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

# Cover Page

**Order ID :** Q3447

**Project ID :** RFP 905

**Client :** Weston Solutions, Inc.

| Lab Sample Number | Client Sample Number |
|---|---|
| Q3447-01 | P001-TW1-251023-01 |
| Q3447-02 | P001-TW1-251023-01 |
| Q3447-03 | P001-TW2-251023-01 |
| Q3447-04 | P001-TW2-251023-01 |
| Q3447-05 | P001-TW3-251023-01 |
| Q3447-06 | P001-TW3-251023-01 |
| Q3447-07 | P001-TW4-251023-01 |
| Q3447-08 | P001-TW4-251023-01 |

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

Signature : _____

Date: 11/3/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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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**APPENDIX A**

**QA REVIEW GENERAL DOCUMENTATION**

**Project #:** **Q3447**

| | Completed |
|---|---|
| **For thorough review, the report must have the following:** | |
| **GENERAL:** | |
| **Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)** | ✓ |
| **Check chain-of-custody for proper relinquish/return of samples** | ✓ |
| **Is the chain of custody signed and complete** | ✓ |
| **Check internal chain-of-custody for proper relinquish/return of samples /sample extracts** | ✓ |
| **Collect information for each project id from server. Were all requirements followed** | ✓ |
| **COVER PAGE:** | |
| **Do numbers of samples correspond to the number of samples in the Chain of Custody on login page** | ✓ |
| **Do lab numbers and client Ids on cover page agree with the Chain of Custody** | ✓ |
| **CHAIN OF CUSTODY:** | |
| **Do requested analyses on Chain of Custody agree with form I results** | ✓ |
| **Do requested analyses on Chain of Custody agree with the log-in page** | ✓ |
| **Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody** | ✓ |
| **Were the samples received within hold time** | ✓ |
| **Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle** | ✓ |
| **ANALYTICAL:** | |
| **Was method requirement followed?** | ✓ |
| **Was client requirement followed?** | ✓ |
| **Does the case narrative summarize all QC failure?** | ✓ |
| **All runlogs and manual integration are reviewed for requirements** | ✓ |
| **All manual calculations and /or hand notations verified** | ✓ |

**QA Review Signature:** **PRATIK PATEL** **Date:** **11/03/2025**

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q3447 | **OrderDate:** | 10/23/2025 1:50:00 PM |
| **Client:** | Weston Solutions, Inc. | **Project:** | RFP 905 |
| **Contact:** | Smita Sumbaly | **Location:** | D41,VOA Ref. #2 Soil |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q3447-01** | **P001-TW1-251023-01** | **SOIL** | | | **10/23/25** | | | **10/23/25** |
| | | | PCB | 8082A | | 10/24/25 | 10/27/25 | |
| | | | Pesticide-TCL | 8081B | | 10/23/25 | 10/24/25 | |
| **Q3447-01RE** | **P001-TW1-251023-01** | **SOIL** | | | **10/23/25** | | | **10/23/25** |
| | | | PCB | 8082A | | 10/24/25 | 10/28/25 | |
| **Q3447-03** | **P001-TW2-251023-01** | **SOIL** | | | **10/23/25** | | | **10/23/25** |
| | | | PCB | 8082A | | 10/24/25 | 10/27/25 | |
| | | | Pesticide-TCL | 8081B | | 10/23/25 | 10/27/25 | |
| | | | Pesticide-TCL | 8081B | | 10/23/25 | 10/27/25 | |
| **Q3447-03RE** | **P001-TW2-251023-01** | **SOIL** | | | **10/23/25** | | | **10/23/25** |
| | | | PCB | 8082A | | 10/24/25 | 10/28/25 | |
| **Q3447-05** | **P001-TW3-251023-01** | **SOIL** | | | **10/23/25** | | | **10/23/25** |
| | | | Pesticide-TCL | 8081B | | 10/23/25 | 10/24/25 | |
| | | | PCB | 8082A | | 10/24/25 | 10/27/25 | |
| **Q3447-07** | **P001-TW4-251023-01** | **SOIL** | | | **10/23/25** | | | **10/23/25** |
| | | | Pesticide-TCL | 8081B | | 10/23/25 | 10/24/25 | |
| | | | PCB | 8082A | | 10/24/25 | 10/27/25 | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3447 **Order ID:** Q3447

**Client:** Weston Solutions, Inc. **Project ID:** RFP 905

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| **Client ID : P001-TW2-251023-01** | | | | | | | | |
| Q3447-03 | P001-TW2-251023-01 | SOIL | Aroclor-1254 | 820 | | 35.0 | 185 | ug/kg |
| Q3447-03 | P001-TW2-251023-01 | SOIL | Aroclor-1260 | 773 | P | 35.2 | 185 | ug/kg |
| | | | **Total Concentration:** | **1,593.000** | | | | |
| **Client ID : P001-TW2-251023-01** | | | | | | | | |
| Q3447-03RE | P001-TW2-251023-01 | SOIL | Aroclor-1254 | 892 | | 35.0 | 185 | ug/kg |
| Q3447-03RE | P001-TW2-251023-01 | SOIL | Aroclor-1260 | 772 | | 35.2 | 185 | ug/kg |
| | | | **Total Concentration:** | **1,664.000** | | | | |

# QC SUMMARY

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## Surrogate Summary

**SDG No.:** Q3447

**Client:** Weston Solutions, Inc.

**Analytical Method:** 8082A

| Lab Sample ID | Client ID | Parameter | Column | Spike | Result | Recovery(%) | Qual | Limits(%) Low | Limits(%) High |
|---|---|---|---|---|---|---|---|---|---|
| I.BLK-PP075887.D | PIBLK-PP075887.D | Tetrachloro-m-xyl | 1 | 20 | 19.9 | 100 | | 60 | 140 |
| | | Decachlorobiphen | 1 | 20 | 20.4 | 102 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 18.8 | 94 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 19.3 | 96 | | 60 | 140 |
| I.BLK-PP076067.D | PIBLK-PP076067.D | Tetrachloro-m-xyl | 1 | 20 | 22.1 | 110 | | 60 | 140 |
| | | Decachlorobiphen | 1 | 20 | 22.4 | 112 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 18.9 | 95 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 18.2 | 91 | | 60 | 140 |
| PB170236BL | PB170236BL | Tetrachloro-m-xyl | 1 | 20 | 27.3 | 137 | | 32 | 144 |
| | | Decachlorobiphen | 1 | 20 | 29.0 | 145 | | 32 | 175 |
| | | Tetrachloro-m-xyl | 2 | 20 | 26.1 | 130 | | 32 | 144 |
| | | Decachlorobiphen | 2 | 20 | 25.2 | 126 | | 32 | 175 |
| PB170236BS | PB170236BS | Tetrachloro-m-xyl | 1 | 20 | 26.7 | 134 | | 32 | 144 |
| | | Decachlorobiphen | 1 | 20 | 28.6 | 143 | | 32 | 175 |
| | | Tetrachloro-m-xyl | 2 | 20 | 21.3 | 107 | | 32 | 144 |
| | | Decachlorobiphen | 2 | 20 | 24.3 | 121 | | 32 | 175 |
| Q3447-03 | P001-TW2-251023-01 | Tetrachloro-m-xyl | 1 | 20 | 40.9 | 205 | * | 32 | 144 |
| | | Decachlorobiphen | 1 | 20 | 32.9 | 165 | | 32 | 175 |
| | | Tetrachloro-m-xyl | 2 | 20 | 265 | 1324 | * | 32 | 144 |
| | | Decachlorobiphen | 2 | 20 | 26.1 | 131 | | 32 | 175 |
| Q3447-07 | P001-TW4-251023-01 | Tetrachloro-m-xyl | 1 | 20 | 11.0 | 55 | | 32 | 144 |
| | | Decachlorobiphen | 1 | 20 | 34.2 | 171 | | 32 | 175 |
| | | Tetrachloro-m-xyl | 2 | 20 | 92.7 | 463 | * | 32 | 144 |
| | | Decachlorobiphen | 2 | 20 | 7.20 | 36 | | 32 | 175 |
| I.BLK-PP076082.D | PIBLK-PP076082.D | Tetrachloro-m-xyl | 1 | 20 | 18.9 | 95 | | 60 | 140 |
| | | Decachlorobiphen | 1 | 20 | 20.4 | 102 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 17.1 | 86 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 16.7 | 83 | | 60 | 140 |
| Q3447-05 | P001-TW3-251023-01 | Tetrachloro-m-xyl | 1 | 20 | 27.3 | 137 | | 32 | 144 |
| | | Decachlorobiphen | 1 | 20 | 30.0 | 150 | | 32 | 175 |
| | | Tetrachloro-m-xyl | 2 | 20 | 33.3 | 167 | * | 32 | 144 |
| | | Decachlorobiphen | 2 | 20 | 26.6 | 133 | | 32 | 175 |
| Q3447-01 | P001-TW1-251023-01 | Tetrachloro-m-xyl | 1 | 20 | 115 | 575 | * | 32 | 144 |
| | | Decachlorobiphen | 1 | 20 | 26.5 | 133 | | 32 | 175 |
| | | Tetrachloro-m-xyl | 2 | 20 | 934 | 4668 | * | 32 | 144 |
| | | Decachlorobiphen | 2 | 20 | 12.0 | 60 | | 32 | 175 |
| I.BLK-PP076097.D | PIBLK-PP076097.D | Tetrachloro-m-xyl | 1 | 20 | 18.7 | 93 | | 60 | 140 |
| | | Decachlorobiphen | 1 | 20 | 20.4 | 102 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 16.8 | 84 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 17.5 | 87 | | 60 | 140 |
| I.BLK-PP076115.D | PIBLK-PP076115.D | Tetrachloro-m-xyl | 1 | 20 | 18.3 | 92 | | 60 | 140 |

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## Surrogate Summary

**SDG No.:** Q3447

**Client:** Weston Solutions, Inc.

**Analytical Method:** 8082A

| Lab Sample ID | Client ID | Parameter | Column | Spike | Result | Recovery(%) | Qual | Limits(%) Low | Limits(%) High |
|---|---|---|---|---|---|---|---|---|---|
| I.BLK-PP076115.D | PIBLK-PP076115.D | Decachlorobiphen | 1 | 20 | 19.4 | 97 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 16.2 | 81 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 15.9 | 79 | | 60 | 140 |
| Q3447-03RE | P001-TW2-251023-01 | Tetrachloro-m-xyl | 1 | 20 | 44.3 | 221 | * | 32 | 144 |
| | | Decachlorobiphen | 1 | 20 | 33.8 | 169 | | 32 | 175 |
| | | Tetrachloro-m-xyl | 2 | 20 | 264 | 1318 | * | 32 | 144 |
| | | Decachlorobiphen | 2 | 20 | 23.7 | 119 | | 32 | 175 |
| Q3447-01RE | P001-TW1-251023-01 | Tetrachloro-m-xyl | 1 | 20 | 134 | 670 | * | 32 | 144 |
| | | Decachlorobiphen | 1 | 20 | 141 | 705 | * | 32 | 175 |
| | | Tetrachloro-m-xyl | 2 | 20 | 931 | 4655 | * | 32 | 144 |
| | | Decachlorobiphen | 2 | 20 | 11.0 | 55 | | 32 | 175 |
| I.BLK-PP076131.D | PIBLK-PP076131.D | Tetrachloro-m-xyl | 1 | 20 | 17.9 | 90 | | 60 | 140 |
| | | Decachlorobiphen | 1 | 20 | 18.8 | 94 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 16.3 | 81 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 16.2 | 81 | | 60 | 140 |
| I.BLK-PQ070972.D | PIBLK-PQ070972.D | Tetrachloro-m-xyl | 1 | 20 | 18.3 | 91 | | 60 | 140 |
| | | Decachlorobiphen | 1 | 20 | 19.0 | 95 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 19.1 | 96 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 19.4 | 97 | | 60 | 140 |
| I.BLK-PQ071150.D | PIBLK-PQ071150.D | Tetrachloro-m-xyl | 1 | 20 | 22.5 | 113 | | 60 | 140 |
| | | Decachlorobiphen | 1 | 20 | 25.7 | 129 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 19.9 | 100 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 24.5 | 122 | | 60 | 140 |
| Q3450-02MS | SS-5R-(3.5-4.0)MS | Tetrachloro-m-xyl | 1 | 20 | 23.4 | 117 | | 32 | 144 |
| | | Decachlorobiphen | 1 | 20 | 22.4 | 112 | | 32 | 175 |
| | | Tetrachloro-m-xyl | 2 | 20 | 18.7 | 94 | | 32 | 144 |
| | | Decachlorobiphen | 2 | 20 | 20.7 | 104 | | 32 | 175 |
| Q3450-02MSD | SS-5R-(3.5-4.0)MSD | Tetrachloro-m-xyl | 1 | 20 | 25.7 | 128 | | 32 | 144 |
| | | Decachlorobiphen | 1 | 20 | 24.0 | 120 | | 32 | 175 |
| | | Tetrachloro-m-xyl | 2 | 20 | 22.2 | 111 | | 32 | 144 |
| | | Decachlorobiphen | 2 | 20 | 22.9 | 114 | | 32 | 175 |
| I.BLK-PQ071165.D | PIBLK-PQ071165.D | Tetrachloro-m-xyl | 1 | 20 | 20.3 | 102 | | 60 | 140 |
| | | Decachlorobiphen | 1 | 20 | 23.5 | 117 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 18.4 | 92 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 22.2 | 111 | | 60 | 140 |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q3447 **Analytical Method:** 8082A

**Client:** Weston Solutions, Inc. **DataFile :** PQ071153.D

| | Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID:** | **Q3450-02MS (Column 1)** | **Client Sample ID:** | | **SS-5R-(3.5-4.0)MS** | | | | | | | | |
| | AR1016 | 192.7 | 0 | 121 | ug/kg | 63 | | | | 55 | 146 | |
| | AR1260 | 192.7 | 0 | 145 | ug/kg | 75 | | | | 54 | 119 | |
| **Lab Sample ID:** | **Q3450-02MS (Column 2)** | **Client Sample ID:** | | **SS-5R-(3.5-4.0)MS** | | | | | | | | |
| | AR1016 | 192.7 | 0 | 118 | ug/kg | 61 | | | | 55 | 146 | |
| | AR1260 | 192.7 | 0 | 123 | ug/kg | 64 | | | | 54 | 119 | |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q3447 **Analytical Method:** 8082A

**Client:** Weston Solutions, Inc. **DataFile :** PQ071154.D

| | Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID:** | **Q3450-02MSD (Column 1)** | **Client Sample ID:** | | **SS-5R-(3.5-4.0)MSD** | | | | | | | | |
| | AR1016 | 192.9 | 0 | 162 | ug/kg | 84 | | 29 | * | 55 | 146 | 15 |
| | AR1260 | 192.9 | 0 | 166 | ug/kg | 86 | | 14 | | 54 | 119 | 15 |
| **Lab Sample ID:** | **Q3450-02MSD (Column 2)** | **Client Sample ID:** | | **SS-5R-(3.5-4.0)MSD** | | | | | | | | |
| | AR1016 | 192.9 | 0 | 143 | ug/kg | 74 | | 19 | * | 55 | 146 | 15 |
| | AR1260 | 192.9 | 0 | 153 | ug/kg | 79 | | 21 | | 54 | 119 | 15 |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q3447 **Analytical Method:** 8082A

**Client:** Weston Solutions, Inc. **Datafile :** PP076069.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB170236BS (Column 1) | AR1016 | 166.6 | 145 | ug/kg | 87 | | | | 71 | 120 | |
| | AR1260 | 166.6 | 149 | ug/kg | 89 | | | | 65 | 130 | |
| PB170236BS (Column 2) | AR1016 | 166.6 | 127 | ug/kg | 76 | | | | 71 | 120 | |
| | AR1260 | 166.6 | 143 | ug/kg | 86 | | | | 65 | 130 | |

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170236BL

Lab Name: Alliance | Contract: ROYF02

Lab Code: ACE | SDG NO.: Q3447

Lab Sample ID: PB170236BL | Lab File ID: PP076068.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/24/2025

Date Analyzed (1): 10/27/2025 | Date Analyzed (2): 10/27/2025

Time Analyzed (1): 10:18 | Time Analyzed (2): 10:18

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)

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 |
|---|---|---|---|---|
| PB170236BS | PB170236BS | PP076069.D | 10/27/2025 | 10/27/2025 |
| P001-TW2-251023-01 | Q3447-03 | PP076075.D | 10/27/2025 | 10/27/2025 |
| P001-TW4-251023-01 | Q3447-07 | PP076076.D | 10/27/2025 | 10/27/2025 |
| P001-TW3-251023-01 | Q3447-05 | PP076087.D | 10/27/2025 | 10/27/2025 |
| P001-TW1-251023-01 | Q3447-01 | PP076088.D | 10/27/2025 | 10/27/2025 |
| SS-5R-(3.5-4.0)MS | Q3450-02MS | PQ071153.D | 10/27/2025 | 10/27/2025 |
| SS-5R-(3.5-4.0)MSD | Q3450-02MSD | PQ071154.D | 10/27/2025 | 10/27/2025 |

COMMENTS:

# SAMPLE DATA

Raw Data: **PP076088.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/23/25 |
| Project: | RFP 905 | Date Received: | 10/23/25 |
| Client Sample ID: | P001-TW1-251023-01 | SDG No.: | Q3447 |
| Lab Sample ID: | Q3447-01 | Matrix: | SOIL |
| Analytical Method: | 8082A | % Solid: | 100 |
| Sample Wt/Vol: | 30.07 g | Final Vol: 10000 uL | Test: PCB |
| Prep Method: | SW3541 | Prep Date 10/24/25 | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 197 | U | 50 | 197 | 848 | ug/kg | 10/27/25 16:50 | PB170236 |
| 11104-28-2 | Aroclor-1221 | 201 | U | 50 | 201 | 848 | ug/kg | 10/27/25 16:50 | PB170236 |
| 11141-16-5 | Aroclor-1232 | 186 | U | 50 | 186 | 848 | ug/kg | 10/27/25 16:50 | PB170236 |
| 53469-21-9 | Aroclor-1242 | 200 | U | 50 | 200 | 848 | ug/kg | 10/27/25 16:50 | PB170236 |
| 12672-29-6 | Aroclor-1248 | 295 | U | 50 | 295 | 848 | ug/kg | 10/27/25 16:50 | PB170236 |
| 11097-69-1 | Aroclor-1254 | 160 | U | 50 | 160 | 848 | ug/kg | 10/27/25 16:50 | PB170236 |
| 37324-23-5 | Aroclor-1262 | 250 | U | 50 | 250 | 848 | ug/kg | 10/27/25 16:50 | PB170236 |
| 11100-14-4 | Aroclor-1268 | 180 | U | 50 | 180 | 848 | ug/kg | 10/27/25 16:50 | PB170236 |
| 11096-82-5 | Aroclor-1260 | 161 | U | 50 | 161 | 848 | ug/kg | 10/27/25 16:50 | PB170236 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 934 | * | | 32 - 144 | 4668% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 26.5 | | | 32 - 175 | 133% | SPK: 20 | | |

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: **PP076088.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076088.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 16:50
Operator : YP\AJ
Sample : Q3447-01 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW1-251023-01

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:04:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.622 | 3.809f | 3285992 | 123.6E6 | 2.299m | 18.668m# |
| 2) | SA Decachlor... | 10.406 | 8.777 | 565777 | 2006183 | 0.526m | 0.244 # |
| | Target Compounds | | | | | | |

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

Sample Results: **PP076088.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076088.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 16:50
Operator : YP\AJ
Sample : Q3447-01 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

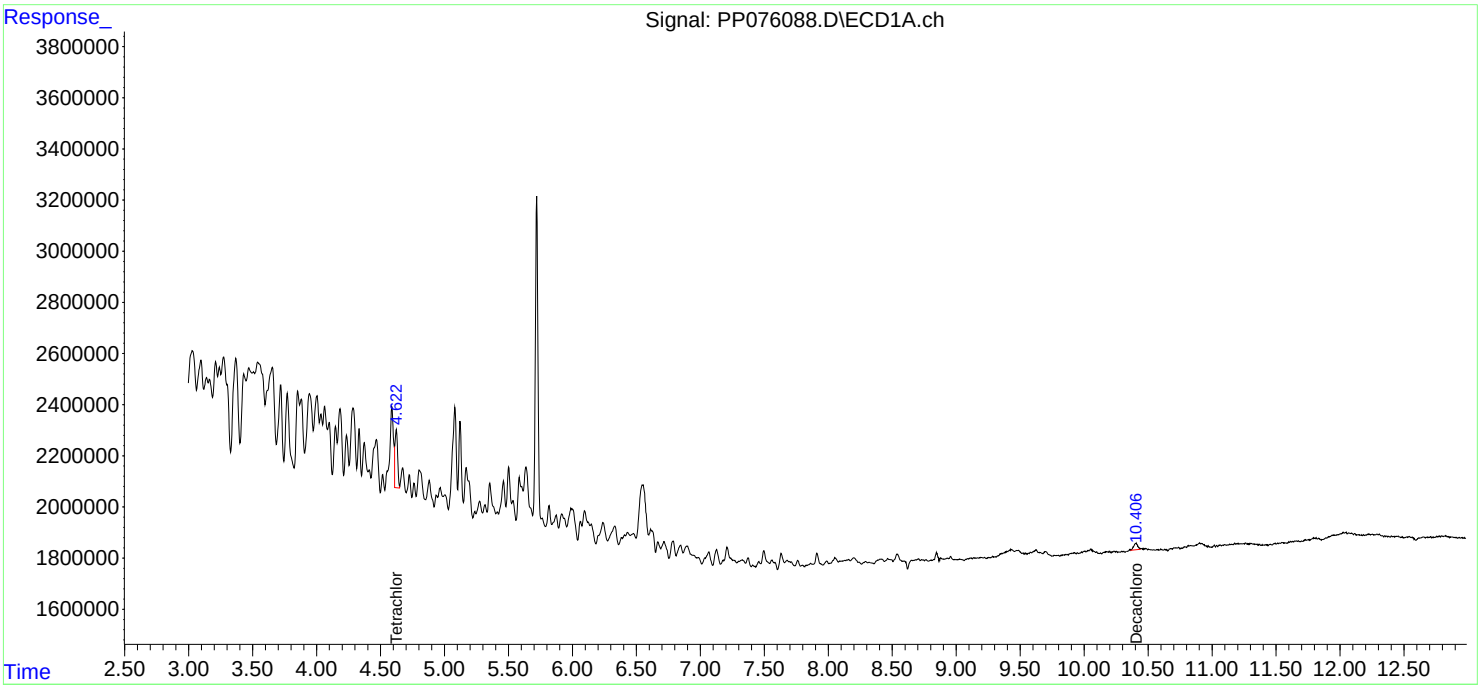
**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW1-251023-01

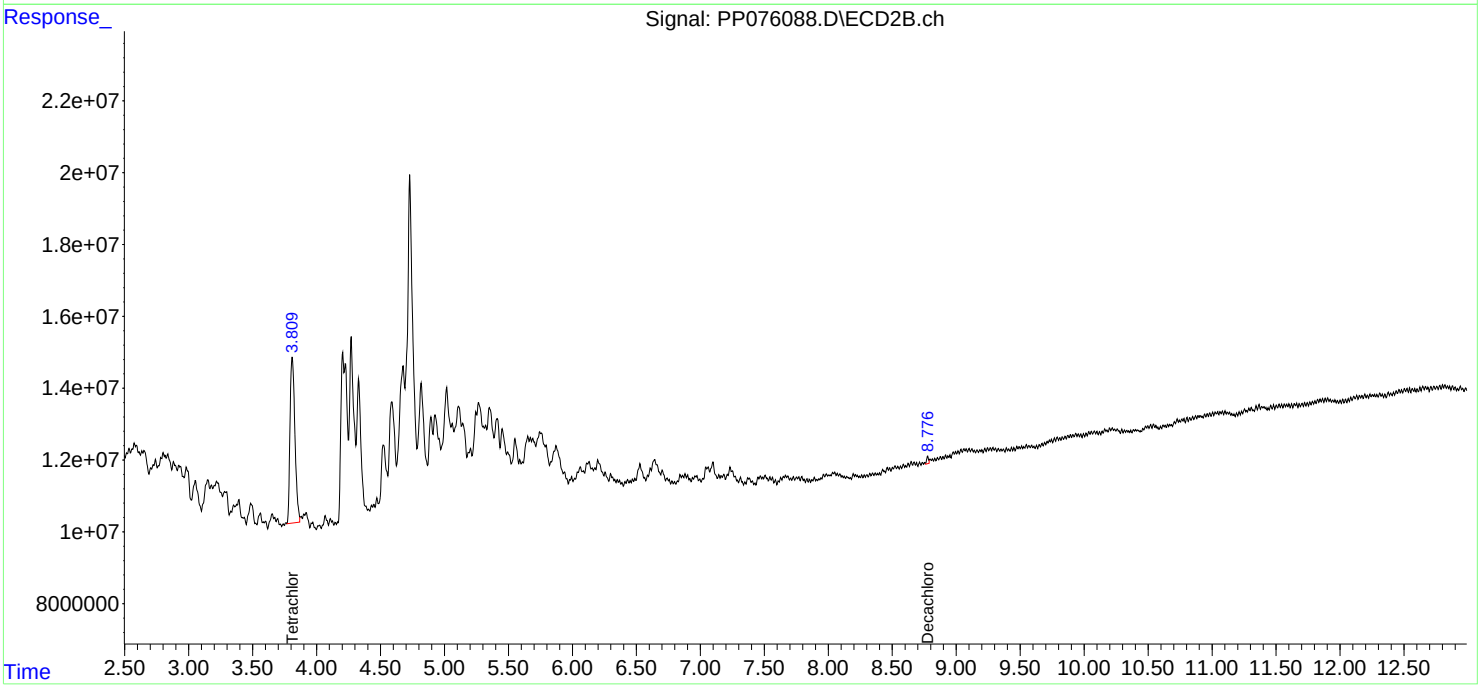
**Manual Integrations APPROVED**

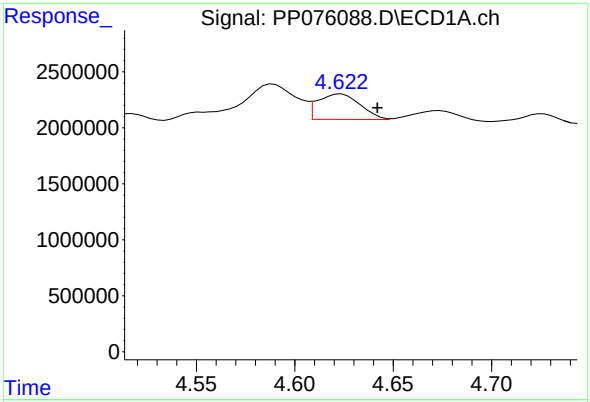
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:04:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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





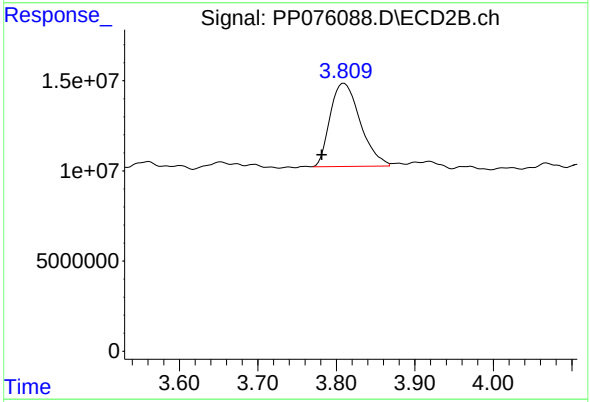

#1 Tetrachloro-m-xylene

R.T.: 4.622 min
Delta R.T.: -0.020 min
Response: 3285992
Conc: 2.30 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW1-251023-01

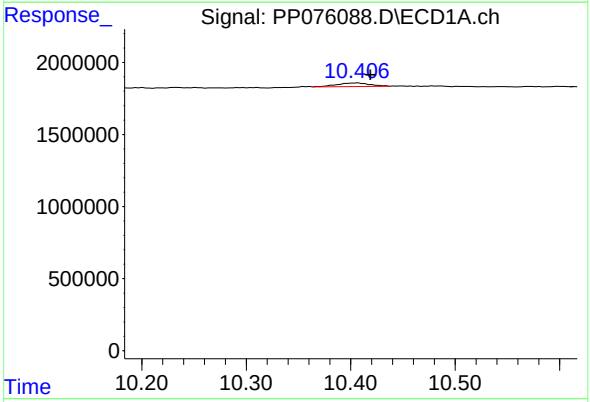
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



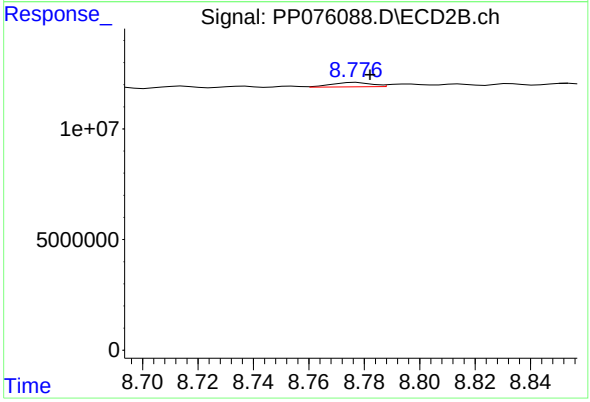

#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: 0.027 min
Response: 123552822
Conc: 18.67 ng/ml m




#2 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.013 min
Response: 565777
Conc: 0.53 ng/ml m




#2 Decachlorobiphenyl

R.T.: 8.777 min
Delta R.T.: -0.005 min
Response: 2006183
Conc: 0.24 ng/ml

Raw Data: **PP076120.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/23/25 |
| Project: | RFP 905 | Date Received: | 10/23/25 |
| Client Sample ID: | P001-TW1-251023-01 | SDG No.: | Q3447 |
| Lab Sample ID: | Q3447-01RE | Matrix: | SOIL |
| Analytical Method: | 8082A | % Solid: | 100 |
| Sample Wt/Vol: | 30.07 g | Final Vol: 10000 uL | Test: PCB |
| Prep Method: | SW3541 | Prep Date 10/24/25 | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 197 | U | 50 | 197 | 848 | ug/kg | 10/28/25 12:09 | PB170236 |
| 11104-28-2 | Aroclor-1221 | 201 | U | 50 | 201 | 848 | ug/kg | 10/28/25 12:09 | PB170236 |
| 11141-16-5 | Aroclor-1232 | 186 | U | 50 | 186 | 848 | ug/kg | 10/28/25 12:09 | PB170236 |
| 53469-21-9 | Aroclor-1242 | 200 | U | 50 | 200 | 848 | ug/kg | 10/28/25 12:09 | PB170236 |
| 12672-29-6 | Aroclor-1248 | 295 | U | 50 | 295 | 848 | ug/kg | 10/28/25 12:09 | PB170236 |
| 11097-69-1 | Aroclor-1254 | 160 | U | 50 | 160 | 848 | ug/kg | 10/28/25 12:09 | PB170236 |
| 37324-23-5 | Aroclor-1262 | 250 | U | 50 | 250 | 848 | ug/kg | 10/28/25 12:09 | PB170236 |
| 11100-14-4 | Aroclor-1268 | 180 | U | 50 | 180 | 848 | ug/kg | 10/28/25 12:09 | PB170236 |
| 11096-82-5 | Aroclor-1260 | 161 | U | 50 | 161 | 848 | ug/kg | 10/28/25 12:09 | PB170236 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 931 | * | | 32 - 144 | 4655% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 141 | * | | 32 - 175 | 705% | SPK: 20 | | |

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: **PP076120.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076120.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:09
Operator : YP\AJ
Sample : Q3447-01RE 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW1-251023-01

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 14:05:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.624 | 3.812f | 3834805 | 123.2E6 | 2.683m | 18.622m# |
| 2) | SA Decachlor... | 10.407 | 8.780 | 3032665 | 1788403 | 2.817 | 0.217 # |
| | Target Compounds | | | | | | |

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

Sample Results: **PP076120.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076120.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:09
Operator : YP\AJ
Sample : Q3447-01RE 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

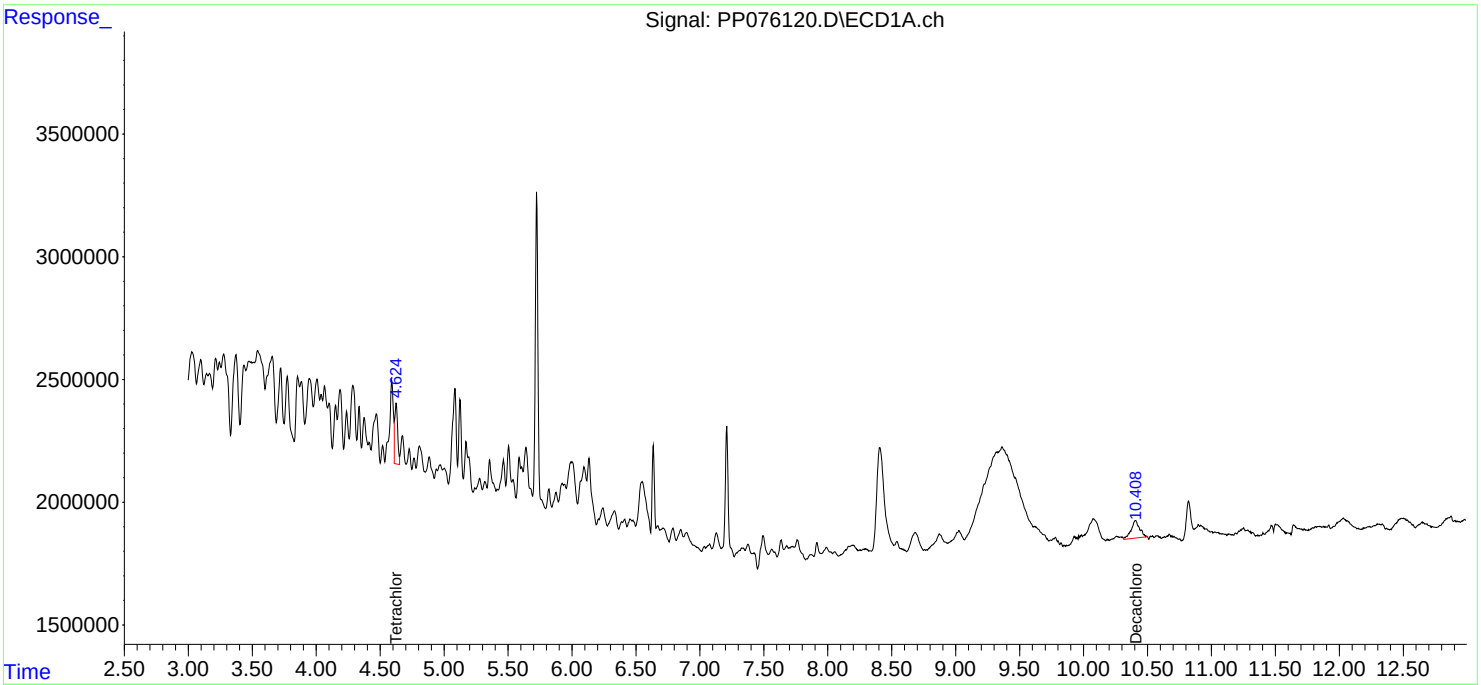
**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW1-251023-01

