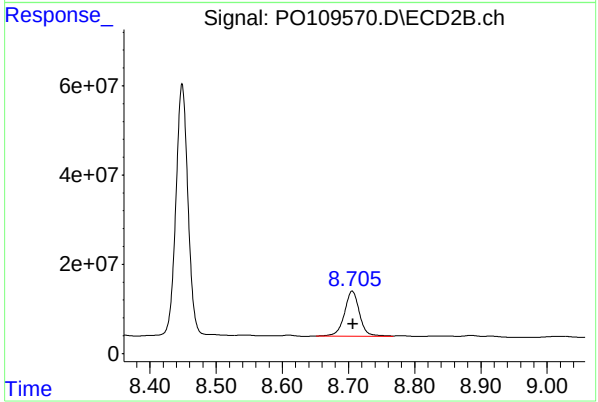

#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 129830032
Conc: 24.80 ng/ml



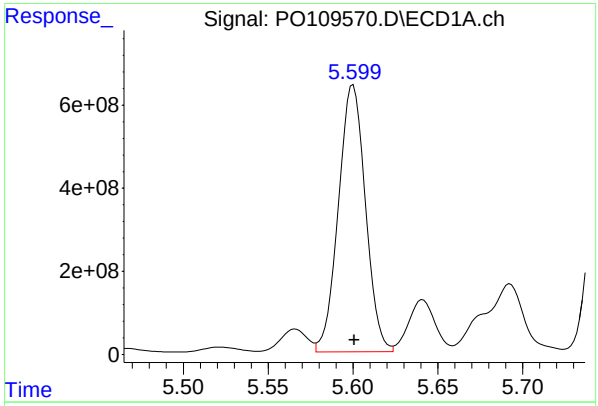

#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.003 min
Response: 378643948
Conc: 44.02 ng/ml




#2 Decachlorobiphenyl

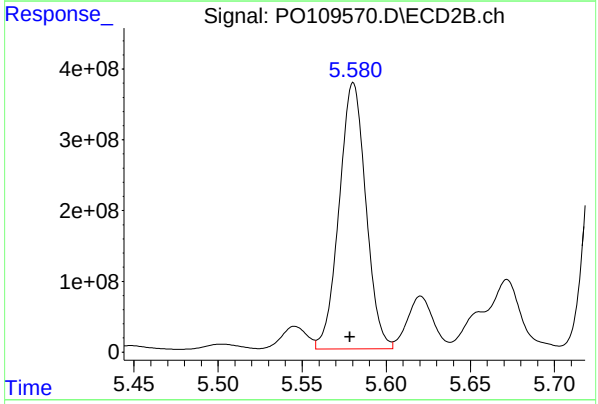
R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 160395783
Conc: 50.37 ng/ml




#26 AR-1254-1

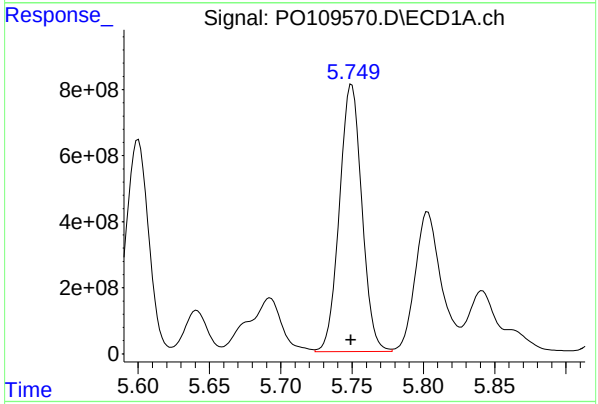
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 7139118755
Conc: 13846.06 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10A



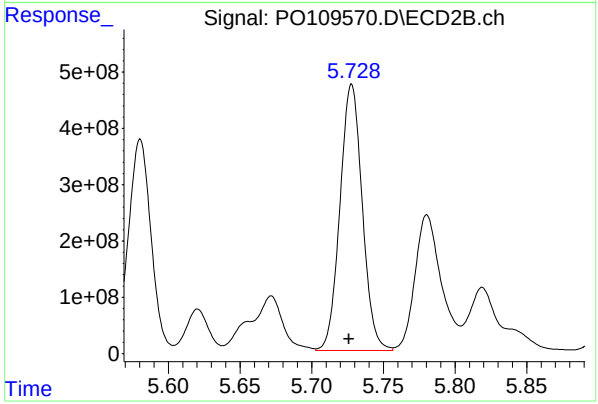

#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.002 min
Response: 4158206802
Conc: 15899.03 ng/ml



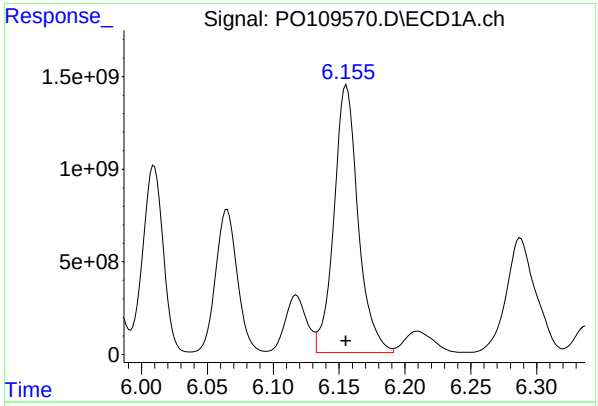

#27 AR-1254-2

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 8862115360
Conc: 19677.21 ng/ml




#27 AR-1254-2

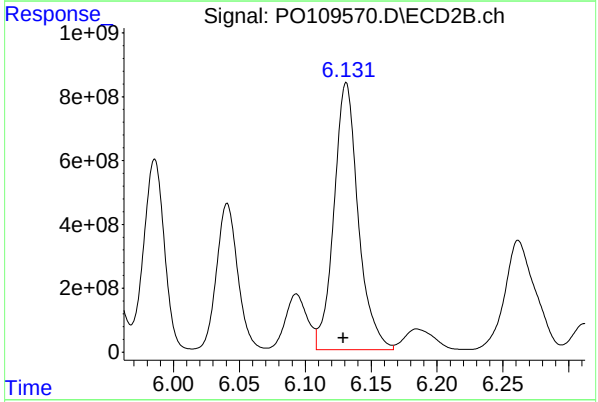
R.T.: 5.728 min
Delta R.T.: 0.002 min
Response: 5127041920
Conc: 21857.99 ng/ml




#28 AR-1254-3

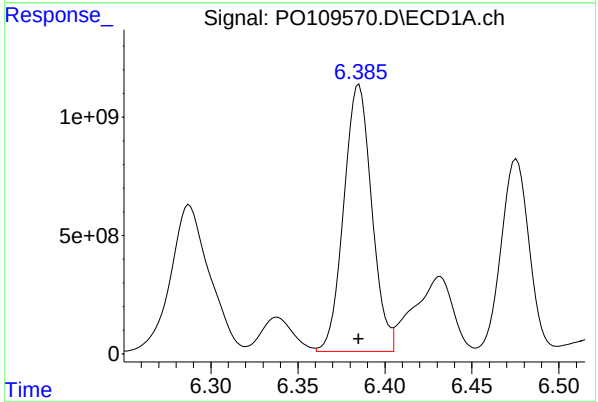
R.T.: 6.153 min
Delta R.T.: -0.002 mi
Response: 16656697397
Conc: 23264.99 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10A



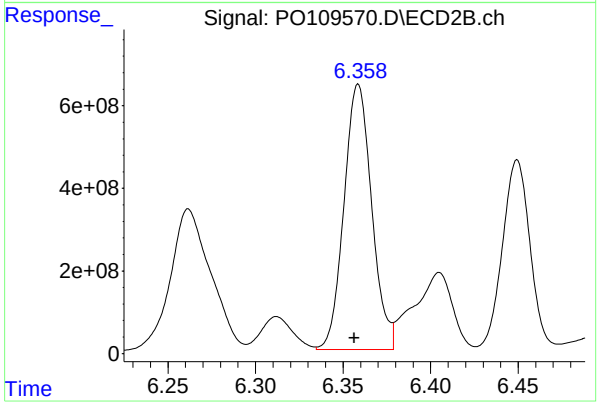

#28 AR-1254-3

R.T.: 6.131 min
Delta R.T.: 0.002 min
Response: 10732353430
Conc: 30087.51 ng/ml



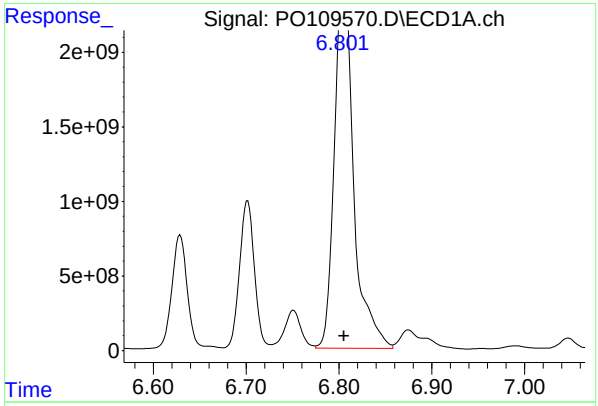

#29 AR-1254-4

R.T.: 6.388 min
Delta R.T.: 0.003 min
Response: 10840103740
Conc: 25884.25 ng/ml




#29 AR-1254-4

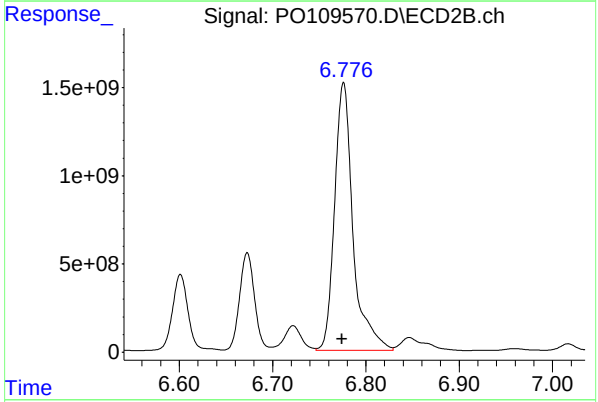
R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 7087273082
Conc: 36698.16 ng/ml




#30 AR-1254-5

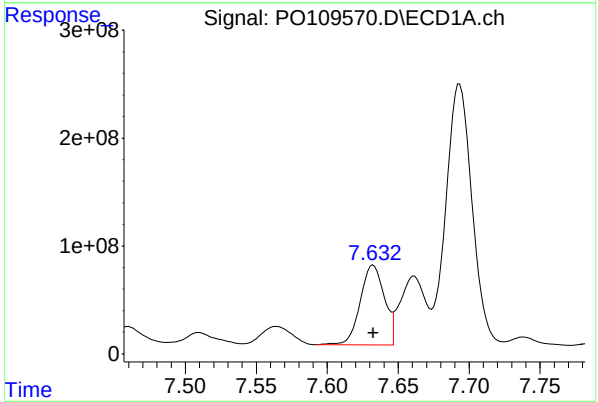
R.T.: 6.803 min
Delta R.T.: -0.002 mi
Response: 28683345367
Conc: 45974.05 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10A



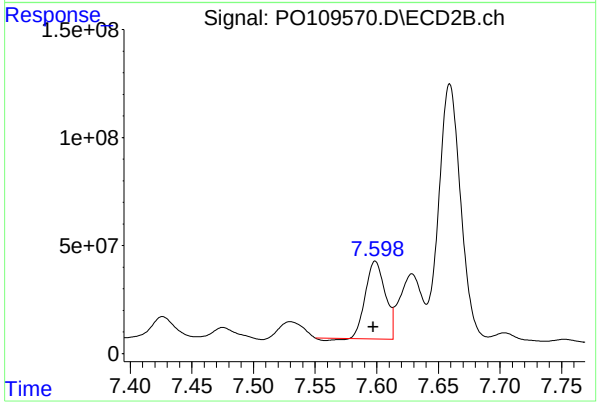

#30 AR-1254-5

R.T.: 6.776 min
Delta R.T.: 0.002 min
Response: 20886420055
Conc: 70388.11 ng/ml



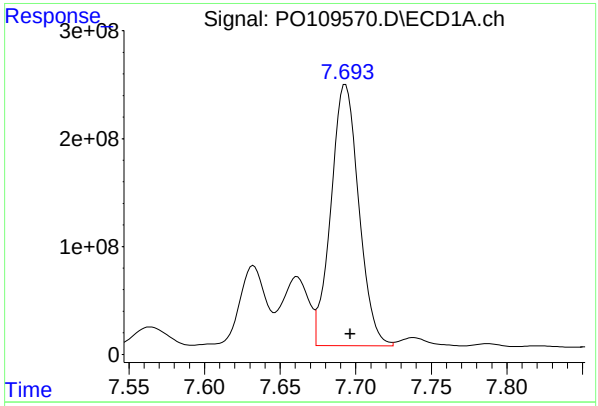

#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 879375727
Conc: 664.07 ng/ml




#41 AR-1268-1

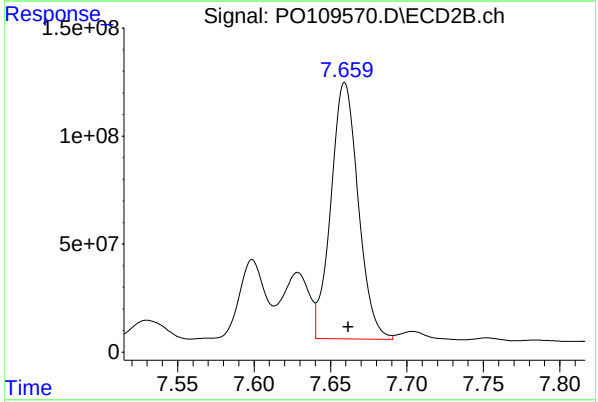
R.T.: 7.599 min
Delta R.T.: 0.002 min
Response: 395946570
Conc: 692.93 ng/ml




#42 AR-1268-2

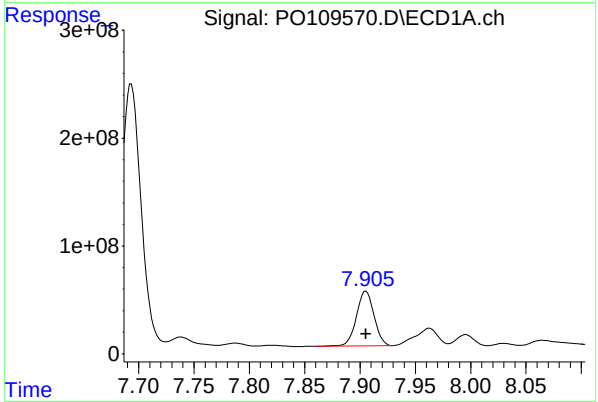
R.T.: 7.693 min
Delta R.T.: -0.003 min
Response: 3109836029
Conc: 2572.01 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10A



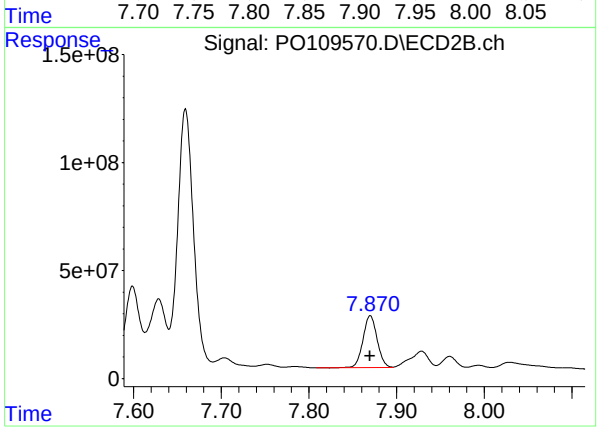

#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.002 min
Response: 1479507047
Conc: 2818.41 ng/ml



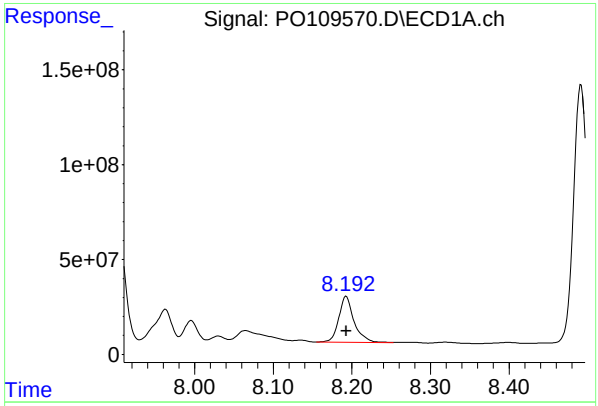

#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 560471080
Conc: 550.46 ng/ml




#43 AR-1268-3

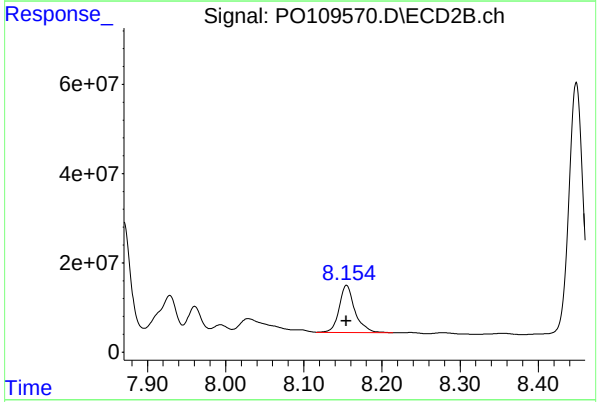
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 269776511
Conc: 630.25 ng/ml




#44 AR-1268-4

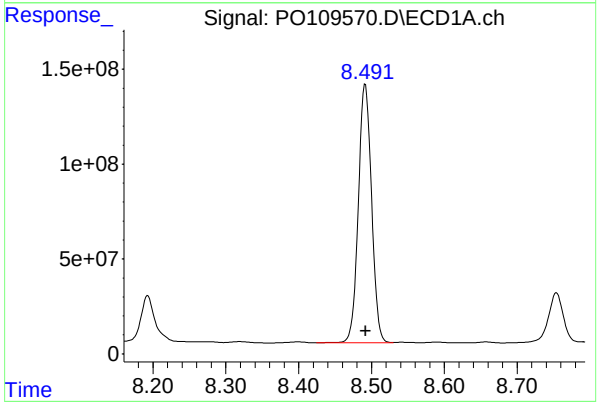
R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 329917449
Conc: 776.53 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10A



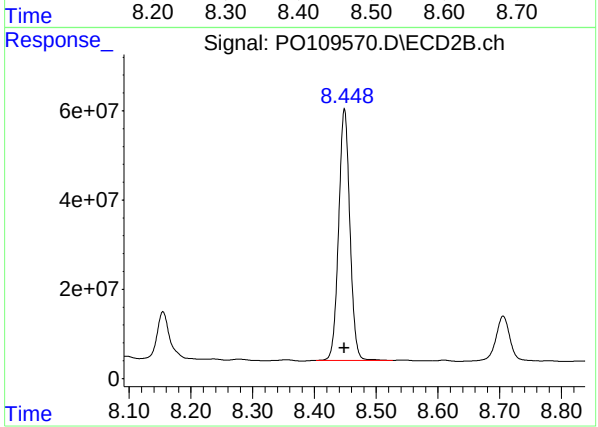

#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 147912635
Conc: 916.80 ng/ml




#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 1719093719
Conc: 569.30 ng/ml




#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 712012308
Conc: 651.34 ng/ml

Raw Data: **PO109611.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-10ADL | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-07DL | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 83.8 Decanted: |
| Sample Wt/Vol: | 30.01 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109611.D | 5 | 02/27/25 09:15 | 02/28/25 22:07 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 20.2 | UD | 20.2 | 101 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 38.2 | UD | 38.2 | 101 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 20.3 | UD | 20.3 | 101 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 20.2 | UD | 20.2 | 101 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 47.1 | UD | 47.1 | 101 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 16000 | ED | 16.3 | 101 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 27.3 | UD | 27.3 | 101 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 583 | D | 20.5 | 101 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 17.4 | UD | 17.4 | 101 | ug/kg |
| Total PCBs | Total PCBs | 17000 | D | 36.8 | 101 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 28.4 | | 32 - 144 | 142% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 70.3 | * | 32 - 175 | 352% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109611.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 22:07
Operator : YP/AJ
Sample : Q1436-07DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:32:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.694 | 52295533 | 29694880 | 5.525 | 5.673 |
| 2) | SA Decachlor... | 8.754 | 8.704 | 106.7E6 | 44776992 | 12.409 | 14.062 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.599 | 5.579 | 1777.4E6 | 961.3E6 | 3447.233 | 3675.513 |
| 27) | L6 AR-1254-2 | 5.748 | 5.726 | 2218.4E6 | 1197.1E6 | 4925.747 | 5103.758 |
| 28) | L6 AR-1254-3 | 6.154 | 6.130 | 4755.7E6 | 2553.8E6 | 6642.414 | 7159.320 |
| 29) | L6 AR-1254-4 | 6.384 | 6.358 | 3163.9E6 | 1620.3E6 | 7554.796 | 8390.209 |
| 30) | L6 AR-1254-5 | 6.804 | 6.775 | 9656.2E6 | 5033.7E6 | 15477.164 | 16963.803 |
| 41) | L9 AR-1268-1 | 7.632 | 7.597 | 234.1E6 | 106.7E6 | 176.803 | 186.660 |
| 42) | L9 AR-1268-2 | 7.693 | 7.659 | 781.4E6 | 360.8E6 | 646.300 | 687.261 |
| 43) | L9 AR-1268-3 | 7.905 | 7.870 | 156.2E6 | 72154109 | 153.412 | 168.567 |
| 44) | L9 AR-1268-4 | 8.193 | 8.154 | 95587986 | 41340329 | 224.988 | 256.239 |
| 45) | L9 AR-1268-5 | 8.492 | 8.448 | 444.4E6 | 183.8E6 | 147.186 | 168.181 |

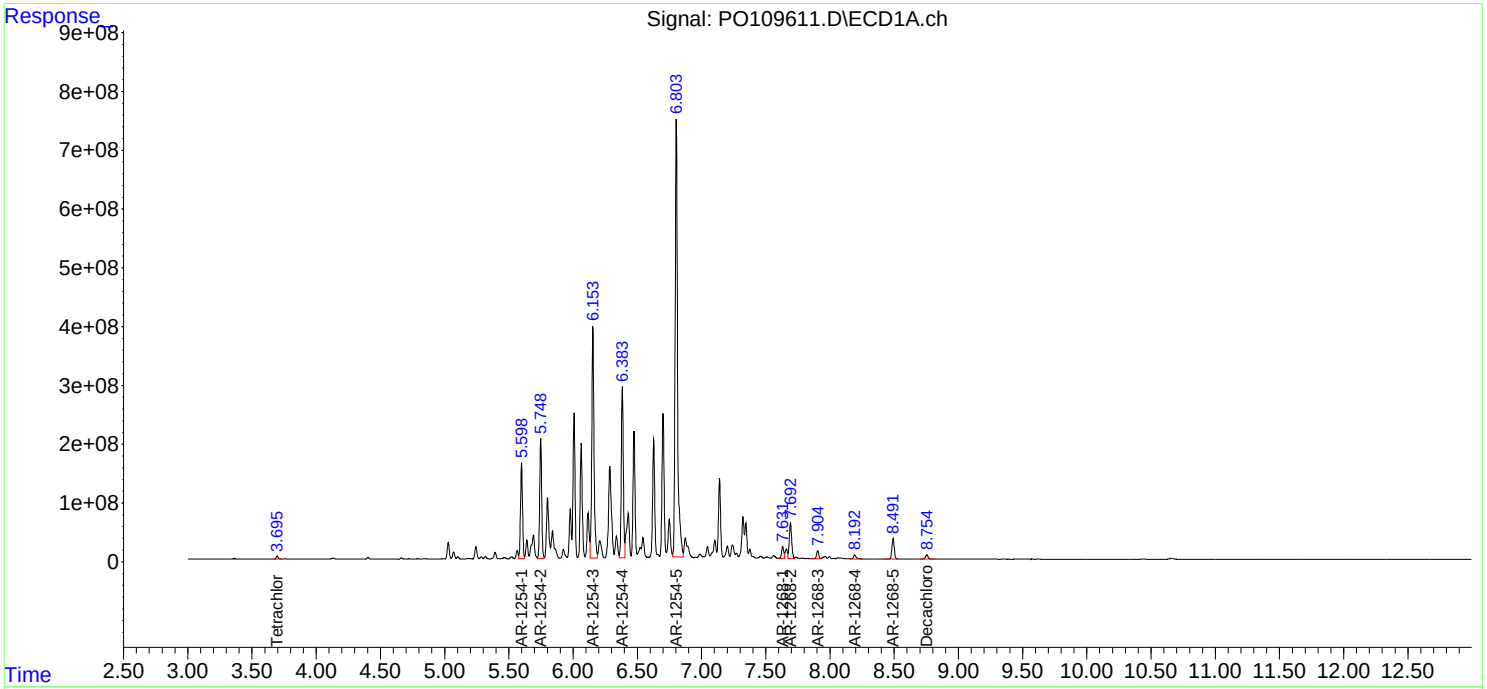
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

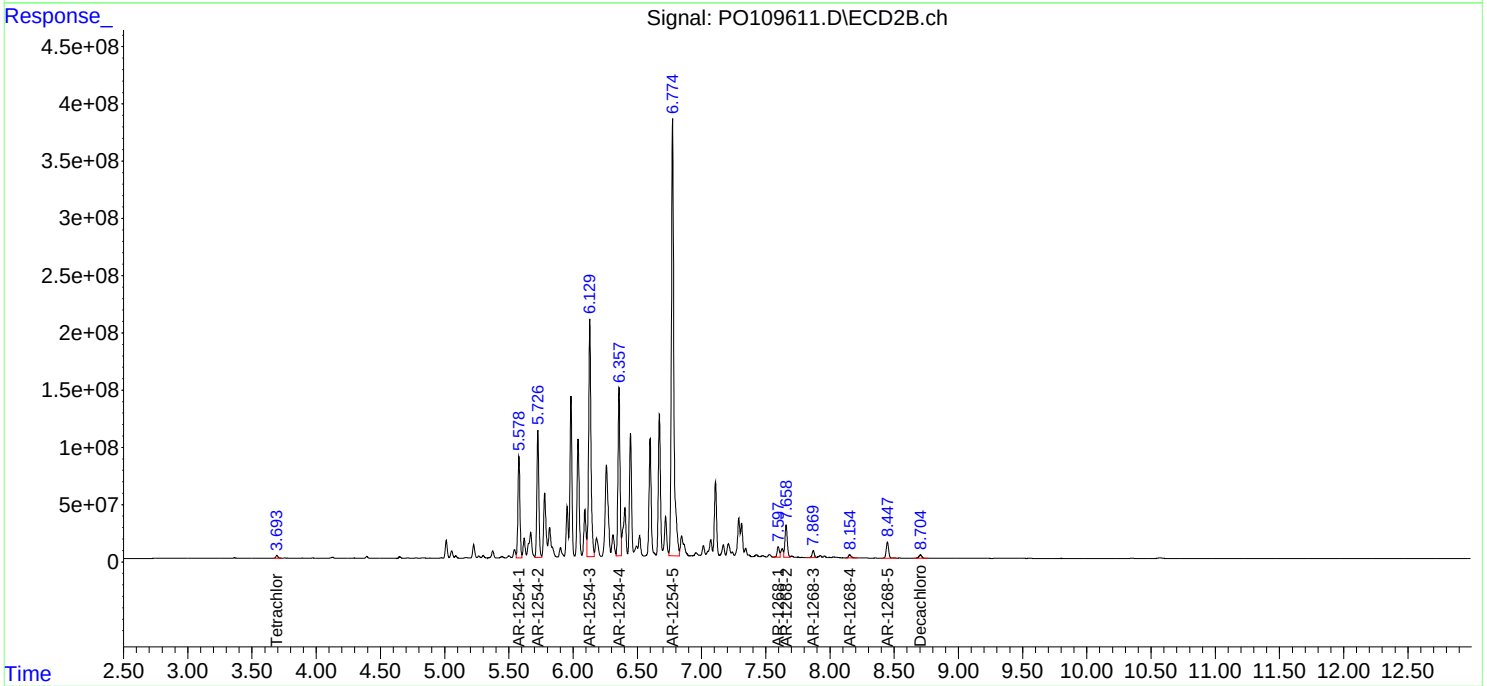
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109611.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 22:07
Operator : YP/AJ
Sample : Q1436-07DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

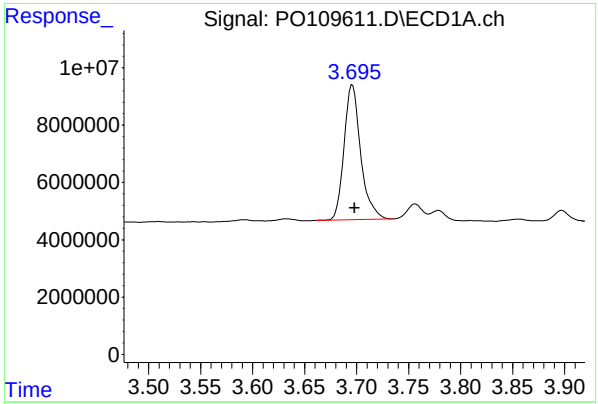
**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:32:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



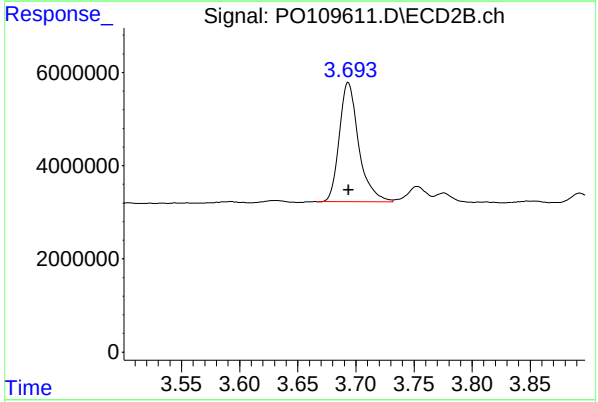






#1 Tetrachloro-m-xylene

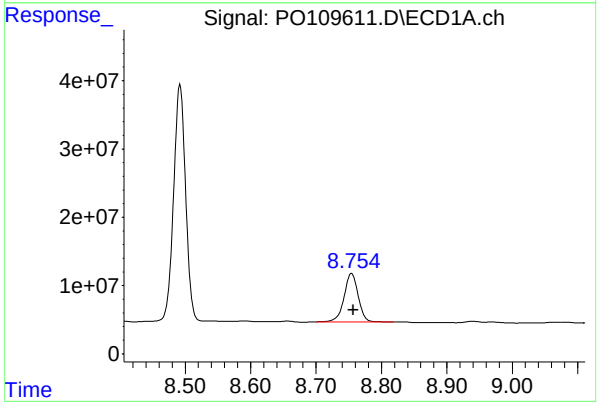
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 52295533
Conc: 5.53 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL



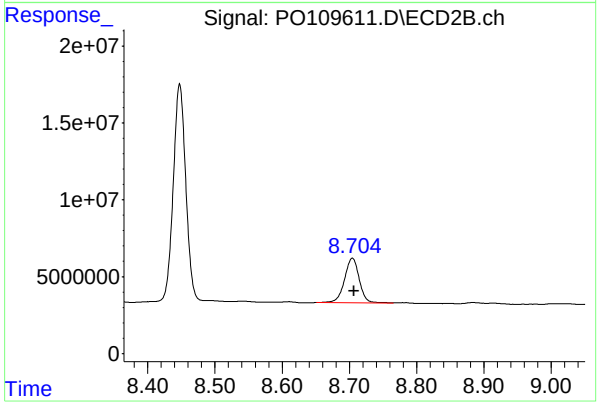

#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 29694880
Conc: 5.67 ng/ml



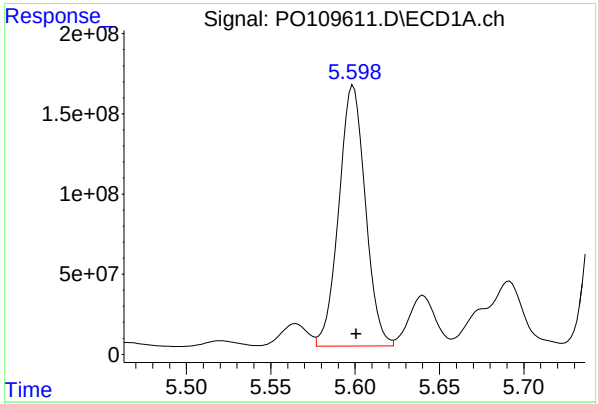

#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 106739873
Conc: 12.41 ng/ml




#2 Decachlorobiphenyl

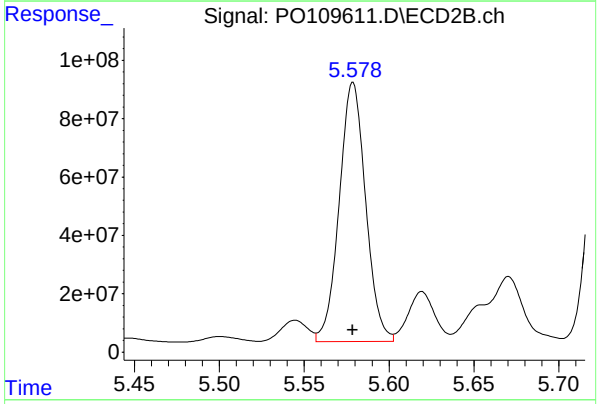
R.T.: 8.704 min
Delta R.T.: -0.002 min
Response: 44776992
Conc: 14.06 ng/ml




#26 AR-1254-1

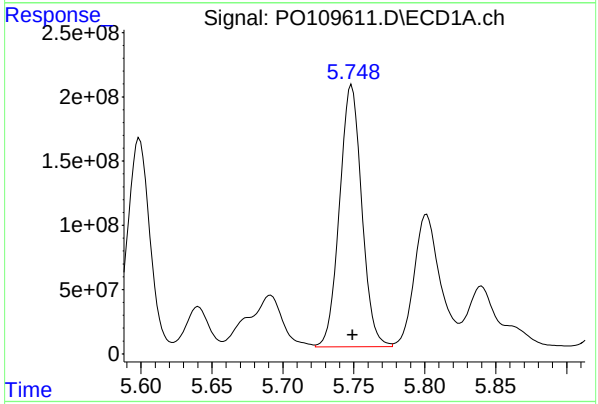
R.T.: 5.599 min
Delta R.T.: -0.002 mi
Response: 1777416329
Conc: 3447.23 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL



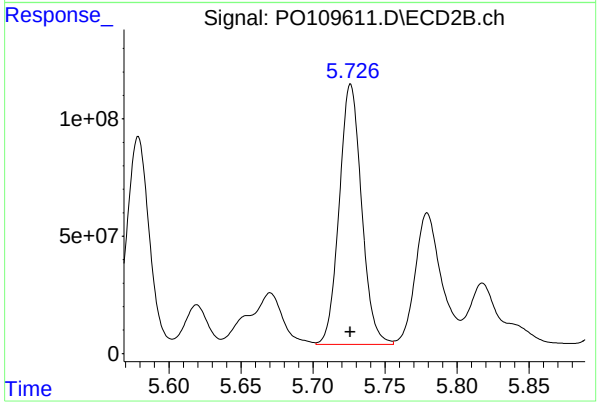

#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 961287554
Conc: 3675.51 ng/ml



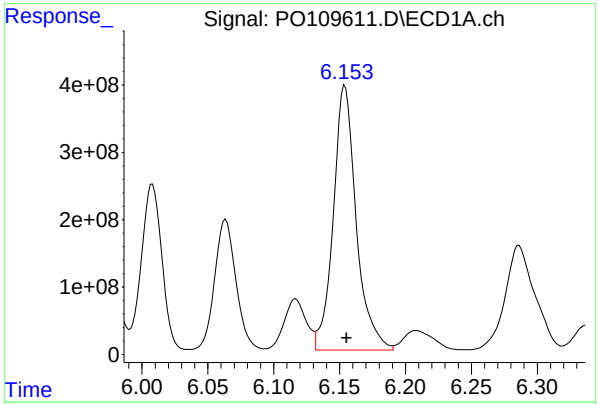

#27 AR-1254-2

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 2218431097
Conc: 4925.75 ng/ml




#27 AR-1254-2

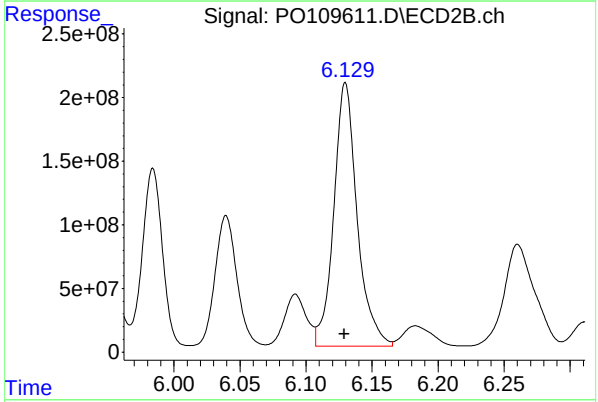
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 1197144932
Conc: 5103.76 ng/ml




#28 AR-1254-3

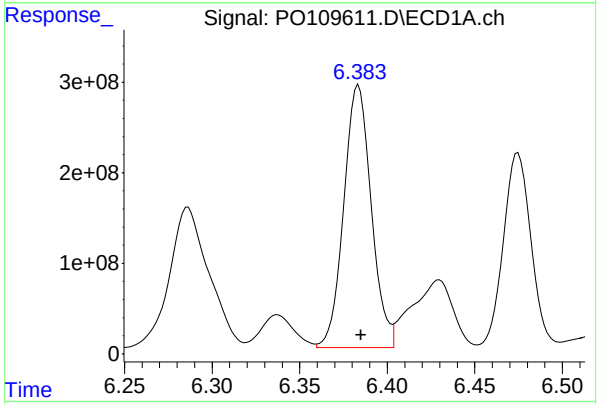
R.T.: 6.154 min
Delta R.T.: -0.001 mi
Response: 4755672541
Conc: 6642.41 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL



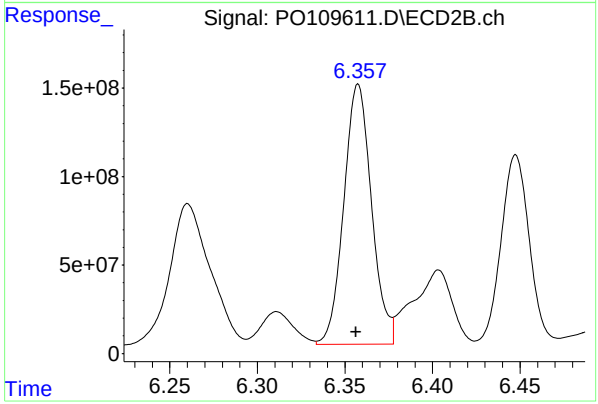

#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 2553762067
Conc: 7159.32 ng/ml



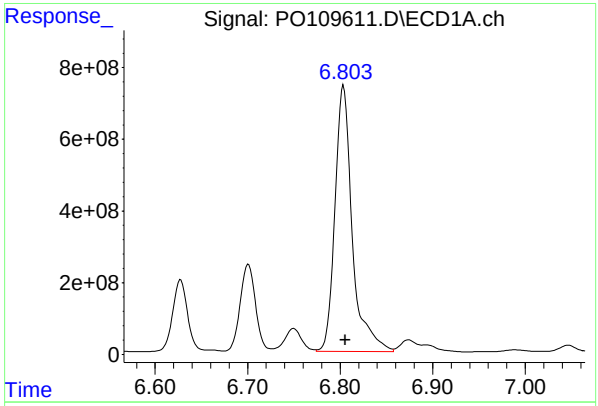

#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: -0.001 min
Response: 3163884480
Conc: 7554.80 ng/ml




#29 AR-1254-4

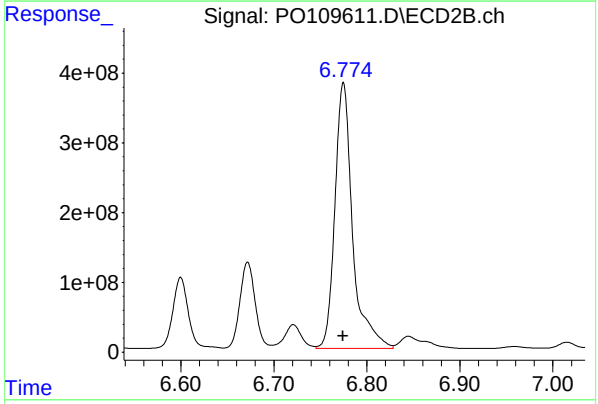
R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 1620345670
Conc: 8390.21 ng/ml




#30 AR-1254-5

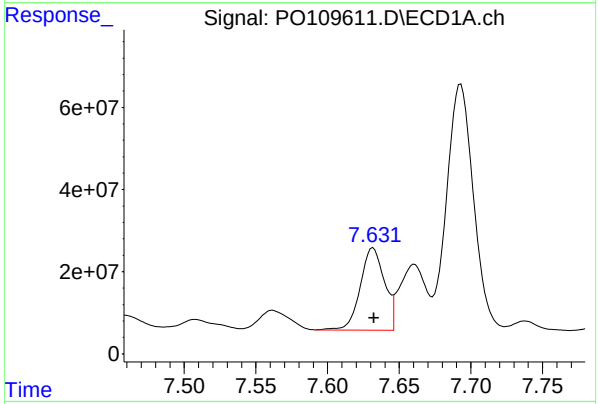
R.T.: 6.804 min
Delta R.T.: -0.002 mi
Response: 9656248299
Conc: 15477.16 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL



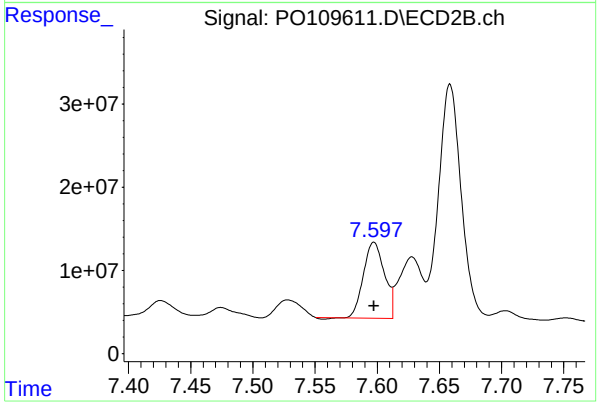

#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 5033707150
Conc: 16963.80 ng/ml



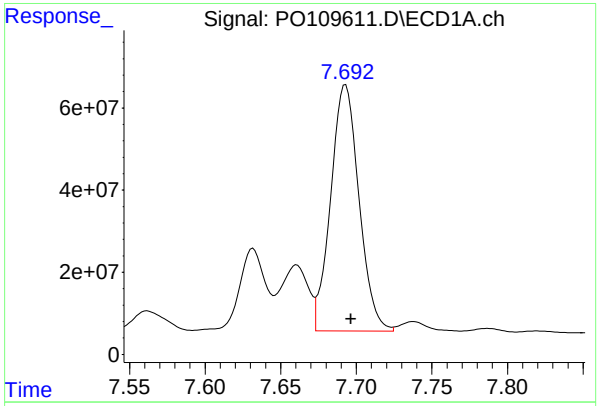

#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 234126119
Conc: 176.80 ng/ml




#41 AR-1268-1

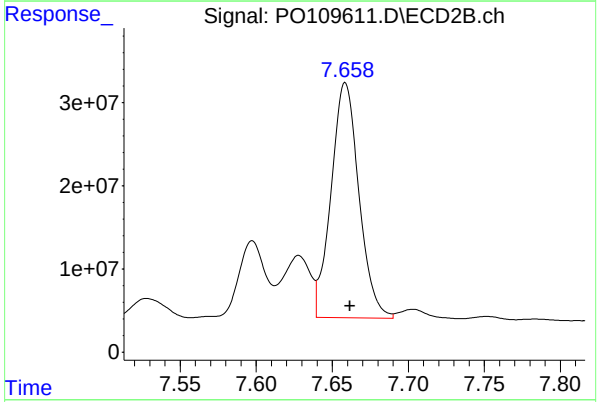
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 106659997
Conc: 186.66 ng/ml




#42 AR-1268-2

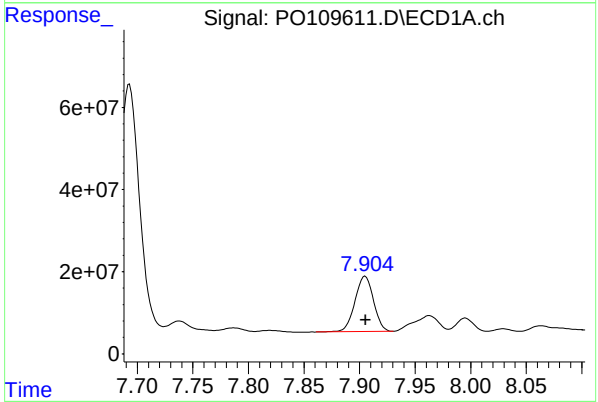
R.T.: 7.693 min
Delta R.T.: -0.004 min
Response: 781445709
Conc: 646.30 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL



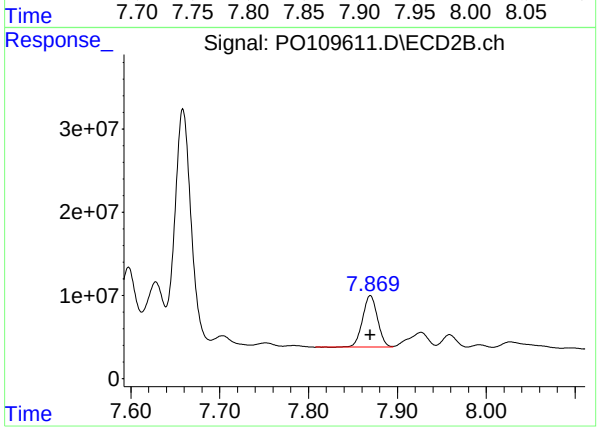

#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 360773500
Conc: 687.26 ng/ml



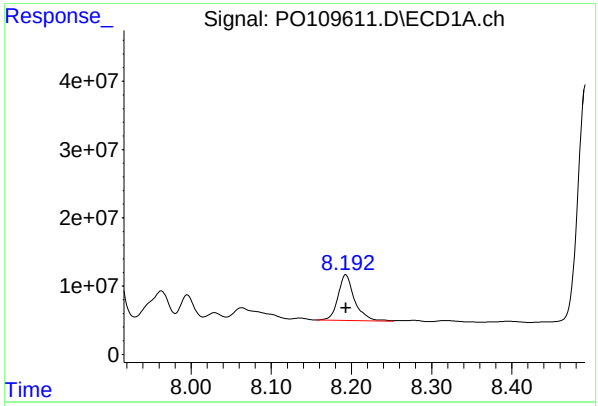

#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 156200373
Conc: 153.41 ng/ml




#43 AR-1268-3

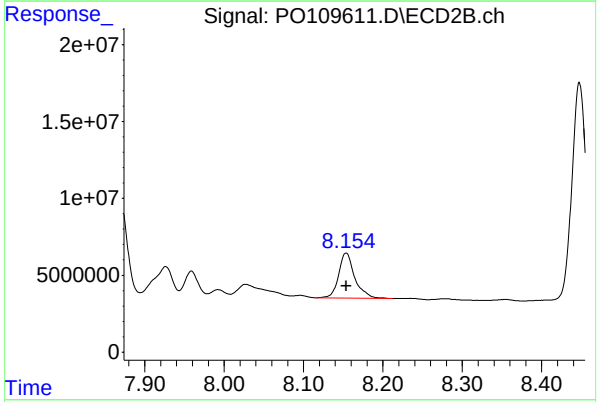
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 72154109
Conc: 168.57 ng/ml




#44 AR-1268-4

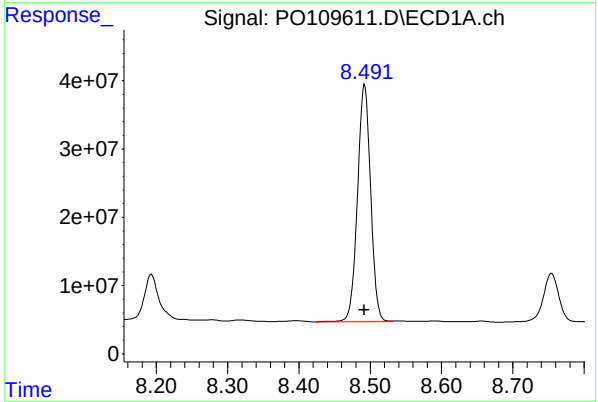
R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 95587986
Conc: 224.99 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL



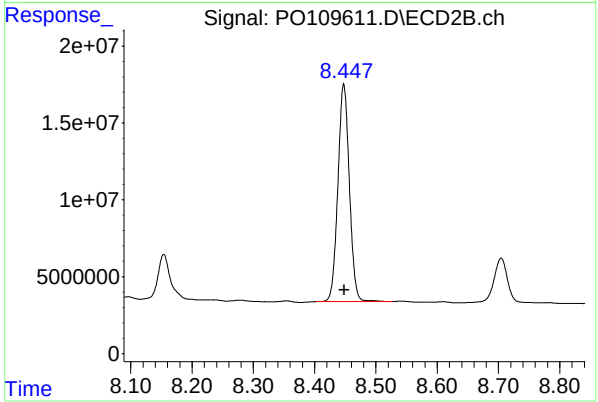

#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 41340329
Conc: 256.24 ng/ml




#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 444449684
Conc: 147.19 ng/ml




#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 183845669
Conc: 168.18 ng/ml

Raw Data: **PO109612.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-10ADL2 | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-07DL2 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 83.8 Decanted: |
| Sample Wt/Vol: | 30.01 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109612.D | 50 | 02/27/25 09:15 | 02/28/25 22:26 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 202 | UD | 202 | 1000 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 382 | UD | 382 | 1000 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 203 | UD | 203 | 1000 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 202 | UD | 202 | 1000 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 471 | UD | 471 | 1000 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 18000 | D | 163 | 1000 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 273 | UD | 273 | 1000 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 707 | JD | 205 | 1000 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 174 | UD | 174 | 1000 | ug/kg |
| Total PCBs | Total PCBs | 18000 | D | 368 | 1000 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 0 | * | 32 - 144 | 0% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 0 | * | 32 - 175 | 0% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 22:26
Operator : YP/AJ
Sample : Q1436-07DL2 50X
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:32:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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 | | | | | | |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.600 | 5.579 | 209.0E6 | 112.6E6 | 405.334 | 430.391 |
| 27) | L6 AR-1254-2 | 5.749 | 5.727 | 257.0E6 | 138.8E6 | 570.596 | 591.948 |
| 28) | L6 AR-1254-3 | 6.154 | 6.129 | 527.1E6 | 278.4E6 | 736.286 | 780.374 |
| 29) | L6 AR-1254-4 | 6.384 | 6.357 | 342.6E6 | 173.3E6 | 818.120 | 897.097 |
| 30) | L6 AR-1254-5 | 6.804 | 6.775 | 999.7E6 | 510.0E6 | 1602.396 | 1718.849 |
| 41) | L9 AR-1268-1 | 7.632 | 7.597 | 30735525 | 13549190 | 23.210 | 23.712 |
| 42) | L9 AR-1268-2 | 7.692 | 7.658 | 94042116 | 42344949 | 77.778 | 80.666 |
| 43) | L9 AR-1268-3 | 7.905 | 7.869 | 19712968 | 9205119 | 19.361 | 21.505 |
| 44) | L9 AR-1268-4 | 8.192 | 8.154 | 11168695 | 4834051 | 26.288 | 29.963 |
| 45) | L9 AR-1268-5 | 8.492 | 8.448 | 54213980 | 23986409 | 17.954 | 21.943 |

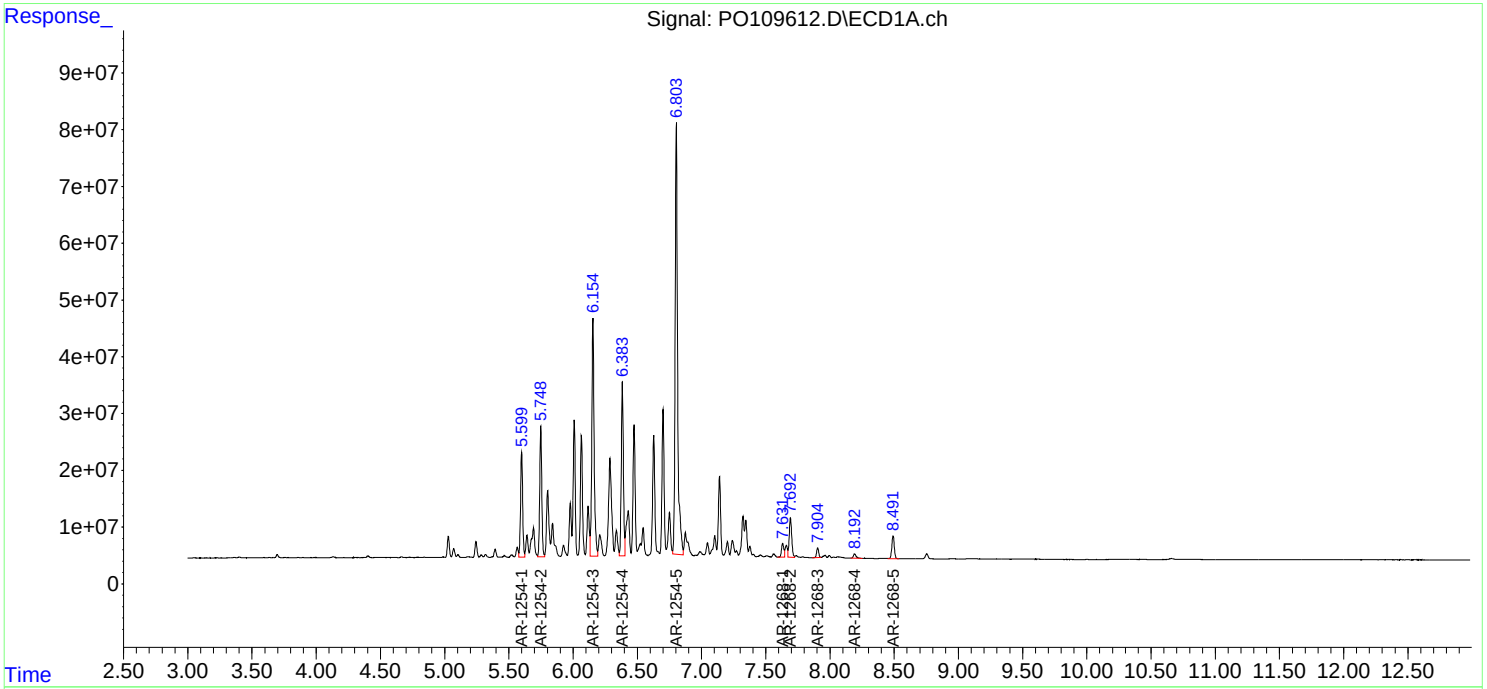
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

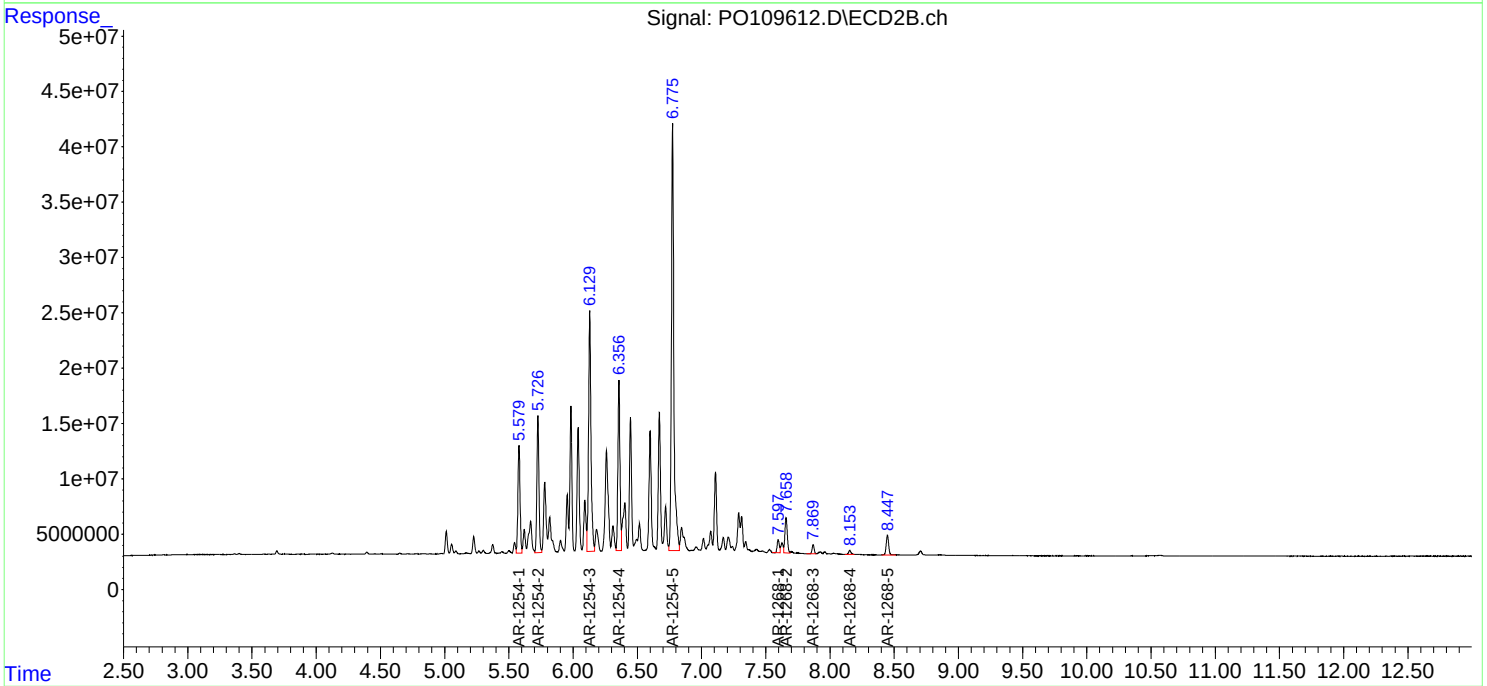
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 22:26
Operator : YP/AJ
Sample : Q1436-07DL2 50X
Misc :
ALS Vial : 36 Sample Multiplier: 1

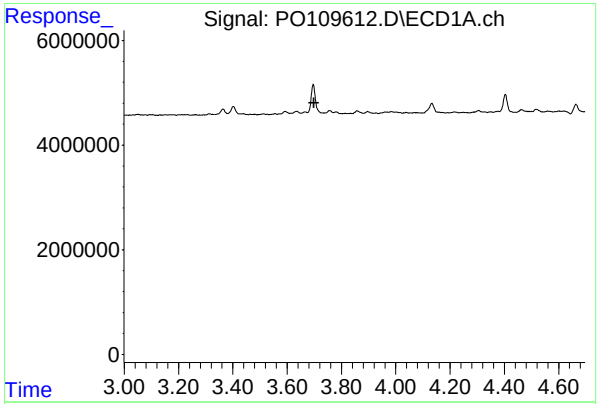
**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:32:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



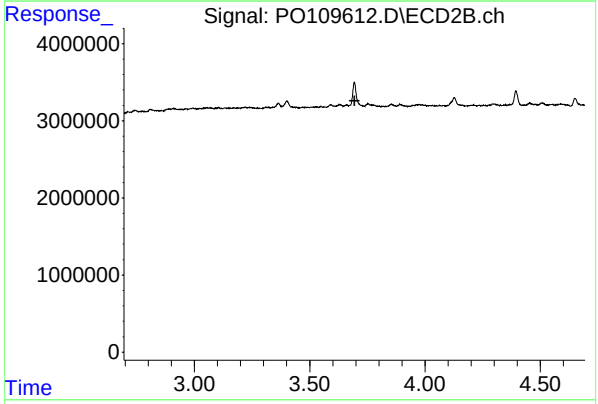






#1 Tetrachloro-m-xylene

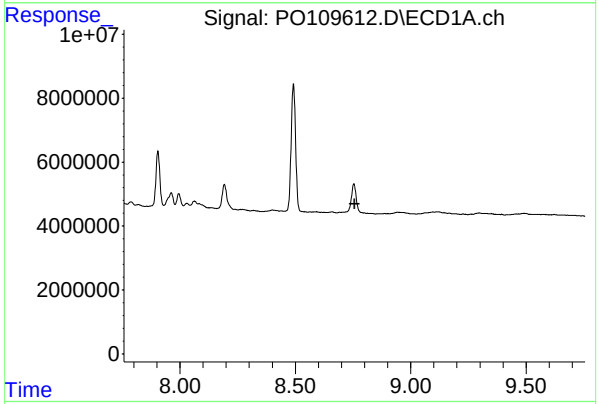
R.T.: 0.000 min
Exp R.T. : 3.698 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL2



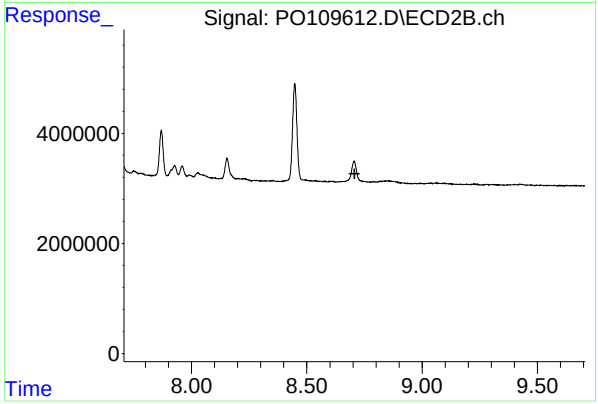

#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.694 min
Response: 0
Conc: N.D.



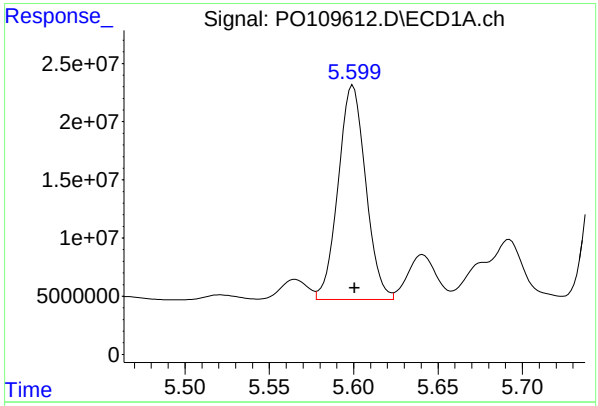

#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.757 min
Response: 0
Conc: N.D.




#2 Decachlorobiphenyl

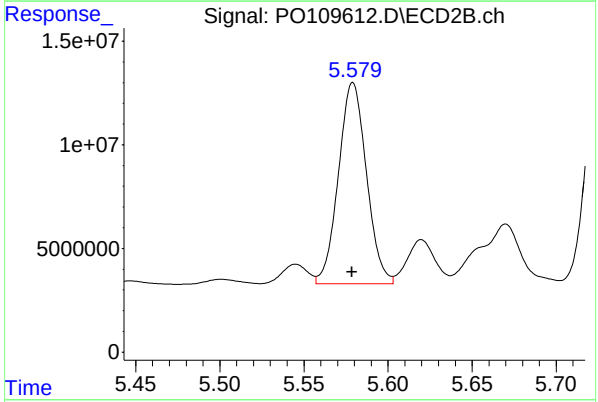
R.T.: 0.000 min
Exp R.T. : 8.707 min
Response: 0
Conc: N.D.




#26 AR-1254-1

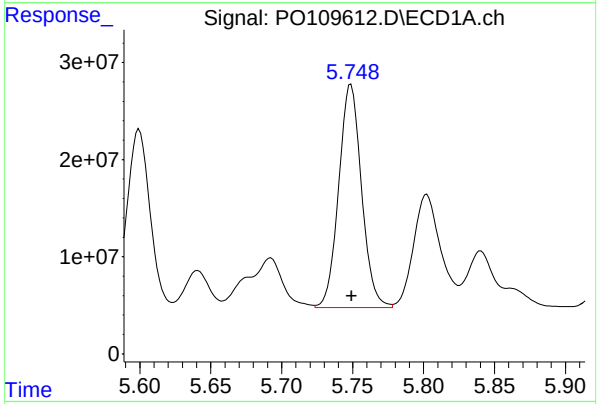
R.T.: 5.600 min
Delta R.T.: -0.001 mi
Response: 208993040
Conc: 405.33 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL2



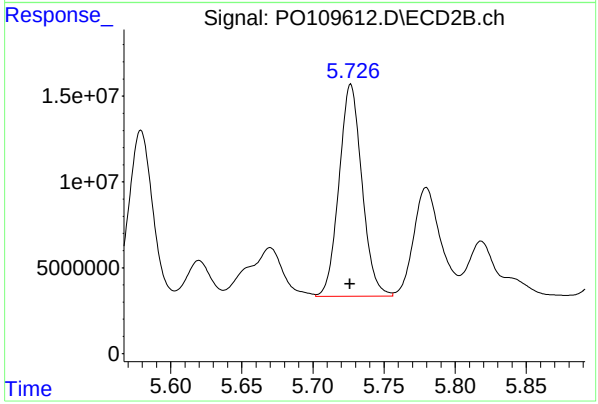

#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 112563619
Conc: 430.39 ng/ml



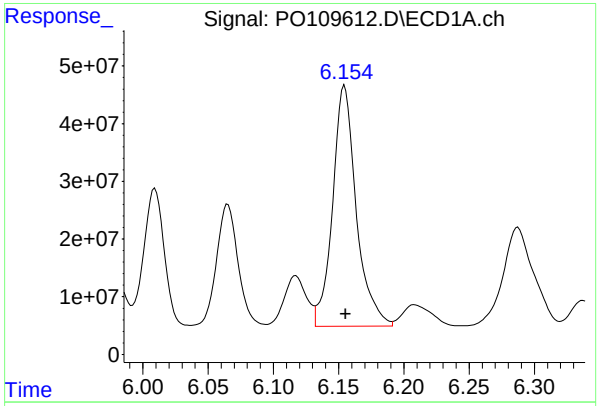

#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 256981811
Conc: 570.60 ng/ml




#27 AR-1254-2

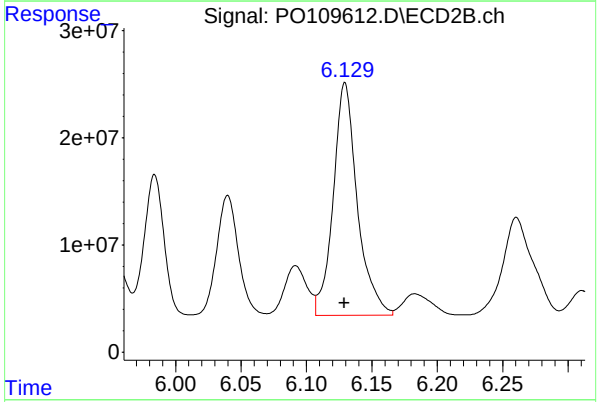
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 138848099
Conc: 591.95 ng/ml




#28 AR-1254-3

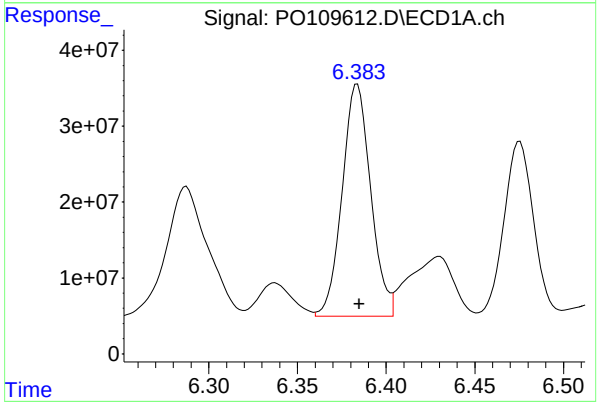
R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 527147929
Conc: 736.29 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL2



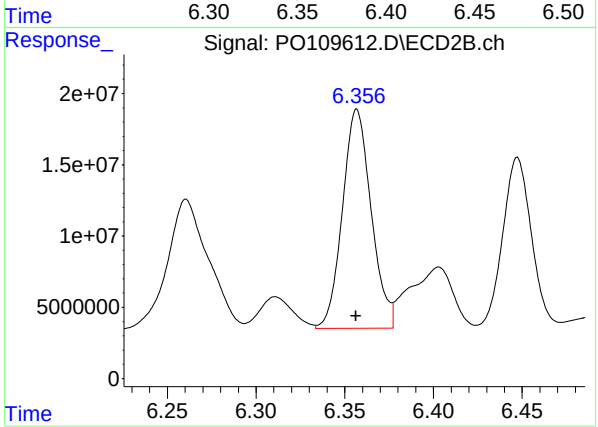

#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 278362857
Conc: 780.37 ng/ml



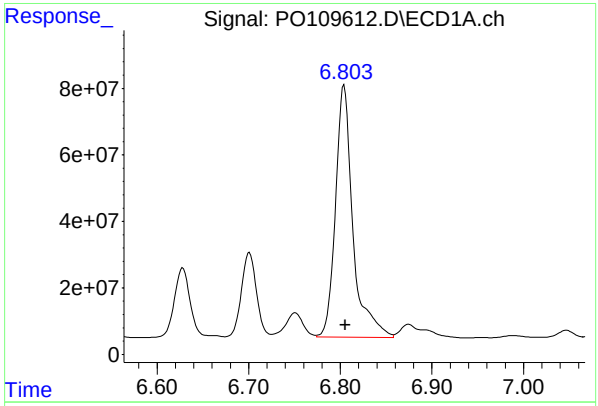

#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: -0.001 min
Response: 342621829
Conc: 818.12 ng/ml




#29 AR-1254-4

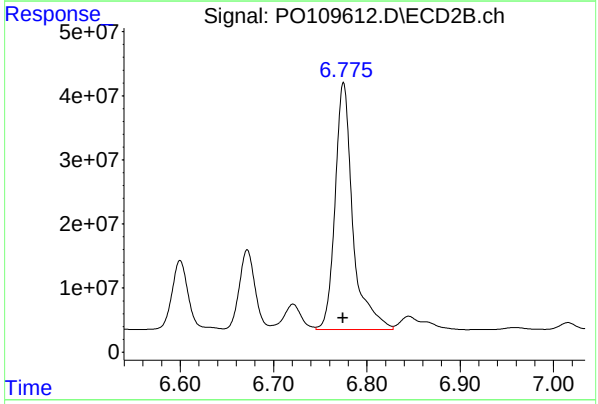
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 173250367
Conc: 897.10 ng/ml




#30 AR-1254-5

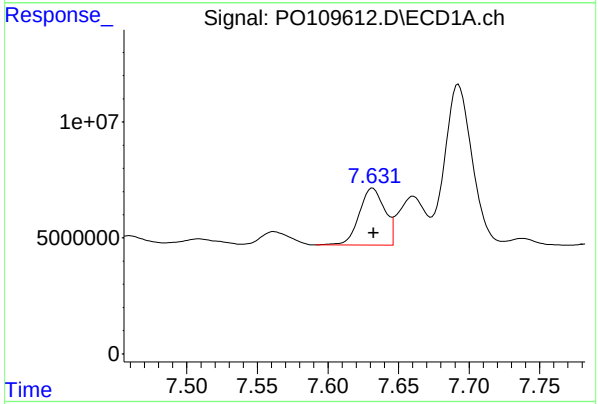
R.T.: 6.804 min
Delta R.T.: -0.001 mi
Response: 999739634
Conc: 1602.40 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL2



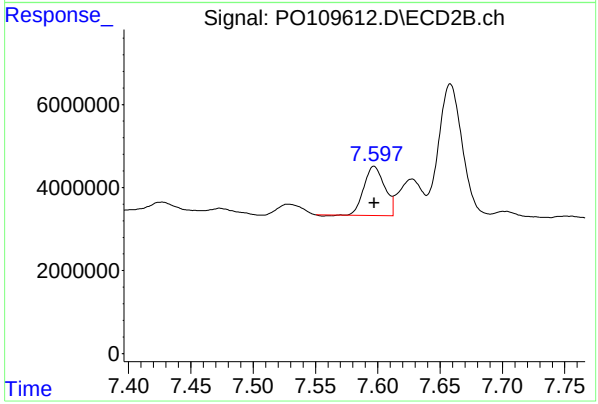

#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 510038018
Conc: 1718.85 ng/ml



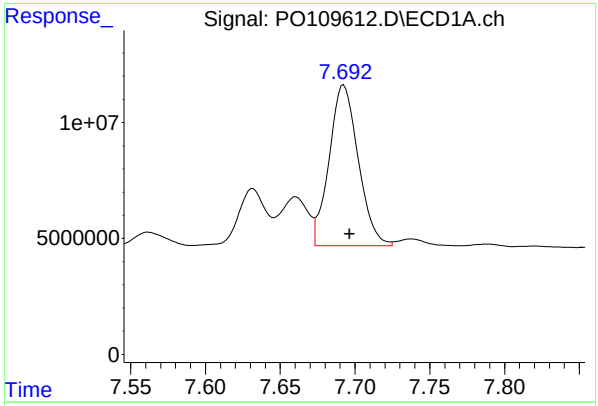

#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 30735525
Conc: 23.21 ng/ml




#41 AR-1268-1

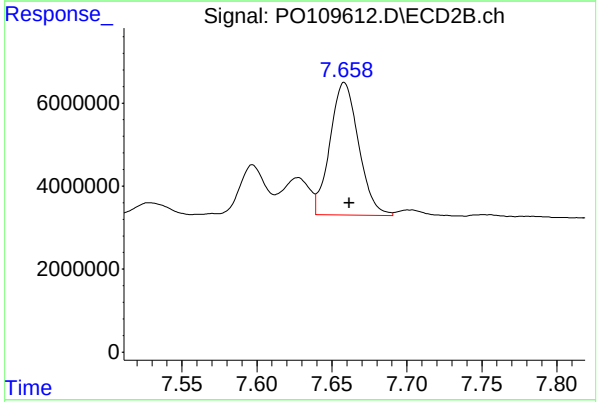
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 13549190
Conc: 23.71 ng/ml




#42 AR-1268-2

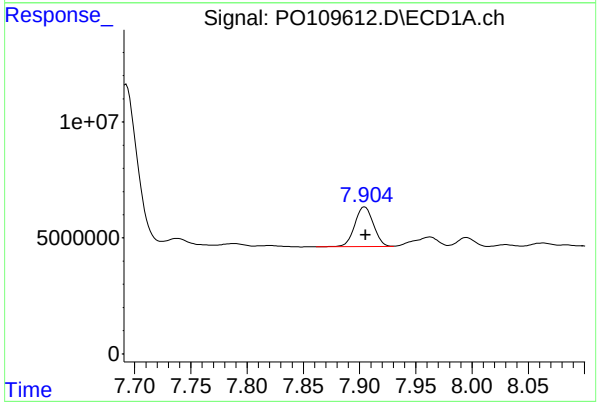
R.T.: 7.692 min
Delta R.T.: -0.004 min
Response: 94042116
Conc: 77.78 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL2



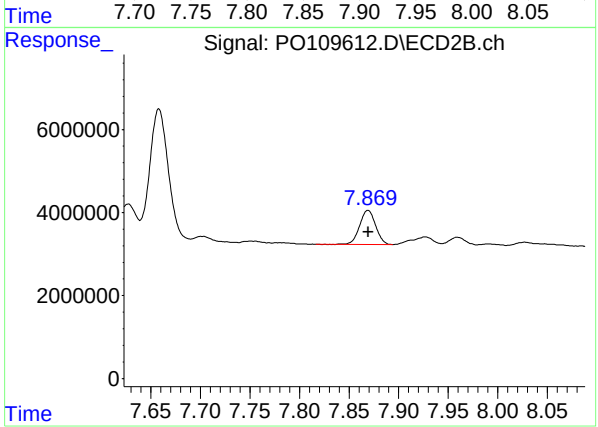

#42 AR-1268-2

R.T.: 7.658 min
Delta R.T.: -0.003 min
Response: 42344949
Conc: 80.67 ng/ml



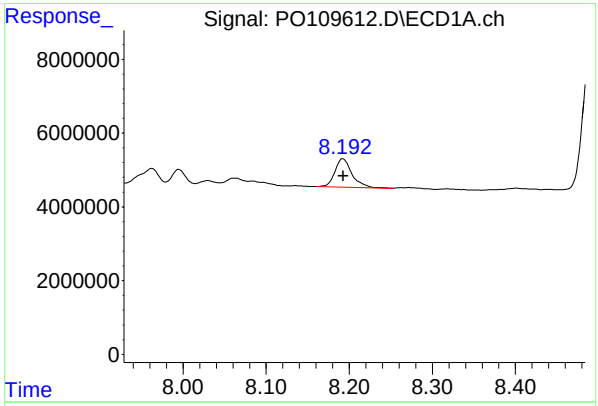

#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 19712968
Conc: 19.36 ng/ml




#43 AR-1268-3

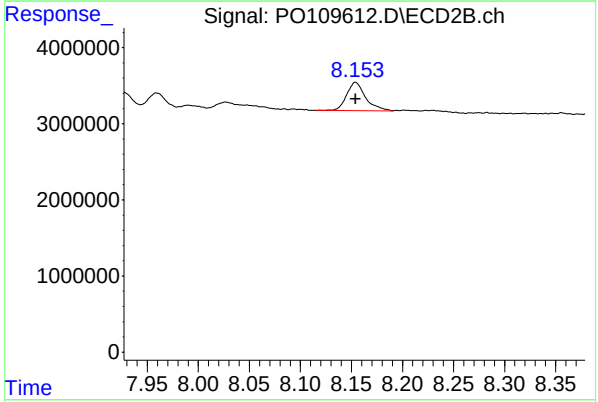
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 9205119
Conc: 21.51 ng/ml




#44 AR-1268-4

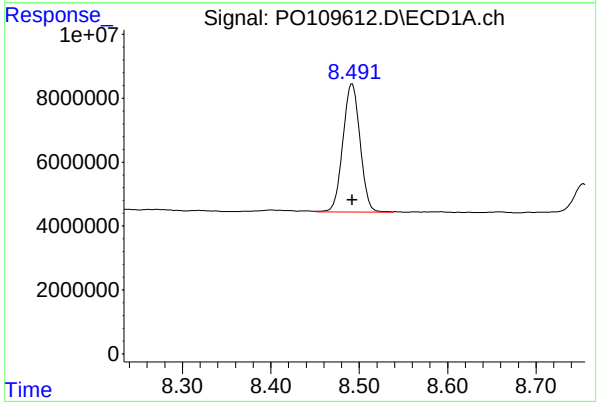
R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 11168695
Conc: 26.29 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-10ADL2



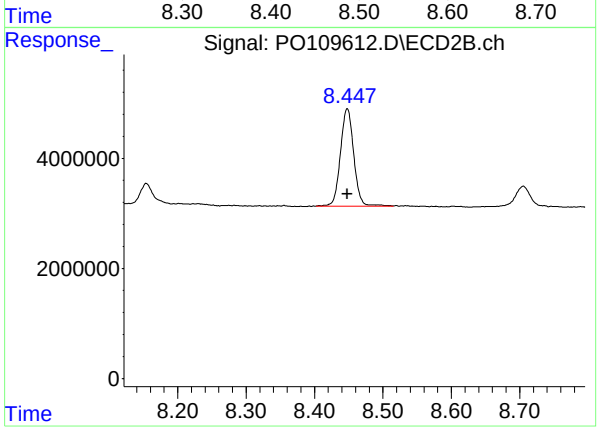

#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 4834051
Conc: 29.96 ng/ml




#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 54213980
Conc: 17.95 ng/ml




#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 23986409
Conc: 21.94 ng/ml

Raw Data: **PP070323.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-10B | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-08 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 70 Decanted: |
| Sample Wt/Vol: | 30.05 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP070323.D | 1 | 03/06/25 11:40 | 03/06/25 19:21 | PB167022 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 4.80 | U | 4.80 | 24.2 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 9.10 | U | 9.10 | 24.2 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 4.80 | U | 4.80 | 24.2 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 4.80 | U | 4.80 | 24.2 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 11.3 | U | 11.3 | 24.2 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 2600 | E | 3.90 | 24.2 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 6.50 | U | 6.50 | 24.2 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 539 | E | 4.90 | 24.2 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 4.20 | U | 4.20 | 24.2 | ug/kg |
| Total PCBs | Total PCBs | 3100 | | 8.80 | 24.2 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 25.4 | | 32 - 144 | 127% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 42.3 | * | 32 - 175 | 212% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PP070323.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 19:21
Operator : YP\AJ
Sample : Q1436-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10B

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:35:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.524 | 3.829 | 37277585 | 23590406 | 25.400 | 24.675 |
| 2) | SA Decachlor... | 10.256 | 8.885 | 48200130 | 43177740 | 42.317 | 39.828 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.527 | 5.725 | 121.2E6 | 115.7E6 | 2136.998m | 2119.878 |
| 27) | L6 AR-1254-2 | 6.744 | 5.873 | 257.8E6 | 167.8E6 | 2939.885 | 3441.645 |
| 28) | L6 AR-1254-3 | 7.107 | 6.278 | 361.6E6 | 341.1E6 | 4057.494 | 4498.899 |
| 29) | L6 AR-1254-4 | 7.390 | 6.506 | 311.0E6 | 242.6E6 | 4173.382 | 4714.339m |
| 30) | L6 AR-1254-5 | 7.822 | 6.924 | 924.5E6 | 841.2E6 | 13764.957 | 12449.922 |
| 41) | L9 AR-1268-1 | 8.747 | 7.748 | 251.6E6 | 190.8E6 | 1309.892 | 1150.929 |
| 42) | L9 AR-1268-2 | 8.839 | 7.813 | 210.0E6 | 230.9E6 | 1268.170 | 1591.938 # |
| 43) | L9 AR-1268-3 | 9.074 | 8.020 | 96521344 | 83286935 | 672.604 | 680.091 |
| 44) | L9 AR-1268-4 | 9.492 | 8.315 | 87445036 | 74351753 | 1386.933 | 1397.982 |
| 45) | L9 AR-1268-5 | 9.912 | 8.620 | 349.3E6 | 301.8E6 | 839.877 | 849.696 |

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

Sample Results: **PP070323.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 19:21
Operator : YP\AJ
Sample : Q1436-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

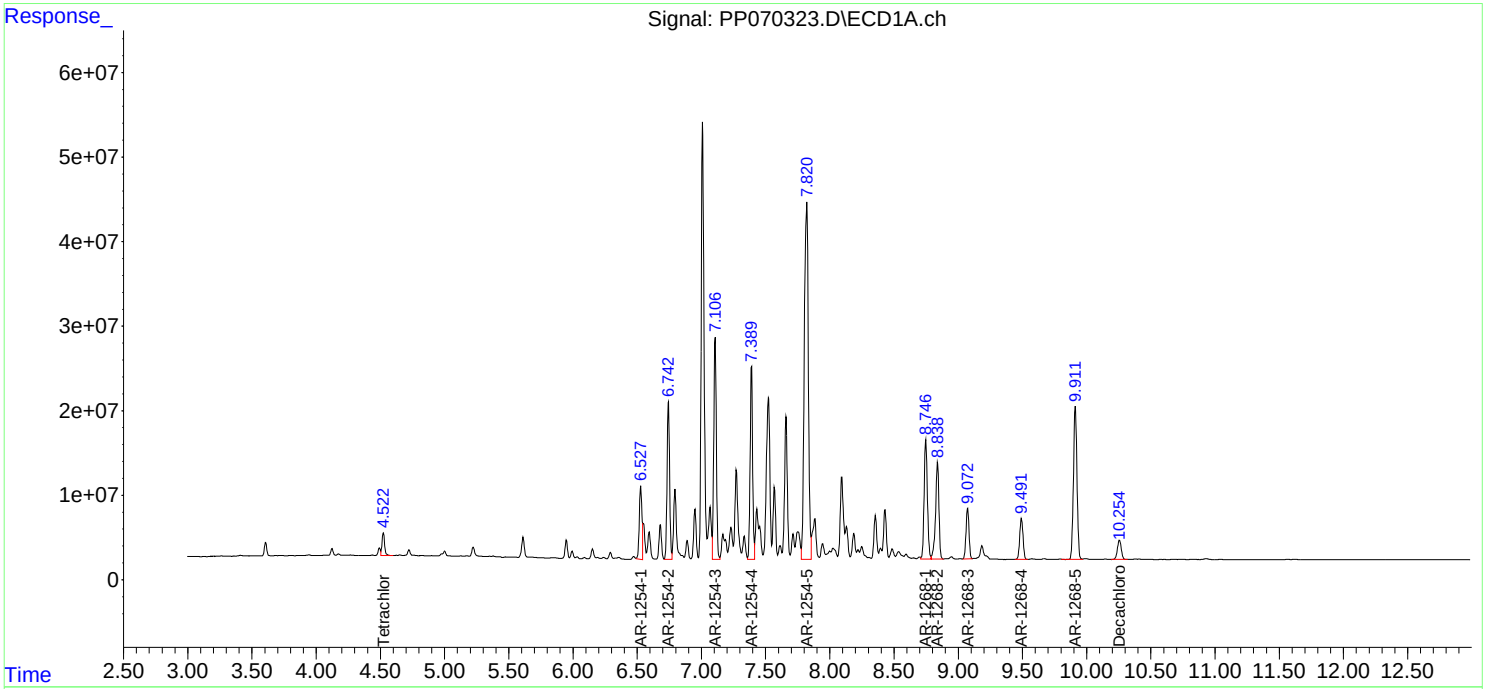
**Instrument :**
ECD_P
**ClientSampleId :**
K084-10B

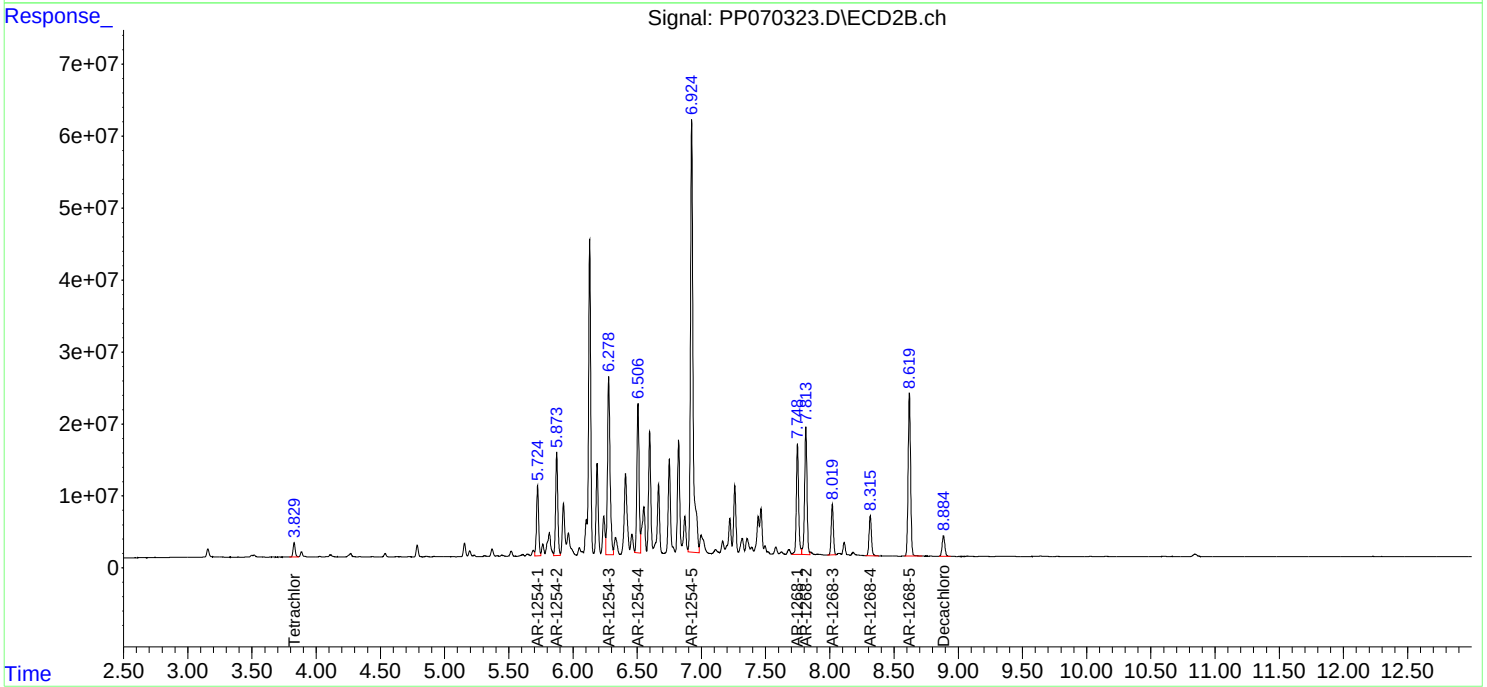
**Manual Integrations APPROVED**

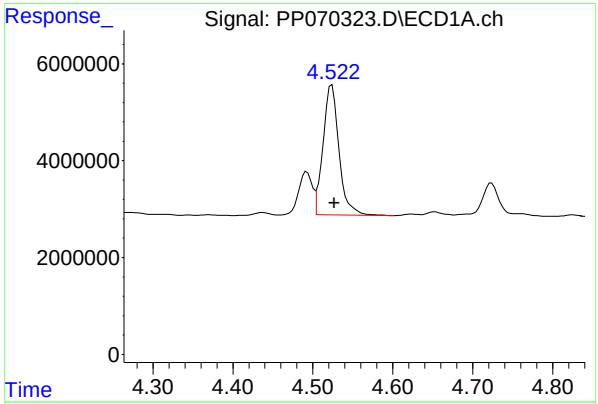
Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:35:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





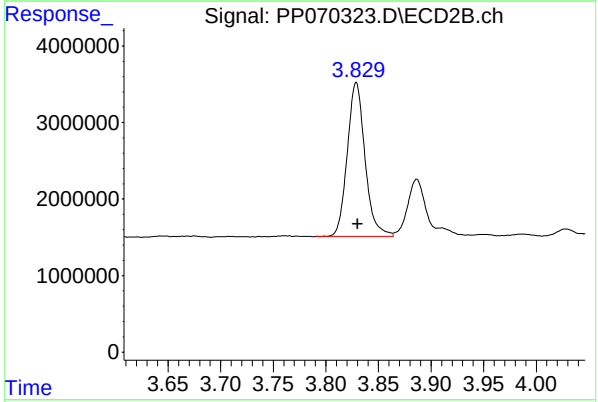

#1 Tetrachloro-m-xylene

R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 37277585
Conc: 25.40 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10B

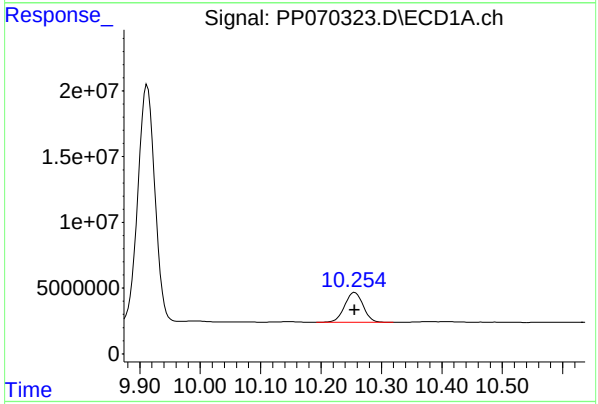
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



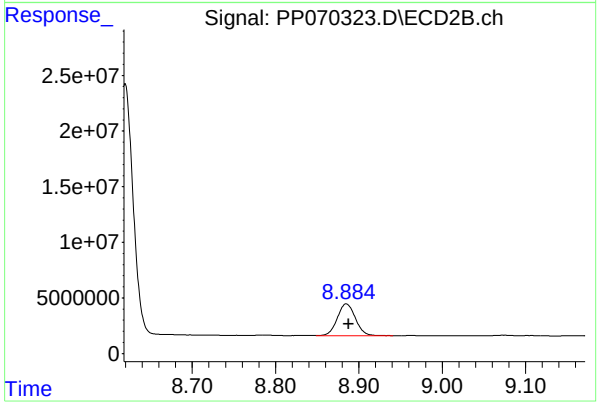

#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.001 min
Response: 23590406
Conc: 24.68 ng/ml



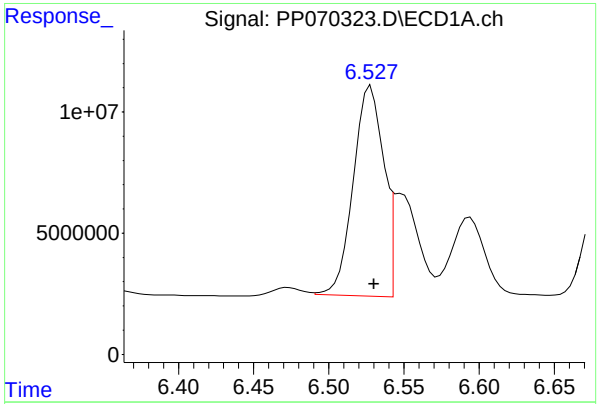

#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: 0.000 min
Response: 48200130
Conc: 42.32 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.885 min
Delta R.T.: -0.003 min
Response: 43177740
Conc: 39.83 ng/ml



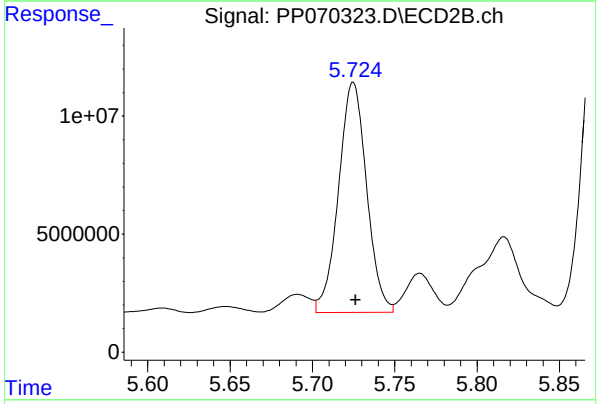

#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: -0.004 min
Response: 121168502
Conc: 2137.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10B

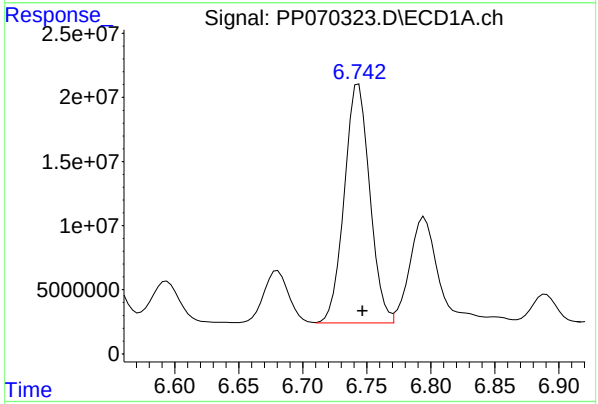
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



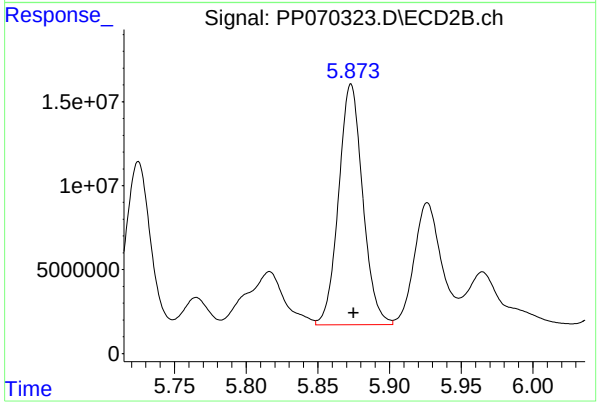

#26 AR-1254-1

R.T.: 5.725 min
Delta R.T.: -0.002 min
Response: 115680401
Conc: 2119.88 ng/ml



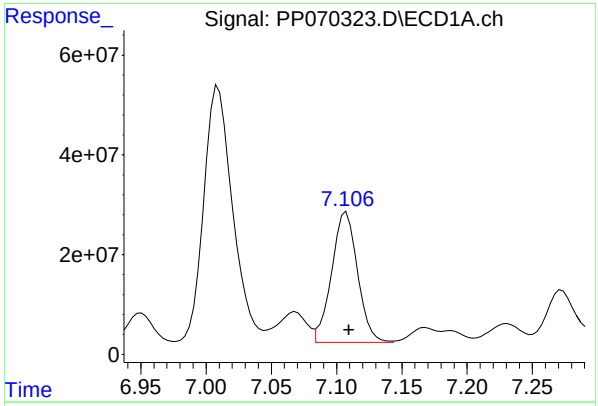

#27 AR-1254-2

R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 257785252
Conc: 2939.89 ng/ml




#27 AR-1254-2

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 167764801
Conc: 3441.64 ng/ml



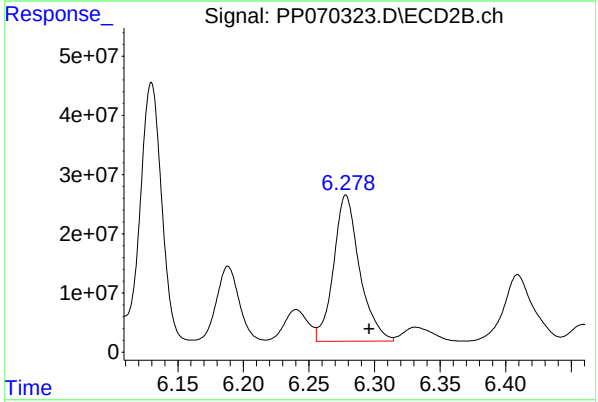

#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.002 mi
Response: 361629751
Conc: 4057.49 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10B

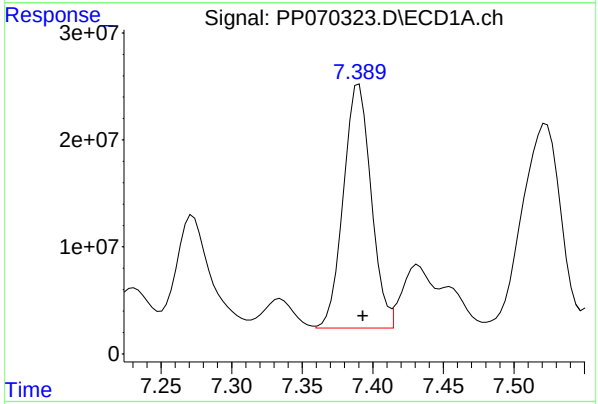
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



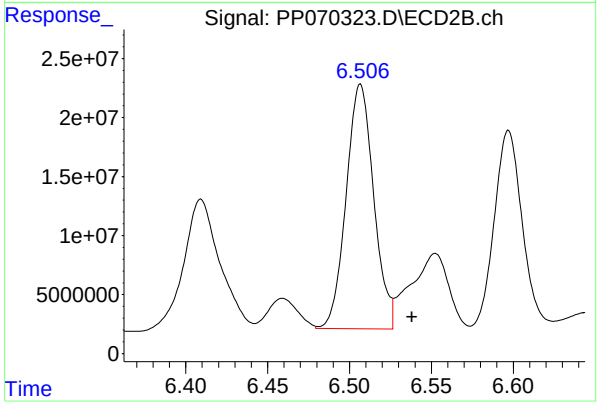

#28 AR-1254-3

R.T.: 6.278 min
Delta R.T.: -0.018 min
Response: 341091153
Conc: 4498.90 ng/ml



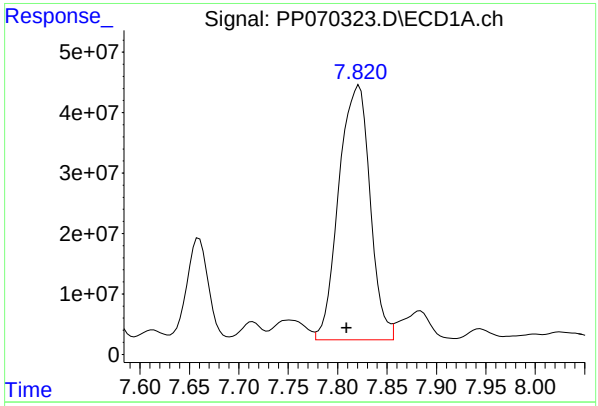

#29 AR-1254-4

R.T.: 7.390 min
Delta R.T.: -0.003 min
Response: 310963371
Conc: 4173.38 ng/ml




#29 AR-1254-4

R.T.: 6.506 min
Delta R.T.: -0.032 min
Response: 242600008
Conc: 4714.34 ng/ml m



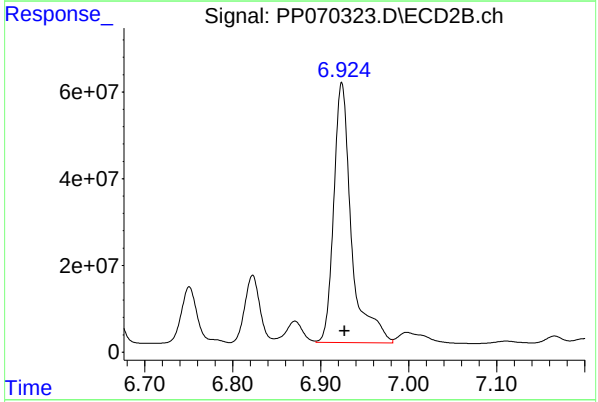

#30 AR-1254-5

R.T.: 7.822 min
Delta R.T.: 0.013 min
Response: 924486091
Conc: 13764.96 ng/

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10B

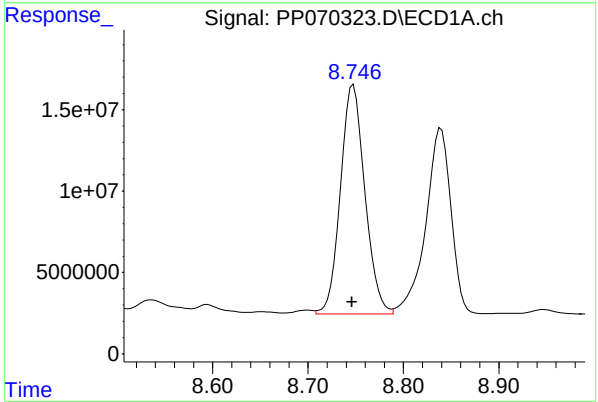
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



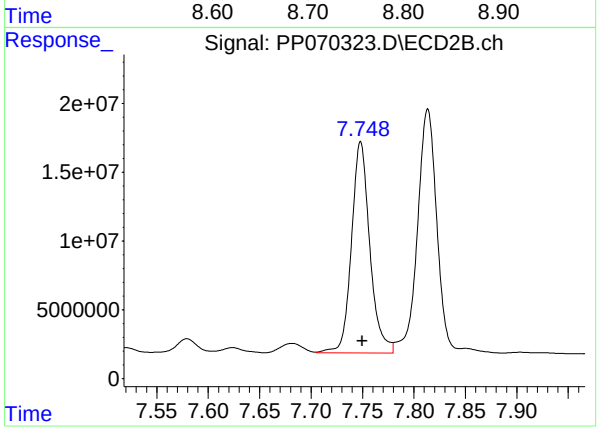

#30 AR-1254-5

R.T.: 6.924 min
Delta R.T.: -0.003 min
Response: 841231579
Conc: 12449.92 ng/ml



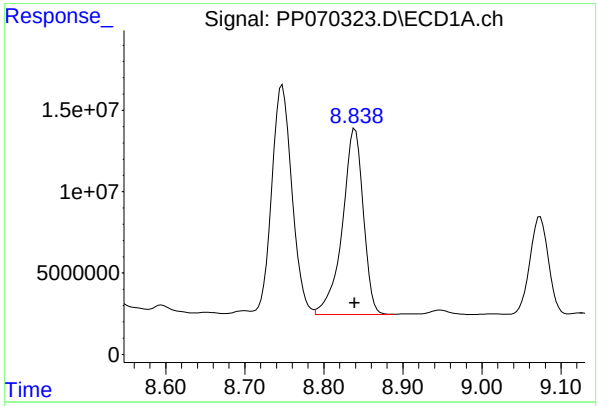

#41 AR-1268-1

R.T.: 8.747 min
Delta R.T.: 0.001 min
Response: 251621529
Conc: 1309.89 ng/ml




#41 AR-1268-1

R.T.: 7.748 min
Delta R.T.: -0.002 min
Response: 190765371
Conc: 1150.93 ng/ml



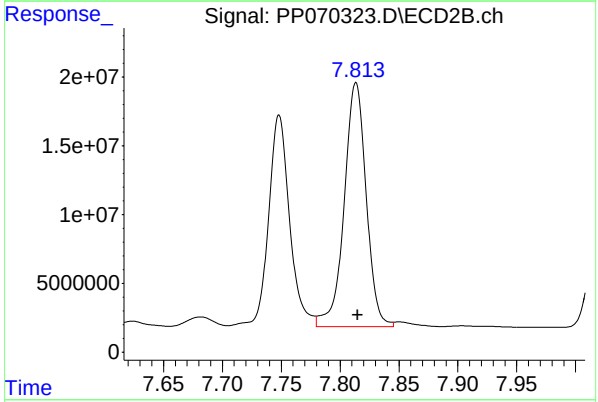

#42 AR-1268-2

R.T.: 8.839 min
Delta R.T.: 0.000 min
Response: 209990249
Conc: 1268.17 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10B

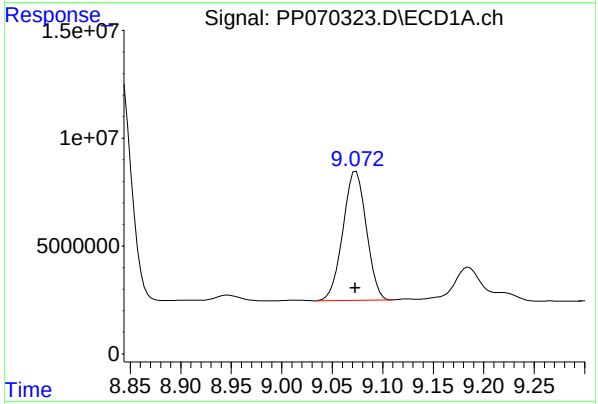
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



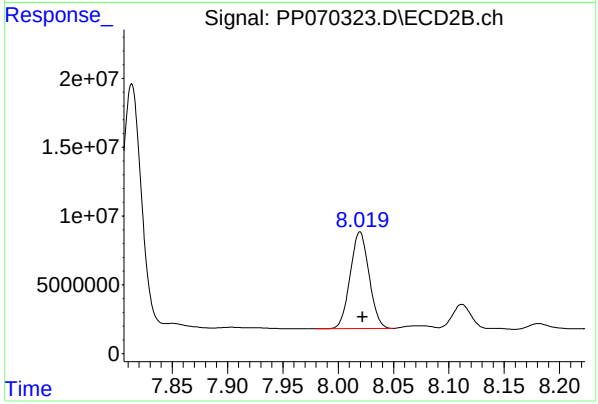

#42 AR-1268-2

R.T.: 7.813 min
Delta R.T.: -0.002 min
Response: 230897216
Conc: 1591.94 ng/ml



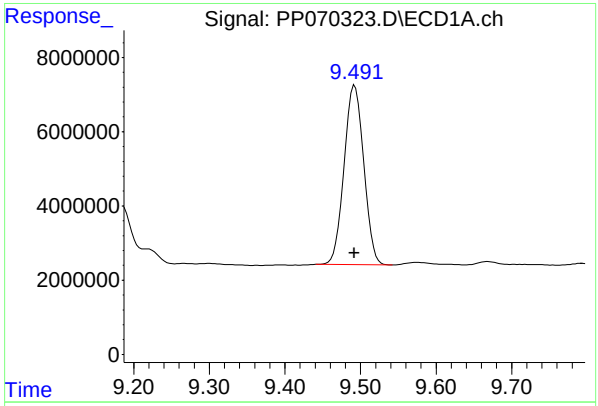

#43 AR-1268-3

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 96521344
Conc: 672.60 ng/ml




#43 AR-1268-3

R.T.: 8.020 min
Delta R.T.: -0.002 min
Response: 83286935
Conc: 680.09 ng/ml



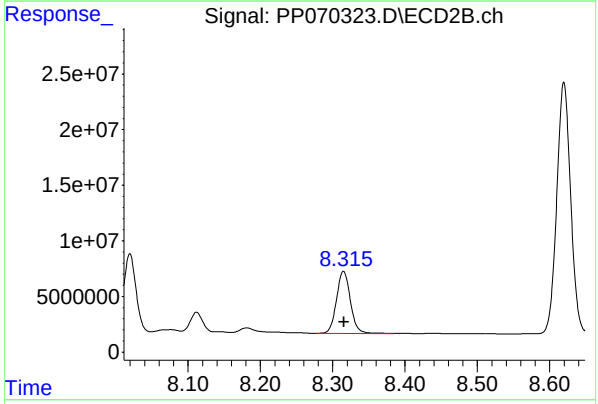

#44 AR-1268-4

R.T.: 9.492 min
Delta R.T.: 0.000 mi
Response: 87445036
Conc: 1386.93 ng/

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10B

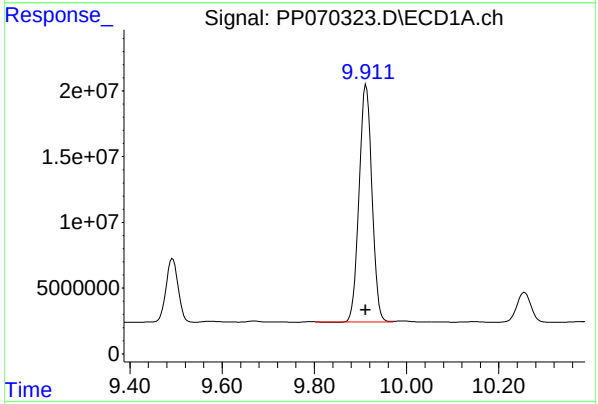
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



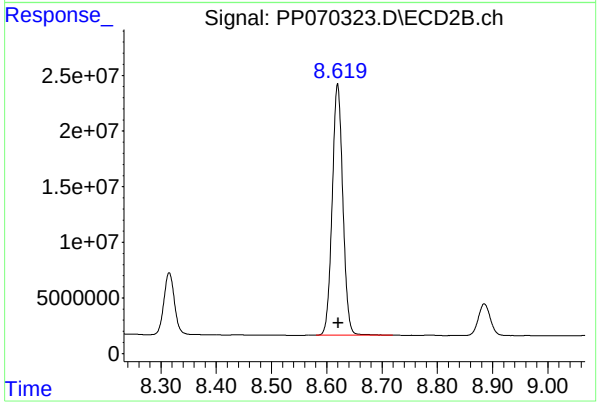

#44 AR-1268-4

R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 74351753
Conc: 1397.98 ng/ml




#45 AR-1268-5

R.T.: 9.912 min
Delta R.T.: 0.000 min
Response: 349322227
Conc: 839.88 ng/ml




#45 AR-1268-5

R.T.: 8.620 min
Delta R.T.: -0.001 min
Response: 301828730
Conc: 849.70 ng/ml

Raw Data: **PP070342.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-10BDL | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-08DL | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 70 Decanted: |
| Sample Wt/Vol: | 30.05 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP070342.D | 2 | 03/06/25 11:40 | 03/07/25 10:04 | PB167022 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 9.70 | UD | 9.70 | 48.5 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 18.3 | UD | 18.3 | 48.5 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 9.70 | UD | 9.70 | 48.5 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 9.70 | UD | 9.70 | 48.5 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 22.5 | UD | 22.5 | 48.5 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 2800 | ED | 7.80 | 48.5 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 13.0 | UD | 13.0 | 48.5 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 636 | D | 9.80 | 48.5 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 8.30 | UD | 8.30 | 48.5 | ug/kg |
| Total PCBs | Total PCBs | 3500 | D | 17.6 | 48.5 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 28.1 | | 32 - 144 | 140% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 48.0 | * | 32 - 175 | 240% | SPK: 20 |

Comments:

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

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

Sample Results: **PP070342.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 10:04
Operator : YP\AJ
Sample : Q1436-08DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 11:05:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.526 | 3.829 | 20587177 | 12744782 | 14.028 | 13.331 | |
| 2) | SA Decachlor... | 10.257 | 8.884 | 27325598 | 25987262 | 23.990 | 23.971 | |
| | Target Compounds | | | | | | | |
| 26) | L6 AR-1254-1 | 6.528 | 5.724 | 65938526 | 62695132 | 1162.930m | 1148.907 | |
| 27) | L6 AR-1254-2 | 6.746 | 5.872 | 143.6E6 | 89526699 | 1637.580 | 1836.613 | |
| 28) | L6 AR-1254-3 | 7.110 | 6.277 | 204.0E6 | 179.5E6 | 2288.591 | 2366.927 | |
| 29) | L6 AR-1254-4 | 7.392 | 6.552 | 179.0E6 | 50887741 | 2401.851 | 988.879 | # |
| 30) | L6 AR-1254-5 | 7.823 | 6.923 | 499.5E6 | 434.1E6 | 7437.744 | 6424.877 | |
| 41) | L9 AR-1268-1 | 8.749 | 7.747 | 141.8E6 | 113.1E6 | 738.439 | 682.349 | |
| 42) | L9 AR-1268-2 | 8.841 | 7.812 | 119.2E6 | 136.6E6 | 719.942 | 941.835 | # |
| 43) | L9 AR-1268-3 | 9.075 | 8.020 | 55026530 | 50483328 | 383.449 | 412.229 | |
| 44) | L9 AR-1268-4 | 9.494 | 8.314 | 49633310 | 44010799 | 787.215 | 827.503 | |
| 45) | L9 AR-1268-5 | 9.913 | 8.618 | 196.9E6 | 171.5E6 | 473.374 | 482.692 | |

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

Sample Results: **PP070342.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 10:04
Operator : YP\AJ
Sample : Q1436-08DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

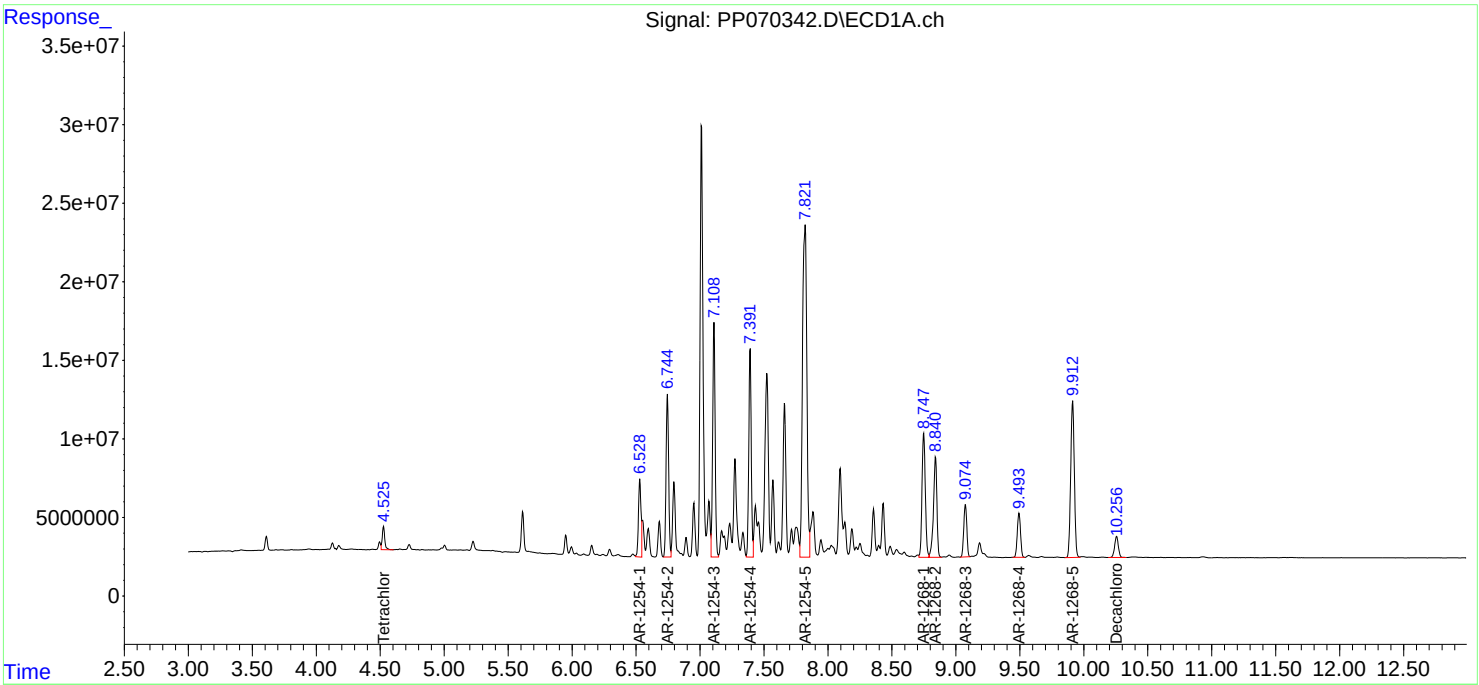
**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL

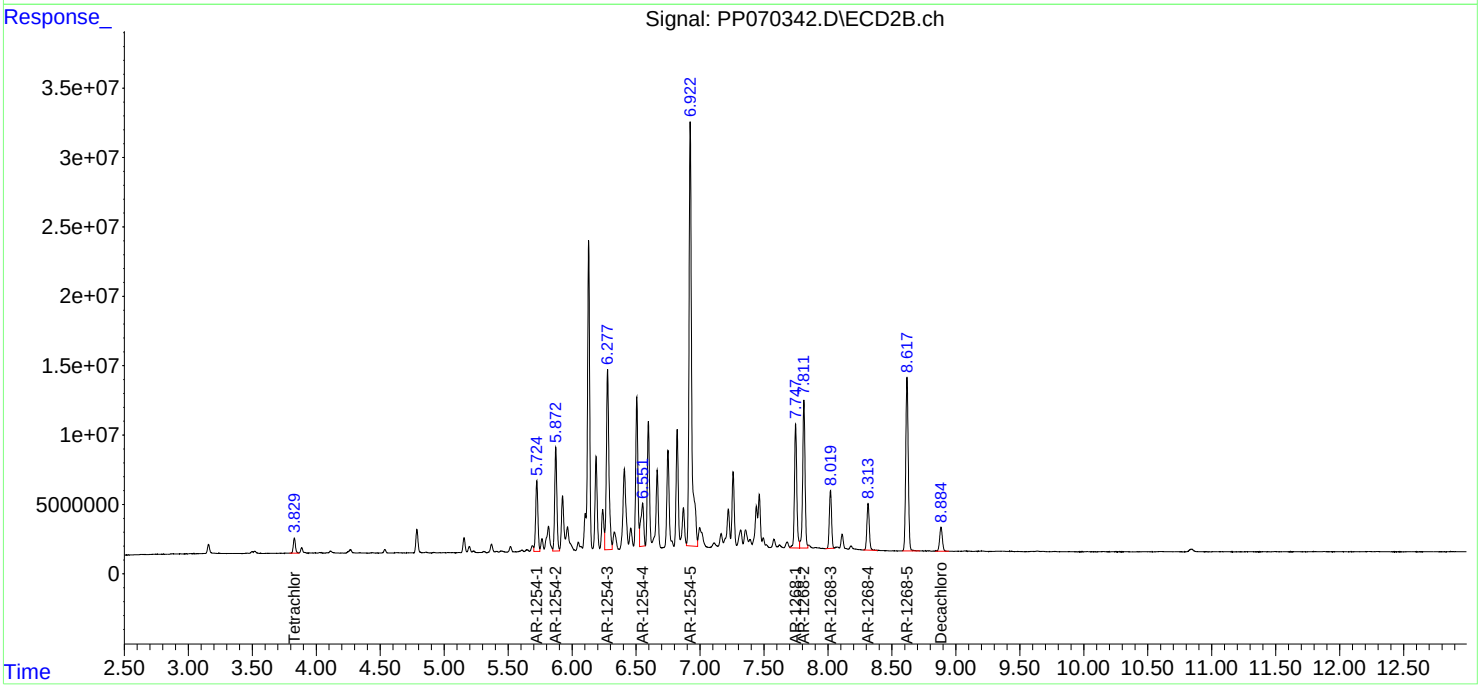
**Manual Integrations APPROVED**

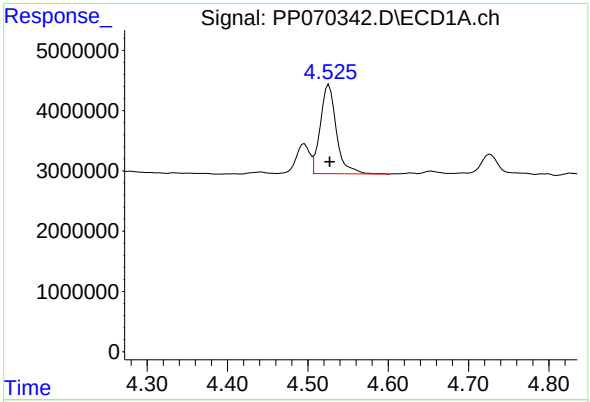
Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 11:05:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





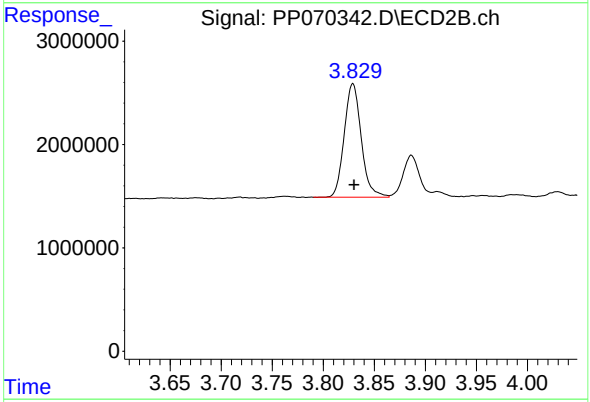

#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 20587177
Conc: 14.03 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL

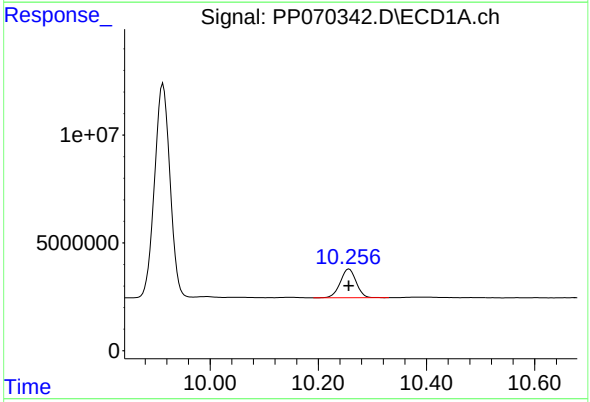
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



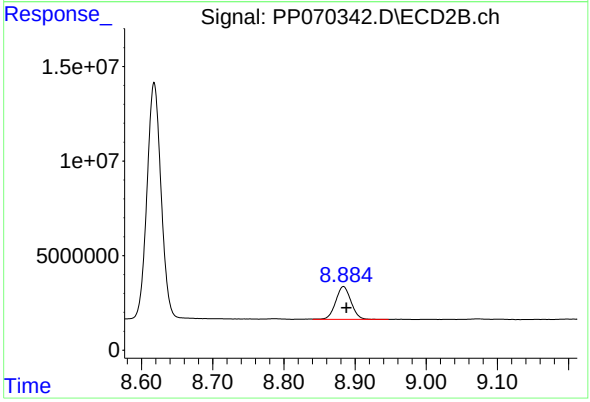

#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.001 min
Response: 12744782
Conc: 13.33 ng/ml



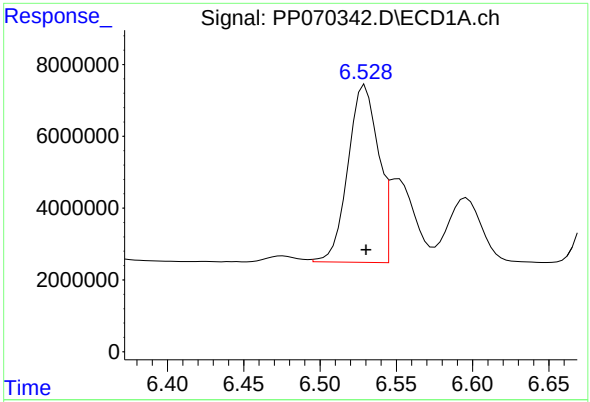

#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: 0.000 min
Response: 27325598
Conc: 23.99 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.884 min
Delta R.T.: -0.004 min
Response: 25987262
Conc: 23.97 ng/ml



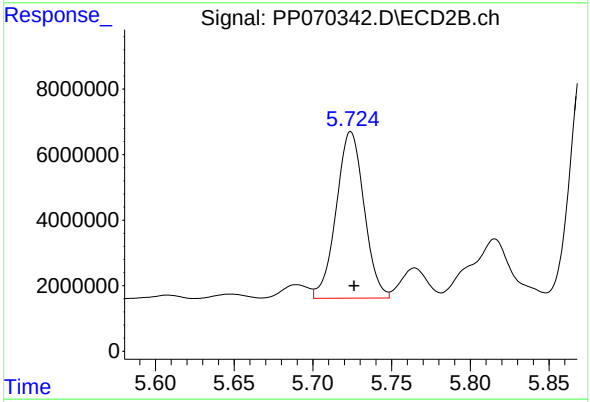

#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 65938526
Conc: 1162.93 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL

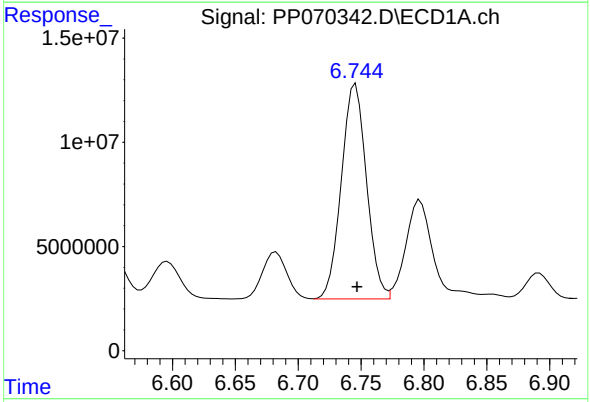
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



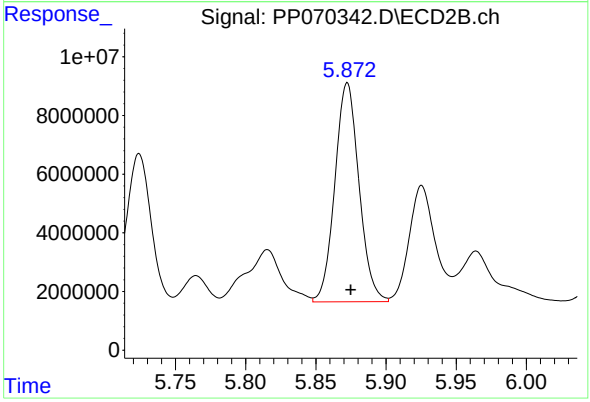

#26 AR-1254-1

R.T.: 5.724 min
Delta R.T.: -0.002 min
Response: 62695132
Conc: 1148.91 ng/ml



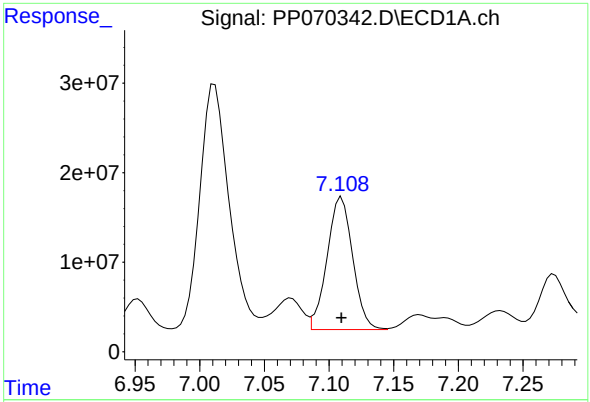

#27 AR-1254-2

R.T.: 6.746 min
Delta R.T.: -0.001 min
Response: 143592025
Conc: 1637.58 ng/ml




#27 AR-1254-2

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 89526699
Conc: 1836.61 ng/ml



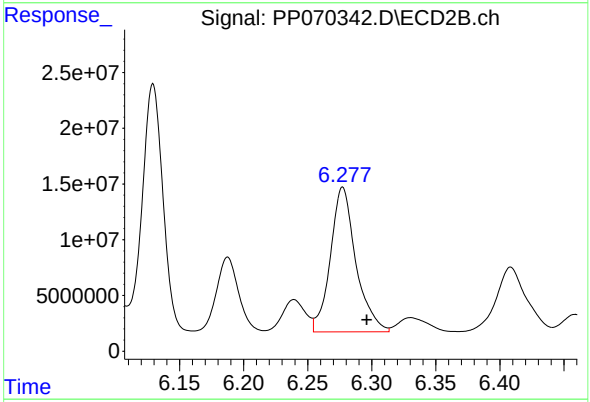

#28 AR-1254-3

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 203973839
Conc: 2288.59 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL

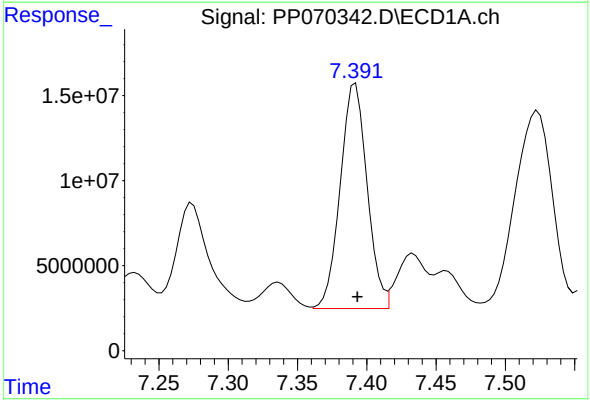
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



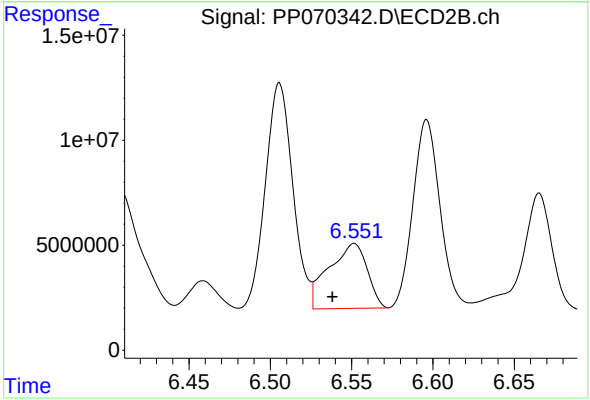

#28 AR-1254-3

R.T.: 6.277 min
Delta R.T.: -0.019 min
Response: 179452354
Conc: 2366.93 ng/ml



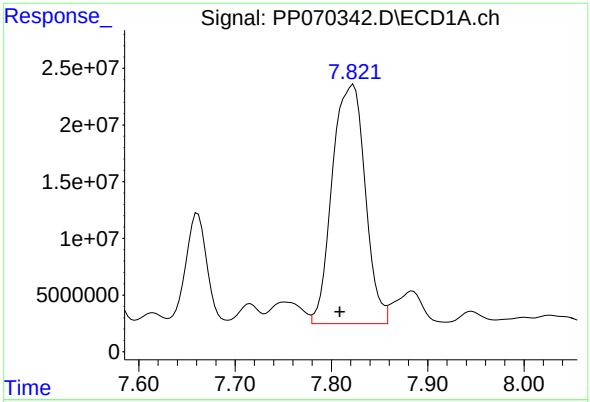

#29 AR-1254-4

R.T.: 7.392 min
Delta R.T.: -0.001 min
Response: 178964598
Conc: 2401.85 ng/ml




#29 AR-1254-4

R.T.: 6.552 min
Delta R.T.: 0.013 min
Response: 50887741
Conc: 988.88 ng/ml



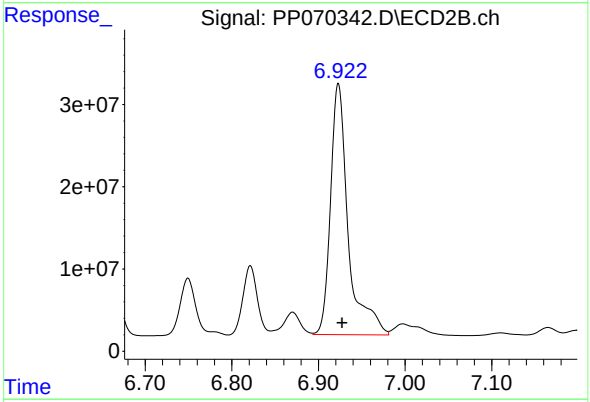

#30 AR-1254-5

R.T.: 7.823 min
Delta R.T.: 0.014 min
Response: 499535987
Conc: 7437.74 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL

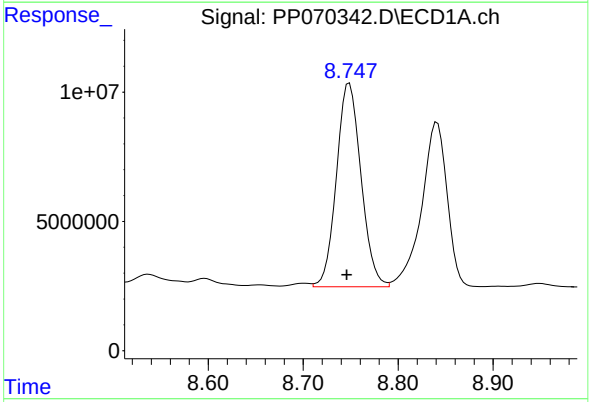
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



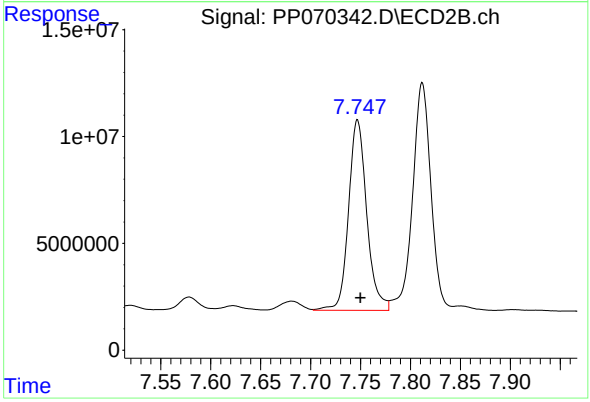

#30 AR-1254-5

R.T.: 6.923 min
Delta R.T.: -0.004 min
Response: 434123953
Conc: 6424.88 ng/ml



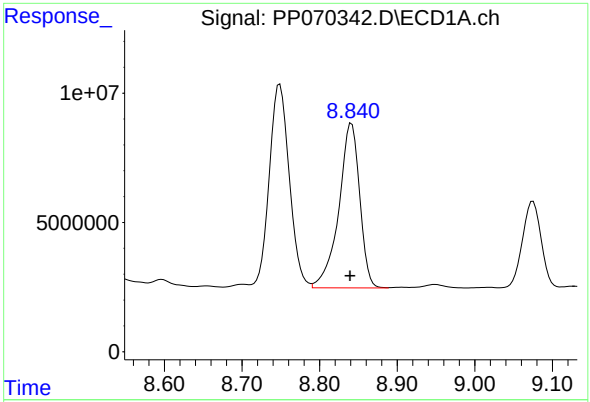

#41 AR-1268-1

R.T.: 8.749 min
Delta R.T.: 0.003 min
Response: 141849263
Conc: 738.44 ng/ml




#41 AR-1268-1

R.T.: 7.747 min
Delta R.T.: -0.003 min
Response: 113098639
Conc: 682.35 ng/ml



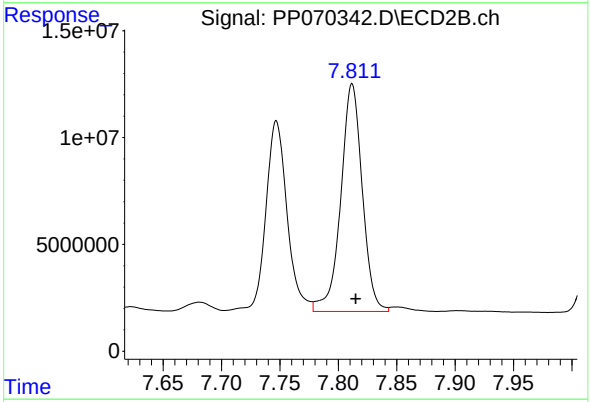

#42 AR-1268-2

R.T.: 8.841 min
Delta R.T.: 0.002 min
Response: 119211873
Conc: 719.94 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL

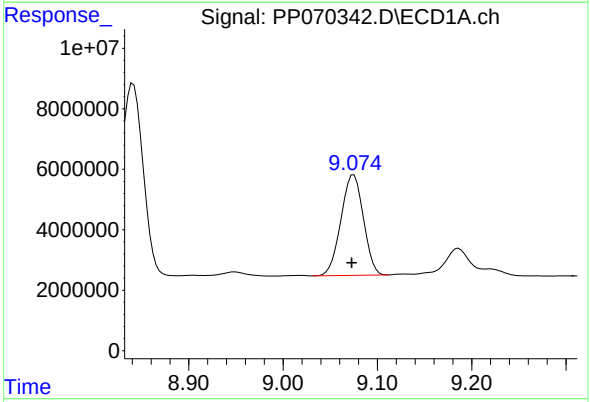
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



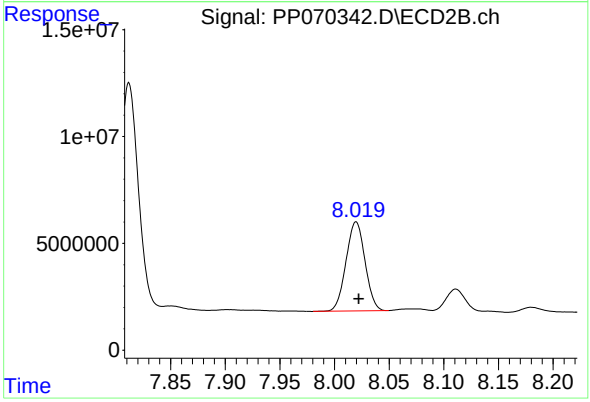

#42 AR-1268-2

R.T.: 7.812 min
Delta R.T.: -0.003 min
Response: 136605207
Conc: 941.83 ng/ml



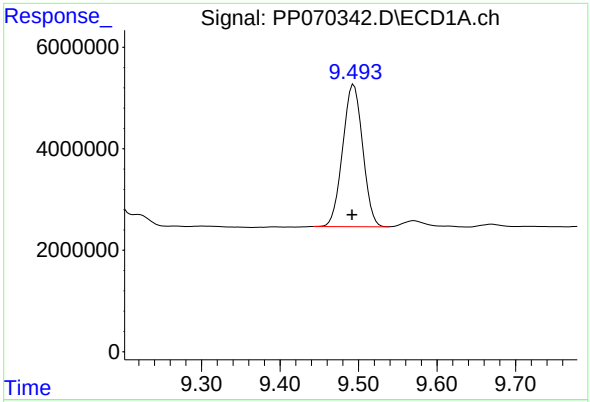

#43 AR-1268-3

R.T.: 9.075 min
Delta R.T.: 0.002 min
Response: 55026530
Conc: 383.45 ng/ml




#43 AR-1268-3

R.T.: 8.020 min
Delta R.T.: -0.002 min
Response: 50483328
Conc: 412.23 ng/ml



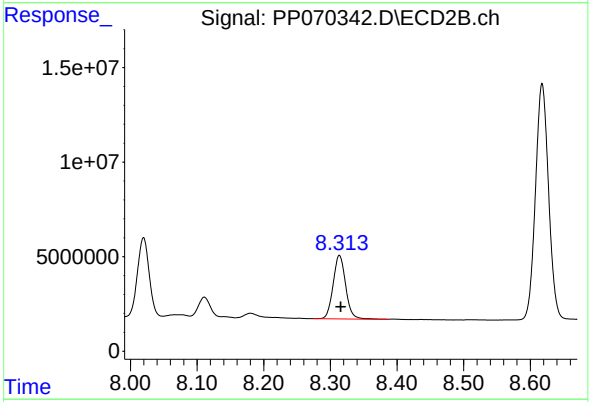

#44 AR-1268-4

R.T.: 9.494 min
Delta R.T.: 0.002 min
Response: 49633310
Conc: 787.22 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL

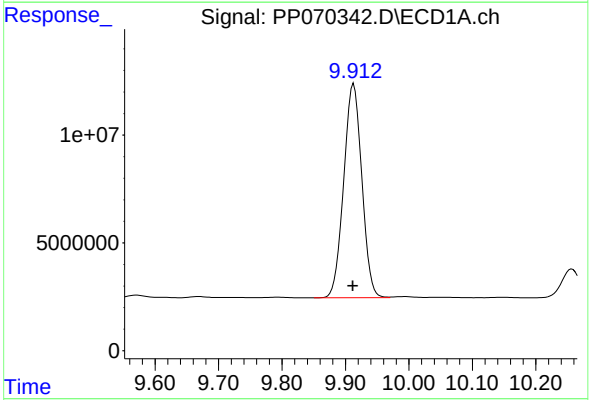
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



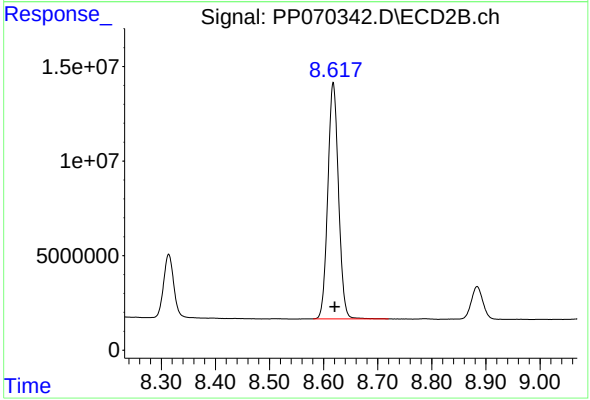

#44 AR-1268-4

R.T.: 8.314 min
Delta R.T.: -0.002 min
Response: 44010799
Conc: 827.50 ng/ml




#45 AR-1268-5

R.T.: 9.913 min
Delta R.T.: 0.002 min
Response: 196886135
Conc: 473.37 ng/ml




#45 AR-1268-5

R.T.: 8.618 min
Delta R.T.: -0.003 min
Response: 171461564
Conc: 482.69 ng/ml

Raw Data: **PP070343.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-10BDL2 | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-08DL2 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 70 Decanted: |
| Sample Wt/Vol: | 30.05 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP070343.D | 10 | 03/06/25 11:40 | 03/07/25 10:20 | PB167022 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 48.3 | UD | 48.3 | 242 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 91.4 | UD | 91.4 | 242 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 48.5 | UD | 48.5 | 242 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 48.3 | UD | 48.3 | 242 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 113 | UD | 113 | 242 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 3500 | D | 38.9 | 242 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 65.2 | UD | 65.2 | 242 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 768 | D | 48.9 | 242 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 41.5 | UD | 41.5 | 242 | ug/kg |
| Total PCBs | Total PCBs | 4200 | D | 87.8 | 242 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 34.6 | * | 32 - 144 | 173% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 60.2 | * | 32 - 175 | 301% | SPK: 20 |

Comments:

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

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

Sample Results: **PP070343.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070343.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 10:20
Operator : YP\AJ
Sample : Q1436-08DL2 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL2

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 11:05:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.525 | 3.827 | 4761727 | 3310598 | 3.245 | 3.463 | |
| 2) | SA Decachlor... | 10.253 | 8.883 | 6424602 | 6523485 | 5.640 | 6.017 | |
| | Target Compounds | | | | | | | |
| 26) | L6 AR-1254-1 | 6.527 | 5.722 | 18410805 | 16756035 | 324.704m | 307.059 | |
| 27) | L6 AR-1254-2 | 6.744 | 5.871 | 36807542 | 23755285 | 419.768 | 487.333 | |
| 28) | L6 AR-1254-3 | 7.108 | 6.275 | 51452987 | 45083523 | 577.304 | 594.639 | |
| 29) | L6 AR-1254-4 | 7.390 | 6.549 | 45119563 | 12507190 | 605.541 | 243.047 | # |
| 30) | L6 AR-1254-5 | 7.818 | 6.921 | 115.9E6 | 95407729 | 1725.660 | 1412.000 | |
| 41) | L9 AR-1268-1 | 8.746 | 7.745 | 35059624 | 27984511 | 182.513 | 168.837 | |
| 42) | L9 AR-1268-2 | 8.839 | 7.810 | 28769913 | 32003619 | 173.747 | 220.651 | # |
| 43) | L9 AR-1268-3 | 9.071 | 8.017 | 13322417 | 12088790 | 92.837 | 98.713 | |
| 44) | L9 AR-1268-4 | 9.491 | 8.312 | 11832635 | 10794936 | 187.673 | 202.969 | |
| 45) | L9 AR-1268-5 | 9.910 | 8.616 | 47440603 | 41350319 | 114.062 | 116.408 | |

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

Sample Results: **PP070343.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070343.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 10:20
Operator : YP\AJ
Sample : Q1436-08DL2 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

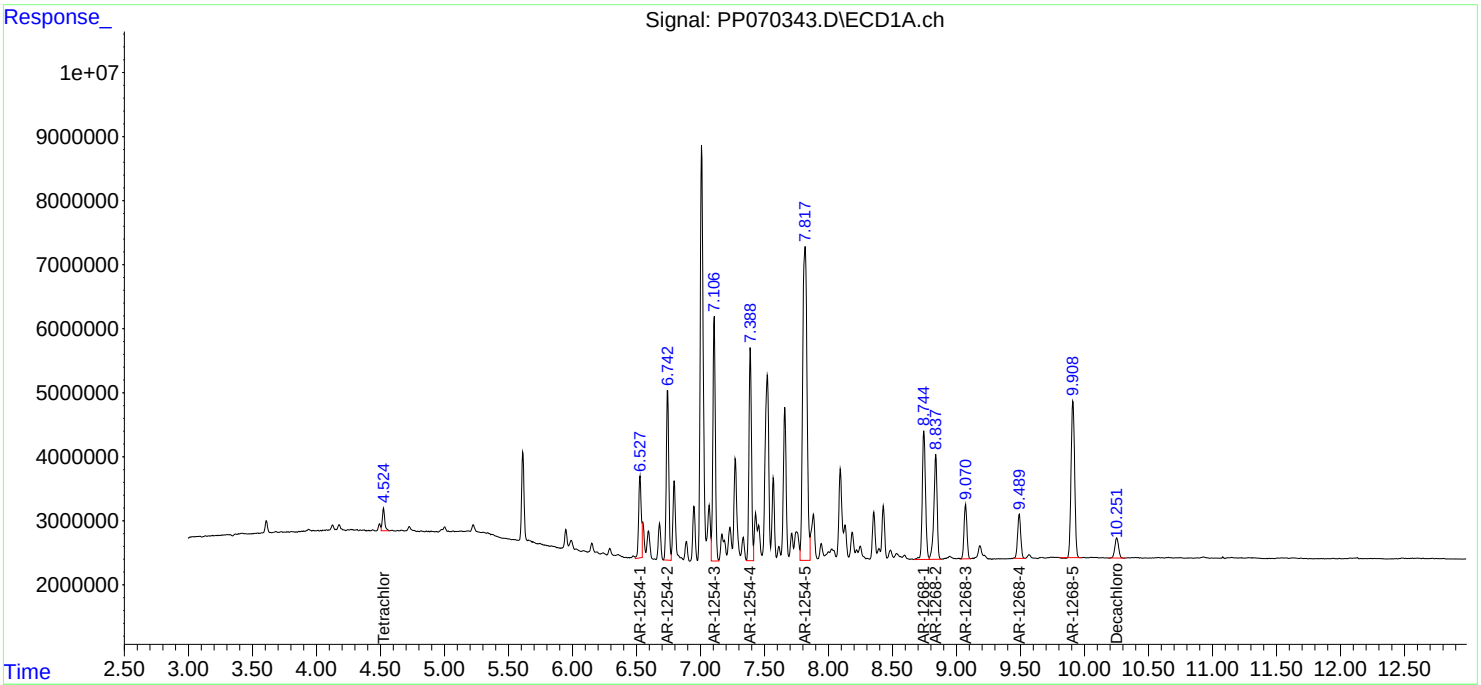
**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL2

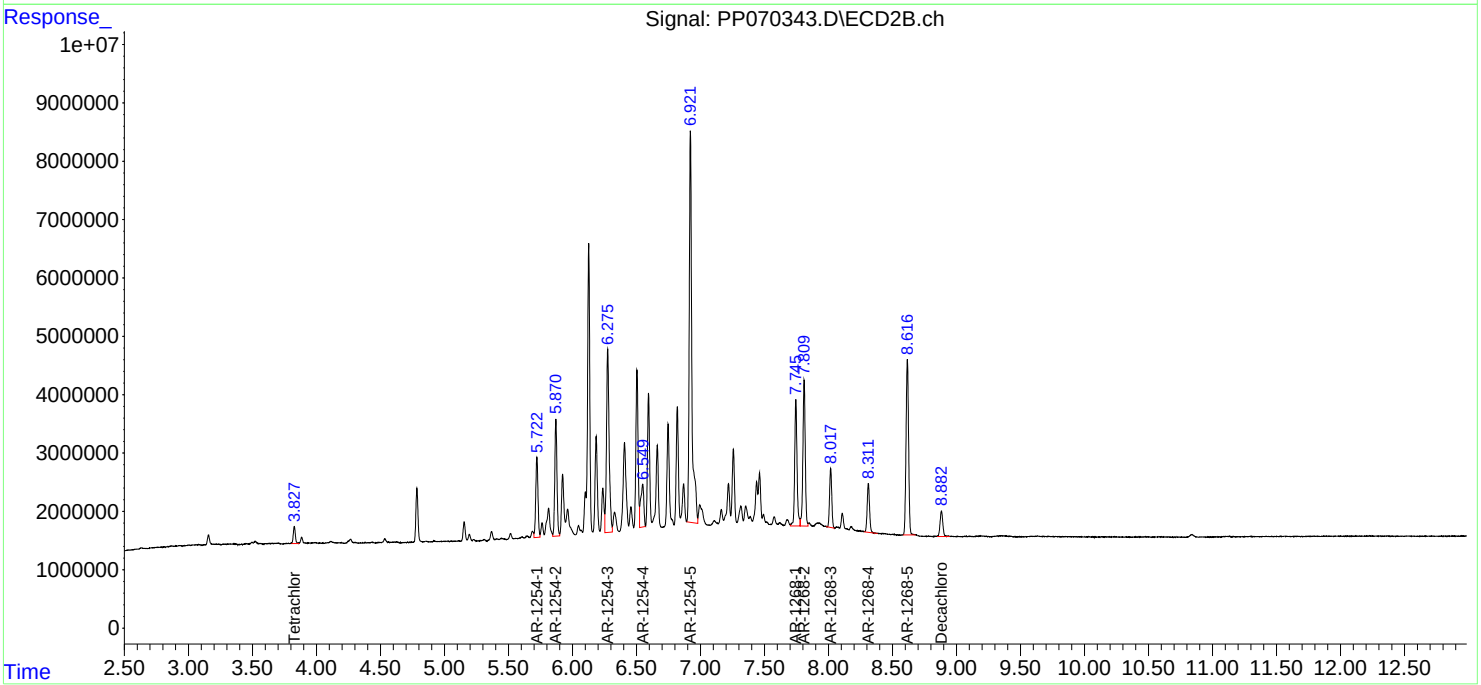
**Manual Integrations APPROVED**

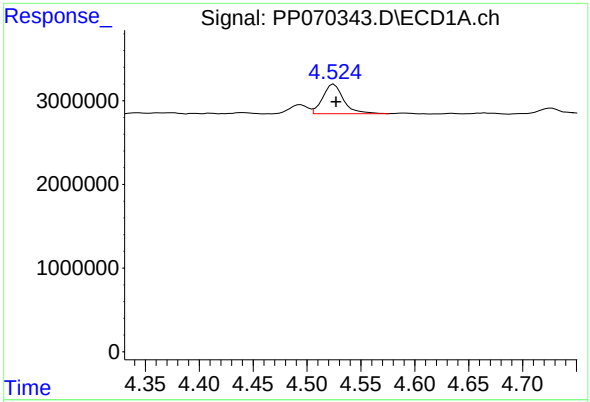
Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 11:05:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





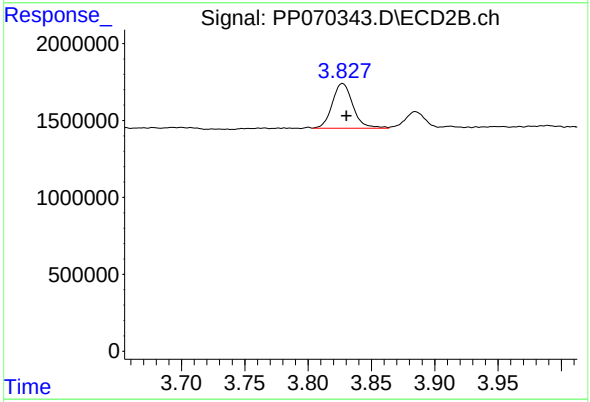

#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 4761727
Conc: 3.24 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL2

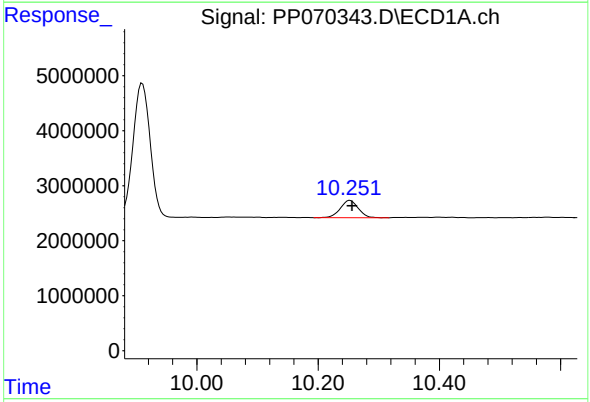
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



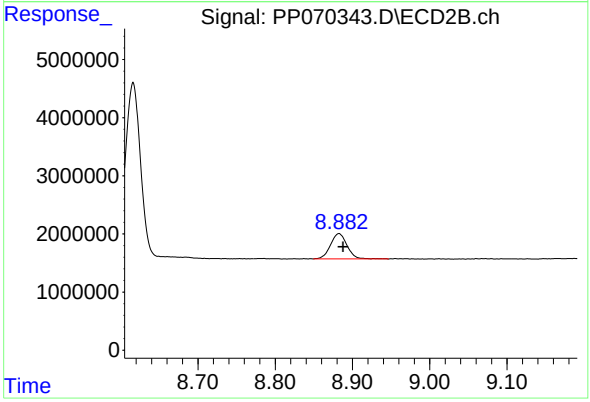

#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: -0.003 min
Response: 3310598
Conc: 3.46 ng/ml



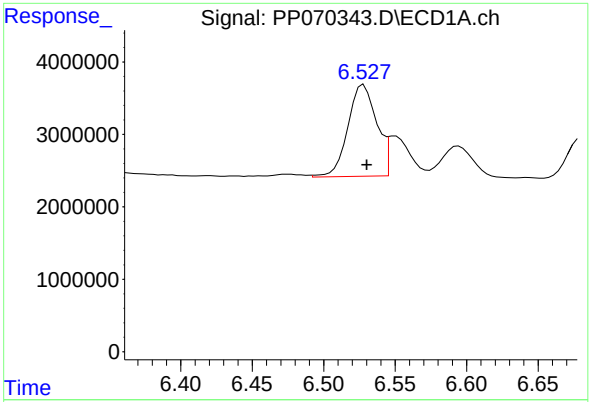

#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.003 min
Response: 6424602
Conc: 5.64 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.883 min
Delta R.T.: -0.005 min
Response: 6523485
Conc: 6.02 ng/ml



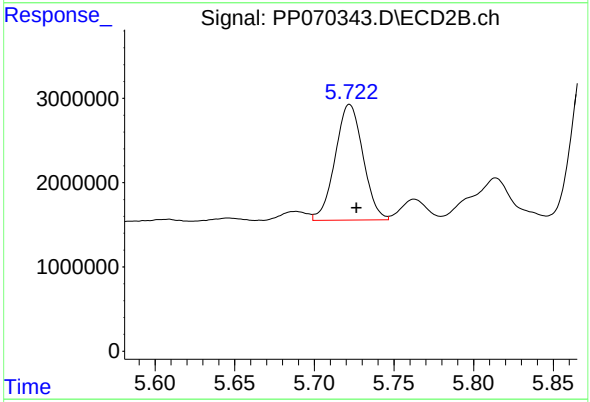

#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: -0.004 min
Response: 18410805
Conc: 324.70 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL2

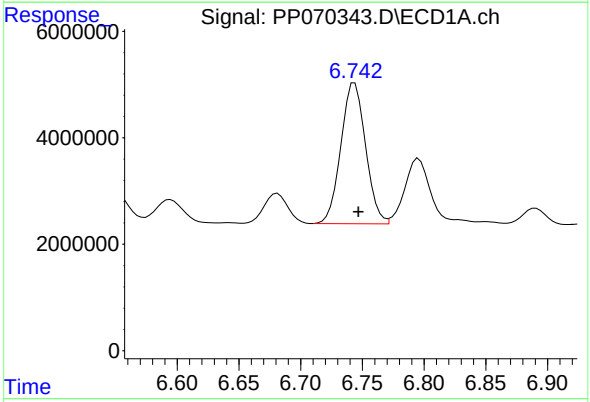
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



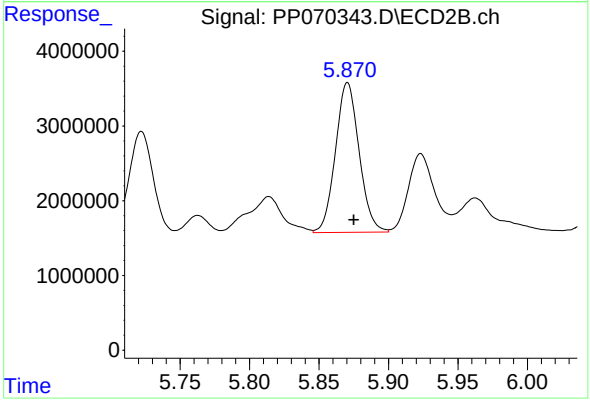

#26 AR-1254-1

R.T.: 5.722 min
Delta R.T.: -0.004 min
Response: 16756035
Conc: 307.06 ng/ml



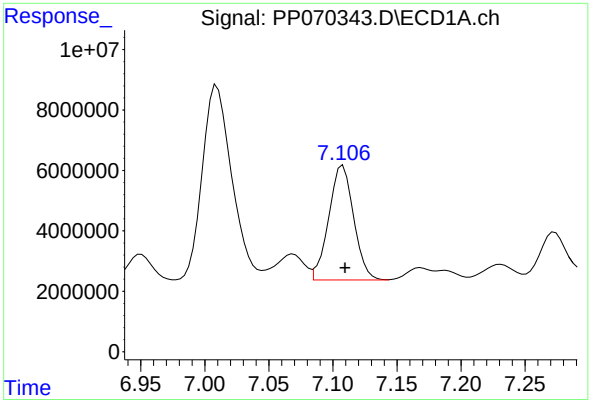

#27 AR-1254-2

R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 36807542
Conc: 419.77 ng/ml




#27 AR-1254-2

R.T.: 5.871 min
Delta R.T.: -0.004 min
Response: 23755285
Conc: 487.33 ng/ml



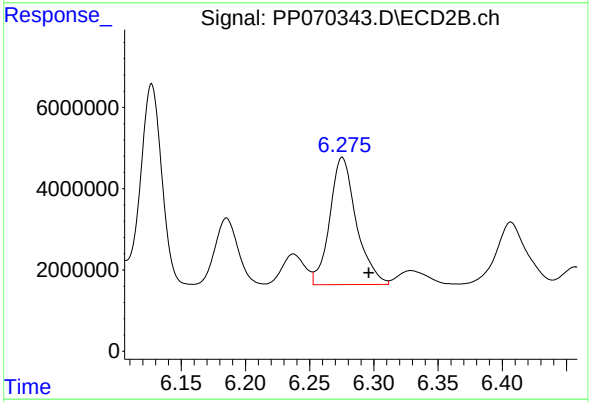

#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: -0.002 min
Response: 51452987
Conc: 577.30 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL2

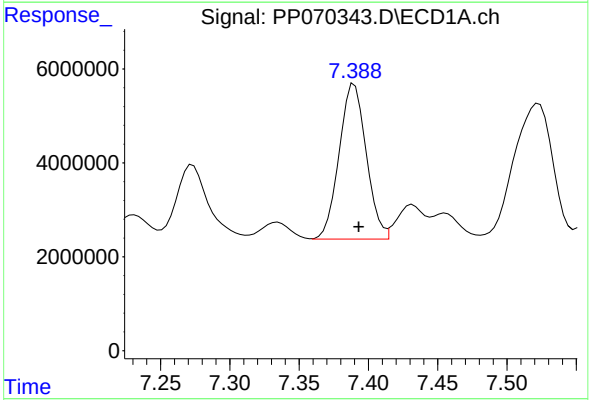
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



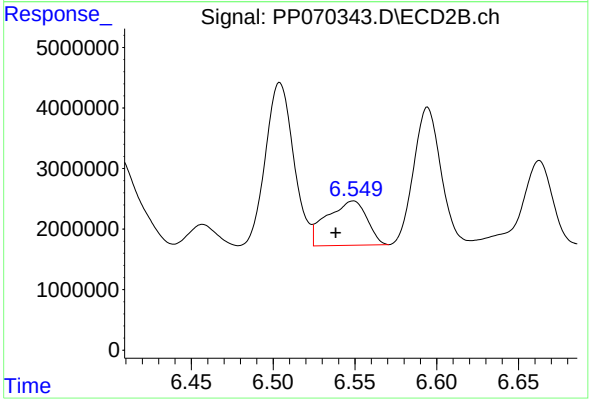

#28 AR-1254-3

R.T.: 6.275 min
Delta R.T.: -0.021 min
Response: 45083523
Conc: 594.64 ng/ml



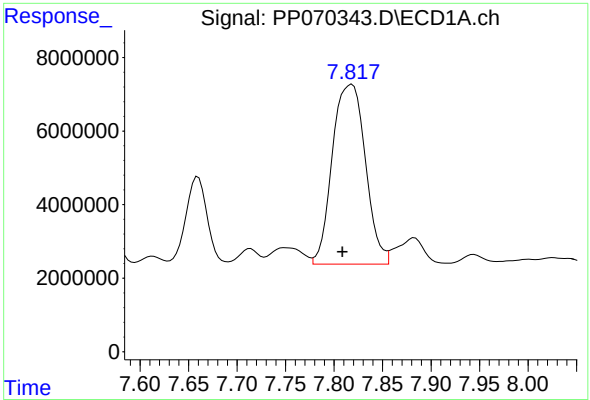

#29 AR-1254-4

R.T.: 7.390 min
Delta R.T.: -0.003 min
Response: 45119563
Conc: 605.54 ng/ml




#29 AR-1254-4

R.T.: 6.549 min
Delta R.T.: 0.011 min
Response: 12507190
Conc: 243.05 ng/ml



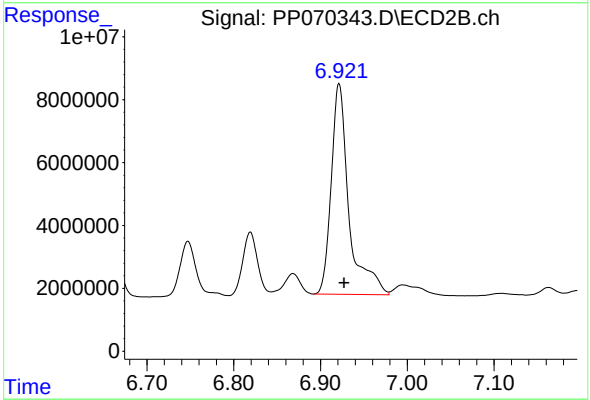

#30 AR-1254-5

R.T.: 7.818 min
Delta R.T.: 0.010 min
Response: 115899294
Conc: 1725.66 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL2

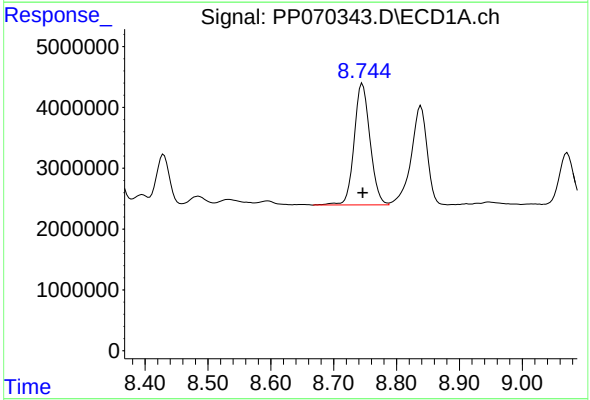
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



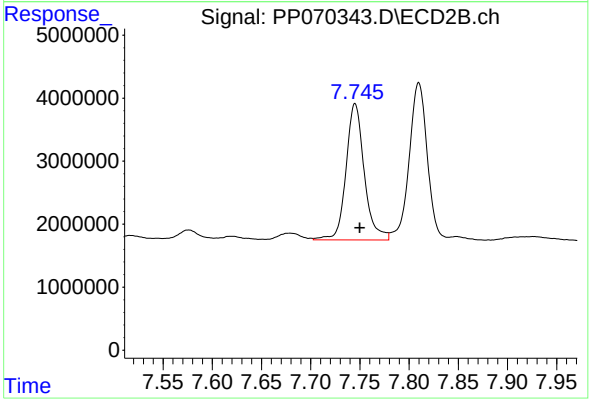

#30 AR-1254-5

R.T.: 6.921 min
Delta R.T.: -0.006 min
Response: 95407729
Conc: 1412.00 ng/ml



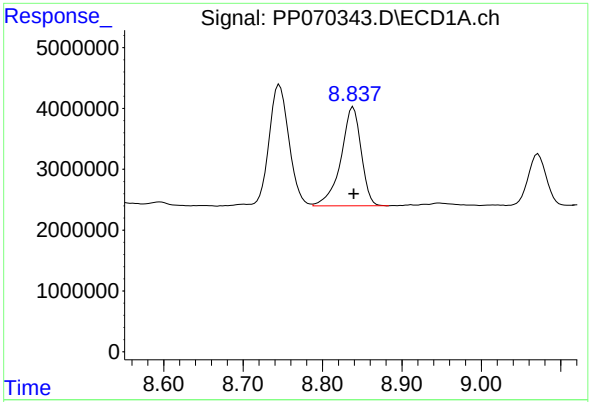

#41 AR-1268-1

R.T.: 8.746 min
Delta R.T.: 0.000 min
Response: 35059624
Conc: 182.51 ng/ml




#41 AR-1268-1

R.T.: 7.745 min
Delta R.T.: -0.005 min
Response: 27984511
Conc: 168.84 ng/ml



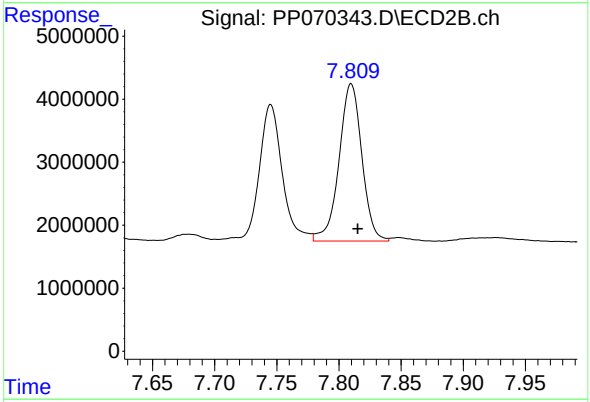

#42 AR-1268-2

R.T.: 8.839 min
Delta R.T.: 0.000 min
Response: 28769913
Conc: 173.75 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL2

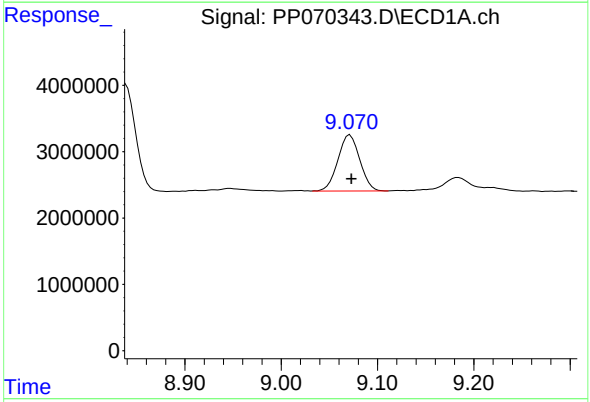
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



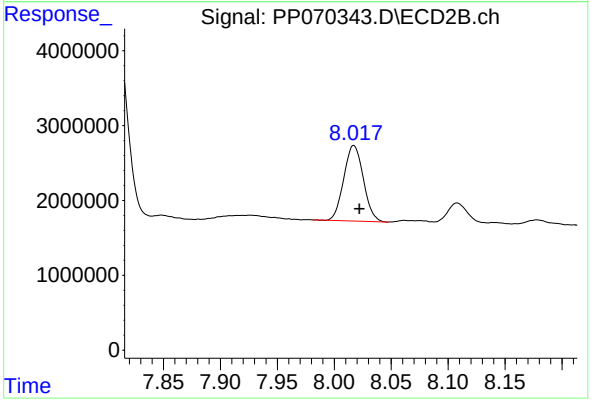

#42 AR-1268-2

R.T.: 7.810 min
Delta R.T.: -0.005 min
Response: 32003619
Conc: 220.65 ng/ml



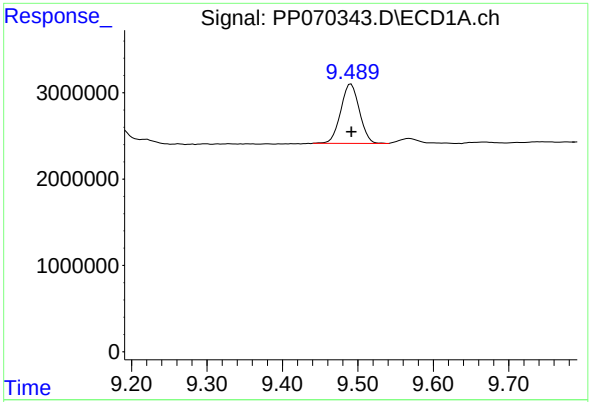

#43 AR-1268-3

R.T.: 9.071 min
Delta R.T.: -0.001 min
Response: 13322417
Conc: 92.84 ng/ml




#43 AR-1268-3

R.T.: 8.017 min
Delta R.T.: -0.005 min
Response: 12088790
Conc: 98.71 ng/ml



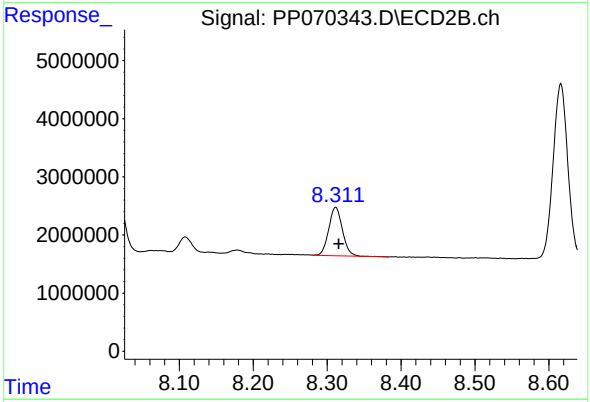

#44 AR-1268-4

R.T.: 9.491 min
Delta R.T.: 0.000 min
Response: 11832635
Conc: 187.67 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10BDL2

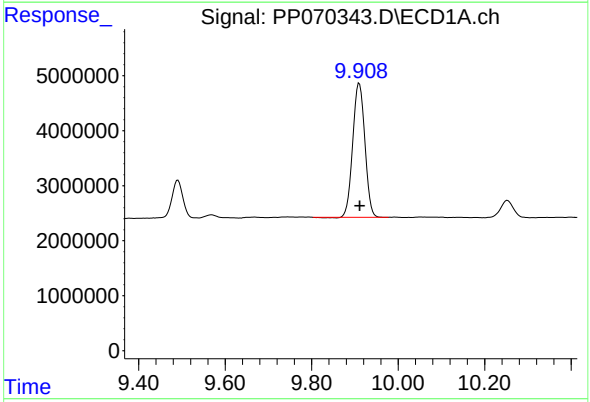
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



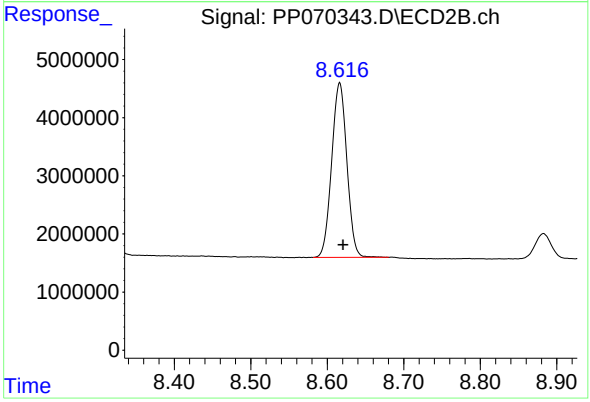

#44 AR-1268-4

R.T.: 8.312 min
Delta R.T.: -0.004 min
Response: 10794936
Conc: 202.97 ng/ml




#45 AR-1268-5

R.T.: 9.910 min
Delta R.T.: -0.001 min
Response: 47440603
Conc: 114.06 ng/ml




#45 AR-1268-5

R.T.: 8.616 min
Delta R.T.: -0.005 min
Response: 41350319
Conc: 116.41 ng/ml

Raw Data: **PP070329.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-10C | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-09 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 62.5 Decanted: |
| Sample Wt/Vol: | 30.08 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP070329.D | 1 | 03/06/25 11:40 | 03/06/25 22:14 | PB167022 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 5.40 | U | 5.40 | 27.1 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 10.2 | U | 10.2 | 27.1 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 5.40 | U | 5.40 | 27.1 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 5.40 | U | 5.40 | 27.1 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 12.6 | U | 12.6 | 27.1 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 161 | | 4.40 | 27.1 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 7.30 | U | 7.30 | 27.1 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 23.2 | J | 5.50 | 27.1 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 4.60 | U | 4.60 | 27.1 | ug/kg |
| Total PCBs | Total PCBs | 184 | | 9.90 | 27.1 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 24.2 | | 32 - 144 | 121% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 21.6 | | 32 - 175 | 108% | SPK: 20 |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >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

Quantitation Report (QT Reviewed)

Sample Results: **PP070329.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 22:14
Operator : YP\AJ
Sample : Q1436-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10C

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 06:03:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.526 | 3.831 | 35452629 | 21201141 | 24.156m | 22.176 |
| 2) | SA Decachlor... | 10.257 | 8.884 | 24634696 | 23014192 | 21.628 | 21.229 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.529 | 5.724 | 7766910 | 4723368 | 136.982 | 86.557 # |
| 27) | L6 AR-1254-2 | 6.745 | 5.873 | 11085504 | 7090567 | 126.423 | 145.461 |
| 28) | L6 AR-1254-3 | 7.109 | 6.277 | 15305682 | 15301596 | 171.730 | 201.824 |
| 29) | L6 AR-1254-4 | 7.392 | 6.506 | 12999850 | 9410707 | 174.469 | 182.874m |
| 30) | L6 AR-1254-5 | 7.826 | 6.923 | 60614339 | 52378102 | 902.505 | 775.177 |
| 41) | L9 AR-1268-1 | 8.749 | 7.748 | 9916766 | 9039796 | 51.625 | 54.539 |
| 42) | L9 AR-1268-2 | 8.840 | 7.812 | 7752397 | 9108132 | 46.818 | 62.797 # |
| 43) | L9 AR-1268-3 | 9.075 | 8.019 | 4414260 | 3794867 | 30.761 | 30.988 |
| 44) | L9 AR-1268-4 | 9.495 | 8.314 | 2735415 | 2175613 | 43.385 | 40.906 |
| 45) | L9 AR-1268-5 | 9.914 | 8.617 | 11210128 | 10279724 | 26.953 | 28.939 |

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

Sample Results: **PP070329.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 22:14
Operator : YP\AJ
Sample : Q1436-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

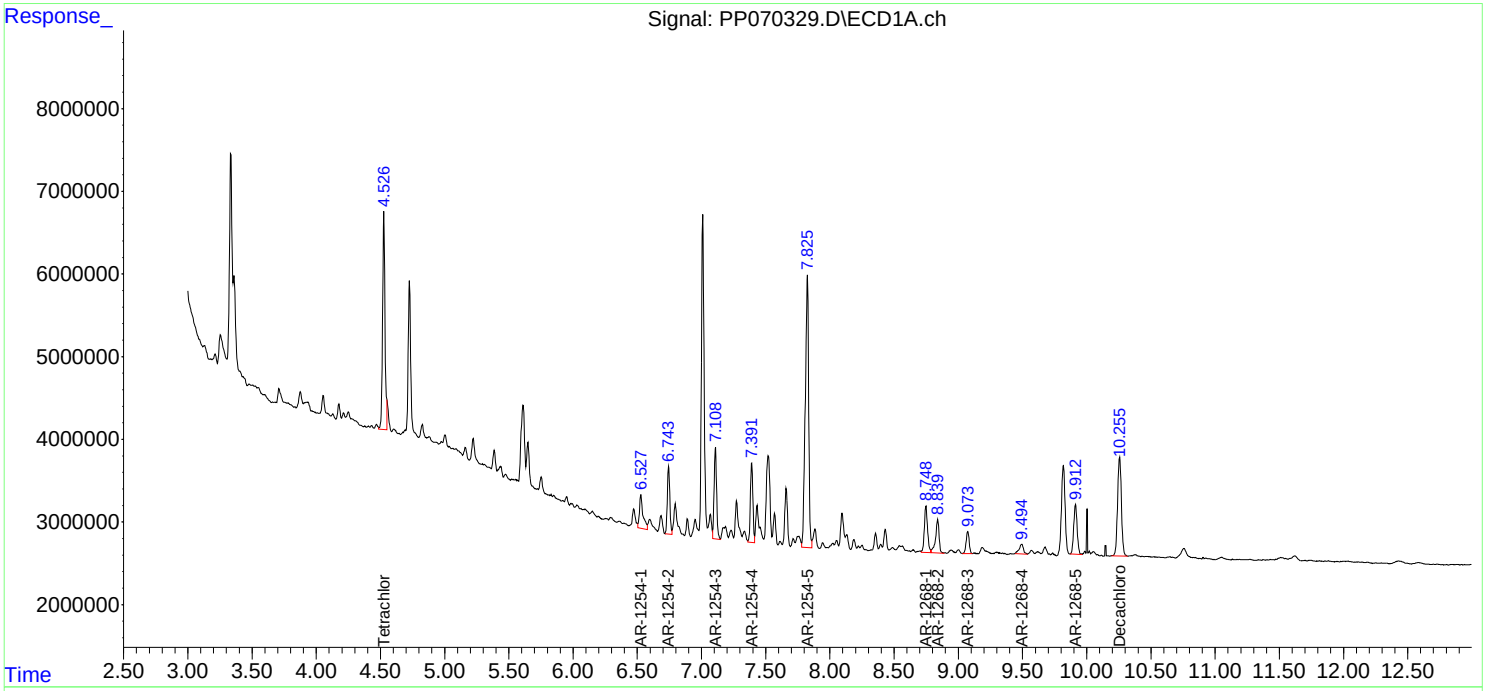
**Instrument :**
ECD_P
**ClientSampleId :**
K084-10C

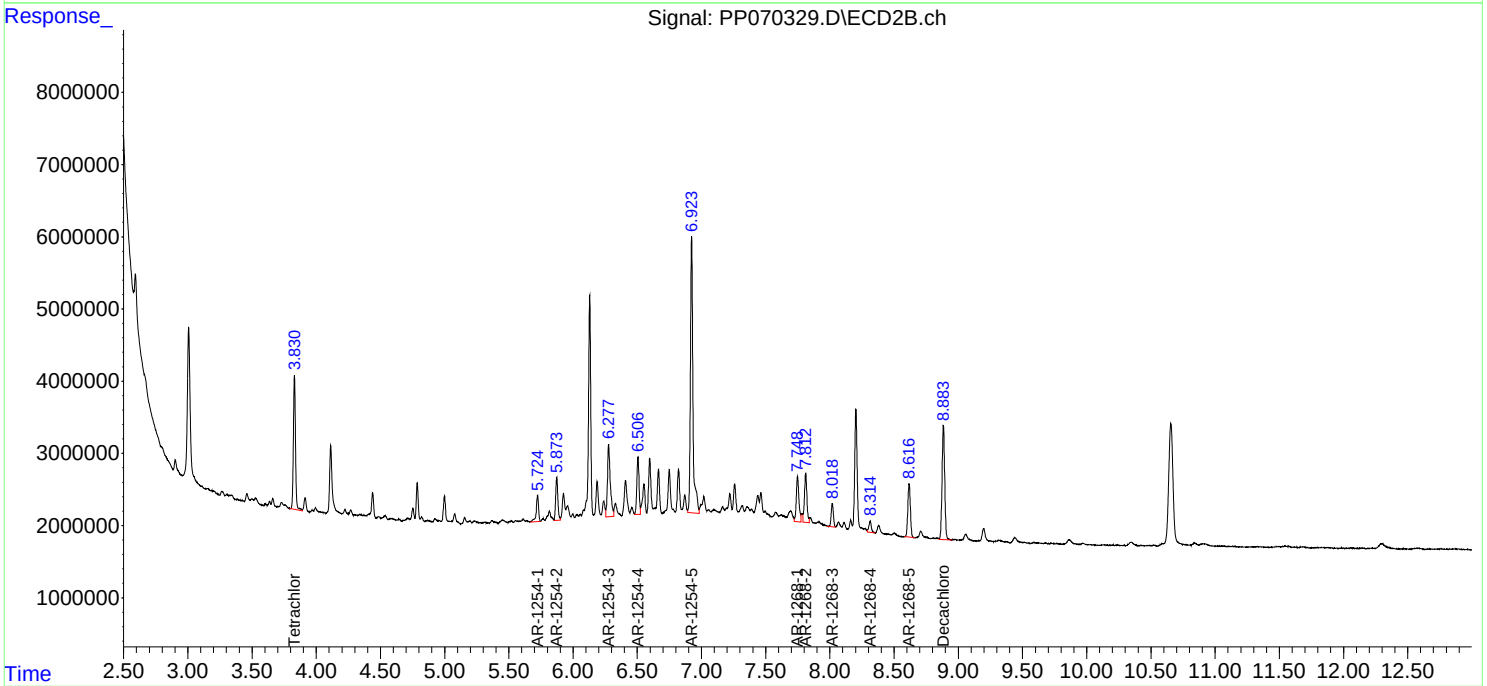
**Manual Integrations APPROVED**

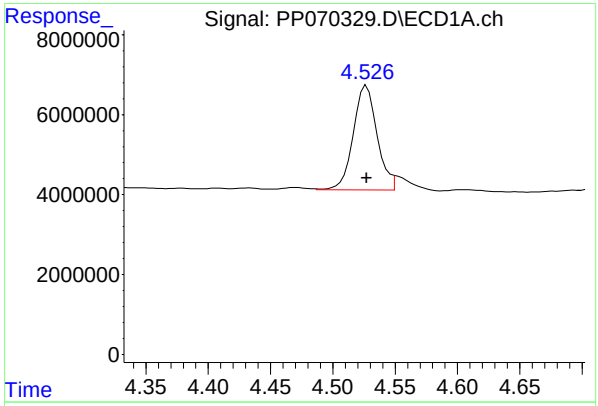
Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 06:03:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





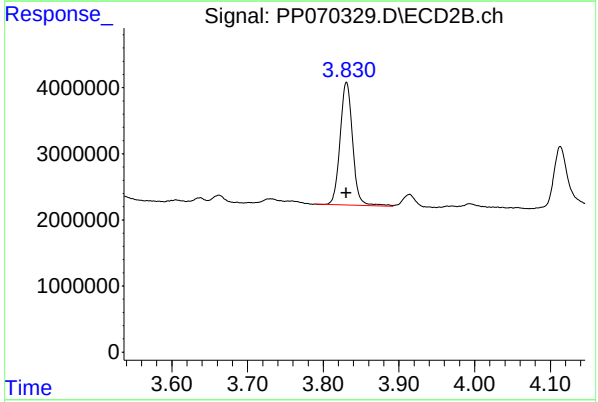

#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 35452629
Conc: 24.16 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10C

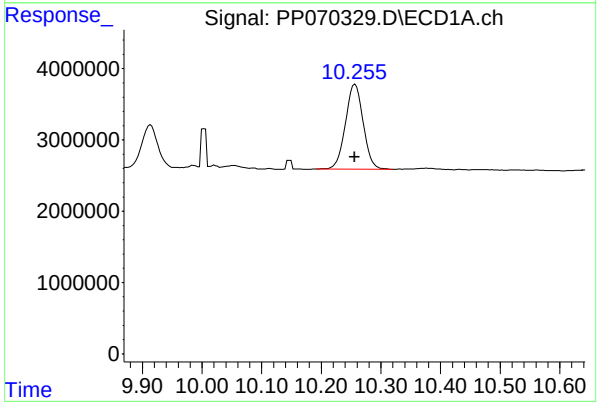
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



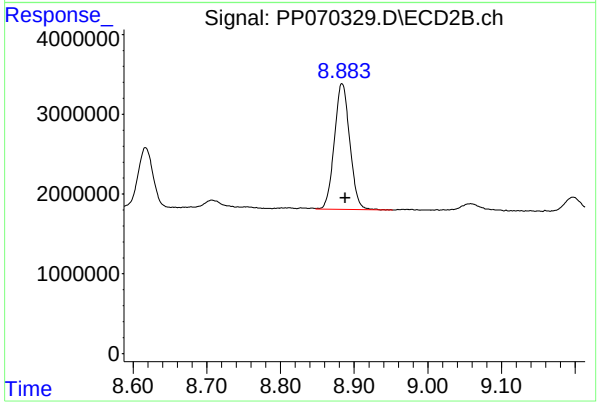

#1 Tetrachloro-m-xylene

R.T.: 3.831 min
Delta R.T.: 0.000 min
Response: 21201141
Conc: 22.18 ng/ml



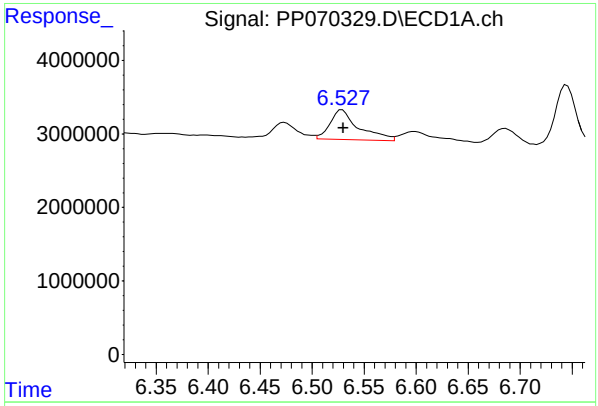

#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: 0.000 min
Response: 24634696
Conc: 21.63 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.884 min
Delta R.T.: -0.004 min
Response: 23014192
Conc: 21.23 ng/ml



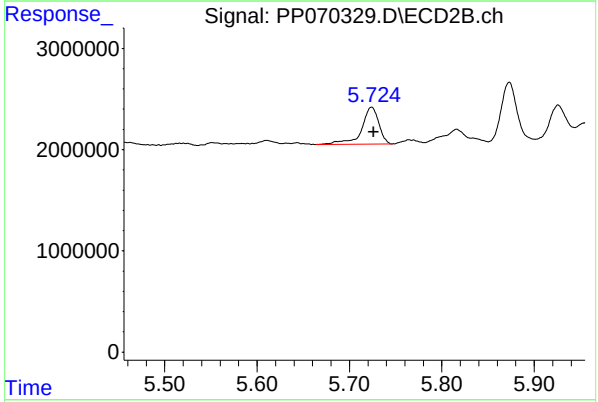

#26 AR-1254-1

R.T.: 6.529 min
Delta R.T.: -0.001 min
Response: 7766910
Conc: 136.98 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10C

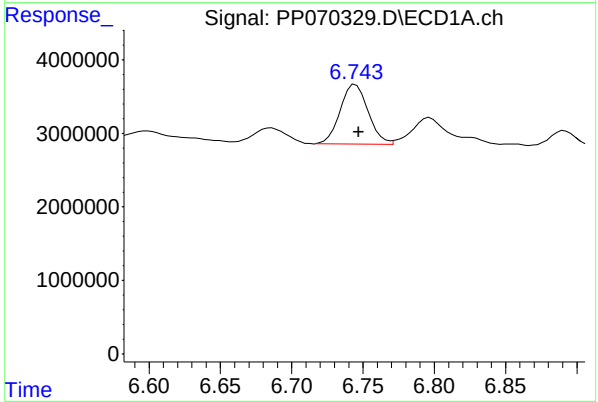
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



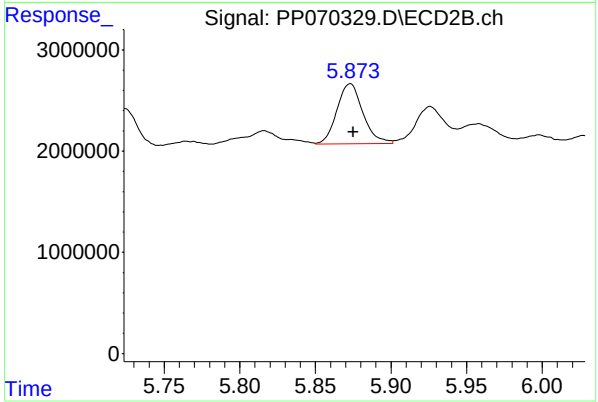

#26 AR-1254-1

R.T.: 5.724 min
Delta R.T.: -0.002 min
Response: 4723368
Conc: 86.56 ng/ml



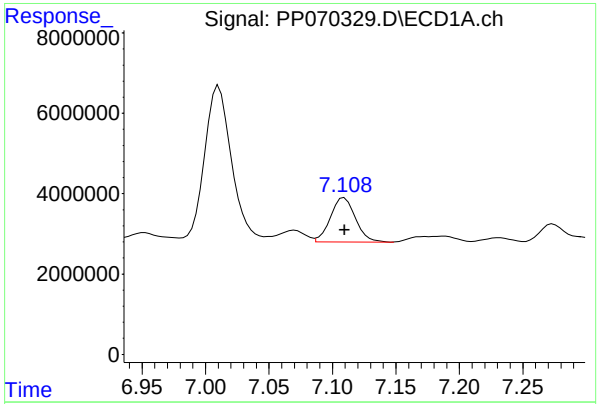

#27 AR-1254-2

R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 11085504
Conc: 126.42 ng/ml




#27 AR-1254-2

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 7090567
Conc: 145.46 ng/ml



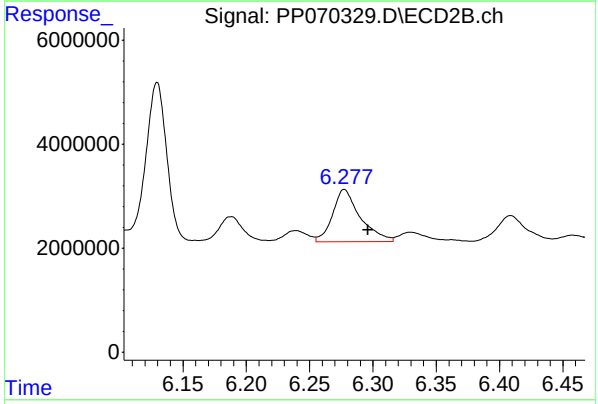

#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: 0.000 mi
Response: 15305682
Conc: 171.73 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10C