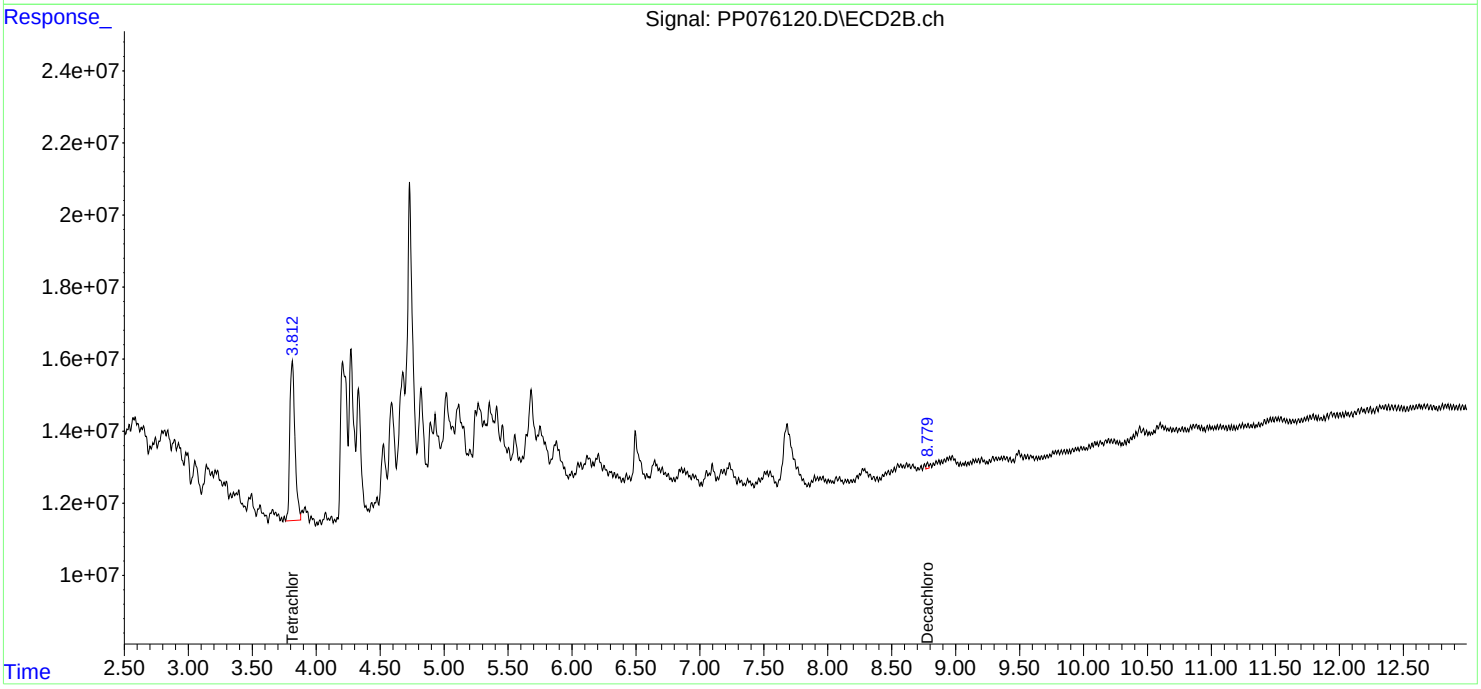
**Manual Integrations APPROVED**

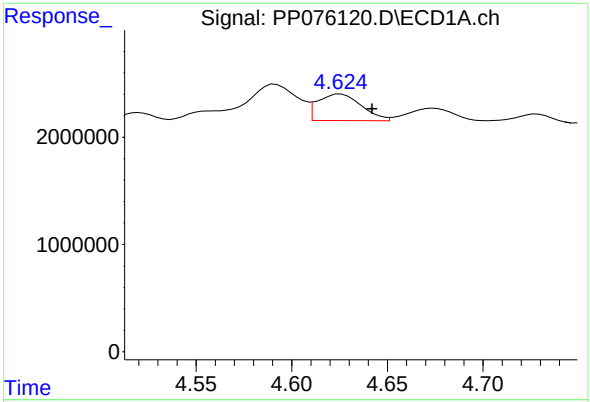
Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 14:05:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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





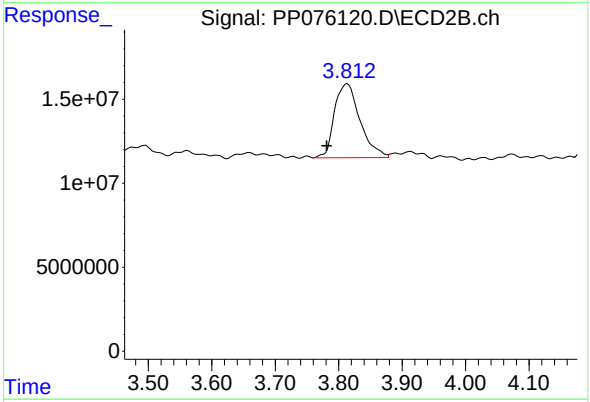

#1 Tetrachloro-m-xylene

R.T.: 4.624 min
Delta R.T.: -0.018 min
Response: 3834805
Conc: 2.68 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW1-251023-01

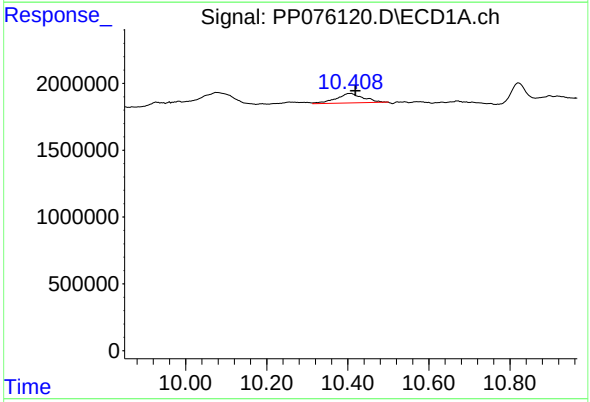
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



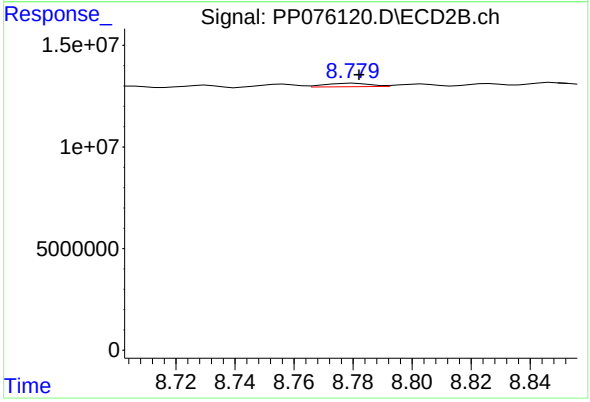

#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.031 min
Response: 123244980
Conc: 18.62 ng/ml m




#2 Decachlorobiphenyl

R.T.: 10.407 min
Delta R.T.: -0.012 min
Response: 3032665
Conc: 2.82 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: -0.002 min
Response: 1788403
Conc: 0.22 ng/ml

Raw Data: **PP076075.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/23/25 |
| Project: | RFP 905 | Date Received: | 10/23/25 |
| Client Sample ID: | P001-TW2-251023-01 | SDG No.: | Q3447 |
| Lab Sample ID: | Q3447-03 | Matrix: | SOIL |
| Analytical Method: | 8082A | % Solid: | 91.7 |
| Sample Wt/Vol: | 30.04 g Final Vol: 10000 uL | Test: | PCB |
| Prep Method: | SW3541 Prep Date 10/24/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 43.0 | U | 10 | 43.0 | 185 | ug/kg | 10/27/25 12:30 | PB170236 |
| 11104-28-2 | Aroclor-1221 | 43.9 | U | 10 | 43.9 | 185 | ug/kg | 10/27/25 12:30 | PB170236 |
| 11141-16-5 | Aroclor-1232 | 40.5 | U | 10 | 40.5 | 185 | ug/kg | 10/27/25 12:30 | PB170236 |
| 53469-21-9 | Aroclor-1242 | 43.7 | U | 10 | 43.7 | 185 | ug/kg | 10/27/25 12:30 | PB170236 |
| 12672-29-6 | Aroclor-1248 | 64.5 | U | 10 | 64.5 | 185 | ug/kg | 10/27/25 12:30 | PB170236 |
| 11097-69-1 | Aroclor-1254 | 820 | | 10 | 35.0 | 185 | ug/kg | 10/27/25 12:30 | PB170236 |
| 37324-23-5 | Aroclor-1262 | 54.7 | U | 10 | 54.7 | 185 | ug/kg | 10/27/25 12:30 | PB170236 |
| 11100-14-4 | Aroclor-1268 | 39.2 | U | 10 | 39.2 | 185 | ug/kg | 10/27/25 12:30 | PB170236 |
| 11096-82-5 | Aroclor-1260 | 773 | P | 10 | 35.2 | 185 | ug/kg | 10/27/25 12:30 | PB170236 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 265 | * | | 32 - 144 | 1324% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 32.9 | | | 32 - 175 | 165% | SPK: 20 | | |

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\PP102725\
Data File : PP076075.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 12:30
Operator : YP\AJ
Sample : Q3447-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:01:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.628 | 3.813f | 5843673 | 175.2E6 | 4.089m | 26.471 # |
| 2) | SA Decachlor... | 10.406 | 8.772 | 3545573 | 21442512 | 3.294 | 2.608 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.637 | 5.655 | 18013241 | 168.9E6 | 225.466 | 299.474 # |
| 27) | L6 AR-1254-2 | 6.856 | 5.801 | 22333551 | 88508172 | 223.371 | 166.971 # |
| 28) | L6 AR-1254-3 | 7.217 | 6.207 | 17152536 | 148.8E6 | 165.000 | 174.793 |
| 29) | L6 AR-1254-4 | 7.498 | 6.432 | 12674140 | 53932147 | 151.580 | 85.636 # |
| 30) | L6 AR-1254-5 | 7.916 | 6.845 | 33391198 | 142.8E6 | 364.649 | 198.415 # |
| 31) | L7 AR-1260-1 | 7.380 | 6.334 | 16497391 | 90162872 | 239.939 | 164.622 # |
| 32) | L7 AR-1260-2 | 7.633 | 6.521 | 22323928 | 120.1E6 | 249.214 | 147.587 # |
| 33) | L7 AR-1260-3 | 7.992 | 6.673 | 13355449 | 60293312 | 192.757 | 107.139 # |
| 34) | L7 AR-1260-4 | 8.217 | 7.142 | 14588441 | 62116337 | 212.748m | 119.608 # |
| 35) | L7 AR-1260-5 | 8.544 | 7.382 | 25180309 | 205.6E6 | 170.193 | 151.698 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076075.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 12:30
Operator : YP\AJ
Sample : Q3447-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

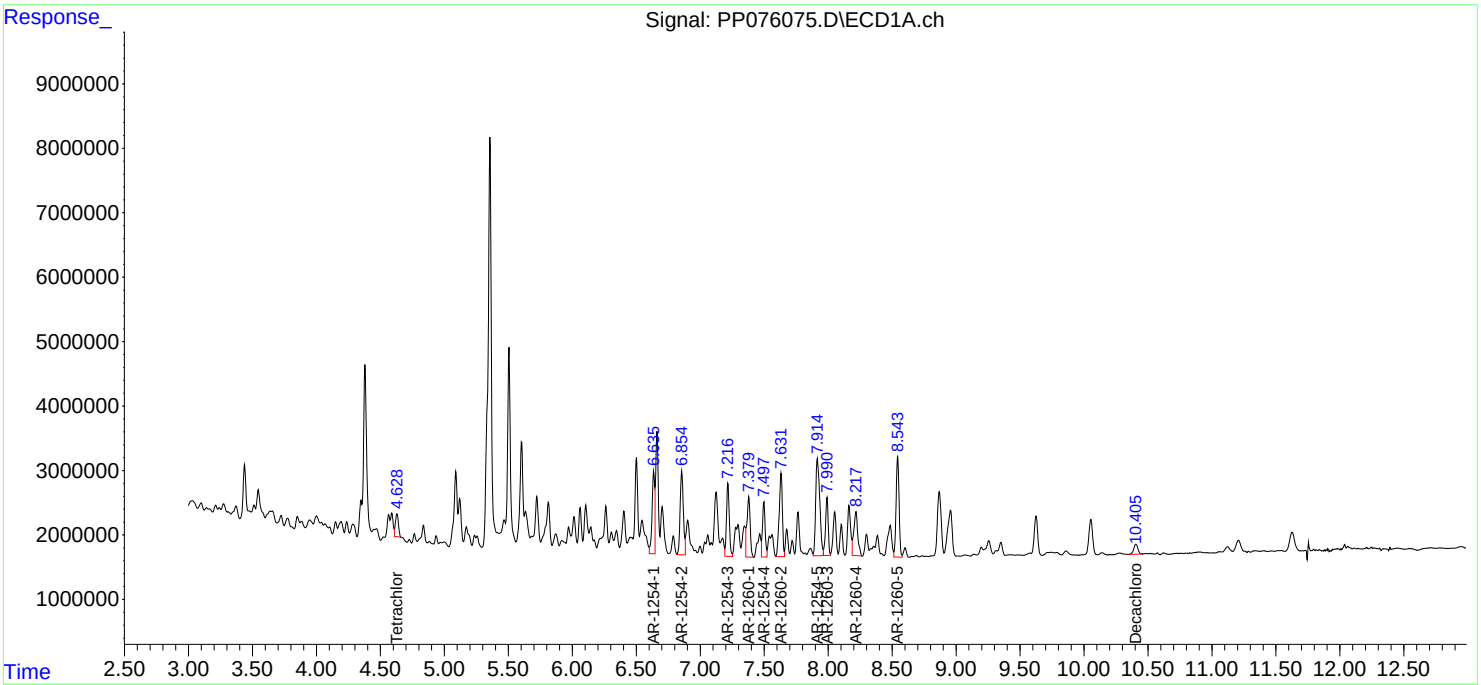
**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

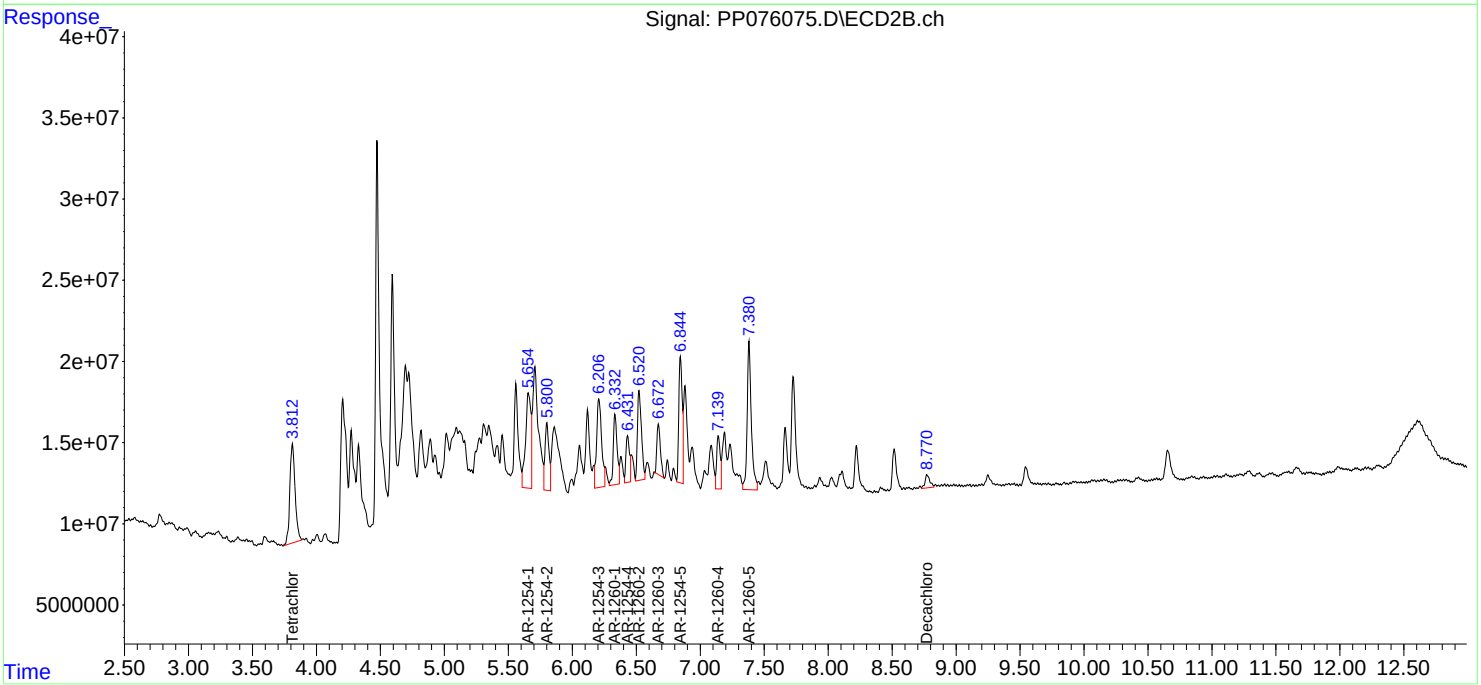
**Manual Integrations APPROVED**

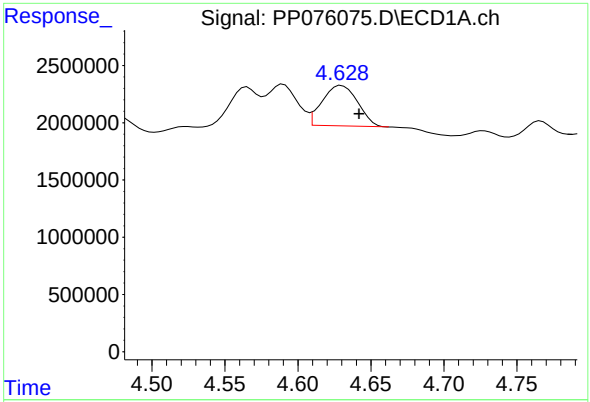
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:01:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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





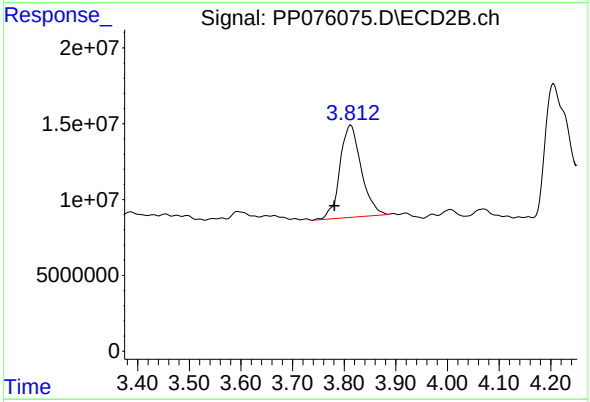

#1 Tetrachloro-m-xylene

R.T.: 4.628 min
Delta R.T.: -0.014 min
Response: 5843673
Conc: 4.09 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

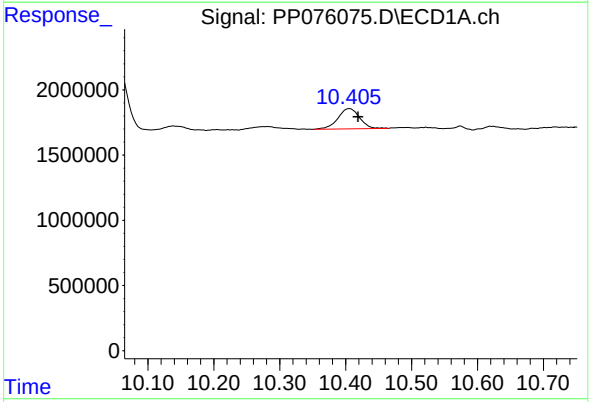
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



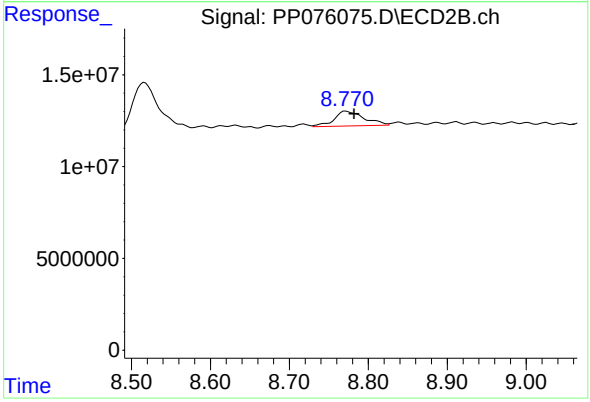

#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.032 min
Response: 175195530
Conc: 26.47 ng/ml



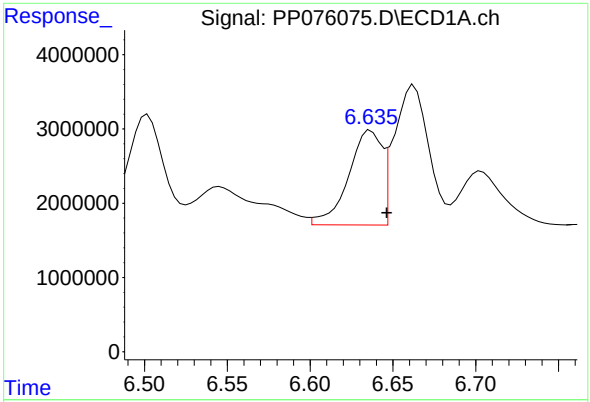

#2 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.013 min
Response: 3545573
Conc: 3.29 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.772 min
Delta R.T.: -0.010 min
Response: 21442512
Conc: 2.61 ng/ml



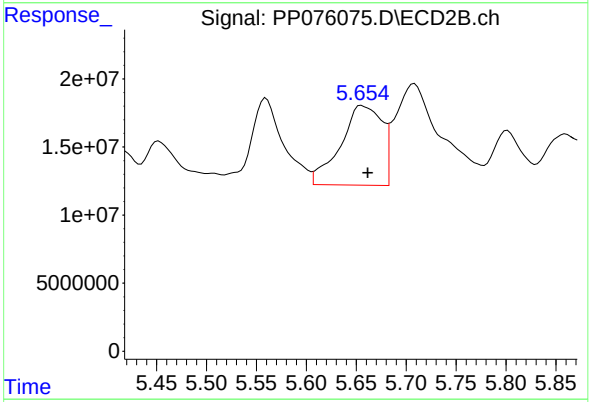

#26 AR-1254-1

R.T.: 6.637 min
Delta R.T.: -0.010 min
Response: 18013241
Conc: 225.47 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

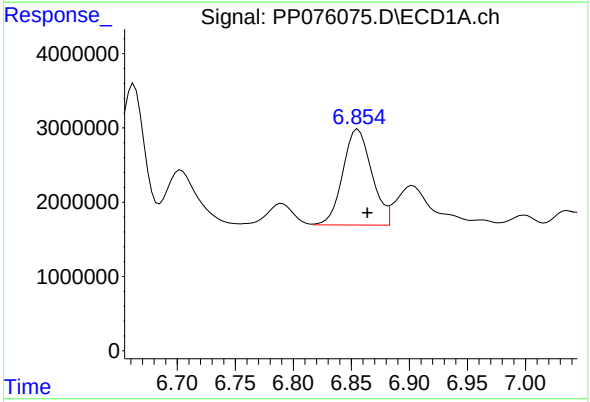
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



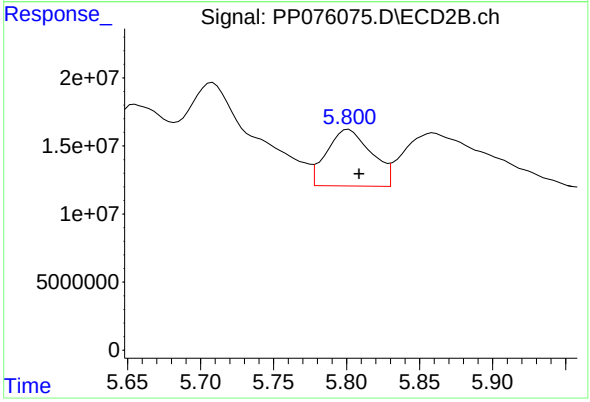

#26 AR-1254-1

R.T.: 5.655 min
Delta R.T.: -0.006 min
Response: 168903198
Conc: 299.47 ng/ml



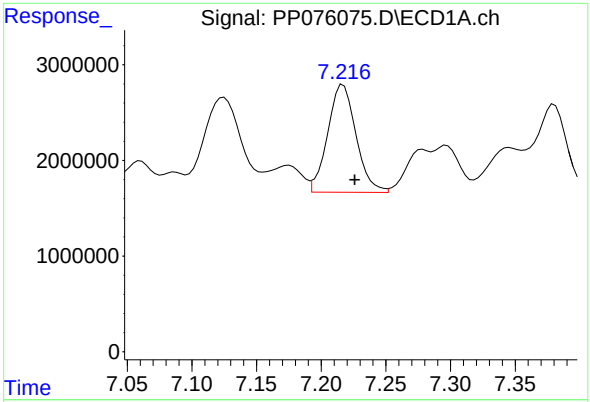

#27 AR-1254-2

R.T.: 6.856 min
Delta R.T.: -0.008 min
Response: 22333551
Conc: 223.37 ng/ml




#27 AR-1254-2

R.T.: 5.801 min
Delta R.T.: -0.007 min
Response: 88508172
Conc: 166.97 ng/ml



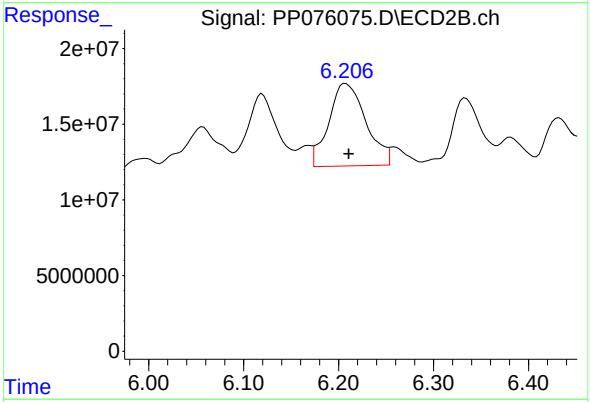

#28 AR-1254-3

R.T.: 7.217 min
Delta R.T.: -0.009 min
Response: 17152536
Conc: 165.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

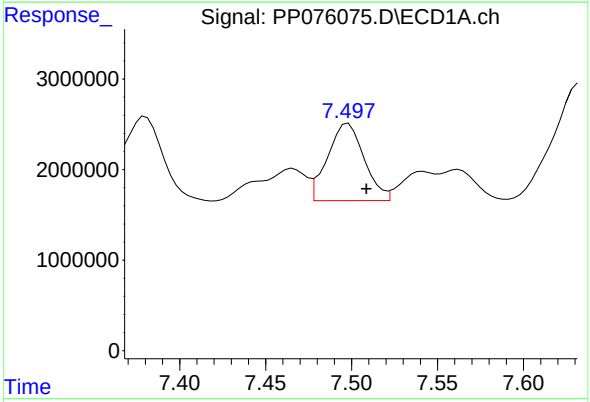
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



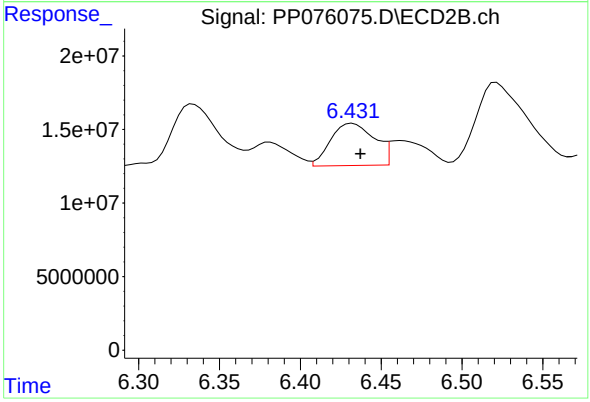

#28 AR-1254-3

R.T.: 6.207 min
Delta R.T.: -0.003 min
Response: 148764835
Conc: 174.79 ng/ml



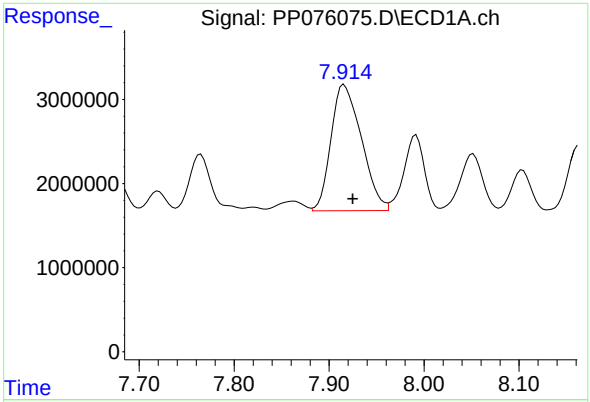

#29 AR-1254-4

R.T.: 7.498 min
Delta R.T.: -0.011 min
Response: 12674140
Conc: 151.58 ng/ml




#29 AR-1254-4

R.T.: 6.432 min
Delta R.T.: -0.005 min
Response: 53932147
Conc: 85.64 ng/ml



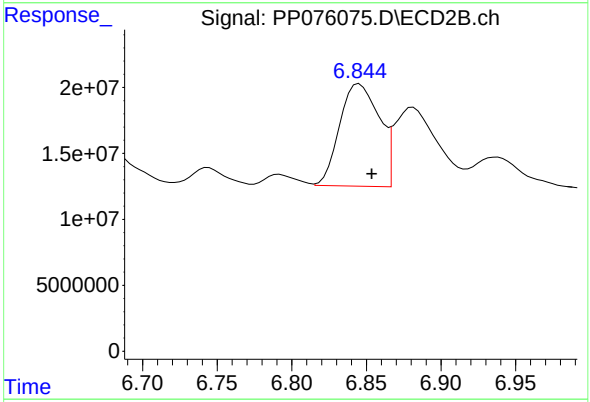

#30 AR-1254-5

R.T.: 7.916 min
Delta R.T.: -0.009 min
Response: 33391198
Conc: 364.65 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

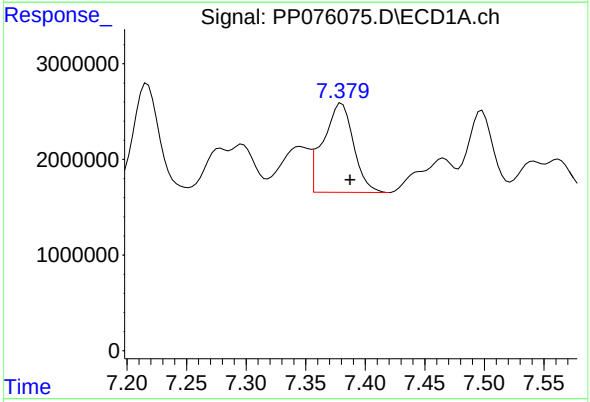
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



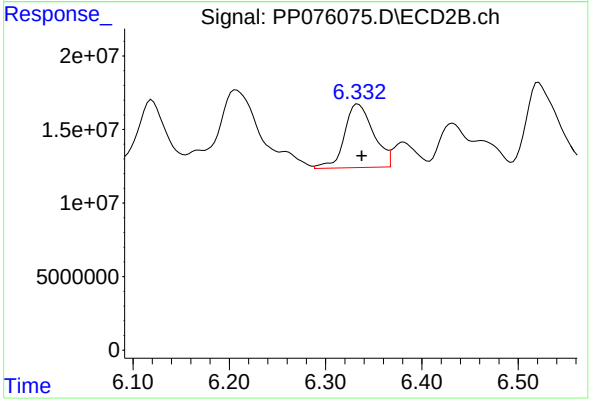

#30 AR-1254-5

R.T.: 6.845 min
Delta R.T.: -0.008 min
Response: 142835638
Conc: 198.42 ng/ml



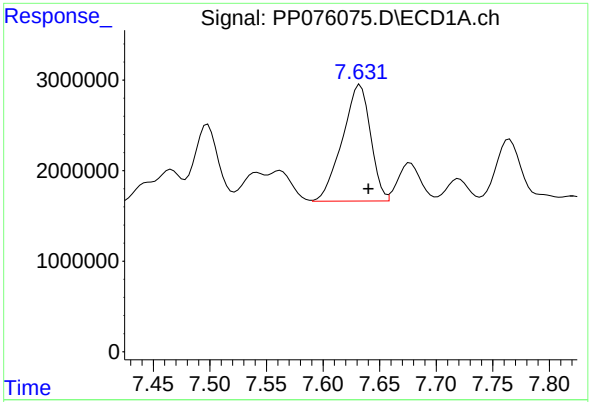

#31 AR-1260-1

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 16497391
Conc: 239.94 ng/ml




#31 AR-1260-1

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 90162872
Conc: 164.62 ng/ml



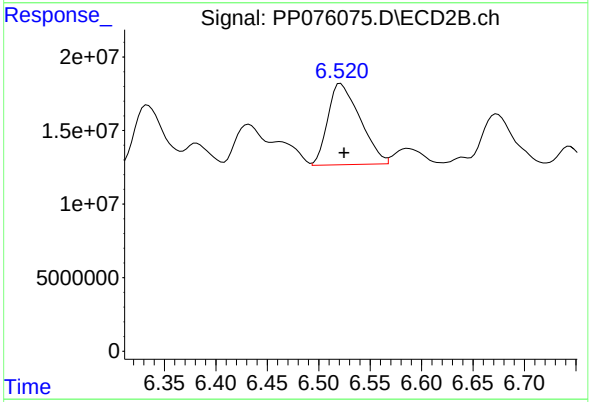

#32 AR-1260-2

R.T.: 7.633 min
Delta R.T.: -0.007 min
Response: 22323928
Conc: 249.21 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

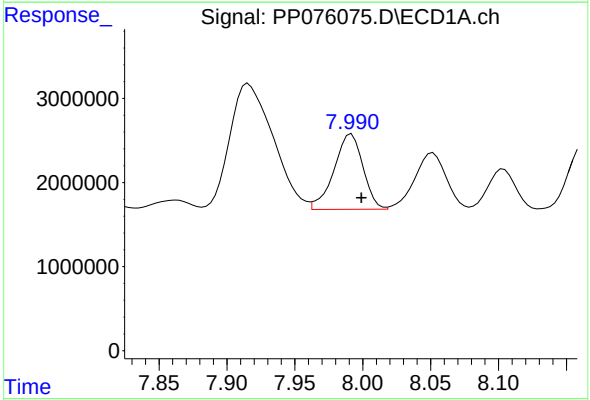
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



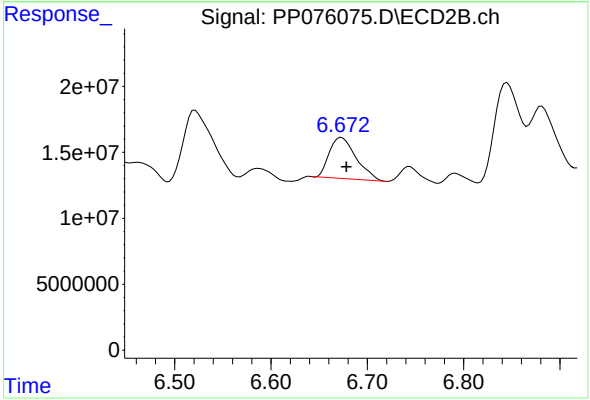

#32 AR-1260-2

R.T.: 6.521 min
Delta R.T.: -0.003 min
Response: 120096648
Conc: 147.59 ng/ml



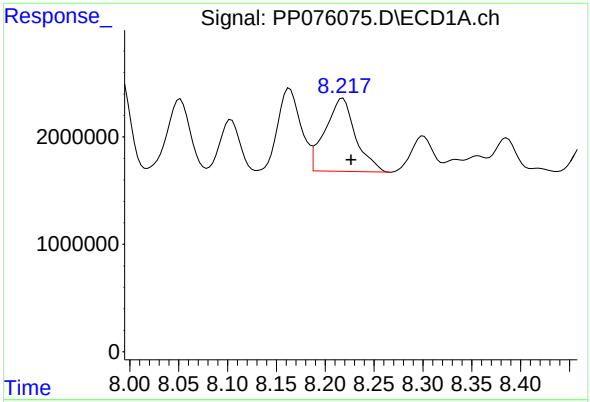

#33 AR-1260-3

R.T.: 7.992 min
Delta R.T.: -0.008 min
Response: 13355449
Conc: 192.76 ng/ml




#33 AR-1260-3

R.T.: 6.673 min
Delta R.T.: -0.005 min
Response: 60293312
Conc: 107.14 ng/ml



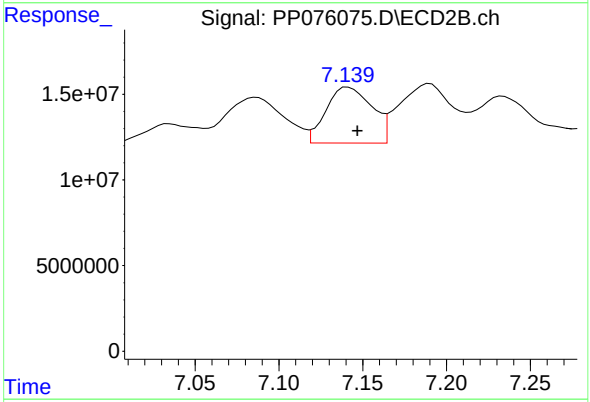

#34 AR-1260-4

R.T.: 8.217 min
Delta R.T.: -0.010 min
Response: 14588441
Conc: 212.75 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

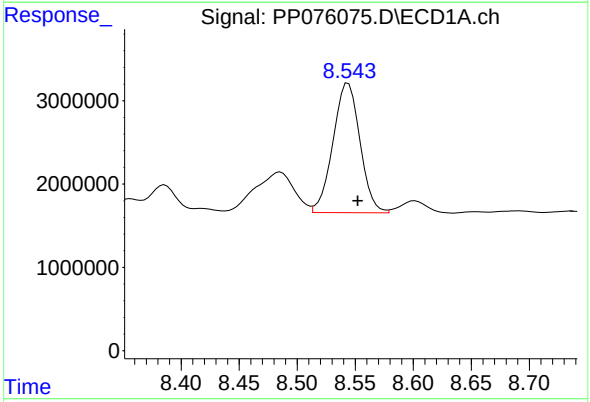
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



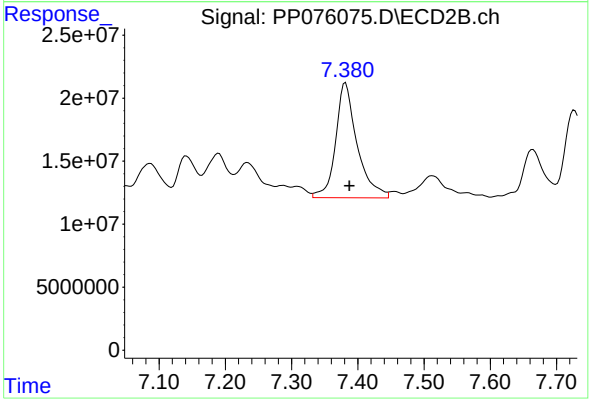

#34 AR-1260-4

R.T.: 7.142 min
Delta R.T.: -0.005 min
Response: 62116337
Conc: 119.61 ng/ml




#35 AR-1260-5

R.T.: 8.544 min
Delta R.T.: -0.008 min
Response: 25180309
Conc: 170.19 ng/ml




#35 AR-1260-5

R.T.: 7.382 min
Delta R.T.: -0.006 min
Response: 205635473
Conc: 151.70 ng/ml

Raw Data: **PP076119.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/23/25 |
| Project: | RFP 905 | Date Received: | 10/23/25 |
| Client Sample ID: | P001-TW2-251023-01 | SDG No.: | Q3447 |
| Lab Sample ID: | Q3447-03RE | Matrix: | SOIL |
| Analytical Method: | 8082A | % Solid: | 91.7 |
| Sample Wt/Vol: | 30.04 g Final Vol: 10000 uL | Test: | PCB |
| Prep Method: | SW3541 Prep Date 10/24/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 43.0 | U | 10 | 43.0 | 185 | ug/kg | 10/28/25 11:53 | PB170236 |
| 11104-28-2 | Aroclor-1221 | 43.9 | U | 10 | 43.9 | 185 | ug/kg | 10/28/25 11:53 | PB170236 |
| 11141-16-5 | Aroclor-1232 | 40.5 | U | 10 | 40.5 | 185 | ug/kg | 10/28/25 11:53 | PB170236 |
| 53469-21-9 | Aroclor-1242 | 43.7 | U | 10 | 43.7 | 185 | ug/kg | 10/28/25 11:53 | PB170236 |
| 12672-29-6 | Aroclor-1248 | 64.5 | U | 10 | 64.5 | 185 | ug/kg | 10/28/25 11:53 | PB170236 |
| 11097-69-1 | Aroclor-1254 | 892 | | 10 | 35.0 | 185 | ug/kg | 10/28/25 11:53 | PB170236 |
| 37324-23-5 | Aroclor-1262 | 54.7 | U | 10 | 54.7 | 185 | ug/kg | 10/28/25 11:53 | PB170236 |
| 11100-14-4 | Aroclor-1268 | 39.2 | U | 10 | 39.2 | 185 | ug/kg | 10/28/25 11:53 | PB170236 |
| 11096-82-5 | Aroclor-1260 | 772 | | 10 | 35.2 | 185 | ug/kg | 10/28/25 11:53 | PB170236 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 264 | * | | 32 - 144 | 1318% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 33.8 | | | 32 - 175 | 169% | SPK: 20 | | |

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: **PP076119.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 11:53
Operator : YP\AJ
Sample : Q3447-03RE 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 14:04:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.626 | 3.812f | 6324699 | 174.5E6 | 4.426m | 26.361 | # |
| 2) | SA Decachlor... | 10.399 | 8.776 | 3640908 | 19514078 | 3.382 | 2.373 | # |
| | Target Compounds | | | | | | | |
| 26) | L6 AR-1254-1 | 6.660 | 5.654 | 27049988 | 179.0E6 | 338.576 | 317.424 | |
| 27) | L6 AR-1254-2 | 6.852 | 5.800 | 22114360 | 96546620 | 221.178 | 182.136 | |
| 28) | L6 AR-1254-3 | 7.214 | 6.205 | 17375059 | 181.2E6 | 167.141 | 212.960 | # |
| 29) | L6 AR-1254-4 | 7.495 | 6.429 | 12536756 | 71198522 | 149.936 | 113.053 | |
| 30) | L6 AR-1254-5 | 7.912 | 6.843 | 32236978 | 141.0E6 | 352.044 | 195.843 | # |
| 31) | L7 AR-1260-1 | 7.377 | 6.333 | 16040802 | 96058952 | 233.298 | 175.388 | |
| 32) | L7 AR-1260-2 | 7.630 | 6.521 | 22776890 | 130.9E6 | 254.271 | 160.910 | # |
| 33) | L7 AR-1260-3 | 7.988 | 6.670 | 13249753 | 77733323 | 191.231 | 138.129m | # |
| 34) | L7 AR-1260-4 | 8.213 | 7.139 | 14582456 | 66114533 | 212.661m | 127.307 | # |
| 35) | L7 AR-1260-5 | 8.541 | 7.380 | 25342520 | 220.3E6 | 171.289 | 162.499 | |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 11:53
Operator : YP\AJ
Sample : Q3447-03RE 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

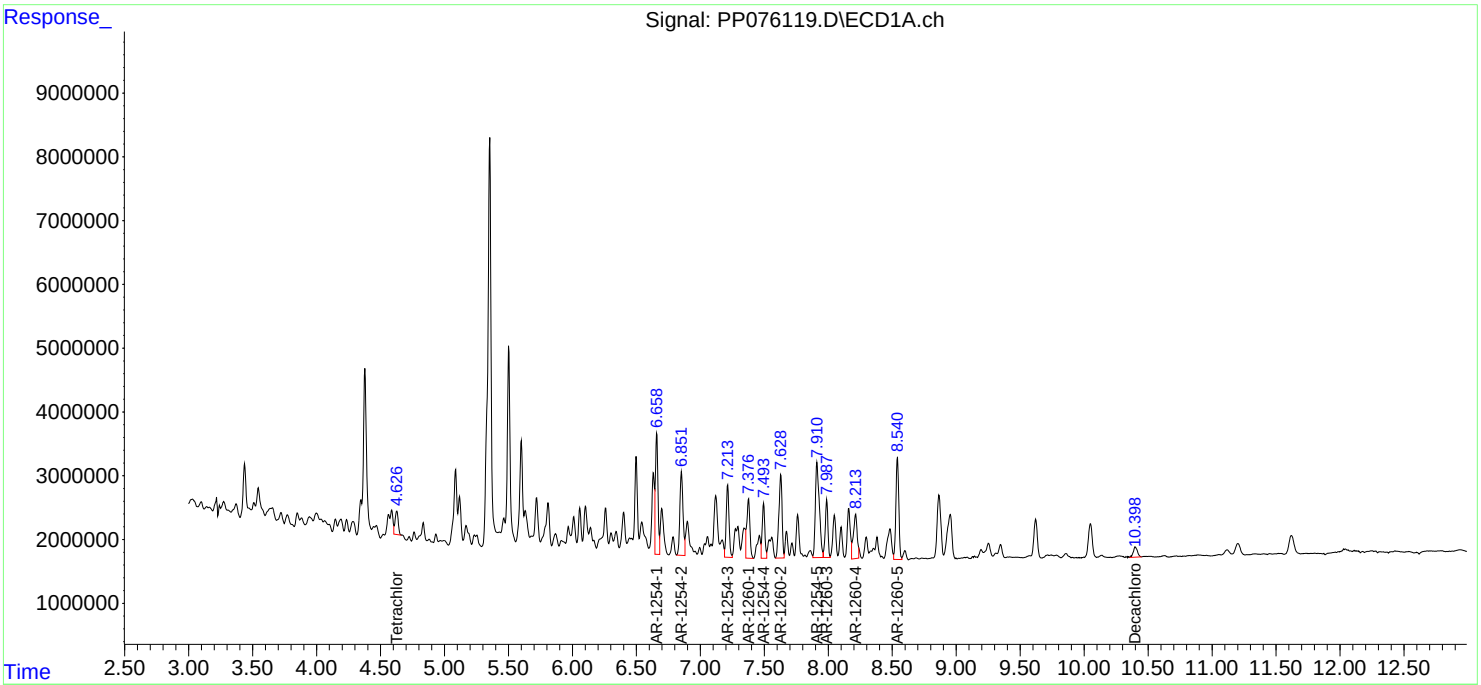
**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

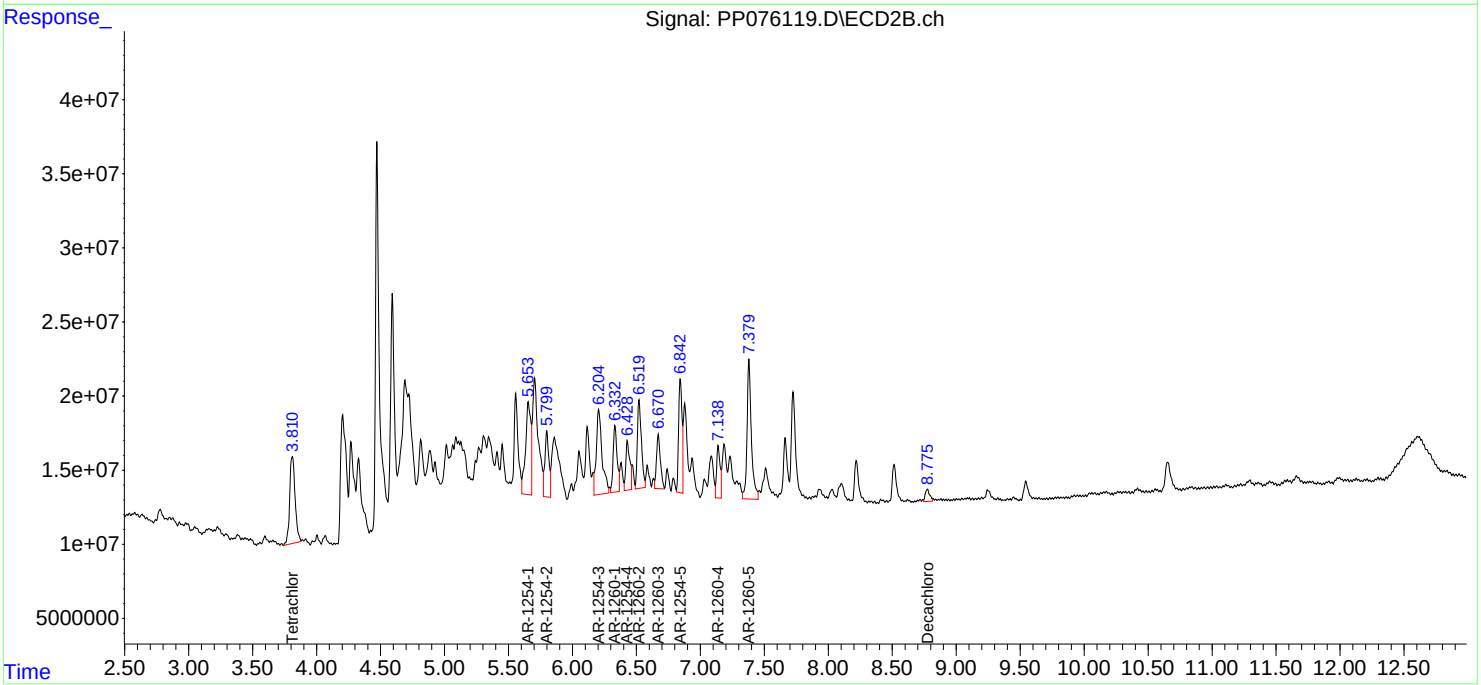
**Manual Integrations APPROVED**

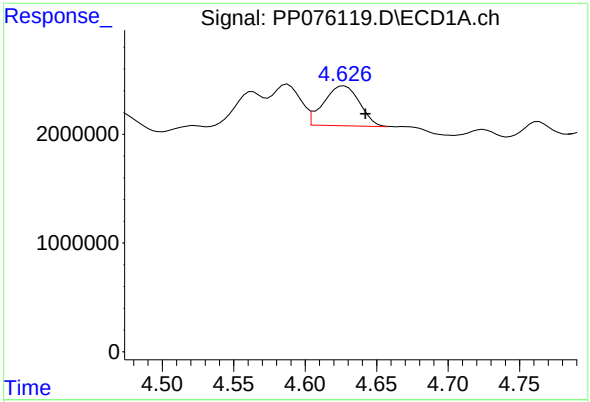
Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 14:04:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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





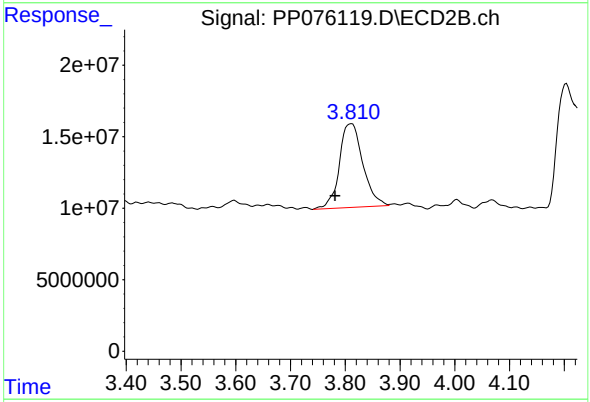

#1 Tetrachloro-m-xylene

R.T.: 4.626 min
Delta R.T.: -0.016 min
Response: 6324699
Conc: 4.43 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

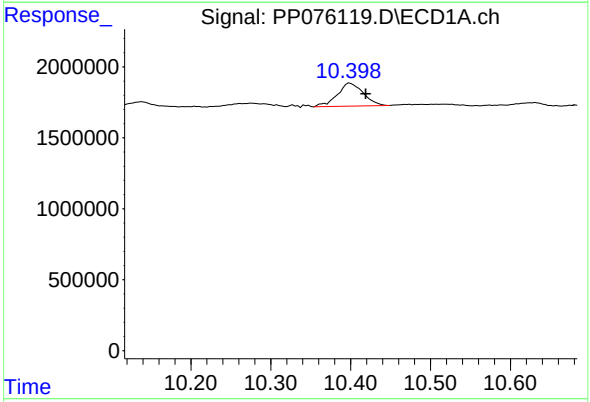
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



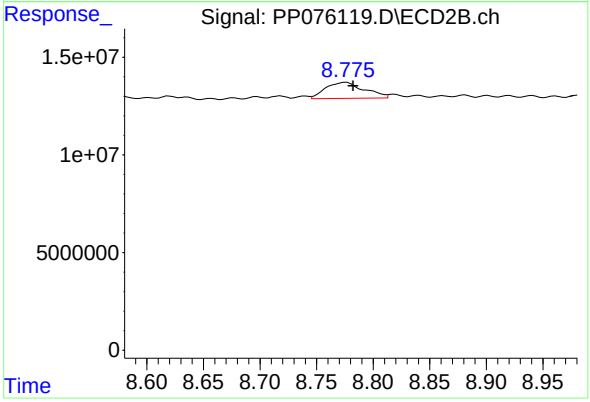

#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.031 min
Response: 174465698
Conc: 26.36 ng/ml



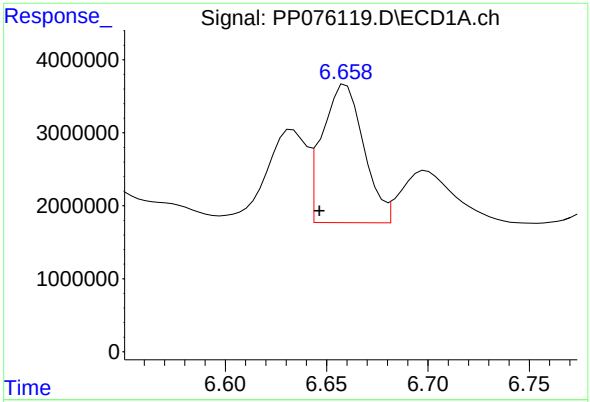

#2 Decachlorobiphenyl

R.T.: 10.399 min
Delta R.T.: -0.019 min
Response: 3640908
Conc: 3.38 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.776 min
Delta R.T.: -0.006 min
Response: 19514078
Conc: 2.37 ng/ml



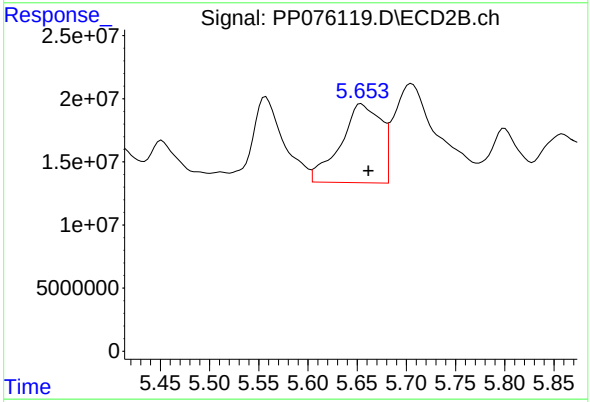

#26 AR-1254-1

R.T.: 6.660 min
Delta R.T.: 0.013 min
Response: 27049988
Conc: 338.58 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

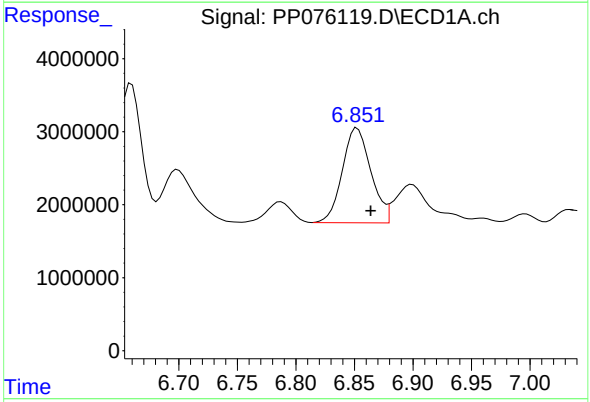
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



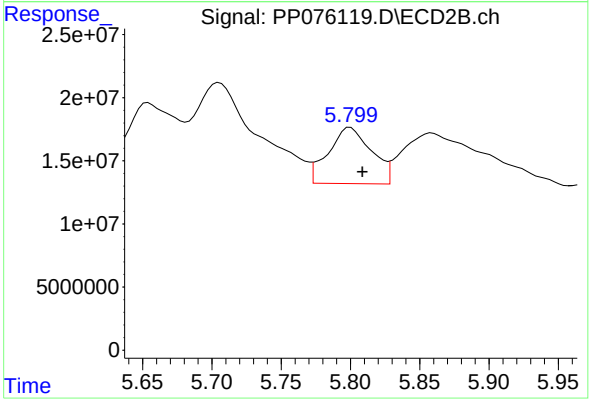

#26 AR-1254-1

R.T.: 5.654 min
Delta R.T.: -0.007 min
Response: 179027011
Conc: 317.42 ng/ml



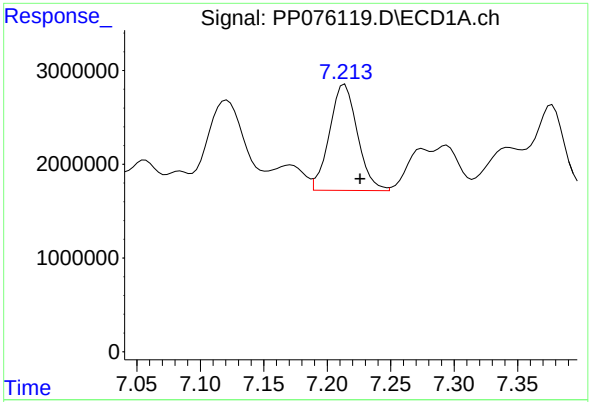

#27 AR-1254-2

R.T.: 6.852 min
Delta R.T.: -0.011 min
Response: 22114360
Conc: 221.18 ng/ml




#27 AR-1254-2

R.T.: 5.800 min
Delta R.T.: -0.009 min
Response: 96546620
Conc: 182.14 ng/ml



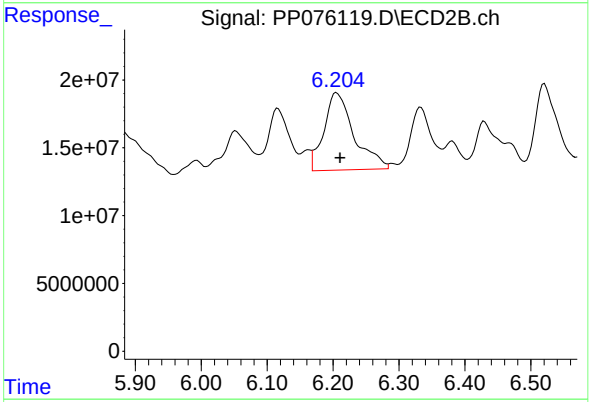

#28 AR-1254-3

R.T.: 7.214 min
Delta R.T.: -0.012 min
Response: 17375059
Conc: 167.14 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

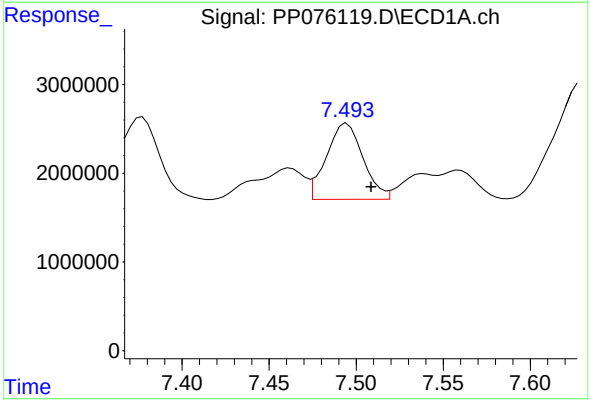
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



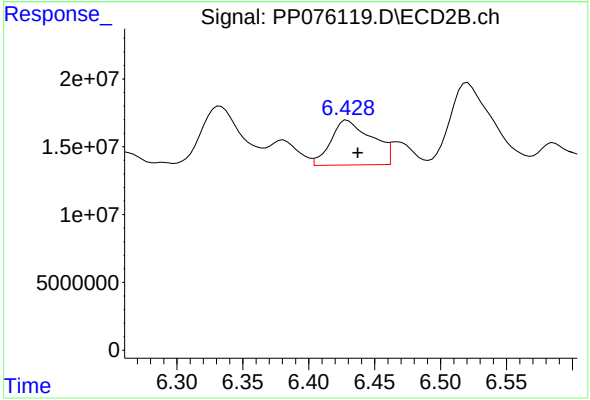

#28 AR-1254-3

R.T.: 6.205 min
Delta R.T.: -0.006 min
Response: 181248405
Conc: 212.96 ng/ml



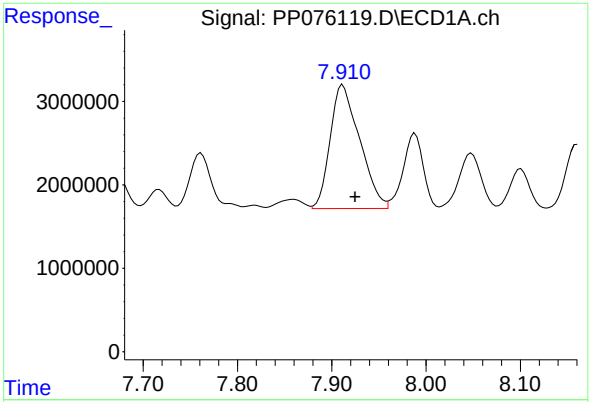

#29 AR-1254-4

R.T.: 7.495 min
Delta R.T.: -0.014 min
Response: 12536756
Conc: 149.94 ng/ml




#29 AR-1254-4

R.T.: 6.429 min
Delta R.T.: -0.008 min
Response: 71198522
Conc: 113.05 ng/ml



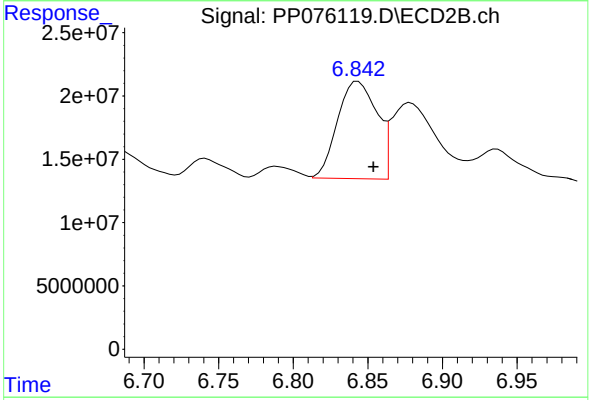

#30 AR-1254-5

R.T.: 7.912 min
Delta R.T.: -0.013 min
Response: 32236978
Conc: 352.04 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

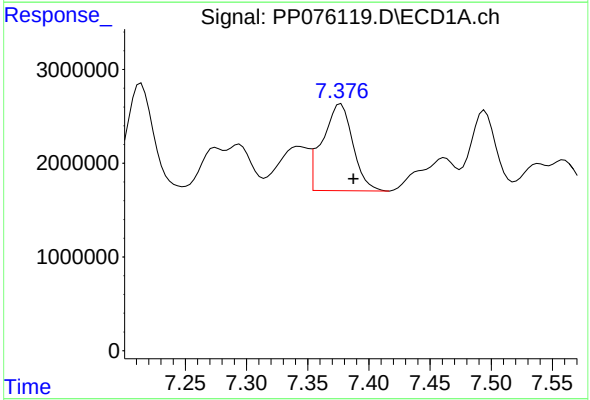
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



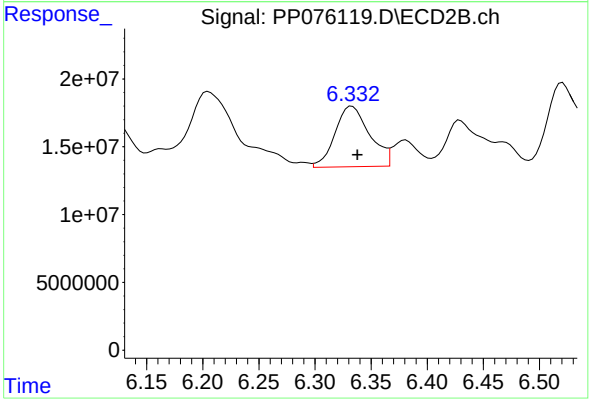

#30 AR-1254-5

R.T.: 6.843 min
Delta R.T.: -0.010 min
Response: 140983661
Conc: 195.84 ng/ml



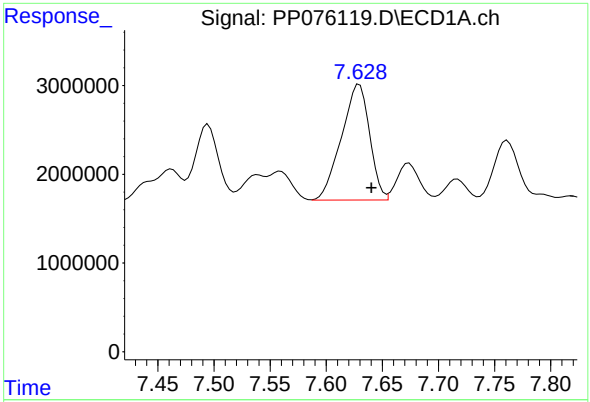

#31 AR-1260-1

R.T.: 7.377 min
Delta R.T.: -0.010 min
Response: 16040802
Conc: 233.30 ng/ml




#31 AR-1260-1

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 96058952
Conc: 175.39 ng/ml



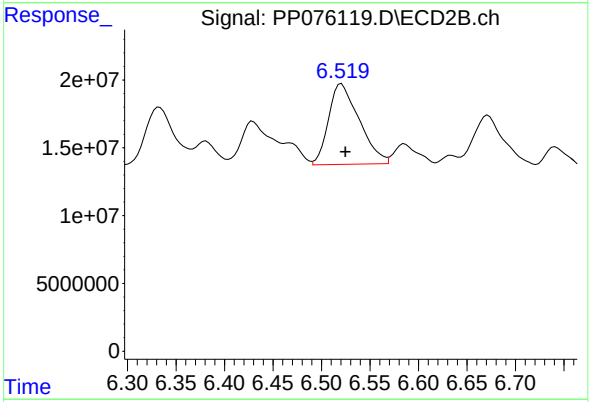

#32 AR-1260-2

R.T.: 7.630 min
Delta R.T.: -0.011 min
Response: 22776890
Conc: 254.27 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

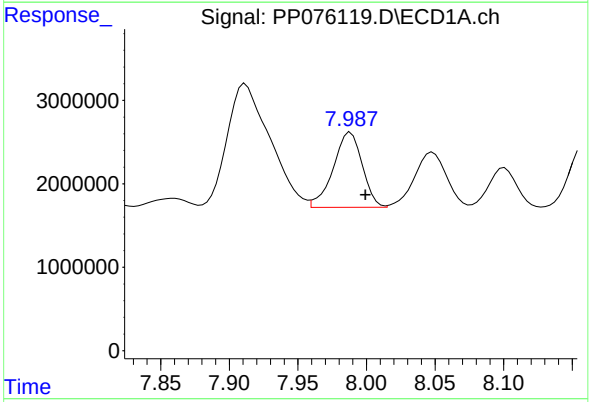
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



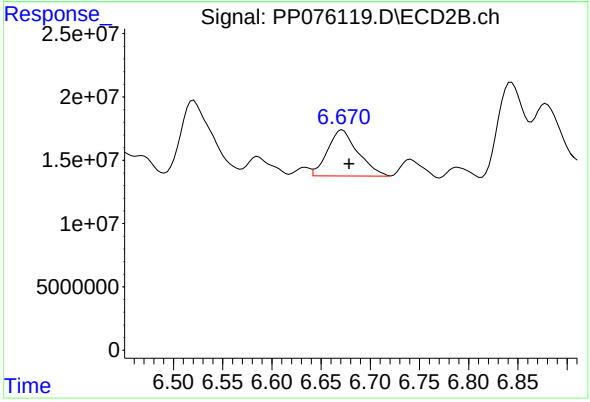

#32 AR-1260-2

R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 130938125
Conc: 160.91 ng/ml



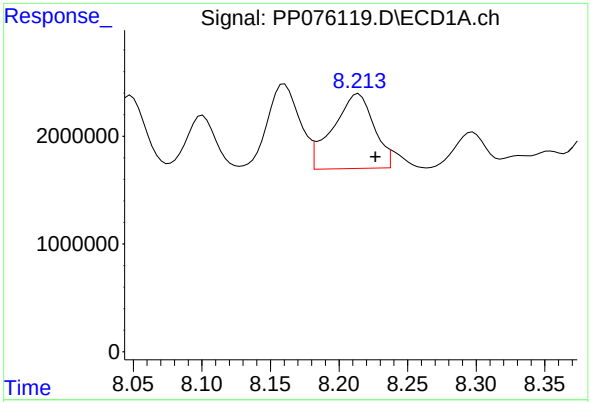

#33 AR-1260-3

R.T.: 7.988 min
Delta R.T.: -0.011 min
Response: 13249753
Conc: 191.23 ng/ml




#33 AR-1260-3

R.T.: 6.670 min
Delta R.T.: -0.008 min
Response: 77733323
Conc: 138.13 ng/ml m



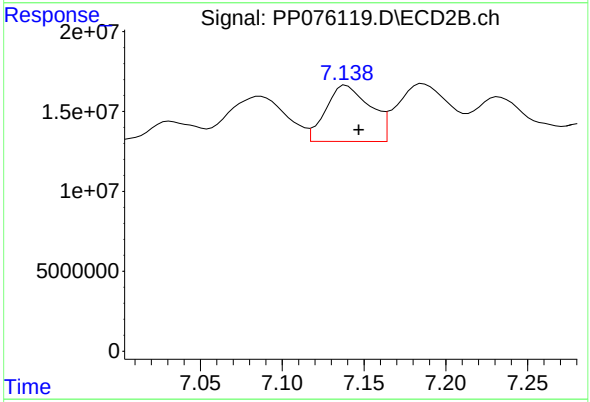

#34 AR-1260-4

R.T.: 8.213 min
Delta R.T.: -0.014 min
Response: 14582456
Conc: 212.66 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW2-251023-01

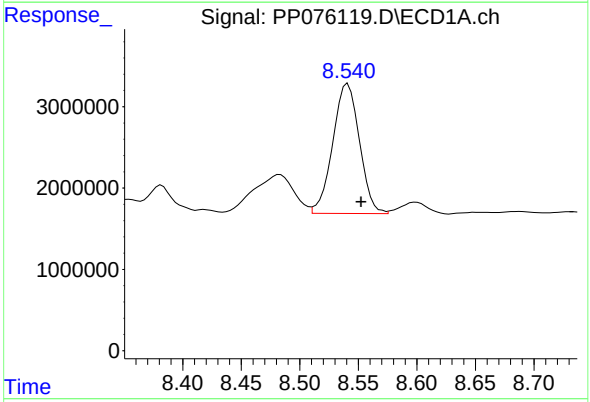
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