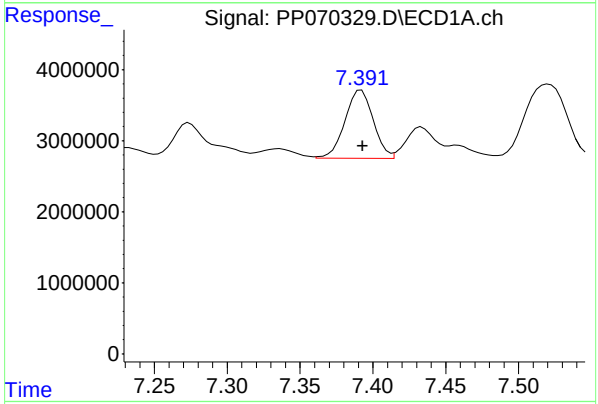
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



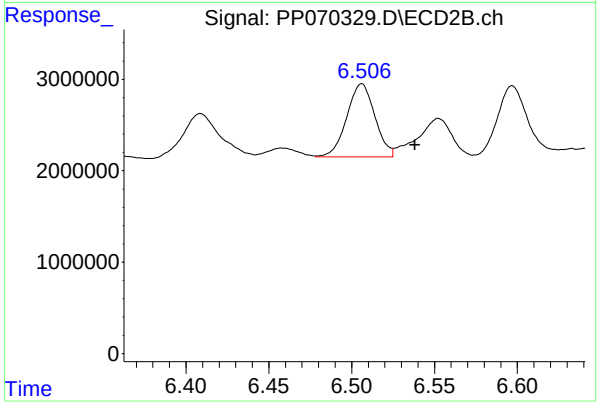

#28 AR-1254-3

R.T.: 6.277 min
Delta R.T.: -0.019 min
Response: 15301596
Conc: 201.82 ng/ml



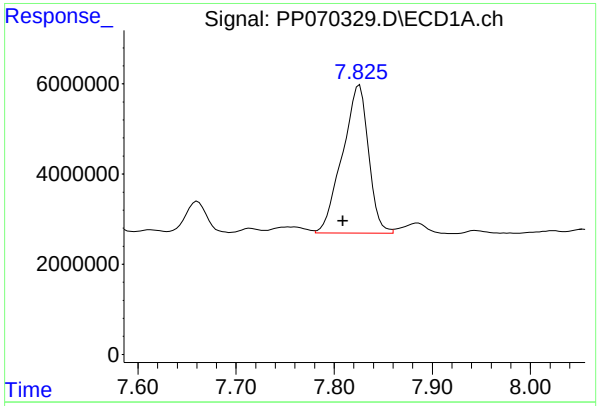

#29 AR-1254-4

R.T.: 7.392 min
Delta R.T.: -0.001 min
Response: 12999850
Conc: 174.47 ng/ml




#29 AR-1254-4

R.T.: 6.506 min
Delta R.T.: -0.032 min
Response: 9410707
Conc: 182.87 ng/ml m



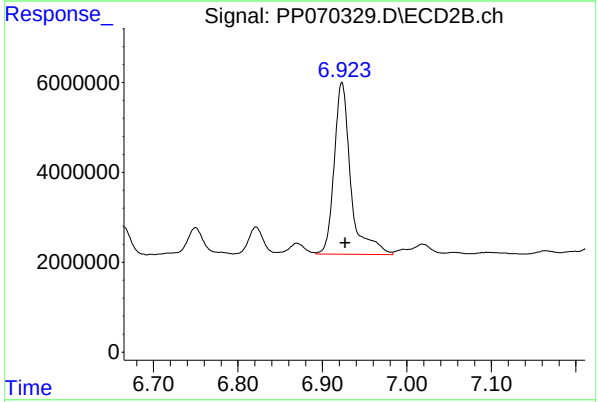

#30 AR-1254-5

R.T.: 7.826 min
Delta R.T.: 0.017 min
Response: 60614339
Conc: 902.51 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10C

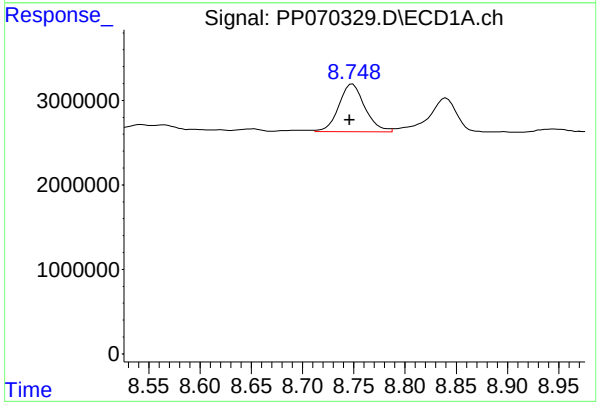
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



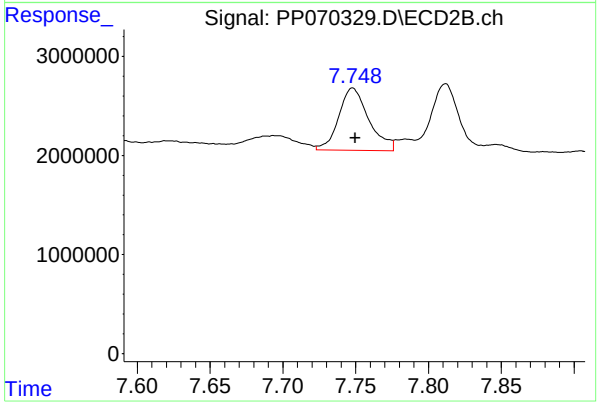

#30 AR-1254-5

R.T.: 6.923 min
Delta R.T.: -0.004 min
Response: 52378102
Conc: 775.18 ng/ml



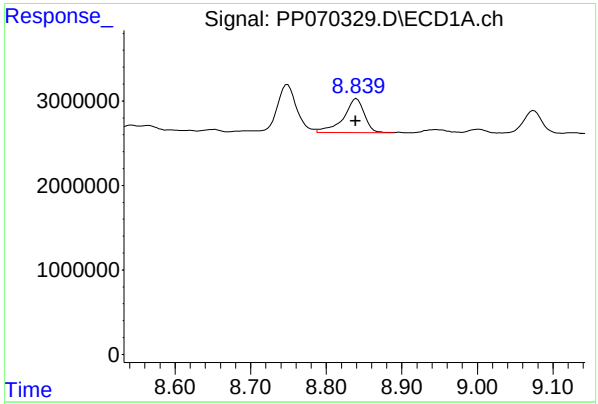

#41 AR-1268-1

R.T.: 8.749 min
Delta R.T.: 0.003 min
Response: 9916766
Conc: 51.62 ng/ml




#41 AR-1268-1

R.T.: 7.748 min
Delta R.T.: -0.002 min
Response: 9039796
Conc: 54.54 ng/ml



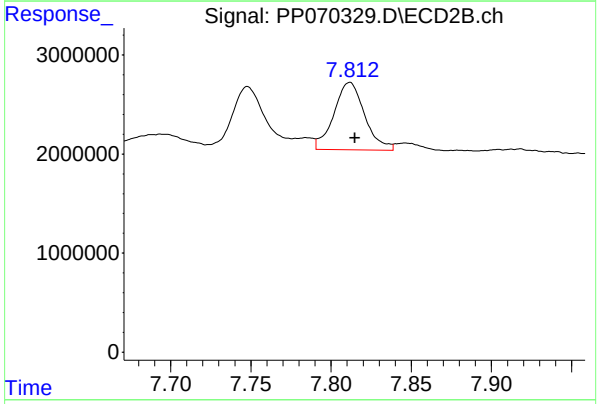

#42 AR-1268-2

R.T.: 8.840 min
Delta R.T.: 0.001 min
Response: 7752397
Conc: 46.82 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10C

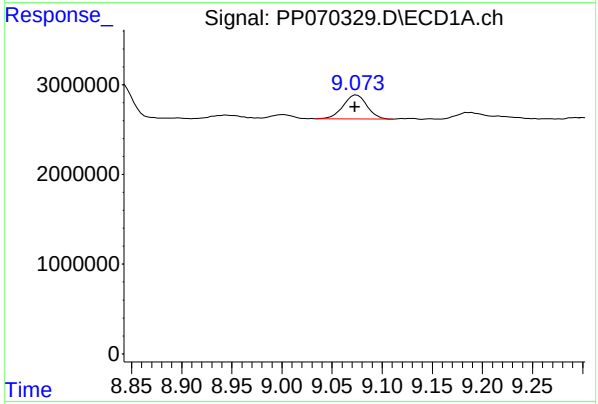
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



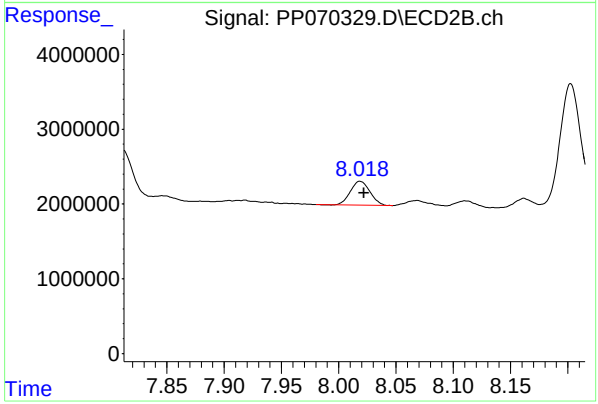

#42 AR-1268-2

R.T.: 7.812 min
Delta R.T.: -0.003 min
Response: 9108132
Conc: 62.80 ng/ml



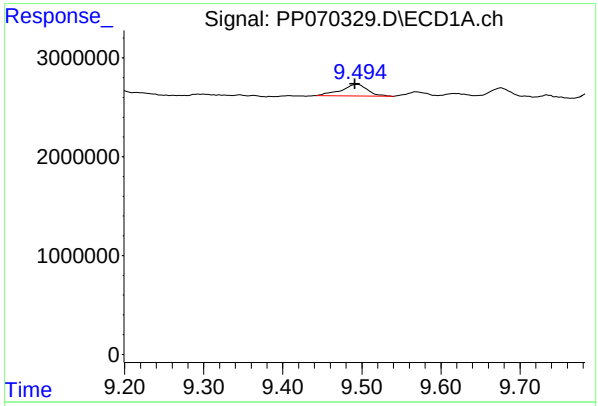

#43 AR-1268-3

R.T.: 9.075 min
Delta R.T.: 0.002 min
Response: 4414260
Conc: 30.76 ng/ml




#43 AR-1268-3

R.T.: 8.019 min
Delta R.T.: -0.003 min
Response: 3794867
Conc: 30.99 ng/ml



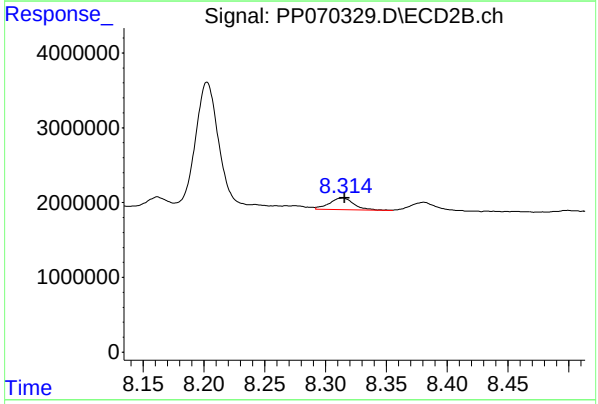

#44 AR-1268-4

R.T.: 9.495 min
Delta R.T.: 0.003 min
Response: 2735415
Conc: 43.39 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
K084-10C

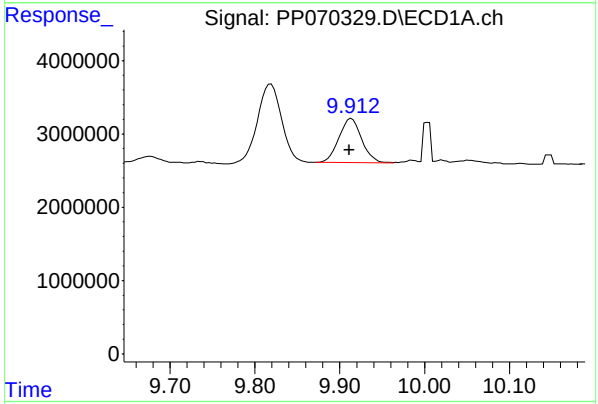
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



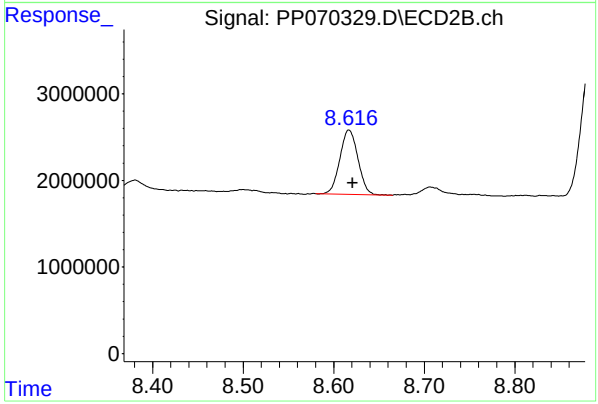

#44 AR-1268-4

R.T.: 8.314 min
Delta R.T.: -0.002 min
Response: 2175613
Conc: 40.91 ng/ml




#45 AR-1268-5

R.T.: 9.914 min
Delta R.T.: 0.002 min
Response: 11210128
Conc: 26.95 ng/ml




#45 AR-1268-5

R.T.: 8.617 min
Delta R.T.: -0.004 min
Response: 10279724
Conc: 28.94 ng/ml

Raw Data: **PO109571.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-11A | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-10 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 90.2 Decanted: |
| Sample Wt/Vol: | 30.07 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109571.D | 1 | 02/27/25 09:15 | 02/28/25 07:00 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 3.70 | U | 3.70 | 18.8 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 7.10 | U | 7.10 | 18.8 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 3.80 | U | 3.80 | 18.8 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 3.70 | U | 3.70 | 18.8 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 8.70 | U | 8.70 | 18.8 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 17000 | EP | 3.00 | 18.8 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 5.10 | U | 5.10 | 18.8 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 751 | E | 3.80 | 18.8 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 3.20 | U | 3.20 | 18.8 | ug/kg |
| Total PCBs | Total PCBs | 18000 | EP | 6.80 | 18.8 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 25.3 | | 32 - 144 | 126% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 70.7 | * | 32 - 175 | 354% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109571.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 07:00
Operator : YP/AJ
Sample : Q1436-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 09:33:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.694 | 223.1E6 | 132.4E6 | 23.566 | 25.295 |
| 2) | SA Decachlor... | 8.755 | 8.706 | 543.1E6 | 225.2E6 | 63.133 | 70.728 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.601 | 5.580 | 10840.1E6 | 6339.3E6 | 21023.892 | 24238.454 |
| 27) | L6 AR-1254-2 | 5.747 | 5.728 | 10788.1E6 | 7292.4E6 | 23953.548 | 31089.484 # |
| 28) | L6 AR-1254-3 | 6.154 | 6.131 | 21501.4E6 | 14602.5E6 | 30031.824 | 40937.327 # |
| 29) | L6 AR-1254-4 | 6.382 | 6.359 | 14728.7E6 | 9278.7E6 | 35169.438 | 48045.647 # |
| 30) | L6 AR-1254-5 | 6.804 | 6.777 | 33082.8E6 | 25794.8E6 | 53025.558 | 86929.632 # |
| 41) | L9 AR-1268-1 | 7.632 | 7.599 | 1882.3E6 | 861.1E6 | 1421.417 | 1506.937 |
| 42) | L9 AR-1268-2 | 7.694 | 7.661 | 4578.5E6 | 2178.6E6 | 3786.676 | 4150.102 |
| 43) | L9 AR-1268-3 | 7.905 | 7.871 | 1317.1E6 | 615.1E6 | 1293.604 | 1436.979 |
| 44) | L9 AR-1268-4 | 8.194 | 8.156 | 587.6E6 | 259.7E6 | 1382.973 | 1609.856 |
| 45) | L9 AR-1268-5 | 8.492 | 8.450 | 4007.5E6 | 1611.6E6 | 1327.144 | 1474.241 |

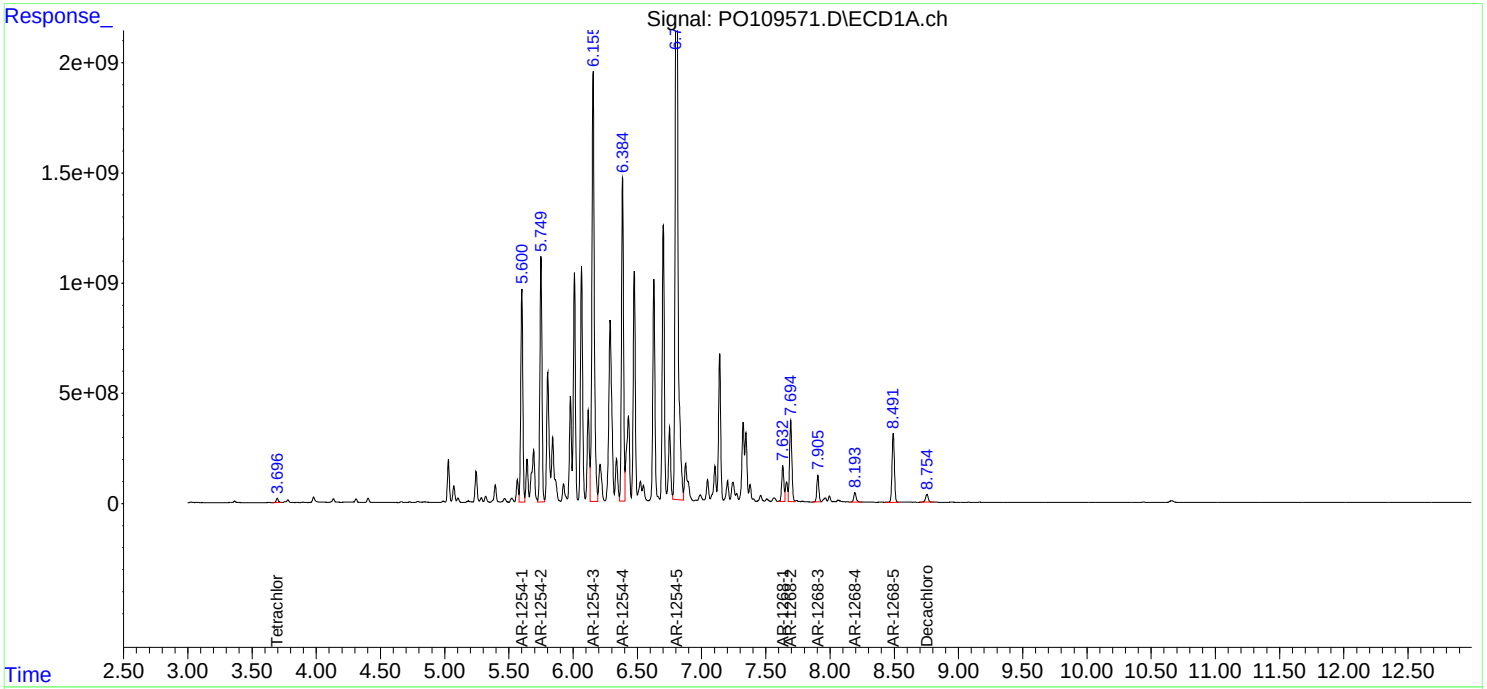
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

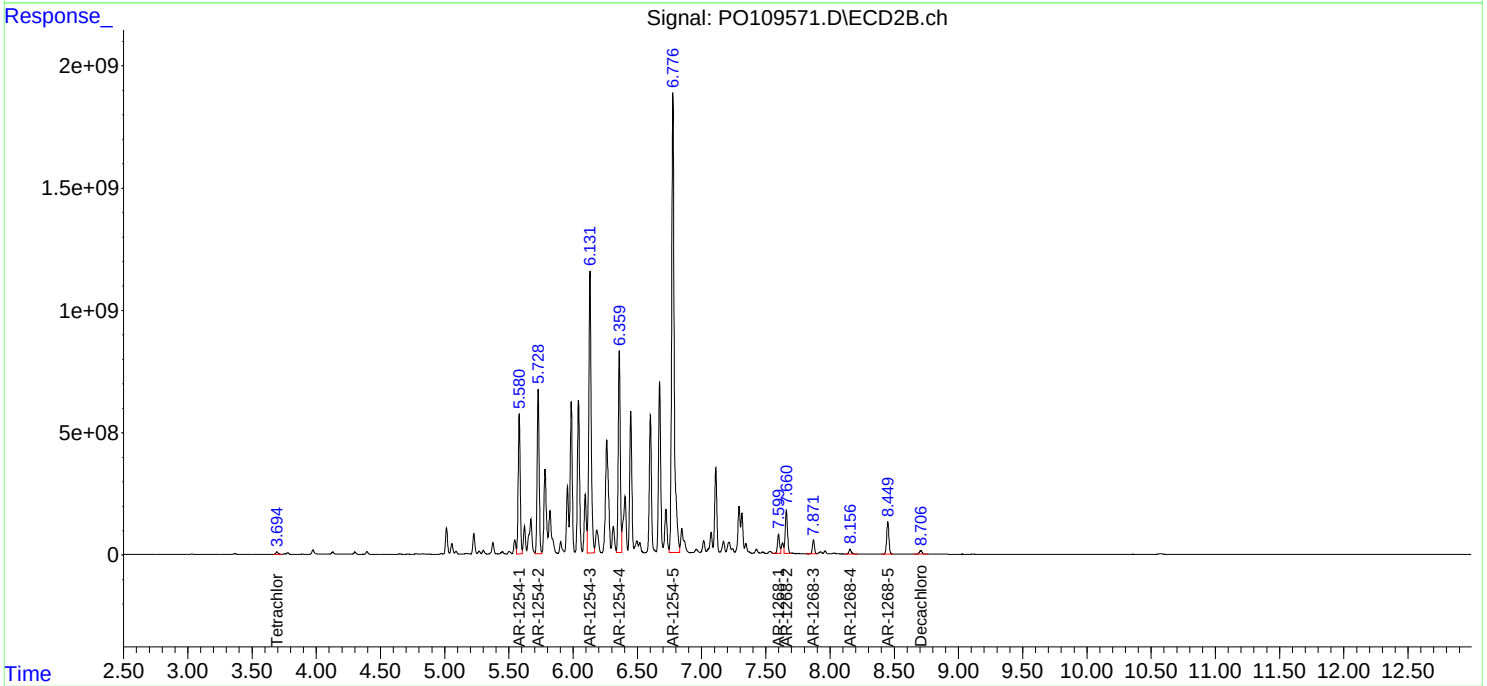
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 07:00
Operator : YP/AJ
Sample : Q1436-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

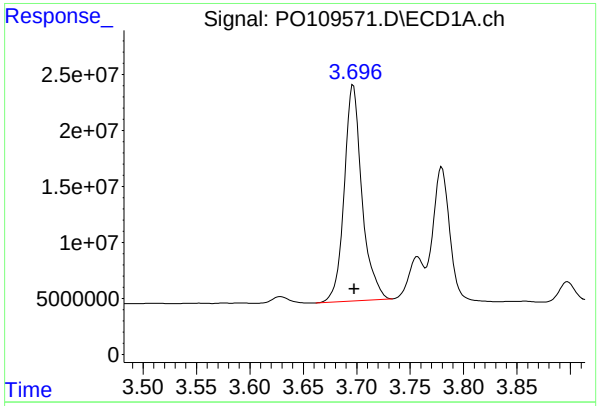
**Instrument :**
ECD_O
**ClientSampleId :**
K084-11A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 09:33:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



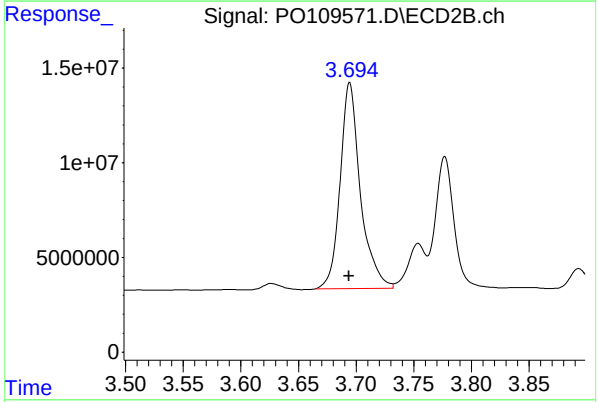






#1 Tetrachloro-m-xylene

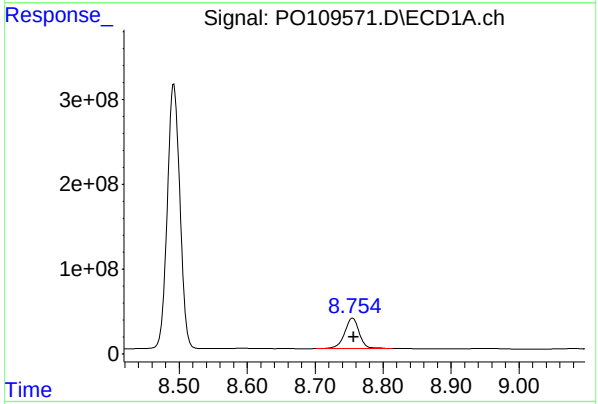
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 223058597
Conc: 23.57 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11A



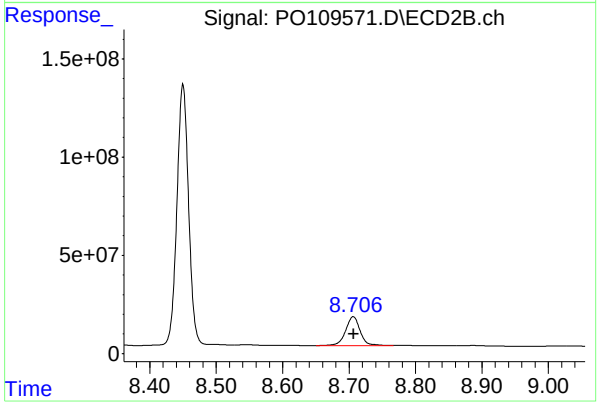

#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 132397343
Conc: 25.29 ng/ml



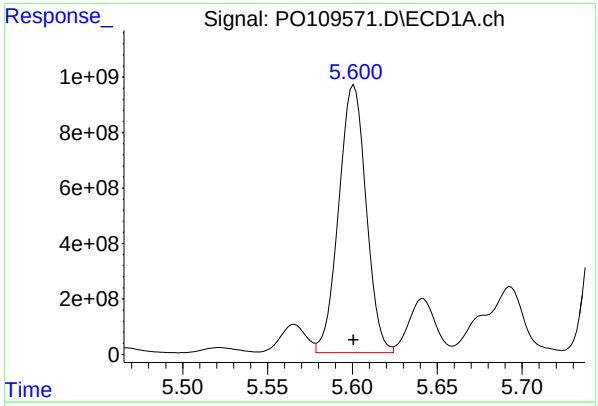

#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 543060096
Conc: 63.13 ng/ml




#2 Decachlorobiphenyl

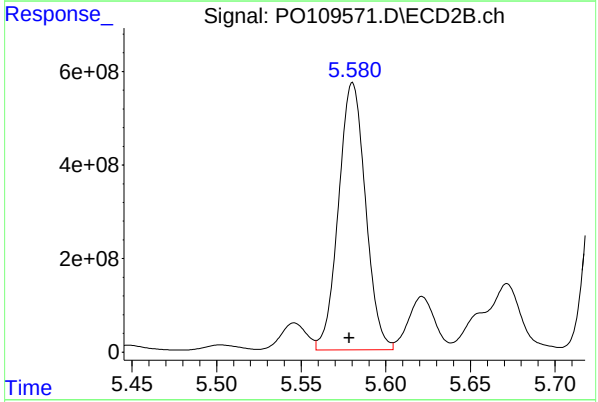
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 225217266
Conc: 70.73 ng/ml




#26 AR-1254-1

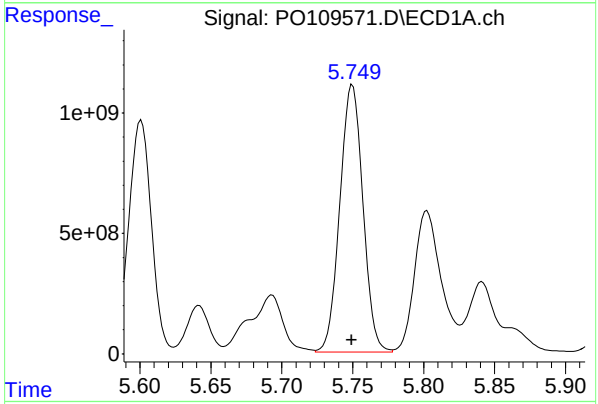
R.T.: 5.601 min
Delta R.T.: 0.000 mi
Response: 10840059133
Conc: 21023.89 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11A



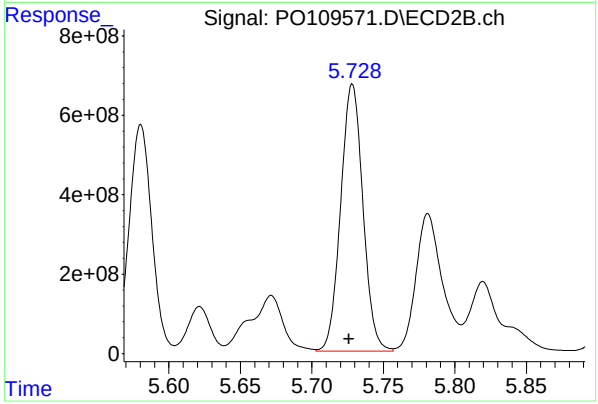

#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.002 min
Response: 6339284656
Conc: 24238.45 ng/ml



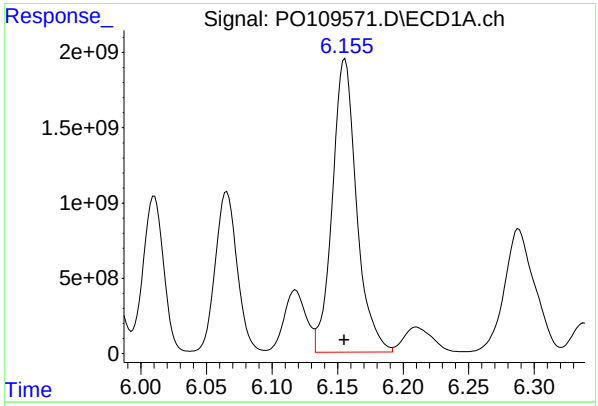

#27 AR-1254-2

R.T.: 5.747 min
Delta R.T.: -0.002 min
Response: 10788068134
Conc: 23953.55 ng/ml




#27 AR-1254-2

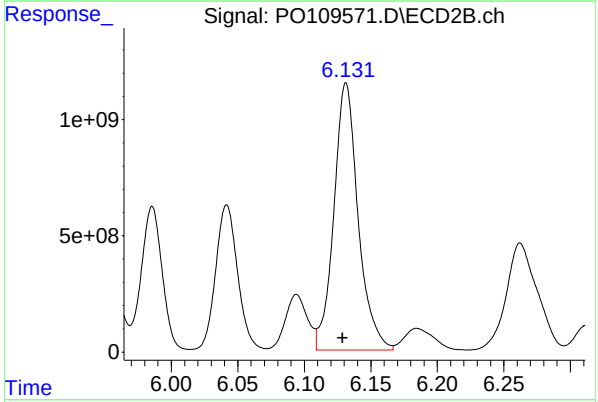
R.T.: 5.728 min
Delta R.T.: 0.002 min
Response: 7292394367
Conc: 31089.48 ng/ml




#28 AR-1254-3

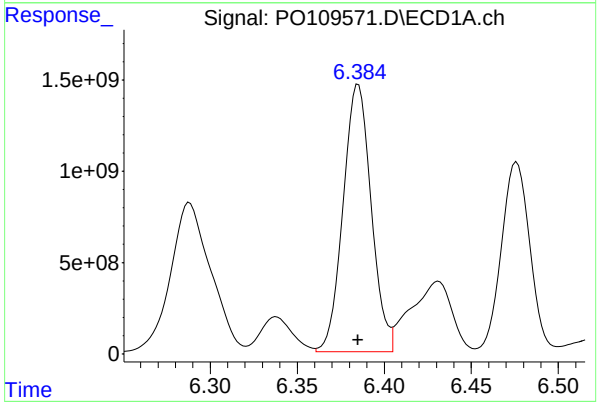
R.T.: 6.154 min
Delta R.T.: -0.002 mi
Response: 21501446692
Conc: 30031.82 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11A



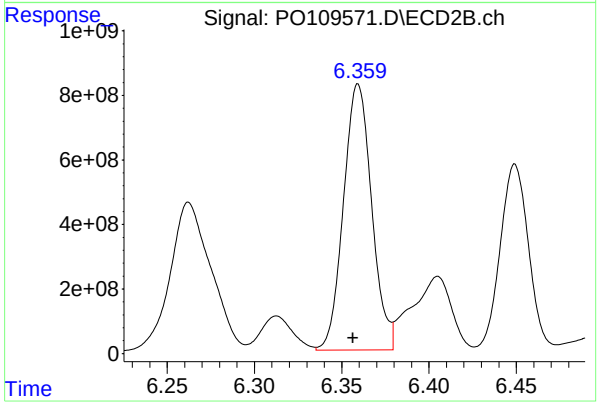

#28 AR-1254-3

R.T.: 6.131 min
Delta R.T.: 0.002 min
Response: 14602531589
Conc: 40937.33 ng/ml



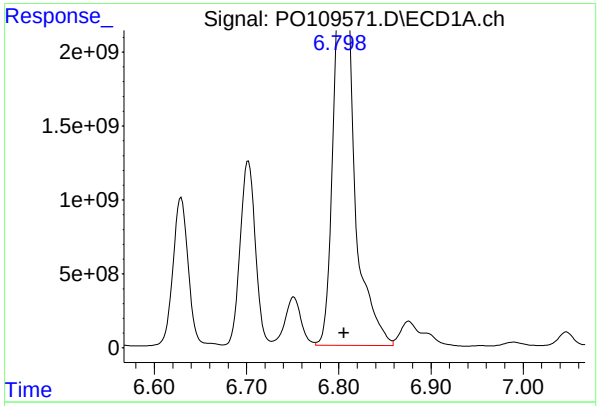

#29 AR-1254-4

R.T.: 6.382 min
Delta R.T.: -0.003 min
Response: 14728661893
Conc: 35169.44 ng/ml




#29 AR-1254-4

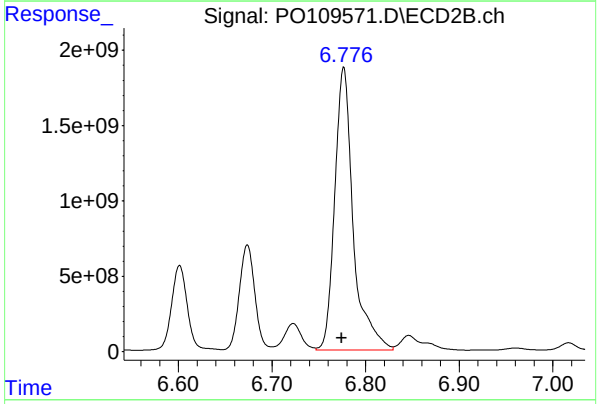
R.T.: 6.359 min
Delta R.T.: 0.003 min
Response: 9278738893
Conc: 48045.65 ng/ml




#30 AR-1254-5

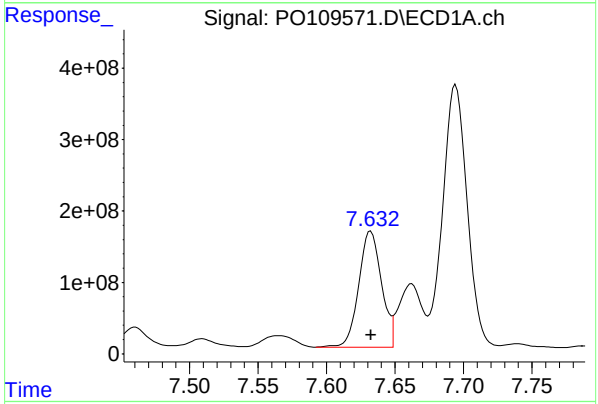
R.T.: 6.804 min
Delta R.T.: -0.002 mi
Response: 33082802212
Conc: 53025.56 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11A



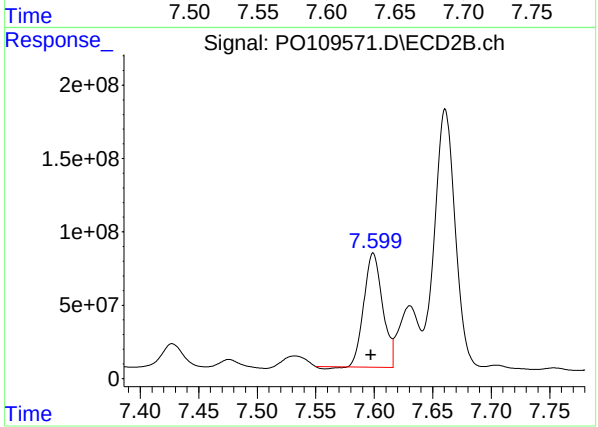

#30 AR-1254-5

R.T.: 6.777 min
Delta R.T.: 0.002 min
Response: 25794824253
Conc: 86929.63 ng/ml



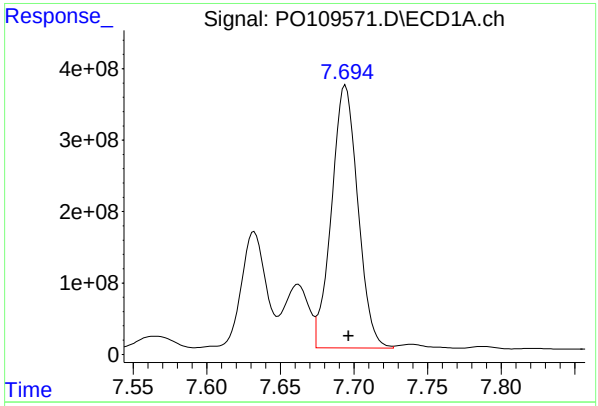

#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 1882266107
Conc: 1421.42 ng/ml




#41 AR-1268-1

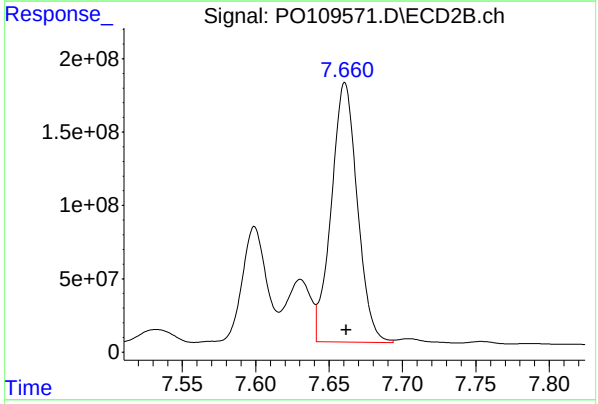
R.T.: 7.599 min
Delta R.T.: 0.002 min
Response: 861082468
Conc: 1506.94 ng/ml




#42 AR-1268-2

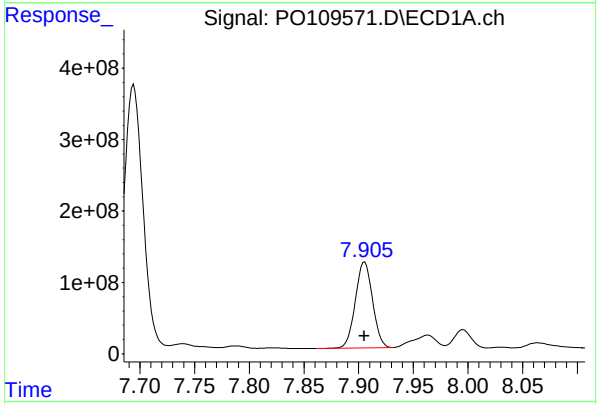
R.T.: 7.694 min
Delta R.T.: -0.002 mi
Response: 4578494237
Conc: 3786.68 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11A



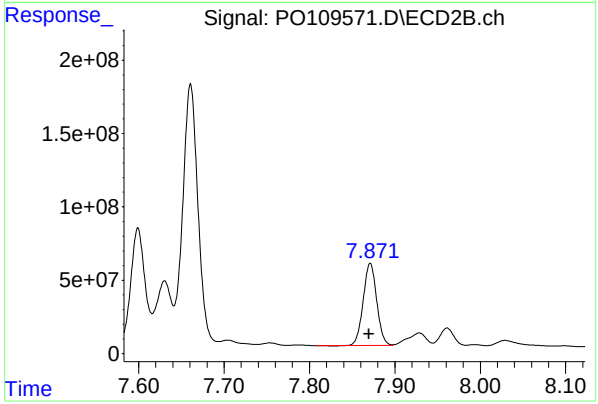

#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 2178570232
Conc: 4150.10 ng/ml



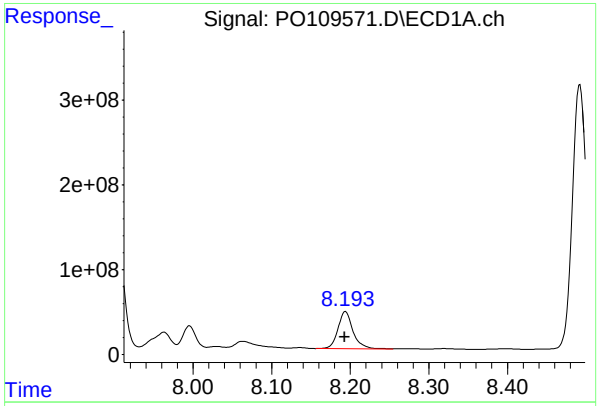

#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 1317118766
Conc: 1293.60 ng/ml




#43 AR-1268-3

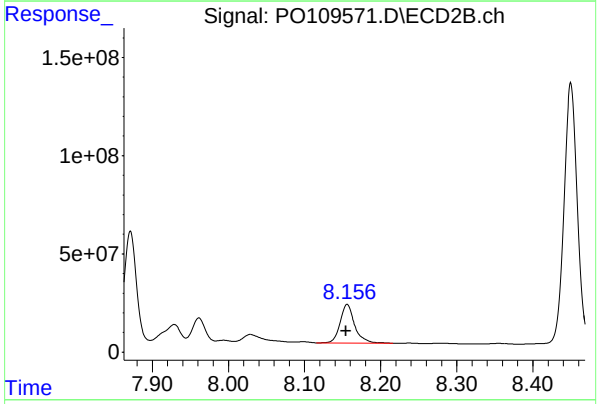
R.T.: 7.871 min
Delta R.T.: 0.002 min
Response: 615089756
Conc: 1436.98 ng/ml




#44 AR-1268-4

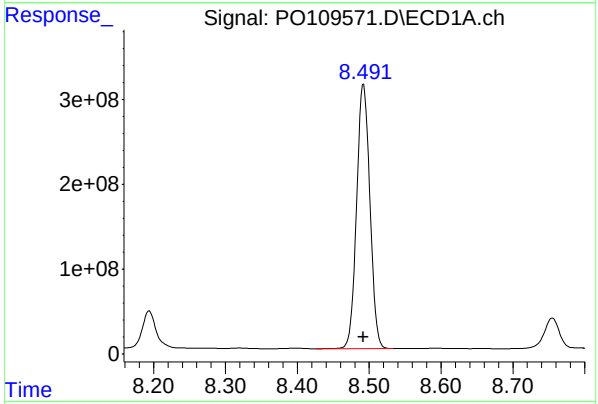
R.T.: 8.194 min
Delta R.T.: 0.001 mi
Response: 587568011
Conc: 1382.97 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11A



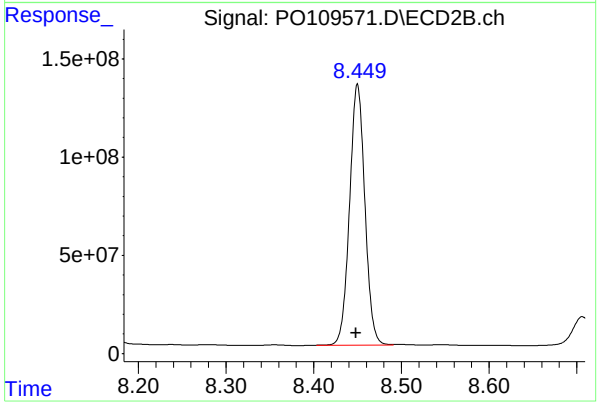

#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: 0.002 min
Response: 259726169
Conc: 1609.86 ng/ml




#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 4007512228
Conc: 1327.14 ng/ml




#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: 0.002 min
Response: 1611558399
Conc: 1474.24 ng/ml

Raw Data: **PO109613.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-11ADL | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-10DL | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 90.2 Decanted: |
| Sample Wt/Vol: | 30.07 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109613.D | 5 | 02/27/25 09:15 | 02/28/25 22:44 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 18.7 | UD | 18.7 | 94.0 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 35.4 | UD | 35.4 | 94.0 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 18.8 | UD | 18.8 | 94.0 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 18.7 | UD | 18.7 | 94.0 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 43.6 | UD | 43.6 | 94.0 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 19000 | ED | 15.1 | 94.0 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 25.3 | UD | 25.3 | 94.0 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 889 | D | 19.0 | 94.0 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 16.1 | UD | 16.1 | 94.0 | ug/kg |
| Total PCBs | Total PCBs | 20000 | ED | 34.1 | 94.0 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 28.6 | | 32 - 144 | 143% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 91.8 | * | 32 - 175 | 459% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109613.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 22:44
Operator : YP/AJ
Sample : Q1436-10DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:33:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.694 | 54047374 | 28992094 | 5.710m | 5.539 |
| 2) | SA Decachlor... | 8.755 | 8.705 | 141.8E6 | 58419780 | 16.488 | 18.346 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.600 | 5.579 | 2631.8E6 | 1418.5E6 | 5104.361 | 5423.853 |
| 27) | L6 AR-1254-2 | 5.750 | 5.727 | 3055.1E6 | 1642.1E6 | 6783.478 | 7000.862 |
| 28) | L6 AR-1254-3 | 6.156 | 6.131 | 6261.2E6 | 3336.2E6 | 8745.281 | 9352.850 |
| 29) | L6 AR-1254-4 | 6.384 | 6.358 | 3978.0E6 | 2025.9E6 | 9498.848 | 10490.075 |
| 30) | L6 AR-1254-5 | 6.805 | 6.775 | 11547.0E6 | 5975.4E6 | 18507.697 | 20137.471 |
| 41) | L9 AR-1268-1 | 7.632 | 7.598 | 460.6E6 | 209.3E6 | 347.856 | 366.302 |
| 42) | L9 AR-1268-2 | 7.694 | 7.660 | 1074.9E6 | 494.9E6 | 889.004 | 942.749 |
| 43) | L9 AR-1268-3 | 7.906 | 7.871 | 327.6E6 | 149.0E6 | 321.744 | 348.110 |
| 44) | L9 AR-1268-4 | 8.194 | 8.156 | 155.4E6 | 66254389 | 365.722 | 410.663 |
| 45) | L9 AR-1268-5 | 8.492 | 8.449 | 937.5E6 | 376.1E6 | 310.458 | 344.040 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 22:44
Operator : YP/AJ
Sample : Q1436-10DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

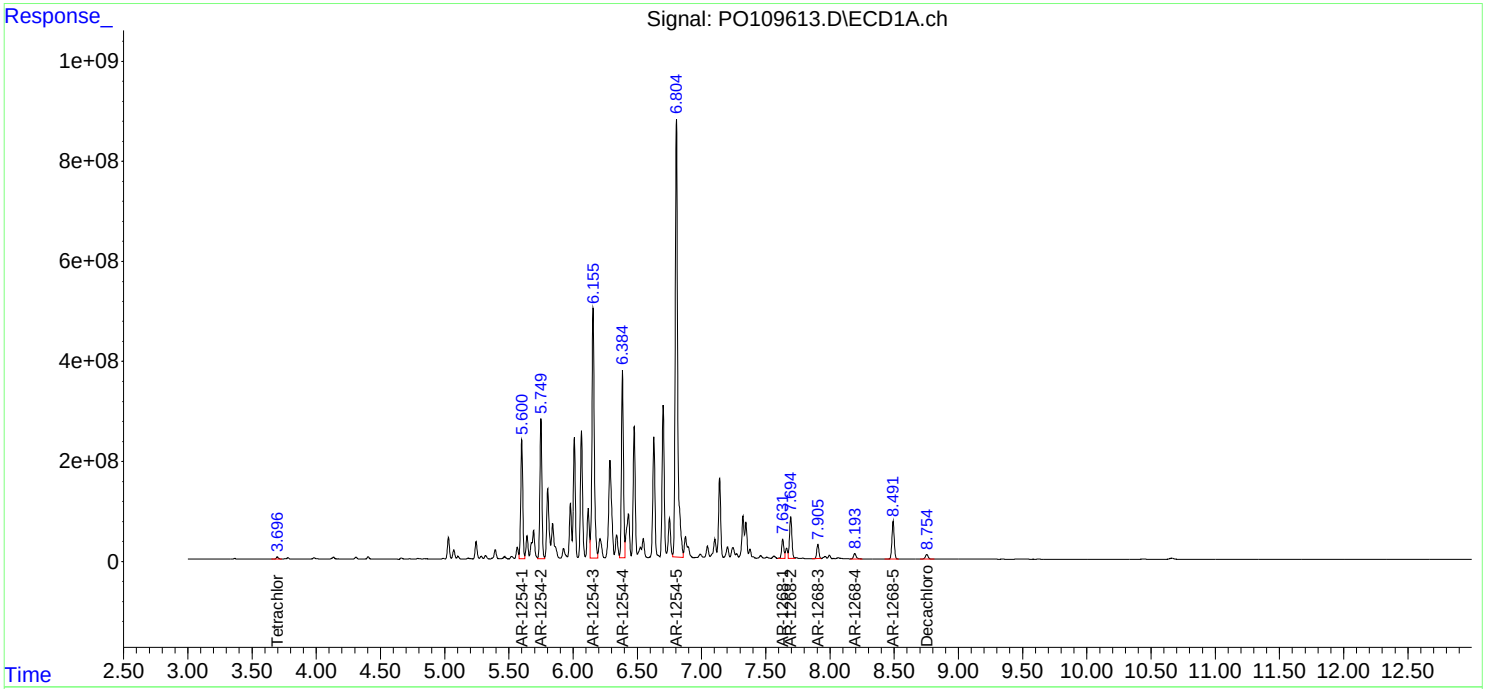
**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL

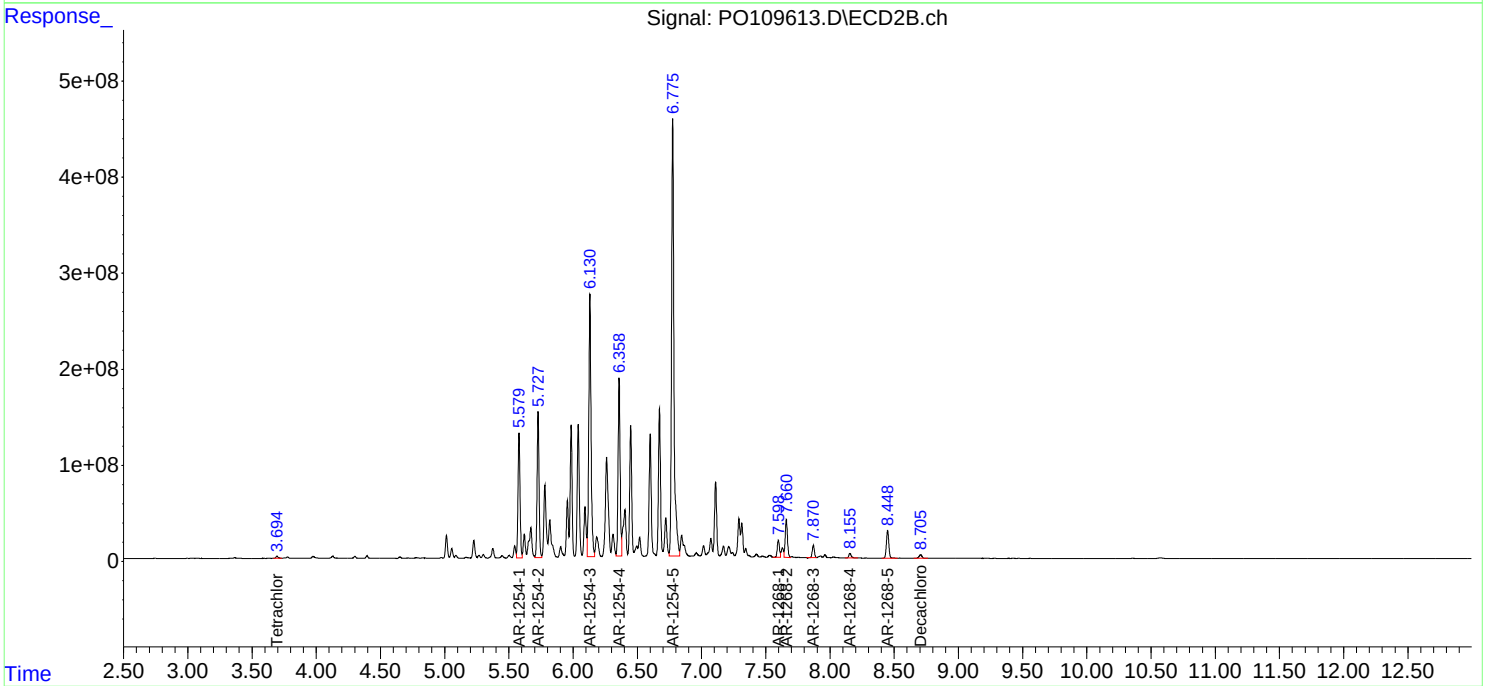
**Manual Integrations APPROVED**

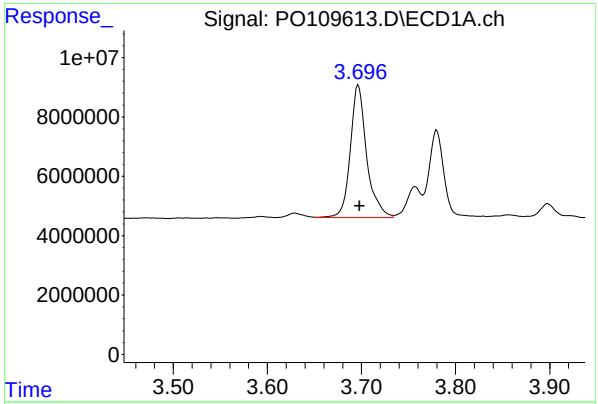
Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:33:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





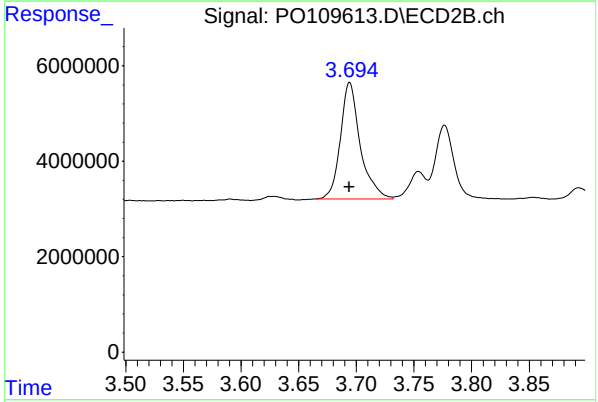

#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 54047374
Conc: 5.71 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL

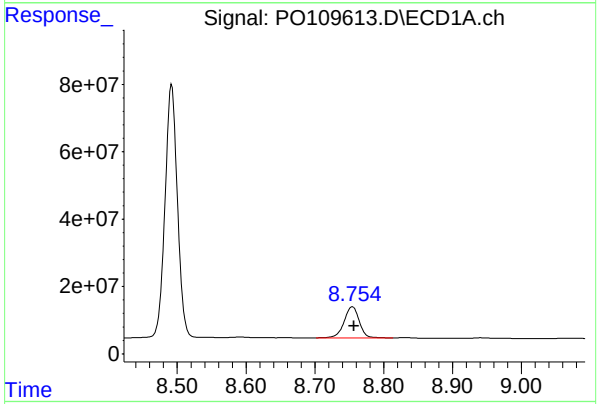
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



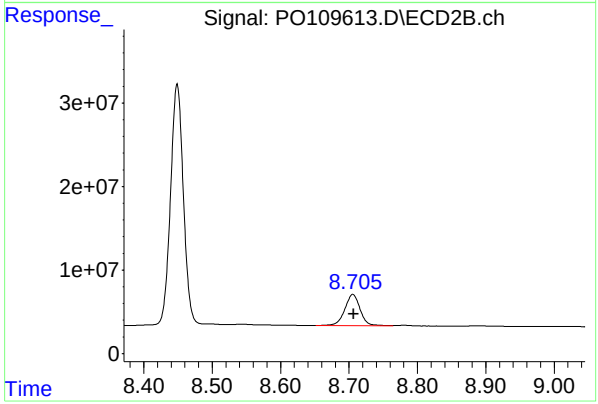

#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 28992094
Conc: 5.54 ng/ml



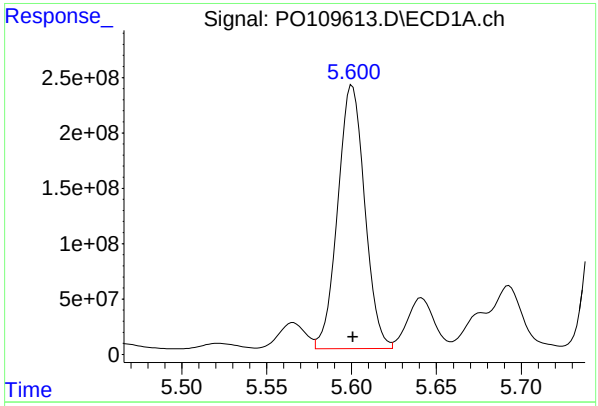

#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 141826233
Conc: 16.49 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.001 min
Response: 58419780
Conc: 18.35 ng/ml



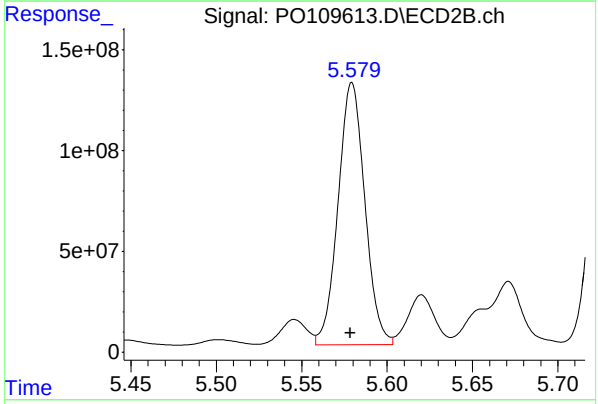

#26 AR-1254-1

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 2631842752
Conc: 5104.36 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL

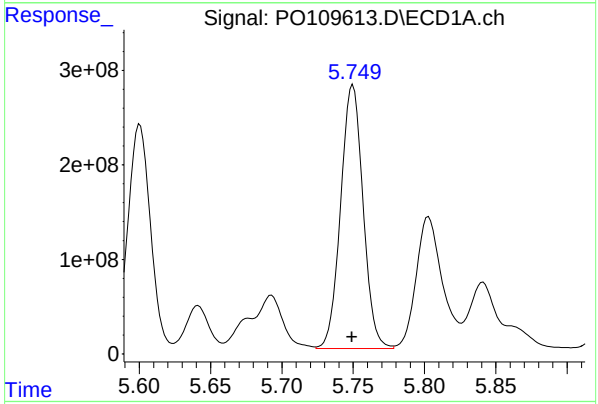
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



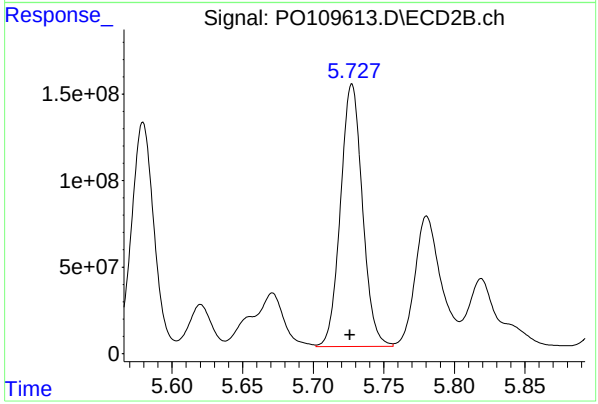

#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 1418545340
Conc: 5423.85 ng/ml



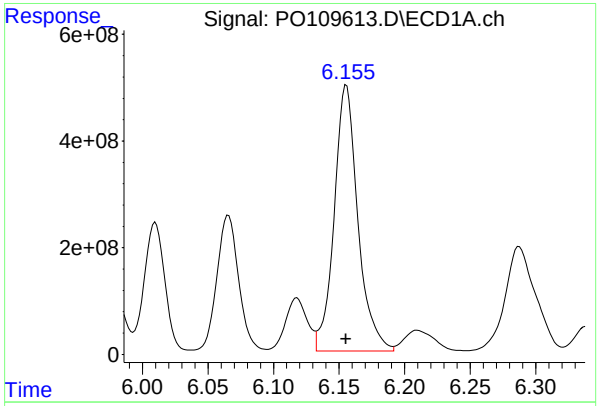

#27 AR-1254-2

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 3055105538
Conc: 6783.48 ng/ml




#27 AR-1254-2

R.T.: 5.727 min
Delta R.T.: 0.001 min
Response: 1642132234
Conc: 7000.86 ng/ml



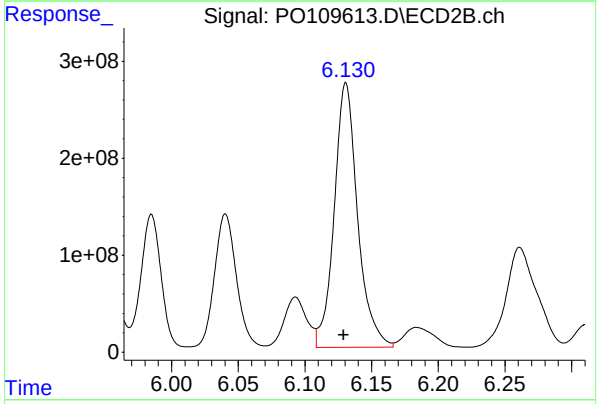

#28 AR-1254-3

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 6261231040
Conc: 8745.28 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL

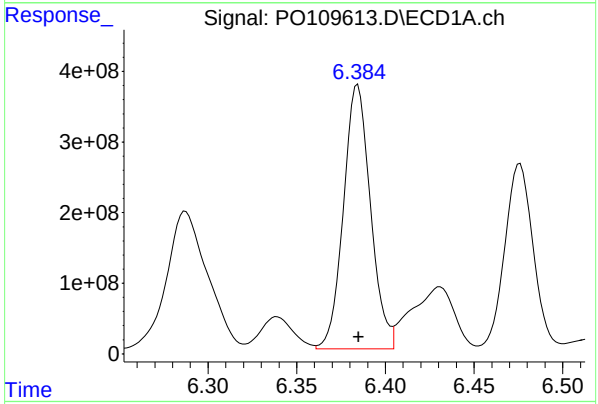
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



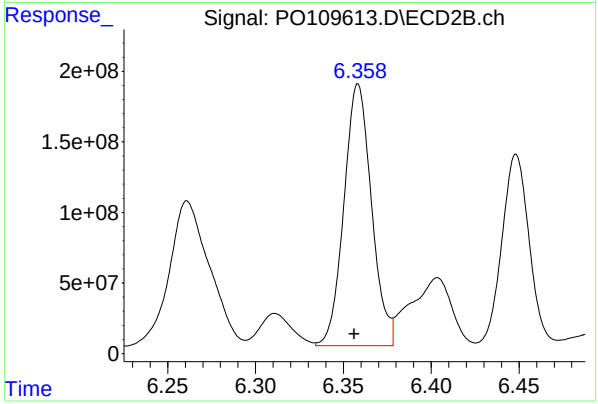

#28 AR-1254-3

R.T.: 6.131 min
Delta R.T.: 0.002 min
Response: 3336204326
Conc: 9352.85 ng/ml



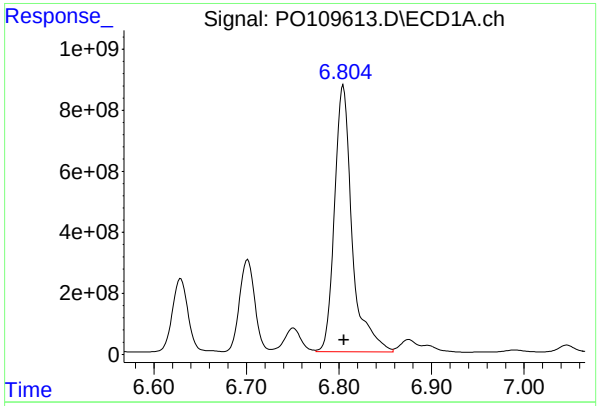

#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 3978036932
Conc: 9498.85 ng/ml




#29 AR-1254-4

R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 2025879009
Conc: 10490.07 ng/ml



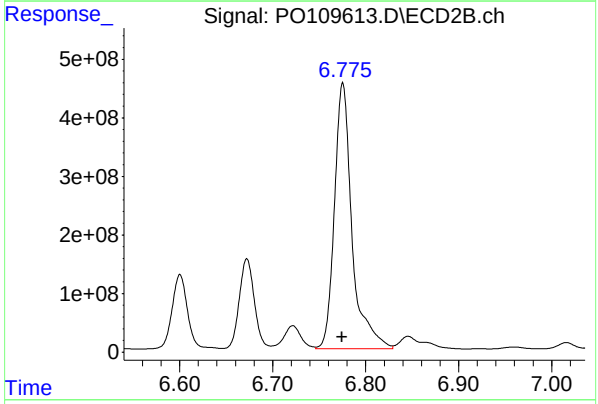

#30 AR-1254-5

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 11547006827
Conc: 18507.70 ng/

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL

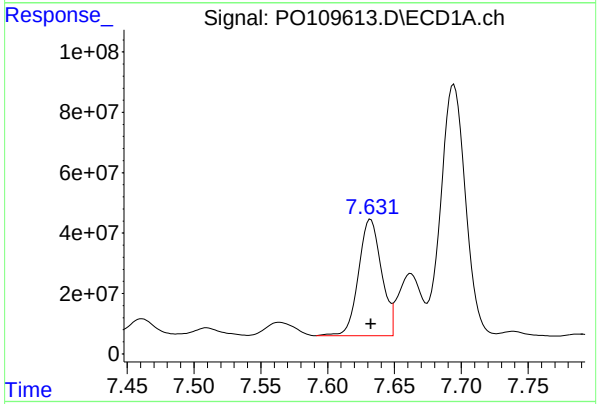
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



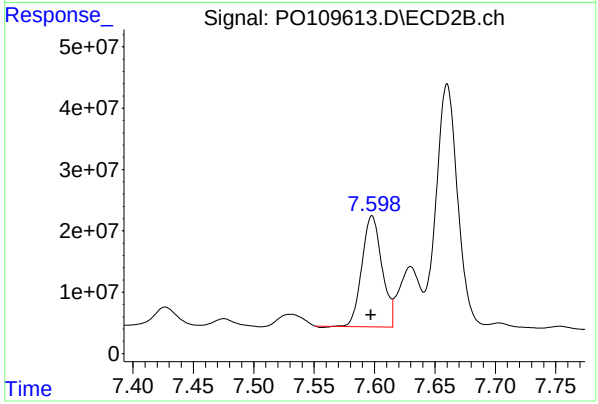

#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 5975436912
Conc: 20137.47 ng/ml



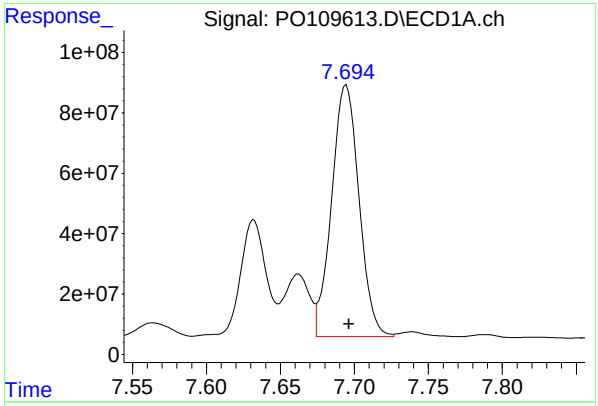

#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 460637110
Conc: 347.86 ng/ml




#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 209309169
Conc: 366.30 ng/ml



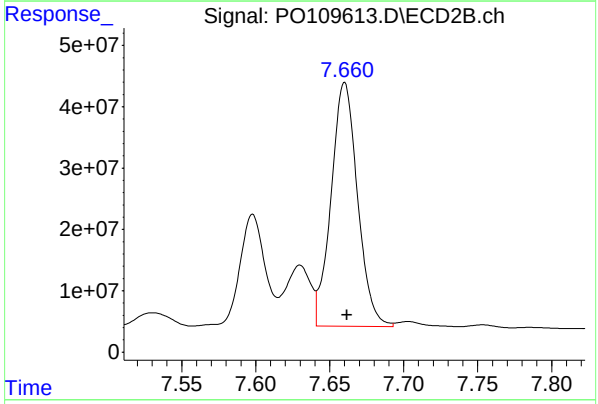

#42 AR-1268-2

R.T.: 7.694 min
Delta R.T.: -0.002 min
Response: 1074900711
Conc: 889.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL

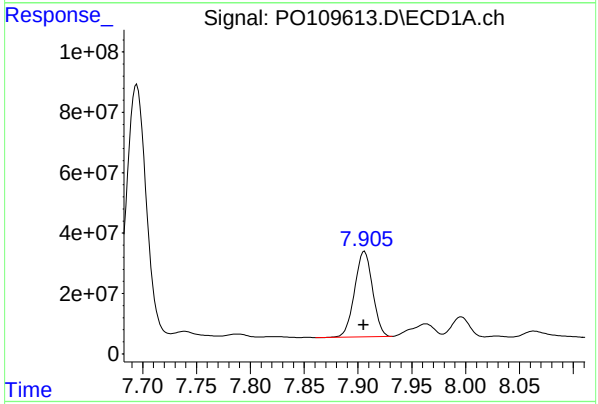
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



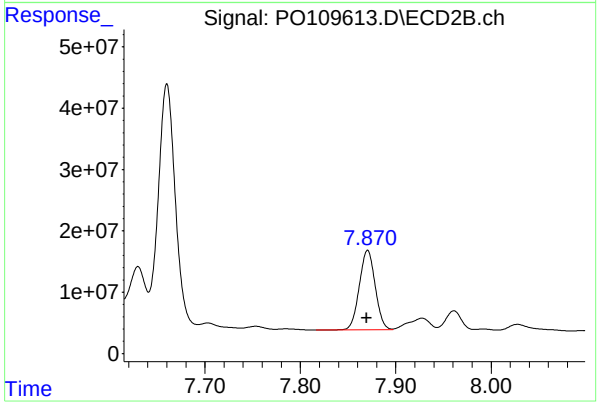

#42 AR-1268-2

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 494890297
Conc: 942.75 ng/ml



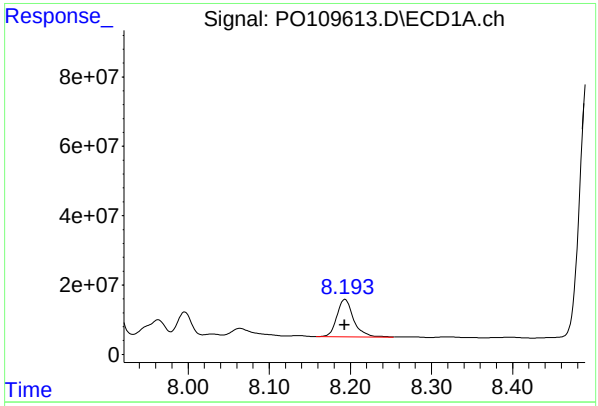

#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 327592835
Conc: 321.74 ng/ml




#43 AR-1268-3

R.T.: 7.871 min
Delta R.T.: 0.001 min
Response: 149006449
Conc: 348.11 ng/ml



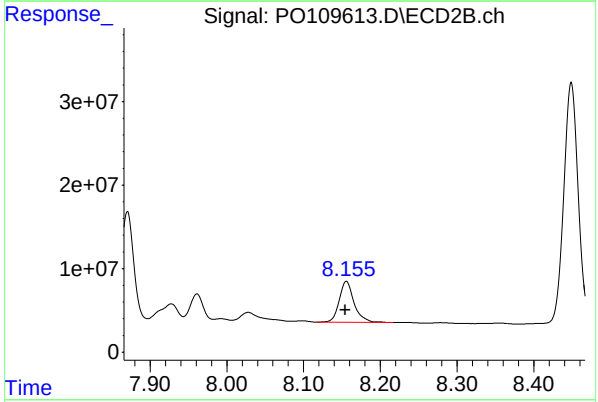

#44 AR-1268-4

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 155380004
Conc: 365.72 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL

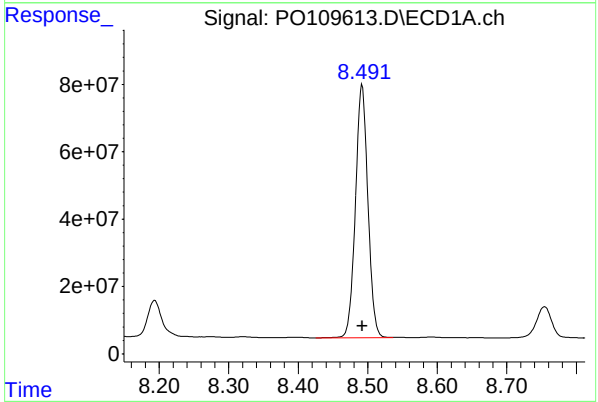
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025



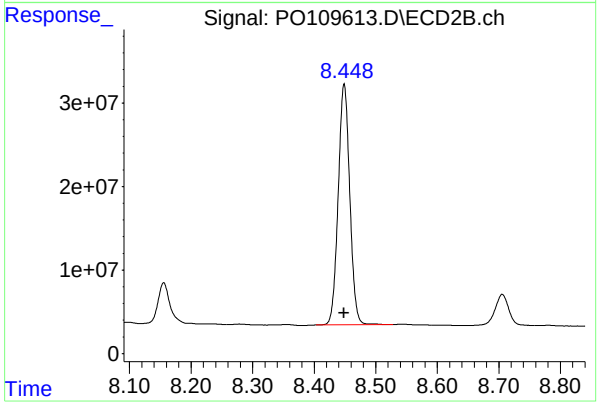

#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: 0.001 min
Response: 66254389
Conc: 410.66 ng/ml




#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 937475162
Conc: 310.46 ng/ml




#45 AR-1268-5

R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 376085504
Conc: 344.04 ng/ml

Raw Data: **PO109614.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-11ADL2 | SDG No.: | Q1436 |
| Lab Sample ID: | Q1436-10DL2 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 90.2 Decanted: |
| Sample Wt/Vol: | 30.07 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109614.D | 100 | 02/27/25 09:15 | 02/28/25 23:02 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 375 | UD | 375 | 1900 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 709 | UD | 709 | 1900 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 376 | UD | 376 | 1900 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 375 | UD | 375 | 1900 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 873 | UD | 873 | 1900 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 22000 | D | 302 | 1900 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 505 | UD | 505 | 1900 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 1200 | JD | 379 | 1900 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 322 | UD | 322 | 1900 | ug/kg |
| Total PCBs | Total PCBs | 24000 | D | 681 | 1900 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 0 | * | 32 - 144 | 0% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 0 | * | 32 - 175 | 0% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 23:02
Operator : YP/AJ
Sample : Q1436-10DL2 100X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:33:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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 | | | | | | |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.599 | 5.579 | 168.5E6 | 90201869 | 326.772 | 344.890 |
| 27) | L6 AR-1254-2 | 5.749 | 5.727 | 194.6E6 | 104.2E6 | 432.163 | 444.338 |
| 28) | L6 AR-1254-3 | 6.154 | 6.130 | 379.0E6 | 197.9E6 | 529.376 | 554.933 |
| 29) | L6 AR-1254-4 | 6.384 | 6.358 | 233.8E6 | 117.4E6 | 558.233 | 608.010 |
| 30) | L6 AR-1254-5 | 6.805 | 6.775 | 638.9E6 | 324.0E6 | 1024.047 | 1091.952 |
| 41) | L9 AR-1268-1 | 7.631 | 7.597 | 33296800 | 14878481 | 25.144 | 26.038 |
| 42) | L9 AR-1268-2 | 7.693 | 7.659 | 75704818 | 32320056 | 62.612 | 61.569 |
| 43) | L9 AR-1268-3 | 7.905 | 7.870 | 22761524 | 10695529 | 22.355 | 24.987 |
| 44) | L9 AR-1268-4 | 8.192 | 8.154 | 11131473 | 4499342 | 26.200 | 27.888 |
| 45) | L9 AR-1268-5 | 8.492 | 8.447 | 61525326 | 26606113 | 20.375 | 24.339 |

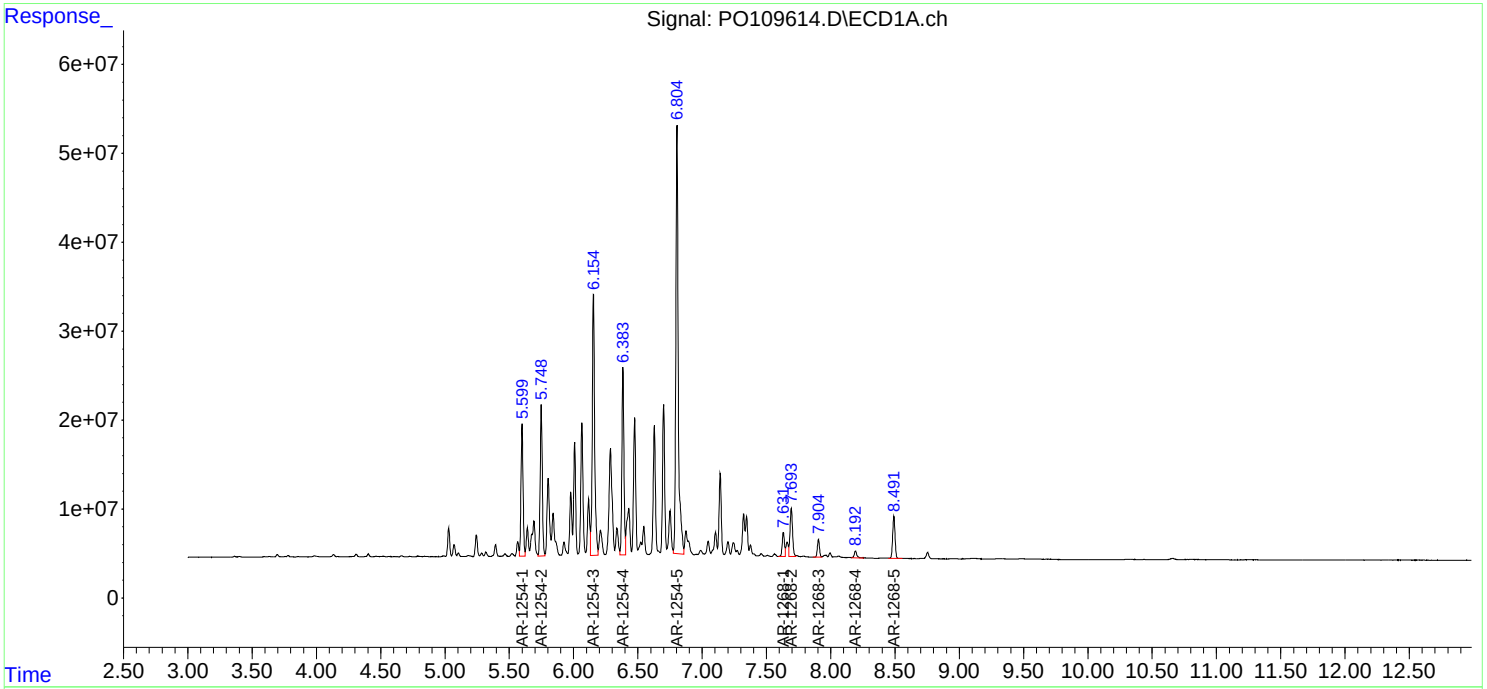
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

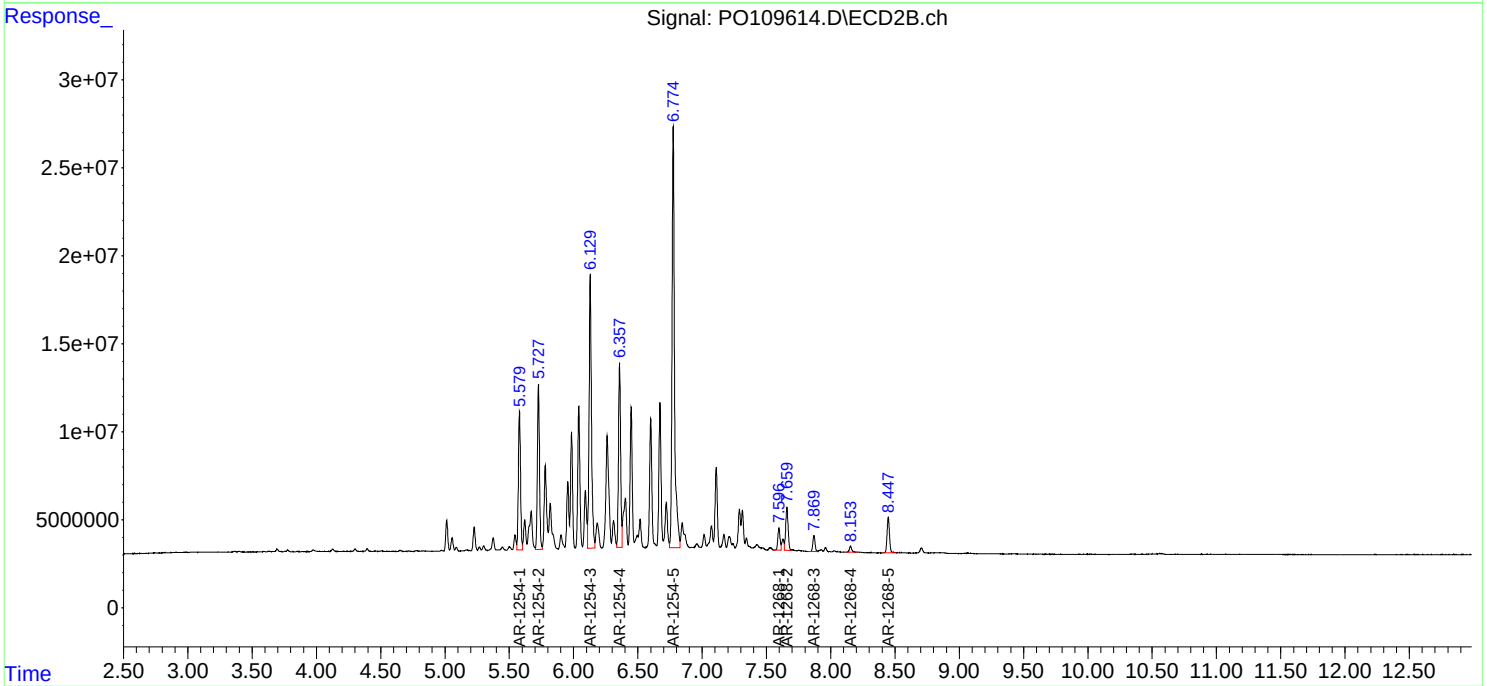
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 23:02
Operator : YP/AJ
Sample : Q1436-10DL2 100X
Misc :
ALS Vial : 38 Sample Multiplier: 1

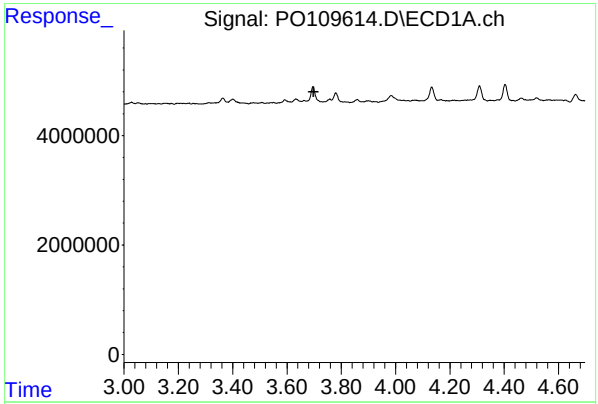
**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:33:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



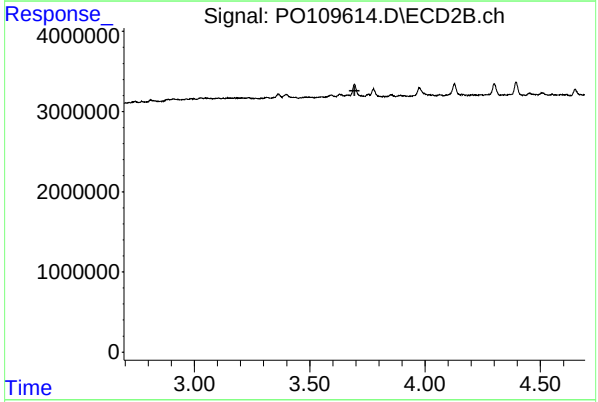






#1 Tetrachloro-m-xylene

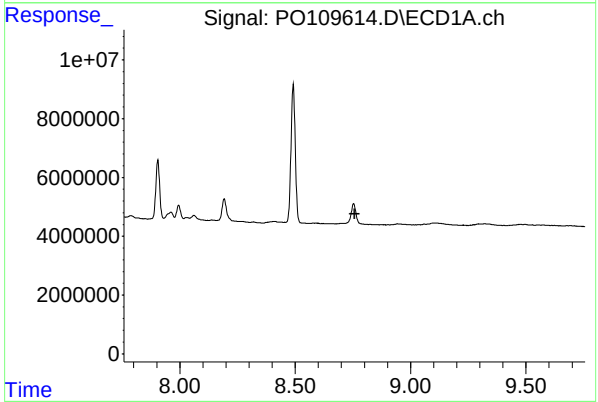
R.T.: 0.000 min
Exp R.T. : 3.698 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL2



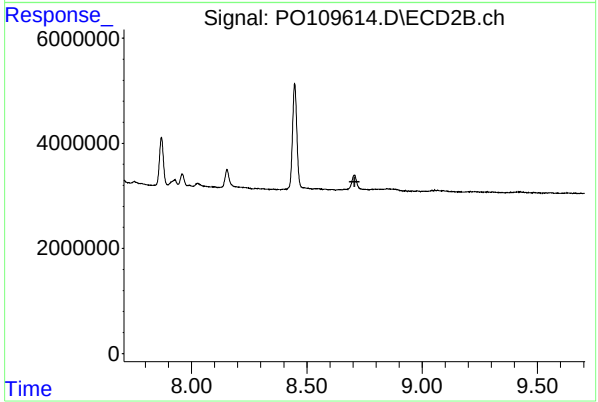

#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.694 min
Response: 0
Conc: N.D.



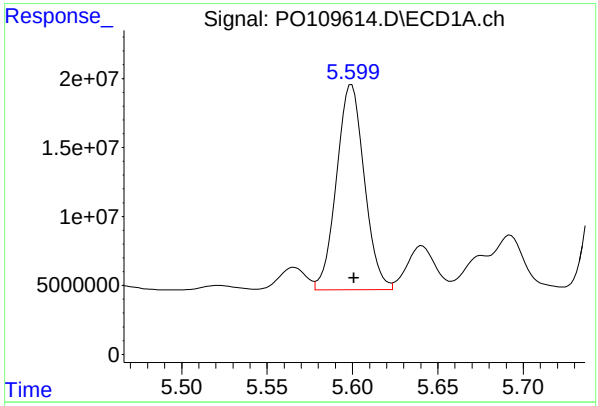

#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.757 min
Response: 0
Conc: N.D.




#2 Decachlorobiphenyl

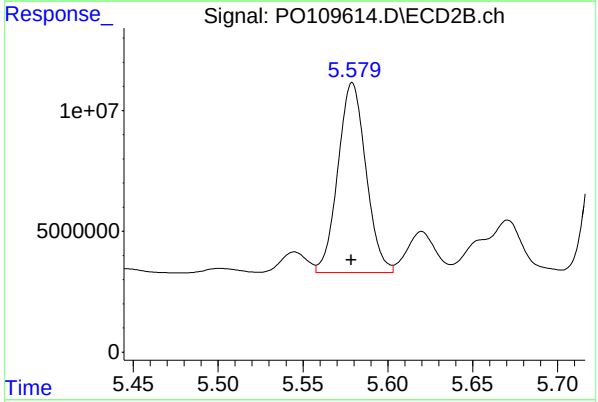
R.T.: 0.000 min
Exp R.T. : 8.707 min
Response: 0
Conc: N.D.




#26 AR-1254-1

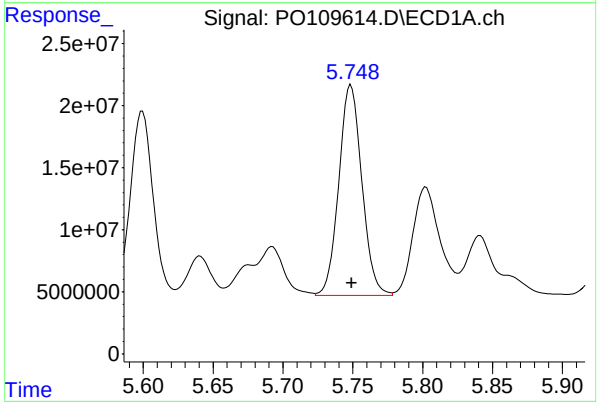
R.T.: 5.599 min
Delta R.T.: -0.001 min
Response: 168485793
Conc: 326.77 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL2



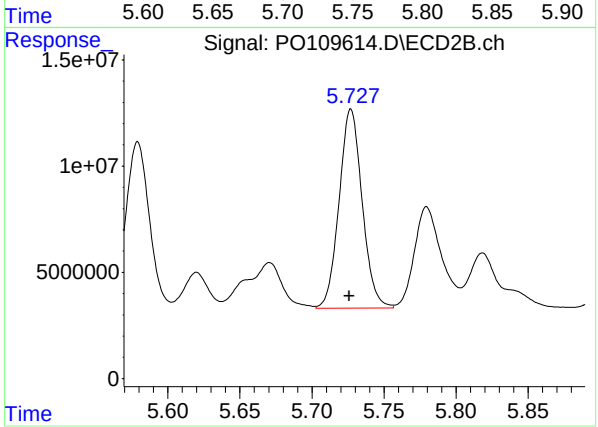

#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 90201869
Conc: 344.89 ng/ml



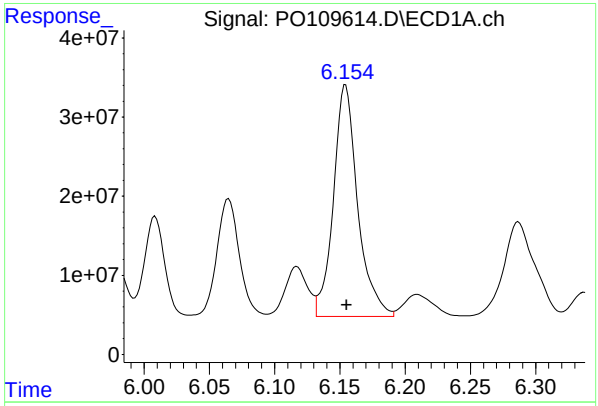

#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 194634996
Conc: 432.16 ng/ml




#27 AR-1254-2

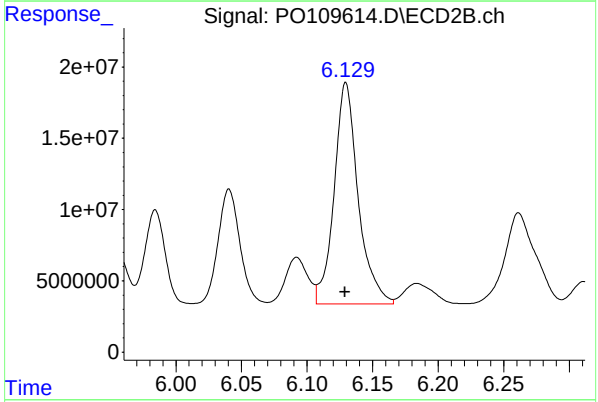
R.T.: 5.727 min
Delta R.T.: 0.001 min
Response: 104224470
Conc: 444.34 ng/ml




#28 AR-1254-3

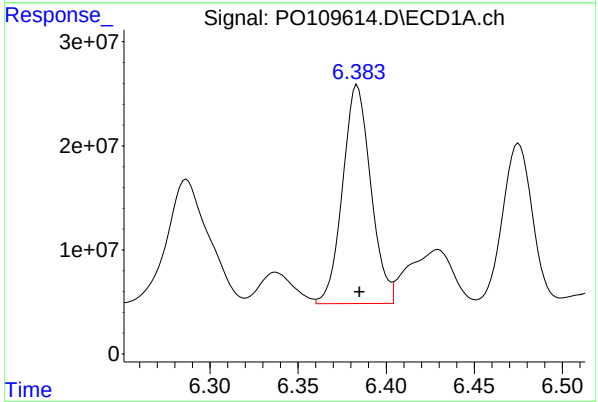
R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 379009846
Conc: 529.38 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL2



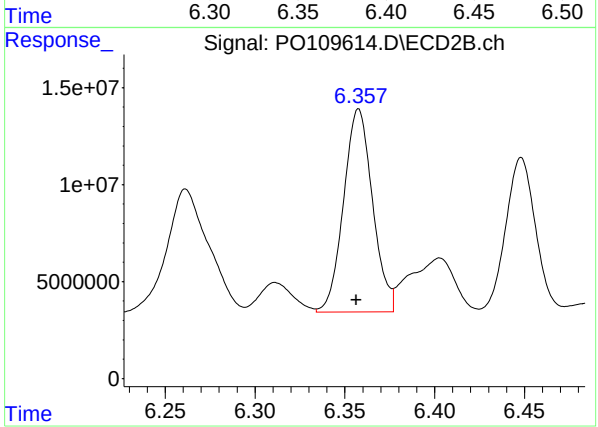

#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 197947241
Conc: 554.93 ng/ml



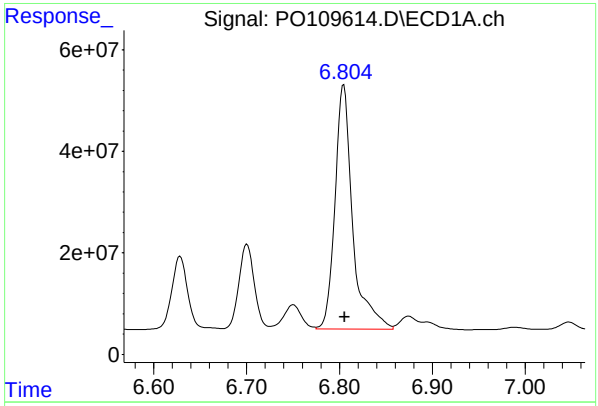

#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: -0.001 min
Response: 233783125
Conc: 558.23 ng/ml




#29 AR-1254-4

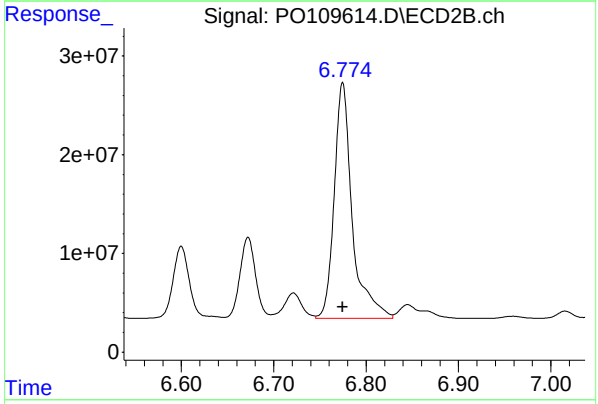
R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 117421037
Conc: 608.01 ng/ml




#30 AR-1254-5

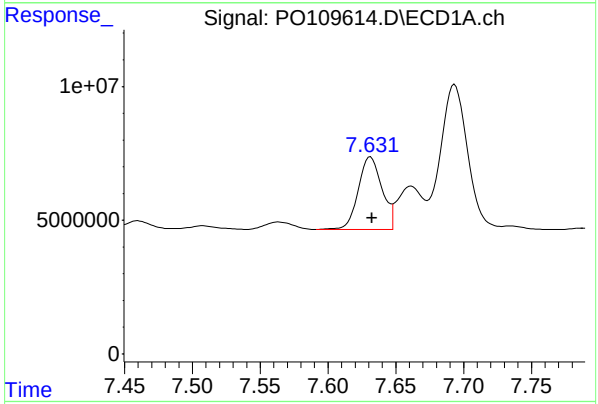
R.T.: 6.805 min
Delta R.T.: 0.000 mi
Response: 638906232
Conc: 1024.05 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL2



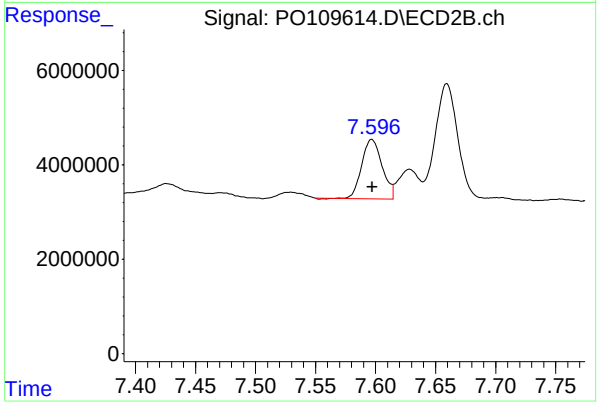

#30 AR-1254-5

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 324017274
Conc: 1091.95 ng/ml



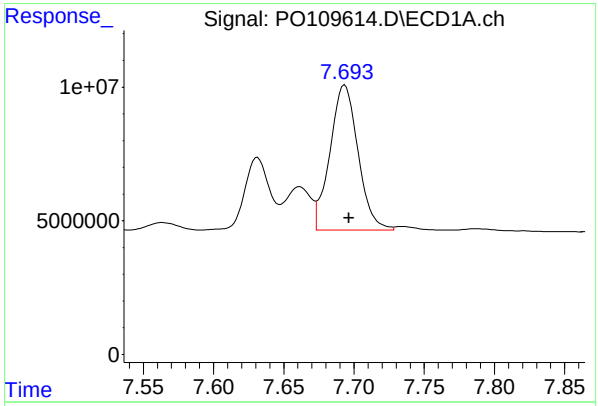

#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 33296800
Conc: 25.14 ng/ml




#41 AR-1268-1

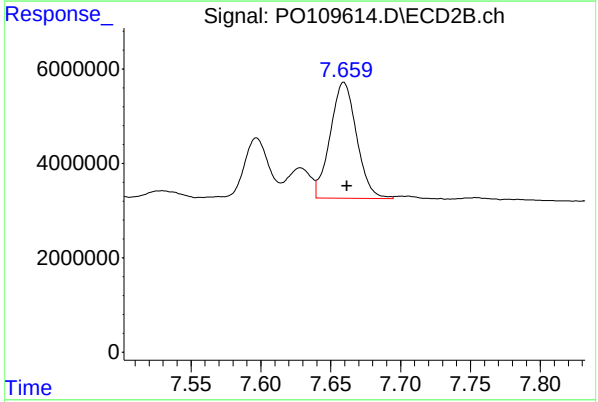
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 14878481
Conc: 26.04 ng/ml




#42 AR-1268-2

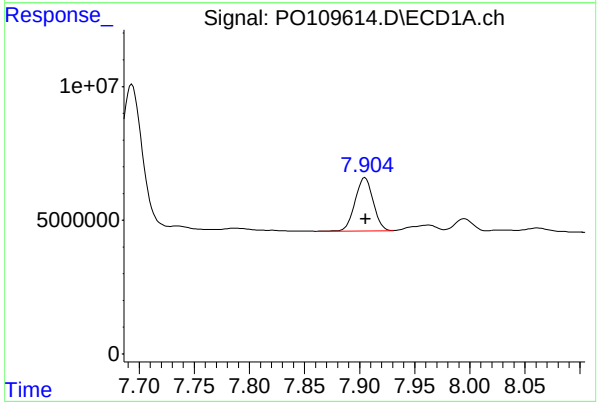
R.T.: 7.693 min
Delta R.T.: -0.003 min
Response: 75704818
Conc: 62.61 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL2



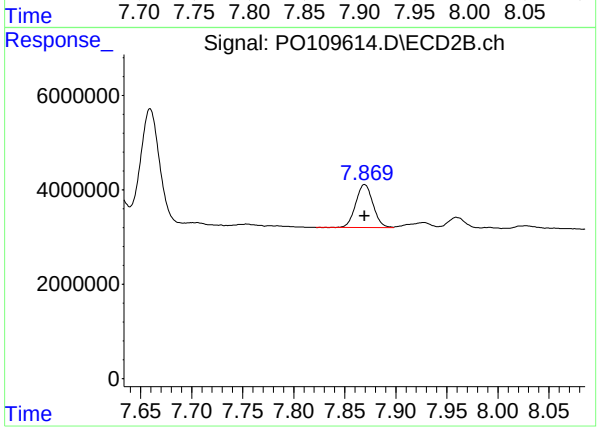

#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: -0.002 min
Response: 32320056
Conc: 61.57 ng/ml



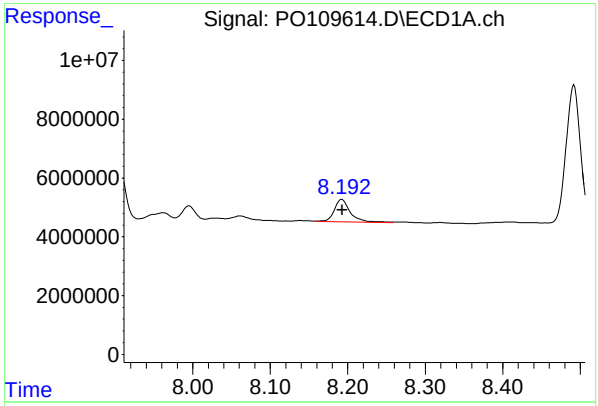

#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 22761524
Conc: 22.36 ng/ml




#43 AR-1268-3

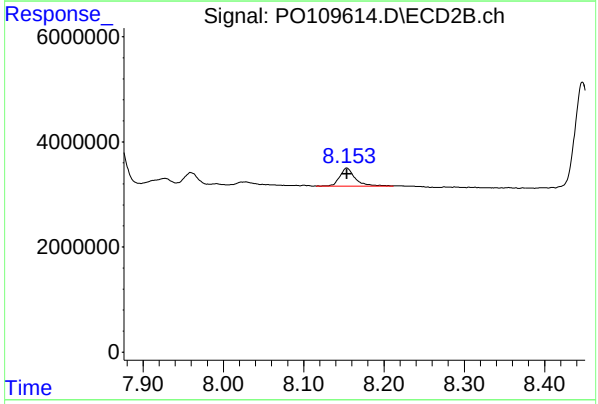
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 10695529
Conc: 24.99 ng/ml




#44 AR-1268-4

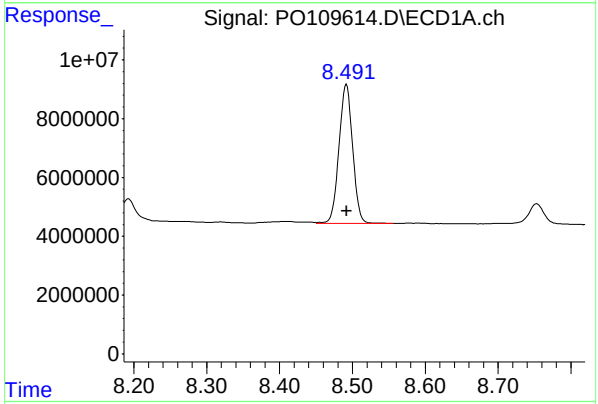
R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 11131473
Conc: 26.20 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
K084-11ADL2



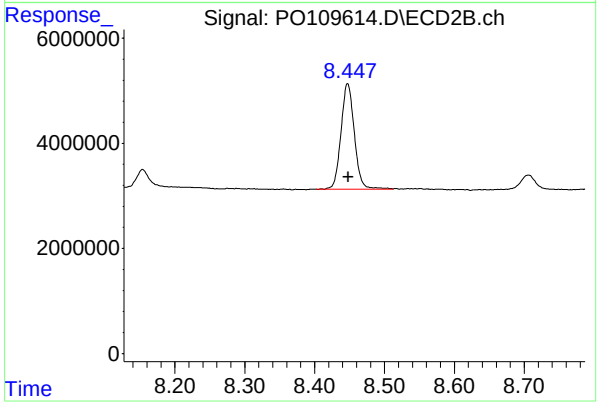

#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 4499342
Conc: 27.89 ng/ml




#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 61525326
Conc: 20.37 ng/ml




#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: 0.000 min
Response: 26606113
Conc: 24.34 ng/ml

# CALIBRATION SUMMARY

Raw Data

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

## RETENTION TIMES OF INITIAL CALIBRATION

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Instrument ID:** ECD_O **Calibration Date(s):** 02/20/2025 02/21/2025

**Calibration Times:** 16:46 01:02

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

**LAB FILE ID:** RT 1000 = PO109426.D RT 750 = PO109427.D

RT 500 = PO109428.D RT 250 = PO109429.D RT 050 = PO109430.D

| COMPOUND | | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.79 | 4.79 | 4.79 | 4.79 | 4.79 | 4.79 | 4.69 | 4.89 |
| Aroclor-1016-2 | (2) | 4.81 | 4.81 | 4.81 | 4.81 | 4.81 | 4.81 | 4.71 | 4.91 |
| Aroclor-1016-3 | (3) | 4.87 | 4.87 | 4.87 | 4.87 | 4.87 | 4.87 | 4.77 | 4.97 |
| Aroclor-1016-4 | (4) | 4.99 | 4.99 | 4.99 | 4.99 | 4.99 | 4.99 | 4.89 | 5.09 |
| Aroclor-1016-5 | (5) | 5.25 | 5.25 | 5.25 | 5.25 | 5.25 | 5.25 | 5.15 | 5.35 |
| Aroclor-1260-1 | (1) | 6.29 | 6.29 | 6.29 | 6.29 | 6.29 | 6.29 | 6.19 | 6.39 |
| Aroclor-1260-2 | (2) | 6.48 | 6.48 | 6.48 | 6.48 | 6.48 | 6.48 | 6.38 | 6.58 |
| Aroclor-1260-3 | (3) | 6.85 | 6.85 | 6.85 | 6.85 | 6.84 | 6.85 | 6.75 | 6.95 |
| Aroclor-1260-4 | (4) | 7.11 | 7.11 | 7.11 | 7.11 | 7.10 | 7.11 | 7.01 | 7.21 |
| Aroclor-1260-5 | (5) | 7.35 | 7.35 | 7.35 | 7.35 | 7.35 | 7.35 | 7.25 | 7.45 |
| Decachlorobiphenyl | | 8.76 | 8.76 | 8.76 | 8.76 | 8.76 | 8.76 | 8.66 | 8.86 |
| Tetrachloro-m-xylene | | 3.70 | 3.70 | 3.70 | 3.70 | 3.70 | 3.70 | 3.60 | 3.80 |
| Aroclor-1242-1 | (1) | 4.79 | 4.79 | 4.79 | 4.79 | 4.79 | 4.79 | 4.69 | 4.89 |
| Aroclor-1242-2 | (2) | 4.81 | 4.81 | 4.81 | 4.81 | 4.81 | 4.81 | 4.71 | 4.91 |
| Aroclor-1242-3 | (3) | 4.87 | 4.87 | 4.87 | 4.87 | 4.87 | 4.87 | 4.77 | 4.97 |
| Aroclor-1242-4 | (4) | 4.99 | 4.99 | 4.99 | 4.99 | 4.99 | 4.99 | 4.89 | 5.09 |
| Aroclor-1242-5 | (5) | 5.64 | 5.64 | 5.64 | 5.64 | 5.64 | 5.64 | 5.54 | 5.74 |
| Decachlorobiphenyl | | 8.76 | 8.76 | 8.76 | 8.76 | 8.76 | 8.76 | 8.66 | 8.86 |
| Tetrachloro-m-xylene | | 3.70 | 3.70 | 3.70 | 3.70 | 3.70 | 3.70 | 3.60 | 3.80 |
| Aroclor-1248-1 | (1) | 4.79 | 4.79 | 4.79 | 4.79 | 4.79 | 4.79 | 4.69 | 4.89 |
| Aroclor-1248-2 | (2) | 5.03 | 5.03 | 5.03 | 5.03 | 5.03 | 5.03 | 4.93 | 5.13 |
| Aroclor-1248-3 | (3) | 5.25 | 5.25 | 5.25 | 5.25 | 5.25 | 5.25 | 5.15 | 5.35 |
| Aroclor-1248-4 | (4) | 5.60 | 5.60 | 5.60 | 5.60 | 5.60 | 5.60 | 5.50 | 5.70 |
| Aroclor-1248-5 | (5) | 5.64 | 5.64 | 5.64 | 5.64 | 5.64 | 5.64 | 5.54 | 5.74 |
| Decachlorobiphenyl | | 8.76 | 8.76 | 8.76 | 8.76 | 8.75 | 8.76 | 8.66 | 8.86 |
| Tetrachloro-m-xylene | | 3.70 | 3.70 | 3.70 | 3.70 | 3.70 | 3.70 | 3.60 | 3.80 |
| Aroclor-1254-1 | (1) | 5.60 | 5.60 | 5.60 | 5.60 | 5.60 | 5.60 | 5.50 | 5.70 |
| Aroclor-1254-2 | (2) | 5.75 | 5.75 | 5.75 | 5.75 | 5.75 | 5.75 | 5.65 | 5.85 |
| Aroclor-1254-3 | (3) | 6.16 | 6.16 | 6.16 | 6.16 | 6.16 | 6.16 | 6.06 | 6.26 |
| Aroclor-1254-4 | (4) | 6.38 | 6.39 | 6.39 | 6.39 | 6.38 | 6.39 | 6.29 | 6.49 |
| Aroclor-1254-5 | (5) | 6.81 | 6.81 | 6.81 | 6.81 | 6.81 | 6.81 | 6.71 | 6.91 |
| Decachlorobiphenyl | | 8.75 | 8.76 | 8.76 | 8.76 | 8.76 | 8.76 | 8.66 | 8.86 |
| Tetrachloro-m-xylene | | 3.70 | 3.70 | 3.70 | 3.70 | 3.70 | 3.70 | 3.60 | 3.80 |
| Aroclor-1268-1 | (1) | 7.63 | 7.63 | 7.63 | 7.63 | 7.63 | 7.63 | 7.53 | 7.73 |
| Aroclor-1268-2 | (2) | 7.70 | 7.70 | 7.70 | 7.70 | 7.70 | 7.70 | 7.60 | 7.80 |
| Aroclor-1268-3 | (3) | 7.91 | 7.91 | 7.91 | 7.91 | 7.91 | 7.91 | 7.81 | 8.01 |
| Aroclor-1268-4 | (4) | 8.19 | 8.19 | 8.19 | 8.19 | 8.19 | 8.19 | 8.09 | 8.29 |
| Aroclor-1268-5 | (5) | 8.49 | 8.49 | 8.49 | 8.49 | 8.49 | 8.49 | 8.39 | 8.59 |

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Fax : 908 789 8922

**RETENTION TIMES OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.76 | 8.76 | 8.75 | 8.76 | 8.75 | 8.76 | 8.66 | 8.86 |
| Tetrachloro-m-xylene | 3.70 | 3.70 | 3.70 | 3.70 | 3.70 | 3.70 | 3.60 | 3.80 |

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Fax : 908 789 8922

## RETENTION TIMES OF INITIAL CALIBRATION

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Instrument ID:** ECD_O **Calibration Date(s):** 02/20/2025 02/21/2025

**Calibration Times:** 16:46 01:02

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

**LAB FILE ID:** RT 1000 = PO109426.D RT 750 = PO109427.D

RT 500 = PO109428.D RT 250 = PO109429.D RT 050 = PO109430.D

| COMPOUND | | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.78 | 4.78 | 4.78 | 4.78 | 4.78 | 4.78 | 4.68 | 4.88 |
| Aroclor-1016-2 | (2) | 4.80 | 4.80 | 4.80 | 4.80 | 4.80 | 4.80 | 4.70 | 4.90 |
| Aroclor-1016-3 | (3) | 4.97 | 4.97 | 4.97 | 4.97 | 4.97 | 4.97 | 4.87 | 5.07 |
| Aroclor-1016-4 | (4) | 5.01 | 5.01 | 5.01 | 5.01 | 5.01 | 5.01 | 4.91 | 5.11 |
| Aroclor-1016-5 | (5) | 5.23 | 5.23 | 5.23 | 5.23 | 5.23 | 5.23 | 5.13 | 5.33 |
| Aroclor-1260-1 | (1) | 6.26 | 6.26 | 6.26 | 6.26 | 6.26 | 6.26 | 6.16 | 6.36 |
| Aroclor-1260-2 | (2) | 6.45 | 6.45 | 6.45 | 6.45 | 6.45 | 6.45 | 6.35 | 6.55 |
| Aroclor-1260-3 | (3) | 6.60 | 6.60 | 6.60 | 6.60 | 6.60 | 6.60 | 6.50 | 6.70 |
| Aroclor-1260-4 | (4) | 7.07 | 7.07 | 7.07 | 7.07 | 7.07 | 7.07 | 6.97 | 7.17 |
| Aroclor-1260-5 | (5) | 7.31 | 7.31 | 7.31 | 7.31 | 7.31 | 7.31 | 7.21 | 7.41 |
| Decachlorobiphenyl | | 8.71 | 8.71 | 8.71 | 8.71 | 8.71 | 8.71 | 8.61 | 8.81 |
| Tetrachloro-m-xylene | | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.59 | 3.79 |
| Aroclor-1242-1 | (1) | 4.78 | 4.78 | 4.78 | 4.78 | 4.78 | 4.78 | 4.68 | 4.88 |
| Aroclor-1242-2 | (2) | 4.80 | 4.80 | 4.80 | 4.80 | 4.80 | 4.80 | 4.70 | 4.90 |
| Aroclor-1242-3 | (3) | 4.97 | 4.97 | 4.97 | 4.97 | 4.97 | 4.97 | 4.87 | 5.07 |
| Aroclor-1242-4 | (4) | 5.06 | 5.06 | 5.06 | 5.06 | 5.06 | 5.06 | 4.96 | 5.16 |
| Aroclor-1242-5 | (5) | 5.58 | 5.58 | 5.58 | 5.58 | 5.58 | 5.58 | 5.48 | 5.68 |
| Decachlorobiphenyl | | 8.71 | 8.71 | 8.71 | 8.71 | 8.71 | 8.71 | 8.61 | 8.81 |
| Tetrachloro-m-xylene | | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.59 | 3.79 |
| Aroclor-1248-1 | (1) | 4.78 | 4.78 | 4.78 | 4.78 | 4.78 | 4.78 | 4.68 | 4.88 |
| Aroclor-1248-2 | (2) | 5.01 | 5.01 | 5.01 | 5.01 | 5.01 | 5.01 | 4.91 | 5.11 |
| Aroclor-1248-3 | (3) | 5.06 | 5.06 | 5.06 | 5.06 | 5.06 | 5.06 | 4.96 | 5.16 |
| Aroclor-1248-4 | (4) | 5.23 | 5.23 | 5.23 | 5.23 | 5.23 | 5.23 | 5.13 | 5.33 |
| Aroclor-1248-5 | (5) | 5.62 | 5.62 | 5.62 | 5.62 | 5.62 | 5.62 | 5.52 | 5.72 |
| Decachlorobiphenyl | | 8.71 | 8.71 | 8.71 | 8.71 | 8.71 | 8.71 | 8.61 | 8.81 |
| Tetrachloro-m-xylene | | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.59 | 3.79 |
| Aroclor-1254-1 | (1) | 5.58 | 5.58 | 5.58 | 5.58 | 5.58 | 5.58 | 5.48 | 5.68 |
| Aroclor-1254-2 | (2) | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.63 | 5.83 |
| Aroclor-1254-3 | (3) | 6.13 | 6.13 | 6.13 | 6.13 | 6.13 | 6.13 | 6.03 | 6.23 |
| Aroclor-1254-4 | (4) | 6.36 | 6.36 | 6.36 | 6.36 | 6.36 | 6.36 | 6.26 | 6.46 |
| Aroclor-1254-5 | (5) | 6.77 | 6.78 | 6.77 | 6.78 | 6.77 | 6.77 | 6.67 | 6.87 |
| Decachlorobiphenyl | | 8.71 | 8.71 | 8.71 | 8.71 | 8.71 | 8.71 | 8.61 | 8.81 |
| Tetrachloro-m-xylene | | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.59 | 3.79 |
| Aroclor-1268-1 | (1) | 7.60 | 7.60 | 7.60 | 7.60 | 7.60 | 7.60 | 7.50 | 7.70 |
| Aroclor-1268-2 | (2) | 7.66 | 7.66 | 7.66 | 7.66 | 7.66 | 7.66 | 7.56 | 7.76 |
| Aroclor-1268-3 | (3) | 7.87 | 7.87 | 7.87 | 7.87 | 7.87 | 7.87 | 7.77 | 7.97 |
| Aroclor-1268-4 | (4) | 8.15 | 8.15 | 8.15 | 8.15 | 8.15 | 8.15 | 8.05 | 8.25 |
| Aroclor-1268-5 | (5) | 8.45 | 8.45 | 8.45 | 8.45 | 8.45 | 8.45 | 8.35 | 8.55 |

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**RETENTION TIMES OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.71 | 8.71 | 8.71 | 8.71 | 8.70 | 8.71 | 8.61 | 8.81 |
| Tetrachloro-m-xylene | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.69 | 3.59 | 3.79 |

Raw Data

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## CALIBRATION FACTOR OF INITIAL CALIBRATION

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Instrument ID:** ECD_O

**Calibration Date(s):** 02/20/2025 02/21/2025

**Calibration Times:** 16:46 01:02

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

**LAB FILE ID:** **CF 1000 =** PO109426.D **CF 750 =** PO109427.D

**CF 500 =** PO109428.D **CF 250 =** PO109429.D **CF 050 =** PO109430.D

| COMPOUND | | CF 1000 | CF 750 | CF 500 | CF 250 | CF 050 | CF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 285955176 | 296470909 | 301678880 | 330073932 | 327272520 | 308290283 | 6 |
| Aroclor-1016-2 | (2) | 400344510 | 409149469 | 414645114 | 446605912 | 434387780 | 421026557 | 5 |
| Aroclor-1016-3 | (3) | 275712654 | 284750529 | 289403798 | 321232168 | 307985600 | 295816950 | 6 |
| Aroclor-1016-4 | (4) | 217819857 | 224475380 | 225979744 | 249359212 | 241266360 | 231780111 | 6 |
| Aroclor-1016-5 | (5) | 234915990 | 244172492 | 252269048 | 280073416 | 279718840 | 258229957 | 8 |
| Aroclor-1260-1 | (1) | 432857882 | 445030616 | 458030860 | 496965692 | 497771560 | 466131322 | 6 |
| Aroclor-1260-2 | (2) | 530613873 | 540598143 | 549997768 | 596865796 | 607516180 | 565118352 | 6 |
| Aroclor-1260-3 | (3) | 446055940 | 458685821 | 463532386 | 505033376 | 504998020 | 475661109 | 6 |
| Aroclor-1260-4 | (4) | 409227231 | 417077069 | 426071740 | 458083200 | 447546300 | 431601108 | 5 |
| Aroclor-1260-5 | (5) | 975246933 | 982402905 | 1001465846 | 1034939896 | 975352280 | 993881572 | 3 |
| Decachlorobiphenyl | | 8144381710 | 8253336907 | 8542716440 | 9068866760 | 9000001000 | 8601860563 | 5 |
| Tetrachloro-m-xylene | | 9594159870 | 9382441773 | 9407964980 | 9839303320 | 9101752600 | 9465124509 | 3 |
| Aroclor-1242-1 | (1) | 241553792 | 248781753 | 263582376 | 278206104 | 276700060 | 261764817 | 6 |
| Aroclor-1242-2 | (2) | 330250979 | 341141312 | 360022594 | 377835792 | 370979720 | 356046079 | 6 |
| Aroclor-1242-3 | (3) | 230958690 | 239403319 | 256570990 | 271941764 | 257976860 | 251370325 | 6 |
| Aroclor-1242-4 | (4) | 181873604 | 188232188 | 200194694 | 210194852 | 201763980 | 196451864 | 6 |
| Aroclor-1242-5 | (5) | 192196869 | 198312276 | 212424054 | 232317448 | 236630280 | 214376185 | 9 |
| Decachlorobiphenyl | | 7571460160 | 7783053733 | 8197005760 | 8686332120 | 8704566000 | 8188483555 | 6 |
| Tetrachloro-m-xylene | | 9236931880 | 9400204853 | 9446860340 | 9568057960 | 9056865000 | 9341784007 | 2 |
| Aroclor-1248-1 | (1) | 183385441 | 189253437 | 200901320 | 213658596 | 210346400 | 199509039 | 7 |
| Aroclor-1248-2 | (2) | 249519113 | 262229969 | 281655510 | 299590856 | 298458120 | 278290714 | 8 |
| Aroclor-1248-3 | (3) | 313646829 | 324719312 | 346217716 | 370103360 | 392176240 | 349372691 | 9 |
| Aroclor-1248-4 | (4) | 439951399 | 452724037 | 479184310 | 509535492 | 504078340 | 477094716 | 6 |
| Aroclor-1248-5 | (5) | 310476659 | 318507132 | 337630456 | 365736804 | 380196620 | 342509534 | 9 |
| Decachlorobiphenyl | | 7703959900 | 7913043760 | 8337132500 | 8816038680 | 8879579800 | 8329950928 | 6 |
| Tetrachloro-m-xylene | | 9154374770 | 9319706587 | 9763537060 | 9884300480 | 9250244600 | 9474432699 | 3 |
| Aroclor-1254-1 | (1) | 480630669 | 491242291 | 514290722 | 548494120 | 543375540 | 515606668 | 6 |
| Aroclor-1254-2 | (2) | 417535343 | 429223996 | 451482582 | 481224324 | 472406420 | 450374533 | 6 |
| Aroclor-1254-3 | (3) | 684838056 | 697322969 | 725628940 | 760808456 | 711178620 | 715955408 | 4 |
| Aroclor-1254-4 | (4) | 417970360 | 409808872 | 428749386 | 461366848 | 376062040 | 418791501 | 7 |
| Aroclor-1254-5 | (5) | 597298518 | 608943563 | 631623464 | 663830224 | 617819000 | 623902954 | 4 |
| Decachlorobiphenyl | | 7967092830 | 8125756000 | 8528343640 | 8986366600 | 8782372000 | 8477986214 | 5 |
| Tetrachloro-m-xylene | | 9511051460 | 9602004080 | 9843620680 | 9994457760 | 8495604200 | 9489347636 | 6 |
| Aroclor-1268-1 | (1) | 1298860853 | 1294002563 | 1318124330 | 1365675636 | 1344427900 | 1324218256 | 2 |

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**CALIBRATION FACTOR OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1268-2 | (2) | 1196326079 | 1189492827 | 1207881780 | 1246550744 | 1205280700 | 1209106426 | 2 |
| Aroclor-1268-3 | (3) | 1000400149 | 998939115 | 1012813102 | 1049647308 | 1029090160 | 1018177967 | 2 |
| Aroclor-1268-4 | (4) | 407507962 | 408969772 | 420298422 | 442140308 | 445377360 | 424858765 | 4 |
| Aroclor-1268-5 | (5) | 3060378797 | 3013397139 | 3036609122 | 3075360324 | 2912511720 | 3019651420 | 2 |
| Decachlorobiphenyl | | 14147642890 | 14125651173 | 14472115980 | 15180190720 | 15441285400 | 14673377233 | 4 |
| Tetrachloro-m-xylene | | 9652630020 | 9799388160 | 9953085600 | 10360200640 | 9708060200 | 9894672924 | 3 |

Raw Data

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Fax : 908 789 8922

## CALIBRATION FACTOR OF INITIAL CALIBRATION

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Instrument ID:** ECD_O

**Calibration Date(s):** 02/20/2025 02/21/2025

**Calibration Times:** 16:46 01:02

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

**LAB FILE ID:** **CF 1000 =** PO109426.D **CF 750 =** PO109427.D

**CF 500 =** PO109428.D **CF 250 =** PO109429.D **CF 050 =** PO109430.D

| COMPOUND | | CF 1000 | CF 750 | CF 500 | CF 250 | CF 050 | CF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 144422659 | 148428763 | 152032096 | 167484860 | 168484300 | 156170536 | 7 |
| Aroclor-1016-2 | (2) | 205202725 | 208508729 | 213432994 | 229519564 | 225505040 | 216433810 | 5 |
| Aroclor-1016-3 | (3) | 112302196 | 115067393 | 117212622 | 128579748 | 124094120 | 119451216 | 6 |
| Aroclor-1016-4 | (4) | 94709981 | 98717735 | 101165102 | 112923876 | 112836120 | 104070563 | 8 |
| Aroclor-1016-5 | (5) | 124417087 | 127943616 | 132644098 | 146345704 | 149917060 | 136253513 | 8 |
| Aroclor-1260-1 | (1) | 217936136 | 223782013 | 232739904 | 251644640 | 258495520 | 236919643 | 7 |
| Aroclor-1260-2 | (2) | 255563339 | 259366392 | 268832038 | 291215424 | 300878620 | 275171163 | 7 |
| Aroclor-1260-3 | (3) | 239301078 | 242165468 | 249897958 | 270279452 | 273707020 | 255070195 | 6 |
| Aroclor-1260-4 | (4) | 193987222 | 196916529 | 202218624 | 218214048 | 219624820 | 206192249 | 6 |
| Aroclor-1260-5 | (5) | 436097628 | 435546231 | 443785112 | 464386884 | 459099080 | 447782987 | 3 |
| Decachlorobiphenyl | | 2971514290 | 3027039307 | 3156019460 | 3385128400 | 3381593200 | 3184258931 | 6 |
| Tetrachloro-m-xylene | | 5186272490 | 5246400280 | 5221242400 | 5478386840 | 5038748400 | 5234210082 | 3 |
| Aroclor-1242-1 | (1) | 120966720 | 124746516 | 133128702 | 141428800 | 141463920 | 132346932 | 7 |
| Aroclor-1242-2 | (2) | 169605960 | 173512545 | 183266616 | 192017376 | 189176180 | 181515735 | 5 |
| Aroclor-1242-3 | (3) | 93390359 | 96634075 | 102245092 | 107691940 | 99411220 | 99874537 | 5 |
| Aroclor-1242-4 | (4) | 96389066 | 101019272 | 107789002 | 115338428 | 114056640 | 106918482 | 8 |
| Aroclor-1242-5 | (5) | 113196636 | 117716005 | 125239314 | 135801980 | 136573300 | 125705447 | 8 |
| Decachlorobiphenyl | | 2727823240 | 2861750760 | 3019178360 | 3243379080 | 3243962600 | 3019218808 | 8 |
| Tetrachloro-m-xylene | | 5001213420 | 5078322907 | 5254229320 | 5289448280 | 4851665000 | 5094975785 | 4 |
| Aroclor-1248-1 | (1) | 91256927 | 94139561 | 100767396 | 107614600 | 108857060 | 100527109 | 8 |
| Aroclor-1248-2 | (2) | 130560541 | 136645137 | 146421094 | 157143508 | 156628300 | 145479716 | 8 |
| Aroclor-1248-3 | (3) | 139283148 | 144897643 | 155701690 | 166430352 | 168727860 | 155008139 | 8 |
| Aroclor-1248-4 | (4) | 163903044 | 169411200 | 180364434 | 193711724 | 196594760 | 180797032 | 8 |
| Aroclor-1248-5 | (5) | 154356880 | 158447996 | 169575560 | 183331920 | 195308840 | 172204239 | 10 |
| Decachlorobiphenyl | | 2790488700 | 2873613467 | 3038569420 | 3241156720 | 3294897400 | 3047745141 | 7 |
| Tetrachloro-m-xylene | | 4955293160 | 5040468413 | 5221131320 | 5264696400 | 4750589600 | 5046435779 | 4 |
| Aroclor-1254-1 | (1) | 243640751 | 248872624 | 260914738 | 280861344 | 273402140 | 261538319 | 6 |
| Aroclor-1254-2 | (2) | 212545511 | 218679507 | 230680254 | 249214456 | 261687520 | 234561450 | 9 |
| Aroclor-1254-3 | (3) | 339799719 | 346366689 | 360950750 | 378906048 | 357499640 | 356704569 | 4 |
| Aroclor-1254-4 | (4) | 192329190 | 189854227 | 199746634 | 214807996 | 168878980 | 193123405 | 9 |
| Aroclor-1254-5 | (5) | 278490681 | 283928981 | 296376396 | 314100456 | 310764660 | 296732235 | 5 |
| Decachlorobiphenyl | | 2841760820 | 2921691133 | 3072525860 | 3310057280 | 3280037800 | 3085214579 | 7 |
| Tetrachloro-m-xylene | | 5117525260 | 5147853200 | 5214583540 | 5337931960 | 4481650800 | 5059908952 | 7 |
| Aroclor-1268-1 | (1) | 554131487 | 553810328 | 564174560 | 591076320 | 593868340 | 571412207 | 3 |

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Fax : 908 789 8922

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1268-2 | (2) | 512614105 | 511079256 | 520949472 | 543420336 | 536655740 | 524943782 | 3 |
| Aroclor-1268-3 | (3) | 413643589 | 412567932 | 420525622 | 442592008 | 450889440 | 428043718 | 4 |
| Aroclor-1268-4 | (4) | 153729603 | 155030577 | 163078820 | 169661456 | 165174880 | 161335067 | 4 |
| Aroclor-1268-5 | (5) | 1087226853 | 1077982207 | 1085826158 | 1121186428 | 1093500600 | 1093144449 | 2 |
| Decachlorobiphenyl | | 4950835750 | 4972853373 | 5123922200 | 5430816080 | 5582978400 | 5212281161 | 5 |
| Tetrachloro-m-xylene | | 5266816140 | 5271127760 | 5328349480 | 5507659840 | 5128975000 | 5300585644 | 3 |

Raw Data

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Fax : 908 789 8922

## INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Instrument ID:** ECD_O **Date(s) Analyzed:** 02/20/2025 02/21/2025

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

| COMPOUND | AMOUNT (ng) | PEAK | RT | RT WINDOW FROM | RT WINDOW TO | CALIBRATION FACTOR |
|---|---|---|---|---|---|---|
| Aroclor-1221 | 500 | 1 | 3.91 | 3.81 | 4.01 | 131879000 |
| | | 2 | 4.00 | 3.90 | 4.10 | 98701000 |
| | | 3 | 4.07 | 3.97 | 4.17 | 269838000 |
| | | 4 | 0.00 | | | 0 |
| | | 5 | 0.00 | | | 0 |
| Aroclor-1232 | 500 | 1 | 4.07 | 3.97 | 4.17 | 208928000 |
| | | 2 | 4.57 | 4.47 | 4.67 | 116083000 |
| | | 3 | 4.81 | 4.71 | 4.91 | 201936000 |
| | | 4 | 4.99 | 4.89 | 5.09 | 111220000 |
| | | 5 | 5.03 | 4.93 | 5.13 | 81668600 |
| Aroclor-1262 | 500 | 1 | 6.85 | 6.75 | 6.95 | 665842000 |
| | | 2 | 7.35 | 7.25 | 7.45 | 1129720000 |
| | | 3 | 7.63 | 7.53 | 7.73 | 448264000 |
| | | 4 | 7.70 | 7.60 | 7.80 | 829210000 |
| | | 5 | 8.19 | 8.09 | 8.29 | 373330000 |

Raw Data

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

## INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Instrument ID:** ECD_O **Date(s) Analyzed:** 02/20/2025 02/21/2025

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

| COMPOUND | AMOUNT (ng) | PEAK | RT | RT WINDOW FROM | RT WINDOW TO | CALIBRATION FACTOR |
|---|---|---|---|---|---|---|
| Aroclor-1221 | 500 | 1 | 3.91 | 3.81 | 4.01 | 68502400 |
| | | 2 | 3.99 | 3.89 | 4.09 | 51339800 |
| | | 3 | 4.07 | 3.97 | 4.17 | 145428000 |
| | | 4 | 0.00 | | | 0 |
| | | 5 | 0.00 | | | 0 |
| Aroclor-1232 | 500 | 1 | 4.07 | 3.97 | 4.17 | 111462000 |
| | | 2 | 4.80 | 4.70 | 4.90 | 103317000 |
| | | 3 | 4.97 | 4.87 | 5.07 | 56771800 |
| | | 4 | 5.06 | 4.96 | 5.16 | 54894600 |
| | | 5 | 5.23 | 5.13 | 5.33 | 58805000 |
| Aroclor-1262 | 500 | 1 | 6.81 | 6.71 | 6.91 | 317212000 |
| | | 2 | 7.31 | 7.21 | 7.41 | 498620000 |
| | | 3 | 7.60 | 7.50 | 7.70 | 196255000 |
| | | 4 | 7.66 | 7.56 | 7.76 | 354890000 |
| | | 5 | 8.15 | 8.05 | 8.25 | 143138000 |

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:46
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:01:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.694 | 959.4E6 | 518.6E6 | 101.979 | 99.330 |
| 2) | SA Decachlor... | 8.757 | 8.706 | 814.4E6 | 297.2E6 | 95.337 | 94.154 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.792 | 4.777 | 286.0E6 | 144.4E6 | 947.879 | 949.948 |
| 4) | L1 AR-1016-2 | 4.811 | 4.797 | 400.3E6 | 205.2E6 | 965.511 | 961.439 |
| 5) | L1 AR-1016-3 | 4.867 | 4.972 | 275.7E6 | 112.3E6 | 952.692 | 958.107 |
| 6) | L1 AR-1016-4 | 4.988 | 5.014 | 217.8E6 | 94709981 | 963.891 | 936.192 |
| 7) | L1 AR-1016-5 | 5.246 | 5.228 | 234.9E6 | 124.4E6 | 931.212 | 937.977 |
| 31) | L7 AR-1260-1 | 6.288 | 6.261 | 432.9E6 | 217.9E6 | 945.041 | 936.394 |
| 32) | L7 AR-1260-2 | 6.477 | 6.448 | 530.6E6 | 255.6E6 | 964.756 | 950.643 |
| 33) | L7 AR-1260-3 | 6.845 | 6.602 | 446.1E6 | 239.3E6 | 962.297 | 957.595 |
| 34) | L7 AR-1260-4 | 7.106 | 7.073 | 409.2E6 | 194.0E6 | 960.466 | 959.295 |
| 35) | L7 AR-1260-5 | 7.347 | 7.314 | 975.2E6 | 436.1E6 | 973.819 | 982.677 |

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

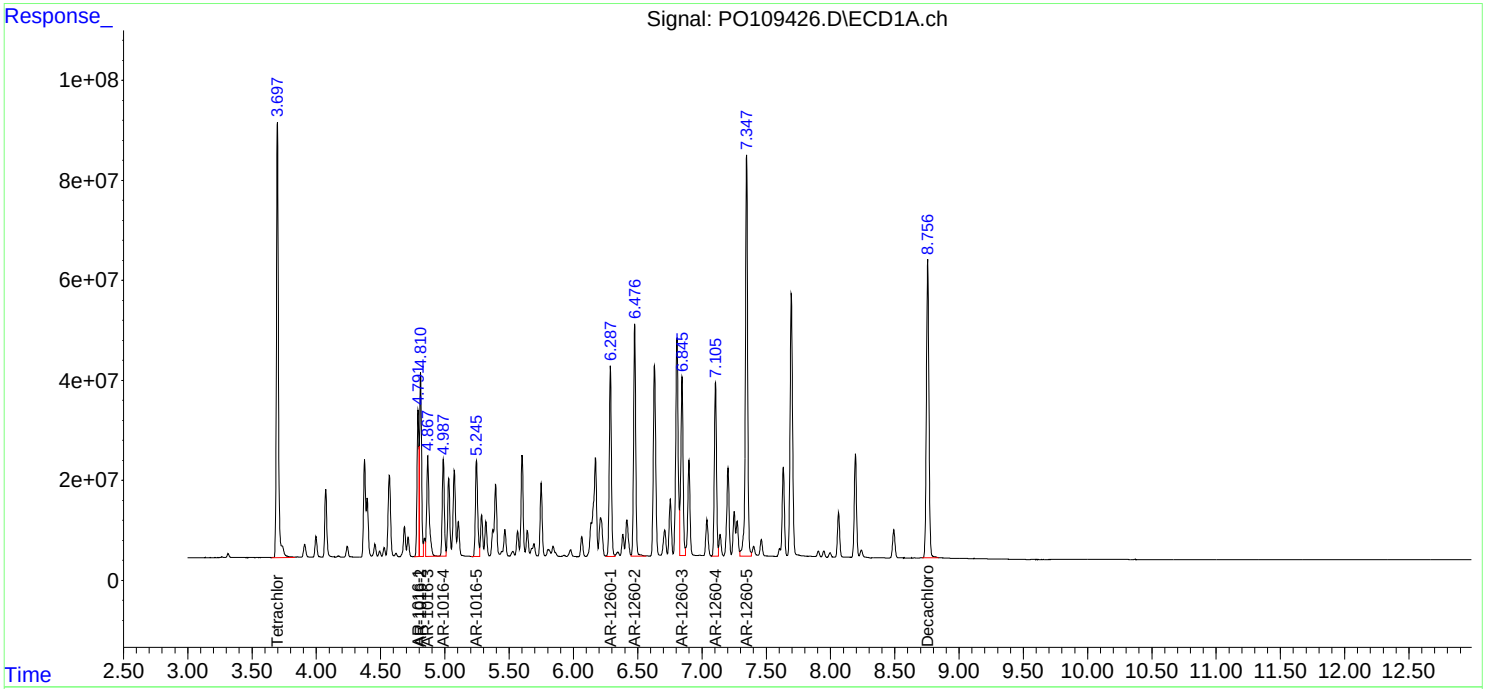
ICAL Form

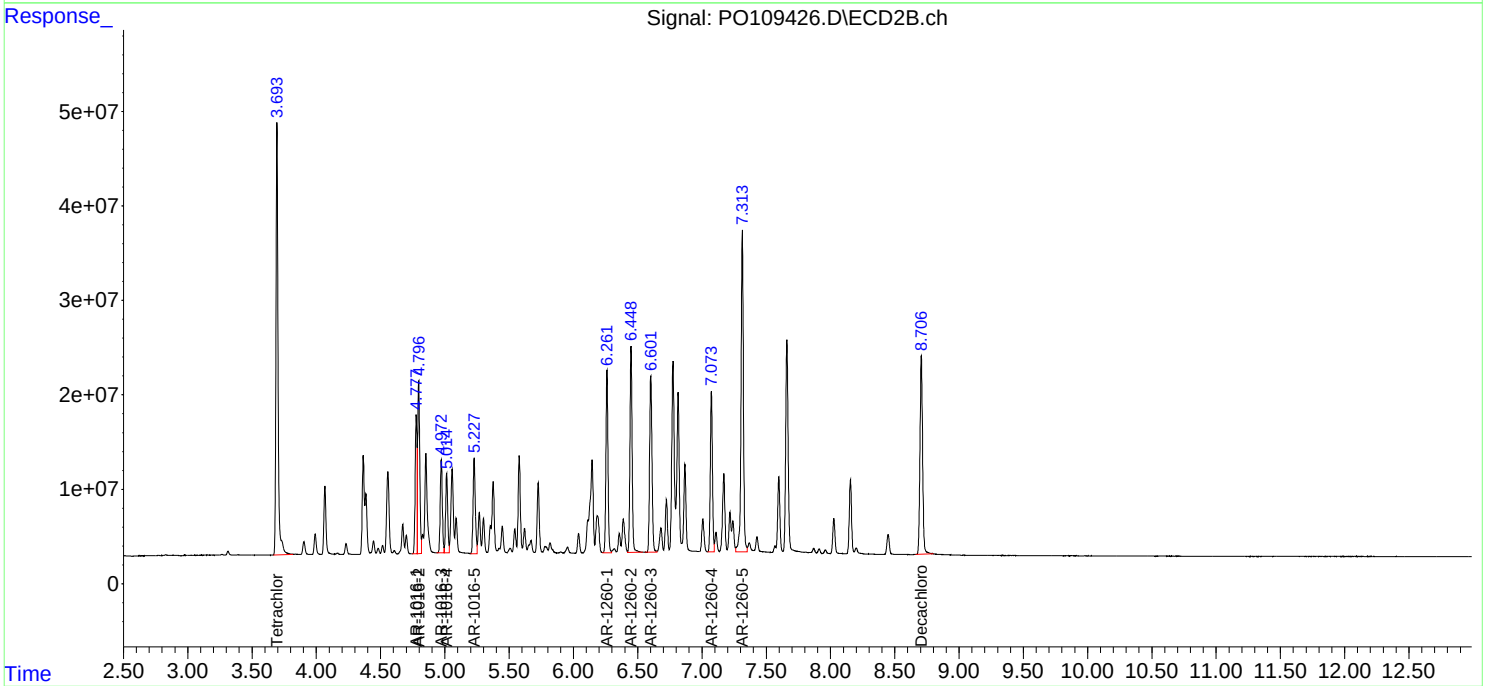
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:46
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:01:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:04
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:01:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.694 | 703.7E6 | 393.5E6 | 74.797 | 75.361 |
| 2) | SA Decachlor... | 8.756 | 8.707 | 619.0E6 | 227.0E6 | 72.459 | 71.935 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.792 | 4.777 | 222.4E6 | 111.3E6 | 737.053 | 732.224 |
| 4) | L1 AR-1016-2 | 4.811 | 4.797 | 306.9E6 | 156.4E6 | 740.060 | 732.696 |
| 5) | L1 AR-1016-3 | 4.868 | 4.972 | 213.6E6 | 86300545 | 737.941 | 736.273 |
| 6) | L1 AR-1016-4 | 4.988 | 5.014 | 168.4E6 | 74038301 | 745.007 | 731.856 |
| 7) | L1 AR-1016-5 | 5.246 | 5.227 | 183.1E6 | 95957712 | 725.929 | 723.422 |
| 31) | L7 AR-1260-1 | 6.288 | 6.261 | 333.8E6 | 167.8E6 | 728.713 | 721.133 |
| 32) | L7 AR-1260-2 | 6.477 | 6.448 | 405.4E6 | 194.5E6 | 737.182 | 723.592 |
| 33) | L7 AR-1260-3 | 6.845 | 6.602 | 344.0E6 | 181.6E6 | 742.158 | 726.793 |
| 34) | L7 AR-1260-4 | 7.106 | 7.073 | 312.8E6 | 147.7E6 | 734.167 | 730.335 |
| 35) | L7 AR-1260-5 | 7.347 | 7.314 | 736.8E6 | 326.7E6 | 735.724 | 736.076 |

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

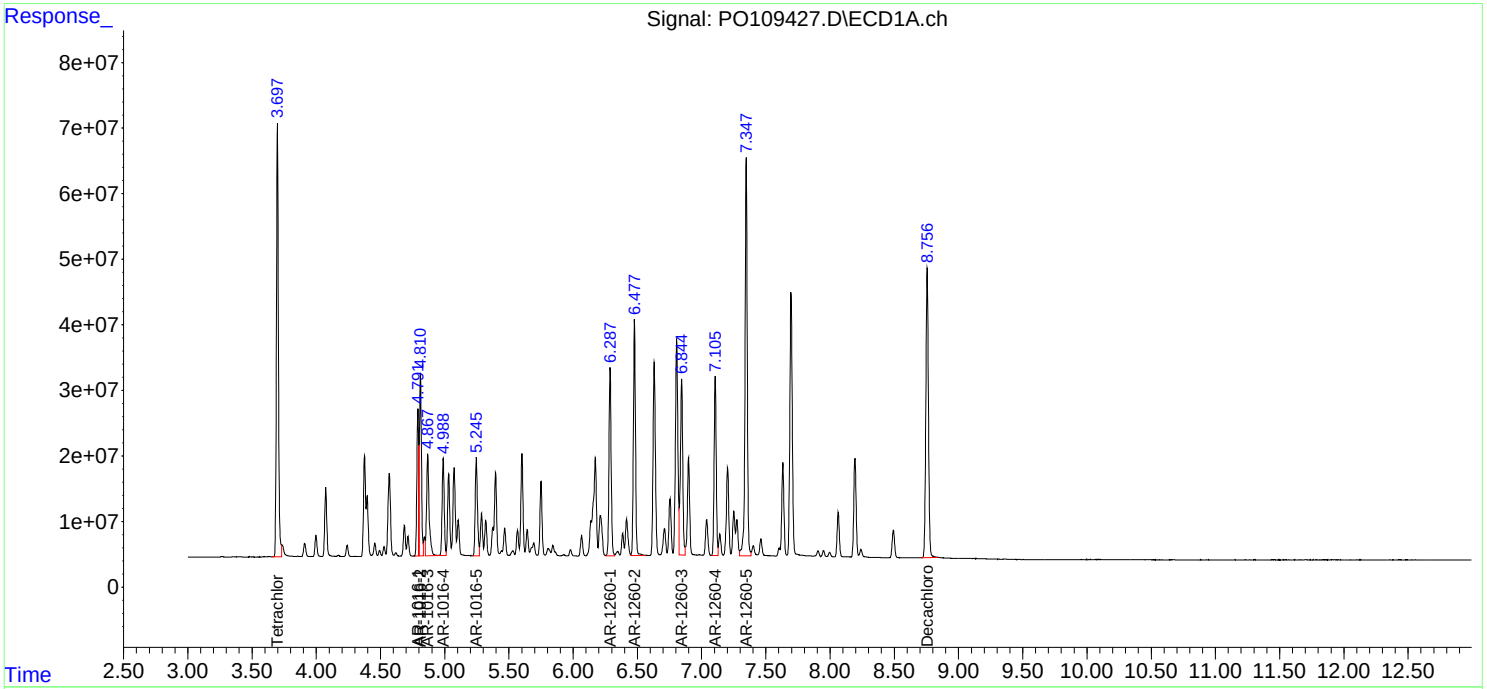
ICAL Form

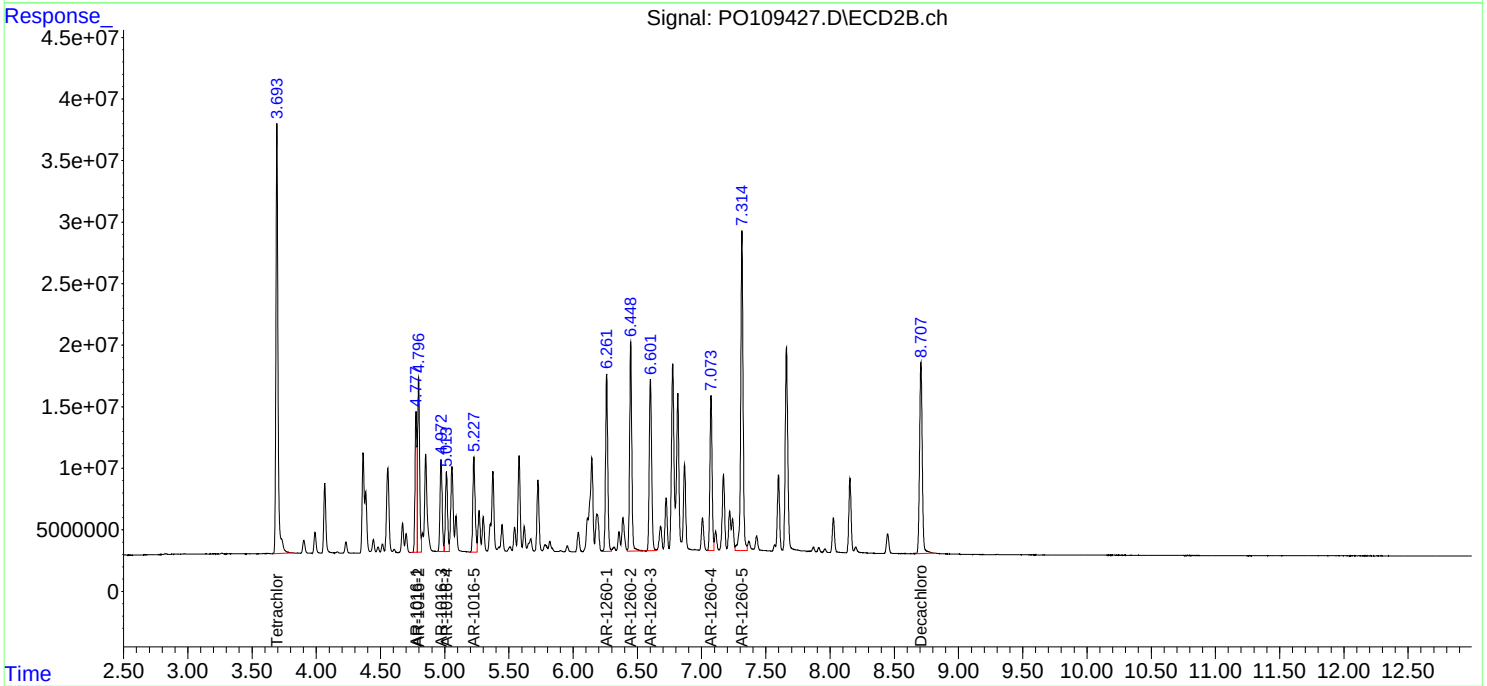
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:04
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:01:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:23
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:01:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.698 | 3.694 | 470.4E6 | 261.1E6 | 50.000 | 50.000 |
| 2) SA | Decachlor... | 8.757 | 8.707 | 427.1E6 | 157.8E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 3) L1 | AR-1016-1 | 4.791 | 4.778 | 150.8E6 | 76016048 | 500.000 | 500.000 |
| 4) L1 | AR-1016-2 | 4.811 | 4.797 | 207.3E6 | 106.7E6 | 500.000 | 500.000 |
| 5) L1 | AR-1016-3 | 4.867 | 4.972 | 144.7E6 | 58606311 | 500.000 | 500.000 |
| 6) L1 | AR-1016-4 | 4.988 | 5.014 | 113.0E6 | 50582551 | 500.000 | 500.000 |
| 7) L1 | AR-1016-5 | 5.245 | 5.227 | 126.1E6 | 66322049 | 500.000 | 500.000 |
| 31) L7 | AR-1260-1 | 6.288 | 6.261 | 229.0E6 | 116.4E6 | 500.000 | 500.000 |
| 32) L7 | AR-1260-2 | 6.477 | 6.448 | 275.0E6 | 134.4E6 | 500.000 | 500.000 |
| 33) L7 | AR-1260-3 | 6.846 | 6.602 | 231.8E6 | 124.9E6 | 500.000 | 500.000 |
| 34) L7 | AR-1260-4 | 7.105 | 7.074 | 213.0E6 | 101.1E6 | 500.000 | 500.000 |
| 35) L7 | AR-1260-5 | 7.347 | 7.314 | 500.7E6 | 221.9E6 | 500.000 | 500.000 |

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

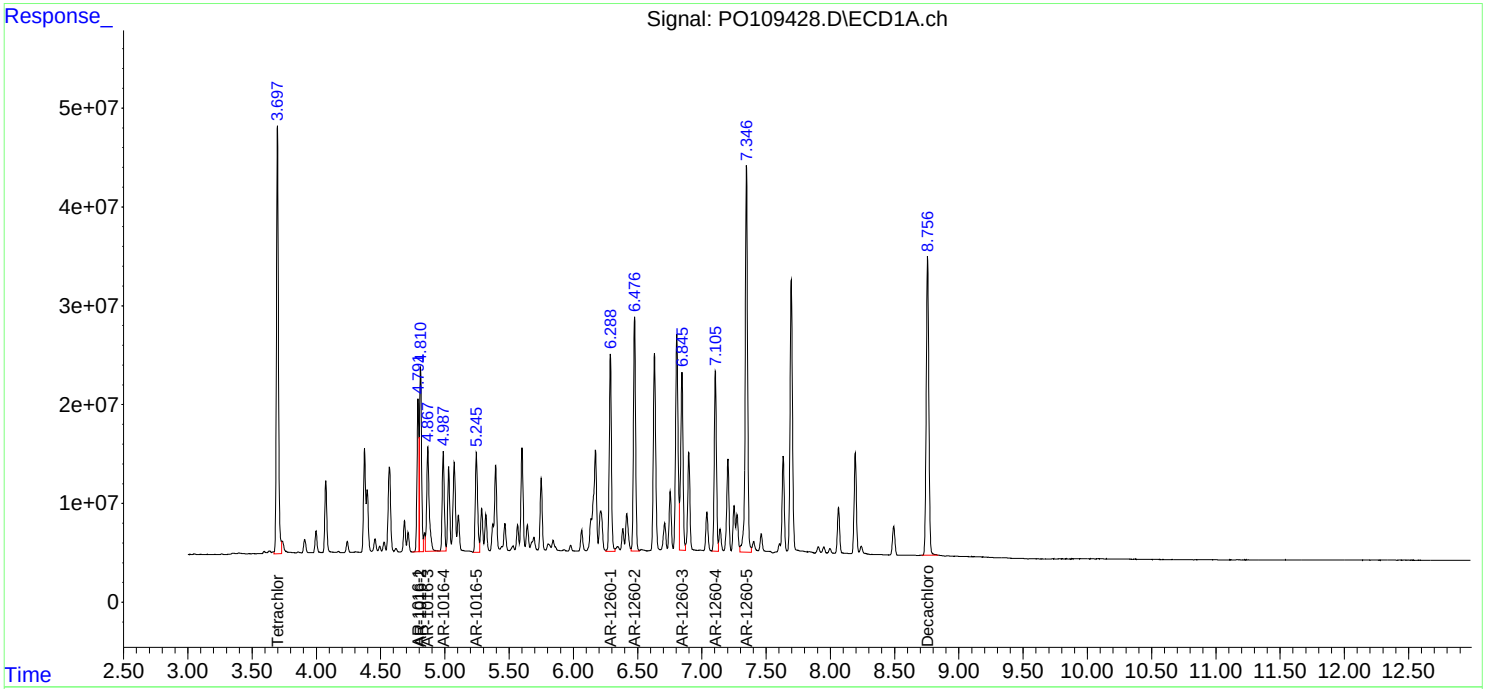
ICAL Form

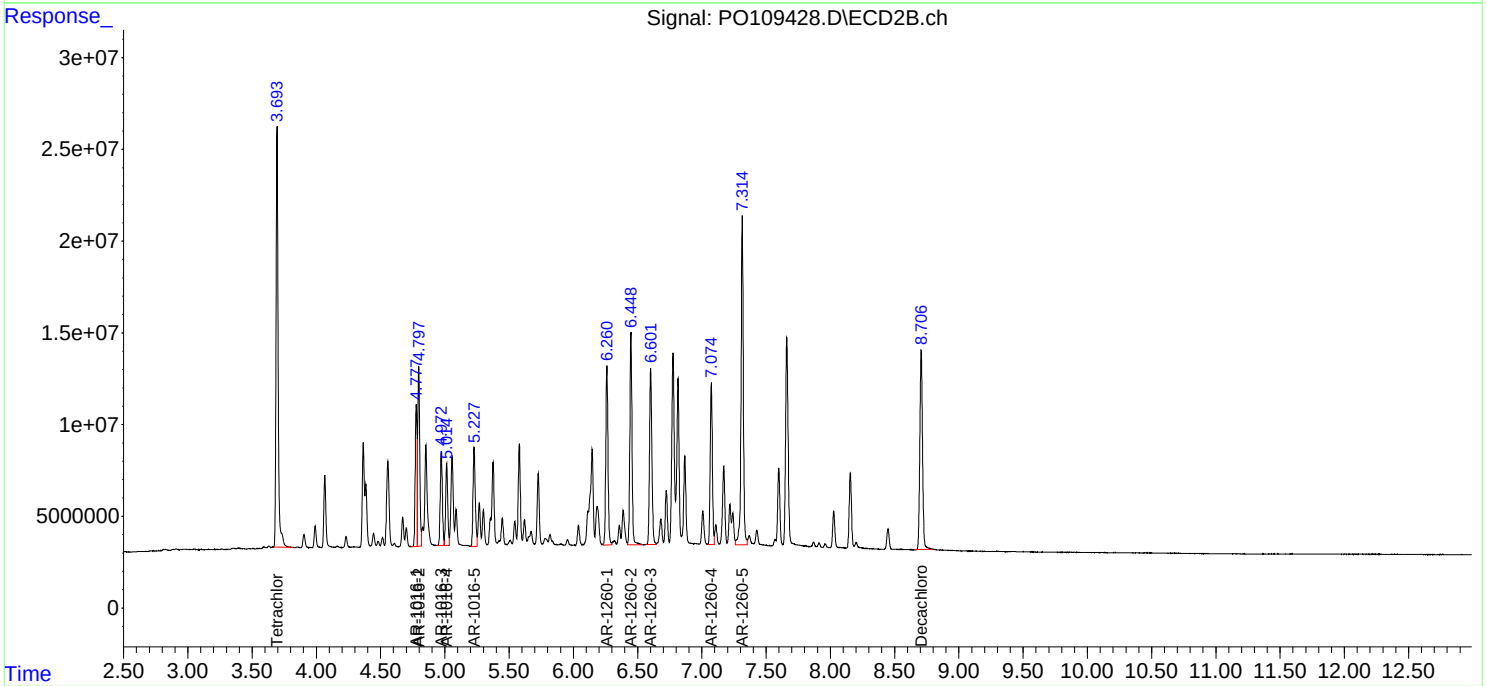
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:23
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:01:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:41
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.694 | 246.0E6 | 137.0E6 | 26.146 | 26.231 |
| 2) SA | Decachlor... | 8.756 | 8.706 | 226.7E6 | 84628210 | 26.540 | 26.815 |
| | Target Compounds | | | | | | |
| 3) L1 | AR-1016-1 | 4.792 | 4.777 | 82518483 | 41871215 | 273.531 | 275.410 |
| 4) L1 | AR-1016-2 | 4.811 | 4.797 | 111.7E6 | 57379891 | 269.270 | 268.843 |
| 5) L1 | AR-1016-3 | 4.867 | 4.972 | 80308042 | 32144937 | 277.495 | 274.245 |
| 6) L1 | AR-1016-4 | 4.988 | 5.014 | 62339803 | 28230969 | 275.865 | 279.058 |
| 7) L1 | AR-1016-5 | 5.245 | 5.227 | 70018354 | 36586426 | 277.554 | 275.824 |
| 31) L7 | AR-1260-1 | 6.288 | 6.261 | 124.2E6 | 62911160 | 271.251 | 270.307 |
| 32) L7 | AR-1260-2 | 6.477 | 6.448 | 149.2E6 | 72803856 | 271.304 | 270.815 |
| 33) L7 | AR-1260-3 | 6.845 | 6.602 | 126.3E6 | 67569863 | 272.383 | 270.390 |
| 34) L7 | AR-1260-4 | 7.105 | 7.073 | 114.5E6 | 54553512 | 268.783 | 269.775 |
| 35) L7 | AR-1260-5 | 7.347 | 7.313 | 258.7E6 | 116.1E6 | 258.356 | 261.606 |

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

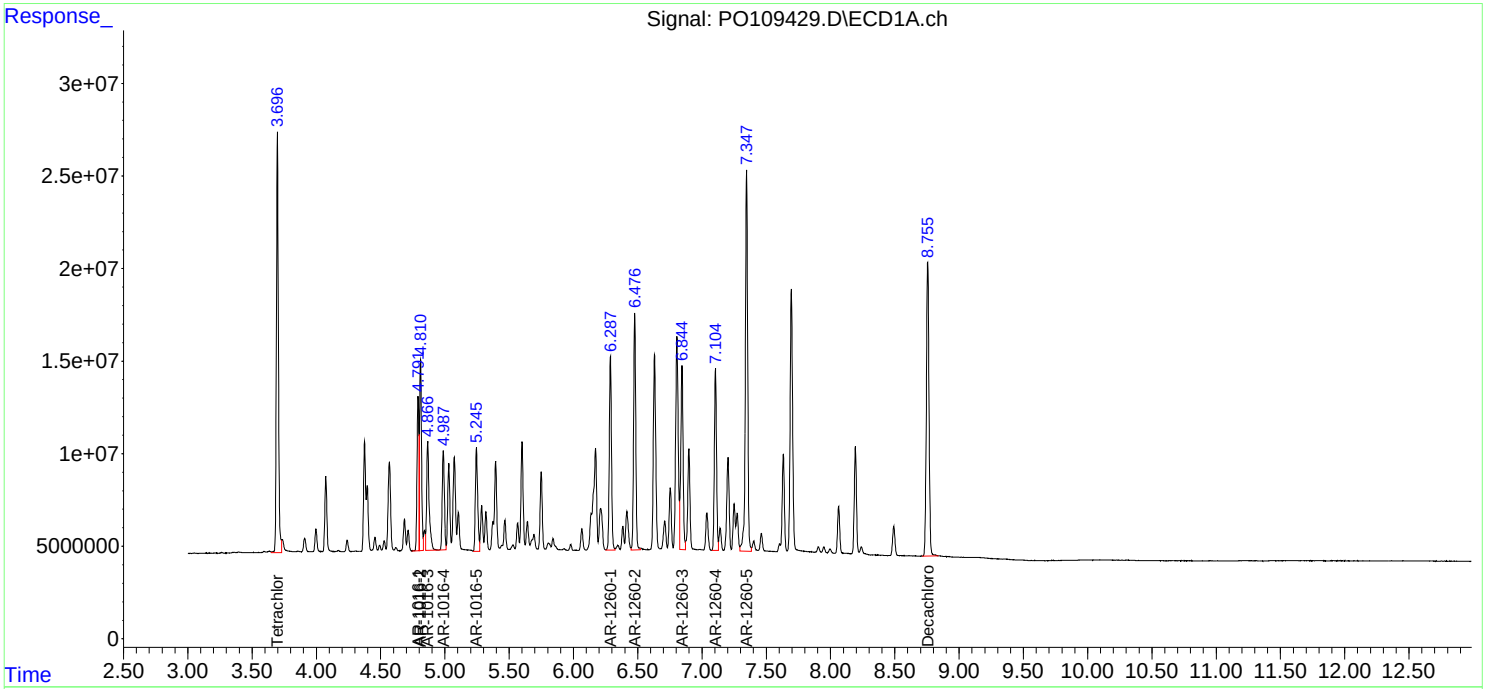
ICAL Form

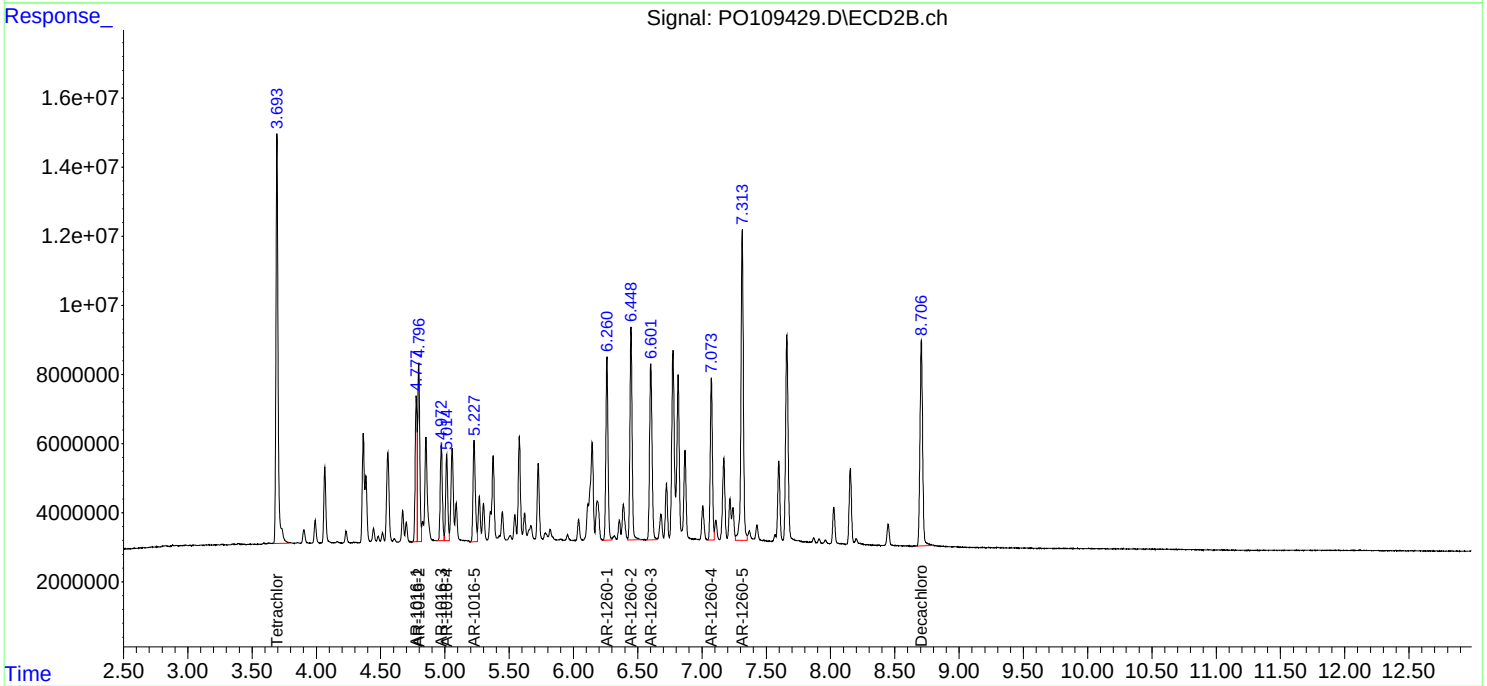
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:41
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:59
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:02:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 45508763 | 25193742 | 4.837 | 4.825 |
| 2) SA | Decachlor... | 8.755 | 8.705 | 45000005 | 16907966 | 5.268 | 5.357 |
| | Target Compounds | | | | | | |
| 3) L1 | AR-1016-1 | 4.792 | 4.777 | 16363626 | 8424215 | 54.242 | 55.411 |
| 4) L1 | AR-1016-2 | 4.812 | 4.796 | 21719389 | 11275252 | 52.381 | 52.828 |
| 5) L1 | AR-1016-3 | 4.867 | 4.972 | 15399280 | 6204706 | 53.210 | 52.935 |
| 6) L1 | AR-1016-4 | 4.988 | 5.014 | 12063318 | 5641806 | 53.382 | 55.768 |
| 7) L1 | AR-1016-5 | 5.246 | 5.227 | 13985942 | 7495853 | 55.441 | 56.511 |
| 31) L7 | AR-1260-1 | 6.287 | 6.261 | 24888578 | 12924776 | 54.338 | 55.533 |
| 32) L7 | AR-1260-2 | 6.476 | 6.448 | 30375809 | 15043931 | 55.229 | 55.960 |
| 33) L7 | AR-1260-3 | 6.844 | 6.601 | 25249901 | 13685351 | 54.473 | 54.764 |
| 34) L7 | AR-1260-4 | 7.104 | 7.073 | 22377315 | 10981241 | 52.520 | 54.304 |
| 35) L7 | AR-1260-5 | 7.346 | 7.313 | 48767614 | 22954954 | 48.696 | 51.725 |

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

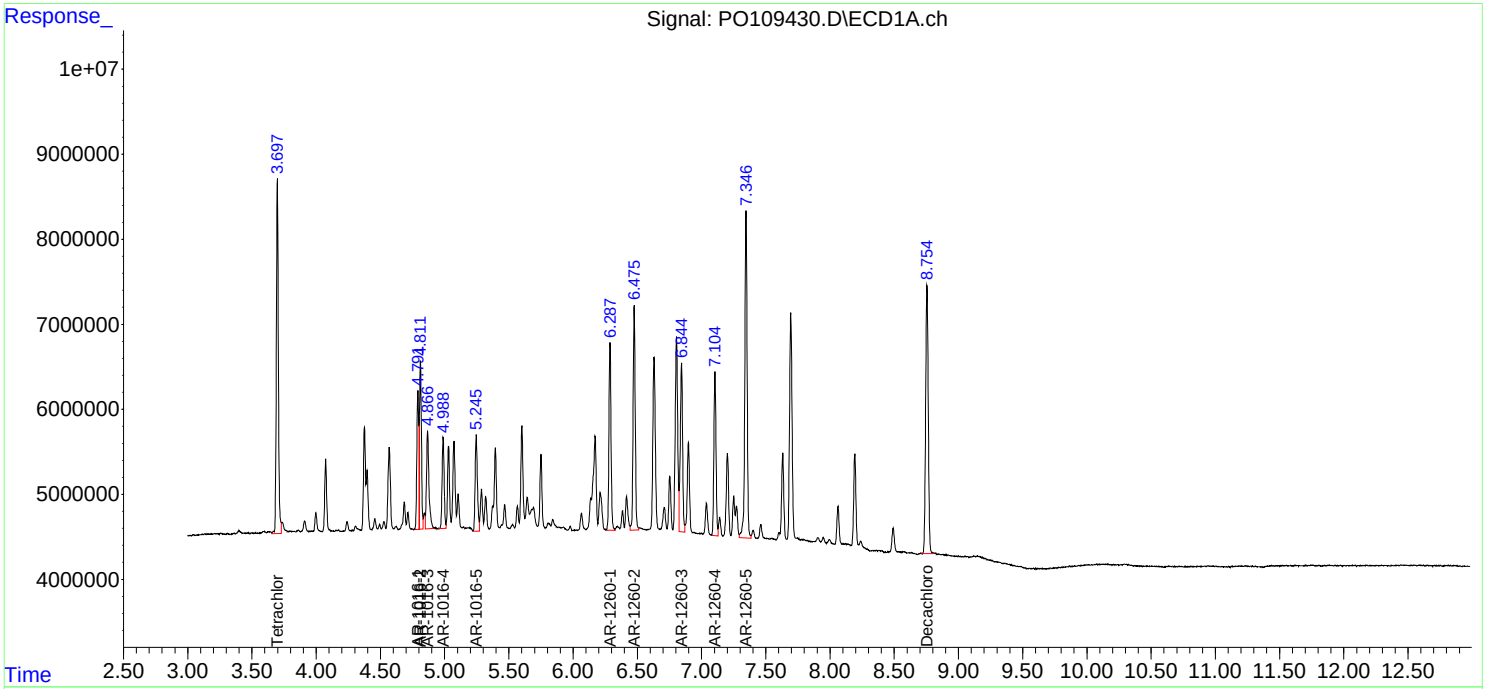
ICAL Form

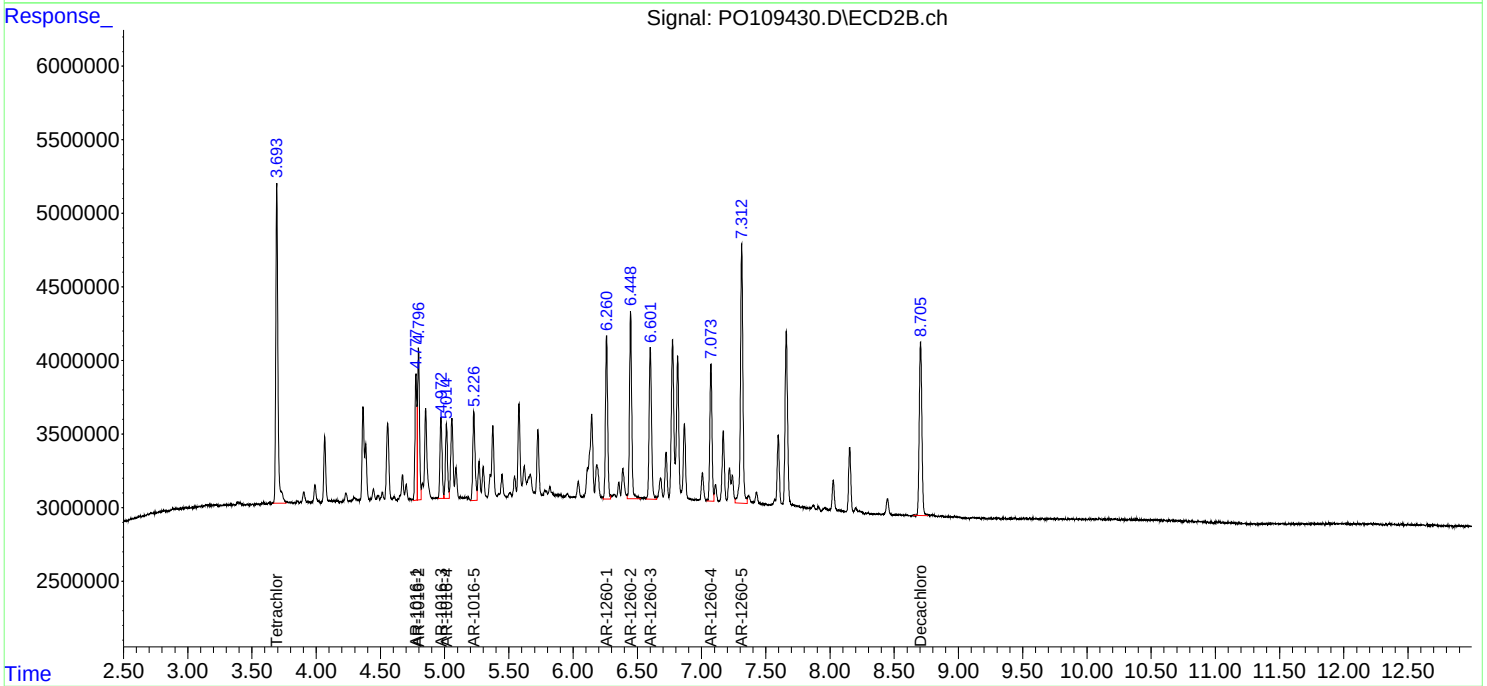
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:59
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:02:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:18
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:14:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:14:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 493.2E6 | 265.7E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.755 | 8.707 | 432.4E6 | 160.0E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 8) | L2 AR-1221-1 | 3.910 | 3.905 | 65939528 | 34251207 | 500.000 | 500.000 |
| 9) | L2 AR-1221-2 | 3.997 | 3.990 | 49350500 | 25669896 | 500.000 | 500.000 |
| 10) | L2 AR-1221-3 | 4.074 | 4.066 | 134.9E6 | 72714061 | 500.000 | 500.000 |

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

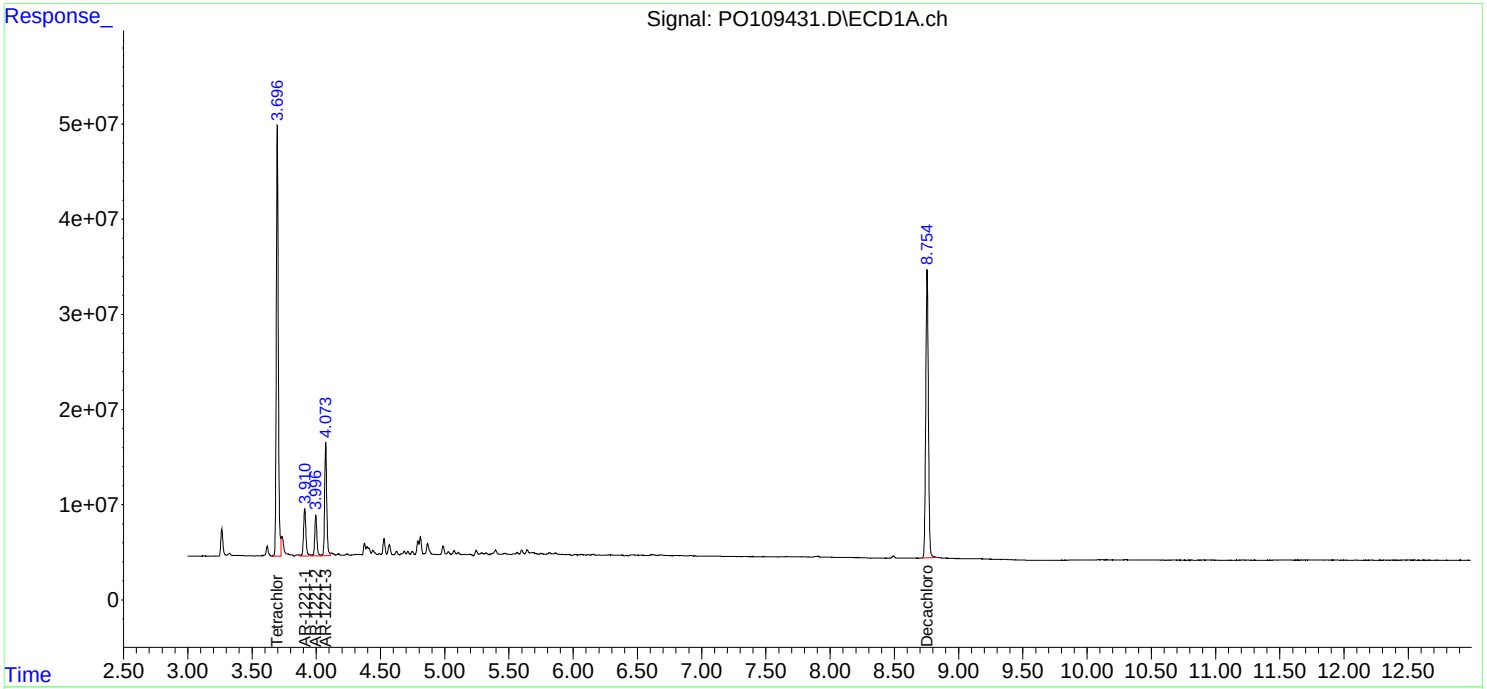
ICAL Form

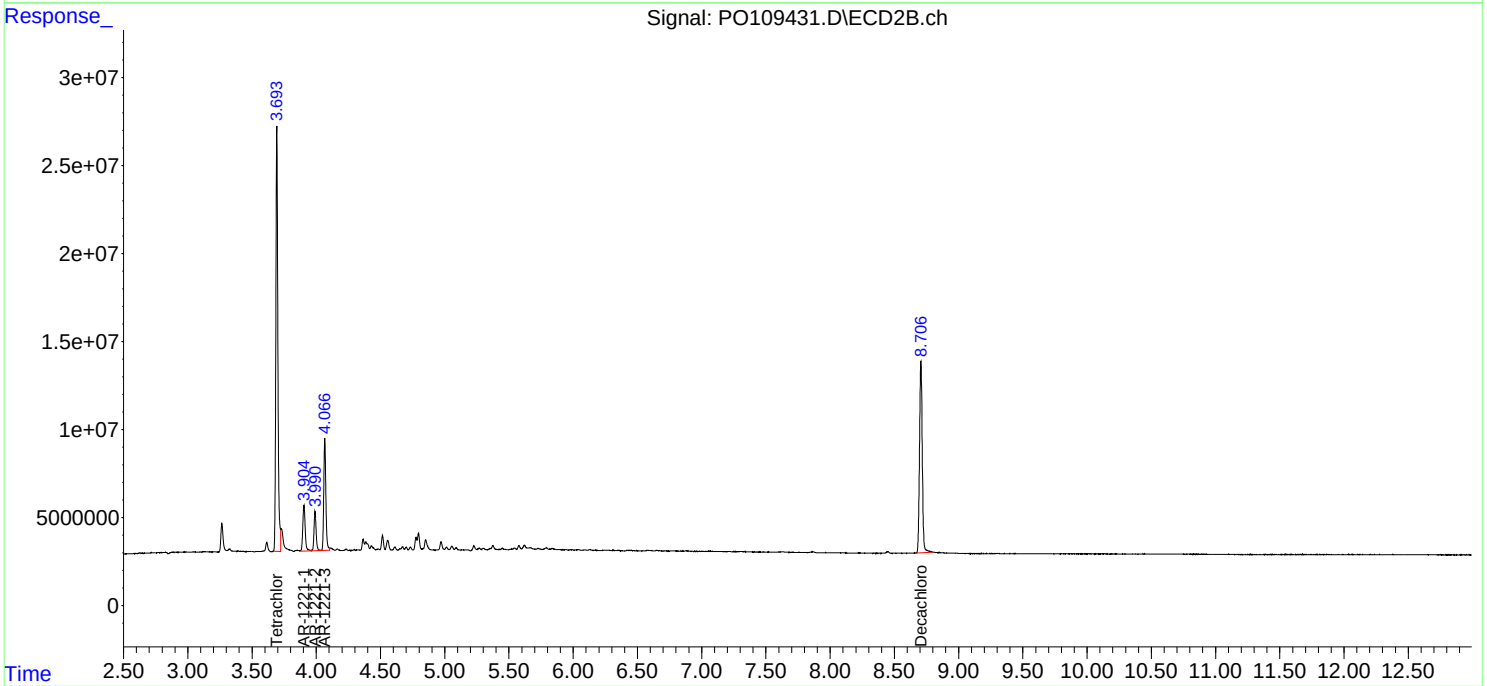
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:18
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:14:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:14:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:36
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:23:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:22:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 461.7E6 | 262.6E6 | 50.000 | 50.000 |
| 2) SA | Decachlor... | 8.757 | 8.706 | 402.2E6 | 149.0E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 11) L3 | AR-1232-1 | 4.074 | 4.066 | 104.5E6 | 55730818 | 500.000 | 500.000 |
| 12) L3 | AR-1232-2 | 4.569 | 4.796 | 58041447 | 51658633 | 500.000 | 500.000 |
| 13) L3 | AR-1232-3 | 4.811 | 4.972 | 101.0E6 | 28385926 | 500.000 | 500.000 |
| 14) L3 | AR-1232-4 | 4.988 | 5.056 | 55610100 | 27447264 | 500.000 | 500.000 |
| 15) L3 | AR-1232-5 | 5.030 | 5.227 | 40834319 | 29402463 | 500.000 | 500.000 |

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

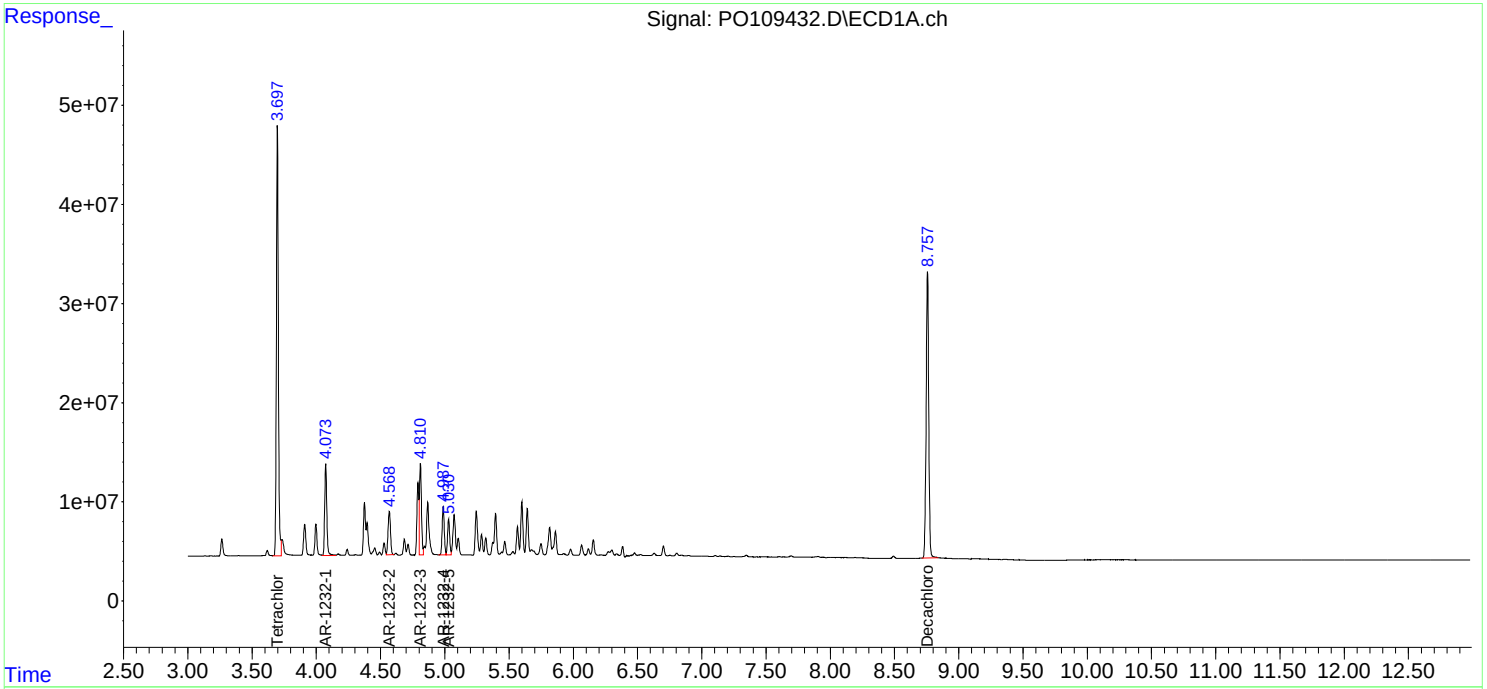
ICAL Form

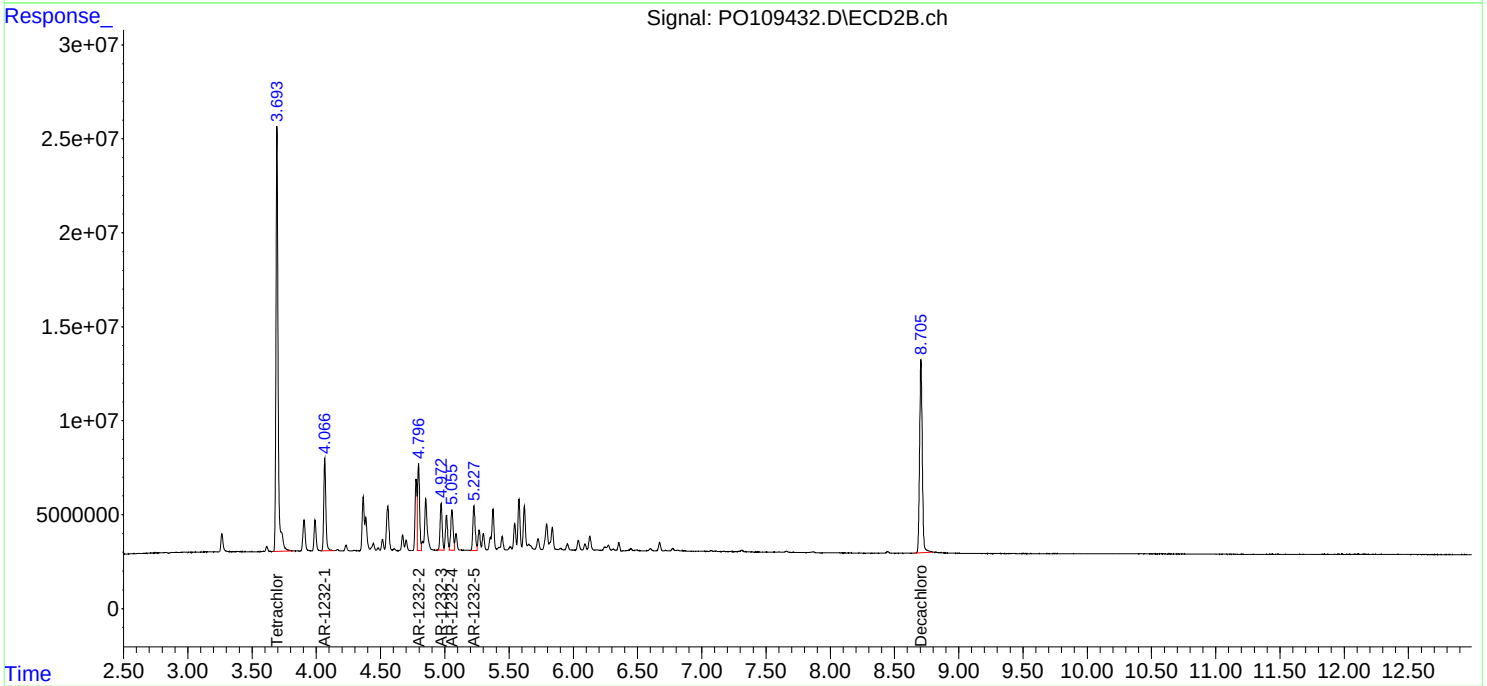
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:36
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:23:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:22:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:55
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:27:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.694 | 923.7E6 | 500.1E6 | 97.778 | 95.185 |
| 2) | SA Decachlor... | 8.755 | 8.706 | 757.1E6 | 272.8E6 | 92.369 | 90.350 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.792 | 4.777 | 241.6E6 | 121.0E6 | 916.426 | 908.645 |
| 17) | L4 AR-1242-2 | 4.811 | 4.797 | 330.3E6 | 169.6E6 | 917.306 | 925.460 |
| 18) | L4 AR-1242-3 | 4.867 | 4.972 | 231.0E6 | 93390359 | 900.175 | 913.397 |
| 19) | L4 AR-1242-4 | 4.988 | 5.056 | 181.9E6 | 96389066 | 908.484 | 894.238 |
| 20) | L4 AR-1242-5 | 5.642 | 5.579 | 192.2E6 | 113.2E6 | 904.779 | 903.843 |