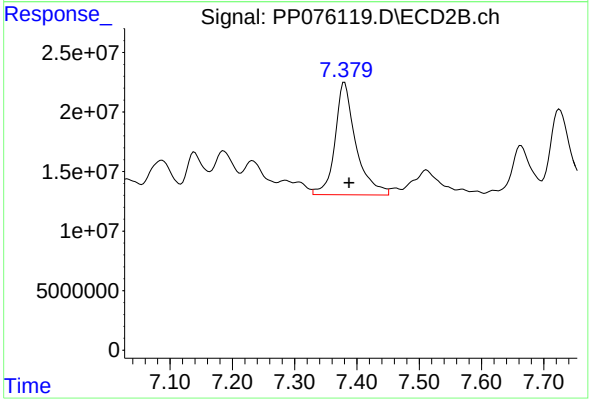

#34 AR-1260-4

R.T.: 7.139 min
Delta R.T.: -0.007 min
Response: 66114533
Conc: 127.31 ng/ml




#35 AR-1260-5

R.T.: 8.541 min
Delta R.T.: -0.011 min
Response: 25342520
Conc: 171.29 ng/ml




#35 AR-1260-5

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 220276468
Conc: 162.50 ng/ml

Raw Data: **PP076087.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/23/25 |
| Project: | RFP 905 | Date Received: | 10/23/25 |
| Client Sample ID: | P001-TW3-251023-01 | SDG No.: | Q3447 |
| Lab Sample ID: | Q3447-05 | Matrix: | SOIL |
| Analytical Method: | 8082A | % Solid: | 97.8 |
| Sample Wt/Vol: | 30.09 g Final Vol: 10000 uL | Test: | PCB |
| Prep Method: | SW3541 Prep Date 10/24/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 40.3 | U | 10 | 40.3 | 173 | ug/kg | 10/27/25 16:34 | PB170236 |
| 11104-28-2 | Aroclor-1221 | 41.1 | U | 10 | 41.1 | 173 | ug/kg | 10/27/25 16:34 | PB170236 |
| 11141-16-5 | Aroclor-1232 | 37.9 | U | 10 | 37.9 | 173 | ug/kg | 10/27/25 16:34 | PB170236 |
| 53469-21-9 | Aroclor-1242 | 40.9 | U | 10 | 40.9 | 173 | ug/kg | 10/27/25 16:34 | PB170236 |
| 12672-29-6 | Aroclor-1248 | 60.4 | U | 10 | 60.4 | 173 | ug/kg | 10/27/25 16:34 | PB170236 |
| 11097-69-1 | Aroclor-1254 | 32.7 | U | 10 | 32.7 | 173 | ug/kg | 10/27/25 16:34 | PB170236 |
| 37324-23-5 | Aroclor-1262 | 51.2 | U | 10 | 51.2 | 173 | ug/kg | 10/27/25 16:34 | PB170236 |
| 11100-14-4 | Aroclor-1268 | 36.7 | U | 10 | 36.7 | 173 | ug/kg | 10/27/25 16:34 | PB170236 |
| 11096-82-5 | Aroclor-1260 | 32.9 | U | 10 | 32.9 | 173 | ug/kg | 10/27/25 16:34 | PB170236 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 33.3 | * | | 32 - 144 | 167% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 30.0 | | | 32 - 175 | 150% | SPK: 20 | | |

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: **PP076087.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 16:34
Operator : YP\AJ
Sample : Q3447-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW3-251023-01

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:04:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.638 | 3.785 | 3895237 | 22069004 | 2.726m | 3.335m |
| 2) | SA Decachlor... | 10.406 | 8.778 | 3234648 | 21846718 | 3.005m | 2.657 |
| | Target Compounds | | | | | | |

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

Sample Results: **PP076087.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 16:34
Operator : YP\AJ
Sample : Q3447-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

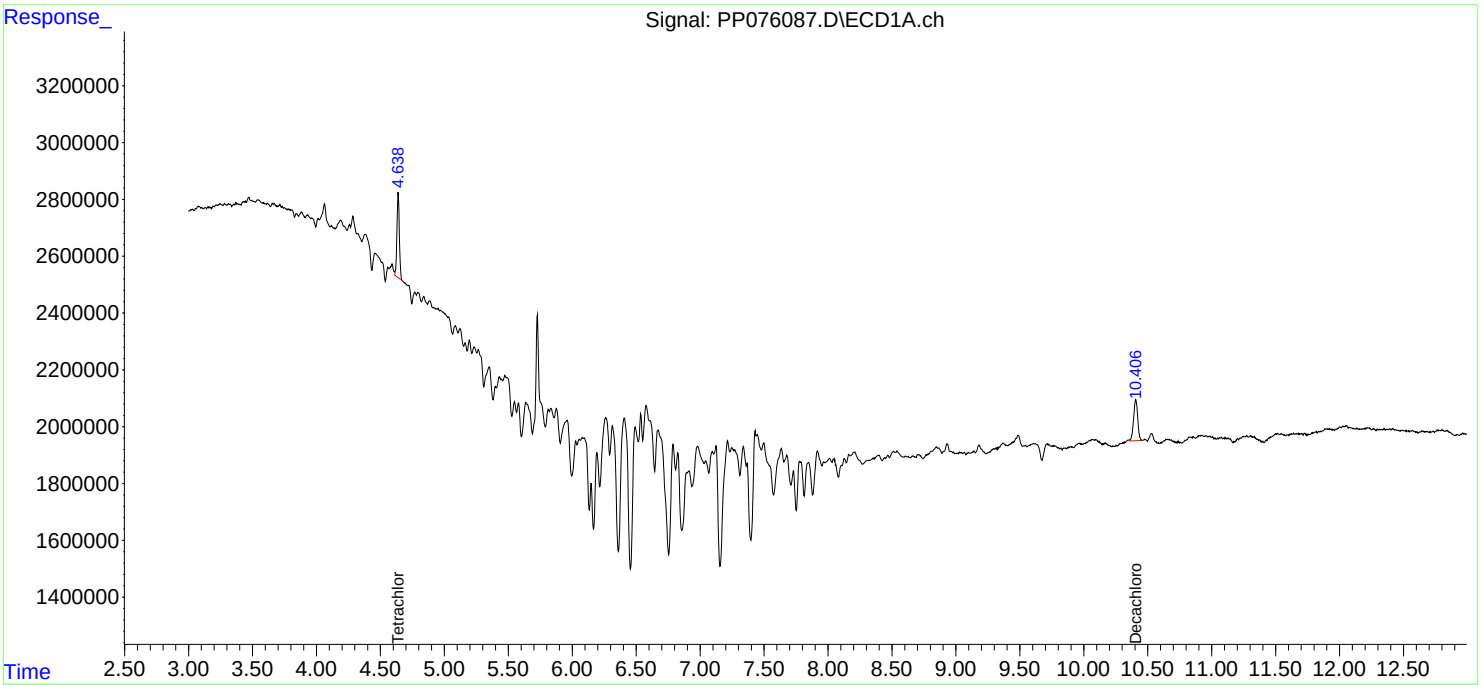
**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW3-251023-01

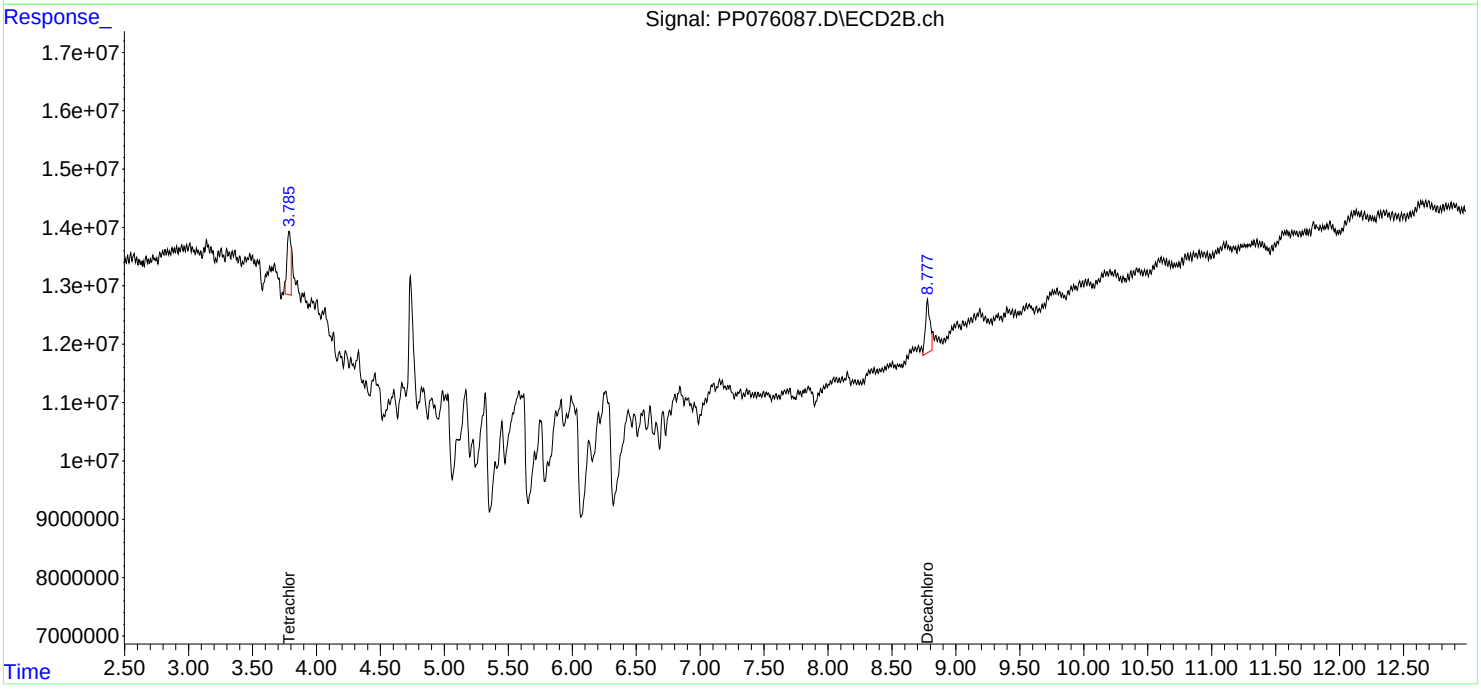
**Manual Integrations APPROVED**

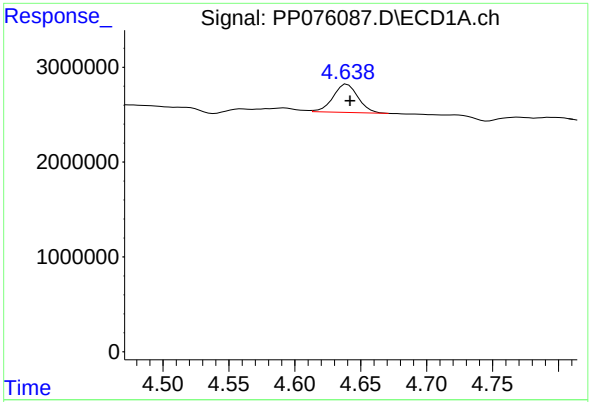
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:04:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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





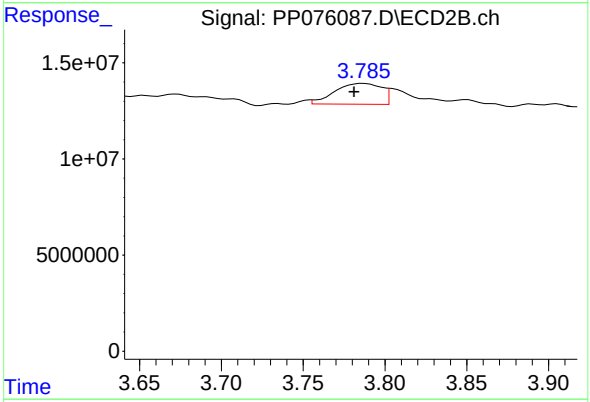

#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 3895237
Conc: 2.73 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW3-251023-01

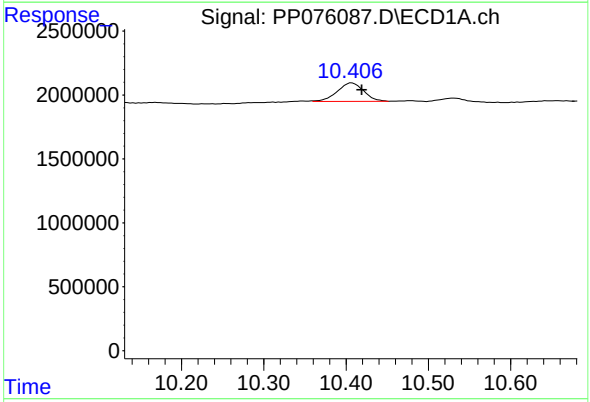
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



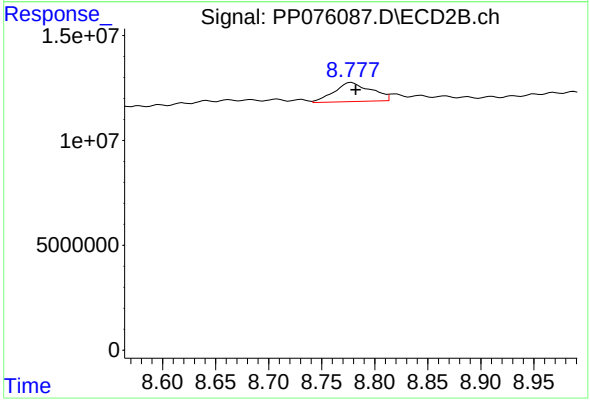

#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.004 min
Response: 22069004
Conc: 3.33 ng/ml m




#2 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.013 min
Response: 3234648
Conc: 3.00 ng/ml m




#2 Decachlorobiphenyl

R.T.: 8.778 min
Delta R.T.: -0.004 min
Response: 21846718
Conc: 2.66 ng/ml

Raw Data: **PP076076.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/23/25 |
| Project: | RFP 905 | Date Received: | 10/23/25 |
| Client Sample ID: | P001-TW4-251023-01 | SDG No.: | Q3447 |
| Lab Sample ID: | Q3447-07 | Matrix: | SOIL |
| Analytical Method: | 8082A | % Solid: | 100 |
| Sample Wt/Vol: | 10.05 g | Final Vol: 10000 uL | Test: PCB |
| Prep Method: | SW3541 | Prep Date 10/24/25 | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 118 | U | 10 | 118 | 507 | ug/kg | 10/27/25 12:47 | PB170236 |
| 11104-28-2 | Aroclor-1221 | 120 | U | 10 | 120 | 507 | ug/kg | 10/27/25 12:47 | PB170236 |
| 11141-16-5 | Aroclor-1232 | 111 | U | 10 | 111 | 507 | ug/kg | 10/27/25 12:47 | PB170236 |
| 53469-21-9 | Aroclor-1242 | 120 | U | 10 | 120 | 507 | ug/kg | 10/27/25 12:47 | PB170236 |
| 12672-29-6 | Aroclor-1248 | 177 | U | 10 | 177 | 507 | ug/kg | 10/27/25 12:47 | PB170236 |
| 11097-69-1 | Aroclor-1254 | 95.8 | U | 10 | 95.8 | 507 | ug/kg | 10/27/25 12:47 | PB170236 |
| 37324-23-5 | Aroclor-1262 | 150 | U | 10 | 150 | 507 | ug/kg | 10/27/25 12:47 | PB170236 |
| 11100-14-4 | Aroclor-1268 | 107 | U | 10 | 107 | 507 | ug/kg | 10/27/25 12:47 | PB170236 |
| 11096-82-5 | Aroclor-1260 | 96.4 | U | 10 | 96.4 | 507 | ug/kg | 10/27/25 12:47 | PB170236 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 92.7 | * | | 32 - 144 | 463% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 34.2 | | | 32 - 175 | 171% | SPK: 20 | | |

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: **PP076076.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 12:47
Operator : YP\AJ
Sample : Q3447-07 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW4-251023-01

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:02:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.637 | 3.804 | 1570376 | 61343847 | 1.099m | 9.269 # |
| 2) | SA Decachlor... | 10.408 | 8.772 | 3681997 | 5895607 | 3.420m | 0.717m# |
| | Target Compounds | | | | | | |

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

Sample Results: **PP076076.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 12:47
Operator : YP\AJ
Sample : Q3447-07 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

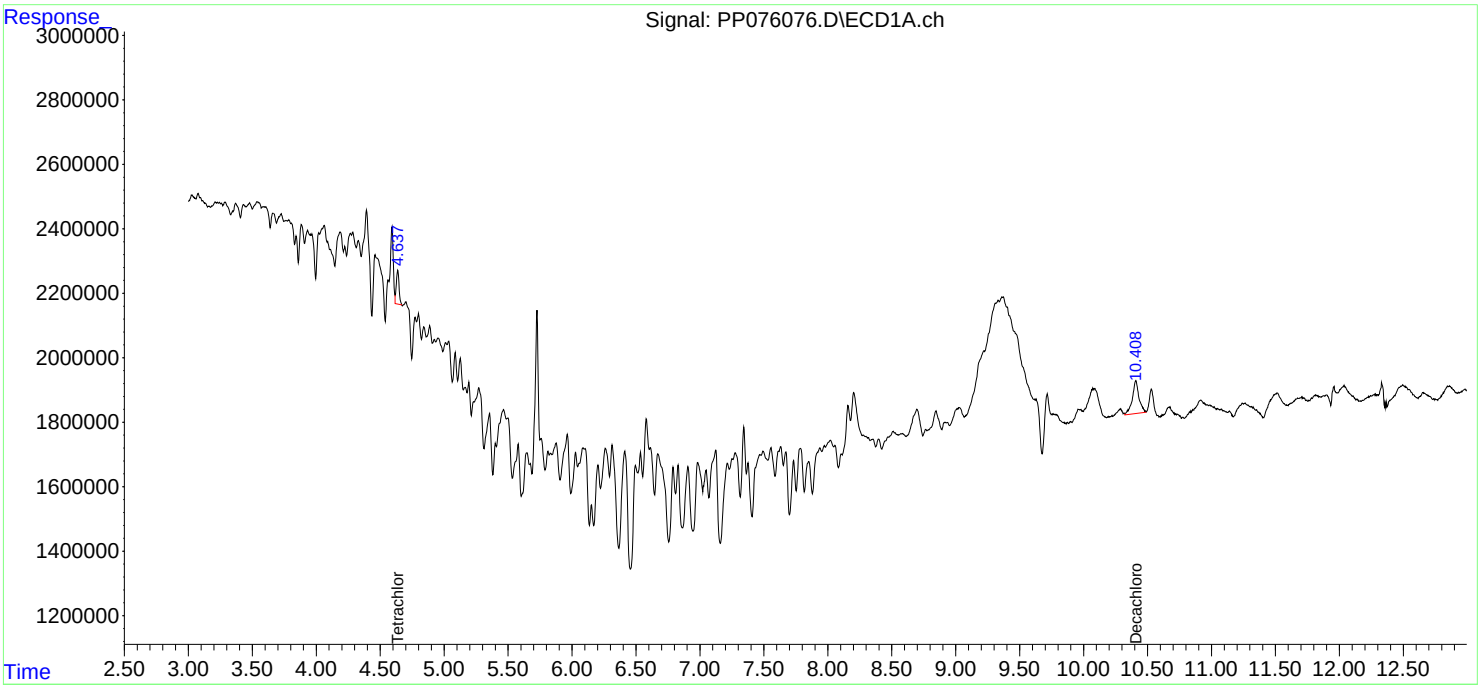
**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW4-251023-01

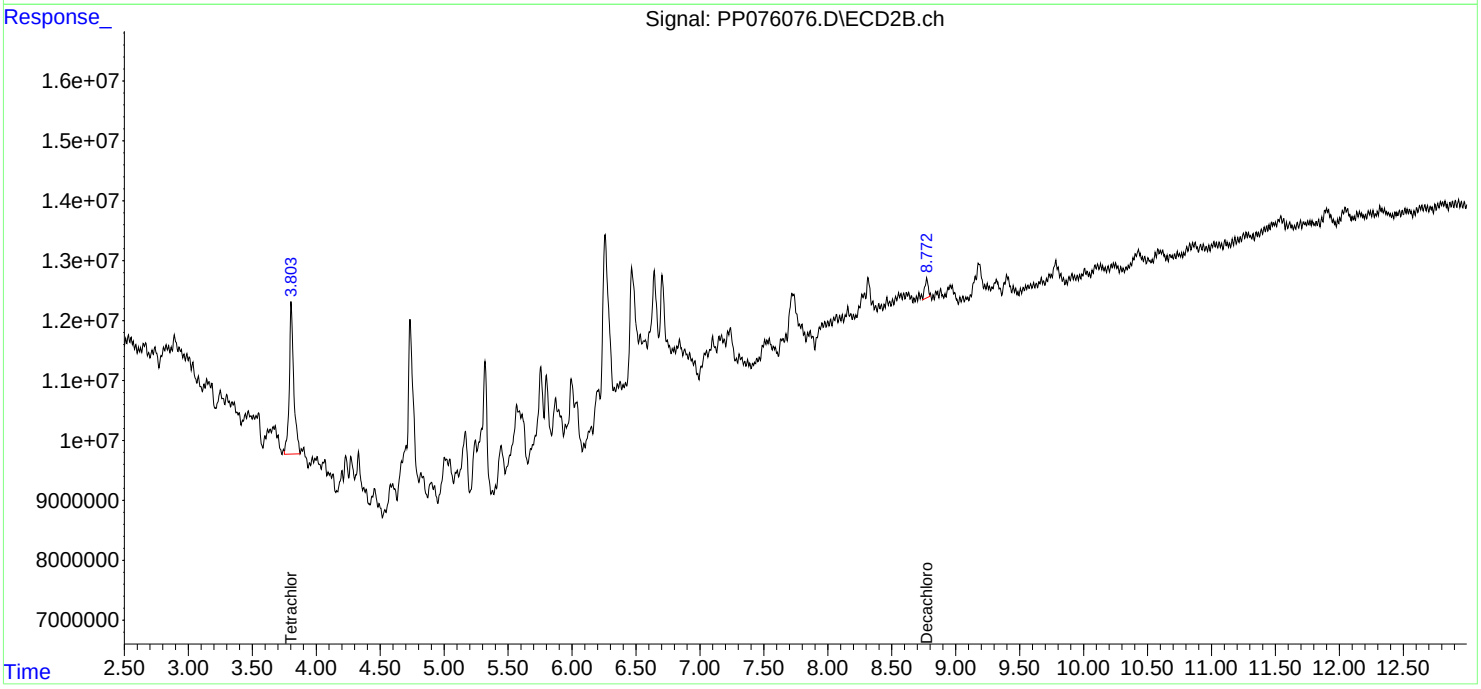
**Manual Integrations APPROVED**

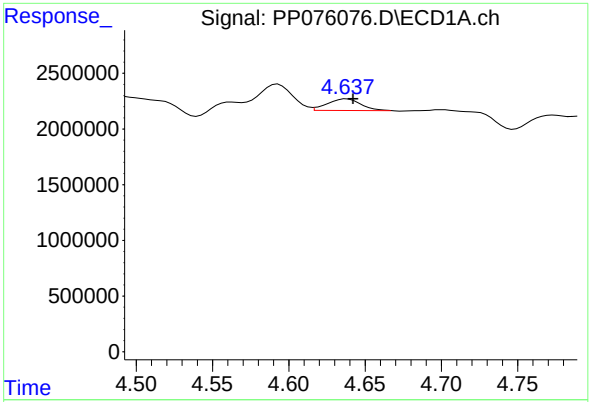
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:02:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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





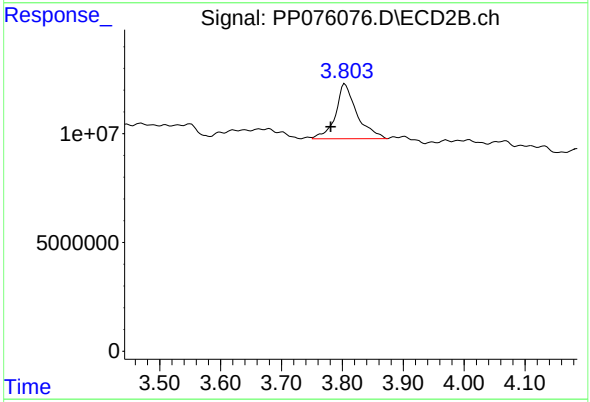

#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.005 min
Response: 1570376
Conc: 1.10 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
P001-TW4-251023-01

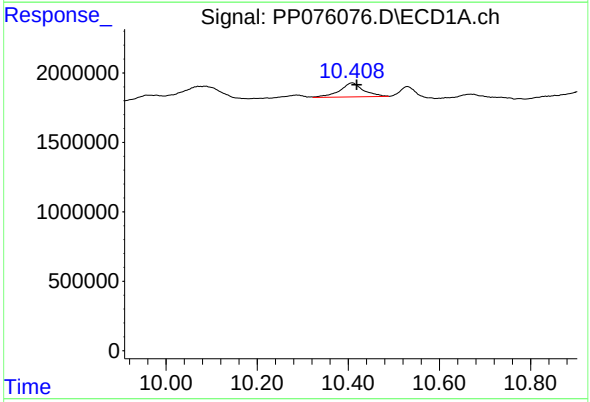
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



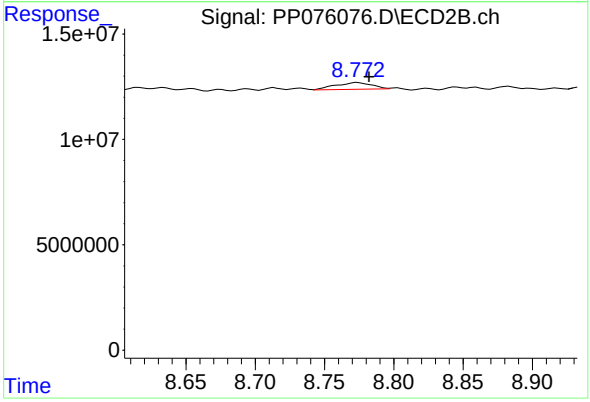

#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.023 min
Response: 61343847
Conc: 9.27 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.408 min
Delta R.T.: -0.011 min
Response: 3681997
Conc: 3.42 ng/ml m




#2 Decachlorobiphenyl

R.T.: 8.772 min
Delta R.T.: -0.010 min
Response: 5895607
Conc: 0.72 ng/ml m

# 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

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Instrument ID:** ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

**Calibration Times:** 09:06 17:01

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

**LAB FILE ID:** RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

| COMPOUND | | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.70 | 5.90 |
| Aroclor-1016-2 | (2) | 5.82 | 5.82 | 5.82 | 5.82 | 5.82 | 5.82 | 5.72 | 5.92 |
| Aroclor-1016-3 | (3) | 5.88 | 5.88 | 5.88 | 5.88 | 5.88 | 5.88 | 5.78 | 5.98 |
| Aroclor-1016-4 | (4) | 5.98 | 5.98 | 5.98 | 5.98 | 5.98 | 5.98 | 5.88 | 6.08 |
| Aroclor-1016-5 | (5) | 6.27 | 6.27 | 6.27 | 6.27 | 6.27 | 6.27 | 6.17 | 6.37 |
| Aroclor-1260-1 | (1) | 7.39 | 7.39 | 7.39 | 7.39 | 7.39 | 7.39 | 7.29 | 7.49 |
| Aroclor-1260-2 | (2) | 7.64 | 7.64 | 7.64 | 7.64 | 7.64 | 7.64 | 7.54 | 7.74 |
| Aroclor-1260-3 | (3) | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 7.90 | 8.10 |
| Aroclor-1260-4 | (4) | 8.23 | 8.23 | 8.23 | 8.23 | 8.23 | 8.23 | 8.13 | 8.33 |
| Aroclor-1260-5 | (5) | 8.56 | 8.55 | 8.55 | 8.55 | 8.56 | 8.55 | 8.45 | 8.65 |
| Decachlorobiphenyl | | 10.42 | 10.42 | 10.42 | 10.42 | 10.42 | 10.42 | 10.32 | 10.52 |
| Tetrachloro-m-xylene | | 4.65 | 4.64 | 4.64 | 4.65 | 4.65 | 4.64 | 4.54 | 4.74 |
| Aroclor-1242-1 | (1) | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.70 | 5.90 |
| Aroclor-1242-2 | (2) | 5.82 | 5.82 | 5.82 | 5.82 | 5.82 | 5.82 | 5.72 | 5.92 |
| Aroclor-1242-3 | (3) | 5.88 | 5.88 | 5.88 | 5.88 | 5.88 | 5.88 | 5.78 | 5.98 |
| Aroclor-1242-4 | (4) | 5.98 | 5.98 | 5.98 | 5.98 | 5.98 | 5.98 | 5.88 | 6.08 |
| Aroclor-1242-5 | (5) | 6.71 | 6.71 | 6.71 | 6.71 | 6.71 | 6.71 | 6.61 | 6.81 |
| Decachlorobiphenyl | | 10.42 | 10.42 | 10.42 | 10.42 | 10.42 | 10.42 | 10.32 | 10.52 |
| Tetrachloro-m-xylene | | 4.65 | 4.64 | 4.65 | 4.65 | 4.65 | 4.65 | 4.55 | 4.75 |
| Aroclor-1248-1 | (1) | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.70 | 5.90 |
| Aroclor-1248-2 | (2) | 6.07 | 6.07 | 6.07 | 6.07 | 6.07 | 6.07 | 5.97 | 6.17 |
| Aroclor-1248-3 | (3) | 6.27 | 6.27 | 6.27 | 6.27 | 6.27 | 6.27 | 6.17 | 6.37 |
| Aroclor-1248-4 | (4) | 6.67 | 6.67 | 6.67 | 6.67 | 6.67 | 6.67 | 6.57 | 6.77 |
| Aroclor-1248-5 | (5) | 6.71 | 6.71 | 6.71 | 6.71 | 6.71 | 6.71 | 6.61 | 6.81 |
| Decachlorobiphenyl | | 10.43 | 10.42 | 10.42 | 10.42 | 10.42 | 10.42 | 10.32 | 10.52 |
| Tetrachloro-m-xylene | | 4.65 | 4.64 | 4.65 | 4.65 | 4.65 | 4.65 | 4.55 | 4.75 |
| Aroclor-1254-1 | (1) | 6.65 | 6.65 | 6.65 | 6.65 | 6.64 | 6.65 | 6.55 | 6.75 |
| Aroclor-1254-2 | (2) | 6.86 | 6.86 | 6.87 | 6.86 | 6.86 | 6.86 | 6.76 | 6.96 |
| Aroclor-1254-3 | (3) | 7.23 | 7.23 | 7.23 | 7.23 | 7.22 | 7.23 | 7.13 | 7.33 |
| Aroclor-1254-4 | (4) | 7.51 | 7.51 | 7.51 | 7.51 | 7.50 | 7.51 | 7.41 | 7.61 |
| Aroclor-1254-5 | (5) | 7.93 | 7.92 | 7.93 | 7.93 | 7.92 | 7.92 | 7.82 | 8.02 |
| Decachlorobiphenyl | | 10.42 | 10.42 | 10.42 | 10.42 | 10.42 | 10.42 | 10.32 | 10.52 |
| Tetrachloro-m-xylene | | 4.65 | 4.64 | 4.65 | 4.65 | 4.64 | 4.65 | 4.55 | 4.75 |
| Aroclor-1268-1 | (1) | 8.88 | 8.88 | 8.88 | 8.88 | 8.88 | 8.88 | 8.78 | 8.98 |
| Aroclor-1268-2 | (2) | 8.97 | 8.97 | 8.97 | 8.98 | 8.97 | 8.97 | 8.87 | 9.07 |
| Aroclor-1268-3 | (3) | 9.21 | 9.21 | 9.21 | 9.21 | 9.21 | 9.21 | 9.11 | 9.31 |
| Aroclor-1268-4 | (4) | 9.64 | 9.64 | 9.64 | 9.64 | 9.64 | 9.64 | 9.54 | 9.74 |
| Aroclor-1268-5 | (5) | 10.07 | 10.07 | 10.07 | 10.07 | 10.07 | 10.07 | 9.97 | 10.17 |

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Fax : 908 789 8922

**RETENTION TIMES OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 10.42 | 10.42 | 10.42 | 10.43 | 10.42 | 10.42 | 10.32 | 10.52 |
| Tetrachloro-m-xylene | 4.65 | 4.65 | 4.65 | 4.65 | 4.65 | 4.65 | 4.55 | 4.75 |

Raw Data

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

## RETENTION TIMES OF INITIAL CALIBRATION

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Instrument ID:** ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

**Calibration Times:** 09:06 17:01

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

**LAB FILE ID:** RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

| COMPOUND | | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.88 | 4.88 | 4.88 | 4.88 | 4.88 | 4.88 | 4.78 | 4.98 |
| Aroclor-1016-2 | (2) | 4.94 | 4.94 | 4.94 | 4.94 | 4.94 | 4.94 | 4.84 | 5.04 |
| Aroclor-1016-3 | (3) | 5.06 | 5.06 | 5.05 | 5.06 | 5.05 | 5.06 | 4.96 | 5.16 |
| Aroclor-1016-4 | (4) | 5.10 | 5.10 | 5.10 | 5.10 | 5.09 | 5.10 | 5.00 | 5.20 |
| Aroclor-1016-5 | (5) | 5.31 | 5.31 | 5.31 | 5.31 | 5.31 | 5.31 | 5.21 | 5.41 |
| Aroclor-1260-1 | (1) | 6.34 | 6.34 | 6.34 | 6.34 | 6.34 | 6.34 | 6.24 | 6.44 |
| Aroclor-1260-2 | (2) | 6.53 | 6.53 | 6.53 | 6.53 | 6.53 | 6.53 | 6.43 | 6.63 |
| Aroclor-1260-3 | (3) | 6.68 | 6.68 | 6.68 | 6.68 | 6.68 | 6.68 | 6.58 | 6.78 |
| Aroclor-1260-4 | (4) | 7.15 | 7.15 | 7.15 | 7.15 | 7.15 | 7.15 | 7.05 | 7.25 |
| Aroclor-1260-5 | (5) | 7.39 | 7.39 | 7.39 | 7.39 | 7.39 | 7.39 | 7.29 | 7.49 |
| Decachlorobiphenyl | | 8.78 | 8.78 | 8.78 | 8.78 | 8.78 | 8.78 | 8.68 | 8.88 |
| Tetrachloro-m-xylene | | 3.78 | 3.78 | 3.78 | 3.78 | 3.78 | 3.78 | 3.68 | 3.88 |
| Aroclor-1242-1 | (1) | 4.88 | 4.88 | 4.88 | 4.88 | 4.88 | 4.88 | 4.78 | 4.98 |
| Aroclor-1242-2 | (2) | 4.94 | 4.94 | 4.94 | 4.94 | 4.94 | 4.94 | 4.84 | 5.04 |
| Aroclor-1242-3 | (3) | 5.06 | 5.06 | 5.06 | 5.06 | 5.05 | 5.06 | 4.96 | 5.16 |
| Aroclor-1242-4 | (4) | 5.14 | 5.14 | 5.14 | 5.14 | 5.14 | 5.14 | 5.04 | 5.24 |
| Aroclor-1242-5 | (5) | 5.66 | 5.66 | 5.66 | 5.66 | 5.66 | 5.66 | 5.56 | 5.76 |
| Decachlorobiphenyl | | 8.78 | 8.78 | 8.79 | 8.78 | 8.78 | 8.78 | 8.68 | 8.88 |
| Tetrachloro-m-xylene | | 3.78 | 3.78 | 3.78 | 3.78 | 3.78 | 3.78 | 3.68 | 3.88 |
| Aroclor-1248-1 | (1) | 4.88 | 4.88 | 4.88 | 4.88 | 4.87 | 4.88 | 4.78 | 4.98 |
| Aroclor-1248-2 | (2) | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.00 | 5.20 |
| Aroclor-1248-3 | (3) | 5.14 | 5.14 | 5.14 | 5.14 | 5.14 | 5.14 | 5.04 | 5.24 |
| Aroclor-1248-4 | (4) | 5.31 | 5.31 | 5.31 | 5.31 | 5.31 | 5.31 | 5.21 | 5.41 |
| Aroclor-1248-5 | (5) | 5.70 | 5.70 | 5.70 | 5.70 | 5.73 | 5.71 | 5.61 | 5.81 |
| Decachlorobiphenyl | | 8.78 | 8.78 | 8.78 | 8.78 | 8.78 | 8.78 | 8.68 | 8.88 |
| Tetrachloro-m-xylene | | 3.78 | 3.78 | 3.78 | 3.78 | 3.78 | 3.78 | 3.68 | 3.88 |
| Aroclor-1254-1 | (1) | 5.66 | 5.66 | 5.66 | 5.66 | 5.66 | 5.66 | 5.56 | 5.76 |
| Aroclor-1254-2 | (2) | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.71 | 5.91 |
| Aroclor-1254-3 | (3) | 6.21 | 6.21 | 6.21 | 6.21 | 6.21 | 6.21 | 6.11 | 6.31 |
| Aroclor-1254-4 | (4) | 6.44 | 6.44 | 6.44 | 6.44 | 6.43 | 6.44 | 6.34 | 6.54 |
| Aroclor-1254-5 | (5) | 6.85 | 6.85 | 6.85 | 6.85 | 6.85 | 6.85 | 6.75 | 6.95 |
| Decachlorobiphenyl | | 8.78 | 8.78 | 8.79 | 8.78 | 8.78 | 8.78 | 8.68 | 8.88 |
| Tetrachloro-m-xylene | | 3.78 | 3.78 | 3.79 | 3.78 | 3.78 | 3.78 | 3.68 | 3.88 |
| Aroclor-1268-1 | (1) | 7.67 | 7.67 | 7.67 | 7.67 | 7.67 | 7.67 | 7.57 | 7.77 |
| Aroclor-1268-2 | (2) | 7.74 | 7.74 | 7.74 | 7.74 | 7.74 | 7.74 | 7.64 | 7.84 |
| Aroclor-1268-3 | (3) | 7.94 | 7.94 | 7.94 | 7.94 | 7.94 | 7.94 | 7.84 | 8.04 |
| Aroclor-1268-4 | (4) | 8.23 | 8.23 | 8.23 | 8.23 | 8.23 | 8.23 | 8.13 | 8.33 |
| Aroclor-1268-5 | (5) | 8.53 | 8.53 | 8.53 | 8.53 | 8.53 | 8.53 | 8.43 | 8.63 |

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**RETENTION TIMES OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.79 | 8.78 | 8.79 | 8.79 | 8.79 | 8.79 | 8.69 | 8.89 |
| Tetrachloro-m-xylene | 3.78 | 3.78 | 3.79 | 3.79 | 3.79 | 3.78 | 3.68 | 3.88 |

Raw Data

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Fax : 908 789 8922

## CALIBRATION FACTOR OF INITIAL CALIBRATION

**Lab Name:** Alliance
**Lab Code:** ACE
**Instrument ID:** ECD_P

**Contract:** ROYF02
**SDG NO.:** Q3447
**Calibration Date(s):** 10/21/2025 10/21/2025
**Calibration Times:** 09:06 17:01

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

**LAB FILE ID:** CF 1000 = PP075888.D CF 750 = PP075889.D
CF 500 = PP075890.D CF 250 = PP075891.D CF 050 = PP075892.D

| COMPOUND | | CF 1000 | CF 750 | CF 500 | CF 250 | CF 050 | CF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 53893845 | 57848439 | 60228768 | 63056856 | 60602640 | 59126110 | 6 |
| Aroclor-1016-2 | (2) | 81387326 | 86593457 | 91038396 | 94931280 | 88270120 | 88444116 | 6 |
| Aroclor-1016-3 | (3) | 50025937 | 53493744 | 56764402 | 59544472 | 56926600 | 55351031 | 7 |
| Aroclor-1016-4 | (4) | 41815325 | 44617539 | 46982858 | 48544784 | 45240520 | 45440205 | 6 |
| Aroclor-1016-5 | (5) | 39075321 | 41377448 | 43150568 | 44782124 | 48642160 | 43405524 | 8 |
| Aroclor-1260-1 | (1) | 64655691 | 67908073 | 70553690 | 74100180 | 66565440 | 68756615 | 5 |
| Aroclor-1260-2 | (2) | 80744063 | 85234851 | 88594752 | 93987136 | 99325680 | 89577296 | 8 |
| Aroclor-1260-3 | (3) | 64964687 | 67552583 | 69003280 | 72715708 | 72196540 | 69286560 | 5 |
| Aroclor-1260-4 | (4) | 65448766 | 70711301 | 72542976 | 74553116 | 59600740 | 68571380 | 9 |
| Aroclor-1260-5 | (5) | 139384380 | 146230631 | 152452738 | 155039368 | 146650940 | 147951611 | 4 |
| Decachlorobiphenyl | | 1012132950 | 1071302787 | 1124785220 | 1137889120 | 1036523400 | 1076526695 | 5 |
| Tetrachloro-m-xylene | | 1370219590 | 1453116893 | 1490571040 | 1483020960 | 1348537200 | 1429093137 | 5 |
| Aroclor-1242-1 | (1) | 44019933 | 46315467 | 47674416 | 50255084 | 51268840 | 47906748 | 6 |
| Aroclor-1242-2 | (2) | 64942800 | 67715737 | 70979556 | 73767248 | 76553360 | 70791740 | 7 |
| Aroclor-1242-3 | (3) | 40140584 | 42044764 | 44589646 | 47135032 | 54298900 | 45641785 | 12 |
| Aroclor-1242-4 | (4) | 33543618 | 35162207 | 36420600 | 36967860 | 39702420 | 36359341 | 6 |
| Aroclor-1242-5 | (5) | 36405140 | 38662289 | 41888622 | 39296052 | 48467620 | 40943945 | 11 |
| Decachlorobiphenyl | | 1136280900 | 1209279307 | 1231278960 | 1289202560 | 1357807000 | 1244769745 | 7 |
| Tetrachloro-m-xylene | | 1466601570 | 1512648573 | 1545825660 | 1595207720 | 1573043800 | 1538665465 | 3 |
| Aroclor-1248-1 | (1) | 33471805 | 35785521 | 36963520 | 39121904 | 34010240 | 35870598 | 6 |
| Aroclor-1248-2 | (2) | 44816839 | 47584043 | 49402910 | 52441868 | 49476340 | 48744400 | 6 |
| Aroclor-1248-3 | (3) | 49477903 | 52446567 | 61105936 | 57335280 | 50958020 | 54264741 | 9 |
| Aroclor-1248-4 | (4) | 60435029 | 64167197 | 67505182 | 72174088 | 67539280 | 66364155 | 7 |
| Aroclor-1248-5 | (5) | 58134534 | 61713151 | 65347636 | 71297512 | 67810300 | 64860627 | 8 |
| Decachlorobiphenyl | | 1140637530 | 1190681093 | 1243623480 | 1306886720 | 1250686400 | 1226503045 | 5 |
| Tetrachloro-m-xylene | | 1468701040 | 1529744213 | 1558324940 | 1626496320 | 1450854600 | 1526824223 | 5 |
| Aroclor-1254-1 | (1) | 66261960 | 71898345 | 78270020 | 82464920 | 100572060 | 79893461 | 16 |
| Aroclor-1254-2 | (2) | 87851253 | 92570580 | 96669370 | 102809560 | 120020480 | 99984249 | 12 |
| Aroclor-1254-3 | (3) | 92035771 | 96900691 | 99787992 | 105988040 | 125061300 | 103954759 | 12 |
| Aroclor-1254-4 | (4) | 73136868 | 76689867 | 79390286 | 83967352 | 104884540 | 83613783 | 15 |
| Aroclor-1254-5 | (5) | 85440842 | 89720104 | 92252192 | 95013656 | 95427040 | 91570767 | 5 |
| Decachlorobiphenyl | | 1194970230 | 1245235800 | 1296058720 | 1332579960 | 1514859800 | 1316740902 | 9 |
| Tetrachloro-m-xylene | | 1499217980 | 1559170693 | 1583264260 | 1614158480 | 1720822800 | 1595326843 | 5 |
| Aroclor-1268-1 | (1) | 186733090 | 195066952 | 205606148 | 210022232 | 235253460 | 206536376 | 9 |

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Fax : 908 789 8922

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1268-2 | (2) | 172486766 | 179135464 | 188184104 | 190078376 | 211424800 | 188261902 | 8 |
| Aroclor-1268-3 | (3) | 145245892 | 150281380 | 156894280 | 158090072 | 165408840 | 155184093 | 5 |
| Aroclor-1268-4 | (4) | 71036137 | 74805685 | 76392484 | 76627212 | 94373740 | 78647052 | 12 |
| Aroclor-1268-5 | (5) | 446420076 | 458917541 | 475352492 | 479939416 | 541304600 | 480386825 | 8 |
| Decachlorobiphenyl | | 1988394870 | 2075434813 | 2173906840 | 2211711440 | 2356033600 | 2161096313 | 6 |
| Tetrachloro-m-xylene | | 1515083040 | 1549265533 | 1603737900 | 1591085800 | 1659449000 | 1583724255 | 3 |

Raw Data

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## CALIBRATION FACTOR OF INITIAL CALIBRATION

**Lab Name:** Alliance
**Lab Code:** ACE
**Instrument ID:** ECD_P

**Contract:** ROYF02
**SDG NO.:** Q3447
**Calibration Date(s):** 10/21/2025 10/21/2025
**Calibration Times:** 09:06 17:01

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

**LAB FILE ID:** CF 1000 = PP075888.D CF 750 = PP075889.D
CF 500 = PP075890.D CF 250 = PP075891.D CF 050 = PP075892.D

| COMPOUND | | CF 1000 | CF 750 | CF 500 | CF 250 | CF 050 | CF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 708597432 | 755130533 | 750168220 | 768814916 | 718149060 | 740172032 | 3 |
| Aroclor-1016-2 | (2) | 344688013 | 362255933 | 349033076 | 368003724 | 285681000 | 341932349 | 10 |
| Aroclor-1016-3 | (3) | 184756021 | 198805969 | 201689770 | 204443556 | 237017160 | 205342495 | 9 |
| Aroclor-1016-4 | (4) | 185429480 | 195612065 | 193130110 | 203643812 | 156612400 | 186885573 | 10 |
| Aroclor-1016-5 | (5) | 202087874 | 223186380 | 221264342 | 249936892 | 243439240 | 227982946 | 8 |
| Aroclor-1260-1 | (1) | 519115007 | 547143451 | 551523748 | 550034516 | 570658900 | 547695124 | 3 |
| Aroclor-1260-2 | (2) | 816933203 | 847057133 | 836099344 | 841169992 | 727408040 | 813733542 | 6 |
| Aroclor-1260-3 | (3) | 571186815 | 591919587 | 603061842 | 595667512 | 451948620 | 562756875 | 11 |
| Aroclor-1260-4 | (4) | 562542796 | 557220415 | 556309062 | 533352684 | 387232680 | 519331527 | 14 |
| Aroclor-1260-5 | (5) | 1443277342 | 1495374137 | 1448146362 | 1379476524 | 1011499060 | 1355554685 | 15 |
| Decachlorobiphenyl | | 7970697090 | 8448130240 | 8416417320 | 8375691800 | 7903993200 | 8222985930 | 3 |
| Tetrachloro-m-xylene | | 6687145430 | 7018651333 | 6804923780 | 6758234840 | 5822487600 | 6618288597 | 7 |
| Aroclor-1242-1 | (1) | 571147464 | 588341980 | 597723718 | 569760388 | 546790280 | 574752766 | 3 |
| Aroclor-1242-2 | (2) | 271622570 | 270496133 | 289123856 | 291348184 | 264965740 | 277511297 | 4 |
| Aroclor-1242-3 | (3) | 148417684 | 150685240 | 162169734 | 157714788 | 168071120 | 157411713 | 5 |
| Aroclor-1242-4 | (4) | 195275059 | 191450107 | 210824584 | 191270784 | 136740280 | 185112163 | 15 |
| Aroclor-1242-5 | (5) | 229588702 | 236959084 | 244202752 | 234962408 | 205474700 | 230237529 | 6 |
| Decachlorobiphenyl | | 8905080650 | 8993413907 | 9094156860 | 9113318400 | 9309338200 | 9083061603 | 2 |
| Tetrachloro-m-xylene | | 7556133750 | 7417192413 | 7366207320 | 7201170040 | 6123421000 | 7132824905 | 8 |
| Aroclor-1248-1 | (1) | 362937087 | 375551145 | 389160858 | 390611340 | 359825360 | 375617158 | 4 |
| Aroclor-1248-2 | (2) | 226906631 | 241863020 | 243838414 | 257801160 | 259130280 | 245907901 | 5 |
| Aroclor-1248-3 | (3) | 258884180 | 267447340 | 286041186 | 300772772 | 321318420 | 286892780 | 9 |
| Aroclor-1248-4 | (4) | 264944699 | 288582168 | 281543548 | 284810560 | 293675780 | 282711351 | 4 |
| Aroclor-1248-5 | (5) | 531974990 | 530976477 | 538260328 | 580030476 | 417051840 | 519658822 | 12 |
| Decachlorobiphenyl | | 8995204870 | 9175718960 | 9269974040 | 9050625160 | 7344080200 | 8767120646 | 9 |
| Tetrachloro-m-xylene | | 7343926730 | 7496283907 | 7432157100 | 7125361600 | 5416154400 | 6962776747 | 13 |
| Aroclor-1254-1 | (1) | 570889099 | 597066183 | 605466528 | 586480320 | 460097860 | 563999998 | 11 |
| Aroclor-1254-2 | (2) | 484331632 | 496825463 | 519240264 | 512723972 | 637282480 | 530080762 | 12 |
| Aroclor-1254-3 | (3) | 866771846 | 893592493 | 892235862 | 873540968 | 729313040 | 851090842 | 8 |
| Aroclor-1254-4 | (4) | 656603428 | 687178148 | 673132272 | 636725912 | 495267720 | 629781496 | 12 |
| Aroclor-1254-5 | (5) | 714919063 | 793859644 | 718111150 | 679323440 | 693198580 | 719882375 | 6 |
| Decachlorobiphenyl | | 9294247170 | 9652211800 | 9737198260 | 9430246600 | 10010120400 | 9624804846 | 3 |
| Tetrachloro-m-xylene | | 7467434200 | 7759548133 | 7675903540 | 7263970760 | 7005463400 | 7434464007 | 4 |
| Aroclor-1268-1 | (1) | 1831610079 | 1813456776 | 1858863308 | 1732000476 | 1817331660 | 1810652460 | 3 |

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**CALIBRATION FACTOR OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1268-2 | (2) | 1800363506 | 1772458256 | 1795415328 | 1662166904 | 1645167940 | 1735114387 | 4 |
| Aroclor-1268-3 | (3) | 1369797429 | 1358701644 | 1402746042 | 1358715304 | 1345500120 | 1367092108 | 2 |
| Aroclor-1268-4 | (4) | 542764588 | 536784571 | 540251440 | 501746924 | 465672060 | 517443917 | 6 |
| Aroclor-1268-5 | (5) | 3855476951 | 3900359425 | 4013489614 | 3707995788 | 3381331260 | 3771730608 | 6 |
| Decachlorobiphenyl | | 16718332370 | 16659738347 | 17037476180 | 16197346520 | 15850998600 | 16492778403 | 3 |
| Tetrachloro-m-xylene | | 7499400880 | 7531972947 | 7553431460 | 7073074800 | 6855756800 | 7302727377 | 4 |

Raw Data

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## INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Instrument ID:** ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

**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 | 4.84 | 4.74 | 4.94 | 20176600 |
| | | 2 | 4.93 | 4.83 | 5.03 | 15061400 |
| | | 3 | 5.01 | 4.91 | 5.11 | 46915600 |
| | | 4 | 0.00 | | | 0 |
| | | 5 | 0.00 | | | 0 |
| Aroclor-1232 | 500 | 1 | 5.01 | 4.91 | 5.11 | 39314800 |
| | | 2 | 5.53 | 5.43 | 5.63 | 20627600 |
| | | 3 | 5.82 | 5.72 | 5.92 | 38639600 |
| | | 4 | 5.98 | 5.88 | 6.08 | 20172600 |
| | | 5 | 6.07 | 5.97 | 6.17 | 15662900 |
| Aroclor-1262 | 500 | 1 | 8.23 | 8.13 | 8.33 | 84026000 |
| | | 2 | 8.56 | 8.46 | 8.66 | 163669000 |
| | | 3 | 8.88 | 8.78 | 8.98 | 121787000 |
| | | 4 | 8.97 | 8.87 | 9.07 | 92111600 |
| | | 5 | 9.64 | 9.54 | 9.74 | 67824600 |

Raw Data

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Fax : 908 789 8922

## INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Instrument ID:** ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

**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 | 3.99 | 3.89 | 4.09 | 90009000 |
| | | 2 | 4.08 | 3.98 | 4.18 | 63177800 |
| | | 3 | 4.15 | 4.05 | 4.25 | 212036000 |
| | | 4 | 0.00 | | | 0 |
| | | 5 | 0.00 | | | 0 |
| Aroclor-1232 | 500 | 1 | 4.15 | 4.05 | 4.25 | 168044000 |
| | | 2 | 4.88 | 4.78 | 4.98 | 297516000 |
| | | 3 | 5.06 | 4.96 | 5.16 | 81766800 |
| | | 4 | 5.14 | 5.04 | 5.24 | 84943400 |
| | | 5 | 5.31 | 5.21 | 5.41 | 100651000 |
| Aroclor-1262 | 500 | 1 | 6.89 | 6.79 | 6.99 | 986952000 |
| | | 2 | 7.15 | 7.05 | 7.25 | 703208000 |
| | | 3 | 7.67 | 7.57 | 7.77 | 606960000 |
| | | 4 | 7.74 | 7.64 | 7.84 | 1101340000 |
| | | 5 | 8.23 | 8.13 | 8.33 | 461492000 |

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:06
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: Oct 21 17:20:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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... | 4.646 | 3.784 | 137.0E6 | 668.7E6 | 95.793 | 99.127 |
| 2) | SA Decachlor... | 10.422 | 8.784 | 101.2E6 | 797.1E6 | 94.728 | 97.280 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.799 | 4.880 | 53893845 | 708.6E6 | 944.490 | 971.503 |
| 4) | L1 AR-1016-2 | 5.820 | 4.938 | 81387326 | 344.7E6 | 944.028 | 993.737 |
| 5) | L1 AR-1016-3 | 5.883 | 5.058 | 50025937 | 184.8E6 | 936.900 | 956.181 |
| 6) | L1 AR-1016-4 | 5.980 | 5.099 | 41815325 | 185.4E6 | 941.806 | 979.658 |
| 7) | L1 AR-1016-5 | 6.272 | 5.313 | 39075321 | 202.1E6 | 950.438 | 954.703 |
| 31) | L7 AR-1260-1 | 7.391 | 6.341 | 64655691 | 519.1E6 | 956.379 | 969.730 |
| 32) | L7 AR-1260-2 | 7.643 | 6.527 | 80744063 | 816.9E6 | 953.639 | 988.405 |
| 33) | L7 AR-1260-3 | 8.001 | 6.681 | 64964687 | 571.2E6 | 969.854 | 972.855 |
| 34) | L7 AR-1260-4 | 8.229 | 7.150 | 65448766 | 562.5E6 | 948.590 | 1005.572 |
| 35) | L7 AR-1260-5 | 8.555 | 7.390 | 139.4E6 | 1443.3E6 | 955.220 | 998.316 |

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

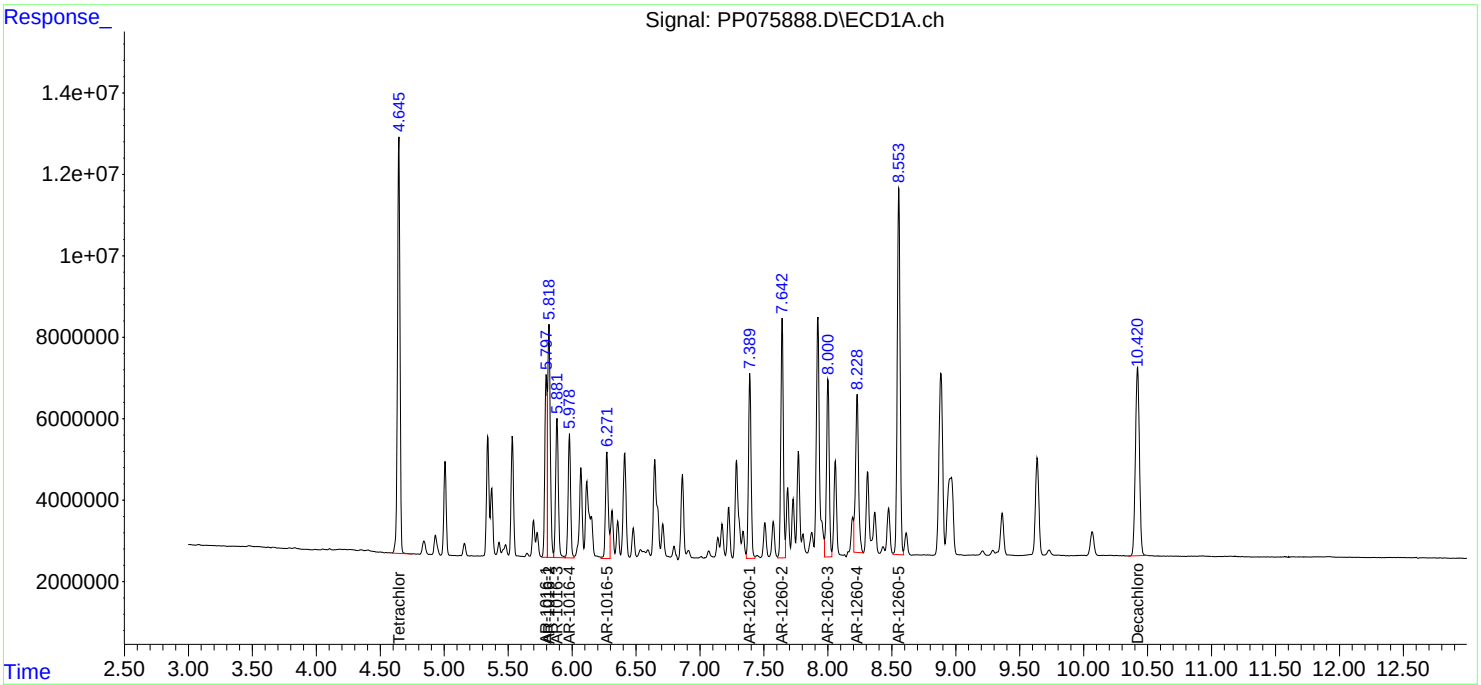
ICAL Form

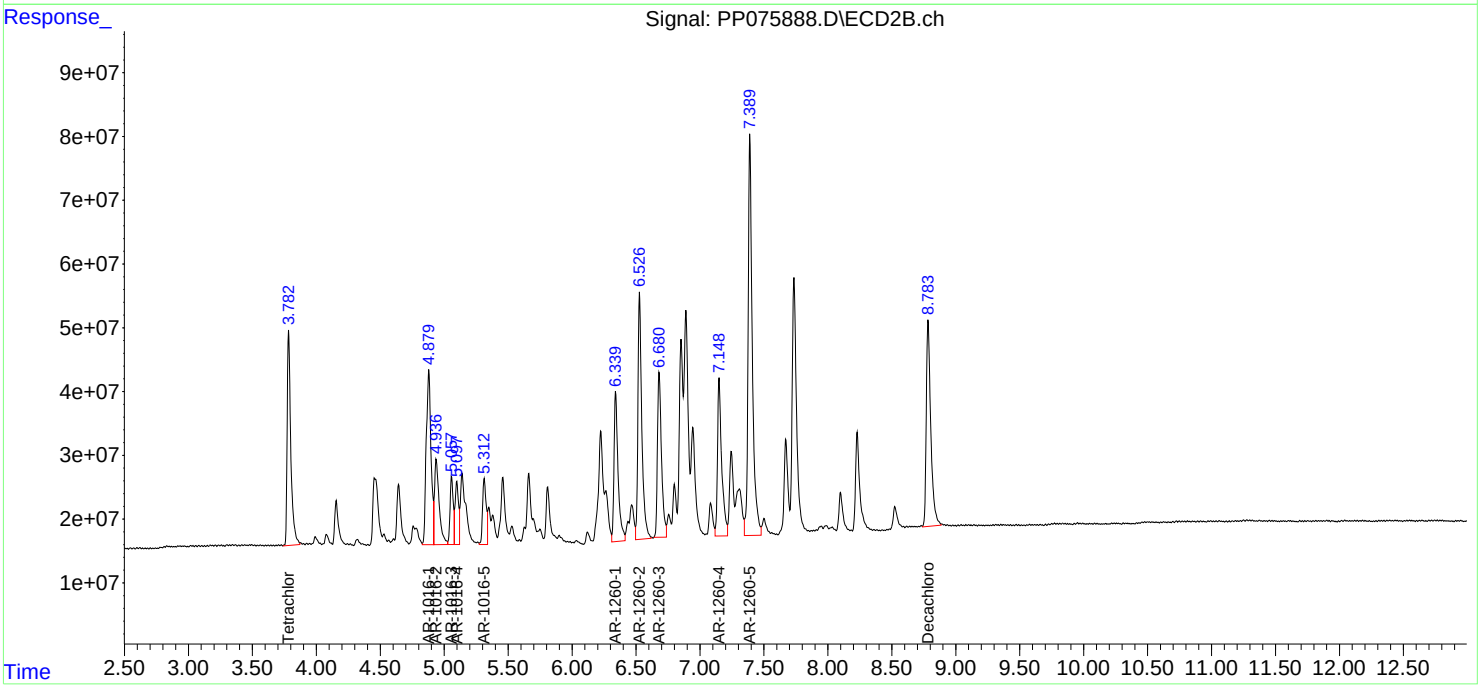
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:06
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

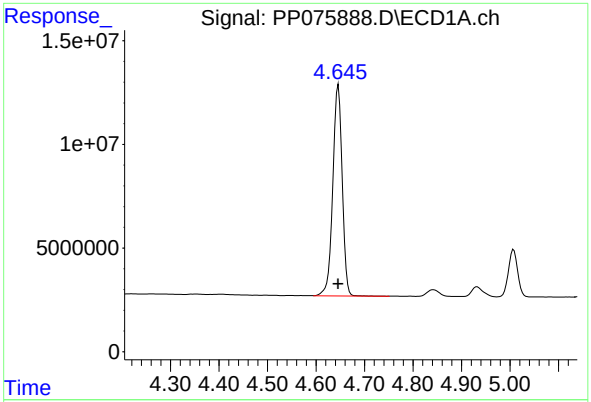
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:20:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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



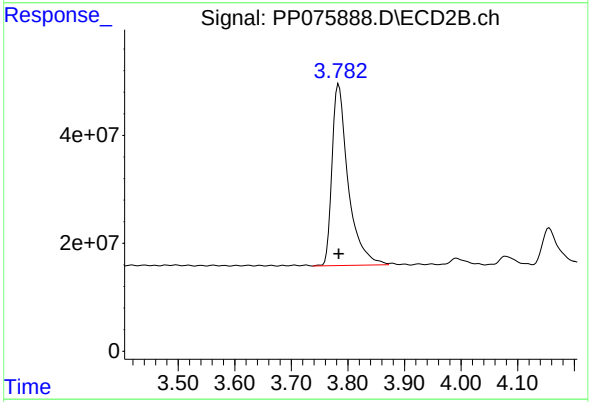






#1 Tetrachloro-m-xylene

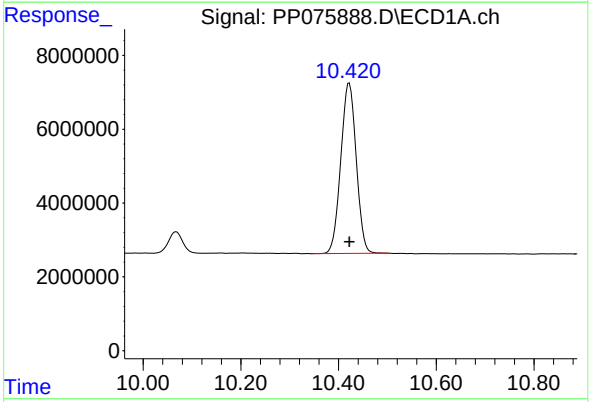
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 137021959
Conc: 95.79 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC1000



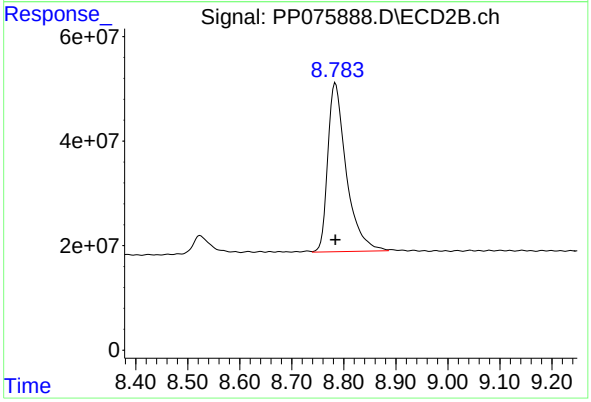

#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 668714543
Conc: 99.13 ng/ml



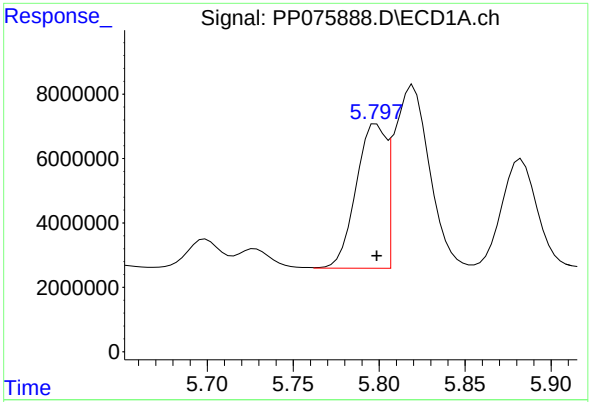

#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 101213295
Conc: 94.73 ng/ml




#2 Decachlorobiphenyl

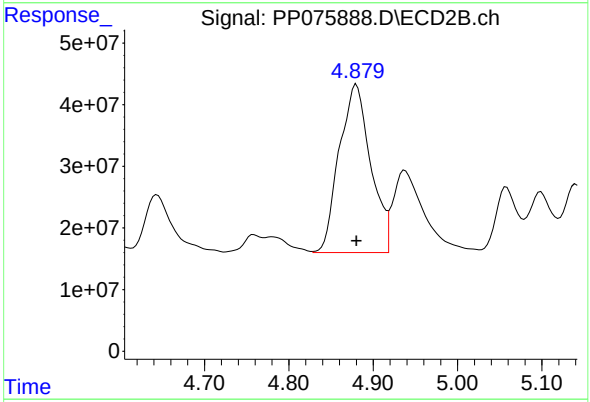
R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 797069709
Conc: 97.28 ng/ml




#3 AR-1016-1

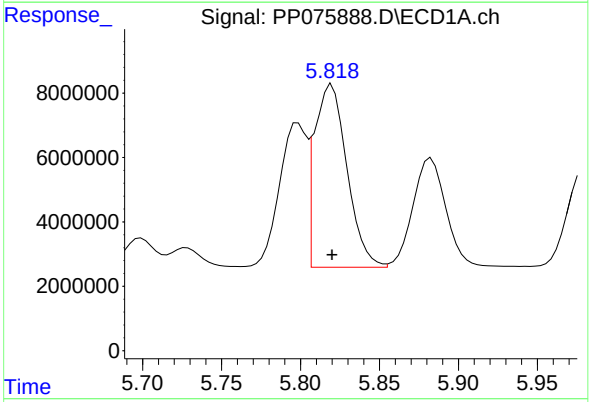
R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 53893845
Conc: 944.49 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC1000



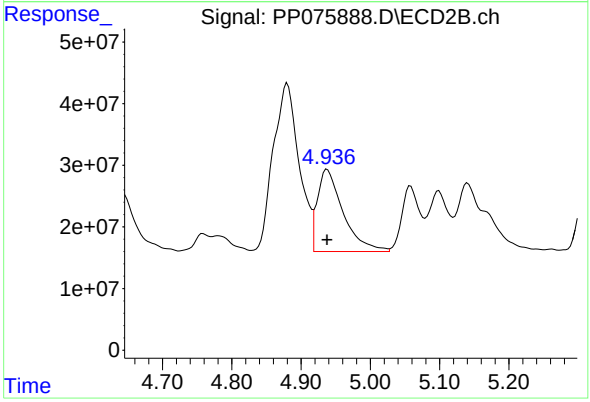

#3 AR-1016-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 708597432
Conc: 971.50 ng/ml



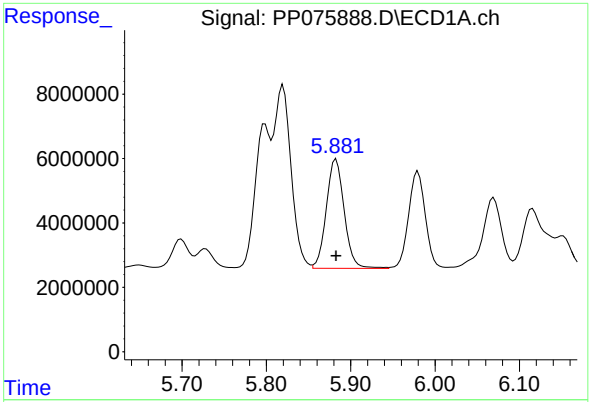

#4 AR-1016-2

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 81387326
Conc: 944.03 ng/ml




#4 AR-1016-2

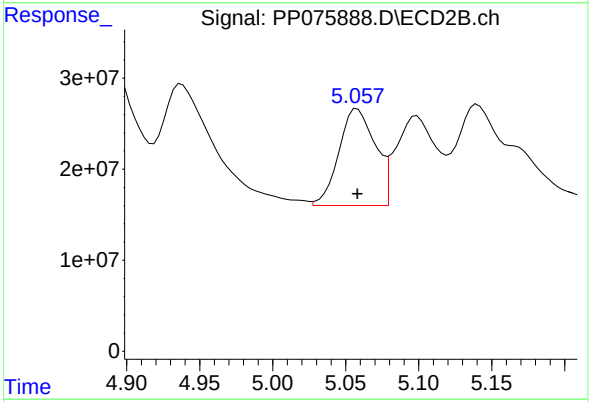
R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 344688013
Conc: 993.74 ng/ml




#5 AR-1016-3

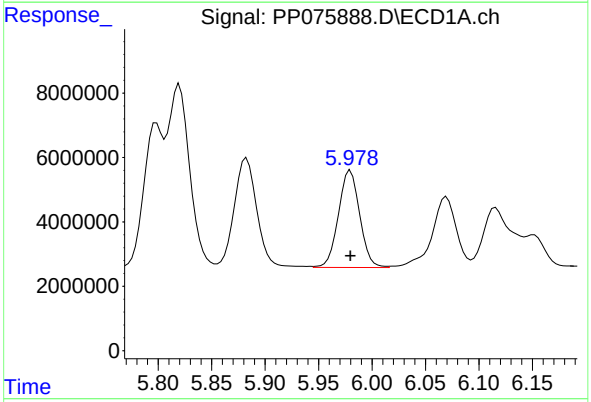
R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 50025937
Conc: 936.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC1000