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

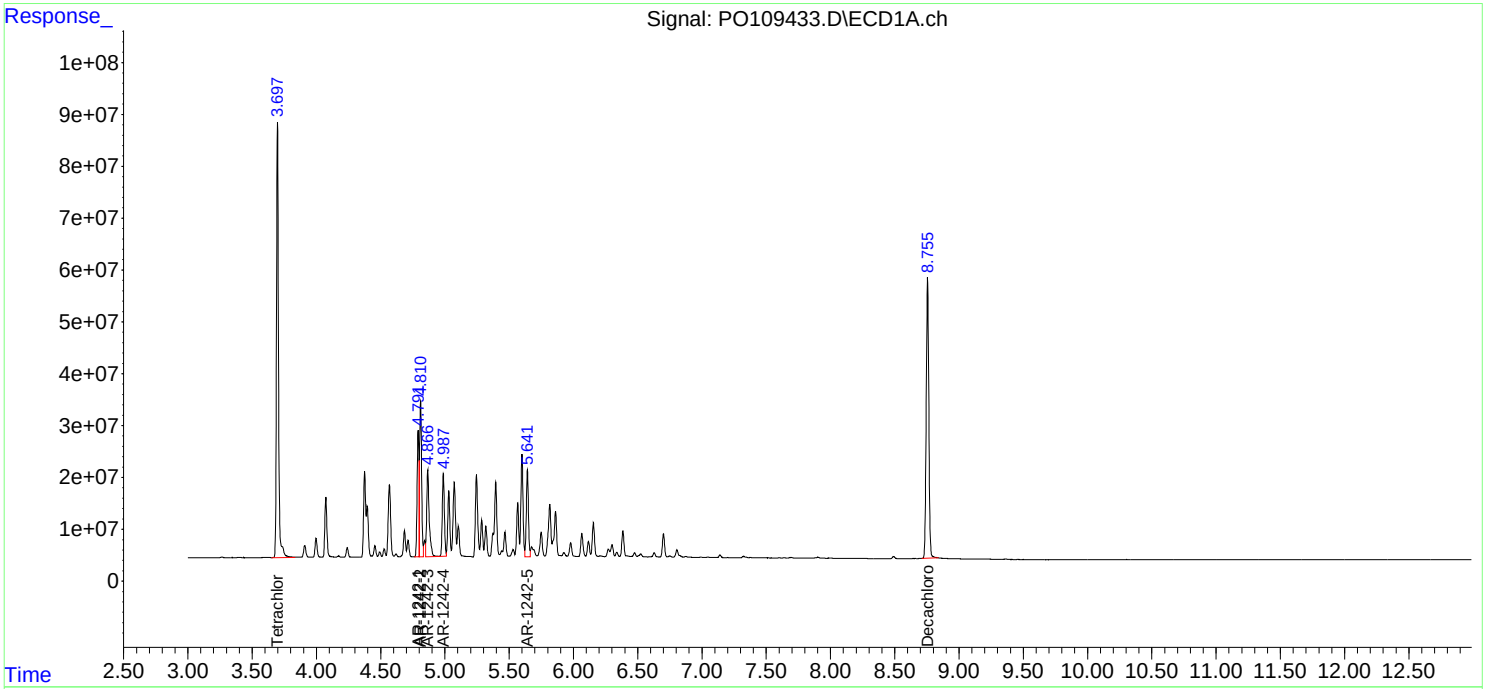
ICAL Form

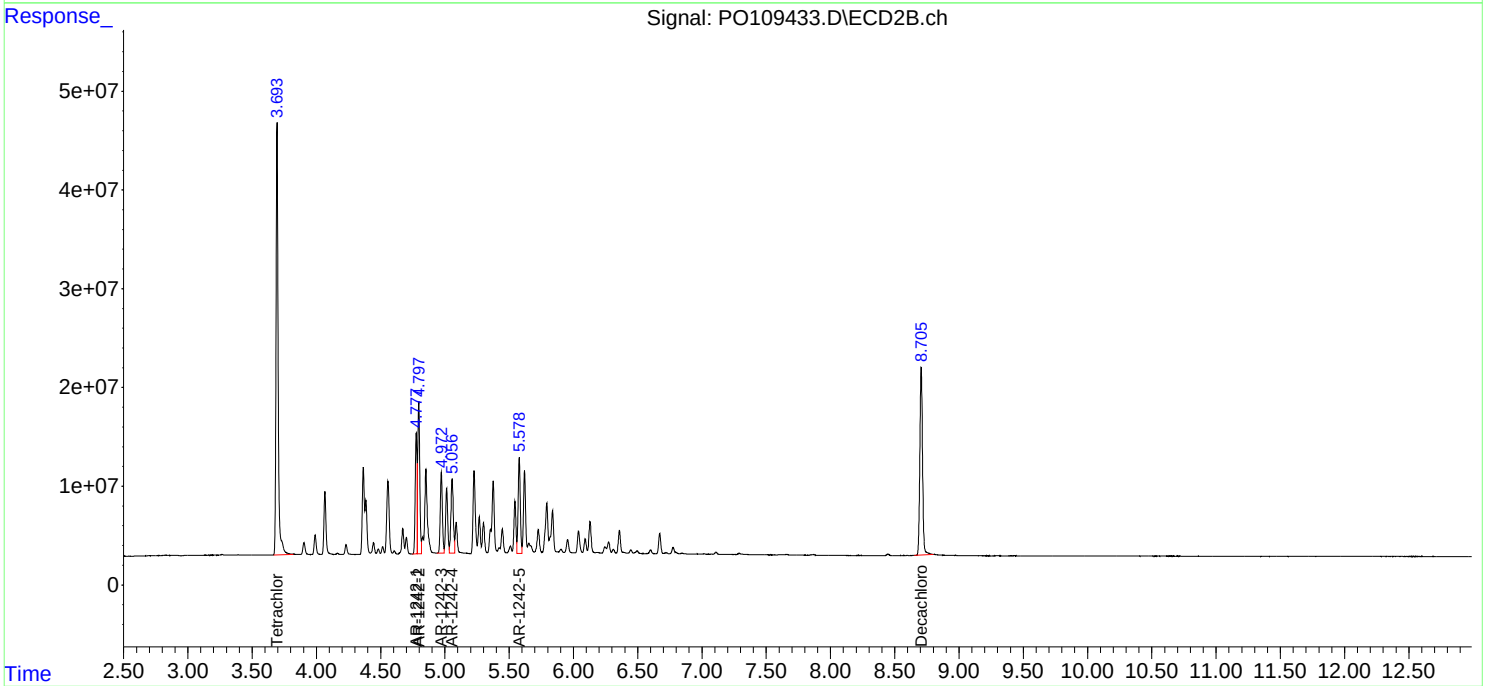
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:55
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:27:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:13
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:27:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.698 | 3.694 | 705.0E6 | 380.9E6 | 74.630 | 72.489 |
| 2) | SA Decachlor... | 8.755 | 8.706 | 583.7E6 | 214.6E6 | 71.212 | 71.089 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.792 | 4.777 | 186.6E6 | 93559887 | 707.886 | 702.778 |
| 17) | L4 AR-1242-2 | 4.812 | 4.796 | 255.9E6 | 130.1E6 | 710.666 | 710.082 |
| 18) | L4 AR-1242-3 | 4.868 | 4.972 | 179.6E6 | 72475556 | 699.816 | 708.841 |
| 19) | L4 AR-1242-4 | 4.989 | 5.057 | 141.2E6 | 75764454 | 705.184 | 702.896 |
| 20) | L4 AR-1242-5 | 5.643 | 5.578 | 148.7E6 | 88287004 | 700.176 | 704.946 |

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

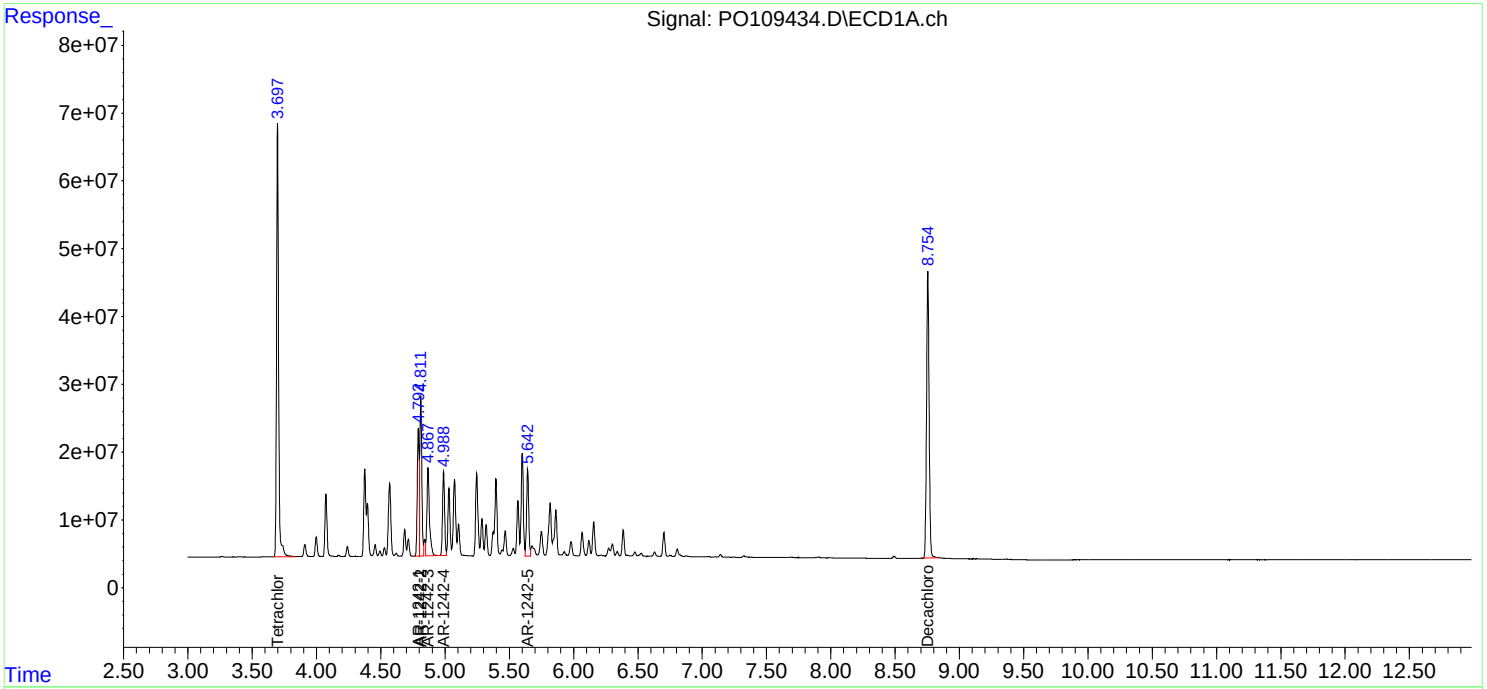
ICAL Form

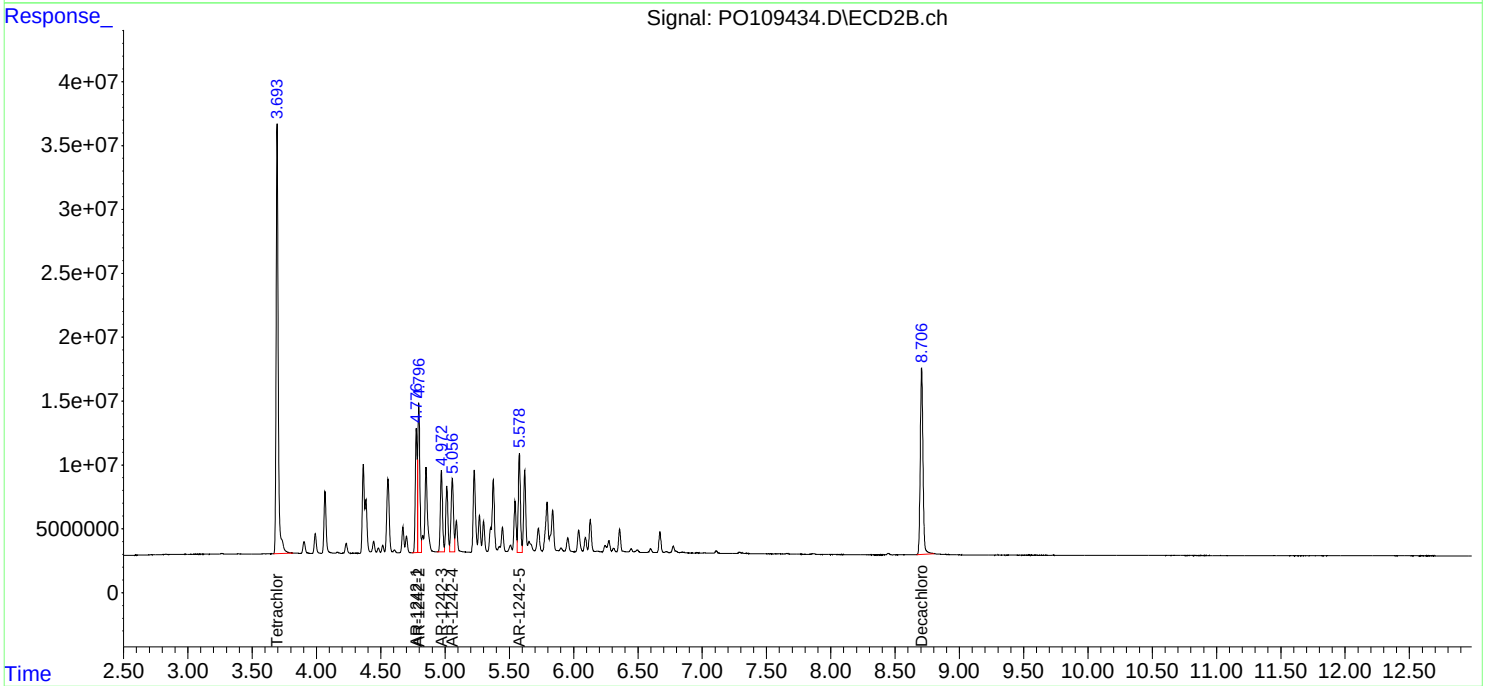
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:13
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:27:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:31
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.698 | 3.694 | 472.3E6 | 262.7E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.756 | 8.707 | 409.9E6 | 151.0E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.792 | 4.777 | 131.8E6 | 66564351 | 500.000 | 500.000 |
| 17) | L4 AR-1242-2 | 4.811 | 4.797 | 180.0E6 | 91633308 | 500.000 | 500.000 |
| 18) | L4 AR-1242-3 | 4.868 | 4.972 | 128.3E6 | 51122546 | 500.000 | 500.000 |
| 19) | L4 AR-1242-4 | 4.989 | 5.057 | 100.1E6 | 53894501 | 500.000 | 500.000 |
| 20) | L4 AR-1242-5 | 5.642 | 5.578 | 106.2E6 | 62619657 | 500.000 | 500.000 |

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

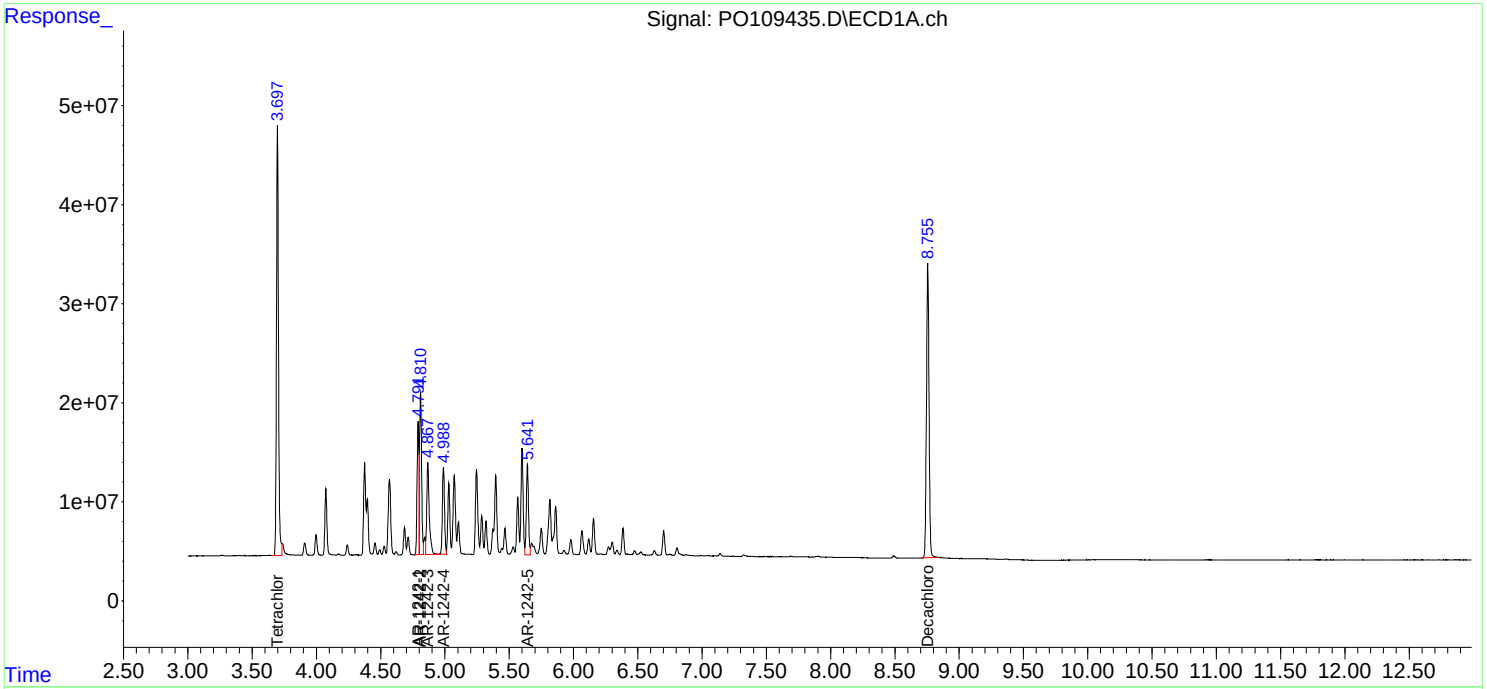
ICAL Form

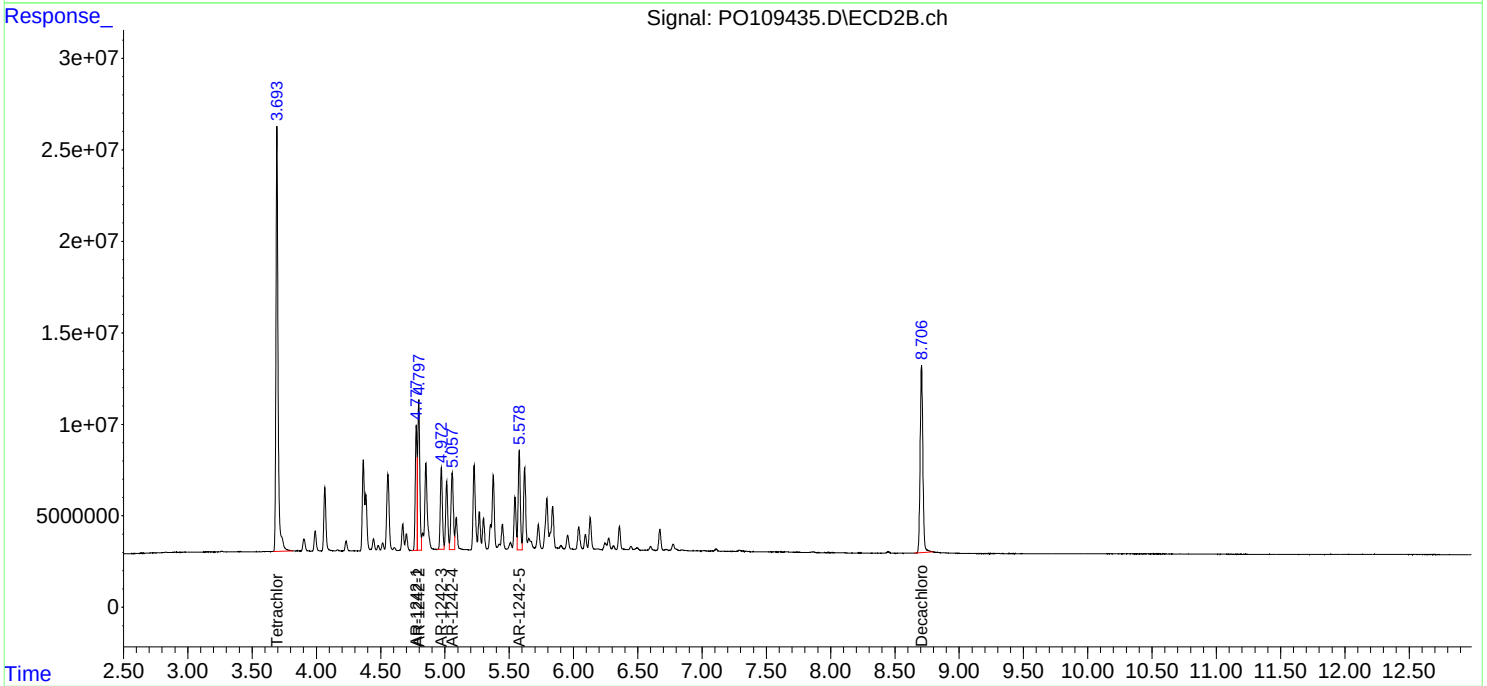
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:31
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:50
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.694 | 239.2E6 | 132.2E6 | 25.321 | 25.168 |
| 2) | SA Decachlor... | 8.755 | 8.706 | 217.2E6 | 81084477 | 26.492 | 26.856 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.791 | 4.777 | 69551526 | 35357200 | 263.870 | 265.587 |
| 17) | L4 AR-1242-2 | 4.811 | 4.796 | 94458948 | 48004344 | 262.369 | 261.937 |
| 18) | L4 AR-1242-3 | 4.867 | 4.972 | 67985441 | 26922985 | 264.977 | 263.318 |
| 19) | L4 AR-1242-4 | 4.988 | 5.056 | 52548713 | 28834607 | 262.488 | 267.510 |
| 20) | L4 AR-1242-5 | 5.642 | 5.578 | 58079362 | 33950495 | 273.412 | 271.085 |

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

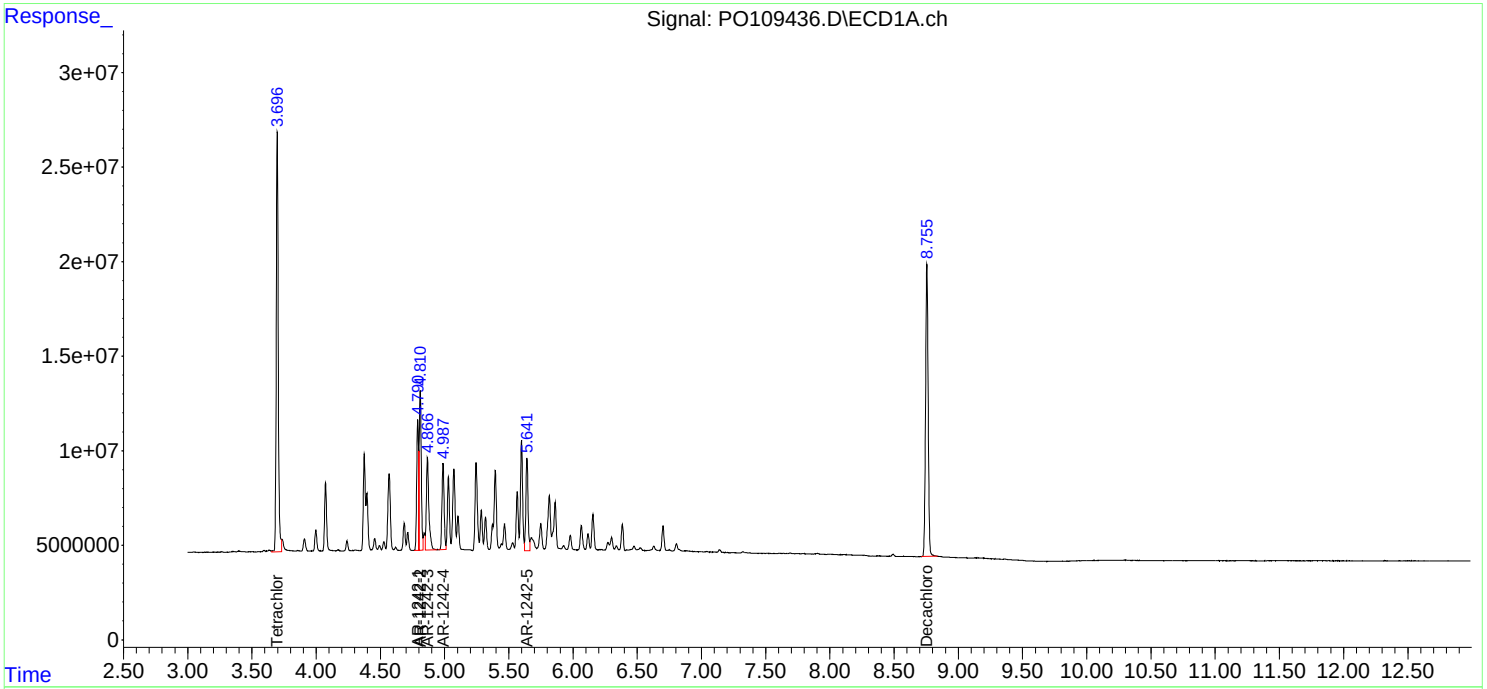
ICAL Form

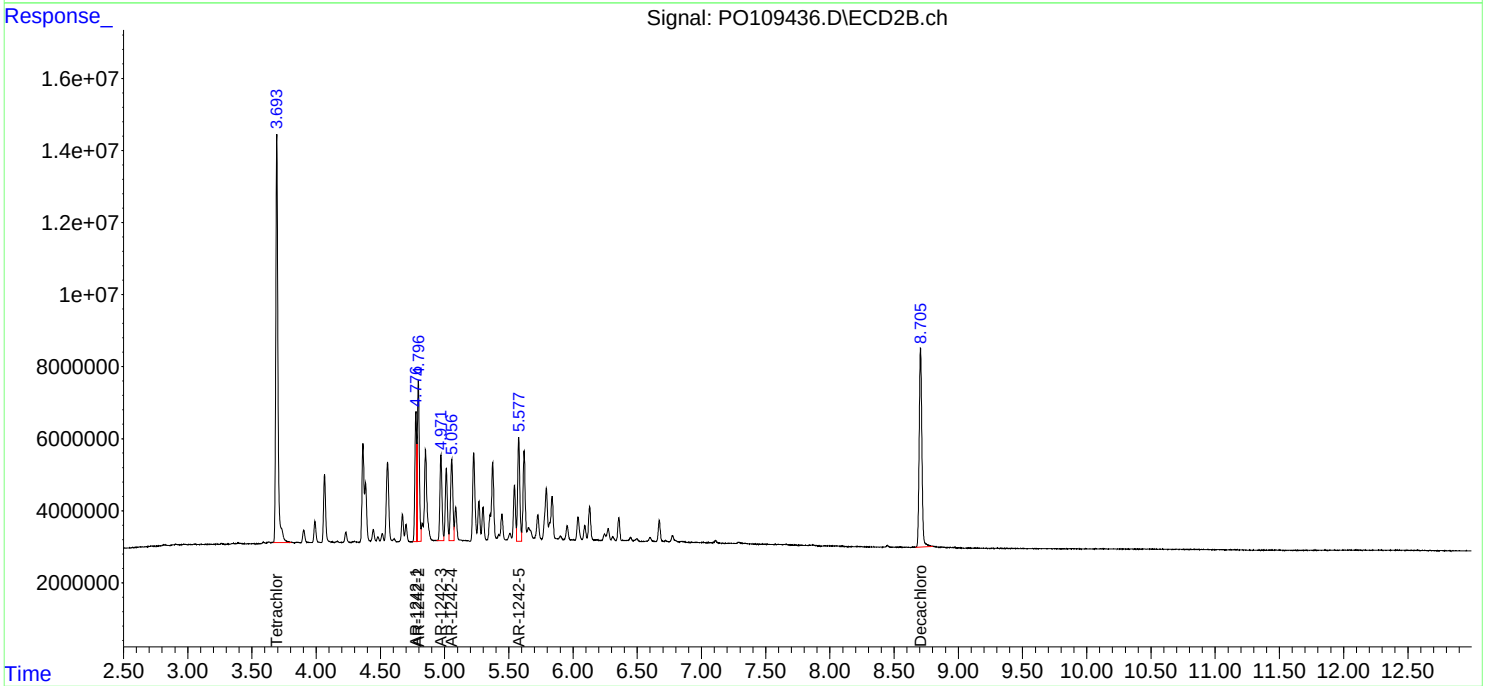
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:50
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:08
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 45284325 | 24258325 | 4.794 | 4.617 |
| 2) | SA Decachlor... | 8.755 | 8.706 | 43522830 | 16219813 | 5.310 | 5.372 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.792 | 4.777 | 13835003 | 7073196 | 52.488 | 53.131 |
| 17) | L4 AR-1242-2 | 4.811 | 4.796 | 18548986 | 9458809 | 51.522 | 51.612 |
| 18) | L4 AR-1242-3 | 4.867 | 4.971 | 12898843 | 4970561 | 50.274 | 48.614 |
| 19) | L4 AR-1242-4 | 4.988 | 5.055 | 10088199 | 5702832 | 50.392 | 52.907 |
| 20) | L4 AR-1242-5 | 5.641 | 5.577 | 11831514 | 6828665 | 55.698m | 54.525m |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:08
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

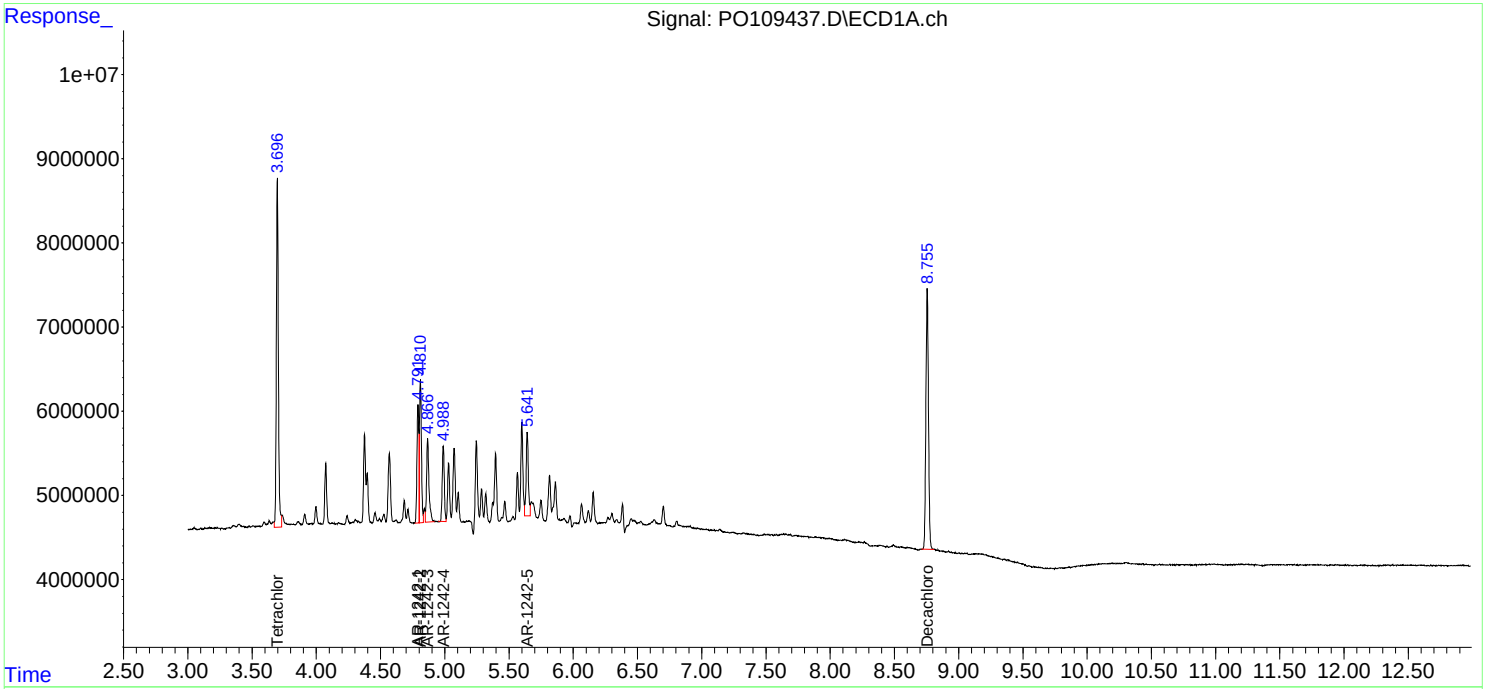
**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC050

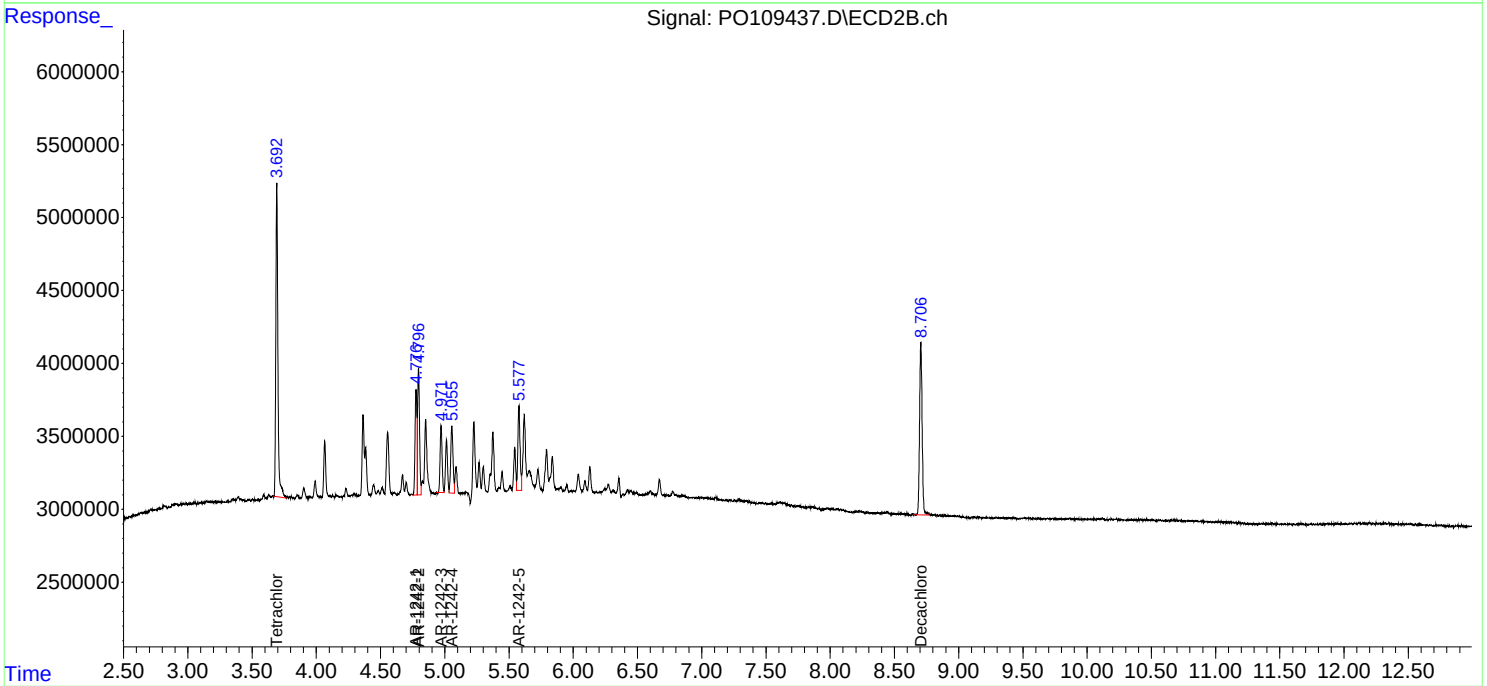
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:26
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:45:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.694 | 915.4E6 | 495.5E6 | 93.761 | 94.908 |
| 2) | SA Decachlor... | 8.755 | 8.706 | 770.4E6 | 279.0E6 | 92.405 | 91.836 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.791 | 4.777 | 183.4E6 | 91256927 | 912.814 | 905.620 |
| 22) | L5 AR-1248-2 | 5.030 | 5.014 | 249.5E6 | 130.6E6 | 885.902 | 891.678 |
| 23) | L5 AR-1248-3 | 5.246 | 5.057 | 313.6E6 | 139.3E6 | 905.924 | 894.551 |
| 24) | L5 AR-1248-4 | 5.600 | 5.228 | 440.0E6 | 163.9E6 | 918.126 | 908.733 |
| 25) | L5 AR-1248-5 | 5.642 | 5.620 | 310.5E6 | 154.4E6 | 919.575 | 910.254 |

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

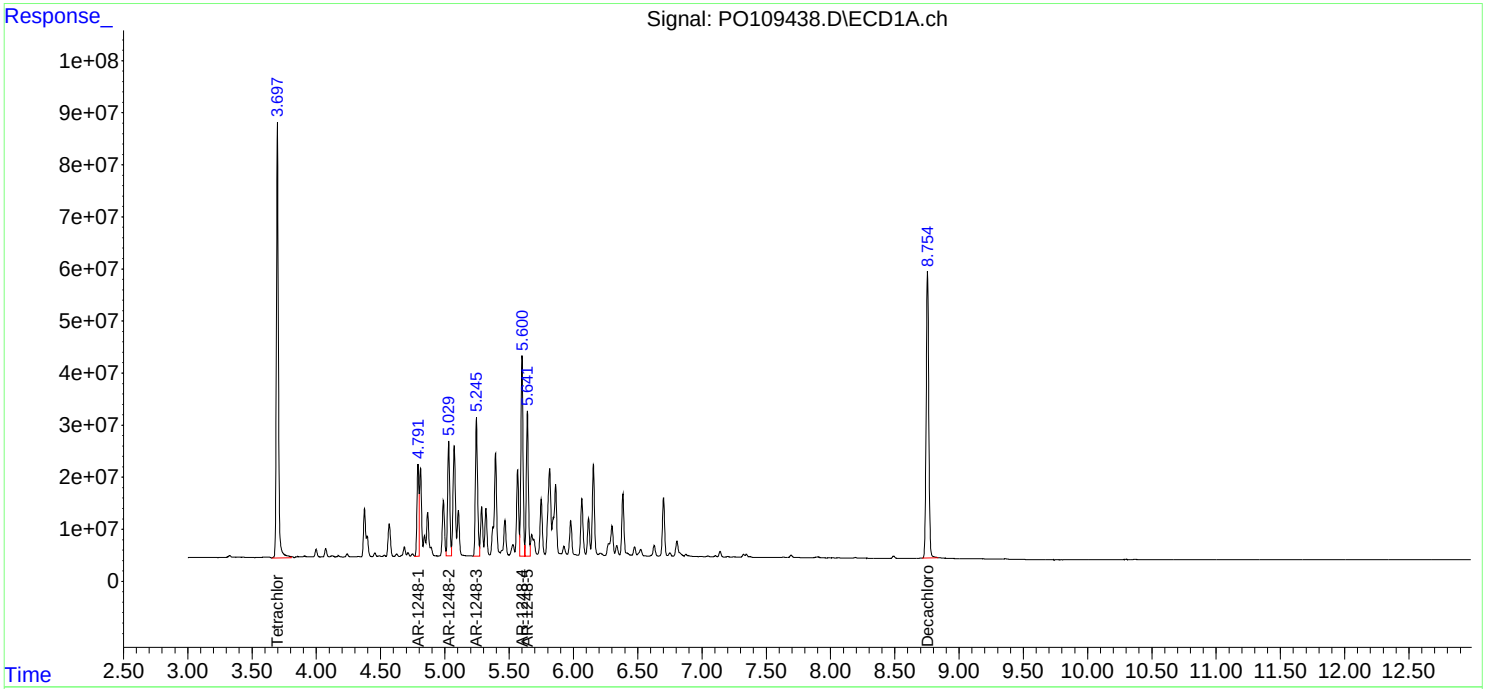
ICAL Form

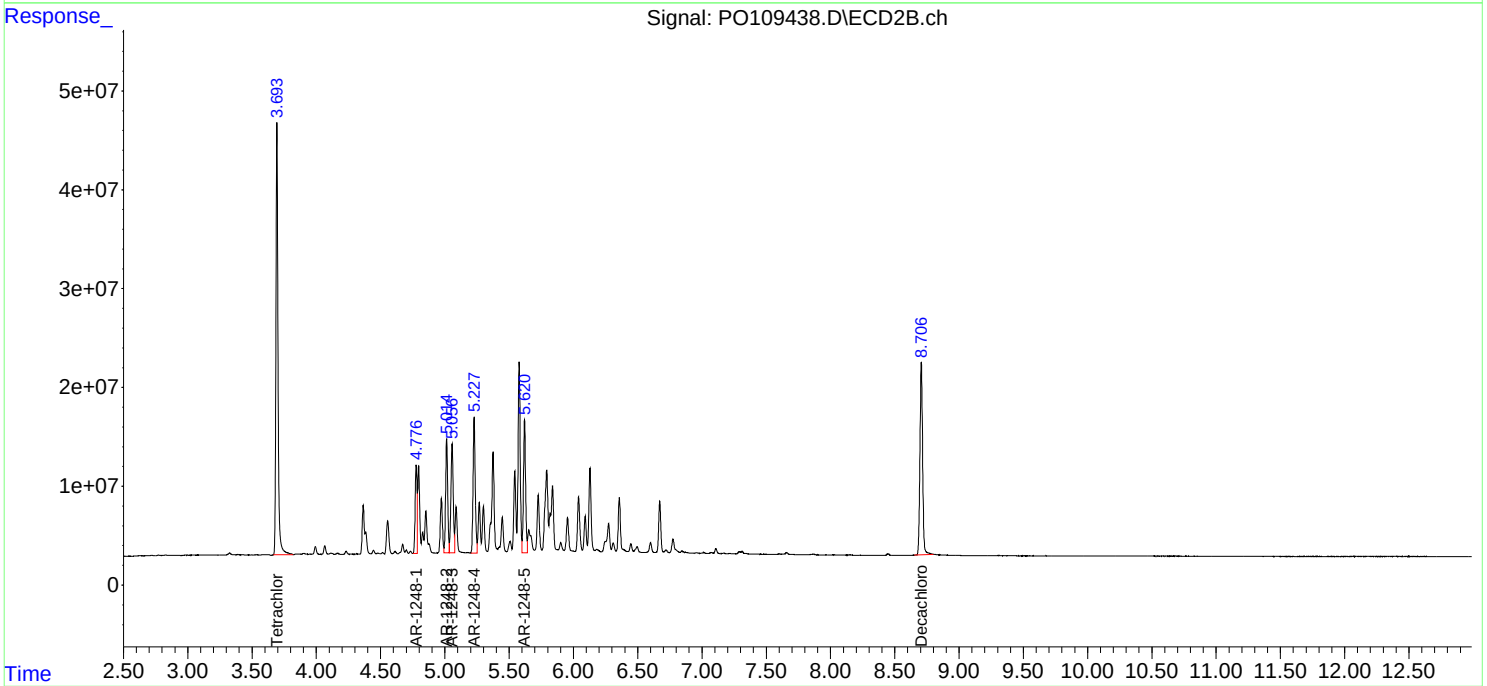
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:26
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:45:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:45
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:48:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 699.0E6 | 378.0E6 | 71.591 | 72.405 |
| 2) | SA Decachlor... | 8.755 | 8.706 | 593.5E6 | 215.5E6 | 71.185 | 70.928 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.791 | 4.777 | 141.9E6 | 70604671 | 706.516 | 700.670 |
| 22) | L5 AR-1248-2 | 5.030 | 5.014 | 196.7E6 | 102.5E6 | 698.273 | 699.925 |
| 23) | L5 AR-1248-3 | 5.245 | 5.056 | 243.5E6 | 108.7E6 | 703.429 | 697.958 |
| 24) | L5 AR-1248-4 | 5.600 | 5.227 | 339.5E6 | 127.1E6 | 708.585 | 704.454 |
| 25) | L5 AR-1248-5 | 5.642 | 5.619 | 238.9E6 | 118.8E6 | 707.520 | 700.785 |

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

Quantitation Report (QT Reviewed)

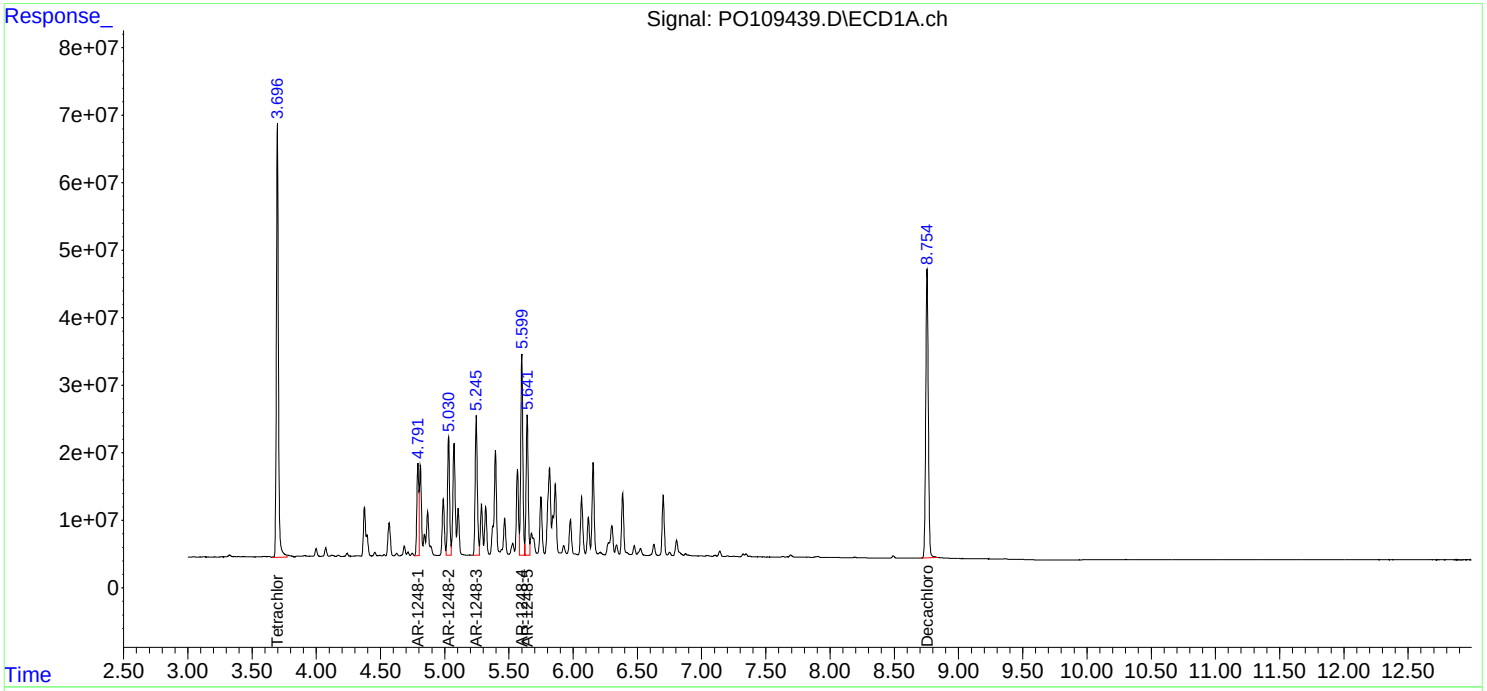
ICAL Form

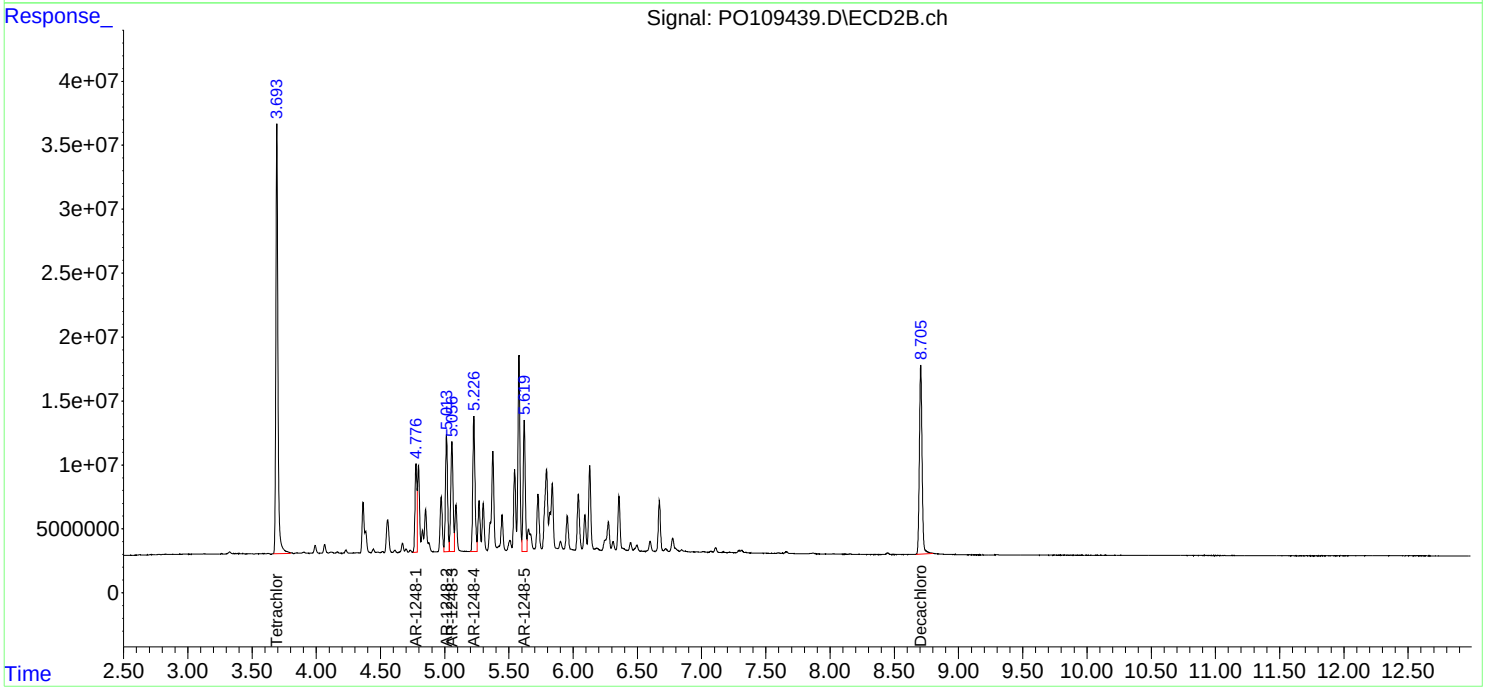
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:45
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:48:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:03
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:48:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.694 | 488.2E6 | 261.1E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.755 | 8.706 | 416.9E6 | 151.9E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.792 | 4.777 | 100.5E6 | 50383698 | 500.000 | 500.000 |
| 22) | L5 AR-1248-2 | 5.030 | 5.014 | 140.8E6 | 73210547 | 500.000 | 500.000 |
| 23) | L5 AR-1248-3 | 5.245 | 5.056 | 173.1E6 | 77850845 | 500.000 | 500.000 |
| 24) | L5 AR-1248-4 | 5.601 | 5.227 | 239.6E6 | 90182217 | 500.000 | 500.000 |
| 25) | L5 AR-1248-5 | 5.642 | 5.619 | 168.8E6 | 84787780 | 500.000 | 500.000 |

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

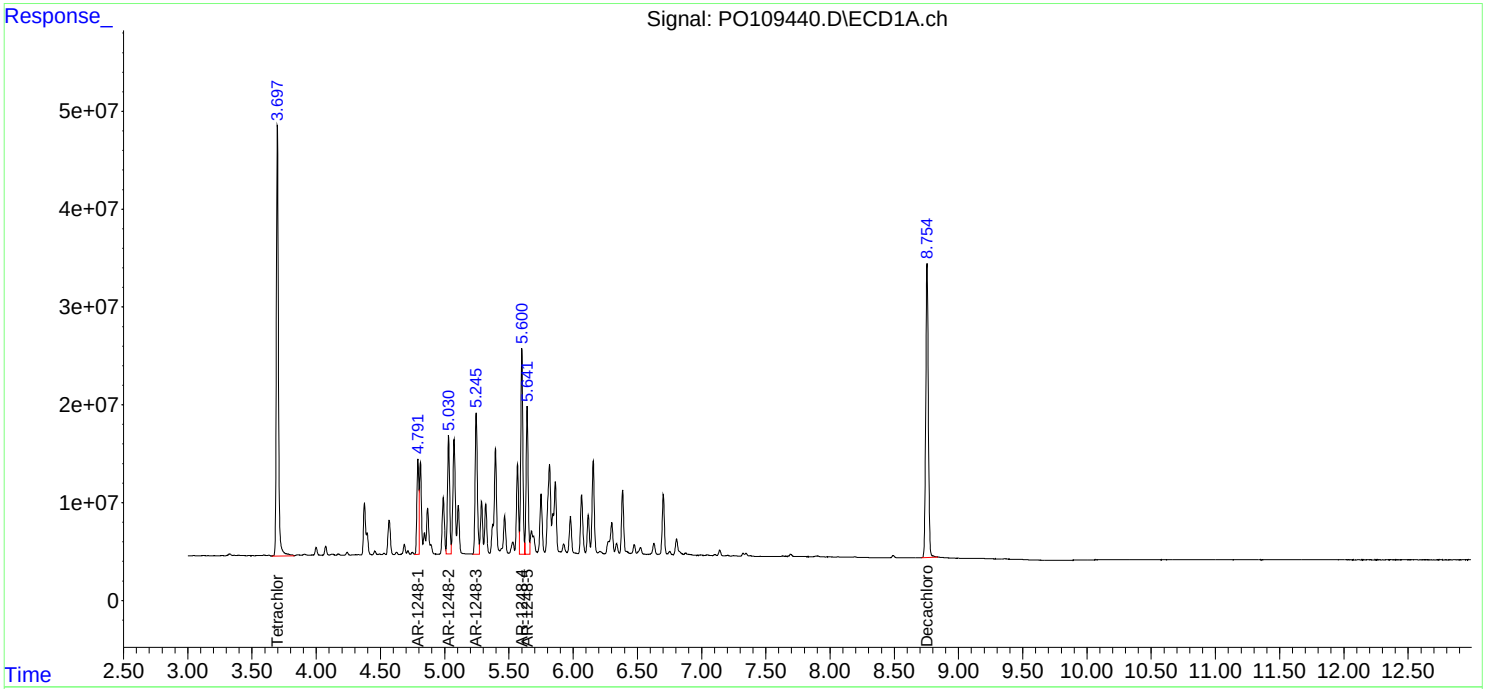
ICAL Form

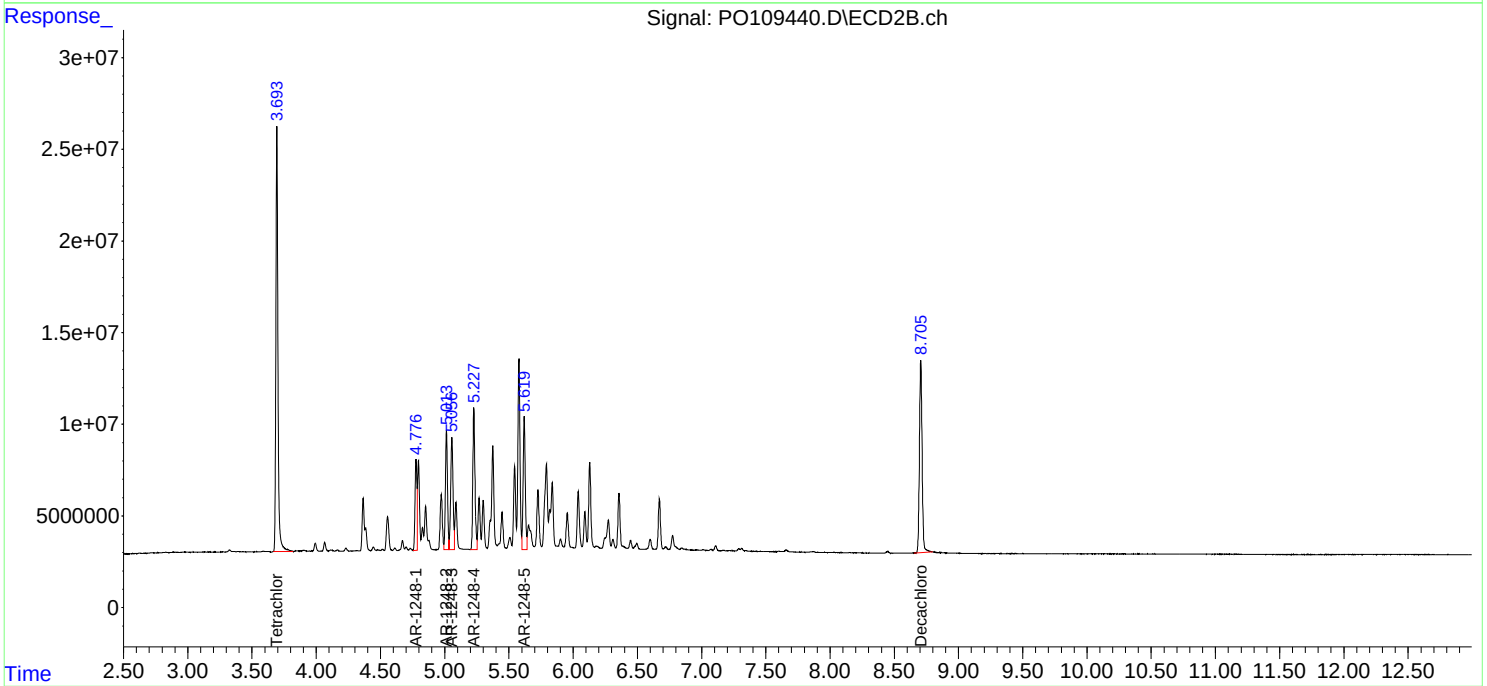
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:03
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:48:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:21
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:48:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 247.1E6 | 131.6E6 | 25.309 | 25.209 |
| 2) SA | Decachlor... | 8.755 | 8.705 | 220.4E6 | 81028918 | 26.436 | 26.667 |
| | Target Compounds | | | | | | |
| 21) L5 | AR-1248-1 | 4.791 | 4.777 | 53414649 | 26903650 | 265.875 | 266.988 |
| 22) L5 | AR-1248-2 | 5.030 | 5.014 | 74897714 | 39285877 | 265.920 | 268.307 |
| 23) L5 | AR-1248-3 | 5.245 | 5.056 | 92525840 | 41607588 | 267.248 | 267.226 |
| 24) L5 | AR-1248-4 | 5.600 | 5.227 | 127.4E6 | 48427931 | 265.835 | 268.500 |
| 25) L5 | AR-1248-5 | 5.642 | 5.620 | 91434201 | 45832980 | 270.811 | 270.281 |

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

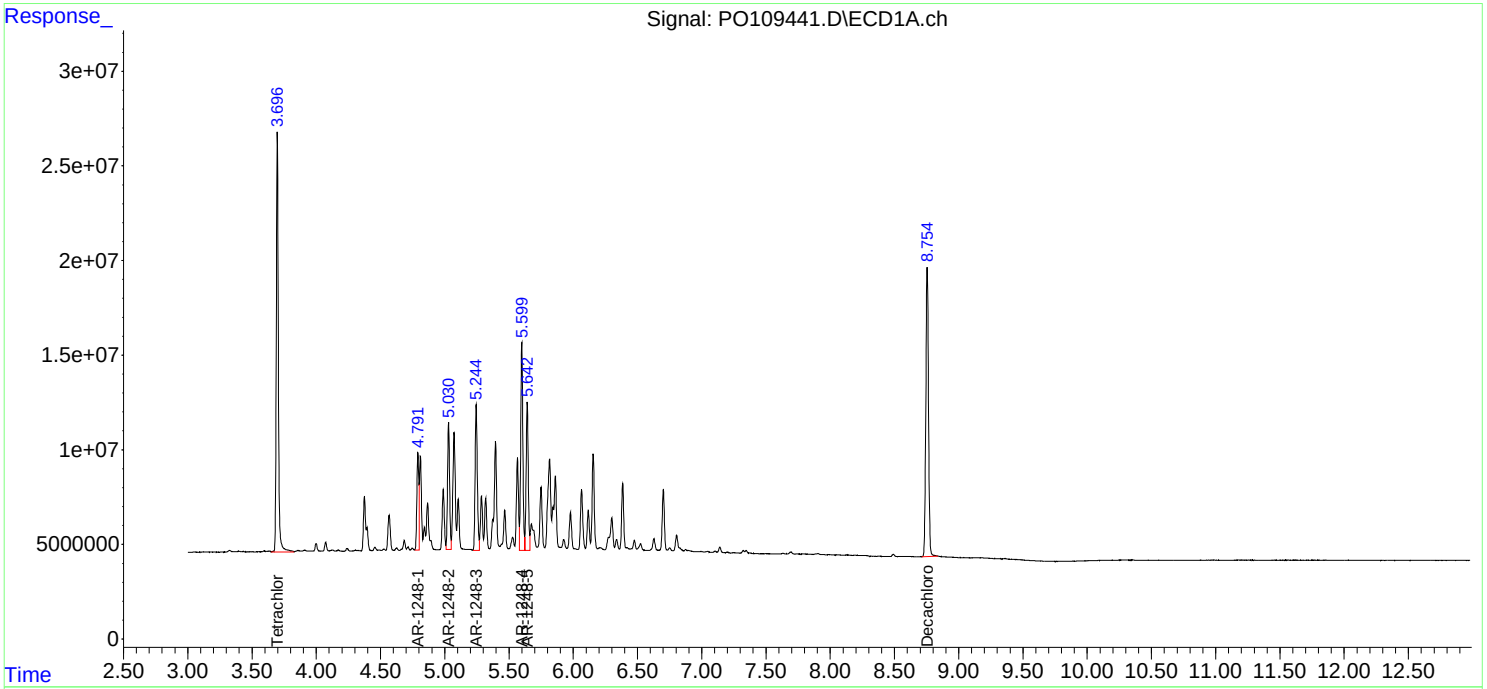
ICAL Form

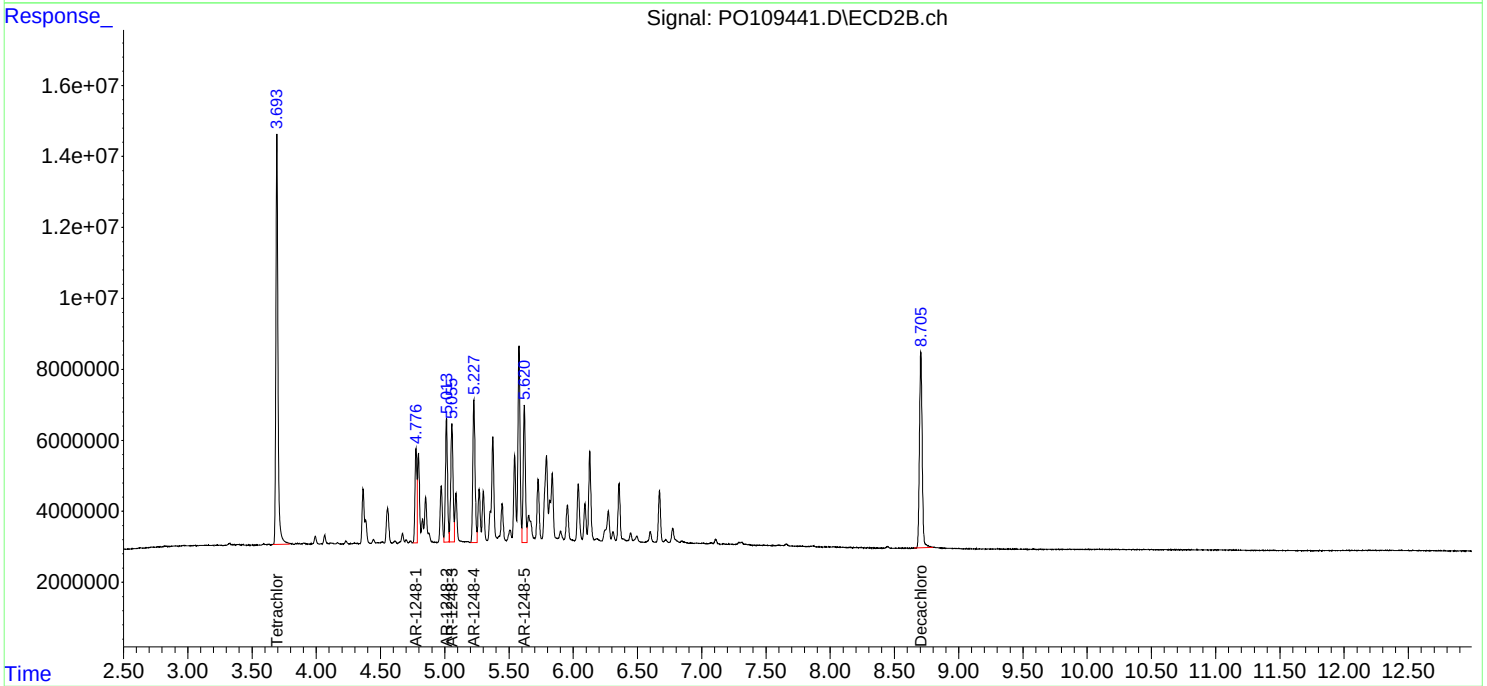
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:21
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:48:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:40
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 46251223 | 23752948 | 4.737 | 4.549 |
| 2) | SA Decachlor... | 8.754 | 8.706 | 44397899 | 16474487 | 5.325 | 5.422 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.791 | 4.776 | 10517320 | 5442853 | 52.351 | 54.014 |
| 22) | L5 AR-1248-2 | 5.030 | 5.013 | 14922906 | 7831415 | 52.983 | 53.486 |
| 23) | L5 AR-1248-3 | 5.245 | 5.055 | 19608812 | 8436393 | 56.637 | 54.183 |
| 24) | L5 AR-1248-4 | 5.599 | 5.227 | 25203917 | 9829738 | 52.598m | 54.499m |
| 25) | L5 AR-1248-5 | 5.641 | 5.618 | 19009831 | 9765442 | 56.304m | 57.588m |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:40
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

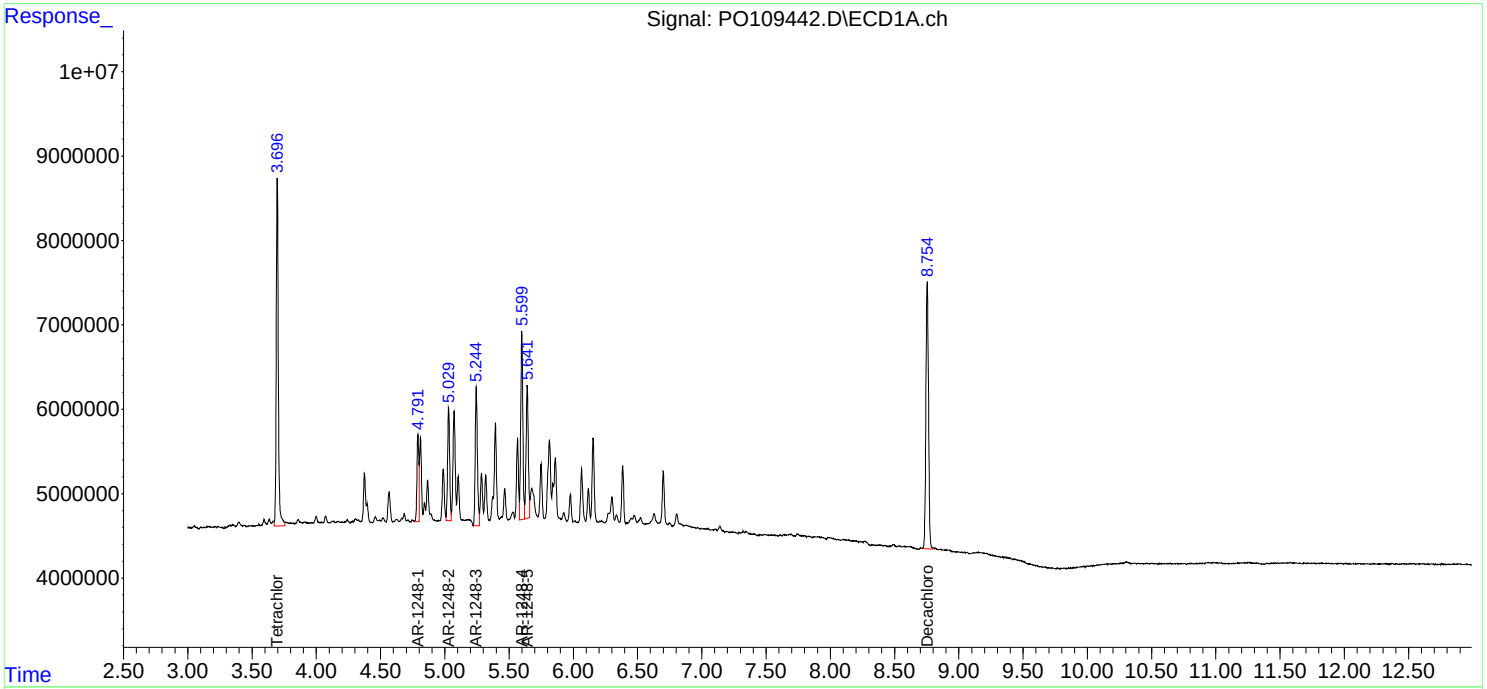
**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC050

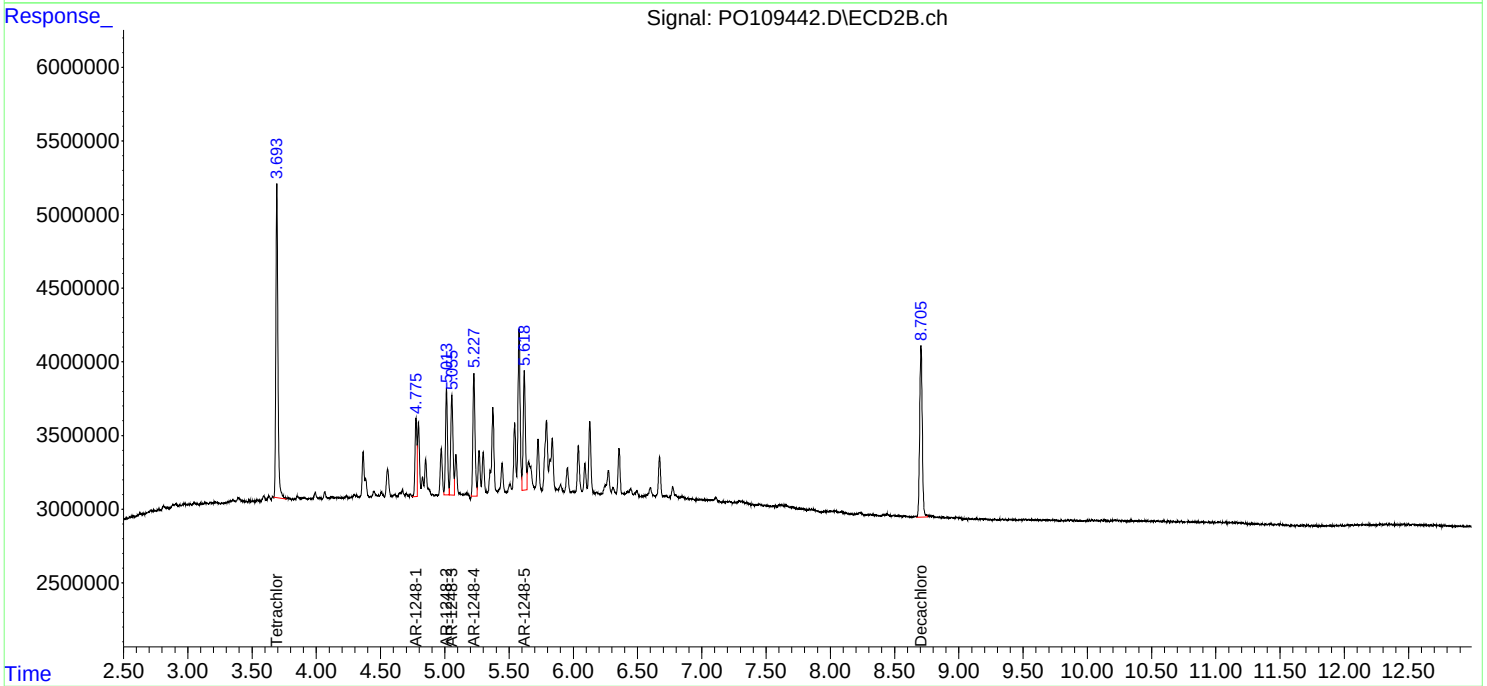
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:58
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:05:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 951.1E6 | 511.8E6 | 96.621 | 98.139 |
| 2) | SA Decachlor... | 8.754 | 8.705 | 796.7E6 | 284.2E6 | 93.419 | 92.489 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.600 | 5.578 | 480.6E6 | 243.6E6 | 934.551 | 933.795 |
| 27) | L6 AR-1254-2 | 5.749 | 5.726 | 417.5E6 | 212.5E6 | 924.809 | 921.386 |
| 28) | L6 AR-1254-3 | 6.155 | 6.129 | 684.8E6 | 339.8E6 | 943.785 | 941.402 |
| 29) | L6 AR-1254-4 | 6.384 | 6.357 | 418.0E6 | 192.3E6 | 974.859 | 962.866 |
| 30) | L6 AR-1254-5 | 6.805 | 6.774 | 597.3E6 | 278.5E6 | 945.656 | 939.652 |

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

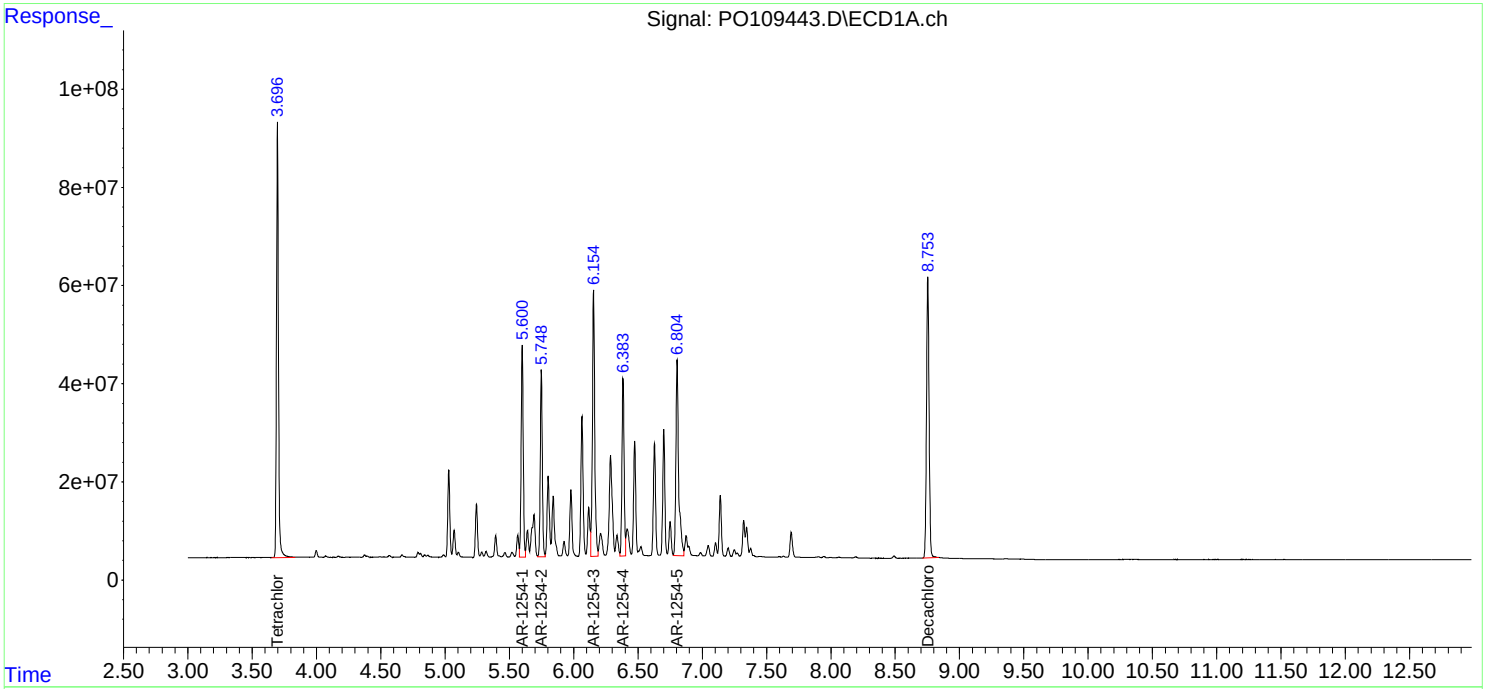
ICAL Form

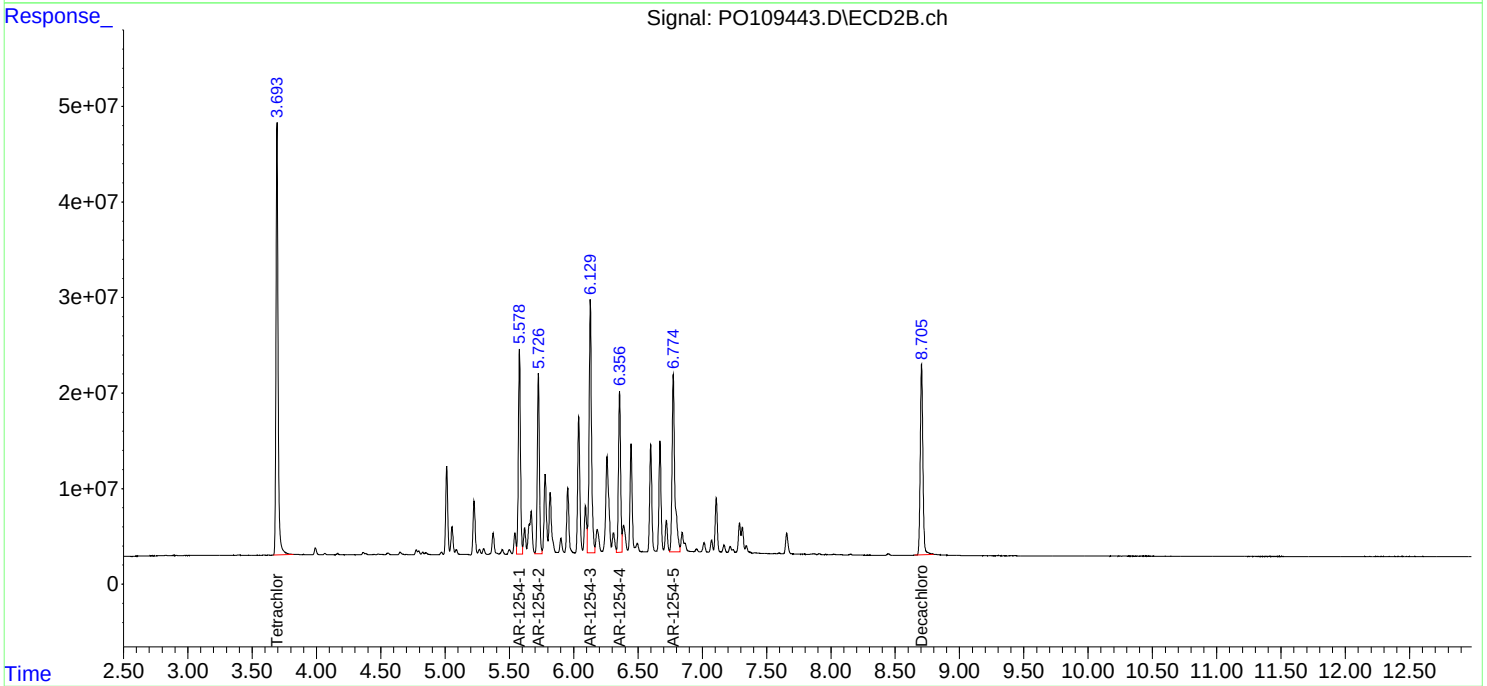
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:58
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:05:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.694 | 720.2E6 | 386.1E6 | 73.159 | 74.040 |
| 2) | SA Decachlor... | 8.756 | 8.705 | 609.4E6 | 219.1E6 | 71.460 | 71.318 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.601 | 5.579 | 368.4E6 | 186.7E6 | 716.388 | 715.385 |
| 27) | L6 AR-1254-2 | 5.750 | 5.726 | 321.9E6 | 164.0E6 | 713.024 | 710.983 |
| 28) | L6 AR-1254-3 | 6.156 | 6.129 | 523.0E6 | 259.8E6 | 720.743 | 719.697 |
| 29) | L6 AR-1254-4 | 6.385 | 6.357 | 307.4E6 | 142.4E6 | 716.868 | 712.856 |
| 30) | L6 AR-1254-5 | 6.806 | 6.775 | 456.7E6 | 212.9E6 | 723.070 | 718.501 |

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

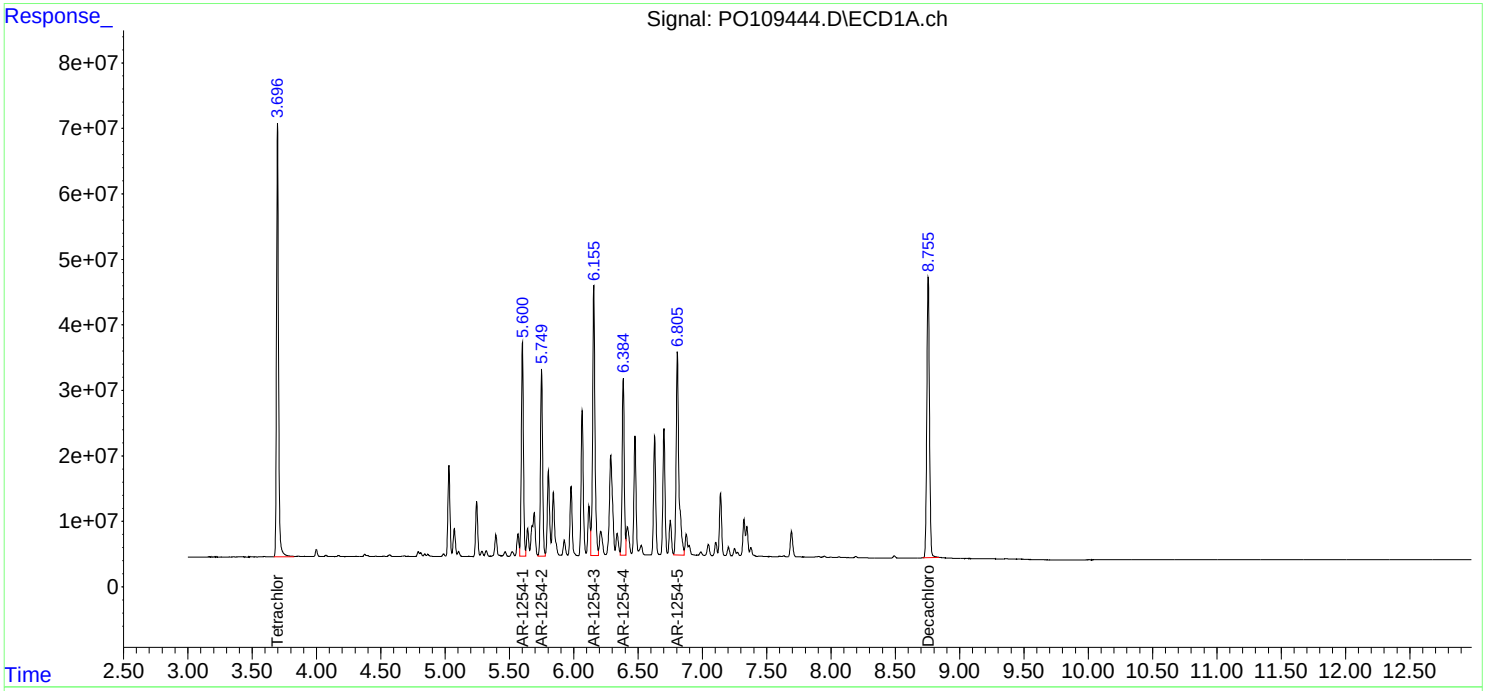
ICAL Form

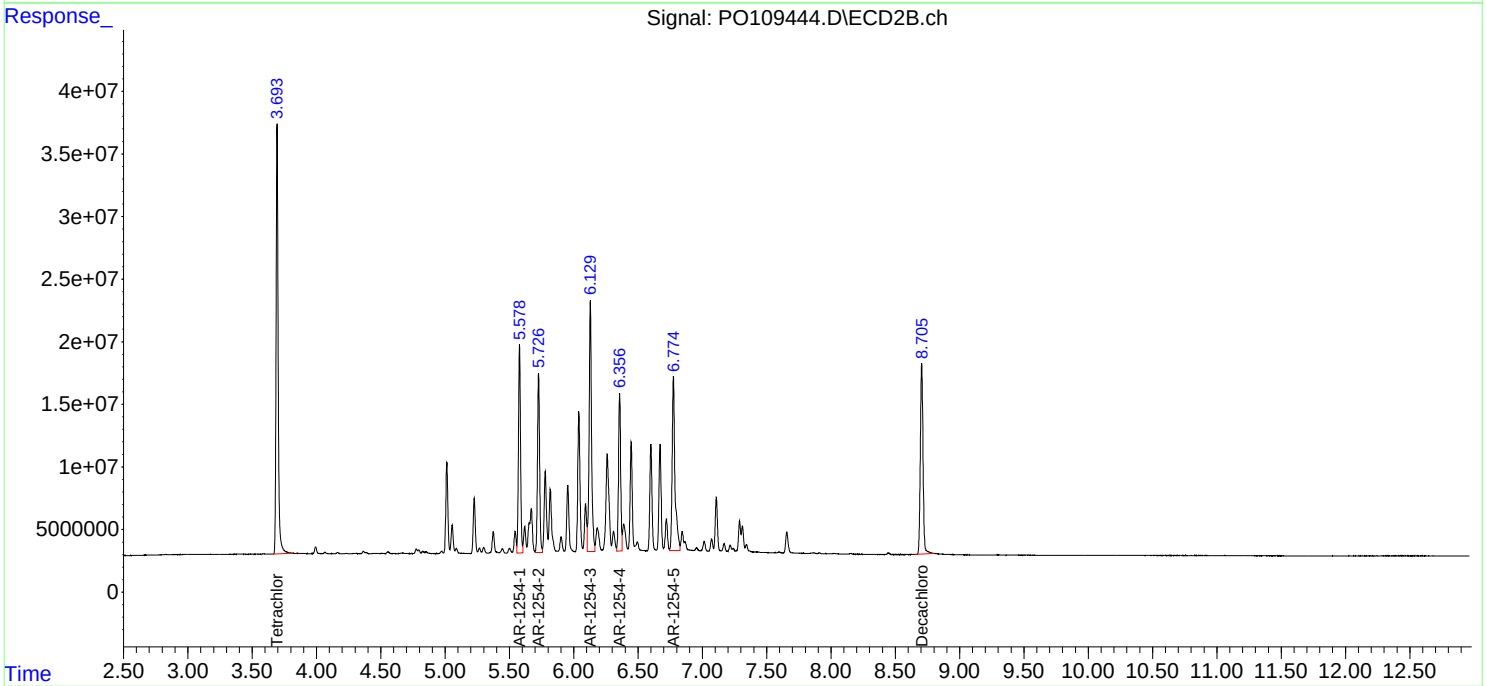
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:35
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 492.2E6 | 260.7E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.755 | 8.705 | 426.4E6 | 153.6E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.601 | 5.578 | 257.1E6 | 130.5E6 | 500.000 | 500.000 |
| 27) | L6 AR-1254-2 | 5.749 | 5.726 | 225.7E6 | 115.3E6 | 500.000 | 500.000 |
| 28) | L6 AR-1254-3 | 6.155 | 6.129 | 362.8E6 | 180.5E6 | 500.000 | 500.000 |
| 29) | L6 AR-1254-4 | 6.385 | 6.356 | 214.4E6 | 99873317 | 500.000 | 500.000 |
| 30) | L6 AR-1254-5 | 6.805 | 6.774 | 315.8E6 | 148.2E6 | 500.000 | 500.000 |

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

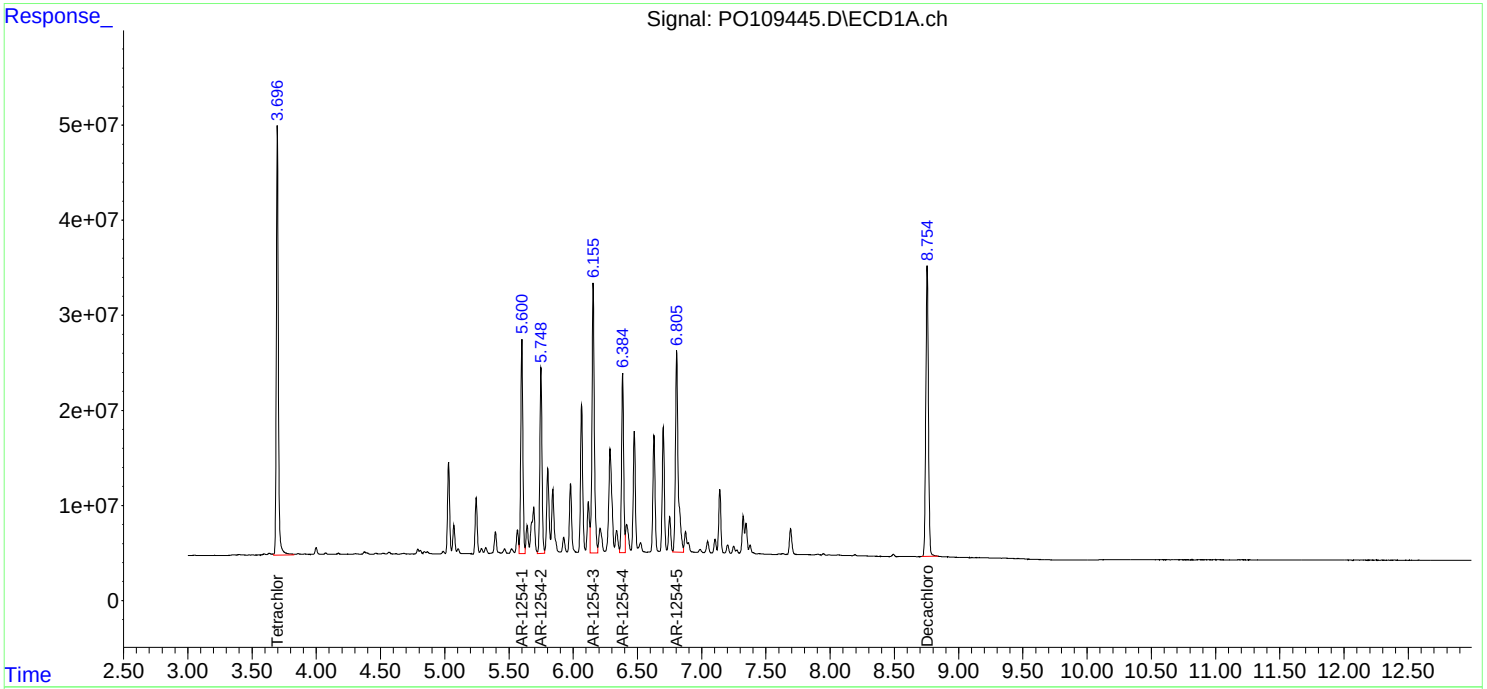
ICAL Form

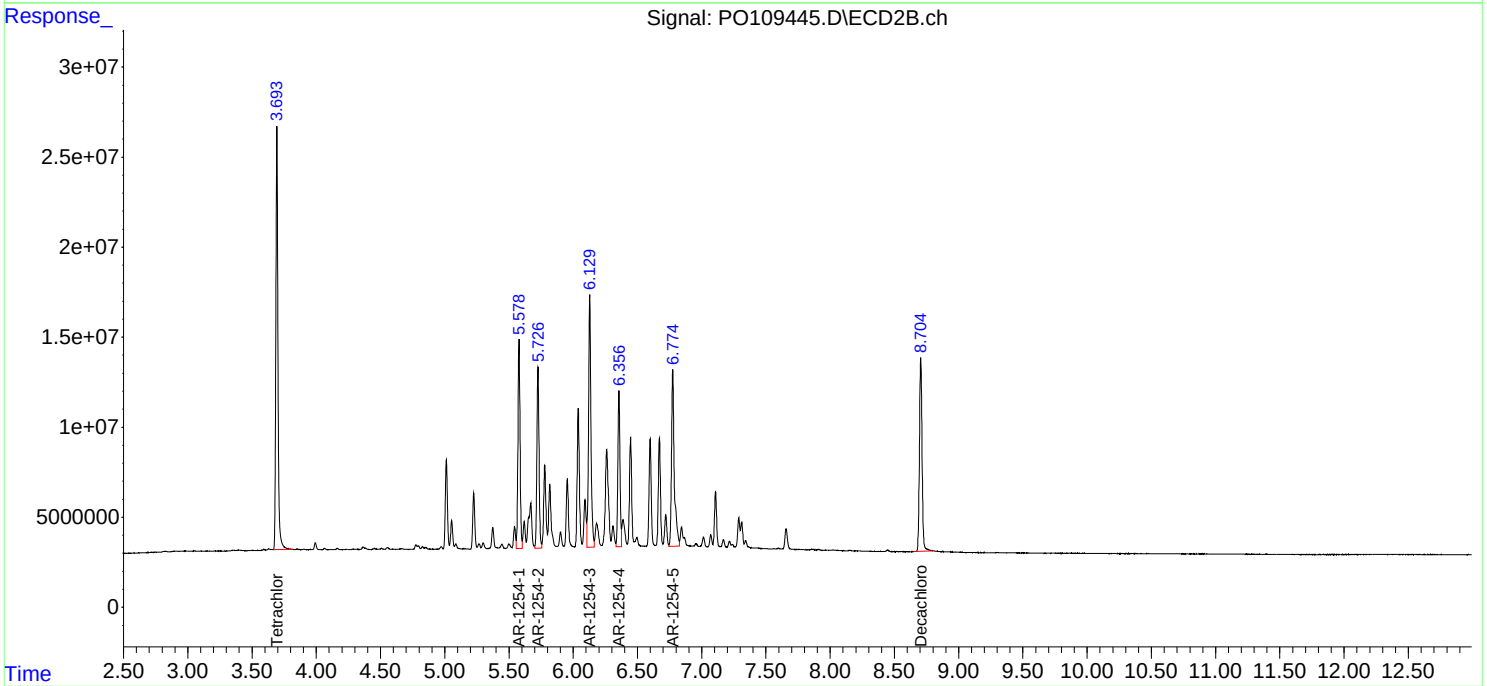
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:35
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:53
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 249.9E6 | 133.4E6 | 25.383 | 25.591 |
| 2) | SA Decachlor... | 8.755 | 8.705 | 224.7E6 | 82751432 | 26.343 | 26.933 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.600 | 5.578 | 137.1E6 | 70215336 | 266.626 | 269.112 |
| 27) | L6 AR-1254-2 | 5.749 | 5.726 | 120.3E6 | 62303614 | 266.469 | 270.086 |
| 28) | L6 AR-1254-3 | 6.155 | 6.129 | 190.2E6 | 94726512 | 262.120 | 262.436 |
| 29) | L6 AR-1254-4 | 6.385 | 6.357 | 115.3E6 | 53701999 | 269.019 | 268.851 |
| 30) | L6 AR-1254-5 | 6.805 | 6.775 | 166.0E6 | 78525114 | 262.748 | 264.951 |

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

Quantitation Report (QT Reviewed)

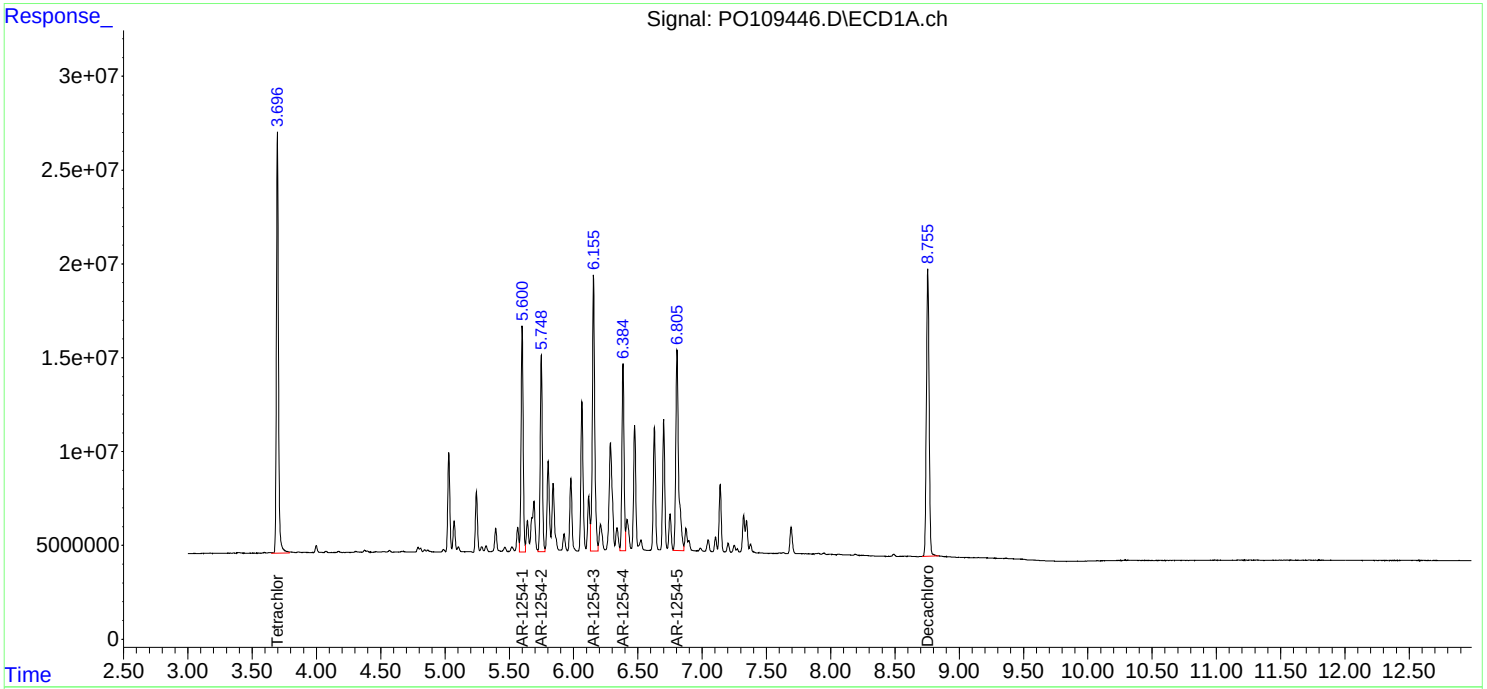
ICAL Form

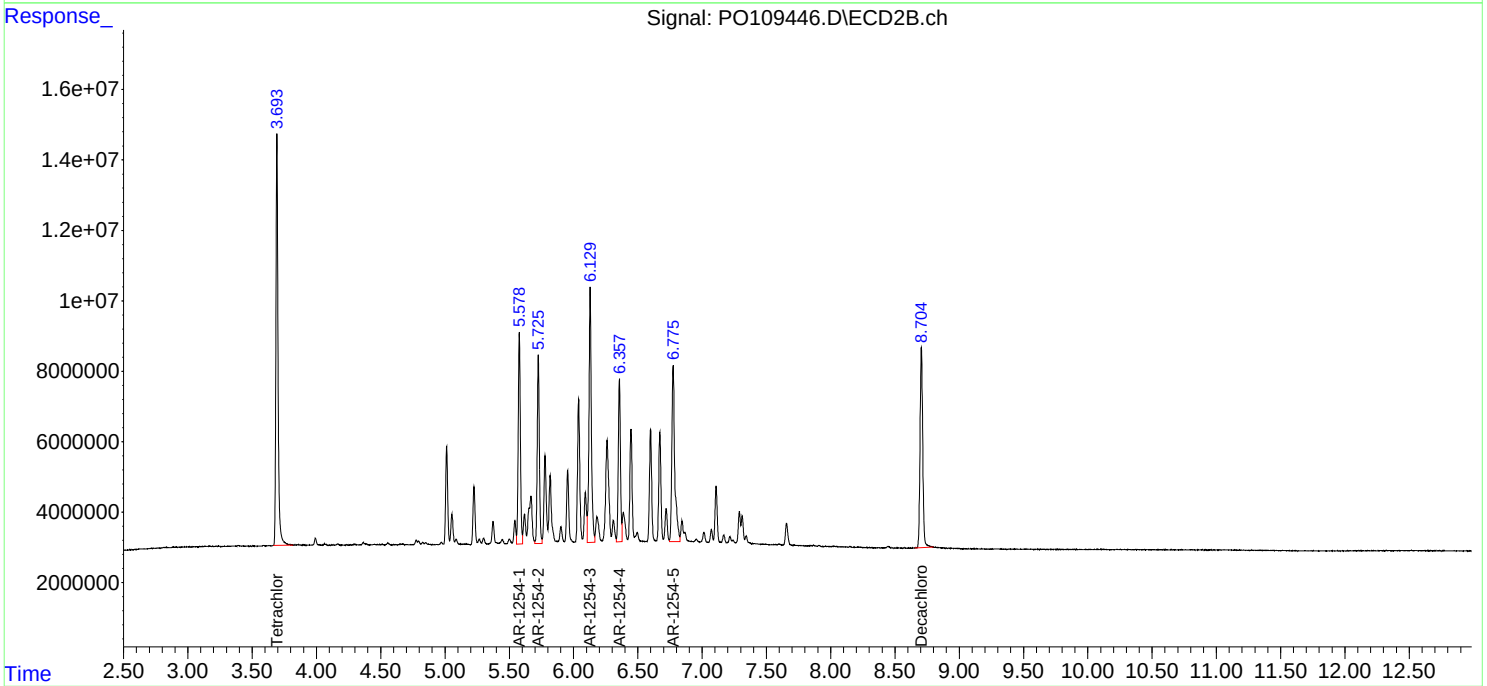
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:53
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:12
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.693 | 42478021 | 22408254 | 4.315m | 4.297 |
| 2) | SA Decachlor... | 8.755 | 8.706 | 43911860 | 16400189 | 5.149 | 5.338 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.601 | 5.578 | 27168777 | 13670107 | 52.828m | 52.393m |
| 27) | L6 AR-1254-2 | 5.749 | 5.726 | 23620321 | 13084376 | 52.317m | 56.721m |
| 28) | L6 AR-1254-3 | 6.156 | 6.128 | 35558931 | 17874982 | 49.004m | 49.522m |
| 29) | L6 AR-1254-4 | 6.384 | 6.355 | 18803102 | 8443949 | 43.856m | 42.273m |
| 30) | L6 AR-1254-5 | 6.806 | 6.774 | 30890950 | 15538233 | 48.907 | 52.427 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:12
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

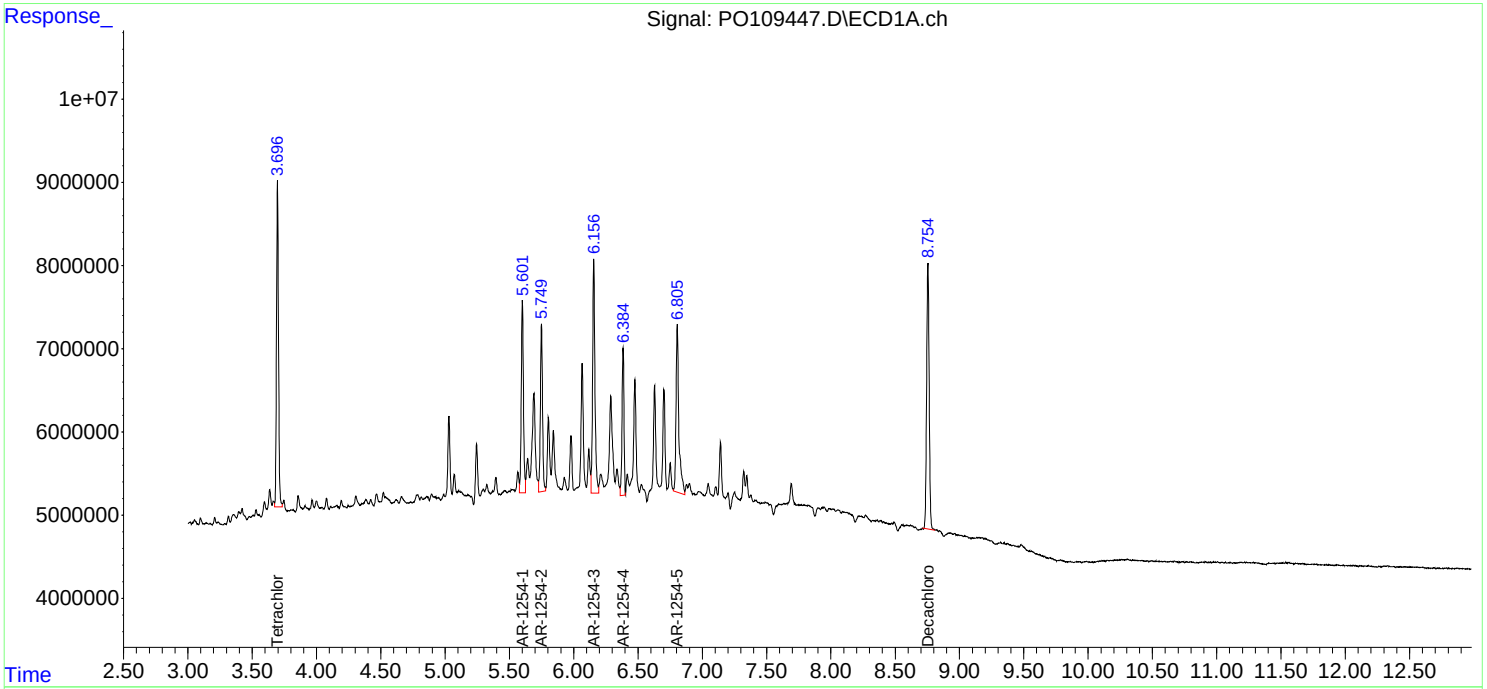
**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC050

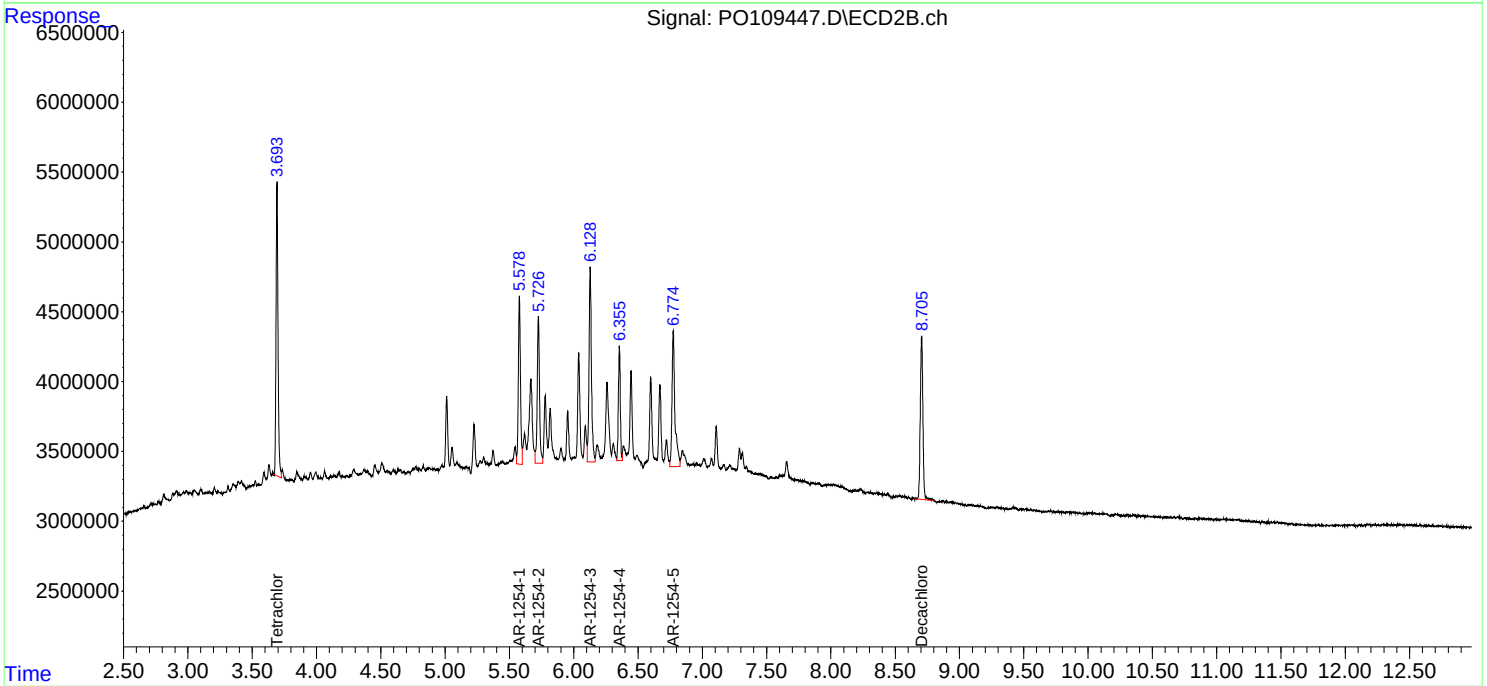
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:30
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:11:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:05:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 478.0E6 | 256.6E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.754 | 8.705 | 414.0E6 | 151.0E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 36) | L8 AR-1262-1 | 6.845 | 6.814 | 332.9E6 | 158.6E6 | 500.000 | 500.000 |
| 37) | L8 AR-1262-2 | 7.346 | 7.313 | 564.9E6 | 249.3E6 | 500.000 | 500.000 |
| 38) | L8 AR-1262-3 | 7.632 | 7.597 | 224.1E6 | 98127525 | 500.000 | 500.000 |
| 39) | L8 AR-1262-4 | 7.696 | 7.661 | 414.6E6 | 177.4E6 | 500.000 | 500.000 |
| 40) | L8 AR-1262-5 | 8.193 | 8.154 | 186.7E6 | 71568799 | 500.000 | 500.000 |

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

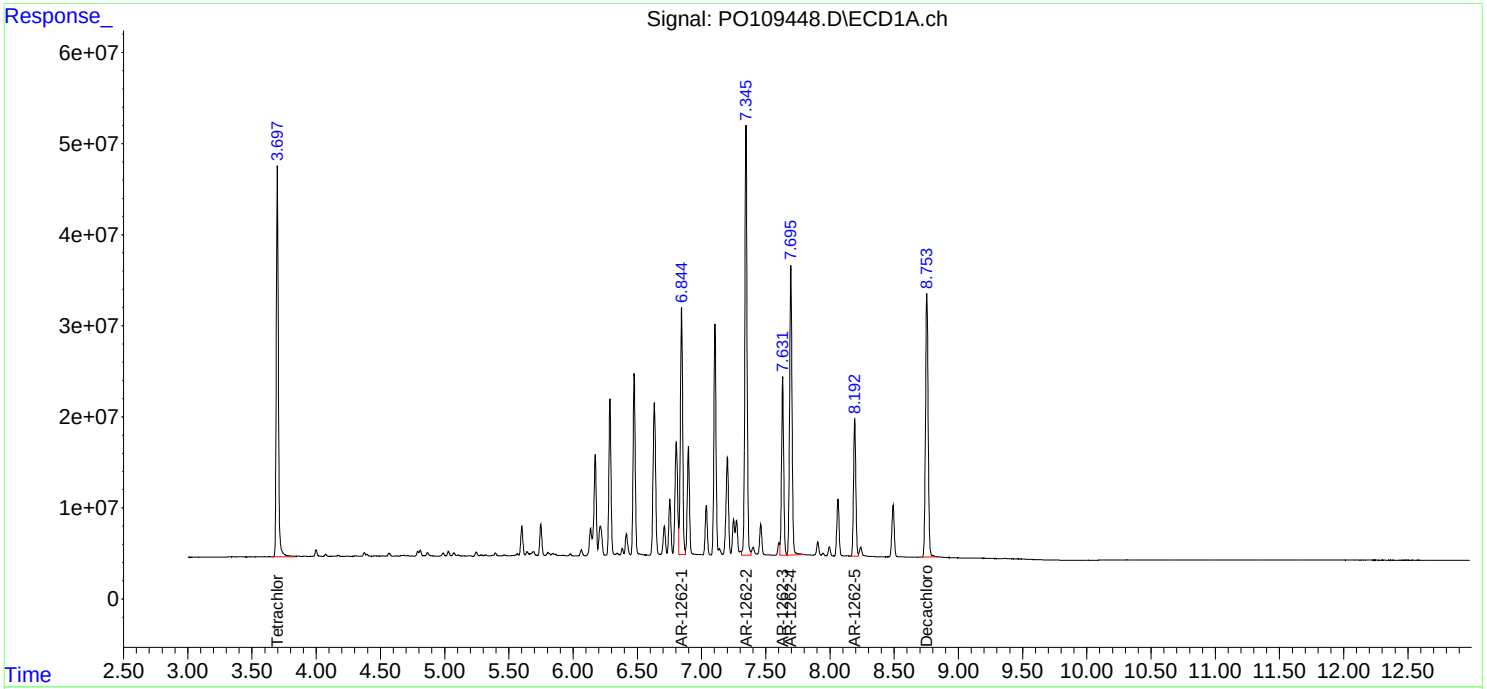
ICAL Form

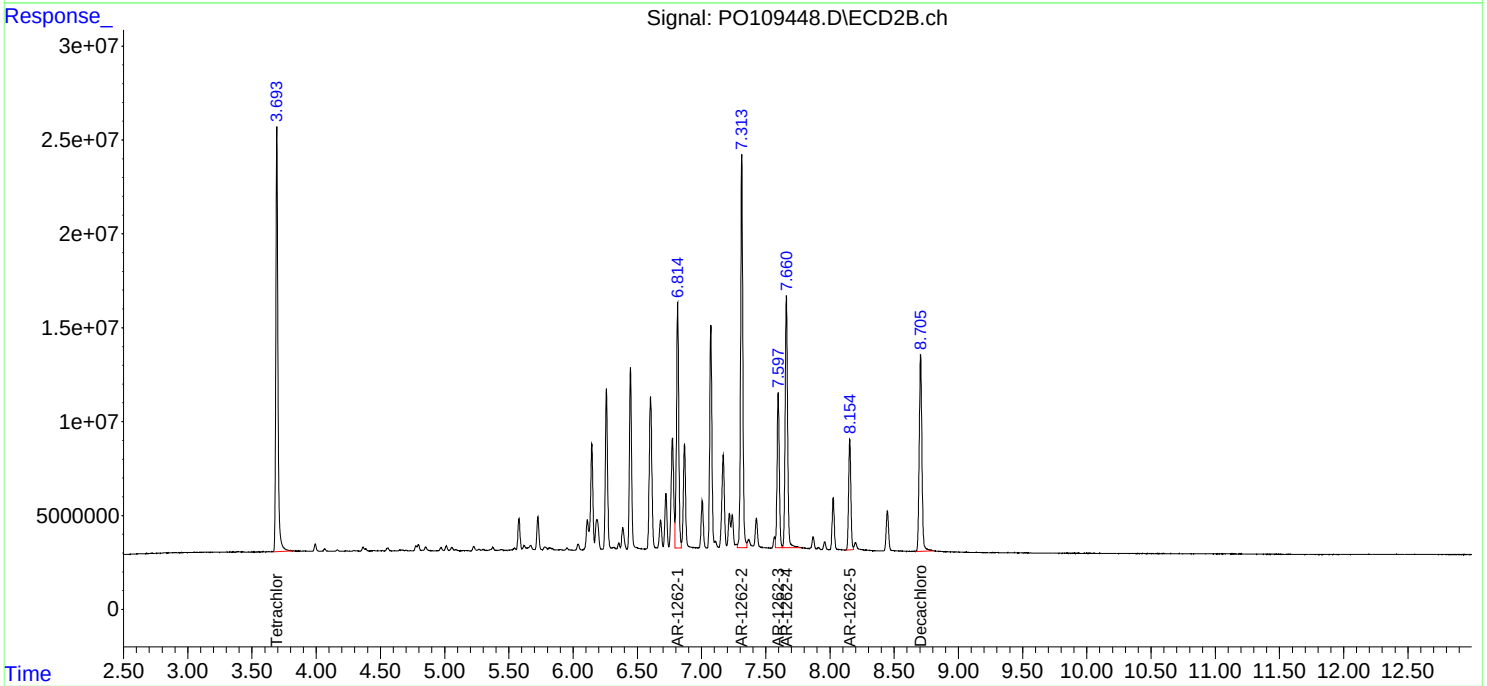
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:30
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:11:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:05:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:48
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.694 | 965.3E6 | 526.7E6 | 96.981 | 98.845 |
| 2) | SA Decachlor... | 8.755 | 8.706 | 1414.8E6 | 495.1E6 | 97.758 | 96.622 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.633 | 7.597 | 1298.9E6 | 554.1E6 | 985.386 | 982.199 |
| 42) | L9 AR-1268-2 | 7.697 | 7.662 | 1196.3E6 | 512.6E6 | 990.433 | 984.000 |
| 43) | L9 AR-1268-3 | 7.906 | 7.869 | 1000.4E6 | 413.6E6 | 987.744 | 983.635 |
| 44) | L9 AR-1268-4 | 8.193 | 8.153 | 407.5E6 | 153.7E6 | 969.568 | 942.671 |
| 45) | L9 AR-1268-5 | 8.493 | 8.447 | 3060.4E6 | 1087.2E6 | 1007.828 | 1001.290 |

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

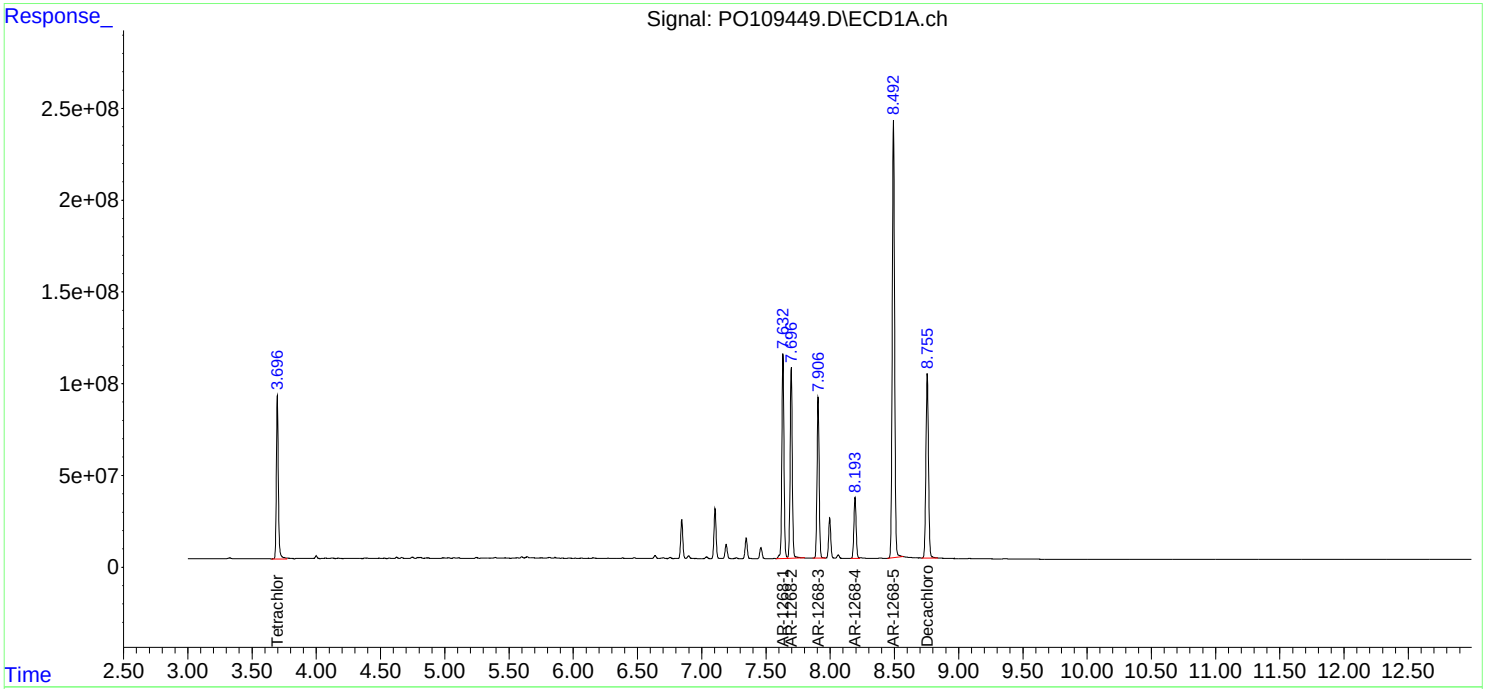
ICAL Form

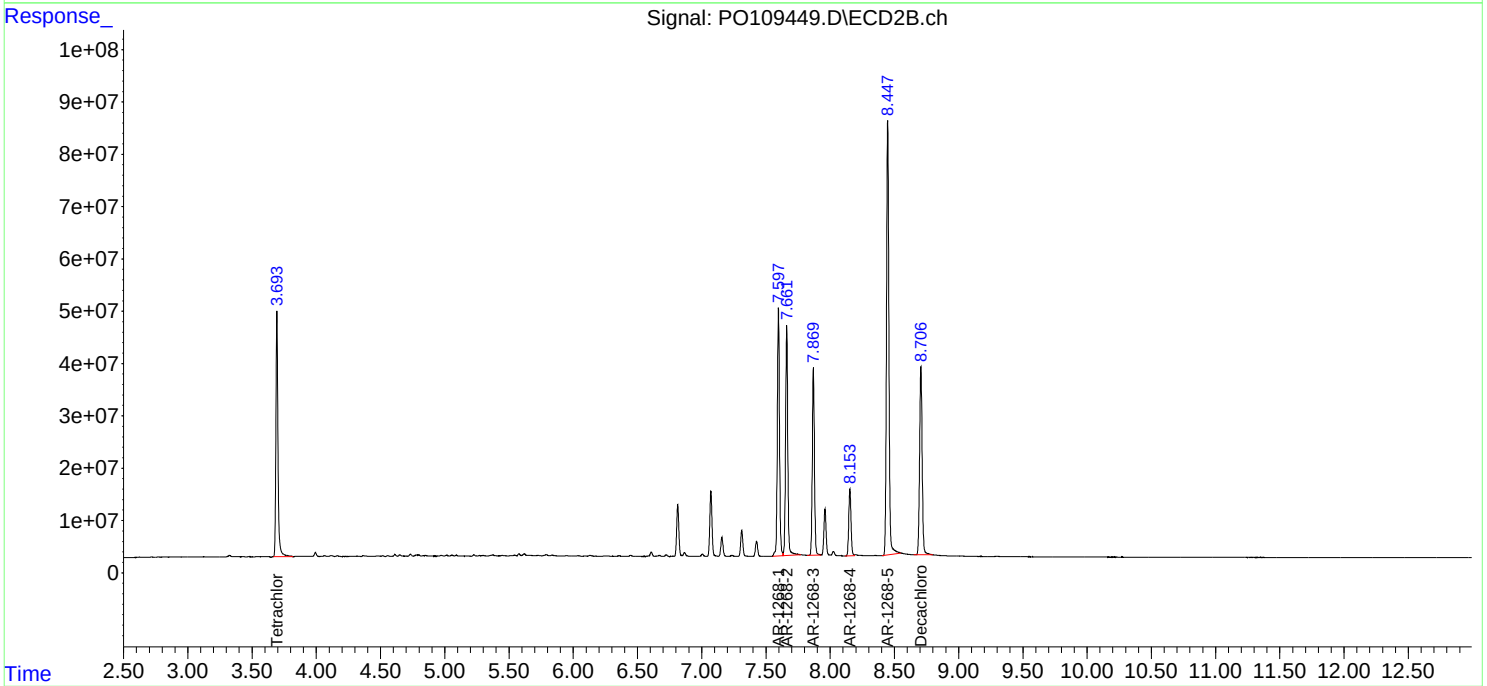
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:48
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:07
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 735.0E6 | 395.3E6 | 73.842 | 74.195 |
| 2) | SA Decachlor... | 8.755 | 8.705 | 1059.4E6 | 373.0E6 | 73.204 | 72.789 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.632 | 7.597 | 970.5E6 | 415.4E6 | 736.275 | 736.222 |
| 42) | L9 AR-1268-2 | 7.697 | 7.661 | 892.1E6 | 383.3E6 | 738.582 | 735.790 |
| 43) | L9 AR-1268-3 | 7.905 | 7.870 | 749.2E6 | 309.4E6 | 739.726 | 735.808 |
| 44) | L9 AR-1268-4 | 8.193 | 8.153 | 306.7E6 | 116.3E6 | 729.785 | 712.986 |
| 45) | L9 AR-1268-5 | 8.492 | 8.447 | 2260.0E6 | 808.5E6 | 744.267 | 744.582 |

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

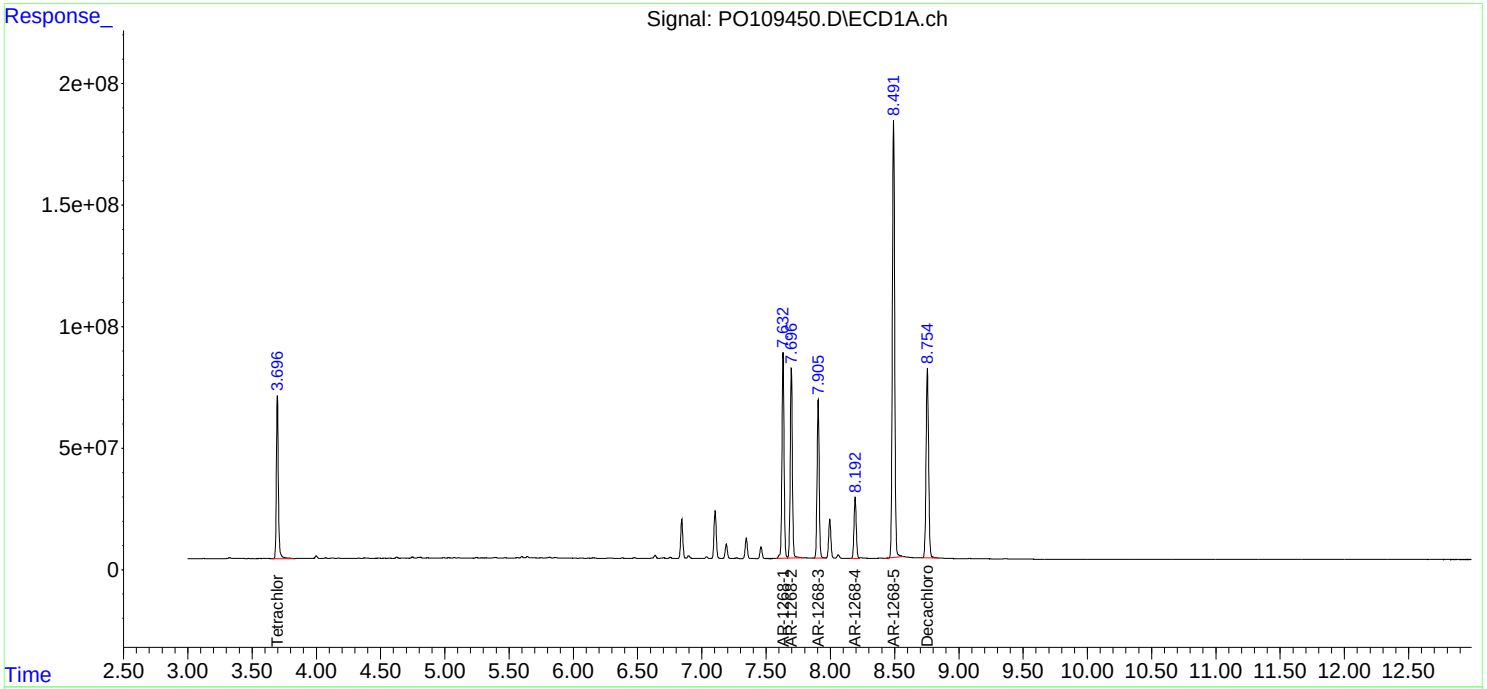
ICAL Form

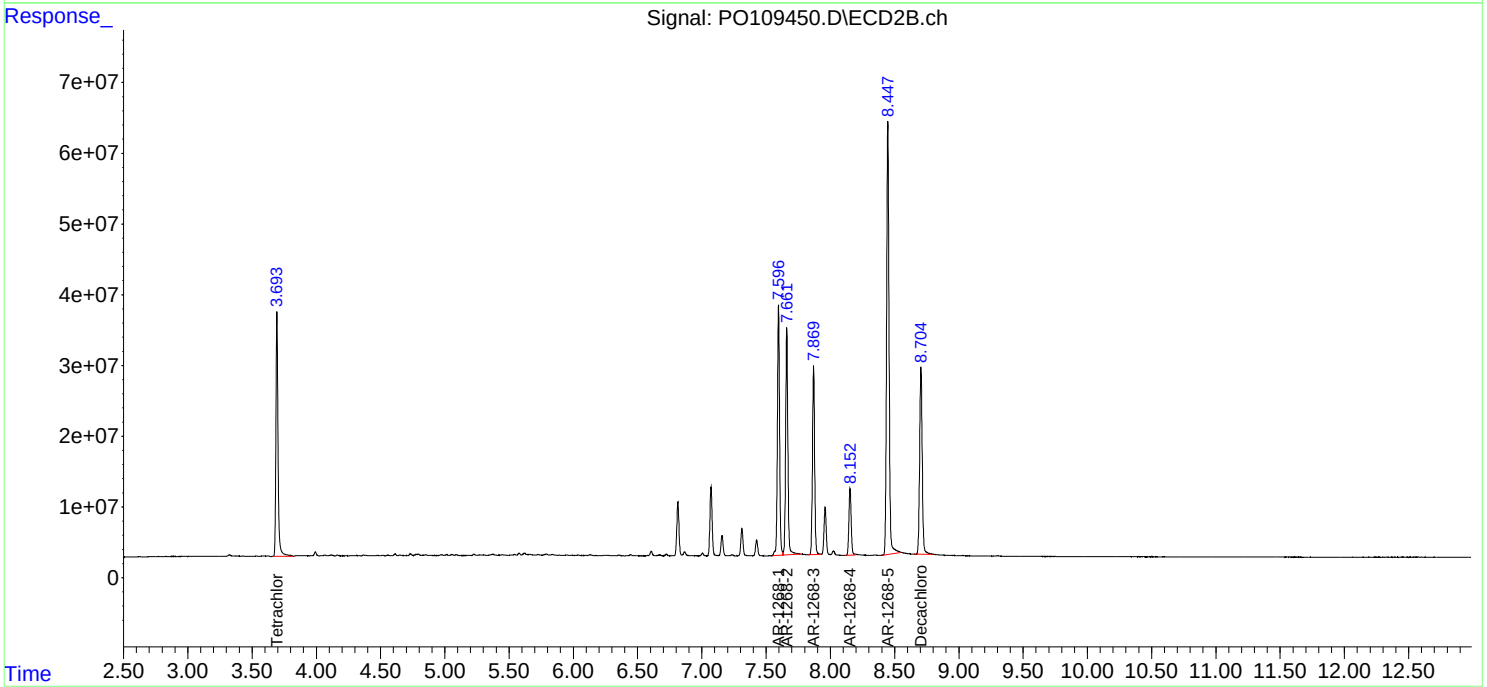
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:07
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:25
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 497.7E6 | 266.4E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.754 | 8.705 | 723.6E6 | 256.2E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.632 | 7.597 | 659.1E6 | 282.1E6 | 500.000 | 500.000 |
| 42) | L9 AR-1268-2 | 7.696 | 7.662 | 603.9E6 | 260.5E6 | 500.000 | 500.000 |
| 43) | L9 AR-1268-3 | 7.905 | 7.870 | 506.4E6 | 210.3E6 | 500.000 | 500.000 |
| 44) | L9 AR-1268-4 | 8.193 | 8.154 | 210.1E6 | 81539410 | 500.000 | 500.000 |
| 45) | L9 AR-1268-5 | 8.492 | 8.448 | 1518.3E6 | 542.9E6 | 500.000 | 500.000 |

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

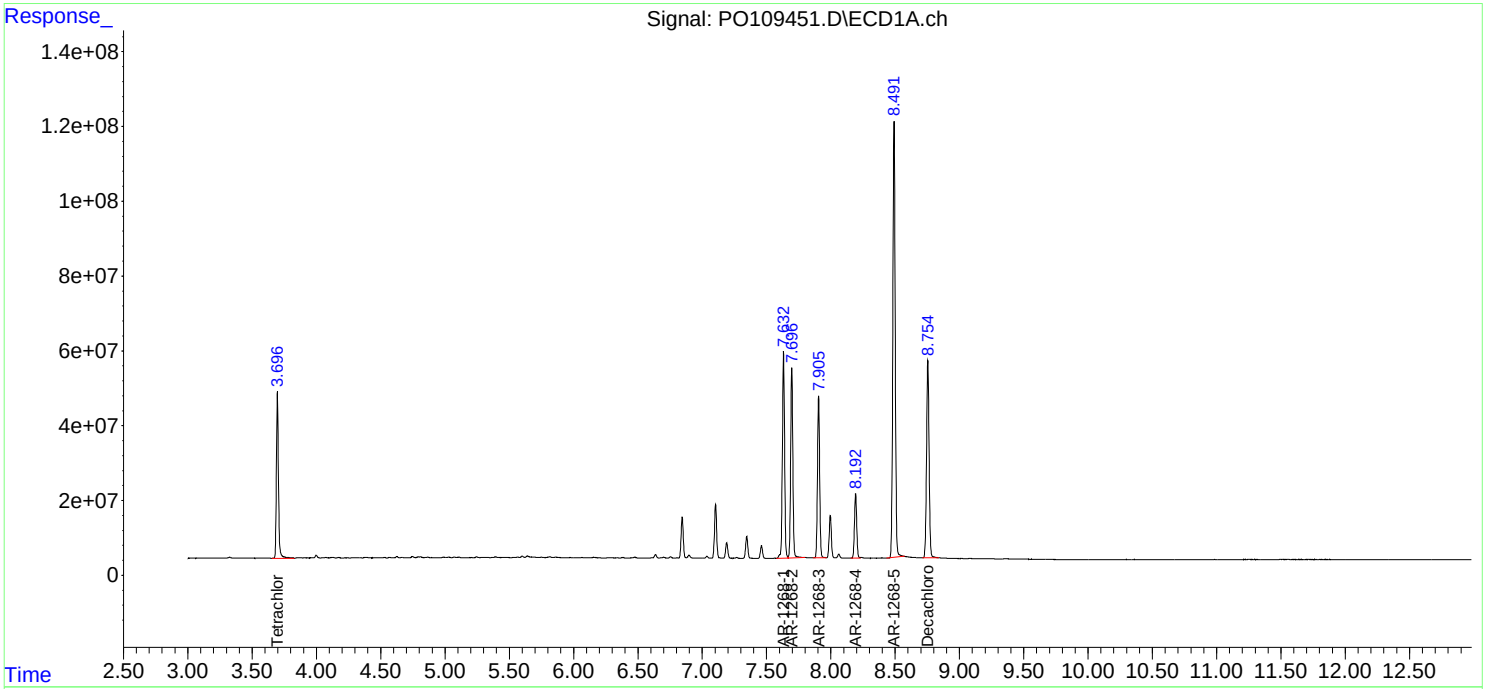
ICAL Form

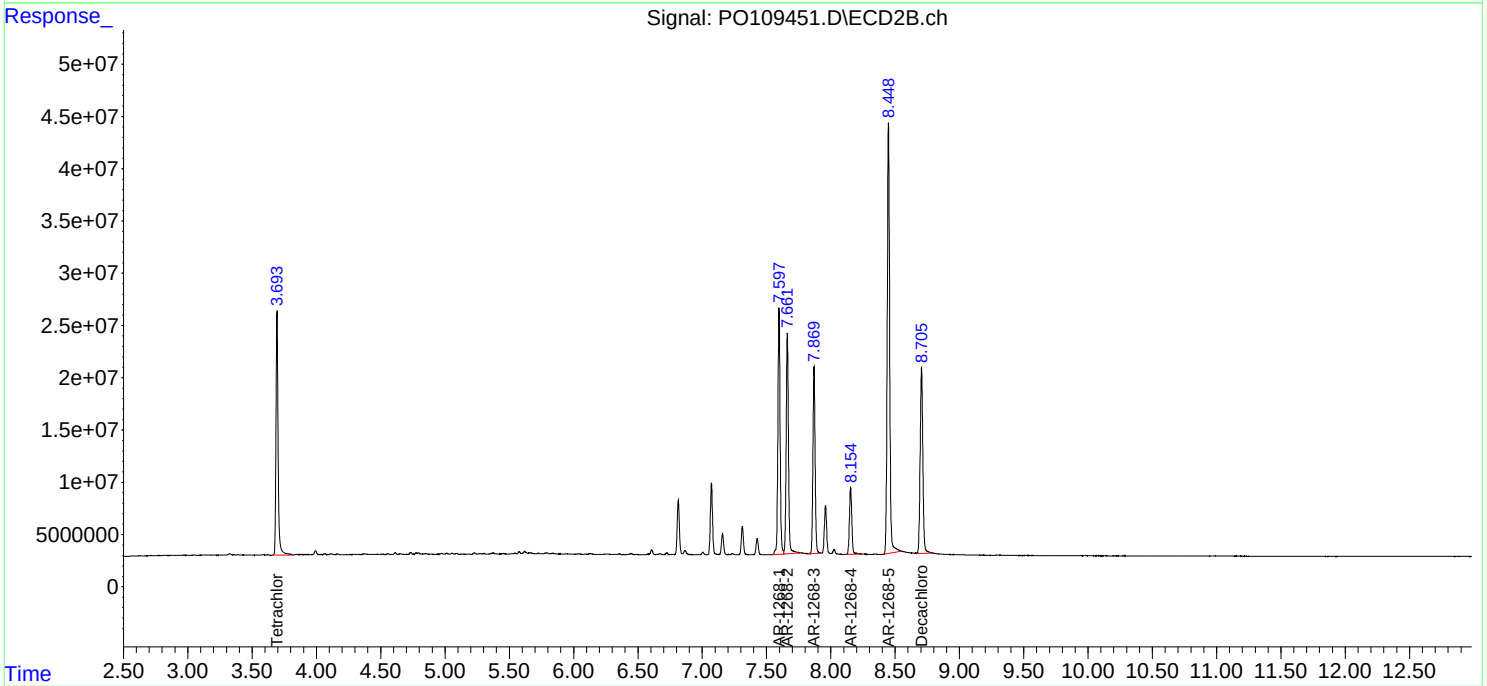
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:25
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:43
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 259.0E6 | 137.7E6 | 26.023 | 25.841 |
| 2) | SA Decachlor... | 8.755 | 8.705 | 379.5E6 | 135.8E6 | 26.223 | 26.497 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.632 | 7.597 | 341.4E6 | 147.8E6 | 259.019 | 261.921 |
| 42) | L9 AR-1268-2 | 7.697 | 7.661 | 311.6E6 | 135.9E6 | 258.003 | 260.784 |
| 43) | L9 AR-1268-3 | 7.905 | 7.869 | 262.4E6 | 110.6E6 | 259.092 | 263.118 |
| 44) | L9 AR-1268-4 | 8.193 | 8.153 | 110.5E6 | 42415364 | 262.992 | 260.091 |
| 45) | L9 AR-1268-5 | 8.492 | 8.447 | 768.8E6 | 280.3E6 | 253.190 | 258.141 |

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

Quantitation Report (QT Reviewed)

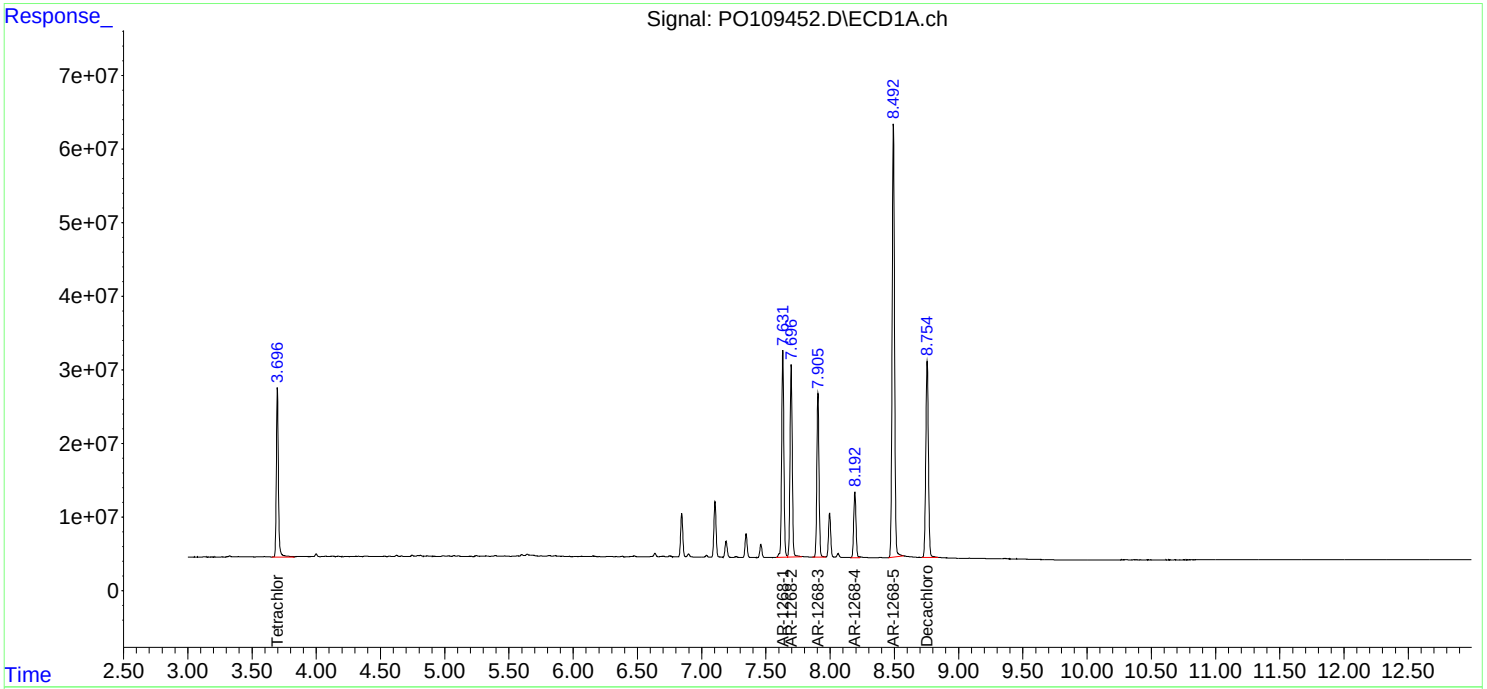
ICAL Form

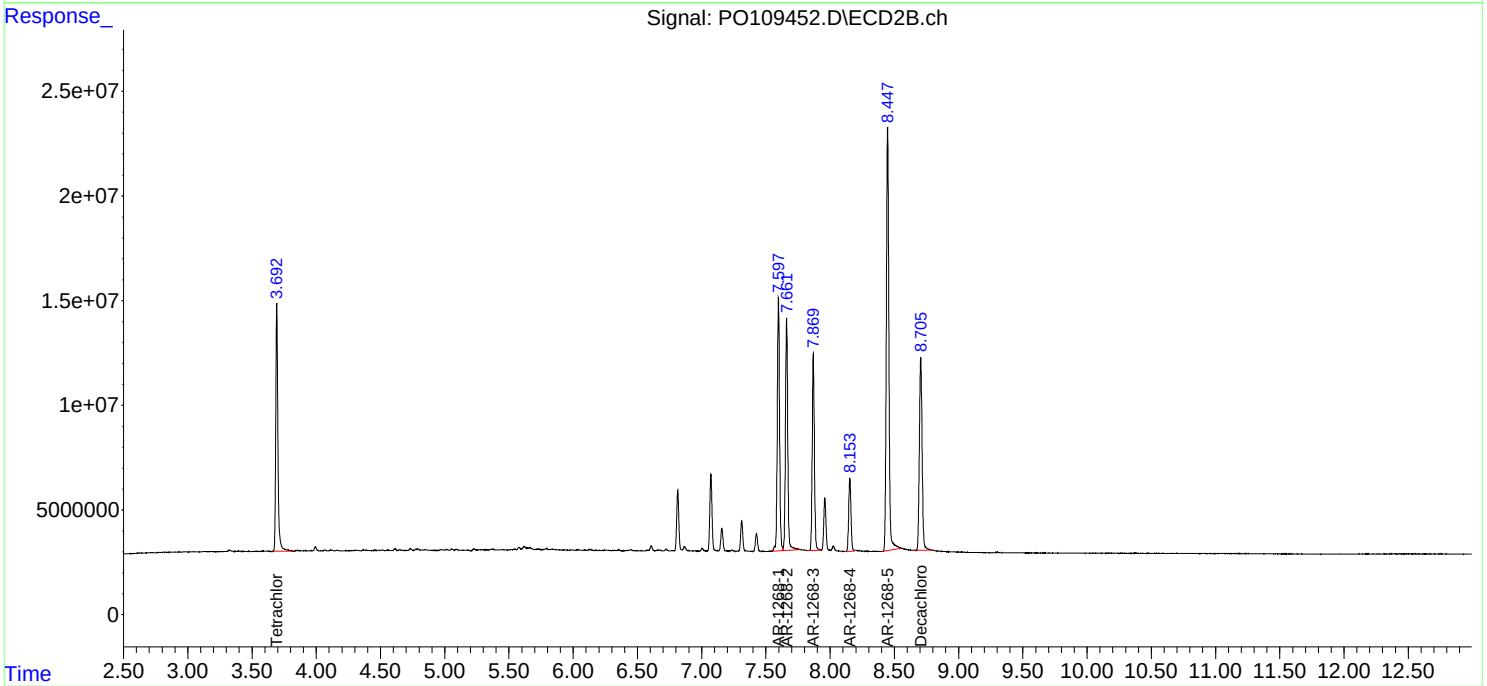
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:43
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:17:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:02
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:18:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.692 | 48540301 | 25644875 | 4.877 | 4.813 |
| 2) | SA Decachlor... | 8.754 | 8.704 | 77206427 | 27914892 | 5.335 | 5.448 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.632 | 7.596 | 67221395 | 29693417 | 50.998 | 52.632 |
| 42) | L9 AR-1268-2 | 7.696 | 7.660 | 60264035 | 26832787 | 49.892 | 51.507 |
| 43) | L9 AR-1268-3 | 7.905 | 7.869 | 51454508 | 22544472 | 50.804 | 53.610 |
| 44) | L9 AR-1268-4 | 8.191 | 8.153 | 22268868 | 8258744 | 52.983 | 50.643 |
| 45) | L9 AR-1268-5 | 8.492 | 8.447 | 145.6E6 | 54675030 | 47.957 | 50.353 |

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

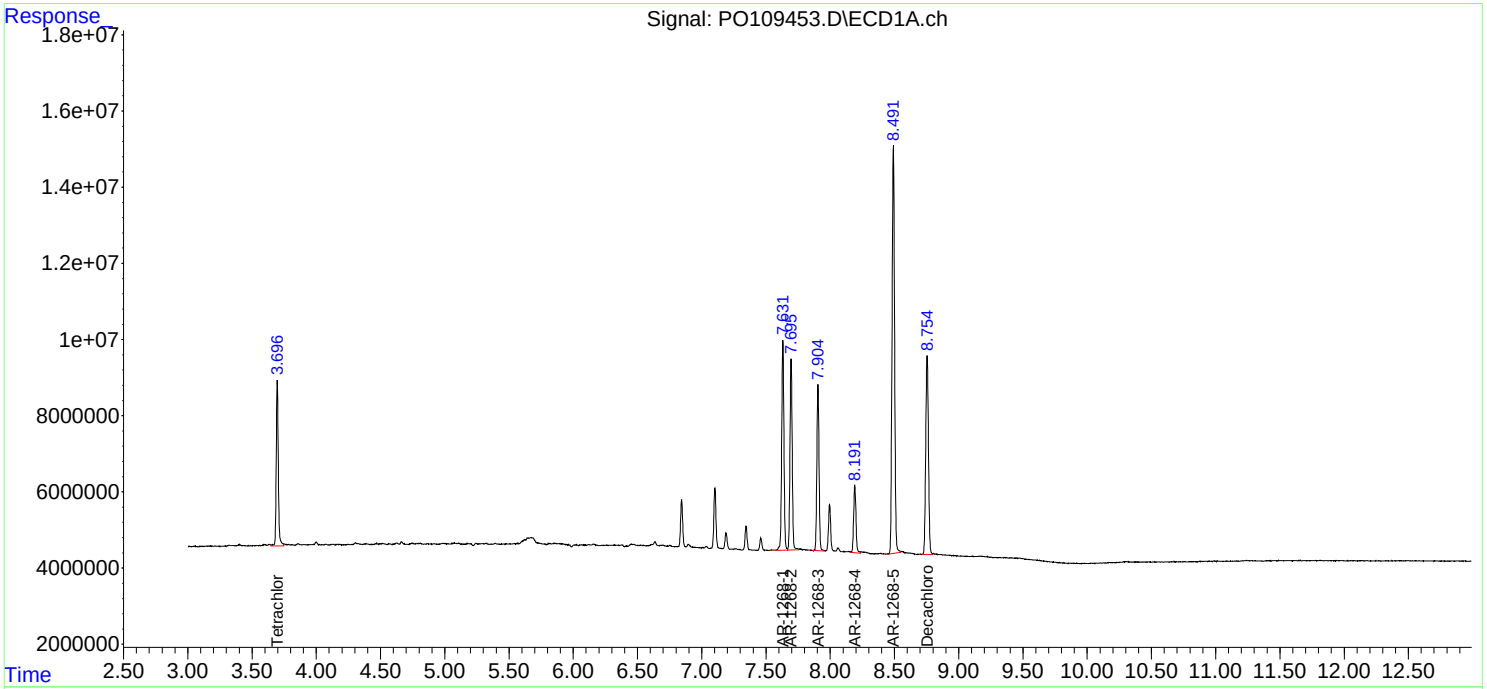
ICAL Form

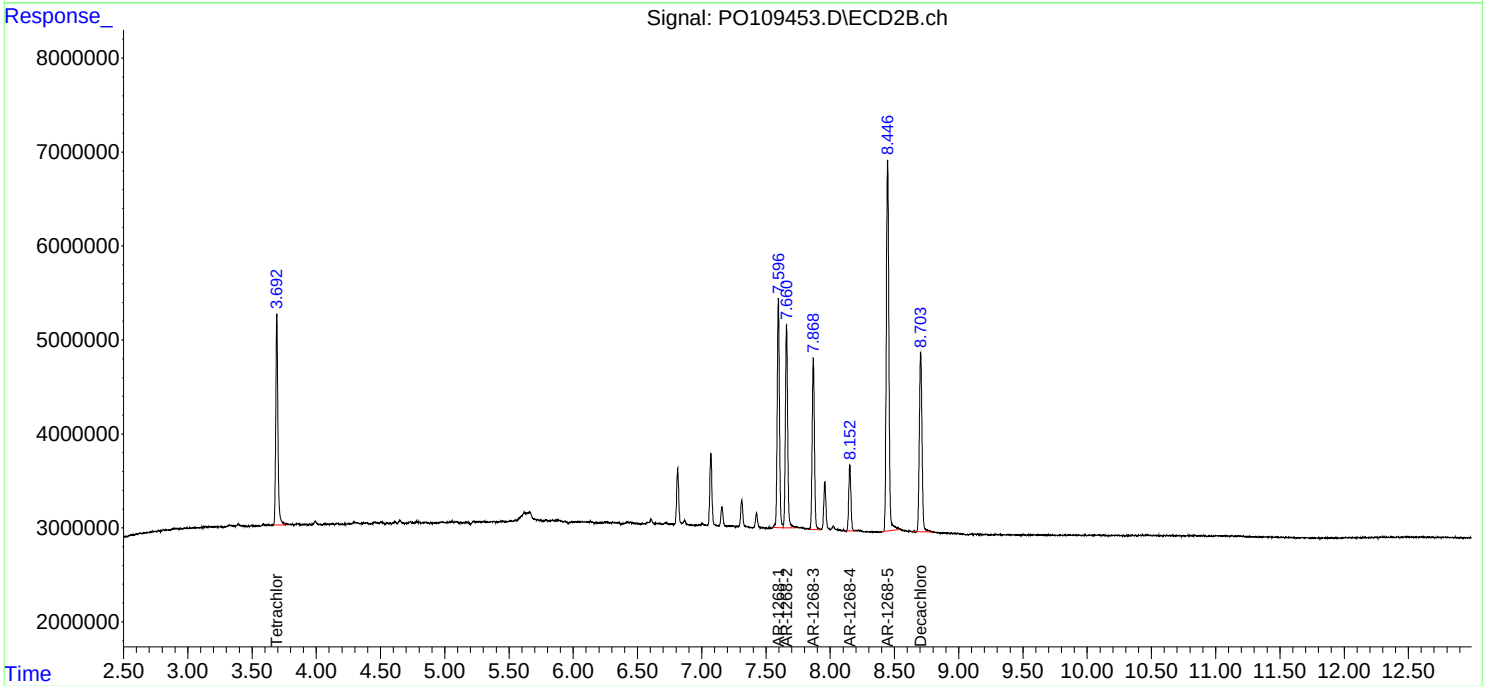
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:02
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:18:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:20
Operator : YP/AJ
Sample : PO022025ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO022025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:02:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.693 | 485.4E6 | 269.8E6 | 51.590 | 51.681 |
| 2) | SA Decachlor... | 8.754 | 8.704 | 443.6E6 | 158.9E6 | 51.926 | 50.342 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.791 | 4.776 | 157.1E6 | 78402892 | 520.861 | 515.700 |
| 4) | L1 AR-1016-2 | 4.810 | 4.796 | 215.0E6 | 109.8E6 | 518.628 | 514.474 |
| 5) | L1 AR-1016-3 | 4.866 | 4.971 | 152.4E6 | 60872209 | 526.733 | 519.332 |
| 6) | L1 AR-1016-4 | 4.987 | 5.013 | 119.0E6 | 52752395 | 526.672 | 521.449 |
| 7) | L1 AR-1016-5 | 5.245 | 5.226 | 131.1E6 | 68386607 | 519.681 | 515.565 |
| 31) | L7 AR-1260-1 | 6.286 | 6.260 | 235.3E6 | 118.3E6 | 513.812 | 508.238 |
| 32) | L7 AR-1260-2 | 6.475 | 6.447 | 286.8E6 | 137.4E6 | 521.487 | 511.120 |
| 33) | L7 AR-1260-3 | 6.844 | 6.600 | 241.2E6 | 127.7E6 | 520.450 | 510.981 |
| 34) | L7 AR-1260-4 | 7.105 | 7.072 | 220.8E6 | 103.3E6 | 518.189 | 510.781 |
| 35) | L7 AR-1260-5 | 7.346 | 7.312 | 513.3E6 | 224.9E6 | 512.587 | 506.808 |

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

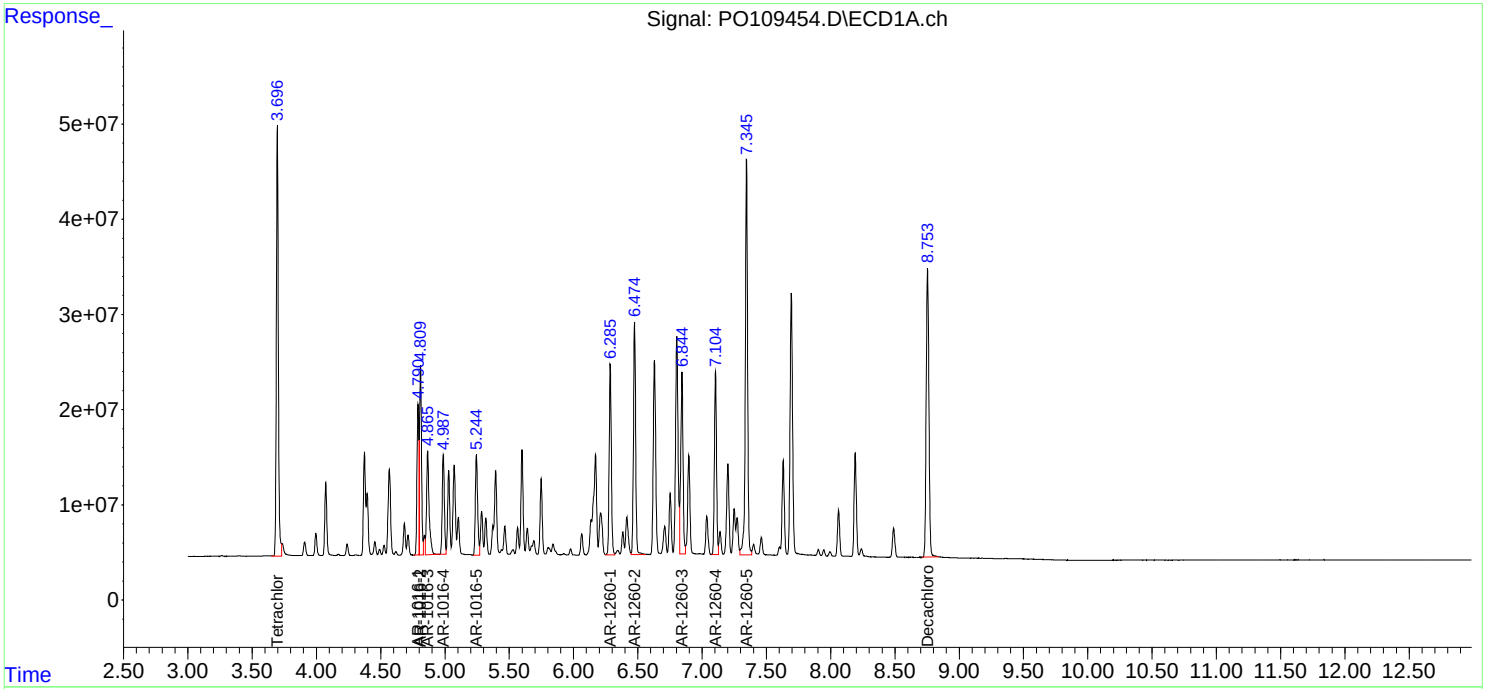
ICAL Form

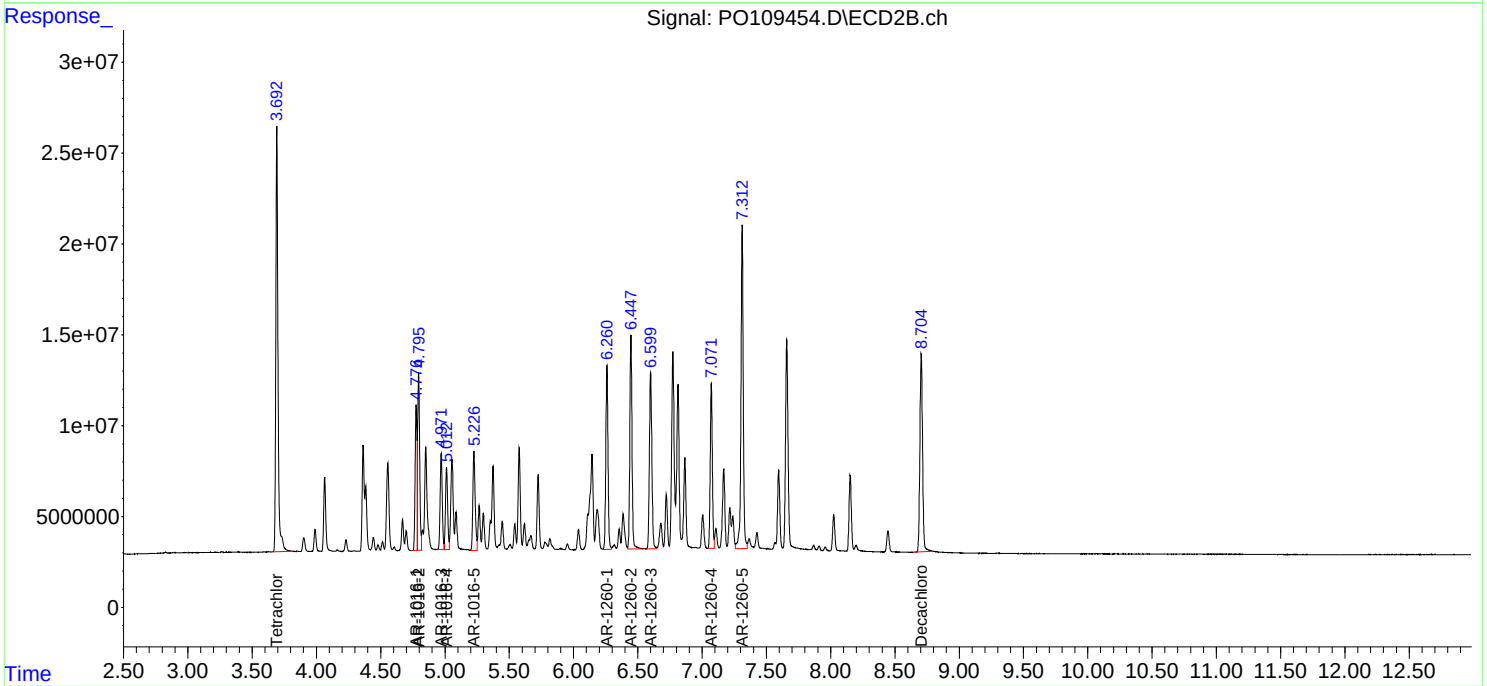
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:20
Operator : YP/AJ
Sample : PO022025ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO022025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:02:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:00:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:38
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO022025AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.693 | 473.0E6 | 263.5E6 | 50.071 | 50.141 |
| 2) | SA Decachlor... | 8.756 | 8.704 | 420.7E6 | 151.7E6 | 51.323 | 50.236 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.791 | 4.777 | 132.7E6 | 66474054 | 503.582 | 499.322 |
| 17) | L4 AR-1242-2 | 4.810 | 4.795 | 181.5E6 | 92310140 | 503.998 | 503.693 |
| 18) | L4 AR-1242-3 | 4.867 | 4.971 | 128.4E6 | 51844543 | 500.289 | 507.061 |
| 19) | L4 AR-1242-4 | 4.987 | 5.055 | 100.9E6 | 54380483 | 503.770 | 504.509 |
| 20) | L4 AR-1242-5 | 5.642 | 5.577 | 106.0E6 | 63476044 | 499.124 | 506.838 |

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

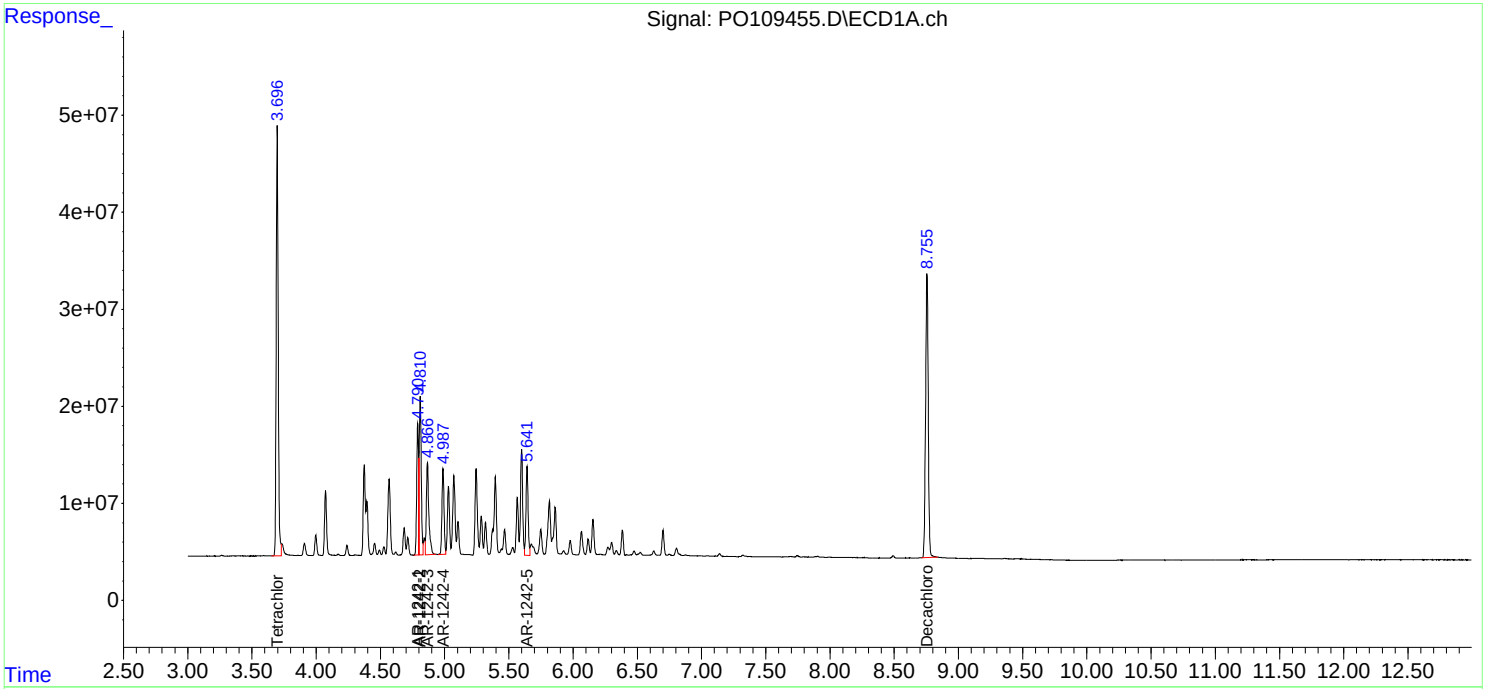
ICAL Form

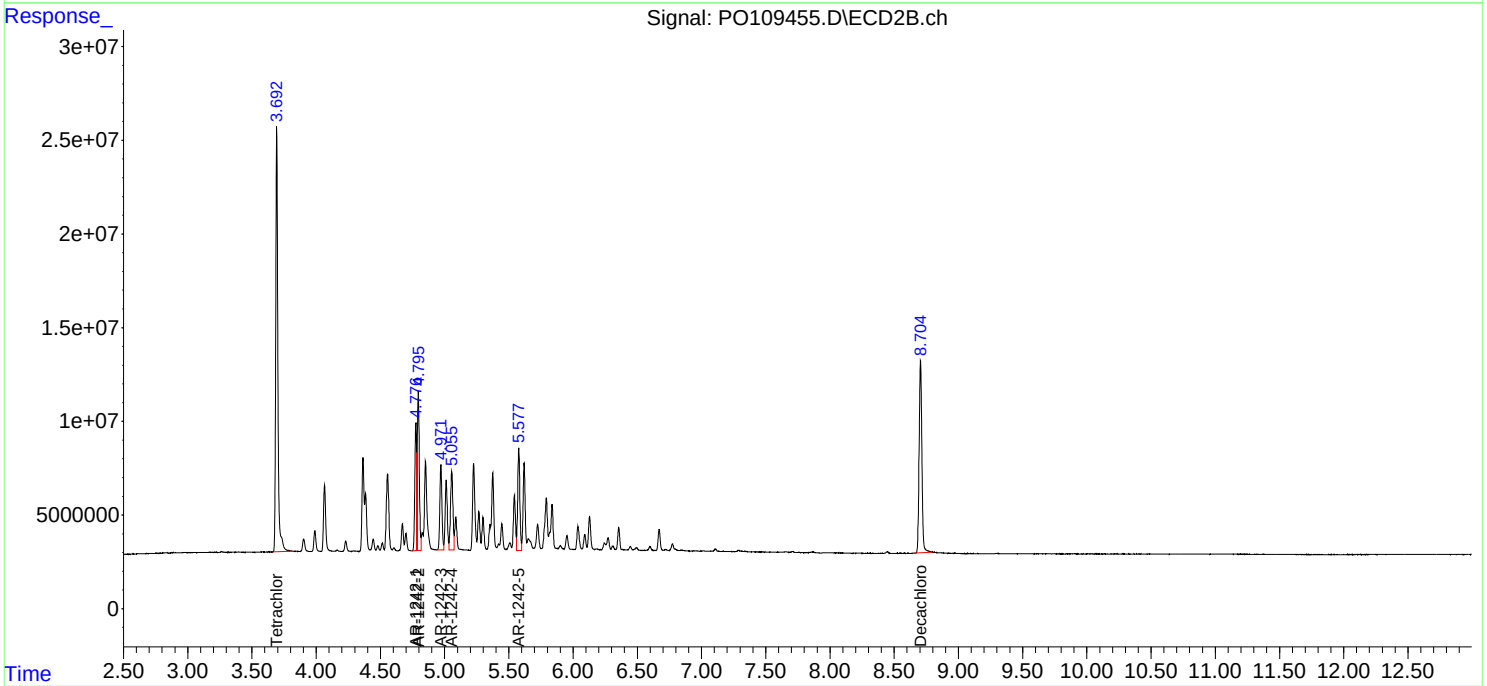
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:38
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO022025AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:28:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:26:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:57
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO022025AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:49:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.693 | 490.5E6 | 262.1E6 | 50.234 | 50.194 |
| 2) | SA Decachlor... | 8.754 | 8.704 | 425.3E6 | 152.0E6 | 51.016 | 50.037 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.790 | 4.776 | 100.9E6 | 50731291 | 502.457 | 503.449 |
| 22) | L5 AR-1248-2 | 5.030 | 5.013 | 140.5E6 | 73502388 | 498.738 | 501.993 |
| 23) | L5 AR-1248-3 | 5.244 | 5.056 | 174.2E6 | 78184021 | 503.235 | 502.140 |
| 24) | L5 AR-1248-4 | 5.599 | 5.227 | 240.3E6 | 91183159 | 501.425 | 505.550 |
| 25) | L5 AR-1248-5 | 5.641 | 5.619 | 167.5E6 | 84456599 | 496.149 | 498.047 |

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

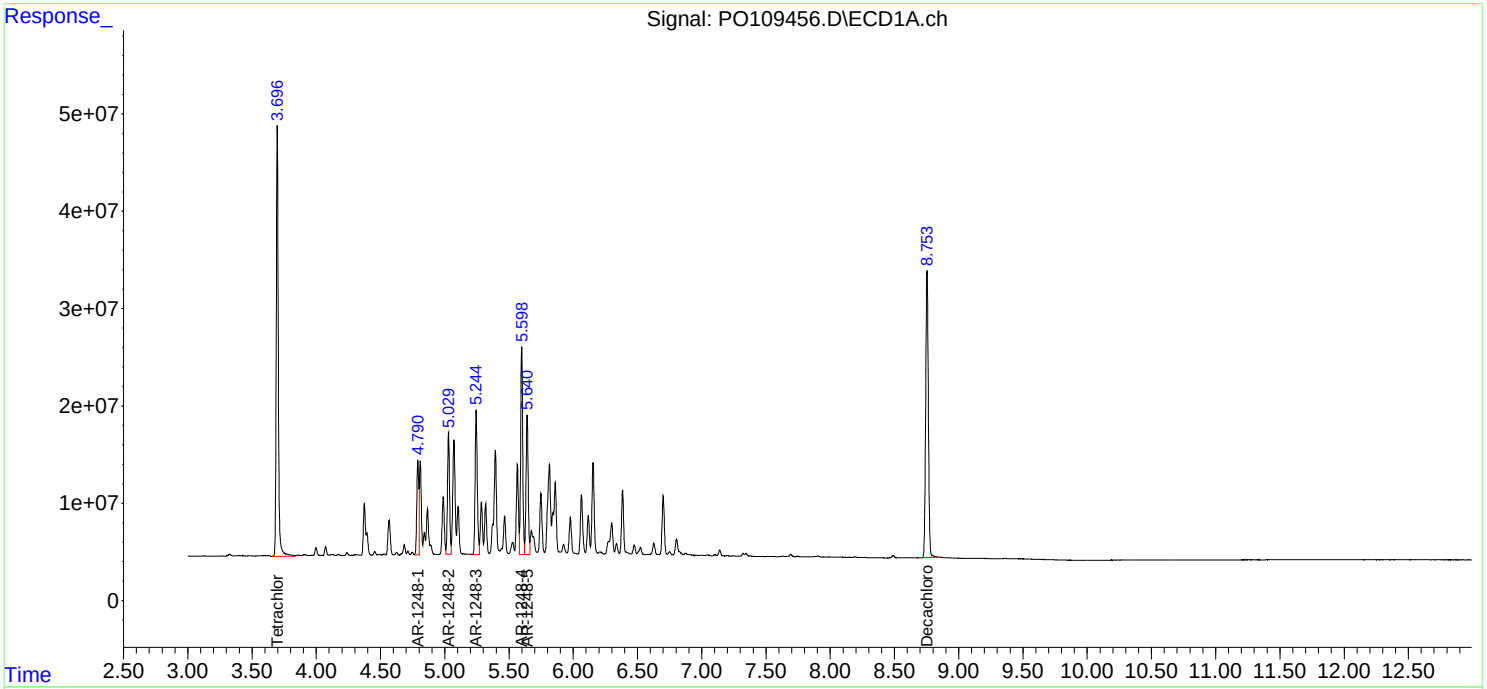
ICAL Form

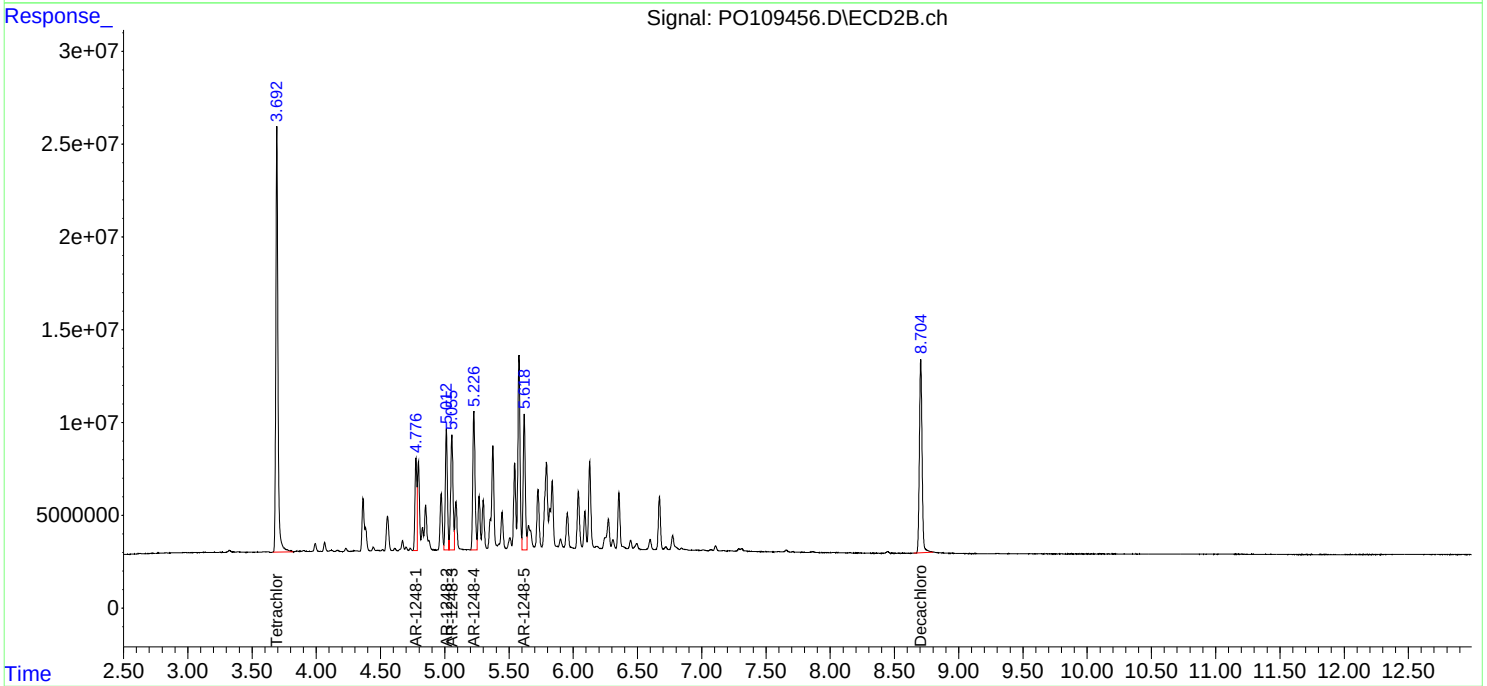
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:57
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO022025AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 02:49:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 02:44:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:15
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO022025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.693 | 499.8E6 | 265.5E6 | 50.778 | 50.913 |
| 2) | SA Decachlor... | 8.755 | 8.705 | 431.6E6 | 154.0E6 | 50.609 | 50.133 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.600 | 5.579 | 259.2E6 | 131.6E6 | 503.961 | 504.534 |
| 27) | L6 AR-1254-2 | 5.749 | 5.727 | 227.8E6 | 116.8E6 | 504.590 | 506.344 |
| 28) | L6 AR-1254-3 | 6.155 | 6.129 | 367.1E6 | 181.9E6 | 505.885 | 503.874 |
| 29) | L6 AR-1254-4 | 6.385 | 6.356 | 217.7E6 | 101.2E6 | 507.824 | 506.393 |
| 30) | L6 AR-1254-5 | 6.805 | 6.775 | 319.4E6 | 149.4E6 | 505.658 | 504.131 |

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

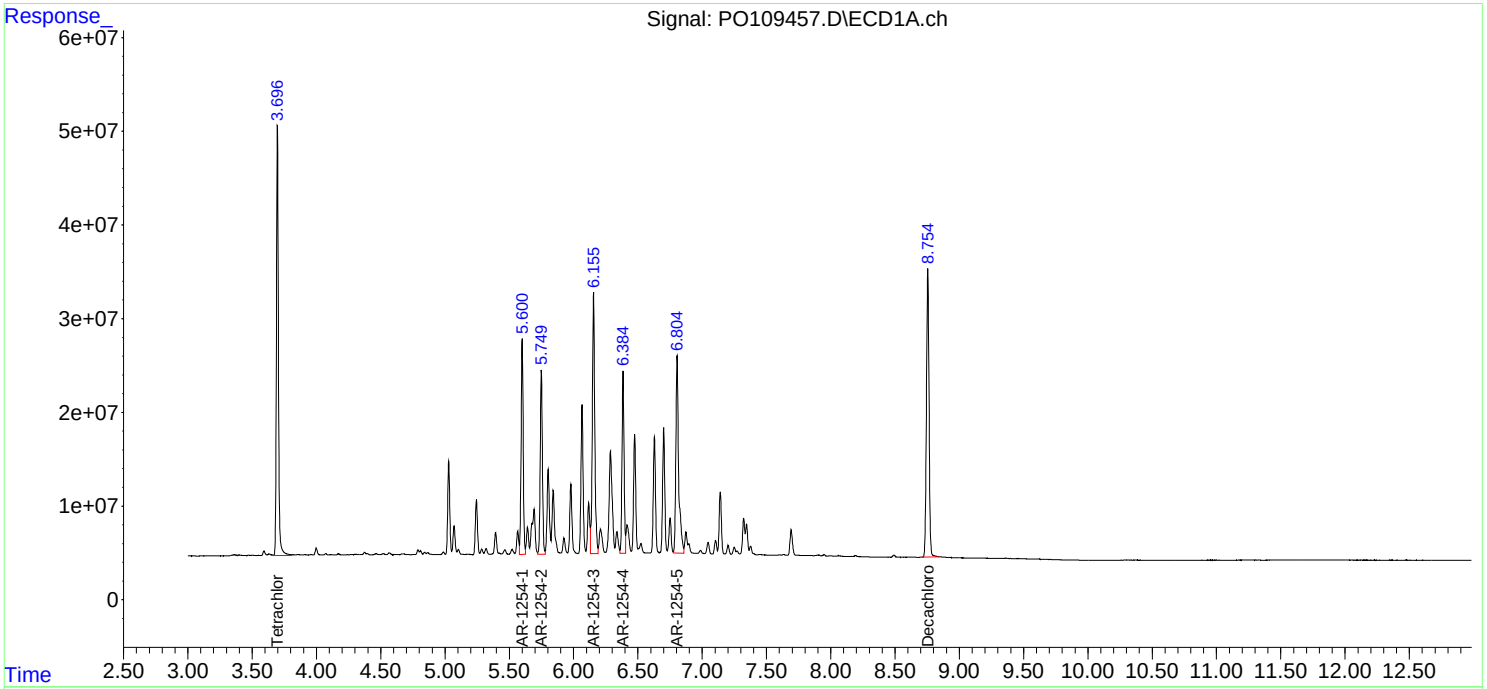
ICAL Form

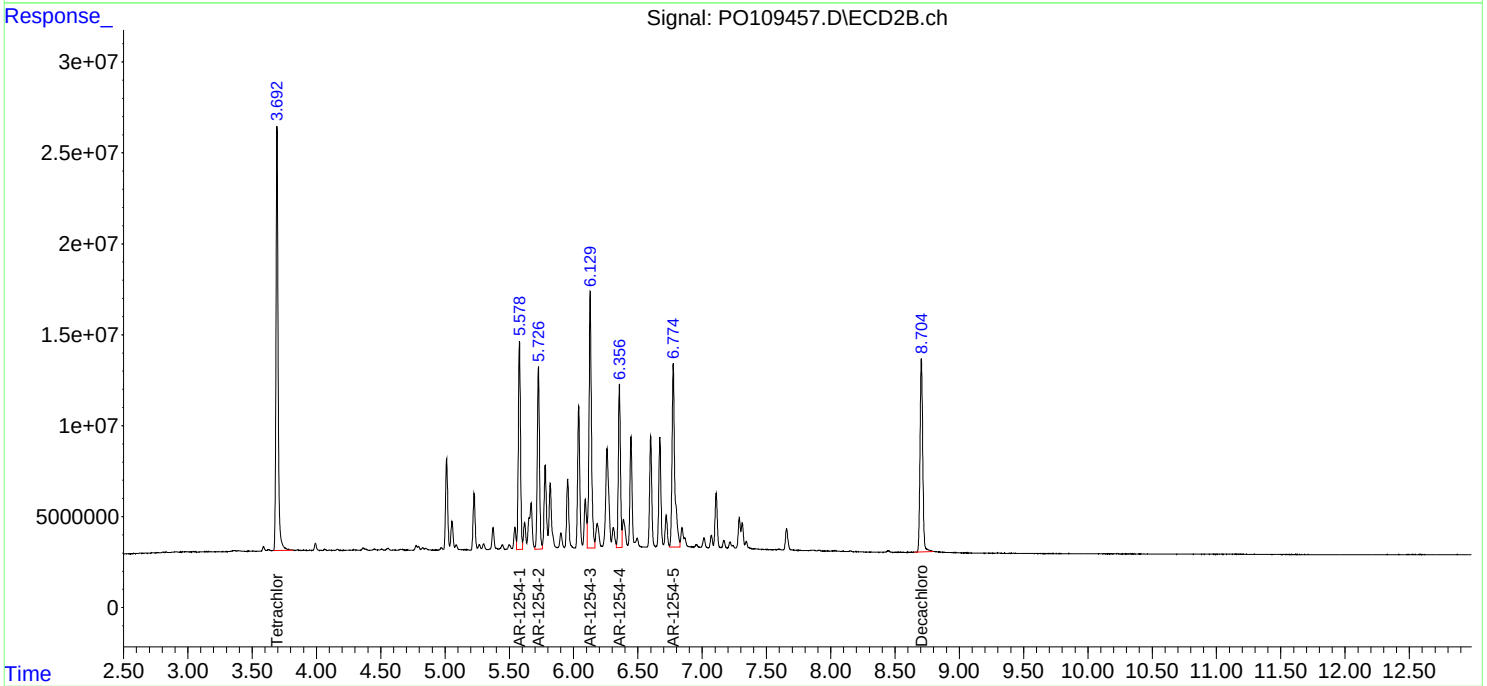
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:15
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO022025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 03:06:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 03:04:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:34
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO022025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:18:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.693 | 505.7E6 | 272.2E6 | 50.812 | 51.081 |
| 2) | SA Decachlor... | 8.754 | 8.704 | 737.4E6 | 260.5E6 | 50.951 | 50.843 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.631 | 7.596 | 670.6E6 | 287.4E6 | 508.735 | 509.428 |
| 42) | L9 AR-1268-2 | 7.696 | 7.660 | 616.2E6 | 265.8E6 | 510.180 | 510.135 |
| 43) | L9 AR-1268-3 | 7.905 | 7.868 | 517.0E6 | 214.7E6 | 510.419 | 510.625 |
| 44) | L9 AR-1268-4 | 8.193 | 8.152 | 213.4E6 | 83152742 | 507.822 | 509.893 |
| 45) | L9 AR-1268-5 | 8.491 | 8.446 | 1546.7E6 | 554.6E6 | 509.351 | 510.729 |

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

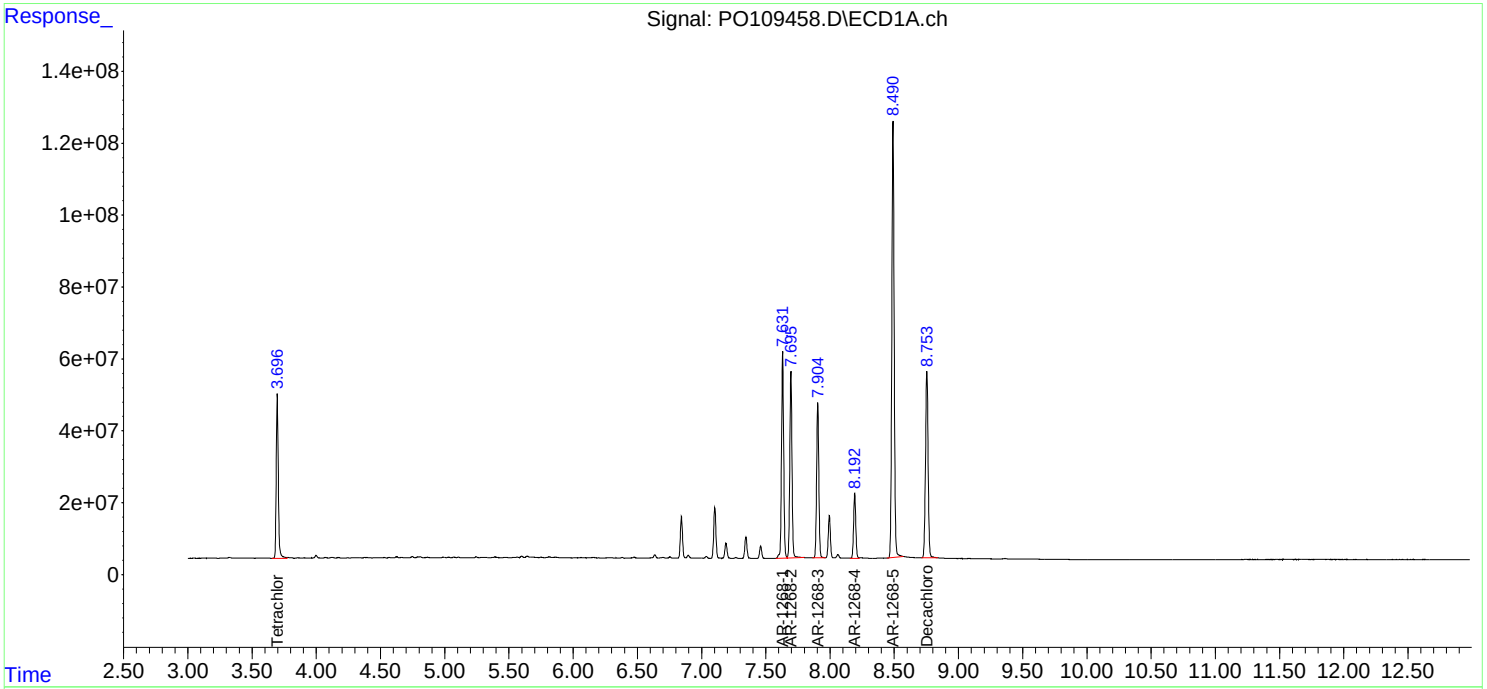
ICAL Form

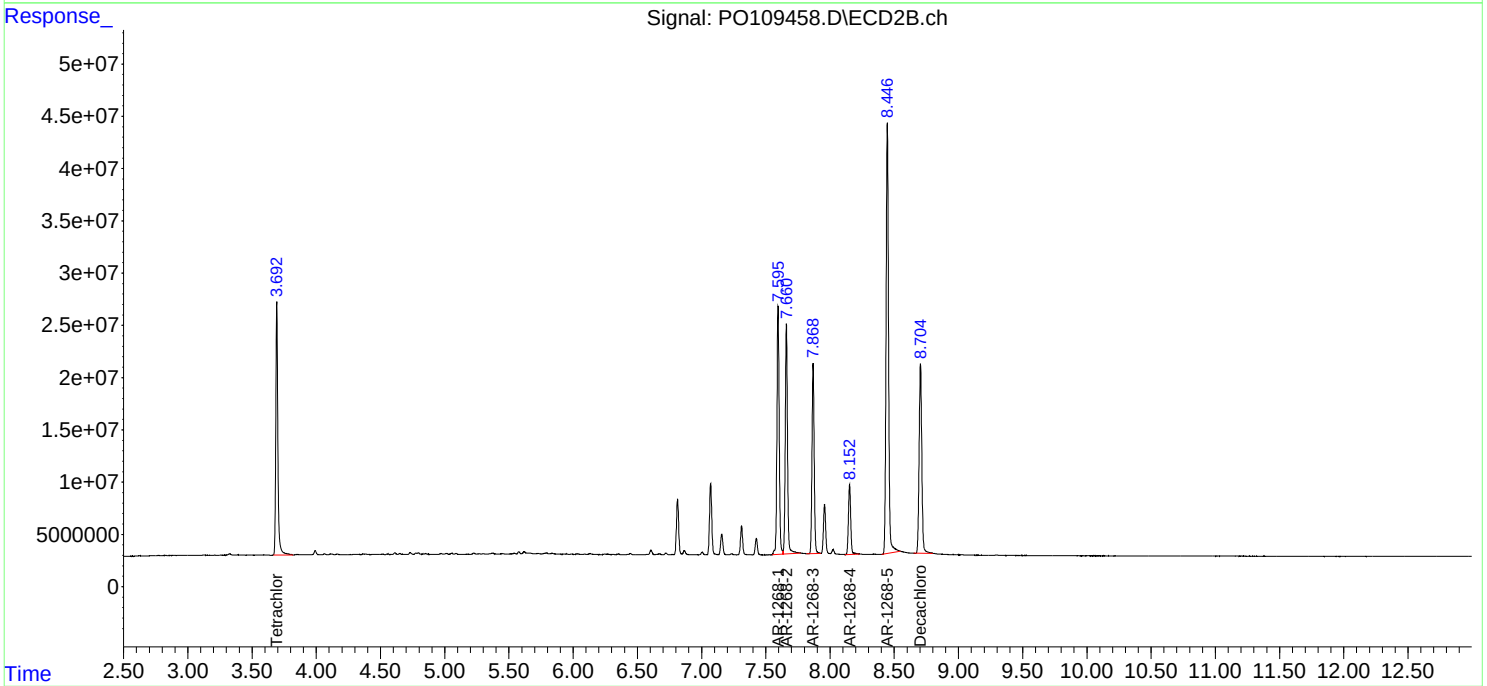
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:34
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO022025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:18:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:14:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data

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

## RETENTION TIMES OF INITIAL CALIBRATION

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Instrument ID:** ECD_P **Calibration Date(s):** 02/24/2025 02/24/2025

**Calibration Times:** 14:59 22:17

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

**LAB FILE ID:** RT 1000 = PP069996.D RT 750 = PP069997.D

RT 500 = PP069998.D RT 250 = PP069999.D RT 050 = PP070000.D

| COMPOUND | | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 5.68 | 5.68 | 5.68 | 5.68 | 5.68 | 5.68 | 5.58 | 5.78 |
| Aroclor-1016-2 | (2) | 5.70 | 5.70 | 5.70 | 5.70 | 5.70 | 5.70 | 5.60 | 5.80 |
| Aroclor-1016-3 | (3) | 5.76 | 5.76 | 5.77 | 5.76 | 5.76 | 5.76 | 5.66 | 5.86 |
| Aroclor-1016-4 | (4) | 5.86 | 5.86 | 5.86 | 5.86 | 5.86 | 5.86 | 5.76 | 5.96 |
| Aroclor-1016-5 | (5) | 6.15 | 6.15 | 6.16 | 6.15 | 6.15 | 6.15 | 6.05 | 6.25 |
| Aroclor-1260-1 | (1) | 7.27 | 7.27 | 7.28 | 7.27 | 7.28 | 7.27 | 7.17 | 7.37 |
| Aroclor-1260-2 | (2) | 7.52 | 7.53 | 7.53 | 7.53 | 7.53 | 7.53 | 7.43 | 7.63 |
| Aroclor-1260-3 | (3) | 7.88 | 7.89 | 7.89 | 7.88 | 7.89 | 7.89 | 7.79 | 7.99 |
| Aroclor-1260-4 | (4) | 8.11 | 8.11 | 8.11 | 8.11 | 8.11 | 8.11 | 8.01 | 8.21 |
| Aroclor-1260-5 | (5) | 8.43 | 8.43 | 8.43 | 8.43 | 8.43 | 8.43 | 8.33 | 8.53 |
| Decachlorobiphenyl | | 10.25 | 10.26 | 10.26 | 10.25 | 10.26 | 10.25 | 10.15 | 10.35 |
| Tetrachloro-m-xylene | | 4.52 | 4.53 | 4.53 | 4.52 | 4.53 | 4.53 | 4.43 | 4.63 |
| Aroclor-1242-1 | (1) | 5.68 | 5.68 | 5.68 | 5.68 | 5.68 | 5.68 | 5.58 | 5.78 |
| Aroclor-1242-2 | (2) | 5.70 | 5.70 | 5.70 | 5.70 | 5.70 | 5.70 | 5.60 | 5.80 |
| Aroclor-1242-3 | (3) | 5.76 | 5.76 | 5.77 | 5.76 | 5.76 | 5.76 | 5.66 | 5.86 |
| Aroclor-1242-4 | (4) | 5.86 | 5.86 | 5.86 | 5.86 | 5.86 | 5.86 | 5.76 | 5.96 |
| Aroclor-1242-5 | (5) | 6.59 | 6.59 | 6.59 | 6.59 | 6.59 | 6.59 | 6.49 | 6.69 |
| Decachlorobiphenyl | | 10.26 | 10.25 | 10.26 | 10.25 | 10.26 | 10.26 | 10.16 | 10.36 |
| Tetrachloro-m-xylene | | 4.53 | 4.52 | 4.53 | 4.53 | 4.53 | 4.53 | 4.43 | 4.63 |
| Aroclor-1248-1 | (1) | 5.68 | 5.68 | 5.68 | 5.68 | 5.68 | 5.68 | 5.58 | 5.78 |
| Aroclor-1248-2 | (2) | 5.95 | 5.95 | 5.95 | 5.95 | 5.95 | 5.95 | 5.85 | 6.05 |
| Aroclor-1248-3 | (3) | 6.15 | 6.16 | 6.15 | 6.15 | 6.15 | 6.15 | 6.05 | 6.25 |
| Aroclor-1248-4 | (4) | 6.55 | 6.56 | 6.55 | 6.55 | 6.55 | 6.55 | 6.45 | 6.65 |
| Aroclor-1248-5 | (5) | 6.59 | 6.59 | 6.59 | 6.59 | 6.59 | 6.59 | 6.49 | 6.69 |
| Decachlorobiphenyl | | 10.26 | 10.26 | 10.26 | 10.26 | 10.25 | 10.26 | 10.16 | 10.36 |
| Tetrachloro-m-xylene | | 4.53 | 4.53 | 4.53 | 4.53 | 4.52 | 4.53 | 4.43 | 4.63 |
| Aroclor-1254-1 | (1) | 6.53 | 6.53 | 6.53 | 6.53 | 6.53 | 6.53 | 6.43 | 6.63 |
| Aroclor-1254-2 | (2) | 6.75 | 6.74 | 6.75 | 6.75 | 6.74 | 6.75 | 6.65 | 6.85 |
| Aroclor-1254-3 | (3) | 7.11 | 7.11 | 7.11 | 7.11 | 7.11 | 7.11 | 7.01 | 7.21 |
| Aroclor-1254-4 | (4) | 7.39 | 7.39 | 7.39 | 7.39 | 7.39 | 7.39 | 7.29 | 7.49 |
| Aroclor-1254-5 | (5) | 7.81 | 7.80 | 7.81 | 7.81 | 7.81 | 7.81 | 7.71 | 7.91 |
| Decachlorobiphenyl | | 10.26 | 10.25 | 10.26 | 10.26 | 10.26 | 10.26 | 10.16 | 10.36 |
| Tetrachloro-m-xylene | | 4.53 | 4.52 | 4.53 | 4.53 | 4.52 | 4.53 | 4.43 | 4.63 |
| Aroclor-1268-1 | (1) | 8.74 | 8.75 | 8.75 | 8.74 | 8.75 | 8.75 | 8.65 | 8.85 |
| Aroclor-1268-2 | (2) | 8.84 | 8.84 | 8.84 | 8.84 | 8.84 | 8.84 | 8.74 | 8.94 |
| Aroclor-1268-3 | (3) | 9.07 | 9.07 | 9.07 | 9.07 | 9.07 | 9.07 | 8.97 | 9.17 |
| Aroclor-1268-4 | (4) | 9.49 | 9.49 | 9.49 | 9.49 | 9.49 | 9.49 | 9.39 | 9.59 |
| Aroclor-1268-5 | (5) | 9.91 | 9.91 | 9.91 | 9.91 | 9.91 | 9.91 | 9.81 | 10.01 |

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**RETENTION TIMES OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 10.25 | 10.25 | 10.26 | 10.25 | 10.26 | 10.25 | 10.15 | 10.35 |
| Tetrachloro-m-xylene | 4.52 | 4.53 | 4.53 | 4.52 | 4.53 | 4.53 | 4.43 | 4.63 |

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## RETENTION TIMES OF INITIAL CALIBRATION

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Instrument ID:** ECD_P **Calibration Date(s):** 02/24/2025 02/24/2025

**Calibration Times:** 14:59 22:17

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

**LAB FILE ID:** RT 1000 = PP069996.D RT 750 = PP069997.D

RT 500 = PP069998.D RT 250 = PP069999.D RT 050 = PP070000.D

| COMPOUND | | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.92 | 4.92 | 4.92 | 4.92 | 4.92 | 4.92 | 4.82 | 5.02 |
| Aroclor-1016-2 | (2) | 4.94 | 4.94 | 4.94 | 4.94 | 4.94 | 4.94 | 4.84 | 5.04 |
| Aroclor-1016-3 | (3) | 5.12 | 5.12 | 5.12 | 5.12 | 5.12 | 5.12 | 5.02 | 5.22 |
| Aroclor-1016-4 | (4) | 5.16 | 5.16 | 5.16 | 5.16 | 5.16 | 5.16 | 5.06 | 5.26 |
| Aroclor-1016-5 | (5) | 5.37 | 5.37 | 5.37 | 5.37 | 5.37 | 5.37 | 5.27 | 5.47 |
| Aroclor-1260-1 | (1) | 6.41 | 6.41 | 6.41 | 6.41 | 6.41 | 6.41 | 6.31 | 6.51 |
| Aroclor-1260-2 | (2) | 6.60 | 6.60 | 6.60 | 6.60 | 6.60 | 6.60 | 6.50 | 6.70 |
| Aroclor-1260-3 | (3) | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.65 | 6.85 |
| Aroclor-1260-4 | (4) | 7.23 | 7.23 | 7.23 | 7.23 | 7.23 | 7.23 | 7.13 | 7.33 |
| Aroclor-1260-5 | (5) | 7.47 | 7.47 | 7.47 | 7.47 | 7.47 | 7.47 | 7.37 | 7.57 |
| Decachlorobiphenyl | | 8.89 | 8.89 | 8.89 | 8.89 | 8.89 | 8.89 | 8.79 | 8.99 |
| Tetrachloro-m-xylene | | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.73 | 3.93 |
| Aroclor-1242-1 | (1) | 4.92 | 4.92 | 4.92 | 4.92 | 4.92 | 4.92 | 4.82 | 5.02 |
| Aroclor-1242-2 | (2) | 4.94 | 4.94 | 4.94 | 4.94 | 4.94 | 4.94 | 4.84 | 5.04 |
| Aroclor-1242-3 | (3) | 5.12 | 5.12 | 5.12 | 5.12 | 5.12 | 5.12 | 5.02 | 5.22 |
| Aroclor-1242-4 | (4) | 5.20 | 5.20 | 5.20 | 5.20 | 5.20 | 5.20 | 5.10 | 5.30 |
| Aroclor-1242-5 | (5) | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.63 | 5.83 |
| Decachlorobiphenyl | | 8.89 | 8.89 | 8.89 | 8.89 | 8.89 | 8.89 | 8.79 | 8.99 |
| Tetrachloro-m-xylene | | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.73 | 3.93 |
| Aroclor-1248-1 | (1) | 4.92 | 4.92 | 4.92 | 4.92 | 4.92 | 4.92 | 4.82 | 5.02 |
| Aroclor-1248-2 | (2) | 5.16 | 5.16 | 5.16 | 5.16 | 5.16 | 5.16 | 5.06 | 5.26 |
| Aroclor-1248-3 | (3) | 5.20 | 5.20 | 5.20 | 5.20 | 5.20 | 5.20 | 5.10 | 5.30 |
| Aroclor-1248-4 | (4) | 5.37 | 5.37 | 5.37 | 5.37 | 5.37 | 5.37 | 5.27 | 5.47 |
| Aroclor-1248-5 | (5) | 5.77 | 5.77 | 5.77 | 5.77 | 5.77 | 5.77 | 5.67 | 5.87 |
| Decachlorobiphenyl | | 8.89 | 8.89 | 8.89 | 8.89 | 8.89 | 8.89 | 8.79 | 8.99 |
| Tetrachloro-m-xylene | | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.73 | 3.93 |
| Aroclor-1254-1 | (1) | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.63 | 5.83 |
| Aroclor-1254-2 | (2) | 5.88 | 5.88 | 5.88 | 5.88 | 5.87 | 5.88 | 5.78 | 5.98 |
| Aroclor-1254-3 | (3) | 6.28 | 6.28 | 6.28 | 6.28 | 6.28 | 6.28 | 6.18 | 6.38 |
| Aroclor-1254-4 | (4) | 6.51 | 6.51 | 6.51 | 6.51 | 6.51 | 6.51 | 6.41 | 6.61 |
| Aroclor-1254-5 | (5) | 6.93 | 6.93 | 6.93 | 6.93 | 6.93 | 6.93 | 6.83 | 7.03 |
| Decachlorobiphenyl | | 8.89 | 8.89 | 8.89 | 8.89 | 8.89 | 8.89 | 8.79 | 8.99 |
| Tetrachloro-m-xylene | | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.73 | 3.93 |
| Aroclor-1268-1 | (1) | 7.75 | 7.75 | 7.75 | 7.75 | 7.75 | 7.75 | 7.65 | 7.85 |
| Aroclor-1268-2 | (2) | 7.81 | 7.82 | 7.82 | 7.81 | 7.81 | 7.81 | 7.71 | 7.91 |
| Aroclor-1268-3 | (3) | 8.02 | 8.02 | 8.02 | 8.02 | 8.02 | 8.02 | 7.92 | 8.12 |
| Aroclor-1268-4 | (4) | 8.32 | 8.32 | 8.32 | 8.31 | 8.32 | 8.32 | 8.22 | 8.42 |
| Aroclor-1268-5 | (5) | 8.62 | 8.62 | 8.62 | 8.62 | 8.62 | 8.62 | 8.52 | 8.72 |

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**RETENTION TIMES OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.89 | 8.89 | 8.89 | 8.89 | 8.89 | 8.89 | 8.79 | 8.99 |
| Tetrachloro-m-xylene | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.73 | 3.93 |

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## CALIBRATION FACTOR OF INITIAL CALIBRATION

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Instrument ID:** ECD_P

**Calibration Date(s):** 02/24/2025 02/24/2025

**Calibration Times:** 14:59 22:17

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

**LAB FILE ID:** **CF 1000 =** PP069996.D **CF 750 =** PP069997.D

**CF 500 =** PP069998.D **CF 250 =** PP069999.D **CF 050 =** PP070000.D

| COMPOUND | | CF 1000 | CF 750 | CF 500 | CF 250 | CF 050 | CF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 45557625 | 47855512 | 49968516 | 54800208 | 50948980 | 49826168 | 7 |
| Aroclor-1016-2 | (2) | 66706952 | 67781012 | 72991154 | 76640772 | 69769920 | 70777962 | 6 |
| Aroclor-1016-3 | (3) | 40794671 | 44579197 | 45146958 | 47844192 | 41247180 | 43922440 | 7 |
| Aroclor-1016-4 | (4) | 33978080 | 35043389 | 37559532 | 39668600 | 35057220 | 36261364 | 6 |
| Aroclor-1016-5 | (5) | 31514906 | 31680175 | 34068042 | 35364724 | 35064900 | 33538549 | 5 |
| Aroclor-1260-1 | (1) | 54823994 | 55486535 | 59388846 | 62695304 | 59405260 | 58359988 | 6 |
| Aroclor-1260-2 | (2) | 73383444 | 75987972 | 80712800 | 85961116 | 92581060 | 81725278 | 9 |
| Aroclor-1260-3 | (3) | 59489338 | 60560020 | 64011918 | 67792592 | 61951460 | 62761066 | 5 |
| Aroclor-1260-4 | (4) | 58704582 | 59596489 | 63141360 | 67201512 | 68361020 | 63400993 | 7 |
| Aroclor-1260-5 | (5) | 124764910 | 128178828 | 134805260 | 140592412 | 127581700 | 131184622 | 5 |
| Decachlorobiphenyl | | 1071742430 | 1139629213 | 1165555660 | 1227723520 | 1090515400 | 1139033245 | 5 |
| Tetrachloro-m-xylene | | 1433727050 | 1435859520 | 1533424440 | 1590932200 | 1344174400 | 1467623522 | 7 |
| Aroclor-1242-1 | (1) | 38359202 | 40766156 | 41566668 | 47963164 | 43620760 | 42455190 | 9 |
| Aroclor-1242-2 | (2) | 56757612 | 55666953 | 60328714 | 62664932 | 52294440 | 57542530 | 7 |
| Aroclor-1242-3 | (3) | 34692482 | 36785992 | 38528310 | 46539712 | 33080140 | 37925327 | 14 |
| Aroclor-1242-4 | (4) | 28738709 | 28291829 | 32018112 | 32372976 | 27652280 | 29814781 | 7 |
| Aroclor-1242-5 | (5) | 32588629 | 32785485 | 35429746 | 39255208 | 36117200 | 35235254 | 8 |
| Decachlorobiphenyl | | 1021050090 | 1049520227 | 1099648880 | 1125224680 | 979176800 | 1054924135 | 6 |
| Tetrachloro-m-xylene | | 1392047690 | 1350066600 | 1467421460 | 1456806320 | 1242599600 | 1381788334 | 7 |
| Aroclor-1248-1 | (1) | 29585124 | 31433301 | 32559076 | 36305496 | 33667780 | 32710155 | 8 |
| Aroclor-1248-2 | (2) | 39473771 | 42013749 | 42864276 | 46958912 | 39450360 | 42152214 | 7 |
| Aroclor-1248-3 | (3) | 43926772 | 44170904 | 46948106 | 50004072 | 40811360 | 45172243 | 8 |
| Aroclor-1248-4 | (4) | 53918087 | 55655911 | 58640506 | 66304332 | 60297700 | 58963307 | 8 |
| Aroclor-1248-5 | (5) | 51833391 | 52919351 | 56894804 | 67563228 | 56719440 | 57186043 | 11 |
| Decachlorobiphenyl | | 1044729320 | 1067835560 | 1119982260 | 1186291160 | 1031748600 | 1090117380 | 6 |
| Tetrachloro-m-xylene | | 1393266240 | 1426265507 | 1481945040 | 1527838200 | 1310175600 | 1427898117 | 6 |
| Aroclor-1254-1 | (1) | 51156577 | 57570420 | 60622162 | 67008468 | 47144000 | 56700325 | 14 |
| Aroclor-1254-2 | (2) | 78872042 | 81254612 | 86985854 | 93340172 | 97974740 | 87685484 | 9 |
| Aroclor-1254-3 | (3) | 79973406 | 82322503 | 87641586 | 92940192 | 102754200 | 89126377 | 10 |
| Aroclor-1254-4 | (4) | 66856800 | 68050653 | 73453394 | 76814612 | 87380160 | 74511124 | 11 |
| Aroclor-1254-5 | (5) | 65315189 | 68448207 | 69620926 | 72356948 | 60070200 | 67162294 | 7 |
| Decachlorobiphenyl | | 1075591380 | 1094765307 | 1221801800 | 1207489520 | 1097348200 | 1139399241 | 6 |
| Tetrachloro-m-xylene | | 1443804100 | 1475957520 | 1555264320 | 1605313440 | 1392239200 | 1494515716 | 6 |
| Aroclor-1268-1 | (1) | 188433469 | 184749517 | 193628348 | 206851508 | 186804180 | 192093404 | 5 |

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**CALIBRATION FACTOR OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1268-2 | (2) | 162697797 | 159627413 | 168307400 | 177293676 | 160000200 | 165585297 | 4 |
| Aroclor-1268-3 | (3) | 141621356 | 137143849 | 145386650 | 153273656 | 140094780 | 143504058 | 4 |
| Aroclor-1268-4 | (4) | 63392961 | 60284985 | 64357574 | 66970196 | 60240320 | 63049207 | 5 |
| Aroclor-1268-5 | (5) | 414016384 | 401287087 | 418333378 | 444189832 | 401775920 | 415920520 | 4 |
| Decachlorobiphenyl | | 1839528480 | 1828279133 | 1916502300 | 2031355480 | 1847859400 | 1892704959 | 4 |
| Tetrachloro-m-xylene | | 1501238100 | 1376017987 | 1532711540 | 1621137720 | 1417123400 | 1489645749 | 7 |

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## CALIBRATION FACTOR OF INITIAL CALIBRATION

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Instrument ID:** ECD_P **Calibration Date(s):** 02/24/2025 02/24/2025

**Calibration Times:** 14:59 22:17

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

**LAB FILE ID:** **CF 1000 =** PP069996.D **CF 750 =** PP069997.D

**CF 500 =** PP069998.D **CF 250 =** PP069999.D **CF 050 =** PP070000.D

| COMPOUND | | CF 1000 | CF 750 | CF 500 | CF 250 | CF 050 | CF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 29885830 | 30191223 | 33586918 | 36186236 | 37142680 | 33398577 | 10 |
| Aroclor-1016-2 | (2) | 42247324 | 42370143 | 46984138 | 50510676 | 50858960 | 46594248 | 9 |
| Aroclor-1016-3 | (3) | 23325129 | 22666977 | 25816242 | 27757500 | 25596220 | 25032414 | 8 |
| Aroclor-1016-4 | (4) | 18421261 | 17991491 | 20585360 | 22152124 | 21203180 | 20070683 | 9 |
| Aroclor-1016-5 | (5) | 23822938 | 23028484 | 26536406 | 28616852 | 27728040 | 25946544 | 9 |
| Aroclor-1260-1 | (1) | 44977992 | 45171227 | 49550340 | 56779968 | 51216800 | 49539265 | 10 |
| Aroclor-1260-2 | (2) | 59688698 | 59926561 | 64720792 | 71640216 | 71124240 | 65420101 | 9 |
| Aroclor-1260-3 | (3) | 52251359 | 51461445 | 57261004 | 62988144 | 77648420 | 60322074 | 18 |
| Aroclor-1260-4 | (4) | 44361395 | 45109507 | 48615116 | 51524344 | 54726600 | 48867392 | 9 |
| Aroclor-1260-5 | (5) | 111484150 | 113477796 | 119592622 | 125243744 | 126075940 | 119174850 | 6 |
| Decachlorobiphenyl | | 984571270 | 1029317907 | 1118262220 | 1135932120 | 1152437600 | 1084104223 | 7 |
| Tetrachloro-m-xylene | | 879784240 | 907640400 | 952717360 | 1058760600 | 981262000 | 956032920 | 7 |
| Aroclor-1242-1 | (1) | 25489035 | 24475017 | 27848416 | 27117444 | 28407820 | 26667546 | 6 |
| Aroclor-1242-2 | (2) | 35977820 | 35199769 | 38539928 | 39076044 | 37212540 | 37201220 | 4 |
| Aroclor-1242-3 | (3) | 19863858 | 18273261 | 20997152 | 20082888 | 19211500 | 19685732 | 5 |
| Aroclor-1242-4 | (4) | 18777771 | 17922656 | 19968364 | 21100536 | 20505160 | 19654897 | 7 |
| Aroclor-1242-5 | (5) | 24360224 | 22407967 | 26366090 | 27368000 | 23855560 | 24871568 | 8 |
| Decachlorobiphenyl | | 899284040 | 984619373 | 1017502000 | 1027377360 | 962336000 | 978223755 | 5 |
| Tetrachloro-m-xylene | | 920809800 | 854904253 | 959106780 | 929536920 | 894966400 | 911864831 | 4 |
| Aroclor-1248-1 | (1) | 19339318 | 20312839 | 22158310 | 22596092 | 21441940 | 21169700 | 6 |
| Aroclor-1248-2 | (2) | 25841628 | 26874321 | 28982946 | 30984640 | 28578600 | 28252427 | 7 |
| Aroclor-1248-3 | (3) | 26866525 | 28025000 | 30088164 | 32810700 | 30987640 | 29755606 | 8 |
| Aroclor-1248-4 | (4) | 31739244 | 33065895 | 35285822 | 36808472 | 38827540 | 35145395 | 8 |
| Aroclor-1248-5 | (5) | 32923317 | 34190145 | 36090288 | 38291344 | 39345240 | 36168067 | 7 |
| Decachlorobiphenyl | | 999826530 | 1002616133 | 1003875200 | 1054961080 | 1165261200 | 1045308029 | 7 |
| Tetrachloro-m-xylene | | 903111320 | 931293867 | 957405100 | 986258320 | 972075400 | 950028801 | 3 |
| Aroclor-1254-1 | (1) | 50279933 | 51640439 | 55752488 | 60013056 | 55160920 | 54569367 | 7 |
| Aroclor-1254-2 | (2) | 44271421 | 45567105 | 49578352 | 53549416 | 50761380 | 48745535 | 8 |
| Aroclor-1254-3 | (3) | 70979950 | 72598121 | 78881282 | 84287020 | 72336540 | 75816583 | 7 |
| Aroclor-1254-4 | (4) | 50771725 | 50149405 | 54249580 | 57298592 | 44830820 | 51460024 | 9 |
| Aroclor-1254-5 | (5) | 64408865 | 66088107 | 72696700 | 75630908 | 59021560 | 67569228 | 10 |
| Decachlorobiphenyl | | 963124600 | 1013018133 | 1145558760 | 1245512000 | 1148271200 | 1103096939 | 10 |
| Tetrachloro-m-xylene | | 957176240 | 952284093 | 991535260 | 1081903280 | 978837400 | 992347255 | 5 |
| Aroclor-1268-1 | (1) | 160284327 | 157759444 | 159569126 | 170516088 | 180615940 | 165748985 | 6 |

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**CALIBRATION FACTOR OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1268-2 | (2) | 139528496 | 137224495 | 137304354 | 146542344 | 164608100 | 145041558 | 8 |
| Aroclor-1268-3 | (3) | 118669811 | 115934707 | 120470364 | 129761704 | 127485360 | 122464389 | 5 |
| Aroclor-1268-4 | (4) | 50956768 | 50155827 | 52914114 | 57814536 | 54084040 | 53185057 | 6 |
| Aroclor-1268-5 | (5) | 345492428 | 353062379 | 344150492 | 366619864 | 366772500 | 355219533 | 3 |
| Decachlorobiphenyl | | 1574839450 | 1670989493 | 1686779340 | 1791292760 | 1882315600 | 1721243329 | 7 |
| Tetrachloro-m-xylene | | 969499550 | 855552893 | 995885280 | 1076293640 | 1034726400 | 986391553 | 8 |

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## INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Instrument ID:** ECD_P **Date(s) Analyzed:** 02/24/2025 02/24/2025

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

| COMPOUND | AMOUNT (ng) | PEAK | RT | RT WINDOW FROM | RT WINDOW TO | CALIBRATION FACTOR |
|---|---|---|---|---|---|---|
| Aroclor-1221 | 500 | 1 | 4.73 | 4.63 | 4.83 | 18915900 |
| | | 2 | 4.81 | 4.71 | 4.91 | 14591600 |
| | | 3 | 4.89 | 4.79 | 4.99 | 43158200 |
| | | 4 | 0.00 | | | 0 |
| | | 5 | 0.00 | | | 0 |
| Aroclor-1232 | 500 | 1 | 4.89 | 4.79 | 4.99 | 32884000 |
| | | 2 | 5.42 | 5.32 | 5.52 | 16260200 |
| | | 3 | 5.70 | 5.60 | 5.80 | 34867200 |
| | | 4 | 5.86 | 5.76 | 5.96 | 17799400 |
| | | 5 | 5.95 | 5.85 | 6.05 | 12607200 |
| Aroclor-1262 | 500 | 1 | 8.11 | 8.01 | 8.21 | 80729000 |
| | | 2 | 8.43 | 8.33 | 8.53 | 161087000 |
| | | 3 | 8.75 | 8.65 | 8.85 | 110612000 |
| | | 4 | 8.84 | 8.74 | 8.94 | 83914000 |
| | | 5 | 9.49 | 9.39 | 9.59 | 58804600 |

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## INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Instrument ID:** ECD_P **Date(s) Analyzed:** 02/24/2025 02/24/2025

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

| COMPOUND | AMOUNT (ng) | PEAK | RT | RT WINDOW FROM | RT WINDOW TO | CALIBRATION FACTOR |
|---|---|---|---|---|---|---|
| Aroclor-1221 | 500 | 1 | 4.04 | 3.94 | 4.14 | 13421200 |
| | | 2 | 4.13 | 4.03 | 4.23 | 10166200 |
| | | 3 | 4.21 | 4.11 | 4.31 | 30359600 |
| | | 4 | 0.00 | | | 0 |
| | | 5 | 0.00 | | | 0 |
| Aroclor-1232 | 500 | 1 | 4.21 | 4.11 | 4.31 | 22742000 |
| | | 2 | 4.94 | 4.84 | 5.04 | 22833200 |
| | | 3 | 5.12 | 5.02 | 5.22 | 12024000 |
| | | 4 | 5.20 | 5.10 | 5.30 | 10865300 |
| | | 5 | 5.37 | 5.27 | 5.47 | 11305400 |
| Aroclor-1262 | 500 | 1 | 6.97 | 6.87 | 7.07 | 83475400 |
| | | 2 | 7.23 | 7.13 | 7.33 | 66291000 |
| | | 3 | 7.75 | 7.65 | 7.85 | 60580400 |
| | | 4 | 7.81 | 7.71 | 7.91 | 105474000 |
| | | 5 | 8.32 | 8.22 | 8.42 | 51930200 |

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 14:59
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:02:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.523 | 3.829 | 143.4E6 | 87978424 | 93.498 | 92.345 |
| 2) SA | Decachlor... | 10.252 | 8.887 | 107.2E6 | 98457127 | 91.951 | 88.045 |
| | Target Compounds | | | | | | |
| 3) L1 | AR-1016-1 | 5.675 | 4.919 | 45557625 | 29885830 | 911.727 | 889.806 |
| 4) L1 | AR-1016-2 | 5.697 | 4.938 | 66706952 | 42247324 | 913.905 | 899.183 |
| 5) L1 | AR-1016-3 | 5.760 | 5.115 | 40794671 | 23325129 | 903.597 | 903.506 |
| 6) L1 | AR-1016-4 | 5.857 | 5.157 | 33978080 | 18421261 | 904.646 | 894.872 |
| 7) L1 | AR-1016-5 | 6.150 | 5.373 | 31514906 | 23822938 | 925.058 | 897.745 |
| 31) L7 | AR-1260-1 | 7.270 | 6.411 | 54823994 | 44977992 | 923.136 | 907.723 |
| 32) L7 | AR-1260-2 | 7.524 | 6.598 | 73383444 | 59688698 | 909.192 | 922.249 |
| 33) L7 | AR-1260-3 | 7.882 | 6.752 | 59489338 | 52251359 | 929.348 | 912.512 |
| 34) L7 | AR-1260-4 | 8.107 | 7.225 | 58704582 | 44361395 | 929.733 | 912.502 |
| 35) L7 | AR-1260-5 | 8.427 | 7.466 | 124.8E6 | 111.5E6 | 925.520 | 932.199 |

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

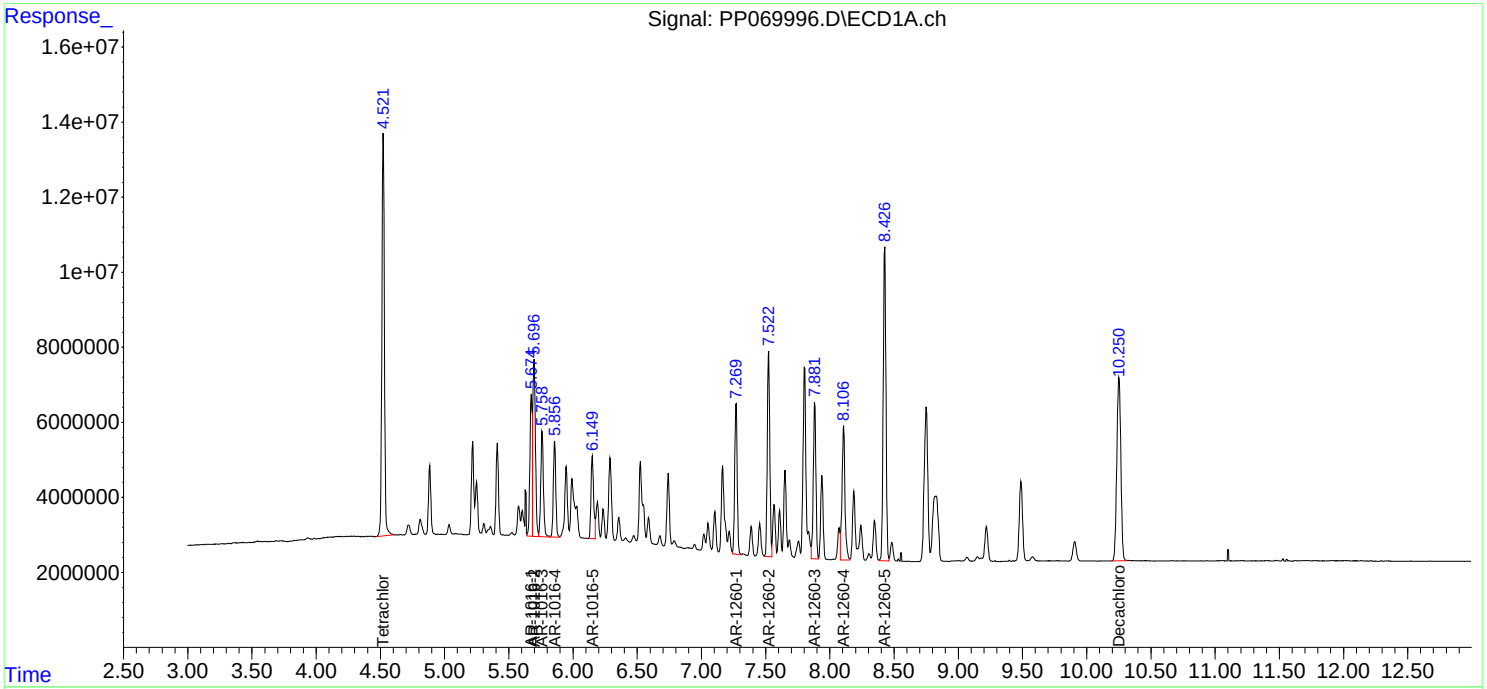
ICAL Form

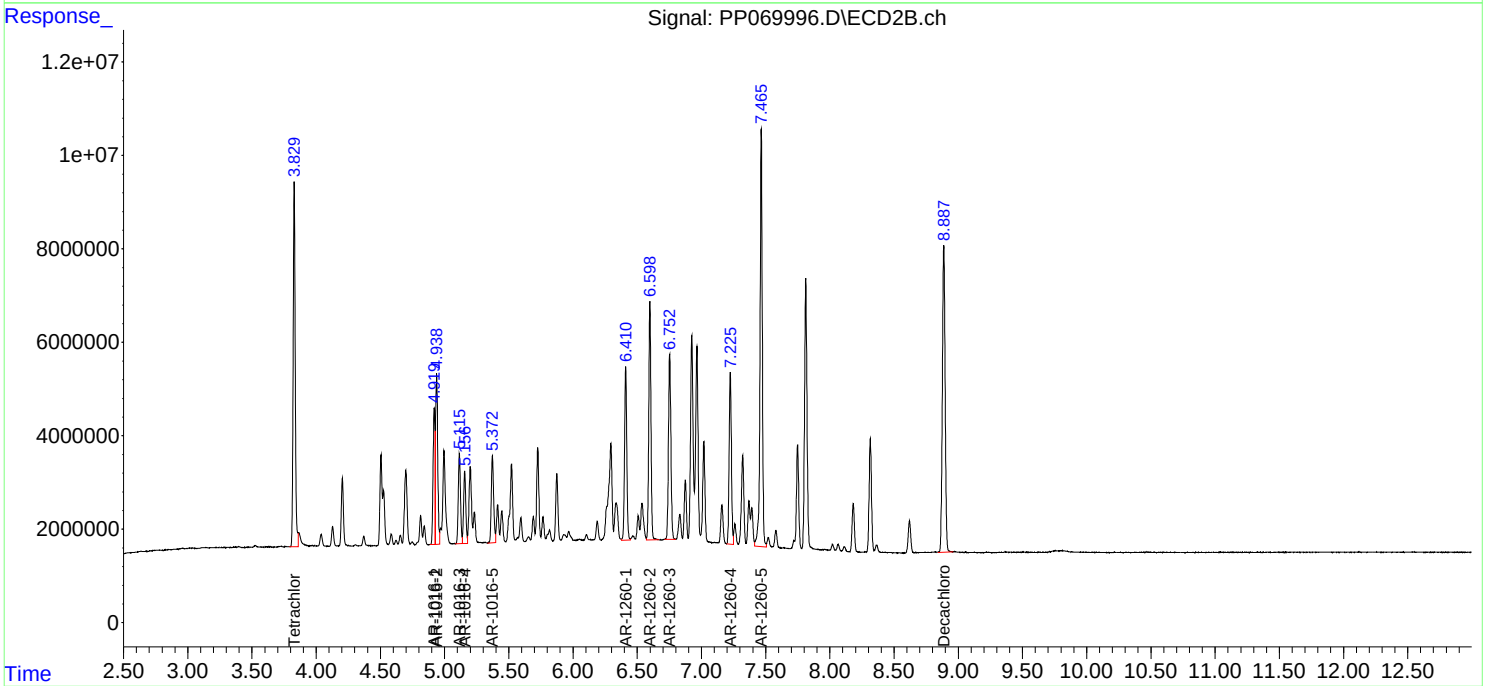
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 14:59
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:02:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 15:15
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:03:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.527 | 3.829 | 107.7E6 | 68073030 | 70.228 | 71.451 |
| 2) | SA Decachlor... | 10.255 | 8.888 | 85472191 | 77198843 | 73.332 | 69.035 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.680 | 4.919 | 35891634 | 22643417 | 718.285 | 674.174 |
| 4) | L1 AR-1016-2 | 5.702 | 4.938 | 50835759 | 31777607 | 696.465 | 676.348 |
| 5) | L1 AR-1016-3 | 5.764 | 5.116 | 33434398 | 17000233 | 740.568 | 658.509 |
| 6) | L1 AR-1016-4 | 5.861 | 5.158 | 26282542 | 13493618 | 699.757 | 655.496 |
| 7) | L1 AR-1016-5 | 6.154 | 5.373 | 23760131 | 17271363 | 697.432 | 650.855 |
| 31) | L7 AR-1260-1 | 7.274 | 6.411 | 41614901 | 33878420 | 700.719 | 683.717 |
| 32) | L7 AR-1260-2 | 7.528 | 6.599 | 56990979 | 44944921 | 706.096 | 694.443 |
| 33) | L7 AR-1260-3 | 7.886 | 6.752 | 45420015 | 38596084 | 709.556 | 674.038 |
| 34) | L7 AR-1260-4 | 8.111 | 7.225 | 44697367 | 33832130 | 707.894 | 695.918 |
| 35) | L7 AR-1260-5 | 8.431 | 7.466 | 96134121 | 85108347 | 713.133 | 711.652 |

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

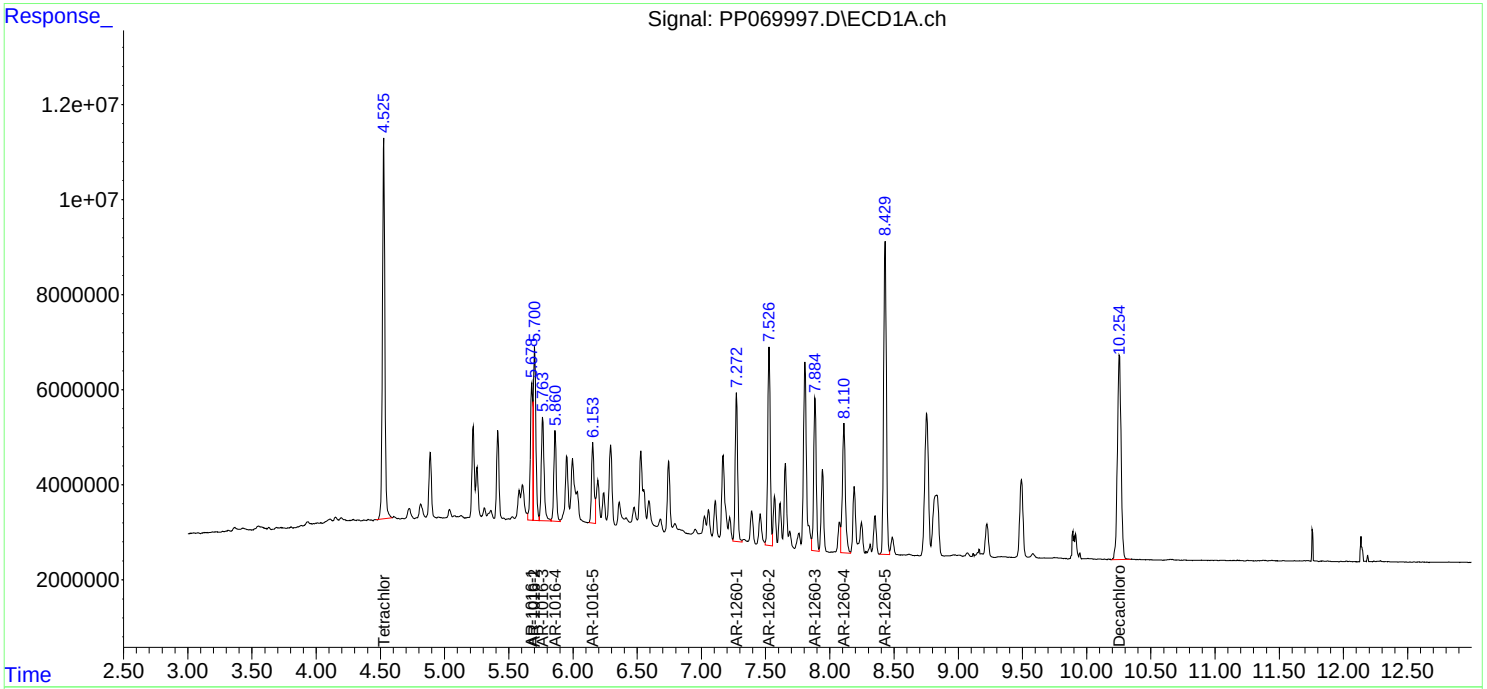
ICAL Form

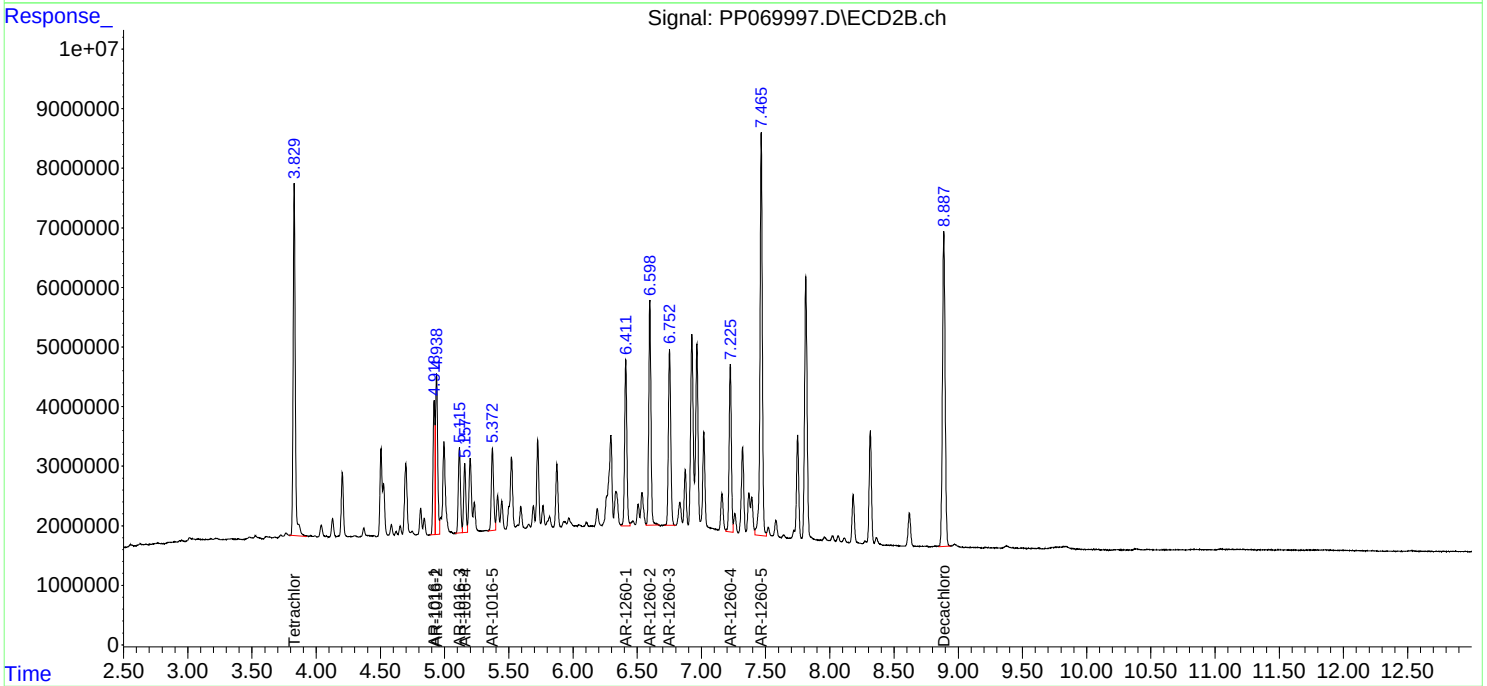
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 15:15
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:03:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 15:32
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:03:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.527 | 3.830 | 76671222 | 47635868 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.256 | 8.888 | 58277783 | 55913111 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.681 | 4.920 | 24984258 | 16793459 | 500.000 | 500.000 |
| 4) | L1 AR-1016-2 | 5.702 | 4.939 | 36495577 | 23492069 | 500.000 | 500.000 |
| 5) | L1 AR-1016-3 | 5.765 | 5.117 | 22573479 | 12908121 | 500.000 | 500.000 |
| 6) | L1 AR-1016-4 | 5.862 | 5.158 | 18779766 | 10292680 | 500.000 | 500.000 |
| 7) | L1 AR-1016-5 | 6.156 | 5.373 | 17034021 | 13268203 | 500.000 | 500.000 |
| 31) | L7 AR-1260-1 | 7.275 | 6.412 | 29694423 | 24775170 | 500.000 | 500.000 |
| 32) | L7 AR-1260-2 | 7.529 | 6.600 | 40356400 | 32360396 | 500.000 | 500.000 |
| 33) | L7 AR-1260-3 | 7.888 | 6.754 | 32005959 | 28630502 | 500.000 | 500.000 |
| 34) | L7 AR-1260-4 | 8.112 | 7.226 | 31570680 | 24307558 | 500.000 | 500.000 |
| 35) | L7 AR-1260-5 | 8.433 | 7.467 | 67402630 | 59796311 | 500.000 | 500.000 |

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

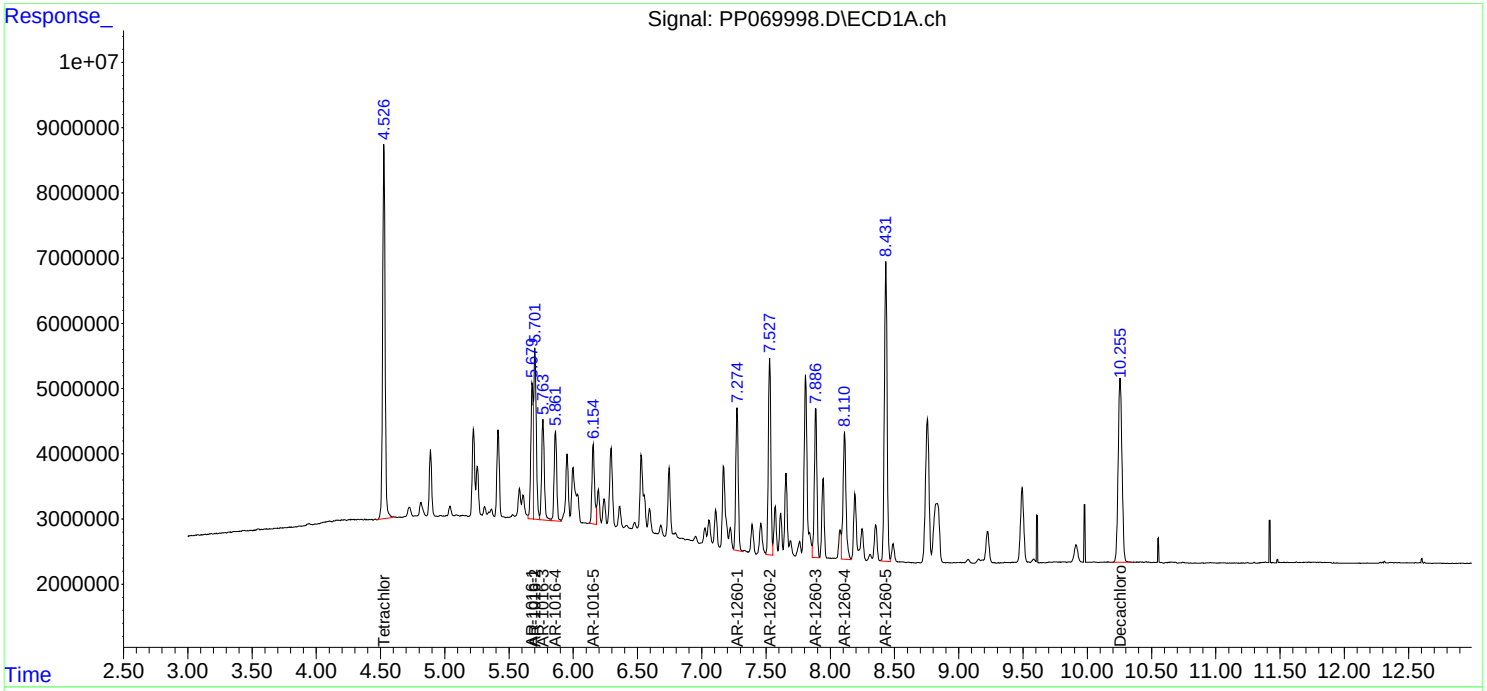
ICAL Form

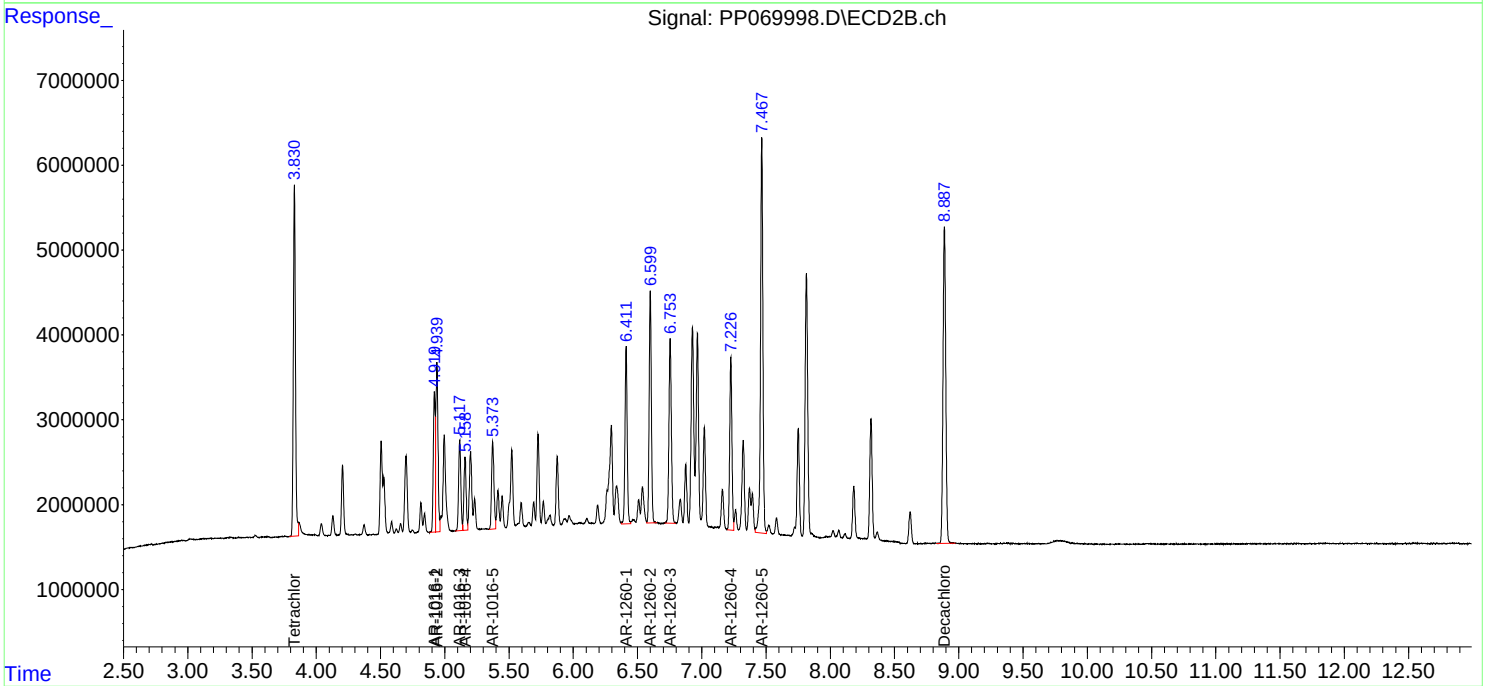
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 15:32
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:03:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 15:48
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:03:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.524 | 3.830 | 39773305 | 26469015 | 25.938 | 27.783 |
| 2) | SA | Decachlor... | 10.253 | 8.889 | 30693088 | 28398303 | 26.333 | 25.395 |
| | Target Compounds | | | | | | | |
| 3) | L1 | AR-1016-1 | 5.677 | 4.921 | 13700052 | 9046559 | 274.174 | 269.348 |
| 4) | L1 | AR-1016-2 | 5.699 | 4.940 | 19160193 | 12627669 | 262.500 | 268.765 |
| 5) | L1 | AR-1016-3 | 5.761 | 5.117 | 11961048 | 6939375 | 264.936 | 268.799 |
| 6) | L1 | AR-1016-4 | 5.858 | 5.159 | 9917150 | 5538031 | 264.038 | 269.028 |
| 7) | L1 | AR-1016-5 | 6.152 | 5.374 | 8841181 | 7154213 | 259.515 | 269.600 |
| 31) | L7 | AR-1260-1 | 7.271 | 6.412 | 15673826 | 14194992 | 263.919 | 286.476 |
| 32) | L7 | AR-1260-2 | 7.525 | 6.600 | 21490279 | 17910054 | 266.256 | 276.728 |
| 33) | L7 | AR-1260-3 | 7.883 | 6.754 | 16948148 | 15747036 | 264.766 | 275.005 |
| 34) | L7 | AR-1260-4 | 8.108 | 7.226 | 16800378 | 12881086 | 266.076 | 264.961 |
| 35) | L7 | AR-1260-5 | 8.429 | 7.467 | 35148103 | 31310936 | 260.732 | 261.813 |

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

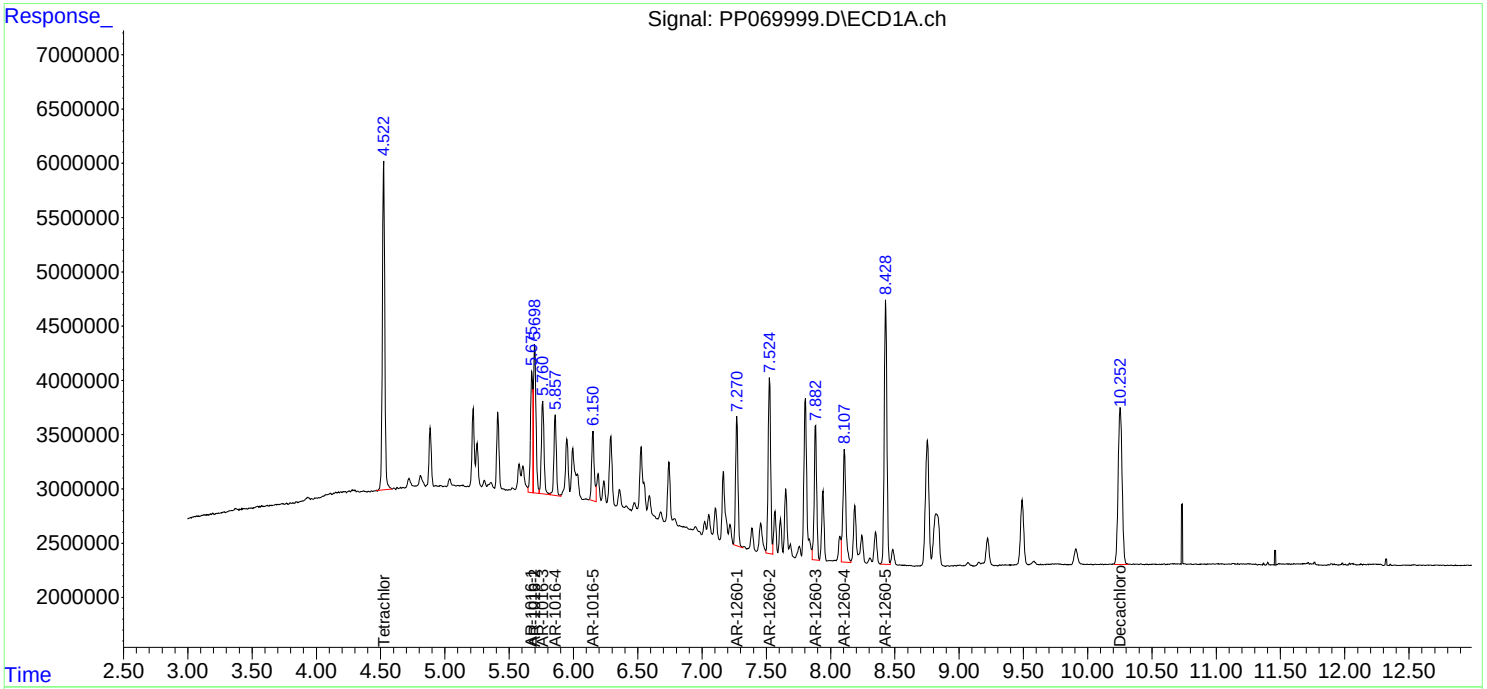
ICAL Form

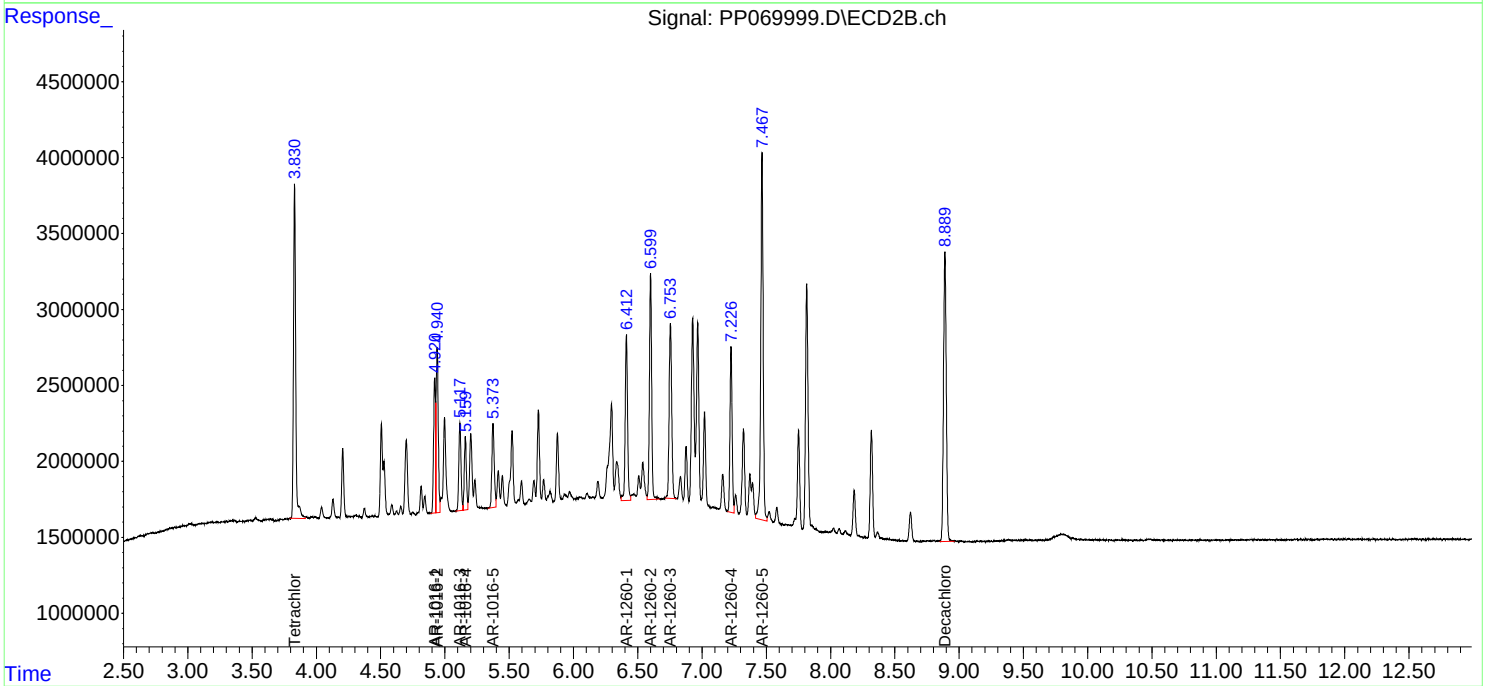
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 15:48
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:03:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:04
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:04:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.527 | 3.829 | 6720872 | 4906310 | 4.383 | 5.150 |
| 2) | SA Decachlor... | 10.255 | 8.888 | 5452577 | 5762188 | 4.678 | 5.153 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.679 | 4.919 | 2547449 | 1857134 | 50.981m | 55.293m |
| 4) | L1 AR-1016-2 | 5.701 | 4.939 | 3488496 | 2542948 | 47.793m | 54.124 |
| 5) | L1 AR-1016-3 | 5.763 | 5.116 | 2062359 | 1279811 | 45.681m | 49.574m |
| 6) | L1 AR-1016-4 | 5.862 | 5.157 | 1752861 | 1060159 | 46.669m | 51.501 |
| 7) | L1 AR-1016-5 | 6.154 | 5.373 | 1753245 | 1386402 | 51.463m | 52.245 |
| 31) | L7 AR-1260-1 | 7.275 | 6.411 | 2970263 | 2560840 | 50.014 | 51.682m |
| 32) | L7 AR-1260-2 | 7.529 | 6.598 | 4629053 | 3556212 | 57.352 | 54.947m |
| 33) | L7 AR-1260-3 | 7.887 | 6.752 | 3097573 | 3882421 | 48.391 | 67.802m# |
| 34) | L7 AR-1260-4 | 8.112 | 7.225 | 3418051 | 2736330 | 54.133 | 56.286 |
| 35) | L7 AR-1260-5 | 8.432 | 7.466 | 6379085 | 6303797 | 47.321 | 52.711 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:04
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

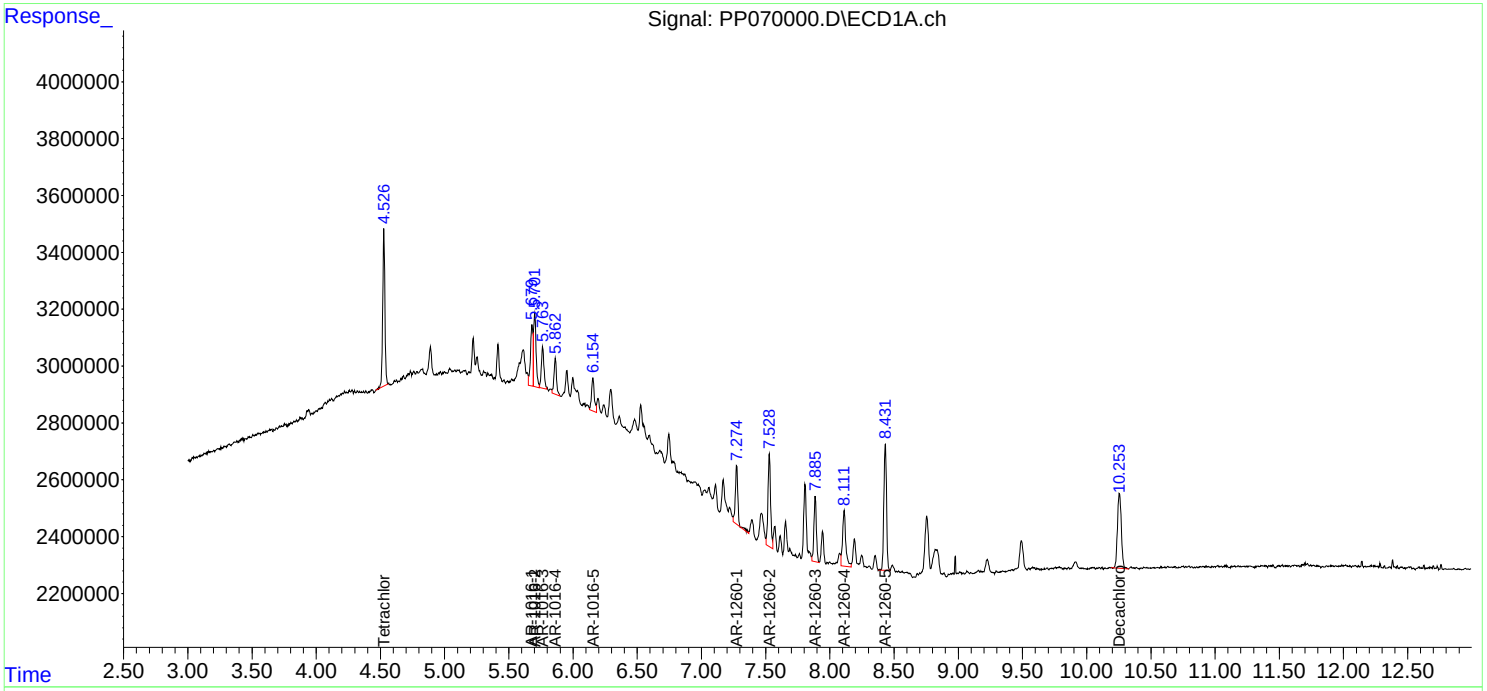
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC050

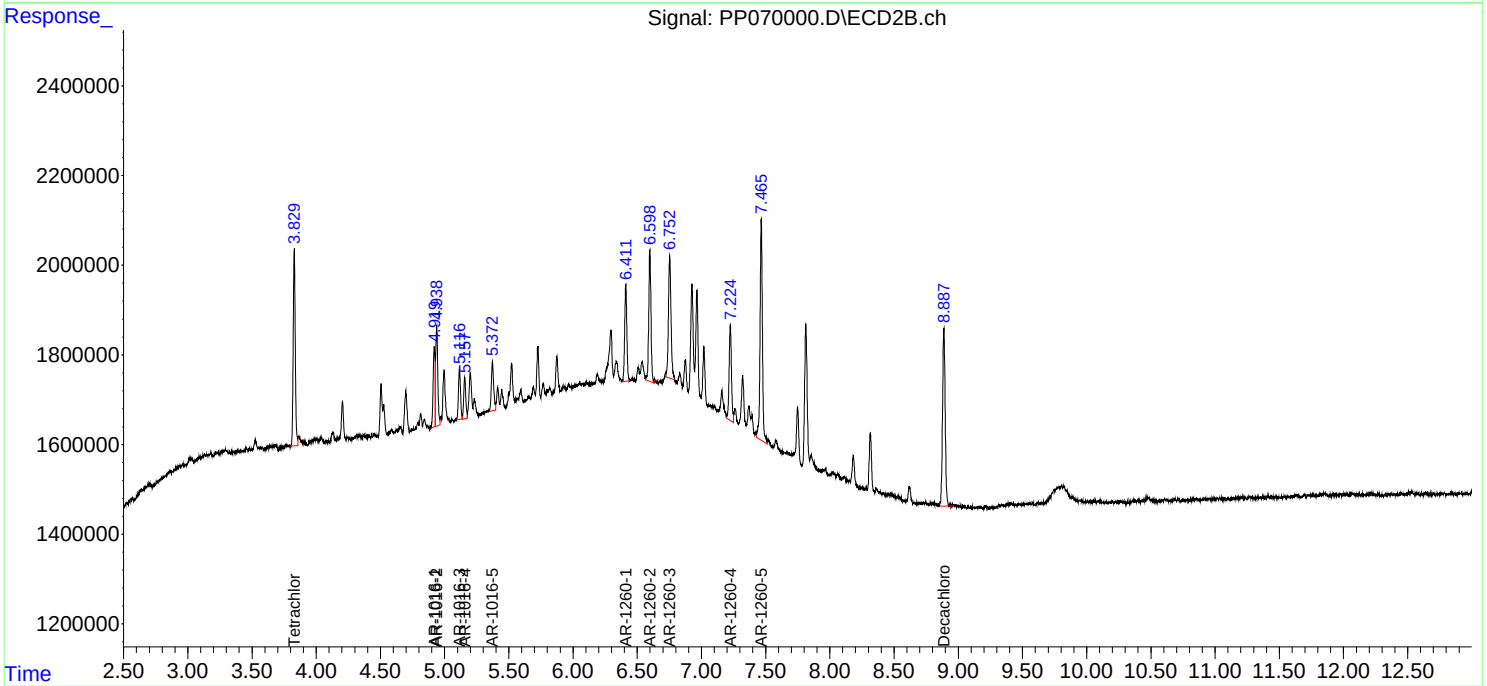
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:04:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:20
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1221ICC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:16:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:15:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.524 | 3.830 | 81453238 | 49492221 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.252 | 8.888 | 58909122 | 52524520 | 49.997m | 50.000 |
| | Target Compounds | | | | | | |
| 8) | L2 AR-1221-1 | 4.725 | 4.042 | 9457952 | 6710580 | 500.000 | 500.000 |
| 9) | L2 AR-1221-2 | 4.811 | 4.128 | 7295806 | 5083087 | 500.000 | 500.000 |
| 10) | L2 AR-1221-3 | 4.887 | 4.205 | 21579125 | 15179779 | 500.000 | 500.000 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:20
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

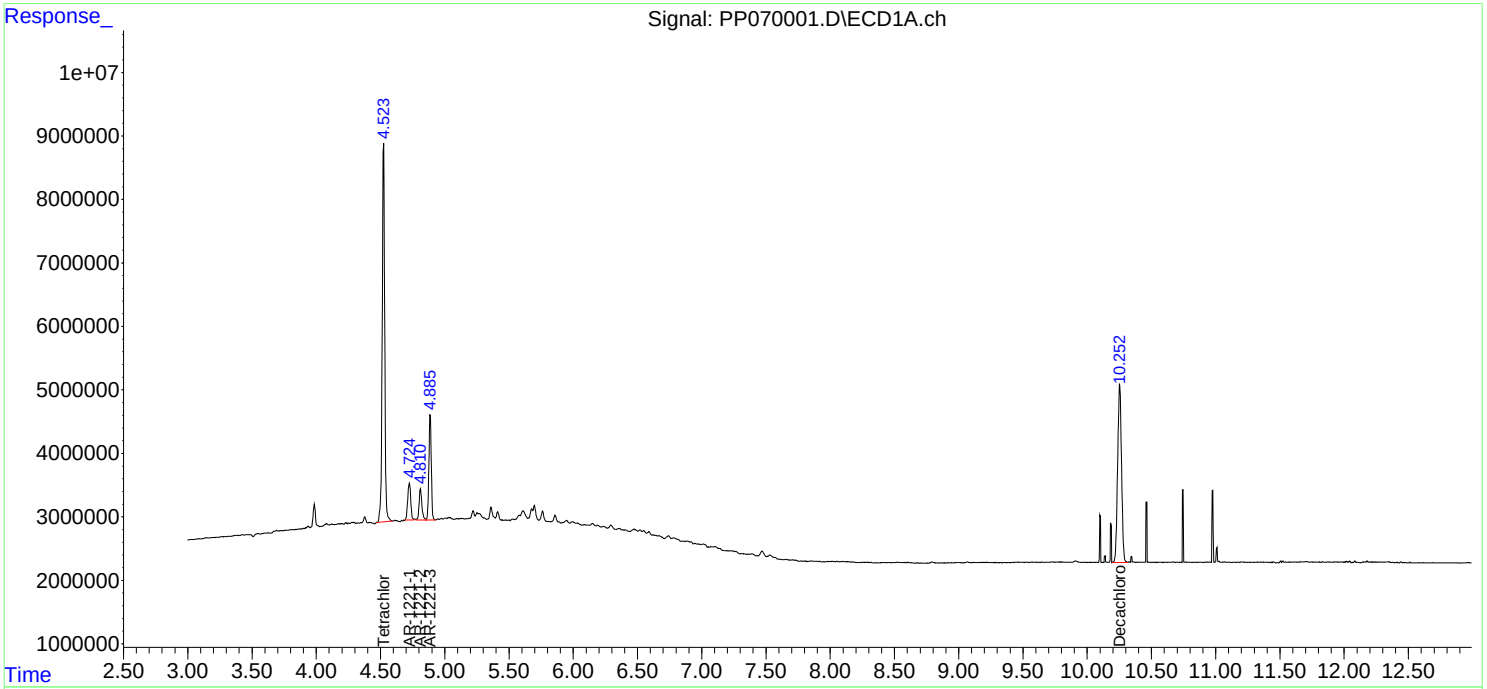
**Instrument :**
ECD_P
**ClientSampleId :**
AR1221ICC500

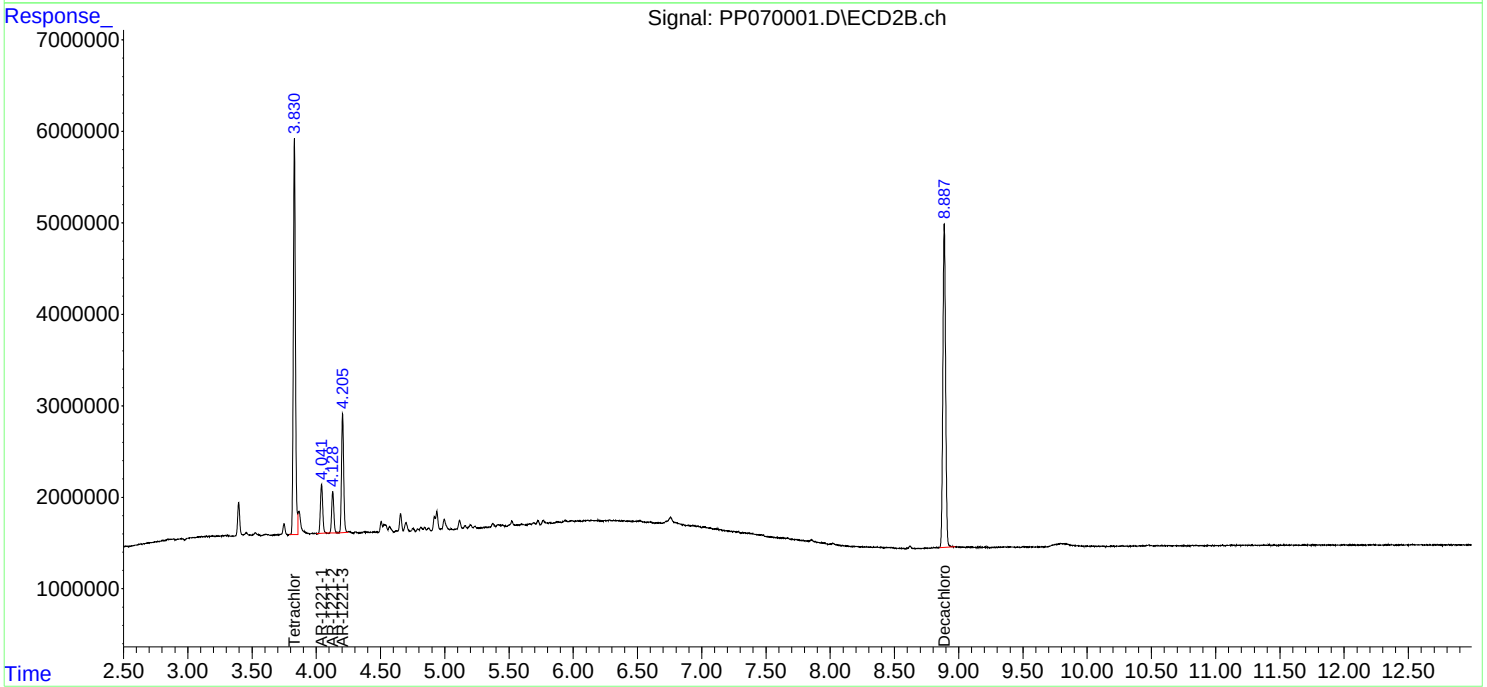
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:16:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:15:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:37
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:18:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:18:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.528 | 3.831 | 74595967 | 45088285 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.257 | 8.889 | 55583669 | 48961388 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 11) | L3 AR-1232-1 | 4.890 | 4.205 | 16441958 | 11371033 | 500.000 | 500.000 |
| 12) | L3 AR-1232-2 | 5.416 | 4.940 | 8130106 | 11416637 | 500.000 | 500.000 |
| 13) | L3 AR-1232-3 | 5.703 | 5.117 | 17433579 | 6011988 | 500.000 | 500.000 |
| 14) | L3 AR-1232-4 | 5.863 | 5.202 | 8899724 | 5432664 | 500.000 | 500.000 |
| 15) | L3 AR-1232-5 | 5.953 | 5.374 | 6303594 | 5652705 | 500.000 | 500.000 |

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

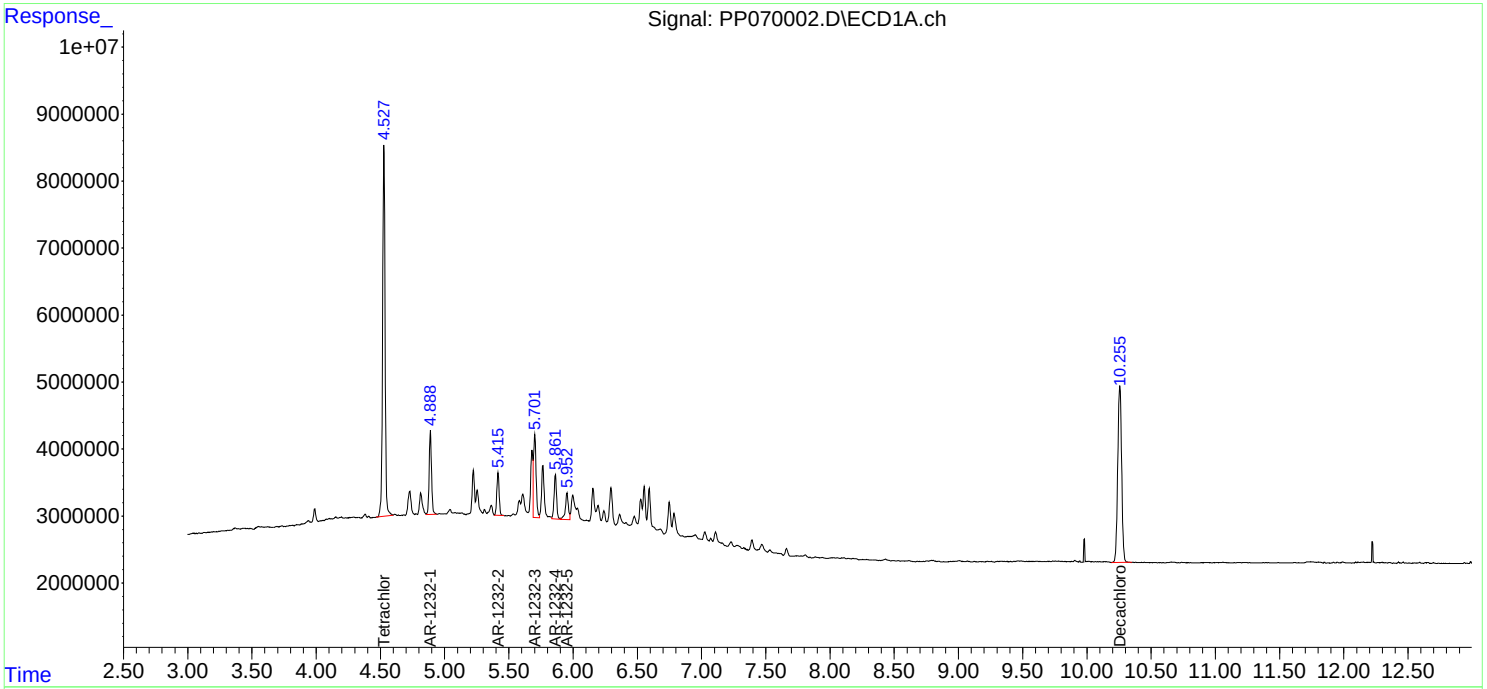
ICAL Form

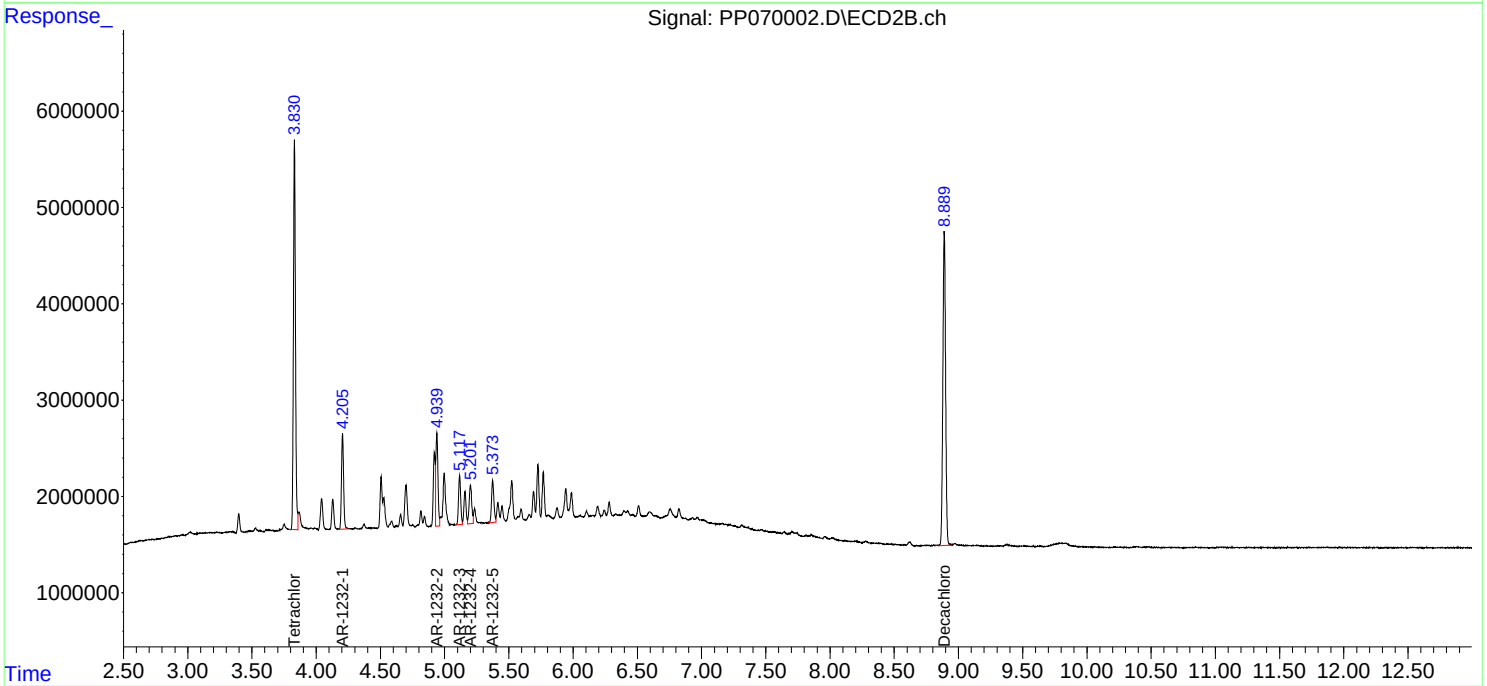
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:37
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:18:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:18:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:53
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:23:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.526 | 3.830 | 139.2E6 | 92080980 | 94.864 | 96.007 |
| 2) | SA Decachlor... | 10.257 | 8.889 | 102.1E6 | 89928404 | 92.852 | 88.382 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.679 | 4.920 | 38359202 | 25489035 | 922.836 | 915.278 |
| 17) | L4 AR-1242-2 | 5.701 | 4.939 | 56757612 | 35977820 | 940.806 | 933.521 |
| 18) | L4 AR-1242-3 | 5.764 | 5.116 | 34692482 | 19863858 | 900.441 | 946.026 |
| 19) | L4 AR-1242-4 | 5.861 | 5.201 | 28738709 | 18777771 | 897.577 | 940.376 |
| 20) | L4 AR-1242-5 | 6.592 | 5.726 | 32588629 | 24360224 | 919.810 | 923.923 |

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

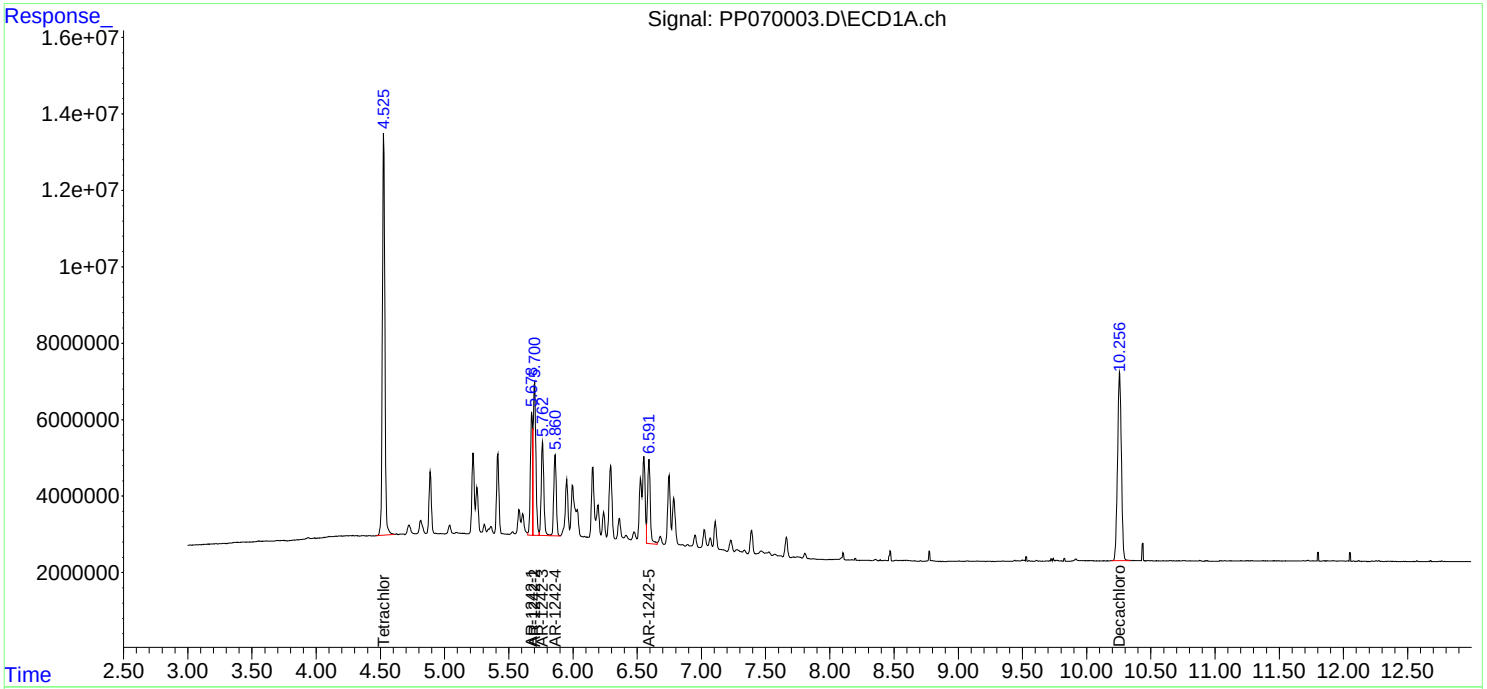
ICAL Form

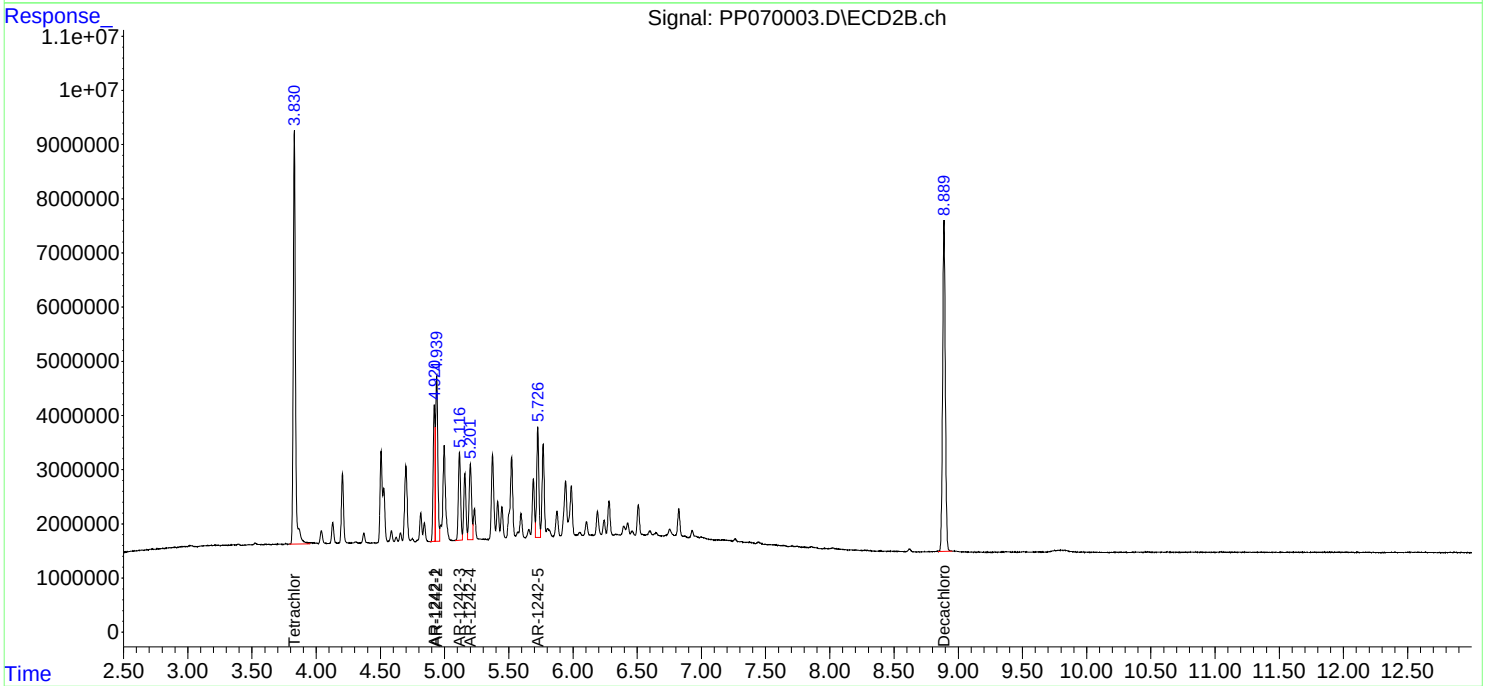
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 16:53
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:23:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 17:09
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC750

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:24:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.524 | 3.829 | 101.3E6 | 64117819 | 69.002 | 66.852 |
| 2) | SA Decachlor... | 10.252 | 8.887 | 78714017 | 73846453 | 71.581 | 72.576 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.676 | 4.919 | 30574617 | 18356263 | 735.556 | 659.149 |
| 17) | L4 AR-1242-2 | 5.698 | 4.938 | 41750215 | 26399827 | 692.045 | 684.999 |
| 18) | L4 AR-1242-3 | 5.761 | 5.115 | 27589494 | 13704946 | 716.084 | 652.705 |
| 19) | L4 AR-1242-4 | 5.858 | 5.200 | 21218872 | 13441992 | 662.715 | 673.164 |
| 20) | L4 AR-1242-5 | 6.587 | 5.725 | 24589114 | 16805975 | 694.025m | 637.409 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 17:09
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

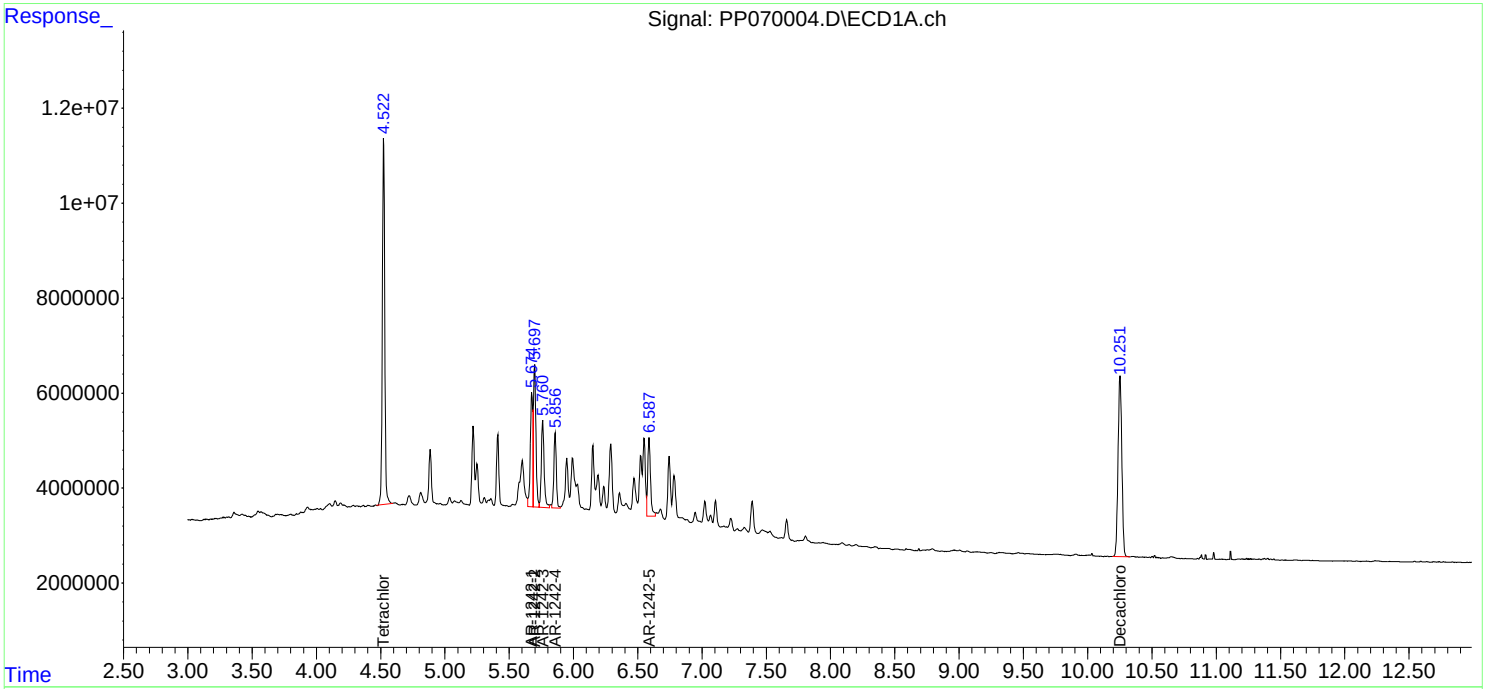
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC750

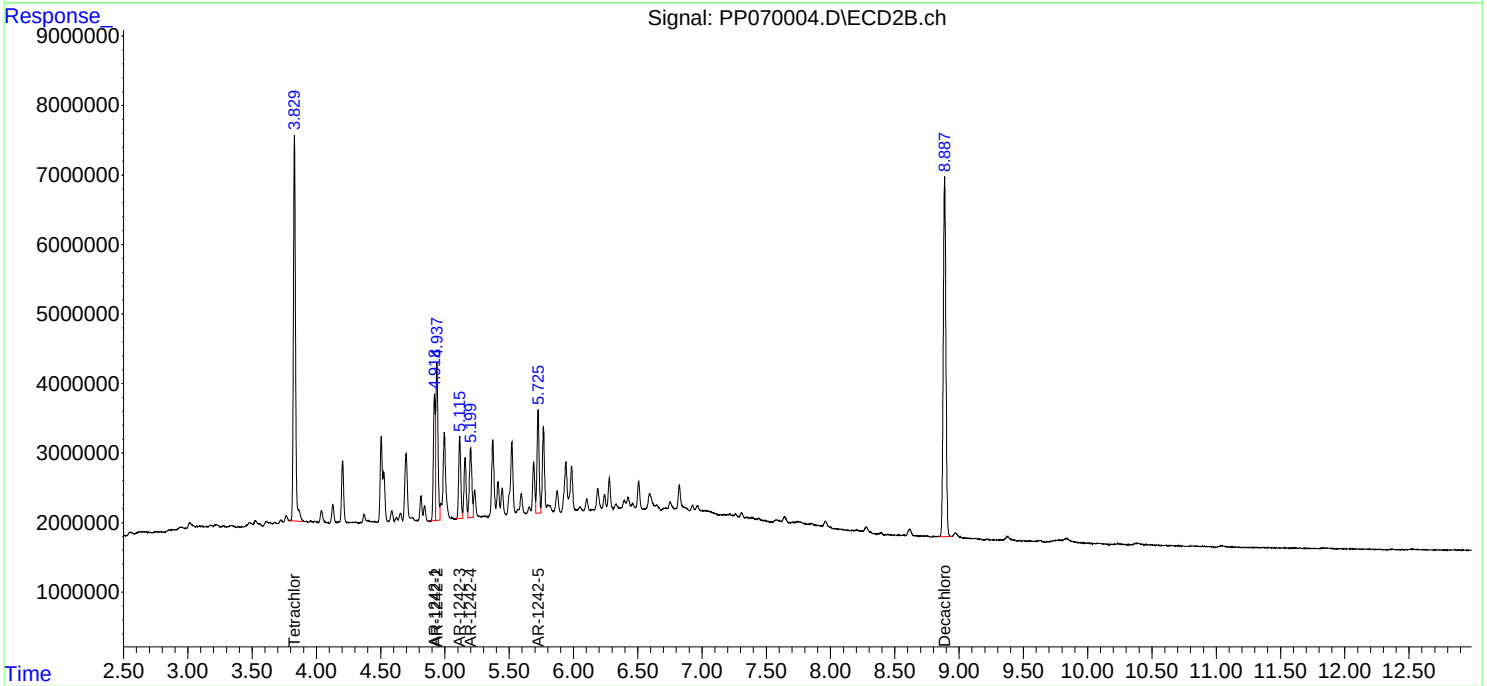
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:24:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 17:25
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:24:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.528 | 3.831 | 73371073 | 47955339 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.257 | 8.889 | 54982444 | 50875100 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.681 | 4.921 | 20783334 | 13924208 | 500.000 | 500.000 |
| 17) | L4 AR-1242-2 | 5.702 | 4.940 | 30164357 | 19269964 | 500.000 | 500.000 |
| 18) | L4 AR-1242-3 | 5.765 | 5.117 | 19264155 | 10498576 | 500.000 | 500.000 |
| 19) | L4 AR-1242-4 | 5.862 | 5.202 | 16009056 | 9984182 | 500.000 | 500.000 |
| 20) | L4 AR-1242-5 | 6.593 | 5.727 | 17714873 | 13183045 | 500.000 | 500.000 |

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

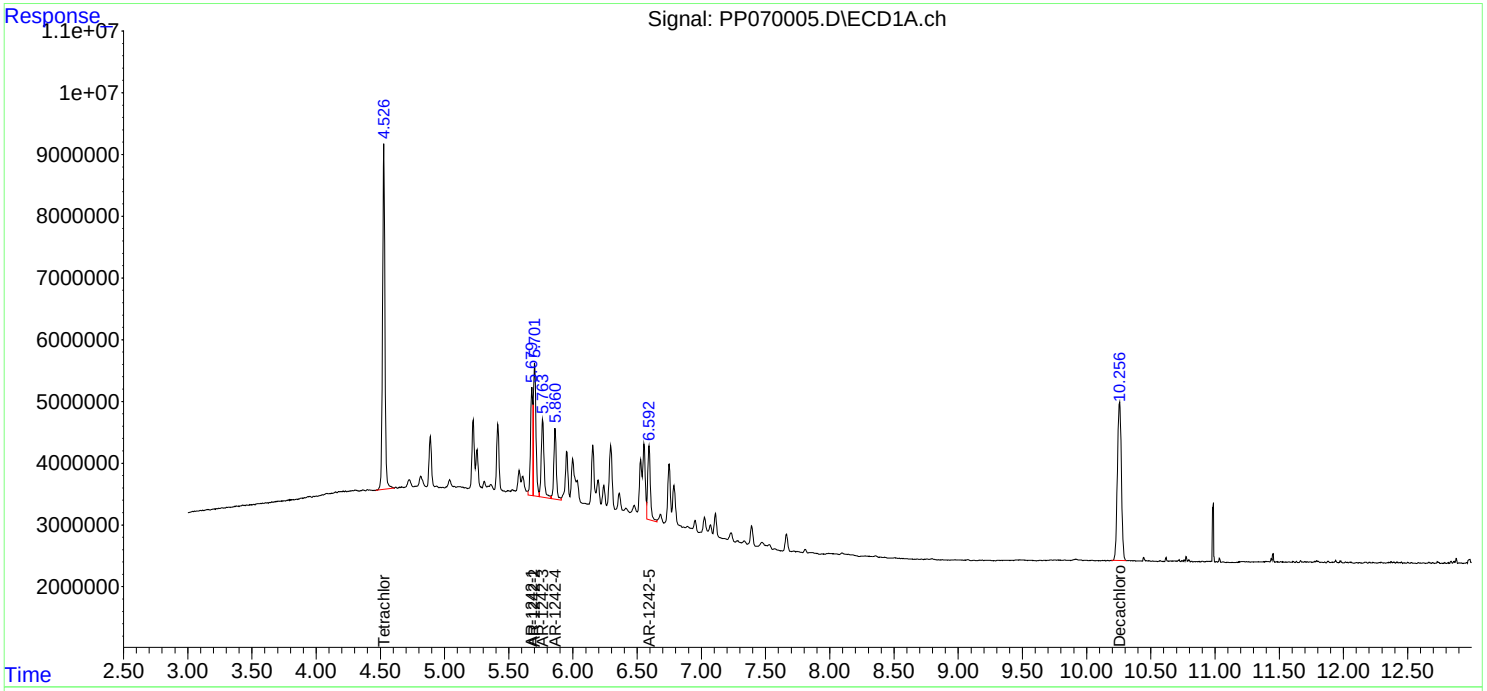
ICAL Form

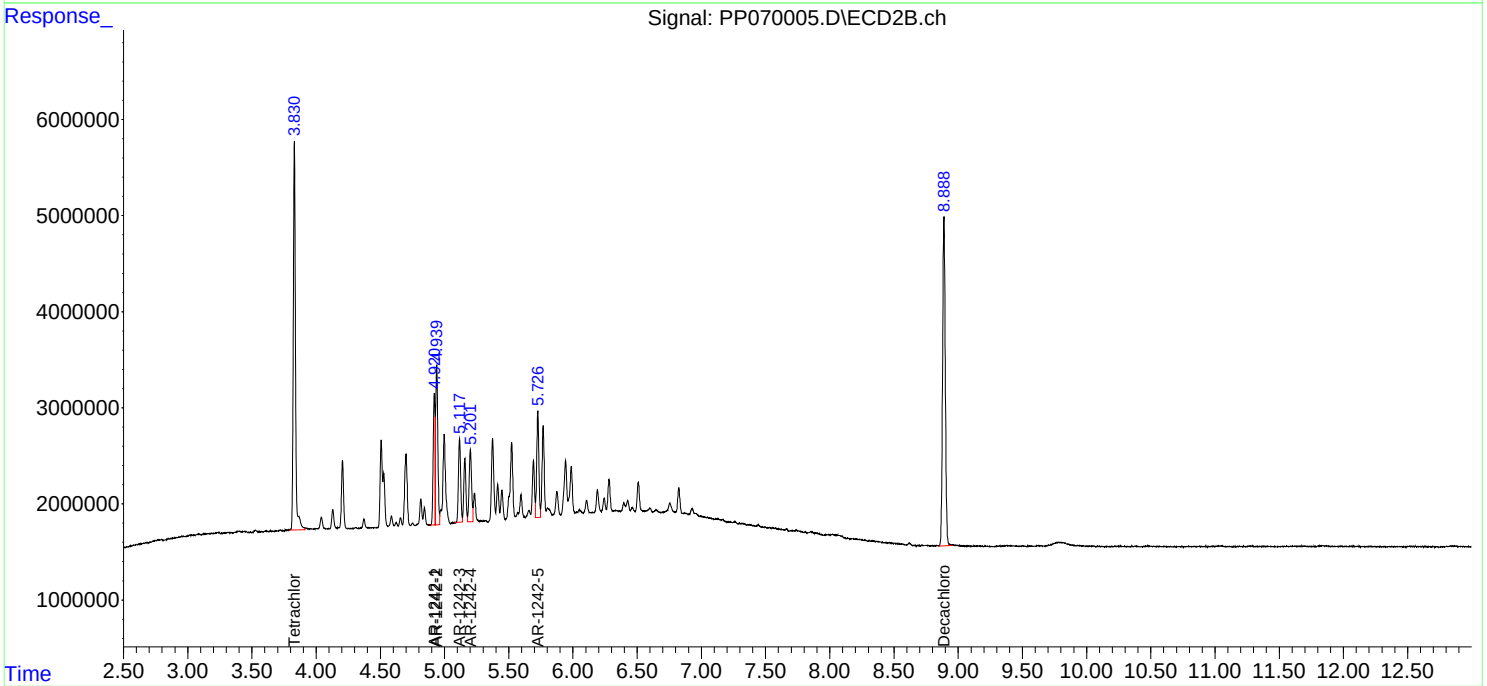
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 17:25
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:24:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 17:42
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC250

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:24:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.525 | 3.829 | 36420158 | 23238423 | 24.819 | 24.229 |
| 2) | SA Decachlor... | 10.254 | 8.888 | 28130617 | 25684434 | 25.581 | 25.243 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.678 | 4.919 | 11990791 | 6779361 | 288.471 | 243.438 |
| 17) | L4 AR-1242-2 | 5.700 | 4.938 | 15666233 | 9769011 | 259.681 | 253.478 |
| 18) | L4 AR-1242-3 | 5.762 | 5.116 | 11634928 | 5020722 | 301.984 | 239.114 |
| 19) | L4 AR-1242-4 | 5.859 | 5.200 | 8093244 | 5275134 | 252.771 | 264.175 |
| 20) | L4 AR-1242-5 | 6.589 | 5.726 | 9813802 | 6842000 | 276.993m | 259.500 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 17:42
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

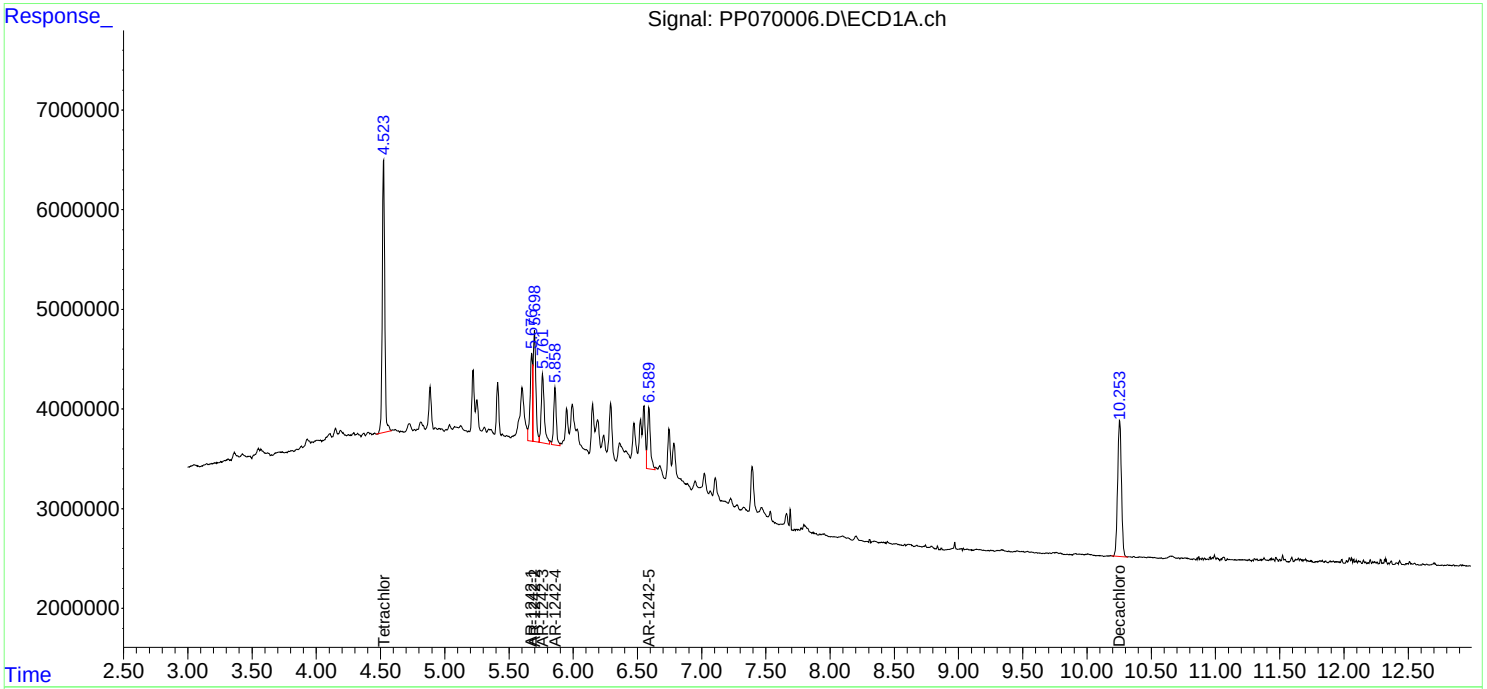
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC250

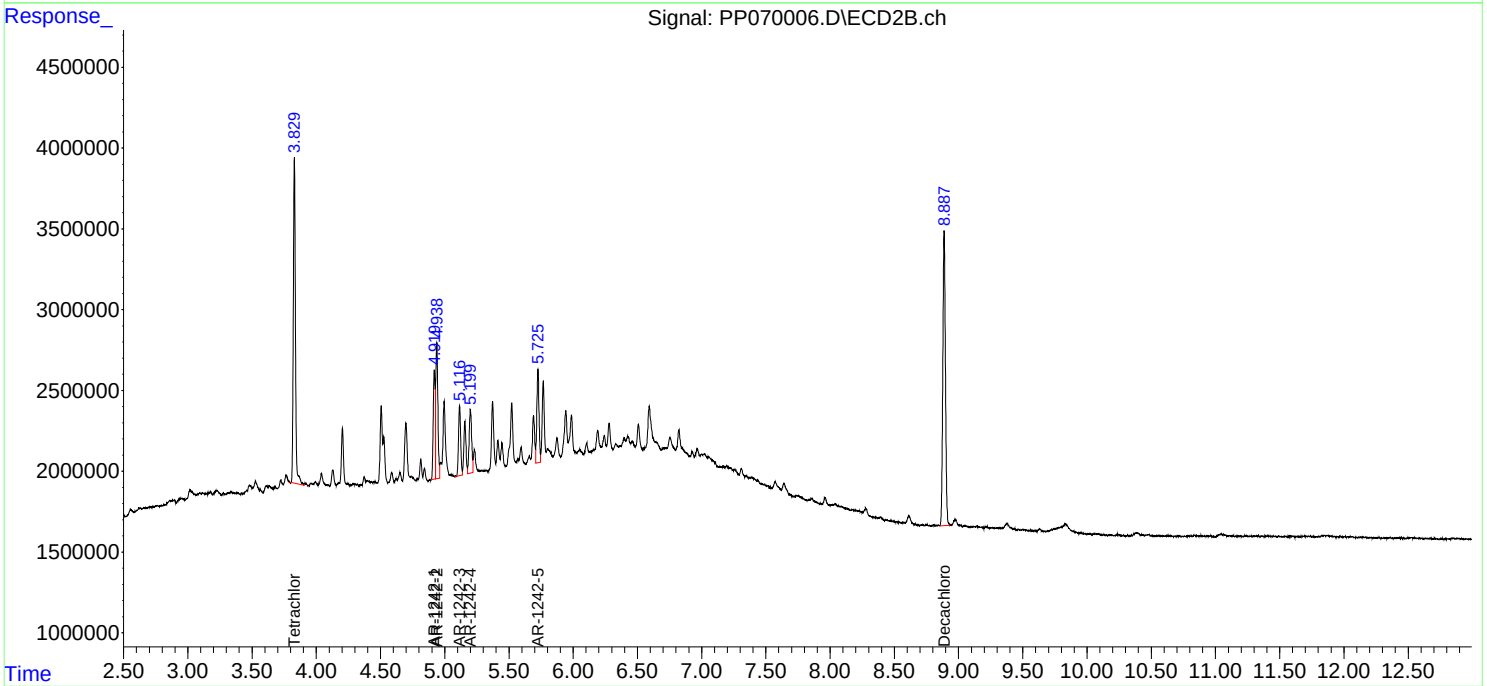
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:24:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 17:58
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:25:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.527 | 3.830 | 6212998 | 4474832 | 4.234 | 4.666 |
| 2) | SA Decachlor... | 10.256 | 8.887 | 4895884 | 4811680 | 4.452 | 4.729 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.677 | 4.920 | 2181038 | 1420391 | 52.471m | 51.004 |
| 17) | L4 AR-1242-2 | 5.699 | 4.939 | 2614722 | 1860627 | 43.341m | 48.278 |
| 18) | L4 AR-1242-3 | 5.763 | 5.117 | 1654007 | 960575 | 42.930m | 45.748 |
| 19) | L4 AR-1242-4 | 5.859 | 5.201 | 1382614 | 1025258 | 43.182m | 51.344 |
| 20) | L4 AR-1242-5 | 6.591 | 5.726 | 1805860 | 1192778 | 50.970m | 45.239 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 17:58
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

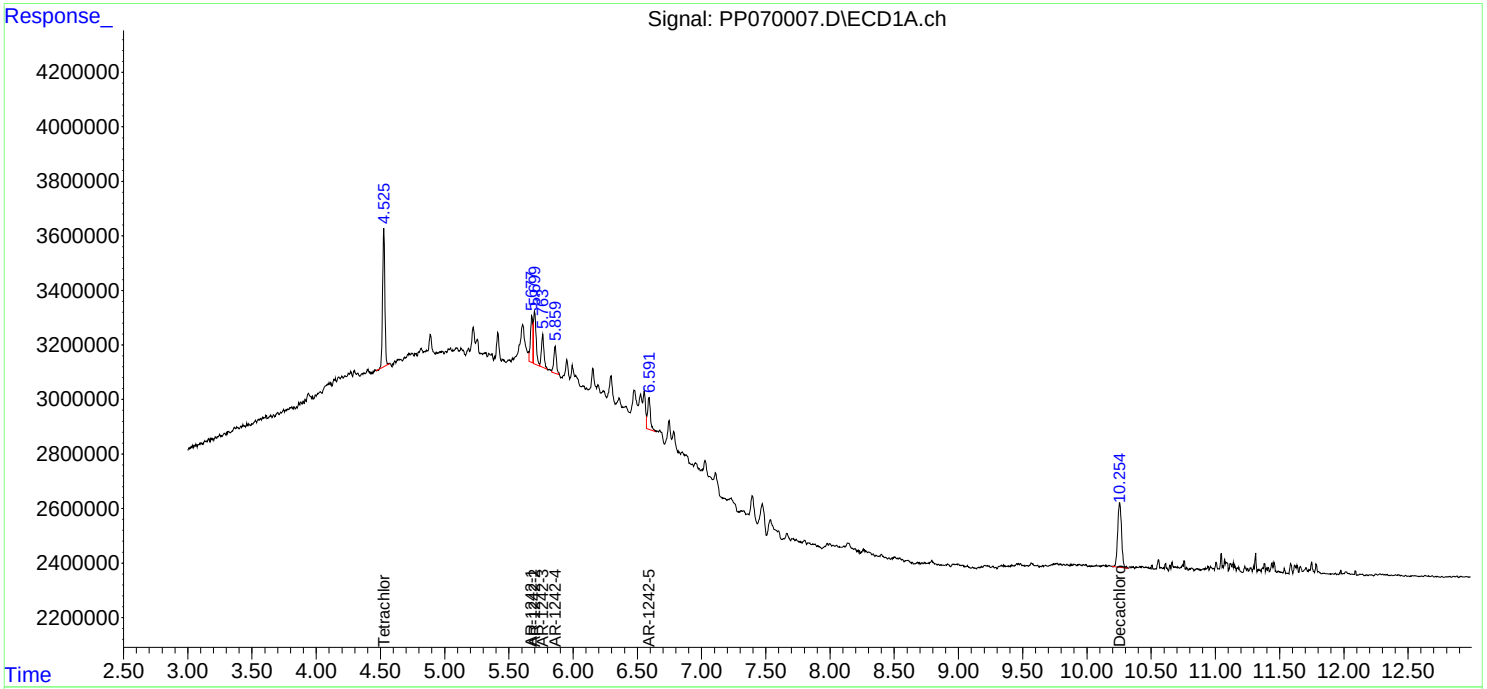
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC050

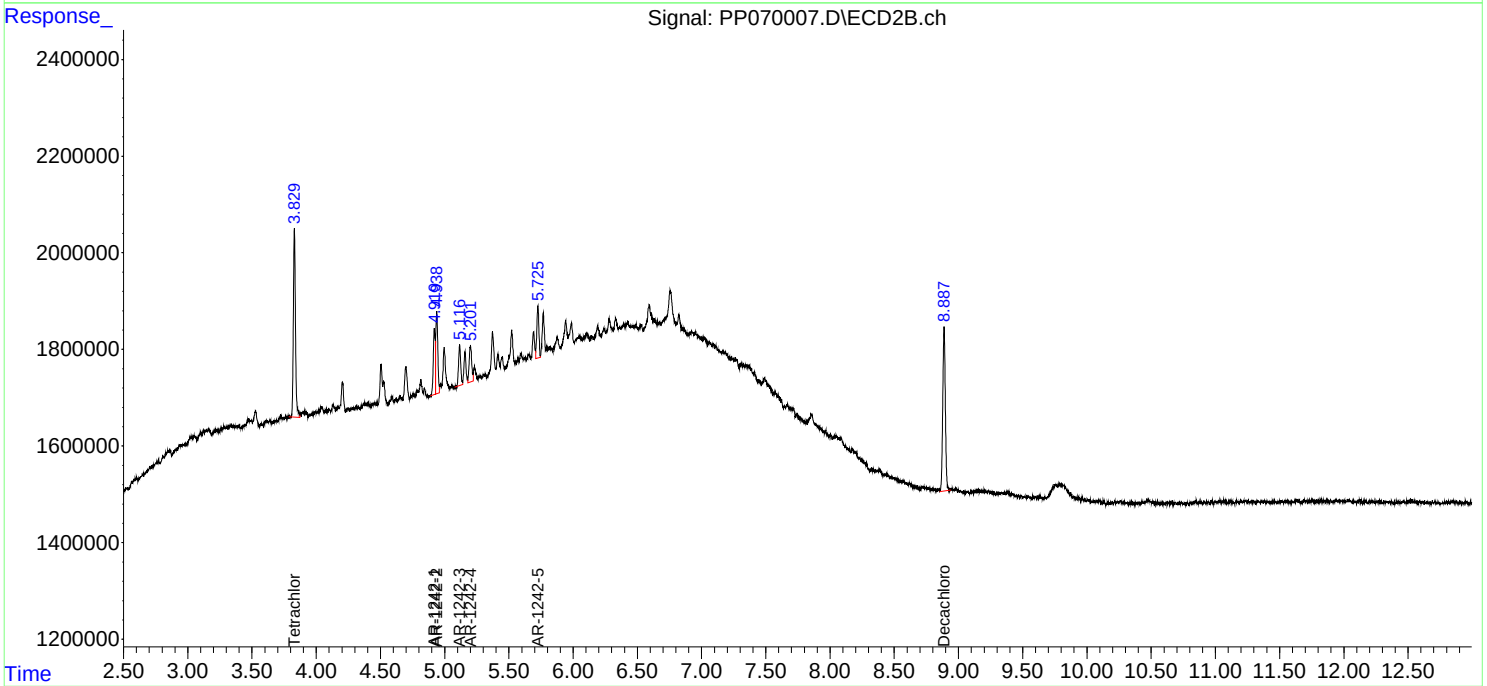
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:25:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 18:14
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:36:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:36:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.527 | 3.830 | 139.3E6 | 90311132 | 94.016 | 94.329 |
| 2) | SA Decachlor... | 10.255 | 8.888 | 104.5E6 | 99982653 | 93.281 | 99.597 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.680 | 4.920 | 29585124 | 19339318 | 908.660 | 872.779 |
| 22) | L5 AR-1248-2 | 5.952 | 5.159 | 39473771 | 25841628 | 920.901 | 891.615 |
| 23) | L5 AR-1248-3 | 6.154 | 5.201 | 43926772 | 26866525 | 935.645 | 892.927 |
| 24) | L5 AR-1248-4 | 6.553 | 5.374 | 53918087 | 31739244 | 919.468 | 899.490 |
| 25) | L5 AR-1248-5 | 6.592 | 5.768 | 51833391 | 32923317 | 911.039 | 912.249 |

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

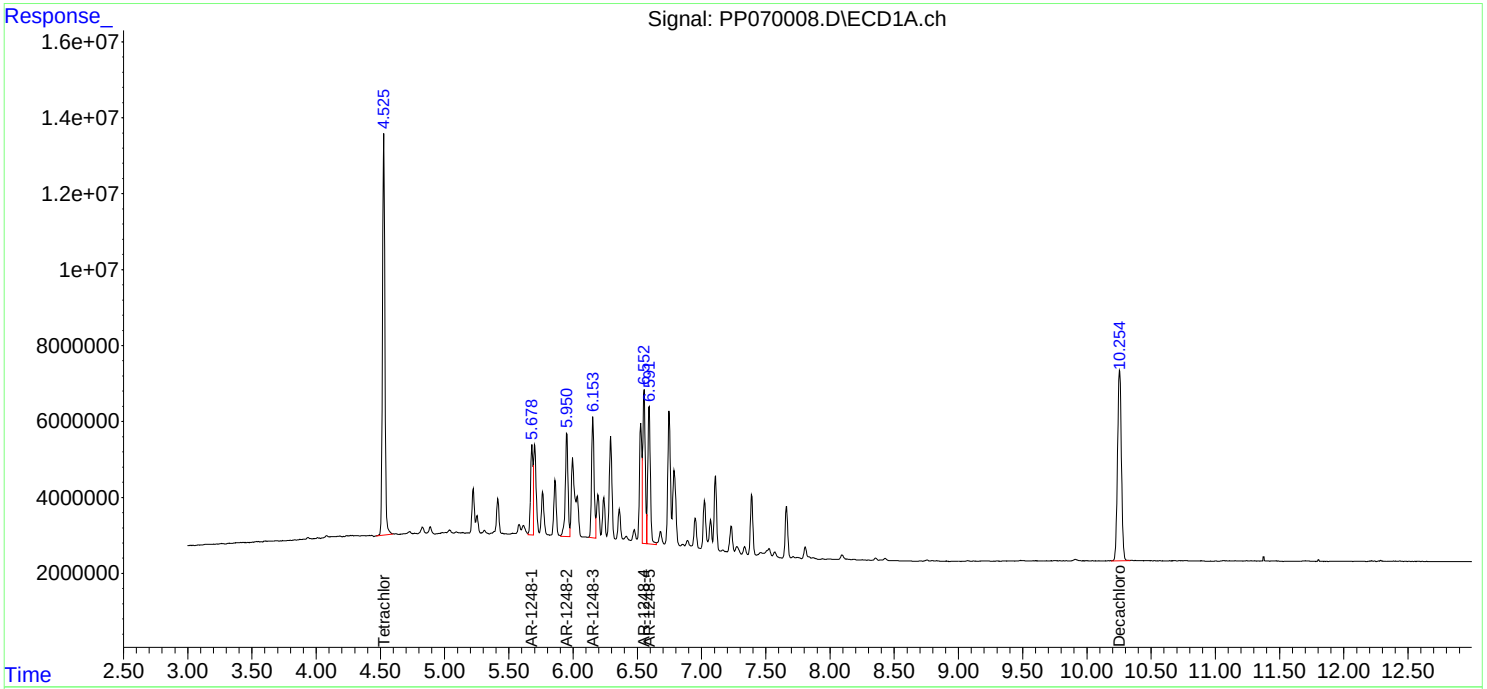
ICAL Form

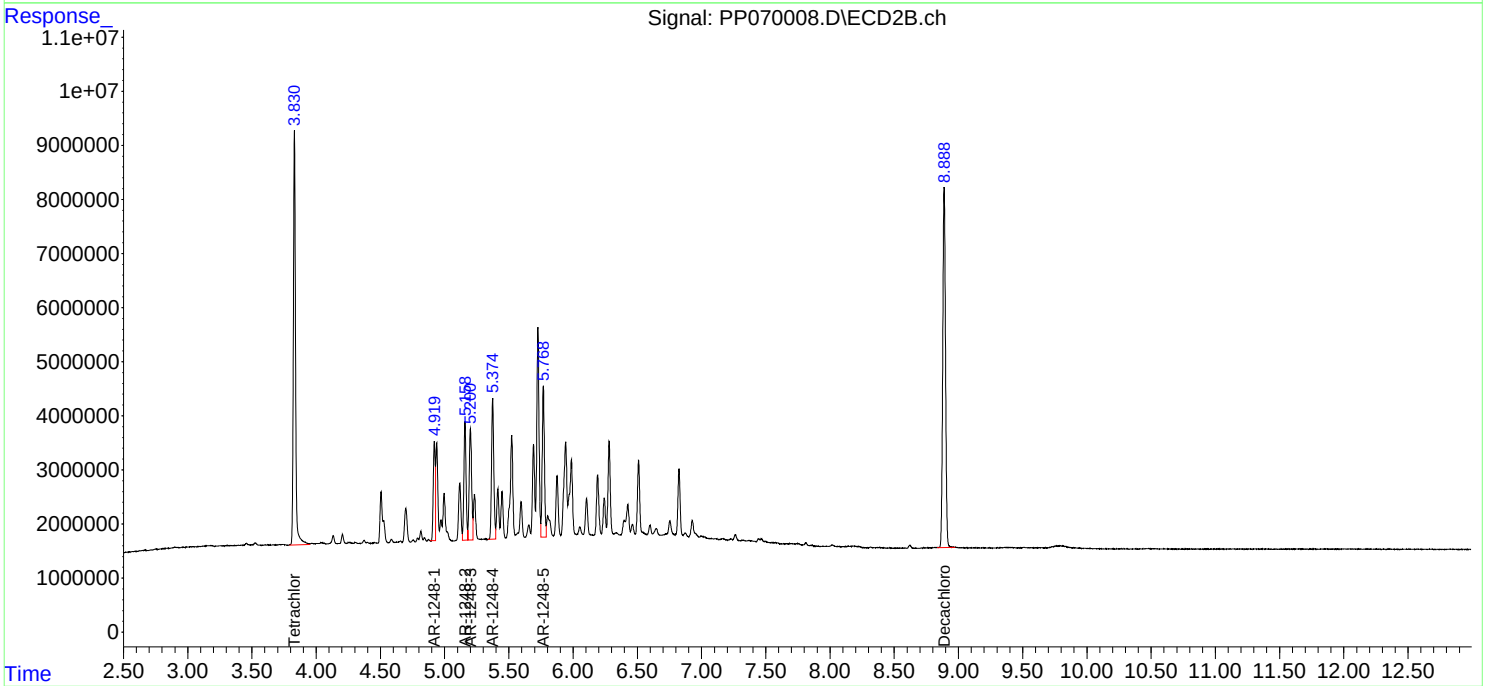
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 18:14
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:36:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:36:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 18:30
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:37:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:36:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.528 | 3.830 | 107.0E6 | 69847040 | 72.182 | 72.955 |
| 2) | SA Decachlor... | 10.257 | 8.888 | 80087667 | 75196210 | 71.508 | 74.906 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.680 | 4.920 | 23574976 | 15234629 | 724.068 | 687.536 |
| 22) | L5 AR-1248-2 | 5.953 | 5.158 | 31510312 | 20155741 | 735.118 | 695.435 |
| 23) | L5 AR-1248-3 | 6.156 | 5.201 | 33128178 | 21018750 | 705.634 | 698.572 |
| 24) | L5 AR-1248-4 | 6.555 | 5.373 | 41741933 | 24799421 | 711.828 | 702.815 |
| 25) | L5 AR-1248-5 | 6.594 | 5.768 | 39689513 | 25642609 | 697.595 | 710.513 |

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

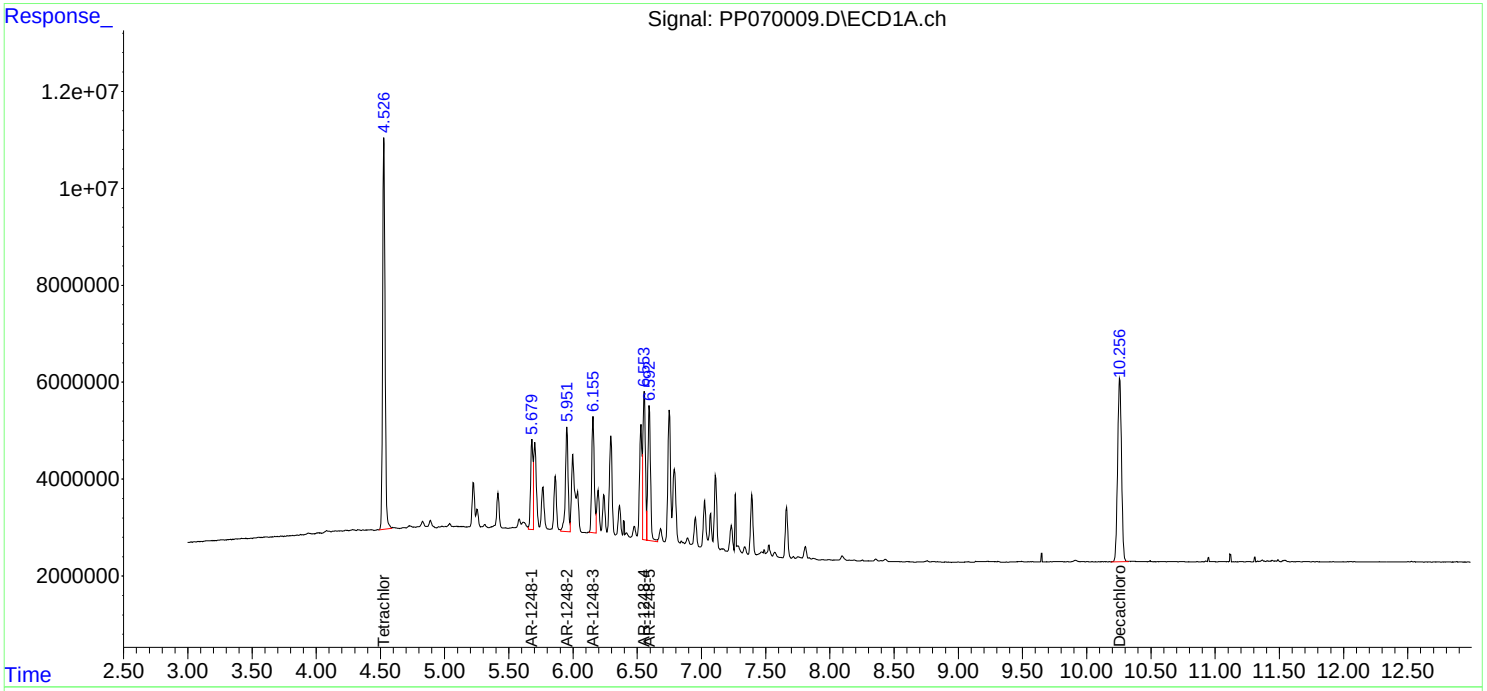
ICAL Form

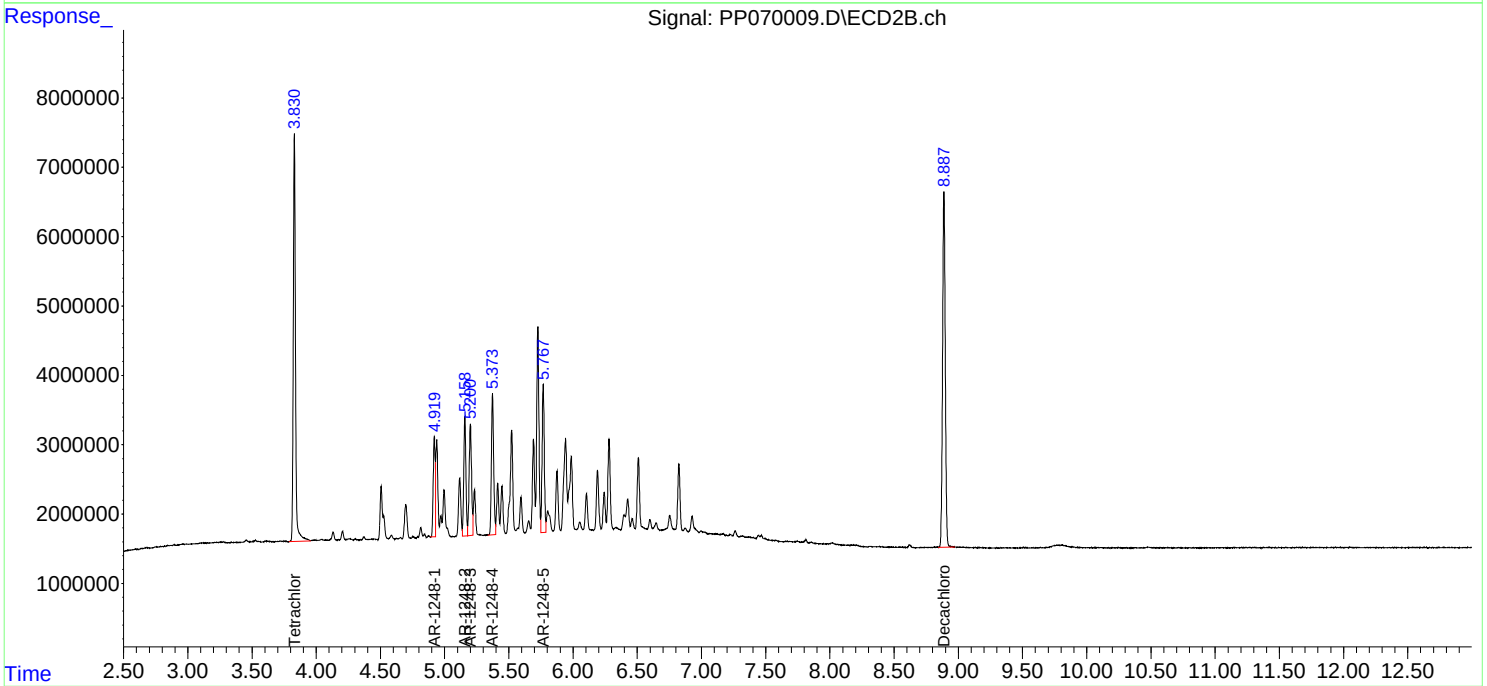
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 18:30
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:37:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:36:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 18:46
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:37:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:36:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.525 | 3.830 | 74097252 | 47870255 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.255 | 8.889 | 55999113 | 50193760 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.678 | 4.920 | 16279538 | 11079155 | 500.000 | 500.000 |
| 22) | L5 AR-1248-2 | 5.950 | 5.158 | 21432138 | 14491473 | 500.000 | 500.000 |
| 23) | L5 AR-1248-3 | 6.153 | 5.201 | 23474053 | 15044082 | 500.000 | 500.000 |
| 24) | L5 AR-1248-4 | 6.552 | 5.373 | 29320253 | 17642911 | 500.000 | 500.000 |
| 25) | L5 AR-1248-5 | 6.591 | 5.768 | 28447402 | 18045144 | 500.000 | 500.000 |

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

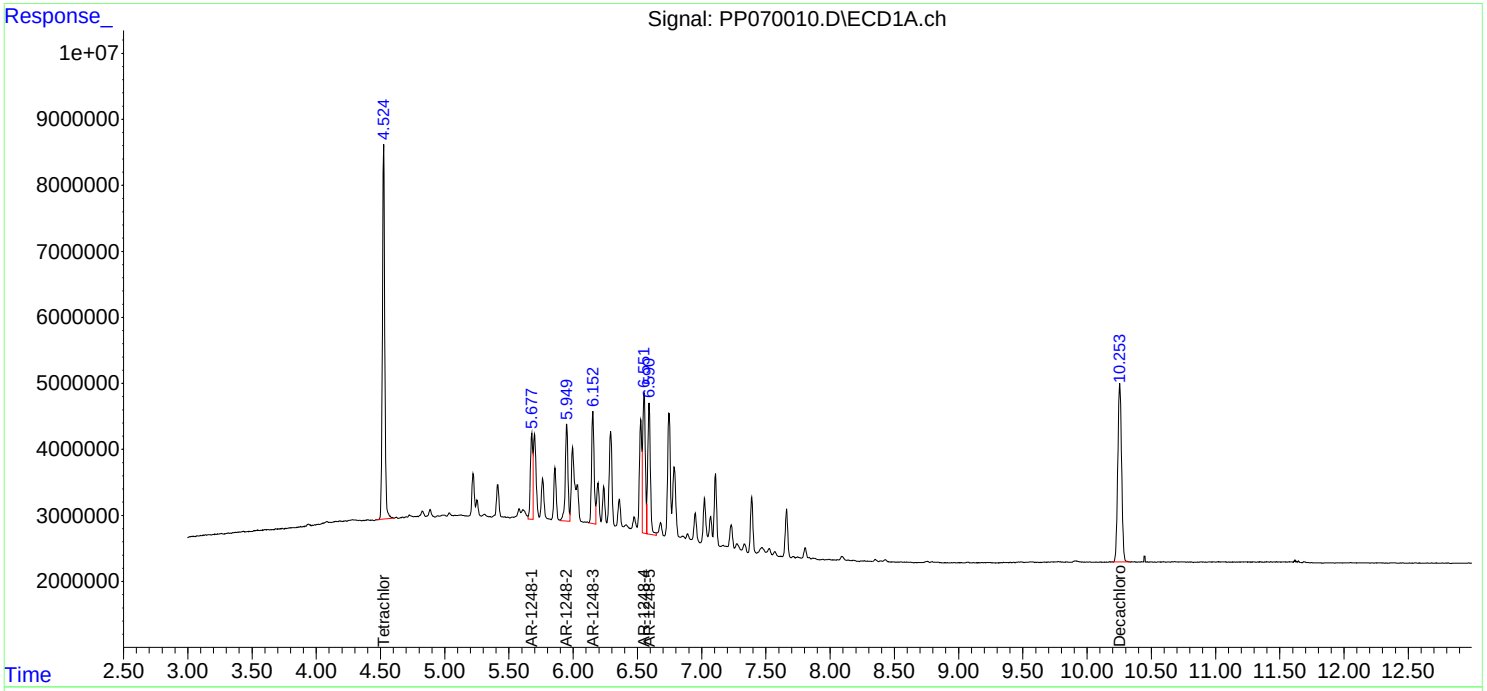
ICAL Form

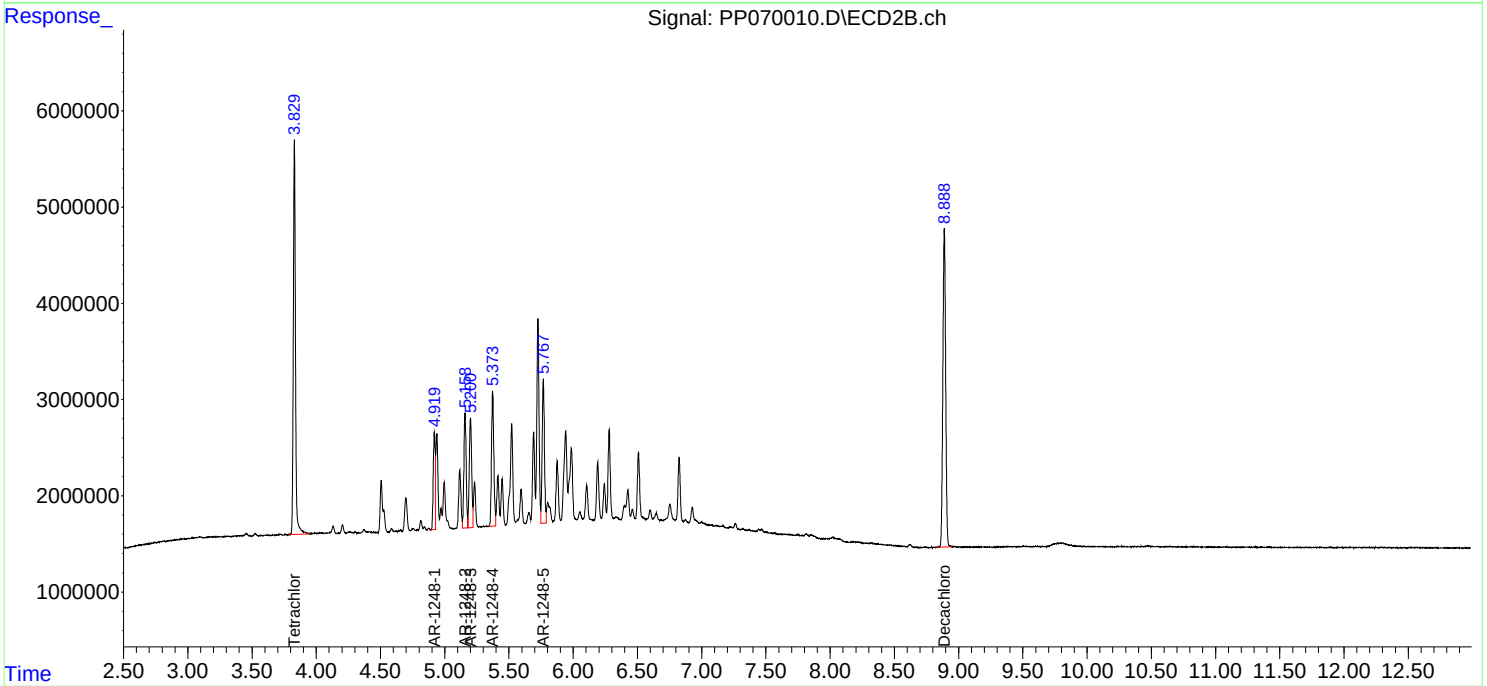
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 18:46
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:37:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:36:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 19:03
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 03:54:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 03:54:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.527 | 3.830 | 38195955 | 24656458 | 27.360 | 25.558 |
| 2) | SA Decachlor... | 10.256 | 8.888 | 29657279 | 26374027 | 27.566 | 24.318 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.679 | 4.919 | 9076374 | 5649023 | 274.099 | 259.128 |
| 22) | L5 AR-1248-2 | 5.952 | 5.158 | 11739728 | 7746160 | 285.240 | 269.144 |
| 23) | L5 AR-1248-3 | 6.154 | 5.200 | 12501018 | 8202675 | 284.893 | 268.606 |
| 24) | L5 AR-1248-4 | 6.553 | 5.373 | 16576083 | 9202118 | 278.734 | 248.325 |
| 25) | L5 AR-1248-5 | 6.592 | 5.767 | 16890807 | 9572836 | 297.336 | 253.802 |

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

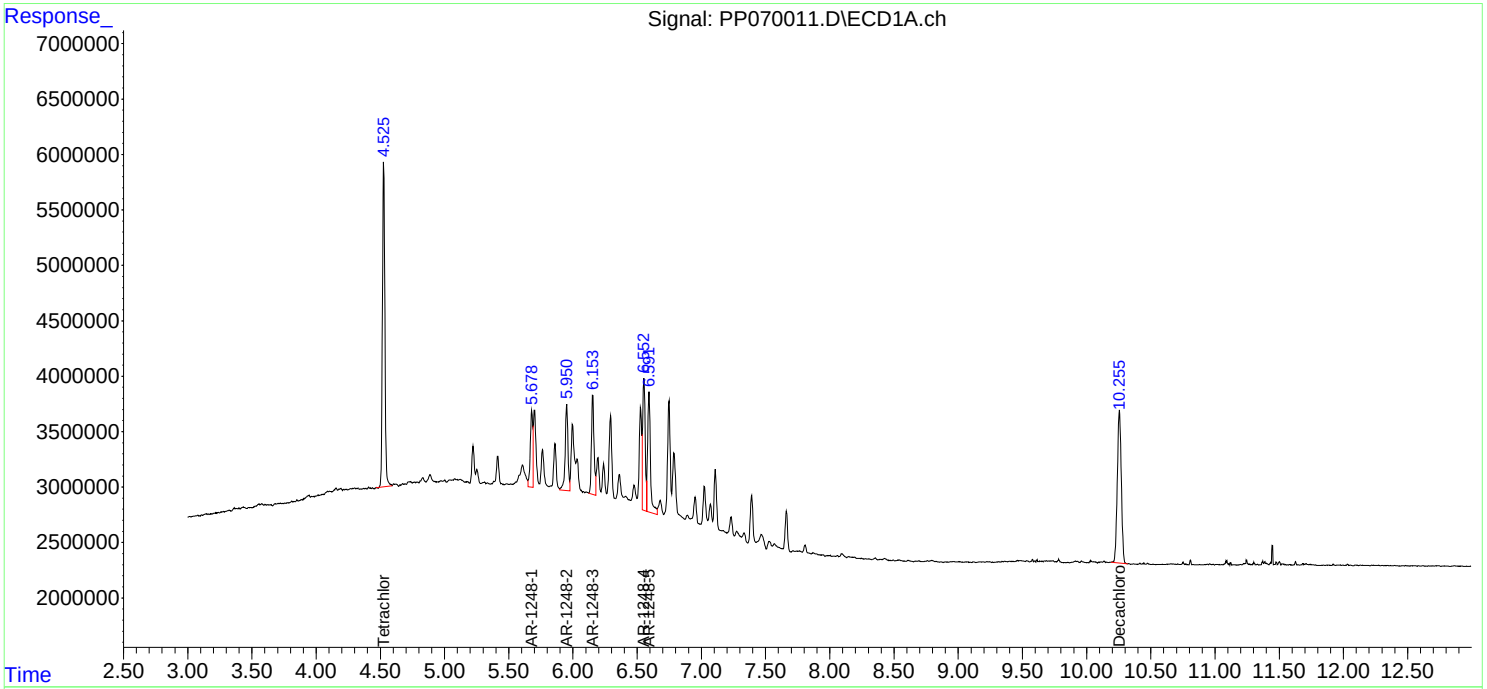
ICAL Form

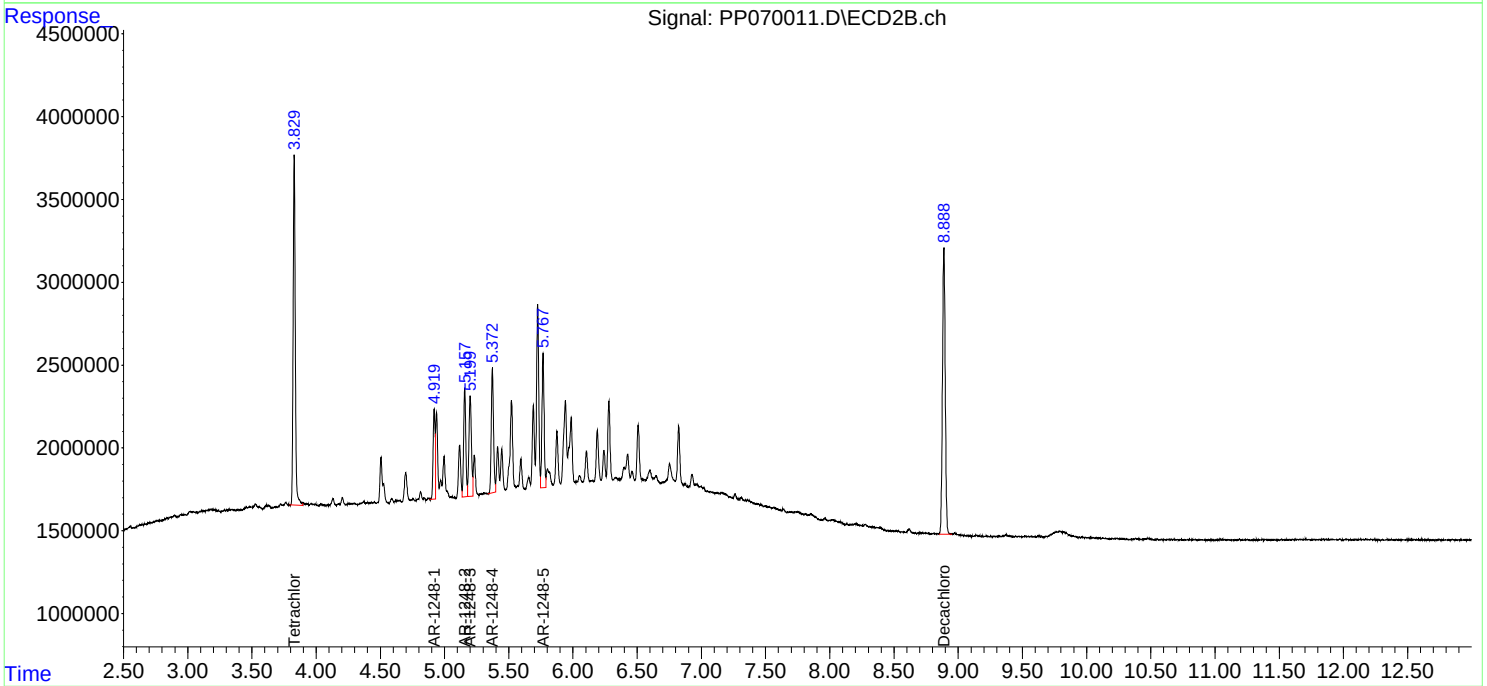
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 19:03
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 03:54:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 03:54:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 19:19
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 03:52:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 02:46:30 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.523 | 3.830 | 6550878 | 4860377 | 4.420 | 5.077 |
| 2) | SA Decachlor... | 10.252 | 8.889 | 5158743 | 5826306 | 4.606 | 5.804 # |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.675 | 4.919 | 1683389 | 1072097 | 51.703m | 48.384 |
| 22) | L5 AR-1248-2 | 5.946 | 5.158 | 1972518 | 1428930 | 46.018m | 49.302 |
| 23) | L5 AR-1248-3 | 6.149 | 5.201 | 2040568 | 1549382 | 43.464m | 51.495 |
| 24) | L5 AR-1248-4 | 6.548 | 5.373 | 3014885 | 1941377 | 51.413m | 55.019 |
| 25) | L5 AR-1248-5 | 6.588 | 5.768 | 2835972 | 1967262 | 49.846m | 54.509 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 19:19
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

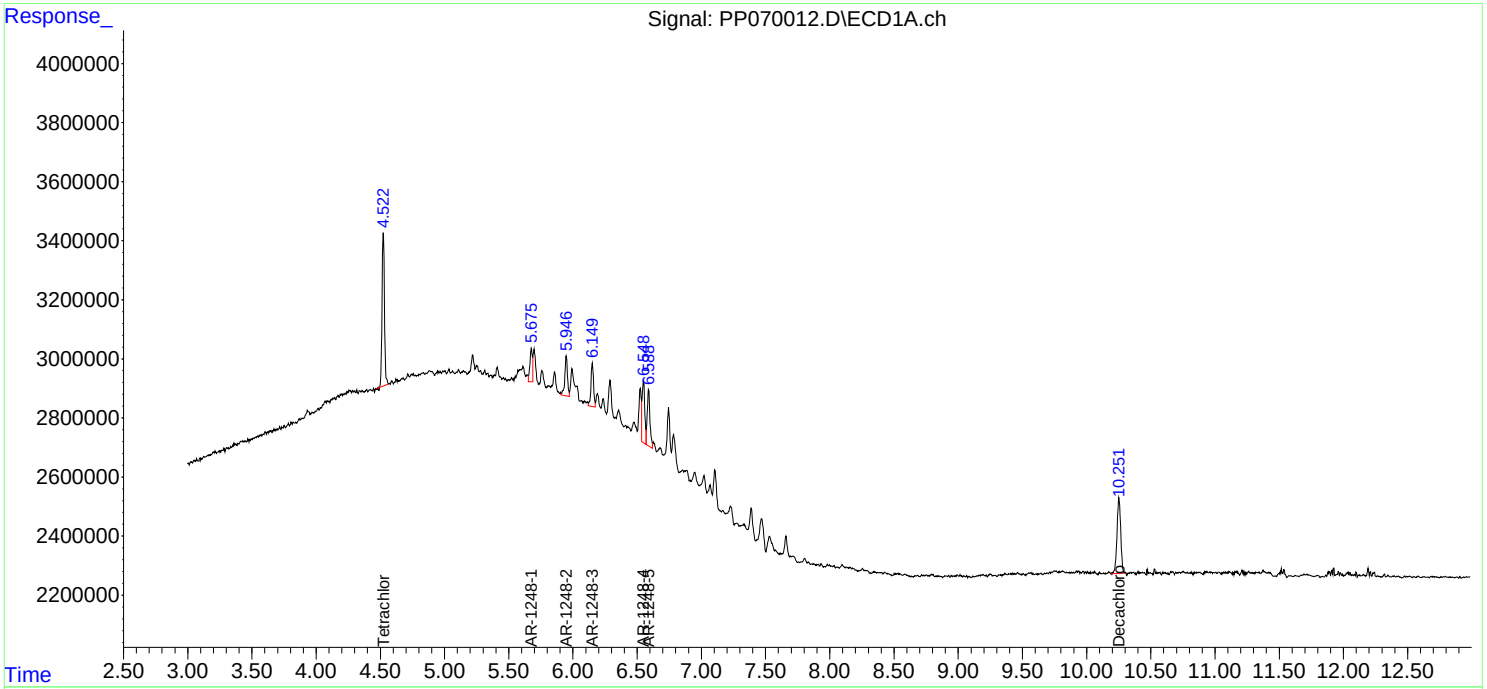
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC050

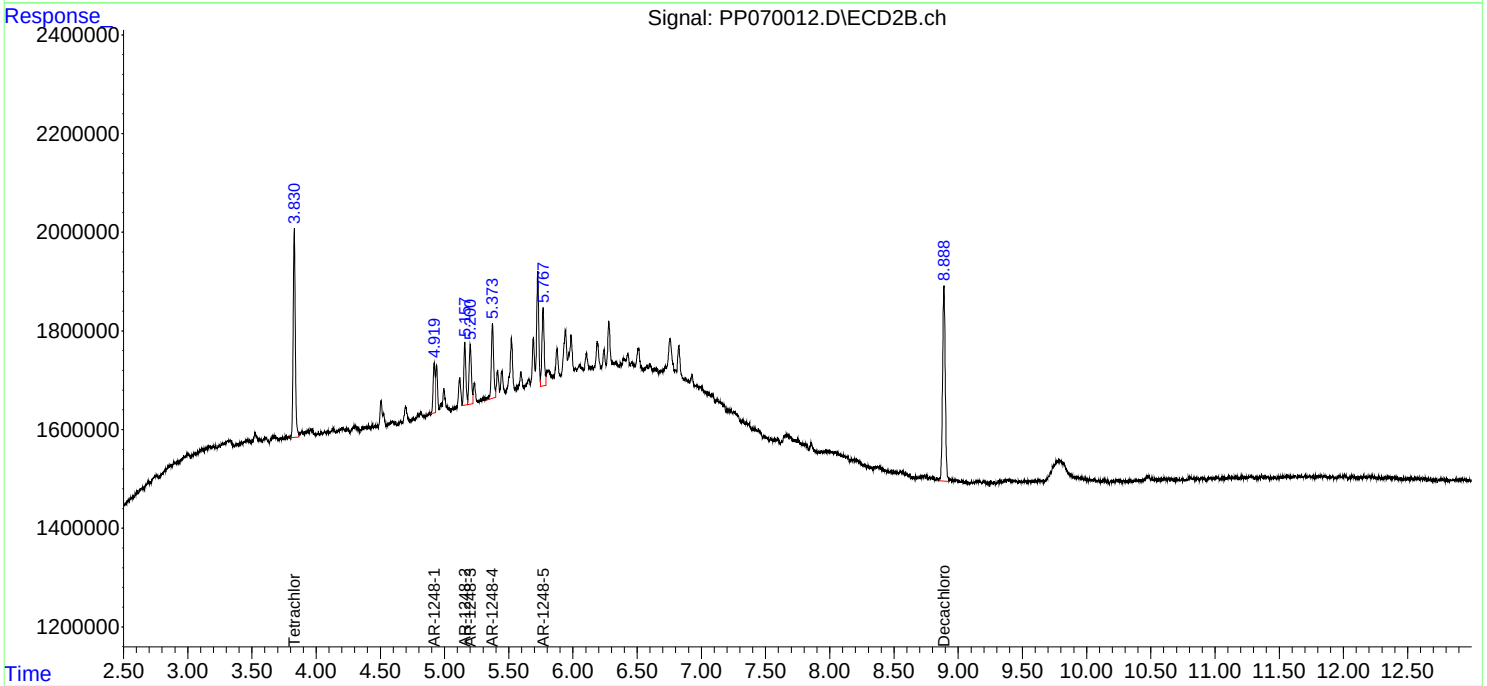
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 03:52:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 02:46:30 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 19:35
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC1000

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:01:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.527 | 3.830 | 144.4E6 | 95717624 | 92.833 | 96.535 |
| 2) | SA Decachlor... | 10.257 | 8.888 | 107.6E6 | 96312460 | 88.033 | 84.075 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.529 | 5.726 | 51156577 | 50279933 | 843.859m | 901.842 |
| 27) | L6 AR-1254-2 | 6.747 | 5.875 | 78872042 | 44271421 | 906.723 | 892.959 |
| 28) | L6 AR-1254-3 | 7.110 | 6.280 | 79973406 | 70979950 | 912.505 | 899.833 |
| 29) | L6 AR-1254-4 | 7.392 | 6.508 | 66856800 | 50771725 | 910.193 | 935.892 |
| 30) | L6 AR-1254-5 | 7.809 | 6.927 | 65315189 | 64408865 | 938.155 | 885.994 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 19:35
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

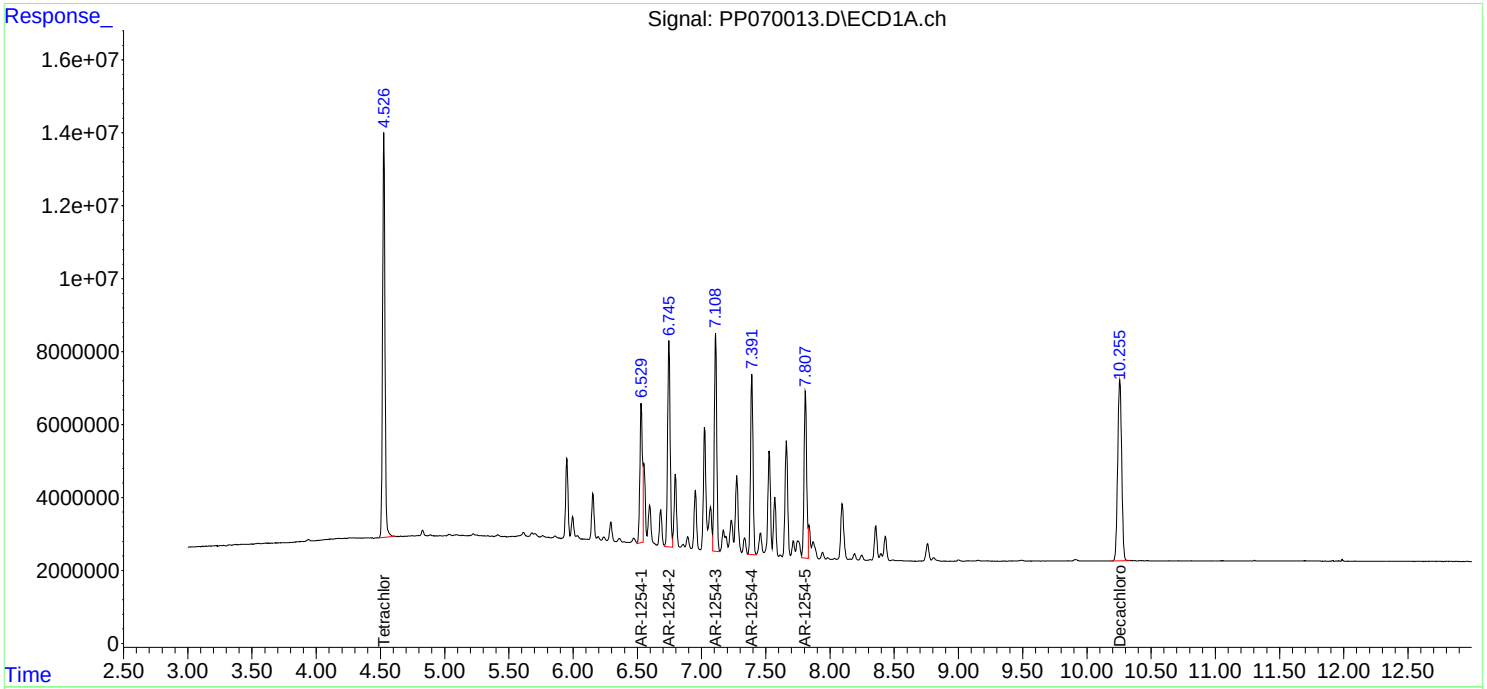
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC1000

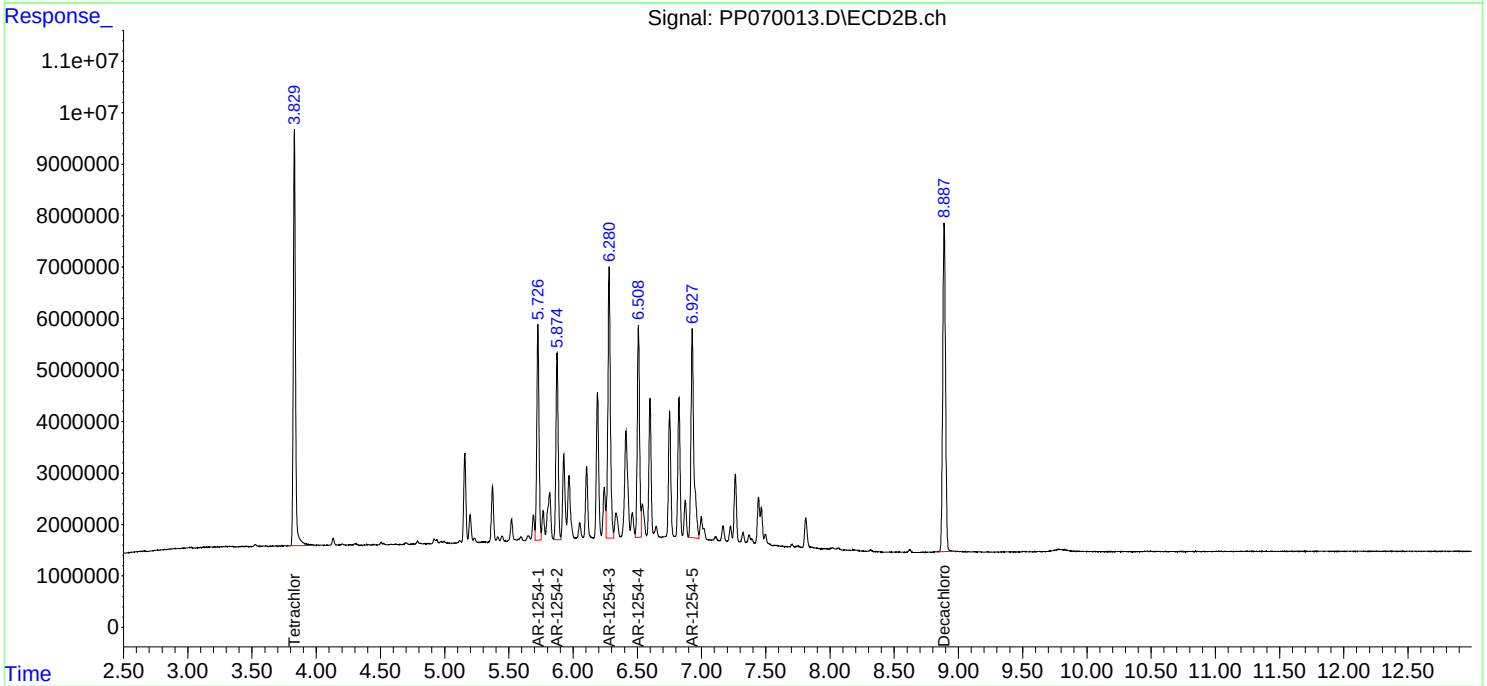
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:01:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 19:51
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:01:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.524 | 3.830 | 110.7E6 | 71421307 | 71.176 | 72.031 |
| 2) | SA Decachlor... | 10.252 | 8.888 | 82107398 | 75976360 | 67.202 | 66.323 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.526 | 5.727 | 43177815 | 38730329 | 712.245m | 694.683 |
| 27) | L6 AR-1254-2 | 6.744 | 5.875 | 60940959 | 34175329 | 700.585 | 689.320 |
| 28) | L6 AR-1254-3 | 7.106 | 6.280 | 61741877 | 54448591 | 704.482 | 690.260 |
| 29) | L6 AR-1254-4 | 7.389 | 6.508 | 51037990 | 37612054 | 694.835 | 693.315 |
| 30) | L6 AR-1254-5 | 7.804 | 6.927 | 51336155 | 49566080 | 737.367m | 681.820 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 19:51
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

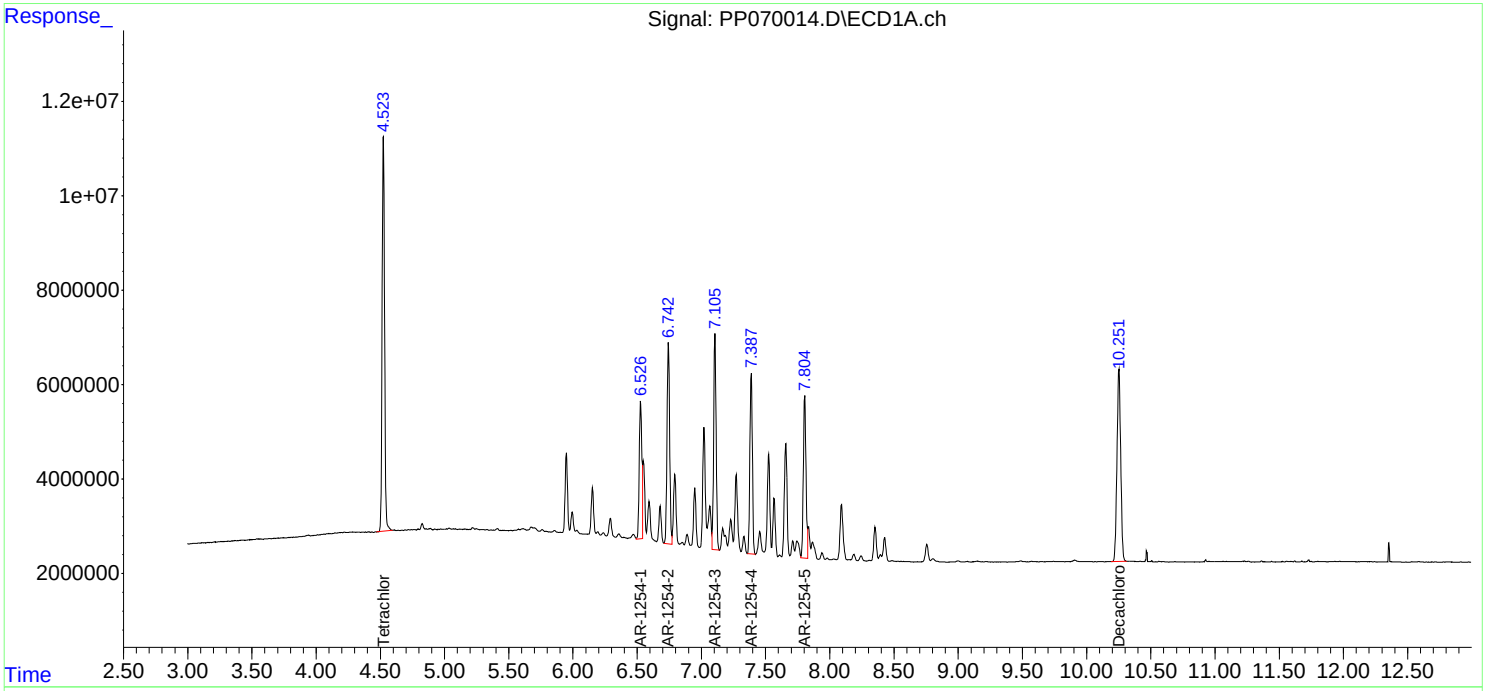
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

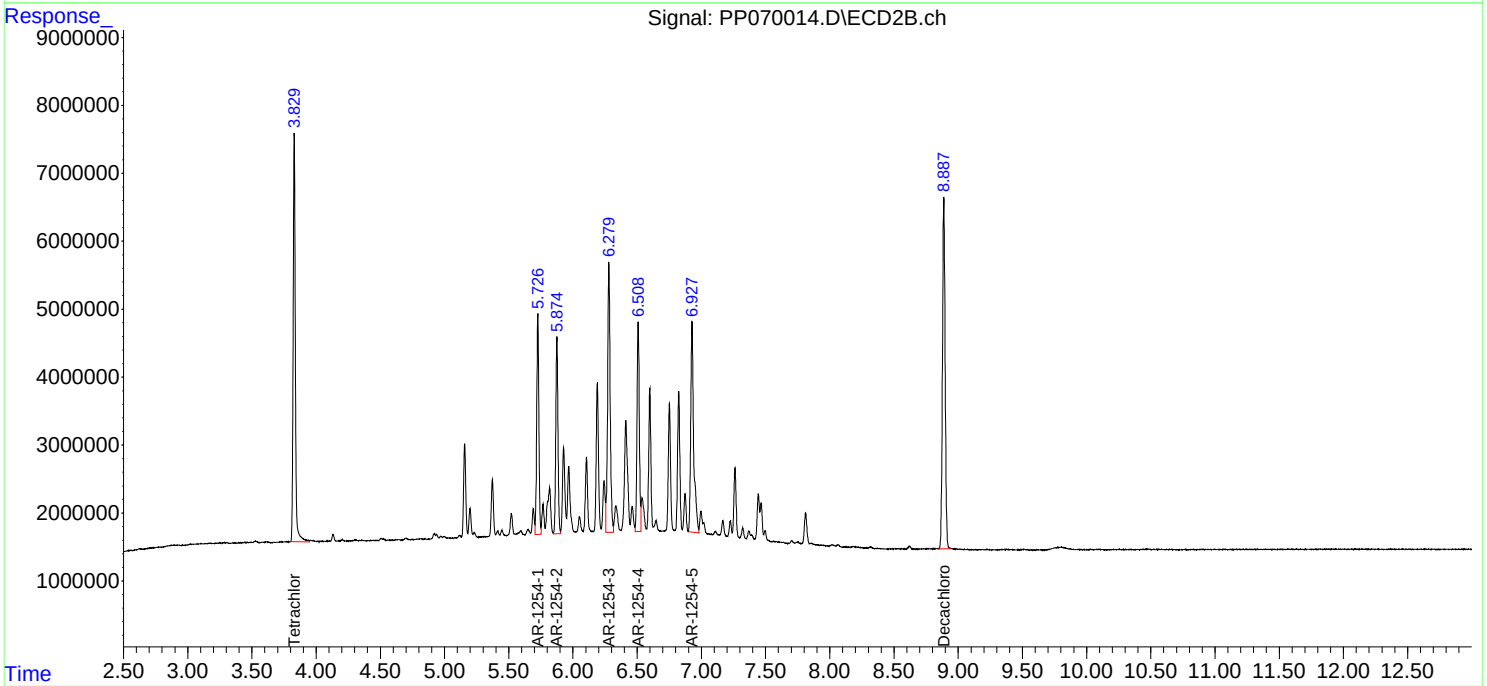
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:01:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:08
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:02:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.527 | 3.830 | 77763216 | 49576763 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.257 | 8.888 | 61090090 | 57277938 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.531 | 5.727 | 30311081 | 27876244 | 500.000 | 500.000 |
| 27) | L6 AR-1254-2 | 6.747 | 5.875 | 43492927 | 24789176 | 500.000 | 500.000 |
| 28) | L6 AR-1254-3 | 7.110 | 6.281 | 43820793 | 39440641 | 500.000 | 500.000 |
| 29) | L6 AR-1254-4 | 7.392 | 6.509 | 36726697 | 27124790 | 500.000 | 500.000 |
| 30) | L6 AR-1254-5 | 7.809 | 6.928 | 34810463 | 36348350 | 500.000 | 500.000 |

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

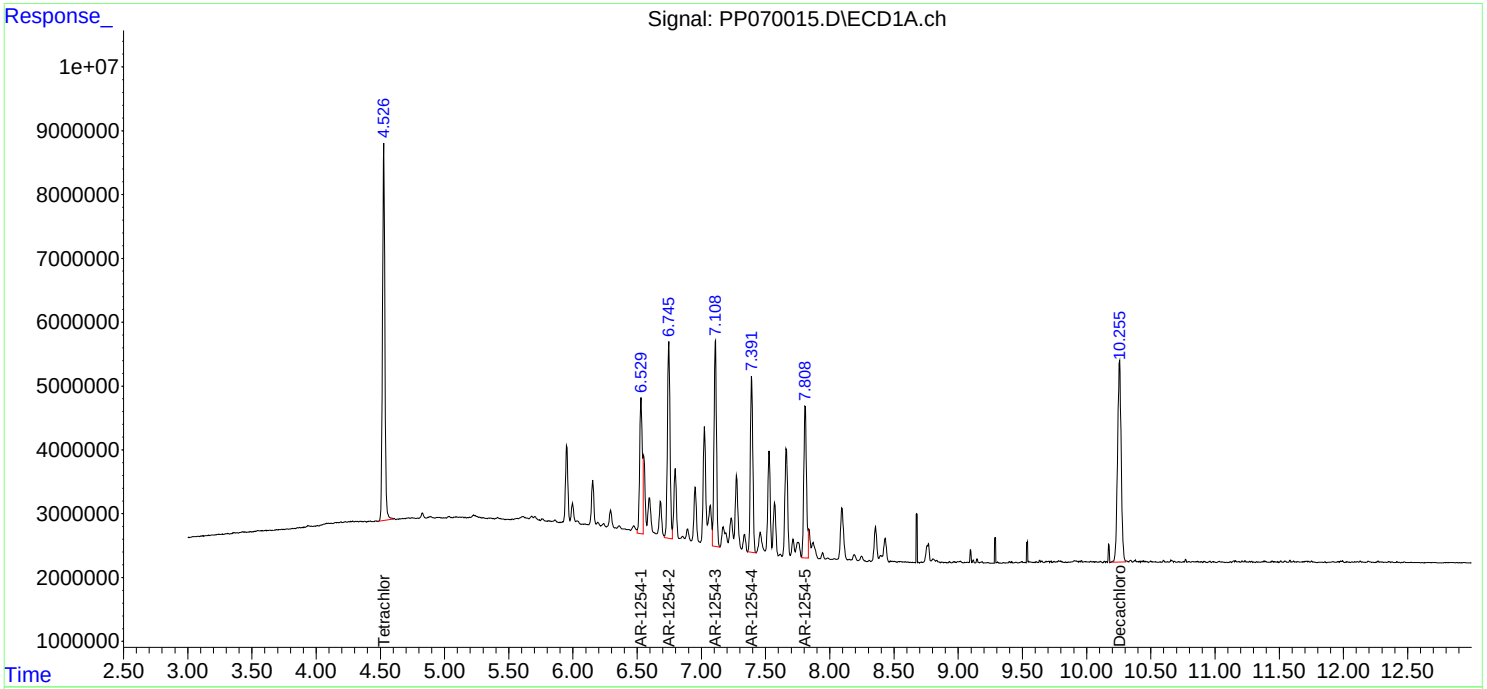
ICAL Form

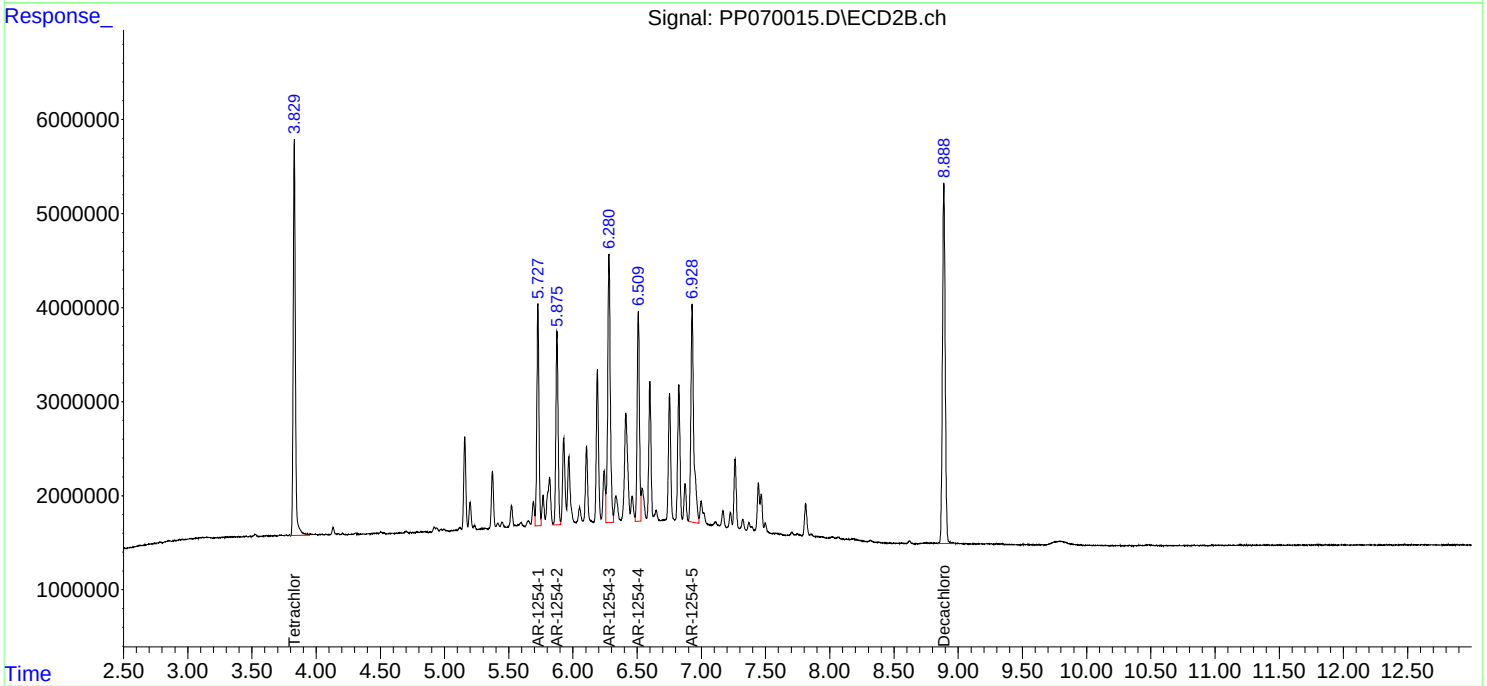
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:08
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:02:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:24
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:02:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.527 | 3.830 | 40132836 | 27047582 | 25.805 | 27.278 |
| 2) | SA Decachlor... | 10.255 | 8.888 | 30187238 | 31137800 | 24.707 | 27.181 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.531 | 5.726 | 16752117 | 15003264 | 276.337 | 269.105 |
| 27) | L6 AR-1254-2 | 6.747 | 5.875 | 23335043 | 13387354 | 268.263 | 270.024 |
| 28) | L6 AR-1254-3 | 7.110 | 6.280 | 23235048 | 21071755 | 265.114 | 267.133 |
| 29) | L6 AR-1254-4 | 7.392 | 6.508 | 19203653 | 14324648 | 261.440 | 264.051 |
| 30) | L6 AR-1254-5 | 7.809 | 6.927 | 18089237 | 18907727 | 259.825 | 260.091 |

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

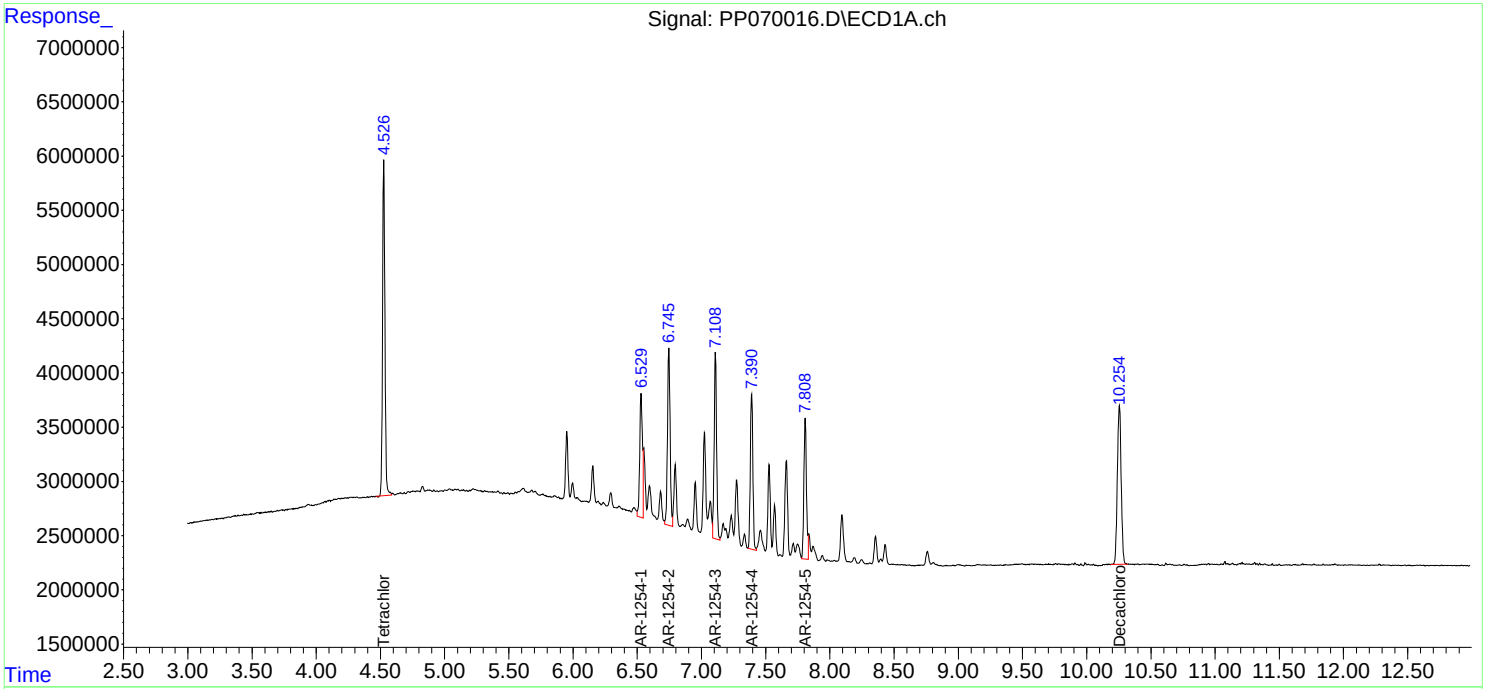
ICAL Form

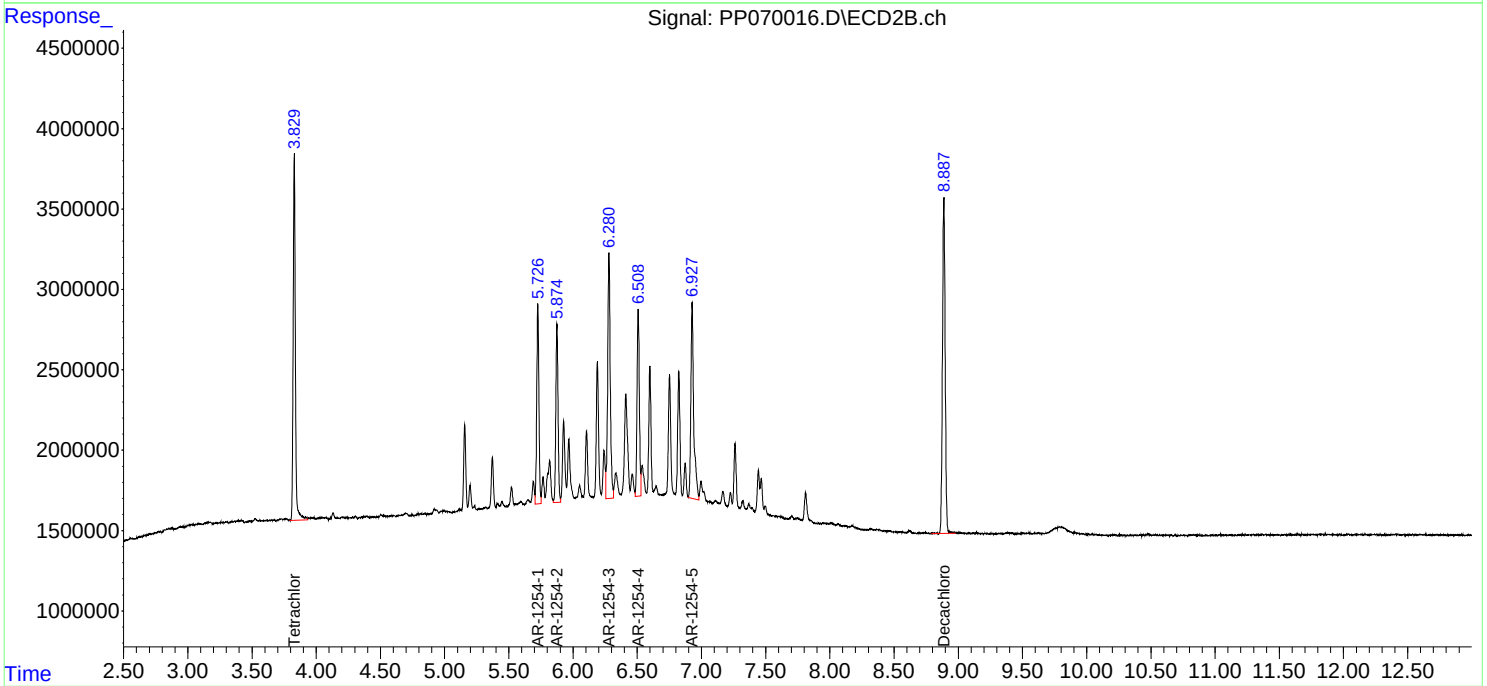
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:24
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:02:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:40
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:02:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.524 | 3.829 | 6961196 | 4894187 | 4.476m | 4.936m |
| 2) | SA Decachlor... | 10.255 | 8.888 | 5486741 | 5741356 | 4.491 | 5.012 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.527 | 5.726 | 2357200 | 2758046 | 38.883m | 49.469m# |
| 27) | L6 AR-1254-2 | 6.744 | 5.874 | 4898737 | 2538069 | 56.316m | 51.193m |
| 28) | L6 AR-1254-3 | 7.107 | 6.280 | 5137710 | 3616827 | 58.622m | 45.852m |
| 29) | L6 AR-1254-4 | 7.391 | 6.509 | 4369008 | 2241541 | 59.480m | 41.319m# |
| 30) | L6 AR-1254-5 | 7.806 | 6.928 | 3003510 | 2951078 | 43.141m | 40.594m |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:40
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

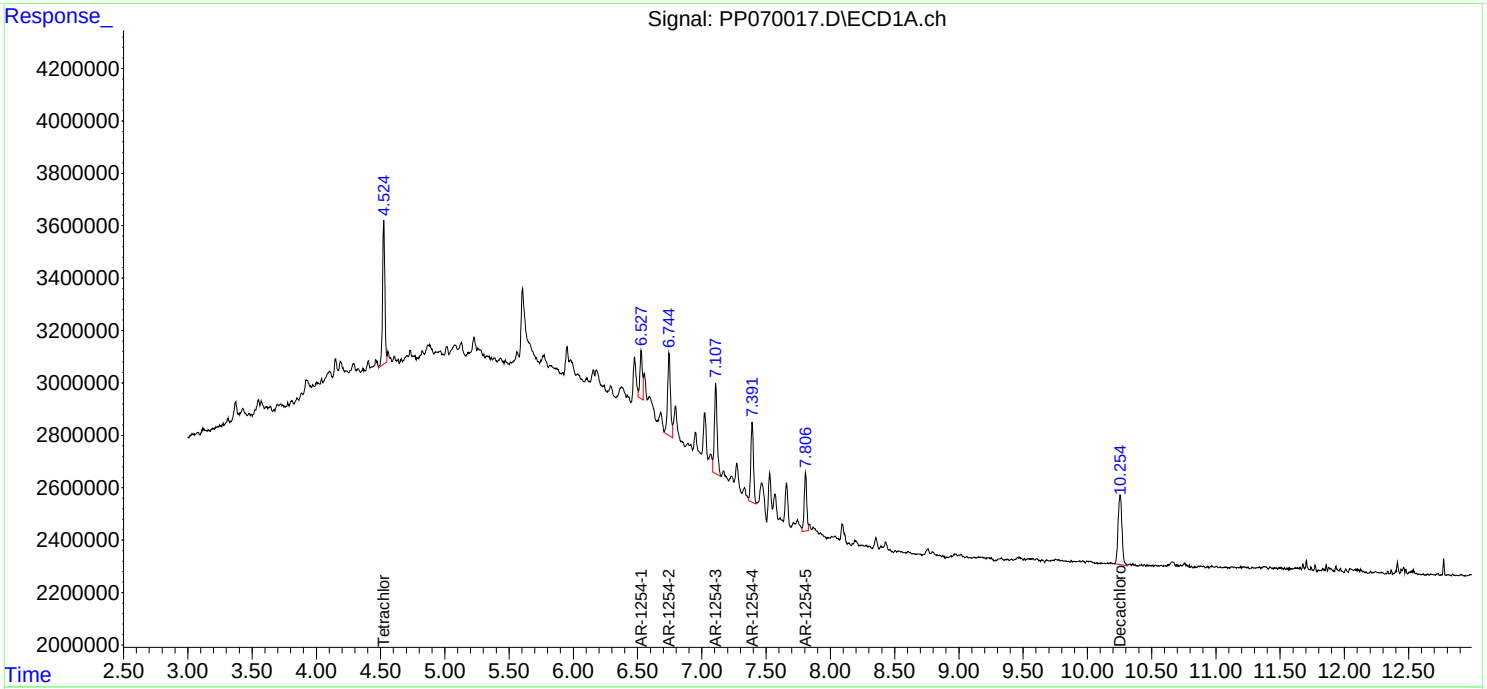
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

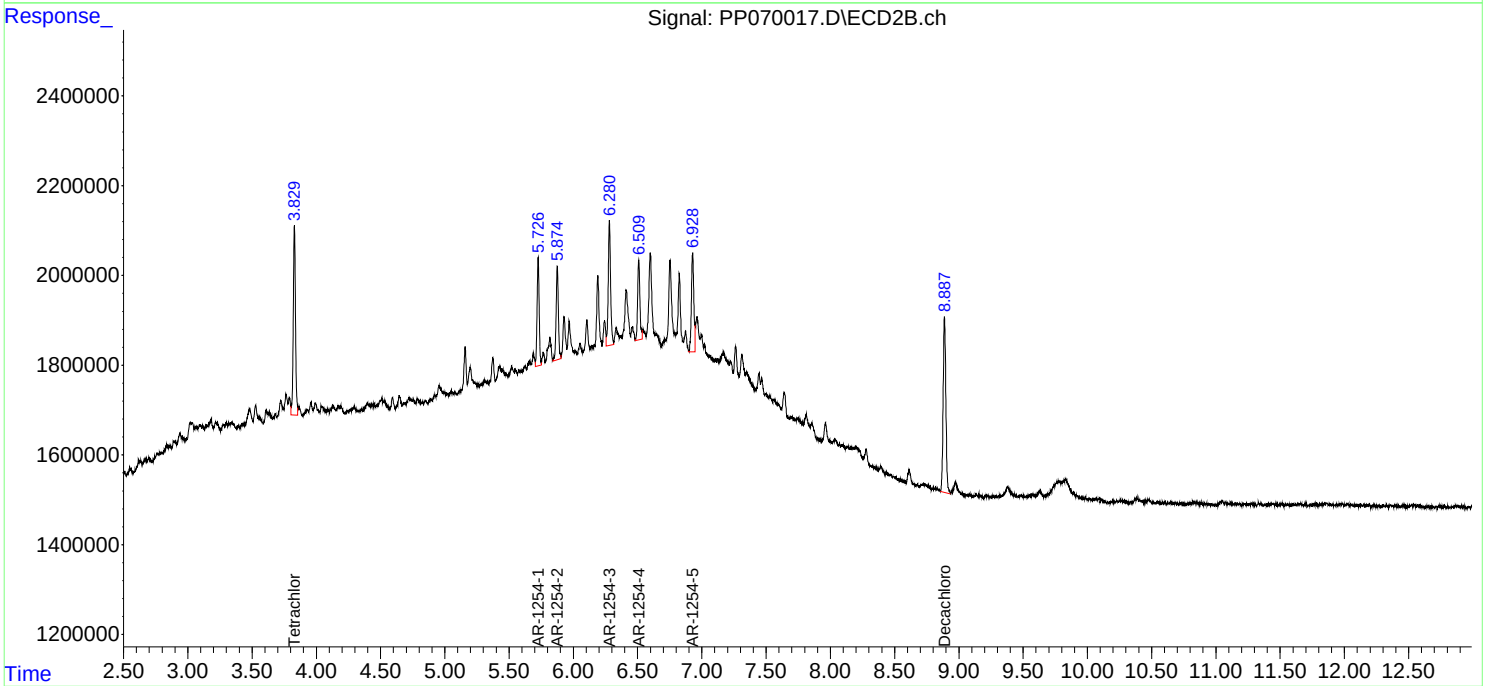
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:02:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:56
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:17:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:16:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.525 | 3.830 | 75905513 | 49076245 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.253 | 8.887 | 56184968 | 54922965 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 36) | L8 AR-1262-1 | 8.110 | 6.966 | 40364528 | 41737655 | 500.000 | 500.000 |
| 37) | L8 AR-1262-2 | 8.430 | 7.225 | 80543740 | 33145535 | 500.000 | 500.000 |
| 38) | L8 AR-1262-3 | 8.748 | 7.750 | 55305882 | 30290218 | 500.000 | 500.000 |
| 39) | L8 AR-1262-4 | 8.835 | 7.814 | 41956958 | 52736975 | 500.000 | 500.000 |
| 40) | L8 AR-1262-5 | 9.491 | 8.317 | 29402309 | 25965064 | 500.000 | 500.000 |