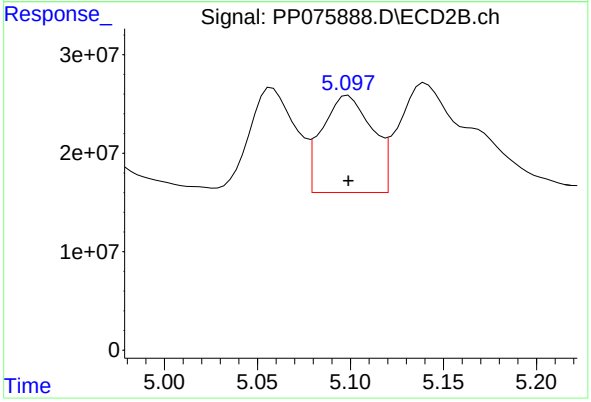

#5 AR-1016-3

R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 184756021
Conc: 956.18 ng/ml



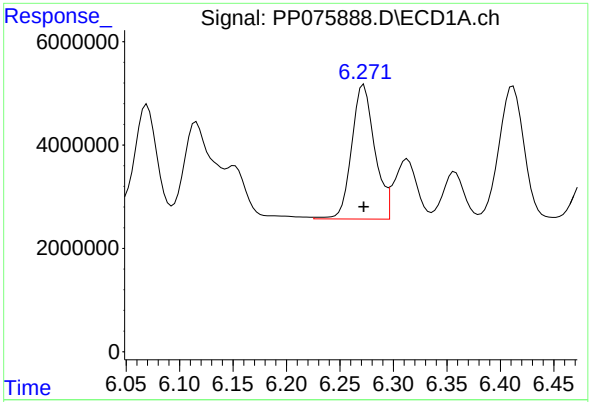

#6 AR-1016-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 41815325
Conc: 941.81 ng/ml




#6 AR-1016-4

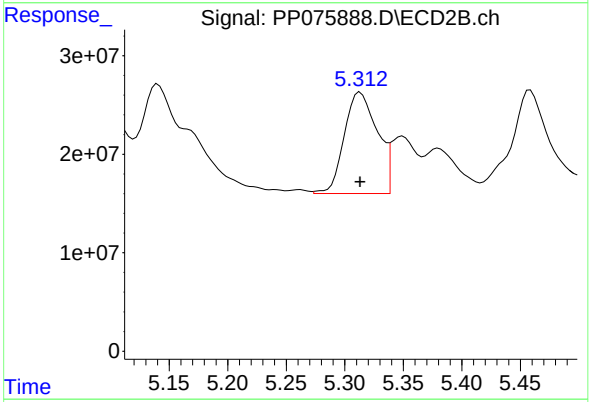
R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 185429480
Conc: 979.66 ng/ml




#7 AR-1016-5

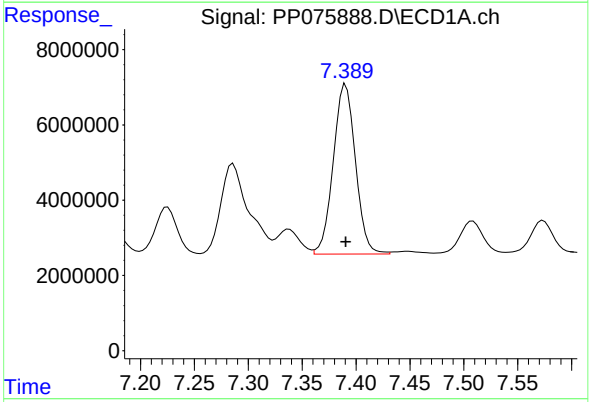
R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 39075321
Conc: 950.44 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC1000



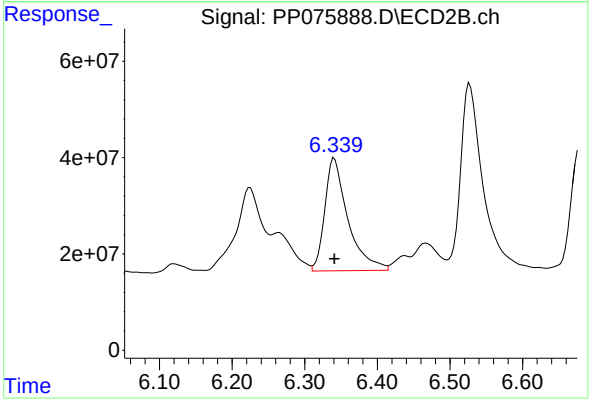

#7 AR-1016-5

R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 202087874
Conc: 954.70 ng/ml



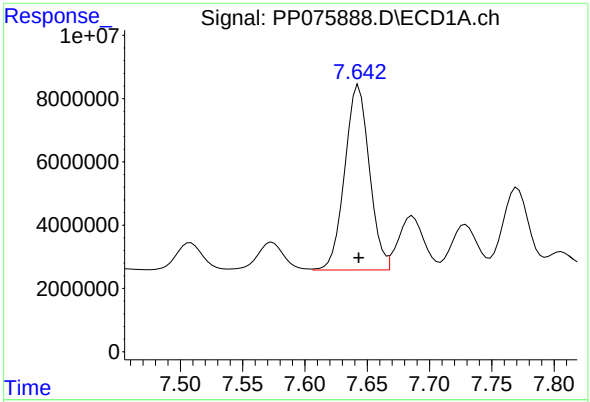

#31 AR-1260-1

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 64655691
Conc: 956.38 ng/ml




#31 AR-1260-1

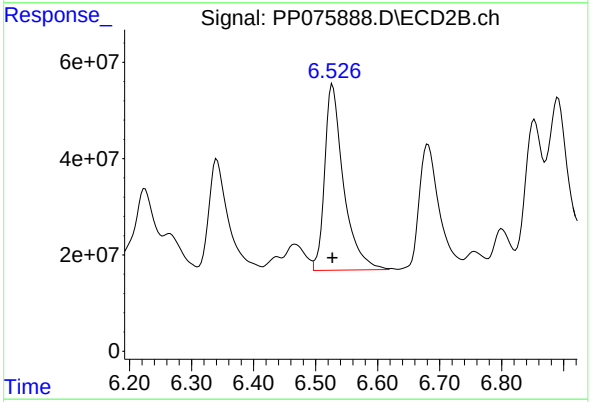
R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 519115007
Conc: 969.73 ng/ml




#32 AR-1260-2

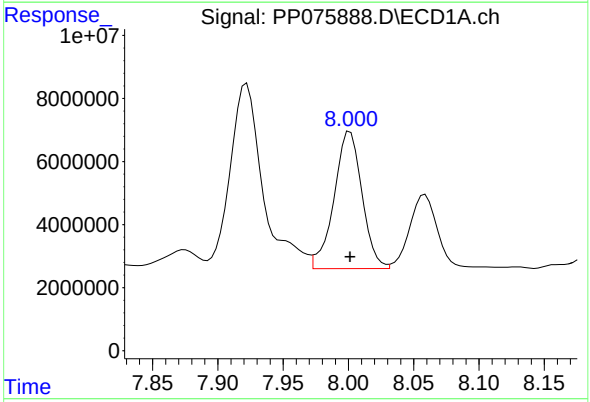
R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 80744063
Conc: 953.64 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC1000



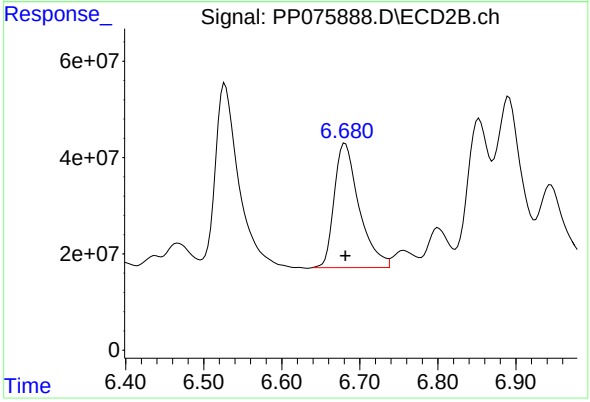

#32 AR-1260-2

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 816933203
Conc: 988.41 ng/ml



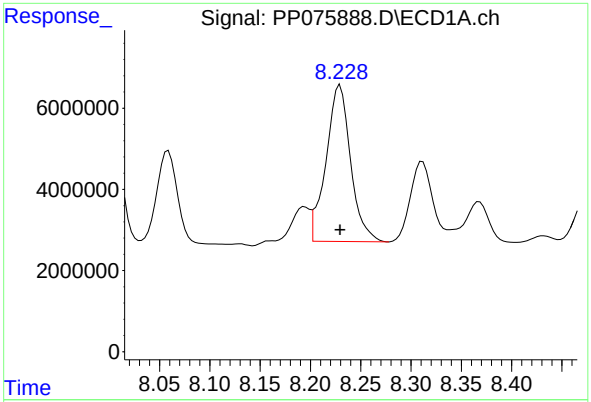

#33 AR-1260-3

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 64964687
Conc: 969.85 ng/ml




#33 AR-1260-3

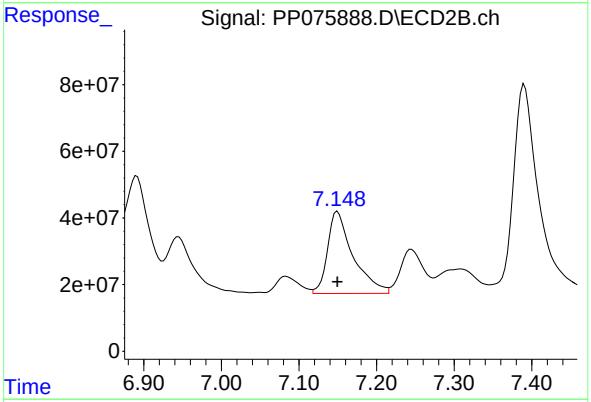
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 571186815
Conc: 972.85 ng/ml




#34 AR-1260-4

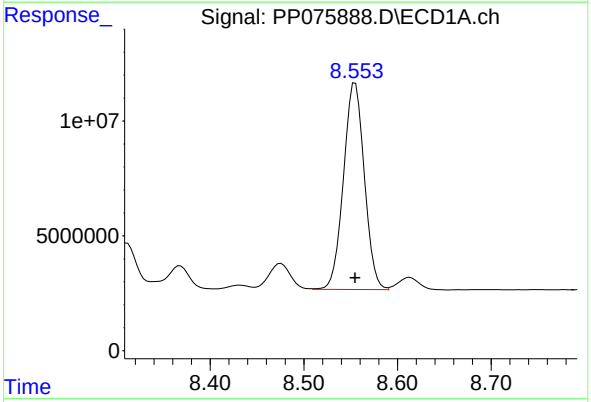
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 65448766
Conc: 948.59 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC1000



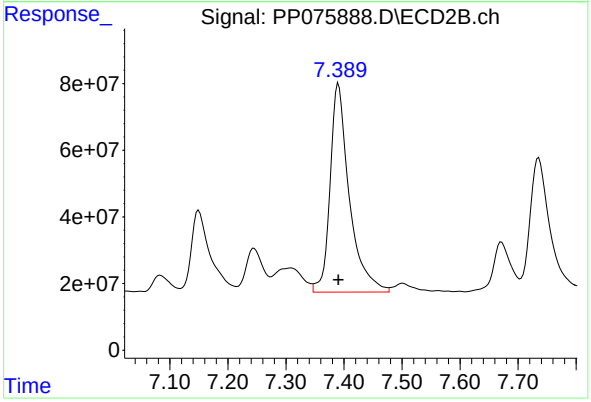

#34 AR-1260-4

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 562542796
Conc: 1005.57 ng/ml




#35 AR-1260-5

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 139384380
Conc: 955.22 ng/ml




#35 AR-1260-5

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 1443277342
Conc: 998.32 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:22
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: Oct 21 17:23:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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... | 4.642 | 3.781 | 109.0E6 | 526.4E6 | 75.790 | 76.994 |
| 2) | SA Decachlor... | 10.419 | 8.782 | 80347709 | 633.6E6 | 75.133 | 76.538 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.795 | 4.877 | 43386329 | 566.3E6 | 756.866 | 767.445 |
| 4) | L1 AR-1016-2 | 5.817 | 4.935 | 64945093 | 271.7E6 | 752.204 | 771.869 |
| 5) | L1 AR-1016-3 | 5.879 | 5.055 | 40120308 | 149.1E6 | 750.922 | 764.309 |
| 6) | L1 AR-1016-4 | 5.977 | 5.096 | 33463154 | 146.7E6 | 752.456 | 766.543 |
| 7) | L1 AR-1016-5 | 6.270 | 5.309 | 31033086 | 167.4E6 | 753.210 | 776.704 |
| 31) | L7 AR-1260-1 | 7.387 | 6.338 | 50931055 | 410.4E6 | 752.240 | 760.963 |
| 32) | L7 AR-1260-2 | 7.640 | 6.525 | 63926138 | 635.3E6 | 753.332 | 762.324 |
| 33) | L7 AR-1260-3 | 7.999 | 6.678 | 50664437 | 443.9E6 | 754.232 | 754.073 |
| 34) | L7 AR-1260-4 | 8.226 | 7.147 | 53033476 | 417.9E6 | 762.329 | 748.026 |
| 35) | L7 AR-1260-5 | 8.552 | 7.387 | 109.7E6 | 1121.5E6 | 751.069 | 766.981 |

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

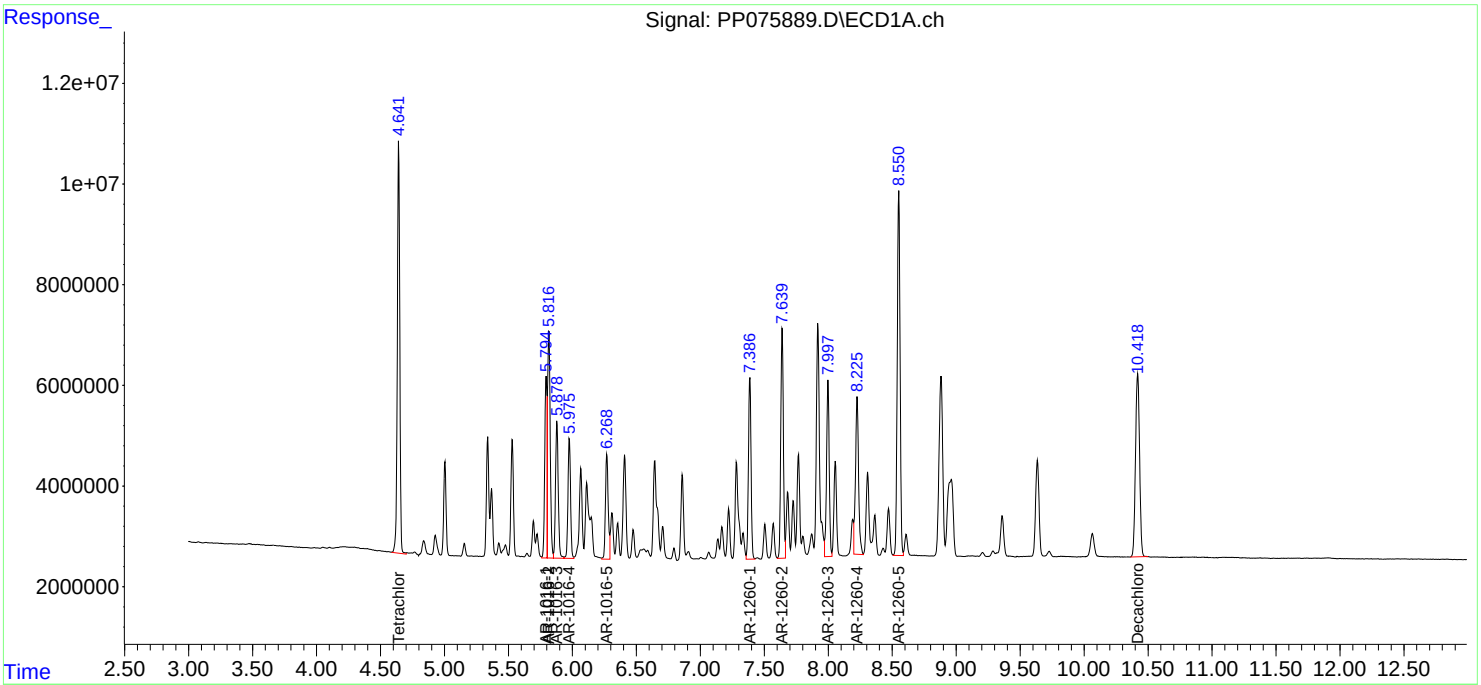
ICAL Form

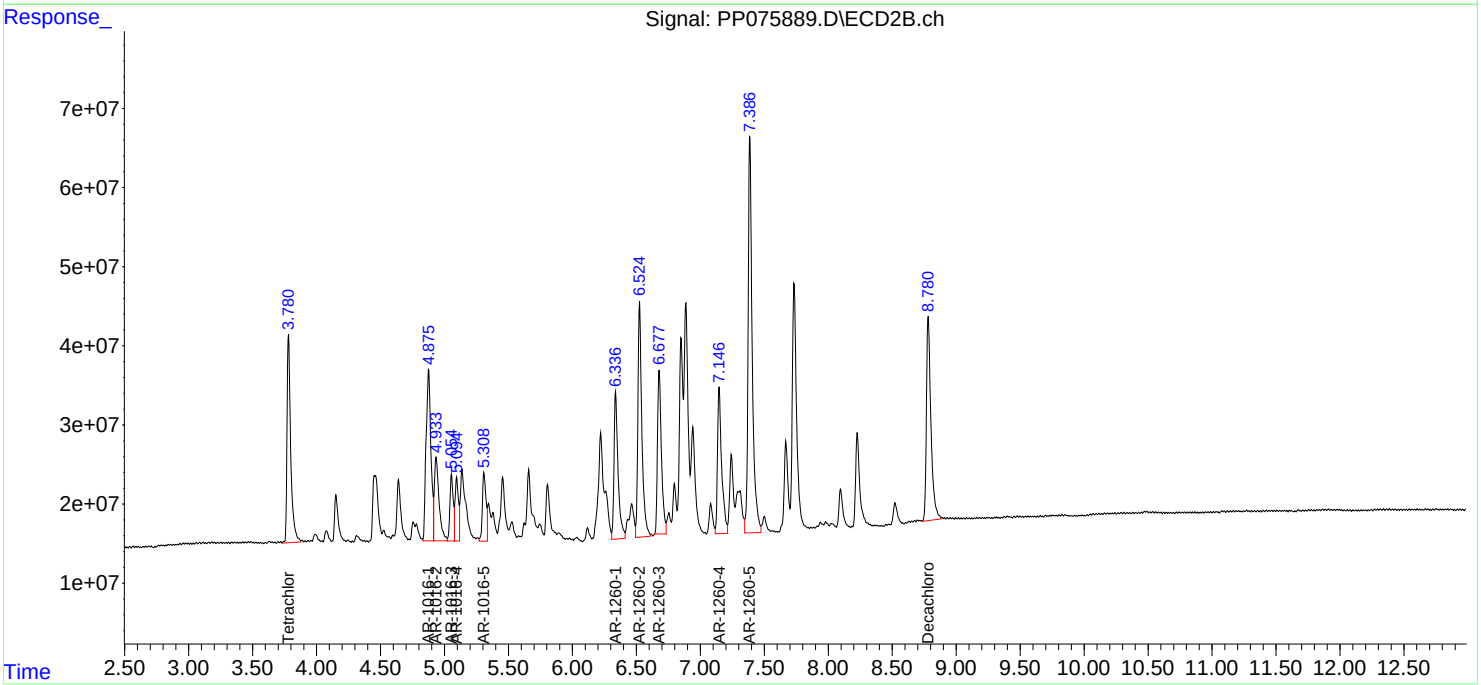
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:22
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

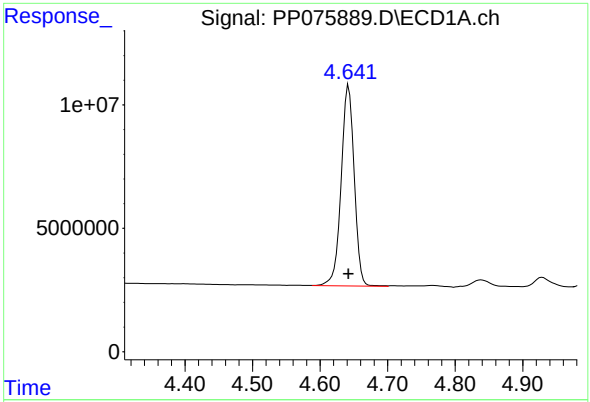
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:23:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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



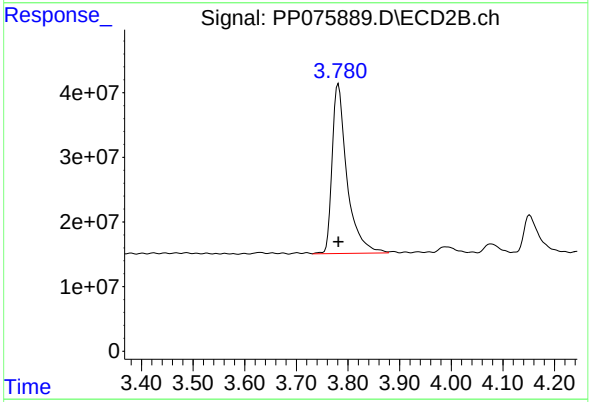






#1 Tetrachloro-m-xylene

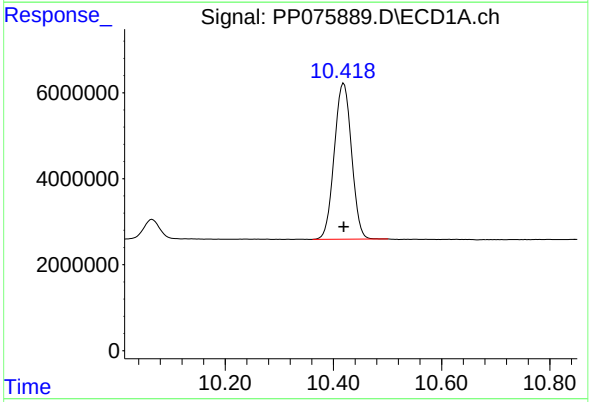
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 108983767
Conc: 75.79 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC750



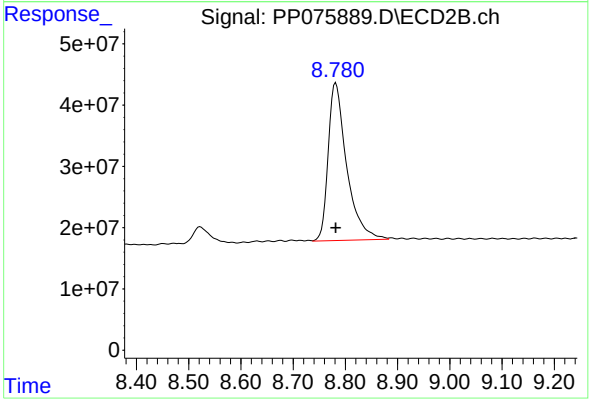

#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 526398850
Conc: 76.99 ng/ml



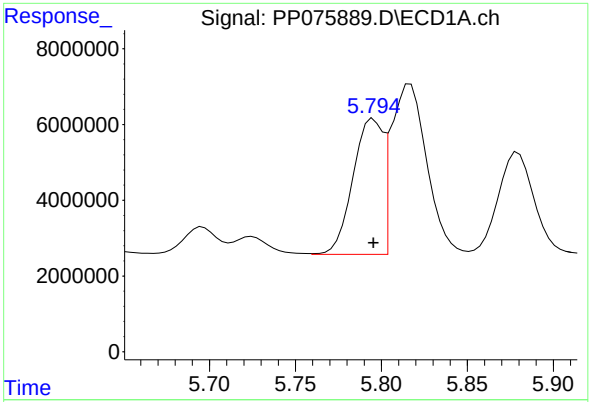

#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 80347709
Conc: 75.13 ng/ml




#2 Decachlorobiphenyl

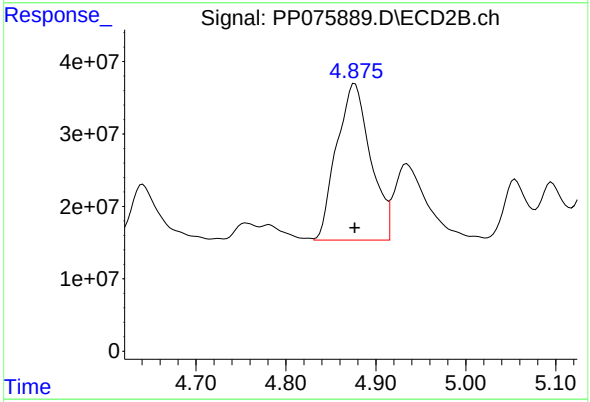
R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 633609768
Conc: 76.54 ng/ml




#3 AR-1016-1

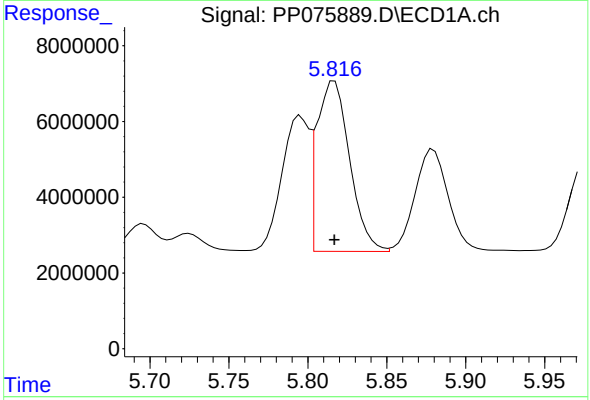
R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 43386329
Conc: 756.87 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC750



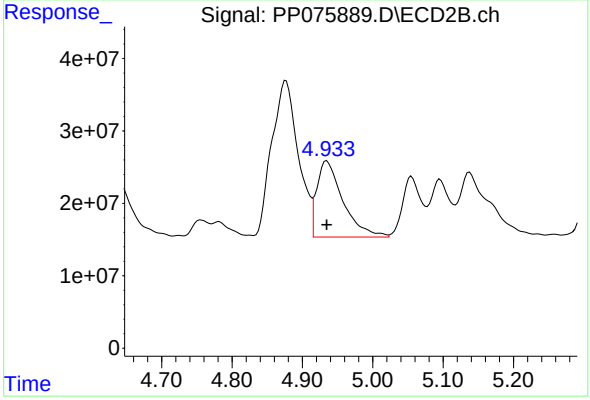

#3 AR-1016-1

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 566347900
Conc: 767.45 ng/ml



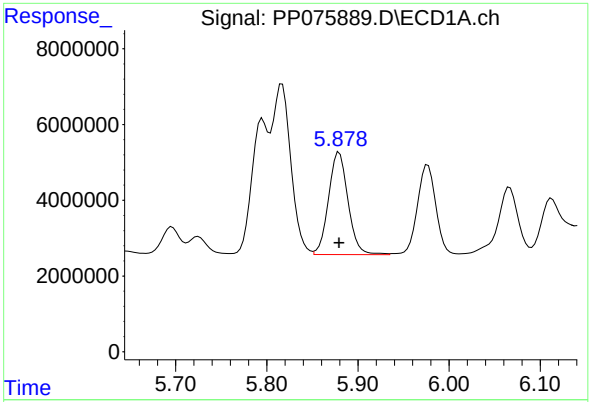

#4 AR-1016-2

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 64945093
Conc: 752.20 ng/ml




#4 AR-1016-2

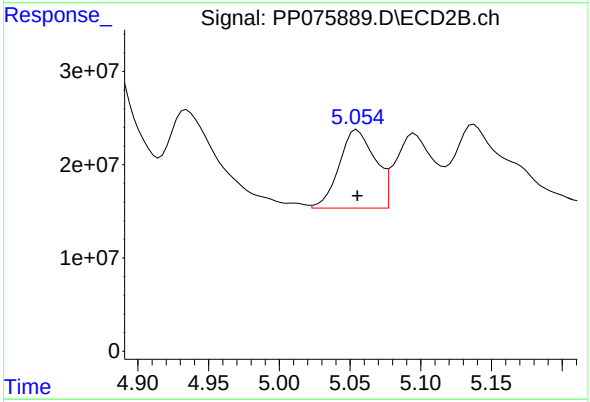
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 271691950
Conc: 771.87 ng/ml




#5 AR-1016-3

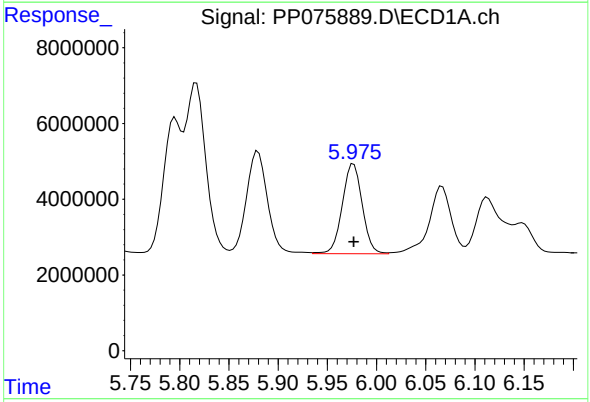
R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 40120308
Conc: 750.92 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC750



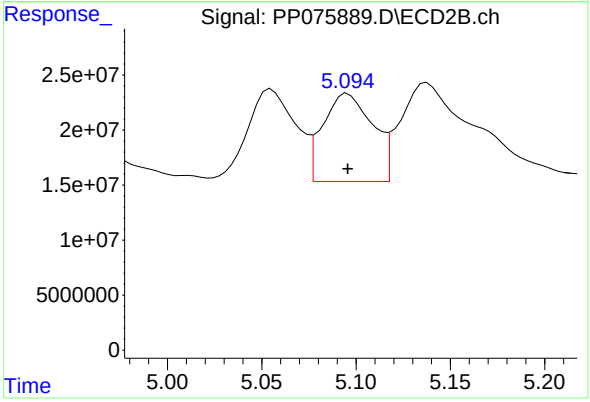

#5 AR-1016-3

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 149104477
Conc: 764.31 ng/ml



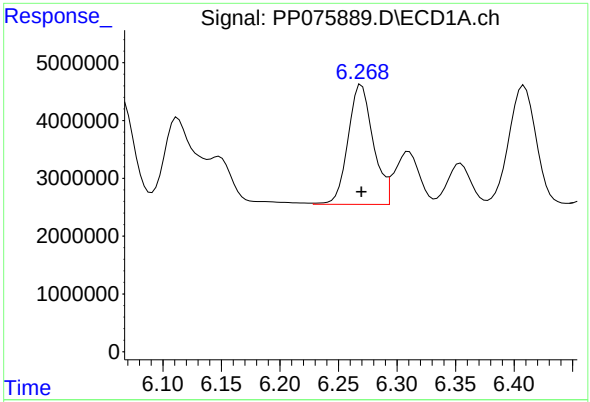

#6 AR-1016-4

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 33463154
Conc: 752.46 ng/ml




#6 AR-1016-4

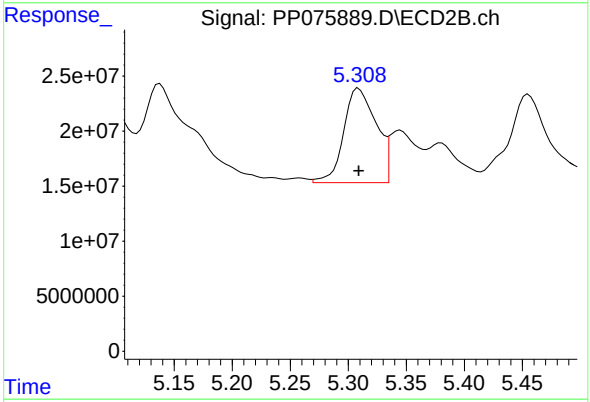
R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 146709049
Conc: 766.54 ng/ml




#7 AR-1016-5

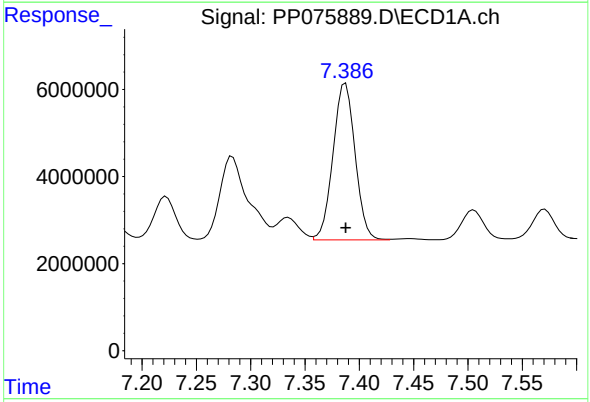
R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 31033086
Conc: 753.21 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC750



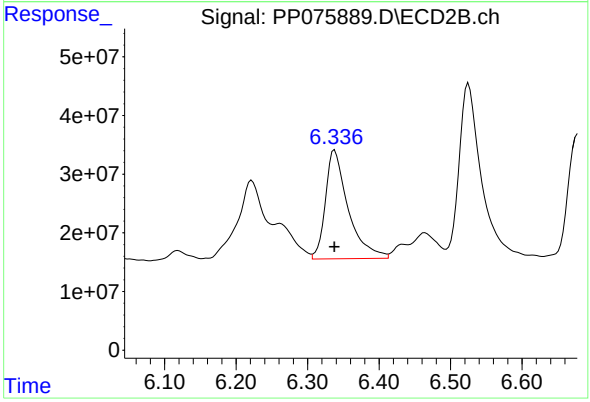

#7 AR-1016-5

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 167389785
Conc: 776.70 ng/ml



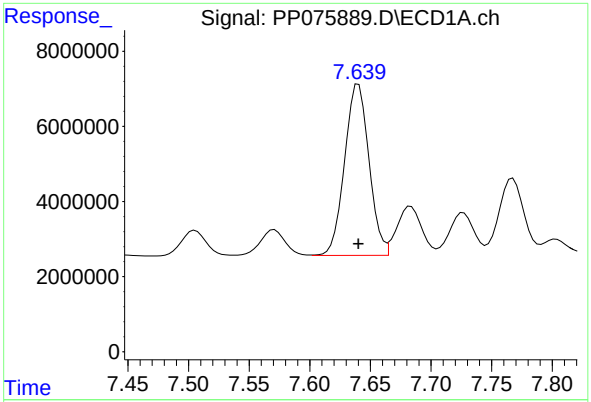

#31 AR-1260-1

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 50931055
Conc: 752.24 ng/ml




#31 AR-1260-1

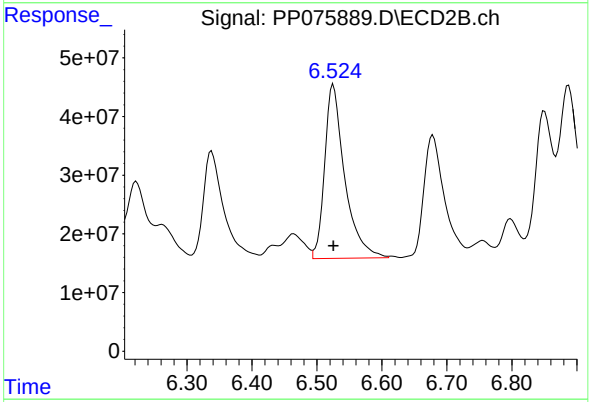
R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 410357588
Conc: 760.96 ng/ml