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

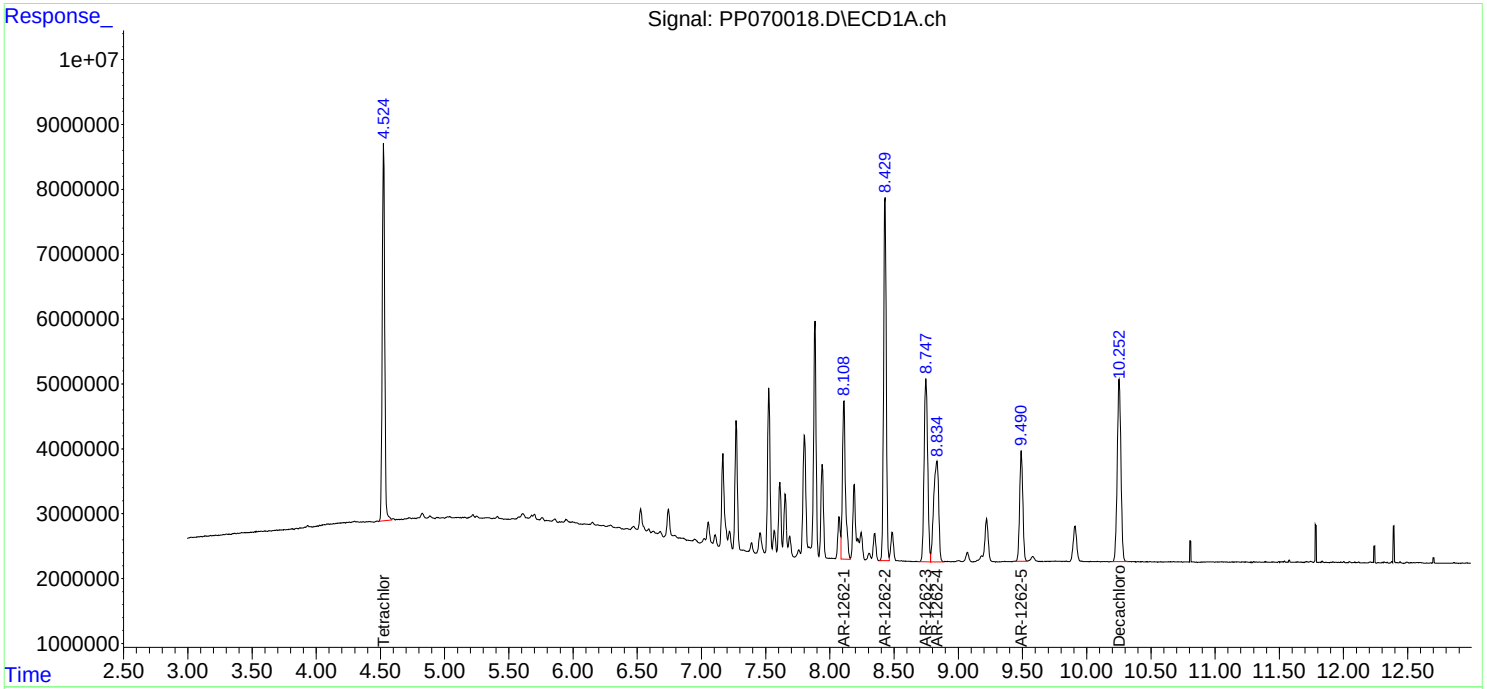
ICAL Form

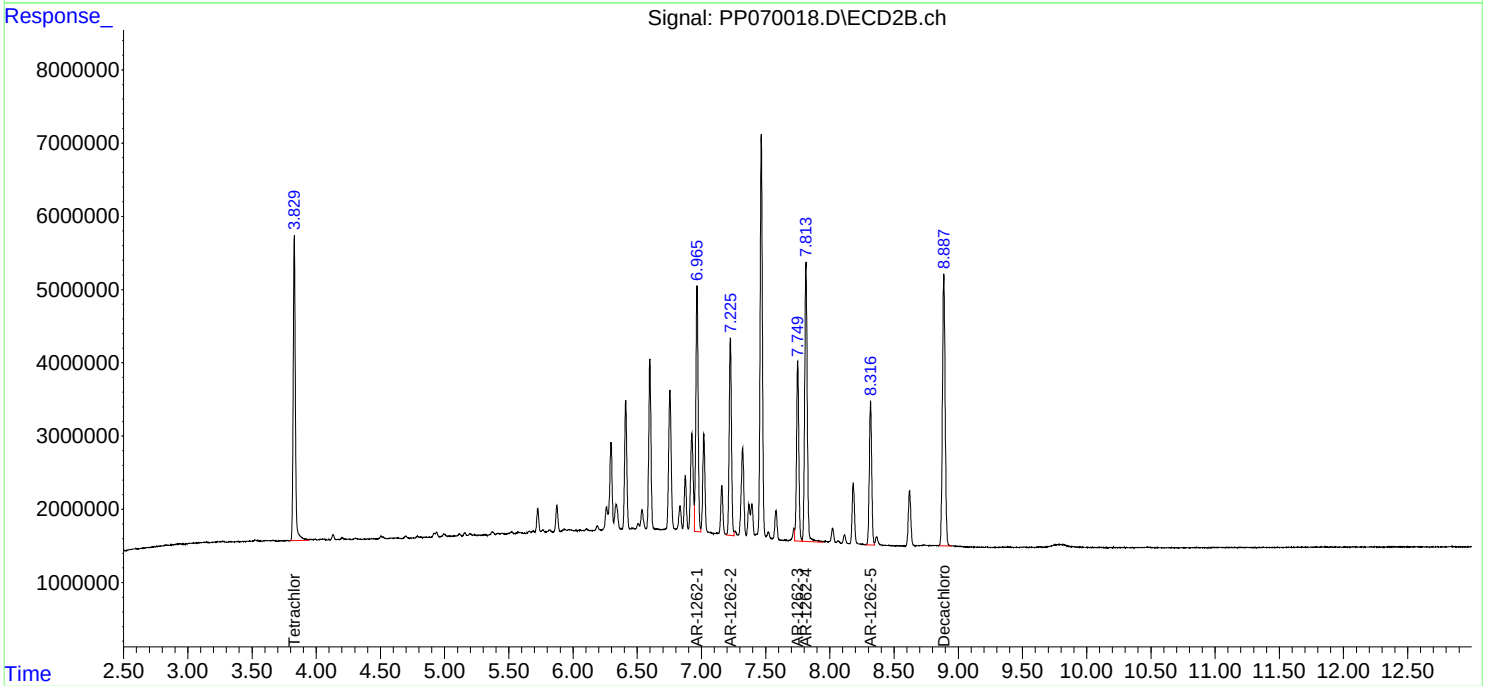
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 20:56
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:17:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:16:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 21:12
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:26:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.524 | 3.829 | 150.1E6 | 96949955 | 97.947 | 97.351 |
| 2) | SA Decachlor... | 10.252 | 8.887 | 184.0E6 | 157.5E6 | 95.984 | 93.364 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.744 | 7.749 | 188.4E6 | 160.3E6 | 973.171 | 1004.482 |
| 42) | L9 AR-1268-2 | 8.838 | 7.814 | 162.7E6 | 139.5E6 | 966.670 | 1016.199 |
| 43) | L9 AR-1268-3 | 9.071 | 8.022 | 141.6E6 | 118.7E6 | 974.102 | 985.054 |
| 44) | L9 AR-1268-4 | 9.490 | 8.316 | 63392961 | 50956768 | 985.012 | 963.009 |
| 45) | L9 AR-1268-5 | 9.910 | 8.620 | 414.0E6 | 345.5E6 | 989.680 | 1003.899 |

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

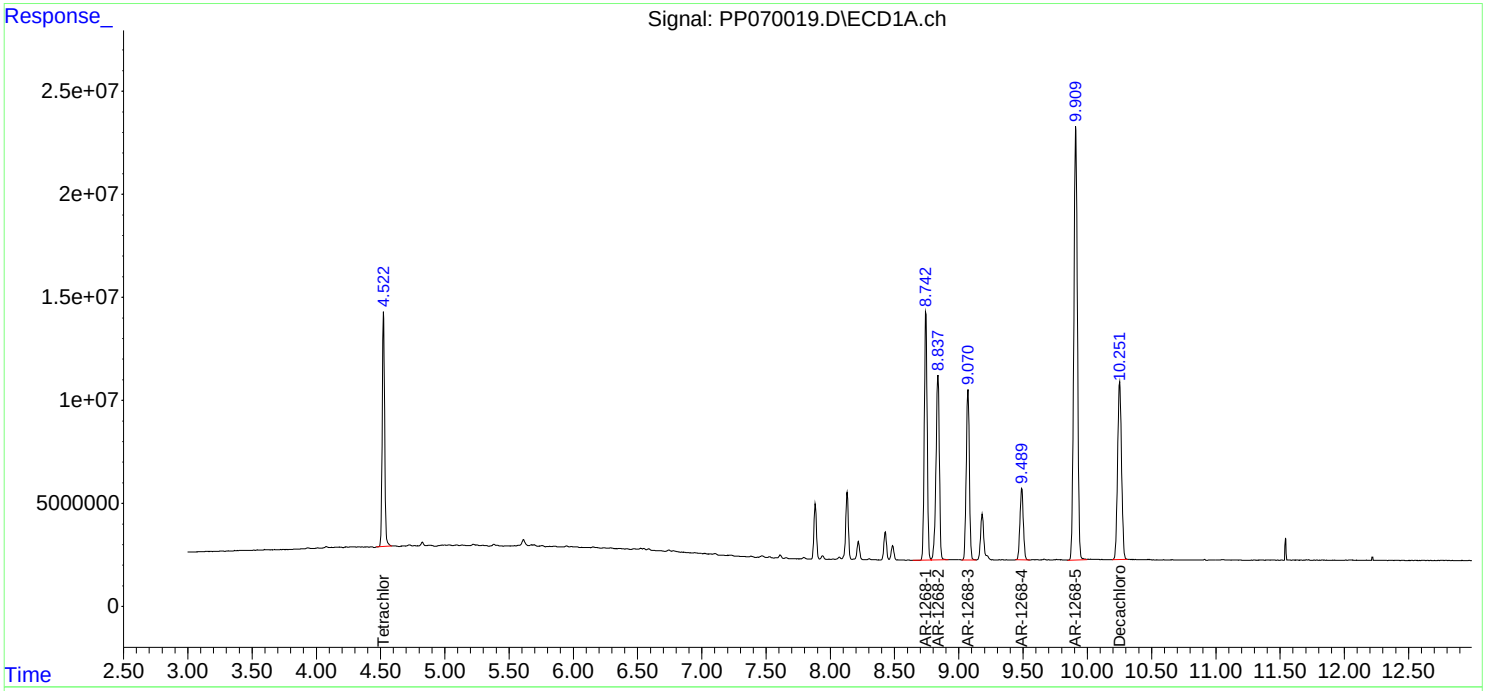
ICAL Form

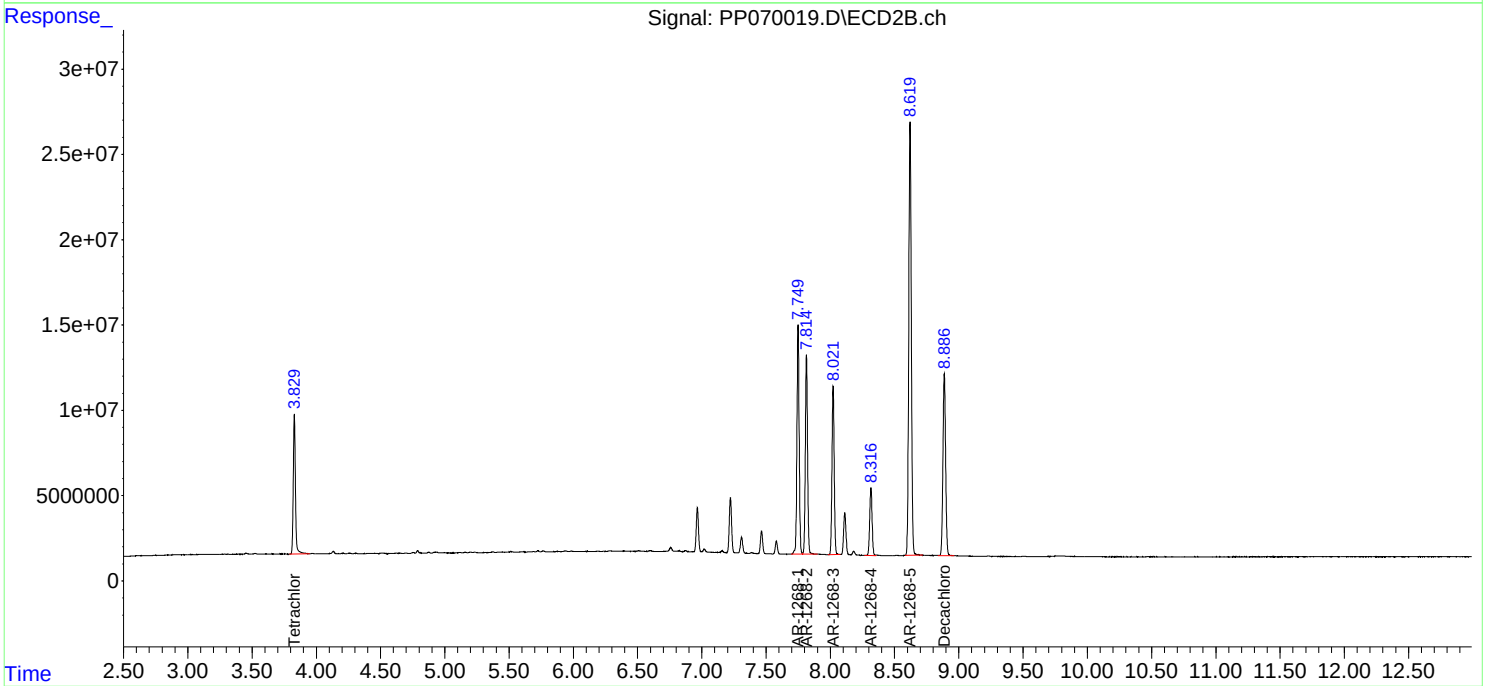
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 21:12
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:26:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 21:29
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC750

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:26:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.526 | 3.830 | 103.2E6 | 64166467 | 67.333 | 64.432m |
| 2) | SA Decachlor... | 10.254 | 8.887 | 137.1E6 | 125.3E6 | 71.547 | 74.298 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.746 | 7.750 | 138.6E6 | 118.3E6 | 715.609 | 741.494 |
| 42) | L9 AR-1268-2 | 8.840 | 7.815 | 119.7E6 | 102.9E6 | 711.321 | 749.564 |
| 43) | L9 AR-1268-3 | 9.073 | 8.022 | 102.9E6 | 86951030 | 707.478 | 721.763 |
| 44) | L9 AR-1268-4 | 9.492 | 8.317 | 45213739 | 37616870 | 702.540 | 710.904 |
| 45) | L9 AR-1268-5 | 9.911 | 8.622 | 301.0E6 | 264.8E6 | 719.439 | 769.421 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 21:29
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

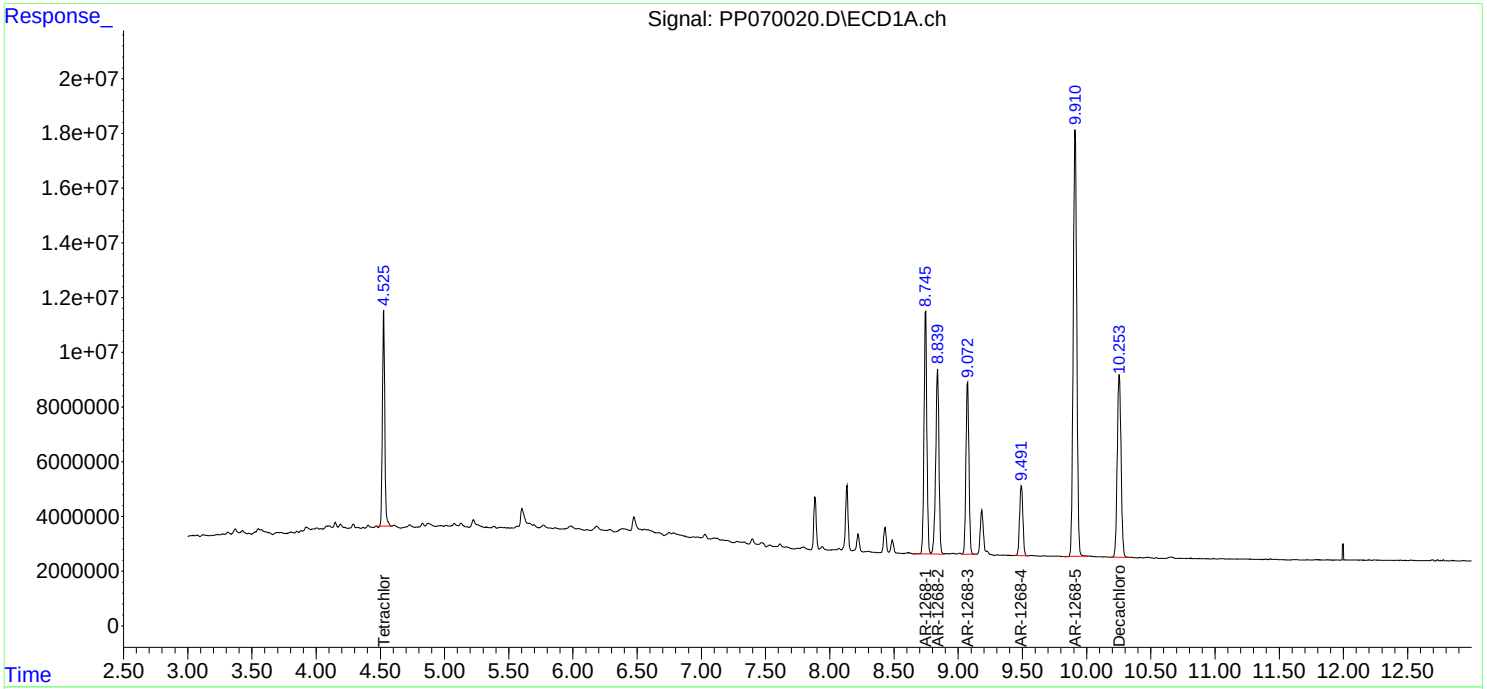
**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC750

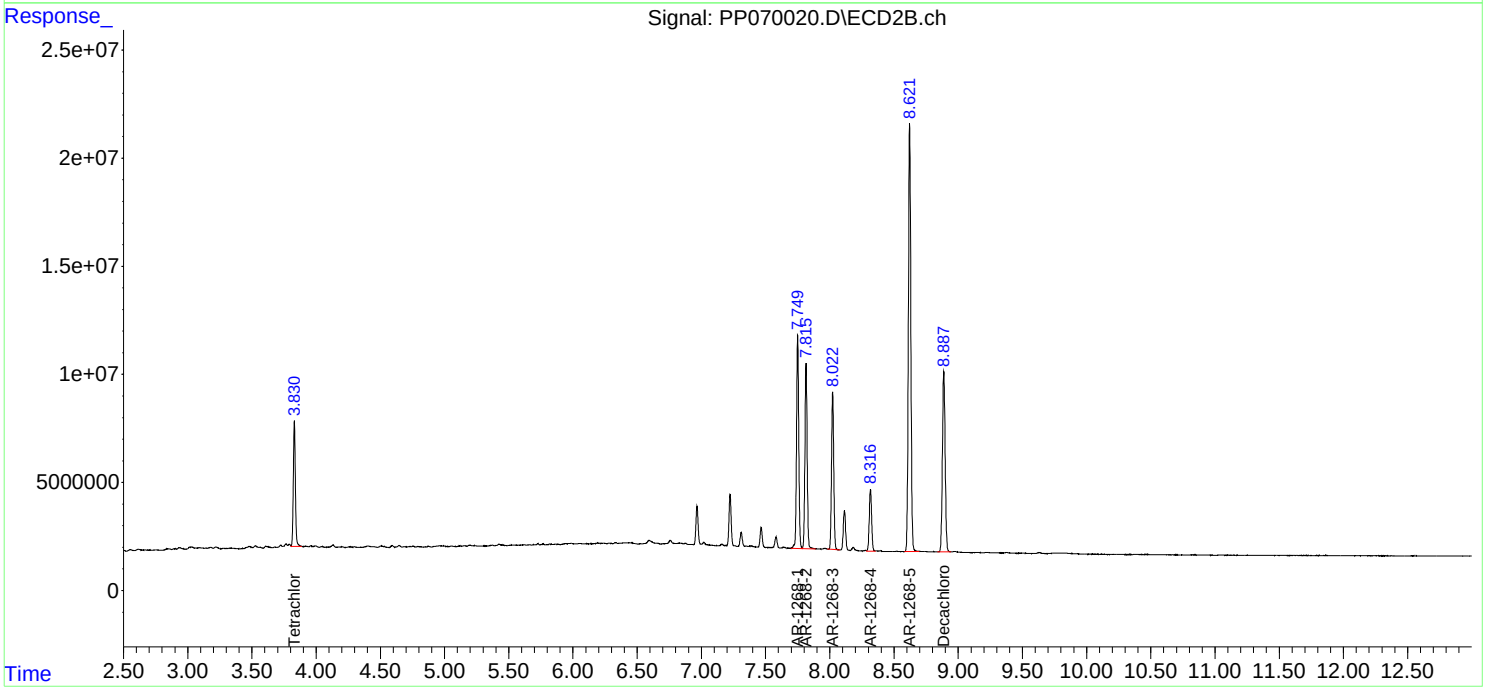
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:26:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 21:45
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:26:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.526 | 3.829 | 76635577 | 49794264 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.255 | 8.888 | 95825115 | 84338967 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.746 | 7.750 | 96814174 | 79784563 | 500.000 | 500.000 |
| 42) | L9 AR-1268-2 | 8.839 | 7.815 | 84153700 | 68652177 | 500.000 | 500.000 |
| 43) | L9 AR-1268-3 | 9.073 | 8.022 | 72693325 | 60235182 | 500.000 | 500.000 |
| 44) | L9 AR-1268-4 | 9.492 | 8.316 | 32178787 | 26457057 | 500.000 | 500.000 |
| 45) | L9 AR-1268-5 | 9.911 | 8.621 | 209.2E6 | 172.1E6 | 500.000 | 500.000 |

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

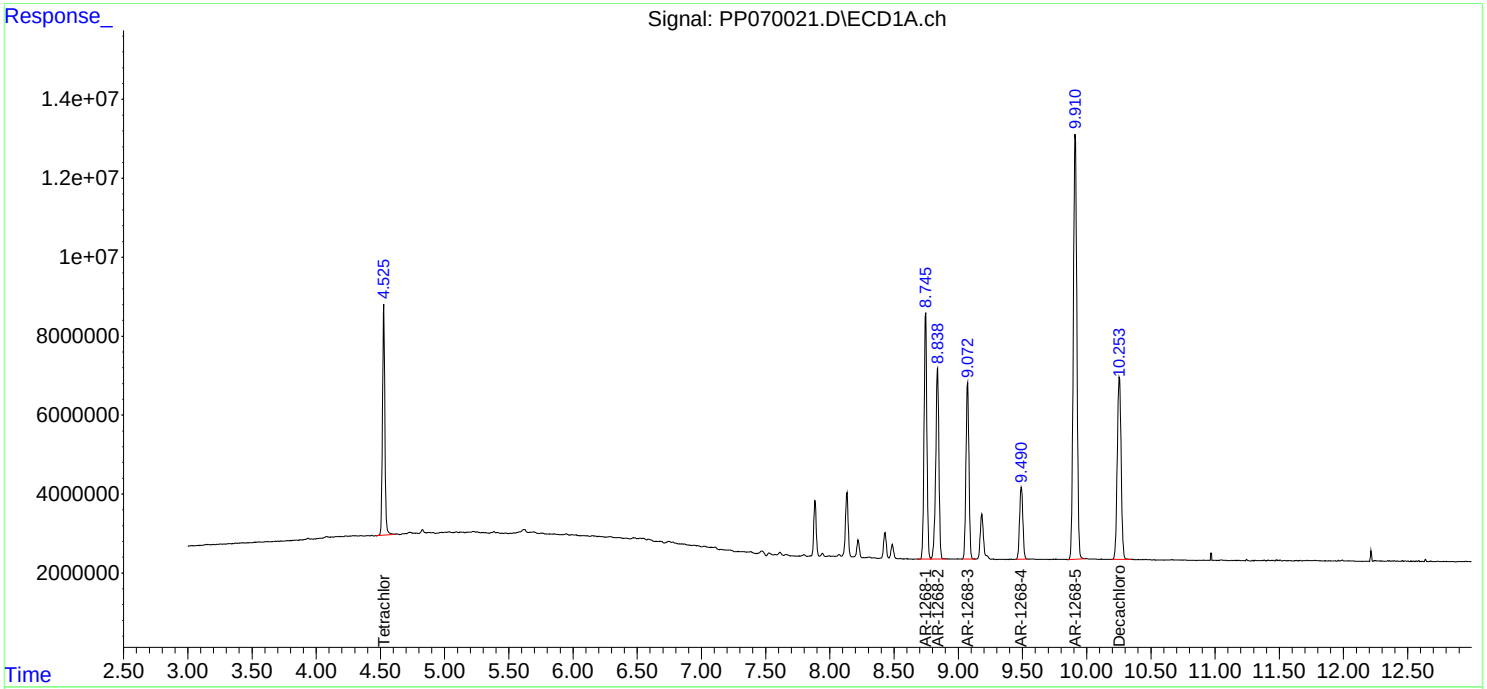
ICAL Form

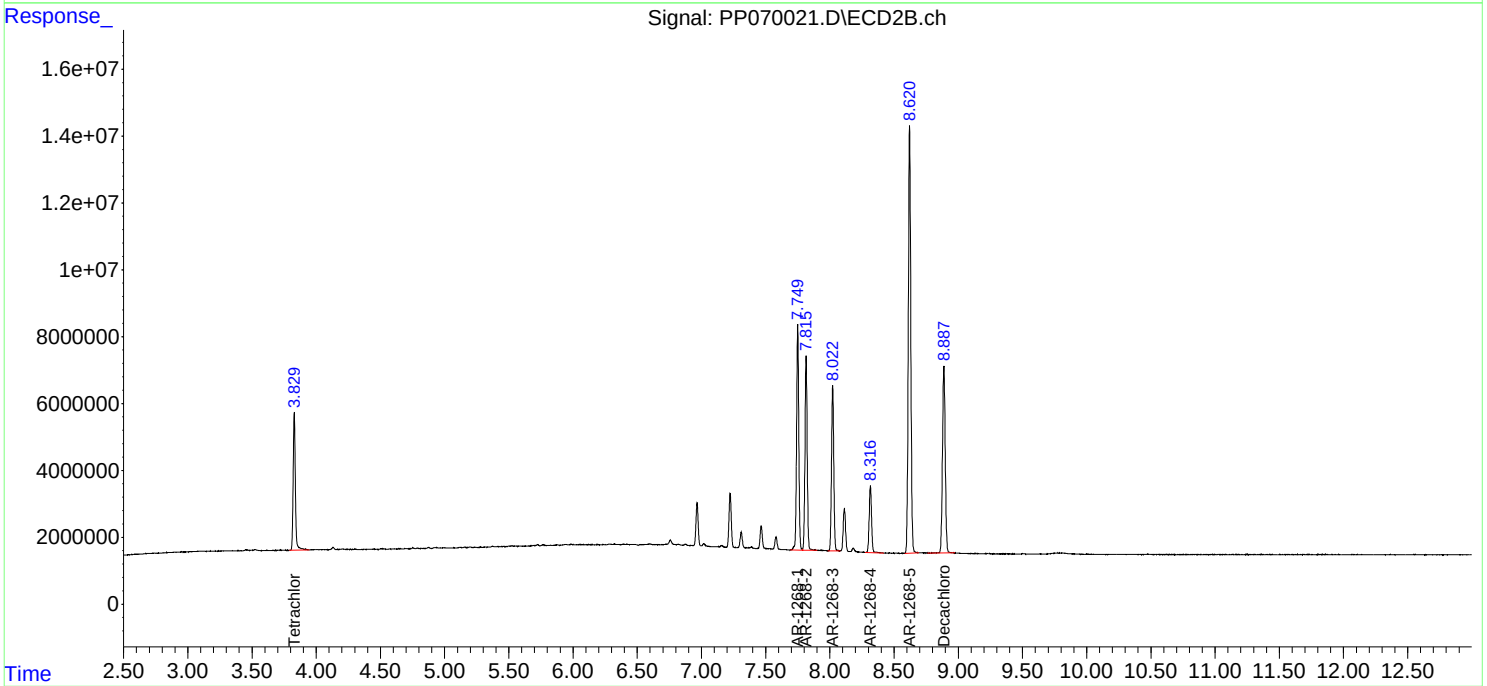
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 21:45
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:26:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 22:01
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC250

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:27:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.524 | 3.829 | 40528443 | 26907341 | 26.442 | 27.019 |
| 2) | SA Decachlor... | 10.253 | 8.886 | 50783887 | 44782319 | 26.498 | 26.549 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.743 | 7.749 | 51712877 | 42629022 | 267.073 | 267.151 |
| 42) | L9 AR-1268-2 | 8.837 | 7.813 | 44323419 | 36635586 | 263.348 | 266.820 |
| 43) | L9 AR-1268-3 | 9.070 | 8.021 | 38318414 | 32440426 | 263.562 | 269.281 |
| 44) | L9 AR-1268-4 | 9.489 | 8.314 | 16742549 | 14453634 | 260.149 | 273.153m |
| 45) | L9 AR-1268-5 | 9.908 | 8.619 | 111.0E6 | 91654966 | 265.452 | 266.322 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 22:01
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

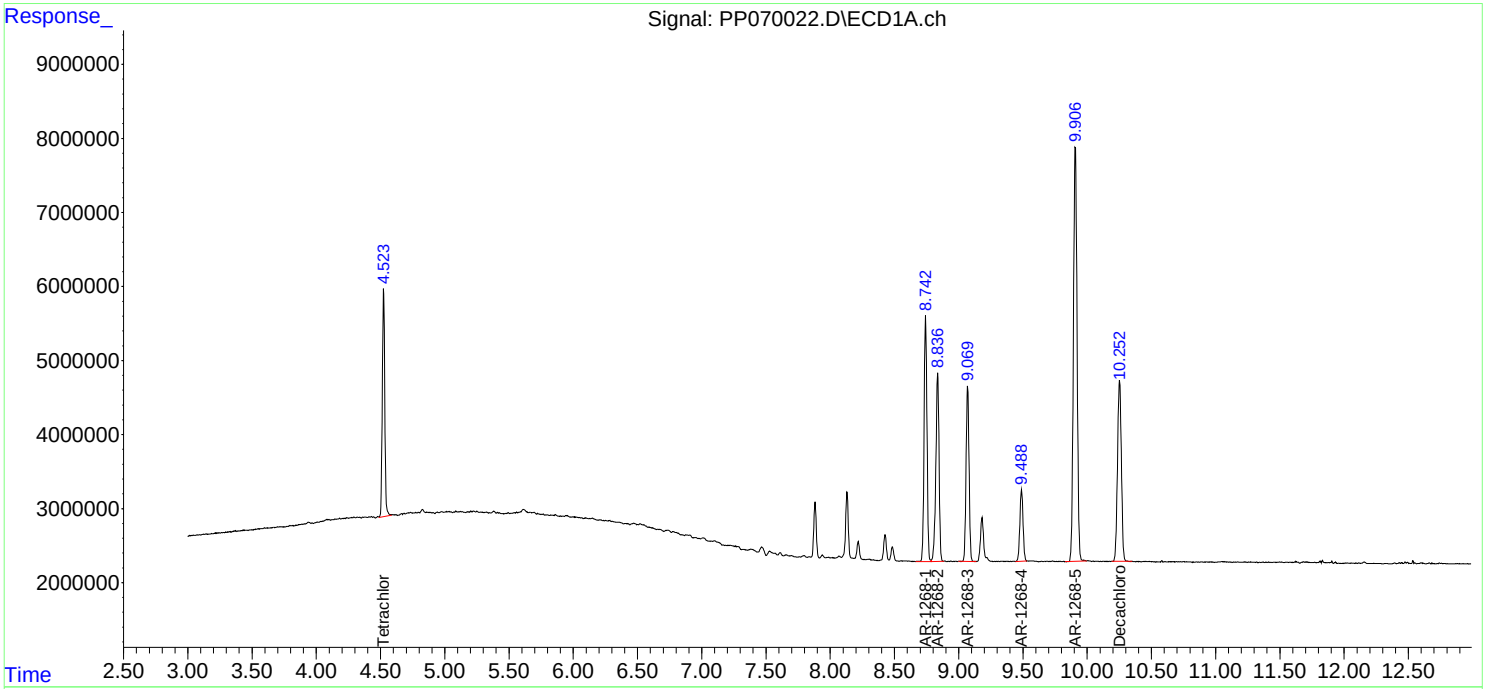
**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC250

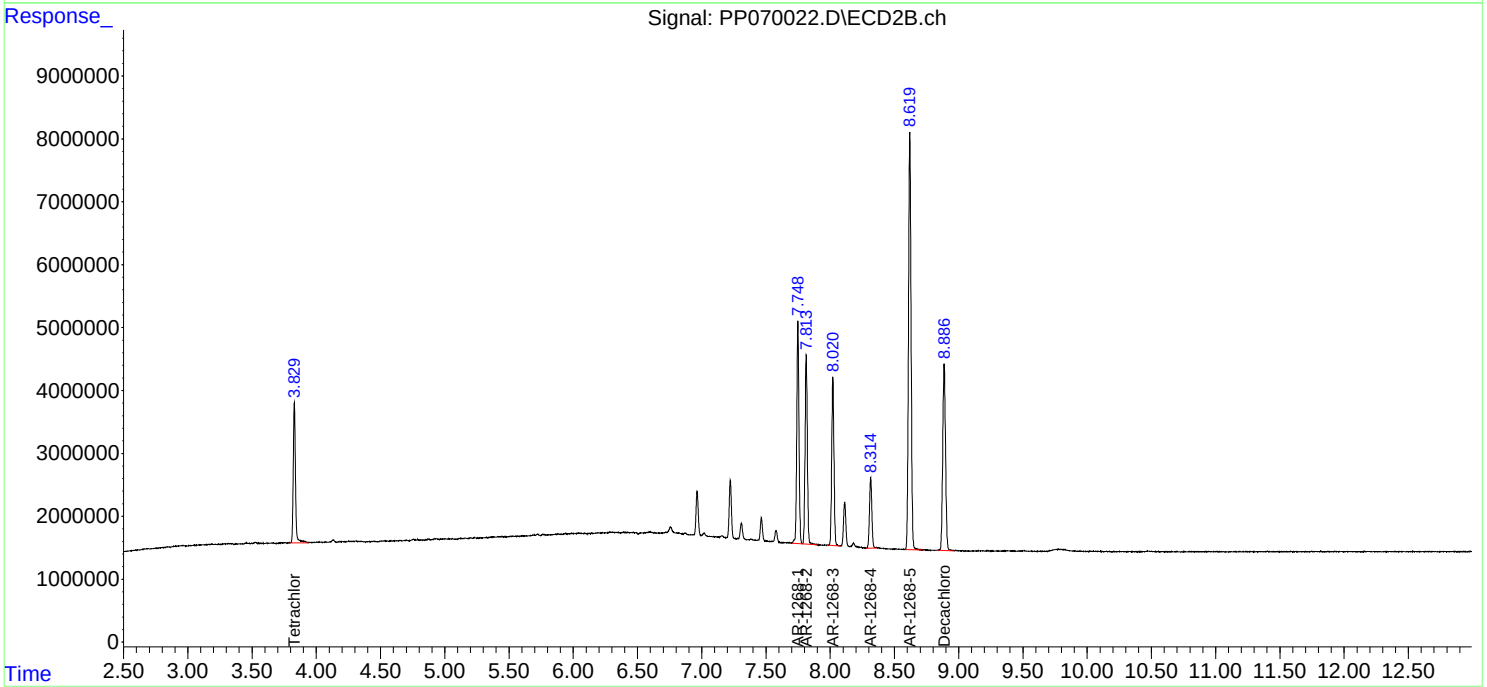
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:27:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 22:17
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:27:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.526 | 3.829 | 7085617 | 5173632 | 4.623m | 5.195 |
| 2) | SA Decachlor... | 10.255 | 8.887 | 9239297 | 9411578 | 4.821 | 5.580 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.746 | 7.750 | 9340209 | 9030797 | 48.238 | 56.595 |
| 42) | L9 AR-1268-2 | 8.839 | 7.814 | 8000010 | 8230405 | 47.532 | 59.943 # |
| 43) | L9 AR-1268-3 | 9.073 | 8.022 | 7004739 | 6374268 | 48.180 | 52.912 |
| 44) | L9 AR-1268-4 | 9.491 | 8.316 | 3012016 | 2704202 | 46.801 | 51.105 |
| 45) | L9 AR-1268-5 | 9.911 | 8.620 | 20088796 | 18338625 | 48.021 | 53.287 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 22:17
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

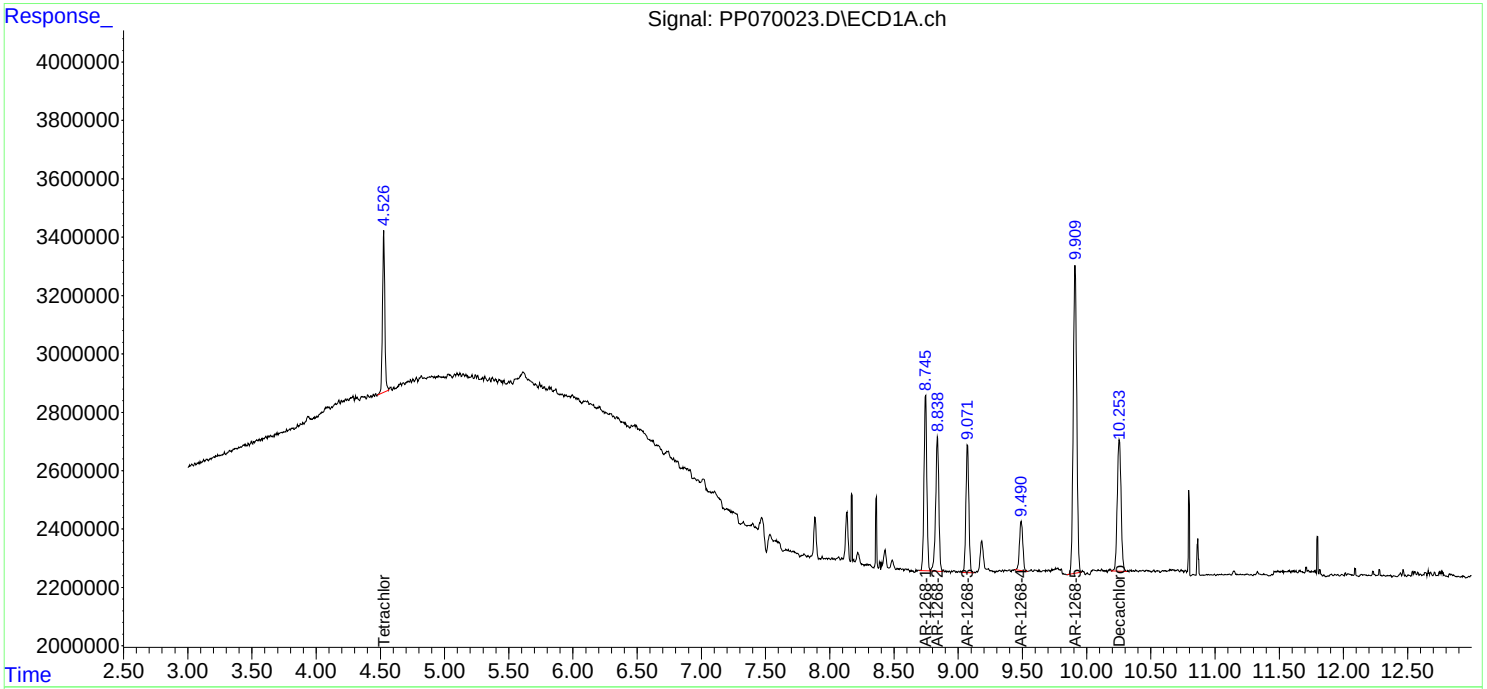
**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050

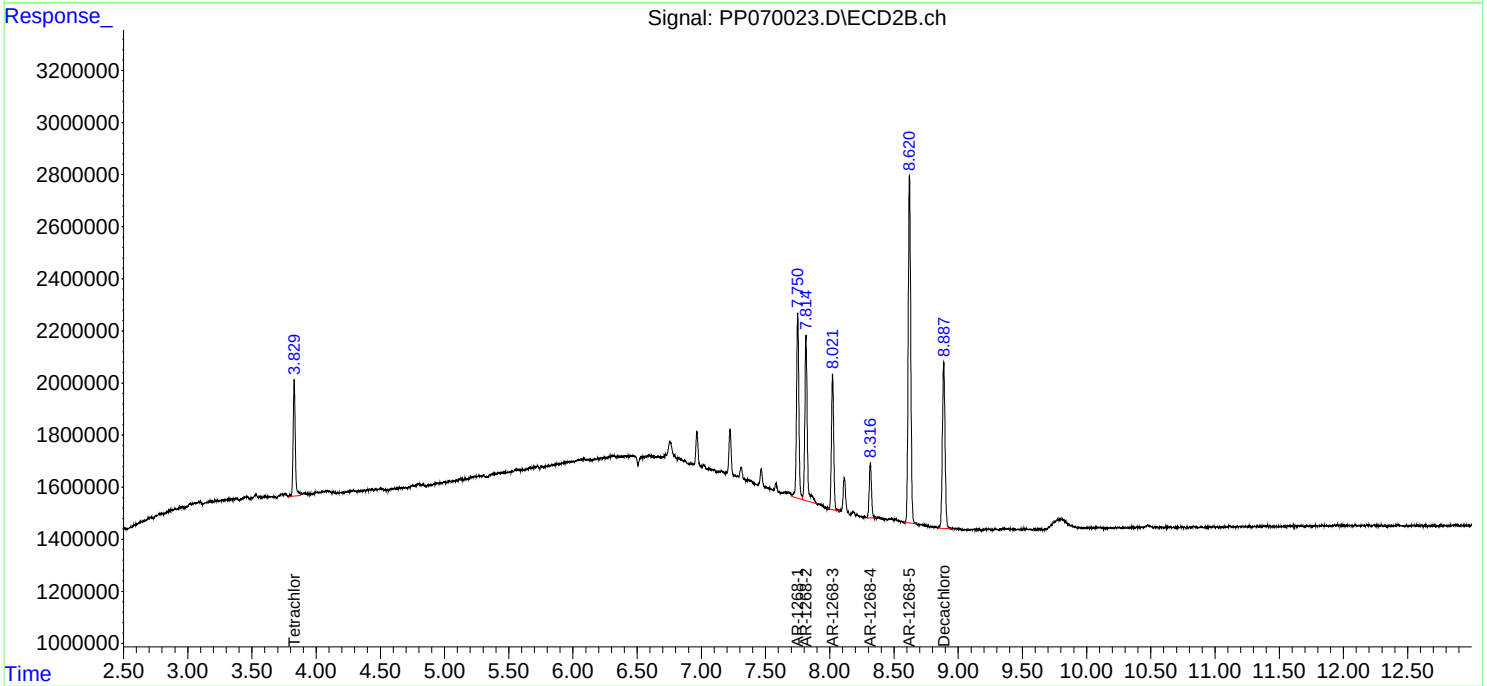
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:27:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 22:34
Operator : YP\AJ
Sample : PP022425ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP022425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:04:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.526 | 3.829 | 75692089 | 47027481 | 49.361 | 49.361 |
| 2) | SA Decachlor... | 10.254 | 8.887 | 59599251 | 53753406 | 51.134 | 48.069 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.679 | 4.919 | 25666490 | 16486171 | 513.653 | 490.851 |
| 4) | L1 AR-1016-2 | 5.701 | 4.938 | 36554541 | 22908896 | 500.808 | 487.588 |
| 5) | L1 AR-1016-3 | 5.763 | 5.115 | 22601401 | 12562885 | 500.618 | 486.627 |
| 6) | L1 AR-1016-4 | 5.861 | 5.157 | 18541854 | 10091335 | 493.666 | 490.219 |
| 7) | L1 AR-1016-5 | 6.154 | 5.372 | 17442261 | 12977068 | 511.983 | 489.029 |
| 31) | L7 AR-1260-1 | 7.274 | 6.410 | 30379600 | 25016847 | 511.537 | 504.877 |
| 32) | L7 AR-1260-2 | 7.527 | 6.598 | 40230175 | 33434416 | 498.436 | 516.595 |
| 33) | L7 AR-1260-3 | 7.886 | 6.753 | 32998196 | 28487900 | 515.501 | 497.510 |
| 34) | L7 AR-1260-4 | 8.110 | 7.225 | 32484934 | 24115126 | 514.479 | 496.042 |
| 35) | L7 AR-1260-5 | 8.431 | 7.466 | 68660770 | 59424903 | 509.333 | 496.894 |

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

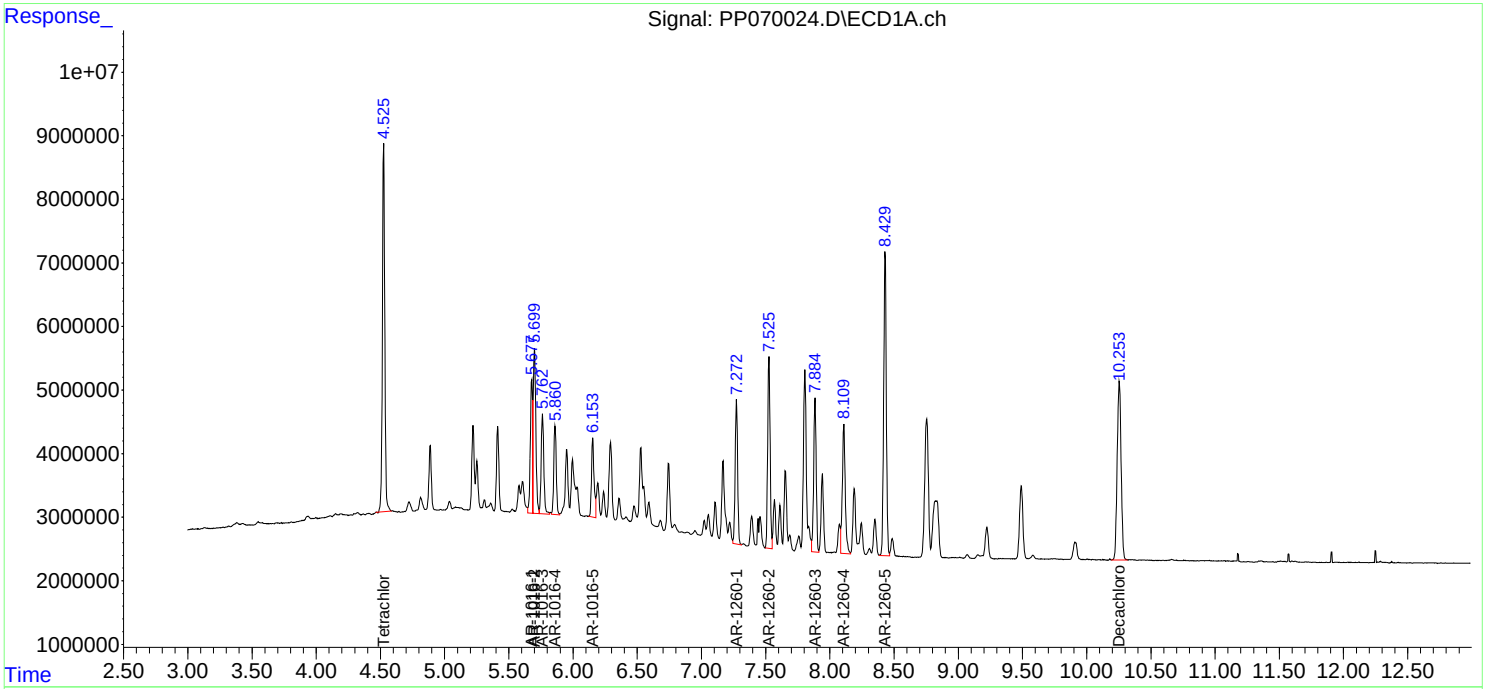
ICAL Form

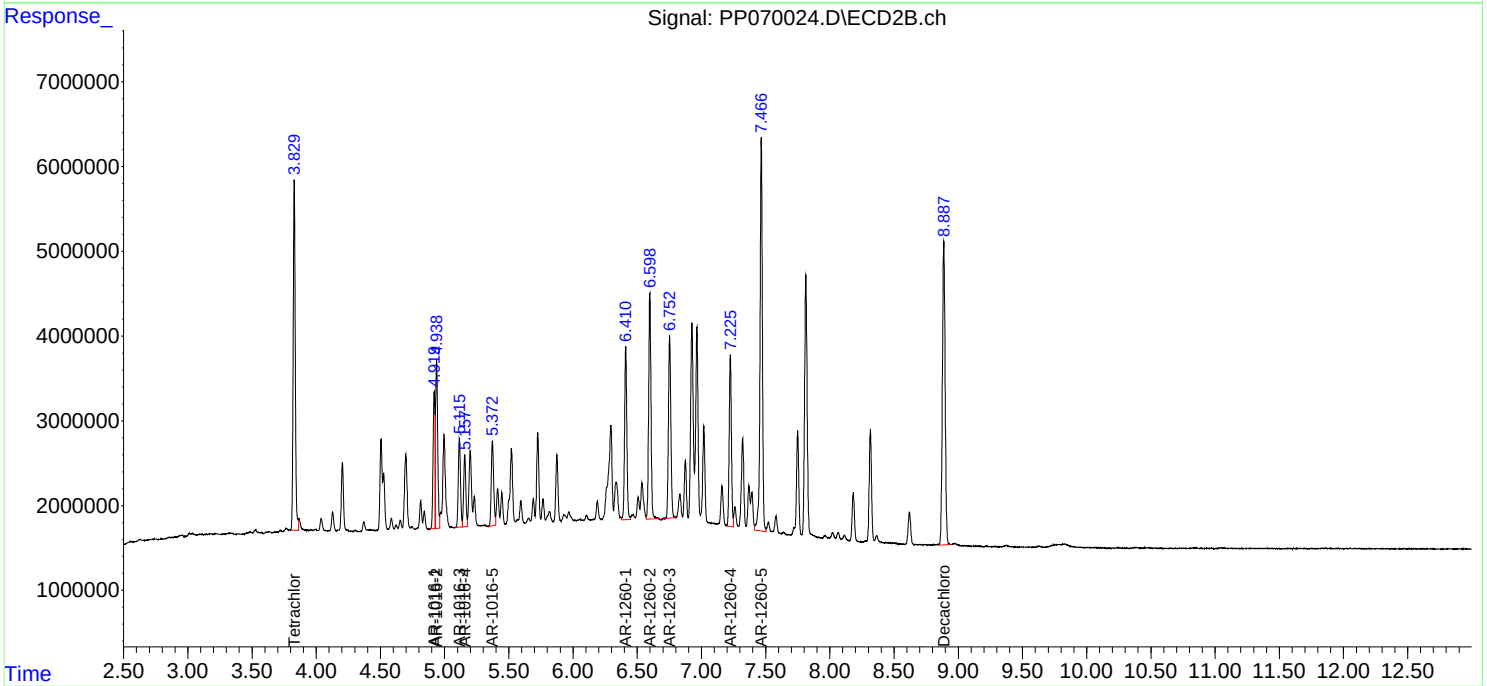
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 22:34
Operator : YP\AJ
Sample : PP022425ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP022425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:04:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:02:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 22:50
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP022425AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:25:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.523 | 3.830 | 75972414 | 47320786 | 51.773 | 49.338 |
| 2) | SA Decachlor... | 10.252 | 8.887 | 56608358 | 53341450 | 51.479 | 52.424 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.677 | 4.920 | 21310655 | 14394025 | 512.686 | 516.871 |
| 17) | L4 AR-1242-2 | 5.698 | 4.939 | 30783100 | 19970694 | 510.256 | 518.182 |
| 18) | L4 AR-1242-3 | 5.760 | 5.116 | 19012156 | 11248595 | 493.459 | 535.720 |
| 19) | L4 AR-1242-4 | 5.858 | 5.200 | 15670837 | 10692666 | 489.437 | 535.480 |
| 20) | L4 AR-1242-5 | 6.589 | 5.726 | 18864781 | 13650655 | 532.456 | 517.735 |

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

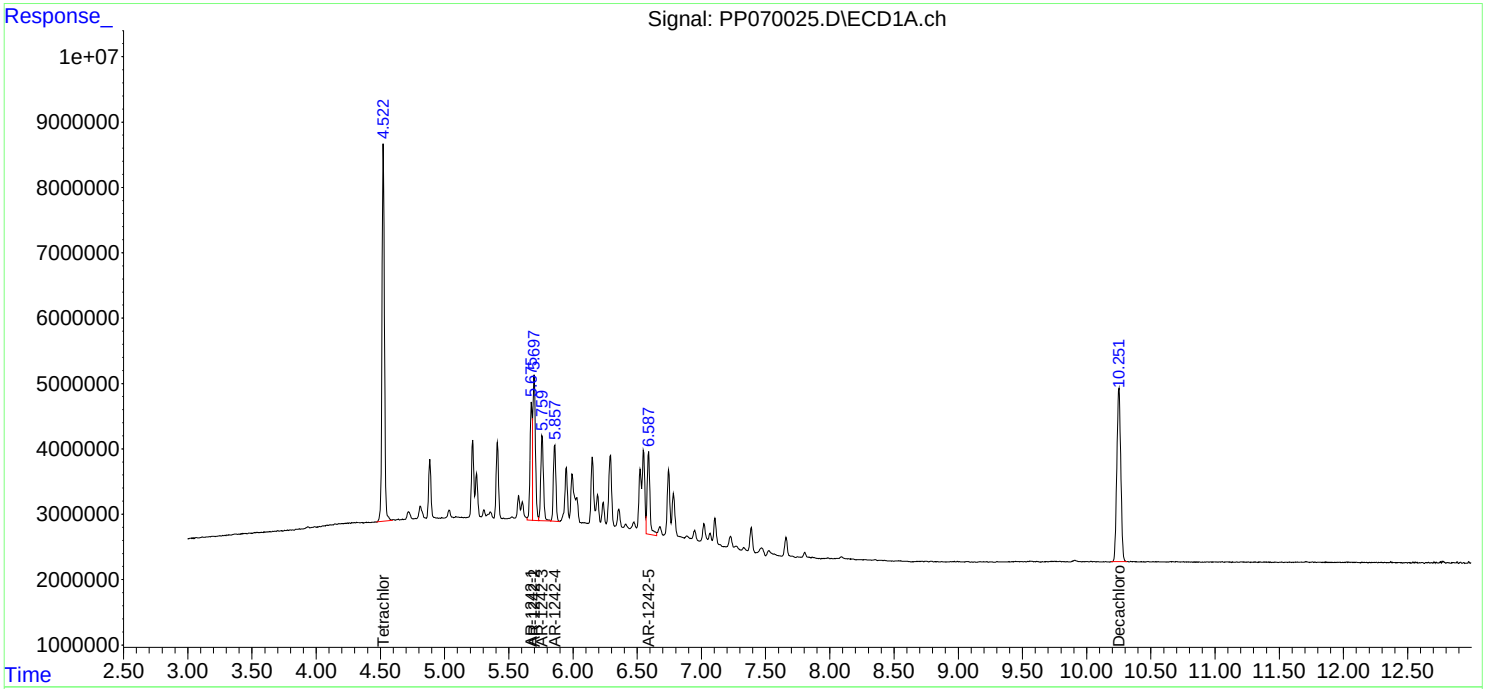
ICAL Form

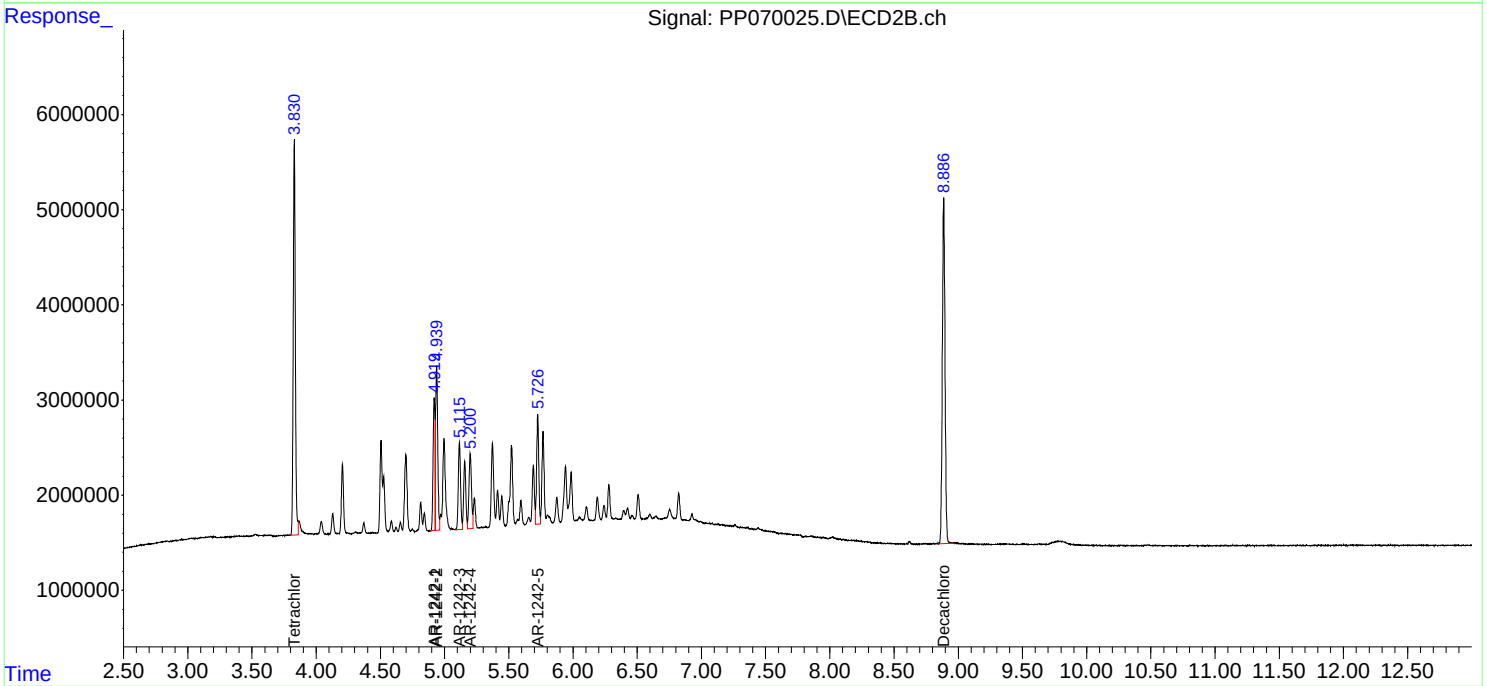
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 22:50
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP022425AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:25:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:23:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 23:06
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP022425AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:38:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:36:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.528 | 3.829 | 75407422 | 49577243 | 50.884 | 51.783 |
| 2) | SA Decachlor... | 10.257 | 8.887 | 56421899 | 53068816 | 50.377 | 52.864 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.681 | 4.919 | 16609396 | 11084604 | 510.131 | 500.246 |
| 22) | L5 AR-1248-2 | 5.953 | 5.158 | 21925878 | 14571155 | 511.519 | 502.749 |
| 23) | L5 AR-1248-3 | 6.156 | 5.200 | 23880559 | 15235962 | 508.659 | 506.377 |
| 24) | L5 AR-1248-4 | 6.555 | 5.372 | 29754915 | 17720481 | 507.412 | 502.198 |
| 25) | L5 AR-1248-5 | 6.594 | 5.767 | 29363962 | 18130727 | 516.110 | 502.371 |

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

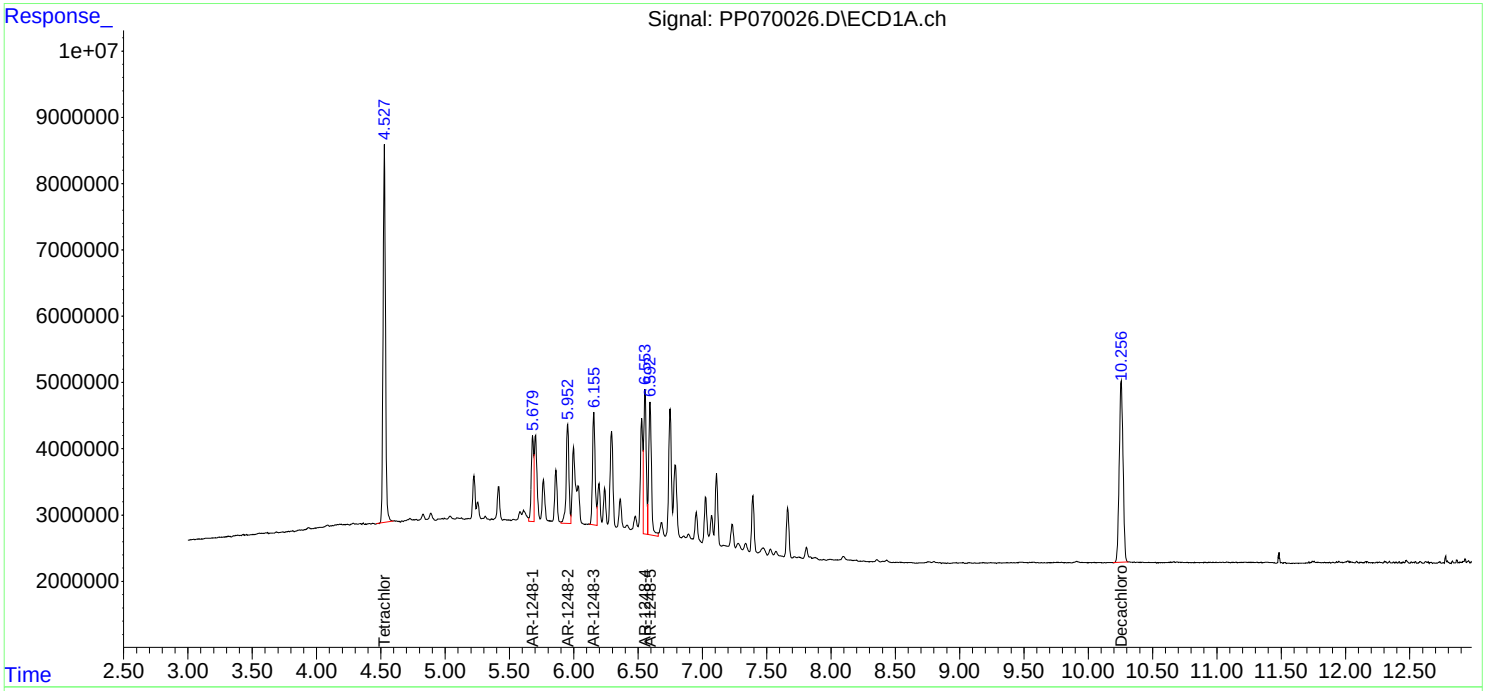
ICAL Form

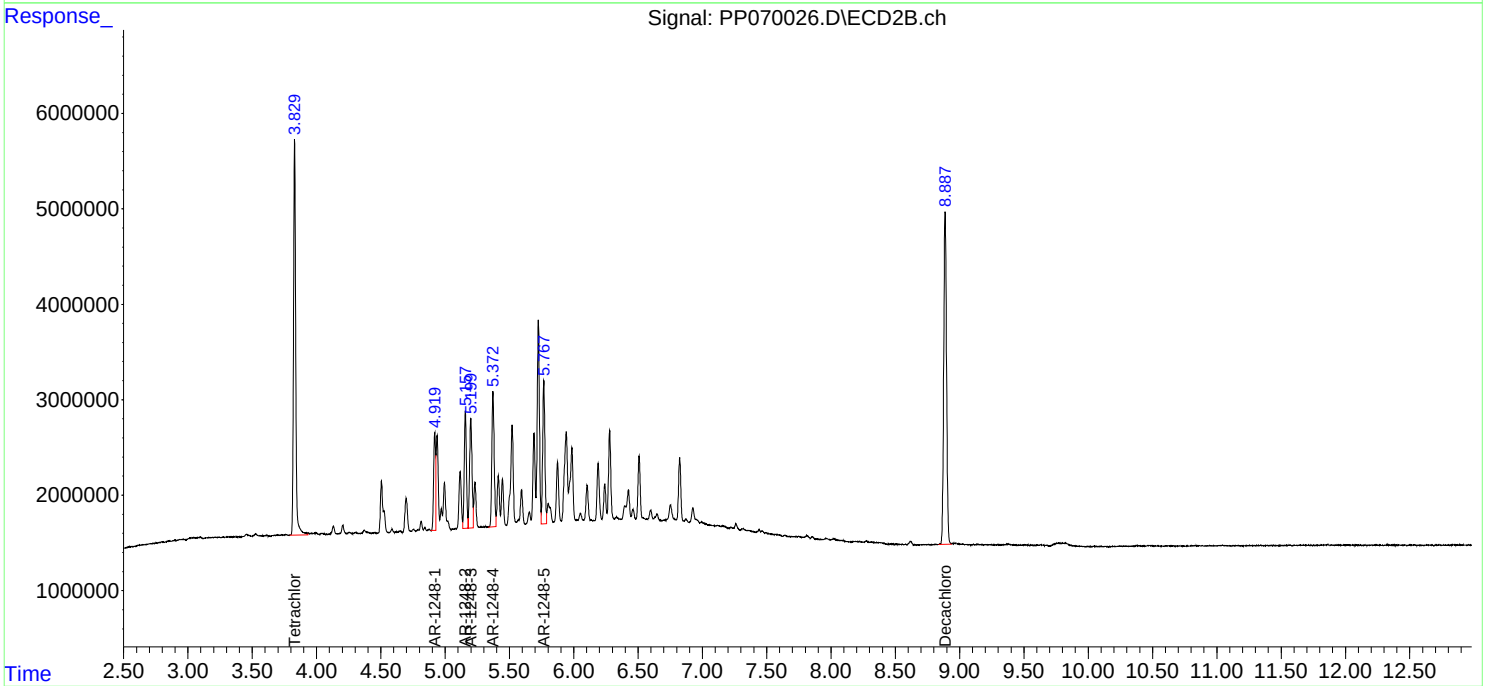
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 23:06
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP022425AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:38:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 01:36:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070027.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 23:22
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP022425AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:03:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.526 | 3.830 | 77660625 | 50969132 | 49.934 | 51.404 |
| 2) | SA Decachlor... | 10.253 | 8.887 | 58837660 | 53434810 | 48.156 | 46.645 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.529 | 5.726 | 31650110 | 27652735 | 522.088 | 495.991 |
| 27) | L6 AR-1254-2 | 6.745 | 5.874 | 43660673 | 24645815 | 501.928 | 497.108 |
| 28) | L6 AR-1254-3 | 7.107 | 6.279 | 44651363 | 38791765 | 509.477 | 491.774 |
| 29) | L6 AR-1254-4 | 7.389 | 6.507 | 36312560 | 25589145 | 494.362 | 471.693 |
| 30) | L6 AR-1254-5 | 7.806 | 6.926 | 35741699 | 34549263 | 513.376 | 475.252 |

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

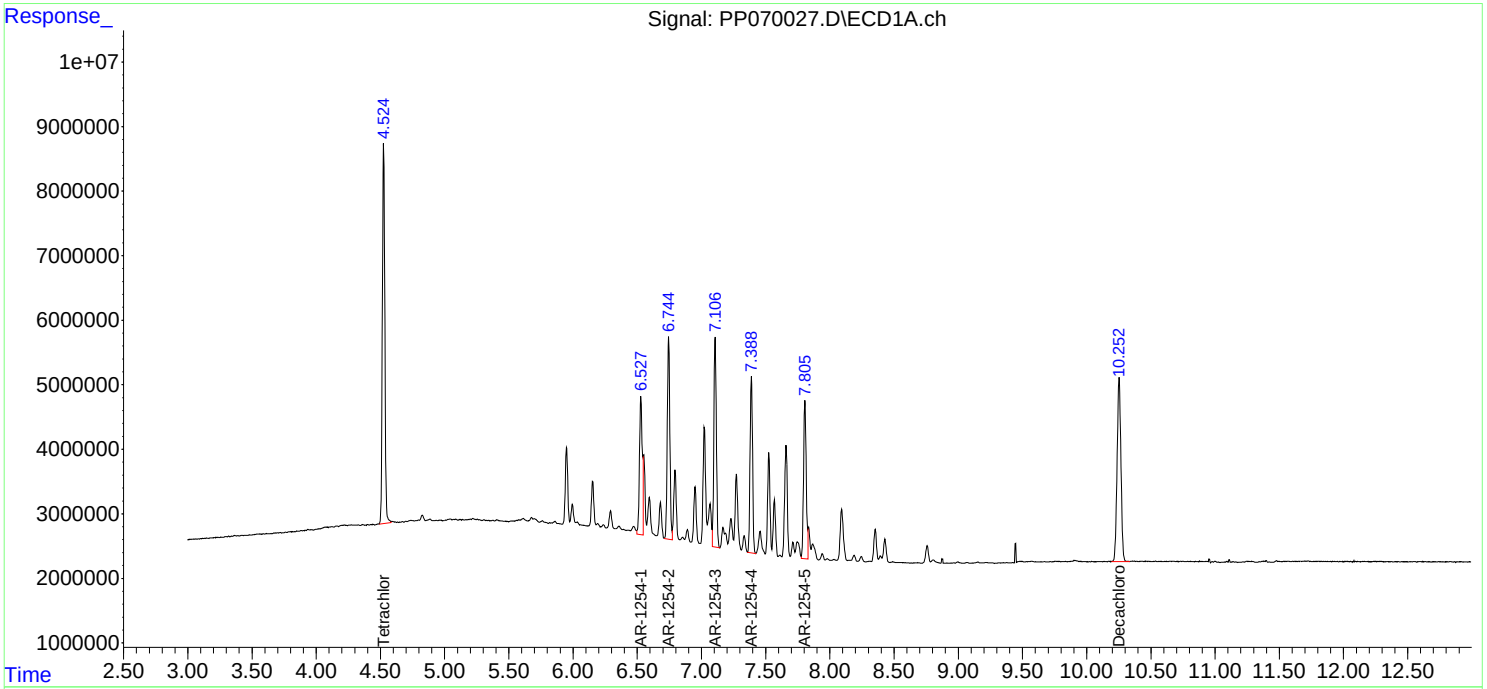
ICAL Form

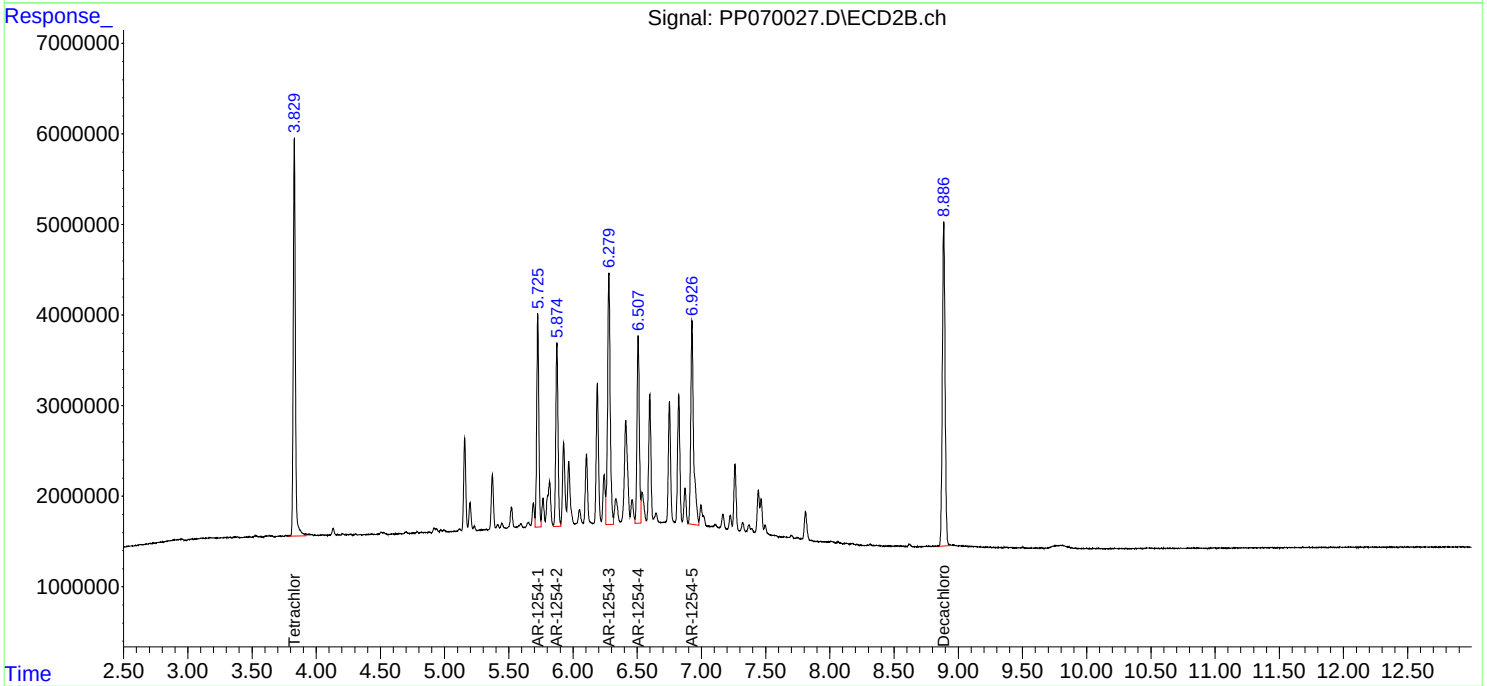
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070027.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 23:22
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP022425AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:03:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:00:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 23:38
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP022425AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:27:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.526 | 3.829 | 79556222 | 51523954 | 51.906 | 51.737 |
| 2) | SA Decachlor... | 10.255 | 8.886 | 98980120 | 88220218 | 51.646 | 52.301 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.746 | 7.749 | 100.1E6 | 81097492 | 517.146 | 508.228 |
| 42) | L9 AR-1268-2 | 8.840 | 7.814 | 87134429 | 69999398 | 517.710 | 509.812 |
| 43) | L9 AR-1268-3 | 9.073 | 8.021 | 75244319 | 62177289 | 517.546 | 516.121 |
| 44) | L9 AR-1268-4 | 9.492 | 8.315 | 33263949 | 27975062 | 516.861 | 528.688 |
| 45) | L9 AR-1268-5 | 9.911 | 8.620 | 214.3E6 | 189.4E6 | 512.185 | 550.447 |

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

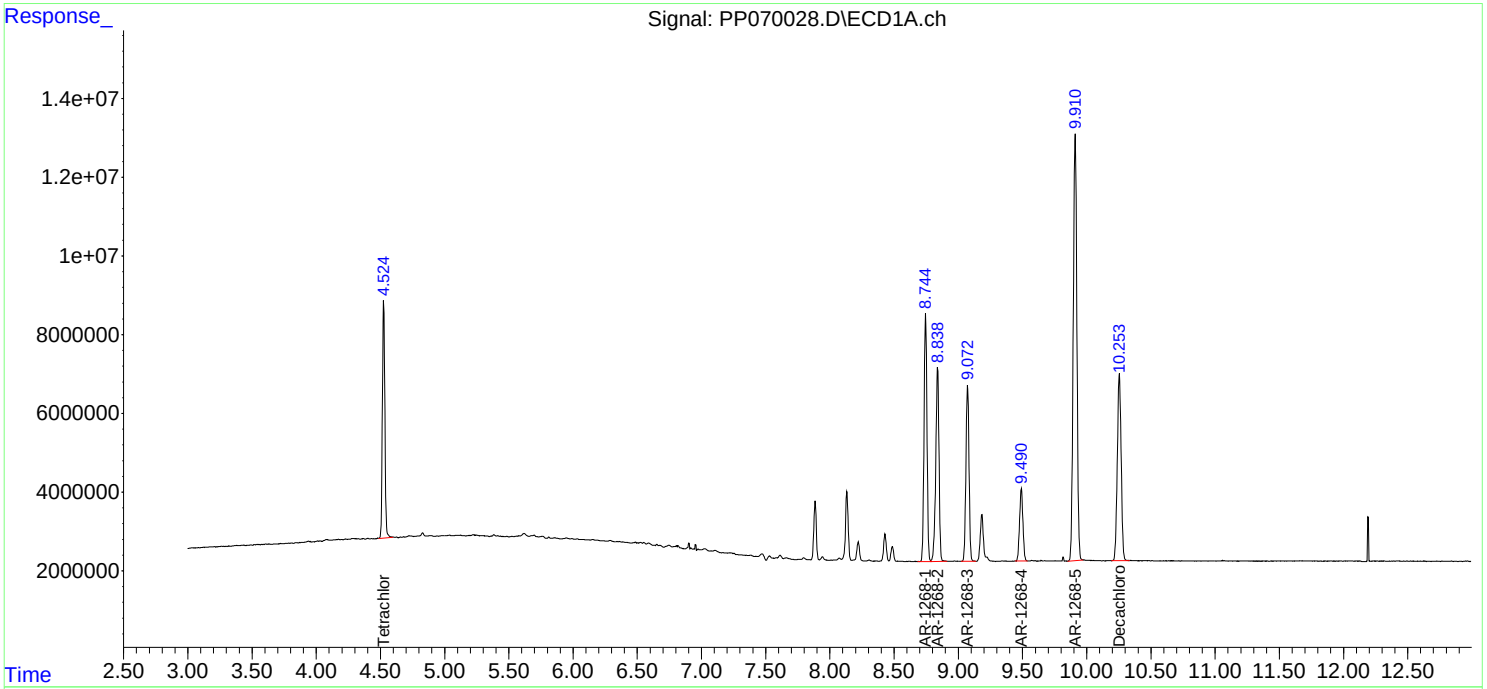
ICAL Form

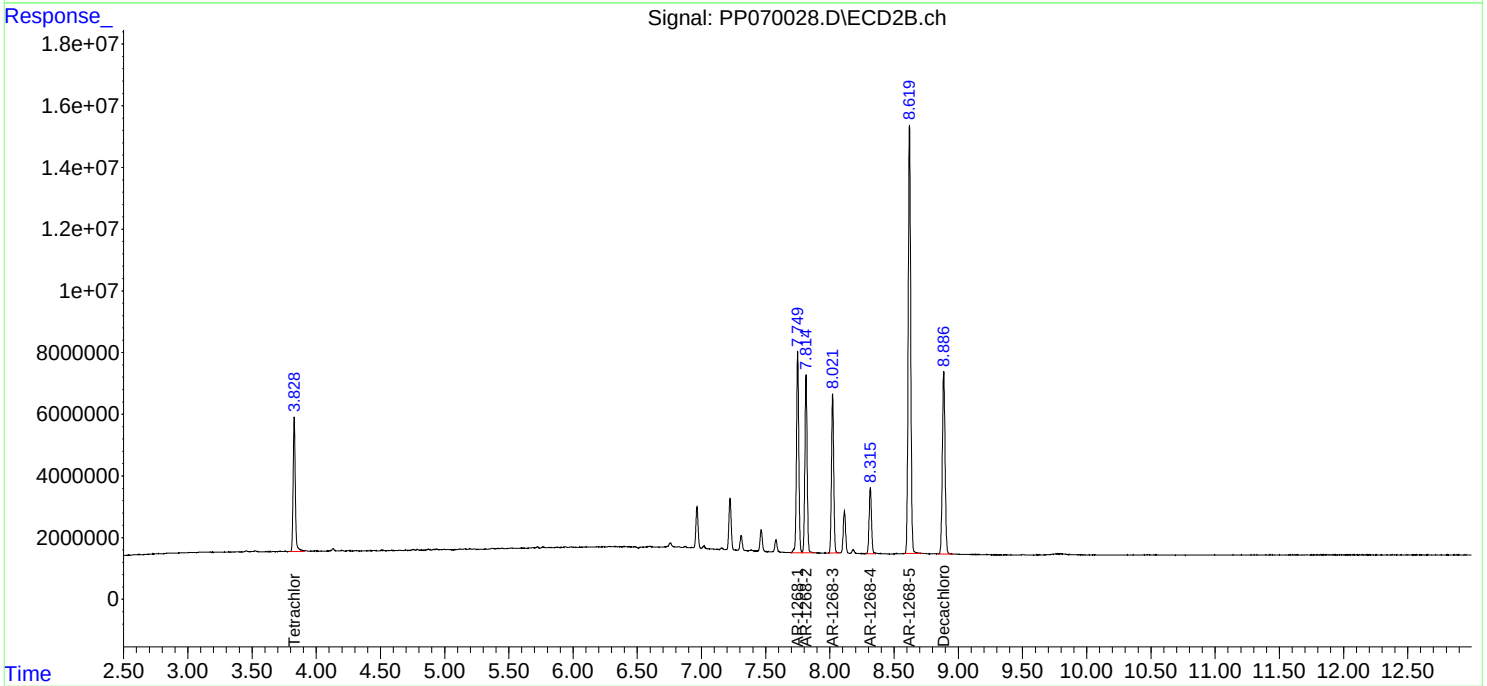
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP070028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 23:38
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP022425AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:27:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 04:25:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PO109533.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 02/27/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

**Continuing Calib Time:** 17:49 **Initial Calibration Time(s):** 16:46 01:02

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.79 | 4.79 | 4.69 | 4.89 | 0.00 |
| Aroclor-1016-2 | (2) | 4.81 | 4.81 | 4.71 | 4.91 | 0.00 |
| Aroclor-1016-3 | (3) | 4.87 | 4.87 | 4.77 | 4.97 | 0.00 |
| Aroclor-1016-4 | (4) | 4.99 | 4.99 | 4.89 | 5.09 | 0.00 |
| Aroclor-1016-5 | (5) | 5.25 | 5.25 | 5.15 | 5.35 | 0.01 |
| Aroclor-1260-1 | (1) | 6.29 | 6.29 | 6.19 | 6.39 | 0.00 |
| Aroclor-1260-2 | (2) | 6.48 | 6.48 | 6.38 | 6.58 | 0.00 |
| Aroclor-1260-3 | (3) | 6.85 | 6.85 | 6.75 | 6.95 | 0.01 |
| Aroclor-1260-4 | (4) | 7.11 | 7.11 | 7.01 | 7.21 | 0.00 |
| Aroclor-1260-5 | (5) | 7.35 | 7.35 | 7.25 | 7.45 | 0.00 |
| Tetrachloro-m-xylene | | 3.70 | 3.70 | 3.60 | 3.80 | 0.00 |
| Decachlorobiphenyl | | 8.76 | 8.76 | 8.66 | 8.86 | 0.00 |

Raw Data: **PO109533.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 02/27/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

**Continuing Calib Time:** 17:49 **Initial Calibration Time(s):** 16:46 01:02

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.78 | 4.78 | 4.68 | 4.88 | 0.00 |
| Aroclor-1016-2 | (2) | 4.80 | 4.80 | 4.70 | 4.90 | 0.00 |
| Aroclor-1016-3 | (3) | 4.97 | 4.97 | 4.87 | 5.07 | 0.00 |
| Aroclor-1016-4 | (4) | 5.02 | 5.01 | 4.91 | 5.11 | -0.01 |
| Aroclor-1016-5 | (5) | 5.23 | 5.23 | 5.13 | 5.33 | 0.00 |
| Aroclor-1260-1 | (1) | 6.26 | 6.26 | 6.16 | 6.36 | 0.00 |
| Aroclor-1260-2 | (2) | 6.45 | 6.45 | 6.35 | 6.55 | 0.00 |
| Aroclor-1260-3 | (3) | 6.60 | 6.60 | 6.50 | 6.70 | 0.00 |
| Aroclor-1260-4 | (4) | 7.08 | 7.07 | 6.97 | 7.17 | 0.00 |
| Aroclor-1260-5 | (5) | 7.32 | 7.31 | 7.21 | 7.41 | -0.01 |
| Tetrachloro-m-xylene | | 3.70 | 3.69 | 3.59 | 3.79 | -0.01 |
| Decachlorobiphenyl | | 8.71 | 8.71 | 8.61 | 8.81 | 0.00 |

Raw Data: **PO109533.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 02/27/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO109533.D **Time Analyzed:** 17:49

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.791 | 4.691 | 4.891 | 506.740 | 500.000 | 1.3 |
| Aroclor-1016-2 | 4.811 | 4.711 | 4.911 | 506.890 | 500.000 | 1.4 |
| Aroclor-1016-3 | 4.867 | 4.767 | 4.967 | 504.160 | 500.000 | 0.8 |
| Aroclor-1016-4 | 4.988 | 4.888 | 5.088 | 502.480 | 500.000 | 0.5 |
| Aroclor-1016-5 | 5.245 | 5.145 | 5.345 | 480.720 | 500.000 | -3.9 |
| Aroclor-1260-1 | 6.287 | 6.188 | 6.388 | 476.100 | 500.000 | -4.8 |
| Aroclor-1260-2 | 6.476 | 6.377 | 6.577 | 466.060 | 500.000 | -6.8 |
| Aroclor-1260-3 | 6.845 | 6.746 | 6.946 | 439.850 | 500.000 | -12.0 |
| Aroclor-1260-4 | 7.105 | 7.005 | 7.205 | 434.850 | 500.000 | -13.0 |
| Aroclor-1260-5 | 7.347 | 7.247 | 7.447 | 428.000 | 500.000 | -14.4 |
| Decachlorobiphenyl | 8.756 | 8.657 | 8.857 | 39.490 | 50.000 | -21.0 |
| Tetrachloro-m-xylene | 3.697 | 3.598 | 3.798 | 49.320 | 50.000 | -1.4 |

Raw Data: **PO109533.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 02/27/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO109533.D **Time Analyzed:** 17:49

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.779 | 4.678 | 4.878 | 553.210 | 500.000 | 10.6 |
| Aroclor-1016-2 | 4.799 | 4.697 | 4.897 | 559.460 | 500.000 | 11.9 |
| Aroclor-1016-3 | 4.974 | 4.872 | 5.072 | 559.210 | 500.000 | 11.8 |
| Aroclor-1016-4 | 5.016 | 4.914 | 5.114 | 537.920 | 500.000 | 7.6 |
| Aroclor-1016-5 | 5.229 | 5.127 | 5.327 | 534.530 | 500.000 | 6.9 |
| Aroclor-1260-1 | 6.263 | 6.161 | 6.361 | 500.020 | 500.000 | 0.0 |
| Aroclor-1260-2 | 6.450 | 6.348 | 6.548 | 504.790 | 500.000 | 1.0 |
| Aroclor-1260-3 | 6.603 | 6.502 | 6.702 | 495.560 | 500.000 | -0.9 |
| Aroclor-1260-4 | 7.075 | 6.974 | 7.174 | 480.720 | 500.000 | -3.9 |
| Aroclor-1260-5 | 7.316 | 7.214 | 7.414 | 501.850 | 500.000 | 0.4 |
| Decachlorobiphenyl | 8.708 | 8.607 | 8.807 | 46.250 | 50.000 | -7.5 |
| Tetrachloro-m-xylene | 3.696 | 3.594 | 3.794 | 54.640 | 50.000 | 9.3 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 17:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:21:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.696 | 466.8E6 | 286.0E6 | 49.321 | 54.644 |
| 2) | SA Decachlor... | 8.756 | 8.708 | 339.7E6 | 147.3E6 | 39.489 | 46.246 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.791 | 4.779 | 156.2E6 | 86394694 | 506.735 | 553.207 |
| 4) | L1 AR-1016-2 | 4.811 | 4.799 | 213.4E6 | 121.1E6 | 506.893 | 559.462 |
| 5) | L1 AR-1016-3 | 4.867 | 4.974 | 149.1E6 | 66798607 | 504.155 | 559.212 |
| 6) | L1 AR-1016-4 | 4.988 | 5.016 | 116.5E6 | 55981902 | 502.483 | 537.923 |
| 7) | L1 AR-1016-5 | 5.245 | 5.229 | 124.1E6 | 72831025 | 480.716 | 534.526 |
| 31) | L7 AR-1260-1 | 6.287 | 6.263 | 221.9E6 | 118.5E6 | 476.105 | 500.018 |
| 32) | L7 AR-1260-2 | 6.476 | 6.450 | 263.4E6 | 138.9E6 | 466.058 | 504.792 |
| 33) | L7 AR-1260-3 | 6.845 | 6.603 | 209.2E6 | 126.4E6 | 439.845 | 495.562 |
| 34) | L7 AR-1260-4 | 7.105 | 7.075 | 187.7E6 | 99119965 | 434.855 | 480.716 |
| 35) | L7 AR-1260-5 | 7.347 | 7.316 | 425.4E6 | 224.7E6 | 428.001 | 501.850 |

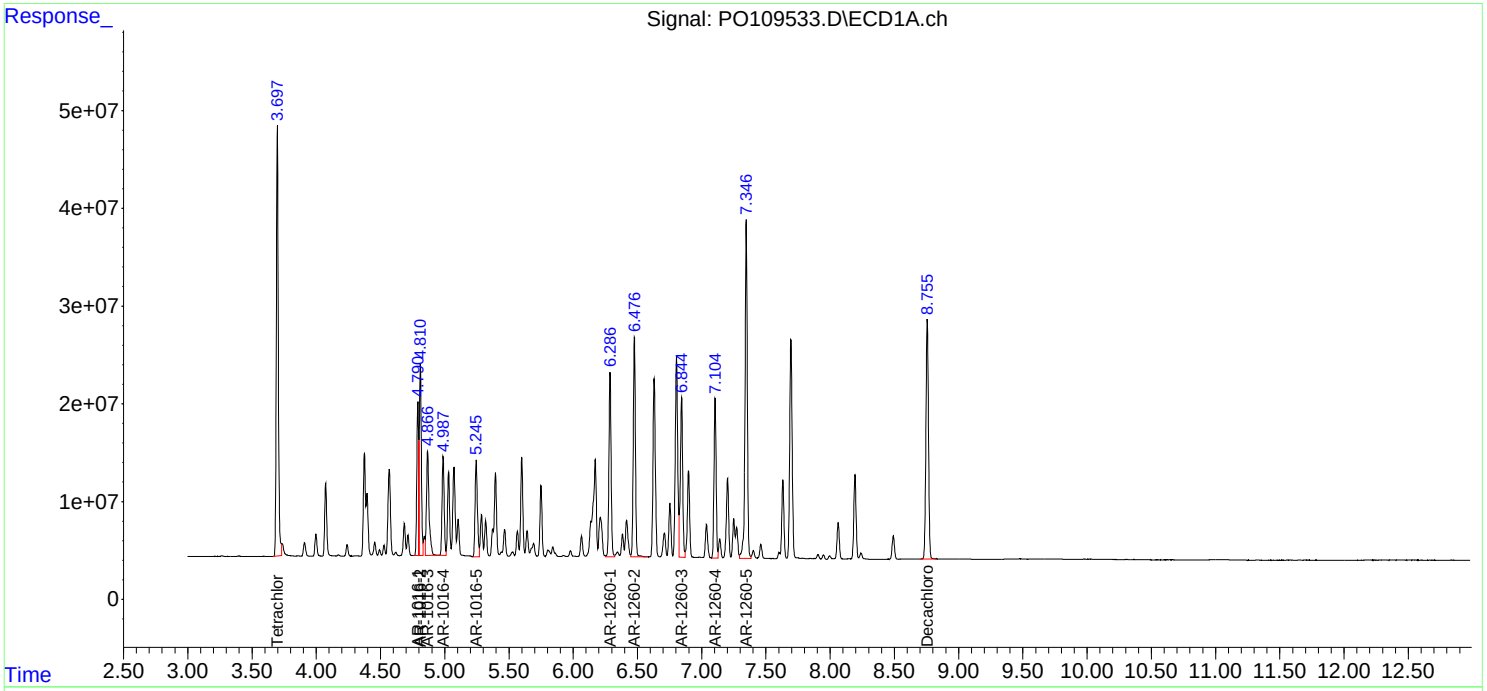
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

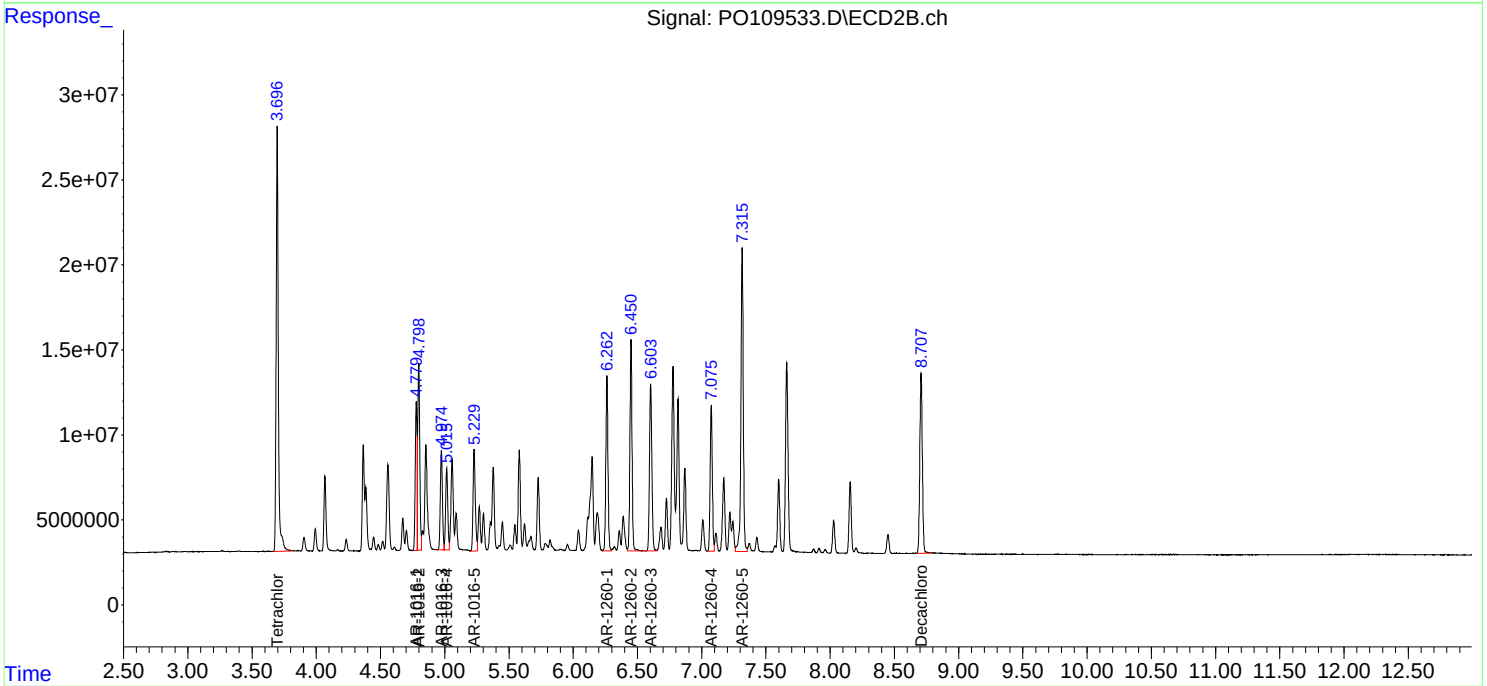
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 17:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:21:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PO109548.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 02/28/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

**Continuing Calib Time:** 00:02 **Initial Calibration Time(s):** 16:46 01:02

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.79 | 4.79 | 4.69 | 4.89 | 0.00 |
| Aroclor-1016-2 | (2) | 4.81 | 4.81 | 4.71 | 4.91 | 0.00 |
| Aroclor-1016-3 | (3) | 4.87 | 4.87 | 4.77 | 4.97 | 0.00 |
| Aroclor-1016-4 | (4) | 4.99 | 4.99 | 4.89 | 5.09 | 0.00 |
| Aroclor-1016-5 | (5) | 5.25 | 5.25 | 5.15 | 5.35 | 0.01 |
| Aroclor-1260-1 | (1) | 6.29 | 6.29 | 6.19 | 6.39 | 0.00 |
| Aroclor-1260-2 | (2) | 6.48 | 6.48 | 6.38 | 6.58 | 0.00 |
| Aroclor-1260-3 | (3) | 6.85 | 6.85 | 6.75 | 6.95 | 0.01 |
| Aroclor-1260-4 | (4) | 7.11 | 7.11 | 7.01 | 7.21 | 0.00 |
| Aroclor-1260-5 | (5) | 7.35 | 7.35 | 7.25 | 7.45 | 0.00 |
| Tetrachloro-m-xylene | | 3.70 | 3.70 | 3.60 | 3.80 | 0.00 |
| Decachlorobiphenyl | | 8.76 | 8.76 | 8.66 | 8.86 | 0.00 |

Raw Data: **PO109548.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 02/28/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

**Continuing Calib Time:** 00:02 **Initial Calibration Time(s):** 16:46 01:02

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.78 | 4.78 | 4.68 | 4.88 | 0.00 |
| Aroclor-1016-2 | (2) | 4.80 | 4.80 | 4.70 | 4.90 | 0.00 |
| Aroclor-1016-3 | (3) | 4.97 | 4.97 | 4.87 | 5.07 | 0.00 |
| Aroclor-1016-4 | (4) | 5.02 | 5.01 | 4.91 | 5.11 | 0.00 |
| Aroclor-1016-5 | (5) | 5.23 | 5.23 | 5.13 | 5.33 | 0.00 |
| Aroclor-1260-1 | (1) | 6.26 | 6.26 | 6.16 | 6.36 | 0.00 |
| Aroclor-1260-2 | (2) | 6.45 | 6.45 | 6.35 | 6.55 | 0.00 |
| Aroclor-1260-3 | (3) | 6.60 | 6.60 | 6.50 | 6.70 | 0.00 |
| Aroclor-1260-4 | (4) | 7.08 | 7.07 | 6.97 | 7.17 | 0.00 |
| Aroclor-1260-5 | (5) | 7.32 | 7.31 | 7.21 | 7.41 | -0.01 |
| Tetrachloro-m-xylene | | 3.70 | 3.69 | 3.59 | 3.79 | 0.00 |
| Decachlorobiphenyl | | 8.71 | 8.71 | 8.61 | 8.81 | 0.00 |

Raw Data: **PO109548.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 02/28/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO109548.D **Time Analyzed:** 00:02

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.792 | 4.691 | 4.891 | 495.600 | 500.000 | -0.9 |
| Aroclor-1016-2 | 4.811 | 4.711 | 4.911 | 499.510 | 500.000 | -0.1 |
| Aroclor-1016-3 | 4.867 | 4.767 | 4.967 | 491.200 | 500.000 | -1.8 |
| Aroclor-1016-4 | 4.988 | 4.888 | 5.088 | 487.140 | 500.000 | -2.6 |
| Aroclor-1016-5 | 5.245 | 5.145 | 5.345 | 478.990 | 500.000 | -4.2 |
| Aroclor-1260-1 | 6.288 | 6.188 | 6.388 | 473.590 | 500.000 | -5.3 |
| Aroclor-1260-2 | 6.476 | 6.377 | 6.577 | 444.830 | 500.000 | -11.0 |
| Aroclor-1260-3 | 6.845 | 6.746 | 6.946 | 422.900 | 500.000 | -15.4 |
| Aroclor-1260-4 | 7.105 | 7.005 | 7.205 | 421.070 | 500.000 | -15.8 |
| Aroclor-1260-5 | 7.347 | 7.247 | 7.447 | 428.290 | 500.000 | -14.3 |
| Decachlorobiphenyl | 8.755 | 8.657 | 8.857 | 39.430 | 50.000 | -21.1 |
| Tetrachloro-m-xylene | 3.698 | 3.598 | 3.798 | 49.160 | 50.000 | -1.7 |

Raw Data: **PO109548.D**

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## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 02/28/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO109548.D **Time Analyzed:** 00:02

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.779 | 4.678 | 4.878 | 550.950 | 500.000 | 10.2 |
| Aroclor-1016-2 | 4.798 | 4.697 | 4.897 | 554.860 | 500.000 | 11.0 |
| Aroclor-1016-3 | 4.974 | 4.872 | 5.072 | 550.190 | 500.000 | 10.0 |
| Aroclor-1016-4 | 5.015 | 4.914 | 5.114 | 513.690 | 500.000 | 2.7 |
| Aroclor-1016-5 | 5.229 | 5.127 | 5.327 | 539.180 | 500.000 | 7.8 |
| Aroclor-1260-1 | 6.262 | 6.161 | 6.361 | 504.870 | 500.000 | 1.0 |
| Aroclor-1260-2 | 6.449 | 6.348 | 6.548 | 505.070 | 500.000 | 1.0 |
| Aroclor-1260-3 | 6.603 | 6.502 | 6.702 | 493.490 | 500.000 | -1.3 |
| Aroclor-1260-4 | 7.075 | 6.974 | 7.174 | 488.450 | 500.000 | -2.3 |
| Aroclor-1260-5 | 7.315 | 7.214 | 7.414 | 496.860 | 500.000 | -0.6 |
| Decachlorobiphenyl | 8.708 | 8.607 | 8.807 | 45.170 | 50.000 | -9.7 |
| Tetrachloro-m-xylene | 3.695 | 3.594 | 3.794 | 54.270 | 50.000 | 8.5 |

Quantitation Report (QT Reviewed)

Sample Results: **PO109548.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109548.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 00:02
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:27:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.698 | 3.695 | 465.3E6 | 284.1E6 | 49.162 | 54.270 |
| 2) | SA Decachlor... | 8.755 | 8.708 | 339.2E6 | 143.8E6 | 39.429 | 45.168 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.792 | 4.779 | 152.8E6 | 86042352 | 495.601 | 550.951 |
| 4) | L1 AR-1016-2 | 4.811 | 4.798 | 210.3E6 | 120.1E6 | 499.509 | 554.856 |
| 5) | L1 AR-1016-3 | 4.867 | 4.974 | 145.3E6 | 65720662 | 491.201 | 550.188 |
| 6) | L1 AR-1016-4 | 4.988 | 5.015 | 112.9E6 | 53460503 | 487.145 | 513.695 |
| 7) | L1 AR-1016-5 | 5.245 | 5.229 | 123.7E6 | 73465605 | 478.985 | 539.183 |
| 31) | L7 AR-1260-1 | 6.288 | 6.262 | 220.8E6 | 119.6E6 | 473.590 | 504.871 |
| 32) | L7 AR-1260-2 | 6.476 | 6.449 | 251.4E6 | 139.0E6 | 444.835 | 505.066 |
| 33) | L7 AR-1260-3 | 6.845 | 6.603 | 201.2E6 | 125.9E6 | 422.901 | 493.494 |
| 34) | L7 AR-1260-4 | 7.105 | 7.075 | 181.7E6 | 100.7E6 | 421.066 | 488.451 |
| 35) | L7 AR-1260-5 | 7.347 | 7.315 | 425.7E6 | 222.5E6 | 428.293 | 496.858 |

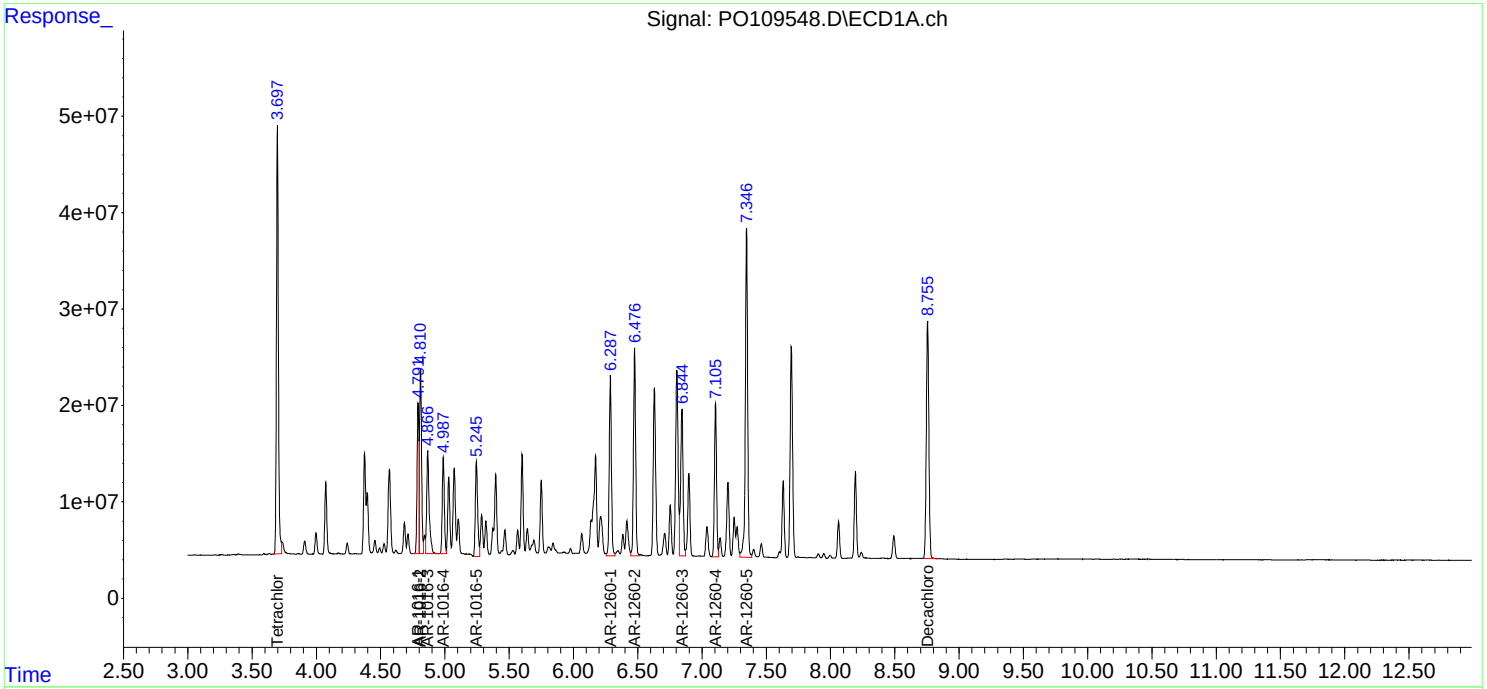
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

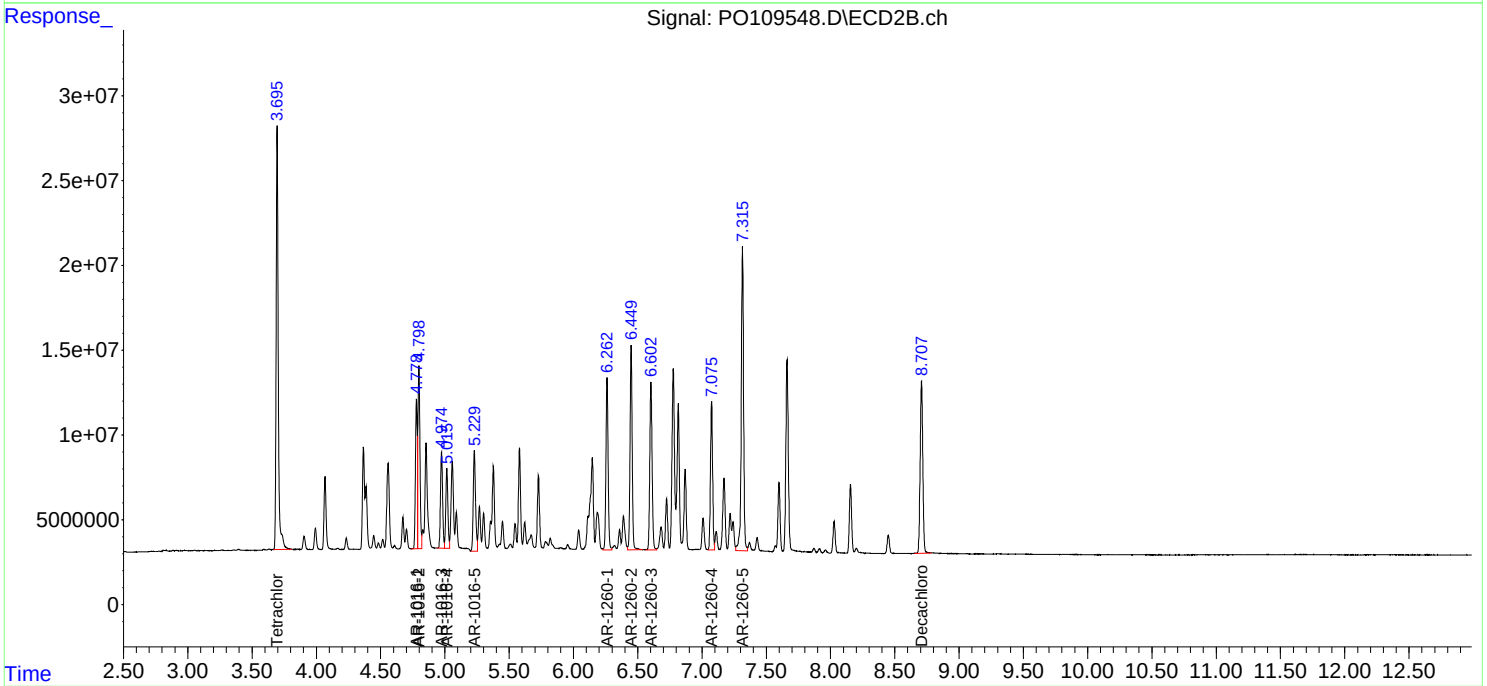
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109548.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 00:02
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:27:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PO109573.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 02/28/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

**Continuing Calib Time:** 08:19 **Initial Calibration Time(s):** 16:46 01:02

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.79 | 4.79 | 4.69 | 4.89 | 0.00 |
| Aroclor-1016-2 | (2) | 4.81 | 4.81 | 4.71 | 4.91 | 0.00 |
| Aroclor-1016-3 | (3) | 4.87 | 4.87 | 4.77 | 4.97 | 0.00 |
| Aroclor-1016-4 | (4) | 4.99 | 4.99 | 4.89 | 5.09 | 0.00 |
| Aroclor-1016-5 | (5) | 5.25 | 5.25 | 5.15 | 5.35 | 0.01 |
| Aroclor-1260-1 | (1) | 6.29 | 6.29 | 6.19 | 6.39 | 0.00 |
| Aroclor-1260-2 | (2) | 6.48 | 6.48 | 6.38 | 6.58 | 0.01 |
| Aroclor-1260-3 | (3) | 6.84 | 6.85 | 6.75 | 6.95 | 0.01 |
| Aroclor-1260-4 | (4) | 7.10 | 7.11 | 7.01 | 7.21 | 0.01 |
| Aroclor-1260-5 | (5) | 7.35 | 7.35 | 7.25 | 7.45 | 0.00 |
| Tetrachloro-m-xylene | | 3.70 | 3.70 | 3.60 | 3.80 | 0.00 |
| Decachlorobiphenyl | | 8.75 | 8.76 | 8.66 | 8.86 | 0.01 |

Raw Data: **PO109573.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 02/28/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

**Continuing Calib Time:** 08:19 **Initial Calibration Time(s):** 16:46 01:02

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.78 | 4.78 | 4.68 | 4.88 | 0.00 |
| Aroclor-1016-2 | (2) | 4.80 | 4.80 | 4.70 | 4.90 | 0.00 |
| Aroclor-1016-3 | (3) | 4.97 | 4.97 | 4.87 | 5.07 | 0.00 |
| Aroclor-1016-4 | (4) | 5.02 | 5.01 | 4.91 | 5.11 | 0.00 |
| Aroclor-1016-5 | (5) | 5.23 | 5.23 | 5.13 | 5.33 | 0.00 |
| Aroclor-1260-1 | (1) | 6.26 | 6.26 | 6.16 | 6.36 | 0.00 |
| Aroclor-1260-2 | (2) | 6.45 | 6.45 | 6.35 | 6.55 | 0.00 |
| Aroclor-1260-3 | (3) | 6.60 | 6.60 | 6.50 | 6.70 | 0.00 |
| Aroclor-1260-4 | (4) | 7.07 | 7.07 | 6.97 | 7.17 | 0.00 |
| Aroclor-1260-5 | (5) | 7.31 | 7.31 | 7.21 | 7.41 | 0.00 |
| Tetrachloro-m-xylene | | 3.70 | 3.69 | 3.59 | 3.79 | 0.00 |
| Decachlorobiphenyl | | 8.71 | 8.71 | 8.61 | 8.81 | 0.00 |

Raw Data: **PO109573.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 02/28/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO109573.D **Time Analyzed:** 08:19

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.790 | 4.691 | 4.891 | 529.190 | 500.000 | 5.8 |
| Aroclor-1016-2 | 4.810 | 4.711 | 4.911 | 531.530 | 500.000 | 6.3 |
| Aroclor-1016-3 | 4.866 | 4.767 | 4.967 | 525.270 | 500.000 | 5.1 |
| Aroclor-1016-4 | 4.987 | 4.888 | 5.088 | 527.920 | 500.000 | 5.6 |
| Aroclor-1016-5 | 5.245 | 5.145 | 5.345 | 524.260 | 500.000 | 4.9 |
| Aroclor-1260-1 | 6.287 | 6.188 | 6.388 | 490.460 | 500.000 | -1.9 |
| Aroclor-1260-2 | 6.475 | 6.377 | 6.577 | 480.290 | 500.000 | -3.9 |
| Aroclor-1260-3 | 6.843 | 6.746 | 6.946 | 459.530 | 500.000 | -8.1 |
| Aroclor-1260-4 | 7.104 | 7.005 | 7.205 | 451.610 | 500.000 | -9.7 |
| Aroclor-1260-5 | 7.346 | 7.247 | 7.447 | 455.290 | 500.000 | -8.9 |
| Decachlorobiphenyl | 8.753 | 8.657 | 8.857 | 40.920 | 50.000 | -18.2 |
| Tetrachloro-m-xylene | 3.697 | 3.598 | 3.798 | 51.950 | 50.000 | 3.9 |

Alliance TECHNICAL GROUP

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 02/28/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO109573.D **Time Analyzed:** 08:19

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.778 | 4.678 | 4.878 | 577.940 | 500.000 | 15.6 |
| Aroclor-1016-2 | 4.797 | 4.697 | 4.897 | 583.390 | 500.000 | 16.7 |
| Aroclor-1016-3 | 4.973 | 4.872 | 5.072 | 581.840 | 500.000 | 16.4 |
| Aroclor-1016-4 | 5.015 | 4.914 | 5.114 | 541.010 | 500.000 | 8.2 |
| Aroclor-1016-5 | 5.228 | 5.127 | 5.327 | 573.250 | 500.000 | 14.7 |
| Aroclor-1260-1 | 6.261 | 6.161 | 6.361 | 527.680 | 500.000 | 5.5 |
| Aroclor-1260-2 | 6.448 | 6.348 | 6.548 | 528.180 | 500.000 | 5.6 |
| Aroclor-1260-3 | 6.602 | 6.502 | 6.702 | 518.000 | 500.000 | 3.6 |
| Aroclor-1260-4 | 7.073 | 6.974 | 7.174 | 506.710 | 500.000 | 1.3 |
| Aroclor-1260-5 | 7.314 | 7.214 | 7.414 | 519.610 | 500.000 | 3.9 |
| Decachlorobiphenyl | 8.706 | 8.607 | 8.807 | 46.420 | 50.000 | -7.2 |
| Tetrachloro-m-xylene | 3.695 | 3.594 | 3.794 | 56.940 | 50.000 | 13.9 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 08:19
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 08:48:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.695 | 491.7E6 | 298.0E6 | 51.947 | 56.938 |
| 2) SA | Decachlor... | 8.753 | 8.706 | 352.0E6 | 147.8E6 | 40.923 | 46.421 |
| | Target Compounds | | | | | | |
| 3) L1 | AR-1016-1 | 4.790 | 4.778 | 163.1E6 | 90257617 | 529.186 | 577.943 |
| 4) L1 | AR-1016-2 | 4.810 | 4.797 | 223.8E6 | 126.3E6 | 531.529 | 583.395 |
| 5) L1 | AR-1016-3 | 4.866 | 4.973 | 155.4E6 | 69501126 | 525.274 | 581.837 |
| 6) L1 | AR-1016-4 | 4.987 | 5.015 | 122.4E6 | 56303446 | 527.923 | 541.012 |
| 7) L1 | AR-1016-5 | 5.245 | 5.228 | 135.4E6 | 78107054 | 524.264 | 573.248 |
| 31) L7 | AR-1260-1 | 6.287 | 6.261 | 228.6E6 | 125.0E6 | 490.460 | 527.676 |
| 32) L7 | AR-1260-2 | 6.475 | 6.448 | 271.4E6 | 145.3E6 | 480.291 | 528.176 |
| 33) L7 | AR-1260-3 | 6.843 | 6.602 | 218.6E6 | 132.1E6 | 459.527 | 517.999 |
| 34) L7 | AR-1260-4 | 7.104 | 7.073 | 194.9E6 | 104.5E6 | 451.614 | 506.709 |
| 35) L7 | AR-1260-5 | 7.346 | 7.314 | 452.5E6 | 232.7E6 | 455.292 | 519.609 |

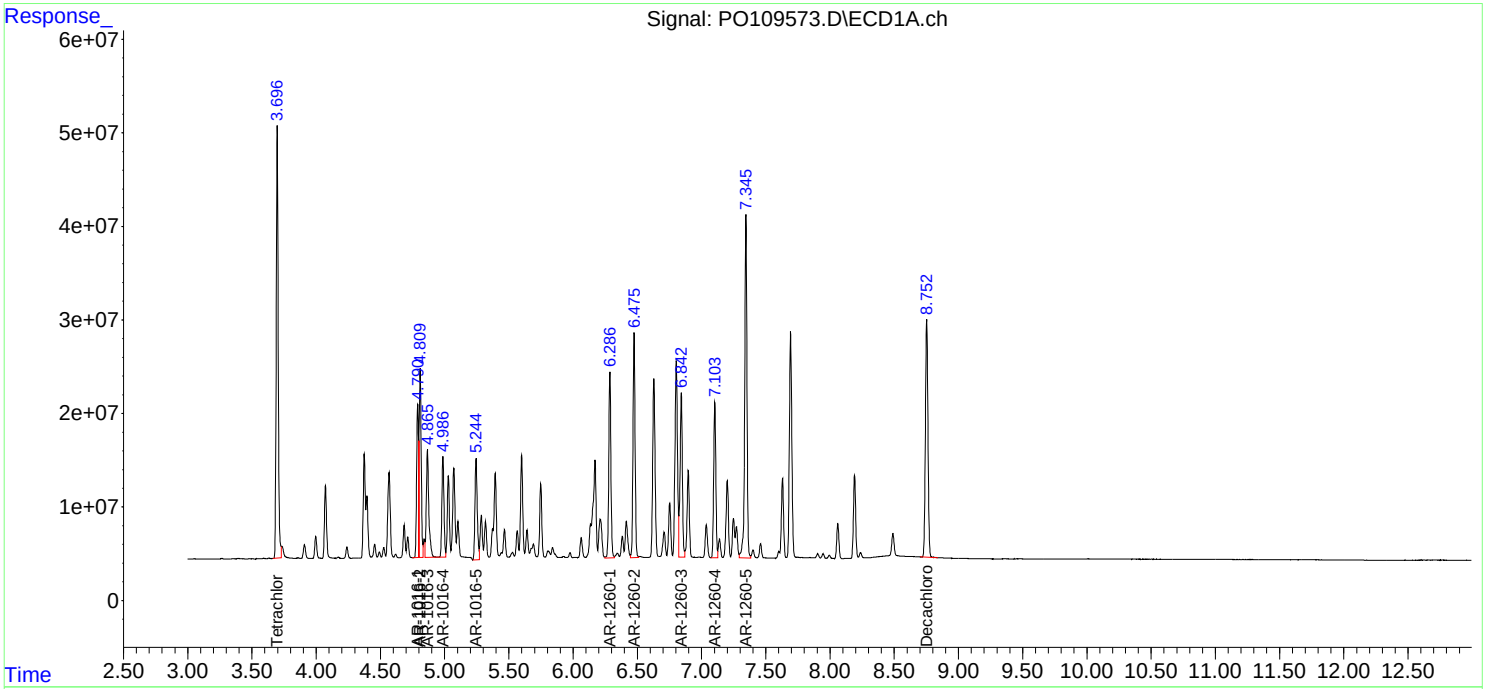
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

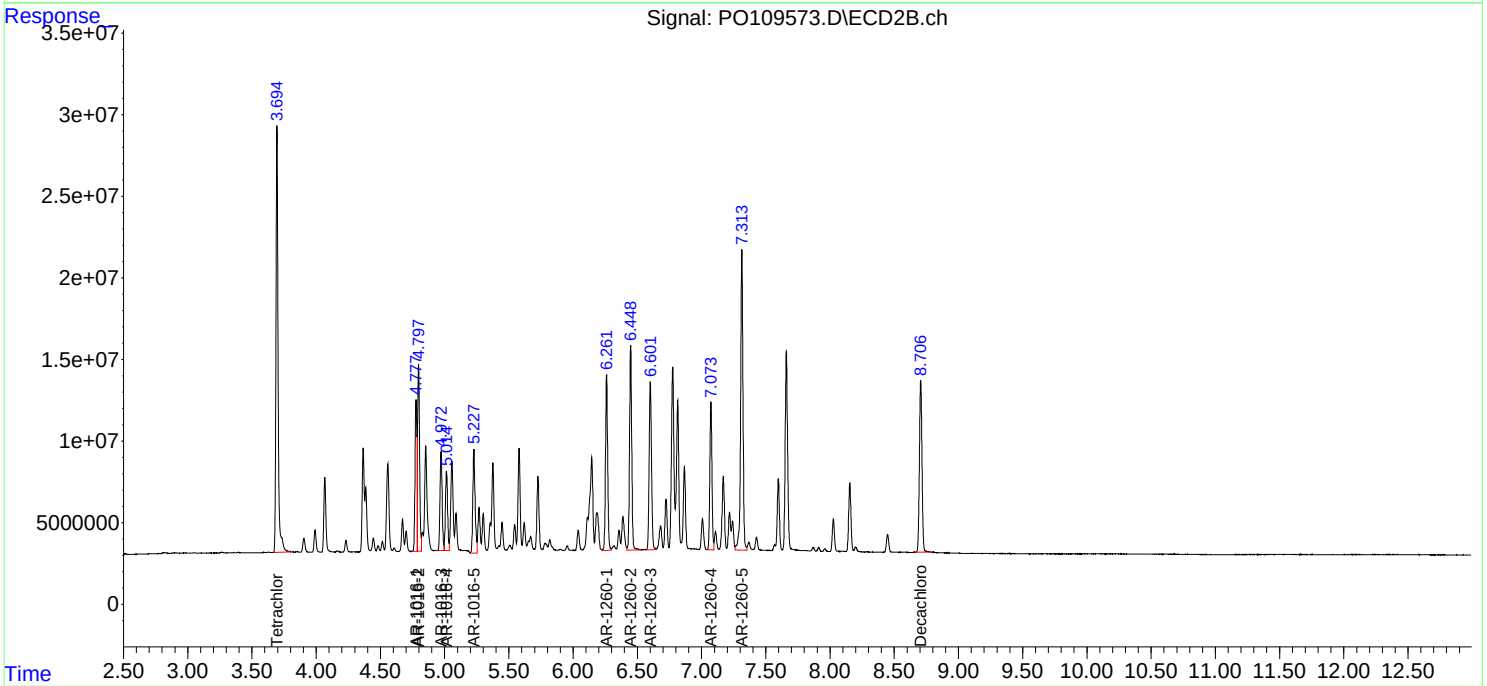
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 08:19
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 08:48:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PO109600.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 02/28/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

**Continuing Calib Time:** 18:46 **Initial Calibration Time(s):** 16:46 01:02

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.79 | 4.79 | 4.69 | 4.89 | 0.00 |
| Aroclor-1016-2 | (2) | 4.81 | 4.81 | 4.71 | 4.91 | 0.00 |
| Aroclor-1016-3 | (3) | 4.87 | 4.87 | 4.77 | 4.97 | 0.00 |
| Aroclor-1016-4 | (4) | 4.99 | 4.99 | 4.89 | 5.09 | 0.00 |
| Aroclor-1016-5 | (5) | 5.25 | 5.25 | 5.15 | 5.35 | 0.01 |
| Aroclor-1260-1 | (1) | 6.29 | 6.29 | 6.19 | 6.39 | 0.00 |
| Aroclor-1260-2 | (2) | 6.48 | 6.48 | 6.38 | 6.58 | 0.01 |
| Aroclor-1260-3 | (3) | 6.84 | 6.85 | 6.75 | 6.95 | 0.01 |
| Aroclor-1260-4 | (4) | 7.10 | 7.11 | 7.01 | 7.21 | 0.01 |
| Aroclor-1260-5 | (5) | 7.35 | 7.35 | 7.25 | 7.45 | 0.00 |
| Tetrachloro-m-xylene | | 3.70 | 3.70 | 3.60 | 3.80 | 0.00 |
| Decachlorobiphenyl | | 8.75 | 8.76 | 8.66 | 8.86 | 0.01 |

Raw Data: **PO109600.D**

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Fax : 908 789 8922

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 02/28/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

**Continuing Calib Time:** 18:46 **Initial Calibration Time(s):** 16:46 01:02

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.78 | 4.78 | 4.68 | 4.88 | 0.00 |
| Aroclor-1016-2 | (2) | 4.80 | 4.80 | 4.70 | 4.90 | 0.00 |
| Aroclor-1016-3 | (3) | 4.97 | 4.97 | 4.87 | 5.07 | 0.00 |
| Aroclor-1016-4 | (4) | 5.01 | 5.01 | 4.91 | 5.11 | 0.00 |
| Aroclor-1016-5 | (5) | 5.23 | 5.23 | 5.13 | 5.33 | 0.00 |
| Aroclor-1260-1 | (1) | 6.26 | 6.26 | 6.16 | 6.36 | 0.00 |
| Aroclor-1260-2 | (2) | 6.45 | 6.45 | 6.35 | 6.55 | 0.00 |
| Aroclor-1260-3 | (3) | 6.60 | 6.60 | 6.50 | 6.70 | 0.00 |
| Aroclor-1260-4 | (4) | 7.07 | 7.07 | 6.97 | 7.17 | 0.00 |
| Aroclor-1260-5 | (5) | 7.31 | 7.31 | 7.21 | 7.41 | 0.00 |
| Tetrachloro-m-xylene | | 3.70 | 3.69 | 3.59 | 3.79 | 0.00 |
| Decachlorobiphenyl | | 8.71 | 8.71 | 8.61 | 8.81 | 0.00 |

Raw Data: **PO109600.D**

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## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 02/28/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO109600.D **Time Analyzed:** 18:46

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.790 | 4.691 | 4.891 | 536.470 | 500.000 | 7.3 |
| Aroclor-1016-2 | 4.810 | 4.711 | 4.911 | 541.680 | 500.000 | 8.3 |
| Aroclor-1016-3 | 4.866 | 4.767 | 4.967 | 537.630 | 500.000 | 7.5 |
| Aroclor-1016-4 | 4.987 | 4.888 | 5.088 | 539.760 | 500.000 | 8.0 |
| Aroclor-1016-5 | 5.245 | 5.145 | 5.345 | 539.990 | 500.000 | 8.0 |
| Aroclor-1260-1 | 6.287 | 6.188 | 6.388 | 515.020 | 500.000 | 3.0 |
| Aroclor-1260-2 | 6.475 | 6.377 | 6.577 | 506.140 | 500.000 | 1.2 |
| Aroclor-1260-3 | 6.844 | 6.746 | 6.946 | 497.740 | 500.000 | -0.5 |
| Aroclor-1260-4 | 7.104 | 7.005 | 7.205 | 496.350 | 500.000 | -0.7 |
| Aroclor-1260-5 | 7.346 | 7.247 | 7.447 | 504.120 | 500.000 | 0.8 |
| Decachlorobiphenyl | 8.754 | 8.657 | 8.857 | 45.080 | 50.000 | -9.8 |
| Tetrachloro-m-xylene | 3.697 | 3.598 | 3.798 | 52.340 | 50.000 | 4.7 |

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## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 02/28/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO109600.D **Time Analyzed:** 18:46

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.777 | 4.678 | 4.878 | 562.880 | 500.000 | 12.6 |
| Aroclor-1016-2 | 4.796 | 4.697 | 4.897 | 578.530 | 500.000 | 15.7 |
| Aroclor-1016-3 | 4.972 | 4.872 | 5.072 | 571.850 | 500.000 | 14.4 |
| Aroclor-1016-4 | 5.014 | 4.914 | 5.114 | 536.120 | 500.000 | 7.2 |
| Aroclor-1016-5 | 5.228 | 5.127 | 5.327 | 564.540 | 500.000 | 12.9 |
| Aroclor-1260-1 | 6.261 | 6.161 | 6.361 | 542.060 | 500.000 | 8.4 |
| Aroclor-1260-2 | 6.448 | 6.348 | 6.548 | 548.120 | 500.000 | 9.6 |
| Aroclor-1260-3 | 6.601 | 6.502 | 6.702 | 534.630 | 500.000 | 6.9 |
| Aroclor-1260-4 | 7.073 | 6.974 | 7.174 | 528.860 | 500.000 | 5.8 |
| Aroclor-1260-5 | 7.313 | 7.214 | 7.414 | 547.960 | 500.000 | 9.6 |
| Decachlorobiphenyl | 8.706 | 8.607 | 8.807 | 48.890 | 50.000 | -2.2 |
| Tetrachloro-m-xylene | 3.695 | 3.594 | 3.794 | 55.890 | 50.000 | 11.8 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 18:46
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:27:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.695 | 495.4E6 | 292.5E6 | 52.340 | 55.887 |
| 2) | SA Decachlor... | 8.754 | 8.706 | 387.8E6 | 155.7E6 | 45.080 | 48.889 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.790 | 4.777 | 165.4E6 | 87905485 | 536.472 | 562.881 |
| 4) | L1 AR-1016-2 | 4.810 | 4.796 | 228.1E6 | 125.2E6 | 541.678 | 578.534 |
| 5) | L1 AR-1016-3 | 4.866 | 4.972 | 159.0E6 | 68308748 | 537.629 | 571.855 |
| 6) | L1 AR-1016-4 | 4.987 | 5.014 | 125.1E6 | 55794491 | 539.761 | 536.122 |
| 7) | L1 AR-1016-5 | 5.245 | 5.228 | 139.4E6 | 76920024 | 539.989 | 564.536 |
| 31) | L7 AR-1260-1 | 6.287 | 6.261 | 240.1E6 | 128.4E6 | 515.022 | 542.062 |
| 32) | L7 AR-1260-2 | 6.475 | 6.448 | 286.0E6 | 150.8E6 | 506.137 | 548.124 |
| 33) | L7 AR-1260-3 | 6.844 | 6.601 | 236.8E6 | 136.4E6 | 497.737 | 534.635 |
| 34) | L7 AR-1260-4 | 7.104 | 7.073 | 214.2E6 | 109.0E6 | 496.345 | 528.857 |
| 35) | L7 AR-1260-5 | 7.346 | 7.313 | 501.0E6 | 245.4E6 | 504.120 | 547.961 |

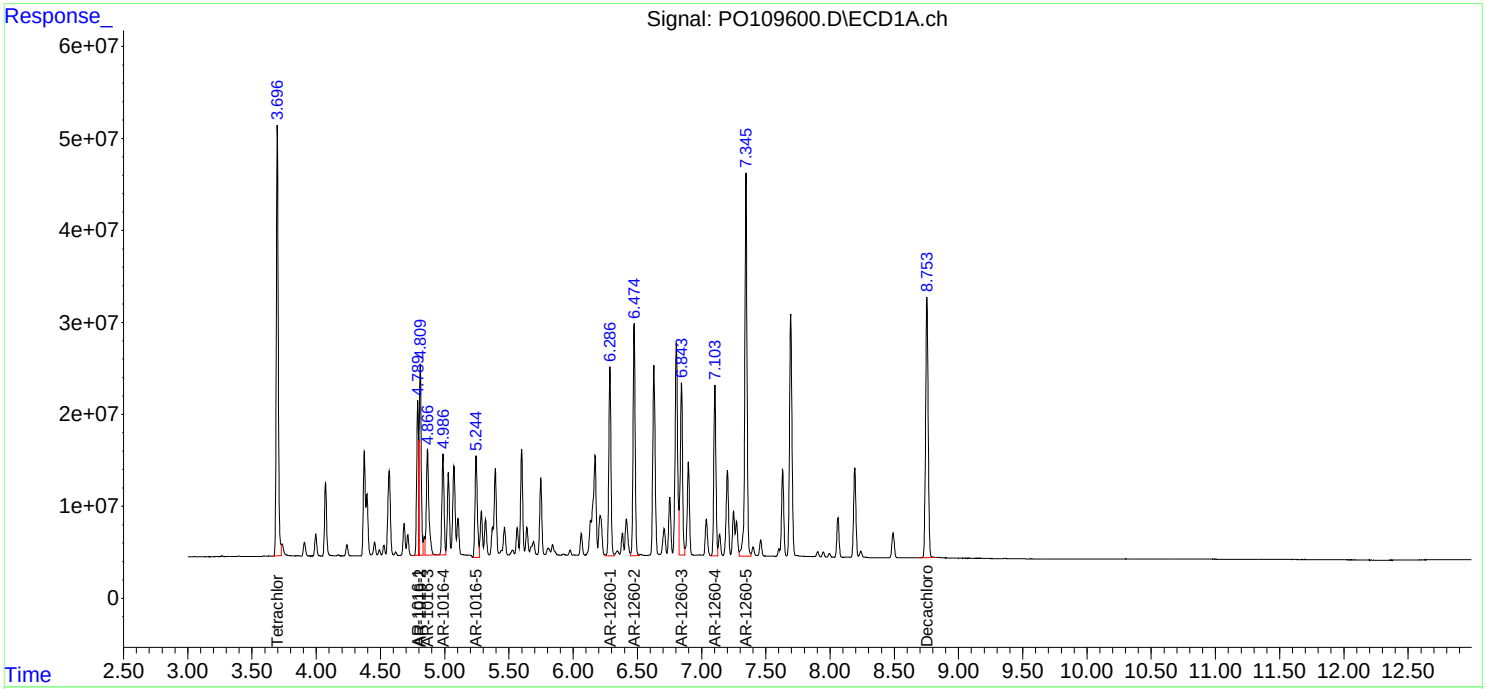
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

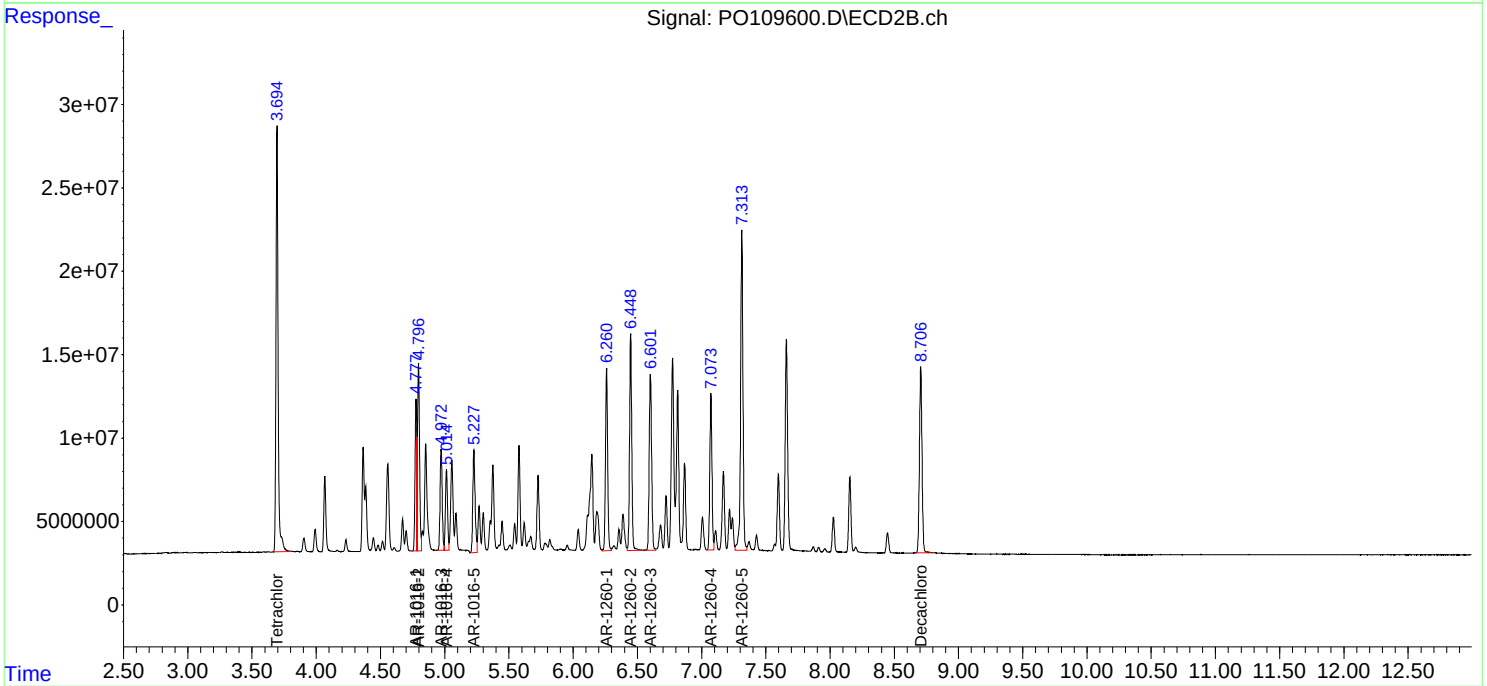
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 18:46
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:27:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PO109619.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 03/01/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

**Continuing Calib Time:** 01:30 **Initial Calibration Time(s):** 16:46 01:02

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.79 | 4.79 | 4.69 | 4.89 | 0.00 |
| Aroclor-1016-2 | (2) | 4.81 | 4.81 | 4.71 | 4.91 | 0.00 |
| Aroclor-1016-3 | (3) | 4.87 | 4.87 | 4.77 | 4.97 | 0.00 |
| Aroclor-1016-4 | (4) | 4.99 | 4.99 | 4.89 | 5.09 | 0.00 |
| Aroclor-1016-5 | (5) | 5.24 | 5.25 | 5.15 | 5.35 | 0.01 |
| Aroclor-1260-1 | (1) | 6.29 | 6.29 | 6.19 | 6.39 | 0.00 |
| Aroclor-1260-2 | (2) | 6.48 | 6.48 | 6.38 | 6.58 | 0.01 |
| Aroclor-1260-3 | (3) | 6.84 | 6.85 | 6.75 | 6.95 | 0.01 |
| Aroclor-1260-4 | (4) | 7.10 | 7.11 | 7.01 | 7.21 | 0.01 |
| Aroclor-1260-5 | (5) | 7.35 | 7.35 | 7.25 | 7.45 | 0.00 |
| Tetrachloro-m-xylene | | 3.70 | 3.70 | 3.60 | 3.80 | 0.00 |
| Decachlorobiphenyl | | 8.75 | 8.76 | 8.66 | 8.86 | 0.01 |

Raw Data: **PO109619.D**

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## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 03/01/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

**Continuing Calib Time:** 01:30 **Initial Calibration Time(s):** 16:46 01:02

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.78 | 4.78 | 4.68 | 4.88 | 0.00 |
| Aroclor-1016-2 | (2) | 4.80 | 4.80 | 4.70 | 4.90 | 0.00 |
| Aroclor-1016-3 | (3) | 4.97 | 4.97 | 4.87 | 5.07 | 0.00 |
| Aroclor-1016-4 | (4) | 5.02 | 5.01 | 4.91 | 5.11 | 0.00 |
| Aroclor-1016-5 | (5) | 5.23 | 5.23 | 5.13 | 5.33 | 0.00 |
| Aroclor-1260-1 | (1) | 6.26 | 6.26 | 6.16 | 6.36 | 0.00 |
| Aroclor-1260-2 | (2) | 6.45 | 6.45 | 6.35 | 6.55 | 0.00 |
| Aroclor-1260-3 | (3) | 6.60 | 6.60 | 6.50 | 6.70 | 0.00 |
| Aroclor-1260-4 | (4) | 7.07 | 7.07 | 6.97 | 7.17 | 0.00 |
| Aroclor-1260-5 | (5) | 7.31 | 7.31 | 7.21 | 7.41 | 0.00 |
| Tetrachloro-m-xylene | | 3.70 | 3.69 | 3.59 | 3.79 | 0.00 |
| Decachlorobiphenyl | | 8.71 | 8.71 | 8.61 | 8.81 | 0.00 |

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## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

**Client Sample No.:** CCAL05 **Date Analyzed:** 03/01/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO109619.D **Time Analyzed:** 01:30

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.790 | 4.691 | 4.891 | 530.850 | 500.000 | 6.2 |
| Aroclor-1016-2 | 4.810 | 4.711 | 4.911 | 536.210 | 500.000 | 7.2 |
| Aroclor-1016-3 | 4.867 | 4.767 | 4.967 | 530.370 | 500.000 | 6.1 |
| Aroclor-1016-4 | 4.987 | 4.888 | 5.088 | 533.410 | 500.000 | 6.7 |
| Aroclor-1016-5 | 5.244 | 5.145 | 5.345 | 511.520 | 500.000 | 2.3 |
| Aroclor-1260-1 | 6.287 | 6.188 | 6.388 | 522.890 | 500.000 | 4.6 |
| Aroclor-1260-2 | 6.475 | 6.377 | 6.577 | 512.790 | 500.000 | 2.6 |
| Aroclor-1260-3 | 6.844 | 6.746 | 6.946 | 505.270 | 500.000 | 1.1 |
| Aroclor-1260-4 | 7.104 | 7.005 | 7.205 | 505.470 | 500.000 | 1.1 |
| Aroclor-1260-5 | 7.346 | 7.247 | 7.447 | 509.860 | 500.000 | 2.0 |
| Decachlorobiphenyl | 8.754 | 8.657 | 8.857 | 46.440 | 50.000 | -7.1 |
| Tetrachloro-m-xylene | 3.697 | 3.598 | 3.798 | 51.630 | 50.000 | 3.3 |

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## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

**Client Sample No.:** CCAL05 **Date Analyzed:** 03/01/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO109619.D **Time Analyzed:** 01:30

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.778 | 4.678 | 4.878 | 557.620 | 500.000 | 11.5 |
| Aroclor-1016-2 | 4.797 | 4.697 | 4.897 | 565.540 | 500.000 | 13.1 |
| Aroclor-1016-3 | 4.973 | 4.872 | 5.072 | 562.850 | 500.000 | 12.6 |
| Aroclor-1016-4 | 5.015 | 4.914 | 5.114 | 513.850 | 500.000 | 2.8 |
| Aroclor-1016-5 | 5.228 | 5.127 | 5.327 | 535.890 | 500.000 | 7.2 |
| Aroclor-1260-1 | 6.261 | 6.161 | 6.361 | 542.240 | 500.000 | 8.4 |
| Aroclor-1260-2 | 6.449 | 6.348 | 6.548 | 547.770 | 500.000 | 9.6 |
| Aroclor-1260-3 | 6.602 | 6.502 | 6.702 | 532.520 | 500.000 | 6.5 |
| Aroclor-1260-4 | 7.074 | 6.974 | 7.174 | 528.040 | 500.000 | 5.6 |
| Aroclor-1260-5 | 7.314 | 7.214 | 7.414 | 547.710 | 500.000 | 9.5 |
| Decachlorobiphenyl | 8.707 | 8.607 | 8.807 | 49.150 | 50.000 | -1.7 |
| Tetrachloro-m-xylene | 3.695 | 3.594 | 3.794 | 54.710 | 50.000 | 9.4 |

Sample Results: **PO109619.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Mar 2025 01:30
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 04:45:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.695 | 488.7E6 | 286.4E6 | 51.630 | 54.712 |
| 2) | SA Decachlor... | 8.754 | 8.707 | 399.4E6 | 156.5E6 | 46.436 | 49.153 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.790 | 4.778 | 163.7E6 | 87084069 | 530.849 | 557.622 |
| 4) | L1 AR-1016-2 | 4.810 | 4.797 | 225.8E6 | 122.4E6 | 536.214 | 565.536 |
| 5) | L1 AR-1016-3 | 4.867 | 4.973 | 156.9E6 | 67233536 | 530.373 | 562.854 |
| 6) | L1 AR-1016-4 | 4.987 | 5.015 | 123.6E6 | 53476366 | 533.412 | 513.847 |
| 7) | L1 AR-1016-5 | 5.244 | 5.228 | 132.1E6 | 73016637 | 511.515m | 535.888m |
| 31) | L7 AR-1260-1 | 6.287 | 6.261 | 243.7E6 | 128.5E6 | 522.893 | 542.236 |
| 32) | L7 AR-1260-2 | 6.475 | 6.449 | 289.8E6 | 150.7E6 | 512.795 | 547.770 |
| 33) | L7 AR-1260-3 | 6.844 | 6.602 | 240.3E6 | 135.8E6 | 505.275 | 532.521 |
| 34) | L7 AR-1260-4 | 7.104 | 7.074 | 218.2E6 | 108.9E6 | 505.473 | 528.037 |
| 35) | L7 AR-1260-5 | 7.346 | 7.314 | 506.7E6 | 245.3E6 | 509.859 | 547.707 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Mar 2025 01:30
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

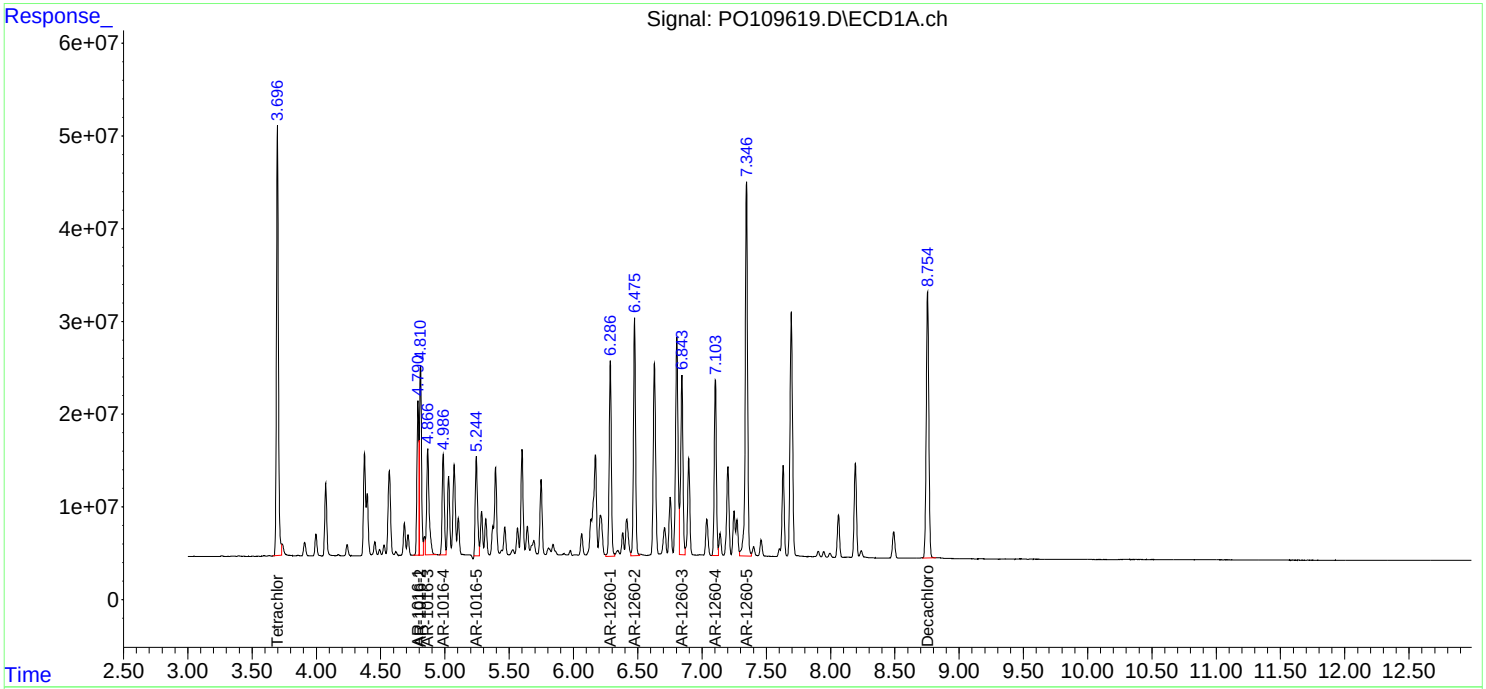
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

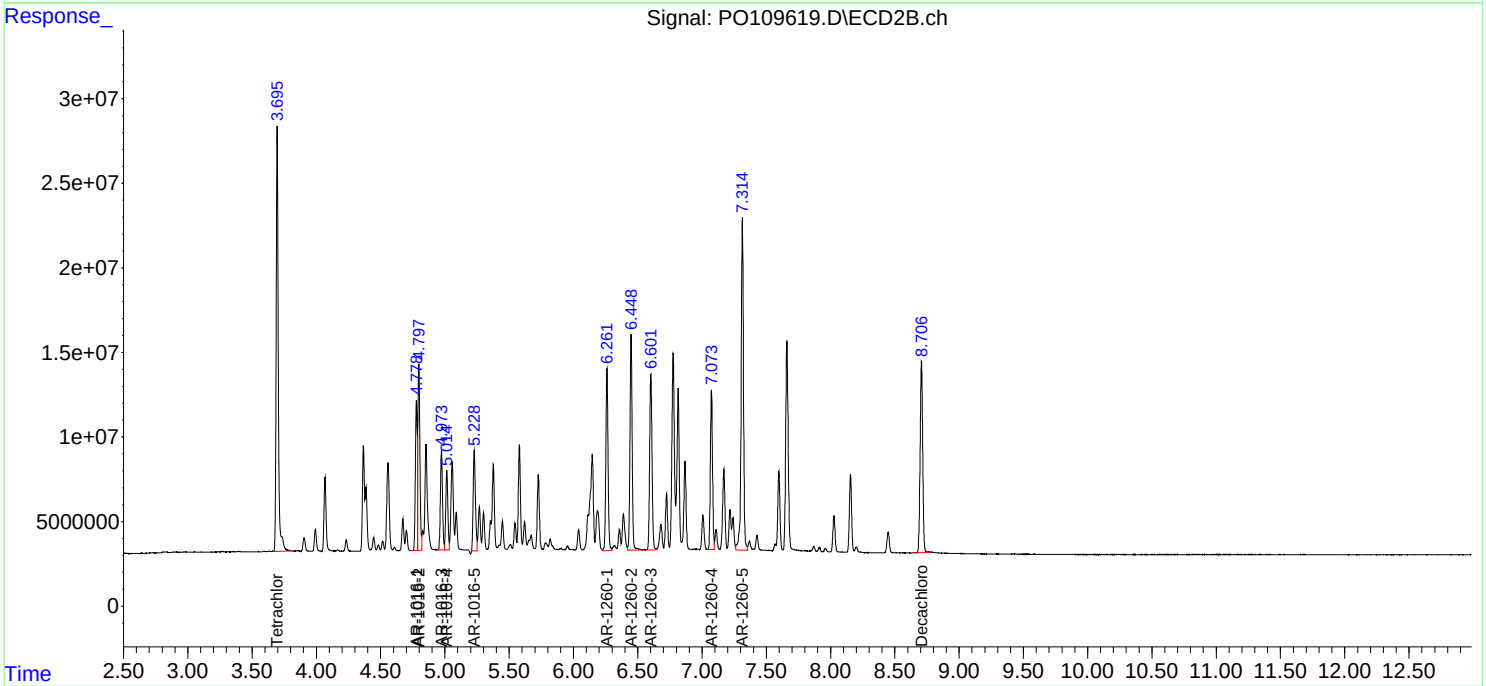
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/03/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 04:45:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PO109677.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 03/06/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

**Continuing Calib Time:** 22:19 **Initial Calibration Time(s):** 16:46 01:02

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.79 | 4.79 | 4.69 | 4.89 | 0.00 |
| Aroclor-1016-2 | (2) | 4.81 | 4.81 | 4.71 | 4.91 | 0.00 |
| Aroclor-1016-3 | (3) | 4.87 | 4.87 | 4.77 | 4.97 | 0.00 |
| Aroclor-1016-4 | (4) | 4.99 | 4.99 | 4.89 | 5.09 | 0.00 |
| Aroclor-1016-5 | (5) | 5.24 | 5.25 | 5.15 | 5.35 | 0.01 |
| Aroclor-1260-1 | (1) | 6.29 | 6.29 | 6.19 | 6.39 | 0.00 |
| Aroclor-1260-2 | (2) | 6.48 | 6.48 | 6.38 | 6.58 | 0.01 |
| Aroclor-1260-3 | (3) | 6.84 | 6.85 | 6.75 | 6.95 | 0.01 |
| Aroclor-1260-4 | (4) | 7.10 | 7.11 | 7.01 | 7.21 | 0.01 |
| Aroclor-1260-5 | (5) | 7.35 | 7.35 | 7.25 | 7.45 | 0.01 |
| Tetrachloro-m-xylene | | 3.70 | 3.70 | 3.60 | 3.80 | 0.00 |
| Decachlorobiphenyl | | 8.75 | 8.76 | 8.66 | 8.86 | 0.01 |

Raw Data: **PO109677.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 03/06/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

**Continuing Calib Time:** 22:19 **Initial Calibration Time(s):** 16:46 01:02

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.78 | 4.78 | 4.68 | 4.88 | 0.00 |
| Aroclor-1016-2 | (2) | 4.80 | 4.80 | 4.70 | 4.90 | 0.00 |
| Aroclor-1016-3 | (3) | 4.97 | 4.97 | 4.87 | 5.07 | 0.00 |
| Aroclor-1016-4 | (4) | 5.01 | 5.01 | 4.91 | 5.11 | 0.00 |
| Aroclor-1016-5 | (5) | 5.23 | 5.23 | 5.13 | 5.33 | 0.00 |
| Aroclor-1260-1 | (1) | 6.26 | 6.26 | 6.16 | 6.36 | 0.00 |
| Aroclor-1260-2 | (2) | 6.45 | 6.45 | 6.35 | 6.55 | 0.00 |
| Aroclor-1260-3 | (3) | 6.60 | 6.60 | 6.50 | 6.70 | 0.00 |
| Aroclor-1260-4 | (4) | 7.07 | 7.07 | 6.97 | 7.17 | 0.00 |
| Aroclor-1260-5 | (5) | 7.31 | 7.31 | 7.21 | 7.41 | 0.00 |
| Tetrachloro-m-xylene | | 3.69 | 3.69 | 3.59 | 3.79 | 0.00 |
| Decachlorobiphenyl | | 8.71 | 8.71 | 8.61 | 8.81 | 0.00 |

Alliance TECHNICAL GROUP

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

**Client Sample No.:** CCAL06 **Date Analyzed:** 03/06/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO109677.D **Time Analyzed:** 22:19

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.790 | 4.691 | 4.891 | 516.410 | 500.000 | 3.3 |
| Aroclor-1016-2 | 4.810 | 4.711 | 4.911 | 521.040 | 500.000 | 4.2 |
| Aroclor-1016-3 | 4.866 | 4.767 | 4.967 | 516.800 | 500.000 | 3.4 |
| Aroclor-1016-4 | 4.987 | 4.888 | 5.088 | 517.710 | 500.000 | 3.5 |
| Aroclor-1016-5 | 5.244 | 5.145 | 5.345 | 489.290 | 500.000 | -2.1 |
| Aroclor-1260-1 | 6.286 | 6.188 | 6.388 | 524.710 | 500.000 | 4.9 |
| Aroclor-1260-2 | 6.475 | 6.377 | 6.577 | 507.570 | 500.000 | 1.5 |
| Aroclor-1260-3 | 6.843 | 6.746 | 6.946 | 485.990 | 500.000 | -2.8 |
| Aroclor-1260-4 | 7.104 | 7.005 | 7.205 | 479.350 | 500.000 | -4.1 |
| Aroclor-1260-5 | 7.345 | 7.247 | 7.447 | 481.100 | 500.000 | -3.8 |
| Decachlorobiphenyl | 8.753 | 8.657 | 8.857 | 43.340 | 50.000 | -13.3 |
| Tetrachloro-m-xylene | 3.696 | 3.598 | 3.798 | 50.660 | 50.000 | 1.3 |

Raw Data: **PO109677.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

**Client Sample No.:** CCAL06 **Date Analyzed:** 03/06/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO109677.D **Time Analyzed:** 22:19

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.777 | 4.678 | 4.878 | 553.190 | 500.000 | 10.6 |
| Aroclor-1016-2 | 4.796 | 4.697 | 4.897 | 570.410 | 500.000 | 14.1 |
| Aroclor-1016-3 | 4.972 | 4.872 | 5.072 | 563.990 | 500.000 | 12.8 |
| Aroclor-1016-4 | 5.014 | 4.914 | 5.114 | 456.810 | 500.000 | -8.6 |
| Aroclor-1016-5 | 5.227 | 5.127 | 5.327 | 534.200 | 500.000 | 6.8 |
| Aroclor-1260-1 | 6.260 | 6.161 | 6.361 | 551.440 | 500.000 | 10.3 |
| Aroclor-1260-2 | 6.448 | 6.348 | 6.548 | 550.920 | 500.000 | 10.2 |
| Aroclor-1260-3 | 6.601 | 6.502 | 6.702 | 533.730 | 500.000 | 6.7 |
| Aroclor-1260-4 | 7.073 | 6.974 | 7.174 | 518.870 | 500.000 | 3.8 |
| Aroclor-1260-5 | 7.314 | 7.214 | 7.414 | 533.180 | 500.000 | 6.6 |
| Decachlorobiphenyl | 8.707 | 8.607 | 8.807 | 46.160 | 50.000 | -7.7 |
| Tetrachloro-m-xylene | 3.694 | 3.594 | 3.794 | 55.410 | 50.000 | 10.8 |

Sample Results: **PO109677.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109677.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 22:19
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:13:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.694 | 479.5E6 | 290.0E6 | 50.663 | 55.410 |
| 2) | SA Decachlor... | 8.753 | 8.707 | 372.8E6 | 147.0E6 | 43.337 | 46.157 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.790 | 4.777 | 159.2E6 | 86391265 | 516.411 | 553.185 |
| 4) | L1 AR-1016-2 | 4.810 | 4.796 | 219.4E6 | 123.5E6 | 521.043 | 570.410 |
| 5) | L1 AR-1016-3 | 4.866 | 4.972 | 152.9E6 | 67369580 | 516.797 | 563.992 |
| 6) | L1 AR-1016-4 | 4.987 | 5.014 | 120.0E6 | 47540849 | 517.713 | 456.814 |
| 7) | L1 AR-1016-5 | 5.244 | 5.227 | 126.3E6 | 72786421 | 489.290m | 534.198m |
| 31) | L7 AR-1260-1 | 6.286 | 6.260 | 244.6E6 | 130.6E6 | 524.713 | 551.439 |
| 32) | L7 AR-1260-2 | 6.475 | 6.448 | 286.8E6 | 151.6E6 | 507.569 | 550.916 |
| 33) | L7 AR-1260-3 | 6.843 | 6.601 | 231.2E6 | 136.1E6 | 485.993 | 533.731 |
| 34) | L7 AR-1260-4 | 7.104 | 7.073 | 206.9E6 | 107.0E6 | 479.345 | 518.866 |
| 35) | L7 AR-1260-5 | 7.345 | 7.314 | 478.2E6 | 238.7E6 | 481.103 | 533.176 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109677.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 22:19
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

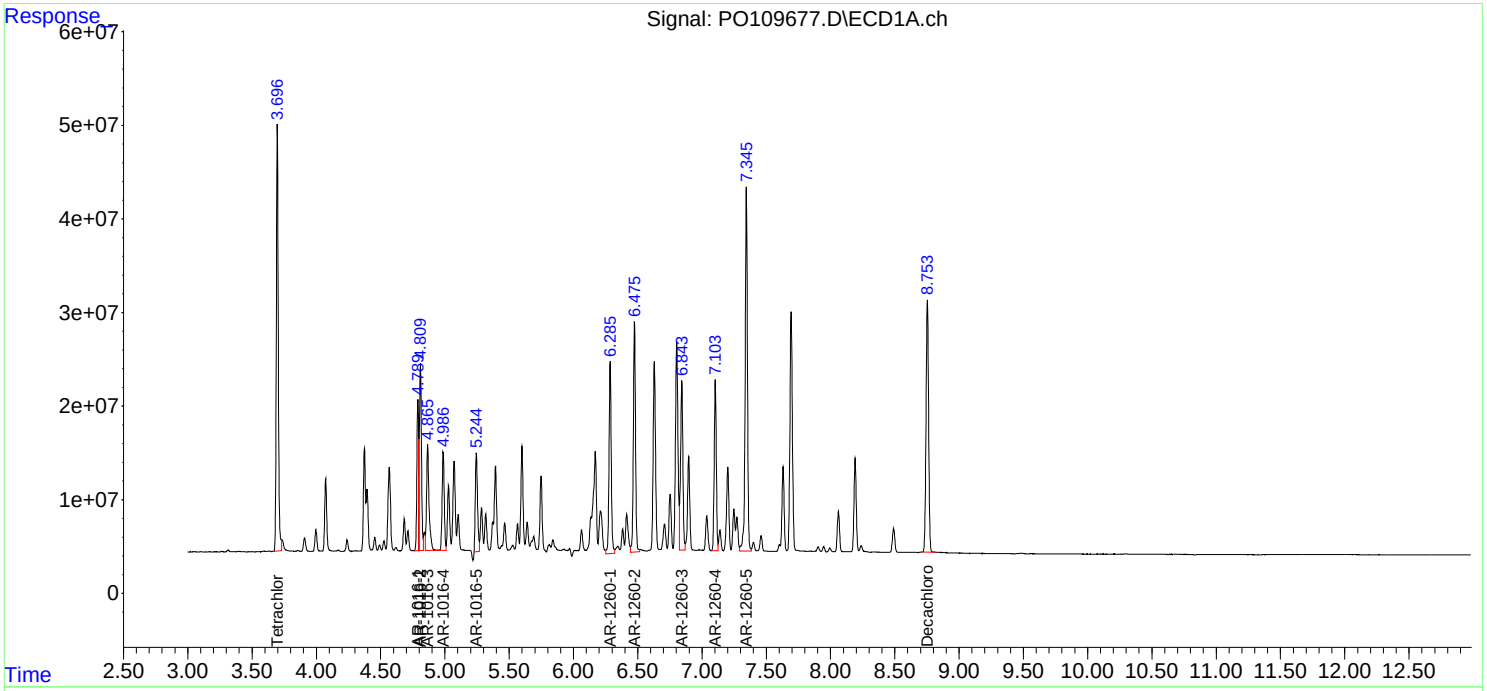
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

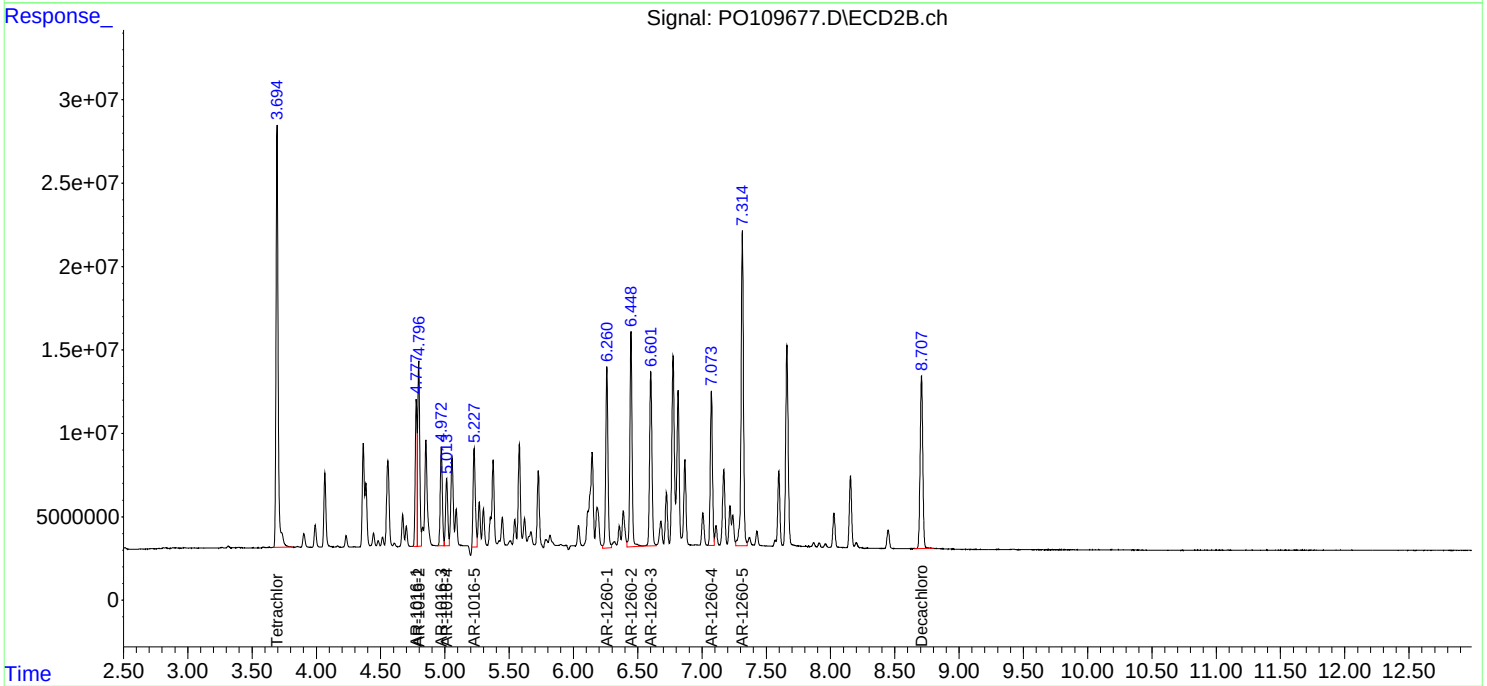
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:13:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PO109692.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 03/07/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

**Continuing Calib Time:** 04:29 **Initial Calibration Time(s):** 16:46 01:02

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.79 | 4.79 | 4.69 | 4.89 | 0.00 |
| Aroclor-1016-2 | (2) | 4.81 | 4.81 | 4.71 | 4.91 | 0.00 |
| Aroclor-1016-3 | (3) | 4.87 | 4.87 | 4.77 | 4.97 | 0.00 |
| Aroclor-1016-4 | (4) | 4.99 | 4.99 | 4.89 | 5.09 | 0.00 |
| Aroclor-1016-5 | (5) | 5.24 | 5.25 | 5.15 | 5.35 | 0.01 |
| Aroclor-1260-1 | (1) | 6.29 | 6.29 | 6.19 | 6.39 | 0.00 |
| Aroclor-1260-2 | (2) | 6.48 | 6.48 | 6.38 | 6.58 | 0.01 |
| Aroclor-1260-3 | (3) | 6.84 | 6.85 | 6.75 | 6.95 | 0.01 |
| Aroclor-1260-4 | (4) | 7.10 | 7.11 | 7.01 | 7.21 | 0.01 |
| Aroclor-1260-5 | (5) | 7.35 | 7.35 | 7.25 | 7.45 | 0.00 |
| Tetrachloro-m-xylene | | 3.70 | 3.70 | 3.60 | 3.80 | 0.00 |
| Decachlorobiphenyl | | 8.75 | 8.76 | 8.66 | 8.86 | 0.01 |

Raw Data: **PO109692.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 03/07/2025 **Initial Calibration Date(s):** 02/20/2025 02/21/2025

**Continuing Calib Time:** 04:29 **Initial Calibration Time(s):** 16:46 01:02

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.78 | 4.78 | 4.68 | 4.88 | 0.00 |
| Aroclor-1016-2 | (2) | 4.80 | 4.80 | 4.70 | 4.90 | 0.00 |
| Aroclor-1016-3 | (3) | 4.97 | 4.97 | 4.87 | 5.07 | 0.00 |
| Aroclor-1016-4 | (4) | 5.01 | 5.01 | 4.91 | 5.11 | 0.00 |
| Aroclor-1016-5 | (5) | 5.23 | 5.23 | 5.13 | 5.33 | 0.00 |
| Aroclor-1260-1 | (1) | 6.26 | 6.26 | 6.16 | 6.36 | 0.00 |
| Aroclor-1260-2 | (2) | 6.45 | 6.45 | 6.35 | 6.55 | 0.00 |
| Aroclor-1260-3 | (3) | 6.60 | 6.60 | 6.50 | 6.70 | 0.00 |
| Aroclor-1260-4 | (4) | 7.07 | 7.07 | 6.97 | 7.17 | 0.00 |
| Aroclor-1260-5 | (5) | 7.31 | 7.31 | 7.21 | 7.41 | 0.00 |
| Tetrachloro-m-xylene | | 3.70 | 3.69 | 3.59 | 3.79 | 0.00 |
| Decachlorobiphenyl | | 8.71 | 8.71 | 8.61 | 8.81 | 0.00 |

Alliance TECHNICAL GROUP

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## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

**Client Sample No.:** CCAL07 **Date Analyzed:** 03/07/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO109692.D **Time Analyzed:** 04:29

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.791 | 4.691 | 4.891 | 515.140 | 500.000 | 3.0 |
| Aroclor-1016-2 | 4.810 | 4.711 | 4.911 | 517.080 | 500.000 | 3.4 |
| Aroclor-1016-3 | 4.866 | 4.767 | 4.967 | 512.890 | 500.000 | 2.6 |
| Aroclor-1016-4 | 4.987 | 4.888 | 5.088 | 513.090 | 500.000 | 2.6 |
| Aroclor-1016-5 | 5.244 | 5.145 | 5.345 | 480.970 | 500.000 | -3.8 |
| Aroclor-1260-1 | 6.286 | 6.188 | 6.388 | 511.810 | 500.000 | 2.4 |
| Aroclor-1260-2 | 6.475 | 6.377 | 6.577 | 495.100 | 500.000 | -1.0 |
| Aroclor-1260-3 | 6.844 | 6.746 | 6.946 | 470.290 | 500.000 | -5.9 |
| Aroclor-1260-4 | 7.104 | 7.005 | 7.205 | 458.790 | 500.000 | -8.2 |
| Aroclor-1260-5 | 7.346 | 7.247 | 7.447 | 456.010 | 500.000 | -8.8 |
| Decachlorobiphenyl | 8.754 | 8.657 | 8.857 | 41.410 | 50.000 | -17.2 |
| Tetrachloro-m-xylene | 3.697 | 3.598 | 3.798 | 51.040 | 50.000 | 2.1 |

Alliance TECHNICAL GROUP

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/20/2025 02/20/2025

**Client Sample No.:** CCAL07 **Date Analyzed:** 03/07/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO109692.D **Time Analyzed:** 04:29

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.778 | 4.678 | 4.878 | 560.290 | 500.000 | 12.1 |
| Aroclor-1016-2 | 4.797 | 4.697 | 4.897 | 563.430 | 500.000 | 12.7 |
| Aroclor-1016-3 | 4.973 | 4.872 | 5.072 | 559.930 | 500.000 | 12.0 |
| Aroclor-1016-4 | 5.014 | 4.914 | 5.114 | 446.180 | 500.000 | -10.8 |
| Aroclor-1016-5 | 5.227 | 5.127 | 5.327 | 522.720 | 500.000 | 4.5 |
| Aroclor-1260-1 | 6.261 | 6.161 | 6.361 | 541.540 | 500.000 | 8.3 |
| Aroclor-1260-2 | 6.448 | 6.348 | 6.548 | 543.690 | 500.000 | 8.7 |
| Aroclor-1260-3 | 6.602 | 6.502 | 6.702 | 521.390 | 500.000 | 4.3 |
| Aroclor-1260-4 | 7.074 | 6.974 | 7.174 | 497.030 | 500.000 | -0.6 |
| Aroclor-1260-5 | 7.314 | 7.214 | 7.414 | 514.420 | 500.000 | 2.9 |
| Decachlorobiphenyl | 8.707 | 8.607 | 8.807 | 45.540 | 50.000 | -8.9 |
| Tetrachloro-m-xylene | 3.695 | 3.594 | 3.794 | 55.390 | 50.000 | 10.8 |

Quantitation Report (QT Reviewed)

Sample Results: **PO109692.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109692.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 04:29
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 06:23:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.695 | 483.1E6 | 289.9E6 | 51.042 | 55.393 |
| 2) SA | Decachlor... | 8.754 | 8.707 | 356.2E6 | 145.0E6 | 41.411 | 45.542 |
| | Target Compounds | | | | | | |
| 3) L1 | AR-1016-1 | 4.791 | 4.778 | 158.8E6 | 87500632 | 515.145 | 560.289 |
| 4) L1 | AR-1016-2 | 4.810 | 4.797 | 217.7E6 | 121.9E6 | 517.083 | 563.430 |
| 5) L1 | AR-1016-3 | 4.866 | 4.973 | 151.7E6 | 66884528 | 512.893 | 559.932 |
| 6) L1 | AR-1016-4 | 4.987 | 5.014 | 118.9E6 | 46434278 | 513.092 | 446.181 |
| 7) L1 | AR-1016-5 | 5.244 | 5.227 | 124.2E6 | 71222267 | 480.971m | 522.719m |
| 31) L7 | AR-1260-1 | 6.286 | 6.261 | 238.6E6 | 128.3E6 | 511.812 | 541.541 |
| 32) L7 | AR-1260-2 | 6.475 | 6.448 | 279.8E6 | 149.6E6 | 495.098 | 543.689 |
| 33) L7 | AR-1260-3 | 6.844 | 6.602 | 223.7E6 | 133.0E6 | 470.294 | 521.393 |
| 34) L7 | AR-1260-4 | 7.104 | 7.074 | 198.0E6 | 102.5E6 | 458.790 | 497.025 |
| 35) L7 | AR-1260-5 | 7.346 | 7.314 | 453.2E6 | 230.3E6 | 456.008 | 514.422 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109692.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 04:29
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

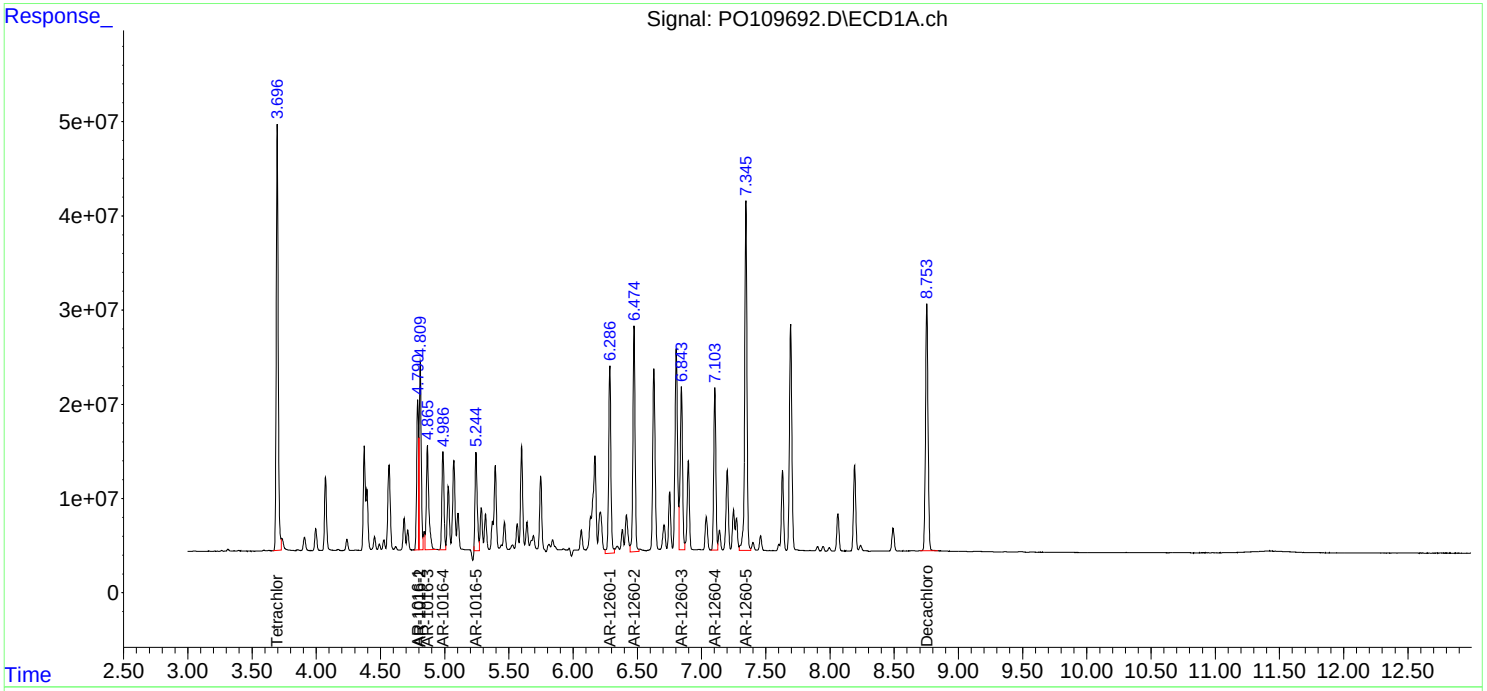
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

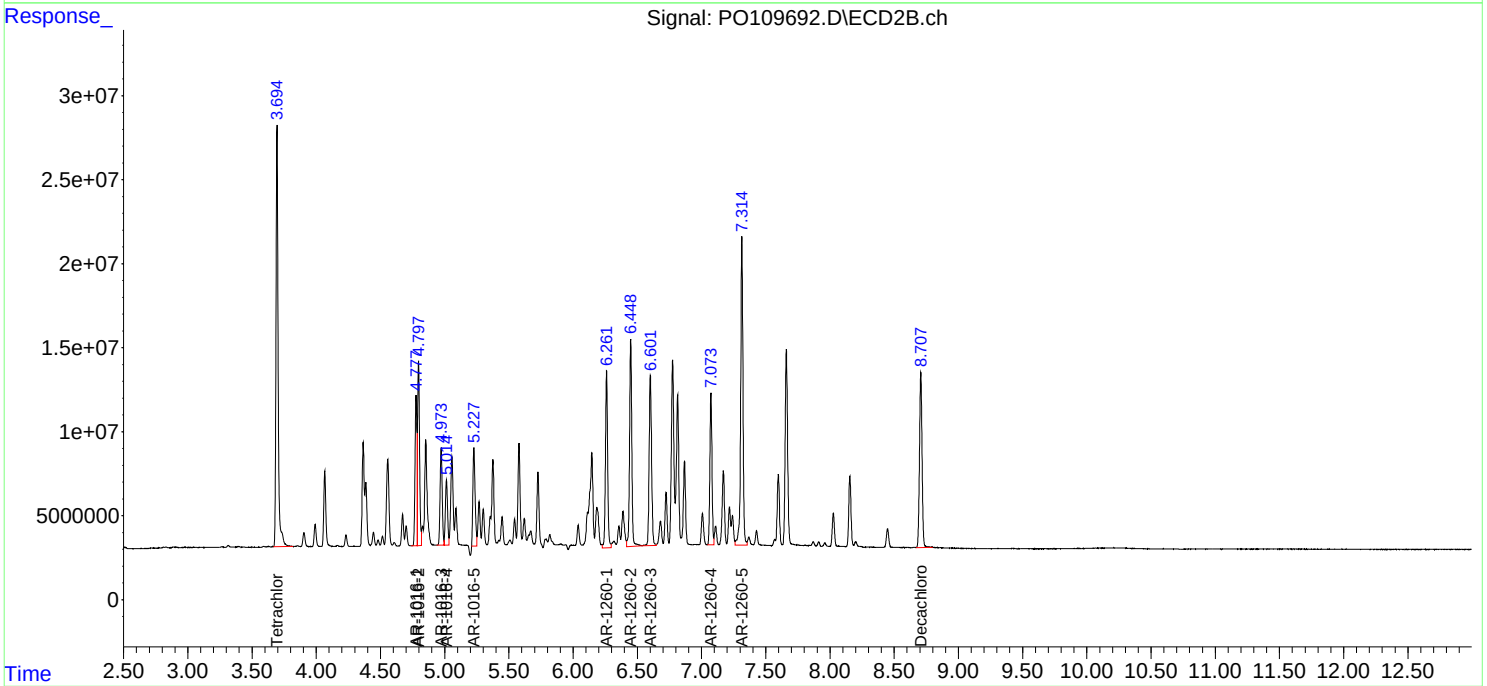
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 06:23:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PP070309.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 03/06/2025 **Initial Calibration Date(s):** 02/24/2025 02/24/2025

**Continuing Calib Time:** 15:31 **Initial Calibration Time(s):** 14:59 22:17

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 5.68 | 5.68 | 5.58 | 5.78 | 0.00 |
| Aroclor-1016-2 | (2) | 5.70 | 5.70 | 5.60 | 5.80 | 0.00 |
| Aroclor-1016-3 | (3) | 5.77 | 5.77 | 5.67 | 5.87 | 0.00 |
| Aroclor-1016-4 | (4) | 5.86 | 5.86 | 5.76 | 5.96 | 0.00 |
| Aroclor-1016-5 | (5) | 6.16 | 6.16 | 6.06 | 6.26 | 0.00 |
| Aroclor-1260-1 | (1) | 7.28 | 7.28 | 7.18 | 7.38 | 0.00 |
| Aroclor-1260-2 | (2) | 7.53 | 7.53 | 7.43 | 7.63 | 0.00 |
| Aroclor-1260-3 | (3) | 7.89 | 7.89 | 7.79 | 7.99 | 0.00 |
| Aroclor-1260-4 | (4) | 8.11 | 8.11 | 8.01 | 8.21 | 0.00 |
| Aroclor-1260-5 | (5) | 8.44 | 8.43 | 8.33 | 8.53 | -0.01 |
| Tetrachloro-m-xylene | | 4.53 | 4.53 | 4.43 | 4.63 | 0.00 |
| Decachlorobiphenyl | | 10.26 | 10.26 | 10.16 | 10.36 | 0.00 |

Raw Data: **PP070309.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 03/06/2025 **Initial Calibration Date(s):** 02/24/2025 02/24/2025

**Continuing Calib Time:** 15:31 **Initial Calibration Time(s):** 14:59 22:17

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.92 | 4.92 | 4.82 | 5.02 | 0.00 |
| Aroclor-1016-2 | (2) | 4.94 | 4.94 | 4.84 | 5.04 | 0.00 |
| Aroclor-1016-3 | (3) | 5.12 | 5.12 | 5.02 | 5.22 | 0.01 |
| Aroclor-1016-4 | (4) | 5.16 | 5.16 | 5.06 | 5.26 | 0.00 |
| Aroclor-1016-5 | (5) | 5.37 | 5.37 | 5.27 | 5.47 | 0.00 |
| Aroclor-1260-1 | (1) | 6.41 | 6.41 | 6.31 | 6.51 | 0.00 |
| Aroclor-1260-2 | (2) | 6.60 | 6.60 | 6.50 | 6.70 | 0.00 |
| Aroclor-1260-3 | (3) | 6.75 | 6.75 | 6.65 | 6.85 | 0.00 |
| Aroclor-1260-4 | (4) | 7.22 | 7.23 | 7.13 | 7.33 | 0.01 |
| Aroclor-1260-5 | (5) | 7.47 | 7.47 | 7.37 | 7.57 | 0.00 |
| Tetrachloro-m-xylene | | 3.83 | 3.83 | 3.73 | 3.93 | 0.00 |
| Decachlorobiphenyl | | 8.89 | 8.89 | 8.79 | 8.99 | 0.00 |

Raw Data: **PP070309.D**

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## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/24/2025 02/24/2025

**Client Sample No.:** CCAL08 **Date Analyzed:** 03/06/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP070309.D **Time Analyzed:** 15:31

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 5.683 | 5.581 | 5.781 | 435.300 | 500.000 | -12.9 |
| Aroclor-1016-2 | 5.704 | 5.602 | 5.802 | 450.600 | 500.000 | -9.9 |
| Aroclor-1016-3 | 5.766 | 5.665 | 5.865 | 429.610 | 500.000 | -14.1 |
| Aroclor-1016-4 | 5.864 | 5.762 | 5.962 | 417.130 | 500.000 | -16.6 |
| Aroclor-1016-5 | 6.157 | 6.056 | 6.256 | 416.920 | 500.000 | -16.6 |
| Aroclor-1260-1 | 7.277 | 7.175 | 7.375 | 418.140 | 500.000 | -16.4 |
| Aroclor-1260-2 | 7.530 | 7.429 | 7.629 | 398.500 | 500.000 | -20.3 |
| Aroclor-1260-3 | 7.889 | 7.788 | 7.988 | 421.350 | 500.000 | -15.7 |
| Aroclor-1260-4 | 8.114 | 8.012 | 8.212 | 413.840 | 500.000 | -17.2 |
| Aroclor-1260-5 | 8.435 | 8.333 | 8.533 | 433.500 | 500.000 | -13.3 |
| Decachlorobiphenyl | 10.263 | 10.156 | 10.356 | 42.190 | 50.000 | -15.6 |
| Tetrachloro-m-xylene | 4.529 | 4.427 | 4.627 | 49.550 | 50.000 | -0.9 |

Raw Data: **PP070309.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/24/2025 02/24/2025

**Client Sample No.:** CCAL08 **Date Analyzed:** 03/06/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP070309.D **Time Analyzed:** 15:31

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.919 | 4.820 | 5.020 | 486.150 | 500.000 | -2.8 |
| Aroclor-1016-2 | 4.938 | 4.839 | 5.039 | 490.170 | 500.000 | -2.0 |
| Aroclor-1016-3 | 5.115 | 5.017 | 5.217 | 499.410 | 500.000 | -0.1 |
| Aroclor-1016-4 | 5.157 | 5.058 | 5.258 | 480.910 | 500.000 | -3.8 |
| Aroclor-1016-5 | 5.372 | 5.273 | 5.473 | 529.400 | 500.000 | 5.9 |
| Aroclor-1260-1 | 6.410 | 6.312 | 6.512 | 421.120 | 500.000 | -15.8 |
| Aroclor-1260-2 | 6.598 | 6.500 | 6.700 | 442.360 | 500.000 | -11.5 |
| Aroclor-1260-3 | 6.753 | 6.654 | 6.854 | 418.030 | 500.000 | -16.4 |
| Aroclor-1260-4 | 7.224 | 7.126 | 7.326 | 426.610 | 500.000 | -14.7 |
| Aroclor-1260-5 | 7.466 | 7.367 | 7.567 | 466.250 | 500.000 | -6.8 |
| Decachlorobiphenyl | 8.886 | 8.788 | 8.988 | 42.280 | 50.000 | -15.4 |
| Tetrachloro-m-xylene | 3.830 | 3.730 | 3.930 | 49.120 | 50.000 | -1.8 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 15:31
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 15:39:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.529 | 3.830 | 72715293 | 46957124 | 49.546 | 49.117 | |
| 2) | SA Decachlor... | 10.263 | 8.886 | 48052799 | 45839049 | 42.187 | 42.283 | |
| | **Target Compounds** | | | | | | | |
| 3) | L1 AR-1016-1 | 5.683 | 4.919 | 21689483 | 16236733 | 435.303 | 486.150 | |
| 4) | L1 AR-1016-2 | 5.704 | 4.938 | 31892587 | 22839184 | 450.601 | 490.172 | |
| 5) | L1 AR-1016-3 | 5.766 | 5.115 | 18869554 | 12501493 | 429.611 | 499.412 | |
| 6) | L1 AR-1016-4 | 5.864 | 5.157 | 15125590 | 9652111 | 417.127 | 480.906 | |
| 7) | L1 AR-1016-5 | 6.157 | 5.372 | 13982898 | 13736075 | 416.920 | 529.399 | # |
| 31) | L7 AR-1260-1 | 7.277 | 6.410 | 24402451 | 20862208 | 418.137 | 421.125 | |
| 32) | L7 AR-1260-2 | 7.530 | 6.598 | 32567320 | 28939390 | 398.498 | 442.362 | |
| 33) | L7 AR-1260-3 | 7.889 | 6.753 | 26444523 | 25216524 | 421.352 | 418.031 | |
| 34) | L7 AR-1260-4 | 8.114 | 7.224 | 26237585 | 20847339 | 413.836 | 426.610 | |
| 35) | L7 AR-1260-5 | 8.435 | 7.466 | 56868274 | 55565077 | 433.498 | 466.248 | |

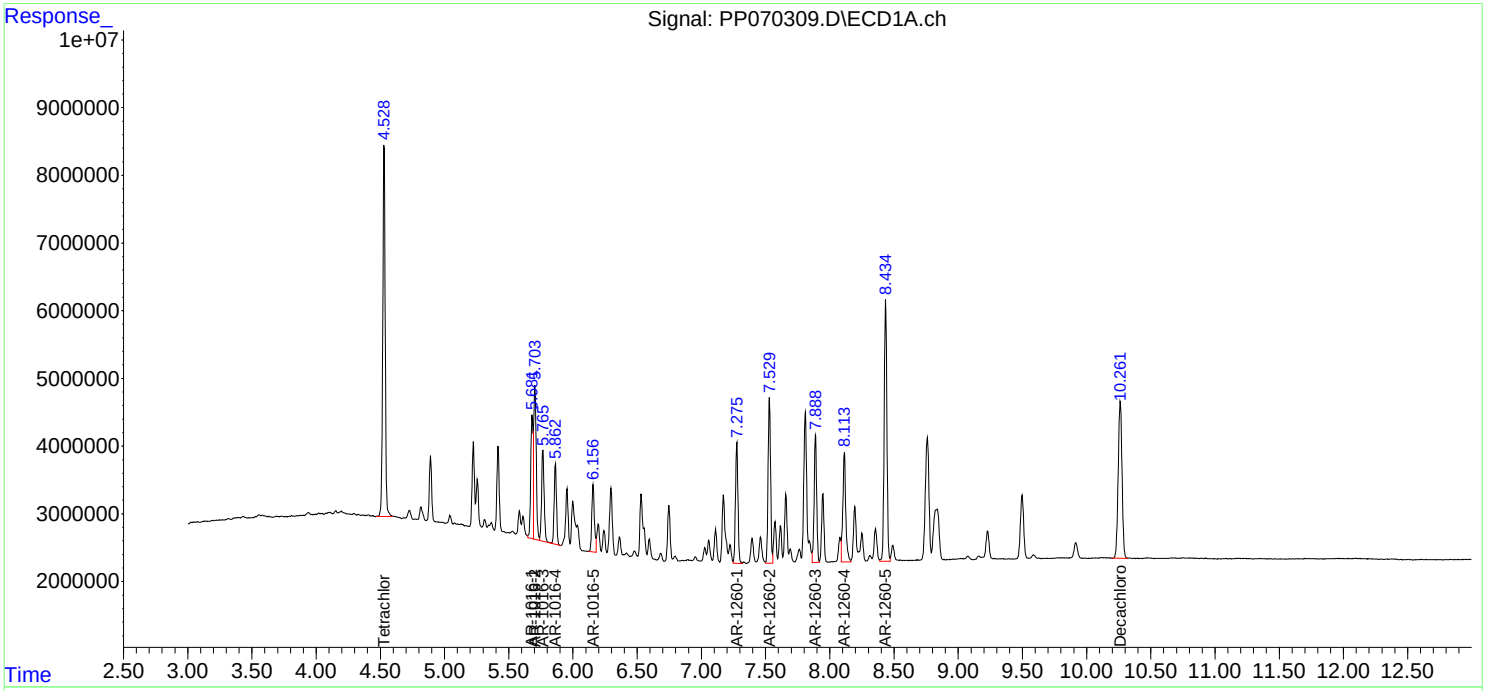
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

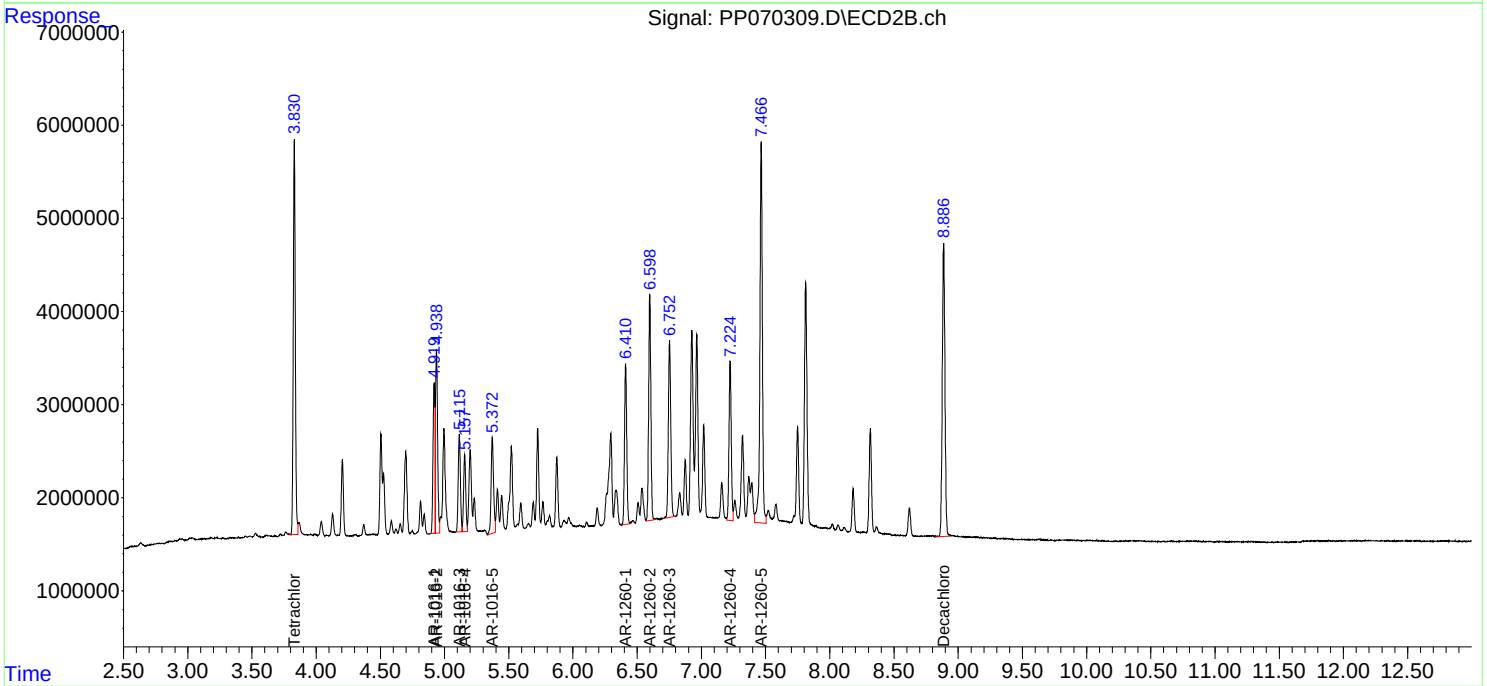
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 15:31
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 15:39:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PP070324.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 03/06/2025 **Initial Calibration Date(s):** 02/24/2025 02/24/2025

**Continuing Calib Time:** 20:20 **Initial Calibration Time(s):** 14:59 22:17

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 5.68 | 5.68 | 5.58 | 5.78 | 0.00 |
| Aroclor-1016-2 | (2) | 5.70 | 5.70 | 5.60 | 5.80 | 0.00 |
| Aroclor-1016-3 | (3) | 5.76 | 5.77 | 5.67 | 5.87 | 0.01 |
| Aroclor-1016-4 | (4) | 5.86 | 5.86 | 5.76 | 5.96 | 0.00 |
| Aroclor-1016-5 | (5) | 6.15 | 6.16 | 6.06 | 6.26 | 0.01 |
| Aroclor-1260-1 | (1) | 7.27 | 7.28 | 7.18 | 7.38 | 0.01 |
| Aroclor-1260-2 | (2) | 7.53 | 7.53 | 7.43 | 7.63 | 0.00 |
| Aroclor-1260-3 | (3) | 7.89 | 7.89 | 7.79 | 7.99 | 0.00 |
| Aroclor-1260-4 | (4) | 8.11 | 8.11 | 8.01 | 8.21 | 0.00 |
| Aroclor-1260-5 | (5) | 8.43 | 8.43 | 8.33 | 8.53 | 0.00 |
| Tetrachloro-m-xylene | | 4.53 | 4.53 | 4.43 | 4.63 | 0.00 |
| Decachlorobiphenyl | | 10.26 | 10.26 | 10.16 | 10.36 | 0.00 |

Raw Data: **PP070324.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 03/06/2025 **Initial Calibration Date(s):** 02/24/2025 02/24/2025

**Continuing Calib Time:** 20:20 **Initial Calibration Time(s):** 14:59 22:17

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.92 | 4.92 | 4.82 | 5.02 | 0.00 |
| Aroclor-1016-2 | (2) | 4.94 | 4.94 | 4.84 | 5.04 | 0.01 |
| Aroclor-1016-3 | (3) | 5.11 | 5.12 | 5.02 | 5.22 | 0.01 |
| Aroclor-1016-4 | (4) | 5.16 | 5.16 | 5.06 | 5.26 | 0.00 |
| Aroclor-1016-5 | (5) | 5.37 | 5.37 | 5.27 | 5.47 | 0.00 |
| Aroclor-1260-1 | (1) | 6.41 | 6.41 | 6.31 | 6.51 | 0.00 |
| Aroclor-1260-2 | (2) | 6.60 | 6.60 | 6.50 | 6.70 | 0.00 |
| Aroclor-1260-3 | (3) | 6.75 | 6.75 | 6.65 | 6.85 | 0.00 |
| Aroclor-1260-4 | (4) | 7.22 | 7.23 | 7.13 | 7.33 | 0.01 |
| Aroclor-1260-5 | (5) | 7.46 | 7.47 | 7.37 | 7.57 | 0.01 |
| Tetrachloro-m-xylene | | 3.83 | 3.83 | 3.73 | 3.93 | 0.00 |
| Decachlorobiphenyl | | 8.88 | 8.89 | 8.79 | 8.99 | 0.01 |

Raw Data: **PP070324.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/24/2025 02/24/2025

**Client Sample No.:** CCAL09 **Date Analyzed:** 03/06/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP070324.D **Time Analyzed:** 20:20

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 5.680 | 5.581 | 5.781 | 467.790 | 500.000 | -6.4 |
| Aroclor-1016-2 | 5.702 | 5.602 | 5.802 | 471.280 | 500.000 | -5.7 |
| Aroclor-1016-3 | 5.764 | 5.665 | 5.865 | 462.590 | 500.000 | -7.5 |
| Aroclor-1016-4 | 5.861 | 5.762 | 5.962 | 469.590 | 500.000 | -6.1 |
| Aroclor-1016-5 | 6.154 | 6.056 | 6.256 | 481.150 | 500.000 | -3.8 |
| Aroclor-1260-1 | 7.274 | 7.175 | 7.375 | 484.470 | 500.000 | -3.1 |
| Aroclor-1260-2 | 7.528 | 7.429 | 7.629 | 438.510 | 500.000 | -12.3 |
| Aroclor-1260-3 | 7.887 | 7.788 | 7.988 | 474.540 | 500.000 | -5.1 |
| Aroclor-1260-4 | 8.111 | 8.012 | 8.212 | 460.280 | 500.000 | -7.9 |
| Aroclor-1260-5 | 8.433 | 8.333 | 8.533 | 472.900 | 500.000 | -5.4 |
| Decachlorobiphenyl | 10.256 | 10.156 | 10.356 | 45.870 | 50.000 | -8.3 |
| Tetrachloro-m-xylene | 4.526 | 4.427 | 4.627 | 51.810 | 50.000 | 3.6 |

Raw Data: **PP070324.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/24/2025 02/24/2025

**Client Sample No.:** CCAL09 **Date Analyzed:** 03/06/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP070324.D **Time Analyzed:** 20:20

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.917 | 4.820 | 5.020 | 505.450 | 500.000 | 1.1 |
| Aroclor-1016-2 | 4.935 | 4.839 | 5.039 | 499.910 | 500.000 | 0.0 |
| Aroclor-1016-3 | 5.113 | 5.017 | 5.217 | 521.090 | 500.000 | 4.2 |
| Aroclor-1016-4 | 5.155 | 5.058 | 5.258 | 506.100 | 500.000 | 1.2 |
| Aroclor-1016-5 | 5.370 | 5.273 | 5.473 | 559.510 | 500.000 | 11.9 |
| Aroclor-1260-1 | 6.408 | 6.312 | 6.512 | 486.720 | 500.000 | -2.7 |
| Aroclor-1260-2 | 6.596 | 6.500 | 6.700 | 484.630 | 500.000 | -3.1 |
| Aroclor-1260-3 | 6.750 | 6.654 | 6.854 | 450.760 | 500.000 | -9.8 |
| Aroclor-1260-4 | 7.223 | 7.126 | 7.326 | 509.360 | 500.000 | 1.9 |
| Aroclor-1260-5 | 7.463 | 7.367 | 7.567 | 503.880 | 500.000 | 0.8 |
| Decachlorobiphenyl | 8.883 | 8.788 | 8.988 | 45.030 | 50.000 | -9.9 |
| Tetrachloro-m-xylene | 3.828 | 3.730 | 3.930 | 49.540 | 50.000 | -0.9 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 20:20
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:35:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.526 | 3.828 | 76038375 | 47364569 | 51.811 | 49.543 |
| 2) | SA Decachlor... | 10.256 | 8.883 | 52252755 | 48818891 | 45.875 | 45.032 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.680 | 4.917 | 23307946 | 16881366 | 467.785 | 505.452 |
| 4) | L1 AR-1016-2 | 5.702 | 4.935 | 33355894 | 23292714 | 471.275 | 499.905 |
| 5) | L1 AR-1016-3 | 5.764 | 5.113 | 20318159 | 13044160 | 462.592 | 521.091 |
| 6) | L1 AR-1016-4 | 5.861 | 5.155 | 17028085 | 10157682 | 469.593 | 506.095 |
| 7) | L1 AR-1016-5 | 6.154 | 5.370 | 16137165 | 14517451 | 481.153 | 559.514 |
| 31) | L7 AR-1260-1 | 7.274 | 6.408 | 28273833 | 24111924 | 484.473 | 486.723 |
| 32) | L7 AR-1260-2 | 7.528 | 6.596 | 35837287 | 31704831 | 438.509 | 484.634 |
| 33) | L7 AR-1260-3 | 7.887 | 6.750 | 29782858 | 27190528 | 474.544 | 450.756 |
| 34) | L7 AR-1260-4 | 8.111 | 7.223 | 29182191 | 24891325 | 460.280 | 509.365 |
| 35) | L7 AR-1260-5 | 8.433 | 7.463 | 62037689 | 60050033 | 472.904 | 503.882 |

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

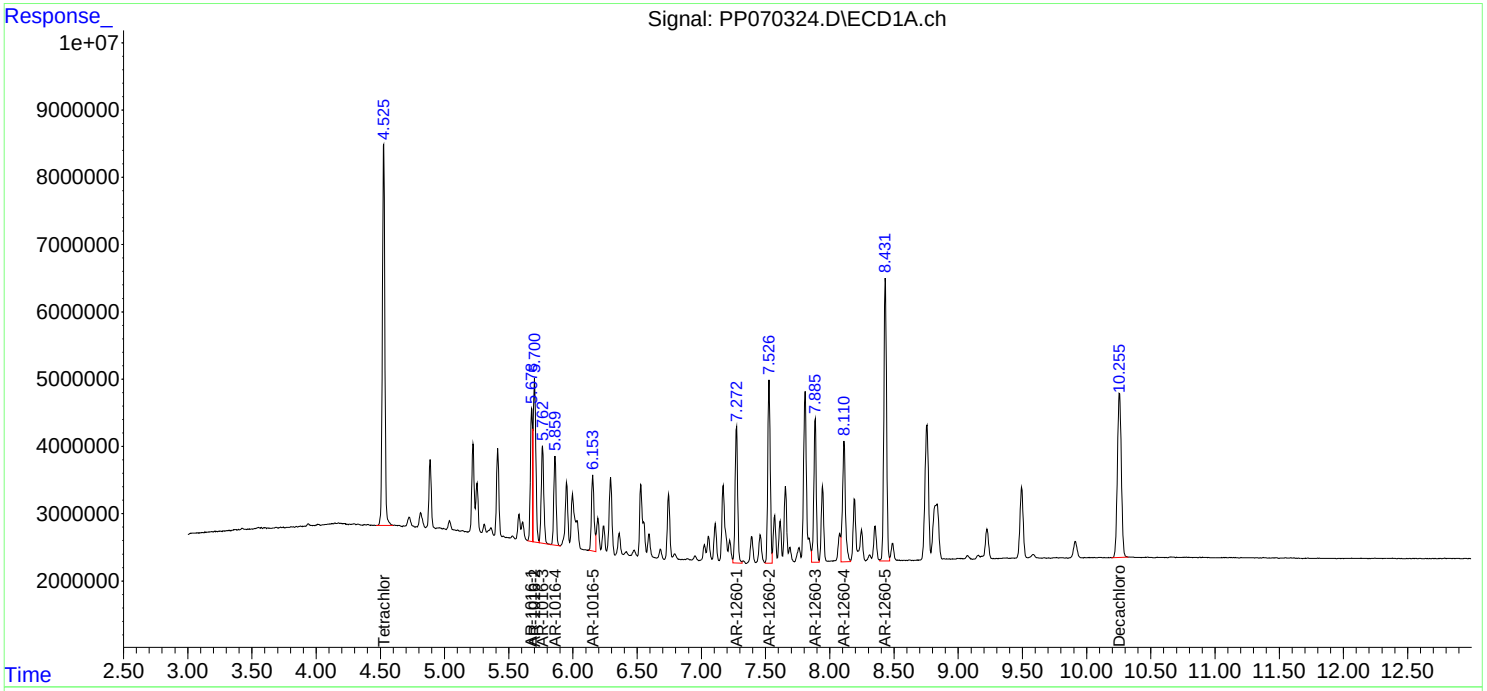
Sample Results: **PP070324.D**

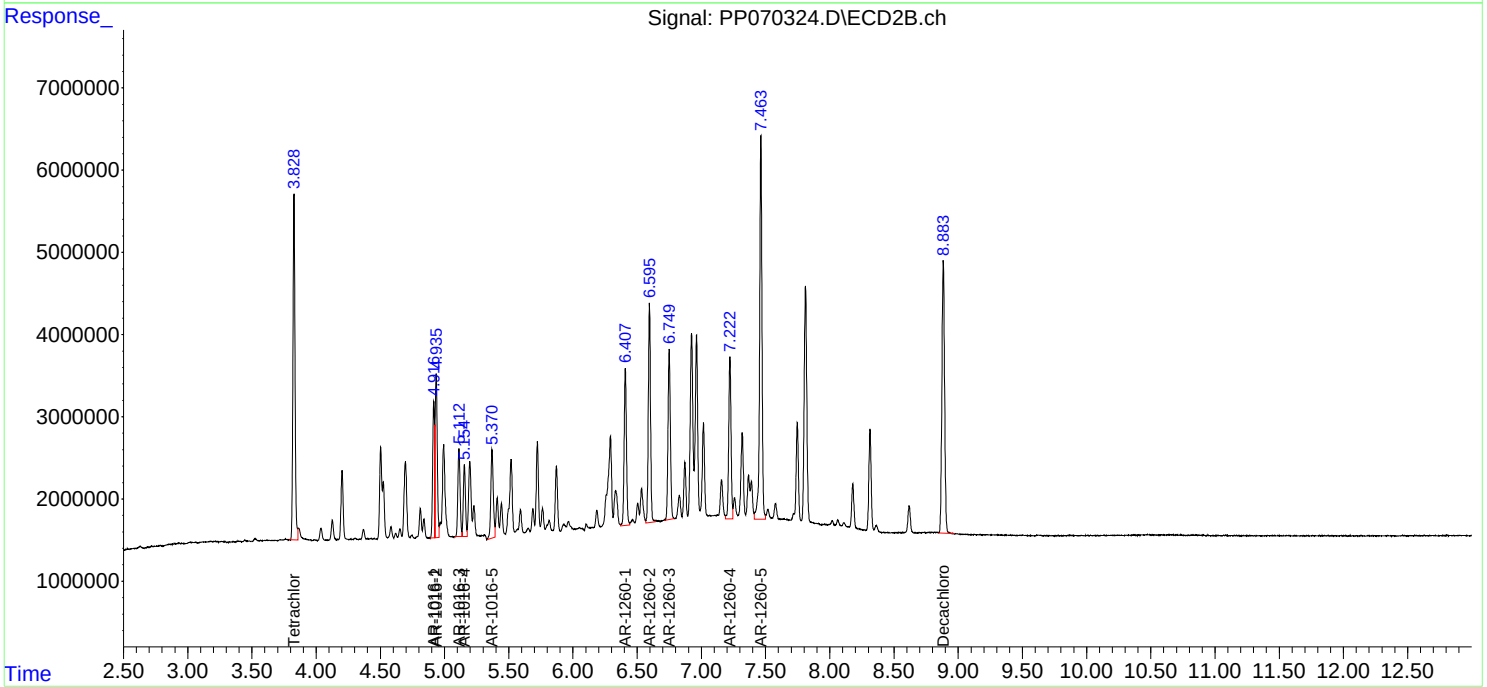
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 20:20
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:35:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PP070338.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 03/07/2025 **Initial Calibration Date(s):** 02/24/2025 02/24/2025

**Continuing Calib Time:** 08:57 **Initial Calibration Time(s):** 14:59 22:17

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 5.68 | 5.68 | 5.58 | 5.78 | 0.00 |
| Aroclor-1016-2 | (2) | 5.70 | 5.70 | 5.60 | 5.80 | 0.00 |
| Aroclor-1016-3 | (3) | 5.76 | 5.77 | 5.67 | 5.87 | 0.01 |
| Aroclor-1016-4 | (4) | 5.86 | 5.86 | 5.76 | 5.96 | 0.00 |
| Aroclor-1016-5 | (5) | 6.15 | 6.16 | 6.06 | 6.26 | 0.01 |
| Aroclor-1260-1 | (1) | 7.27 | 7.28 | 7.18 | 7.38 | 0.01 |
| Aroclor-1260-2 | (2) | 7.53 | 7.53 | 7.43 | 7.63 | 0.00 |
| Aroclor-1260-3 | (3) | 7.89 | 7.89 | 7.79 | 7.99 | 0.00 |
| Aroclor-1260-4 | (4) | 8.11 | 8.11 | 8.01 | 8.21 | 0.00 |
| Aroclor-1260-5 | (5) | 8.43 | 8.43 | 8.33 | 8.53 | 0.00 |
| Tetrachloro-m-xylene | | 4.53 | 4.53 | 4.43 | 4.63 | 0.00 |
| Decachlorobiphenyl | | 10.26 | 10.26 | 10.16 | 10.36 | 0.00 |

Raw Data: **PP070338.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 03/07/2025 **Initial Calibration Date(s):** 02/24/2025 02/24/2025

**Continuing Calib Time:** 08:57 **Initial Calibration Time(s):** 14:59 22:17

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.92 | 4.92 | 4.82 | 5.02 | 0.00 |
| Aroclor-1016-2 | (2) | 4.94 | 4.94 | 4.84 | 5.04 | 0.00 |
| Aroclor-1016-3 | (3) | 5.11 | 5.12 | 5.02 | 5.22 | 0.01 |
| Aroclor-1016-4 | (4) | 5.16 | 5.16 | 5.06 | 5.26 | 0.00 |
| Aroclor-1016-5 | (5) | 5.37 | 5.37 | 5.27 | 5.47 | 0.00 |
| Aroclor-1260-1 | (1) | 6.41 | 6.41 | 6.31 | 6.51 | 0.00 |
| Aroclor-1260-2 | (2) | 6.60 | 6.60 | 6.50 | 6.70 | 0.01 |
| Aroclor-1260-3 | (3) | 6.75 | 6.75 | 6.65 | 6.85 | 0.00 |
| Aroclor-1260-4 | (4) | 7.22 | 7.23 | 7.13 | 7.33 | 0.01 |
| Aroclor-1260-5 | (5) | 7.46 | 7.47 | 7.37 | 7.57 | 0.01 |
| Tetrachloro-m-xylene | | 3.83 | 3.83 | 3.73 | 3.93 | 0.00 |
| Decachlorobiphenyl | | 8.88 | 8.89 | 8.79 | 8.99 | 0.01 |

Raw Data: **PP070338.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/24/2025 02/24/2025

**Client Sample No.:** CCAL10 **Date Analyzed:** 03/07/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP070338.D **Time Analyzed:** 08:57

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 5.679 | 5.581 | 5.781 | 485.660 | 500.000 | -2.9 |
| Aroclor-1016-2 | 5.701 | 5.602 | 5.802 | 495.030 | 500.000 | -1.0 |
| Aroclor-1016-3 | 5.763 | 5.665 | 5.865 | 483.780 | 500.000 | -3.2 |
| Aroclor-1016-4 | 5.860 | 5.762 | 5.962 | 491.160 | 500.000 | -1.8 |
| Aroclor-1016-5 | 6.154 | 6.056 | 6.256 | 494.980 | 500.000 | -1.0 |
| Aroclor-1260-1 | 7.273 | 7.175 | 7.375 | 501.550 | 500.000 | 0.3 |
| Aroclor-1260-2 | 7.527 | 7.429 | 7.629 | 486.050 | 500.000 | -2.8 |
| Aroclor-1260-3 | 7.886 | 7.788 | 7.988 | 526.040 | 500.000 | 5.2 |
| Aroclor-1260-4 | 8.111 | 8.012 | 8.212 | 511.390 | 500.000 | 2.3 |
| Aroclor-1260-5 | 8.432 | 8.333 | 8.533 | 500.900 | 500.000 | 0.2 |
| Decachlorobiphenyl | 10.256 | 10.156 | 10.356 | 49.190 | 50.000 | -1.6 |
| Tetrachloro-m-xylene | 4.527 | 4.427 | 4.627 | 54.290 | 50.000 | 8.6 |

Raw Data: **PP070338.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/24/2025 02/24/2025

**Client Sample No.:** CCAL10 **Date Analyzed:** 03/07/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP070338.D **Time Analyzed:** 08:57

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.917 | 4.820 | 5.020 | 500.370 | 500.000 | 0.1 |
| Aroclor-1016-2 | 4.936 | 4.839 | 5.039 | 505.120 | 500.000 | 1.0 |
| Aroclor-1016-3 | 5.113 | 5.017 | 5.217 | 522.060 | 500.000 | 4.4 |
| Aroclor-1016-4 | 5.155 | 5.058 | 5.258 | 522.480 | 500.000 | 4.5 |
| Aroclor-1016-5 | 5.370 | 5.273 | 5.473 | 514.150 | 500.000 | 2.8 |
| Aroclor-1260-1 | 6.407 | 6.312 | 6.512 | 479.610 | 500.000 | -4.1 |
| Aroclor-1260-2 | 6.595 | 6.500 | 6.700 | 487.620 | 500.000 | -2.5 |
| Aroclor-1260-3 | 6.749 | 6.654 | 6.854 | 454.350 | 500.000 | -9.1 |
| Aroclor-1260-4 | 7.221 | 7.126 | 7.326 | 526.710 | 500.000 | 5.3 |
| Aroclor-1260-5 | 7.462 | 7.367 | 7.567 | 537.250 | 500.000 | 7.5 |
| Decachlorobiphenyl | 8.882 | 8.788 | 8.988 | 48.280 | 50.000 | -3.4 |
| Tetrachloro-m-xylene | 3.829 | 3.730 | 3.930 | 51.020 | 50.000 | 2.0 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070338.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 08:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 11:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.527 | 3.829 | 79681980 | 48777883 | 54.293 | 51.021 |
| 2) | SA Decachlor... | 10.256 | 8.882 | 56028687 | 52345953 | 49.190 | 48.285 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.679 | 4.917 | 24198468 | 16711790 | 485.658 | 500.374 |
| 4) | L1 AR-1016-2 | 5.701 | 4.936 | 35037440 | 23535756 | 495.033 | 505.122 |
| 5) | L1 AR-1016-3 | 5.763 | 5.113 | 21248956 | 13068420 | 483.784 | 522.060 |
| 6) | L1 AR-1016-4 | 5.860 | 5.155 | 17810104 | 10486518 | 491.159 | 522.479 |
| 7) | L1 AR-1016-5 | 6.154 | 5.370 | 16600925 | 13340413 | 494.980 | 514.150 |
| 31) | L7 AR-1260-1 | 7.273 | 6.407 | 29270163 | 23759481 | 501.545 | 479.609 |
| 32) | L7 AR-1260-2 | 7.527 | 6.595 | 39722432 | 31899928 | 486.048 | 487.617 |
| 33) | L7 AR-1260-3 | 7.886 | 6.749 | 33014898 | 27407208 | 526.041 | 454.348 |
| 34) | L7 AR-1260-4 | 8.111 | 7.221 | 32422668 | 25739072 | 511.391 | 526.713 |
| 35) | L7 AR-1260-5 | 8.432 | 7.462 | 65710625 | 64026931 | 500.902 | 537.252 |

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

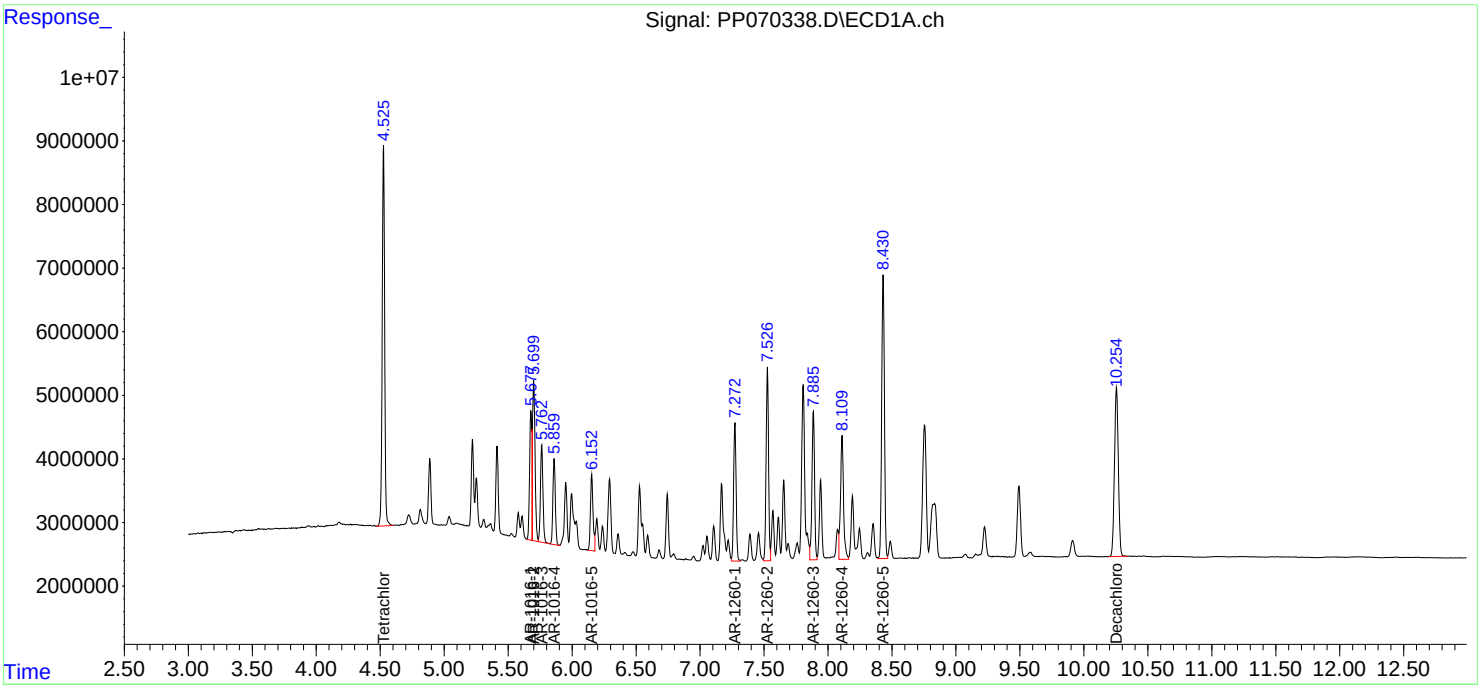
Sample Results: **PP070338.D**

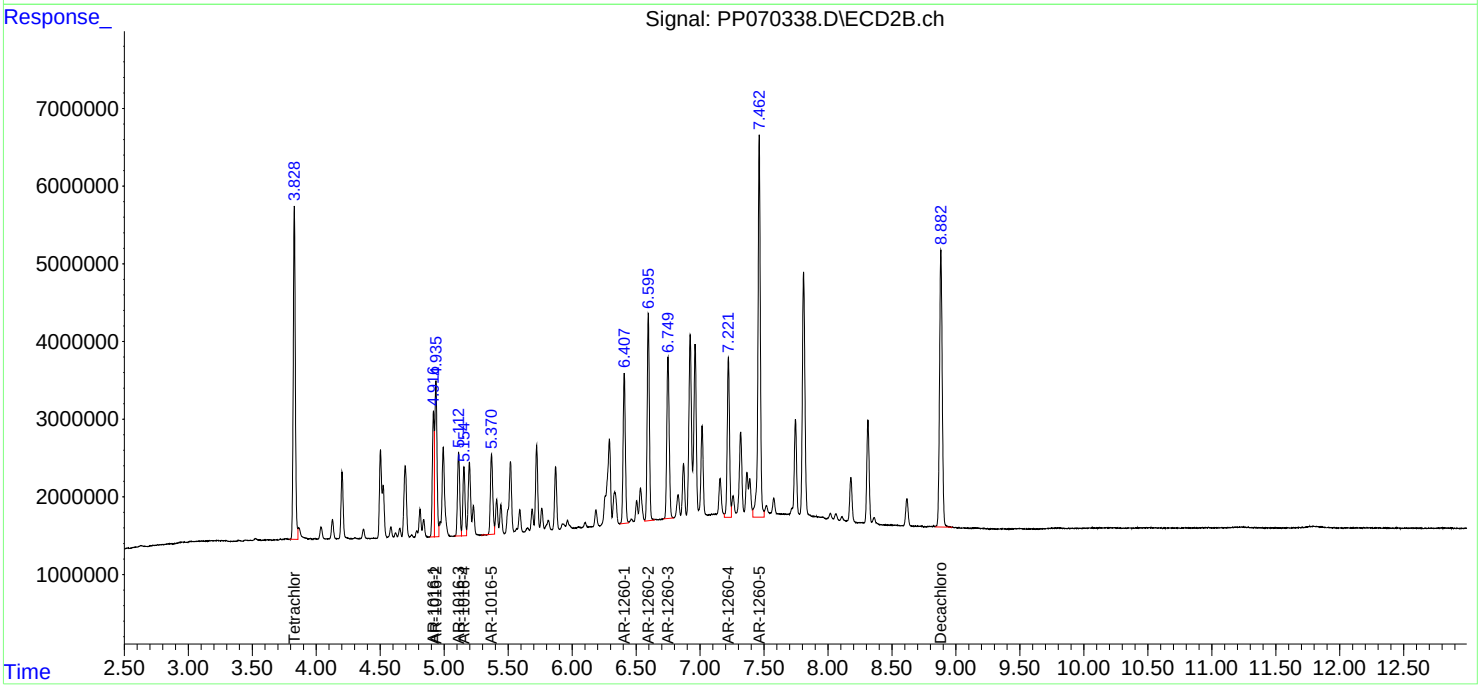
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070338.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 08:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 11:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PP070344.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 03/07/2025 **Initial Calibration Date(s):** 02/24/2025 02/24/2025

**Continuing Calib Time:** 10:58 **Initial Calibration Time(s):** 14:59 22:17

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 5.68 | 5.68 | 5.58 | 5.78 | 0.00 |
| Aroclor-1016-2 | (2) | 5.70 | 5.70 | 5.60 | 5.80 | 0.00 |
| Aroclor-1016-3 | (3) | 5.76 | 5.77 | 5.67 | 5.87 | 0.01 |
| Aroclor-1016-4 | (4) | 5.86 | 5.86 | 5.76 | 5.96 | 0.00 |
| Aroclor-1016-5 | (5) | 6.15 | 6.16 | 6.06 | 6.26 | 0.01 |
| Aroclor-1260-1 | (1) | 7.27 | 7.28 | 7.18 | 7.38 | 0.01 |
| Aroclor-1260-2 | (2) | 7.53 | 7.53 | 7.43 | 7.63 | 0.00 |
| Aroclor-1260-3 | (3) | 7.88 | 7.89 | 7.79 | 7.99 | 0.01 |
| Aroclor-1260-4 | (4) | 8.11 | 8.11 | 8.01 | 8.21 | 0.00 |
| Aroclor-1260-5 | (5) | 8.43 | 8.43 | 8.33 | 8.53 | 0.00 |
| Tetrachloro-m-xylene | | 4.53 | 4.53 | 4.43 | 4.63 | 0.00 |
| Decachlorobiphenyl | | 10.25 | 10.26 | 10.16 | 10.36 | 0.01 |

Raw Data: **PP070344.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**Continuing Calib Date:** 03/07/2025 **Initial Calibration Date(s):** 02/24/2025 02/24/2025

**Continuing Calib Time:** 10:58 **Initial Calibration Time(s):** 14:59 22:17

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.92 | 4.92 | 4.82 | 5.02 | 0.00 |
| Aroclor-1016-2 | (2) | 4.94 | 4.94 | 4.84 | 5.04 | 0.01 |
| Aroclor-1016-3 | (3) | 5.11 | 5.12 | 5.02 | 5.22 | 0.01 |
| Aroclor-1016-4 | (4) | 5.15 | 5.16 | 5.06 | 5.26 | 0.01 |
| Aroclor-1016-5 | (5) | 5.37 | 5.37 | 5.27 | 5.47 | 0.00 |
| Aroclor-1260-1 | (1) | 6.41 | 6.41 | 6.31 | 6.51 | 0.00 |
| Aroclor-1260-2 | (2) | 6.59 | 6.60 | 6.50 | 6.70 | 0.01 |
| Aroclor-1260-3 | (3) | 6.75 | 6.75 | 6.65 | 6.85 | 0.00 |
| Aroclor-1260-4 | (4) | 7.22 | 7.23 | 7.13 | 7.33 | 0.01 |
| Aroclor-1260-5 | (5) | 7.46 | 7.47 | 7.37 | 7.57 | 0.01 |
| Tetrachloro-m-xylene | | 3.83 | 3.83 | 3.73 | 3.93 | 0.00 |
| Decachlorobiphenyl | | 8.88 | 8.89 | 8.79 | 8.99 | 0.01 |

Raw Data: **PP070344.D**

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## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/24/2025 02/24/2025

**Client Sample No.:** CCAL11 **Date Analyzed:** 03/07/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP070344.D **Time Analyzed:** 10:58

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 5.677 | 5.581 | 5.781 | 480.930 | 500.000 | -3.8 |
| Aroclor-1016-2 | 5.699 | 5.602 | 5.802 | 500.630 | 500.000 | 0.1 |
| Aroclor-1016-3 | 5.762 | 5.665 | 5.865 | 483.140 | 500.000 | -3.4 |
| Aroclor-1016-4 | 5.858 | 5.762 | 5.962 | 491.090 | 500.000 | -1.8 |
| Aroclor-1016-5 | 6.152 | 6.056 | 6.256 | 494.120 | 500.000 | -1.2 |
| Aroclor-1260-1 | 7.272 | 7.175 | 7.375 | 497.790 | 500.000 | -0.4 |
| Aroclor-1260-2 | 7.525 | 7.429 | 7.629 | 482.220 | 500.000 | -3.6 |
| Aroclor-1260-3 | 7.884 | 7.788 | 7.988 | 522.690 | 500.000 | 4.5 |
| Aroclor-1260-4 | 8.108 | 8.012 | 8.212 | 516.070 | 500.000 | 3.2 |
| Aroclor-1260-5 | 8.429 | 8.333 | 8.533 | 506.350 | 500.000 | 1.3 |
| Decachlorobiphenyl | 10.251 | 10.156 | 10.356 | 49.190 | 50.000 | -1.6 |
| Tetrachloro-m-xylene | 4.525 | 4.427 | 4.627 | 53.970 | 50.000 | 7.9 |

Raw Data: **PP070344.D**

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## CALIBRATION VERIFICATION SUMMARY

**Contract:** ATCE02

**Lab Code:** CHEM **Case No.:** Q1436 **SAS No.:** Q1436 **SDG NO.:** Q1436

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 02/24/2025 02/24/2025

**Client Sample No.:** CCAL11 **Date Analyzed:** 03/07/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP070344.D **Time Analyzed:** 10:58

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.916 | 4.820 | 5.020 | 505.660 | 500.000 | 1.1 |
| Aroclor-1016-2 | 4.935 | 4.839 | 5.039 | 503.030 | 500.000 | 0.6 |
| Aroclor-1016-3 | 5.112 | 5.017 | 5.217 | 522.440 | 500.000 | 4.5 |
| Aroclor-1016-4 | 5.154 | 5.058 | 5.258 | 515.150 | 500.000 | 3.0 |
| Aroclor-1016-5 | 5.369 | 5.273 | 5.473 | 528.830 | 500.000 | 5.8 |
| Aroclor-1260-1 | 6.406 | 6.312 | 6.512 | 487.230 | 500.000 | -2.6 |
| Aroclor-1260-2 | 6.594 | 6.500 | 6.700 | 492.820 | 500.000 | -1.4 |
| Aroclor-1260-3 | 6.748 | 6.654 | 6.854 | 461.080 | 500.000 | -7.8 |
| Aroclor-1260-4 | 7.221 | 7.126 | 7.326 | 526.310 | 500.000 | 5.3 |
| Aroclor-1260-5 | 7.462 | 7.367 | 7.567 | 540.800 | 500.000 | 8.2 |
| Decachlorobiphenyl | 8.881 | 8.788 | 8.988 | 46.780 | 50.000 | -6.4 |
| Tetrachloro-m-xylene | 3.828 | 3.730 | 3.930 | 50.560 | 50.000 | 1.1 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 10:58
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 11:07:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.525 | 3.828 | 79209260 | 48338415 | 53.971 | 50.561 |
| 2) | SA | Decachlor... | 10.251 | 8.881 | 56024945 | 50716474 | 49.186 | 46.782 |
| | Target Compounds | | | | | | | |
| 3) | L1 | AR-1016-1 | 5.677 | 4.916 | 23962660 | 16888239 | 480.925 | 505.657 |
| 4) | L1 | AR-1016-2 | 5.699 | 4.935 | 35433274 | 23438226 | 500.626 | 503.028 |
| 5) | L1 | AR-1016-3 | 5.762 | 5.112 | 21220627 | 13077867 | 483.139 | 522.437 |
| 6) | L1 | AR-1016-4 | 5.858 | 5.154 | 17807649 | 10339453 | 491.092 | 515.152 |
| 7) | L1 | AR-1016-5 | 6.152 | 5.369 | 16572007 | 13721358 | 494.118 | 528.832 |
| 31) | L7 | AR-1260-1 | 7.272 | 6.406 | 29050815 | 24137077 | 497.787 | 487.231 |
| 32) | L7 | AR-1260-2 | 7.525 | 6.594 | 39409593 | 32240210 | 482.220 | 492.818 |
| 33) | L7 | AR-1260-3 | 7.884 | 6.748 | 32804670 | 27813516 | 522.691 | 461.084 |
| 34) | L7 | AR-1260-4 | 8.108 | 7.221 | 32719563 | 25719168 | 516.073 | 526.305 |
| 35) | L7 | AR-1260-5 | 8.429 | 7.462 | 66424771 | 64449944 | 506.346 | 540.802 |

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

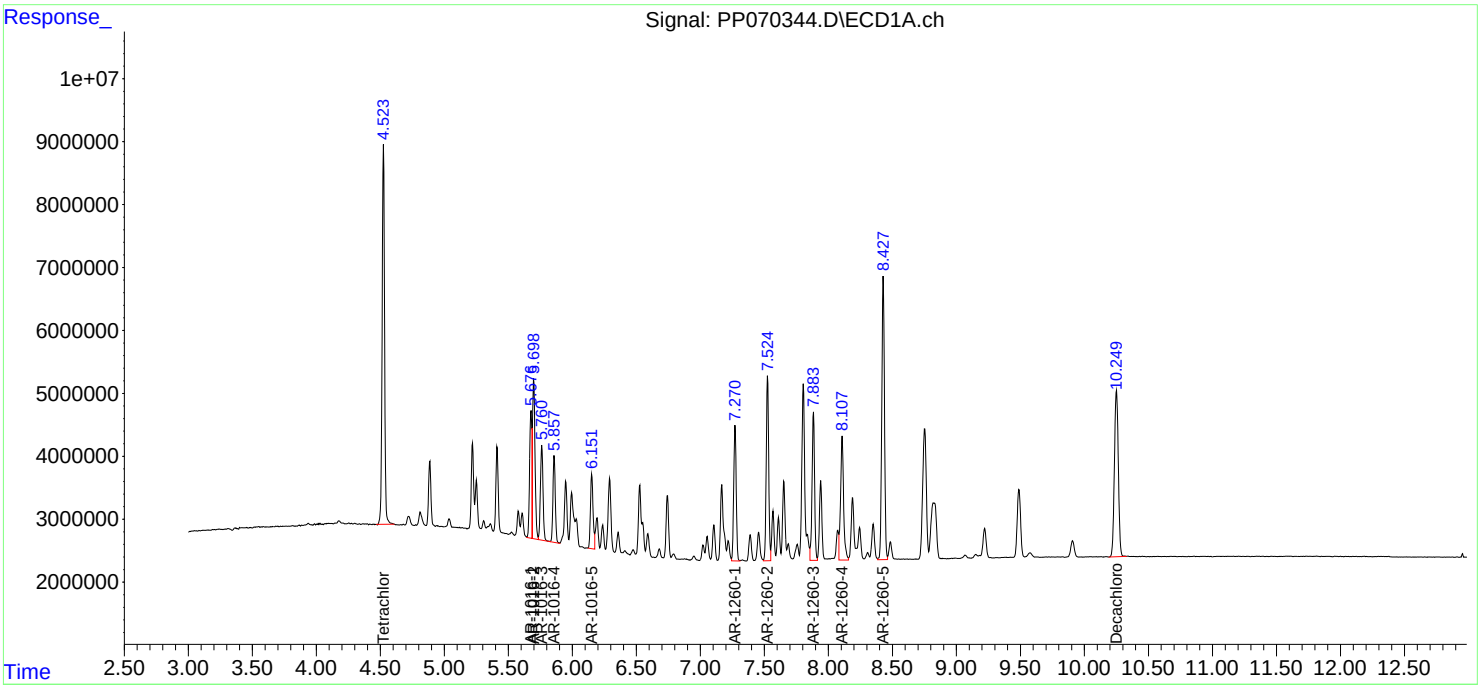
Sample Results: **PP070344.D**

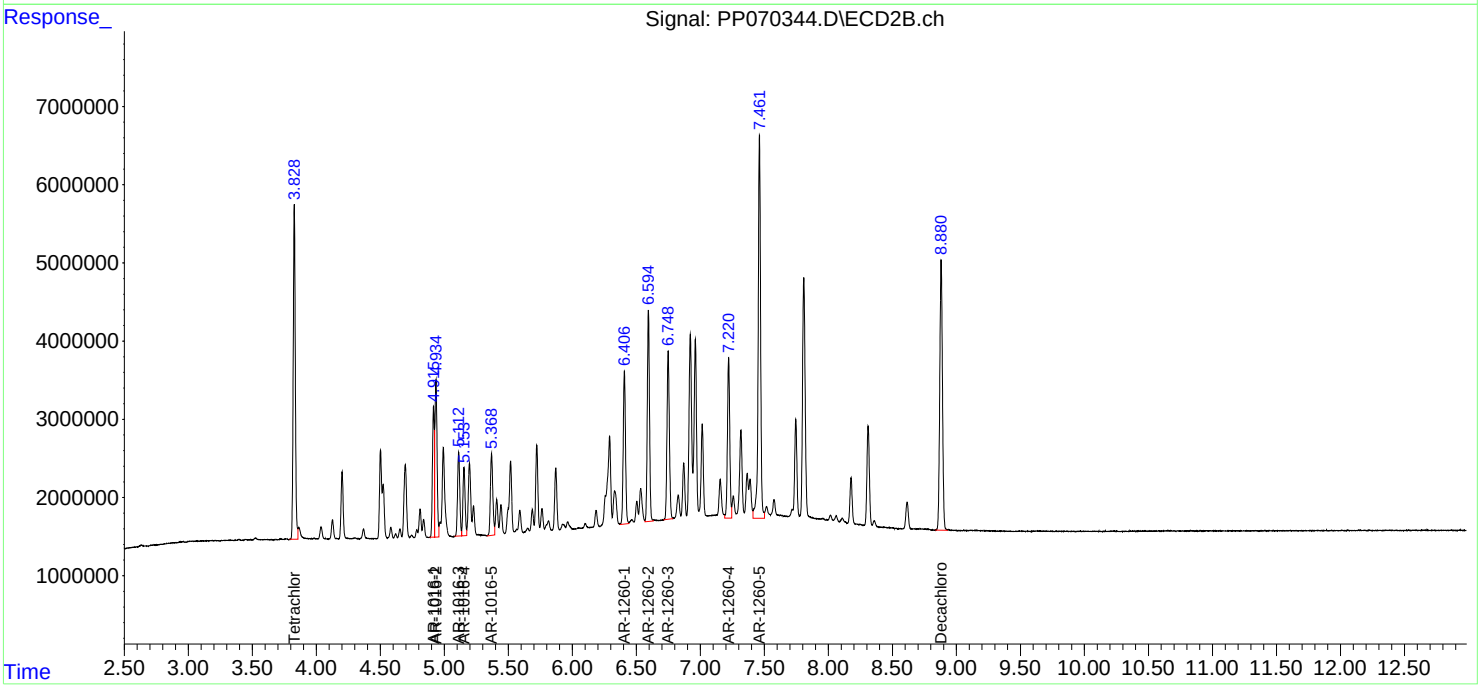
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 10:58
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 11:07:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



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Fax : 908 789 8922

# Analytical Sequence

**Client:** ATC Group Services LLC **SDG No.:** Q1436

**Project:** K084-SCA PCBs NYC - 2022SCA421 **Instrument ID:** ECD_O

**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 02/20/2025 02/20/2025

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

| EPA SAMPLE NO. | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DATAFILE | DCB RT # | TCX RT # |
|---|---|---|---|---|---|---|
| I.BLK | I.BLK | 02/20/2025 | 16:28 | PO109425.D | 8.76 | 3.70 |
| AR1660ICC1000 | AR1660ICC1000 | 02/20/2025 | 16:46 | PO109426.D | 8.76 | 3.70 |
| AR1660ICC750 | AR1660ICC750 | 02/20/2025 | 17:04 | PO109427.D | 8.76 | 3.70 |
| AR1660ICC500 | AR1660ICC500 | 02/20/2025 | 17:23 | PO109428.D | 8.76 | 3.70 |
| AR1660ICC250 | AR1660ICC250 | 02/20/2025 | 17:41 | PO109429.D | 8.76 | 3.70 |
| AR1660ICC050 | AR1660ICC050 | 02/20/2025 | 17:59 | PO109430.D | 8.76 | 3.70 |
| AR1221ICC500 | AR1221ICC500 | 02/20/2025 | 18:18 | PO109431.D | 8.76 | 3.70 |
| AR1232ICC500 | AR1232ICC500 | 02/20/2025 | 18:36 | PO109432.D | 8.76 | 3.70 |
| AR1242ICC1000 | AR1242ICC1000 | 02/20/2025 | 18:55 | PO109433.D | 8.76 | 3.70 |
| AR1242ICC750 | AR1242ICC750 | 02/20/2025 | 19:13 | PO109434.D | 8.76 | 3.70 |
| AR1242ICC500 | AR1242ICC500 | 02/20/2025 | 19:31 | PO109435.D | 8.76 | 3.70 |
| AR1242ICC250 | AR1242ICC250 | 02/20/2025 | 19:50 | PO109436.D | 8.76 | 3.70 |
| AR1242ICC050 | AR1242ICC050 | 02/20/2025 | 20:08 | PO109437.D | 8.76 | 3.70 |
| AR1248ICC1000 | AR1248ICC1000 | 02/20/2025 | 20:26 | PO109438.D | 8.76 | 3.70 |
| AR1248ICC750 | AR1248ICC750 | 02/20/2025 | 20:45 | PO109439.D | 8.76 | 3.70 |
| AR1248ICC500 | AR1248ICC500 | 02/20/2025 | 21:03 | PO109440.D | 8.76 | 3.70 |
| AR1248ICC250 | AR1248ICC250 | 02/20/2025 | 21:21 | PO109441.D | 8.76 | 3.70 |
| AR1248ICC050 | AR1248ICC050 | 02/20/2025 | 21:40 | PO109442.D | 8.75 | 3.70 |
| AR1254ICC1000 | AR1254ICC1000 | 02/20/2025 | 21:58 | PO109443.D | 8.75 | 3.70 |
| AR1254ICC750 | AR1254ICC750 | 02/20/2025 | 22:17 | PO109444.D | 8.76 | 3.70 |
| AR1254ICC500 | AR1254ICC500 | 02/20/2025 | 22:35 | PO109445.D | 8.76 | 3.70 |
| AR1254ICC250 | AR1254ICC250 | 02/20/2025 | 22:53 | PO109446.D | 8.76 | 3.70 |
| AR1254ICC050 | AR1254ICC050 | 02/20/2025 | 23:12 | PO109447.D | 8.76 | 3.70 |
| AR1262ICC500 | AR1262ICC500 | 02/20/2025 | 23:30 | PO109448.D | 8.75 | 3.70 |
| AR1268ICC1000 | AR1268ICC1000 | 02/20/2025 | 23:48 | PO109449.D | 8.76 | 3.70 |
| AR1268ICC750 | AR1268ICC750 | 02/21/2025 | 00:07 | PO109450.D | 8.76 | 3.70 |
| AR1268ICC500 | AR1268ICC500 | 02/21/2025 | 00:25 | PO109451.D | 8.75 | 3.70 |
| AR1268ICC250 | AR1268ICC250 | 02/21/2025 | 00:43 | PO109452.D | 8.76 | 3.70 |
| AR1268ICC050 | AR1268ICC050 | 02/21/2025 | 01:02 | PO109453.D | 8.75 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 02/27/2025 | 17:49 | PO109533.D | 8.76 | 3.70 |
| I.BLK | I.BLK | 02/27/2025 | 20:12 | PO109537.D | 8.76 | 3.70 |
| PB166889BL | PB166889BL | 02/27/2025 | 22:57 | PO109546.D | 8.76 | 3.70 |
| PB166889BS | PB166889BS | 02/27/2025 | 23:16 | PO109547.D | 8.76 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 02/28/2025 | 00:02 | PO109548.D | 8.76 | 3.70 |
| I.BLK | I.BLK | 02/28/2025 | 01:14 | PO109552.D | 8.76 | 3.70 |
| K084-5AMS | Q1434-03MS | 02/28/2025 | 04:16 | PO109562.D | 8.76 | 3.70 |
| K084-5AMSD | Q1434-03MSD | 02/28/2025 | 04:34 | PO109563.D | 8.76 | 3.70 |
| K084-8A | Q1436-01 | 02/28/2025 | 06:05 | PO109568.D | 8.76 | 3.70 |
| K084-9A | Q1436-04 | 02/28/2025 | 06:23 | PO109569.D | 8.76 | 3.70 |
| K084-10A | Q1436-07 | 02/28/2025 | 06:42 | PO109570.D | 8.75 | 3.70 |
| K084-11A | Q1436-10 | 02/28/2025 | 07:00 | PO109571.D | 8.76 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 02/28/2025 | 08:19 | PO109573.D | 8.75 | 3.70 |

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# Analytical Sequence

| | | | | | | |
|---|---|---|---|---|---|---|
| I.BLK | I.BLK | 02/28/2025 | 08:38 | PO109574.D | 8.75 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 02/28/2025 | 18:46 | PO109600.D | 8.75 | 3.70 |
| I.BLK | I.BLK | 02/28/2025 | 19:04 | PO109601.D | 8.75 | 3.69 |
| K084-8ADL | Q1436-01DL | 02/28/2025 | 21:12 | PO109608.D | 8.75 | 3.70 |
| K084-8ADL2 | Q1436-01DL2 | 02/28/2025 | 21:30 | PO109609.D | 0.00 | 0.00 |
| K084-9ADL | Q1436-04DL | 02/28/2025 | 21:49 | PO109610.D | 8.75 | 3.70 |
| K084-10ADL | Q1436-07DL | 02/28/2025 | 22:07 | PO109611.D | 8.75 | 3.70 |
| K084-10ADL2 | Q1436-07DL2 | 02/28/2025 | 22:26 | PO109612.D | 0.00 | 0.00 |
| K084-11ADL | Q1436-10DL | 02/28/2025 | 22:44 | PO109613.D | 8.76 | 3.70 |
| K084-11ADL2 | Q1436-10DL2 | 02/28/2025 | 23:02 | PO109614.D | 0.00 | 0.00 |
| AR1660CCC500 | AR1660CCC500 | 03/01/2025 | 01:30 | PO109619.D | 8.75 | 3.70 |
| I.BLK | I.BLK | 03/01/2025 | 01:49 | PO109620.D | 8.75 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 03/06/2025 | 22:19 | PO109677.D | 8.75 | 3.70 |
| I.BLK | I.BLK | 03/07/2025 | 00:09 | PO109681.D | 8.76 | 3.70 |
| PB167022BL | PB167022BL | 03/07/2025 | 00:28 | PO109682.D | 8.75 | 3.70 |
| PB167022BS | PB167022BS | 03/07/2025 | 00:46 | PO109683.D | 8.76 | 3.70 |
| K084-4CMS | Q1434-02MS | 03/07/2025 | 02:18 | PO109688.D | 8.75 | 3.70 |
| K084-4CMSD | Q1434-02MSD | 03/07/2025 | 02:37 | PO109689.D | 8.75 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 03/07/2025 | 04:29 | PO109692.D | 8.75 | 3.70 |
| I.BLK | I.BLK | 03/07/2025 | 06:19 | PO109696.D | 8.75 | 3.70 |
| I.BLK | I.BLK | 02/24/2025 | 14:43 | PP069995.D | 10.25 | 4.53 |
| AR1660ICC1000 | AR1660ICC1000 | 02/24/2025 | 14:59 | PP069996.D | 10.25 | 4.52 |
| AR1660ICC750 | AR1660ICC750 | 02/24/2025 | 15:15 | PP069997.D | 10.26 | 4.53 |
| AR1660ICC500 | AR1660ICC500 | 02/24/2025 | 15:32 | PP069998.D | 10.26 | 4.53 |
| AR1660ICC250 | AR1660ICC250 | 02/24/2025 | 15:48 | PP069999.D | 10.25 | 4.52 |
| AR1660ICC050 | AR1660ICC050 | 02/24/2025 | 16:04 | PP070000.D | 10.26 | 4.53 |
| AR1221ICC500 | AR1221ICC500 | 02/24/2025 | 16:20 | PP070001.D | 10.25 | 4.52 |
| AR1232ICC500 | AR1232ICC500 | 02/24/2025 | 16:37 | PP070002.D | 10.26 | 4.53 |
| AR1242ICC1000 | AR1242ICC1000 | 02/24/2025 | 16:53 | PP070003.D | 10.26 | 4.53 |
| AR1242ICC750 | AR1242ICC750 | 02/24/2025 | 17:09 | PP070004.D | 10.25 | 4.52 |
| AR1242ICC500 | AR1242ICC500 | 02/24/2025 | 17:25 | PP070005.D | 10.26 | 4.53 |
| AR1242ICC250 | AR1242ICC250 | 02/24/2025 | 17:42 | PP070006.D | 10.25 | 4.53 |
| AR1242ICC050 | AR1242ICC050 | 02/24/2025 | 17:58 | PP070007.D | 10.26 | 4.53 |
| AR1248ICC1000 | AR1248ICC1000 | 02/24/2025 | 18:14 | PP070008.D | 10.26 | 4.53 |
| AR1248ICC750 | AR1248ICC750 | 02/24/2025 | 18:30 | PP070009.D | 10.26 | 4.53 |
| AR1248ICC500 | AR1248ICC500 | 02/24/2025 | 18:46 | PP070010.D | 10.26 | 4.53 |
| AR1248ICC250 | AR1248ICC250 | 02/24/2025 | 19:03 | PP070011.D | 10.26 | 4.53 |
| AR1248ICC050 | AR1248ICC050 | 02/24/2025 | 19:19 | PP070012.D | 10.25 | 4.52 |
| AR1254ICC1000 | AR1254ICC1000 | 02/24/2025 | 19:35 | PP070013.D | 10.26 | 4.53 |
| AR1254ICC750 | AR1254ICC750 | 02/24/2025 | 19:51 | PP070014.D | 10.25 | 4.52 |
| AR1254ICC500 | AR1254ICC500 | 02/24/2025 | 20:08 | PP070015.D | 10.26 | 4.53 |
| AR1254ICC250 | AR1254ICC250 | 02/24/2025 | 20:24 | PP070016.D | 10.26 | 4.53 |
| AR1254ICC050 | AR1254ICC050 | 02/24/2025 | 20:40 | PP070017.D | 10.26 | 4.52 |
| AR1262ICC500 | AR1262ICC500 | 02/24/2025 | 20:56 | PP070018.D | 10.25 | 4.53 |
| AR1268ICC1000 | AR1268ICC1000 | 02/24/2025 | 21:12 | PP070019.D | 10.25 | 4.52 |
| AR1268ICC750 | AR1268ICC750 | 02/24/2025 | 21:29 | PP070020.D | 10.25 | 4.53 |
| AR1268ICC500 | AR1268ICC500 | 02/24/2025 | 21:45 | PP070021.D | 10.26 | 4.53 |
| AR1268ICC250 | AR1268ICC250 | 02/24/2025 | 22:01 | PP070022.D | 10.25 | 4.52 |
| AR1268ICC050 | AR1268ICC050 | 02/24/2025 | 22:17 | PP070023.D | 10.26 | 4.53 |
| AR1660CCC500 | AR1660CCC500 | 03/06/2025 | 15:31 | PP070309.D | 10.26 | 4.53 |
| I.BLK | I.BLK | 03/06/2025 | 16:38 | PP070313.D | 10.26 | 4.52 |
| K084-8B | Q1436-02 | 03/06/2025 | 18:16 | PP070319.D | 10.26 | 4.53 |

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# Analytical Sequence

| | | | | | | |
|---|---|---|---|---|---|---|
| K084-8C | Q1436-03 | 03/06/2025 | 18:32 | PP070320.D | 10.26 | 4.53 |
| K084-9B | Q1436-05 | 03/06/2025 | 18:48 | PP070321.D | 10.26 | 4.53 |
| K084-9C | Q1436-06 | 03/06/2025 | 19:05 | PP070322.D | 10.26 | 4.53 |
| K084-10B | Q1436-08 | 03/06/2025 | 19:21 | PP070323.D | 10.26 | 4.52 |
| AR1660CCC500 | AR1660CCC500 | 03/06/2025 | 20:20 | PP070324.D | 10.26 | 4.53 |
| I.BLK | I.BLK | 03/06/2025 | 21:58 | PP070328.D | 10.26 | 4.53 |
| K084-10C | Q1436-09 | 03/06/2025 | 22:14 | PP070329.D | 10.26 | 4.53 |
| AR1660CCC500 | AR1660CCC500 | 03/07/2025 | 08:57 | PP070338.D | 10.26 | 4.53 |
| I.BLK | I.BLK | 03/07/2025 | 09:15 | PP070339.D | 10.26 | 4.53 |
| K084-8BDL | Q1436-02DL | 03/07/2025 | 09:48 | PP070341.D | 10.25 | 4.53 |
| K084-10BDL | Q1436-08DL | 03/07/2025 | 10:04 | PP070342.D | 10.26 | 4.53 |
| K084-10BDL2 | Q1436-08DL2 | 03/07/2025 | 10:20 | PP070343.D | 10.25 | 4.53 |
| AR1660CCC500 | AR1660CCC500 | 03/07/2025 | 10:58 | PP070344.D | 10.25 | 4.53 |
| I.BLK | I.BLK | 03/07/2025 | 12:03 | PP070348.D | 10.25 | 4.53 |

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# Analytical Sequence

**Client:** ATC Group Services LLC **SDG No.:** Q1436

**Project:** K084-SCA PCBs NYC - 2022SCA421 **Instrument ID:** ECD_O

**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 02/20/2025 02/20/2025

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

| EPA SAMPLE NO. | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DATAFILE | DCB RT # | TCX RT # |
|---|---|---|---|---|---|---|
| I.BLK | I.BLK | 02/20/2025 | 16:28 | PO109425.D | 8.71 | 3.69 |
| AR1660ICC1000 | AR1660ICC1000 | 02/20/2025 | 16:46 | PO109426.D | 8.71 | 3.69 |
| AR1660ICC750 | AR1660ICC750 | 02/20/2025 | 17:04 | PO109427.D | 8.71 | 3.69 |
| AR1660ICC500 | AR1660ICC500 | 02/20/2025 | 17:23 | PO109428.D | 8.71 | 3.69 |
| AR1660ICC250 | AR1660ICC250 | 02/20/2025 | 17:41 | PO109429.D | 8.71 | 3.69 |
| AR1660ICC050 | AR1660ICC050 | 02/20/2025 | 17:59 | PO109430.D | 8.71 | 3.69 |
| AR1221ICC500 | AR1221ICC500 | 02/20/2025 | 18:18 | PO109431.D | 8.71 | 3.69 |
| AR1232ICC500 | AR1232ICC500 | 02/20/2025 | 18:36 | PO109432.D | 8.71 | 3.69 |
| AR1242ICC1000 | AR1242ICC1000 | 02/20/2025 | 18:55 | PO109433.D | 8.71 | 3.69 |
| AR1242ICC750 | AR1242ICC750 | 02/20/2025 | 19:13 | PO109434.D | 8.71 | 3.69 |
| AR1242ICC500 | AR1242ICC500 | 02/20/2025 | 19:31 | PO109435.D | 8.71 | 3.69 |
| AR1242ICC250 | AR1242ICC250 | 02/20/2025 | 19:50 | PO109436.D | 8.71 | 3.69 |
| AR1242ICC050 | AR1242ICC050 | 02/20/2025 | 20:08 | PO109437.D | 8.71 | 3.69 |
| AR1248ICC1000 | AR1248ICC1000 | 02/20/2025 | 20:26 | PO109438.D | 8.71 | 3.69 |
| AR1248ICC750 | AR1248ICC750 | 02/20/2025 | 20:45 | PO109439.D | 8.71 | 3.69 |
| AR1248ICC500 | AR1248ICC500 | 02/20/2025 | 21:03 | PO109440.D | 8.71 | 3.69 |
| AR1248ICC250 | AR1248ICC250 | 02/20/2025 | 21:21 | PO109441.D | 8.71 | 3.69 |
| AR1248ICC050 | AR1248ICC050 | 02/20/2025 | 21:40 | PO109442.D | 8.71 | 3.69 |
| AR1254ICC1000 | AR1254ICC1000 | 02/20/2025 | 21:58 | PO109443.D | 8.71 | 3.69 |
| AR1254ICC750 | AR1254ICC750 | 02/20/2025 | 22:17 | PO109444.D | 8.71 | 3.69 |
| AR1254ICC500 | AR1254ICC500 | 02/20/2025 | 22:35 | PO109445.D | 8.71 | 3.69 |
| AR1254ICC250 | AR1254ICC250 | 02/20/2025 | 22:53 | PO109446.D | 8.71 | 3.69 |
| AR1254ICC050 | AR1254ICC050 | 02/20/2025 | 23:12 | PO109447.D | 8.71 | 3.69 |
| AR1262ICC500 | AR1262ICC500 | 02/20/2025 | 23:30 | PO109448.D | 8.71 | 3.69 |
| AR1268ICC1000 | AR1268ICC1000 | 02/20/2025 | 23:48 | PO109449.D | 8.71 | 3.69 |
| AR1268ICC750 | AR1268ICC750 | 02/21/2025 | 00:07 | PO109450.D | 8.71 | 3.69 |
| AR1268ICC500 | AR1268ICC500 | 02/21/2025 | 00:25 | PO109451.D | 8.71 | 3.69 |
| AR1268ICC250 | AR1268ICC250 | 02/21/2025 | 00:43 | PO109452.D | 8.71 | 3.69 |
| AR1268ICC050 | AR1268ICC050 | 02/21/2025 | 01:02 | PO109453.D | 8.70 | 3.69 |
| AR1660CCC500 | AR1660CCC500 | 02/27/2025 | 17:49 | PO109533.D | 8.71 | 3.70 |
| I.BLK | I.BLK | 02/27/2025 | 20:12 | PO109537.D | 8.71 | 3.70 |
| PB166889BL | PB166889BL | 02/27/2025 | 22:57 | PO109546.D | 8.71 | 3.70 |
| PB166889BS | PB166889BS | 02/27/2025 | 23:16 | PO109547.D | 8.71 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 02/28/2025 | 00:02 | PO109548.D | 8.71 | 3.70 |
| I.BLK | I.BLK | 02/28/2025 | 01:14 | PO109552.D | 8.71 | 3.70 |
| K084-5AMS | Q1434-03MS | 02/28/2025 | 04:16 | PO109562.D | 8.71 | 3.69 |
| K084-5AMSD | Q1434-03MSD | 02/28/2025 | 04:34 | PO109563.D | 8.71 | 3.69 |
| K084-8A | Q1436-01 | 02/28/2025 | 06:05 | PO109568.D | 8.71 | 3.70 |
| K084-9A | Q1436-04 | 02/28/2025 | 06:23 | PO109569.D | 8.71 | 3.69 |
| K084-10A | Q1436-07 | 02/28/2025 | 06:42 | PO109570.D | 8.71 | 3.69 |
| K084-11A | Q1436-10 | 02/28/2025 | 07:00 | PO109571.D | 8.71 | 3.69 |
| AR1660CCC500 | AR1660CCC500 | 02/28/2025 | 08:19 | PO109573.D | 8.71 | 3.70 |

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Fax : 908 789 8922

# Analytical Sequence

| | | | | | | |
|---|---|---|---|---|---|---|
| I.BLK | I.BLK | 02/28/2025 | 08:38 | PO109574.D | 8.71 | 3.69 |
| AR1660CCC500 | AR1660CCC500 | 02/28/2025 | 18:46 | PO109600.D | 8.71 | 3.70 |
| I.BLK | I.BLK | 02/28/2025 | 19:04 | PO109601.D | 8.71 | 3.69 |
| K084-8ADL | Q1436-01DL | 02/28/2025 | 21:12 | PO109608.D | 8.71 | 3.69 |
| K084-8ADL2 | Q1436-01DL2 | 02/28/2025 | 21:30 | PO109609.D | 0.00 | 0.00 |
| K084-9ADL | Q1436-04DL | 02/28/2025 | 21:49 | PO109610.D | 8.71 | 3.69 |
| K084-10ADL | Q1436-07DL | 02/28/2025 | 22:07 | PO109611.D | 8.70 | 3.69 |
| K084-10ADL2 | Q1436-07DL2 | 02/28/2025 | 22:26 | PO109612.D | 0.00 | 0.00 |
| K084-11ADL | Q1436-10DL | 02/28/2025 | 22:44 | PO109613.D | 8.71 | 3.69 |
| K084-11ADL2 | Q1436-10DL2 | 02/28/2025 | 23:02 | PO109614.D | 0.00 | 0.00 |
| AR1660CCC500 | AR1660CCC500 | 03/01/2025 | 01:30 | PO109619.D | 8.71 | 3.70 |
| I.BLK | I.BLK | 03/01/2025 | 01:49 | PO109620.D | 8.71 | 3.70 |
| AR1660CCC500 | AR1660CCC500 | 03/06/2025 | 22:19 | PO109677.D | 8.71 | 3.69 |
| I.BLK | I.BLK | 03/07/2025 | 00:09 | PO109681.D | 8.71 | 3.69 |
| PB167022BL | PB167022BL | 03/07/2025 | 00:28 | PO109682.D | 8.71 | 3.69 |
| PB167022BS | PB167022BS | 03/07/2025 | 00:46 | PO109683.D | 8.71 | 3.69 |
| K084-4CMS | Q1434-02MS | 03/07/2025 | 02:18 | PO109688.D | 8.71 | 3.69 |
| K084-4CMSD | Q1434-02MSD | 03/07/2025 | 02:37 | PO109689.D | 8.70 | 3.69 |
| AR1660CCC500 | AR1660CCC500 | 03/07/2025 | 04:29 | PO109692.D | 8.71 | 3.70 |
| I.BLK | I.BLK | 03/07/2025 | 06:19 | PO109696.D | 8.70 | 3.69 |
| I.BLK | I.BLK | 02/24/2025 | 14:43 | PP069995.D | 8.89 | 3.83 |
| AR1660ICC1000 | AR1660ICC1000 | 02/24/2025 | 14:59 | PP069996.D | 8.89 | 3.83 |
| AR1660ICC750 | AR1660ICC750 | 02/24/2025 | 15:15 | PP069997.D | 8.89 | 3.83 |
| AR1660ICC500 | AR1660ICC500 | 02/24/2025 | 15:32 | PP069998.D | 8.89 | 3.83 |
| AR1660ICC250 | AR1660ICC250 | 02/24/2025 | 15:48 | PP069999.D | 8.89 | 3.83 |
| AR1660ICC050 | AR1660ICC050 | 02/24/2025 | 16:04 | PP070000.D | 8.89 | 3.83 |
| AR1221ICC500 | AR1221ICC500 | 02/24/2025 | 16:20 | PP070001.D | 8.89 | 3.83 |
| AR1232ICC500 | AR1232ICC500 | 02/24/2025 | 16:37 | PP070002.D | 8.89 | 3.83 |
| AR1242ICC1000 | AR1242ICC1000 | 02/24/2025 | 16:53 | PP070003.D | 8.89 | 3.83 |
| AR1242ICC750 | AR1242ICC750 | 02/24/2025 | 17:09 | PP070004.D | 8.89 | 3.83 |
| AR1242ICC500 | AR1242ICC500 | 02/24/2025 | 17:25 | PP070005.D | 8.89 | 3.83 |
| AR1242ICC250 | AR1242ICC250 | 02/24/2025 | 17:42 | PP070006.D | 8.89 | 3.83 |
| AR1242ICC050 | AR1242ICC050 | 02/24/2025 | 17:58 | PP070007.D | 8.89 | 3.83 |
| AR1248ICC1000 | AR1248ICC1000 | 02/24/2025 | 18:14 | PP070008.D | 8.89 | 3.83 |
| AR1248ICC750 | AR1248ICC750 | 02/24/2025 | 18:30 | PP070009.D | 8.89 | 3.83 |
| AR1248ICC500 | AR1248ICC500 | 02/24/2025 | 18:46 | PP070010.D | 8.89 | 3.83 |
| AR1248ICC250 | AR1248ICC250 | 02/24/2025 | 19:03 | PP070011.D | 8.89 | 3.83 |
| AR1248ICC050 | AR1248ICC050 | 02/24/2025 | 19:19 | PP070012.D | 8.89 | 3.83 |
| AR1254ICC1000 | AR1254ICC1000 | 02/24/2025 | 19:35 | PP070013.D | 8.89 | 3.83 |
| AR1254ICC750 | AR1254ICC750 | 02/24/2025 | 19:51 | PP070014.D | 8.89 | 3.83 |
| AR1254ICC500 | AR1254ICC500 | 02/24/2025 | 20:08 | PP070015.D | 8.89 | 3.83 |
| AR1254ICC250 | AR1254ICC250 | 02/24/2025 | 20:24 | PP070016.D | 8.89 | 3.83 |
| AR1254ICC050 | AR1254ICC050 | 02/24/2025 | 20:40 | PP070017.D | 8.89 | 3.83 |
| AR1262ICC500 | AR1262ICC500 | 02/24/2025 | 20:56 | PP070018.D | 8.89 | 3.83 |
| AR1268ICC1000 | AR1268ICC1000 | 02/24/2025 | 21:12 | PP070019.D | 8.89 | 3.83 |
| AR1268ICC750 | AR1268ICC750 | 02/24/2025 | 21:29 | PP070020.D | 8.89 | 3.83 |
| AR1268ICC500 | AR1268ICC500 | 02/24/2025 | 21:45 | PP070021.D | 8.89 | 3.83 |
| AR1268ICC250 | AR1268ICC250 | 02/24/2025 | 22:01 | PP070022.D | 8.89 | 3.83 |
| AR1268ICC050 | AR1268ICC050 | 02/24/2025 | 22:17 | PP070023.D | 8.89 | 3.83 |
| AR1660CCC500 | AR1660CCC500 | 03/06/2025 | 15:31 | PP070309.D | 8.89 | 3.83 |
| I.BLK | I.BLK | 03/06/2025 | 16:38 | PP070313.D | 8.89 | 3.83 |
| K084-8B | Q1436-02 | 03/06/2025 | 18:16 | PP070319.D | 8.89 | 3.83 |

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# Analytical Sequence

| | | | | | | |
|---|---|---|---|---|---|---|
| K084-8C | Q1436-03 | 03/06/2025 | 18:32 | PP070320.D | 8.89 | 3.83 |
| K084-9B | Q1436-05 | 03/06/2025 | 18:48 | PP070321.D | 8.89 | 3.83 |
| K084-9C | Q1436-06 | 03/06/2025 | 19:05 | PP070322.D | 8.88 | 3.83 |
| K084-10B | Q1436-08 | 03/06/2025 | 19:21 | PP070323.D | 8.89 | 3.83 |
| AR1660CCC500 | AR1660CCC500 | 03/06/2025 | 20:20 | PP070324.D | 8.88 | 3.83 |
| I.BLK | I.BLK | 03/06/2025 | 21:58 | PP070328.D | 8.88 | 3.83 |
| K084-10C | Q1436-09 | 03/06/2025 | 22:14 | PP070329.D | 8.88 | 3.83 |
| AR1660CCC500 | AR1660CCC500 | 03/07/2025 | 08:57 | PP070338.D | 8.88 | 3.83 |
| I.BLK | I.BLK | 03/07/2025 | 09:15 | PP070339.D | 8.88 | 3.83 |
| K084-8BDL | Q1436-02DL | 03/07/2025 | 09:48 | PP070341.D | 8.88 | 3.83 |
| K084-10BDL | Q1436-08DL | 03/07/2025 | 10:04 | PP070342.D | 8.88 | 3.83 |
| K084-10BDL2 | Q1436-08DL2 | 03/07/2025 | 10:20 | PP070343.D | 8.88 | 3.83 |
| AR1660CCC500 | AR1660CCC500 | 03/07/2025 | 10:58 | PP070344.D | 8.88 | 3.83 |
| I.BLK | I.BLK | 03/07/2025 | 12:03 | PP070348.D | 8.88 | 3.83 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB166889BS

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: PB166889BS Date(s) Analyzed: 02/27/2025 02/27/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109547.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 1 | 4.791 | 4.741 | 4.841 | 142 | | |
| | 2 | 4.811 | 4.761 | 4.861 | 142 | | |
| | 3 | 4.867 | 4.817 | 4.917 | 139 | | |
| COLUMN 1 | 4 | 4.988 | 4.938 | 5.038 | 140 | | |
| | 5 | 5.246 | 5.196 | 5.296 | 128 | 138 | |
| | 1 | 4.779 | 4.729 | 4.829 | 151 | | |
| | 2 | 4.798 | 4.748 | 4.848 | 151 | | |
| | 3 | 4.974 | 4.924 | 5.024 | 143 | | |
| | 4 | 5.015 | 4.965 | 5.065 | 134 | | |
| COLUMN 2 | 5 | 5.229 | 5.179 | 5.279 | 133 | 142 | 2.86 |
| Aroclor-1260 | 1 | 6.288 | 6.238 | 6.338 | 121 | | |
| | 2 | 6.477 | 6.427 | 6.527 | 118 | | |
| | 3 | 6.845 | 6.795 | 6.895 | 100 | | |
| COLUMN 1 | 4 | 7.105 | 7.055 | 7.155 | 95.4 | | |
| | 5 | 7.347 | 7.297 | 7.397 | 103 | 108 | |
| | 1 | 6.262 | 6.212 | 6.312 | 144 | | |
| | 2 | 6.449 | 6.399 | 6.499 | 140 | | |
| | 3 | 6.602 | 6.552 | 6.652 | 130 | | |
| | 4 | 7.074 | 7.024 | 7.124 | 111 | | |
| COLUMN 2 | 5 | 7.315 | 7.265 | 7.365 | 124 | 130 | 18.49 |

Alliance TECHNICAL GROUP
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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-5AMS

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1434-03MS Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109562.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 1 | 4.791 | 4.741 | 4.841 | 204 | | |
| | 2 | 4.81 | 4.76 | 4.86 | 189 | | |
| | 3 | 4.866 | 4.816 | 4.916 | 196 | | |
| COLUMN 1 | 4 | 4.987 | 4.937 | 5.037 | 187 | | |
| | 5 | 5.244 | 5.194 | 5.294 | 322 | 219 | |
| | 1 | 4.778 | 4.728 | 4.828 | 229 | | |
| | 2 | 4.797 | 4.747 | 4.847 | 215 | | |
| | 3 | 4.973 | 4.923 | 5.023 | 211 | | |
| | 4 | 5.015 | 4.965 | 5.065 | 619 | | |
| COLUMN 2 | 5 | 5.228 | 5.178 | 5.278 | 366 | 328 | 39.85 |
| Aroclor-1254 | 1 | 5.6 | 5.55 | 5.65 | 897 | | |
| | 2 | 5.75 | 5.7 | 5.8 | 1340 | | |
| | 3 | 6.156 | 6.106 | 6.206 | 1790 | | |
| COLUMN 1 | 4 | 6.385 | 6.335 | 6.435 | 2020 | | |
| | 5 | 6.805 | 6.755 | 6.855 | 4630 | 2100 | |
| | 1 | 5.58 | 5.53 | 5.63 | 1030 | | |
| | 2 | 5.728 | 5.678 | 5.778 | 1480 | | |
| | 3 | 6.131 | 6.081 | 6.181 | 2060 | | |
| | 4 | 6.359 | 6.309 | 6.409 | 2350 | | |
| COLUMN 2 | 5 | 6.776 | 6.726 | 6.826 | 5300 | 2400 | 13.33 |

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Fax : 908 789 8922

**IDENTIFICATION SUMMARY**

**FOR MULTICOMPONENT ANALYTES**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Aroclor-1260 | 1 | 6.287 | 6.237 | 6.337 | 1440 | | |
| | 2 | 6.476 | 6.426 | 6.526 | 1250 | | |
| | 3 | 6.877 | 6.827 | 6.927 | 189 | | |
| COLUMN 1 | 4 | 7.105 | 7.055 | 7.155 | 366 | | |
| | 5 | 7.347 | 7.297 | 7.397 | 301 | 709 | |
| | 1 | 6.262 | 6.212 | 6.312 | 1590 | | |
| | 2 | 6.449 | 6.399 | 6.499 | 1350 | | |
| | 3 | 6.602 | 6.552 | 6.652 | 1320 | | |
| | 4 | 7.074 | 7.024 | 7.124 | 398 | | |
| COLUMN 2 | 5 | 7.315 | 7.265 | 7.365 | 353 | 1000 | 34.06 |
| Aroclor-1268 | 1 | 7.633 | 7.583 | 7.683 | 70.9 | | |
| | 2 | 7.694 | 7.644 | 7.744 | 248 | | |
| | 3 | 7.906 | 7.856 | 7.956 | 39.5 | | |
| COLUMN 1 | 4 | 8.194 | 8.144 | 8.244 | 135 | | |
| | 5 | 8.493 | 8.443 | 8.543 | 40.8 | 107 | |
| | 1 | 7.599 | 7.549 | 7.649 | 79.0 | | |
| | 2 | 7.661 | 7.611 | 7.711 | 275 | | |
| | 3 | 7.871 | 7.821 | 7.921 | 42.7 | | |
| | 4 | 8.156 | 8.106 | 8.206 | 161 | | |
| COLUMN 2 | 5 | 8.45 | 8.4 | 8.5 | 52.7 | 122 | 13.1 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-5AMSD

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1434-03MSD Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109563.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 1 | 4.791 | 4.741 | 4.841 | 202 | | |
| | 2 | 4.811 | 4.761 | 4.861 | 188 | | |
| | 3 | 4.866 | 4.816 | 4.916 | 196 | | |
| COLUMN 1 | 4 | 4.988 | 4.938 | 5.038 | 186 | | |
| | 5 | 5.245 | 5.195 | 5.295 | 322 | 219 | |
| | 1 | 4.778 | 4.728 | 4.828 | 229 | | |
| | 2 | 4.797 | 4.747 | 4.847 | 215 | | |
| | 3 | 4.973 | 4.923 | 5.023 | 212 | | |
| | 4 | 5.015 | 4.965 | 5.065 | 622 | | |
| COLUMN 2 | 5 | 5.228 | 5.178 | 5.278 | 365 | 328 | 39.85 |
| Aroclor-1254 | 1 | 5.601 | 5.551 | 5.651 | 899 | | |
| | 2 | 5.75 | 5.7 | 5.8 | 1330 | | |
| | 3 | 6.156 | 6.106 | 6.206 | 1790 | | |
| COLUMN 1 | 4 | 6.385 | 6.335 | 6.435 | 1990 | | |
| | 5 | 6.806 | 6.756 | 6.856 | 4640 | 2100 | |
| | 1 | 5.58 | 5.53 | 5.63 | 1030 | | |
| | 2 | 5.728 | 5.678 | 5.778 | 1490 | | |
| | 3 | 6.131 | 6.081 | 6.181 | 2070 | | |
| | 4 | 6.358 | 6.308 | 6.408 | 2370 | | |
| COLUMN 2 | 5 | 6.776 | 6.726 | 6.826 | 5340 | 2500 | 17.39 |

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**IDENTIFICATION SUMMARY**

**FOR MULTICOMPONENT ANALYTES**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Aroclor-1260 | 1 | 6.288 | 6.238 | 6.338 | 1430 | | |
| | 2 | 6.476 | 6.426 | 6.526 | 1230 | | |
| | 3 | 6.877 | 6.827 | 6.927 | 191 | | |
| COLUMN 1 | 4 | 7.105 | 7.055 | 7.155 | 369 | | |
| | 5 | 7.347 | 7.297 | 7.397 | 303 | 705 | |
| | 1 | 6.261 | 6.211 | 6.311 | 1600 | | |
| | 2 | 6.449 | 6.399 | 6.499 | 1370 | | |
| | 3 | 6.602 | 6.552 | 6.652 | 1340 | | |
| | 4 | 7.074 | 7.024 | 7.124 | 400 | | |
| COLUMN 2 | 5 | 7.314 | 7.264 | 7.364 | 355 | 1000 | 34.6 |
| Aroclor-1268 | 1 | 7.633 | 7.583 | 7.683 | 69.3 | | |
| | 2 | 7.695 | 7.645 | 7.745 | 245 | | |
| | 3 | 7.907 | 7.857 | 7.957 | 39.6 | | |
| COLUMN 1 | 4 | 8.193 | 8.143 | 8.243 | 135 | | |
| | 5 | 8.493 | 8.443 | 8.543 | 43.5 | 106 | |
| | 1 | 7.599 | 7.549 | 7.649 | 78.3 | | |
| | 2 | 7.661 | 7.611 | 7.711 | 275 | | |
| | 3 | 7.871 | 7.821 | 7.921 | 46.0 | | |
| | 4 | 8.156 | 8.106 | 8.206 | 161 | | |
| COLUMN 2 | 5 | 8.45 | 8.4 | 8.5 | 52.5 | 123 | 14.85 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K084-8A

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-01 Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109568.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 5.6 | 5.55 | 5.65 | 2370 | | |
| | 2 | 5.749 | 5.699 | 5.799 | 3720 | | |
| | 3 | 6.155 | 6.105 | 6.205 | 5110 | | |
| COLUMN 1 | 4 | 6.384 | 6.334 | 6.434 | 5970 | | |
| | 5 | 6.805 | 6.755 | 6.855 | 8530 | 5100 | |
| | 1 | 5.579 | 5.529 | 5.629 | 2700 | | |
| | 2 | 5.727 | 5.677 | 5.777 | 4110 | | |
| | 3 | 6.131 | 6.081 | 6.181 | 5940 | | |
| | 4 | 6.358 | 6.308 | 6.408 | 7260 | | |
| COLUMN 2 | 5 | 6.775 | 6.725 | 6.825 | 10100 | 6000 | 16.22 |
| Aroclor-1268 | 1 | 7.627 | 7.577 | 7.677 | 9630 | | |
| | 2 | 7.692 | 7.642 | 7.742 | 10200 | | |
| | 3 | 7.904 | 7.854 | 7.954 | 10900 | | |
| COLUMN 1 | 4 | 8.194 | 8.144 | 8.244 | 15500 | | |
| | 5 | 8.481 | 8.431 | 8.531 | 5360 | 10000 | |
| | 1 | 7.6 | 7.55 | 7.65 | 20700 | | |
| | 2 | 7.664 | 7.614 | 7.714 | 22100 | | |
| | 3 | 7.871 | 7.821 | 7.921 | 20200 | | |
| | 4 | 8.156 | 8.106 | 8.206 | 21700 | | |
| COLUMN 2 | 5 | 8.456 | 8.406 | 8.506 | 14300 | 20000 | 66.67 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K084-9A

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-04 Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109569.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 5.599 | 5.549 | 5.649 | 2490 | | |
| | 2 | 5.749 | 5.699 | 5.799 | 3730 | | |
| | 3 | 6.155 | 6.105 | 6.205 | 4970 | | |
| COLUMN 1 | 4 | 6.385 | 6.335 | 6.435 | 5660 | | |
| | 5 | 6.804 | 6.754 | 6.854 | 10400 | 5500 | |
| | 1 | 5.58 | 5.53 | 5.63 | 2810 | | |
| | 2 | 5.727 | 5.677 | 5.777 | 4100 | | |
| | 3 | 6.13 | 6.08 | 6.18 | 5760 | | |
| | 4 | 6.359 | 6.309 | 6.409 | 6800 | | |
| COLUMN 2 | 5 | 6.776 | 6.726 | 6.826 | 15400 | 7000 | 24 |
| Aroclor-1268 | 1 | 7.632 | 7.582 | 7.682 | 225 | | |
| | 2 | 7.694 | 7.644 | 7.744 | 550 | | |
| | 3 | 7.906 | 7.856 | 7.956 | 198 | | |
| COLUMN 1 | 4 | 8.193 | 8.143 | 8.243 | 234 | | |
| | 5 | 8.492 | 8.442 | 8.542 | 205 | 282 | |
| | 1 | 7.599 | 7.549 | 7.649 | 234 | | |
| | 2 | 7.66 | 7.61 | 7.71 | 602 | | |
| | 3 | 7.871 | 7.821 | 7.921 | 228 | | |
| | 4 | 8.155 | 8.105 | 8.205 | 280 | | |
| COLUMN 2 | 5 | 8.449 | 8.399 | 8.499 | 234 | 315 | 11.06 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K084-10A

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-07 Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109570.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 5.6 | 5.55 | 5.65 | 5510 | | |
| | 2 | 5.75 | 5.7 | 5.8 | 7820 | | |
| | 3 | 6.153 | 6.103 | 6.203 | 9250 | | |
| COLUMN 1 | 4 | 6.388 | 6.338 | 6.438 | 10300 | | |
| | 5 | 6.803 | 6.753 | 6.853 | 18300 | 10000 | |
| | 1 | 5.58 | 5.53 | 5.63 | 6320 | | |
| | 2 | 5.728 | 5.678 | 5.778 | 8690 | | |
| | 3 | 6.131 | 6.081 | 6.181 | 12000 | | |
| | 4 | 6.359 | 6.309 | 6.409 | 14600 | | |
| COLUMN 2 | 5 | 6.776 | 6.726 | 6.826 | 28000 | 14000 | 33.33 |
| Aroclor-1268 | 1 | 7.632 | 7.582 | 7.682 | 264 | | |
| | 2 | 7.693 | 7.643 | 7.743 | 1020 | | |
| | 3 | 7.905 | 7.855 | 7.955 | 219 | | |
| COLUMN 1 | 4 | 8.193 | 8.143 | 8.243 | 309 | | |
| | 5 | 8.491 | 8.441 | 8.541 | 226 | 408 | |
| | 1 | 7.599 | 7.549 | 7.649 | 276 | | |
| | 2 | 7.659 | 7.609 | 7.709 | 1120 | | |
| | 3 | 7.87 | 7.82 | 7.92 | 251 | | |
| | 4 | 8.155 | 8.105 | 8.205 | 365 | | |
| COLUMN 2 | 5 | 8.449 | 8.399 | 8.499 | 259 | 454 | 10.67 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-11A

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-10 Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109571.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 5.601 | 5.551 | 5.651 | 7750 | | |
| | 2 | 5.747 | 5.697 | 5.797 | 8830 | | |
| | 3 | 6.154 | 6.104 | 6.204 | 11100 | | |
| COLUMN 1 | 4 | 6.382 | 6.332 | 6.432 | 13000 | | |
| | 5 | 6.804 | 6.754 | 6.854 | 19500 | 12000 | |
| | 1 | 5.58 | 5.53 | 5.63 | 8940 | | |
| | 2 | 5.728 | 5.678 | 5.778 | 11500 | | |
| | 3 | 6.131 | 6.081 | 6.181 | 15100 | | |
| | 4 | 6.359 | 6.309 | 6.409 | 17700 | | |
| COLUMN 2 | 5 | 6.777 | 6.727 | 6.827 | 32100 | 17000 | 34.48 |
| Aroclor-1268 | 1 | 7.632 | 7.582 | 7.682 | 524 | | |
| | 2 | 7.694 | 7.644 | 7.744 | 1400 | | |
| | 3 | 7.905 | 7.855 | 7.955 | 477 | | |
| COLUMN 1 | 4 | 8.194 | 8.144 | 8.244 | 510 | | |
| | 5 | 8.492 | 8.442 | 8.542 | 489 | 679 | |
| | 1 | 7.599 | 7.549 | 7.649 | 556 | | |
| | 2 | 7.661 | 7.611 | 7.711 | 1530 | | |
| | 3 | 7.871 | 7.821 | 7.921 | 530 | | |
| | 4 | 8.156 | 8.106 | 8.206 | 594 | | |
| COLUMN 2 | 5 | 8.45 | 8.4 | 8.5 | 544 | 751 | 10.07 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-8ADL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-01DL Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109608.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 5.6 | 5.55 | 5.65 | 3350 | | |
| | 2 | 5.749 | 5.699 | 5.799 | 5230 | | |
| | 3 | 6.155 | 6.105 | 6.205 | 6940 | | |
| COLUMN 1 | 4 | 6.384 | 6.334 | 6.434 | 7640 | | |
| | 5 | 6.805 | 6.755 | 6.855 | 11100 | 6900 | |
| | 1 | 5.579 | 5.529 | 5.629 | 3570 | | |
| | 2 | 5.726 | 5.676 | 5.776 | 5430 | | |
| | 3 | 6.129 | 6.079 | 6.179 | 7370 | | |
| | 4 | 6.357 | 6.307 | 6.407 | 8480 | | |
| COLUMN 2 | 5 | 6.776 | 6.726 | 6.826 | 11900 | 7400 | 6.99 |
| Aroclor-1268 | 1 | 7.632 | 7.582 | 7.682 | 28200 | | |
| | 2 | 7.697 | 7.647 | 7.747 | 29300 | | |
| | 3 | 7.906 | 7.856 | 7.956 | 24600 | | |
| COLUMN 1 | 4 | 8.193 | 8.143 | 8.243 | 23400 | | |
| | 5 | 8.492 | 8.442 | 8.542 | 23800 | 26000 | |
| | 1 | 7.598 | 7.548 | 7.648 | 29900 | | |
| | 2 | 7.663 | 7.613 | 7.713 | 31100 | | |
| | 3 | 7.871 | 7.821 | 7.921 | 25900 | | |
| | 4 | 8.155 | 8.105 | 8.205 | 26000 | | |
| COLUMN 2 | 5 | 8.449 | 8.399 | 8.499 | 26000 | 28000 | 7.41 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-8ADL2

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-01DL2 Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109609.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 5.599 | 5.549 | 5.649 | 4040 | | |
| | 2 | 5.748 | 5.698 | 5.798 | 6280 | | |
| | 3 | 6.154 | 6.104 | 6.204 | 7820 | | |
| COLUMN 1 | 4 | 6.383 | 6.333 | 6.433 | 8450 | | |
| | 5 | 6.804 | 6.754 | 6.854 | 12000 | 7700 | |
| | 1 | 5.578 | 5.528 | 5.628 | 4300 | | |
| | 2 | 5.726 | 5.676 | 5.776 | 6570 | | |
| | 3 | 6.129 | 6.079 | 6.179 | 8350 | | |
| | 4 | 6.356 | 6.306 | 6.406 | 9480 | | |
| COLUMN 2 | 5 | 6.775 | 6.725 | 6.825 | 13000 | 8300 | 7.5 |
| Aroclor-1268 | 1 | 7.631 | 7.581 | 7.681 | 28700 | | |
| | 2 | 7.696 | 7.646 | 7.746 | 29800 | | |
| | 3 | 7.904 | 7.854 | 7.954 | 25100 | | |
| COLUMN 1 | 4 | 8.192 | 8.142 | 8.242 | 24500 | | |
| | 5 | 8.491 | 8.441 | 8.541 | 23900 | 26000 | |
| | 1 | 7.598 | 7.548 | 7.648 | 31000 | | |
| | 2 | 7.662 | 7.612 | 7.712 | 32100 | | |
| | 3 | 7.869 | 7.819 | 7.919 | 27000 | | |
| | 4 | 8.154 | 8.104 | 8.204 | 28200 | | |
| COLUMN 2 | 5 | 8.449 | 8.399 | 8.499 | 26800 | 29000 | 10.91 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-9ADL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-04DL Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109610.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 5.6 | 5.55 | 5.65 | 3300 | | |
| | 2 | 5.749 | 5.699 | 5.799 | 4950 | | |
| | 3 | 6.155 | 6.105 | 6.205 | 6430 | | |
| COLUMN 1 | 4 | 6.384 | 6.334 | 6.434 | 6960 | | |
| | 5 | 6.804 | 6.754 | 6.854 | 15400 | 7400 | |
| | 1 | 5.579 | 5.529 | 5.629 | 3520 | | |
| | 2 | 5.727 | 5.677 | 5.777 | 5130 | | |
| | 3 | 6.13 | 6.08 | 6.18 | 6830 | | |
| | 4 | 6.357 | 6.307 | 6.407 | 7660 | | |
| COLUMN 2 | 5 | 6.775 | 6.725 | 6.825 | 16600 | 8000 | 7.79 |
| Aroclor-1268 | 1 | 7.632 | 7.582 | 7.682 | 354 | | |
| | 2 | 7.694 | 7.644 | 7.744 | 758 | | |
| | 3 | 7.905 | 7.855 | 7.955 | 310 | | |
| COLUMN 1 | 4 | 8.192 | 8.142 | 8.242 | 375 | | |
| | 5 | 8.492 | 8.442 | 8.542 | 286 | 417 | |
| | 1 | 7.598 | 7.548 | 7.648 | 371 | | |
| | 2 | 7.66 | 7.61 | 7.71 | 828 | | |
| | 3 | 7.87 | 7.82 | 7.92 | 354 | | |
| | 4 | 8.154 | 8.104 | 8.204 | 428 | | |
| COLUMN 2 | 5 | 8.448 | 8.398 | 8.498 | 342 | 465 | 10.88 |

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-10ADL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-07DL Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109611.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 5.599 | 5.549 | 5.649 | 6850 | | |
| | 2 | 5.748 | 5.698 | 5.798 | 9790 | | |
| | 3 | 6.154 | 6.104 | 6.204 | 13200 | | |
| COLUMN 1 | 4 | 6.384 | 6.334 | 6.434 | 15000 | | |
| | 5 | 6.804 | 6.754 | 6.854 | 30800 | 15000 | |
| | 1 | 5.579 | 5.529 | 5.629 | 7310 | | |
| | 2 | 5.726 | 5.676 | 5.776 | 10100 | | |
| | 3 | 6.13 | 6.08 | 6.18 | 14200 | | |
| | 4 | 6.358 | 6.308 | 6.408 | 16700 | | |
| COLUMN 2 | 5 | 6.775 | 6.725 | 6.825 | 33700 | 16000 | 6.45 |
| Aroclor-1268 | 1 | 7.632 | 7.582 | 7.682 | 352 | | |
| | 2 | 7.693 | 7.643 | 7.743 | 1280 | | |
| | 3 | 7.905 | 7.855 | 7.955 | 305 | | |
| COLUMN 1 | 4 | 8.193 | 8.143 | 8.243 | 447 | | |
| | 5 | 8.492 | 8.442 | 8.542 | 293 | 536 | |
| | 1 | 7.597 | 7.547 | 7.647 | 371 | | |
| | 2 | 7.659 | 7.609 | 7.709 | 1370 | | |
| | 3 | 7.87 | 7.82 | 7.92 | 335 | | |
| | 4 | 8.154 | 8.104 | 8.204 | 509 | | |
| COLUMN 2 | 5 | 8.448 | 8.398 | 8.498 | 334 | 583 | 8.4 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-10ADL2

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-07DL2 Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109612.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 5.6 | 5.55 | 5.65 | 8060 | | |
| | 2 | 5.749 | 5.699 | 5.799 | 11300 | | |
| | 3 | 6.154 | 6.104 | 6.204 | 14600 | | |
| COLUMN 1 | 4 | 6.384 | 6.334 | 6.434 | 16300 | | |
| | 5 | 6.804 | 6.754 | 6.854 | 31900 | 16000 | |
| | 1 | 5.579 | 5.529 | 5.629 | 8560 | | |
| | 2 | 5.727 | 5.677 | 5.777 | 11800 | | |
| | 3 | 6.129 | 6.079 | 6.179 | 15500 | | |
| | 4 | 6.357 | 6.307 | 6.407 | 17800 | | |
| COLUMN 2 | 5 | 6.775 | 6.725 | 6.825 | 34200 | 18000 | 11.76 |
| Aroclor-1268 | 1 | 7.632 | 7.582 | 7.682 | 461 | | |
| | 2 | 7.692 | 7.642 | 7.742 | 1550 | | |
| | 3 | 7.905 | 7.855 | 7.955 | 385 | | |
| COLUMN 1 | 4 | 8.192 | 8.142 | 8.242 | 523 | | |
| | 5 | 8.492 | 8.442 | 8.542 | 357 | 654 | |
| | 1 | 7.597 | 7.547 | 7.647 | 471 | | |
| | 2 | 7.658 | 7.608 | 7.708 | 1600 | | |
| | 3 | 7.869 | 7.819 | 7.919 | 428 | | |
| | 4 | 8.154 | 8.104 | 8.204 | 596 | | |
| COLUMN 2 | 5 | 8.448 | 8.398 | 8.498 | 436 | 707 | 7.79 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-11ADL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-10DL Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109613.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 5.6 | 5.55 | 5.65 | 9410 | | |
| | 2 | 5.75 | 5.7 | 5.8 | 12500 | | |
| | 3 | 6.156 | 6.106 | 6.206 | 16100 | | |
| COLUMN 1 | 4 | 6.384 | 6.334 | 6.434 | 17500 | | |
| | 5 | 6.805 | 6.755 | 6.855 | 34100 | 18000 | |
| | 1 | 5.579 | 5.529 | 5.629 | 10000 | | |
| | 2 | 5.727 | 5.677 | 5.777 | 12900 | | |
| | 3 | 6.131 | 6.081 | 6.181 | 17200 | | |
| | 4 | 6.358 | 6.308 | 6.408 | 19300 | | |
| COLUMN 2 | 5 | 6.775 | 6.725 | 6.825 | 37100 | 19000 | 5.41 |
| Aroclor-1268 | 1 | 7.632 | 7.582 | 7.682 | 641 | | |
| | 2 | 7.694 | 7.644 | 7.744 | 1640 | | |
| | 3 | 7.906 | 7.856 | 7.956 | 593 | | |
| COLUMN 1 | 4 | 8.194 | 8.144 | 8.244 | 674 | | |
| | 5 | 8.492 | 8.442 | 8.542 | 572 | 824 | |
| | 1 | 7.598 | 7.548 | 7.648 | 675 | | |
| | 2 | 7.66 | 7.61 | 7.71 | 1740 | | |
| | 3 | 7.871 | 7.821 | 7.921 | 642 | | |
| | 4 | 8.156 | 8.106 | 8.206 | 757 | | |
| COLUMN 2 | 5 | 8.449 | 8.399 | 8.499 | 634 | 889 | 7.59 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-11ADL2

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-10DL2 Date(s) Analyzed: 02/28/2025 02/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109614.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 5.599 | 5.549 | 5.649 | 12000 | | |
| | 2 | 5.749 | 5.699 | 5.799 | 15900 | | |
| | 3 | 6.154 | 6.104 | 6.204 | 19500 | | |
| COLUMN 1 | 4 | 6.384 | 6.334 | 6.434 | 20600 | | |
| | 5 | 6.805 | 6.755 | 6.855 | 37800 | 21000 | |
| | 1 | 5.579 | 5.529 | 5.629 | 12700 | | |
| | 2 | 5.727 | 5.677 | 5.777 | 16400 | | |
| | 3 | 6.13 | 6.08 | 6.18 | 20500 | | |
| | 4 | 6.358 | 6.308 | 6.408 | 22400 | | |
| COLUMN 2 | 5 | 6.775 | 6.725 | 6.825 | 40300 | 22000 | 4.65 |
| Aroclor-1268 | 1 | 7.631 | 7.581 | 7.681 | 927 | | |
| | 2 | 7.693 | 7.643 | 7.743 | 2310 | | |
| | 3 | 7.905 | 7.855 | 7.955 | 824 | | |
| COLUMN 1 | 4 | 8.192 | 8.142 | 8.242 | 966 | | |
| | 5 | 8.492 | 8.442 | 8.542 | 751 | 1200 | |
| | 1 | 7.597 | 7.547 | 7.647 | 960 | | |
| | 2 | 7.659 | 7.609 | 7.709 | 2270 | | |
| | 3 | 7.87 | 7.82 | 7.92 | 921 | | |
| | 4 | 8.154 | 8.104 | 8.204 | 1030 | | |
| COLUMN 2 | 5 | 8.447 | 8.397 | 8.497 | 897 | 1200 | 0 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167022BS

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: PB167022BS Date(s) Analyzed: 03/07/2025 03/07/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109683.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 1 | 4.791 | 4.741 | 4.841 | 160 | | |
| | 2 | 4.81 | 4.76 | 4.86 | 162 | | |
| | 3 | 4.866 | 4.816 | 4.916 | 160 | | |
| COLUMN 1 | 4 | 4.987 | 4.937 | 5.037 | 161 | | |
| | 5 | 5.244 | 5.194 | 5.294 | 152 | 159 | |
| | 1 | 4.778 | 4.728 | 4.828 | 170 | | |
| | 2 | 4.797 | 4.747 | 4.847 | 173 | | |
| | 3 | 4.973 | 4.923 | 5.023 | 172 | | |
| | 4 | 5.014 | 4.964 | 5.064 | 163 | | |
| COLUMN 2 | 5 | 5.228 | 5.178 | 5.278 | 161 | 168 | 5.5 |
| Aroclor-1260 | 1 | 6.287 | 6.237 | 6.337 | 162 | | |
| | 2 | 6.475 | 6.425 | 6.525 | 163 | | |
| | 3 | 6.844 | 6.794 | 6.894 | 139 | | |
| COLUMN 1 | 4 | 7.105 | 7.055 | 7.155 | 144 | | |
| | 5 | 7.346 | 7.296 | 7.396 | 146 | 151 | |
| | 1 | 6.261 | 6.211 | 6.311 | 171 | | |
| | 2 | 6.449 | 6.399 | 6.499 | 172 | | |
| | 3 | 6.602 | 6.552 | 6.652 | 173 | | |
| | 4 | 7.074 | 7.024 | 7.124 | 149 | | |
| COLUMN 2 | 5 | 7.314 | 7.264 | 7.364 | 154 | 164 | 8.25 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-4CMS

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1434-02MS Date(s) Analyzed: 03/07/2025 03/07/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109688.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 1 | 4.791 | 4.741 | 4.841 | 226 | | |
| | 2 | 4.81 | 4.76 | 4.86 | 220 | | |
| | 3 | 4.867 | 4.817 | 4.917 | 218 | | |
| COLUMN 1 | 4 | 4.987 | 4.937 | 5.037 | 208 | | |
| | 5 | 5.245 | 5.195 | 5.295 | 209 | 216 | |
| | 1 | 4.777 | 4.727 | 4.827 | 249 | | |
| | 2 | 4.796 | 4.746 | 4.846 | 246 | | |
| | 3 | 4.972 | 4.922 | 5.022 | 231 | | |
| | 4 | 5.014 | 4.964 | 5.064 | 326 | | |
| COLUMN 2 | 5 | 5.227 | 5.177 | 5.277 | 233 | 257 | 17.34 |
| Aroclor-1254 | 1 | 5.601 | 5.551 | 5.651 | 420 | | |
| | 2 | 5.749 | 5.699 | 5.799 | 807 | | |
| | 3 | 6.155 | 6.105 | 6.205 | 1120 | | |
| COLUMN 1 | 4 | 6.385 | 6.335 | 6.435 | 795 | | |
| | 5 | 6.805 | 6.755 | 6.855 | 4250 | 1500 | |
| | 1 | 5.579 | 5.529 | 5.629 | 474 | | |
| | 2 | 5.727 | 5.677 | 5.777 | 876 | | |
| | 3 | 6.13 | 6.08 | 6.18 | 1260 | | |
| | 4 | 6.357 | 6.307 | 6.407 | 921 | | |
| COLUMN 2 | 5 | 6.774 | 6.724 | 6.824 | 4820 | 1700 | 12.5 |

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**IDENTIFICATION SUMMARY**

**FOR MULTICOMPONENT ANALYTES**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Aroclor-1260 | 1 | 6.287 | 6.237 | 6.337 | 952 | | |
| | 2 | 6.477 | 6.427 | 6.527 | 841 | | |
| | 3 | 6.877 | 6.827 | 6.927 | 93.0 | | |
| COLUMN 1 | 4 | 7.105 | 7.055 | 7.155 | 368 | | |
| | 5 | 7.347 | 7.297 | 7.397 | 292 | 509 | |
| | 1 | 6.26 | 6.21 | 6.31 | 1030 | | |
| | 2 | 6.448 | 6.398 | 6.498 | 913 | | |
| | 3 | 6.6 | 6.55 | 6.65 | 895 | | |
| | 4 | 7.074 | 7.024 | 7.124 | 392 | | |
| COLUMN 2 | 5 | 7.314 | 7.264 | 7.364 | 321 | 711 | 33.11 |
| Aroclor-1268 | 1 | 7.632 | 7.582 | 7.682 | 83.6 | | |
| | 2 | 7.695 | 7.645 | 7.745 | 252 | | |
| | 3 | 7.906 | 7.856 | 7.956 | 46.7 | | |
| COLUMN 1 | 4 | 8.193 | 8.143 | 8.243 | 162 | | |
| | 5 | 8.492 | 8.442 | 8.542 | 47.5 | 118 | |
| | 1 | 7.599 | 7.549 | 7.649 | 87.0 | | |
| | 2 | 7.66 | 7.61 | 7.71 | 269 | | |
| | 3 | 7.87 | 7.82 | 7.92 | 52.0 | | |
| | 4 | 8.155 | 8.105 | 8.205 | 191 | | |
| COLUMN 2 | 5 | 8.448 | 8.398 | 8.498 | 55.0 | 131 | 10.44 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-4CMSD

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1434-02MSD Date(s) Analyzed: 03/07/2025 03/07/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO109689.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 1 | 4.79 | 4.74 | 4.84 | 211 | | |
| | 2 | 4.81 | 4.76 | 4.86 | 208 | | |
| | 3 | 4.866 | 4.816 | 4.916 | 200 | | |
| COLUMN 1 | 4 | 4.987 | 4.937 | 5.037 | 186 | | |
| | 5 | 5.244 | 5.194 | 5.294 | 200 | 201 | |
| | 1 | 4.778 | 4.728 | 4.828 | 234 | | |
| | 2 | 4.797 | 4.747 | 4.847 | 232 | | |
| | 3 | 4.973 | 4.923 | 5.023 | 207 | | |
| | 4 | 5.014 | 4.964 | 5.064 | 326 | | |
| COLUMN 2 | 5 | 5.227 | 5.177 | 5.277 | 223 | 244 | 19.33 |
| Aroclor-1254 | 1 | 5.6 | 5.55 | 5.65 | 464 | | |
| | 2 | 5.749 | 5.699 | 5.799 | 840 | | |
| | 3 | 6.155 | 6.105 | 6.205 | 1270 | | |
| COLUMN 1 | 4 | 6.384 | 6.334 | 6.434 | 937 | | |
| | 5 | 6.804 | 6.754 | 6.854 | 4920 | 1700 | |
| | 1 | 5.58 | 5.53 | 5.63 | 522 | | |
| | 2 | 5.727 | 5.677 | 5.777 | 909 | | |
| | 3 | 6.13 | 6.08 | 6.18 | 1420 | | |
| | 4 | 6.358 | 6.308 | 6.408 | 1080 | | |
| COLUMN 2 | 5 | 6.775 | 6.725 | 6.825 | 5600 | 1900 | 11.11 |

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**IDENTIFICATION SUMMARY**

**FOR MULTICOMPONENT ANALYTES**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Aroclor-1260 | 1 | 6.287 | 6.237 | 6.337 | 1050 | | |
| | 2 | 6.476 | 6.426 | 6.526 | 1000 | | |
| | 3 | 6.876 | 6.826 | 6.926 | 109 | | |
| COLUMN 1 | 4 | 7.104 | 7.054 | 7.154 | 389 | | |
| | 5 | 7.346 | 7.296 | 7.396 | 302 | 571 | |
| | 1 | 6.261 | 6.211 | 6.311 | 1140 | | |
| | 2 | 6.449 | 6.399 | 6.499 | 1100 | | |
| | 3 | 6.601 | 6.551 | 6.651 | 1020 | | |
| | 4 | 7.073 | 7.023 | 7.123 | 415 | | |
| COLUMN 2 | 5 | 7.314 | 7.264 | 7.364 | 332 | 801 | 33.53 |
| Aroclor-1268 | 1 | 7.632 | 7.582 | 7.682 | 103 | | |
| | 2 | 7.695 | 7.645 | 7.745 | 297 | | |
| | 3 | 7.906 | 7.856 | 7.956 | 55.0 | | |
| COLUMN 1 | 4 | 8.194 | 8.144 | 8.244 | 173 | | |
| | 5 | 8.492 | 8.442 | 8.542 | 57.1 | 137 | |
| | 1 | 7.599 | 7.549 | 7.649 | 107 | | |
| | 2 | 7.661 | 7.611 | 7.711 | 317 | | |
| | 3 | 7.87 | 7.82 | 7.92 | 60.7 | | |
| | 4 | 8.155 | 8.105 | 8.205 | 201 | | |
| COLUMN 2 | 5 | 8.449 | 8.399 | 8.499 | 65.9 | 150 | 9.06 |

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**IDENTIFICATION SUMMARY**
**FOR MULTICOMPONENT ANALYTES**

SAMPLE NO.

K084-8B

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-02 Date(s) Analyzed: 03/06/2025 03/06/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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

Data file PP070319.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 6.53 | 6.48 | 6.58 | 391 | | |
| | 2 | 6.747 | 6.697 | 6.797 | 401 | | |
| | 3 | 7.11 | 7.06 | 7.16 | 540 | | |
| COLUMN 1 | 4 | 7.392 | 7.342 | 7.442 | 607 | | |
| | 5 | 7.811 | 7.761 | 7.861 | 1290 | 647 | |
| | 1 | 5.725 | 5.675 | 5.775 | 287 | | |
| | 2 | 5.873 | 5.823 | 5.923 | 488 | | |
| | 3 | 6.278 | 6.228 | 6.328 | 626 | | |
| | 4 | 6.537 | 6.487 | 6.587 | 164 | | |
| COLUMN 2 | 5 | 6.925 | 6.875 | 6.975 | 1040 | 520 | 21.77 |
| Aroclor-1268 | 1 | 8.749 | 8.699 | 8.799 | 303 | | |
| | 2 | 8.843 | 8.793 | 8.893 | 307 | | |
| | 3 | 9.076 | 9.026 | 9.126 | 174 | | |
| COLUMN 1 | 4 | 9.496 | 9.446 | 9.546 | 229 | | |
| | 5 | 9.916 | 9.866 | 9.966 | 169 | 236 | |
| | 1 | 7.749 | 7.699 | 7.799 | 294 | | |
| | 2 | 7.813 | 7.763 | 7.863 | 349 | | |
| | 3 | 8.02 | 7.97 | 8.07 | 176 | | |
| | 4 | 8.315 | 8.265 | 8.365 | 232 | | |
| COLUMN 2 | 5 | 8.619 | 8.569 | 8.669 | 178 | 246 | 4.15 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-8C

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-03 Date(s) Analyzed: 03/06/2025 03/06/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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

Data file PP070320.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 6.53 | 6.48 | 6.58 | 83.9 | | |
| | 2 | 6.746 | 6.696 | 6.796 | 103 | | |
| | 3 | 7.109 | 7.059 | 7.159 | 131 | | |
| COLUMN 1 | 4 | 7.391 | 7.341 | 7.441 | 147 | | |
| | 5 | 7.81 | 7.76 | 7.86 | 374 | 168 | |
| | 1 | 5.726 | 5.676 | 5.776 | 66.1 | | |
| | 2 | 5.874 | 5.824 | 5.924 | 138 | | |
| | 3 | 6.279 | 6.229 | 6.329 | 158 | | |
| | 4 | 6.507 | 6.457 | 6.557 | 174 | | |
| COLUMN 2 | 5 | 6.926 | 6.876 | 6.976 | 342 | 176 | 4.65 |
| Aroclor-1268 | 1 | 8.748 | 8.698 | 8.798 | 40.2 | | |
| | 2 | 8.841 | 8.791 | 8.891 | 33.1 | | |
| | 3 | 9.075 | 9.025 | 9.125 | 20.9 | | |
| COLUMN 1 | 4 | 9.496 | 9.446 | 9.546 | 25.0 | | |
| | 5 | 9.915 | 9.865 | 9.965 | 19.9 | 27.8 | |
| | 1 | 7.749 | 7.699 | 7.799 | 32.2 | | |
| | 2 | 7.813 | 7.763 | 7.863 | 42.7 | | |
| | 3 | 8.022 | 7.972 | 8.072 | 19.4 | | |
| | 4 | 8.316 | 8.266 | 8.366 | 40.4 | | |
| COLUMN 2 | 5 | 8.62 | 8.57 | 8.67 | 20.1 | 30.9 | 10.56 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-9B

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-05 Date(s) Analyzed: 03/06/2025 03/06/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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

Data file PP070321.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 6.529 | 6.479 | 6.579 | 242 | | |
| | 2 | 6.746 | 6.696 | 6.796 | 278 | | |
| | 3 | 7.11 | 7.06 | 7.16 | 370 | | |
| COLUMN 1 | 4 | 7.393 | 7.343 | 7.443 | 388 | | |
| | 5 | 7.821 | 7.771 | 7.871 | 1110 | 477 | |
| | 1 | 5.725 | 5.675 | 5.775 | 210 | | |
| | 2 | 5.874 | 5.824 | 5.924 | 342 | | |
| | 3 | 6.279 | 6.229 | 6.329 | 411 | | |
| | 4 | 6.506 | 6.456 | 6.556 | 424 | | |
| COLUMN 2 | 5 | 6.925 | 6.875 | 6.975 | 971 | 471 | 1.27 |
| Aroclor-1268 | 1 | 8.753 | 8.703 | 8.803 | 49.5 | | |
| | 2 | 8.842 | 8.792 | 8.892 | 31.6 | | |
| | 3 | 9.076 | 9.026 | 9.126 | 26.5 | | |
| COLUMN 1 | 4 | 9.496 | 9.446 | 9.546 | 24.6 | | |
| | 5 | 9.916 | 9.866 | 9.966 | 26.0 | 31.6 | |
| | 1 | 7.749 | 7.699 | 7.799 | 39.5 | | |
| | 2 | 7.813 | 7.763 | 7.863 | 62.1 | | |
| | 3 | 8.021 | 7.971 | 8.071 | 26.8 | | |
| | 4 | 8.316 | 8.266 | 8.366 | 27.7 | | |
| COLUMN 2 | 5 | 8.62 | 8.57 | 8.67 | 26.7 | 36.6 | 14.66 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: K084-9C

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-06 Date(s) Analyzed: 03/06/2025 03/06/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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

Data file PP070322.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 6.528 | 6.478 | 6.578 | 155 | | |
| | 2 | 6.747 | 6.697 | 6.797 | 208 | | |
| | 3 | 7.11 | 7.06 | 7.16 | 273 | | |
| COLUMN 1 | 4 | 7.393 | 7.343 | 7.443 | 296 | | |
| | 5 | 7.824 | 7.774 | 7.874 | 1000 | 386 | |
| | 1 | 5.724 | 5.674 | 5.774 | 138 | | |
| | 2 | 5.872 | 5.822 | 5.922 | 270 | | |
| | 3 | 6.277 | 6.227 | 6.327 | 323 | | |
| | 4 | 6.505 | 6.455 | 6.555 | 346 | | |
| COLUMN 2 | 5 | 6.923 | 6.873 | 6.973 | 873 | 390 | 1.03 |
| Aroclor-1268 | 1 | 8.753 | 8.703 | 8.803 | 48.6 | | |
| | 2 | 8.842 | 8.792 | 8.892 | 33.7 | | |
| | 3 | 9.075 | 9.025 | 9.125 | 23.5 | | |
| COLUMN 1 | 4 | 9.495 | 9.445 | 9.545 | 25.1 | | |
| | 5 | 9.915 | 9.865 | 9.965 | 23.2 | 30.8 | |
| | 1 | 7.747 | 7.697 | 7.797 | 36.1 | | |
| | 2 | 7.811 | 7.761 | 7.861 | 57.1 | | |
| | 3 | 8.019 | 7.969 | 8.069 | 23.6 | | |
| | 4 | 8.314 | 8.264 | 8.364 | 31.1 | | |
| COLUMN 2 | 5 | 8.618 | 8.568 | 8.668 | 23.1 | 34.2 | 10.46 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-10B

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-08 Date(s) Analyzed: 03/06/2025 03/06/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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

Data file PP070323.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 6.527 | 6.477 | 6.577 | 1020 | | |
| | 2 | 6.744 | 6.694 | 6.794 | 1400 | | |
| | 3 | 7.107 | 7.057 | 7.157 | 1930 | | |
| COLUMN 1 | 4 | 7.39 | 7.34 | 7.44 | 1980 | | |
| | 5 | 7.822 | 7.772 | 7.872 | 6540 | 2600 | |
| | 1 | 5.725 | 5.675 | 5.775 | 1010 | | |
| | 2 | 5.873 | 5.823 | 5.923 | 1640 | | |
| | 3 | 6.278 | 6.228 | 6.328 | 2140 | | |
| | 4 | 6.506 | 6.456 | 6.556 | 2240 | | |
| COLUMN 2 | 5 | 6.924 | 6.874 | 6.974 | 5920 | 2600 | 0 |
| Aroclor-1268 | 1 | 8.747 | 8.697 | 8.797 | 623 | | |
| | 2 | 8.839 | 8.789 | 8.889 | 603 | | |
| | 3 | 9.074 | 9.024 | 9.124 | 320 | | |
| COLUMN 1 | 4 | 9.492 | 9.442 | 9.542 | 659 | | |
| | 5 | 9.912 | 9.862 | 9.962 | 399 | 521 | |
| | 1 | 7.748 | 7.698 | 7.798 | 547 | | |
| | 2 | 7.813 | 7.763 | 7.863 | 757 | | |
| | 3 | 8.02 | 7.97 | 8.07 | 323 | | |
| | 4 | 8.315 | 8.265 | 8.365 | 665 | | |
| COLUMN 2 | 5 | 8.62 | 8.57 | 8.67 | 404 | 539 | 3.4 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-10C

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-09 Date(s) Analyzed: 03/06/2025 03/06/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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

Data file PP070329.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 6.529 | 6.479 | 6.579 | 72.9 | | |
| | 2 | 6.745 | 6.695 | 6.795 | 67.2 | | |
| | 3 | 7.109 | 7.059 | 7.159 | 91.3 | | |
| COLUMN 1 | 4 | 7.392 | 7.342 | 7.442 | 92.8 | | |
| | 5 | 7.826 | 7.776 | 7.876 | 480 | 161 | |
| | 1 | 5.724 | 5.674 | 5.774 | 46.0 | | |
| | 2 | 5.873 | 5.823 | 5.923 | 77.4 | | |
| | 3 | 6.277 | 6.227 | 6.327 | 107 | | |
| | 4 | 6.506 | 6.456 | 6.556 | 97.3 | | |
| COLUMN 2 | 5 | 6.923 | 6.873 | 6.973 | 412 | 148 | 8.41 |
| Aroclor-1268 | 1 | 8.749 | 8.699 | 8.799 | 27.5 | | |
| | 2 | 8.84 | 8.79 | 8.89 | 24.9 | | |
| | 3 | 9.075 | 9.025 | 9.125 | 16.4 | | |
| COLUMN 1 | 4 | 9.495 | 9.445 | 9.545 | 23.1 | | |
| | 5 | 9.914 | 9.864 | 9.964 | 14.3 | 21.2 | |
| | 1 | 7.748 | 7.698 | 7.798 | 29.0 | | |
| | 2 | 7.812 | 7.762 | 7.862 | 33.4 | | |
| | 3 | 8.019 | 7.969 | 8.069 | 16.5 | | |
| | 4 | 8.314 | 8.264 | 8.364 | 21.8 | | |
| COLUMN 2 | 5 | 8.617 | 8.567 | 8.667 | 15.4 | 23.2 | 9.01 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-8BDL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-02DL Date(s) Analyzed: 03/07/2025 03/07/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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

Data file PP070341.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 6.527 | 6.477 | 6.577 | 347 | | |
| | 2 | 6.744 | 6.694 | 6.794 | 514 | | |
| | 3 | 7.108 | 7.058 | 7.158 | 696 | | |
| COLUMN 1 | 4 | 7.39 | 7.34 | 7.44 | 760 | | |
| | 5 | 7.807 | 7.757 | 7.857 | 1540 | 771 | |
| | 1 | 5.721 | 5.671 | 5.771 | 349 | | |
| | 2 | 5.87 | 5.82 | 5.92 | 572 | | |
| | 3 | 6.275 | 6.225 | 6.325 | 679 | | |
| | 4 | 6.534 | 6.484 | 6.584 | 171 | | |
| COLUMN 2 | 5 | 6.921 | 6.871 | 6.971 | 1080 | 571 | 29.81 |
| Aroclor-1268 | 1 | 8.746 | 8.696 | 8.796 | 348 | | |
| | 2 | 8.839 | 8.789 | 8.889 | 347 | | |
| | 3 | 9.071 | 9.021 | 9.121 | 199 | | |
| COLUMN 1 | 4 | 9.491 | 9.441 | 9.541 | 262 | | |
| | 5 | 9.911 | 9.861 | 9.961 | 194 | 270 | |
| | 1 | 7.745 | 7.695 | 7.795 | 340 | | |
| | 2 | 7.81 | 7.76 | 7.86 | 403 | | |
| | 3 | 8.017 | 7.967 | 8.067 | 205 | | |
| | 4 | 8.311 | 8.261 | 8.361 | 274 | | |
| COLUMN 2 | 5 | 8.614 | 8.564 | 8.664 | 199 | 284 | 5.05 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-10BDL

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-08DL Date(s) Analyzed: 03/07/2025 03/07/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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

Data file PP070342.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 6.528 | 6.478 | 6.578 | 1110 | | |
| | 2 | 6.746 | 6.696 | 6.796 | 1560 | | |
| | 3 | 7.11 | 7.06 | 7.16 | 2180 | | |
| COLUMN 1 | 4 | 7.392 | 7.342 | 7.442 | 2280 | | |
| | 5 | 7.823 | 7.773 | 7.873 | 7070 | 2800 | |
| | 1 | 5.724 | 5.674 | 5.774 | 1090 | | |
| | 2 | 5.872 | 5.822 | 5.922 | 1750 | | |
| | 3 | 6.277 | 6.227 | 6.327 | 2250 | | |
| | 4 | 6.552 | 6.502 | 6.602 | 940 | | |
| COLUMN 2 | 5 | 6.923 | 6.873 | 6.973 | 6110 | 2400 | 15.38 |
| Aroclor-1268 | 1 | 8.749 | 8.699 | 8.799 | 702 | | |
| | 2 | 8.841 | 8.791 | 8.891 | 685 | | |
| | 3 | 9.075 | 9.025 | 9.125 | 365 | | |
| COLUMN 1 | 4 | 9.494 | 9.444 | 9.544 | 748 | | |
| | 5 | 9.913 | 9.863 | 9.963 | 450 | 590 | |
| | 1 | 7.747 | 7.697 | 7.797 | 649 | | |
| | 2 | 7.812 | 7.762 | 7.862 | 895 | | |
| | 3 | 8.02 | 7.97 | 8.07 | 392 | | |
| | 4 | 8.314 | 8.264 | 8.364 | 787 | | |
| COLUMN 2 | 5 | 8.618 | 8.568 | 8.668 | 459 | 636 | 7.5 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

K084-10BDL2

Contract: ATCE02

Lab Code: CHEM Case No.: Q1436 SAS No.: Q1436 SDG NO.: Q1436

Lab Sample ID: Q1436-08DL2 Date(s) Analyzed: 03/07/2025 03/07/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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

Data file PP070343.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 6.527 | 6.477 | 6.577 | 1540 | | |
| | 2 | 6.744 | 6.694 | 6.794 | 2000 | | |
| | 3 | 7.108 | 7.058 | 7.158 | 2740 | | |
| COLUMN 1 | 4 | 7.39 | 7.34 | 7.44 | 2880 | | |
| | 5 | 7.818 | 7.768 | 7.868 | 8200 | 3500 | |
| | 1 | 5.722 | 5.672 | 5.772 | 1460 | | |
| | 2 | 5.871 | 5.821 | 5.921 | 2320 | | |
| | 3 | 6.275 | 6.225 | 6.325 | 2830 | | |
| | 4 | 6.549 | 6.499 | 6.599 | 1160 | | |
| COLUMN 2 | 5 | 6.921 | 6.871 | 6.971 | 6710 | 2900 | 18.75 |
| Aroclor-1268 | 1 | 8.746 | 8.696 | 8.796 | 868 | | |
| | 2 | 8.839 | 8.789 | 8.889 | 826 | | |
| | 3 | 9.071 | 9.021 | 9.121 | 441 | | |
| COLUMN 1 | 4 | 9.491 | 9.441 | 9.541 | 892 | | |
| | 5 | 9.91 | 9.86 | 9.96 | 542 | 714 | |
| | 1 | 7.745 | 7.695 | 7.795 | 803 | | |
| | 2 | 7.81 | 7.76 | 7.86 | 1050 | | |
| | 3 | 8.017 | 7.967 | 8.067 | 469 | | |
| | 4 | 8.312 | 8.262 | 8.362 | 965 | | |
| COLUMN 2 | 5 | 8.616 | 8.566 | 8.666 | 553 | 768 | 7.29 |

# QC SAMPLE DATA

Raw Data: **PO109546.D**

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | |
| Client Sample ID: | PB166889BL | SDG No.: | Q1436 |
| Lab Sample ID: | PB166889BL | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 100 Decanted: |
| Sample Wt/Vol: | 30.02 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109546.D | 1 | 02/27/25 09:15 | 02/27/25 22:57 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 3.40 | U | 3.40 | 17.0 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 6.40 | U | 6.40 | 17.0 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 3.40 | U | 3.40 | 17.0 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 3.40 | U | 3.40 | 17.0 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 7.90 | U | 7.90 | 17.0 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 2.70 | U | 2.70 | 17.0 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 4.60 | U | 4.60 | 17.0 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 3.40 | U | 3.40 | 17.0 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 2.90 | U | 2.90 | 17.0 | ug/kg |
| Total PCBs | Total PCBs | 7.90 | U | 7.90 | 17.0 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 19.1 | | 32 - 144 | 95% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 15.8 | | 32 - 175 | 79% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109546.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 22:57
Operator : YP/AJ
Sample : PB166889BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
PB166889BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:26:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.695 | 180.3E6 | 99328984 | 19.049 | 18.977 |
| 2) | SA Decachlor... | 8.755 | 8.706 | 118.5E6 | 50479265 | 13.772 | 15.853 |
| | Target Compounds | | | | | | |

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

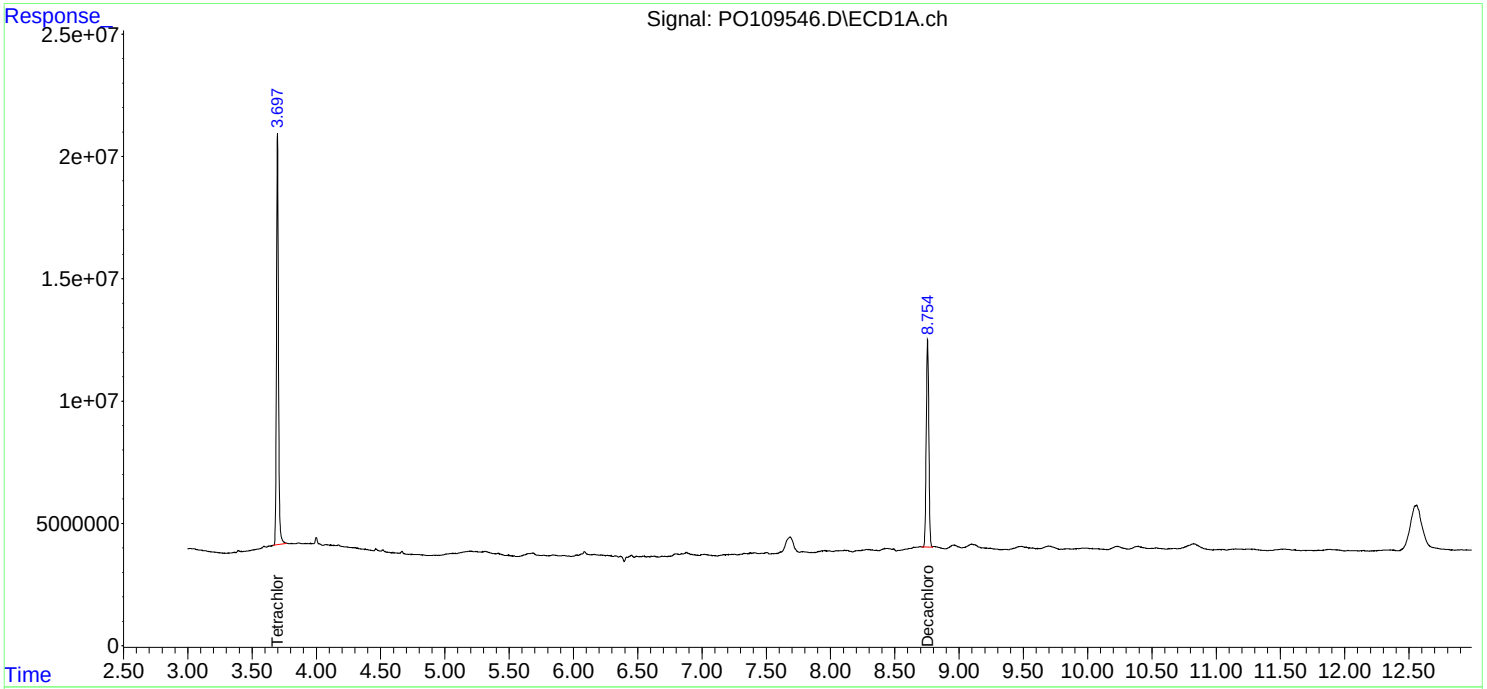
Sample Results: **PO109546.D**

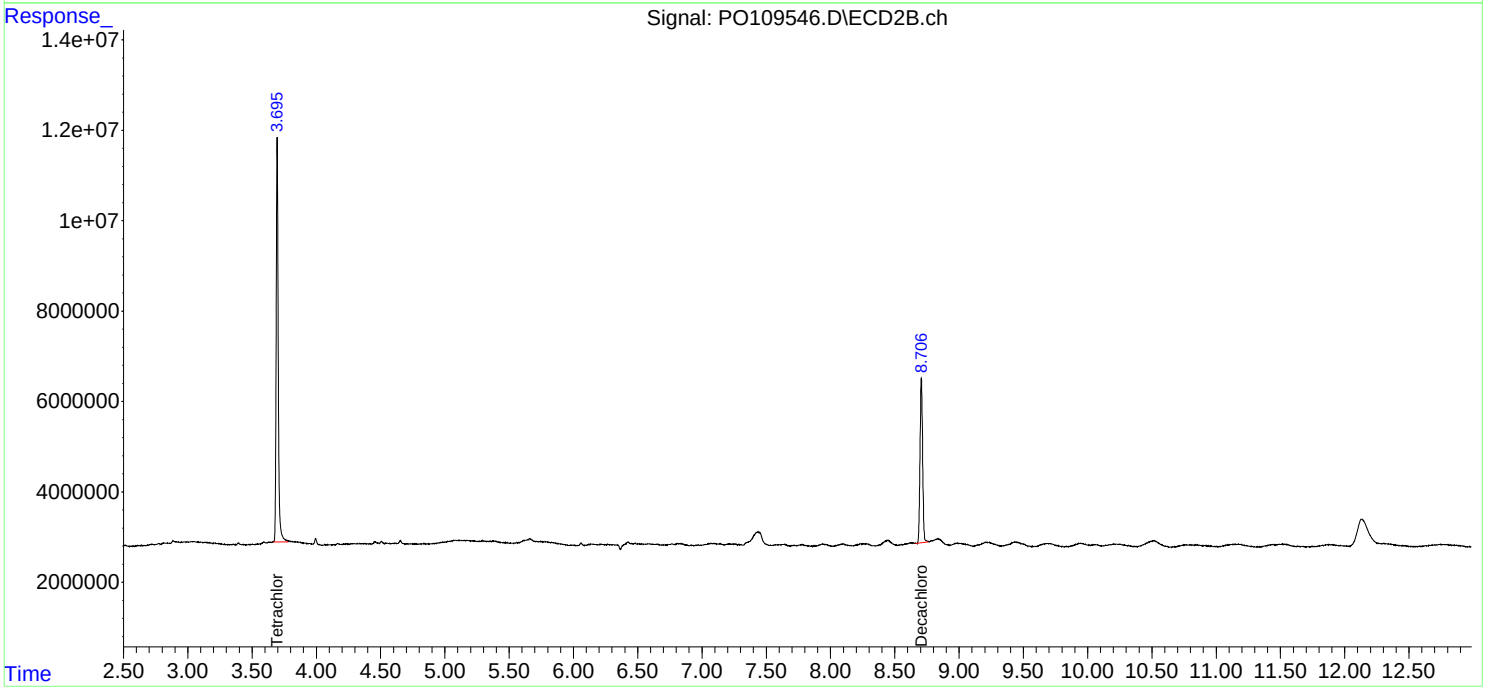
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 22:57
Operator : YP/AJ
Sample : PB166889BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

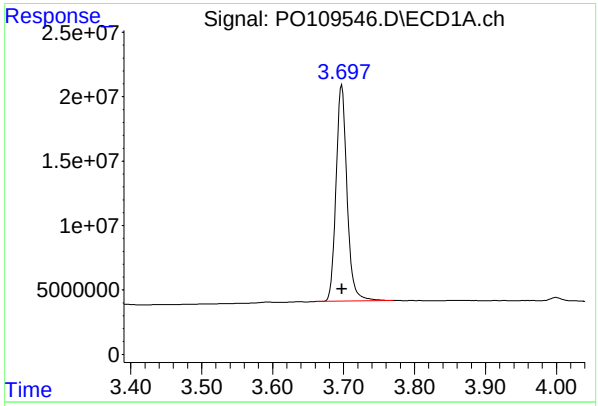
**Instrument :**
ECD_O
**ClientSampleId :**
PB166889BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:26:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



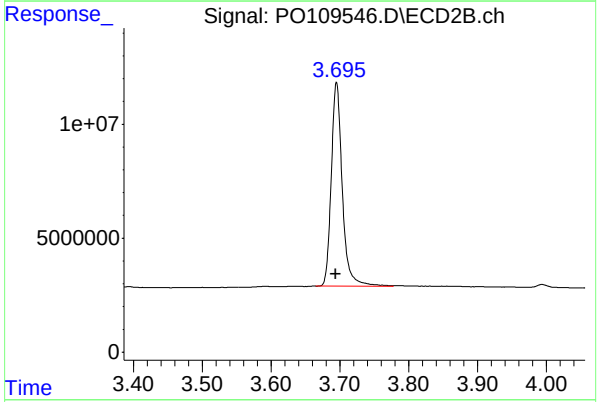






#1 Tetrachloro-m-xylene

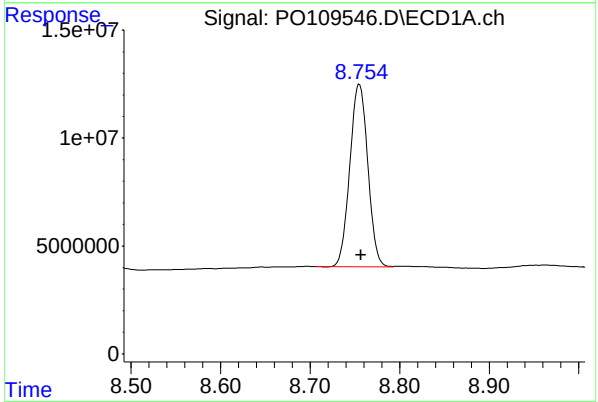
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 180302795
Conc: 19.05 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB166889BL



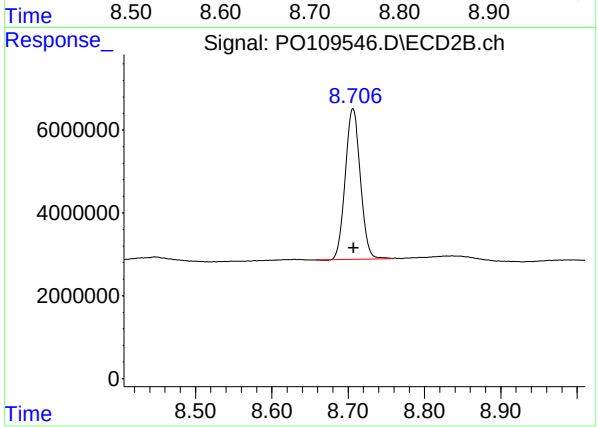

#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.001 min
Response: 99328984
Conc: 18.98 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 118463339
Conc: 13.77 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 50479265
Conc: 15.85 ng/ml

Raw Data: **PO109682.D**

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | |
| Client Sample ID: | PB167022BL | SDG No.: | Q1436 |
| Lab Sample ID: | PB167022BL | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 100 Decanted: |
| Sample Wt/Vol: | 30.01 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109682.D | 1 | 03/06/25 11:40 | 03/07/25 00:28 | PB167022 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 3.40 | U | 3.40 | 17.0 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 6.40 | U | 6.40 | 17.0 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 3.40 | U | 3.40 | 17.0 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 3.40 | U | 3.40 | 17.0 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 7.90 | U | 7.90 | 17.0 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 2.70 | U | 2.70 | 17.0 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 4.60 | U | 4.60 | 17.0 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 3.40 | U | 3.40 | 17.0 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 2.90 | U | 2.90 | 17.0 | ug/kg |
| Total PCBs | Total PCBs | 7.90 | U | 7.90 | 17.0 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 23.6 | | 32 - 144 | 118% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 23.1 | | 32 - 175 | 116% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109682.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:28
Operator : YP/AJ
Sample : PB167022BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
PB167022BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:44:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.695 | 3.693 | 215.5E6 | 123.8E6 | 22.768 | 23.651 |
| 2) | SA Decachlor... | 8.754 | 8.705 | 186.1E6 | 73700966 | 21.631 | 23.145 |
| | Target Compounds | | | | | | |

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

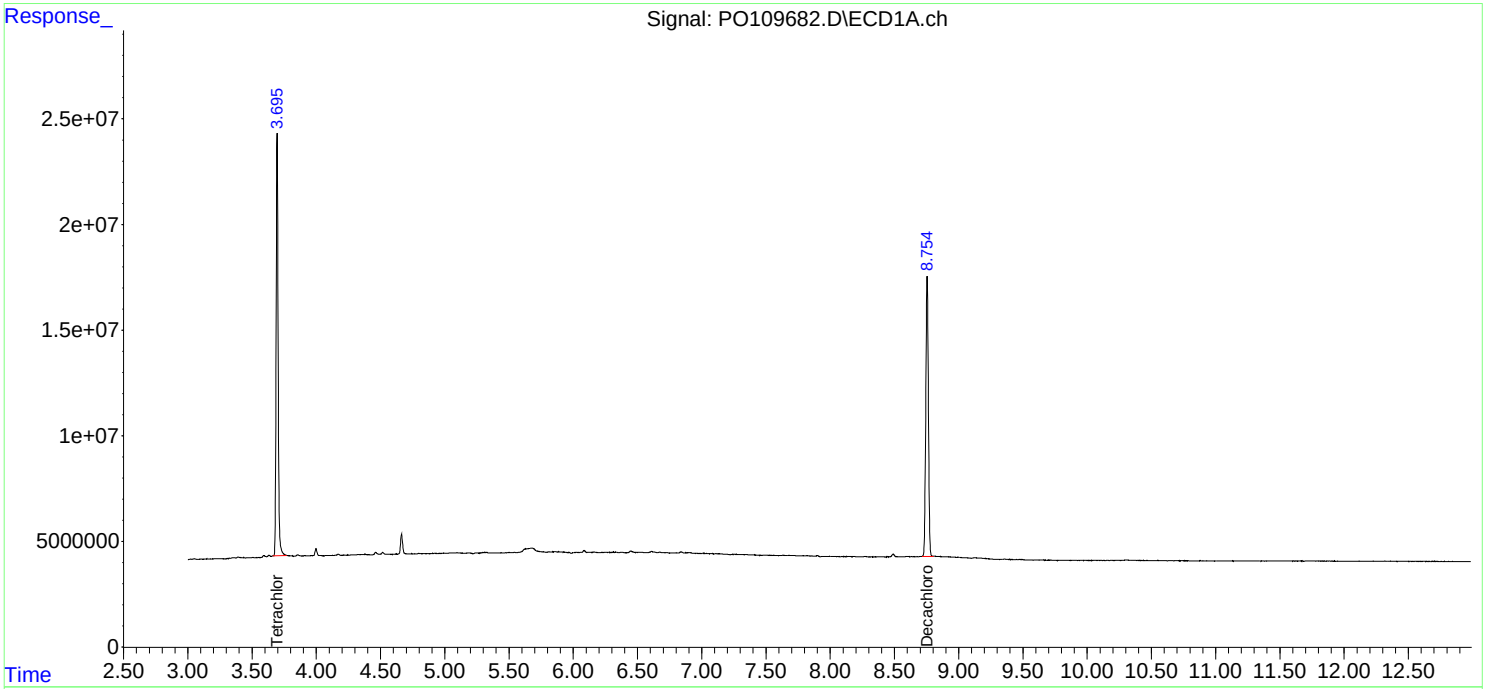
Sample Results: **PO109682.D**

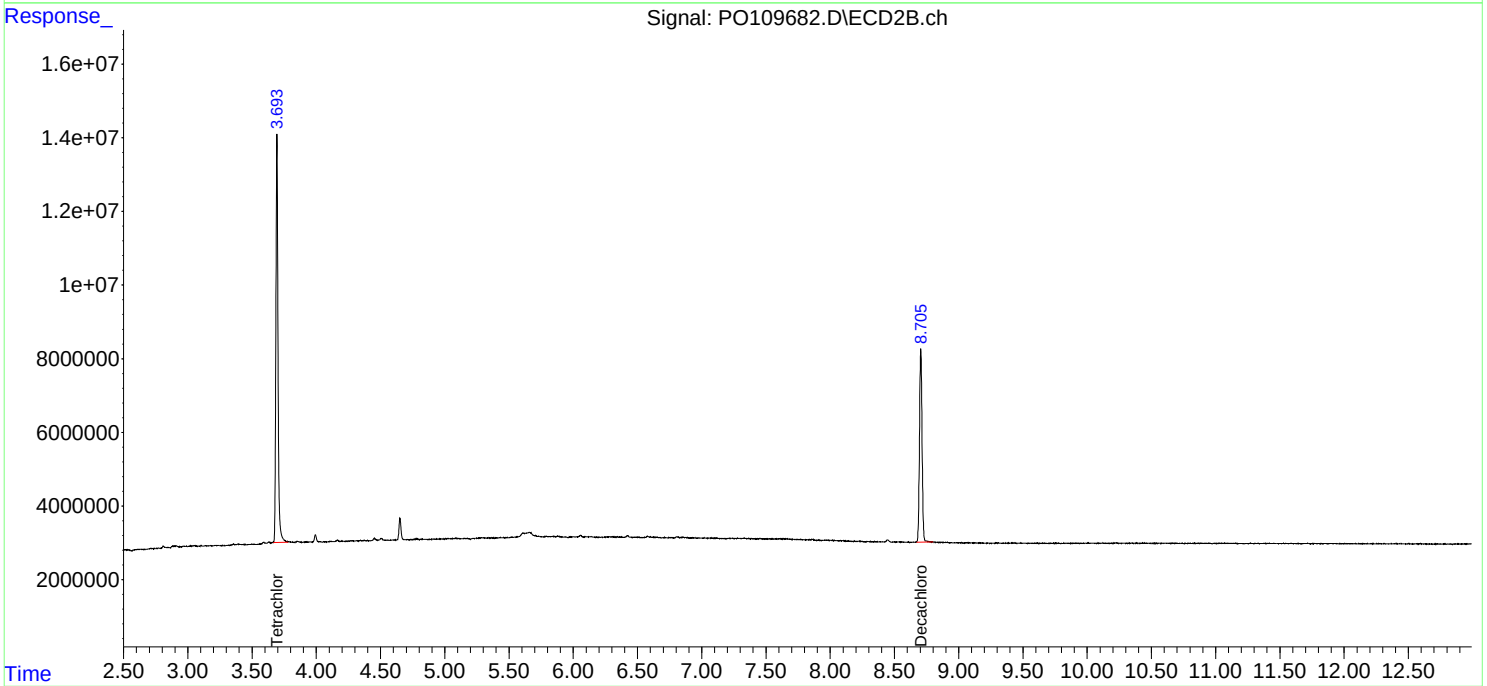
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:28
Operator : YP/AJ
Sample : PB167022BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

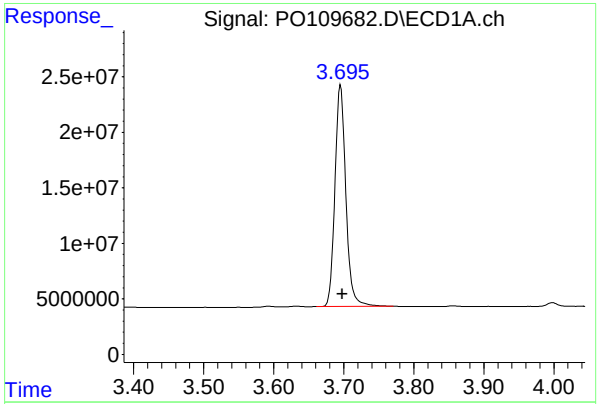
**Instrument :**
ECD_O
**ClientSampleId :**
PB167022BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:44:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



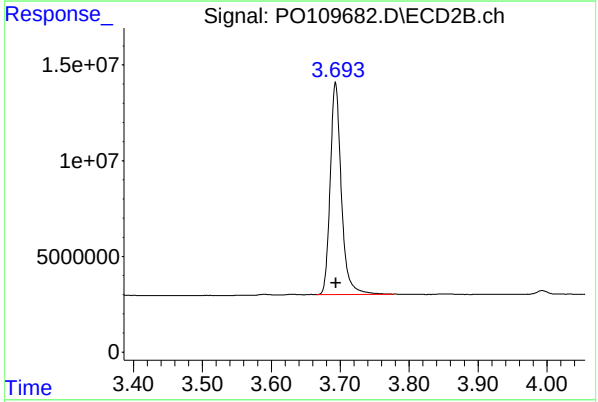






#1 Tetrachloro-m-xylene

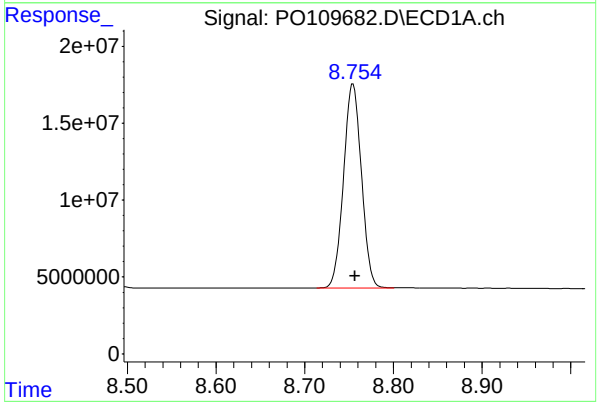
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 215500576
Conc: 22.77 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB167022BL



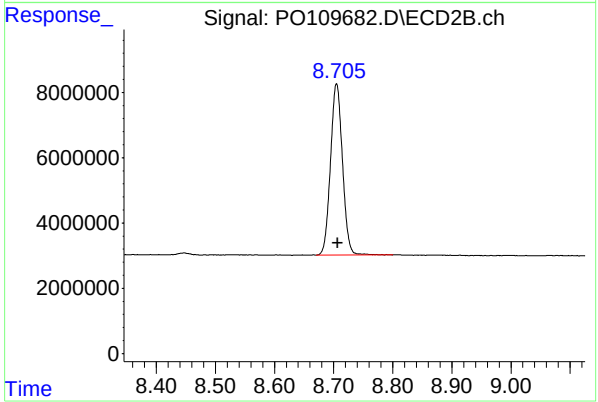

#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 123794046
Conc: 23.65 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 186071146
Conc: 21.63 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 73700966
Conc: 23.15 ng/ml

Raw Data: **PO109425.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/20/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/20/25 |
| Client Sample ID: | PIBLK-PO109425.D | SDG No.: | Q1436 |
| Lab Sample ID: | I.BLK-PO109425.D | Matrix: | WATER |
| Analytical Method: | SW8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109425.D | 1 | | 02/20/25 | PO022025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.23 | U | 0.23 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.37 | U | 0.37 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.16 | U | 0.16 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.12 | U | 0.12 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.11 | U | 0.11 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 0.14 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.12 | U | 0.12 | 0.50 | ug/L |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 24.1 | | 60 - 140 | 121% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 25.3 | | 60 - 140 | 126% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109425.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:28
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:42:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.694 | 239.0E6 | 126.2E6 | 25.246 | 24.105 |
| 2) | SA Decachlor... | 8.755 | 8.707 | 217.3E6 | 81112838 | 25.266 | 25.473 |
| | Target Compounds | | | | | | |

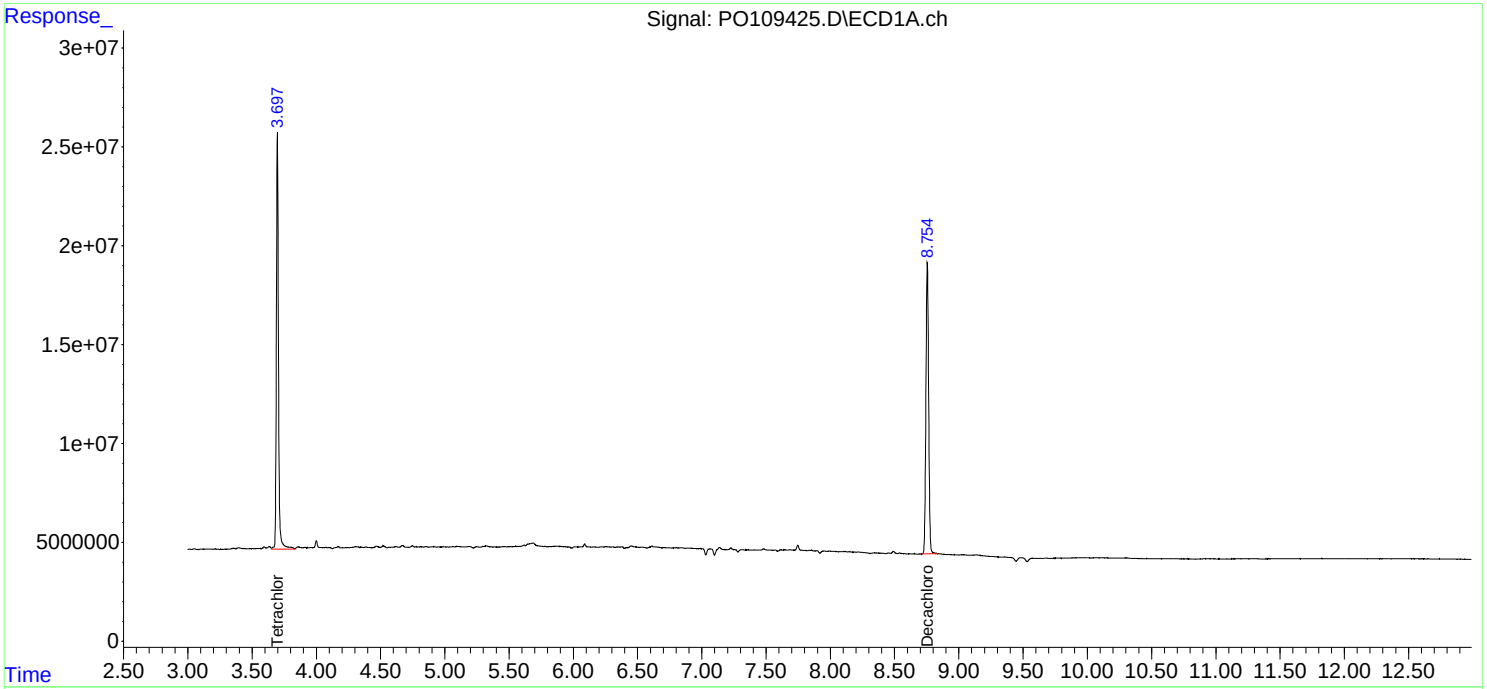
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

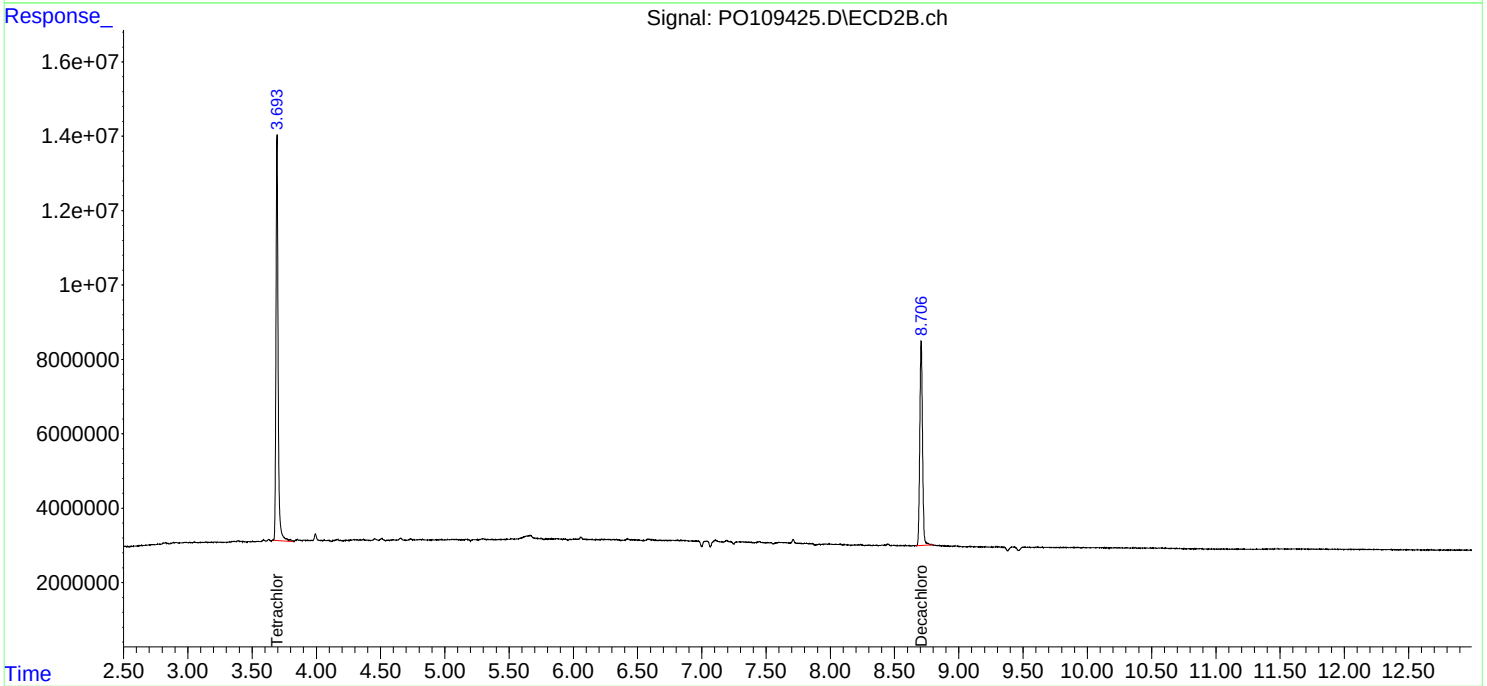
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022025\
Data File : PO109425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:28
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

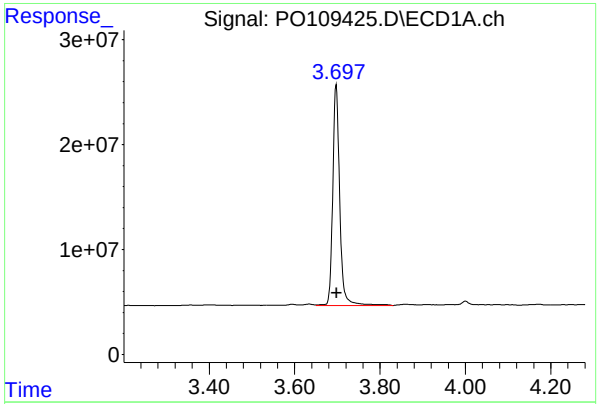
**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:42:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



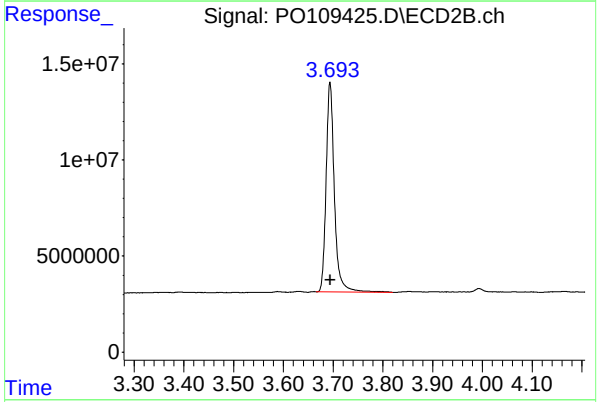






#1 Tetrachloro-m-xylene

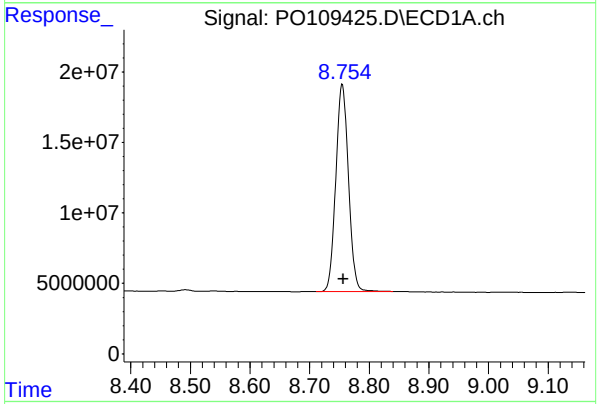
R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 238952889
Conc: 25.25 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK



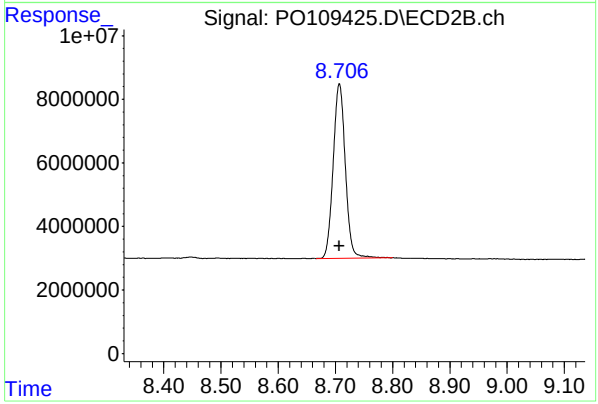

#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 126170966
Conc: 24.11 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 217333363
Conc: 25.27 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 81112838
Conc: 25.47 ng/ml

Raw Data: **PO109537.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/27/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/27/25 |
| Client Sample ID: | PIBLK-PO109537.D | SDG No.: | Q1436 |
| Lab Sample ID: | I.BLK-PO109537.D | Matrix: | WATER |
| Analytical Method: | SW8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109537.D | 1 | | 02/27/25 | PO022725 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.23 | U | 0.23 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.37 | U | 0.37 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.16 | U | 0.16 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.12 | U | 0.12 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.11 | U | 0.11 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 0.14 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.12 | U | 0.12 | 0.50 | ug/L |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 16.0 | | 60 - 140 | 80% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 14.6 | | 60 - 140 | 73% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109537.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109537.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 20:12
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:23:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.698 | 3.696 | 151.5E6 | 88555130 | 16.002 | 16.919 |
| 2) | SA Decachlor... | 8.755 | 8.708 | 125.2E6 | 53779895 | 14.553 | 16.889 |
| | Target Compounds | | | | | | |

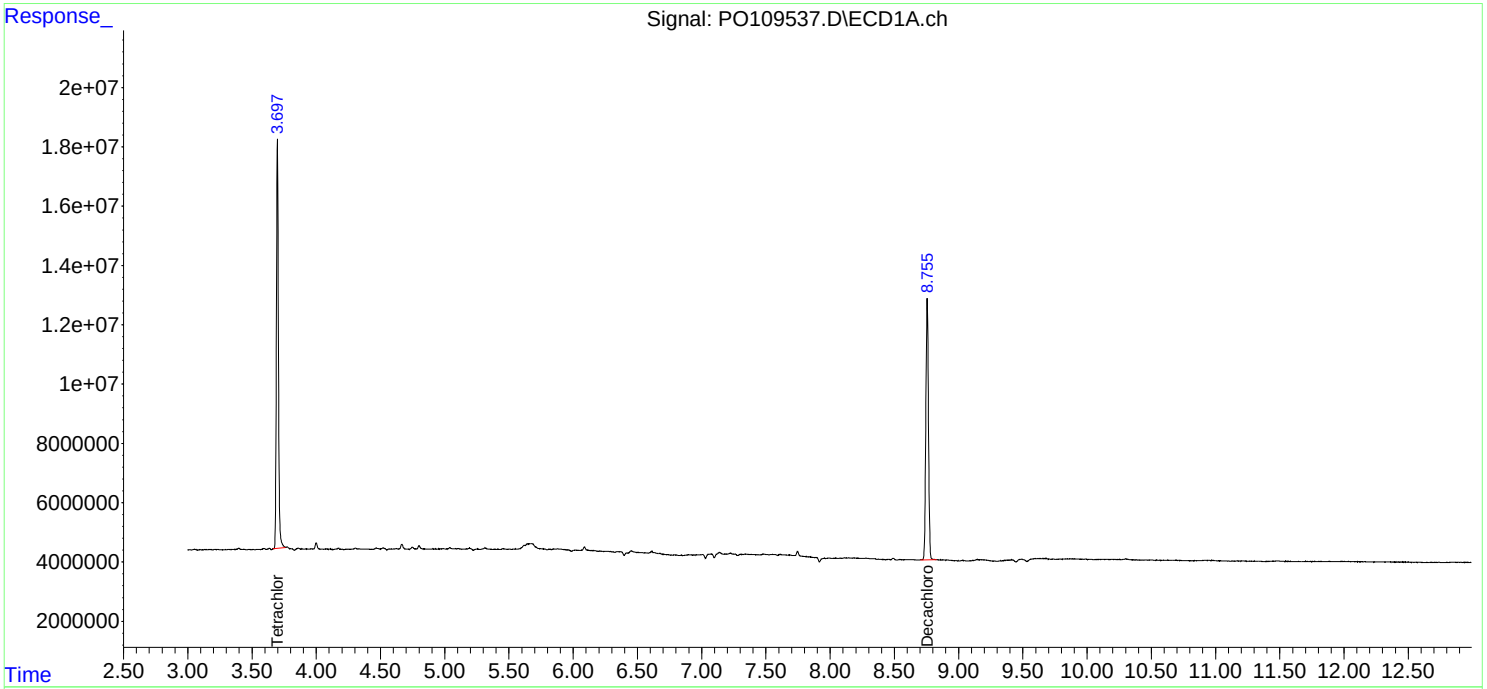
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

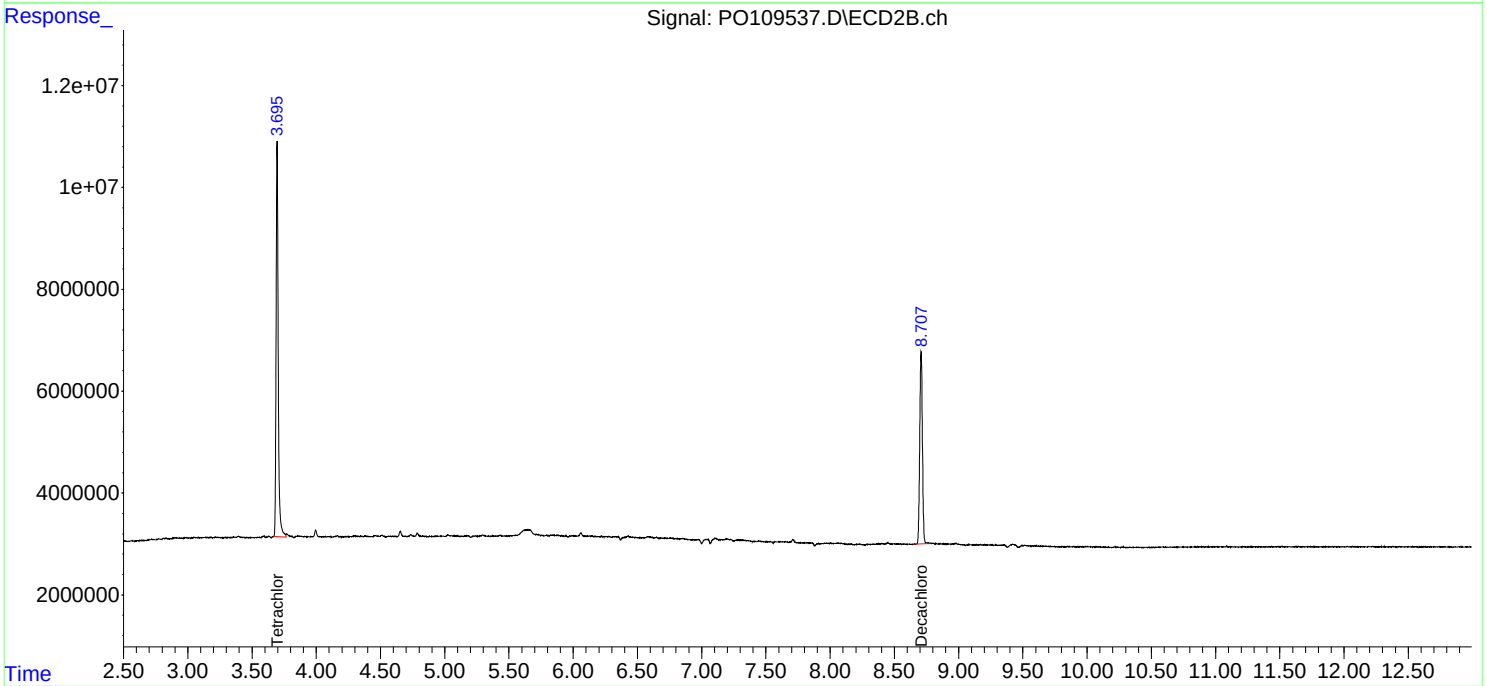
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109537.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 20:12
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

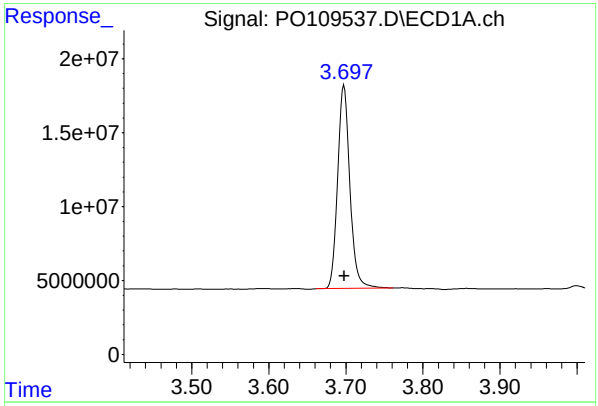
**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:23:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



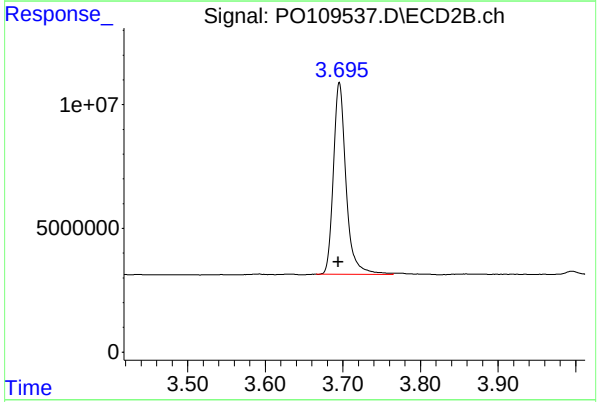






#1 Tetrachloro-m-xylene

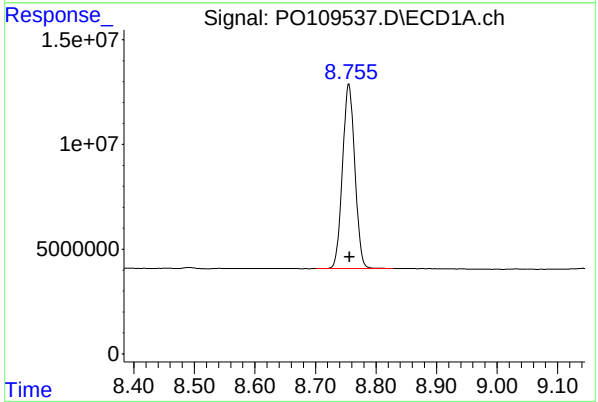
R.T.: 3.698 min
Delta R.T.: 0.000 mi
Response: 151460917
Conc: 16.00 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK



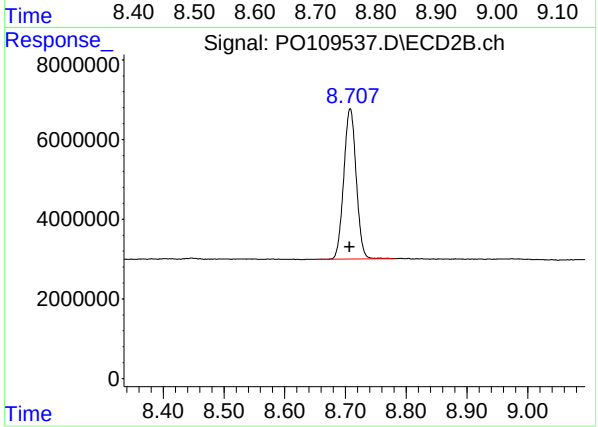

#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: 0.002 min
Response: 88555130
Conc: 16.92 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 125183536
Conc: 14.55 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.708 min
Delta R.T.: 0.001 min
Response: 53779895
Conc: 16.89 ng/ml

Raw Data: **PO109552.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/28/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/28/25 |
| Client Sample ID: | PIBLK-PO109552.D | SDG No.: | Q1436 |
| Lab Sample ID: | I.BLK-PO109552.D | Matrix: | WATER |
| Analytical Method: | SW8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109552.D | 1 | | 02/28/25 | PO022725 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.23 | U | 0.23 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.37 | U | 0.37 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.16 | U | 0.16 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.12 | U | 0.12 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.11 | U | 0.11 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 0.14 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.12 | U | 0.12 | 0.50 | ug/L |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 15.9 | | 60 - 140 | 79% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 14.8 | | 60 - 140 | 74% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109552.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 01:14
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:28:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.695 | 3.695 | 150.3E6 | 87929163 | 15.878 | 16.799 |
| 2) | SA Decachlor... | 8.755 | 8.706 | 127.0E6 | 52659334 | 14.767 | 16.537 |
| | Target Compounds | | | | | | |

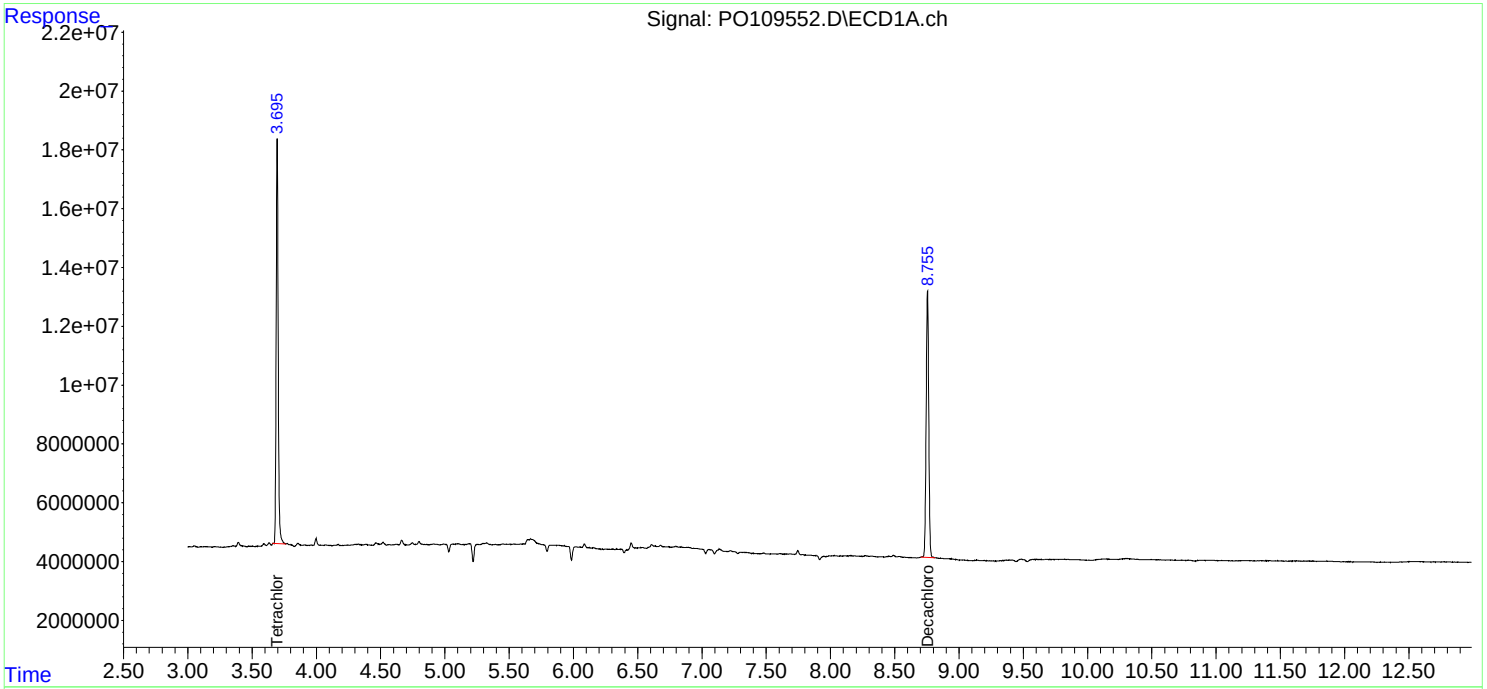
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

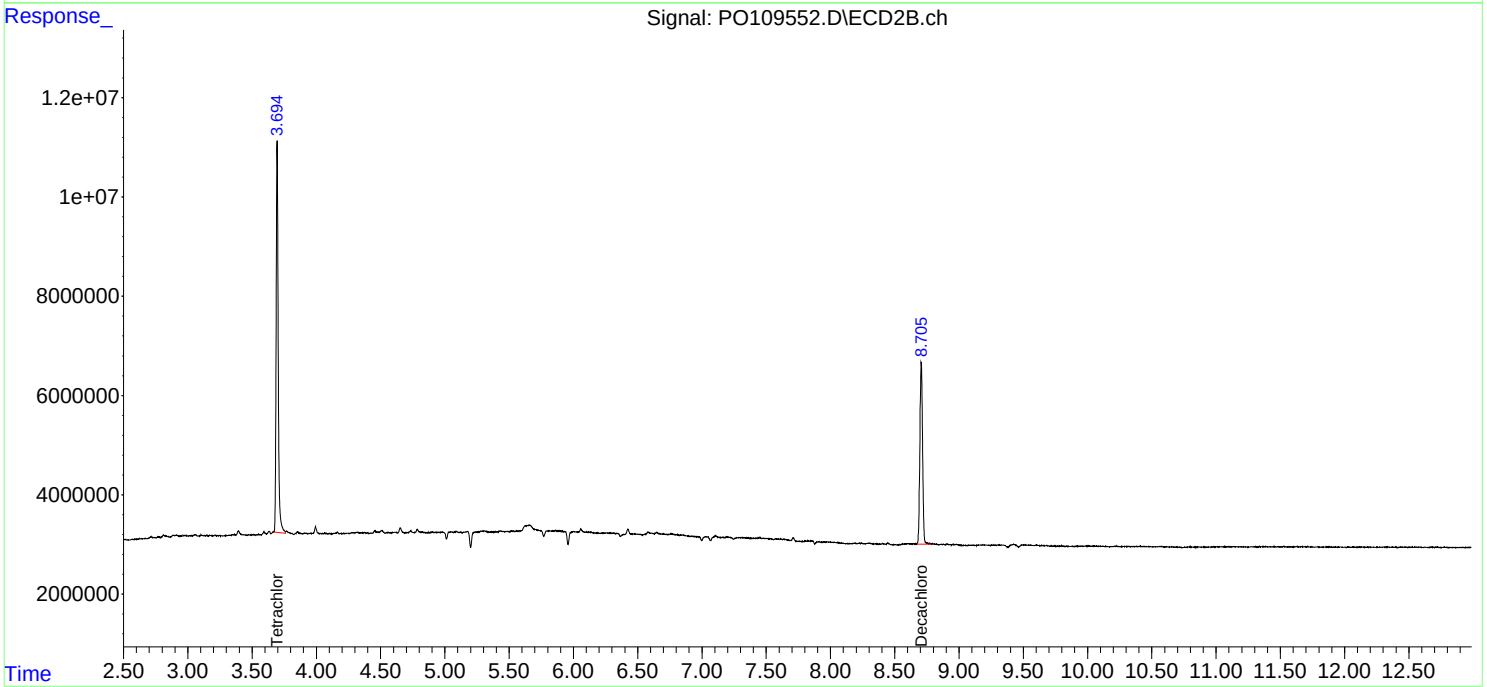
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 01:14
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

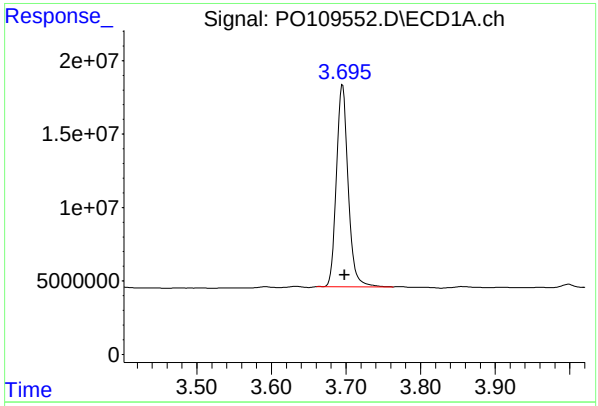
**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:28:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



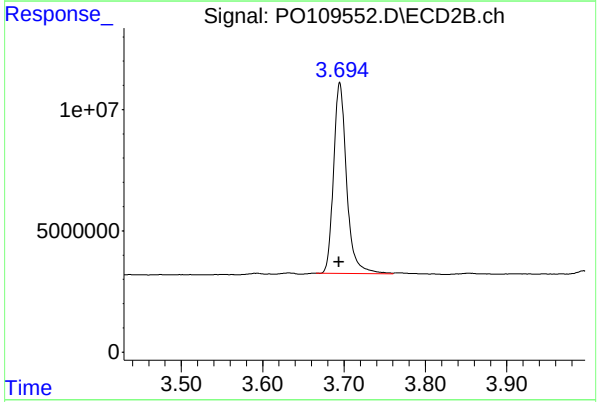






#1 Tetrachloro-m-xylene

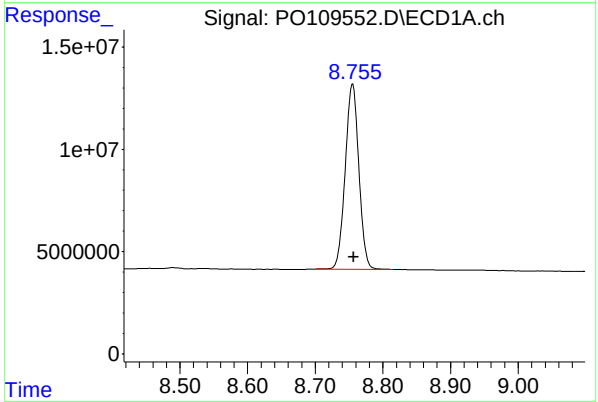
R.T.: 3.695 min
Delta R.T.: -0.003 mi
Response: 150288092
Conc: 15.88 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK



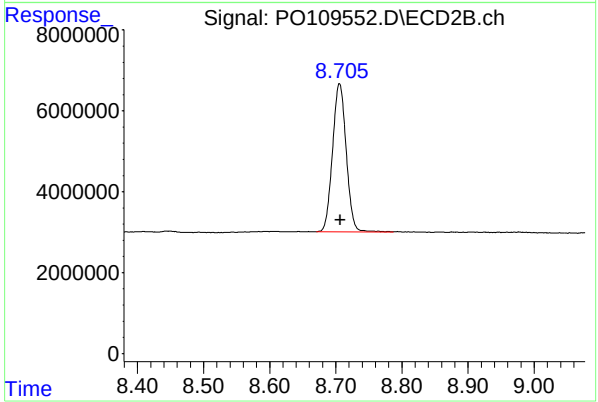

#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 87929163
Conc: 16.80 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 127022765
Conc: 14.77 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 52659334
Conc: 16.54 ng/ml

Raw Data: **PO109574.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/28/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/28/25 |
| Client Sample ID: | PIBLK-PO109574.D | SDG No.: | Q1436 |
| Lab Sample ID: | I.BLK-PO109574.D | Matrix: | WATER |
| Analytical Method: | SW8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109574.D | 1 | | 02/28/25 | PO022725 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.23 | U | 0.23 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.37 | U | 0.37 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.16 | U | 0.16 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.12 | U | 0.12 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.11 | U | 0.11 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 0.14 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.12 | U | 0.12 | 0.50 | ug/L |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 16.0 | | 60 - 140 | 80% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 13.8 | | 60 - 140 | 69% | SPK: 20 |

Comments:

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

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

Sample Results: **PO109574.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 08:38
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 08:53:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.694 | 151.6E6 | 89311135 | 16.012 | 17.063 |
| 2) | SA Decachlor... | 8.753 | 8.706 | 118.9E6 | 50599095 | 13.822m | 15.890 |
| | Target Compounds | | | | | | |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 08:38
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

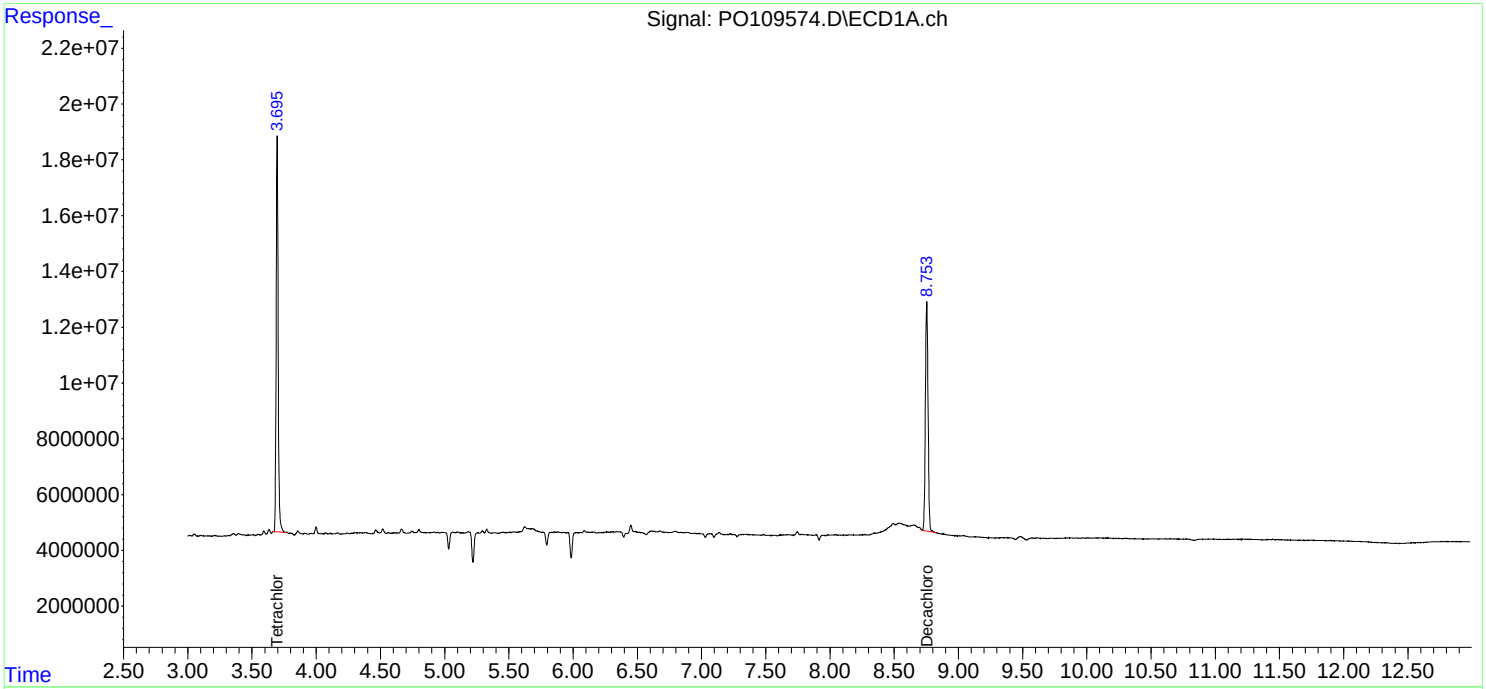
**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

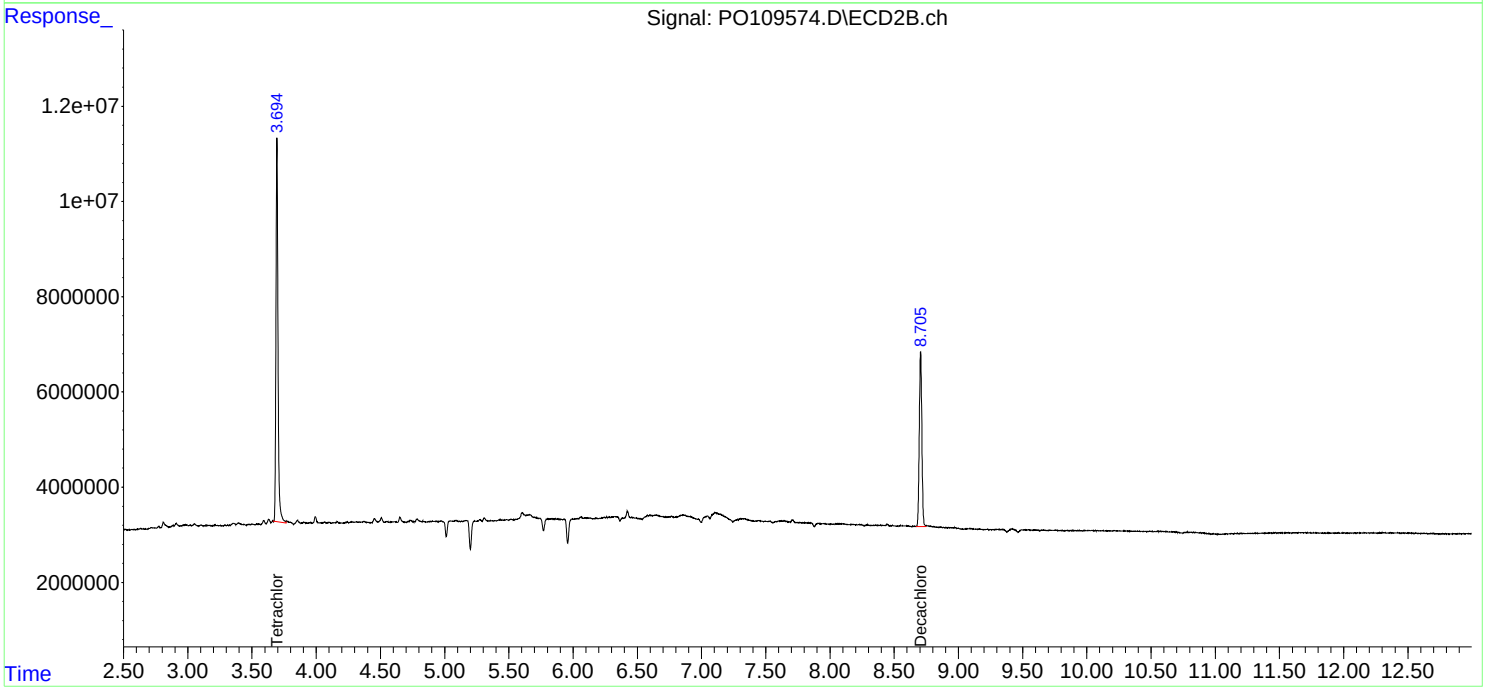
**Manual Integrations APPROVED**

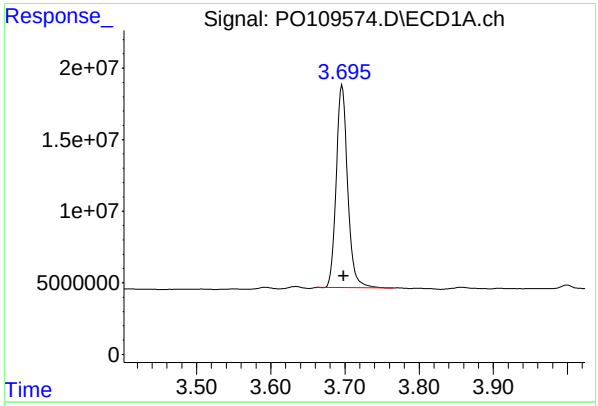
Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 08:53:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





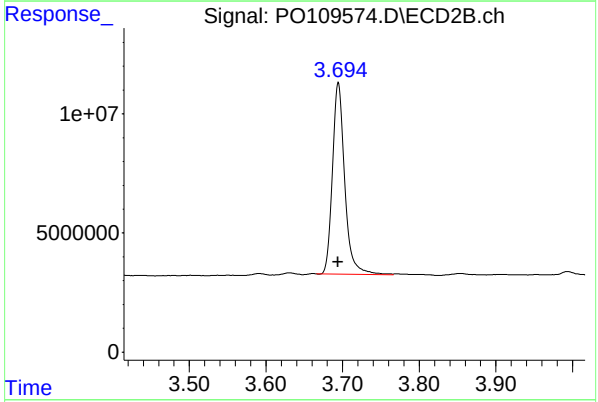

#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.002 mi
Response: 151556961
Conc: 16.01 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