#32 AR-1260-2

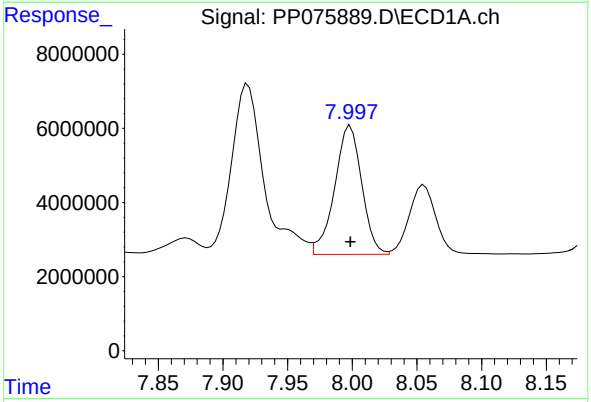
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 63926138
Conc: 753.33 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC750



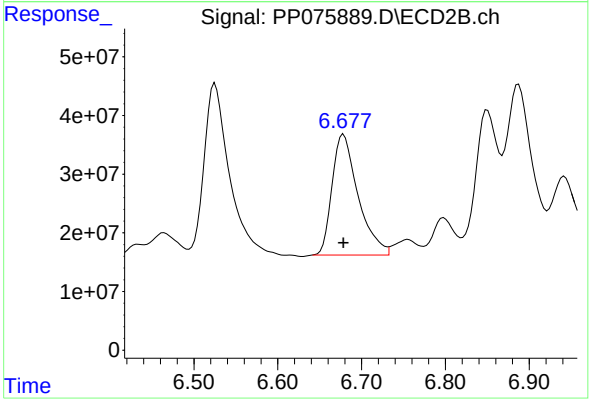

#32 AR-1260-2

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 635292850
Conc: 762.32 ng/ml



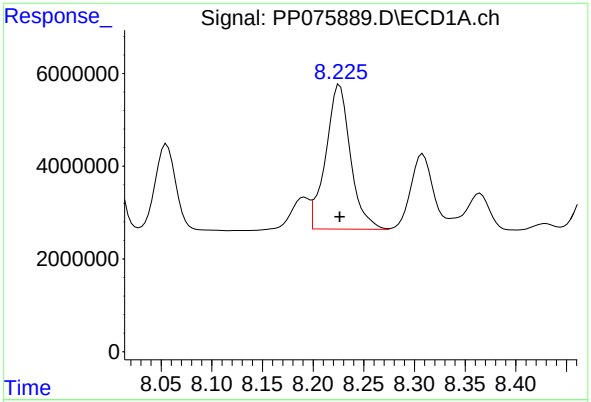

#33 AR-1260-3

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 50664437
Conc: 754.23 ng/ml




#33 AR-1260-3

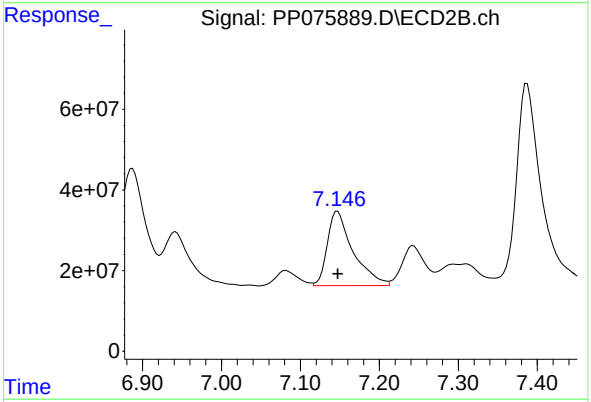
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 443939690
Conc: 754.07 ng/ml




#34 AR-1260-4

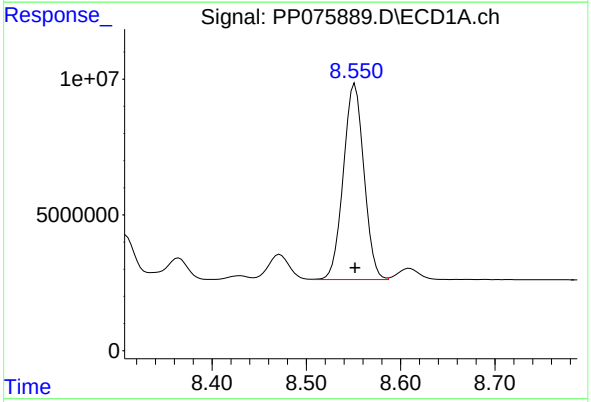
R.T.: 8.226 min
Delta R.T.: 0.000 min
Response: 53033476
Conc: 762.33 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC750



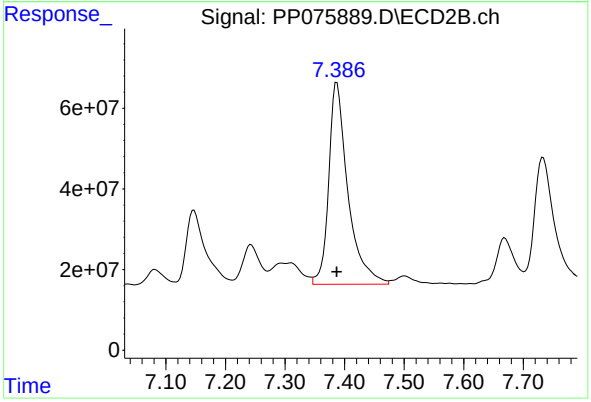

#34 AR-1260-4

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 417915311
Conc: 748.03 ng/ml




#35 AR-1260-5

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 109672973
Conc: 751.07 ng/ml




#35 AR-1260-5

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 1121530603
Conc: 766.98 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:38
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: Oct 21 17:17:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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... | 4.642 | 3.781 | 74528552 | 340.2E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.419 | 8.782 | 56239261 | 420.8E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.795 | 4.878 | 30114384 | 375.1E6 | 500.000 | 500.000 |
| 4) | L1 AR-1016-2 | 5.817 | 4.936 | 45519198 | 174.5E6 | 500.000 | 500.000 |
| 5) | L1 AR-1016-3 | 5.880 | 5.054 | 28382201 | 100.8E6 | 500.000 | 500.000 |
| 6) | L1 AR-1016-4 | 5.977 | 5.096 | 23491429 | 96565055 | 500.000 | 500.000 |
| 7) | L1 AR-1016-5 | 6.269 | 5.310 | 21575284 | 110.6E6 | 500.000 | 500.000 |
| 31) | L7 AR-1260-1 | 7.387 | 6.338 | 35276845 | 275.8E6 | 500.000 | 500.000 |
| 32) | L7 AR-1260-2 | 7.640 | 6.525 | 44297376 | 418.0E6 | 500.000 | 500.000 |
| 33) | L7 AR-1260-3 | 7.999 | 6.678 | 34501640 | 301.5E6 | 500.000 | 500.000 |
| 34) | L7 AR-1260-4 | 8.227 | 7.147 | 36271488 | 278.2E6 | 500.000 | 500.000 |
| 35) | L7 AR-1260-5 | 8.552 | 7.387 | 76226369 | 724.1E6 | 500.000 | 500.000 |

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

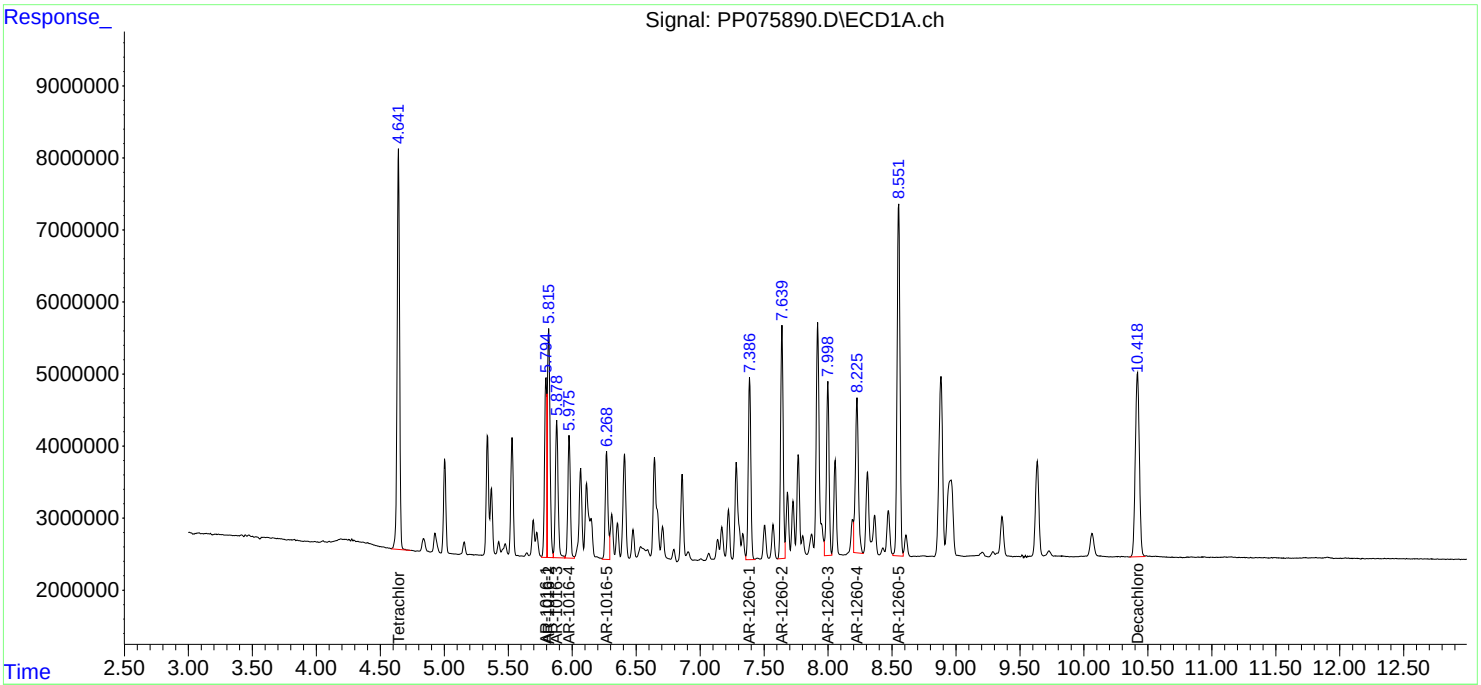
ICAL Form

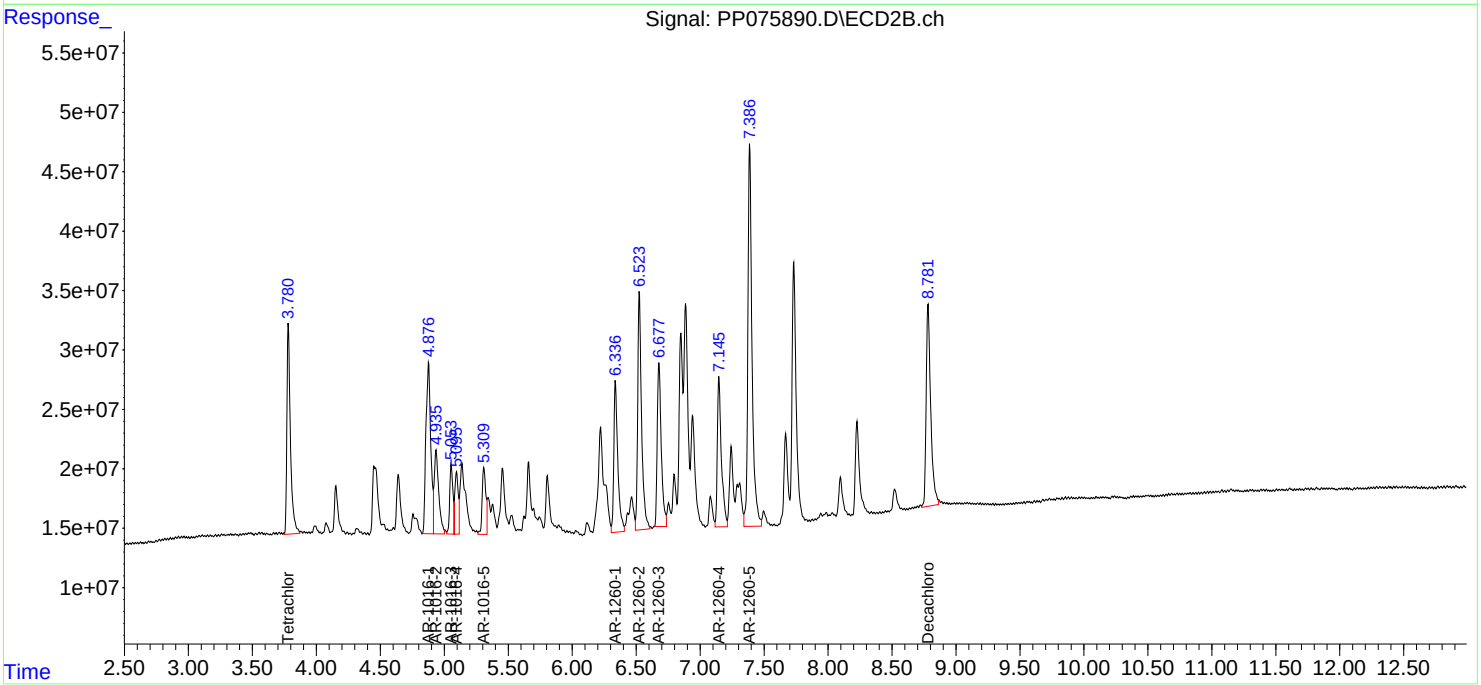
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:38
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

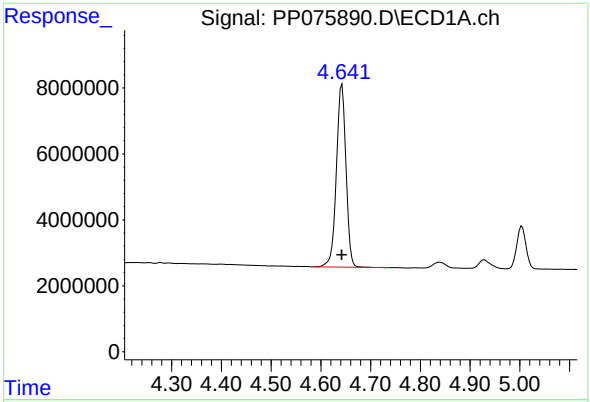
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:17:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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



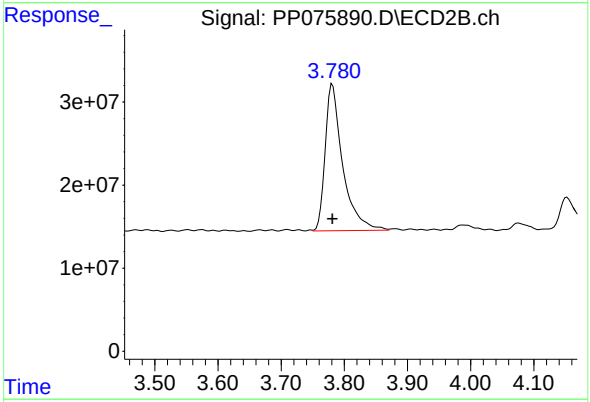






#1 Tetrachloro-m-xylene

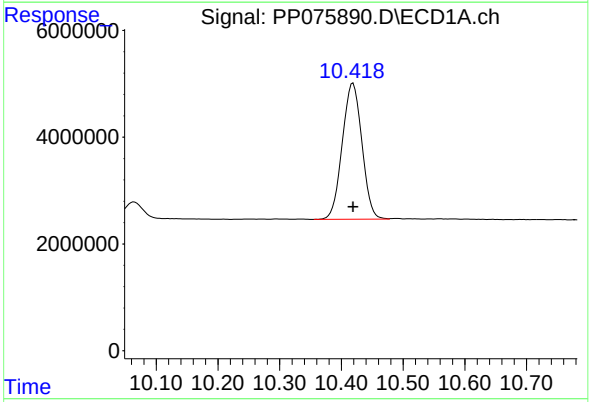
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 74528552
Conc: 50.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC500



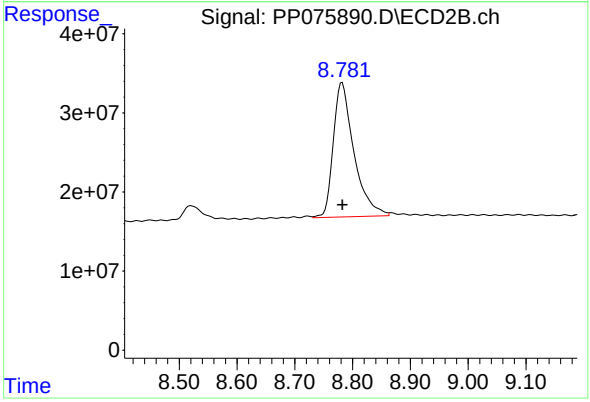

#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 340246189
Conc: 50.00 ng/ml



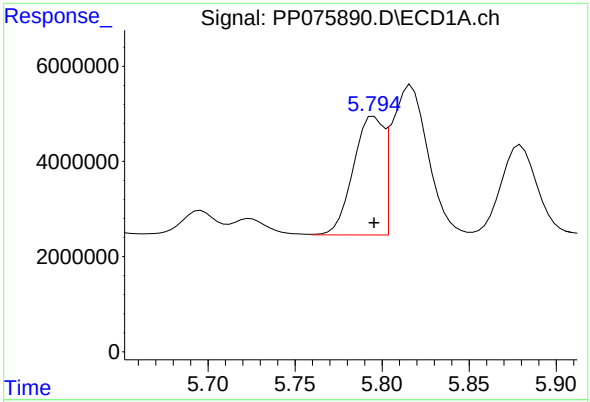

#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 56239261
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

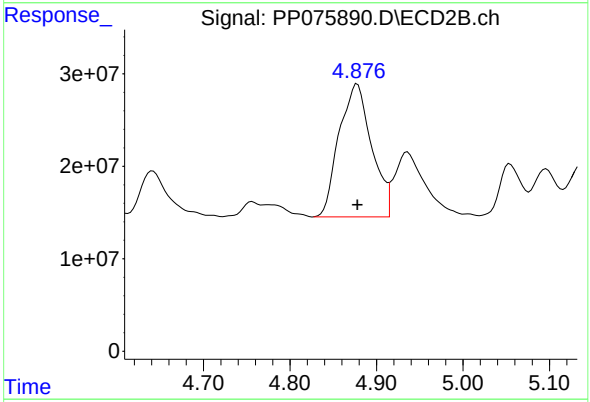
R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 420820866
Conc: 50.00 ng/ml




#3 AR-1016-1

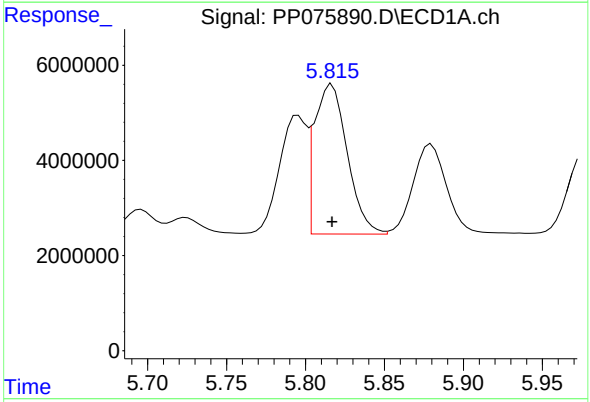
R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 30114384
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC500



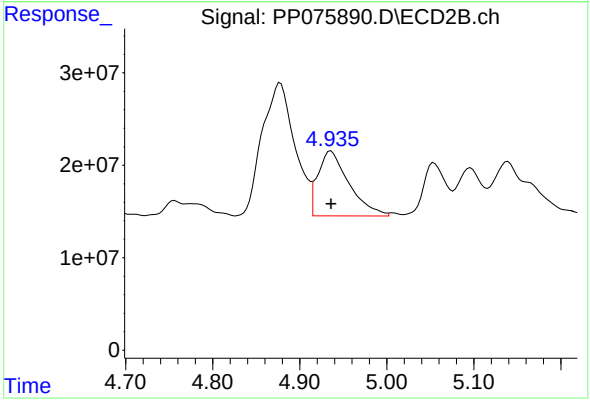

#3 AR-1016-1

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 375084110
Conc: 500.00 ng/ml



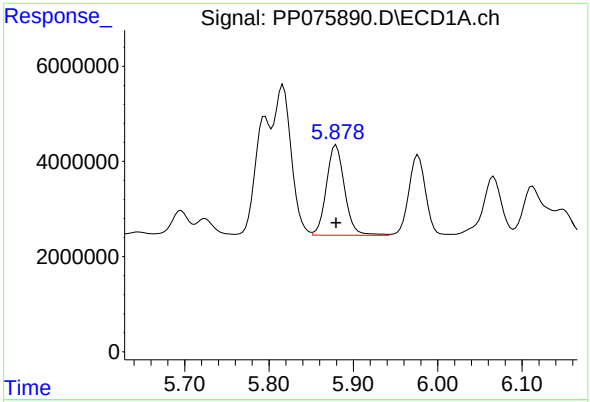

#4 AR-1016-2

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 45519198
Conc: 500.00 ng/ml




#4 AR-1016-2

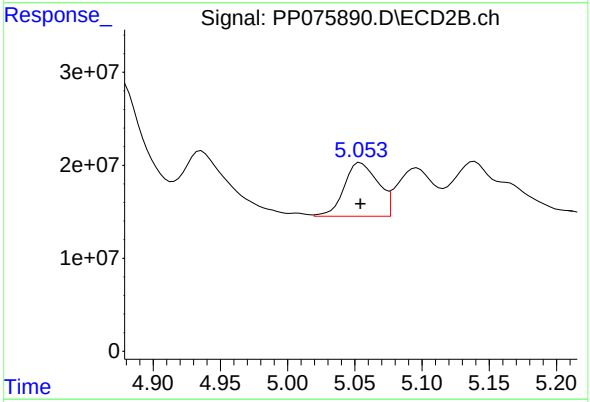
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 174516538
Conc: 500.00 ng/ml




#5 AR-1016-3

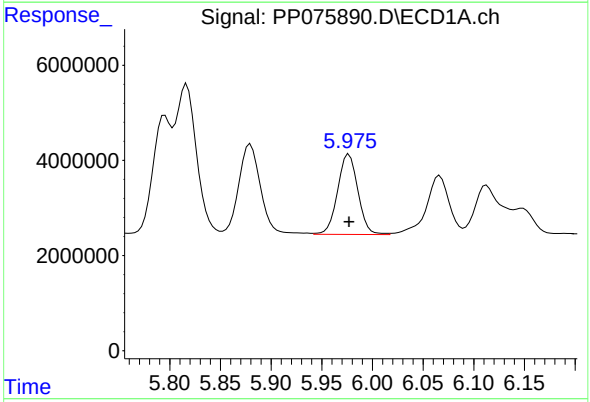
R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 28382201
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC500



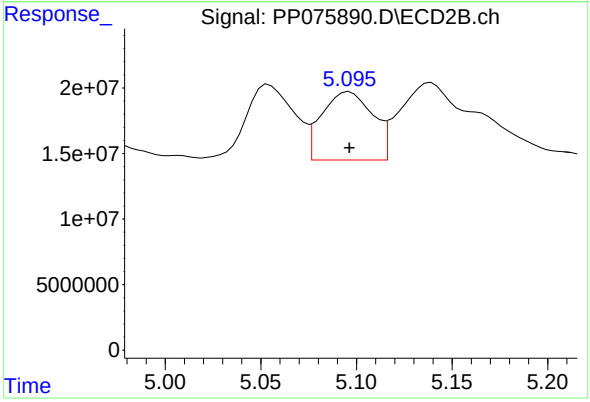

#5 AR-1016-3

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 100844885
Conc: 500.00 ng/ml



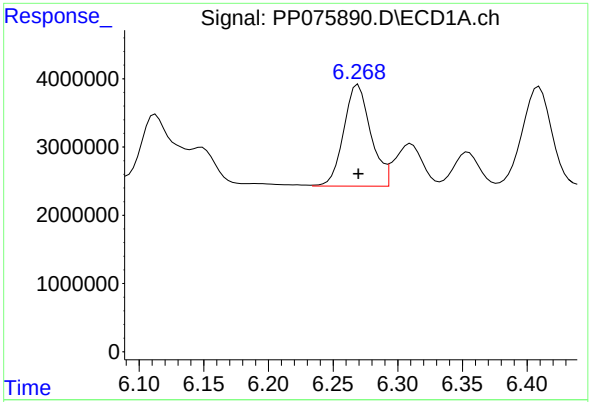

#6 AR-1016-4

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 23491429
Conc: 500.00 ng/ml




#6 AR-1016-4

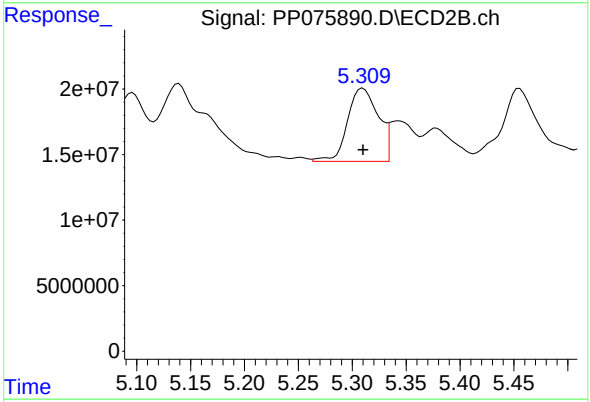
R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 96565055
Conc: 500.00 ng/ml




#7 AR-1016-5

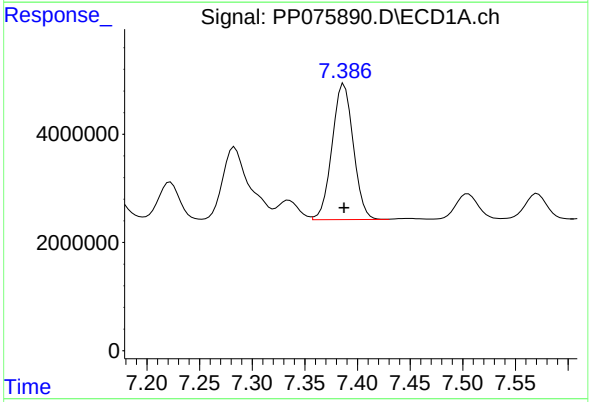
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 21575284
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC500



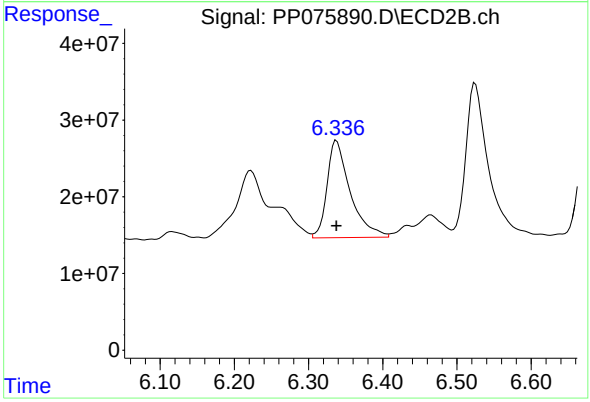

#7 AR-1016-5

R.T.: 5.310 min
Delta R.T.: 0.000 min
Response: 110632171
Conc: 500.00 ng/ml



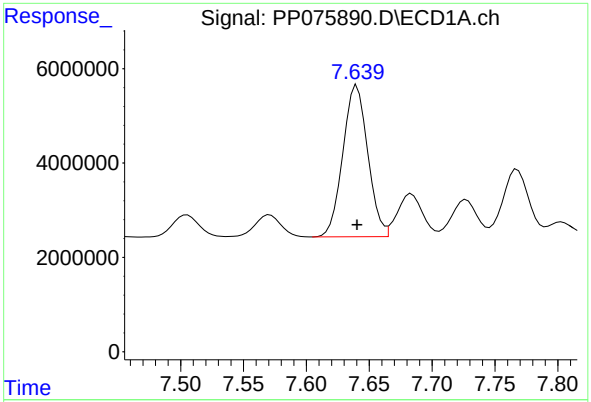

#31 AR-1260-1

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 35276845
Conc: 500.00 ng/ml




#31 AR-1260-1

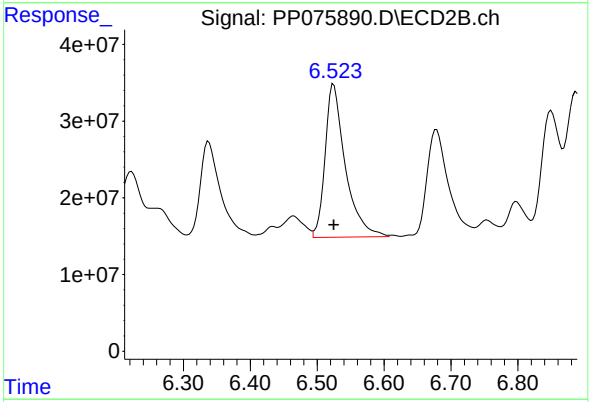
R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 275761874
Conc: 500.00 ng/ml




#32 AR-1260-2

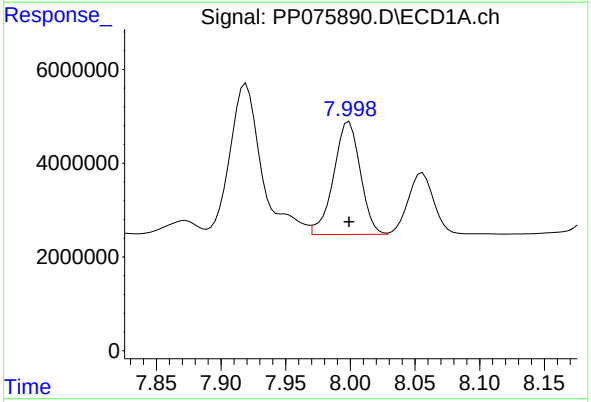
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 44297376
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC500



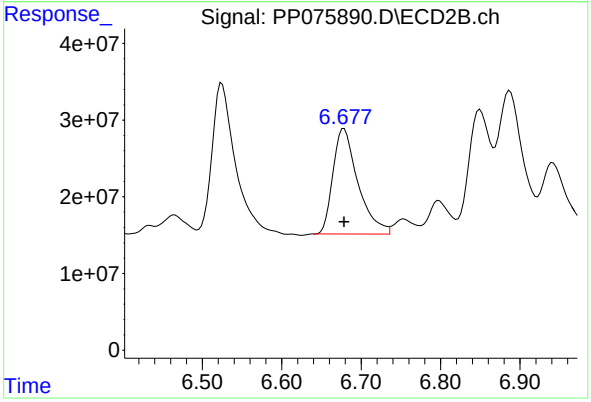

#32 AR-1260-2

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 418049672
Conc: 500.00 ng/ml



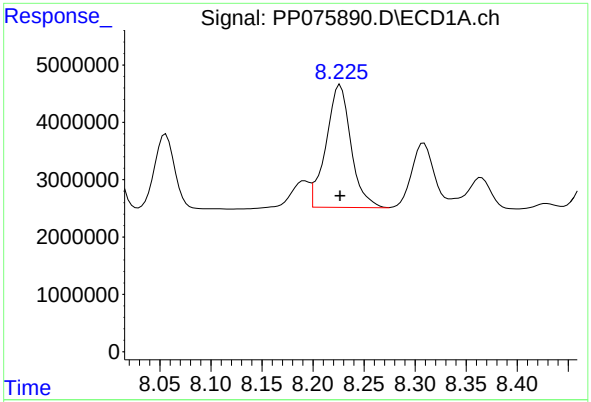

#33 AR-1260-3

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 34501640
Conc: 500.00 ng/ml




#33 AR-1260-3

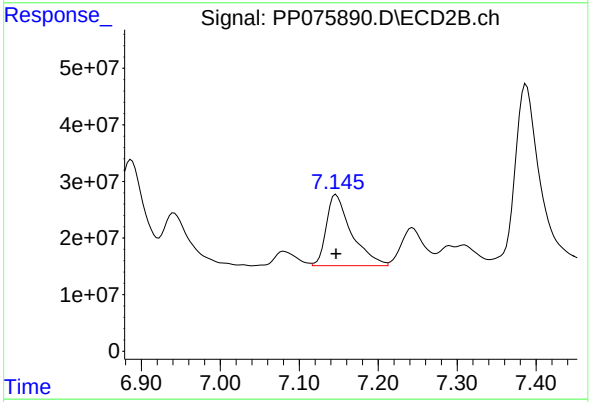
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 301530921
Conc: 500.00 ng/ml




#34 AR-1260-4

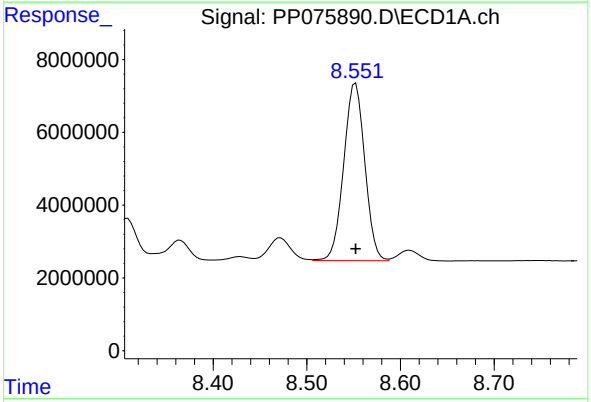
R.T.: 8.227 min
Delta R.T.: 0.000 min
Response: 36271488
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC500



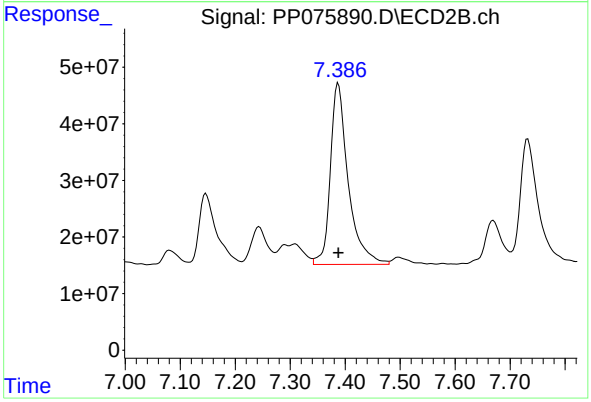

#34 AR-1260-4

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 278154531
Conc: 500.00 ng/ml




#35 AR-1260-5

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 76226369
Conc: 500.00 ng/ml




#35 AR-1260-5

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 724073181
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:54
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: Oct 21 17:27:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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... | 4.645 | 3.784 | 37075524 | 169.0E6 | 25.583 | 24.784 |
| 2) | SA Decachlor... | 10.422 | 8.784 | 28447228 | 209.4E6 | 26.182 | 25.220 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.798 | 4.879 | 15764214 | 192.2E6 | 268.295 | 257.757 |
| 4) | L1 AR-1016-2 | 5.819 | 4.938 | 23732820 | 92000931 | 268.205 | 258.433 |
| 5) | L1 AR-1016-3 | 5.882 | 5.057 | 14886118 | 51110889 | 270.868 | 258.889 |
| 6) | L1 AR-1016-4 | 5.979 | 5.098 | 12136196 | 50910953 | 266.787 | 261.815 |
| 7) | L1 AR-1016-5 | 6.272 | 5.311 | 11195531 | 62484223 | 265.950 | 278.799 |
| 31) | L7 AR-1260-1 | 7.390 | 6.340 | 18525045 | 137.5E6 | 267.300 | 253.727 |
| 32) | L7 AR-1260-2 | 7.643 | 6.526 | 23496784 | 210.3E6 | 269.643 | 251.752 |
| 33) | L7 AR-1260-3 | 8.001 | 6.680 | 18178927 | 148.9E6 | 265.157 | 252.205 |
| 34) | L7 AR-1260-4 | 8.229 | 7.150 | 18638279 | 133.3E6 | 263.200 | 241.399 |
| 35) | L7 AR-1260-5 | 8.554 | 7.389 | 38759842 | 344.9E6 | 261.402 | 239.232 |