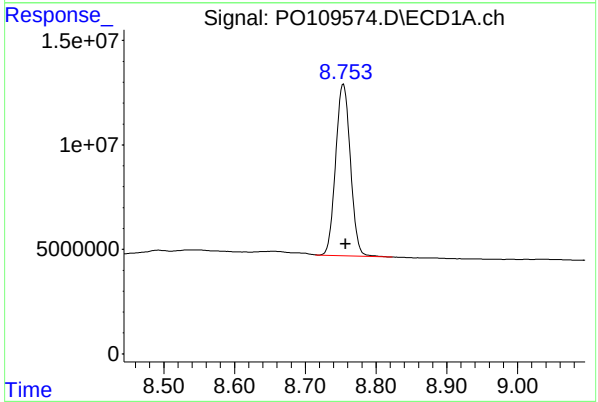
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



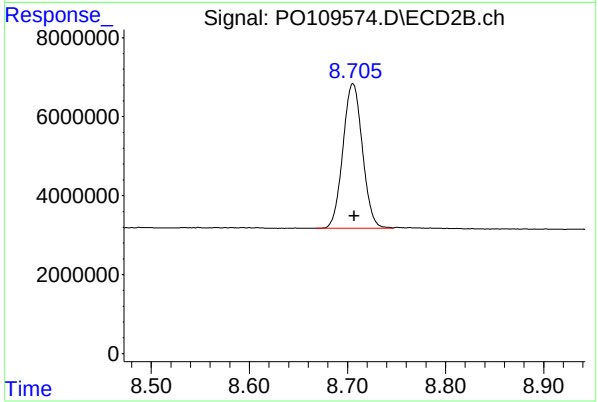

#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 89311135
Conc: 17.06 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 118895631
Conc: 13.82 ng/ml m




#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: -0.001 min
Response: 50599095
Conc: 15.89 ng/ml

Raw Data: **PO109601.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/28/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/28/25 |
| Client Sample ID: | PIBLK-PO109601.D | SDG No.: | Q1436 |
| Lab Sample ID: | I.BLK-PO109601.D | Matrix: | WATER |
| Analytical Method: | SW8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109601.D | 1 | | 02/28/25 | PO022825 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.23 | U | 0.23 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.37 | U | 0.37 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.16 | U | 0.16 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.12 | U | 0.12 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.11 | U | 0.11 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 0.14 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.12 | U | 0.12 | 0.50 | ug/L |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 16.8 | | 60 - 140 | 84% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 15.6 | | 60 - 140 | 78% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109601.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 19:04
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:28:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.694 | 3.694 | 158.6E6 | 91761609 | 16.755 | 17.531 |
| 2) | SA Decachlor... | 8.751 | 8.705 | 134.0E6 | 54741844 | 15.577 | 17.191 |
| | Target Compounds | | | | | | |

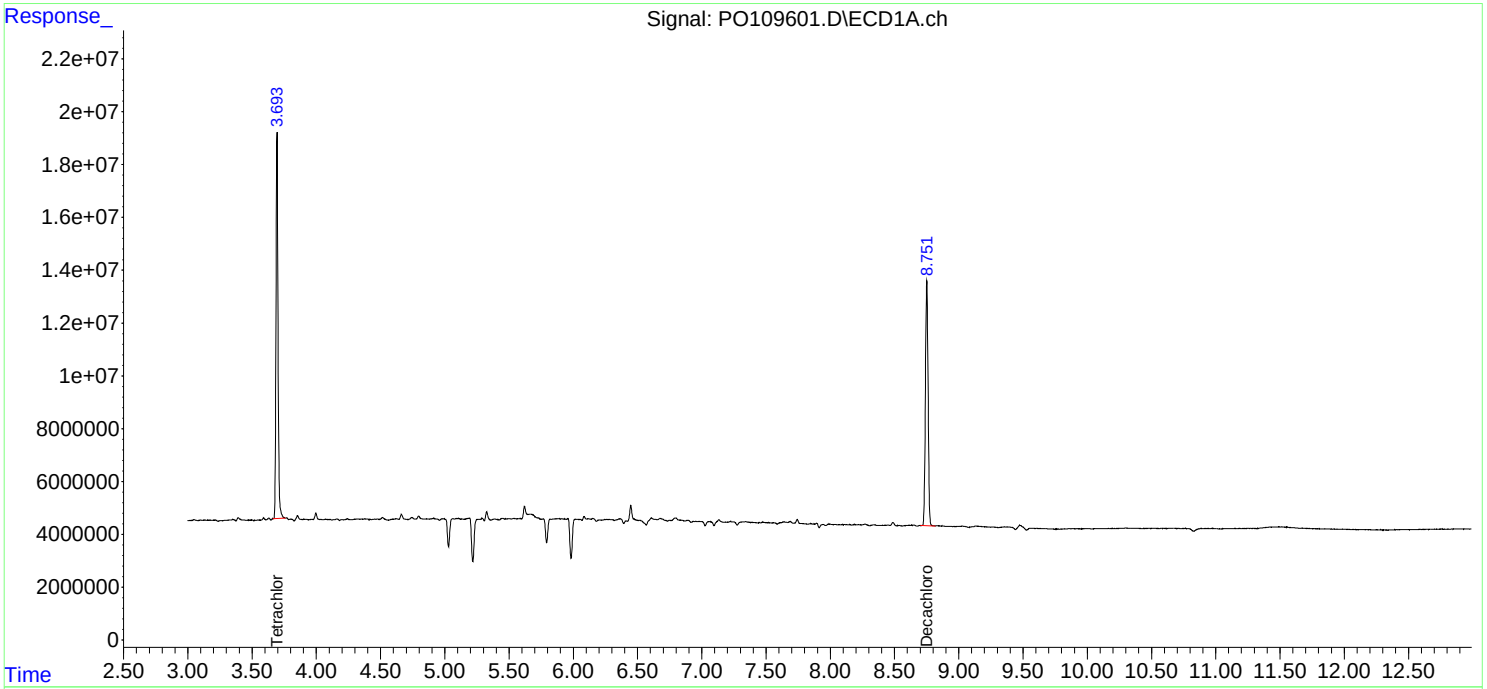
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

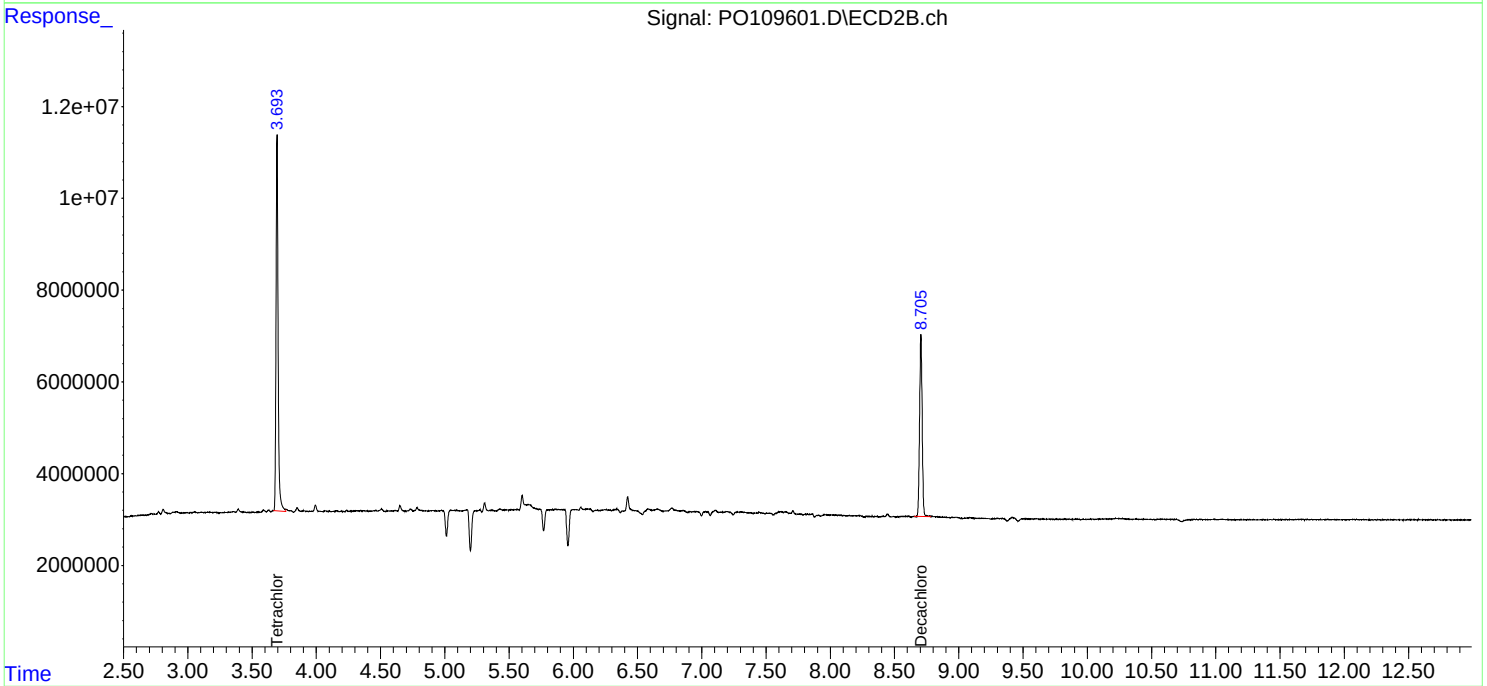
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 19:04
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

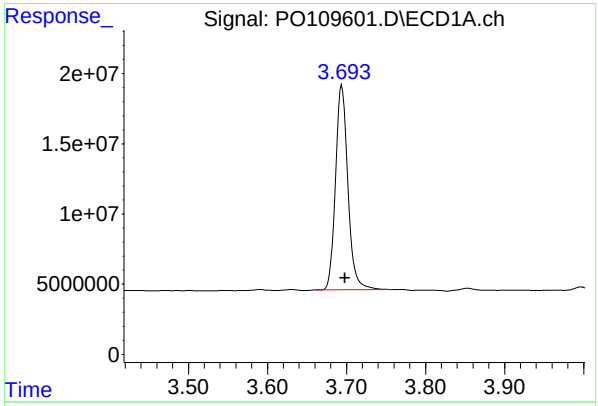
**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:28:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



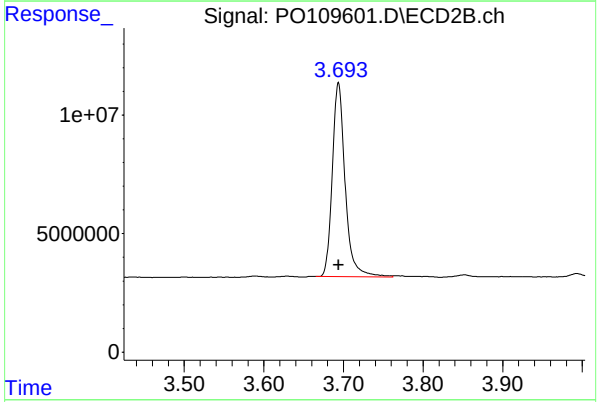






#1 Tetrachloro-m-xylene

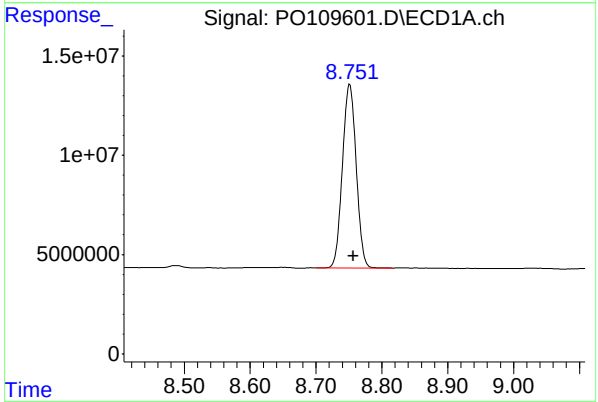
R.T.: 3.694 min
Delta R.T.: -0.004 min
Response: 158585766
Conc: 16.75 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK



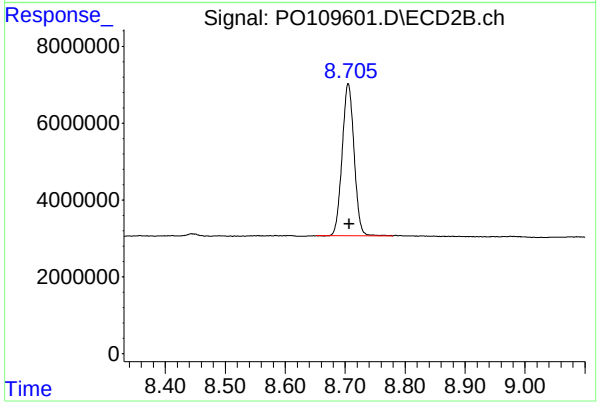

#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 91761609
Conc: 17.53 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.006 min
Response: 133992562
Conc: 15.58 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 54741844
Conc: 17.19 ng/ml

Raw Data: **PO109620.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 03/01/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 03/01/25 |
| Client Sample ID: | PIBLK-PO109620.D | SDG No.: | Q1436 |
| Lab Sample ID: | I.BLK-PO109620.D | Matrix: | WATER |
| Analytical Method: | SW8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109620.D | 1 | | 03/01/25 | PO022825 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.23 | U | 0.23 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.37 | U | 0.37 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.16 | U | 0.16 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.12 | U | 0.12 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.11 | U | 0.11 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 0.14 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.12 | U | 0.12 | 0.50 | ug/L |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 16.8 | | 60 - 140 | 84% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 16.3 | | 60 - 140 | 81% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109620.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Mar 2025 01:49
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 04:45:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.695 | 159.1E6 | 91470185 | 16.806 | 17.475 |
| 2) | SA Decachlor... | 8.754 | 8.707 | 139.9E6 | 55586477 | 16.263 | 17.457 |
| | Target Compounds | | | | | | |

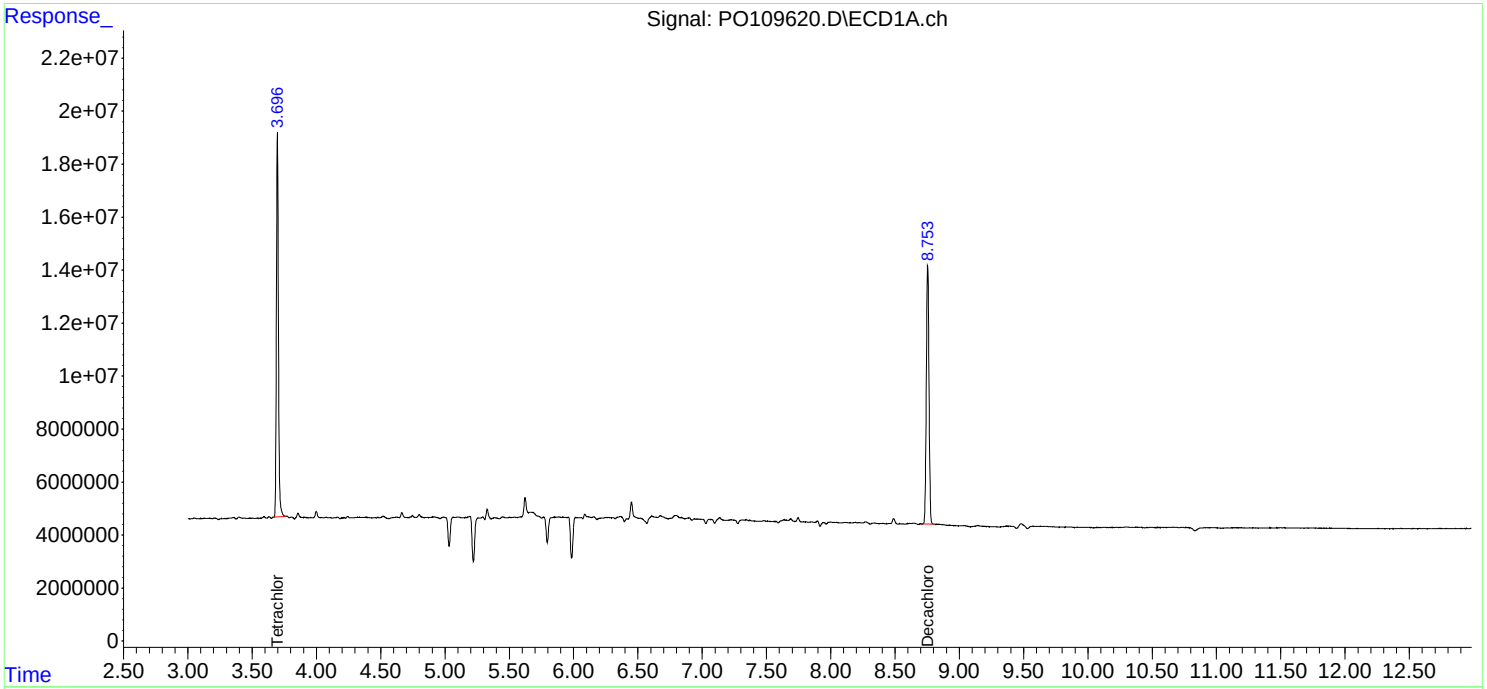
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

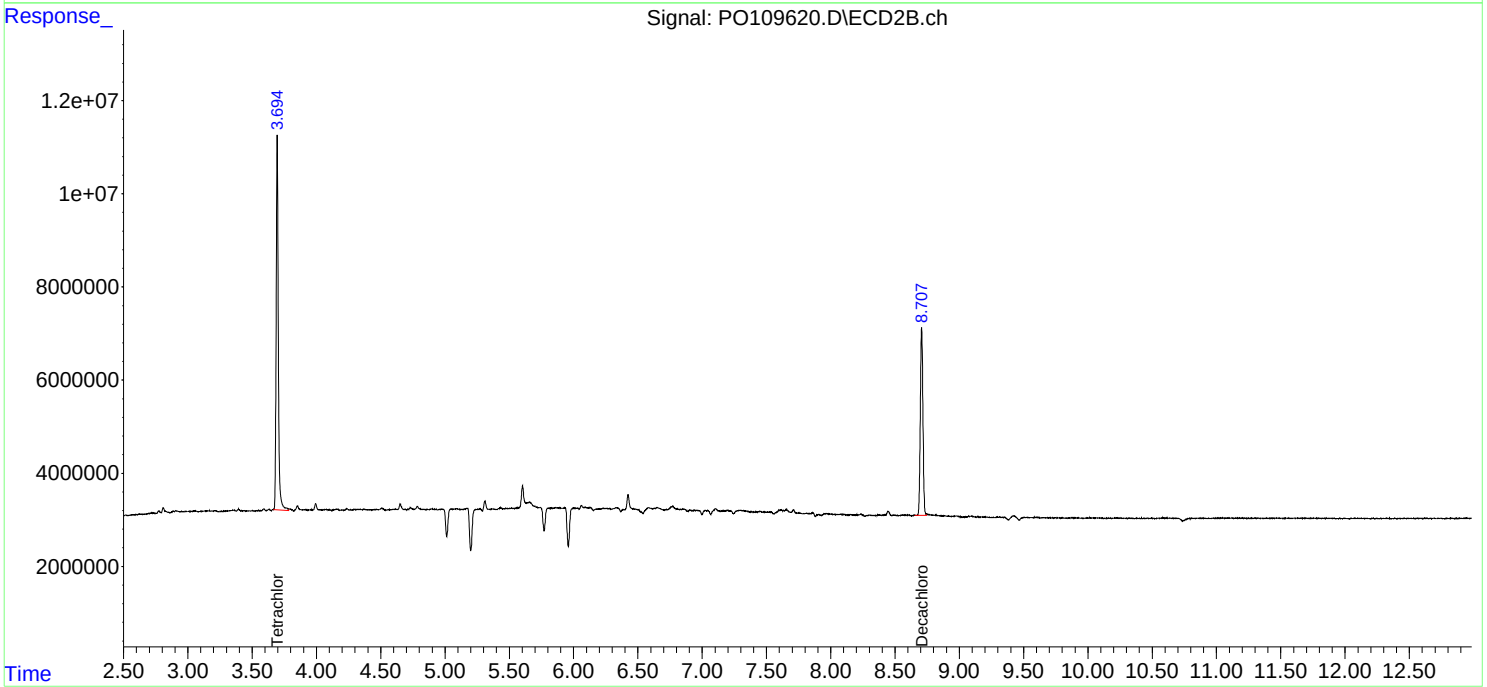
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022825\
Data File : PO109620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Mar 2025 01:49
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

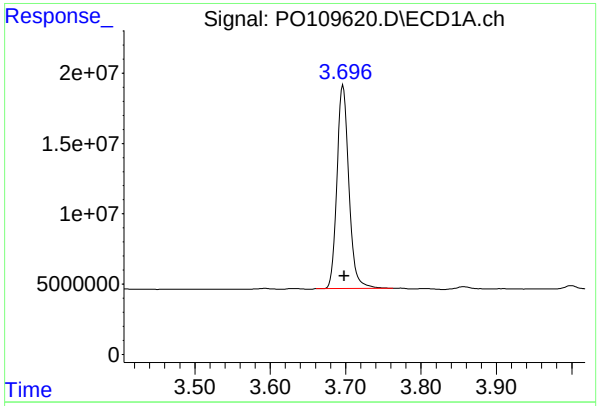
**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 04:45:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



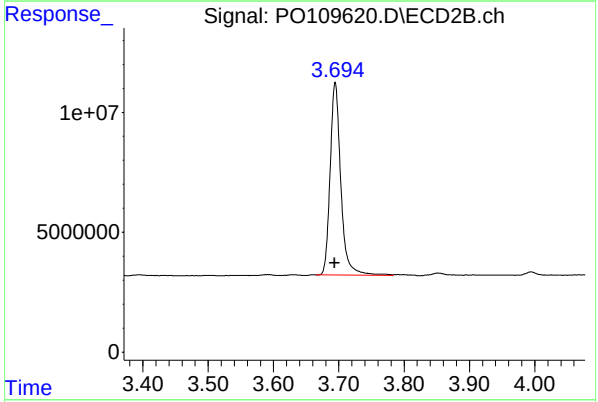






#1 Tetrachloro-m-xylene

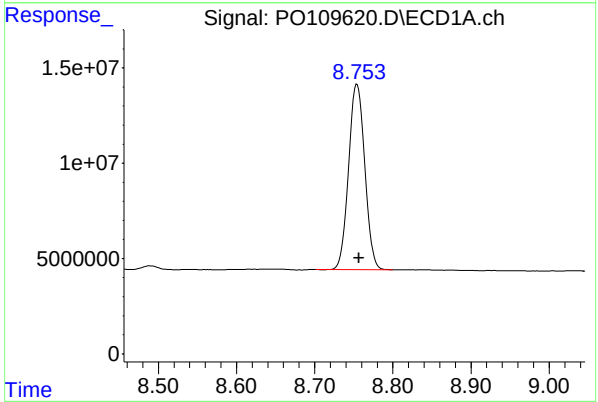
R.T.: 3.697 min
Delta R.T.: -0.001 mi
Response: 159074895
Conc: 16.81 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK



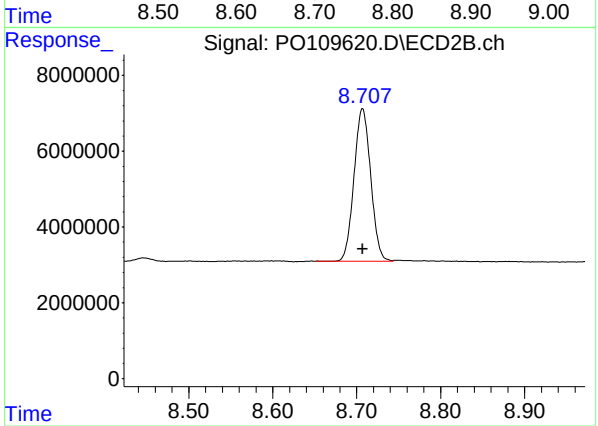

#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 91470185
Conc: 17.48 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.003 min
Response: 139892855
Conc: 16.26 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 55586477
Conc: 17.46 ng/ml

Raw Data: **PO109681.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 03/07/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 03/07/25 |
| Client Sample ID: | PIBLK-PO109681.D | SDG No.: | Q1436 |
| Lab Sample ID: | I.BLK-PO109681.D | Matrix: | WATER |
| Analytical Method: | SW8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109681.D | 1 | | 03/07/25 | PO030625 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.23 | U | 0.23 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.37 | U | 0.37 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.16 | U | 0.16 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.12 | U | 0.12 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.11 | U | 0.11 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 0.14 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.12 | U | 0.12 | 0.50 | ug/L |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 18.1 | | 60 - 140 | 90% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 17.0 | | 60 - 140 | 85% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109681.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:09
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:43:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.693 | 171.0E6 | 99008169 | 18.066 | 18.916 |
| 2) | SA Decachlor... | 8.755 | 8.706 | 146.1E6 | 58515885 | 16.982 | 18.377 |
| | Target Compounds | | | | | | |

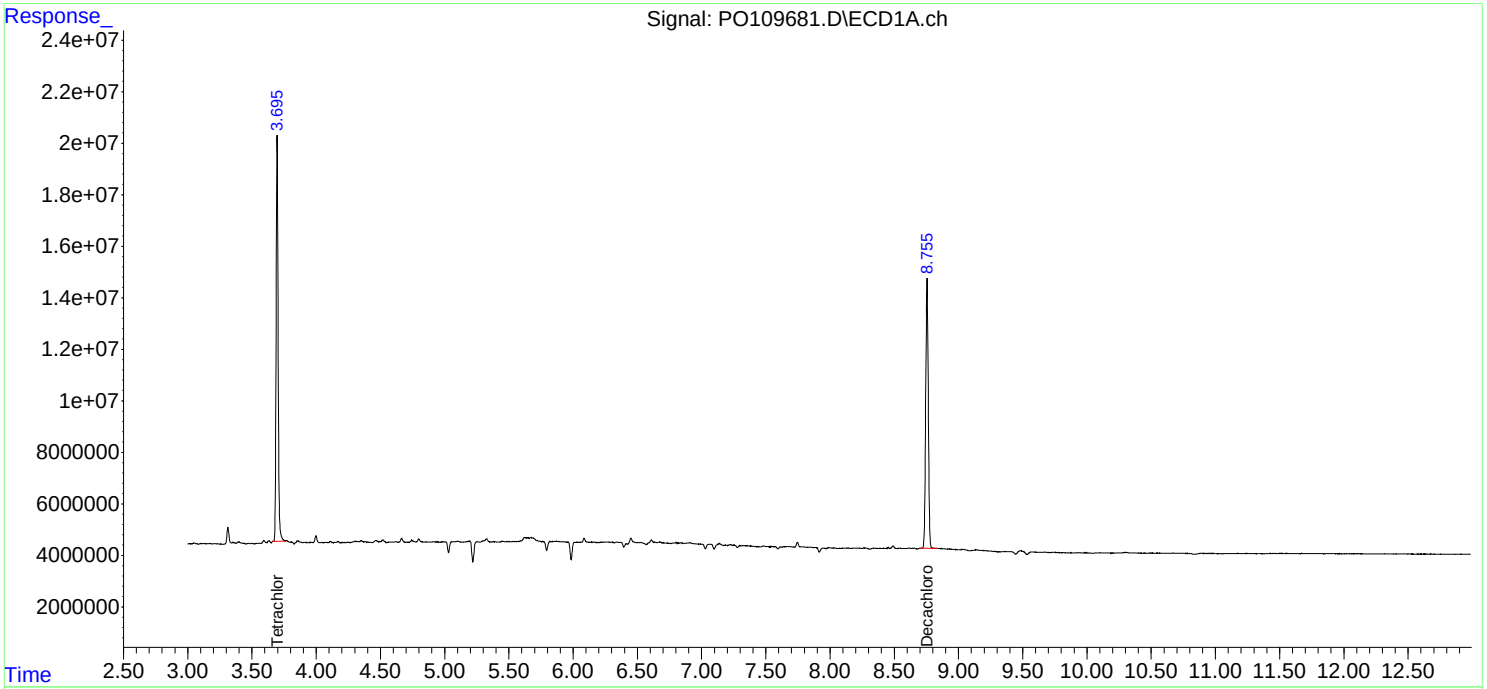
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

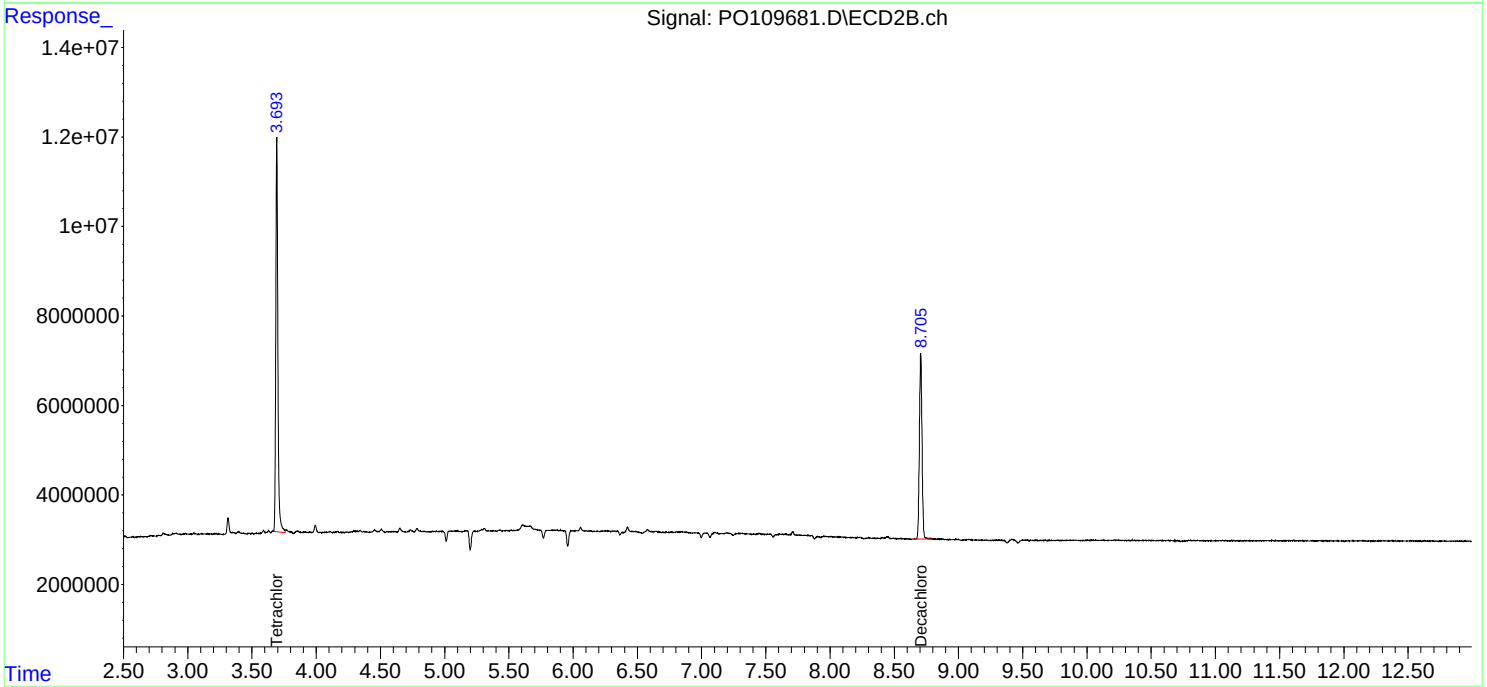
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:09
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

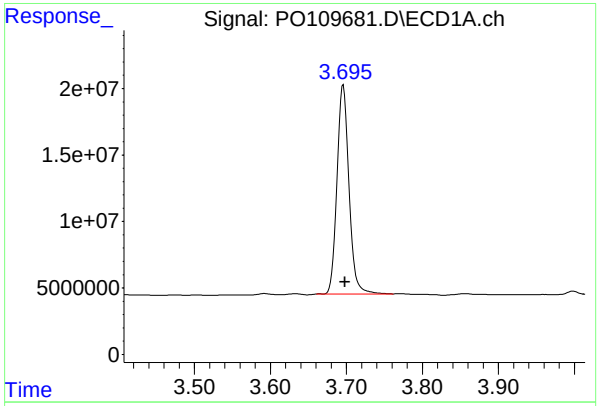
**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:43:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



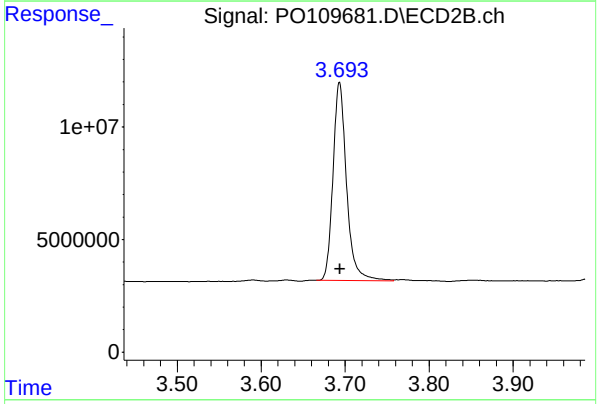






#1 Tetrachloro-m-xylene

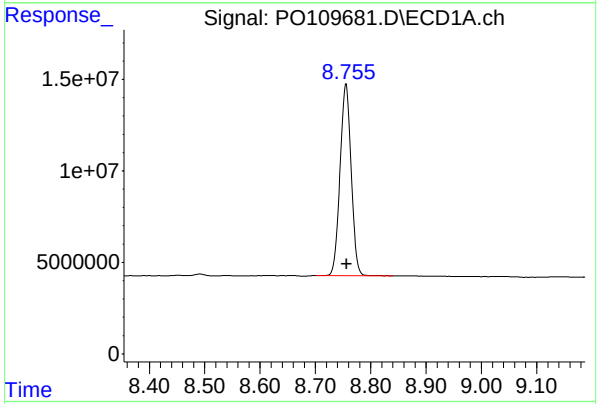
R.T.: 3.696 min
Delta R.T.: -0.002 mi
Response: 170994525
Conc: 18.07 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK



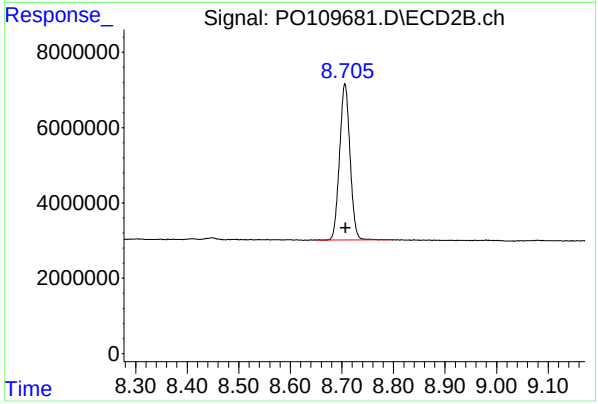

#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 99008169
Conc: 18.92 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 146079199
Conc: 16.98 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 58515885
Conc: 18.38 ng/ml

Raw Data: **PO109696.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 03/07/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 03/07/25 |
| Client Sample ID: | PIBLK-PO109696.D | SDG No.: | Q1436 |
| Lab Sample ID: | I.BLK-PO109696.D | Matrix: | WATER |
| Analytical Method: | SW8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109696.D | 1 | | 03/07/25 | PO030625 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.23 | U | 0.23 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.37 | U | 0.37 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.16 | U | 0.16 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.12 | U | 0.12 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.11 | U | 0.11 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 0.14 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.12 | U | 0.12 | 0.50 | ug/L |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 17.9 | | 60 - 140 | 90% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 16.3 | | 60 - 140 | 81% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PO109696.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109696.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 06:19
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 06:38:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.695 | 3.693 | 169.8E6 | 98562197 | 17.938 | 18.830 |
| 2) | SA Decachlor... | 8.754 | 8.704 | 139.8E6 | 56563978 | 16.248 | 17.764 |
| | Target Compounds | | | | | | |

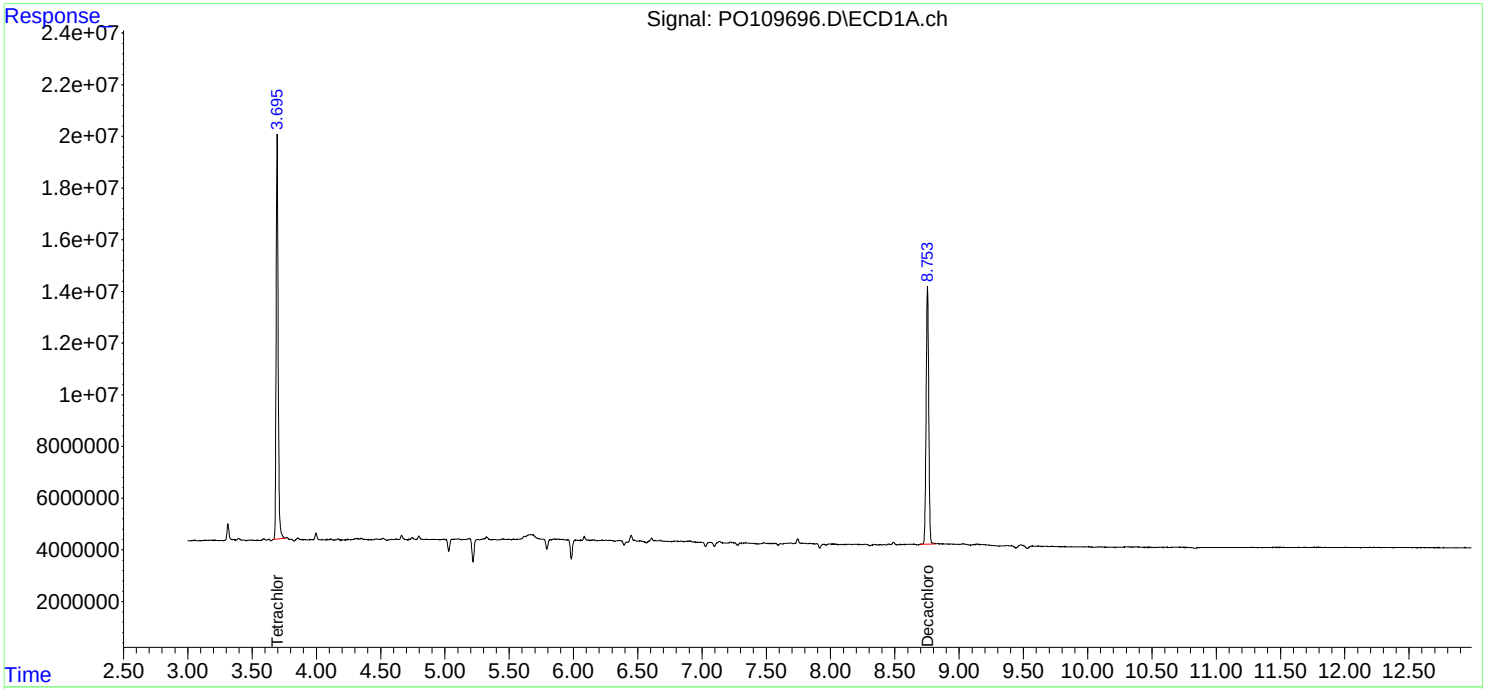
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

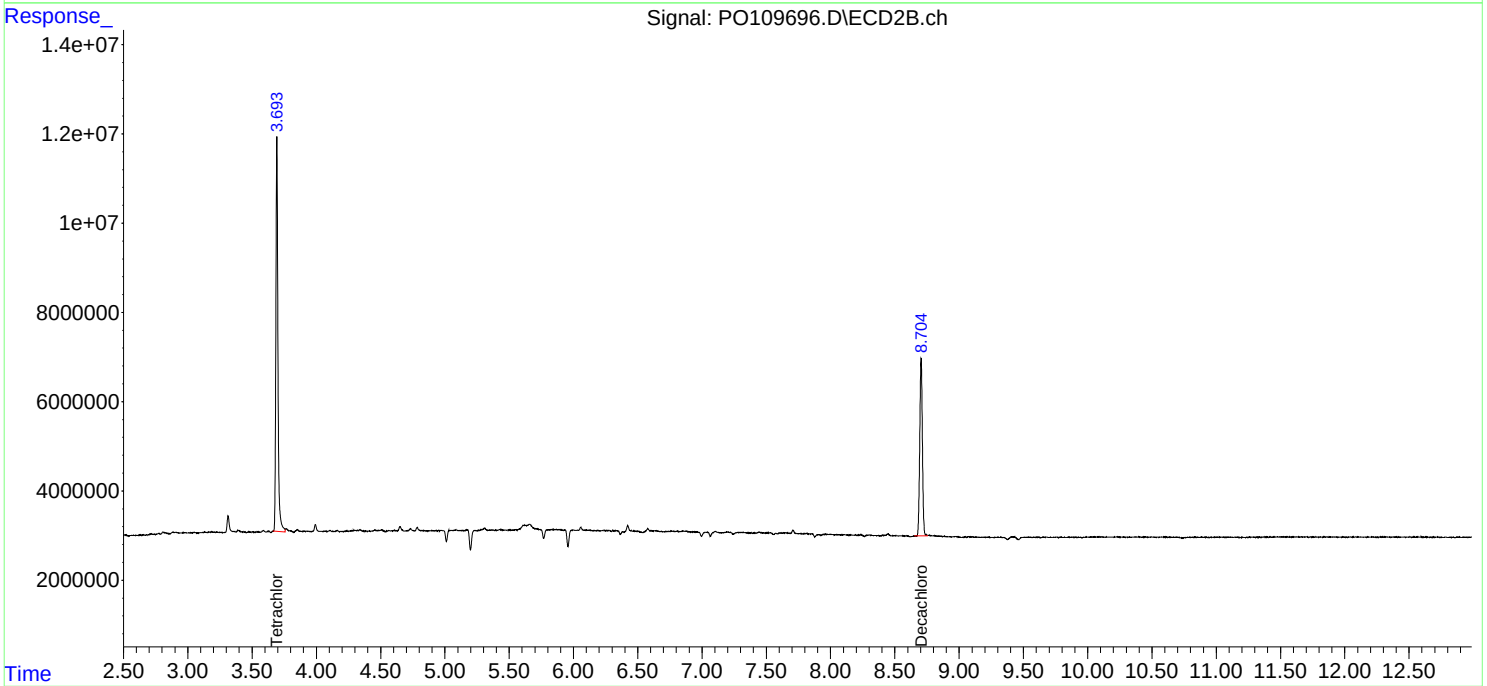
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109696.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 06:19
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

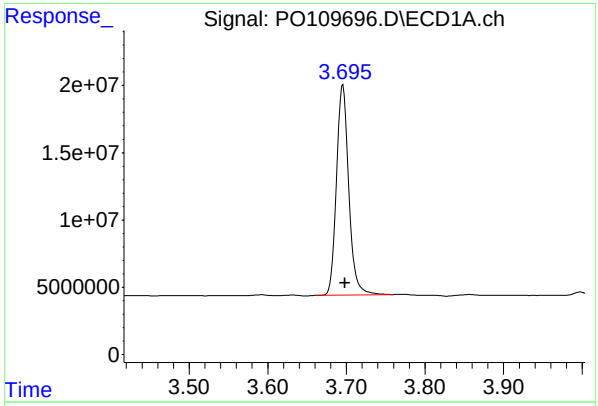
**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 06:38:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



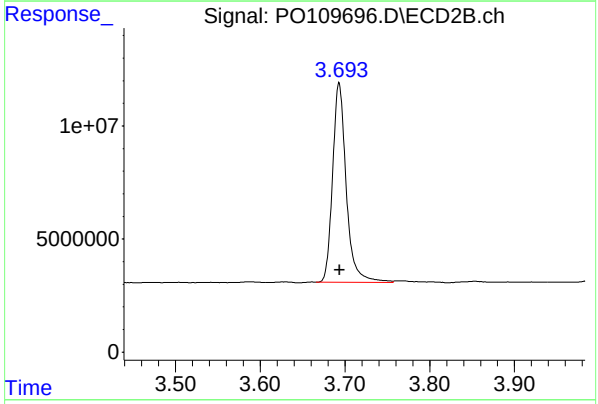






#1 Tetrachloro-m-xylene

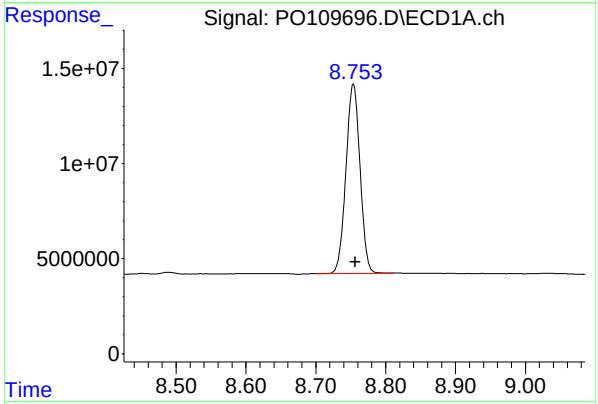
R.T.: 3.695 min
Delta R.T.: -0.003 mi
Response: 169789644
Conc: 17.94 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK



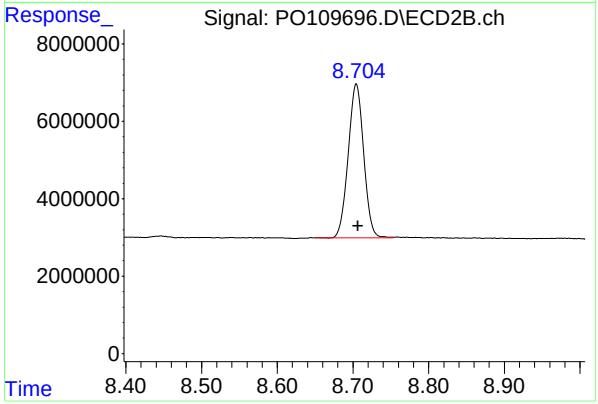

#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 98562197
Conc: 18.83 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.003 min
Response: 139765247
Conc: 16.25 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: -0.002 min
Response: 56563978
Conc: 17.76 ng/ml

Raw Data: **PP069995.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/24/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/24/25 |
| Client Sample ID: | PIBLK-PP069995.D | SDG No.: | Q1436 |
| Lab Sample ID: | I.BLK-PP069995.D | Matrix: | WATER |
| Analytical Method: | SW8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP069995.D | 1 | | 02/24/25 | PP022425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.23 | U | 0.23 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.37 | U | 0.37 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.16 | U | 0.16 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.12 | U | 0.12 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.11 | U | 0.11 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 0.14 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.12 | U | 0.12 | 0.50 | ug/L |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 21.9 | | 60 - 140 | 109% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 21.6 | | 60 - 140 | 108% | SPK: 20 |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >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

Quantitation Report (QT Reviewed)

Sample Results: **PP069995.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 14:43
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 05:11:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.526 | 3.829 | 32092801 | 21102903 | 21.867 | 22.073 |
| 2) | SA Decachlor... | 10.254 | 8.887 | 24802970 | 23428943 | 21.775 | 21.611 |
| | Target Compounds | | | | | | |

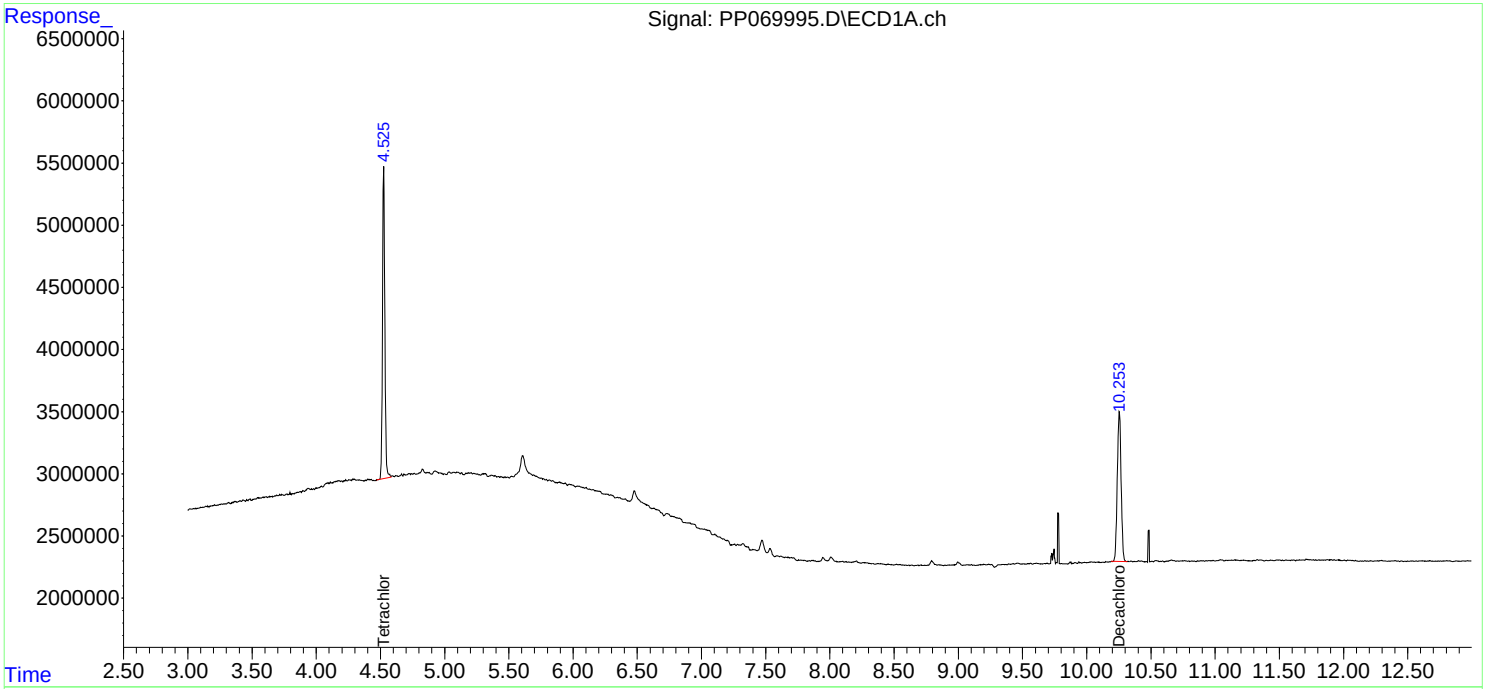
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

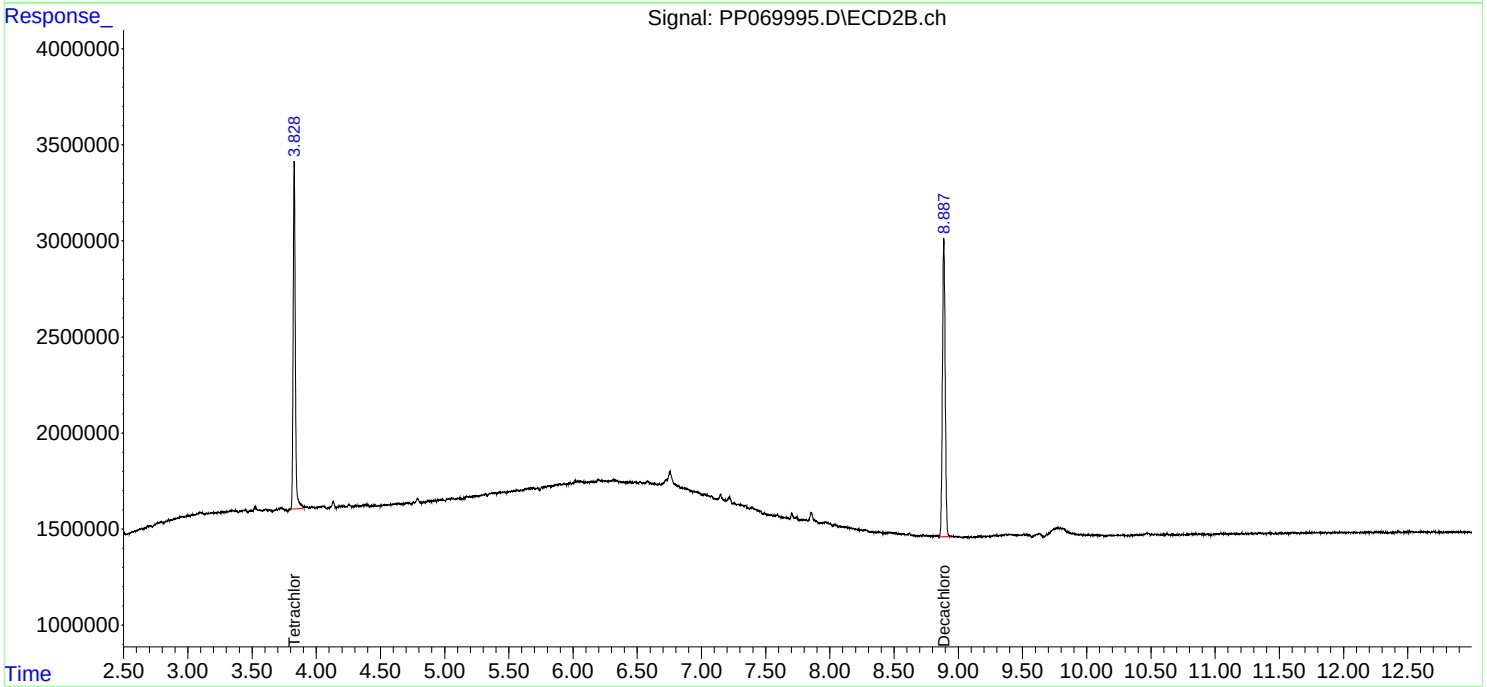
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022425\
Data File : PP069995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 14:43
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

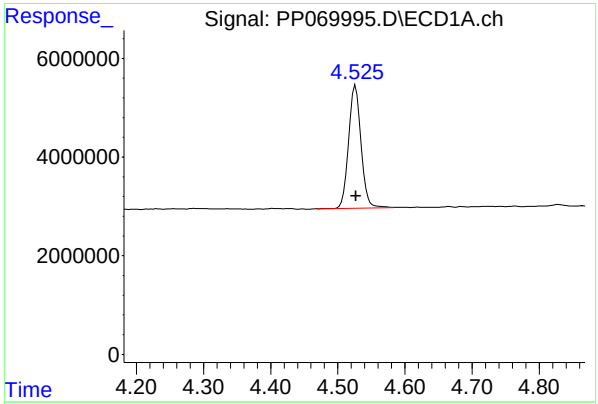
**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 05:11:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



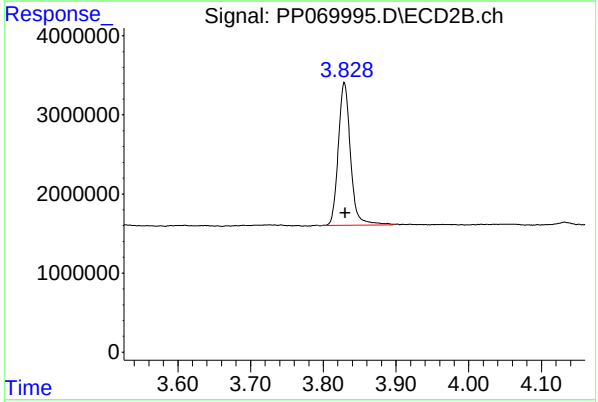






#1 Tetrachloro-m-xylene

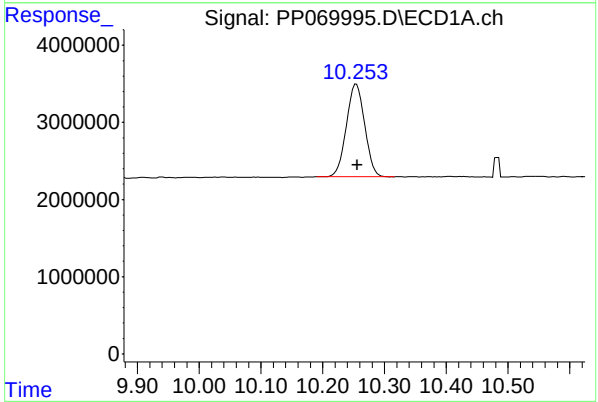
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 32092801
Conc: 21.87 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK



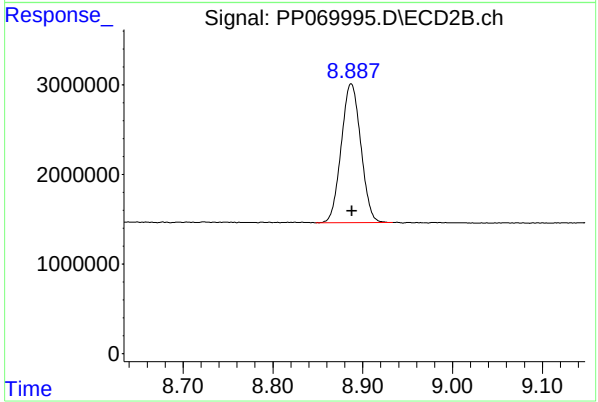

#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.001 min
Response: 21102903
Conc: 22.07 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.002 min
Response: 24802970
Conc: 21.78 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 23428943
Conc: 21.61 ng/ml

Raw Data: **PP070313.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 03/06/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 03/06/25 |
| Client Sample ID: | PIBLK-PP070313.D | SDG No.: | Q1436 |
| Lab Sample ID: | I.BLK-PP070313.D | Matrix: | WATER |
| Analytical Method: | SW8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP070313.D | 1 | | 03/06/25 | PP030625 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.23 | U | 0.23 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.37 | U | 0.37 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.16 | U | 0.16 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.12 | U | 0.12 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.11 | U | 0.11 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 0.14 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.12 | U | 0.12 | 0.50 | ug/L |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 19.2 | | 60 - 140 | 96% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 16.9 | | 60 - 140 | 85% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PP070313.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070313.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 16:38
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:32:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.524 | 3.829 | 28204547 | 19272130 | 19.218 | 20.158 |
| 2) | SA Decachlor... | 10.257 | 8.887 | 19311214 | 18352389 | 16.954 | 16.929 |
| | Target Compounds | | | | | | |

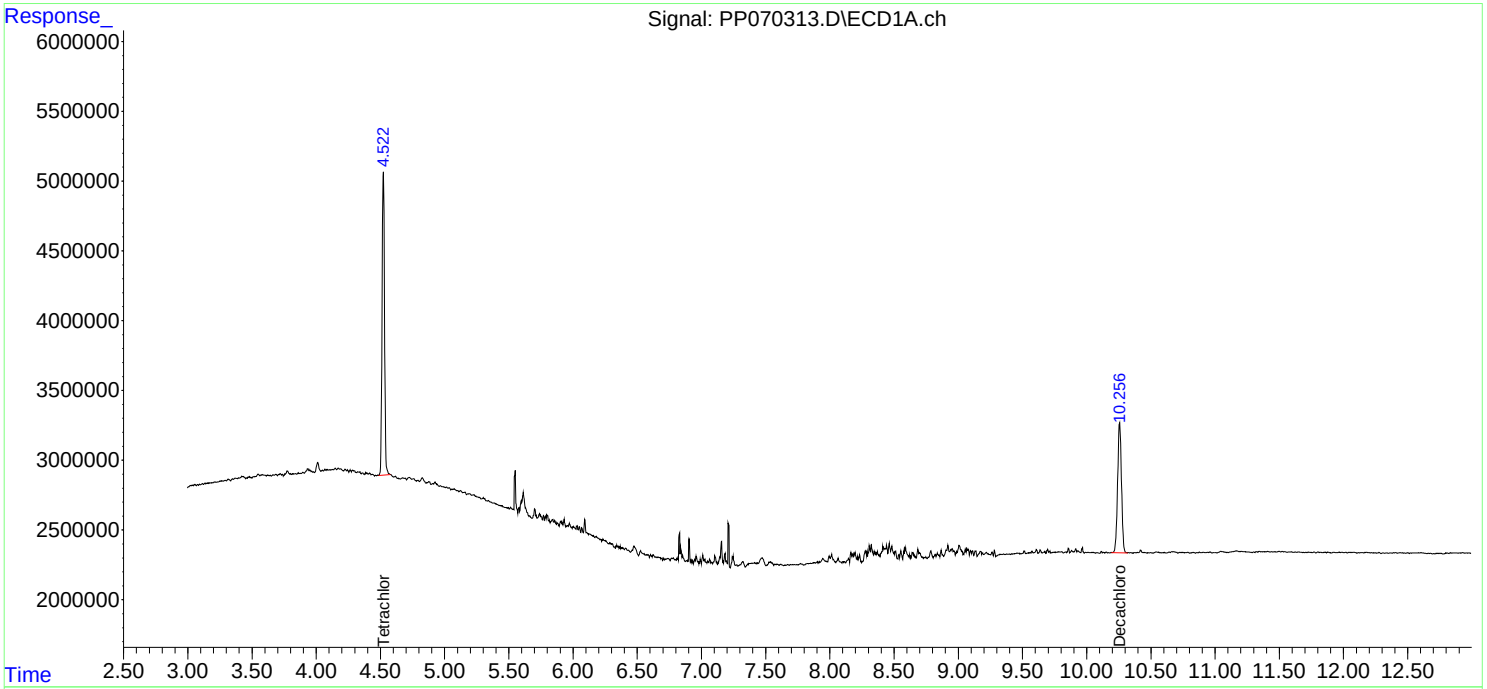
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

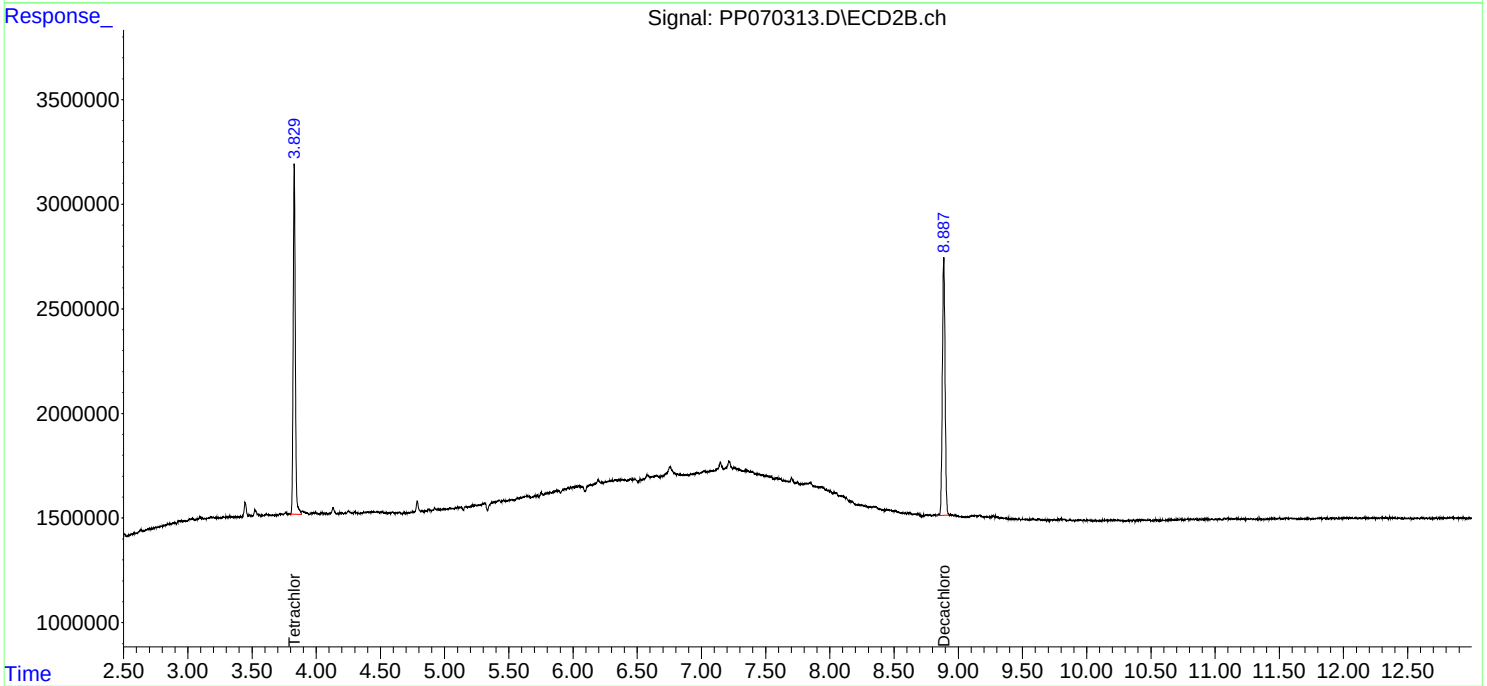
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070313.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 16:38
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

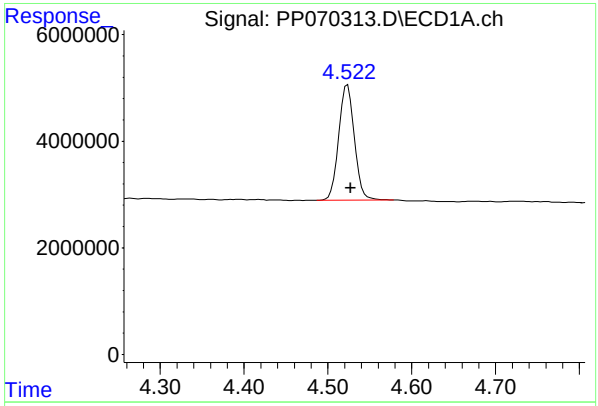
**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:32:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



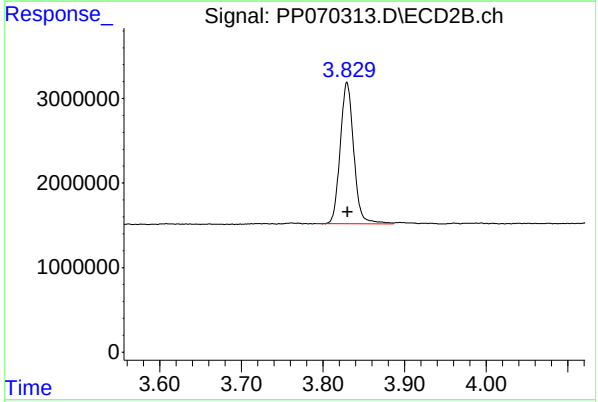






#1 Tetrachloro-m-xylene

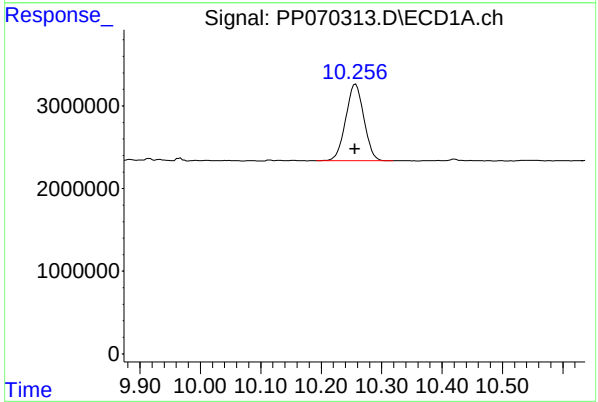
R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 28204547
Conc: 19.22 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK



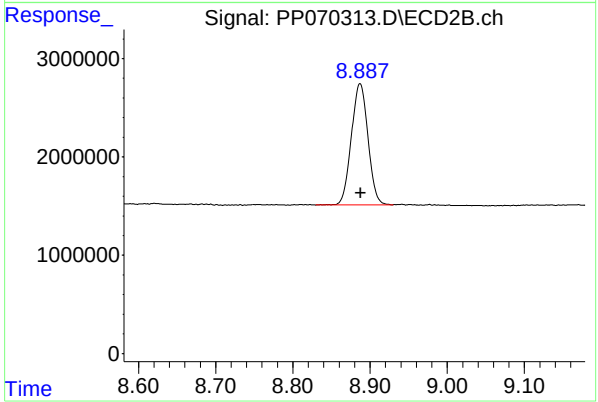

#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: 0.000 min
Response: 19272130
Conc: 20.16 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: 0.001 min
Response: 19311214
Conc: 16.95 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 18352389
Conc: 16.93 ng/ml

Raw Data: **PP070328.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 03/06/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 03/06/25 |
| Client Sample ID: | PIBLK-PP070328.D | SDG No.: | Q1436 |
| Lab Sample ID: | I.BLK-PP070328.D | Matrix: | WATER |
| Analytical Method: | SW8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP070328.D | 1 | | 03/06/25 | PP030625 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.23 | U | 0.23 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.37 | U | 0.37 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.16 | U | 0.16 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.12 | U | 0.12 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.11 | U | 0.11 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 0.14 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.12 | U | 0.12 | 0.50 | ug/L |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 18.9 | | 60 - 140 | 95% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 17.3 | | 60 - 140 | 87% | SPK: 20 |

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PP070328.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 21:58
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:37:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.525 | 3.828 | 27762102 | 18783979 | 18.916 | 19.648m |
| 2) | SA Decachlor... | 10.257 | 8.884 | 19738556 | 19262498 | 17.329 | 17.768 |
| | Target Compounds | | | | | | |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030625\
Data File : PP070328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 21:58
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

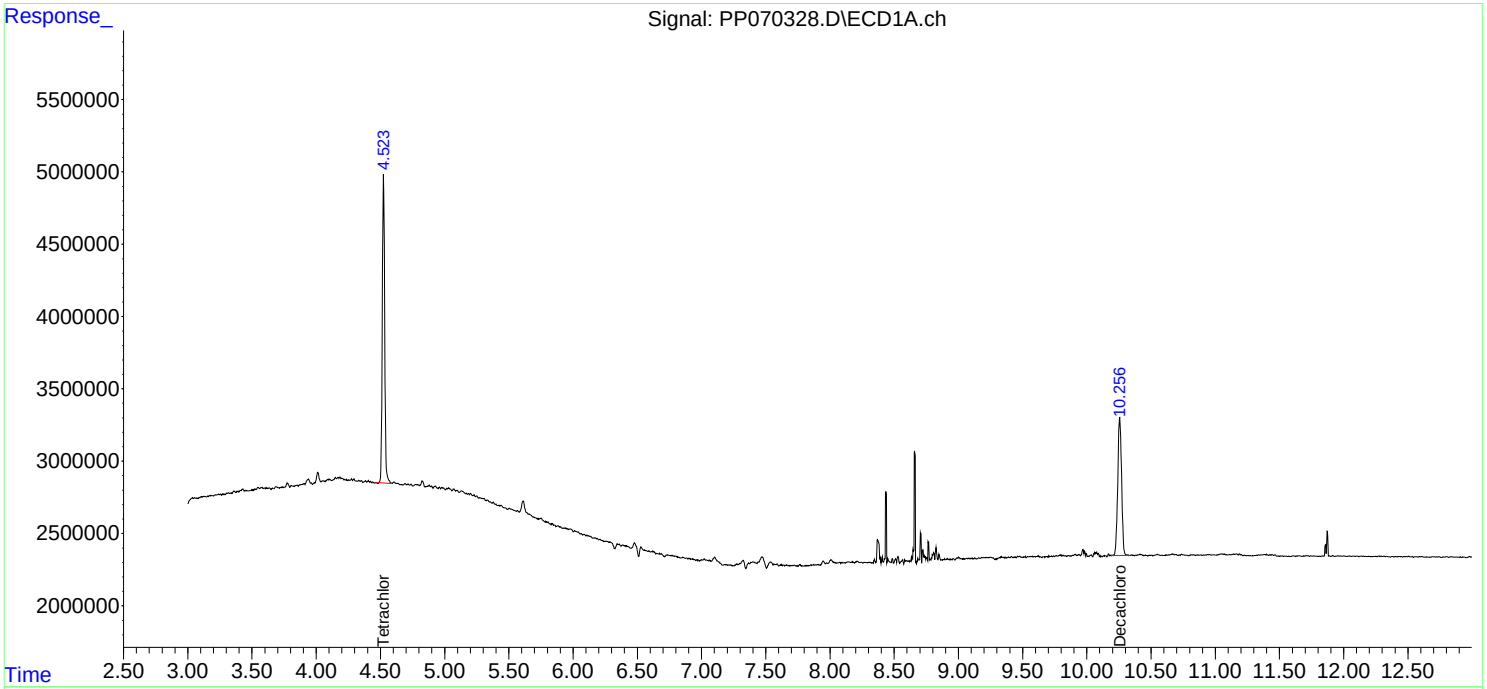
**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

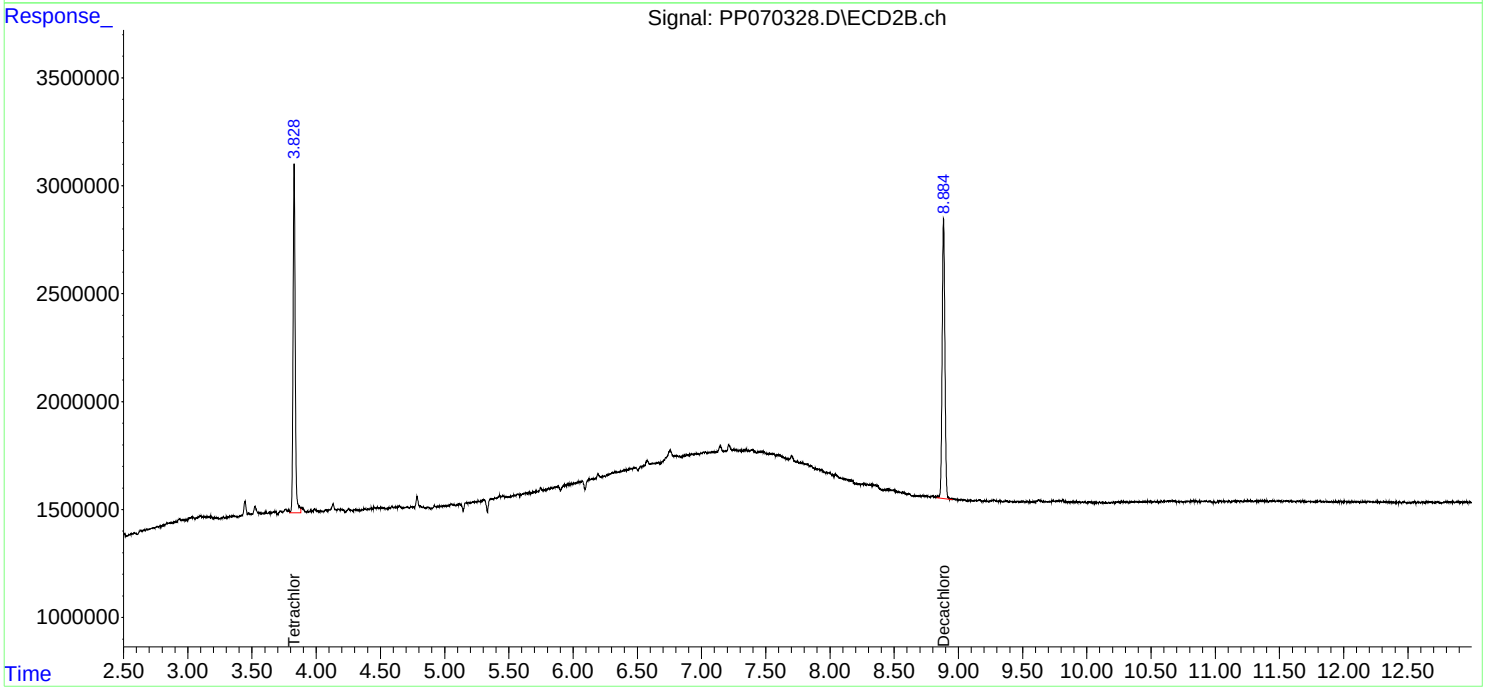
**Manual Integrations APPROVED**

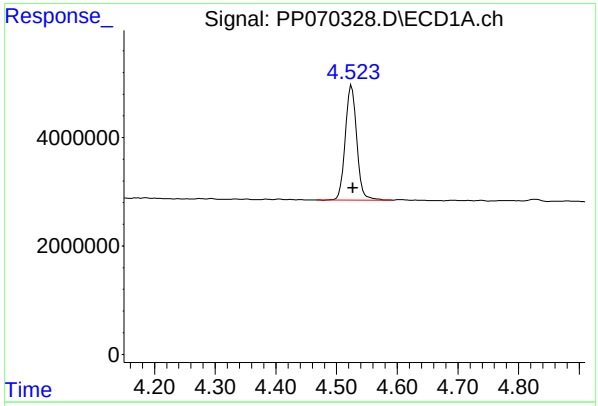
Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 23:37:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





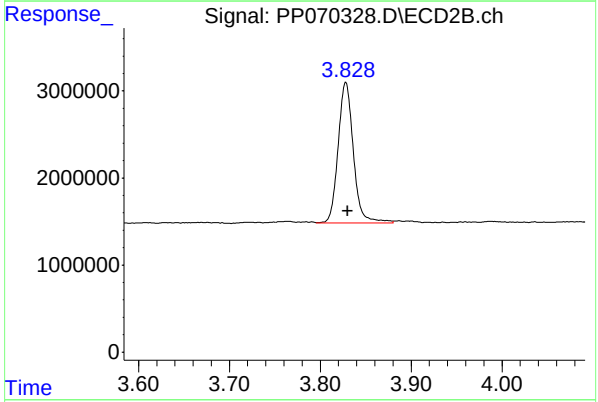

#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.002 mi
Response: 27762102
Conc: 18.92 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

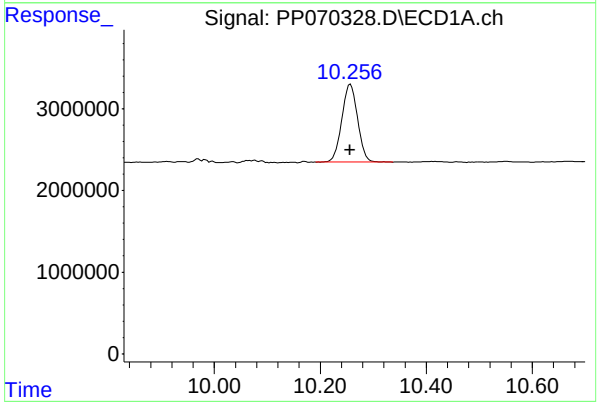
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



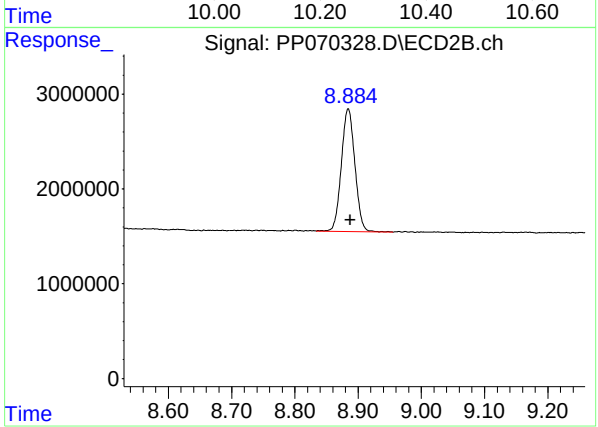

#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 18783979
Conc: 19.65 ng/ml m




#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: 0.000 min
Response: 19738556
Conc: 17.33 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.884 min
Delta R.T.: -0.003 min
Response: 19262498
Conc: 17.77 ng/ml

Raw Data: **PP070339.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 03/07/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 03/07/25 |
| Client Sample ID: | PIBLK-PP070339.D | SDG No.: | Q1436 |
| Lab Sample ID: | I.BLK-PP070339.D | Matrix: | WATER |
| Analytical Method: | SW8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP070339.D | 1 | | 03/07/25 | PP030725 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.23 | U | 0.23 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.37 | U | 0.37 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.16 | U | 0.16 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.12 | U | 0.12 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.11 | U | 0.11 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 0.14 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.12 | U | 0.12 | 0.50 | ug/L |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 20.2 | | 60 - 140 | 101% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 19.3 | | 60 - 140 | 97% | SPK: 20 |

Comments:

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

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

Sample Results: **PP070339.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 09:15
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 11:03:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.530 | 3.829 | 30677406 | 19279423 | 20.903 | 20.166 |
| 2) | SA Decachlor... | 10.258 | 8.884 | 21981261 | 21552401 | 19.298 | 19.880 |
| | Target Compounds | | | | | | |

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

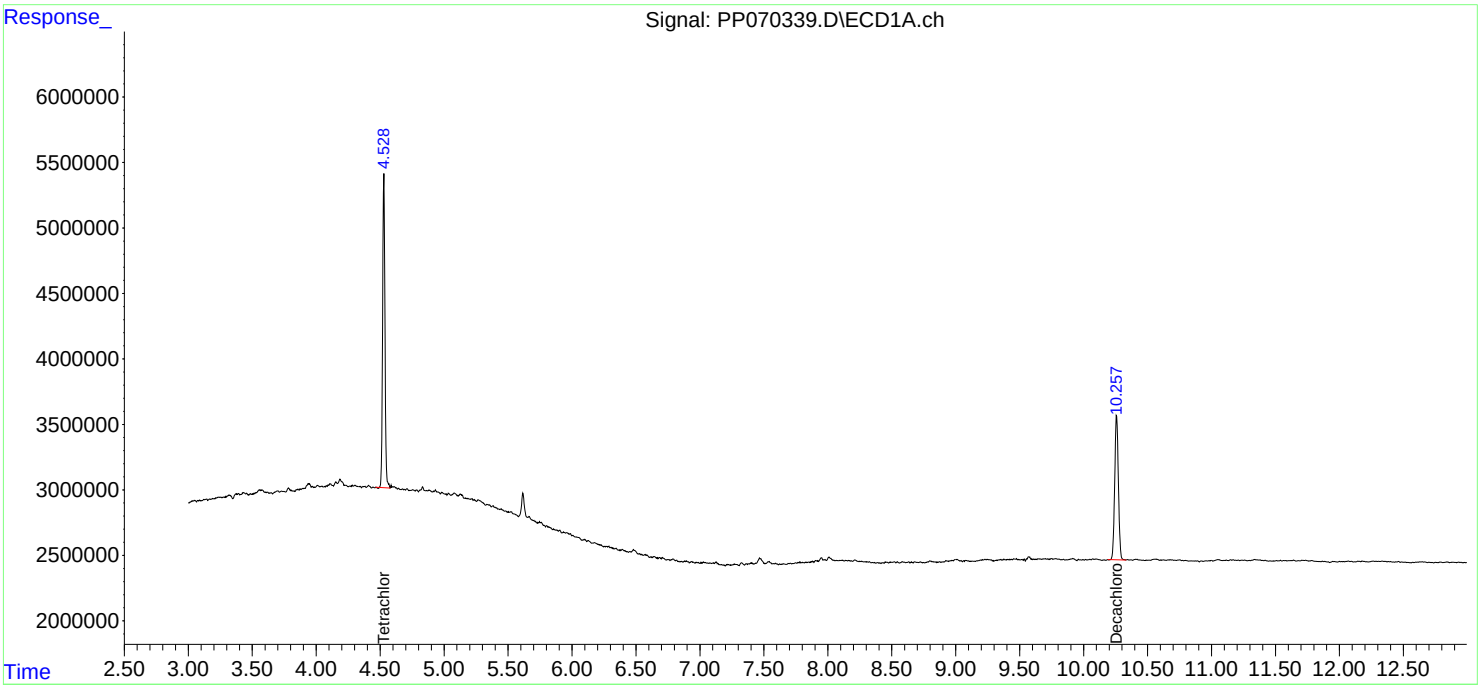
Sample Results: **PP070339.D**

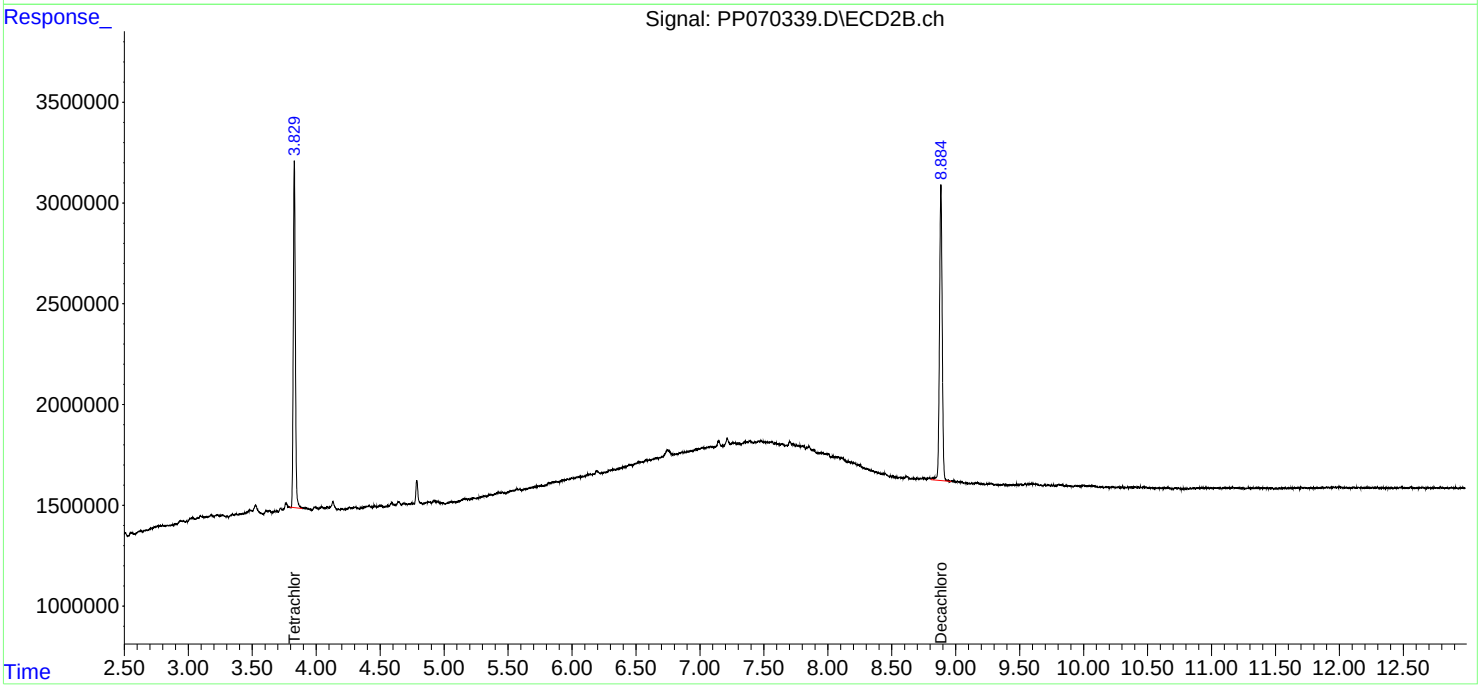
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 09:15
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

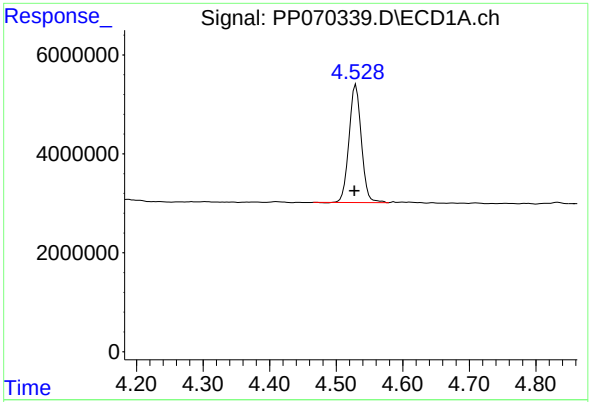
**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 11:03:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



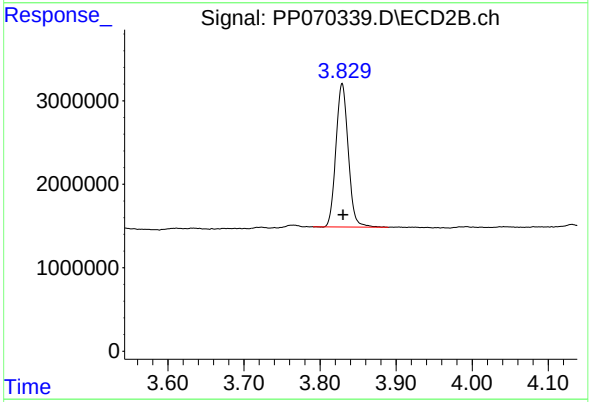






#1 Tetrachloro-m-xylene

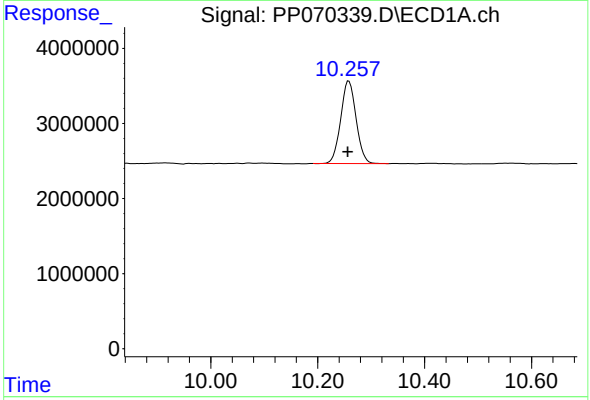
R.T.: 4.530 min
Delta R.T.: 0.003 min
Response: 30677406
Conc: 20.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK



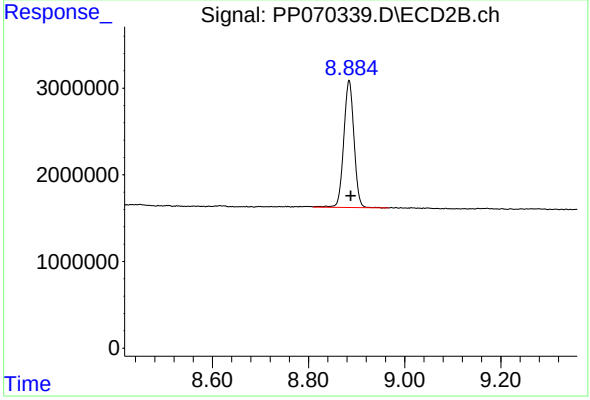

#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.001 min
Response: 19279423
Conc: 20.17 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.258 min
Delta R.T.: 0.002 min
Response: 21981261
Conc: 19.30 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.884 min
Delta R.T.: -0.004 min
Response: 21552401
Conc: 19.88 ng/ml

Raw Data: **PP070348.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 03/07/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 03/07/25 |
| Client Sample ID: | PIBLK-PP070348.D | SDG No.: | Q1436 |
| Lab Sample ID: | I.BLK-PP070348.D | Matrix: | WATER |
| Analytical Method: | SW8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP070348.D | 1 | | 03/07/25 | PP030725 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.23 | U | 0.23 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.37 | U | 0.37 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.16 | U | 0.16 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.12 | U | 0.12 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.11 | U | 0.11 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.15 | U | 0.15 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 0.14 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.12 | U | 0.12 | 0.50 | ug/L |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 20.6 | | 60 - 140 | 103% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 19.6 | | 60 - 140 | 98% | SPK: 20 |

Comments:

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

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

Sample Results: **PP070348.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 12:03
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:30:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.525 | 3.827 | 30515577 | 19739272 | 20.793 | 20.647 |
| 2) | SA Decachlor... | 10.254 | 8.882 | 22334120 | 22381121 | 19.608 | 20.645 |
| | Target Compounds | | | | | | |

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

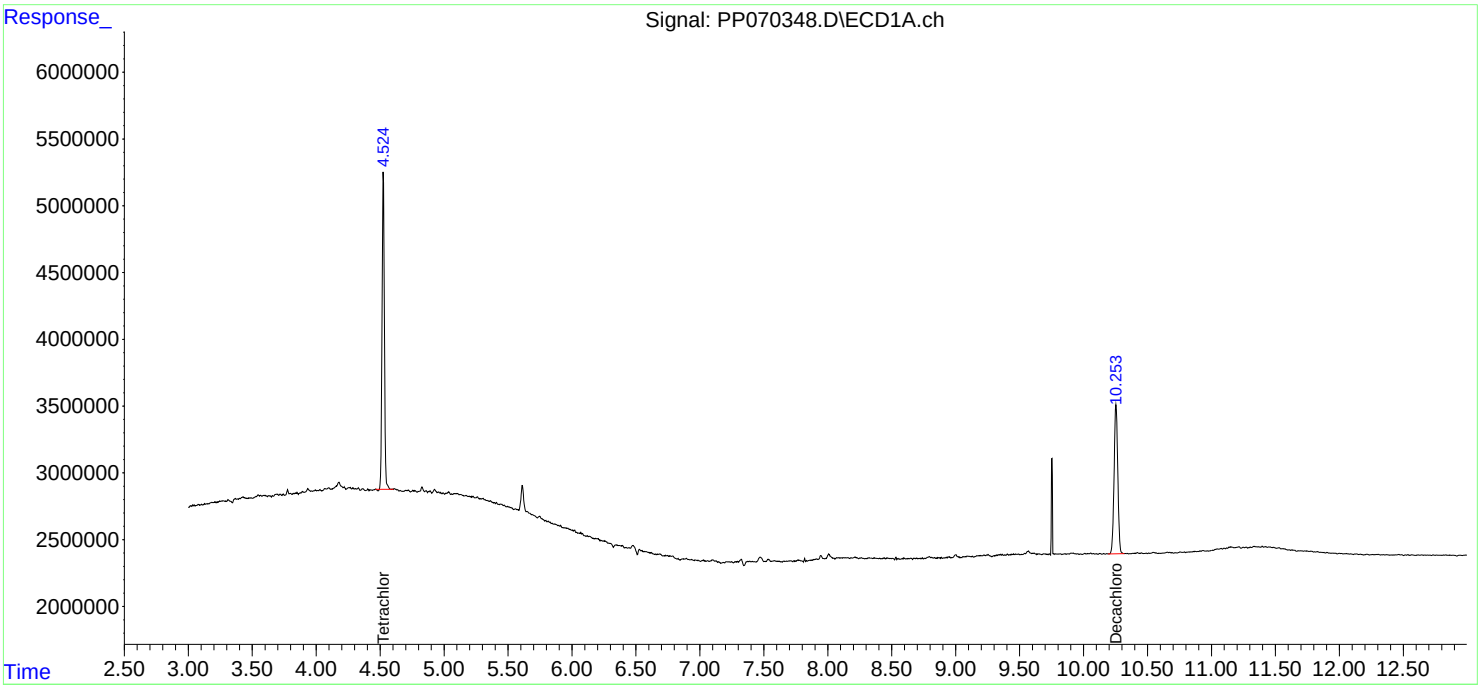
Sample Results: **PP070348.D**

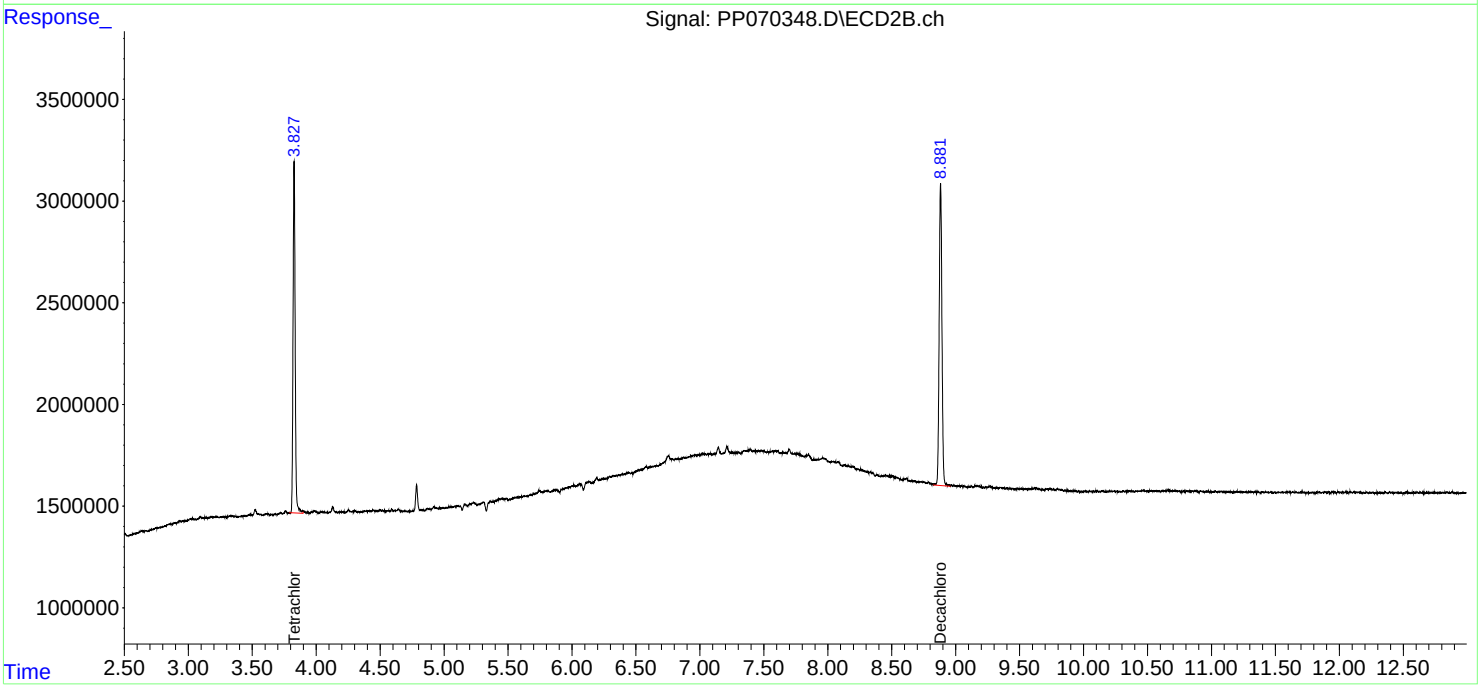
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 12:03
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

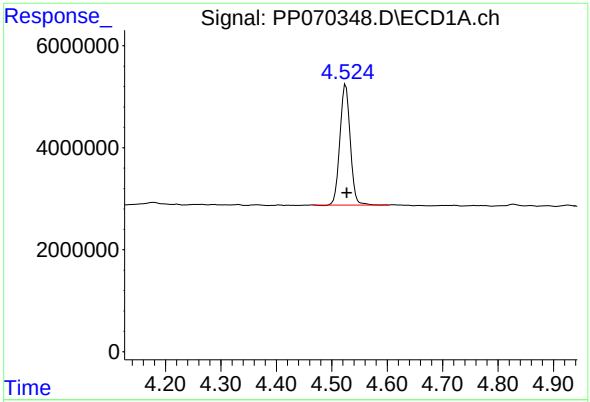
**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 12:30:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



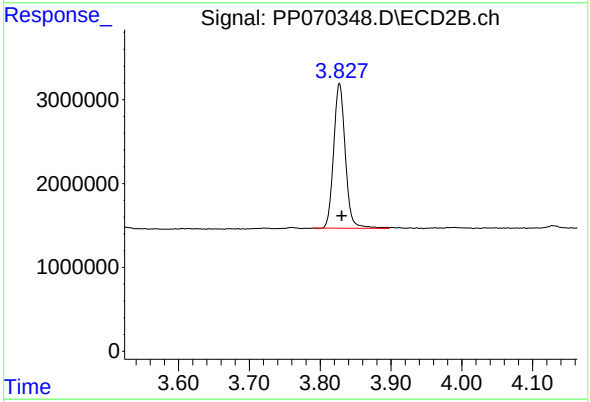






#1 Tetrachloro-m-xylene

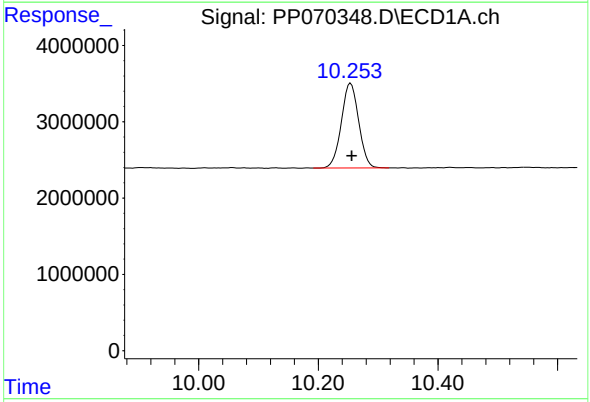
R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 30515577
Conc: 20.79 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK



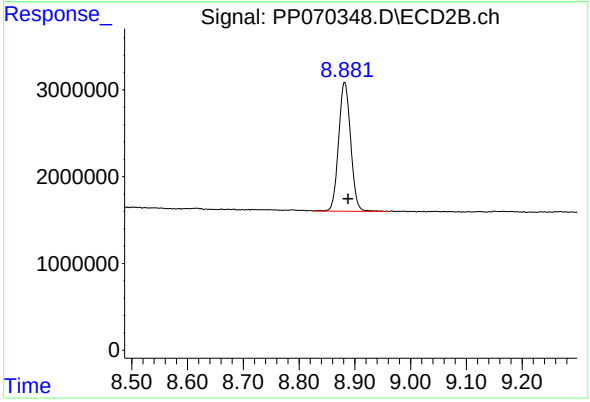

#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: -0.003 min
Response: 19739272
Conc: 20.65 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.002 min
Response: 22334120
Conc: 19.61 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.882 min
Delta R.T.: -0.006 min
Response: 22381121
Conc: 20.64 ng/ml

Raw Data: **PO109547.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | |
| Client Sample ID: | PB166889BS | SDG No.: | Q1436 |
| Lab Sample ID: | PB166889BS | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 100 Decanted: |
| Sample Wt/Vol: | 30.03 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109547.D | 1 | 02/27/25 09:15 | 02/27/25 23:16 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 142 | | 3.40 | 17.0 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 6.40 | U | 6.40 | 17.0 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 3.40 | U | 3.40 | 17.0 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 3.40 | U | 3.40 | 17.0 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 7.90 | U | 7.90 | 17.0 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 2.70 | U | 2.70 | 17.0 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 4.60 | U | 4.60 | 17.0 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 3.40 | U | 3.40 | 17.0 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 130 | | 2.90 | 17.0 | ug/kg |
| Total PCBs | Total PCBs | 272 | | 6.30 | 17.0 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 19.1 | | 32 - 144 | 96% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 17.6 | | 32 - 175 | 88% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 23:16
Operator : YP/AJ
Sample : PB166889BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
PB166889BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:27:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.698 | 3.696 | 172.8E6 | 100.0E6 | 18.255 | 19.113 | |
| 2) | SA Decachlor... | 8.757 | 8.707 | 133.0E6 | 55946811 | 15.463 | 17.570 | |
| | **Target Compounds** | | | | | | | |
| 3) | L1 AR-1016-1 | 4.791 | 4.779 | 131.9E6 | 70613673 | 427.744 | 452.157 | |
| 4) | L1 AR-1016-2 | 4.811 | 4.798 | 179.6E6 | 98004065 | 426.601 | 452.813 | |
| 5) | L1 AR-1016-3 | 4.867 | 4.974 | 123.6E6 | 51403192 | 417.833 | 430.328 | |
| 6) | L1 AR-1016-4 | 4.988 | 5.015 | 97269369 | 42020493 | 419.662 | 403.769 | |
| 7) | L1 AR-1016-5 | 5.246 | 5.229 | 99162520 | 54484176 | 384.009 | 399.874 | |
| 31) | L7 AR-1260-1 | 6.288 | 6.262 | 168.7E6 | 102.5E6 | 361.961 | 432.820 | |
| 32) | L7 AR-1260-2 | 6.477 | 6.449 | 200.8E6 | 115.8E6 | 355.376 | 420.804 | |
| 33) | L7 AR-1260-3 | 6.845 | 6.602 | 143.4E6 | 99792296 | 301.406 | 391.235 | # |
| 34) | L7 AR-1260-4 | 7.105 | 7.074 | 123.6E6 | 68773270 | 286.353 | 333.540 | |
| 35) | L7 AR-1260-5 | 7.347 | 7.315 | 308.2E6 | 167.3E6 | 310.114 | 373.636 | |

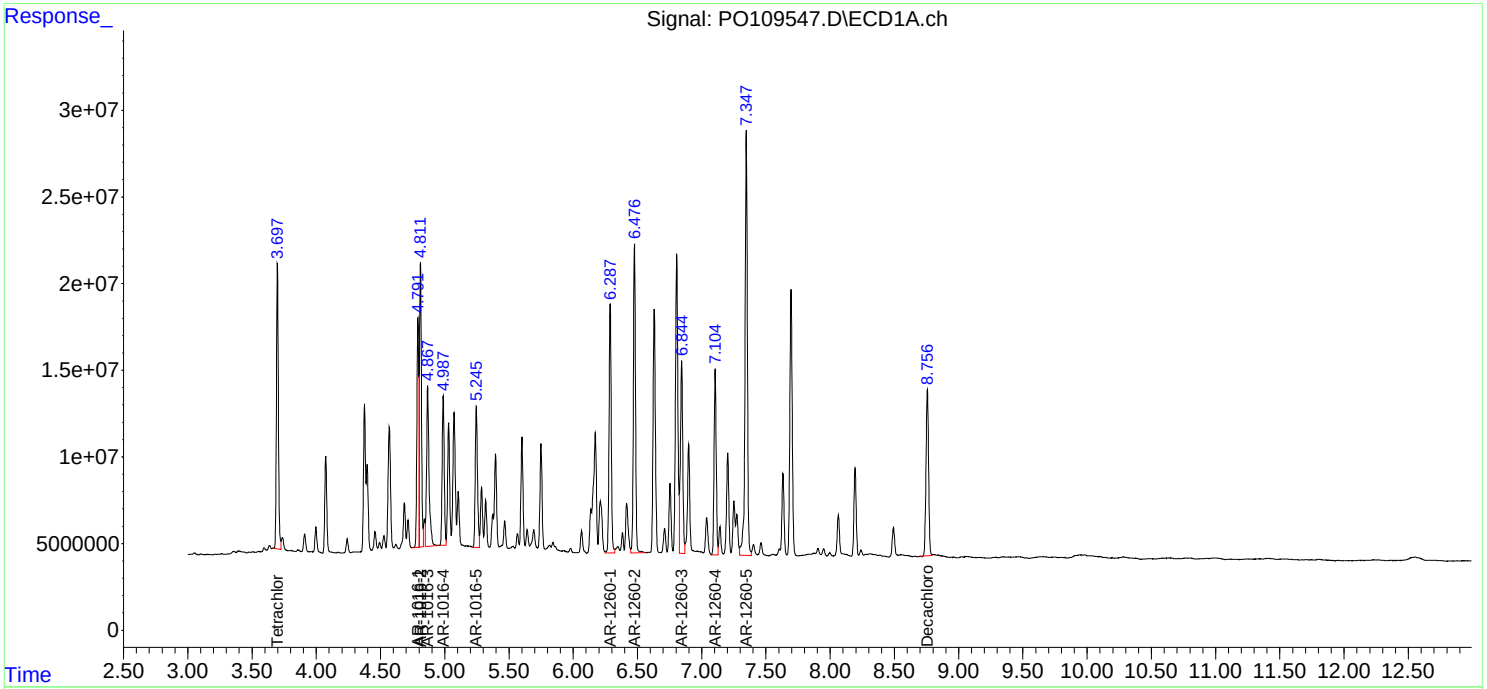
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

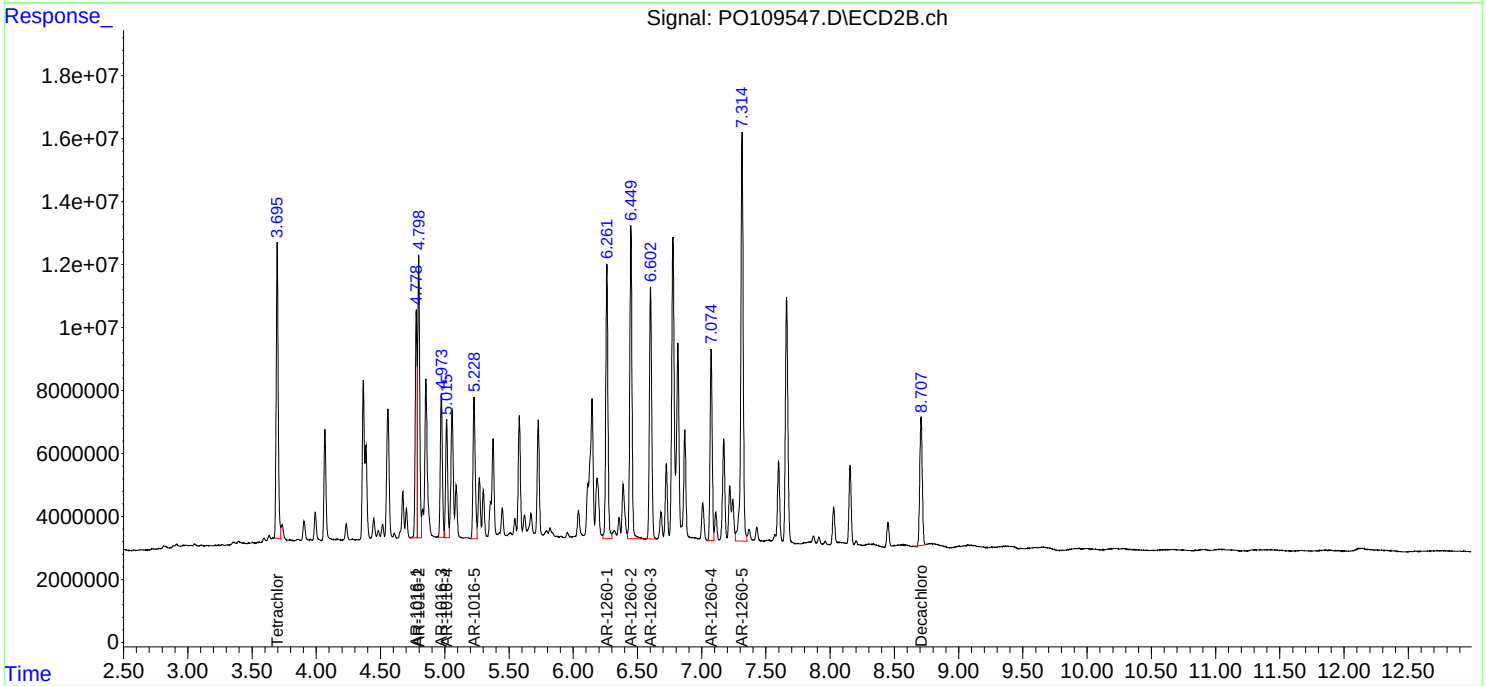
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 23:16
Operator : YP/AJ
Sample : PB166889BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
PB166889BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 03:27:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PO109683.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | |
| Client Sample ID: | PB167022BS | SDG No.: | Q1436 |
| Lab Sample ID: | PB167022BS | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 100 Decanted: |
| Sample Wt/Vol: | 30.02 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109683.D | 1 | 03/06/25 11:40 | 03/07/25 00:46 | PB167022 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 168 | | 3.40 | 17.0 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 6.40 | U | 6.40 | 17.0 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 3.40 | U | 3.40 | 17.0 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 3.40 | U | 3.40 | 17.0 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 7.90 | U | 7.90 | 17.0 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 2.70 | U | 2.70 | 17.0 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 4.60 | U | 4.60 | 17.0 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 3.40 | U | 3.40 | 17.0 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 164 | | 2.90 | 17.0 | ug/kg |
| Total PCBs | Total PCBs | 332 | | 6.30 | 17.0 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 22.3 | | 32 - 144 | 112% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 22.9 | | 32 - 175 | 114% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:46
Operator : YP/AJ
Sample : PB167022BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
PB167022BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:44:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.694 | 205.2E6 | 116.8E6 | 21.680 | 22.317 |
| 2) | SA Decachlor... | 8.755 | 8.707 | 186.0E6 | 72791022 | 21.628 | 22.860 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.791 | 4.778 | 148.5E6 | 79670656 | 481.763 | 510.152 |
| 4) | L1 AR-1016-2 | 4.810 | 4.797 | 204.4E6 | 112.5E6 | 485.483 | 519.600 |
| 5) | L1 AR-1016-3 | 4.866 | 4.973 | 142.1E6 | 61855203 | 480.324 | 517.828 |
| 6) | L1 AR-1016-4 | 4.987 | 5.014 | 112.2E6 | 51056608 | 483.920 | 490.596 |
| 7) | L1 AR-1016-5 | 5.244 | 5.228 | 118.2E6 | 65730121 | 457.665 | 482.410 |
| 31) | L7 AR-1260-1 | 6.287 | 6.261 | 226.7E6 | 121.3E6 | 486.295 | 511.993 |
| 32) | L7 AR-1260-2 | 6.475 | 6.449 | 276.3E6 | 142.1E6 | 488.979 | 516.399 |
| 33) | L7 AR-1260-3 | 6.844 | 6.602 | 199.1E6 | 132.1E6 | 418.625 | 517.857 |
| 34) | L7 AR-1260-4 | 7.105 | 7.074 | 187.2E6 | 92255573 | 433.625 | 447.425 |
| 35) | L7 AR-1260-5 | 7.346 | 7.314 | 436.5E6 | 207.2E6 | 439.198 | 462.776 |

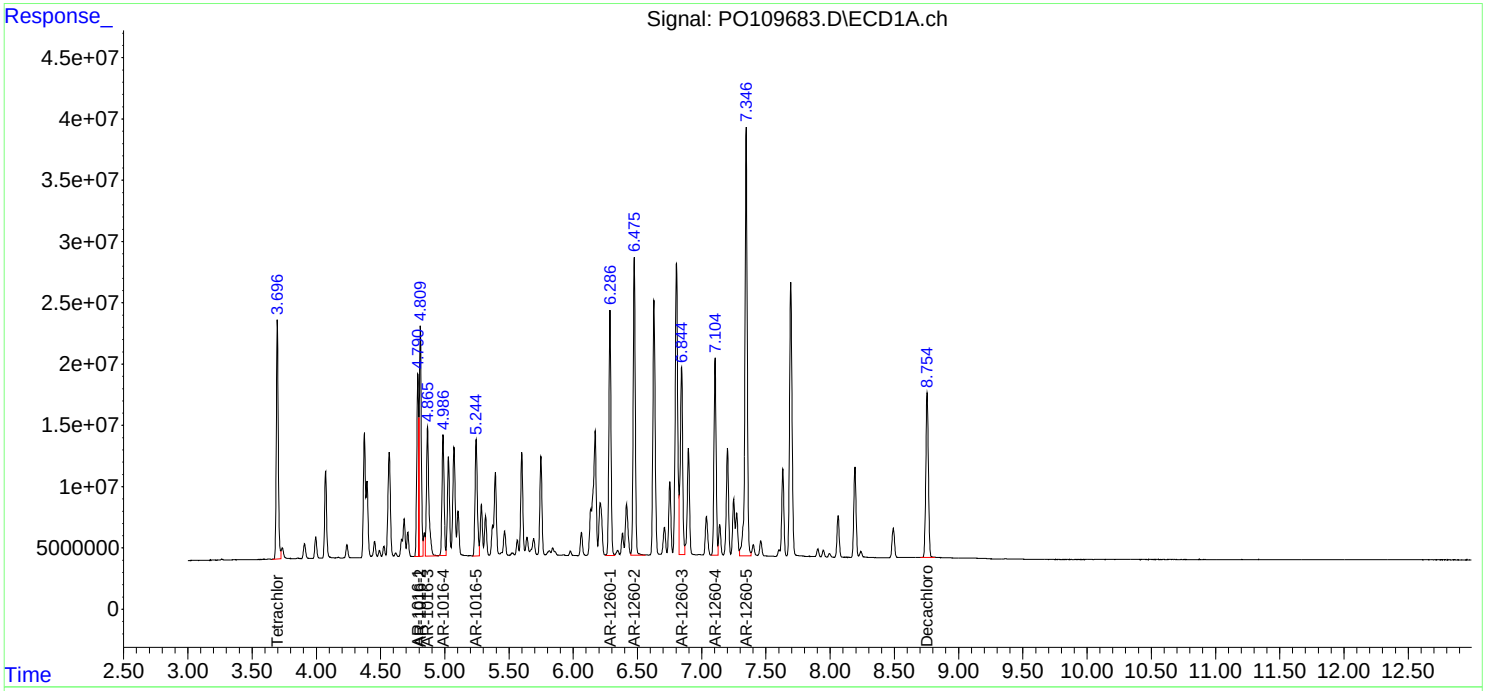
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

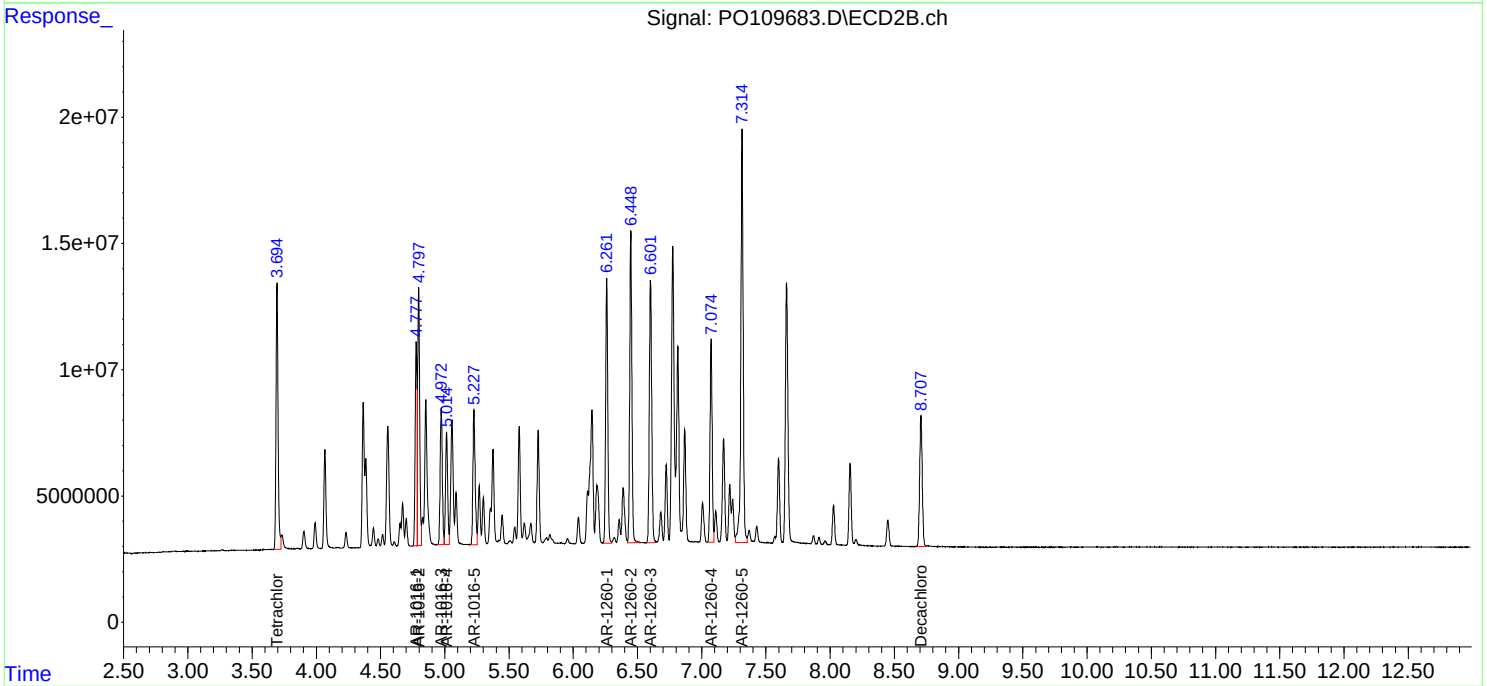
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 00:46
Operator : YP/AJ
Sample : PB167022BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
PB167022BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 04:44:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PO109688.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-4CMS | SDG No.: | Q1436 |
| Lab Sample ID: | Q1434-02MS | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 72.3 Decanted: |
| Sample Wt/Vol: | 30.04 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109688.D | 1 | 03/06/25 11:40 | 03/07/25 02:18 | PB167022 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 257 | | 4.70 | 23.5 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 8.90 | U | 8.90 | 23.5 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 4.70 | U | 4.70 | 23.5 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 4.70 | U | 4.70 | 23.5 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 10.9 | U | 10.9 | 23.5 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 1700 | E | 3.80 | 23.5 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 6.30 | U | 6.30 | 23.5 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 131 | | 4.70 | 23.5 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 711 | EP | 4.00 | 23.5 | ug/kg |
| Total PCBs | Total PCBs | 2800 | | 17.2 | 23.5 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 21.8 | | 32 - 144 | 109% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 26.0 | | 32 - 175 | 130% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 02:18
Operator : YP/AJ
Sample : Q1434-02MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-4CMS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 06:58:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.694 | 202.9E6 | 114.2E6 | 21.440m | 21.826 | |
| 2) | SA Decachlor... | 8.754 | 8.705 | 198.5E6 | 82660848 | 23.073 | 25.959 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 4.791 | 4.777 | 151.2E6 | 84314564 | 490.569 | 539.888 | |
| 4) | L1 AR-1016-2 | 4.810 | 4.796 | 201.0E6 | 115.5E6 | 477.293 | 533.685 | |
| 5) | L1 AR-1016-3 | 4.867 | 4.972 | 140.0E6 | 59880247 | 473.119 | 501.295 | |
| 6) | L1 AR-1016-4 | 4.987 | 5.014 | 104.8E6 | 73604838 | 452.330 | 707.259 | # |
| 7) | L1 AR-1016-5 | 5.245 | 5.227 | 117.0E6 | 69094234 | 452.967 | 507.101 | |
| 26) | L6 AR-1254-1 | 5.601 | 5.579 | 470.4E6 | 269.1E6 | 912.266 | 1029.017 | |
| 27) | L6 AR-1254-2 | 5.749 | 5.727 | 789.6E6 | 446.3E6 | 1753.278 | 1902.849 | |
| 28) | L6 AR-1254-3 | 6.155 | 6.130 | 1743.6E6 | 973.3E6 | 2435.340 | 2728.679 | |
| 29) | L6 AR-1254-4 | 6.385 | 6.357 | 723.0E6 | 386.2E6 | 1726.322 | 2000.016 | |
| 30) | L6 AR-1254-5 | 6.805 | 6.774 | 5762.4E6 | 3104.4E6 | 9236.117 | 10462.107 | |
| 31) | L7 AR-1260-1 | 6.287 | 6.260 | 963.9E6 | 531.2E6 | 2067.827 | 2241.994 | |
| 32) | L7 AR-1260-2 | 6.477 | 6.448 | 1031.8E6 | 545.7E6 | 1825.777 | 1982.989 | |
| 33) | L7 AR-1260-3 | 6.877 | 6.600 | 96086086 | 496.1E6 | 202.005 | 1944.848 | # |
| 34) | L7 AR-1260-4 | 7.105 | 7.074 | 344.5E6 | 175.7E6 | 798.265 | 852.099 | |
| 35) | L7 AR-1260-5 | 7.347 | 7.314 | 629.6E6 | 312.3E6 | 633.449 | 697.423 | |
| 41) | L9 AR-1268-1 | 7.632 | 7.599 | 240.5E6 | 108.0E6 | 181.586 | 188.952 | |
| 42) | L9 AR-1268-2 | 7.695 | 7.660 | 660.6E6 | 306.3E6 | 546.319 | 583.505 | |
| 43) | L9 AR-1268-3 | 7.906 | 7.870 | 103.2E6 | 48352651 | 101.322 | 112.962 | |
| 44) | L9 AR-1268-4 | 8.193 | 8.155 | 149.9E6 | 66842519 | 352.749 | 414.309 | |
| 45) | L9 AR-1268-5 | 8.492 | 8.448 | 311.7E6 | 130.6E6 | 103.212 | 119.495 | |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 02:18
Operator : YP/AJ
Sample : Q1434-02MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

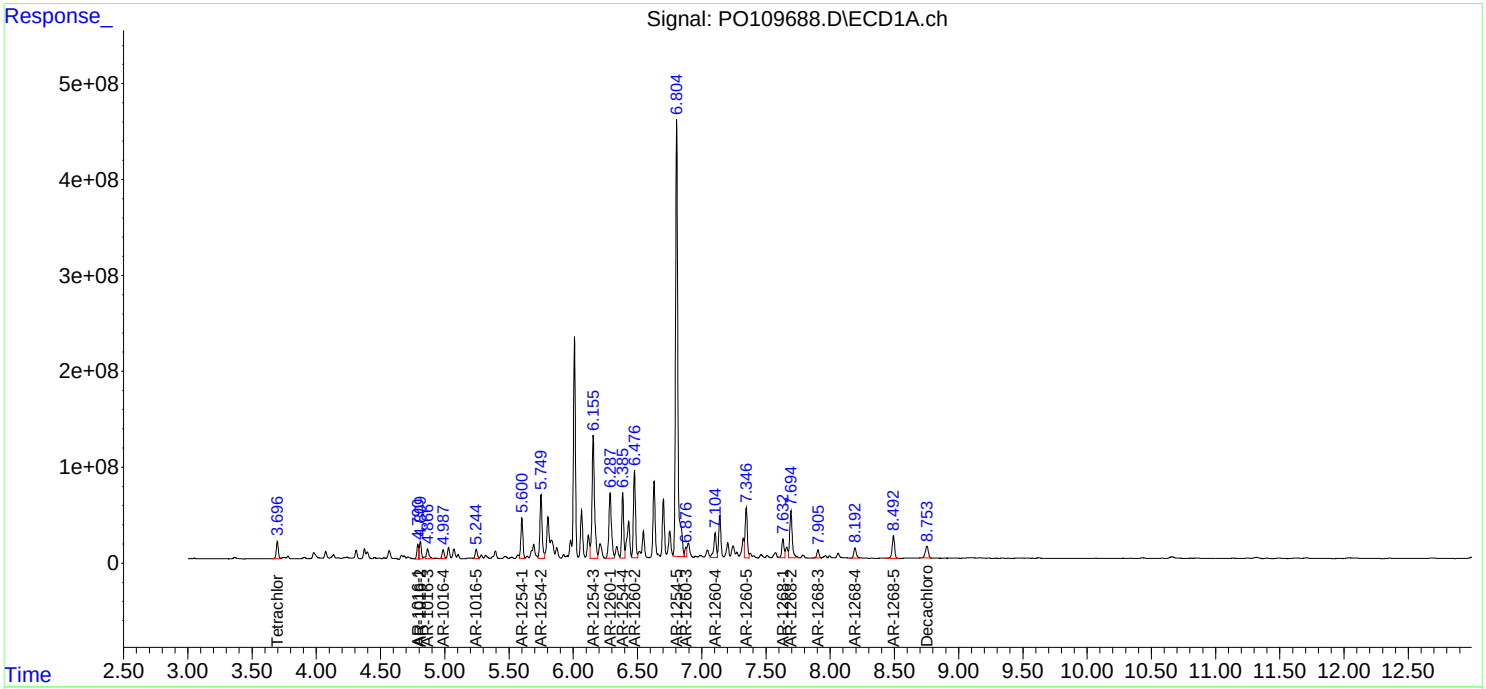
**Instrument :**
ECD_O
**ClientSampleId :**
K084-4CMS

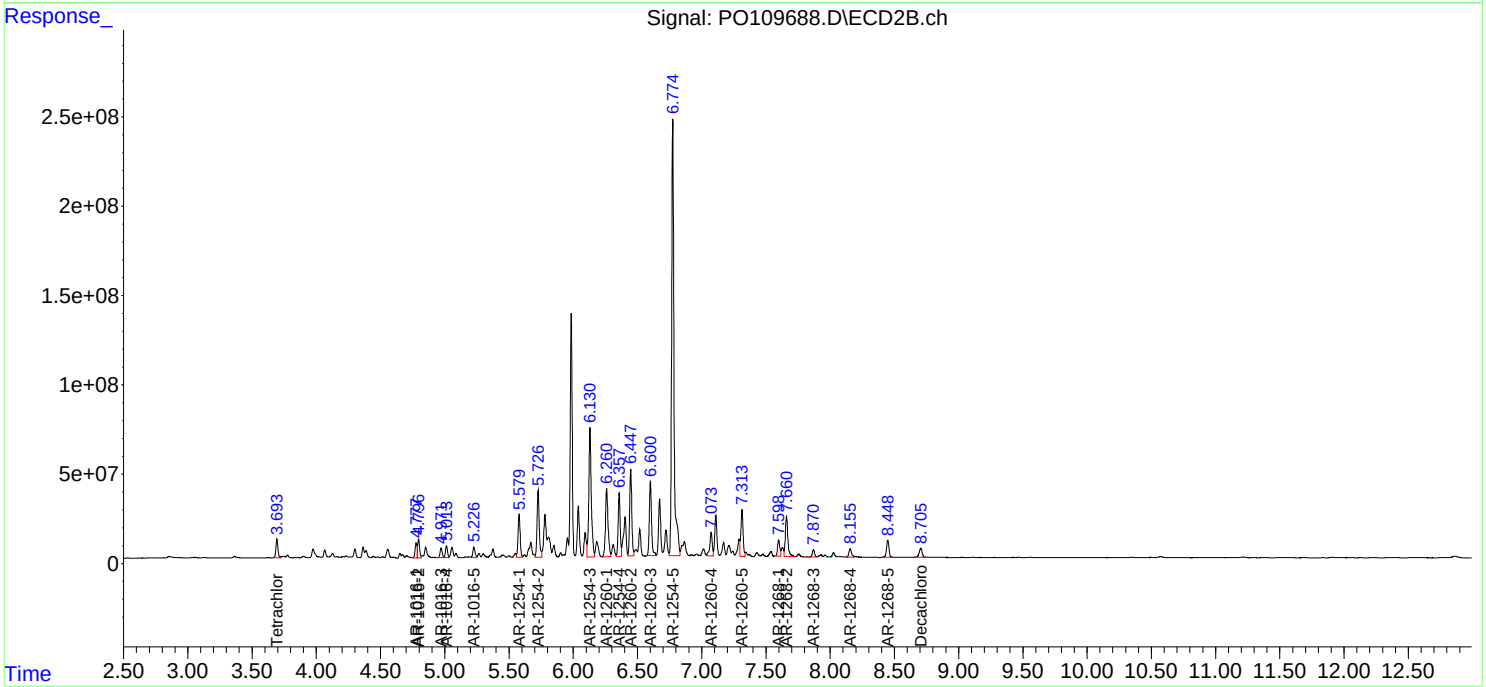
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 06:58:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PO109562.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-5AMS | SDG No.: | Q1436 |
| Lab Sample ID: | Q1434-03MS | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 92.2 Decanted: |
| Sample Wt/Vol: | 30.06 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109562.D | 1 | 02/27/25 09:15 | 02/28/25 04:16 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 328 | P | 3.70 | 18.4 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 6.90 | U | 6.90 | 18.4 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 3.70 | U | 3.70 | 18.4 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 3.70 | U | 3.70 | 18.4 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 8.50 | U | 8.50 | 18.4 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 2400 | E | 3.00 | 18.4 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 4.90 | U | 4.90 | 18.4 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 122 | | 3.70 | 18.4 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 1000 | EP | 3.10 | 18.4 | ug/kg |
| Total PCBs | Total PCBs | 3900 | E | 13.5 | 18.4 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 25.0 | | 32 - 144 | 125% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 41.0 | * | 32 - 175 | 205% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 04:16
Operator : YP/AJ
Sample : Q1434-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-5AMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:31:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.694 | 223.0E6 | 130.6E6 | 23.560 | 24.956 | |
| 2) | SA Decachlor... | 8.755 | 8.707 | 302.7E6 | 130.7E6 | 35.184 | 41.032 | |
| | **Target Compounds** | | | | | | | |
| 3) | L1 AR-1016-1 | 4.791 | 4.778 | 173.9E6 | 99235796 | 564.045 | 635.432 | |
| 4) | L1 AR-1016-2 | 4.810 | 4.797 | 220.2E6 | 129.3E6 | 522.944 | 597.228 | |
| 5) | L1 AR-1016-3 | 4.866 | 4.973 | 160.9E6 | 69736480 | 544.062 | 583.807 | |
| 6) | L1 AR-1016-4 | 4.987 | 5.015 | 120.2E6 | 178.5E6 | 518.430 | 1715.662 | # |
| 7) | L1 AR-1016-5 | 5.244 | 5.228 | 230.3E6 | 138.3E6 | 891.901 | 1014.998 | |
| 26) | L6 AR-1254-1 | 5.600 | 5.580 | 1281.1E6 | 743.2E6 | 2484.716 | 2841.658 | |
| 27) | L6 AR-1254-2 | 5.750 | 5.728 | 1668.6E6 | 961.9E6 | 3704.918 | 4100.816 | |
| 28) | L6 AR-1254-3 | 6.156 | 6.131 | 3556.5E6 | 2033.4E6 | 4967.518 | 5700.487 | |
| 29) | L6 AR-1254-4 | 6.385 | 6.359 | 2341.9E6 | 1257.1E6 | 5592.050 | 6509.051 | |
| 30) | L6 AR-1254-5 | 6.805 | 6.776 | 8003.7E6 | 4357.1E6 | 12828.466 | 14683.689 | |
| 31) | L7 AR-1260-1 | 6.287 | 6.262 | 1862.6E6 | 1042.8E6 | 3995.844 | 4401.435 | |
| 32) | L7 AR-1260-2 | 6.476 | 6.449 | 1951.2E6 | 1026.2E6 | 3452.792 | 3729.472 | |
| 33) | L7 AR-1260-3 | 6.877 | 6.602 | 248.6E6 | 935.8E6 | 522.594 | 3668.759 | # |
| 34) | L7 AR-1260-4 | 7.105 | 7.074 | 437.5E6 | 227.4E6 | 1013.777 | 1102.718 | |
| 35) | L7 AR-1260-5 | 7.347 | 7.315 | 830.4E6 | 437.8E6 | 835.480 | 977.749 | |
| 41) | L9 AR-1268-1 | 7.633 | 7.599 | 260.2E6 | 125.1E6 | 196.482 | 218.884 | |
| 42) | L9 AR-1268-2 | 7.694 | 7.661 | 830.2E6 | 400.2E6 | 686.585 | 762.448 | |
| 43) | L9 AR-1268-3 | 7.906 | 7.871 | 111.5E6 | 50660105 | 109.496 | 118.353 | |
| 44) | L9 AR-1268-4 | 8.194 | 8.156 | 159.1E6 | 71933958 | 374.472 | 445.867 | |
| 45) | L9 AR-1268-5 | 8.493 | 8.450 | 341.2E6 | 159.6E6 | 112.980 | 146.007 | # |

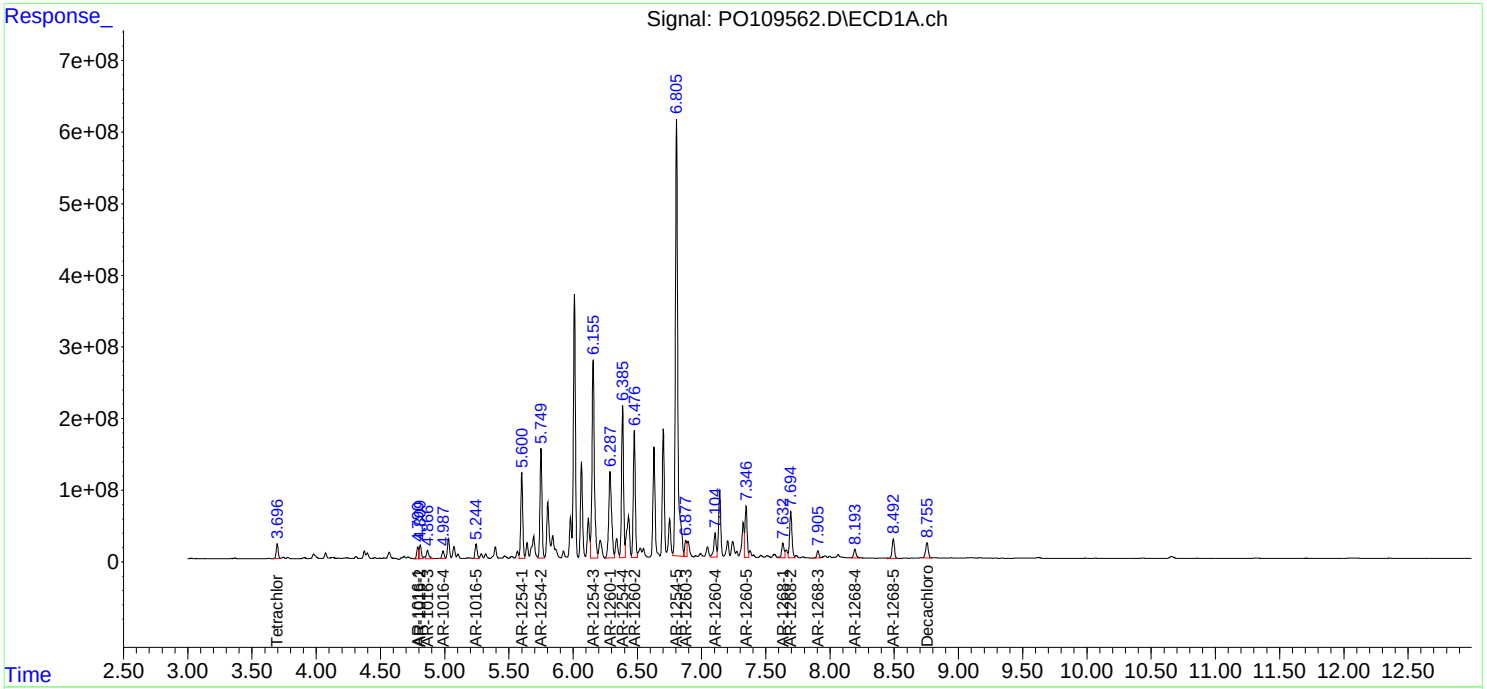
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

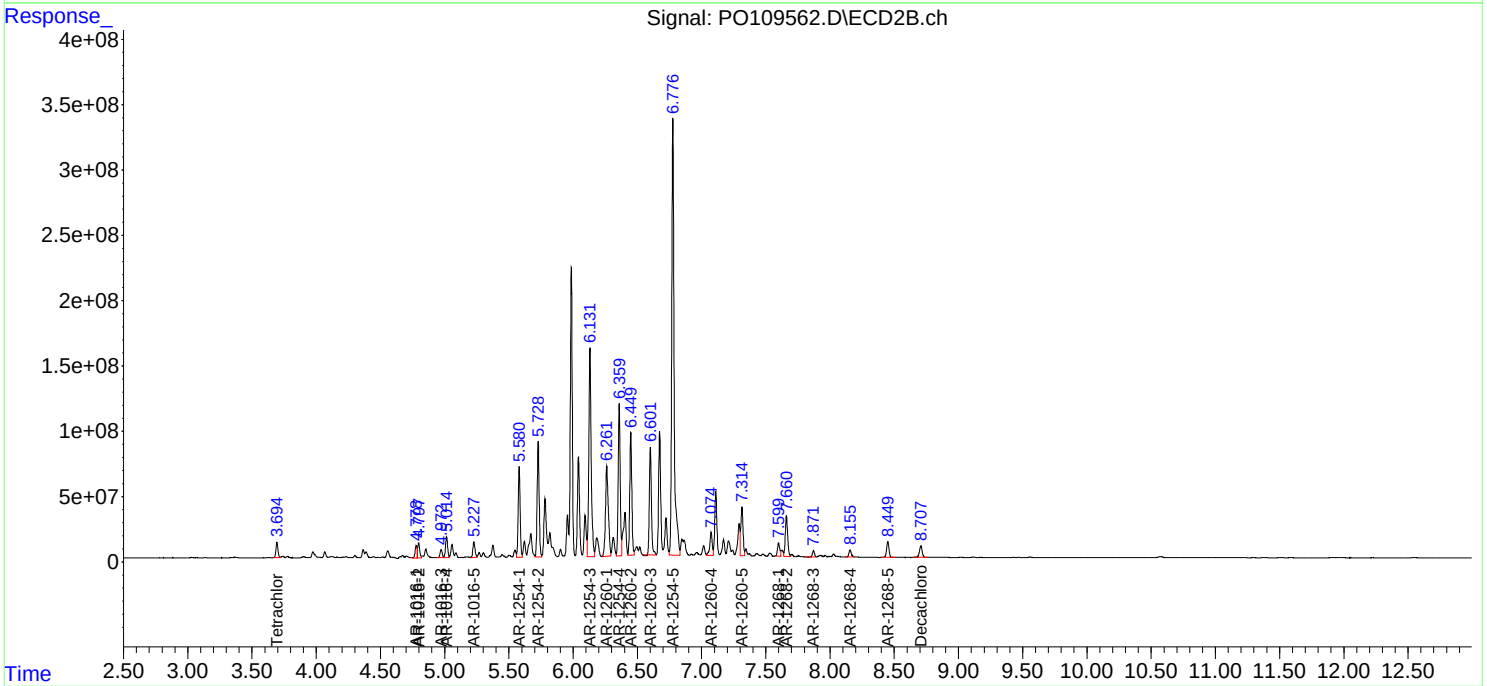
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 04:16
Operator : YP/AJ
Sample : Q1434-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-5AMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:31:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PO109689.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-4CMSD | SDG No.: | Q1436 |
| Lab Sample ID: | Q1434-02MSD | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 72.3 Decanted: |
| Sample Wt/Vol: | 30.02 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109689.D | 1 | 03/06/25 11:40 | 03/07/25 02:37 | PB167022 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 244 | | 4.70 | 23.5 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 8.90 | U | 8.90 | 23.5 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 4.70 | U | 4.70 | 23.5 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 4.70 | U | 4.70 | 23.5 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 10.9 | U | 10.9 | 23.5 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 1900 | E | 3.80 | 23.5 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 6.30 | U | 6.30 | 23.5 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 150 | | 4.70 | 23.5 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 801 | EP | 4.00 | 23.5 | ug/kg |
| Total PCBs | Total PCBs | 3100 | | 17.2 | 23.5 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 20.2 | | 32 - 144 | 101% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 27.6 | | 32 - 175 | 138% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 02:37
Operator : YP/AJ
Sample : Q1434-02MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-4CMSD

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 10:32:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.696 | 3.694 | 183.9E6 | 105.7E6 | 19.434m | 20.198m |
| 2) | SA Decachlor... | 8.753 | 8.704 | 213.5E6 | 87938732 | 24.814 | 27.617 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.790 | 4.778 | 141.1E6 | 79179584 | 457.563 | 507.007 |
| 4) | L1 AR-1016-2 | 4.810 | 4.797 | 189.8E6 | 108.8E6 | 450.872 | 502.673 |
| 5) | L1 AR-1016-3 | 4.866 | 4.973 | 128.4E6 | 53552590 | 433.980 | 448.322 |
| 6) | L1 AR-1016-4 | 4.987 | 5.014 | 93794446 | 73705972 | 404.670 | 708.231 # |
| 7) | L1 AR-1016-5 | 5.244 | 5.227 | 111.8E6 | 65838636 | 433.138 | 483.207 |
| 26) | L6 AR-1254-1 | 5.600 | 5.580 | 518.9E6 | 296.2E6 | 1006.465 | 1132.566 |
| 27) | L6 AR-1254-2 | 5.749 | 5.727 | 821.0E6 | 462.6E6 | 1822.876 | 1972.104 |
| 28) | L6 AR-1254-3 | 6.155 | 6.130 | 1971.3E6 | 1101.0E6 | 2753.377 | 3086.585 |
| 29) | L6 AR-1254-4 | 6.384 | 6.358 | 851.9E6 | 452.3E6 | 2034.094 | 2341.953 |
| 30) | L6 AR-1254-5 | 6.804 | 6.775 | 6662.2E6 | 3609.2E6 | 10678.343 | 12163.209 |
| 31) | L7 AR-1260-1 | 6.287 | 6.261 | 1063.2E6 | 588.1E6 | 2280.881 | 2482.452 |
| 32) | L7 AR-1260-2 | 6.476 | 6.449 | 1232.0E6 | 656.2E6 | 2180.063 | 2384.786 |
| 33) | L7 AR-1260-3 | 6.876 | 6.601 | 112.5E6 | 563.1E6 | 236.465 | 2207.711 # |
| 34) | L7 AR-1260-4 | 7.104 | 7.073 | 364.7E6 | 185.8E6 | 845.085 | 901.272 |
| 35) | L7 AR-1260-5 | 7.346 | 7.314 | 651.3E6 | 322.7E6 | 655.356 | 720.736 |
| 41) | L9 AR-1268-1 | 7.632 | 7.599 | 294.9E6 | 132.6E6 | 222.695 | 232.100 |
| 42) | L9 AR-1268-2 | 7.695 | 7.661 | 779.0E6 | 360.7E6 | 644.309 | 687.151 |
| 43) | L9 AR-1268-3 | 7.906 | 7.870 | 121.6E6 | 56370979 | 119.458 | 131.694 |
| 44) | L9 AR-1268-4 | 8.194 | 8.155 | 159.5E6 | 70533470 | 375.526 | 437.186 |
| 45) | L9 AR-1268-5 | 8.492 | 8.449 | 374.1E6 | 156.3E6 | 123.903 | 142.973 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 02:37
Operator : YP/AJ
Sample : Q1434-02MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

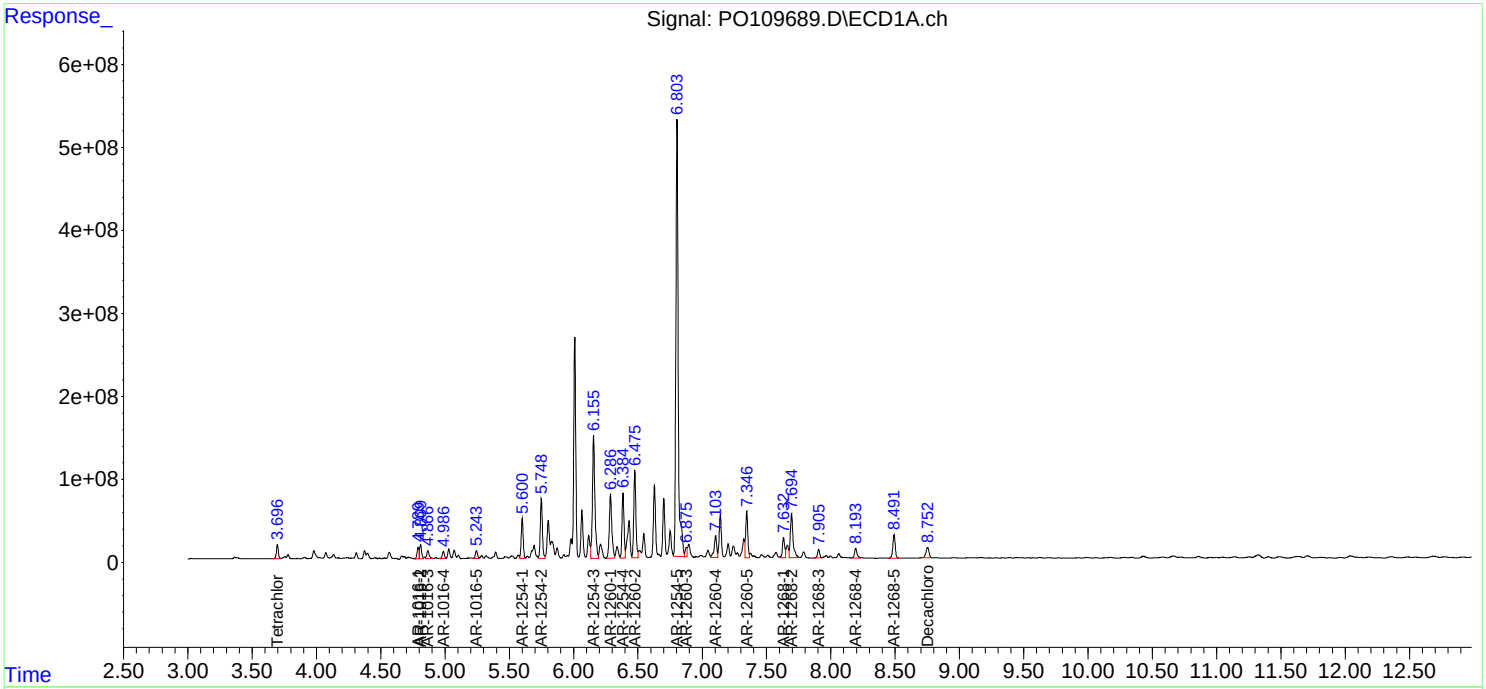
**Instrument :**
ECD_O
**ClientSampleId :**
K084-4CMSD

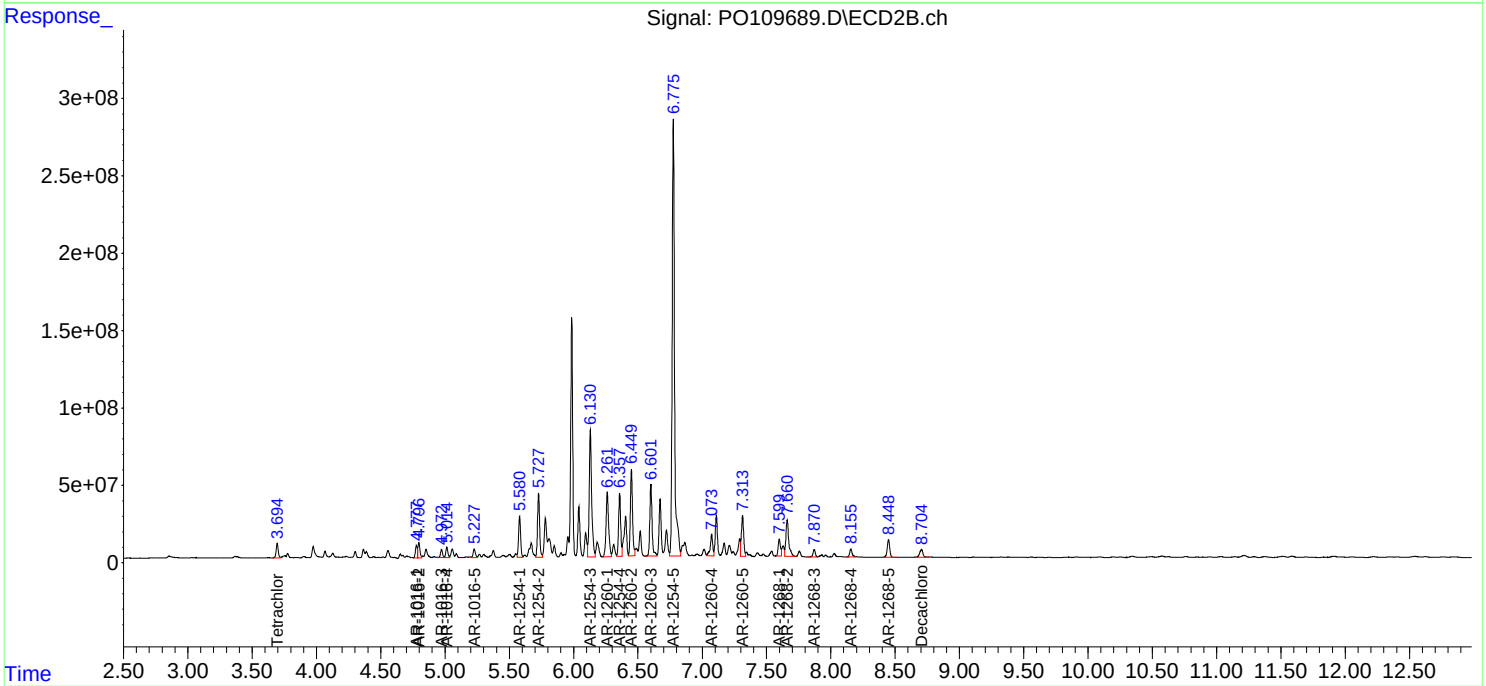
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/07/2025
Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 10:32:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Raw Data: **PO109563.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-5AMSD | SDG No.: | Q1436 |
| Lab Sample ID: | Q1434-03MSD | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 92.2 Decanted: |
| Sample Wt/Vol: | 30.04 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO109563.D | 1 | 02/27/25 09:15 | 02/28/25 04:34 | PB166889 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 328 | P | 3.70 | 18.4 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 6.90 | U | 6.90 | 18.4 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 3.70 | U | 3.70 | 18.4 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 3.70 | U | 3.70 | 18.4 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 8.50 | U | 8.50 | 18.4 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 2500 | E | 3.00 | 18.4 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 5.00 | U | 5.00 | 18.4 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 123 | | 3.70 | 18.4 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 1000 | EP | 3.20 | 18.4 | ug/kg |
| Total PCBs | Total PCBs | 3900 | E | 13.6 | 18.4 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 24.9 | | 32 - 144 | 125% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 41.8 | * | 32 - 175 | 209% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 04:34
Operator : YP/AJ
Sample : Q1434-03MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-5AMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:32:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 3.697 | 3.694 | 222.7E6 | 130.4E6 | 23.528 | 24.921 | |
| 2) | SA Decachlor... | 8.756 | 8.708 | 309.3E6 | 133.0E6 | 35.959 | 41.760 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 4.791 | 4.778 | 172.1E6 | 98937545 | 558.213 | 633.522 | |
| 4) | L1 AR-1016-2 | 4.811 | 4.797 | 219.6E6 | 128.8E6 | 521.624 | 594.946 | |
| 5) | L1 AR-1016-3 | 4.866 | 4.973 | 160.5E6 | 70106484 | 542.716 | 586.905 | |
| 6) | L1 AR-1016-4 | 4.988 | 5.015 | 119.6E6 | 179.2E6 | 516.162 | 1721.929 | # |
| 7) | L1 AR-1016-5 | 5.245 | 5.228 | 230.5E6 | 137.7E6 | 892.619 | 1010.474 | |
| 26) | L6 AR-1254-1 | 5.601 | 5.580 | 1284.2E6 | 747.7E6 | 2490.652 | 2859.042 | |
| 27) | L6 AR-1254-2 | 5.750 | 5.728 | 1664.4E6 | 969.5E6 | 3695.651 | 4133.033 | |
| 28) | L6 AR-1254-3 | 6.156 | 6.131 | 3539.8E6 | 2047.0E6 | 4944.101 | 5738.687 | |
| 29) | L6 AR-1254-4 | 6.385 | 6.358 | 2304.6E6 | 1265.4E6 | 5502.965 | 6552.332 | |
| 30) | L6 AR-1254-5 | 6.806 | 6.776 | 8010.6E6 | 4388.5E6 | 12839.504 | 14789.301 | |
| 31) | L7 AR-1260-1 | 6.288 | 6.261 | 1848.0E6 | 1046.7E6 | 3964.588 | 4418.032 | |
| 32) | L7 AR-1260-2 | 6.476 | 6.449 | 1929.5E6 | 1041.6E6 | 3414.335 | 3785.211 | |
| 33) | L7 AR-1260-3 | 6.877 | 6.602 | 251.3E6 | 944.2E6 | 528.331 | 3701.889 | # |
| 34) | L7 AR-1260-4 | 7.105 | 7.074 | 441.0E6 | 228.2E6 | 1021.745 | 1106.925 | |
| 35) | L7 AR-1260-5 | 7.347 | 7.314 | 833.6E6 | 440.5E6 | 838.692 | 983.626 | |
| 41) | L9 AR-1268-1 | 7.633 | 7.599 | 254.0E6 | 124.0E6 | 191.822 | 216.980 | |
| 42) | L9 AR-1268-2 | 7.695 | 7.661 | 820.2E6 | 399.3E6 | 678.312 | 760.739 | |
| 43) | L9 AR-1268-3 | 7.907 | 7.871 | 111.7E6 | 54564306 | 109.717 | 127.474 | |
| 44) | L9 AR-1268-4 | 8.193 | 8.156 | 158.4E6 | 72137557 | 372.944 | 447.129 | |
| 45) | L9 AR-1268-5 | 8.493 | 8.450 | 363.9E6 | 159.1E6 | 120.508 | 145.539 | |

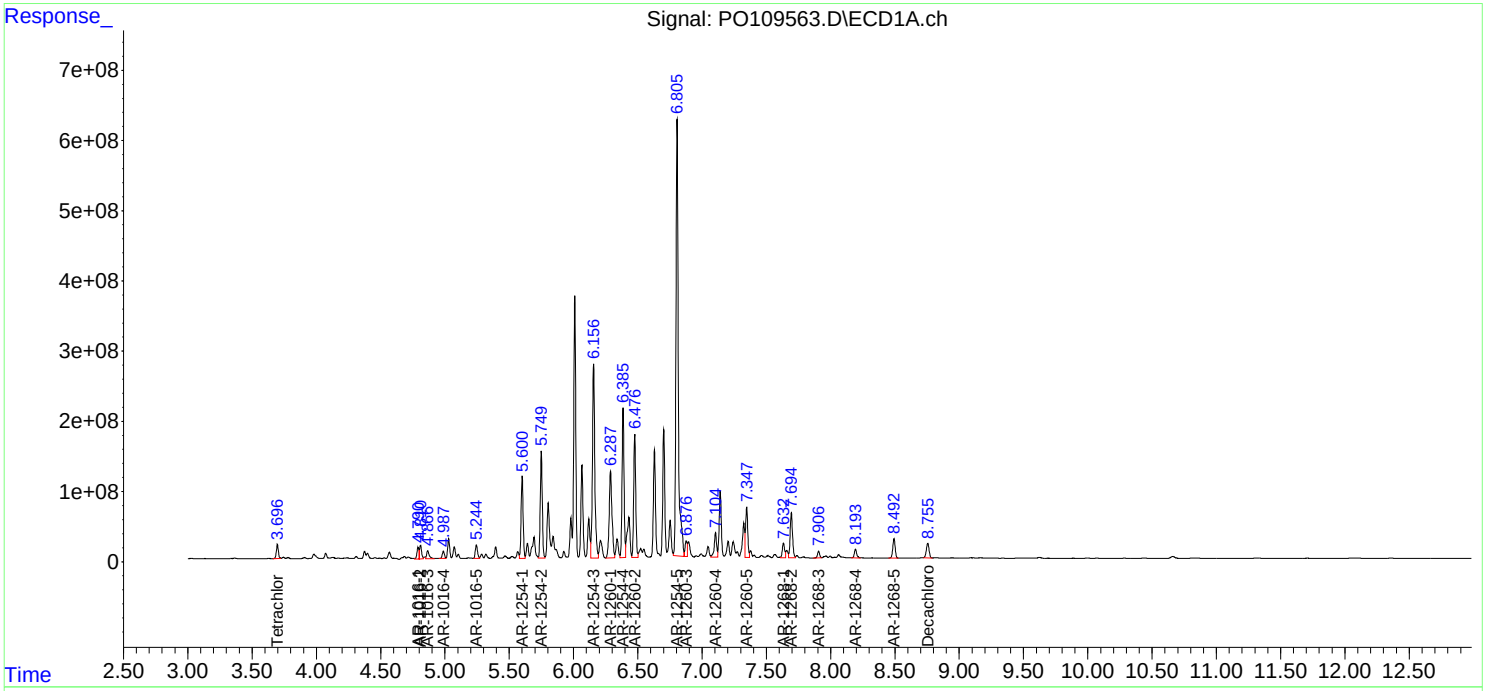
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

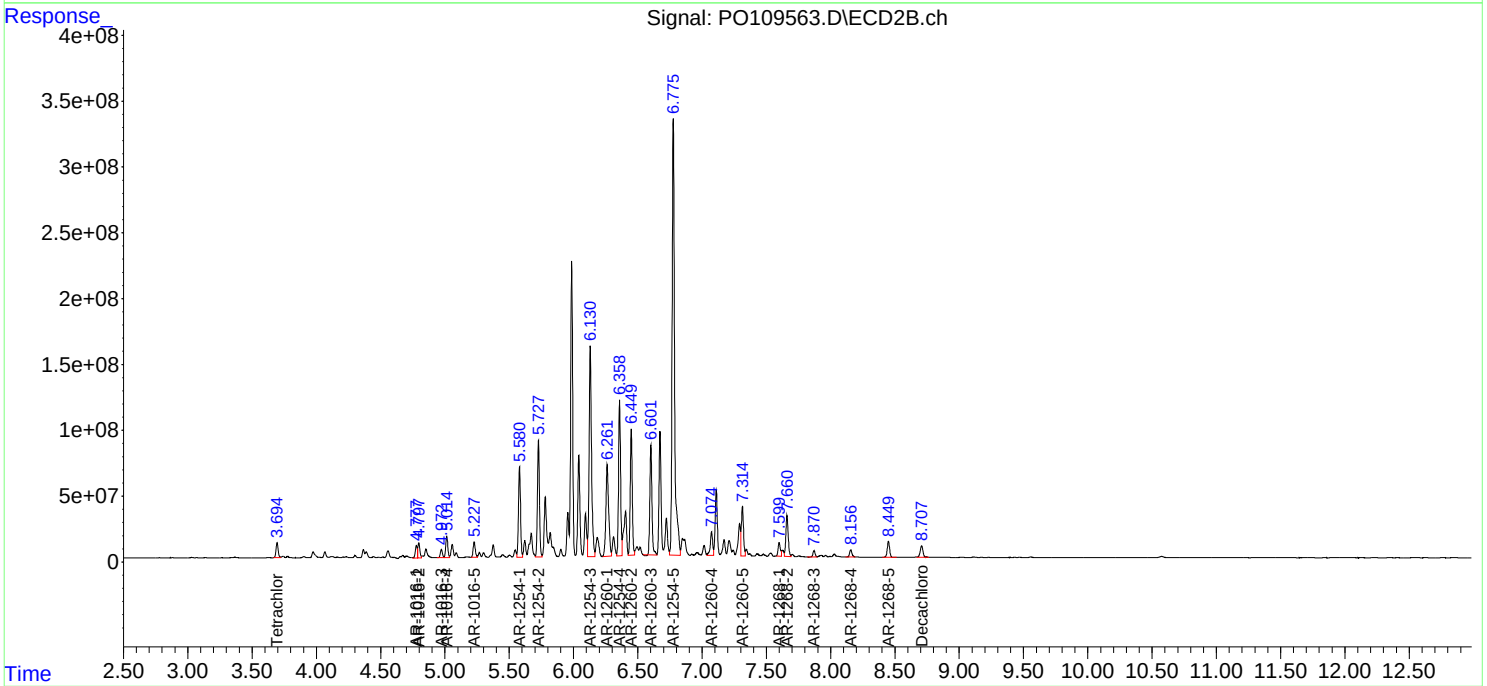
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022725\
Data File : PO109563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 04:34
Operator : YP/AJ
Sample : Q1434-03MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
K084-5AMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:32:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



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

# Manual Integration Report

| Sequence: | PO022025 | Instrument | ECD_o |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1242ICC050 | PO109437.D | AR-1242-5 | yogesh | 2/21/2025 8:09:35 AM | Ankita | 2/21/2025 9:30:25 | Peak Integrated by Software |
| AR1242ICC050 | PO109437.D | AR-1242-5 #2 | yogesh | 2/21/2025 8:09:35 AM | Ankita | 2/21/2025 9:30:25 | Peak Integrated by Software |
| AR1248ICC050 | PO109442.D | AR-1248-4 | yogesh | 2/21/2025 8:09:37 AM | Ankita | 2/21/2025 9:30:26 | Peak Integrated by Software |
| AR1248ICC050 | PO109442.D | AR-1248-4 #2 | yogesh | 2/21/2025 8:09:37 AM | Ankita | 2/21/2025 9:30:26 | Peak Integrated by Software |
| AR1248ICC050 | PO109442.D | AR-1248-5 | yogesh | 2/21/2025 8:09:37 AM | Ankita | 2/21/2025 9:30:26 | Peak Integrated by Software |
| AR1248ICC050 | PO109442.D | AR-1248-5 #2 | yogesh | 2/21/2025 8:09:37 AM | Ankita | 2/21/2025 9:30:26 | Peak Integrated by Software |
| AR1254ICC050 | PO109447.D | AR-1254-1 | yogesh | 2/21/2025 8:09:39 AM | Ankita | 2/21/2025 9:30:28 | Peak Integrated by Software |
| AR1254ICC050 | PO109447.D | AR-1254-1 #2 | yogesh | 2/21/2025 8:09:39 AM | Ankita | 2/21/2025 9:30:28 | Peak Integrated by Software |
| AR1254ICC050 | PO109447.D | AR-1254-2 | yogesh | 2/21/2025 8:09:39 AM | Ankita | 2/21/2025 9:30:28 | Peak Integrated by Software |
| AR1254ICC050 | PO109447.D | AR-1254-2 #2 | yogesh | 2/21/2025 8:09:39 AM | Ankita | 2/21/2025 9:30:28 | Peak Integrated by Software |
| AR1254ICC050 | PO109447.D | AR-1254-3 | yogesh | 2/21/2025 8:09:39 AM | Ankita | 2/21/2025 9:30:28 | Peak Integrated by Software |
| AR1254ICC050 | PO109447.D | AR-1254-3 #2 | yogesh | 2/21/2025 8:09:39 AM | Ankita | 2/21/2025 9:30:28 | Peak Integrated by Software |
| AR1254ICC050 | PO109447.D | AR-1254-4 | yogesh | 2/21/2025 8:09:39 AM | Ankita | 2/21/2025 9:30:28 | Peak Integrated by Software |

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

# Manual Integration Report

| Sequence: | PO022025 | Instrument | ECD_o |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1254ICC050 | PO109447.D | AR-1254-4 #2 | yogesh | 2/21/2025 8:09:39 AM | Ankita | 2/21/2025 9:30:28 | Peak Integrated by Software |
| AR1254ICC050 | PO109447.D | Tetrachloro-m-xylene | yogesh | 2/21/2025 8:09:39 AM | Ankita | 2/21/2025 9:30:28 | Peak Integrated by Software |

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

# Manual Integration Report

| Sequence: | PO022725 | Instrument | ECD_o |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| I.BLK | PO109574.D | Decachlorobiphenyl | yogesh | 2/28/2025 10:07:47 AM | Ankita | 2/28/2025 12:44:08 | Peak Integrated by Software |

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

# Manual Integration Report

| Sequence: | PO022825 | Instrument | ECD_o |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| Q1436-01DL | PO109608.D | Tetrachloro-m-xylene | yogesh | 3/3/2025 9:31:52 AM | Ankita | 3/4/2025 12:55:21 | Peak Integrated by Software |
| Q1436-10DL | PO109613.D | Tetrachloro-m-xylene | yogesh | 3/3/2025 9:31:54 AM | Ankita | 3/4/2025 12:55:22 | Peak Integrated by Software |
| AR1660CCC500 | PO109619.D | AR-1016-5 | yogesh | 3/3/2025 9:31:57 AM | Ankita | 3/4/2025 12:55:28 | Peak Integrated by Software |
| AR1660CCC500 | PO109619.D | AR-1016-5 #2 | yogesh | 3/3/2025 9:31:57 AM | Ankita | 3/4/2025 12:55:28 | Peak Integrated by Software |

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

# Manual Integration Report

| Sequence: | PO030625 | Instrument | ECD_o |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1660CCC500 | PO109648.D | AR-1016-5 | yogesh | 3/7/2025 7:30:27 AM | mohammad | 3/8/2025 4:30:17 | Peak Integrated by Software |
| AR1660CCC500 | PO109648.D | AR-1016-5 #2 | yogesh | 3/7/2025 7:30:27 AM | mohammad | 3/8/2025 4:30:17 | Peak Integrated by Software |
| AR1660CCC500 | PO109662.D | AR-1016-5 | yogesh | 3/7/2025 7:30:36 AM | mohammad | 3/8/2025 4:30:28 | Peak Integrated by Software |
| AR1660CCC500 | PO109662.D | AR-1016-5 #2 | yogesh | 3/7/2025 7:30:36 AM | mohammad | 3/8/2025 4:30:28 | Peak Integrated by Software |
| AR1660CCC500 | PO109677.D | AR-1016-5 | yogesh | 3/7/2025 7:30:43 AM | mohammad | 3/8/2025 4:30:39 | Peak Integrated by Software |
| AR1660CCC500 | PO109677.D | AR-1016-5 #2 | yogesh | 3/7/2025 7:30:43 AM | mohammad | 3/8/2025 4:30:39 | Peak Integrated by Software |
| Q1434-02MS | PO109688.D | Tetrachloro-m-xylene | yogesh | 3/7/2025 7:30:48 AM | mohammad | 3/8/2025 4:30:47 | Peak Integrated by Software |
| Q1434-02MSD | PO109689.D | Tetrachloro-m-xylene | yogesh | 3/7/2025 1:21:51 PM | mohammad | 3/8/2025 4:30:50 | Peak Integrated by Software |
| Q1434-02MSD | PO109689.D | Tetrachloro-m-xylene #2 | yogesh | 3/7/2025 1:21:51 PM | mohammad | 3/8/2025 4:30:50 | Peak Integrated by Software |
| AR1660CCC500 | PO109692.D | AR-1016-5 | yogesh | 3/7/2025 7:30:54 AM | mohammad | 3/8/2025 4:30:58 | Peak Integrated by Software |
| AR1660CCC500 | PO109692.D | AR-1016-5 #2 | yogesh | 3/7/2025 7:30:54 AM | mohammad | 3/8/2025 4:30:58 | Peak Integrated by Software |
| AR1254CCC500 | PO109695.D | AR-1254-1 #2 | yogesh | 3/7/2025 7:30:56 AM | mohammad | 3/8/2025 4:31:01 | Peak Integrated by Software |
| AR1254CCC500 | PO109695.D | AR-1254-2 #2 | yogesh | 3/7/2025 7:30:56 AM | mohammad | 3/8/2025 4:31:01 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PO030625 | Instrument | ECD_o |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1254CCC500 | PO109695.D | AR-1254-3 #2 | yogesh | 3/7/2025 7:30:56 AM | mohammad | 3/8/2025 4:31:01 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP022425 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1660ICC050 | PP070000.D | AR-1016-1 | yogesh | 2/25/2025 9:00:03 AM | Ankita | 2/25/2025 9:47:55 | Peak Integrated by Software |
| AR1660ICC050 | PP070000.D | AR-1016-1 #2 | yogesh | 2/25/2025 9:00:03 AM | Ankita | 2/25/2025 9:47:55 | Peak Integrated by Software |
| AR1660ICC050 | PP070000.D | AR-1016-2 | yogesh | 2/25/2025 9:00:03 AM | Ankita | 2/25/2025 9:47:55 | Peak Integrated by Software |
| AR1660ICC050 | PP070000.D | AR-1016-3 | yogesh | 2/25/2025 9:00:03 AM | Ankita | 2/25/2025 9:47:55 | Peak Integrated by Software |
| AR1660ICC050 | PP070000.D | AR-1016-3 #2 | yogesh | 2/25/2025 9:00:03 AM | Ankita | 2/25/2025 9:47:55 | Peak Integrated by Software |
| AR1660ICC050 | PP070000.D | AR-1016-4 | yogesh | 2/25/2025 9:00:03 AM | Ankita | 2/25/2025 9:47:55 | Peak Integrated by Software |
| AR1660ICC050 | PP070000.D | AR-1016-5 | yogesh | 2/25/2025 9:00:03 AM | Ankita | 2/25/2025 9:47:55 | Peak Integrated by Software |
| AR1660ICC050 | PP070000.D | AR-1260-1 #2 | yogesh | 2/25/2025 9:00:03 AM | Ankita | 2/25/2025 9:47:55 | Peak Integrated by Software |
| AR1660ICC050 | PP070000.D | AR-1260-2 #2 | yogesh | 2/25/2025 9:00:03 AM | Ankita | 2/25/2025 9:47:55 | Peak Integrated by Software |
| AR1660ICC050 | PP070000.D | AR-1260-3 #2 | yogesh | 2/25/2025 9:00:03 AM | Ankita | 2/25/2025 9:47:55 | Peak Integrated by Software |
| AR1221ICC500 | PP070001.D | Decachlorobiphenyl | yogesh | 2/25/2025 9:00:06 AM | Ankita | 2/25/2025 9:47:57 | Peak Integrated by Software |
| AR1242ICC750 | PP070004.D | AR-1242-5 | yogesh | 2/25/2025 9:00:08 AM | Ankita | 2/25/2025 9:47:58 | Peak Integrated by Software |
| AR1242ICC250 | PP070006.D | AR-1242-5 | yogesh | 2/25/2025 9:00:09 AM | Ankita | 2/25/2025 9:48:00 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP022425 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1242ICC050 | PP070007.D | AR-1242-1 | yogesh | 2/25/2025 9:00:11 AM | Ankita | 2/25/2025 9:48:01 | Peak Integrated by Software |
| AR1242ICC050 | PP070007.D | AR-1242-2 | yogesh | 2/25/2025 9:00:11 AM | Ankita | 2/25/2025 9:48:01 | Peak Integrated by Software |
| AR1242ICC050 | PP070007.D | AR-1242-3 | yogesh | 2/25/2025 9:00:11 AM | Ankita | 2/25/2025 9:48:01 | Peak Integrated by Software |
| AR1242ICC050 | PP070007.D | AR-1242-4 | yogesh | 2/25/2025 9:00:11 AM | Ankita | 2/25/2025 9:48:01 | Peak Integrated by Software |
| AR1242ICC050 | PP070007.D | AR-1242-5 | yogesh | 2/25/2025 9:00:11 AM | Ankita | 2/25/2025 9:48:01 | Peak Integrated by Software |
| AR1248ICC050 | PP070012.D | AR-1248-1 | yogesh | 2/25/2025 9:00:12 AM | Ankita | 2/25/2025 9:48:03 | Peak Integrated by Software |
| AR1248ICC050 | PP070012.D | AR-1248-2 | yogesh | 2/25/2025 9:00:12 AM | Ankita | 2/25/2025 9:48:03 | Peak Integrated by Software |
| AR1248ICC050 | PP070012.D | AR-1248-3 | yogesh | 2/25/2025 9:00:12 AM | Ankita | 2/25/2025 9:48:03 | Peak Integrated by Software |
| AR1248ICC050 | PP070012.D | AR-1248-4 | yogesh | 2/25/2025 9:00:12 AM | Ankita | 2/25/2025 9:48:03 | Peak Integrated by Software |
| AR1248ICC050 | PP070012.D | AR-1248-5 | yogesh | 2/25/2025 9:00:12 AM | Ankita | 2/25/2025 9:48:03 | Peak Integrated by Software |
| AR1254ICC1000 | PP070013.D | AR-1254-1 | yogesh | 2/25/2025 9:00:14 AM | Ankita | 2/25/2025 9:48:05 | Peak Integrated by Software |
| AR1254ICC750 | PP070014.D | AR-1254-1 | yogesh | 2/25/2025 9:00:16 AM | Ankita | 2/25/2025 9:48:07 | Peak Integrated by Software |
| AR1254ICC750 | PP070014.D | AR-1254-5 | yogesh | 2/25/2025 9:00:16 AM | Ankita | 2/25/2025 9:48:07 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP022425 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1254ICC050 | PP070017.D | AR-1254-1 | yogesh | 2/25/2025 9:00:17 AM | Ankita | 2/25/2025 9:48:24 | Peak Integrated by Software |
| AR1254ICC050 | PP070017.D | AR-1254-1 #2 | yogesh | 2/25/2025 9:00:17 AM | Ankita | 2/25/2025 9:48:24 | Peak Integrated by Software |
| AR1254ICC050 | PP070017.D | AR-1254-2 | yogesh | 2/25/2025 9:00:17 AM | Ankita | 2/25/2025 9:48:24 | Peak Integrated by Software |
| AR1254ICC050 | PP070017.D | AR-1254-2 #2 | yogesh | 2/25/2025 9:00:17 AM | Ankita | 2/25/2025 9:48:24 | Peak Integrated by Software |
| AR1254ICC050 | PP070017.D | AR-1254-3 | yogesh | 2/25/2025 9:00:17 AM | Ankita | 2/25/2025 9:48:24 | Peak Integrated by Software |
| AR1254ICC050 | PP070017.D | AR-1254-3 #2 | yogesh | 2/25/2025 9:00:17 AM | Ankita | 2/25/2025 9:48:24 | Peak Integrated by Software |
| AR1254ICC050 | PP070017.D | AR-1254-4 | yogesh | 2/25/2025 9:00:17 AM | Ankita | 2/25/2025 9:48:24 | Peak Integrated by Software |
| AR1254ICC050 | PP070017.D | AR-1254-4 #2 | yogesh | 2/25/2025 9:00:17 AM | Ankita | 2/25/2025 9:48:24 | Peak Integrated by Software |
| AR1254ICC050 | PP070017.D | AR-1254-5 | yogesh | 2/25/2025 9:00:17 AM | Ankita | 2/25/2025 9:48:24 | Peak Integrated by Software |
| AR1254ICC050 | PP070017.D | AR-1254-5 #2 | yogesh | 2/25/2025 9:00:17 AM | Ankita | 2/25/2025 9:48:24 | Peak Integrated by Software |
| AR1254ICC050 | PP070017.D | Tetrachloro-m-xylene | yogesh | 2/25/2025 9:00:17 AM | Ankita | 2/25/2025 9:48:24 | Peak Integrated by Software |
| AR1254ICC050 | PP070017.D | Tetrachloro-m-xylene #2 | yogesh | 2/25/2025 9:00:17 AM | Ankita | 2/25/2025 9:48:24 | Peak Integrated by Software |
| AR1268ICC750 | PP070020.D | Tetrachloro-m-xylene #2 | yogesh | 2/25/2025 9:00:19 AM | Ankita | 2/25/2025 9:48:09 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP022425 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1268ICC250 | PP070022.D | AR-1268-4 #2 | yogesh | 2/25/2025 9:00:21 AM | Ankita | 2/25/2025 9:48:11 | Peak Integrated by Software |
| AR1268ICC050 | PP070023.D | Tetrachloro-m-xylene | yogesh | 2/25/2025 9:00:23 AM | Ankita | 2/25/2025 9:48:13 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP030625 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1242CCC500 | PP070296.D | AR-1242-5 | yogesh | 3/7/2025 7:32:29 AM | mohammad | 3/8/2025 4:32:03 | Peak Integrated by Software |
| AR1242CCC500 | PP070296.D | Tetrachloro-m-xylene #2 | yogesh | 3/7/2025 7:32:29 AM | mohammad | 3/8/2025 4:32:03 | Peak Integrated by Software |
| AR1254CCC500 | PP070298.D | AR-1254-4 #2 | yogesh | 3/7/2025 7:32:31 AM | mohammad | 3/8/2025 4:32:06 | Peak Integrated by Software |
| AR1242CCC500 | PP070310.D | AR-1242-1 | yogesh | 3/7/2025 7:39:47 AM | mohammad | 3/8/2025 4:32:22 | Peak Integrated by Software |
| AR1242CCC500 | PP070310.D | AR-1242-1 #2 | yogesh | 3/7/2025 7:39:47 AM | mohammad | 3/8/2025 4:32:22 | Peak Integrated by Software |
| AR1248CCC500 | PP070311.D | AR-1248-1 #2 | yogesh | 3/7/2025 7:39:49 AM | mohammad | 3/8/2025 4:32:25 | Peak Integrated by Software |
| AR1254CCC500 | PP070312.D | AR-1254-4 #2 | yogesh | 3/7/2025 7:39:51 AM | mohammad | 3/8/2025 4:32:28 | Peak Integrated by Software |
| Q1436-03 | PP070320.D | AR-1254-4 #2 | yogesh | 3/7/2025 7:40:00 AM | mohammad | 3/8/2025 4:32:35 | Peak Integrated by Software |
| Q1436-03 | PP070320.D | AR-1268-1 | yogesh | 3/7/2025 7:40:00 AM | mohammad | 3/8/2025 4:32:35 | Peak Integrated by Software |
| Q1436-03 | PP070320.D | AR-1268-1 #2 | yogesh | 3/7/2025 7:40:00 AM | mohammad | 3/8/2025 4:32:35 | Peak Integrated by Software |
| Q1436-03 | PP070320.D | AR-1268-2 #2 | yogesh | 3/7/2025 7:40:00 AM | mohammad | 3/8/2025 4:32:35 | Peak Integrated by Software |
| Q1436-05 | PP070321.D | AR-1254-1 | yogesh | 3/7/2025 1:22:41 PM | mohammad | 3/8/2025 4:32:37 | Peak Integrated by Software |
| Q1436-05 | PP070321.D | AR-1254-4 #2 | yogesh | 3/7/2025 1:22:41 PM | mohammad | 3/8/2025 4:32:37 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP030625 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| Q1436-06 | PP070322.D | AR-1254-1 | yogesh | 3/7/2025 1:22:43 PM | mohammad | 3/8/2025 4:32:40 | Peak Integrated by Software |
| Q1436-06 | PP070322.D | AR-1254-4 #2 | yogesh | 3/7/2025 1:22:43 PM | mohammad | 3/8/2025 4:32:40 | Peak Integrated by Software |
| Q1436-06 | PP070322.D | AR-1268-1 #2 | yogesh | 3/7/2025 1:22:43 PM | mohammad | 3/8/2025 4:32:40 | Peak Integrated by Software |
| Q1436-06 | PP070322.D | AR-1268-3 #2 | yogesh | 3/7/2025 1:22:43 PM | mohammad | 3/8/2025 4:32:40 | Peak Integrated by Software |
| Q1436-08 | PP070323.D | AR-1254-1 | yogesh | 3/7/2025 1:22:44 PM | mohammad | 3/8/2025 4:32:43 | Peak Integrated by Software |
| Q1436-08 | PP070323.D | AR-1254-4 #2 | yogesh | 3/7/2025 1:22:44 PM | mohammad | 3/8/2025 4:32:43 | Peak Integrated by Software |
| AR1242CCC500 | PP070325.D | AR-1242-1 | yogesh | 3/7/2025 7:40:09 AM | mohammad | 3/8/2025 4:32:46 | Peak Integrated by Software |
| AR1242CCC500 | PP070325.D | AR-1242-1 #2 | yogesh | 3/7/2025 7:40:09 AM | mohammad | 3/8/2025 4:32:46 | Peak Integrated by Software |
| AR1248CCC500 | PP070326.D | AR-1248-1 #2 | yogesh | 3/7/2025 7:40:11 AM | mohammad | 3/8/2025 4:32:50 | Peak Integrated by Software |
| AR1248CCC500 | PP070326.D | AR-1248-4 #2 | yogesh | 3/7/2025 7:40:11 AM | mohammad | 3/8/2025 4:32:50 | Peak Integrated by Software |
| AR1254CCC500 | PP070327.D | AR-1254-4 #2 | yogesh | 3/7/2025 7:40:20 AM | mohammad | 3/8/2025 4:32:52 | Peak Integrated by Software |
| I.BLK | PP070328.D | Tetrachloro-m-xylene #2 | yogesh | 3/7/2025 7:40:19 AM | mohammad | 3/8/2025 4:32:54 | Peak Integrated by Software |
| Q1436-09 | PP070329.D | AR-1254-4 #2 | yogesh | 3/7/2025 7:40:22 AM | mohammad | 3/8/2025 4:32:57 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP030625 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1242CCC500 | PP070333.D | AR-1242-1 | yogesh | 3/7/2025 7:40:28 AM | mohammad | 3/8/2025 4:33:05 | Peak Integrated by Software |
| AR1242CCC500 | PP070333.D | AR-1242-1 #2 | yogesh | 3/7/2025 7:40:28 AM | mohammad | 3/8/2025 4:33:05 | Peak Integrated by Software |
| AR1248CCC500 | PP070334.D | AR-1248-1 #2 | yogesh | 3/7/2025 7:40:30 AM | mohammad | 3/8/2025 4:33:07 | Peak Integrated by Software |
| AR1254CCC500 | PP070335.D | AR-1254-4 #2 | yogesh | 3/7/2025 7:40:32 AM | mohammad | 3/8/2025 4:33:09 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP030725 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| Q1436-02DL | PP070341.D | AR-1254-1 | yogesh | 3/10/2025 8:00:18 AM | Ankita | 3/10/2025 10:57:53 | Peak Integrated by Software |
| Q1436-08DL | PP070342.D | AR-1254-1 | yogesh | 3/10/2025 8:00:20 AM | Ankita | 3/10/2025 10:57:55 | Peak Integrated by Software |
| Q1436-08DL2 | PP070343.D | AR-1254-1 | yogesh | 3/10/2025 8:00:22 AM | Ankita | 3/10/2025 10:57:56 | Peak Integrated by Software |
| AR1254CCC500 | PP070347.D | AR-1254-4 #2 | yogesh | 3/10/2025 8:00:25 AM | Ankita | 3/10/2025 10:57:58 | Peak Integrated by Software |
| AR1242CCC500 | PP070360.D | AR-1242-1 | yogesh | 3/10/2025 8:00:39 AM | Ankita | 3/10/2025 10:58:10 | Peak Integrated by Software |
| AR1242CCC500 | PP070360.D | AR-1242-1 #2 | yogesh | 3/10/2025 8:00:39 AM | Ankita | 3/10/2025 10:58:10 | Peak Integrated by Software |
| AR1248CCC500 | PP070361.D | AR-1248-1 #2 | yogesh | 3/10/2025 8:00:40 AM | Ankita | 3/10/2025 10:58:12 | Peak Integrated by Software |
| AR1254CCC500 | PP070362.D | AR-1254-4 #2 | yogesh | 3/10/2025 8:00:43 AM | Ankita | 3/10/2025 10:58:14 | Peak Integrated by Software |
| AR1660CCC500 | PP070374.D | AR-1016-5 #2 | yogesh | 3/10/2025 8:01:03 AM | Ankita | 3/10/2025 10:59:00 | Peak Integrated by Software |
| AR1242CCC500 | PP070375.D | AR-1242-1 | yogesh | 3/10/2025 8:01:04 AM | Ankita | 3/10/2025 10:59:02 | Peak Integrated by Software |
| AR1242CCC500 | PP070375.D | AR-1242-1 #2 | yogesh | 3/10/2025 8:01:04 AM | Ankita | 3/10/2025 10:59:02 | Peak Integrated by Software |
| AR1248CCC500 | PP070376.D | AR-1248-1 #2 | yogesh | 3/10/2025 8:01:06 AM | Ankita | 3/10/2025 10:59:05 | Peak Integrated by Software |
| AR1254CCC500 | PP070377.D | AR-1254-4 #2 | yogesh | 3/10/2025 8:01:08 AM | Ankita | 3/10/2025 10:59:07 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP030725 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| I.BLK | PP070378.D | Tetrachloro-m-xylene #2 | yogesh | 3/10/2025 8:01:09 AM | Ankita | 3/10/2025 10:59:09 | Peak Integrated by Software |
| AR1242CCC500 | PP070385.D | AR-1242-1 | yogesh | 3/10/2025 8:01:16 AM | Ankita | 3/10/2025 10:59:16 | Peak Integrated by Software |
| AR1242CCC500 | PP070385.D | AR-1242-1 #2 | yogesh | 3/10/2025 8:01:16 AM | Ankita | 3/10/2025 10:59:16 | Peak Integrated by Software |
| AR1248CCC500 | PP070386.D | AR-1248-1 #2 | yogesh | 3/10/2025 8:01:18 AM | Ankita | 3/10/2025 10:59:42 | Peak Integrated by Software |

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**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022025

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/21/2025 8:09:53 AM | | |
| Supervise By | Ankita | Supervise On | 2/21/2025 9:30:37 AM | | |
| SubDirectory | PO022025 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | HEXANE | PO109424.D | 20 Feb 2025 16:09 | YP/AJ | Ok |
| 2 | I.BLK | PO109425.D | 20 Feb 2025 16:28 | YP/AJ | Ok |
| 3 | AR1660ICC1000 | PO109426.D | 20 Feb 2025 16:46 | YP/AJ | Ok |
| 4 | AR1660ICC750 | PO109427.D | 20 Feb 2025 17:04 | YP/AJ | Ok |
| 5 | AR1660ICC500 | PO109428.D | 20 Feb 2025 17:23 | YP/AJ | Ok |
| 6 | AR1660ICC250 | PO109429.D | 20 Feb 2025 17:41 | YP/AJ | Ok |
| 7 | AR1660ICC050 | PO109430.D | 20 Feb 2025 17:59 | YP/AJ | Ok |
| 8 | AR1221ICC500 | PO109431.D | 20 Feb 2025 18:18 | YP/AJ | Ok |
| 9 | AR1232ICC500 | PO109432.D | 20 Feb 2025 18:36 | YP/AJ | Ok |
| 10 | AR1242ICC1000 | PO109433.D | 20 Feb 2025 18:55 | YP/AJ | Ok |
| 11 | AR1242ICC750 | PO109434.D | 20 Feb 2025 19:13 | YP/AJ | Ok |
| 12 | AR1242ICC500 | PO109435.D | 20 Feb 2025 19:31 | YP/AJ | Ok |
| 13 | AR1242ICC250 | PO109436.D | 20 Feb 2025 19:50 | YP/AJ | Ok |
| 14 | AR1242ICC050 | PO109437.D | 20 Feb 2025 20:08 | YP/AJ | Ok,M |
| 15 | AR1248ICC1000 | PO109438.D | 20 Feb 2025 20:26 | YP/AJ | Ok |
| 16 | AR1248ICC750 | PO109439.D | 20 Feb 2025 20:45 | YP/AJ | Ok |
| 17 | AR1248ICC500 | PO109440.D | 20 Feb 2025 21:03 | YP/AJ | Ok |
| 18 | AR1248ICC250 | PO109441.D | 20 Feb 2025 21:21 | YP/AJ | Ok |
| 19 | AR1248ICC050 | PO109442.D | 20 Feb 2025 21:40 | YP/AJ | Ok,M |
| 20 | AR1254ICC1000 | PO109443.D | 20 Feb 2025 21:58 | YP/AJ | Ok |
| 21 | AR1254ICC750 | PO109444.D | 20 Feb 2025 22:17 | YP/AJ | Ok |

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**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022025

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/21/2025 8:09:53 AM | | |
| Supervise By | Ankita | Supervise On | 2/21/2025 9:30:37 AM | | |
| SubDirectory | PO022025 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | AR1254ICC500 | PO109445.D | 20 Feb 2025 22:35 | YP/AJ | Ok |
| 23 | AR1254ICC250 | PO109446.D | 20 Feb 2025 22:53 | YP/AJ | Ok |
| 24 | AR1254ICC050 | PO109447.D | 20 Feb 2025 23:12 | YP/AJ | Ok,M |
| 25 | AR1262ICC500 | PO109448.D | 20 Feb 2025 23:30 | YP/AJ | Ok |
| 26 | AR1268ICC1000 | PO109449.D | 20 Feb 2025 23:48 | YP/AJ | Ok |
| 27 | AR1268ICC750 | PO109450.D | 21 Feb 2025 00:07 | YP/AJ | Ok |
| 28 | AR1268ICC500 | PO109451.D | 21 Feb 2025 00:25 | YP/AJ | Ok |
| 29 | AR1268ICC250 | PO109452.D | 21 Feb 2025 00:43 | YP/AJ | Ok |
| 30 | AR1268ICC050 | PO109453.D | 21 Feb 2025 01:02 | YP/AJ | Ok |
| 31 | PO022025ICV500 | PO109454.D | 21 Feb 2025 01:20 | YP/AJ | Ok |
| 32 | AR1242ICV500 | PO109455.D | 21 Feb 2025 01:38 | YP/AJ | Ok |
| 33 | AR1248ICV500 | PO109456.D | 21 Feb 2025 01:57 | YP/AJ | Ok |
| 34 | AR1254ICV500 | PO109457.D | 21 Feb 2025 02:15 | YP/AJ | Ok |
| 35 | AR1268ICV500 | PO109458.D | 21 Feb 2025 02:34 | YP/AJ | Ok |

M : Manual Integration

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**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/28/2025 12:43:01 PM | | |
| Supervise By | Ankita | Supervise On | 2/28/2025 12:44:27 PM | | |
| SubDirectory | PO022725 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | HEXANE | PO109517.D | 27 Feb 2025 10:13 | YP/AJ | Ok |
| 2 | AR1660CCC500 | PO109518.D | 27 Feb 2025 10:32 | YP/AJ | Ok |
| 3 | AR1242CCC500 | PO109519.D | 27 Feb 2025 10:50 | YP/AJ | Ok |
| 4 | AR1248CCC500 | PO109520.D | 27 Feb 2025 11:08 | YP/AJ | Ok |
| 5 | AR1254CCC500 | PO109521.D | 27 Feb 2025 11:27 | YP/AJ | Ok |
| 6 | I.BLK | PO109522.D | 27 Feb 2025 11:45 | YP/AJ | Ok |
| 7 | PP24209 | PO109523.D | 27 Feb 2025 12:03 | YP/AJ | Ok |
| 8 | PB166892BL | PO109524.D | 27 Feb 2025 13:16 | YP/AJ | Ok |
| 9 | PB166892BS | PO109525.D | 27 Feb 2025 13:35 | YP/AJ | Ok |
| 10 | Q1438-02 | PO109526.D | 27 Feb 2025 13:53 | YP/AJ | Dilution |
| 11 | Q1438-04 | PO109527.D | 27 Feb 2025 14:11 | YP/AJ | Dilution |
| 12 | Q1438-06 | PO109528.D | 27 Feb 2025 14:30 | YP/AJ | Dilution |
| 13 | Q1438-07 | PO109529.D | 27 Feb 2025 14:48 | YP/AJ | Dilution |
| 14 | Q1438-08 | PO109530.D | 27 Feb 2025 15:06 | YP/AJ | Dilution |
| 15 | Q1438-10 | PO109531.D | 27 Feb 2025 15:25 | YP/AJ | Dilution |
| 16 | Q1440-01 | PO109532.D | 27 Feb 2025 15:43 | YP/AJ | Ok |
| 17 | AR1660CCC500 | PO109533.D | 27 Feb 2025 17:49 | YP/AJ | Ok |
| 18 | AR1242CCC500 | PO109534.D | 27 Feb 2025 18:07 | YP/AJ | Ok |
| 19 | AR1248CCC500 | PO109535.D | 27 Feb 2025 18:26 | YP/AJ | Ok |
| 20 | AR1254CCC500 | PO109536.D | 27 Feb 2025 19:53 | YP/AJ | Ok |
| 21 | I.BLK | PO109537.D | 27 Feb 2025 20:12 | YP/AJ | Ok |

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**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/28/2025 12:43:01 PM | | |
| Supervise By | Ankita | Supervise On | 2/28/2025 12:44:27 PM | | |
| SubDirectory | PO022725 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q1441-01 | PO109538.D | 27 Feb 2025 20:30 | YP/AJ | Ok |
| 23 | Q1442-01 | PO109539.D | 27 Feb 2025 20:49 | YP/AJ | Ok |
| 24 | Q1442-02 | PO109540.D | 27 Feb 2025 21:07 | YP/AJ | Ok |
| 25 | Q1442-03 | PO109541.D | 27 Feb 2025 21:26 | YP/AJ | Ok |
| 26 | Q1442-03MS | PO109542.D | 27 Feb 2025 21:44 | YP/AJ | Ok |
| 27 | Q1442-03MSD | PO109543.D | 27 Feb 2025 22:02 | YP/AJ | Ok,M |
| 28 | Q1443-01 | PO109544.D | 27 Feb 2025 22:21 | YP/AJ | Ok |
| 29 | Q1447-01 | PO109545.D | 27 Feb 2025 22:39 | YP/AJ | Ok,M |
| 30 | PB166889BL | PO109546.D | 27 Feb 2025 22:57 | YP/AJ | Ok |
| 31 | PB166889BS | PO109547.D | 27 Feb 2025 23:16 | YP/AJ | Ok |
| 32 | AR1660CCC500 | PO109548.D | 28 Feb 2025 00:02 | YP/AJ | Ok |
| 33 | AR1242CCC500 | PO109549.D | 28 Feb 2025 00:21 | YP/AJ | Ok |
| 34 | AR1248CCC500 | PO109550.D | 28 Feb 2025 00:38 | YP/AJ | Ok |
| 35 | AR1254CCC500 | PO109551.D | 28 Feb 2025 00:57 | YP/AJ | Ok |
| 36 | I.BLK | PO109552.D | 28 Feb 2025 01:14 | YP/AJ | Ok |
| 37 | Q1433-01 | PO109553.D | 28 Feb 2025 01:32 | YP/AJ | Dilution |
| 38 | Q1433-02 | PO109554.D | 28 Feb 2025 01:50 | YP/AJ | Not Ok |
| 39 | Q1433-04 | PO109555.D | 28 Feb 2025 02:08 | YP/AJ | Dilution |
| 40 | Q1433-05 | PO109556.D | 28 Feb 2025 02:26 | YP/AJ | Dilution |
| 41 | Q1433-07 | PO109557.D | 28 Feb 2025 02:45 | YP/AJ | Dilution |
| 42 | Q1433-08 | PO109558.D | 28 Feb 2025 03:03 | YP/AJ | Dilution |
| 43 | Q1433-10 | PO109559.D | 28 Feb 2025 03:21 | YP/AJ | Dilution |
| 44 | Q1434-01 | PO109560.D | 28 Feb 2025 03:39 | YP/AJ | Dilution |

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**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/28/2025 12:43:01 PM | | |
| Supervise By | Ankita | Supervise On | 2/28/2025 12:44:27 PM | | |
| SubDirectory | PO022725 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 45 | Q1434-03 | PO109561.D | 28 Feb 2025 03:57 | YP/AJ | Dilution |
| 46 | Q1434-03MS | PO109562.D | 28 Feb 2025 04:16 | YP/AJ | Ok |
| 47 | Q1434-03MSD | PO109563.D | 28 Feb 2025 04:34 | YP/AJ | Ok |
| 48 | Q1434-04 | PO109564.D | 28 Feb 2025 04:52 | YP/AJ | Dilution |
| 49 | Q1434-06 | PO109565.D | 28 Feb 2025 05:11 | YP/AJ | Dilution |
| 50 | Q1434-08 | PO109566.D | 28 Feb 2025 05:29 | YP/AJ | Dilution |
| 51 | Q1434-09 | PO109567.D | 28 Feb 2025 05:46 | YP/AJ | Dilution |
| 52 | Q1436-01 | PO109568.D | 28 Feb 2025 06:05 | YP/AJ | Dilution |
| 53 | Q1436-04 | PO109569.D | 28 Feb 2025 06:23 | YP/AJ | Dilution |
| 54 | Q1436-07 | PO109570.D | 28 Feb 2025 06:42 | YP/AJ | Dilution |
| 55 | Q1436-10 | PO109571.D | 28 Feb 2025 07:00 | YP/AJ | Dilution |
| 56 | Q1437-03 | PO109572.D | 28 Feb 2025 07:18 | YP/AJ | Dilution |
| 57 | AR1660CCC500 | PO109573.D | 28 Feb 2025 08:19 | YP/AJ | Ok |
| 58 | I.BLK | PO109574.D | 28 Feb 2025 08:38 | YP/AJ | Ok,M |
| 59 | Q1437-06 | PO109575.D | 28 Feb 2025 08:55 | YP/AJ | Dilution |
| 60 | Q1437-09 | PO109576.D | 28 Feb 2025 09:14 | YP/AJ | Dilution |
| 61 | AR1660CC500 | PO109577.D | 28 Feb 2025 10:00 | YP/AJ | Ok |
| 62 | I.BLK | PO109578.D | 28 Feb 2025 10:19 | YP/AJ | Ok |

M : Manual Integration

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**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022825

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/3/2025 9:32:13 AM | | |
| Supervise By | Ankita | Supervise On | 3/4/2025 12:55:41 PM | | |
| SubDirectory | PO022825 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | AR1660CCC500 | PO109579.D | 28 Feb 2025 10:57 | YP/AJ | Ok |
| 2 | I.BLK | PO109580.D | 28 Feb 2025 11:16 | YP/AJ | Ok |
| 3 | Q1438-02DL | PO109581.D | 28 Feb 2025 11:34 | YP/AJ | Ok |
| 4 | Q1438-04DL | PO109582.D | 28 Feb 2025 11:52 | YP/AJ | Ok |
| 5 | Q1438-06DL | PO109583.D | 28 Feb 2025 12:10 | YP/AJ | Dilution |
| 6 | Q1438-06DL2 | PO109584.D | 28 Feb 2025 12:28 | YP/AJ | Ok,M |
| 7 | Q1438-07DL | PO109585.D | 28 Feb 2025 12:47 | YP/AJ | Ok,M |
| 8 | Q1438-08DL | PO109586.D | 28 Feb 2025 13:04 | YP/AJ | Dilution |
| 9 | Q1438-08DL2 | PO109587.D | 28 Feb 2025 13:22 | YP/AJ | Ok |
| 10 | Q1438-10DL | PO109588.D | 28 Feb 2025 13:41 | YP/AJ | Ok |
| 11 | Q1433-02 | PO109589.D | 28 Feb 2025 14:13 | YP/AJ | Ok |
| 12 | Q1433-01DL | PO109590.D | 28 Feb 2025 14:32 | YP/AJ | Ok,M |
| 13 | Q1433-04DL | PO109591.D | 28 Feb 2025 15:04 | YP/AJ | Dilution |
| 14 | Q1433-04DL2 | PO109592.D | 28 Feb 2025 15:23 | YP/AJ | Ok |
| 15 | Q1433-05DL | PO109593.D | 28 Feb 2025 15:41 | YP/AJ | Dilution |
| 16 | Q1433-05DL2 | PO109594.D | 28 Feb 2025 15:59 | YP/AJ | Ok,M |
| 17 | Q1433-07DL | PO109595.D | 28 Feb 2025 16:18 | YP/AJ | Dilution |
| 18 | Q1433-07DL2 | PO109596.D | 28 Feb 2025 16:36 | YP/AJ | Ok |
| 19 | Q1433-08DL | PO109597.D | 28 Feb 2025 16:54 | YP/AJ | Ok |
| 20 | Q1433-10DL | PO109598.D | 28 Feb 2025 17:13 | YP/AJ | Dilution |
| 21 | Q1433-10DL2 | PO109599.D | 28 Feb 2025 17:31 | YP/AJ | Dilution |

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**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022825

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/3/2025 9:32:13 AM | | |
| Supervise By | Ankita | Supervise On | 3/4/2025 12:55:41 PM | | |
| SubDirectory | PO022825 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | AR1660CCC500 | PO109600.D | 28 Feb 2025 18:46 | YP/AJ | Ok |
| 23 | I.BLK | PO109601.D | 28 Feb 2025 19:04 | YP/AJ | Ok |
| 24 | Q1434-01DL | PO109602.D | 28 Feb 2025 19:22 | YP/AJ | Ok |
| 25 | Q1434-03DL | PO109603.D | 28 Feb 2025 19:40 | YP/AJ | Ok |
| 26 | Q1434-04DL | PO109604.D | 28 Feb 2025 19:59 | YP/AJ | Ok |
| 27 | Q1434-06DL | PO109605.D | 28 Feb 2025 20:17 | YP/AJ | Ok |
| 28 | Q1434-08DL | PO109606.D | 28 Feb 2025 20:35 | YP/AJ | Not Ok |
| 29 | Q1434-09DL | PO109607.D | 28 Feb 2025 20:54 | YP/AJ | Ok,M |
| 30 | Q1436-01DL | PO109608.D | 28 Feb 2025 21:12 | YP/AJ | Dilution |
| 31 | Q1436-01DL2 | PO109609.D | 28 Feb 2025 21:30 | YP/AJ | Ok |
| 32 | Q1436-04DL | PO109610.D | 28 Feb 2025 21:49 | YP/AJ | Ok |
| 33 | Q1436-07DL | PO109611.D | 28 Feb 2025 22:07 | YP/AJ | Dilution |
| 34 | Q1436-07DL2 | PO109612.D | 28 Feb 2025 22:26 | YP/AJ | Ok |
| 35 | Q1436-10DL | PO109613.D | 28 Feb 2025 22:44 | YP/AJ | Dilution |
| 36 | Q1436-10DL2 | PO109614.D | 28 Feb 2025 23:02 | YP/AJ | Ok |
| 37 | Q1437-03DL | PO109615.D | 28 Feb 2025 23:21 | YP/AJ | Dilution |
| 38 | Q1437-03DL2 | PO109616.D | 28 Feb 2025 23:39 | YP/AJ | Ok,M |
| 39 | Q1437-06DL | PO109617.D | 28 Feb 2025 23:58 | YP/AJ | Ok |
| 40 | Q1437-09DL | PO109618.D | 01 Mar 2025 00:15 | YP/AJ | Ok |
| 41 | AR1660CCC500 | PO109619.D | 01 Mar 2025 01:30 | YP/AJ | Ok,M |
| 42 | I.BLK | PO109620.D | 01 Mar 2025 01:49 | YP/AJ | Ok |

M : Manual Integration

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**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO030625

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/6/2025 10:53:50 AM | | |
| Supervise By | mohammad | Supervise On | 3/8/2025 4:31:13 AM | | |
| SubDirectory | PO030625 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | HEXANE | PO109647.D | 06 Mar 2025 09:28 | YP/AJ | Ok |
| 2 | AR1660CCC500 | PO109648.D | 06 Mar 2025 10:05 | YP/AJ | Ok,M |
| 3 | AR1242CCC500 | PO109649.D | 06 Mar 2025 10:24 | YP/AJ | Ok |
| 4 | AR1248CCC500 | PO109650.D | 06 Mar 2025 10:42 | YP/AJ | Ok |
| 5 | AR1254CCC500 | PO109651.D | 06 Mar 2025 11:00 | YP/AJ | Ok |
| 6 | I.BLK | PO109652.D | 06 Mar 2025 11:20 | YP/AJ | Ok |
| 7 | PB167003BL | PO109653.D | 06 Mar 2025 12:29 | YP/AJ | Ok |
| 8 | PB167003BS | PO109654.D | 06 Mar 2025 12:47 | YP/AJ | Ok |
| 9 | Q1498-01 | PO109655.D | 06 Mar 2025 13:06 | YP/AJ | Ok,M |
| 10 | Q1498-02 | PO109656.D | 06 Mar 2025 13:24 | YP/AJ | Ok,M |
| 11 | Q1498-03 | PO109657.D | 06 Mar 2025 13:43 | YP/AJ | Ok |
| 12 | Q1498-04 | PO109658.D | 06 Mar 2025 14:01 | YP/AJ | Ok,M |
| 13 | Q1498-05 | PO109659.D | 06 Mar 2025 14:20 | YP/AJ | Ok |
| 14 | Q1498-06 | PO109660.D | 06 Mar 2025 14:37 | YP/AJ | Ok |
| 15 | Q1498-07 | PO109661.D | 06 Mar 2025 14:55 | YP/AJ | Ok,M |
| 16 | AR1660CCC500 | PO109662.D | 06 Mar 2025 16:11 | YP/AJ | Ok,M |
| 17 | AR1242CCC500 | PO109663.D | 06 Mar 2025 16:47 | YP/AJ | Ok |
| 18 | AR1248CCC500 | PO109664.D | 06 Mar 2025 17:06 | YP/AJ | Ok |
| 19 | AR1254CCC500 | PO109665.D | 06 Mar 2025 17:24 | YP/AJ | Ok |
| 20 | I.BLK | PO109666.D | 06 Mar 2025 18:01 | YP/AJ | Ok |
| 21 | PB167009BL | PO109667.D | 06 Mar 2025 18:19 | YP/AJ | Ok |

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**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO030625

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/6/2025 10:53:50 AM | | |
| Supervise By | mohammad | Supervise On | 3/8/2025 4:31:13 AM | | |
| SubDirectory | PO030625 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | PB167009BS | PO109668.D | 06 Mar 2025 18:38 | YP/AJ | Ok |
| 23 | PB167009BSD | PO109669.D | 06 Mar 2025 18:56 | YP/AJ | Ok |
| 24 | Q1488-13 | PO109670.D | 06 Mar 2025 19:15 | YP/AJ | Ok |
| 25 | Q1488-14 | PO109671.D | 06 Mar 2025 19:33 | YP/AJ | Ok |
| 26 | Q1494-01 | PO109672.D | 06 Mar 2025 19:51 | YP/AJ | Ok |
| 27 | Q1437-07 | PO109673.D | 06 Mar 2025 20:10 | YP/AJ | Dilution |
| 28 | Q1437-10 | PO109674.D | 06 Mar 2025 20:28 | YP/AJ | Ok,M |
| 29 | Q1438-03 | PO109675.D | 06 Mar 2025 20:47 | YP/AJ | Dilution |
| 30 | Q1438-05 | PO109676.D | 06 Mar 2025 21:04 | YP/AJ | Dilution |
| 31 | AR1660CCC500 | PO109677.D | 06 Mar 2025 22:19 | YP/AJ | Ok,M |
| 32 | AR1242CCC500 | PO109678.D | 06 Mar 2025 22:56 | YP/AJ | Ok |
| 33 | AR1248CCC500 | PO109679.D | 06 Mar 2025 23:14 | YP/AJ | Ok |
| 34 | AR1254CCC500 | PO109680.D | 06 Mar 2025 23:33 | YP/AJ | Ok |
| 35 | I.BLK | PO109681.D | 07 Mar 2025 00:09 | YP/AJ | Ok |
| 36 | PB167022BL | PO109682.D | 07 Mar 2025 00:28 | YP/AJ | Ok |
| 37 | PB167022BS | PO109683.D | 07 Mar 2025 00:46 | YP/AJ | Ok |
| 38 | Q1433-03 | PO109684.D | 07 Mar 2025 01:05 | YP/AJ | Ok,M |
| 39 | Q1433-06 | PO109685.D | 07 Mar 2025 01:23 | YP/AJ | Dilution |
| 40 | Q1433-09 | PO109686.D | 07 Mar 2025 01:41 | YP/AJ | Dilution |
| 41 | Q1434-02 | PO109687.D | 07 Mar 2025 02:00 | YP/AJ | Dilution |
| 42 | Q1434-02MS | PO109688.D | 07 Mar 2025 02:18 | YP/AJ | Ok,M |
| 43 | Q1434-02MSD | PO109689.D | 07 Mar 2025 02:37 | YP/AJ | Ok,M |
| 44 | Q1434-05 | PO109690.D | 07 Mar 2025 02:55 | YP/AJ | Dilution |

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**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO030625

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/6/2025 10:53:50 AM | | |
| Supervise By | mohammad | Supervise On | 3/8/2025 4:31:13 AM | | |
| SubDirectory | PO030625 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 45 | Q1434-07 | PO109691.D | 07 Mar 2025 03:13 | YP/AJ | Dilution |
| 46 | AR1660CCC500 | PO109692.D | 07 Mar 2025 04:29 | YP/AJ | Ok,M |
| 47 | AR1242CCC500 | PO109693.D | 07 Mar 2025 05:05 | YP/AJ | Ok |
| 48 | AR1248CCC500 | PO109694.D | 07 Mar 2025 05:24 | YP/AJ | Ok |
| 49 | AR1254CCC500 | PO109695.D | 07 Mar 2025 05:42 | YP/AJ | Ok,M |
| 50 | I.BLK | PO109696.D | 07 Mar 2025 06:19 | YP/AJ | Ok |

M : Manual Integration

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP022425

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/25/2025 9:00:36 AM | | |
| Supervise By | Ankita | Supervise On | 2/25/2025 9:48:29 AM | | |
| SubDirectory | PP022425 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | HEXANE | PP069994.D | 24 Feb 2025 14:27 | YP\AJ | Ok |
| 2 | I.BLK | PP069995.D | 24 Feb 2025 14:43 | YP\AJ | Ok |
| 3 | AR1660ICC1000 | PP069996.D | 24 Feb 2025 14:59 | YP\AJ | Ok |
| 4 | AR1660ICC750 | PP069997.D | 24 Feb 2025 15:15 | YP\AJ | Ok |
| 5 | AR1660ICC500 | PP069998.D | 24 Feb 2025 15:32 | YP\AJ | Ok |
| 6 | AR1660ICC250 | PP069999.D | 24 Feb 2025 15:48 | YP\AJ | Ok |
| 7 | AR1660ICC050 | PP070000.D | 24 Feb 2025 16:04 | YP\AJ | Ok,M |
| 8 | AR1221ICC500 | PP070001.D | 24 Feb 2025 16:20 | YP\AJ | Ok,M |
| 9 | AR1232ICC500 | PP070002.D | 24 Feb 2025 16:37 | YP\AJ | Ok |
| 10 | AR1242ICC1000 | PP070003.D | 24 Feb 2025 16:53 | YP\AJ | Ok |
| 11 | AR1242ICC750 | PP070004.D | 24 Feb 2025 17:09 | YP\AJ | Ok,M |
| 12 | AR1242ICC500 | PP070005.D | 24 Feb 2025 17:25 | YP\AJ | Ok |
| 13 | AR1242ICC250 | PP070006.D | 24 Feb 2025 17:42 | YP\AJ | Ok,M |
| 14 | AR1242ICC050 | PP070007.D | 24 Feb 2025 17:58 | YP\AJ | Ok,M |
| 15 | AR1248ICC1000 | PP070008.D | 24 Feb 2025 18:14 | YP\AJ | Ok |
| 16 | AR1248ICC750 | PP070009.D | 24 Feb 2025 18:30 | YP\AJ | Ok |
| 17 | AR1248ICC500 | PP070010.D | 24 Feb 2025 18:46 | YP\AJ | Ok |
| 18 | AR1248ICC250 | PP070011.D | 24 Feb 2025 19:03 | YP\AJ | Ok |
| 19 | AR1248ICC050 | PP070012.D | 24 Feb 2025 19:19 | YP\AJ | Ok,M |
| 20 | AR1254ICC1000 | PP070013.D | 24 Feb 2025 19:35 | YP\AJ | Ok,M |
| 21 | AR1254ICC750 | PP070014.D | 24 Feb 2025 19:51 | YP\AJ | Ok,M |

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP022425

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/25/2025 9:00:36 AM | | |
| Supervise By | Ankita | Supervise On | 2/25/2025 9:48:29 AM | | |
| SubDirectory | PP022425 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | AR1254ICC500 | PP070015.D | 24 Feb 2025 20:08 | YP\AJ | Ok |
| 23 | AR1254ICC250 | PP070016.D | 24 Feb 2025 20:24 | YP\AJ | Ok |
| 24 | AR1254ICC050 | PP070017.D | 24 Feb 2025 20:40 | YP\AJ | Ok,M |
| 25 | AR1262ICC500 | PP070018.D | 24 Feb 2025 20:56 | YP\AJ | Ok |
| 26 | AR1268ICC1000 | PP070019.D | 24 Feb 2025 21:12 | YP\AJ | Ok |
| 27 | AR1268ICC750 | PP070020.D | 24 Feb 2025 21:29 | YP\AJ | Ok,M |
| 28 | AR1268ICC500 | PP070021.D | 24 Feb 2025 21:45 | YP\AJ | Ok |
| 29 | AR1268ICC250 | PP070022.D | 24 Feb 2025 22:01 | YP\AJ | Ok,M |
| 30 | AR1268ICC050 | PP070023.D | 24 Feb 2025 22:17 | YP\AJ | Ok,M |
| 31 | PP022425ICV500 | PP070024.D | 24 Feb 2025 22:34 | YP\AJ | Ok |
| 32 | AR1242ICV500 | PP070025.D | 24 Feb 2025 22:50 | YP\AJ | Ok |
| 33 | AR1248ICV500 | PP070026.D | 24 Feb 2025 23:06 | YP\AJ | Ok |
| 34 | AR1254ICV500 | PP070027.D | 24 Feb 2025 23:22 | YP\AJ | Ok |
| 35 | AR1268ICV500 | PP070028.D | 24 Feb 2025 23:38 | YP\AJ | Ok |

M : Manual Integration

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP030625

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/6/2025 10:54:36 AM | | |
| Supervise By | mohammad | Supervise On | 3/8/2025 4:33:30 AM | | |
| SubDirectory | PP030625 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | HEXANE | PP070294.D | 06 Mar 2025 09:16 | YP\AJ | Ok |
| 2 | AR1660CCC500 | PP070295.D | 06 Mar 2025 09:51 | YP\AJ | Ok |
| 3 | AR1242CCC500 | PP070296.D | 06 Mar 2025 10:09 | YP\AJ | Ok,M |
| 4 | AR1248CCC500 | PP070297.D | 06 Mar 2025 10:25 | YP\AJ | Ok |
| 5 | AR1254CCC500 | PP070298.D | 06 Mar 2025 10:41 | YP\AJ | Ok,M |
| 6 | I.BLK | PP070299.D | 06 Mar 2025 11:02 | YP\AJ | Ok |
| 7 | PB167010BL | PP070300.D | 06 Mar 2025 12:21 | YP\AJ | Ok |
| 8 | PB167010BS | PP070301.D | 06 Mar 2025 12:37 | YP\AJ | Ok |
| 9 | Q1490-01 | PP070302.D | 06 Mar 2025 12:53 | YP\AJ | Ok,M |
| 10 | Q1494-02 | PP070303.D | 06 Mar 2025 13:10 | YP\AJ | Ok,M |
| 11 | Q1494-03 | PP070304.D | 06 Mar 2025 13:26 | YP\AJ | Ok |
| 12 | Q1494-05 | PP070305.D | 06 Mar 2025 13:42 | YP\AJ | Ok |
| 13 | Q1494-07 | PP070306.D | 06 Mar 2025 13:59 | YP\AJ | Ok |
| 14 | Q1497-07MS | PP070307.D | 06 Mar 2025 14:15 | YP\AJ | Ok,M |
| 15 | Q1494-07MSD | PP070308.D | 06 Mar 2025 14:31 | YP\AJ | Ok,M |
| 16 | AR1660CCC500 | PP070309.D | 06 Mar 2025 15:31 | YP\AJ | Ok |
| 17 | AR1242CCC500 | PP070310.D | 06 Mar 2025 15:47 | YP\AJ | Ok,M |
| 18 | AR1248CCC500 | PP070311.D | 06 Mar 2025 16:06 | YP\AJ | Ok,M |
| 19 | AR1254CCC500 | PP070312.D | 06 Mar 2025 16:22 | YP\AJ | Ok,M |
| 20 | I.BLK | PP070313.D | 06 Mar 2025 16:38 | YP\AJ | Ok |
| 21 | PB167005BL | PP070314.D | 06 Mar 2025 16:55 | YP\AJ | Ok |

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP030625

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/6/2025 10:54:36 AM | | |
| Supervise By | mohammad | Supervise On | 3/8/2025 4:33:30 AM | | |
| SubDirectory | PP030625 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | PB167005BS | PP070315.D | 06 Mar 2025 17:11 | YP\AJ | Ok,M |
| 23 | Q1472-01 | PP070316.D | 06 Mar 2025 17:27 | YP\AJ | Not Ok |
| 24 | PB167022BL | PP070317.D | 06 Mar 2025 17:43 | YP\AJ | Ok |
| 25 | Q1434-10 | PP070318.D | 06 Mar 2025 18:00 | YP\AJ | Dilution |
| 26 | Q1436-02 | PP070319.D | 06 Mar 2025 18:16 | YP\AJ | Dilution |
| 27 | Q1436-03 | PP070320.D | 06 Mar 2025 18:32 | YP\AJ | Ok,M |
| 28 | Q1436-05 | PP070321.D | 06 Mar 2025 18:48 | YP\AJ | Ok,M |
| 29 | Q1436-06 | PP070322.D | 06 Mar 2025 19:05 | YP\AJ | Ok,M |
| 30 | Q1436-08 | PP070323.D | 06 Mar 2025 19:21 | YP\AJ | Dilution |
| 31 | AR1660CCC500 | PP070324.D | 06 Mar 2025 20:20 | YP\AJ | Ok |
| 32 | AR1242CCC500 | PP070325.D | 06 Mar 2025 20:53 | YP\AJ | Ok,M |
| 33 | AR1248CCC500 | PP070326.D | 06 Mar 2025 21:09 | YP\AJ | Ok,M |
| 34 | AR1254CCC500 | PP070327.D | 06 Mar 2025 21:25 | YP\AJ | Ok,M |
| 35 | I.BLK | PP070328.D | 06 Mar 2025 21:58 | YP\AJ | Ok,M |
| 36 | Q1436-09 | PP070329.D | 06 Mar 2025 22:14 | YP\AJ | Ok,M |
| 37 | Q1437-01 | PP070330.D | 06 Mar 2025 22:30 | YP\AJ | Dilution |
| 38 | Q1437-04 | PP070331.D | 06 Mar 2025 22:47 | YP\AJ | Dilution |
| 39 | AR1660CCC500 | PP070332.D | 06 Mar 2025 23:46 | YP\AJ | Ok |
| 40 | AR1242CCC500 | PP070333.D | 07 Mar 2025 00:18 | YP\AJ | Ok,M |
| 41 | AR1248CCC500 | PP070334.D | 07 Mar 2025 00:34 | YP\AJ | Ok,M |
| 42 | AR1254CCC500 | PP070335.D | 07 Mar 2025 00:51 | YP\AJ | Ok,M |
| 43 | I.BLK | PP070336.D | 07 Mar 2025 01:23 | YP\AJ | Ok |

M : Manual Integration

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP030725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/7/2025 1:29:40 PM | | |
| Supervise By | Ankita | Supervise On | 3/10/2025 11:00:00 AM | | |
| SubDirectory | PP030725 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | HEXANE | PP070337.D | 07 Mar 2025 08:41 | YP\AJ | Ok |
| 2 | AR1660CCC500 | PP070338.D | 07 Mar 2025 08:57 | YP\AJ | Ok |
| 3 | I.BLK | PP070339.D | 07 Mar 2025 09:15 | YP\AJ | Ok |
| 4 | Q1434-10DL | PP070340.D | 07 Mar 2025 09:32 | YP\AJ | Ok,M |
| 5 | Q1436-02DL | PP070341.D | 07 Mar 2025 09:48 | YP\AJ | Ok,M |
| 6 | Q1436-08DL | PP070342.D | 07 Mar 2025 10:04 | YP\AJ | Dilution |
| 7 | Q1436-08DL2 | PP070343.D | 07 Mar 2025 10:20 | YP\AJ | Ok,M |
| 8 | AR1660CCC500 | PP070344.D | 07 Mar 2025 10:58 | YP\AJ | Ok |
| 9 | AR1242CCC500 | PP070345.D | 07 Mar 2025 11:14 | YP\AJ | Ok |
| 10 | AR1248CCC500 | PP070346.D | 07 Mar 2025 11:31 | YP\AJ | Ok |
| 11 | AR1254CCC500 | PP070347.D | 07 Mar 2025 11:47 | YP\AJ | Ok,M |
| 12 | I.BLK | PP070348.D | 07 Mar 2025 12:03 | YP\AJ | Ok |
| 13 | PB167005BL | PP070349.D | 07 Mar 2025 12:19 | YP\AJ | Ok |
| 14 | Q1472-01 | PP070350.D | 07 Mar 2025 12:36 | YP\AJ | Ok,M |
| 15 | Q1437-01DL | PP070351.D | 07 Mar 2025 12:52 | YP\AJ | Ok,M |
| 16 | Q1437-04DL | PP070352.D | 07 Mar 2025 13:08 | YP\AJ | Dilution |
| 17 | Q1437-04DL2 | PP070353.D | 07 Mar 2025 13:24 | YP\AJ | Ok,M |
| 18 | PB167029BL | PP070354.D | 07 Mar 2025 13:41 | YP\AJ | Ok |
| 19 | PB167029BS | PP070355.D | 07 Mar 2025 13:57 | YP\AJ | Ok |
| 20 | Q1437-02 | PP070356.D | 07 Mar 2025 14:13 | YP\AJ | Ok,M |
| 21 | Q1437-05 | PP070357.D | 07 Mar 2025 14:29 | YP\AJ | Ok |

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Fax : 908 789 8922

**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP030725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/7/2025 1:29:40 PM | | |
| Supervise By | Ankita | Supervise On | 3/10/2025 11:00:00 AM | | |
| SubDirectory | PP030725 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q1437-08 | PP070358.D | 07 Mar 2025 14:46 | YP\AJ | Ok,M |
| 23 | AR1660CCC500 | PP070359.D | 07 Mar 2025 15:45 | YP\AJ | Ok |
| 24 | AR1242CCC500 | PP070360.D | 07 Mar 2025 16:01 | YP\AJ | Ok,M |
| 25 | AR1248CCC500 | PP070361.D | 07 Mar 2025 16:18 | YP\AJ | Ok,M |
| 26 | AR1254CCC500 | PP070362.D | 07 Mar 2025 16:34 | YP\AJ | Ok,M |
| 27 | I.BLK | PP070363.D | 07 Mar 2025 16:50 | YP\AJ | Ok |
| 28 | Q1438-01 | PP070364.D | 07 Mar 2025 17:06 | YP\AJ | Ok,M |
| 29 | Q1438-09 | PP070365.D | 07 Mar 2025 17:23 | YP\AJ | Ok,M |
| 30 | Q1507-01 | PP070366.D | 07 Mar 2025 17:39 | YP\AJ | Ok,M |
| 31 | Q1508-01 | PP070367.D | 07 Mar 2025 17:55 | YP\AJ | Ok,M |
| 32 | Q1508-01MS | PP070368.D | 07 Mar 2025 18:11 | YP\AJ | Ok,M |
| 33 | Q1508-01MSD | PP070369.D | 07 Mar 2025 18:27 | YP\AJ | Ok,M |
| 34 | Q1514-01 | PP070370.D | 07 Mar 2025 18:44 | YP\AJ | Ok |
| 35 | Q1514-03 | PP070371.D | 07 Mar 2025 19:00 | YP\AJ | Ok,M |
| 36 | Q1514-05 | PP070372.D | 07 Mar 2025 19:16 | YP\AJ | Ok,M |
| 37 | Q1515-01 | PP070373.D | 07 Mar 2025 19:32 | YP\AJ | Ok,M |
| 38 | AR1660CCC500 | PP070374.D | 07 Mar 2025 20:32 | YP\AJ | Ok,M |
| 39 | AR1242CCC500 | PP070375.D | 07 Mar 2025 20:48 | YP\AJ | Ok,M |
| 40 | AR1248CCC500 | PP070376.D | 07 Mar 2025 21:04 | YP\AJ | Ok,M |
| 41 | AR1254CCC500 | PP070377.D | 07 Mar 2025 21:21 | YP\AJ | Ok,M |
| 42 | I.BLK | PP070378.D | 07 Mar 2025 21:37 | YP\AJ | Ok,M |
| 43 | Q1516-01 | PP070379.D | 07 Mar 2025 21:53 | YP\AJ | Ok,M |
| 44 | Q1516-02 | PP070380.D | 07 Mar 2025 22:09 | YP\AJ | Ok,M |

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP030725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/7/2025 1:29:40 PM | | |
| Supervise By | Ankita | Supervise On | 3/10/2025 11:00:00 AM | | |
| SubDirectory | PP030725 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 45 | Q1518-01 | PP070381.D | 07 Mar 2025 22:26 | YP\AJ | Ok |
| 46 | Q1510-01 | PP070382.D | 07 Mar 2025 22:42 | YP\AJ | Ok,M |
| 47 | Q1510-02 | PP070383.D | 07 Mar 2025 22:58 | YP\AJ | Ok,M |
| 48 | AR1660CCC500 | PP070384.D | 07 Mar 2025 23:58 | YP\AJ | Ok |
| 49 | AR1242CCC500 | PP070385.D | 08 Mar 2025 00:14 | YP\AJ | Ok,M |
| 50 | AR1248CCC500 | PP070386.D | 08 Mar 2025 00:30 | YP\AJ | Ok,M |
| 51 | AR1254CCC500 | PP070387.D | 08 Mar 2025 00:46 | YP\AJ | Ok |
| 52 | I.BLK | PP070388.D | 08 Mar 2025 01:03 | YP\AJ | Ok |

M : Manual Integration

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022025

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/21/2025 8:09:53 AM | | |
| Supervise By | Ankita | Supervise On | 2/21/2025 9:30:37 AM | | |
| SubDirectory | PO022025 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | HEXANE | HEXANE | PO109424.D | 20 Feb 2025 16:09 | | YP/AJ | Ok |
| 2 | I.BLK | I.BLK | PO109425.D | 20 Feb 2025 16:28 | | YP/AJ | Ok |
| 3 | AR1660ICC1000 | AR1660ICC1000 | PO109426.D | 20 Feb 2025 16:46 | | YP/AJ | Ok |
| 4 | AR1660ICC750 | AR1660ICC750 | PO109427.D | 20 Feb 2025 17:04 | | YP/AJ | Ok |
| 5 | AR1660ICC500 | AR1660ICC500 | PO109428.D | 20 Feb 2025 17:23 | | YP/AJ | Ok |
| 6 | AR1660ICC250 | AR1660ICC250 | PO109429.D | 20 Feb 2025 17:41 | | YP/AJ | Ok |
| 7 | AR1660ICC050 | AR1660ICC050 | PO109430.D | 20 Feb 2025 17:59 | | YP/AJ | Ok |
| 8 | AR1221ICC500 | AR1221ICC500 | PO109431.D | 20 Feb 2025 18:18 | | YP/AJ | Ok |
| 9 | AR1232ICC500 | AR1232ICC500 | PO109432.D | 20 Feb 2025 18:36 | | YP/AJ | Ok |
| 10 | AR1242ICC1000 | AR1242ICC1000 | PO109433.D | 20 Feb 2025 18:55 | | YP/AJ | Ok |
| 11 | AR1242ICC750 | AR1242ICC750 | PO109434.D | 20 Feb 2025 19:13 | | YP/AJ | Ok |
| 12 | AR1242ICC500 | AR1242ICC500 | PO109435.D | 20 Feb 2025 19:31 | | YP/AJ | Ok |
| 13 | AR1242ICC250 | AR1242ICC250 | PO109436.D | 20 Feb 2025 19:50 | | YP/AJ | Ok |
| 14 | AR1242ICC050 | AR1242ICC050 | PO109437.D | 20 Feb 2025 20:08 | | YP/AJ | Ok,M |
| 15 | AR1248ICC1000 | AR1248ICC1000 | PO109438.D | 20 Feb 2025 20:26 | | YP/AJ | Ok |
| 16 | AR1248ICC750 | AR1248ICC750 | PO109439.D | 20 Feb 2025 20:45 | | YP/AJ | Ok |
| 17 | AR1248ICC500 | AR1248ICC500 | PO109440.D | 20 Feb 2025 21:03 | | YP/AJ | Ok |
| 18 | AR1248ICC250 | AR1248ICC250 | PO109441.D | 20 Feb 2025 21:21 | | YP/AJ | Ok |

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022025

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/21/2025 8:09:53 AM | | |
| Supervise By | Ankita | Supervise On | 2/21/2025 9:30:37 AM | | |
| SubDirectory | PO022025 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | AR1248ICC050 | AR1248ICC050 | PO109442.D | 20 Feb 2025 21:40 | | YP/AJ | Ok,M |
| 20 | AR1254ICC1000 | AR1254ICC1000 | PO109443.D | 20 Feb 2025 21:58 | | YP/AJ | Ok |
| 21 | AR1254ICC750 | AR1254ICC750 | PO109444.D | 20 Feb 2025 22:17 | | YP/AJ | Ok |
| 22 | AR1254ICC500 | AR1254ICC500 | PO109445.D | 20 Feb 2025 22:35 | | YP/AJ | Ok |
| 23 | AR1254ICC250 | AR1254ICC250 | PO109446.D | 20 Feb 2025 22:53 | | YP/AJ | Ok |
| 24 | AR1254ICC050 | AR1254ICC050 | PO109447.D | 20 Feb 2025 23:12 | | YP/AJ | Ok,M |
| 25 | AR1262ICC500 | AR1262ICC500 | PO109448.D | 20 Feb 2025 23:30 | | YP/AJ | Ok |
| 26 | AR1268ICC1000 | AR1268ICC1000 | PO109449.D | 20 Feb 2025 23:48 | | YP/AJ | Ok |
| 27 | AR1268ICC750 | AR1268ICC750 | PO109450.D | 21 Feb 2025 00:07 | | YP/AJ | Ok |
| 28 | AR1268ICC500 | AR1268ICC500 | PO109451.D | 21 Feb 2025 00:25 | | YP/AJ | Ok |
| 29 | AR1268ICC250 | AR1268ICC250 | PO109452.D | 21 Feb 2025 00:43 | | YP/AJ | Ok |
| 30 | AR1268ICC050 | AR1268ICC050 | PO109453.D | 21 Feb 2025 01:02 | | YP/AJ | Ok |
| 31 | PO022025ICV500 | ICVPO022025 | PO109454.D | 21 Feb 2025 01:20 | | YP/AJ | Ok |
| 32 | AR1242ICV500 | ICVPO022025AR1242 | PO109455.D | 21 Feb 2025 01:38 | | YP/AJ | Ok |
| 33 | AR1248ICV500 | ICVPO022025AR1248 | PO109456.D | 21 Feb 2025 01:57 | | YP/AJ | Ok |
| 34 | AR1254ICV500 | ICVPO022025AR1254 | PO109457.D | 21 Feb 2025 02:15 | | YP/AJ | Ok |
| 35 | AR1268ICV500 | ICVPO022025AR1268 | PO109458.D | 21 Feb 2025 02:34 | | YP/AJ | Ok |

M : Manual Integration

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/28/2025 12:43:01 PM | | |
| Supervise By | Ankita | Supervise On | 2/28/2025 12:44:27 PM | | |
| SubDirectory | PO022725 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | HEXANE | HEXANE | PO109517.D | 27 Feb 2025 10:13 | | YP/AJ | Ok |
| 2 | AR1660CCC500 | AR1660CCC500 | PO109518.D | 27 Feb 2025 10:32 | | YP/AJ | Ok |
| 3 | AR1242CCC500 | AR1242CCC500 | PO109519.D | 27 Feb 2025 10:50 | | YP/AJ | Ok |
| 4 | AR1248CCC500 | AR1248CCC500 | PO109520.D | 27 Feb 2025 11:08 | | YP/AJ | Ok |
| 5 | AR1254CCC500 | AR1254CCC500 | PO109521.D | 27 Feb 2025 11:27 | | YP/AJ | Ok |
| 6 | I.BLK | I.BLK | PO109522.D | 27 Feb 2025 11:45 | | YP/AJ | Ok |
| 7 | PP24209 | PP24209 | PO109523.D | 27 Feb 2025 12:03 | | YP/AJ | Ok |
| 8 | PB166892BL | PB166892BL | PO109524.D | 27 Feb 2025 13:16 | | YP/AJ | Ok |
| 9 | PB166892BS | PB166892BS | PO109525.D | 27 Feb 2025 13:35 | | YP/AJ | Ok |
| 10 | Q1438-02 | K084-15B | PO109526.D | 27 Feb 2025 13:53 | DCB High in both column, AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| 11 | Q1438-04 | K084-16B | PO109527.D | 27 Feb 2025 14:11 | DCB High in both column, AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| 12 | Q1438-06 | K084-DUP1 | PO109528.D | 27 Feb 2025 14:30 | DCB High in both column, AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| 13 | Q1438-07 | K084-DUP2 | PO109529.D | 27 Feb 2025 14:48 | AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| 14 | Q1438-08 | K084-DUP3 | PO109530.D | 27 Feb 2025 15:06 | DCB High in both column, AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| | | | | | | | |

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/28/2025 12:43:01 PM | | |
| Supervise By | Ankita | Supervise On | 2/28/2025 12:44:27 PM | | |
| SubDirectory | PO022725 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 15 | Q1438-10 | K084-DUP5 | PO109531.D | 27 Feb 2025 15:25 | DCB High in both column, AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| 16 | Q1440-01 | OR-02-022625 | PO109532.D | 27 Feb 2025 15:43 | | YP/AJ | Ok |
| 17 | AR1660CCC500 | AR1660CCC500 | PO109533.D | 27 Feb 2025 17:49 | | YP/AJ | Ok |
| 18 | AR1242CCC500 | AR1242CCC500 | PO109534.D | 27 Feb 2025 18:07 | | YP/AJ | Ok |
| 19 | AR1248CCC500 | AR1248CCC500 | PO109535.D | 27 Feb 2025 18:26 | | YP/AJ | Ok |
| 20 | AR1254CCC500 | AR1254CCC500 | PO109536.D | 27 Feb 2025 19:53 | | YP/AJ | Ok |
| 21 | I.BLK | I.BLK | PO109537.D | 27 Feb 2025 20:12 | | YP/AJ | Ok |
| 22 | Q1441-01 | HD-02-022625 | PO109538.D | 27 Feb 2025 20:30 | | YP/AJ | Ok |
| 23 | Q1442-01 | 280 | PO109539.D | 27 Feb 2025 20:49 | | YP/AJ | Ok |
| 24 | Q1442-02 | 281 | PO109540.D | 27 Feb 2025 21:07 | AR1260 Hit | YP/AJ | Ok |
| 25 | Q1442-03 | 351 | PO109541.D | 27 Feb 2025 21:26 | | YP/AJ | Ok |
| 26 | Q1442-03MS | 351MS | PO109542.D | 27 Feb 2025 21:44 | | YP/AJ | Ok |
| 27 | Q1442-03MSD | 351MSD | PO109543.D | 27 Feb 2025 22:02 | | YP/AJ | Ok,M |
| 28 | Q1443-01 | 3733 | PO109544.D | 27 Feb 2025 22:21 | | YP/AJ | Ok |
| 29 | Q1447-01 | WC1 | PO109545.D | 27 Feb 2025 22:39 | AR1260 Hit | YP/AJ | Ok,M |
| 30 | PB166889BL | PB166889BL | PO109546.D | 27 Feb 2025 22:57 | | YP/AJ | Ok |
| 31 | PB166889BS | PB166889BS | PO109547.D | 27 Feb 2025 23:16 | | YP/AJ | Ok |
| 32 | AR1660CCC500 | AR1660CCC500 | PO109548.D | 28 Feb 2025 00:02 | | YP/AJ | Ok |
| 33 | AR1242CCC500 | AR1242CCC500 | PO109549.D | 28 Feb 2025 00:21 | | YP/AJ | Ok |

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/28/2025 12:43:01 PM | | |
| Supervise By | Ankita | Supervise On | 2/28/2025 12:44:27 PM | | |
| SubDirectory | PO022725 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 34 | AR1248CCC500 | AR1248CCC500 | PO109550.D | 28 Feb 2025 00:38 | | YP/AJ | Ok |
| 35 | AR1254CCC500 | AR1254CCC500 | PO109551.D | 28 Feb 2025 00:57 | | YP/AJ | Ok |
| 36 | I.BLK | I.BLK | PO109552.D | 28 Feb 2025 01:14 | | YP/AJ | Ok |
| 37 | Q1433-01 | K084-1A | PO109553.D | 28 Feb 2025 01:32 | DCB High in both column, AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| 38 | Q1433-02 | K084-1B | PO109554.D | 28 Feb 2025 01:50 | will be reanalzyed | YP/AJ | Not Ok |
| 39 | Q1433-04 | K084-2A | PO109555.D | 28 Feb 2025 02:08 | DCB High in both column, AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| 40 | Q1433-05 | K084-2B | PO109556.D | 28 Feb 2025 02:26 | DCB High in both column, AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| 41 | Q1433-07 | K084-3A | PO109557.D | 28 Feb 2025 02:45 | DCB High in both column, AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| 42 | Q1433-08 | K084-3B | PO109558.D | 28 Feb 2025 03:03 | DCB High in both column, AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| 43 | Q1433-10 | K084-4A | PO109559.D | 28 Feb 2025 03:21 | DCB High in both column, AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| 44 | Q1434-01 | K084-4B | PO109560.D | 28 Feb 2025 03:39 | AR1254,AR1268 hit Need Dilution | YP/AJ | Dilution |
| 45 | Q1434-03 | K084-5A | PO109561.D | 28 Feb 2025 03:57 | AR1254, AR1268 hit Need Dilution | YP/AJ | Dilution |
| 46 | Q1434-03MS | K084-5AMS | PO109562.D | 28 Feb 2025 04:16 | DCB High in both column, Recovery Fail | YP/AJ | Ok |
| 47 | Q1434-03MSD | K084-5AMSD | PO109563.D | 28 Feb 2025 04:34 | DCB High in both column, Recovery Fail | YP/AJ | Ok |

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/28/2025 12:43:01 PM | | |
| Supervise By | Ankita | Supervise On | 2/28/2025 12:44:27 PM | | |
| SubDirectory | PO022725 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 48 | Q1434-04 | K084-5B | PO109564.D | 28 Feb 2025 04:52 | AR1254, AR1268 hit Need Dilution | YP/AJ | Dilution |
| 49 | Q1434-06 | K084-6B | PO109565.D | 28 Feb 2025 05:11 | DCB High in both column, AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| 50 | Q1434-08 | K084-7A | PO109566.D | 28 Feb 2025 05:29 | DCB High in both column, AR1254 + AR1268 Hit , Need Dilution | YP/AJ | Dilution |
| 51 | Q1434-09 | K084-7B | PO109567.D | 28 Feb 2025 05:46 | DCB High in both column, AR1254 + AR1268 Hit , Need Dilution | YP/AJ | Dilution |
| 52 | Q1436-01 | K084-8A | PO109568.D | 28 Feb 2025 06:05 | DCB High in both column, AR1254 + AR1268 Hit , Need Dilution | YP/AJ | Dilution |
| 53 | Q1436-04 | K084-9A | PO109569.D | 28 Feb 2025 06:23 | DCB High in both column, AR1254 , AR1268 hit Need Dilution | YP/AJ | Dilution |
| 54 | Q1436-07 | K084-10A | PO109570.D | 28 Feb 2025 06:42 | DCB High in both column, AR1254, AR1268 hit Need Dilution | YP/AJ | Dilution |
| 55 | Q1436-10 | K084-11A | PO109571.D | 28 Feb 2025 07:00 | DCB High in both column, AR1254 + AR1268 Hit , Need Dilution | YP/AJ | Dilution |
| 56 | Q1437-03 | K084-12A | PO109572.D | 28 Feb 2025 07:18 | DCB High in both column, AR1254 + AR1268 Hit , Need Dilution | YP/AJ | Dilution |
| 57 | AR1660CCC500 | AR1660CCC500 | PO109573.D | 28 Feb 2025 08:19 | | YP/AJ | Ok |
| 58 | I.BLK | I.BLK | PO109574.D | 28 Feb 2025 08:38 | | YP/AJ | Ok,M |
| 59 | Q1437-06 | K084-13A | PO109575.D | 28 Feb 2025 08:55 | AR1254 + AR1268 Hit , Need Dilution | YP/AJ | Dilution |
| 60 | Q1437-09 | K084-14A | PO109576.D | 28 Feb 2025 09:14 | DCB High in 2nd column,AR1254 + AR1268 Hit , Need Dilution | YP/AJ | Dilution |

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/28/2025 12:43:01 PM | | |
| Supervise By | Ankita | Supervise On | 2/28/2025 12:44:27 PM | | |
| SubDirectory | PO022725 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 61 | AR1660CC500 | AR1660CC500 | PO109577.D | 28 Feb 2025 10:00 | | YP/AJ | Ok |
| 62 | I.BLK | I.BLK | PO109578.D | 28 Feb 2025 10:19 | | YP/AJ | Ok |

M : Manual Integration

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022825

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/3/2025 9:32:13 AM | | |
| Supervise By | Ankita | Supervise On | 3/4/2025 12:55:41 PM | | |
| SubDirectory | PO022825 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | AR1660CCC500 | AR1660CCC500 | PO109579.D | 28 Feb 2025 10:57 | | YP/AJ | Ok |
| 2 | I.BLK | I.BLK | PO109580.D | 28 Feb 2025 11:16 | | YP/AJ | Ok |
| 3 | Q1438-02DL | K084-15BDL | PO109581.D | 28 Feb 2025 11:34 | AR1254 + AR1268 Hit, DCB High in both column | YP/AJ | Ok |
| 4 | Q1438-04DL | K084-16BDL | PO109582.D | 28 Feb 2025 11:52 | AR1254 + AR1268 Hit, DCB High in both column | YP/AJ | Ok |
| 5 | Q1438-06DL | K084-DUP1DL | PO109583.D | 28 Feb 2025 12:10 | AR1254 + AR1268 Hit, Need Dilution, all surrogate fail | YP/AJ | Dilution |
| 6 | Q1438-06DL2 | K084-DUP1DL2 | PO109584.D | 28 Feb 2025 12:28 | AR1254 + AR1268 Hit, all surrogate fail | YP/AJ | Ok,M |
| 7 | Q1438-07DL | K084-DUP2DL | PO109585.D | 28 Feb 2025 12:47 | AR1254 + AR1268 Hit, DCB High in 2nd column, TCMX High in both column | YP/AJ | Ok,M |
| 8 | Q1438-08DL | K084-DUP3DL | PO109586.D | 28 Feb 2025 13:04 | AR1254 + AR1268 Hit, Need Dilution, DCB High in both column | YP/AJ | Dilution |
| 9 | Q1438-08DL2 | K084-DUP3DL2 | PO109587.D | 28 Feb 2025 13:22 | AR1254 + AR1268 Hit,DCB High in both column | YP/AJ | Ok |
| 10 | Q1438-10DL | K084-DUP5DL | PO109588.D | 28 Feb 2025 13:41 | AR1254 + AR1268 Hit, DCB High in both column, TCMX High in 2nd column | YP/AJ | Ok |
| 11 | Q1433-02 | K084-1B | PO109589.D | 28 Feb 2025 14:13 | AR1254 + AR1268 Hit | YP/AJ | Ok |
| 12 | Q1433-01DL | K084-1ADL | PO109590.D | 28 Feb 2025 14:32 | AR1254 + AR1268 Hit, DCB High in both column | YP/AJ | Ok,M |
| 13 | Q1433-04DL | K084-2ADL | PO109591.D | 28 Feb 2025 15:04 | AR1254 + AR1268 Hit, Need Dilution, DCB High ini both column | YP/AJ | Dilution |
| 14 | Q1433-04DL2 | K084-2ADL2 | PO109592.D | 28 Feb 2025 15:23 | AR1254 + AR1268 Hit, DCB High in both column | YP/AJ | Ok |

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022825

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/3/2025 9:32:13 AM | | |
| Supervise By | Ankita | Supervise On | 3/4/2025 12:55:41 PM | | |
| SubDirectory | PO022825 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

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|---|---|---|---|---|---|---|---|
| 15 | Q1433-05DL | K084-2BDL | PO109593.D | 28 Feb 2025 15:41 | AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| 16 | Q1433-05DL2 | K084-2BDL2 | PO109594.D | 28 Feb 2025 15:59 | AR1254 + AR1268 Hit, DCB High in both column | YP/AJ | Ok,M |
| 17 | Q1433-07DL | K084-3ADL | PO109595.D | 28 Feb 2025 16:18 | AR1254 + AR1268 Hit, Need Dilution | YP/AJ | Dilution |
| 18 | Q1433-07DL2 | K084-3ADL2 | PO109596.D | 28 Feb 2025 16:36 | AR1254 + AR1268 Hit, All surogate High, | YP/AJ | Ok |
| 19 | Q1433-08DL | K084-3BDL | PO109597.D | 28 Feb 2025 16:54 | AR1254 + AR1268 Hit, DCB High in both column | YP/AJ | Ok |
| 20 | Q1433-10DL | K084-4ADL | PO109598.D | 28 Feb 2025 17:13 | AR1254 + AR1268 Hit, Need Dilution,DCB High in both column | YP/AJ | Dilution |
| 21 | Q1433-10DL2 | K084-4ADL2 | PO109599.D | 28 Feb 2025 17:31 | AR1254 + AR1268 Hit, | YP/AJ | Dilution |
| 22 | AR1660CCC500 | AR1660CCC500 | PO109600.D | 28 Feb 2025 18:46 | | YP/AJ | Ok |
| 23 | I.BLK | I.BLK | PO109601.D | 28 Feb 2025 19:04 | | YP/AJ | Ok |
| 24 | Q1434-01DL | K084-4BDL | PO109602.D | 28 Feb 2025 19:22 | AR1254,AR1268 hit , DCB High in both column, not match | YP/AJ | Ok |
| 25 | Q1434-03DL | K084-5ADL | PO109603.D | 28 Feb 2025 19:40 | AR1254, AR1268 hit, DCB High in both column | YP/AJ | Ok |
| 26 | Q1434-04DL | K084-5BDL | PO109604.D | 28 Feb 2025 19:59 | AR1254, AR1268 hit | YP/AJ | Ok |
| 27 | Q1434-06DL | K084-6BDL | PO109605.D | 28 Feb 2025 20:17 | DCB High in both column, AR1254 + AR1268 Hit, | YP/AJ | Ok |
| 28 | Q1434-08DL | K084-7ADL | PO109606.D | 28 Feb 2025 20:35 | AR1254 + AR1268 Hit , Need Dilution,Need to confirm Dilution factor, all surrogate fail | YP/AJ | Not Ok |
| 29 | Q1434-09DL | K084-7BDL | PO109607.D | 28 Feb 2025 20:54 | AR1254 + AR1268 Hit , DCB High in both column | YP/AJ | Ok,M |
| 30 | Q1436-01DL | K084-8ADL | PO109608.D | 28 Feb 2025 21:12 | AR1254 + AR1268 Hit , Need Dilution, | YP/AJ | Dilution |

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO022825

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/3/2025 9:32:13 AM | | |
| Supervise By | Ankita | Supervise On | 3/4/2025 12:55:41 PM | | |
| SubDirectory | PO022825 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

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|---|---|---|---|---|---|---|---|
| 31 | Q1436-01DL2 | K084-8ADL2 | PO109609.D | 28 Feb 2025 21:30 | AR1254 + AR1268 Hit, | YP/AJ | Ok |
| 32 | Q1436-04DL | K084-9ADL | PO109610.D | 28 Feb 2025 21:49 | AR1254 , AR1268 hit, DCB High in both column, not match with original | YP/AJ | Ok |
| 33 | Q1436-07DL | K084-10ADL | PO109611.D | 28 Feb 2025 22:07 | AR1254, AR1268 hit Need Dilution, DCB High in both column | YP/AJ | Dilution |
| 34 | Q1436-07DL2 | K084-10ADL2 | PO109612.D | 28 Feb 2025 22:26 | AR1254, AR1268 hit, | YP/AJ | Ok |
| 35 | Q1436-10DL | K084-11ADL | PO109613.D | 28 Feb 2025 22:44 | AR1254 + AR1268 Hit , Need Dilution | YP/AJ | Dilution |
| 36 | Q1436-10DL2 | K084-11ADL2 | PO109614.D | 28 Feb 2025 23:02 | AR1254 + AR1268 Hit | YP/AJ | Ok |
| 37 | Q1437-03DL | K084-12ADL | PO109615.D | 28 Feb 2025 23:21 | AR1254 + AR1268 Hit , Need Dilution, DCB High in both column | YP/AJ | Dilution |
| 38 | Q1437-03DL2 | K084-12ADL2 | PO109616.D | 28 Feb 2025 23:39 | AR1254 + AR1268 Hit, DCB High in both column | YP/AJ | Ok,M |
| 39 | Q1437-06DL | K084-13ADL | PO109617.D | 28 Feb 2025 23:58 | AR1254 + AR1268 Hit , DCB High in both column | YP/AJ | Ok |
| 40 | Q1437-09DL | K084-14ADL | PO109618.D | 01 Mar 2025 00:15 | DCB High in both column,AR1254 + AR1268 Hit, DCB not match with original, pls confirm | YP/AJ | Ok |
| 41 | AR1660CCC500 | AR1660CCC500 | PO109619.D | 01 Mar 2025 01:30 | | YP/AJ | Ok,M |
| 42 | I.BLK | I.BLK | PO109620.D | 01 Mar 2025 01:49 | | YP/AJ | Ok |

M : Manual Integration

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO030625

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/6/2025 10:53:50 AM | | |
| Supervise By | mohammad | Supervise On | 3/8/2025 4:31:13 AM | | |
| SubDirectory | PO030625 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | HEXANE | HEXANE | PO109647.D | 06 Mar 2025 09:28 | | YP/AJ | Ok |
| 2 | AR1660CCC500 | AR1660CCC500 | PO109648.D | 06 Mar 2025 10:05 | | YP/AJ | Ok,M |
| 3 | AR1242CCC500 | AR1242CCC500 | PO109649.D | 06 Mar 2025 10:24 | | YP/AJ | Ok |
| 4 | AR1248CCC500 | AR1248CCC500 | PO109650.D | 06 Mar 2025 10:42 | | YP/AJ | Ok |
| 5 | AR1254CCC500 | AR1254CCC500 | PO109651.D | 06 Mar 2025 11:00 | | YP/AJ | Ok |
| 6 | I.BLK | I.BLK | PO109652.D | 06 Mar 2025 11:20 | | YP/AJ | Ok |
| 7 | PB167003BL | PB167003BL | PO109653.D | 06 Mar 2025 12:29 | | YP/AJ | Ok |
| 8 | PB167003BS | PB167003BS | PO109654.D | 06 Mar 2025 12:47 | | YP/AJ | Ok |
| 9 | Q1498-01 | 4A-4B-4C-1928 BLD-W | PO109655.D | 06 Mar 2025 13:06 | | YP/AJ | Ok,M |
| 10 | Q1498-02 | 5A-5B-5C-1985 BLDG | PO109656.D | 06 Mar 2025 13:24 | | YP/AJ | Ok,M |
| 11 | Q1498-03 | 6A-6B-6C-1985 | PO109657.D | 06 Mar 2025 13:43 | | YP/AJ | Ok |
| 12 | Q1498-04 | 7A-7B-7C-ROOF-5 | PO109658.D | 06 Mar 2025 14:01 | | YP/AJ | Ok,M |
| 13 | Q1498-05 | 8A-8B-8C-ROOF-5 | PO109659.D | 06 Mar 2025 14:20 | | YP/AJ | Ok |
| 14 | Q1498-06 | 9A-9B-9C-ROOF-6 | PO109660.D | 06 Mar 2025 14:37 | | YP/AJ | Ok |
| 15 | Q1498-07 | 10A-10B-10C-ROOF-6 | PO109661.D | 06 Mar 2025 14:55 | | YP/AJ | Ok,M |
| 16 | AR1660CCC500 | AR1660CCC500 | PO109662.D | 06 Mar 2025 16:11 | | YP/AJ | Ok,M |
| 17 | AR1242CCC500 | AR1242CCC500 | PO109663.D | 06 Mar 2025 16:47 | | YP/AJ | Ok |
| 18 | AR1248CCC500 | AR1248CCC500 | PO109664.D | 06 Mar 2025 17:06 | | YP/AJ | Ok |

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO030625

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/6/2025 10:53:50 AM | | |
| Supervise By | mohammad | Supervise On | 3/8/2025 4:31:13 AM | | |
| SubDirectory | PO030625 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | AR1254CCC500 | AR1254CCC500 | PO109665.D | 06 Mar 2025 17:24 | | YP/AJ | Ok |
| 20 | I.BLK | I.BLK | PO109666.D | 06 Mar 2025 18:01 | | YP/AJ | Ok |
| 21 | PB167009BL | PB167009BL | PO109667.D | 06 Mar 2025 18:19 | | YP/AJ | Ok |
| 22 | PB167009BS | PB167009BS | PO109668.D | 06 Mar 2025 18:38 | | YP/AJ | Ok |
| 23 | PB167009BSD | PB167009BSD | PO109669.D | 06 Mar 2025 18:56 | | YP/AJ | Ok |
| 24 | Q1488-13 | ENV-102-GW01 | PO109670.D | 06 Mar 2025 19:15 | | YP/AJ | Ok |
| 25 | Q1488-14 | ENV-104-GW01 | PO109671.D | 06 Mar 2025 19:33 | | YP/AJ | Ok |
| 26 | Q1494-01 | PURGE-WATER | PO109672.D | 06 Mar 2025 19:51 | | YP/AJ | Ok |
| 27 | Q1437-07 | K084-13B | PO109673.D | 06 Mar 2025 20:10 | AR1254 + AR1268 Hit, Need 5x Dilution | YP/AJ | Dilution |
| 28 | Q1437-10 | K084-14B | PO109674.D | 06 Mar 2025 20:28 | AR1254 + AR1268 Hit | YP/AJ | Ok,M |
| 29 | Q1438-03 | K084-15C | PO109675.D | 06 Mar 2025 20:47 | AR1254 + AR1268 Hit, Need 20x Dilution | YP/AJ | Dilution |
| 30 | Q1438-05 | K084-16C | PO109676.D | 06 Mar 2025 21:04 | AR1254 + AR1268 Hit, Need 10x Dilution | YP/AJ | Dilution |
| 31 | AR1660CCC500 | AR1660CCC500 | PO109677.D | 06 Mar 2025 22:19 | | YP/AJ | Ok,M |
| 32 | AR1242CCC500 | AR1242CCC500 | PO109678.D | 06 Mar 2025 22:56 | | YP/AJ | Ok |
| 33 | AR1248CCC500 | AR1248CCC500 | PO109679.D | 06 Mar 2025 23:14 | | YP/AJ | Ok |
| 34 | AR1254CCC500 | AR1254CCC500 | PO109680.D | 06 Mar 2025 23:33 | | YP/AJ | Ok |
| 35 | I.BLK | I.BLK | PO109681.D | 07 Mar 2025 00:09 | | YP/AJ | Ok |
| 36 | PB167022BL | PB167022BL | PO109682.D | 07 Mar 2025 00:28 | | YP/AJ | Ok |

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Fax : 908 789 8922

**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO030625

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/6/2025 10:53:50 AM | | |
| Supervise By | mohammad | Supervise On | 3/8/2025 4:31:13 AM | | |
| SubDirectory | PO030625 | HP Acquire Method | | HP Processing Method | PO022025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 37 | PB167022BS | PB167022BS | PO109683.D | 07 Mar 2025 00:46 | | YP/AJ | Ok |
| 38 | Q1433-03 | K084-1C | PO109684.D | 07 Mar 2025 01:05 | AR1254 + AR1268 Hit | YP/AJ | Ok,M |
| 39 | Q1433-06 | K084-2C | PO109685.D | 07 Mar 2025 01:23 | AR1254 + AR1268 Hit, Need 2x Dilution | YP/AJ | Dilution |
| 40 | Q1433-09 | K084-3C | PO109686.D | 07 Mar 2025 01:41 | AR1254 + AR1268 Hit, Need 4x dilution | YP/AJ | Dilution |
| 41 | Q1434-02 | K084-4C | PO109687.D | 07 Mar 2025 02:00 | AR1254 + AR1268 Hit, Need 5x dilution | YP/AJ | Dilution |
| 42 | Q1434-02MS | K084-4CMS | PO109688.D | 07 Mar 2025 02:18 | AR1660 Recovery Fai | YP/AJ | Ok,M |
| 43 | Q1434-02MSD | K084-4CMSD | PO109689.D | 07 Mar 2025 02:37 | | YP/AJ | Ok,M |
| 44 | Q1434-05 | K084-5C | PO109690.D | 07 Mar 2025 02:55 | AR1254 + AR1268 Hit, Need 5x dilution | YP/AJ | Dilution |
| 45 | Q1434-07 | K084-6C | PO109691.D | 07 Mar 2025 03:13 | AR1254 + AR1268 Hit, need 4x dilution, DCB High in both column | YP/AJ | Dilution |
| 46 | AR1660CCC500 | AR1660CCC500 | PO109692.D | 07 Mar 2025 04:29 | | YP/AJ | Ok,M |
| 47 | AR1242CCC500 | AR1242CCC500 | PO109693.D | 07 Mar 2025 05:05 | | YP/AJ | Ok |
| 48 | AR1248CCC500 | AR1248CCC500 | PO109694.D | 07 Mar 2025 05:24 | | YP/AJ | Ok |
| 49 | AR1254CCC500 | AR1254CCC500 | PO109695.D | 07 Mar 2025 05:42 | | YP/AJ | Ok,M |
| 50 | I.BLK | I.BLK | PO109696.D | 07 Mar 2025 06:19 | | YP/AJ | Ok |

M : Manual Integration

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**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP022425

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/25/2025 9:00:36 AM | | |
| Supervise By | Ankita | Supervise On | 2/25/2025 9:48:29 AM | | |
| SubDirectory | PP022425 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | HEXANE | HEXANE | PP069994.D | 24 Feb 2025 14:27 | | YP\AJ | Ok |
| 2 | I.BLK | I.BLK | PP069995.D | 24 Feb 2025 14:43 | | YP\AJ | Ok |
| 3 | AR1660ICC1000 | AR1660ICC1000 | PP069996.D | 24 Feb 2025 14:59 | | YP\AJ | Ok |
| 4 | AR1660ICC750 | AR1660ICC750 | PP069997.D | 24 Feb 2025 15:15 | | YP\AJ | Ok |
| 5 | AR1660ICC500 | AR1660ICC500 | PP069998.D | 24 Feb 2025 15:32 | | YP\AJ | Ok |
| 6 | AR1660ICC250 | AR1660ICC250 | PP069999.D | 24 Feb 2025 15:48 | | YP\AJ | Ok |
| 7 | AR1660ICC050 | AR1660ICC050 | PP070000.D | 24 Feb 2025 16:04 | | YP\AJ | Ok,M |
| 8 | AR1221ICC500 | AR1221ICC500 | PP070001.D | 24 Feb 2025 16:20 | | YP\AJ | Ok,M |
| 9 | AR1232ICC500 | AR1232ICC500 | PP070002.D | 24 Feb 2025 16:37 | | YP\AJ | Ok |
| 10 | AR1242ICC1000 | AR1242ICC1000 | PP070003.D | 24 Feb 2025 16:53 | | YP\AJ | Ok |
| 11 | AR1242ICC750 | AR1242ICC750 | PP070004.D | 24 Feb 2025 17:09 | | YP\AJ | Ok,M |
| 12 | AR1242ICC500 | AR1242ICC500 | PP070005.D | 24 Feb 2025 17:25 | | YP\AJ | Ok |
| 13 | AR1242ICC250 | AR1242ICC250 | PP070006.D | 24 Feb 2025 17:42 | | YP\AJ | Ok,M |
| 14 | AR1242ICC050 | AR1242ICC050 | PP070007.D | 24 Feb 2025 17:58 | | YP\AJ | Ok,M |
| 15 | AR1248ICC1000 | AR1248ICC1000 | PP070008.D | 24 Feb 2025 18:14 | | YP\AJ | Ok |
| 16 | AR1248ICC750 | AR1248ICC750 | PP070009.D | 24 Feb 2025 18:30 | | YP\AJ | Ok |
| 17 | AR1248ICC500 | AR1248ICC500 | PP070010.D | 24 Feb 2025 18:46 | | YP\AJ | Ok |
| 18 | AR1248ICC250 | AR1248ICC250 | PP070011.D | 24 Feb 2025 19:03 | | YP\AJ | Ok |

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**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP022425

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 2/25/2025 9:00:36 AM | | |
| Supervise By | Ankita | Supervise On | 2/25/2025 9:48:29 AM | | |
| SubDirectory | PP022425 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | AR1248ICC050 | AR1248ICC050 | PP070012.D | 24 Feb 2025 19:19 | | YP\AJ | Ok,M |
| 20 | AR1254ICC1000 | AR1254ICC1000 | PP070013.D | 24 Feb 2025 19:35 | | YP\AJ | Ok,M |
| 21 | AR1254ICC750 | AR1254ICC750 | PP070014.D | 24 Feb 2025 19:51 | | YP\AJ | Ok,M |
| 22 | AR1254ICC500 | AR1254ICC500 | PP070015.D | 24 Feb 2025 20:08 | | YP\AJ | Ok |
| 23 | AR1254ICC250 | AR1254ICC250 | PP070016.D | 24 Feb 2025 20:24 | | YP\AJ | Ok |
| 24 | AR1254ICC050 | AR1254ICC050 | PP070017.D | 24 Feb 2025 20:40 | | YP\AJ | Ok,M |
| 25 | AR1262ICC500 | AR1262ICC500 | PP070018.D | 24 Feb 2025 20:56 | | YP\AJ | Ok |
| 26 | AR1268ICC1000 | AR1268ICC1000 | PP070019.D | 24 Feb 2025 21:12 | | YP\AJ | Ok |
| 27 | AR1268ICC750 | AR1268ICC750 | PP070020.D | 24 Feb 2025 21:29 | | YP\AJ | Ok,M |
| 28 | AR1268ICC500 | AR1268ICC500 | PP070021.D | 24 Feb 2025 21:45 | | YP\AJ | Ok |
| 29 | AR1268ICC250 | AR1268ICC250 | PP070022.D | 24 Feb 2025 22:01 | | YP\AJ | Ok,M |
| 30 | AR1268ICC050 | AR1268ICC050 | PP070023.D | 24 Feb 2025 22:17 | | YP\AJ | Ok,M |
| 31 | PP022425ICV500 | ICVPP022425 | PP070024.D | 24 Feb 2025 22:34 | | YP\AJ | Ok |
| 32 | AR1242ICV500 | ICVPP022425AR1242 | PP070025.D | 24 Feb 2025 22:50 | | YP\AJ | Ok |
| 33 | AR1248ICV500 | ICVPP022425AR1248 | PP070026.D | 24 Feb 2025 23:06 | | YP\AJ | Ok |
| 34 | AR1254ICV500 | ICVPP022425AR1254 | PP070027.D | 24 Feb 2025 23:22 | | YP\AJ | Ok |
| 35 | AR1268ICV500 | ICVPP022425AR1268 | PP070028.D | 24 Feb 2025 23:38 | | YP\AJ | Ok |

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**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP030625

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/6/2025 10:54:36 AM | | |
| Supervise By | mohammad | Supervise On | 3/8/2025 4:33:30 AM | | |
| SubDirectory | PP030625 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | HEXANE | HEXANE | PP070294.D | 06 Mar 2025 09:16 | | YP\AJ | Ok |
| 2 | AR1660CCC500 | AR1660CCC500 | PP070295.D | 06 Mar 2025 09:51 | | YP\AJ | Ok |
| 3 | AR1242CCC500 | AR1242CCC500 | PP070296.D | 06 Mar 2025 10:09 | | YP\AJ | Ok,M |
| 4 | AR1248CCC500 | AR1248CCC500 | PP070297.D | 06 Mar 2025 10:25 | | YP\AJ | Ok |
| 5 | AR1254CCC500 | AR1254CCC500 | PP070298.D | 06 Mar 2025 10:41 | | YP\AJ | Ok,M |
| 6 | I.BLK | I.BLK | PP070299.D | 06 Mar 2025 11:02 | | YP\AJ | Ok |
| 7 | PB167010BL | PB167010BL | PP070300.D | 06 Mar 2025 12:21 | | YP\AJ | Ok |
| 8 | PB167010BS | PB167010BS | PP070301.D | 06 Mar 2025 12:37 | | YP\AJ | Ok |
| 9 | Q1490-01 | CLAY-SLUDGE-DRUM | PP070302.D | 06 Mar 2025 12:53 | AR1260 Hit | YP\AJ | Ok,M |
| 10 | Q1494-02 | ASPHALT | PP070303.D | 06 Mar 2025 13:10 | | YP\AJ | Ok,M |
| 11 | Q1494-03 | ASPHALT-SOIL | PP070304.D | 06 Mar 2025 13:26 | | YP\AJ | Ok |
| 12 | Q1494-05 | SOIL | PP070305.D | 06 Mar 2025 13:42 | | YP\AJ | Ok |
| 13 | Q1494-07 | SOIL-COMP | PP070306.D | 06 Mar 2025 13:59 | | YP\AJ | Ok |
| 14 | Q1497-07MS | Q1497-07MS | PP070307.D | 06 Mar 2025 14:15 | | YP\AJ | Ok,M |
| 15 | Q1494-07MSD | SOIL-COMPMSD | PP070308.D | 06 Mar 2025 14:31 | | YP\AJ | Ok,M |
| 16 | AR1660CCC500 | AR1660CCC500 | PP070309.D | 06 Mar 2025 15:31 | | YP\AJ | Ok |
| 17 | AR1242CCC500 | AR1242CCC500 | PP070310.D | 06 Mar 2025 15:47 | | YP\AJ | Ok,M |
| 18 | AR1248CCC500 | AR1248CCC500 | PP070311.D | 06 Mar 2025 16:06 | | YP\AJ | Ok,M |

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**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP030625

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/6/2025 10:54:36 AM | | |
| Supervise By | mohammad | Supervise On | 3/8/2025 4:33:30 AM | | |
| SubDirectory | PP030625 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | AR1254CCC500 | AR1254CCC500 | PP070312.D | 06 Mar 2025 16:22 | | YP\AJ | Ok,M |
| 20 | I.BLK | I.BLK | PP070313.D | 06 Mar 2025 16:38 | | YP\AJ | Ok |
| 21 | PB167005BL | PB167005BL | PP070314.D | 06 Mar 2025 16:55 | | YP\AJ | Ok |
| 22 | PB167005BS | PB167005BS | PP070315.D | 06 Mar 2025 17:11 | | YP\AJ | Ok,M |
| 23 | Q1472-01 | 40308 | PP070316.D | 06 Mar 2025 17:27 | TCMX High in both column, NEED clean up | YP\AJ | Not Ok |
| 24 | PB167022BL | PB167022BL | PP070317.D | 06 Mar 2025 17:43 | | YP\AJ | Ok |
| 25 | Q1434-10 | K084-7C | PP070318.D | 06 Mar 2025 18:00 | AR1254 + AR1268 Hit, Need dilution 2X | YP\AJ | Dilution |
| 26 | Q1436-02 | K084-8B | PP070319.D | 06 Mar 2025 18:16 | AR1254 + AR1268 Hit, Need dilution 2X | YP\AJ | Dilution |
| 27 | Q1436-03 | K084-8C | PP070320.D | 06 Mar 2025 18:32 | AR1254 + AR1268 Hit | YP\AJ | Ok,M |
| 28 | Q1436-05 | K084-9B | PP070321.D | 06 Mar 2025 18:48 | AR1254 + AR1268 Hit, | YP\AJ | Ok,M |
| 29 | Q1436-06 | K084-9C | PP070322.D | 06 Mar 2025 19:05 | AR1254 + AR1268 Hit, | YP\AJ | Ok,M |
| 30 | Q1436-08 | K084-10B | PP070323.D | 06 Mar 2025 19:21 | AR1254 + AR1268 Hit, Need dilution , 2X,10X DCB High in both column | YP\AJ | Dilution |
| 31 | AR1660CCC500 | AR1660CCC500 | PP070324.D | 06 Mar 2025 20:20 | | YP\AJ | Ok |
| 32 | AR1242CCC500 | AR1242CCC500 | PP070325.D | 06 Mar 2025 20:53 | | YP\AJ | Ok,M |
| 33 | AR1248CCC500 | AR1248CCC500 | PP070326.D | 06 Mar 2025 21:09 | | YP\AJ | Ok,M |
| 34 | AR1254CCC500 | AR1254CCC500 | PP070327.D | 06 Mar 2025 21:25 | | YP\AJ | Ok,M |
| 35 | I.BLK | I.BLK | PP070328.D | 06 Mar 2025 21:58 | | YP\AJ | Ok,M |
| 36 | Q1436-09 | K084-10C | PP070329.D | 06 Mar 2025 22:14 | AR1254 + AR1268 Hit, | YP\AJ | Ok,M |

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**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP030625

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/6/2025 10:54:36 AM | | |
| Supervise By | mohammad | Supervise On | 3/8/2025 4:33:30 AM | | |
| SubDirectory | PP030625 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 37 | Q1437-01 | K084-11B | PP070330.D | 06 Mar 2025 22:30 | AR1254 + AR1268 Hit, Need dilution 20X | YP\AJ | Dilution |
| 38 | Q1437-04 | K084-12B | PP070331.D | 06 Mar 2025 22:47 | AR1254 + AR1268 Hit, Need dilution,2X,20X DCB High in both column | YP\AJ | Dilution |
| 39 | AR1660CCC500 | AR1660CCC500 | PP070332.D | 06 Mar 2025 23:46 | | YP\AJ | Ok |
| 40 | AR1242CCC500 | AR1242CCC500 | PP070333.D | 07 Mar 2025 00:18 | | YP\AJ | Ok,M |
| 41 | AR1248CCC500 | AR1248CCC500 | PP070334.D | 07 Mar 2025 00:34 | | YP\AJ | Ok,M |
| 42 | AR1254CCC500 | AR1254CCC500 | PP070335.D | 07 Mar 2025 00:51 | | YP\AJ | Ok,M |
| 43 | I.BLK | I.BLK | PP070336.D | 07 Mar 2025 01:23 | | YP\AJ | Ok |

M : Manual Integration

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**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP030725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/7/2025 1:29:40 PM | | |
| Supervise By | Ankita | Supervise On | 3/10/2025 11:00:00 AM | | |
| SubDirectory | PP030725 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | HEXANE | HEXANE | PP070337.D | 07 Mar 2025 08:41 | | YP\AJ | Ok |
| 2 | AR1660CCC500 | AR1660CCC500 | PP070338.D | 07 Mar 2025 08:57 | | YP\AJ | Ok |
| 3 | I.BLK | I.BLK | PP070339.D | 07 Mar 2025 09:15 | | YP\AJ | Ok |
| 4 | Q1434-10DL | K084-7CDL | PP070340.D | 07 Mar 2025 09:32 | AR1254 + AR1268 Hit | YP\AJ | Ok,M |
| 5 | Q1436-02DL | K084-8BDL | PP070341.D | 07 Mar 2025 09:48 | AR1254 + AR1268 Hit | YP\AJ | Ok,M |
| 6 | Q1436-08DL | K084-10BDL | PP070342.D | 07 Mar 2025 10:04 | AR1254 + AR1268 Hit, Need dilution | YP\AJ | Dilution |
| 7 | Q1436-08DL2 | K084-10BDL2 | PP070343.D | 07 Mar 2025 10:20 | AR1254 + AR1268 Hit | YP\AJ | Ok,M |
| 8 | AR1660CCC500 | AR1660CCC500 | PP070344.D | 07 Mar 2025 10:58 | | YP\AJ | Ok |
| 9 | AR1242CCC500 | AR1242CCC500 | PP070345.D | 07 Mar 2025 11:14 | | YP\AJ | Ok |
| 10 | AR1248CCC500 | AR1248CCC500 | PP070346.D | 07 Mar 2025 11:31 | | YP\AJ | Ok |
| 11 | AR1254CCC500 | AR1254CCC500 | PP070347.D | 07 Mar 2025 11:47 | | YP\AJ | Ok,M |
| 12 | I.BLK | I.BLK | PP070348.D | 07 Mar 2025 12:03 | | YP\AJ | Ok |
| 13 | PB167005BL | PB167005BL | PP070349.D | 07 Mar 2025 12:19 | | YP\AJ | Ok |
| 14 | Q1472-01 | 40308 | PP070350.D | 07 Mar 2025 12:36 | TCMX High 2nd column | YP\AJ | Ok,M |
| 15 | Q1437-01DL | K084-11BDL | PP070351.D | 07 Mar 2025 12:52 | AR1254 + AR1268 Hit, DCB High in both column, TCMX high in 2nd column | YP\AJ | Ok,M |
| 16 | Q1437-04DL | K084-12BDL | PP070352.D | 07 Mar 2025 13:08 | AR1254 + AR1268 Hit, Need dilution 20x | YP\AJ | Dilution |
| | | | | | | | |

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

**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP030725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/7/2025 1:29:40 PM | | |
| Supervise By | Ankita | Supervise On | 3/10/2025 11:00:00 AM | | |
| SubDirectory | PP030725 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | Q1437-04DL2 | K084-12BDL2 | PP070353.D | 07 Mar 2025 13:24 | AR1254 + AR1268 Hit, All Surrogate High | YP\AJ | Ok,M |
| 18 | PB167029BL | PB167029BL | PP070354.D | 07 Mar 2025 13:41 | | YP\AJ | Ok |
| 19 | PB167029BS | PB167029BS | PP070355.D | 07 Mar 2025 13:57 | | YP\AJ | Ok |
| 20 | Q1437-02 | K084-11C | PP070356.D | 07 Mar 2025 14:13 | AR1254 + AR1268 Hit, | YP\AJ | Ok,M |
| 21 | Q1437-05 | K084-12C | PP070357.D | 07 Mar 2025 14:29 | AR1254 + AR1268 Hit | YP\AJ | Ok |
| 22 | Q1437-08 | K084-13C | PP070358.D | 07 Mar 2025 14:46 | AR1254 + AR1268 Hit | YP\AJ | Ok,M |
| 23 | AR1660CCC500 | AR1660CCC500 | PP070359.D | 07 Mar 2025 15:45 | | YP\AJ | Ok |
| 24 | AR1242CCC500 | AR1242CCC500 | PP070360.D | 07 Mar 2025 16:01 | | YP\AJ | Ok,M |
| 25 | AR1248CCC500 | AR1248CCC500 | PP070361.D | 07 Mar 2025 16:18 | | YP\AJ | Ok,M |
| 26 | AR1254CCC500 | AR1254CCC500 | PP070362.D | 07 Mar 2025 16:34 | | YP\AJ | Ok,M |
| 27 | I.BLK | I.BLK | PP070363.D | 07 Mar 2025 16:50 | | YP\AJ | Ok |
| 28 | Q1438-01 | K084-14C | PP070364.D | 07 Mar 2025 17:06 | AR1254 + AR1268 Hit | YP\AJ | Ok,M |
| 29 | Q1438-09 | K084-DUP4 | PP070365.D | 07 Mar 2025 17:23 | AR1254 Hit | YP\AJ | Ok,M |
| 30 | Q1507-01 | 50-MIDDLESEX-AVE | PP070366.D | 07 Mar 2025 17:39 | AR1254 Hit | YP\AJ | Ok,M |
| 31 | Q1508-01 | RBR251372 | PP070367.D | 07 Mar 2025 17:55 | AR1254 Hit | YP\AJ | Ok,M |
| 32 | Q1508-01MS | RBR251372MS | PP070368.D | 07 Mar 2025 18:11 | | YP\AJ | Ok,M |
| 33 | Q1508-01MSD | RBR251372MSD | PP070369.D | 07 Mar 2025 18:27 | | YP\AJ | Ok,M |
| 34 | Q1514-01 | ENV-105-SB01 | PP070370.D | 07 Mar 2025 18:44 | | YP\AJ | Ok |
| 35 | Q1514-03 | ENV-105-SB02 | PP070371.D | 07 Mar 2025 19:00 | | YP\AJ | Ok,M |

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

**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP030725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 3/7/2025 1:29:40 PM | | |
| Supervise By | Ankita | Supervise On | 3/10/2025 11:00:00 AM | | |
| SubDirectory | PP030725 | HP Acquire Method | | HP Processing Method | PP022425 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 36 | Q1514-05 | ENV-103-SB01 | PP070372.D | 07 Mar 2025 19:16 | AR1254 + AR1260 Hit | YP\AJ | Ok,M |
| 37 | Q1515-01 | AU-06-030625 | PP070373.D | 07 Mar 2025 19:32 | | YP\AJ | Ok,M |
| 38 | AR1660CCC500 | AR1660CCC500 | PP070374.D | 07 Mar 2025 20:32 | | YP\AJ | Ok,M |
| 39 | AR1242CCC500 | AR1242CCC500 | PP070375.D | 07 Mar 2025 20:48 | | YP\AJ | Ok,M |
| 40 | AR1248CCC500 | AR1248CCC500 | PP070376.D | 07 Mar 2025 21:04 | | YP\AJ | Ok,M |
| 41 | AR1254CCC500 | AR1254CCC500 | PP070377.D | 07 Mar 2025 21:21 | | YP\AJ | Ok,M |
| 42 | I.BLK | I.BLK | PP070378.D | 07 Mar 2025 21:37 | | YP\AJ | Ok,M |
| 43 | Q1516-01 | GAS-AUD-25-0004 | PP070379.D | 07 Mar 2025 21:53 | AR1254 Hit | YP\AJ | Ok,M |
| 44 | Q1516-02 | GAS-AUD-25-0025 | PP070380.D | 07 Mar 2025 22:09 | | YP\AJ | Ok,M |
| 45 | Q1518-01 | OILY-DEBRIS-COMP | PP070381.D | 07 Mar 2025 22:26 | | YP\AJ | Ok |
| 46 | Q1510-01 | FMC-25-0001-0005 | PP070382.D | 07 Mar 2025 22:42 | DCB High in 2nd column | YP\AJ | Ok,M |
| 47 | Q1510-02 | FMC-25-0006 | PP070383.D | 07 Mar 2025 22:58 | DCB High in 2nd column, | YP\AJ | Ok,M |
| 48 | AR1660CCC500 | AR1660CCC500 | PP070384.D | 07 Mar 2025 23:58 | | YP\AJ | Ok |
| 49 | AR1242CCC500 | AR1242CCC500 | PP070385.D | 08 Mar 2025 00:14 | | YP\AJ | Ok,M |
| 50 | AR1248CCC500 | AR1248CCC500 | PP070386.D | 08 Mar 2025 00:30 | | YP\AJ | Ok,M |
| 51 | AR1254CCC500 | AR1254CCC500 | PP070387.D | 08 Mar 2025 00:46 | | YP\AJ | Ok |
| 52 | I.BLK | I.BLK | PP070388.D | 08 Mar 2025 01:03 | | YP\AJ | Ok |

M : Manual Integration

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 2/28/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:30
**In Date:** 02/27/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 103
**Time OUT:** 08:27
**Out Date:** 02/28/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID- OVEN

**QC:** LB134830

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q1433-01 | K084-1A | 1 | 1.14 | 8.53 | 9.67 | 8.22 | 83.0 | |
| Q1433-02 | K084-1B | 2 | 1.15 | 8.57 | 9.72 | 4.33 | 37.1 | |
| Q1433-04 | K084-2A | 3 | 1.15 | 8.50 | 9.65 | 9.3 | 95.9 | |
| Q1433-05 | K084-2B | 4 | 1.16 | 8.76 | 9.92 | 8.54 | 84.2 | |
| Q1433-07 | K084-3A | 5 | 1.12 | 8.51 | 9.63 | 8.98 | 92.4 | |
| Q1433-08 | K084-3B | 6 | 1.16 | 8.76 | 9.92 | 7.93 | 77.3 | |
| Q1433-10 | K084-4A | 7 | 1.14 | 8.64 | 9.78 | 8.67 | 87.2 | |
| Q1434-01 | K084-4B | 8 | 1.16 | 8.71 | 9.87 | 7.42 | 71.9 | |
| Q1434-03 | K084-5A | 9 | 1.15 | 8.36 | 9.51 | 8.86 | 92.2 | |
| Q1434-04 | K084-5B | 10 | 1.15 | 8.74 | 9.89 | 8.3 | 81.8 | |
| Q1434-06 | K084-6B | 11 | 1.16 | 8.63 | 9.79 | 7.2 | 70.0 | |
| Q1434-08 | K084-7A | 12 | 1.19 | 8.66 | 9.85 | 8.36 | 82.8 | |
| Q1434-09 | K084-7B | 13 | 1.15 | 8.83 | 9.98 | 7.3 | 69.6 | |
| Q1436-01 | K084-8A | 14 | 1.17 | 8.58 | 9.75 | 8.31 | 83.2 | |
| Q1436-04 | K084-9A | 15 | 1.16 | 8.44 | 9.6 | 7.74 | 78.0 | |
| Q1436-07 | K084-10A | 16 | 1.19 | 8.46 | 9.65 | 8.28 | 83.8 | |
| Q1436-10 | K084-11A | 17 | 1.18 | 8.43 | 9.61 | 8.78 | 90.2 | |
| Q1437-03 | K084-12A | 18 | 1.16 | 8.72 | 9.88 | 7.66 | 74.5 | |
| Q1437-06 | K084-13A | 19 | 1.19 | 8.43 | 9.62 | 7.93 | 80.0 | |
| Q1437-09 | K084-14A | 20 | 1.15 | 8.69 | 9.84 | 7.89 | 77.6 | |
| Q1437-09D | K084-14ADUP | 21 | 1.16 | 8.70 | 9.86 | 7.9 | 77.5 | |
| Q1438-02 | K084-15B | 22 | 1.12 | 8.70 | 9.82 | 7.54 | 73.8 | |
| Q1438-04 | K084-16B | 23 | 1.16 | 8.40 | 9.56 | 7.77 | 78.7 | |
| Q1438-06 | K084-DUP1 | 24 | 1.55 | 8.00 | 9.55 | 8.16 | 82.6 | |
| Q1438-07 | K084-DUP2 | 25 | 1.16 | 8.75 | 9.91 | 7.07 | 67.5 | |
| Q1438-08 | K084-DUP3 | 26 | 1.13 | 8.48 | 9.61 | 8.29 | 84.4 | |
| Q1438-10 | K084-DUP5 | 27 | 1.15 | 8.81 | 9.96 | 8.18 | 79.8 | |
| Q1451-01 | VNJ208 | 48 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | CONCRETE sample |

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 2/28/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:30
**In Date:** 02/27/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 103
**Time OUT:** 08:27
**Out Date:** 02/28/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID- OVEN

**QC:** LB134830

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q1453-01 | MOO-25-0061 | 28 | 1.17 | 8.53 | 9.7 | 9.24 | 94.6 | |
| Q1454-03 | LAW-25-0043 | 47 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oil sample |
| Q1457-01 | HR-0-02272025 | 29 | 1.15 | 8.40 | 9.55 | 9.02 | 93.7 | |
| Q1457-02 | HR-0-02272025-E2 | 30 | 1.17 | 8.59 | 9.76 | 9.19 | 93.4 | |
| Q1458-01 | SP-SOIL | 31 | 1.15 | 8.79 | 9.94 | 8.92 | 88.4 | |
| Q1458-02 | SP-SOIL-VOC | 32 | 1.13 | 8.67 | 9.8 | 9.33 | 94.6 | |
| Q1460-01 | 60270 | 33 | 1.15 | 8.48 | 9.63 | 9.39 | 97.2 | |
| Q1461-01 | KMH391J-1-1 | 34 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oilc |
| Q1461-02 | KMH391J-1-2 | 35 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oilc |
| Q1463-01 | TP1 | 36 | 1.12 | 8.70 | 9.82 | 9.31 | 94.1 | |
| Q1463-02 | TP2 | 37 | 1.13 | 8.70 | 9.83 | 9.35 | 94.5 | |
| Q1463-03 | TP3 | 38 | 1.18 | 8.37 | 9.55 | 8.69 | 89.7 | |
| Q1463-04 | TP4 | 39 | 1.15 | 8.60 | 9.75 | 9.16 | 93.1 | |
| Q1463-05 | TP5 | 40 | 1.13 | 8.44 | 9.57 | 8.89 | 91.9 | |
| Q1463-05D | TP5DUP | 41 | 1.14 | 8.45 | 9.59 | 8.9 | 91.8 | |
| Q1463-06 | TP6 | 42 | 1.13 | 8.68 | 9.81 | 9.34 | 94.6 | |
| Q1463-07 | TP7 | 43 | 1.16 | 8.56 | 9.72 | 9.22 | 94.2 | |
| Q1463-08 | TP8 | 44 | 1.15 | 8.82 | 9.97 | 9.37 | 93.2 | |
| Q1463-09 | TP9 | 45 | 1.15 | 8.67 | 9.82 | 9.26 | 93.5 | |
| Q1463-10 | TP10 | 46 | 1.13 | 8.86 | 9.99 | 9.35 | 92.8 | |
| Q1464-01 | COMP-1 | 49 | 1.13 | 8.64 | 9.77 | 5.87 | 54.9 | |
| Q1464-02 | COMP-2 | 50 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | debris |
| Q1464-03 | KMA920X-1-1 | 51 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oilc |
| Q1464-04 | KMA920X-1-2 | 52 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oilc |
| Q1465-01 | ST-OILY-DEBRIS | 53 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | debris |
| Q1465-02 | W11-6327 | 54 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oil sample |

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

# WORKLIST(Hardcopy Internal Chain)

1361830

**WorkList Name :** %1-022725 **WorkList ID :** 187919 **Department :** Wet-Chemistry **Date :** 02-27-2025 08:22:47

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q1463-01 | TP1 | Solid | Percent Solids | Cool 4 deg C | GENV01 | H31 | 02/27/2025 | Chemtech -SO |
| Q1463-02 | TP2 | Solid | Percent Solids | Cool 4 deg C | GENV01 | H31 | 02/27/2025 | Chemtech -SO |
| Q1463-03 | TP3 | Solid | Percent Solids | Cool 4 deg C | GENV01 | H31 | 02/27/2025 | Chemtech -SO |
| Q1463-04 | TP4 | Solid | Percent Solids | Cool 4 deg C | GENV01 | H31 | 02/27/2025 | Chemtech -SO |
| Q1463-05 | TP5 | Solid | Percent Solids | Cool 4 deg C | GENV01 | H31 | 02/27/2025 | Chemtech -SO |
| Q1463-06 | TP6 | Solid | Percent Solids | Cool 4 deg C | GENV01 | H31 | 02/27/2025 | Chemtech -SO |
| Q1463-07 | TP7 | Solid | Percent Solids | Cool 4 deg C | GENV01 | H31 | 02/27/2025 | Chemtech -SO |
| Q1463-08 | TP8 | Solid | Percent Solids | Cool 4 deg C | GENV01 | H31 | 02/27/2025 | Chemtech -SO |
| Q1463-09 | TP9 | Solid | Percent Solids | Cool 4 deg C | GENV01 | H31 | 02/27/2025 | Chemtech -SO |
| Q1463-10 | TP10 | Solid | Percent Solids | Cool 4 deg C | GENV01 | H31 | 02/27/2025 | Chemtech -SO |
| Q1433-01 | K084-1A | Solid | Percent Solids | Cool 4 deg C | GENV01 | H31 | 02/27/2025 | Chemtech -SO |
| Q1433-02 | K084-1B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1433-04 | K084-2A | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1433-05 | K084-2B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1433-07 | K084-3A | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1433-08 | K084-3B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1438-08 | K084-DUP3 | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1438-10 | K084-DUP5 | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1437-06 | K084-13A | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1437-09 | K084-14A | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1438-02 | K084-15B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |

**Date/Time** 02/27/25 16:15

**Raw Sample Received by:** JP WRC

**Raw Sample Relinquished by:** [signature]

**Date/Time** 02/27/25 17:35

**Raw Sample Received by:** [signature]

**Raw Sample Relinquished by:** JP WRC

# WORKLIST(Hardcopy Internal Chain)

VB 134830

**WorkList Name :** %1-022725 **WorkList ID :** 187919 **Department :** Wet-Chemistry **Date :** 02-27-2025 08:22:47

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q1438-04 | K084-16B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1438-06 | K084-DUP1 | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1438-07 | K084-DUP2 | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1434-09 | K084-7B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1436-01 | K084-8A | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1436-04 | K084-9A | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1436-07 | K084-10A | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1436-10 | K084-11A | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1437-03 | K084-12A | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1433-10 | K084-4A | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1434-01 | K084-4B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1434-03 | K084-5A | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1434-04 | K084-5B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1434-06 | K084-6B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1434-08 | K084-7A | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1451-01 | VNJ208 | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1453-01 | MOO-25-0061 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | H41 | 02/27/2025 | Chemtech -SO |
| Q1454-03 | LAW-25-0043 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | Chemtech -SO |
| Q1458-01 | SP-SOIL | Solid | Percent Solids | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | Chemtech -SO |
| Q1458-02 | SP-SOIL-VOC | Solid | Percent Solids | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | Chemtech -SO |
| Q1460-01 | 60270 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | Chemtech -SO |

**Date/Time** 02/27/25 16:15

**Raw Sample Received by:** JP WOC

**Raw Sample Relinquished by:**

**Date/Time** 02/27/25 17:35

**Raw Sample Received by:**

**Raw Sample Relinquished by:** JP WOC

# WORKLIST(Hardcopy Internal Chain)

VB 134830

**WorkList Name :** %1-022725 **WorkList ID :** 187919 **Department :** Wet-Chemistry **Date :** 02-27-2025 08:22:47

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q1465-01 | ST-OILY-DEBRIS | Solid | Percent Solids | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | Chemtech -SO |
| Q1465-02 | W11-6327 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | Chemtech -SO |
| Q1461-01 | KMH391J-1-1 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | Chemtech -SO |
| Q1461-02 | KMH391J-1-2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | Chemtech -SO |
| Q1464-01 | COMP-1 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | Chemtech -SO |
| Q1464-02 | COMP-2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | Chemtech -SO |
| Q1464-03 | KMA920X-1-1 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | Chemtech -SO |
| Q1464-04 | KMA920X-1-2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | Chemtech -SO |
| Q1457-01 | HR-0-02272025 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | Chemtech -SO |
| Q1457-02 | HR-0-02272025-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG05 | H31 | 02/27/2025 | Chemtech -SO |

**Date/Time** 02/27/25 16:15

**Raw Sample Received by:** [illegible] (WPC)

**Raw Sample Relinquished by:** [illegible]



**Date/Time** 02/27/25 17:35

**Raw Sample Received by:** [illegible]

**Raw Sample Relinquished by:** [illegible] (WPC)

# WORKLIST(Hardcopy Internal Chain)

UB

**WorkList Name :** corrosivity q1464 **WorkList ID :** 187947 **Department :** Wet-Chemistry **Date :** 02-28-2025 07:38:52

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q1442-01 | 280 | Solid | Corrosivity | Cool 4 deg C | PSEG03 | N31 | 02/26/2025 | 9045D |
| Q1442-02 | 281 | Solid | Corrosivity | Cool 4 deg C | PSEG03 | N31 | 02/26/2025 | 9045D |
| Q1443-01 | 3733 | Solid | Corrosivity | Cool 4 deg C | PSEG03 | H31 | 02/26/2025 | 9045D |
| Q1447-02 | WC1 | Solid | Corrosivity | Cool 4 deg C | GENV01 | H33 | 02/23/2025 | 9045D |
| Q1453-01 | MOO-25-0061 | Solid | Corrosivity | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | 9045D |
| Q1458-03 | SP-SOIL | Solid | Corrosivity | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | 9045D |
| Q1464-01 | COMP-1 | Solid | Corrosivity | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | 9045D |
| Q1464-02 | COMP-2 | Solid | Corrosivity | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | 9045D |
| Q1465-01 | ST-OILY-DEBRIS | Solid | Corrosivity | Cool 4 deg C | PSEG03 | H31 | 02/27/2025 | 9045D |

**Date/Time** 02/28/25

**Raw Sample Received by:** JR WOC

**Raw Sample Relinquished by:** CP SM



**Date/Time** 02/28/25

**Raw Sample Received by:** CP SM

**Raw Sample Relinquished by:** JR WOC

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 3/7/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:30
**In Date:** 03/06/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 103
**Time OUT:** 08:41
**Out Date:** 03/07/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID- OVEN

**QC:** LB134919

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q1433-03 | K084-1C | 1 | 1.12 | 8.76 | 9.88 | 5.68 | 52.1 | |
| Q1433-06 | K084-2C | 2 | 1.15 | 8.48 | 9.63 | 7.29 | 72.4 | |
| Q1433-09 | K084-3C | 3 | 1.15 | 8.80 | 9.95 | 7.89 | 76.6 | |
| Q1434-02 | K084-4C | 4 | 1.15 | 8.62 | 9.77 | 7.38 | 72.3 | |
| Q1434-05 | K084-5C | 5 | 1.16 | 8.81 | 9.97 | 8.68 | 85.4 | |
| Q1434-07 | K084-6C | 6 | 1.12 | 8.70 | 9.82 | 7.49 | 73.2 | |
| Q1434-10 | K084-7C | 7 | 1.12 | 8.76 | 9.88 | 7.23 | 69.7 | |
| Q1436-02 | K084-8B | 8 | 1.17 | 8.80 | 9.97 | 8.01 | 77.7 | |
| Q1436-03 | K084-8C | 9 | 1.16 | 8.82 | 9.98 | 7.63 | 73.4 | |
| Q1436-05 | K084-9B | 10 | 1.16 | 8.82 | 9.98 | 7.12 | 67.6 | |
| Q1436-06 | K084-9C | 11 | 1.16 | 8.67 | 9.83 | 6.26 | 58.8 | |
| Q1436-08 | K084-10B | 12 | 1.16 | 8.57 | 9.73 | 7.16 | 70.0 | |
| Q1436-09 | K084-10C | 13 | 1.16 | 8.80 | 9.96 | 6.66 | 62.5 | |
| Q1437-01 | K084-11B | 14 | 1.13 | 8.80 | 9.93 | 7.54 | 72.8 | |
| Q1437-02 | K084-11C | 15 | 1.15 | 8.82 | 9.97 | 6.59 | 61.7 | |
| Q1437-04 | K084-12B | 16 | 1.13 | 8.74 | 9.87 | 7.61 | 74.1 | |
| Q1437-05 | K084-12C | 17 | 1.15 | 8.82 | 9.97 | 7.03 | 66.7 | |
| Q1437-07 | K084-13B | 18 | 1.19 | 8.72 | 9.91 | 7.45 | 71.8 | |
| Q1437-08 | K084-13C | 19 | 1.16 | 8.45 | 9.61 | 6.95 | 68.5 | |
| Q1437-10 | K084-14B | 20 | 1.16 | 8.80 | 9.96 | 7.03 | 66.7 | |
| Q1438-01 | K084-14C | 21 | 1.15 | 8.62 | 9.77 | 7.03 | 68.2 | |
| Q1438-03 | K084-15C | 22 | 1.14 | 8.80 | 9.94 | 7.71 | 74.7 | |
| Q1438-05 | K084-16C | 23 | 1.19 | 8.53 | 9.72 | 7.56 | 74.7 | |
| Q1438-09 | K084-DUP4 | 24 | 1.18 | 8.81 | 9.99 | 6.93 | 65.3 | |
| Q1507-01 | 50-MIDDLESEX-AVE | 25 | 1.15 | 8.83 | 9.98 | 8.92 | 88.0 | |
| Q1507-02 | 50-MIDDLESEX-AVE-E2 | 26 | 1.15 | 8.80 | 9.95 | 8.41 | 82.5 | |
| Q1508-01 | RBR251372 | 27 | 1.12 | 8.87 | 9.99 | 7.42 | 71.0 | |
| Q1508-02 | RBR251372-E2 | 28 | 1.19 | 8.75 | 9.94 | 7.76 | 75.1 | |

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 3/7/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:30
**In Date:** 03/06/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 103
**Time OUT:** 08:41
**Out Date:** 03/07/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID- OVEN

**QC:** LB134919

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q1509-01 | HIH088X-1-1 | 29 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oilc |
| Q1509-02 | HIH088X-1-2 | 30 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oilc |
| Q1510-01 | FMC-25-0001-0005 | 31 | 1.16 | 8.50 | 9.66 | 7.99 | 80.4 | |
| Q1510-02 | FMC-25-0006 | 32 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oil sample |
| Q1514-01 | ENV-105-SB01 | 39 | 1.15 | 8.84 | 9.99 | 9.25 | 91.6 | |
| Q1514-03 | ENV-105-SB02 | 40 | 1.13 | 8.84 | 9.97 | 8.29 | 81.0 | |
| Q1514-05 | ENV-103-SB01 | 41 | 1.14 | 8.81 | 9.95 | 8.99 | 89.1 | |
| Q1515-01 | AU-06-030625 | 42 | 1.15 | 8.81 | 9.96 | 8.88 | 87.7 | |
| Q1515-02 | AU-06-030625-E2 | 43 | 1.16 | 8.82 | 9.98 | 8.62 | 84.6 | |
| Q1516-01 | GAS-AUD-25-0004 | 44 | 1.17 | 8.58 | 9.75 | 9.24 | 94.1 | |
| Q1516-02 | GAS-AUD-25-0025 | 45 | 1.16 | 8.68 | 9.84 | 9.7 | 98.4 | |
| Q1518-01 | OILY-DEBRIS-COMP | 46 | 1.15 | 8.83 | 9.98 | 9.29 | 92.2 | |
| Q1520-01 | BC248121-1-1 | 33 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oilc |
| Q1520-02 | BC248121-1-2 | 34 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oilc |
| Q1520-03 | BC260492-1-1 | 35 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oilc |
| Q1520-04 | BC260492-1-2 | 36 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oilc |
| Q1520-05 | JEH488H-1-1 | 37 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oilc |
| Q1520-06 | JEH488H-1-2 | 38 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oilc |

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

# WORKLIST(Hardcopy Internal Chain)

UB134919

**WorkList Name :** %1-030625 **WorkList ID :** 188063 **Department :** Wet-Chemistry **Date :** 03-06-2025 08:23:42

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q1433-03 | K084-1C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1433-06 | K084-2C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1433-09 | K084-3C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1434-02 | K084-4C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1434-05 | K084-5C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1434-07 | K084-6C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1434-10 | K084-7C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1436-02 | K084-8B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1436-03 | K084-8C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1436-05 | K084-9B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1436-06 | K084-9C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1436-08 | K084-10B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1436-09 | K084-10C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1437-01 | K084-11B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1437-02 | K084-11C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1437-04 | K084-12B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1437-05 | K084-12C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1437-07 | K084-13B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1437-08 | K084-13C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1437-10 | K084-14B | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1438-01 | K084-14C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |

**Date/Time** 03/06/26 16:10

**Raw Sample Received by:** JD WC)

**Raw Sample Relinquished by:** CR SM

**Date/Time** 03/06/26 17:40

**Raw Sample Received by:** CR SM

**Raw Sample Relinquished by:** JD WC

# WORKLIST(Hardcopy Internal Chain)

LB 134919

**WorkList Name :** %1-030625 **WorkList ID :** 188063 **Department :** Wet-Chemistry **Date :** 03-06-2025 08:23:42

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q1438-03 | K084-15C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1438-05 | K084-16C | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1438-09 | K084-DUP4 | Solid | Percent Solids | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | Chemtech -SO |
| Q1507-01 | 50-MIDDLESEX-AVE | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1507-02 | 50-MIDDLESEX-AVE-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1508-01 | RBR251372 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1508-02 | RBR251372-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1509-01 | HIH088X-1-1 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1509-02 | HIH088X-1-2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1510-01 | FMC-25-0001-0005 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1510-02 | FMC-25-0006 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1514-01 | ENV-105-SB01 | Solid | Percent Solids | Cool 4 deg C | PORT06 | I31 | 03/05/2025 | Chemtech -SO |
| Q1514-03 | ENV-105-SB02 | Solid | Percent Solids | Cool 4 deg C | PORT06 | I31 | 03/05/2025 | Chemtech -SO |
| Q1514-05 | ENV-103-SB01 | Solid | Percent Solids | Cool 4 deg C | PORT06 | I31 | 03/05/2025 | Chemtech -SO |
| Q1515-01 | AU-06-030625 | Solid | Percent Solids | Cool 4 deg C | PSEG05 | I21 | 03/06/2025 | Chemtech -SO |
| Q1515-02 | AU-06-030625-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG05 | I21 | 03/06/2025 | Chemtech -SO |
| Q1516-01 | GAS-AUD-25-0004 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1516-02 | GAS-AUD-25-0025 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1518-01 | OILY-DEBRIS-COMP | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1520-01 | BC248121-1-1 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1520-02 | BC248121-1-2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |

**Date/Time** 03/06/25 16:10 03/06/25

**Raw Sample Received by:** JC Curl

**Raw Sample Relinquished by:** CP SM

**Date/Time** 03/06/25 17:40

**Raw Sample Received by:** CP SM

**Raw Sample Relinquished by:** JC Curl

# WORKLIST(Hardcopy Internal Chain)

VB134919

**WorkList Name :** %1-030625 **WorkList ID :** 188063 **Department :** Wet-Chemistry **Date :** 03-06-2025 08:23:42

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q1520-03 | BC260492-1-1 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1520-04 | BC260492-1-2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1520-05 | JEH488H-1-1 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |
| Q1520-06 | JEH488H-1-2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | I21 | 03/06/2025 | Chemtech -SO |

**Date/Time** 03/06/25 16:20
**Raw Sample Received by:** JR CWC
**Raw Sample Relinquished by:** CP SM



**Date/Time** 03/06/25 17:40
**Raw Sample Received by:** CP SM
**Raw Sample Relinquished by:** JR CWC

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

PB166889

| | | | | | |
|---|---|---|---|---|---|
| **SOP ID:** | M3541-ASE Extraction-14 | | | | |
| **Clean Up SOP #:** | Acid Cleanup | | | **Extraction Start Date :** | 02/27/2025 |
| **Matrix :** | Solid | | | **Extraction Start Time :** | 09:15 |
| **Weigh By:** | EH | **Extraction By:** | RJ | **Extraction End Date :** | 02/27/2025 |
| **Balance check:** | RJ | **Filter By:** | RJ | **Extraction End Time :** | 12:25 |
| **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:** [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

| Standared Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---|---|---|---|
| Spike Sol 1 | 1.0ML | 5000 PPB | PP24093 |
| Surrogate | 1.0ML | 200 PPB | PP24123 |
| 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 | EP2583 |
| Baked Na2SO4 | N/A | EP2590 |
| Sand | N/A | E2865 |
| H2SO4 1:1 | N/A | EP2565 |
| Hexane | N/A | E3877 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

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

40 ML Vial lot# 03-40 BTS721.

| | | | |
|---|---|---|---|
| **KD Bath ID:** | 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 |
|---|---|---|
| 2/27/25 | RS (Ext Lab) | Y.P. Pest Lab |
| 12:30 | **Preparation Group** | **Analysis Group** |

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

**PrepBatch ID : PB166889**

**Analytical Method:** M3541-ASE Extraction-14

**Concentration Date:** 02/27/2025

| Sample ID | Client Sample ID | Test | g/mL | PH | Surr/Spike By: | | Final Vol. (mL) | JarID | Comments | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | AddedBy | VerifiedBy | | | | |
| PB166889BL | ABLK889 | PCB Group1 | 30.02 | N/A | ritesh | Evelyn | 10 | | | U6-1 |
| PB166889BS | ALCS889 | PCB Group1 | 30.03 | N/A | ritesh | Evelyn | 10 | | | 2 |
| Q1433-01 | K084-1A | PCB Group1 | 30.07 | N/A | ritesh | Evelyn | 10 | | | 3 |
| Q1433-02 | K084-1B | PCB Group1 | 30.03 | N/A | ritesh | Evelyn | 10 | | | 4 |
| Q1433-04 | K084-2A | PCB Group1 | 30.05 | N/A | ritesh | Evelyn | 10 | | | 5 |
| Q1433-05 | K084-2B | PCB Group1 | 30.06 | N/A | ritesh | Evelyn | 10 | | | 6 |
| Q1433-07 | K084-3A | PCB Group1 | 30.08 | N/A | ritesh | Evelyn | 10 | | | U3-1 |
| Q1433-08 | K084-3B | PCB Group1 | 30.02 | N/A | ritesh | Evelyn | 10 | | | 2 |
| Q1433-10 | K084-4A | PCB Group1 | 30.04 | N/A | ritesh | Evelyn | 10 | | | 3 |
| Q1434-01 | K084-4B | PCB Group1 | 30.07 | N/A | ritesh | Evelyn | 10 | | | 4 |
| Q1434-03 | K084-5A | PCB Group1 | 30.01 | N/A | ritesh | Evelyn | 10 | | | 5 |
| Q1434-03MS | KO84-5AMS | PCB Group1 | 30.06 | N/A | ritesh | Evelyn | 10 | | | 6 |
| Q1434-03MSD | KO84-5AMSD | PCB Group1 | 30.04 | N/A | ritesh | Evelyn | 10 | | | U7-1 |
| Q1434-04 | K084-5B | PCB Group1 | 30.02 | N/A | ritesh | Evelyn | 10 | | | 2 |
| Q1434-06 | K084-6B | PCB Group1 | 30.03 | N/A | ritesh | Evelyn | 10 | | | 3 |
| Q1434-08 | K084-7A | PCB Group1 | 30.08 | N/A | ritesh | Evelyn | 10 | | | 4 |
| Q1434-09 | K084-7B | PCB Group1 | 30.05 | N/A | ritesh | Evelyn | 10 | | | 5 |
| Q1436-01 | K084-8A | PCB Group1 | 30.02 | N/A | ritesh | Evelyn | 10 | | | 6 |
| Q1436-04 | K084-9A | PCB Group1 | 30.06 | N/A | ritesh | Evelyn | 10 | | | U2-1 |
| Q1436-07 | K084-10A | PCB Group1 | 30.01 | N/A | ritesh | Evelyn | 10 | | | 2 |
| Q1436-10 | K084-11A | PCB Group1 | 30.07 | N/A | ritesh | Evelyn | 10 | | | 3 |
| Q1437-03 | K084-12A | PCB Group1 | 30.03 | N/A | ritesh | Evelyn | 10 | | | 4 |
| Q1437-06 | K084-13A | PCB Group1 | 30.04 | N/A | ritesh | Evelyn | 10 | | | 5 |
| Q1437-09 | K084-14A | PCB Group1 | 30.09 | N/A | ritesh | Evelyn | 10 | | | 6 |

RS 2/27

* **Extracts relinquished on the same date as received.**

166859
9:15

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** Q1433 **WorkList ID :** 187922 **Department :** Extraction **Date :** 02-27-2025 08:40:45

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q1433-01 | KO84-1A | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1433-02 | KQ84-1B | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1433-04 | KQ84-2A | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1433-05 | KO84-2B | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1433-07 | KO84-3A | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1433-08 | KO84-3B | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1433-10 | KO84-4A | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1434-01 | KO84-4B | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1434-03 | KO84-5A | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1434-04 | KO84-5B | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1434-06 | KO84-6B | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1434-08 | KO84-7A | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1434-09 | KO84-7B | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1436-01 | KO84-8A | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1436-04 | KO84-9A | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1436-07 | KO84-10A | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1436-10 | KO84-11A | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1437-03 | KO84-12A | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1437-06 | KO84-13A | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1437-09 | KO84-14A | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |

**Date/Time** 2/27/25 9:10
**Raw Sample Received by:** RJ (EXT-lab)
**Raw Sample Relinquished by:**



**Date/Time** 2/27/25 9:50
**Raw Sample Received by:**
**Raw Sample Relinquished by:** RJ (EXT-lab)

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

PB167022

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

**Clean Up SOP #:** Acid Cleanup

**Matrix :** Solid

**Weigh By:** EH

**Balance check:** RJ

**Balance ID:** EX-SC-2

**pH Strip Lot#:** N/A

**Extraction By:** RJ

**Filter By:** RJ

**pH Meter ID:** N/A

**Hood ID:** 3,7

**Extraction Start Date :** 03/06/2025

**Extraction Start Time :** 11:40

**Extraction End Date :** 03/06/2025

**Extraction End Time :** 14:45

**Concentration By:** EH

**Supervisor By :** RUPESH

**Extraction Method:** ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

| Standared Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---|---|---|---|
| Spike Sol 1 | 1.0ML | 5000 PPB | PP24209 |
| Surrogate | 1.0ML | 200 PPB | PP24123 |
| 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 | EP2592 |
| Baked Na2SO4 | N/A | EP2590 |
| Sand | N/A | E2865 |
| H2SO4 1:1 | N/A | EP2565 |
| Hexane | N/A | E3877 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

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

40 ML Vial lot# 03-40 BTS721.

**KD Bath ID:** N/A

**KD Bath Temperature:** N/A

**Envap ID:** NEVAP-02

**Envap Temperature:** 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 3/6/25 | RS (Ext-lab) | Y.P. post IPC3 |
| 14:50 | **Preparation Group** | **Analysis Group** |

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

**PrepBatch ID : PB167022**

**Analytical Method:** M3541-ASE Extraction-14 **Concentration Date:** 03/06/2025

| Sample ID | Client Sample ID | Test | g/ mL | PH | Surr/Spike By: | | Final Vol. (mL) | JarID | Comments | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | AddedBy | VerifiedBy | | | | |
| PB167022BL | ABLK022 | PCB Group1 | 30.01 | N/A | ritesh | Evelyn | 10 | | | U2-1 |
| PB167022BS | ALCS022 | PCB Group1 | 30.02 | N/A | ritesh | Evelyn | 10 | | | 2 |
| Q1433-03 | K084-1C | PCB Group1 | 30.05 | N/A | ritesh | Evelyn | 10 | | | 3 |
| Q1433-06 | K084-2C | PCB Group1 | 30.03 | N/A | ritesh | Evelyn | 10 | | | 4 |
| Q1433-09 | K084-3C | PCB Group1 | 30.08 | N/A | ritesh | Evelyn | 10 | | | 5 |
| Q1434-02 | K084-4C | PCB Group1 | 30.03 | N/A | ritesh | Evelyn | 10 | | | 6 |
| Q1434-02MS | K084-4CMS | PCB Group1 | 30.04 | N/A | ritesh | Evelyn | 10 | | | U3-1 |
| Q1434-02MSD | K084-4CMSD | PCB Group1 | 30.02 | N/A | ritesh | Evelyn | 10 | | | 2 |
| Q1434-05 | K084-5C | PCB Group1 | 30.06 | N/A | ritesh | Evelyn | 10 | | | 3 |
| Q1434-07 | K084-6C | PCB Group1 | 30.07 | N/A | ritesh | Evelyn | 10 | | | 4 |
| Q1434-10 | K084-7C | PCB Group1 | 30.01 | N/A | ritesh | Evelyn | 10 | | | 5 |
| Q1436-02 | K084-8B | PCB Group1 | 30.06 | N/A | ritesh | Evelyn | 10 | | | 6 |
| Q1436-03 | K084-8C | PCB Group1 | 30.09 | N/A | ritesh | Evelyn | 10 | | | U6-1 |
| Q1436-05 | K084-9B | PCB Group1 | 30.08 | N/A | ritesh | Evelyn | 10 | | | 2 |
| Q1436-06 | K084-9C | PCB Group1 | 30.04 | N/A | ritesh | Evelyn | 10 | | | 3 |
| Q1436-08 | K084-10B | PCB Group1 | 30.05 | N/A | ritesh | Evelyn | 10 | | | 4 |
| Q1436-09 | K084-10C | PCB Group1 | 30.08 | N/A | ritesh | Evelyn | 10 | | | 5 |
| Q1437-01 | K084-11B | PCB Group1 | 30.02 | N/A | ritesh | Evelyn | 10 | | | 6 |
| Q1437-04 | K084-12B | PCB Group1 | 30.03 | N/A | ritesh | Evelyn | 10 | | | U7-1 |
| Q1437-07 | K084-13B | PCB Group1 | 30.09 | N/A | ritesh | Evelyn | 10 | | | 2 |
| Q1437-10 | K084-14B | PCB Group1 | 30.04 | N/A | ritesh | Evelyn | 10 | | | 3 |
| Q1438-03 | K084-15C | PCB Group1 | 30.03 | N/A | ritesh | Evelyn | 10 | | | 4 |
| Q1438-05 | K084-16C | PCB Group1 | 30.08 | N/A | ritesh | Evelyn | 10 | | | 5 |

RS
316

* **Extracts relinquished on the same date as received.**

167022
11:40

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** Q1433P **WorkList ID :** 188087 **Department :** Extraction **Date :** 03-06-2025 11:34:09

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q1433-03 | K084-1C | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1433-06 | K084-2C | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1433-09 | K084-3C | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1434-02 | K084-4C | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1434-05 | K084-5C | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1434-07 | K084-6C | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1434-10 | K084-7C | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1436-02 | K084-8B | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1436-03 | K084-8C | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1436-05 | K084-9B | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1436-06 | K084-9C | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1436-08 | K084-10B | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1436-09 | K084-10C | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1437-01 | K084-11B | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1437-04 | K084-12B | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1437-07 | K084-13B | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1437-10 | K084-14B | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1438-03 | K084-15C | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |
| Q1438-05 | K084-16C | Solid | PCB Group1 | Cool 4 deg C | ATCE02 | H11 | 02/25/2025 | 8082A |

**Date/Time** 3/6/25 11:35
**Raw Sample Received by:** RJ (Ext-lab)
**Raw Sample Relinquished by:** OP



**Date/Time** 3/6/25 12:10
**Raw Sample Received by:**
**Raw Sample Relinquished by:** RJ (Ext-lab)

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

# Prep Standard - Chemical Standard Summary

**Order ID :** Q1436

**Test :** PCB Group1

**Prepbatch ID :** PB166889,PB167022,

**Sequence ID/Qc Batch ID:** PO022725,PO022825,PO030625,PP030625,PP030725,

**Standard ID :**

EP2565,EP2583,EP2590,EP2592,PP23733,PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775,PP23776,PP23777,PP23778,PP23779,PP23780,PP23781,PP23782,PP23783,PP23784,PP23785,PP23786,PP23787,PP23788,PP23789,PP23790,PP23946,PP23947,PP24093,PP24123,PP24209,

**Chemical ID :**

E2865,E3551,E3804,E3805,E3825,E3843,E3846,E3872,E3873,E3876,E3877,M5173,P10483,P10500,P 11507,P11512,P11521,P11581,P11587,P11590,P11597,P12698,P12929,P12934,P12947,P12948,P12957,P13033,P13350,P13353,P13372,W3112,

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# Extractions STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 314 | 1.1 H2SO4 SOLN | EP2565 | 11/20/2024 | 05/20/2025 | Rajesh Parikh | None | None | RUPESHKUMAR SHAH 11/20/2024 |

**FROM** 1000.00000ml of M5173 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 230 | 1:1ACETONE/HEXANE | EP2583 | 02/04/2025 | 07/29/2025 | Rajesh Parikh | None | None | RUPESHKUMAR SHAH 02/04/2025 |

**FROM** 8000.00000ml of E3872 + 8000.00000ml of E3873 = Final Quantity: 8000.000 ml

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# Extractions STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3923 | Baked Sodium Sulfate | EP2590 | 02/26/2025 | 07/01/2025 | RUPESHKUMAR SHAH | Extraction_SCALE_2 (EX-SC-2) | None | Riteshkumar Patel 02/26/2025 |

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

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 230 | 1:1ACETONE/HEXANE | EP2592 | 02/27/2025 | 08/12/2025 | RUPESHKUMAR SHAH | None | None | Riteshkumar Patel 02/27/2025 |

**FROM** 4000.00000ml of E3876 + 4000.00000ml of E3877 = Final Quantity: 8000.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

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

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

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 202 | AR1660 1000/100 ppb working solution 1st source | PP23735 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.10000ml of P10483 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 203 | AR1660 750 PPB STD | PP23736 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23735 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 204 | AR1660 500 PPB STD | PP23737 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23735 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 205 | AR1660 250 PPB STD | PP23738 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23735 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 206 | AR1660 50 PPB STD | PP23739 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23737 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 213 | AR1221 1000 PPB WORKING SOLUTION | PP23740 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.10000ml of P11581 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1079 | AR1221 750 PPB STD | PP23741 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23740 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 222 | AR1221 500 PPB STD | PP23742 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23740 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1080 | AR1221 250 PPB STD | PP23743 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23740 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1081 | AR1221 50 PPB STD | PP23744 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23742 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 214 | AR1232 1000 PPB WORKING SOLUTION | PP23745 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.10000ml of P11587 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Fax : 908 789 8922

# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1063 | AR1232 750 PPB STD | PP23747 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23745 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 223 | AR1232 500 PPB STD | PP23748 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23745 = Final Quantity: 1.000 ml

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Fax : 908 789 8922

# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1064 | AR1232 250 PPB STD | PP23749 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23745 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1065 | AR1232 50 PPB STD | PP23750 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23748 = Final Quantity: 1.000 ml

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Fax : 908 789 8922

# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 215 | AR1242 1000 PPB WORKING STD | PP23751 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.10000ml of P12929 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1067 | AR1242 750 PPB STD | PP23752 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23751 = Final Quantity: 1.000 ml

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Fax : 908 789 8922

# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 224 | AR1242 500 PPB STD | PP23753 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23751 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1068 | AR1242 250 PPB STD | PP23754 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23751 = Final Quantity: 1.000 ml

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Fax : 908 789 8922

# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1069 | AR1242 50 PPB STD | PP23755 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23753 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 216 | AR1248 1000 PPB WORKING STD | PP23756 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.10000ml of P12934 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Fax : 908 789 8922

# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1075 | AR1248 750 PPB STD | PP23757 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23756 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 225 | AR1248 500 PPB STD | PP23758 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23756 = Final Quantity: 1.000 ml

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Fax : 908 789 8922

# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1076 | AR1248 250 PPB STD | PP23759 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23756 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1077 | AR1248 50 PPB STD | PP23760 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23758 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 217 | AR1254 1000 PPB WORKING STD | PP23761 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.10000ml of P11590 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1071 | AR1254 750 PPB STD | PP23762 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23761 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 226 | AR1254 500 PPB STD | PP23763 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23761 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1072 | AR1254 250 PPB STD | PP23764 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23761 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1073 | AR1254 50 PPB STD | PP23765 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23763 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1529 | AR1262 1000 PPB Working Solution | PP23766 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.10000ml of P10500 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Fax : 908 789 8922

# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3753 | AR1262 750 PPB STD | PP23767 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23766 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1530 | AR1262 500 PPB STD | PP23768 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23766 = Final Quantity: 1.000 ml

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Fax : 908 789 8922

# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3754 | AR1262 250 PPB STD | PP23769 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23766 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3755 | AR1262 50 PPB STD | PP23770 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23768 = Final Quantity: 1.000 ml

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Fax : 908 789 8922

# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1532 | AR1268 1000 PPB Working Solution | PP23771 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.10000ml of P11597 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3820 | AR1268 750 PPB STD | PP23772 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23771 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1533 | AR1268 500 PPB STD | PP23773 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23771 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3821 | AR1268 250 PPB STD | PP23774 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23771 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3822 | AR1268 50 PPB STD | PP23775 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23773 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 404 | AR1660 100 PPM Stock Solution 2nd Source | PP23776 | 10/03/2024 | 04/01/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 1.00000ml of P12947 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 405 | AR1660 1000/100 PPB ICV STD | PP23777 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 98.50000ml of E3805 + 0.50000ml of PP23733 + 1.00000ml of PP23776 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 406 | AR1660 500 PPB ICV | PP23778 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23777 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3789 | AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT) | PP23779 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 1.00000ml of P13372 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3790 | AR1221 500 PPB ICV(AGILENT) | PP23780 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23779 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1887 | AR1232 1000 PPB Working Sol. 2nd Source | PP23781 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 1.00000ml of P12698 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1889 | AR1242 1000 PPB Working Sol. 2nd Source | PP23782 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 1.00000ml of P11507 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1888 | AR1232 500 PPB ICV | PP23783 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23781 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1891 | AR1242 500 PPB ICV | PP23784 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23782 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1890 | AR1248 1000 PPB Working Sol. 2nd Source | PP23785 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.10000ml of P11512 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1892 | AR1248 500 PPB ICV | PP23786 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23785 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1893 | AR1254 1000 PPB Working Sol. 2nd Source | PP23787 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 1.00000ml of P12957 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1894 | AR1254 500 PPB ICV | PP23788 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23787 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3757 | AR1262 1000 PPB Working Solution second source | PP23789 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.10000ml of P13033 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3758 | AR1262 500 PPB STD ICV | PP23790 | 10/03/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23789 = Final Quantity: 1.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3817 | AR1268 1000 ppb Working Soln. 2nd source | PP23946 | 11/07/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 11/13/2024 |

**FROM** 1.00000ml of P11521 + 98.50000ml of E3825 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3823 | AR1268 500 PPB STD ICV | PP23947 | 11/07/2024 | 03/30/2025 | Ankita Jodhani | None | None | Yogesh Patel 11/13/2024 |

**FROM** 0.50000ml of E3825 + 0.50000ml of PP23946 = Final Quantity: 1.000 ml

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Fax : 908 789 8922

# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3857 | 5000 PPB PCB SPIKE SOLUTION 2ND SOURCE | PP24093 | 12/20/2024 | 04/03/2025 | Ankita Jodhani | None | None | Yogesh Patel 01/16/2025 |

**FROM** 0.50000ml of P12947 + 99.50000ml of E3843 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 465 | 200 PPB Pest/PCB Surrogate Spike | PP24123 | 01/20/2025 | 06/26/2025 | Abdul Mirza | None | None | Ankita Jodhani 01/20/2025 |

**FROM** 1.00000ml of P13353 + 999.00000ml of E3846 = Final Quantity: 1000.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3857 | 5000 PPB PCB SPIKE SOLUTION 2ND SOURCE | PP24209 | 02/27/2025 | 08/27/2025 | Ankita Jodhani | None | None | Yogesh Patel 03/06/2025 |

**FROM** 0.50000ml of P12948 + 99.50000ml of E3876 = Final Quantity: 100.000 ml

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Fax : 908 789 8922

# 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 # |
|---|---|---|---|---|---|---|
| Seidler Chemical | 9005-05 / Acetone Ultra (cs/4x4L) | 24E0761004 | 11/05/2025 | 10/01/2024 / Rajesh | 09/25/2024 / Rajesh | E3804 |

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

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 24G1962003 | 11/06/2025 | 11/06/2024 / Rajesh | 11/01/2024 / Rajesh | E3825 |

| 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 | 06/05/2025 | 12/05/2024 / Rajesh | 12/05/2024 / Rajesh | E3843 |

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# CHEMICAL RECEIPT LOG BOOK

| 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 | 06/26/2025 | 12/26/2024 / Rajesh | 12/13/2024 / Rajesh | E3846 |

| 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 | 07/29/2025 | 01/29/2025 / Rajesh | 01/29/2025 / Rajesh | E3872 |

| 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 | 07/29/2025 | 01/29/2025 / Rajesh | 01/29/2025 / Rajesh | E3873 |

| 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 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L) | 0000281827 | 06/02/2025 | 06/01/2022 / | 04/05/2022 / william | M5173 |

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

# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul | A0163157 | 04/03/2025 | 10/03/2024 / Ankita | 03/19/2021 / Abdul | P10483 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane | A0167722 | 04/03/2025 | 10/03/2024 / Ankita | 03/19/2021 / Ankita | P10500 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Agilent Technologies | PP-312-1 / Aroclor 1242 | 0006665550 | 04/03/2025 | 10/03/2024 / Ankita | 02/21/2022 / Ankita | P11507 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Agilent Technologies | PP-342-1 / Aroclor 1248 | 0006626997 | 04/03/2025 | 10/03/2024 / Ankita | 02/21/2022 / Ankita | P11512 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Agilent Technologies | PP-382-1 / Aroclor 1268 | 0006587800 | 05/07/2025 | 11/07/2024 / Ankita | 02/21/2022 / Ankita | P11521 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul | A0175456 | 04/03/2025 | 10/03/2024 / Ankita | 03/18/2022 / Abdul | P11581 |

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

# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul | A0173309 | 04/03/2025 | 10/03/2024 / Ankita | 03/18/2022 / Abdul | P11587 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul | A0175403 | 04/03/2025 | 10/03/2024 / Ankita | 03/18/2022 / Abdul | P11590 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane | A0181782 | 04/03/2025 | 10/03/2024 / Ankita | 03/18/2022 / Abdul | P11597 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards,Inc | 91867 / Aroclor 1232 100 ug/mL | 020823 | 04/03/2025 | 10/03/2024 / Ankita | 08/07/2023 / Ankita | P12698 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul | a0203672 | 04/03/2025 | 10/03/2024 / Ankita | 12/07/2023 / Ankita | P12929 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul | a0202803 | 04/03/2025 | 10/03/2024 / Ankita | 12/07/2023 / Ankita | P12934 |

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

# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 20064 / Aroclor 1016/1260 | 022023 | 04/03/2025 | 10/03/2024 / Ankita | 12/20/2023 / Yogesh | P12947 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 20064 / Aroclor 1016/1260 | 022023 | 08/27/2025 | 02/27/2025 / Ankita | 12/20/2023 / Yogesh | P12948 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | / Arochlor 1254 | 121823 | 04/03/2025 | 10/03/2024 / Ankita | 12/20/2023 / Yogesh | P12957 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards,Inc | 90165 / Aroclor 1262 | 112322 | 04/03/2025 | 10/03/2024 / Ankita | 12/20/2023 / Yogesh | P13033 |

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

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0206810 | 07/20/2025 | 01/20/2025 / Abdul | 04/22/2024 / Abdul | P13353 |

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

# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Agilent Technologies | PP-292-1 / Aroclor 1221 | 0006783205 | 04/03/2025 | 10/03/2024 / Ankita | 05/02/2024 / Ankita | P13372 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | DIW / DI Water | Daily Lab-Certified | 07/03/2029 | 07/03/2024 / Iwona | 07/03/2024 / Iwona | W3112 |

Sand
Purified
Washed and Ignited

avantor™ | J.T.Baker®

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 | <= 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

James T Ethier

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 QUIMICOS 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 : | $Na_2SO_4$ |
| SPECIFICATION NUMBER : | 6399 | RELEASE DATE: | ABR/21/2023 |
| LOT NUMBER : | 313201 | | |

| TEST | SPECIFICATIONS | LOT VALUES |
|---|---|---|
| Assay ($Na_2SO_4$) | 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 ($PO_4$) | 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 foreing 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.

RG-02-01, Ed. 3

Recd. by RB on 7/24/23 E3551

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| Assay ($(CH_3)_2CO$) (by GC, corrected for water) | ≥ 99.5 % | 99.8 % |
| Color (APHA) | ≤ 10 | < 5 |
| Residue after Evaporation | ≤ 5 ppm | < 1 ppm |
| Titrable Acid (µeq/g) | ≤ 0.3 | 0.1 |
| Titrable Base (µeq/g) | ≤ 0.5 | 0.1 |
| Water ($H_2O$) | ≤ 0.5 % | 0.1 % |
| Solubility in $H_2O$ | Passes Test | Passes Test |
| Chloride (Cl) | ≤ 0.2 ppm | < 0.2 ppm |
| Phosphate ($PO_4$) | ≤ 0.05 ppm | < 0.05 ppm |
| Trace Impurities - Aluminum (Al) | ≤ 50.0 ppb | < 5.0 ppb |
| Arsenic and Antimony (as As) | ≤ 5.0 ppb | < 5.0 ppb |
| Trace Impurities - Barium (Ba) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities - Beryllium (Be) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Bismuth (Bi) | ≤ 20.0 ppb | < 10.0 ppb |
| Trace Impurities - Boron (B) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities - Cadmium (Cd) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Calcium (Ca) | ≤ 25.0 ppb | 3.6 ppb |
| Trace Impurities - Chromium (Cr) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Cobalt (Co) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Copper (Cu) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Gallium (Ga) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Germanium (Ge) | ≤ 10.0 ppb | < 10.0 ppb |
| Trace Impurities - Gold (Au) | ≤ 20 ppb | < 5 ppb |
| Trace Impurities - Iron (Fe) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities - Lead (Pb) | ≤ 10.0 ppb | < 10.0 ppb |
| Trace Impurities - Lithium (Li) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Magnesium (Mg) | ≤ 20 ppb | < 1 ppb |
| Trace Impurities - Manganese (Mn) | ≤ 10.0 ppb | < 1.0 ppb |

>>> Continued on page 2 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

| Test | Specification | Result |
|---|---|---|
| Trace Impurities – Molybdenum (Mo) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Nickel (Ni) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Niobium (Nb) | ≤ 50.0 ppb | < 1.0 ppb |
| Trace Impurities – Potassium (K) | ≤ 10.0 ppb | < 10.0 ppb |
| Trace Impurities – Silicon (Si) | ≤ 50 ppb | < 10 ppb |
| Trace Impurities – Silver (Ag) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Sodium (Na) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Strontium (Sr) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Tantalum (Ta) | ≤ 50.0 ppb | < 5.0 ppb |
| Trace Impurities – Thallium (Tl) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Tin (Sn) | ≤ 20.0 ppb | < 10.0 ppb |
| Trace Impurities – Titanium (Ti) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Vanadium (V) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Zinc (Zn) | ≤ 20.0 ppb | 7.9 ppb |
| Trace Impurities – Zirconium (Zr) | ≤ 10.0 ppb | < 1.0 ppb |
| Particle Count – 0.5 µm and greater (Rion KS42AF) | ≤ 100 par/ml | 8 par/ml |
| Particle Count – 1.0 µm and greater (Rion KS42AF) | ≤ 8 par/ml | 2 par/ml |

>>> Continued on page 3 >>>

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

| Test | Specification | Result |
|---|---|---|

For Microelectronic Use

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

Michelle Bales
Sr. Manager, Quality Assurance

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

avantor™ | J.T.Baker®

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

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL) | ≤ 5 | < 1 |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL) | ≤ 10 | 1 |
| ECD-Sensitive Impurities (as Ethylene Dibromide) – Single Impurity Peak (ng/mL) | ≤ 5 | 1 |
| Assay (Total Saturated $C_6$ Isomers) (by GC, corrected for water) | ≥ 99.5 % | 99.7 % |
| Assay (as n-Hexane) (by GC, corrected for water) | ≥ 95 % | 98 % |
| Color (APHA) | ≤ 10 | 5 |
| Residue after Evaporation | ≤ 1.0 ppm | 0.4 ppm |
| Substances Darkened by $H_2SO_4$ | Passes Test | Passes Test |
| Water (by KF, coulometric) | ≤ 0.05 % | < 0.01 % |

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

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

Recd. by RP on 9/25/24

E3805

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

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

avantor™ | J.T.Baker®

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 $C_6$ 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 $H_2SO_4$ | 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

E3825

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater) | >= 99.4 % | 100.0 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.0 ppm |
| Substances Reducing Permanganate | Passes Test | Passes Test |
| Titrable Acid (µeq/g) | <= 0.3 | 0.2 |
| Titrable Base (µeq/g) | <= 0.6 | <0.1 |
| Water ($H_2O$) | <= 0.5 % | <0.1 % |
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | 1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) 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 12/5/24

E 3843

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater) | >= 99.4 % | 100.0 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.0 ppm |
| Substances Reducing Permanganate | Passes Test | Passes Test |
| Titrable Acid (µeq/g) | <= 0.3 | 0.2 |
| Titrable Base (µeq/g) | <= 0.6 | <0.1 |
| Water ($H_2O$) | <= 0.5 % | <0.1 % |
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | 1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) 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 12/13/24

E 3846

JCroak

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

avantor™ | J.T.Baker®

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 $C_6$ 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 $H_2SO_4$ | 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 1/29/25

E3872

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater) | >= 99.4 % | 100.0 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.0 ppm |
| Substances Reducing Permanganate | Passes Test | Passes Test |
| Titrable Acid (µeq/g) | <= 0.3 | 0.2 |
| Titrable Base (µeq/g) | <= 0.6 | <0.1 |
| Water ($H_2O$) | <= 0.5 % | <0.1 % |
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | 1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) 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 1/29/25

E 3873

JCroak
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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater) | >= 99.4 % | 100.0 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.0 ppm |
| Substances Reducing Permanganate | Passes Test | Passes Test |
| Titrable Acid (µeq/g) | <= 0.3 | 0.2 |
| Titrable Base (µeq/g) | <= 0.6 | <0.1 |
| Water ($H_2O$) | <= 0.5 % | <0.1 % |
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | 1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) 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 2/12/25

E 3876

JCroak
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

# 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.

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

Material No.: 9530-33
Batch No.: 0000281827
Manufactured Date: 2021/03/30
Retest Date: 2026/03/29
Revision No: 1

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| ACS - Assay (as HCl) (by acid-base titrn) | 36.5 - 38.0 % | 37.6 |
| ACS - Color (APHA) | <= 10 | 5 |
| ACS - Residue after Ignition | <= 3 ppm | 1 |
| ACS - Specific Gravity at 60°/60°F | 1.185 - 1.192 | 1.189 |
| ACS - Bromide (Br) | <= 0.005 % | < 0.005 |
| ACS - Extractable Organic Substances | <= 5 ppm | < 1 |
| ACS - Free Chlorine (as $Cl_2$) | <= 0.5 ppm | < 0.5 |
| Phosphate ($PO_4$) | <= 0.05 ppm | < 0.03 |
| Sulfate ($SO_4$) | <= 0.5 ppm | < 0.3 |
| Sulfite ($SO_3$) | <= 0.8 ppm | 0.3 |
| Ammonium ($NH_4$) | <= 3 ppm | < 1 |
| Trace Impurities - Arsenic (As) | <= 0.010 ppm | < 0.003 |
| Trace Impurities - Aluminum (Al) | <= 10.0 ppb | 0.5 |
| Arsenic and Antimony (as As) | <= 5 ppb | < 3 |
| Trace Impurities - Barium (Ba) | <= 1.0 ppb | < 0.2 |
| Trace Impurities - Beryllium (Be) | <= 1.0 ppb | < 0.2 |
| Trace Impurities - Bismuth (Bi) | <= 10.0 ppb | < 1.0 |
| Trace Impurities - Boron (B) | <= 20.0 ppb | < 5.0 |
| Trace Impurities - Cadmium (Cd) | <= 1.0 ppb | < 0.3 |
| Trace Impurities - Calcium (Ca) | <= 50.0 ppb | 15.0 |
| Trace Impurities - Chromium (Cr) | <= 1.0 ppb | < 0.4 |
| Trace Impurities - Cobalt (Co) | <= 1.0 ppb | < 0.3 |
| Trace Impurities - Copper (Cu) | <= 1.0 ppb | < 0.1 |
| Trace Impurities - Gallium (Ga) | <= 1.0 ppb | < 0.2 |

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

Material No.: 9530-33
Batch No.: 0000281827

| Test | Specification | Result |
|---|---|---|
| Trace Impurities - Germanium (Ge) | <= 3.0 ppb | < 2.0 |
| Trace Impurities - Gold (Au) | <= 4.0 ppb | 3.0 |
| Heavy Metals (as Pb) | <= 100 ppb | < 50 |
| Trace Impurities - Iron (Fe) | <= 15.0 ppb | 1.0 |
| Trace Impurities - Lead (Pb) | <= 1.0 ppb | < 0.5 |
| Trace Impurities - Lithium (Li) | <= 1.0 ppb | < 0.2 |
| Trace Impurities - Magnesium (Mg) | <= 10.0 ppb | < 0.4 |
| Trace Impurities - Manganese (Mn) | <= 1.0 ppb | < 0.4 |
| Trace Impurities - Mercury (Hg) | <= 0.5 ppb | 0.2 |
| Trace Impurities - Molybdenum (Mo) | <= 10.0 ppb | < 5.0 |
| Trace Impurities - Nickel (Ni) | <= 4.0 ppb | < 0.3 |
| Trace Impurities - Niobium (Nb) | <= 1.0 ppb | < 0.2 |
| Trace Impurities - Potassium (K) | <= 9.0 ppb | < 2.0 |
| Trace Impurities - Selenium (Se), For Information Only | ppb | 1.0 |
| Trace Impurities - Silicon (Si) | <= 100.0 ppb | 18.0 |
| Trace Impurities - Silver (Ag) | <= 1.0 ppb | < 0.3 |
| Trace Impurities - Sodium (Na) | <= 100.0 ppb | < 5.0 |
| Trace Impurities - Strontium (Sr) | <= 1.0 ppb | < 0.2 |
| Trace Impurities - Tantalum (Ta) | <= 1.0 ppb | < 0.9 |
| Trace Impurities - Thallium (Tl) | <= 5.0 ppb | < 2.0 |
| Trace Impurities - Tin (Sn) | <= 5.0 ppb | < 0.8 |
| Trace Impurities - Titanium (Ti) | <= 1.0 ppb | < 0.2 |
| Trace Impurities - Vanadium (V) | <= 1.0 ppb | < 0.2 |
| Trace Impurities - Zinc (Zn) | <= 5.0 ppb | 0.4 |
| Trace Impurities - Zirconium (Zr) | <= 1.0 ppb | < 0.1 |

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

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

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

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# Certificate of Analysis

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Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**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. :** 32039 **Lot No.:** A0163157

**Description :** Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** November 30, 2026 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1016 | 1,007.0 µg/mL | +/- 5.8683 | µg/mL | Gravimetric |
| | **CAS #** 12674-11-2 (Lot 04) | | +/- 31.9082 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.6868 | µg/mL | Stressed |
| 2 | Aroclor 1260 | 1,008.0 µg/mL | +/- 5.8741 | µg/mL | Gravimetric |
| | **CAS #** 11096-82-5 (Lot 07) | | +/- 31.9399 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.7282 | µg/mL | Stressed |

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

P10476
&
P10480

AR
02/19/21

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

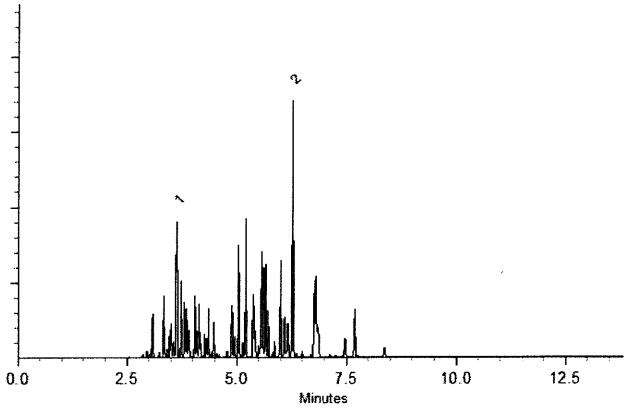
**Carrier Gas:**
helium-constant pressure 20 psi.

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

**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




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

Tom Suckar - Mix Technician

**Date Mixed:** 03-Aug-2020 **Balance:** B442140311

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 05-Aug-2020

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

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Certificate #3222.02

**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. :** 32409 **Lot No.:** A0167722

**Description :** Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

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

**Expiration Date :** April 30, 2027 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1262 | 1,004.0 µg/mL | +/- 5.9635 | µg/mL | Gravimetric |
| | **CAS #** 37324-23-5 (Lot 10849100) | | +/- 31.8340 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.5787 | µg/mL | Stressed |

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

P10496
J
P10500

AJ
09/19/21

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

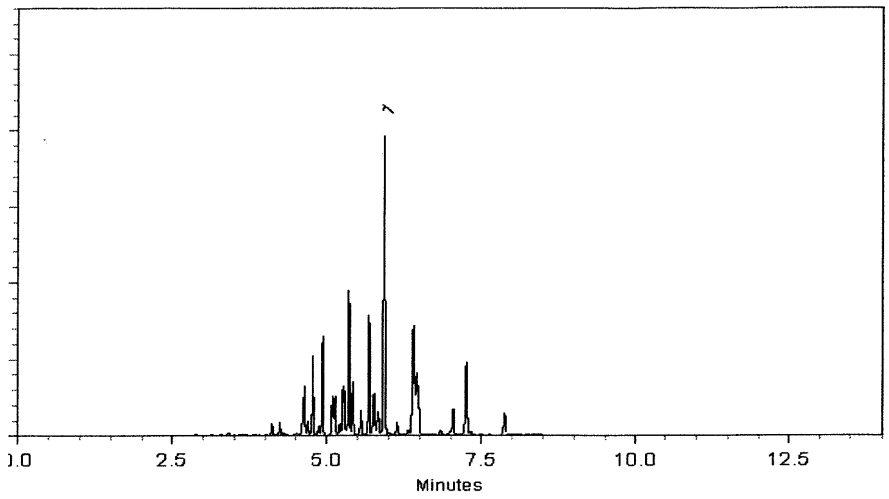
**Carrier Gas:**
helium-constant pressure 20 psi.

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

**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




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

Sam Moodler - Operations Tech I

**Date Mixed:** 03-Jan-2021 **Balance:** B707717271

Marlina Cowan - Operations Tech I

**Date Passed:** 05-Jan-2021

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

ISO 17034

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Trusted Answers

# Reference Material Certificate

| | | | |
|---|---|---|---|
| **Product Name:** | Aroclor 1242 Standard | **Lot Number:** | 0006665550 |
| **Product Number:** | PP-312-1 | **Lot Issue Date:** | 08-Feb-2022 |
| **Storage Conditions:** | Store at Room Temperature (15° to 30°C). | **Expiration Date:** | 31-Jan-2027 |

| | CERTIFIED VALUES | | | |
|---|---|---|---|---|
| Component Name | Concentration | Expanded Uncertainty | CAS# | Analyte Lot |
| Aroclor 1242 | 100.4 | ± 0.5 µg/mL | 053469-21-9 | NT01020 |

**Matrix:** isooctane (2,2,4-trimethylpentane)

**Description:**
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

**Intended Use:**
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11533 + P11537

AJ 02/21/22

**Maintenance of Certification:**
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois
QMS Representative

ISO 17034

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# Reference Material Certificate

| | | | |
|---|---|---|---|
| **Product Name:** | Aroclor 1248 Standard | **Lot Number:** | 0006626997 |
| **Product Number:** | PP-342-1 | **Lot Issue Date:** | 17-Aug-2021 |
| **Storage Conditions:** | Store at Room Temperature (15° to 30°C). | **Expiration Date:** | 30-Sep-2025 |

| | CERTIFIED VALUES | | | | |
|---|---|---|---|---|---|
| Component Name | Concentration | | Expanded Uncertainty | CAS# | Analyte Lot |
| Aroclor 1248 | 100.3 | ± | 0.5 µg/mL | 012672-29-6 | NT01582 |

**Matrix:** isooctane (2,2,4-trimethylpentane)

**Description:**
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

**Intended Use:**
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11508 ↓ P11512 AJ 12/21/22

**Maintenance of Certification:**
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois
QMS Representative

P11518 ↓ P11522 AJ 02/21/22

Agilent

# Certificate of Analysis

**Product Name:** Aroclor 1268 Standard

**Product Number:** PP-382-1 **Lot Issue Date:** 09-Feb-2021

**Lot Number:** 0006587800 **Expiration Date:** 31-Mar-2029

**Description:**
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

| Analyte | CAS# | Analyte Lot | Concentration ± Uncertainty |
|---|---|---|---|
| Aroclor 1268 | 011100-14-4 | RM00937 | 100.0 ± 0.5 µg/mL |

**Matrix:** isooctane (2,2,4-trimethylpentane)

**Storage Conditions:** Store at Room Temperature (15° to 30°C).

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Intended Use:**
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Hazards:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

**Expiration of Certification:**
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026



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CSD-QA-015.1

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ISO 17025 Cert No. AT-1937

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Certificate #3222.02

**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. :** 32007 **Lot No.:** A0175456

**Description :** Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** November 30, 2027 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1221 | 1,002.0 µg/mL | +/- 5.9516 | µg/mL | Gravimetric |
| | **CAS #** 11104-28-2 (Lot 10210500) | | +/- 31.7706 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.4958 | µg/mL | Stressed |

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

P 11578 ↓ P 11582 (S)

AR 04/30/22

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

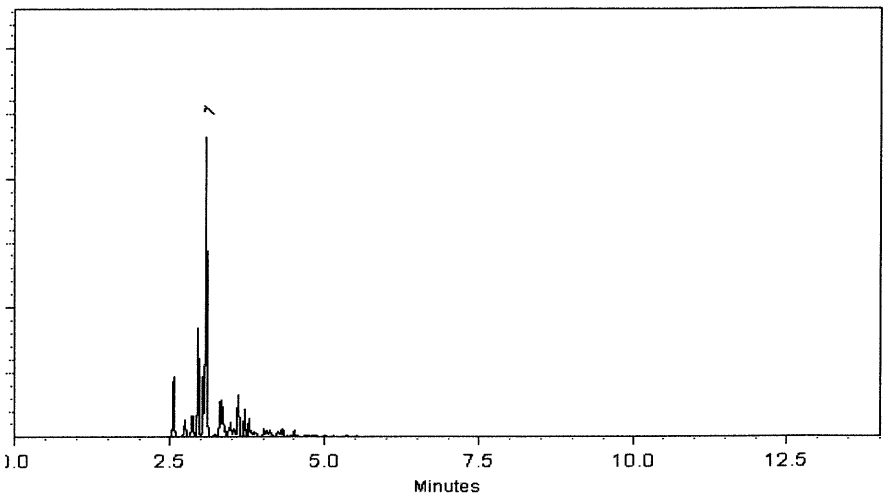
**Carrier Gas:**
helium-constant pressure 20 psi.

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

**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




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

Sam Moodler - Operations Tech I

**Date Mixed:** 16-Aug-2021 **Balance:** B442140311

Marlina Cowan - Operations Tech I

**Date Passed:** 18-Aug-2021

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

P11578 ↓ P11582 (5)

AR 04/30/22

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**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. :** 32008 **Lot No.:** A0173309

**Description :** Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** September 30, 2027 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | Aroclor 1232 | 1,001.0 µg/mL | +/- 5.9456 µg/mL | Gravimetric |
| | **CAS #** 11141-16-5 (Lot 15665-01) | | +/- 31.7389 µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.4544 µg/mL | Stressed |

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

P11583 ↓ P11597 (S)

AR 04/30/22

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

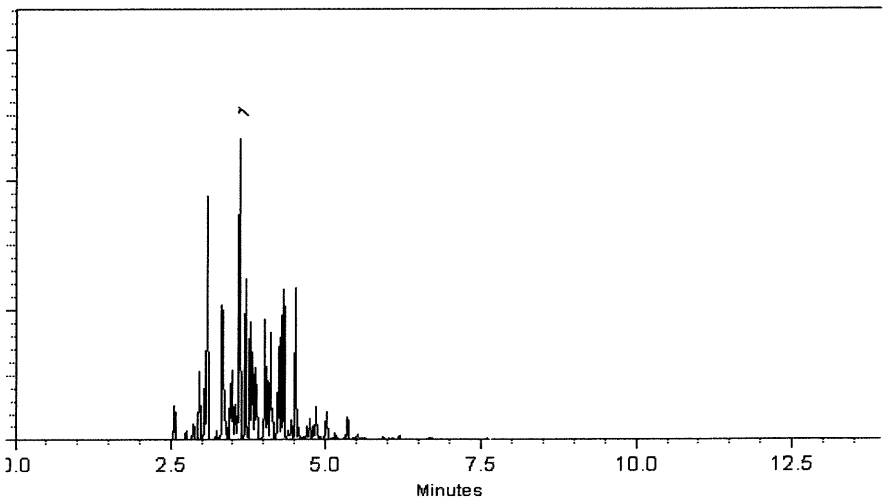
**Carrier Gas:**
helium-constant pressure 20 psi.

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

**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




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

Sam Moodler - Operations Tech I

**Date Mixed:** 13-Jun-2021 **Balance:** B442140311

Alexis Shelow - Operations Tech I

**Date Passed:** 16-Jun-2021

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

P11583 ↓ P11587 | (5)

AR 04/30/22

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# Certificate of Analysis

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Testing Laboratory
Certificate #3222.02

**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. :** 32011 **Lot No.:** A0175403

**Description :** Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** November 30, 2027 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | Aroclor 1254 | 1,000.7 µg/mL | +/- 5.9437 µg/mL | Gravimetric |
| | **CAS #** 11097-69-1 (Lot 124-191-B) | | +/- 31.7284 µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.4406 µg/mL | Stressed |

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

P11588 ↓ P11592 | 5

AR 04/30/2022

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

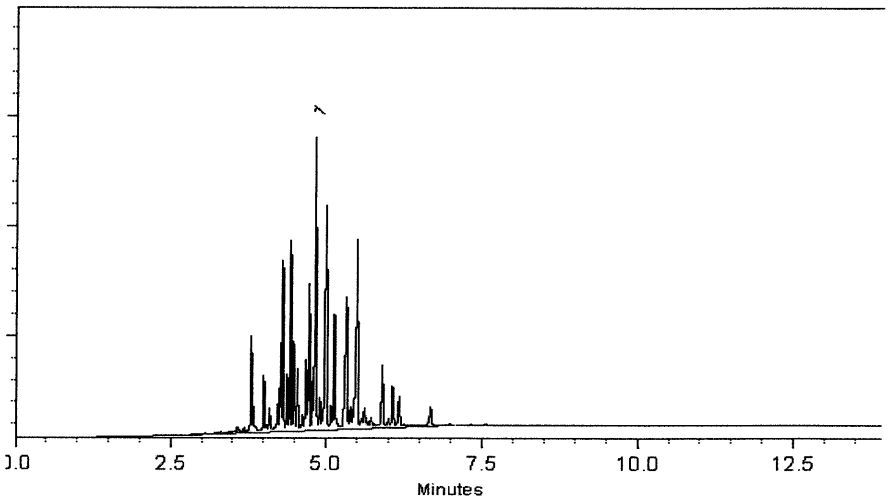
**Carrier Gas:**
helium-constant pressure 20 psi.

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

**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




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

Cathleen Soltis - Mix Technician

**Date Mixed:** 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

**Date Passed:** 17-Aug-2021

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

P11588 | (5)
1
P11592

AR
04/30/22

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Certificate #3222.02

**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. :** 32410 **Lot No.:** A0181782

**Description :** Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

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

**Expiration Date :** May 31, 2028 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1268 | 1,001.4 µg/mL | +/- 5.9480 | µg/mL | Gravimetric |
| | **CAS #** 11100-14-4 (Lot 10947000) | | +/- 31.7516 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.4710 | µg/mL | Stressed |

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

P 11593 (5)
↓
P 11597

AR 04/30/2022

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

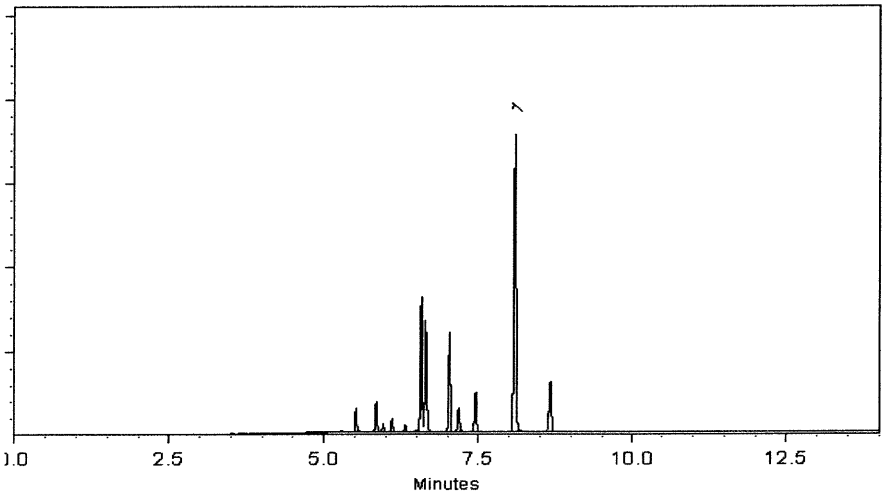
**Carrier Gas:**
helium-constant pressure 20 psi.

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

**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




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

Penelope Riglin - Operations Tech I

**Date Mixed:** 14-Feb-2022 **Balance:** 1128360905

Clara Windle - Operations Technician I

**Date Passed:** 17-Feb-2022

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

P 11593 (5)
↓
P 11597
04/30/2022

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*Certified Refere*

CERTIFIED WEIGHT REPORT

| | |
|---|---|
| **Part Number:** | 91867 |
| Lot Number: | 020823 |
| Description: | WP 037 - Aroclor 1232 PCB Technical Mixture |
| Expiration Date: | 020833 |
| Recommended Storage: | Ambient (20 °C) |
| Nominal Concentration (µg/mL): | 100 |
| NIST Test ID#: | 6UTB |

**Solvent(**
Aceton

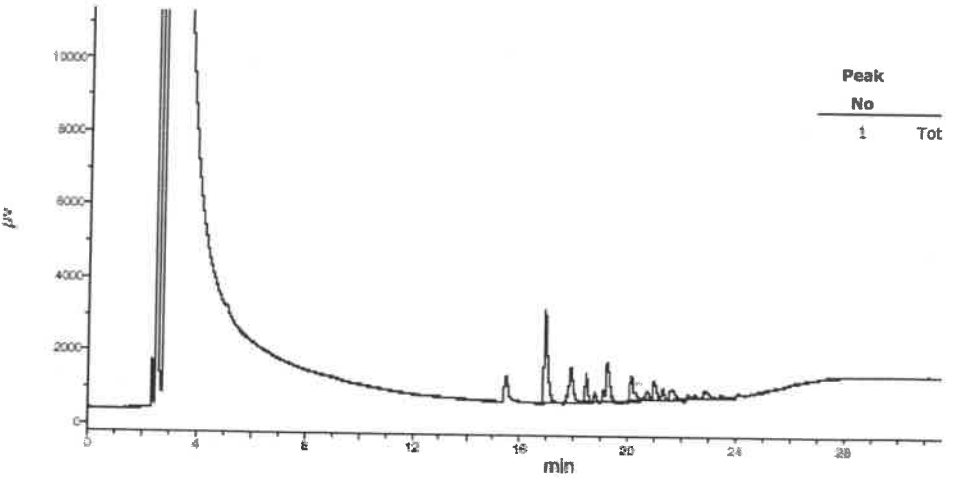
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight (g |
|---|---|---|---|---|---|---|
| 1. Aroclor 1232 | 17 | 45-6A | 100 | 100 | 0.5 | 0.01000 |

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

**Comments**
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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*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. :** 32009 **Lot No.:** A0203672

**Description :** Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** January 31, 2030 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

P12928
↓
P12932
AJ
12/07/23

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Aroclor 1242 | 53469-21-9 | 01141 | ----% | 1,004.7 µg/mL | +/- 55.7515 |

* 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.)

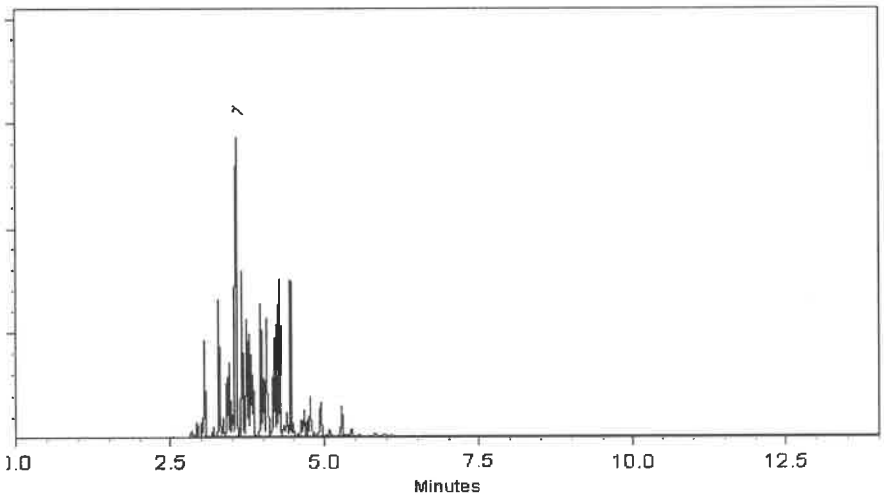
**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD

**Split Vent:**
10 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.

Russ Bookhamer - Operations Technician I

**Date Mixed:** 26-Oct-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 06-Nov-2023

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

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

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

P12933 ↓ P12937 AJ 12/07/23

**Catalog No. :** 32010 **Lot No.:** A0202803

**Description :** Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** January 31, 2030 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Aroclor 1248 | 12672-29-6 | 13897600 | ----% | 1,001.7 µg/mL | +/- 55.5850 |

* 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.)

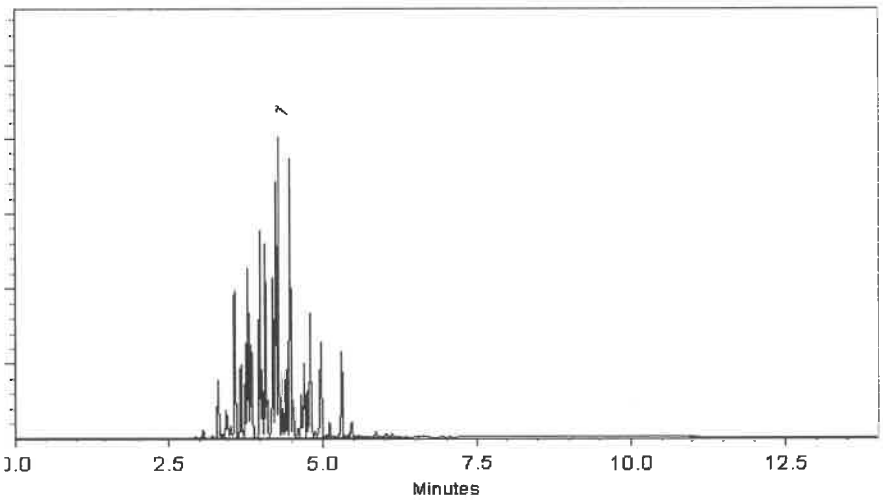
**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD

**Split Vent:**
10 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.

Laith Clemente - Operations Technician I **Date Mixed:** 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 09-Oct-2023

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Registered Quality System
Certificate #FM 80397

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## CERTIFIED WEIGHT REPORT

| | |
|---|---|
| **Part Number:** | 20064 |
| Lot Number: | 022023 |
| Description: | CLP PCB'S - Aroclor Mix |
| | Aroclors 1016 & 1260 |
| Expiration Date: | 022033 |
| Recommended Storage: | Ambient (20 °C) |
| Nominal Concentration (µg/mL): | 1000 |
| NIST Test ID#: | 6UTB |

| Solvent(s): | Lot# |
|---|---|
| Hexane | 273615 |

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

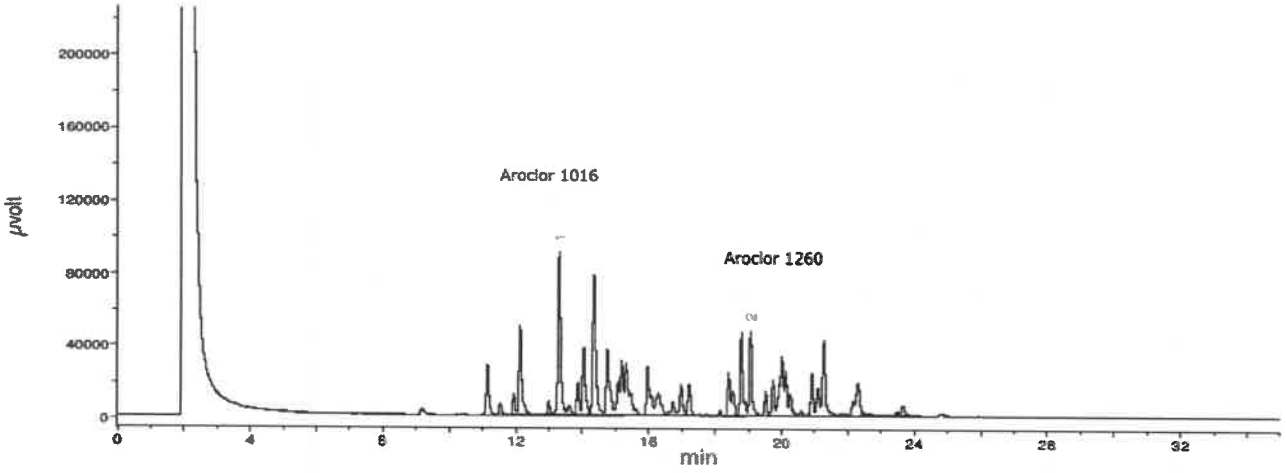
| | | |
|---|---|---|
| Formulated By: | Benson Chan | 022023 DATE |
| Reviewed By: | Pedro L. Rentas | 022023 DATE |

P12946 ↓ P12955 — Y.P. 12/20/23

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Aroclor 1016 | 15 | 020491JC | 1000 | 100 | 0.2 | 0.20004 | 0.20060 | 1002.8 | 4.0 | 12674-11-2 | N/A | N/A |
| 2. Aroclor 1260 | 21 | 020491JC | 1000 | 100 | 0.2 | 0.20004 | 0.20081 | 1003.9 | 4.0 | 11096-82-5 | 0.5mg/m3 | orl-rat 1315mg/kg |

- 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 certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

**Comments**
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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## CERTIFIED WEIGHT REPORT

| | |
|---|---|
| **Part Number:** | 20064 |
| Lot Number: | 022023 |
| Description: | CLP PCB'S - Aroclor Mix |
| | Aroclors 1016 & 1260 |
| Expiration Date: | 022033 |
| Recommended Storage: | Ambient (20 °C) |
| Nominal Concentration (µg/mL): | 1000 |
| NIST Test ID#: | 6UTB |

| Solvent(s): | Lot# |
|---|---|
| Hexane | 273615 |

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

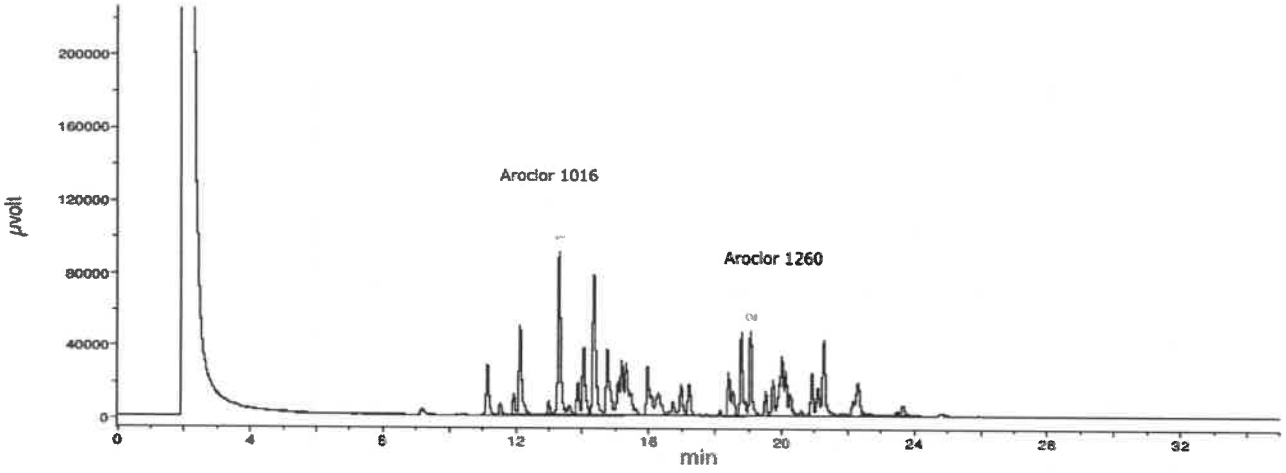
| | | |
|---|---|---|
| Formulated By: | Benson Chan | 022023 DATE |
| Reviewed By: | Pedro L. Rentas | 022023 DATE |

P12946 ↓ P12955 — Y.P. 12/20/23

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Aroclor 1016 | 15 | 020491JC | 1000 | 100 | 0.2 | 0.20004 | 0.20060 | 1002.8 | 4.0 | 12674-11-2 | N/A | N/A |
| 2. Aroclor 1260 | 21 | 020491JC | 1000 | 100 | 0.2 | 0.20004 | 0.20081 | 1003.9 | 4.0 | 11096-82-5 | 0.5mg/m3 | orl-rat 1315mg/kg |

- 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 certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

**Comments**
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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## CERTIFIED WEIGHT REPORT

| | | | | |
|---|---|---|---|---|
| **Part Number:** | 99139 | **Solvent(s):** | **Lot#** | |
| **Lot Number:** | 121823 | Iso-octane | 82227 | |
| **Description:** | Aroclor 1254 | | | |
| **Expiration Date:** | 121833 | | | |
| **Recommended Storage:** | Ambient (20 °C) | | | |
| **Nominal Concentration (µg/mL):** | 100 | | | |
| **NIST Test ID#:** | 6UTB | 5E-05 | Balance Uncertainty | |
| Volume(s) shown below were combined and diluted to (mL): | | 20.0 | 0.003 | Flask Uncertainty |

| | | |
|---|---|---|
| | | 121823 |
| Formulated By: | Anthony Mahoney | DATE |
| | | 121823 |
| Reviewed By: | Pedro L. Rentas | DATE |

P12956 & P12957 Y.P. 12/20/23

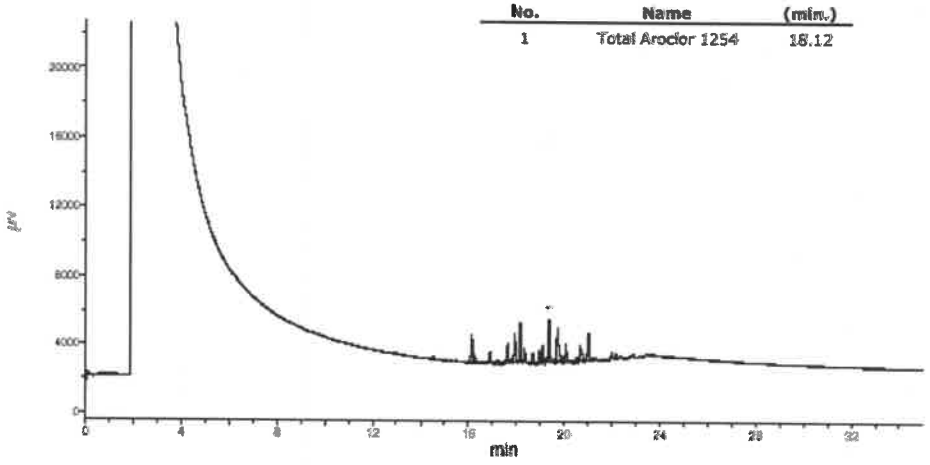
**Note: Aroclor 1254 is a mix of isomers.**

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Initial Conc.(µg/mL) | Final Conc.(µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Aroclor 1254 | 79100 | 121823 | 0.10 | 2.00 | 0.017 | 1003.3 | 100.1 | 1.8 | 11097-69-1 | 0.5mg/m3 (skin) | orl-rat 1295mg/kg |

- 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 certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

**Comments**
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

| Peak No. | Name | FID RT (min.) |
|---|---|---|
| 1 | Total Aroclor 1254 | 18.12 |



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## CERTIFIED WEIGHT REPORT

**Part Number:** 90165
**Lot Number:** 112322
**Description:** Aroclor 1262

**Solvent(s):** Hexane **Lot#** 273615

**Expiration Date:** 112332
**Recommended Storage:** Ambient (20 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test ID#:** 6UTB

Weight(s) shown below were combined and diluted to (mL): 50.0 ± 0.005 Flask Uncertainty

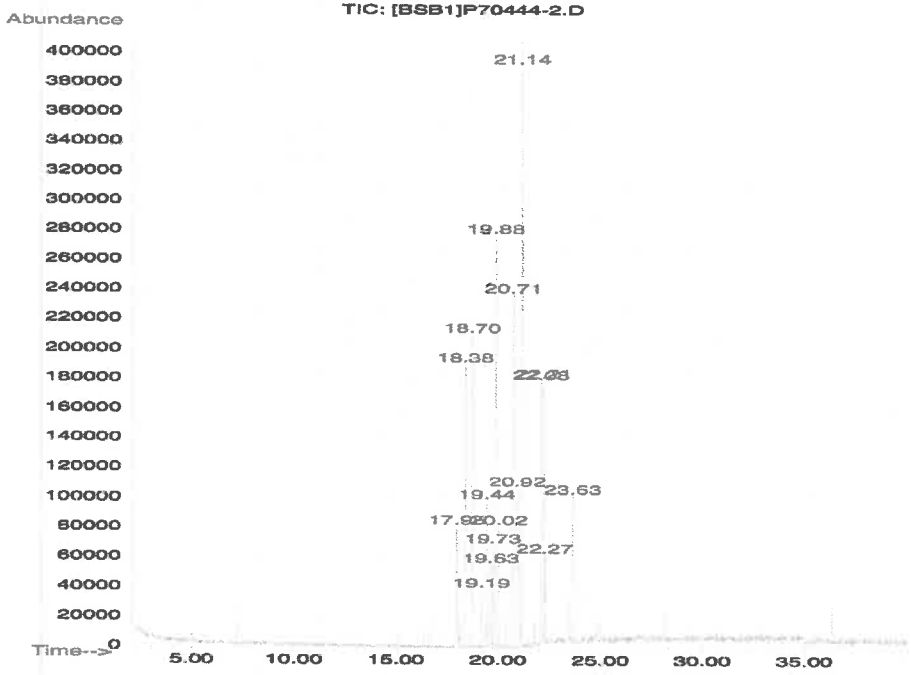
5E-05 Balance Uncertainty

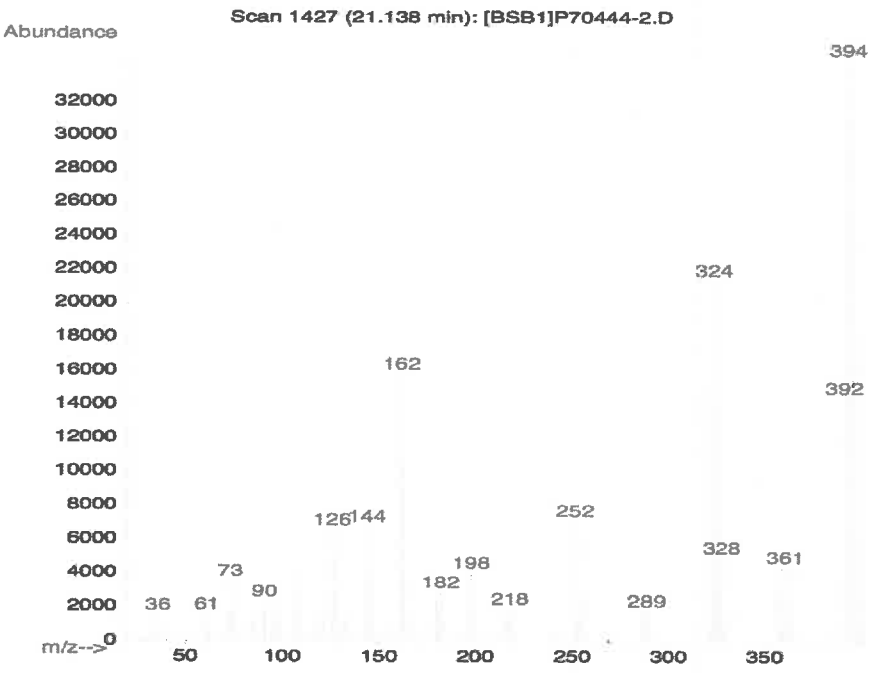
| | | |
|---|---|---|
| Formulated By: | Prashant Chauhan | 112322 DATE |
| Reviewed By: | Pedro L. Rentas | 112322 DATE |

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight (g) | Actual Weight (g) | Actual Conc(µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Aroclor 1262 | 444 | W-130-05 | 1000 | 100 | 0.2 | 0.05003 | 0.05016 | 1002.7 | 4.5 | 37324-23-5 | N/A | orl-rat 11300mg/kg |

**Method GC7MSD-7.M:** Column:(30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (0min.), Temp 2 = 290°C (12.5 min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.

P13032 2 P13033 Y.P. 12/21/23



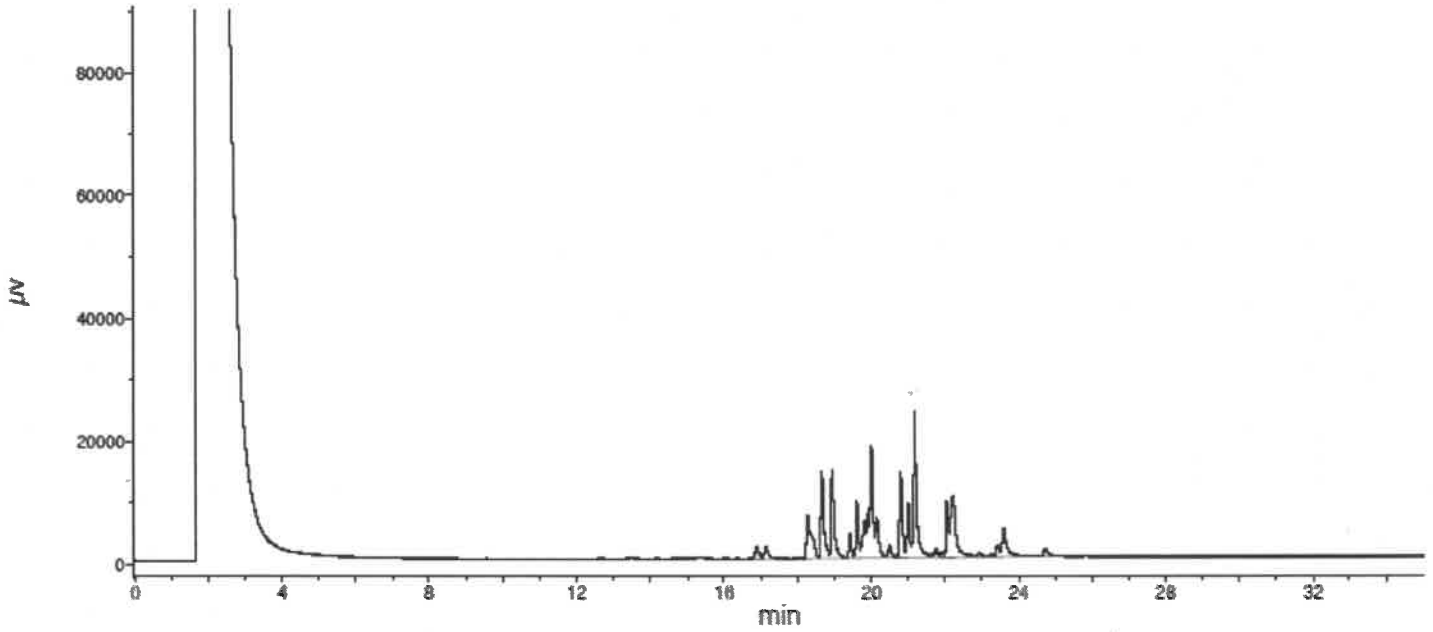

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value,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

# Run 20, "P90165 L112322 [1000µg/mL in hexane]"

Run Length: 35.00 min, 21000 points at 10 points/second.
Created: Thu, Dec 8, 2022 at 2:31:02 AM.
Sampled: Sequence "120722-GC3M1", Method "GC3-M1".
Analyzed using Method "GC3-M1".

## Comments

GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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***

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**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.*

P13348 ↓ P13357 (10)

04/25/2024

**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

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:**
hellum-constant pressure 20 psi.

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

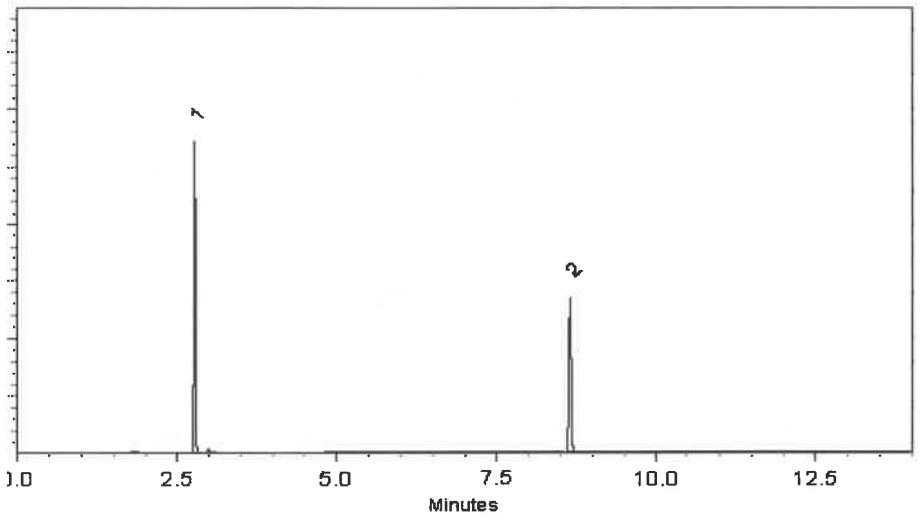
**Inj. Temp:**
250°C

**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**

P13348 (10)

↓

P13357

04/25/2025

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***

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**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.*

P13348 ↓ P13357 (10)

04/25/2024

**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

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

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

**Tech Tips:**

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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:**
hellum-constant pressure 20 psi.

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

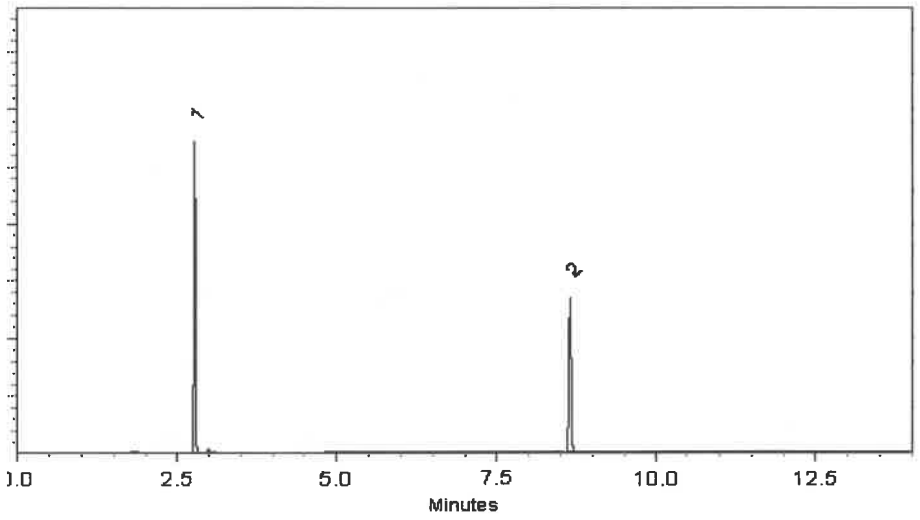
**Inj. Temp:**
250°C

**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**

P13348 (10)

↓

P13357

04/25/2025

Agilent

Trusted Answers

**ISO 17034**

# Reference Material Certificate

## Product Information Sheet

| | | | |
|---|---|---|---|
| **Product Name:** | Aroclor 1221 Standard | **Lot Number:** | 0006783205 |
| **Product Number:** | PP-292-1 | **Lot Issue Date:** | 20-Feb-2024 |
| **Storage Conditions:** | Store at Room Temperature (15° to 30°C). | **Expiration Date:** | 31-Mar-2032 |

| Component Name | Concentration | | Uncertainty | CAS# | Analyte Lot |
|---|---|---|---|---|---|
| Aroclor 1221 | 100.3 | ± | 0.5 µg/mL | 011104-28-2 | NT01017 |

**Matrix:** isooctane (2,2,4-trimethylpentane)

**Description:**
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

**Intended Use:**
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P133f2
↓
P133f3

AJ
05106124







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**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois

QMS Representative

ANAB ANSI National Accreditation Board ACCREDITED REFERENCE MATERIAL PRODUCER

ISO 17034
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321



www.agilent.com/quality/

CSD-QA-015.2

ISO 17025
Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

# SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q1436
QUOTE NO.
COC Number 2046161

## CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Atlas
ADDRESS: 104 E 25th St., 8th Fl
CITY New York STATE: NY ZIP: 10010
ATTENTION: Denise
PHONE: 718-490-0614 FAX:

## CLIENT PROJECT INFORMATION

PROJECT NAME: K084-SCA PCBs
PROJECT NO.: 2022SCA1421 LOCATION: NYC
PROJECT MANAGER: D. Cosenza
e-mail: Denise.cosenza@atlas.com
PHONE: FAX:

## CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS: SAME
CITY STATE: ZIP:
ATTENTION: PHONE:

## DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): standard DAYS*
EDD: 5 DAY DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

## DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

## ANALYSIS

TOTAL PCBs

| ALLIANCE SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # OF BOTTLES | PRESERVATIVES 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | K084-8A | S | | X | 2-25-25 | 10:45 | 1 | X | | | | | | | | | |
| 2. | K084-8B | | | | | 10:46 | | X | | | | | | | | | HOLD |
| 3. | K084-8C | | | | | 10:48 | | X | | | | | | | | | HOLD |
| 4. | K084-9A | | | | | 10:39 | | X | | | | | | | | | |
| 5. | K084-9B | | | | | 10:40 | | X | | | | | | | | | HOLD |
| 6. | K084-9C | | | | | 10:41 | | X | | | | | | | | | HOLD |
| 7. | K084-10A | | | | | 10:31 | | X | | | | | | | | | |
| 8. | K084-10B | | | | | 10:33 | | X | | | | | | | | | HOLD |
| 9. | K084-10C | | | | | 10:35 | | X | | | | | | | | | HOLD |
| 10. | K084-11A | | | | | 10:27 | | X | | | | | | | | | |

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

| | DATE/TIME | RECEIVED BY |
|---|---|---|
| 1. RELINQUISHED BY SAMPLER: | 2/25/25 | 1. 1030 2-26-25 |
| 2. RELINQUISHED BY SAMPLER: | DATE/TIME: | 2. |
| 3. RELINQUISHED BY SAMPLER: | DATE/TIME: 1535 2-26-25 | 3. RECEIVED BY: |

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.7 °C
Comments: has samples pending results

Page 3 of 5

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# Laboratory Certification

| Certified By | License No. |
|---|---|
| | |
| CAS EPA CLP Contract | 68HERH20D0011 |
| | |
| Connecticut | PH-0830 |
| | |
| DOD ELAP (ANAB) | L2219 |
| | |
| Maine | 2024021 |
| | |
| Maryland | 296 |
| | |
| New Hampshire | 255424 Rev 1 |
| | |
| New Jersey | 20012 |
| | |
| New York | 11376 |
| | |
| Pennsylvania | 68-00548 |
| | |
| Soil Permit | 525-24-234-08441 |
| | |
| Texas | T104704488 |

QA Control Code: A2070148