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

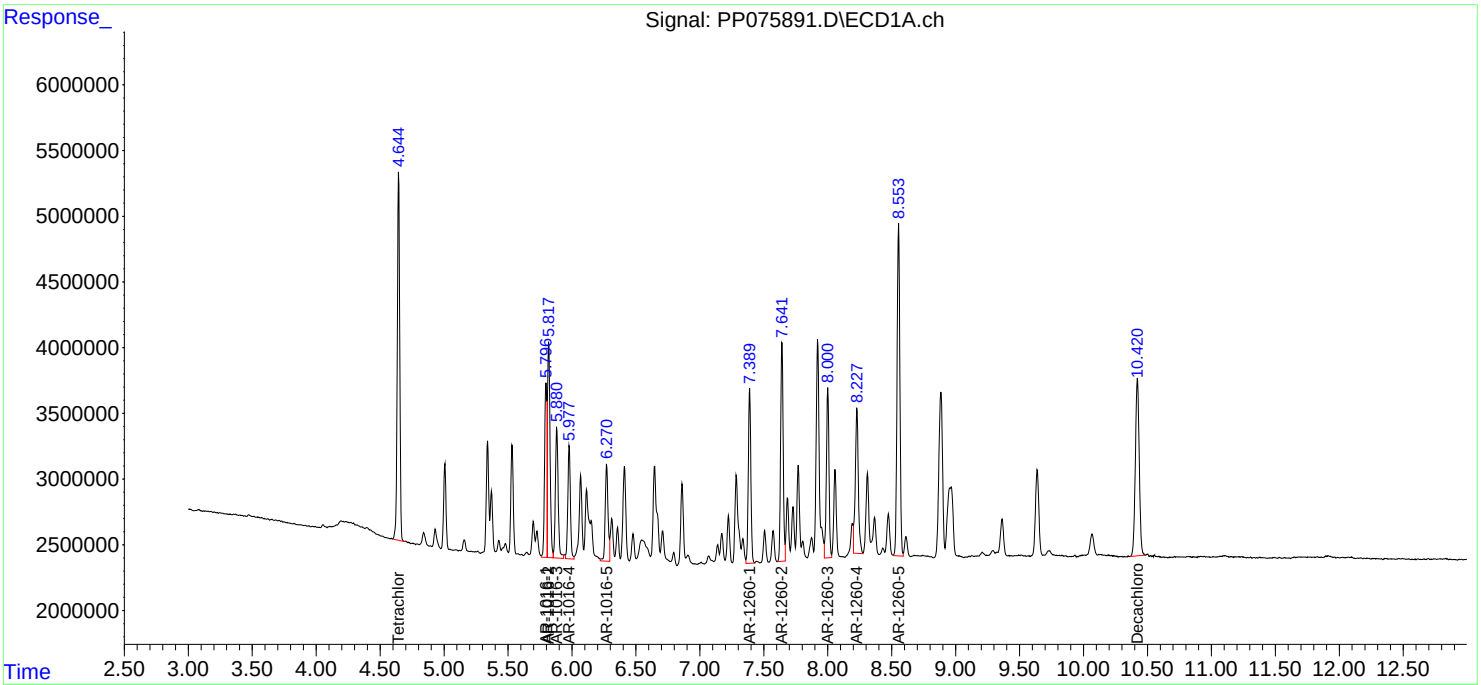
ICAL Form

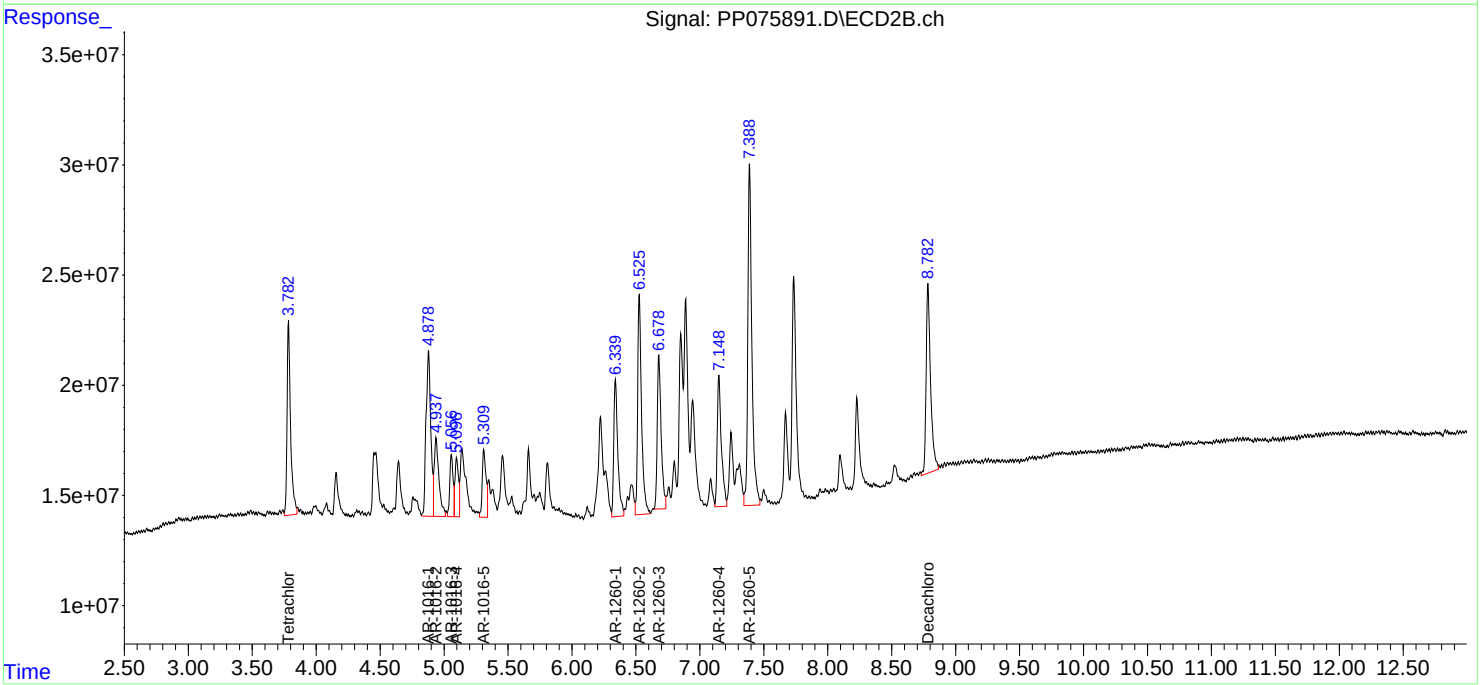
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

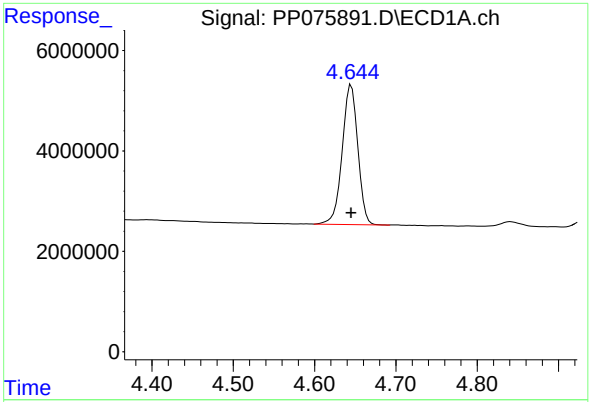
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:27:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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



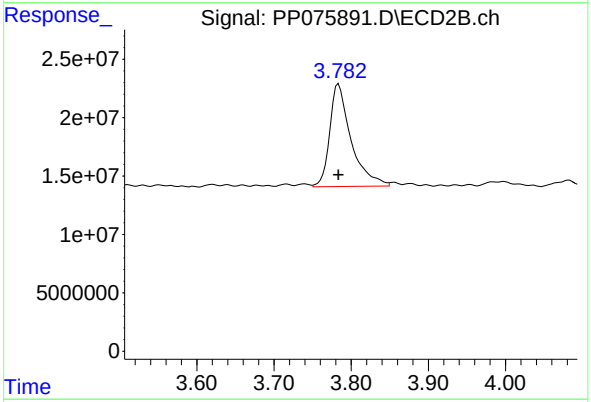






#1 Tetrachloro-m-xylene

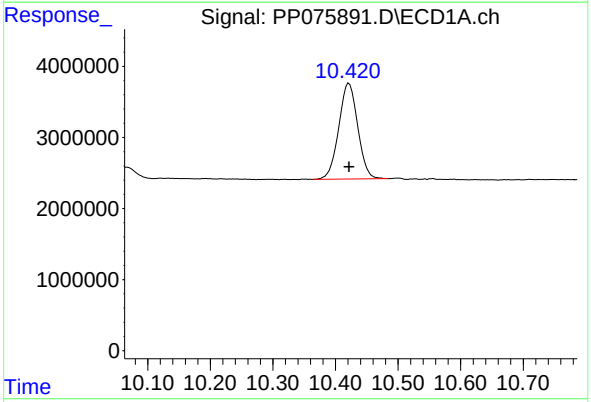
R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 37075524
Conc: 25.58 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC250



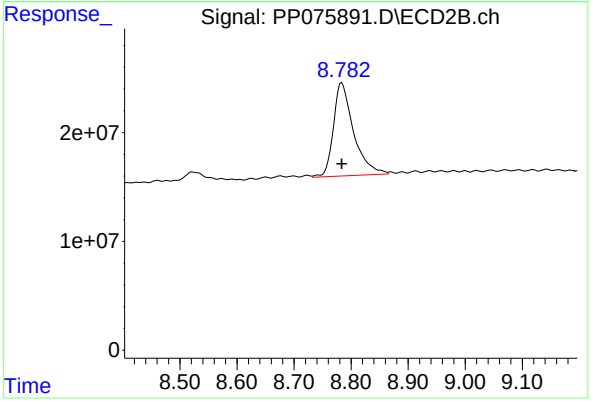

#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 168955871
Conc: 24.78 ng/ml



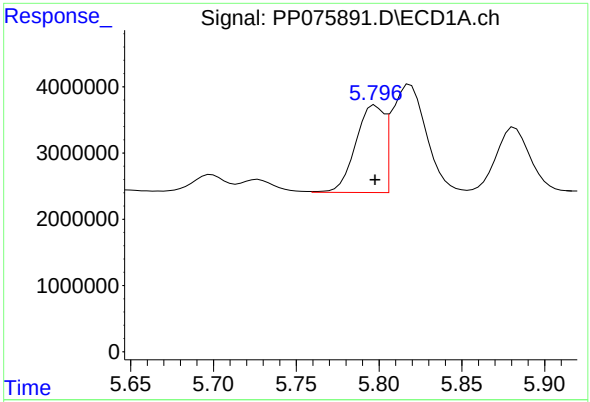

#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 28447228
Conc: 26.18 ng/ml




#2 Decachlorobiphenyl

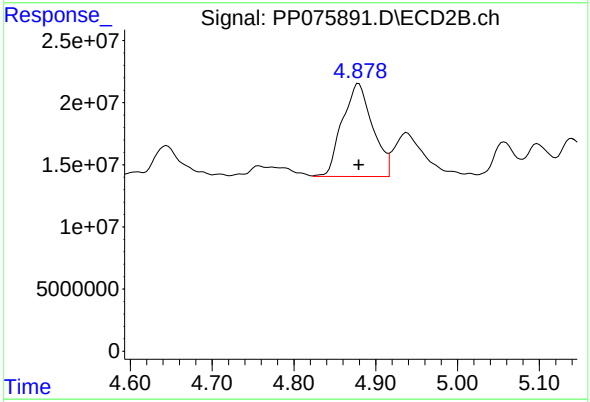
R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 209392295
Conc: 25.22 ng/ml




#3 AR-1016-1

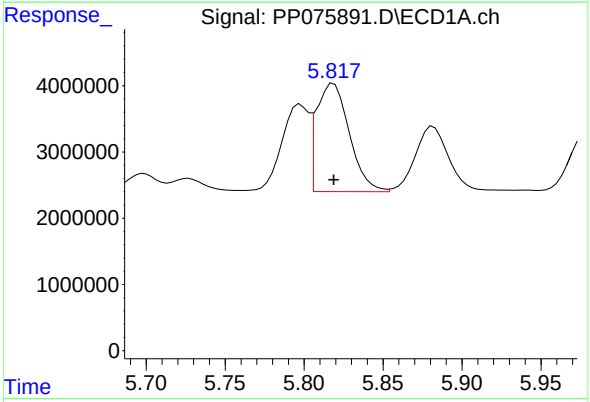
R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 15764214
Conc: 268.30 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC250



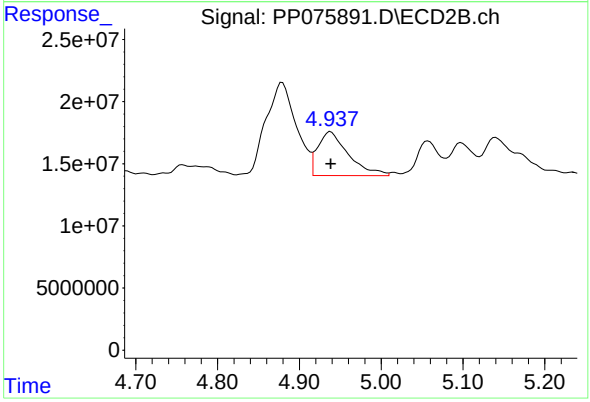

#3 AR-1016-1

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 192203729
Conc: 257.76 ng/ml



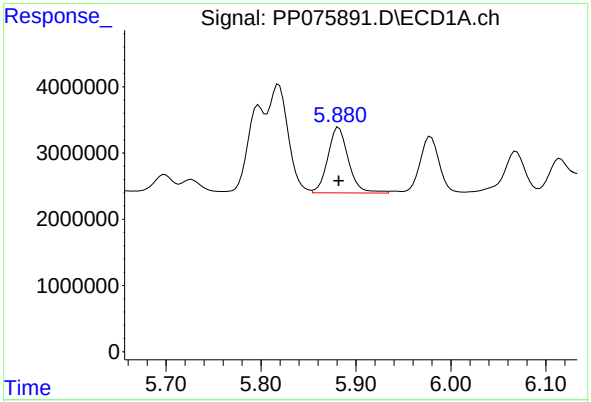

#4 AR-1016-2

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 23732820
Conc: 268.20 ng/ml




#4 AR-1016-2

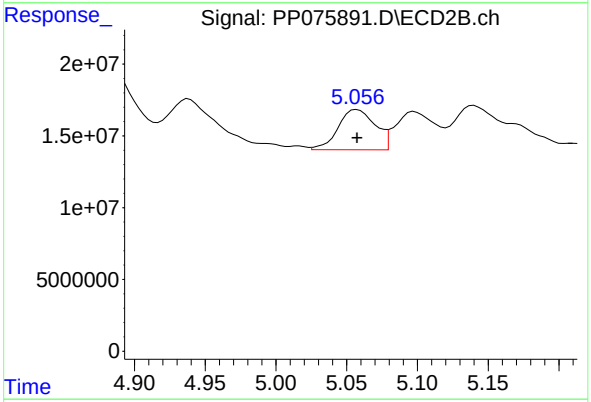
R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 92000931
Conc: 258.43 ng/ml




#5 AR-1016-3

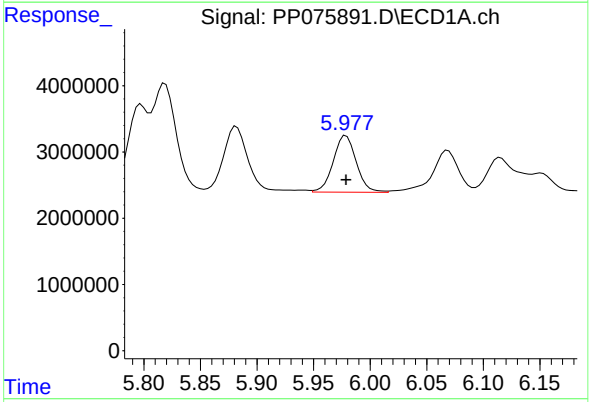
R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 14886118
Conc: 270.87 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC250



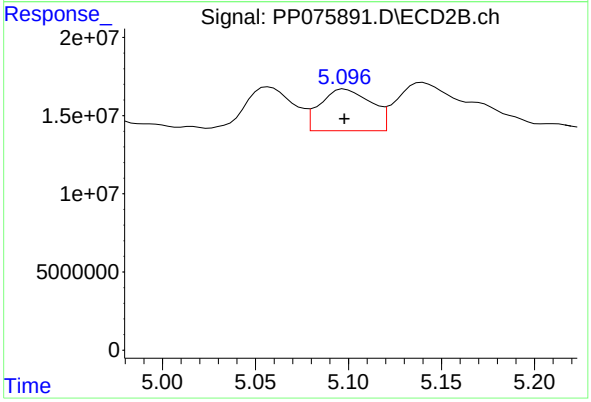

#5 AR-1016-3

R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 51110889
Conc: 258.89 ng/ml



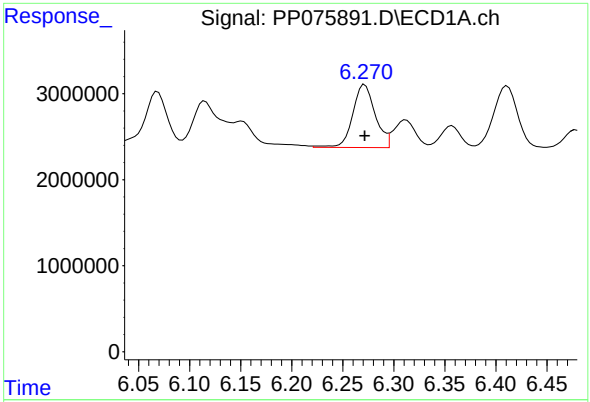

#6 AR-1016-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 12136196
Conc: 266.79 ng/ml




#6 AR-1016-4

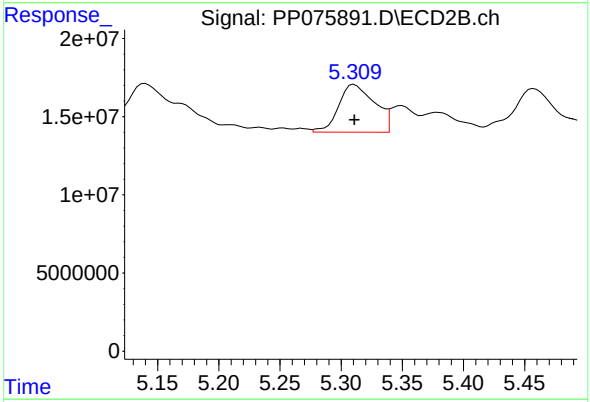
R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 50910953
Conc: 261.82 ng/ml




#7 AR-1016-5

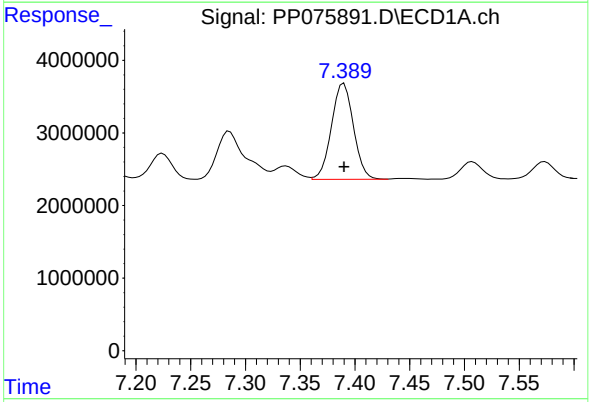
R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 11195531
Conc: 265.95 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC250



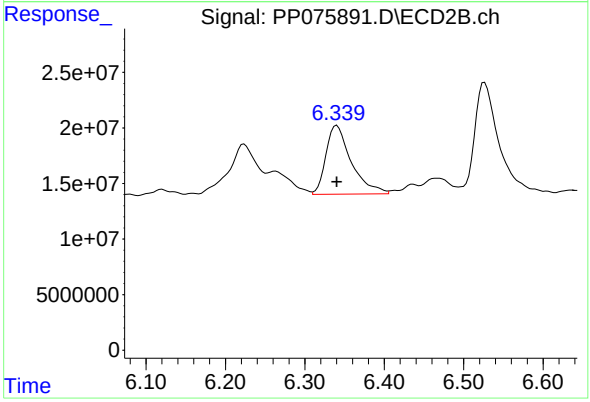

#7 AR-1016-5

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 62484223
Conc: 278.80 ng/ml



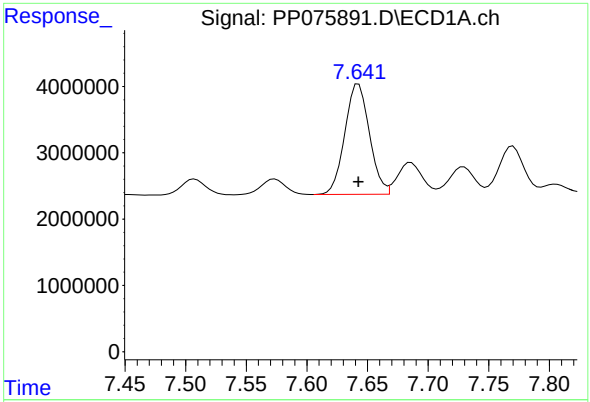

#31 AR-1260-1

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 18525045
Conc: 267.30 ng/ml




#31 AR-1260-1

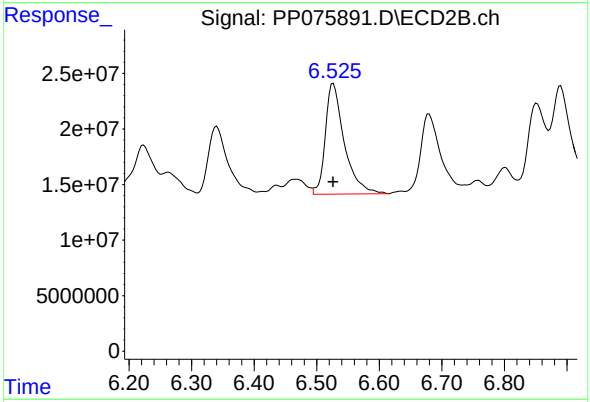
R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 137508629
Conc: 253.73 ng/ml




#32 AR-1260-2

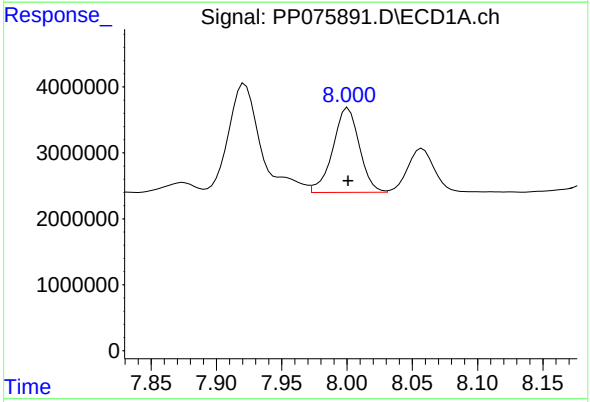
R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 23496784
Conc: 269.64 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC250



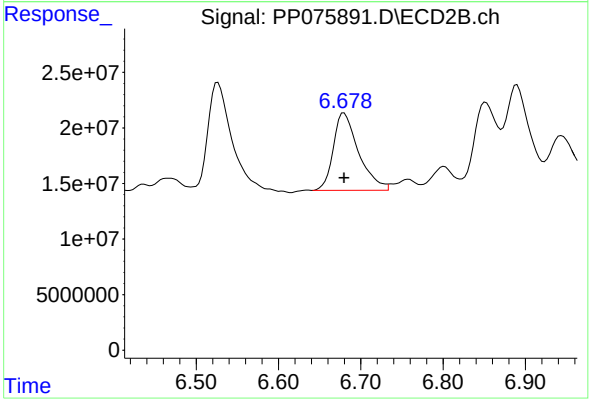

#32 AR-1260-2

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 210292498
Conc: 251.75 ng/ml



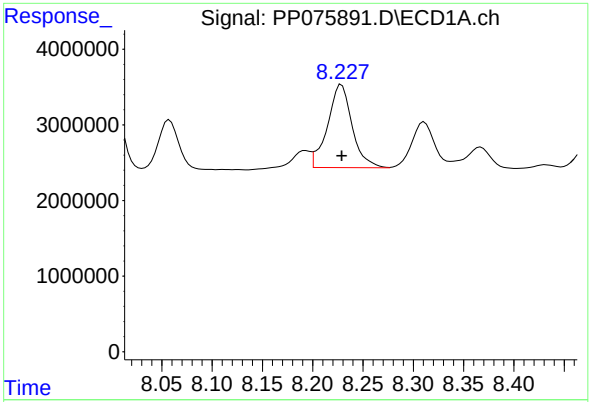

#33 AR-1260-3

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 18178927
Conc: 265.16 ng/ml




#33 AR-1260-3

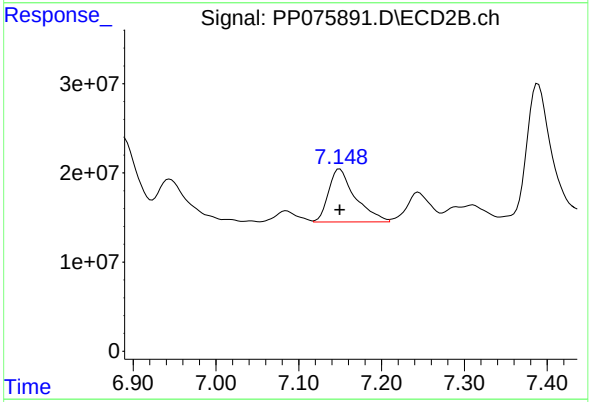
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 148916878
Conc: 252.21 ng/ml




#34 AR-1260-4

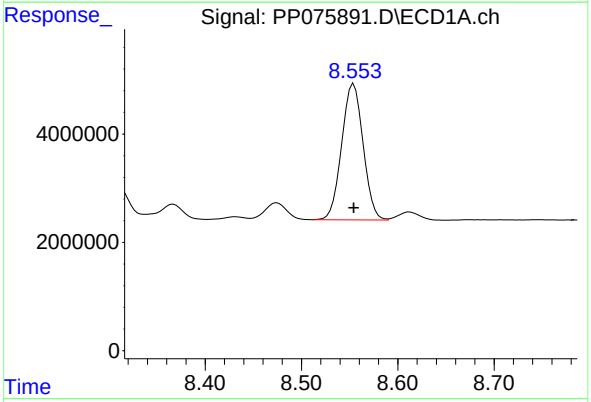
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 18638279
Conc: 263.20 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC250



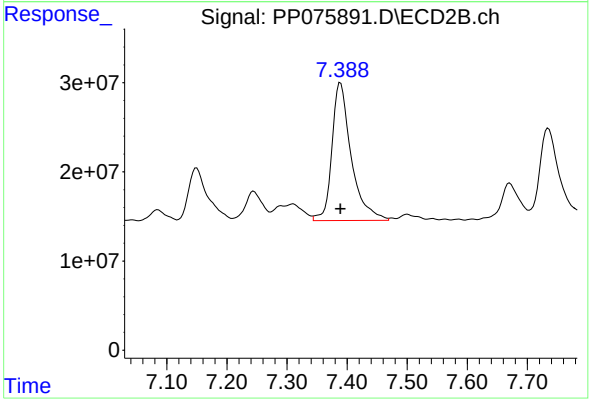

#34 AR-1260-4

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 133338171
Conc: 241.40 ng/ml




#35 AR-1260-5

R.T.: 8.554 min
Delta R.T.: 0.000 min
Response: 38759842
Conc: 261.40 ng/ml




#35 AR-1260-5

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 344869131
Conc: 239.23 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:11
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:33:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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... | 4.645 | 3.781 | 6742686 | 29112438 | 4.718 | 4.278m |
| 2) | SA Decachlor... | 10.422 | 8.783 | 5182617 | 39519966 | 4.814 | 4.806 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.798 | 4.880 | 3030132 | 35907453 | 51.249 | 48.512 |
| 4) | L1 AR-1016-2 | 5.819 | 4.943 | 4413506 | 14284050 | 49.902 | 41.774 |
| 5) | L1 AR-1016-3 | 5.880 | 5.052 | 2846330 | 11850858 | 50.609m | 58.316m |
| 6) | L1 AR-1016-4 | 5.978 | 5.094 | 2262026 | 7830620 | 48.653m | 41.996m |
| 7) | L1 AR-1016-5 | 6.272 | 5.308 | 2432108 | 12171962 | 56.032 | 53.433m |
| 31) | L7 AR-1260-1 | 7.390 | 6.339 | 3328272 | 28532945 | 48.407 | 52.096 |
| 32) | L7 AR-1260-2 | 7.643 | 6.528 | 4966284 | 36370402 | 55.441 | 44.696 |
| 33) | L7 AR-1260-3 | 8.001 | 6.681 | 3609827 | 22597431 | 52.100 | 40.155 |
| 34) | L7 AR-1260-4 | 8.229 | 7.150 | 2980037 | 19361634 | 43.459 | 37.282 |
| 35) | L7 AR-1260-5 | 8.555 | 7.388 | 7332547 | 50574953 | 49.560 | 37.309 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:11
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

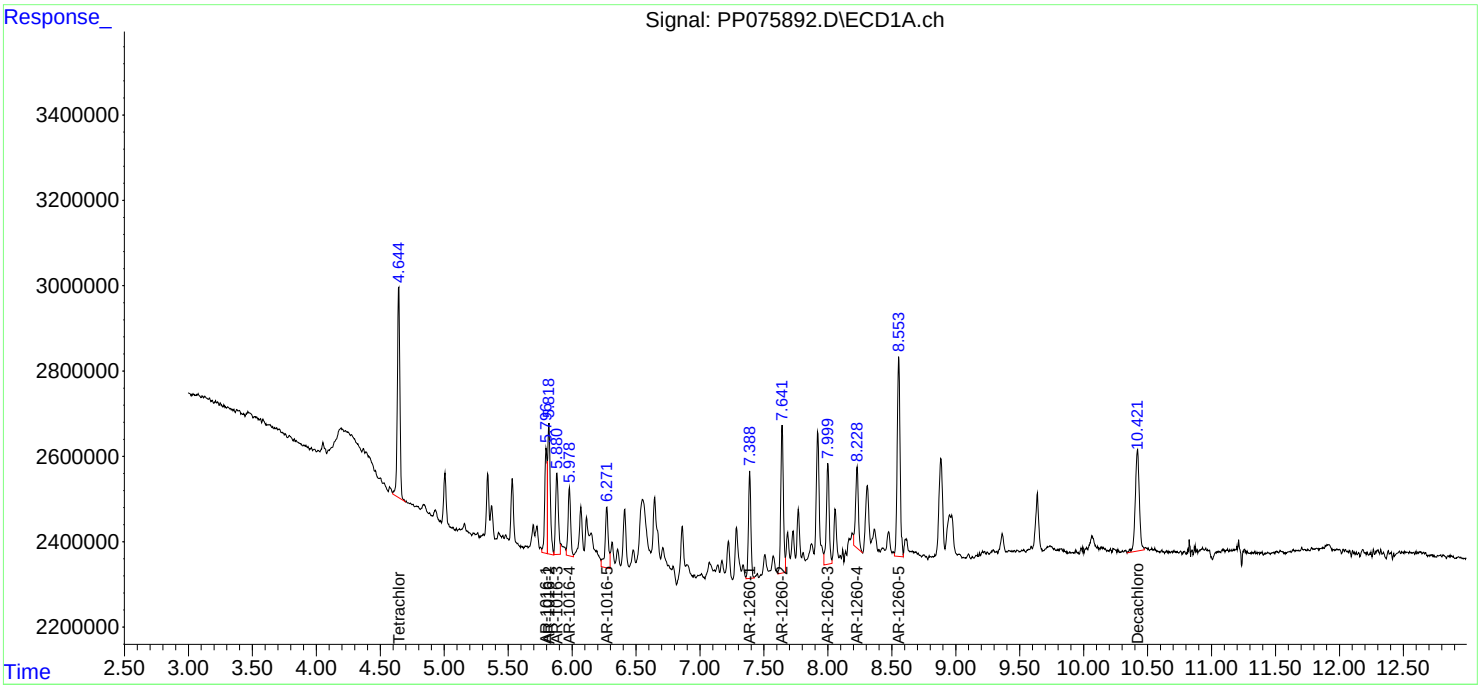
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC050

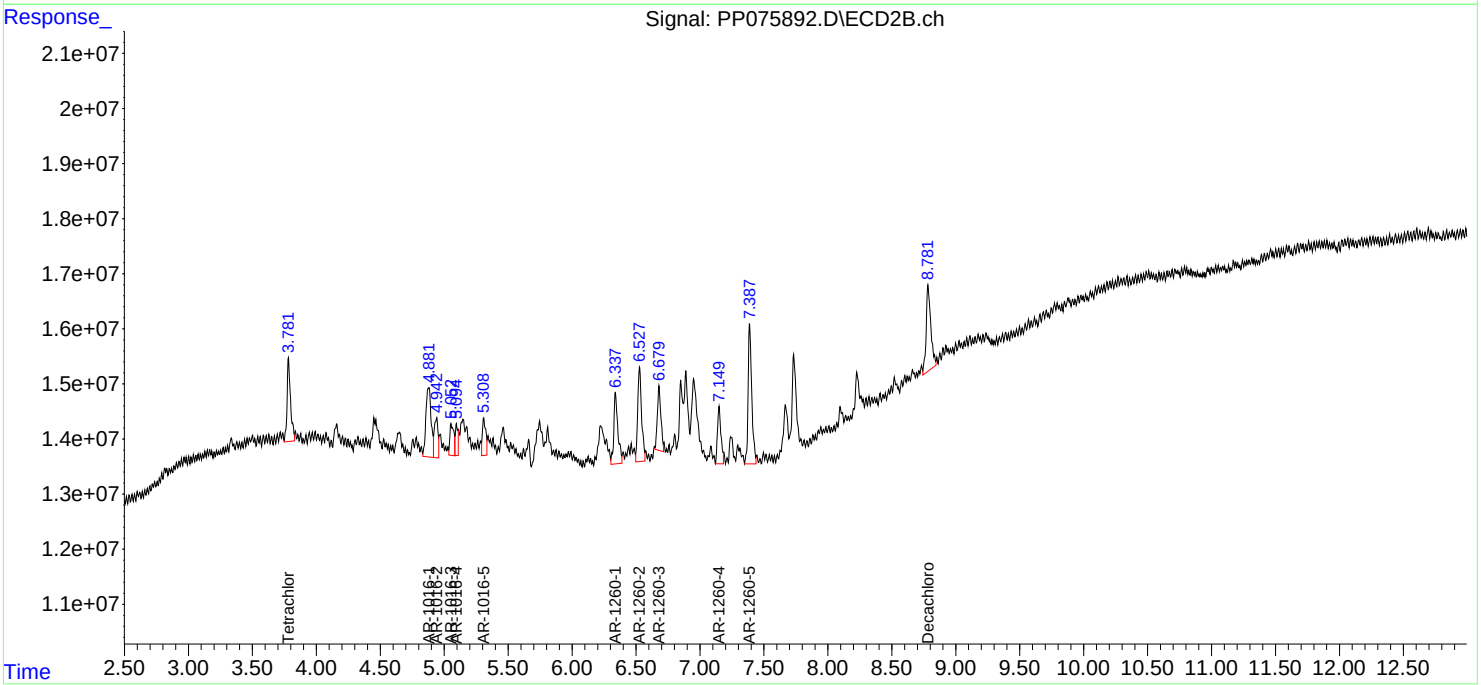
**Manual Integrations APPROVED**

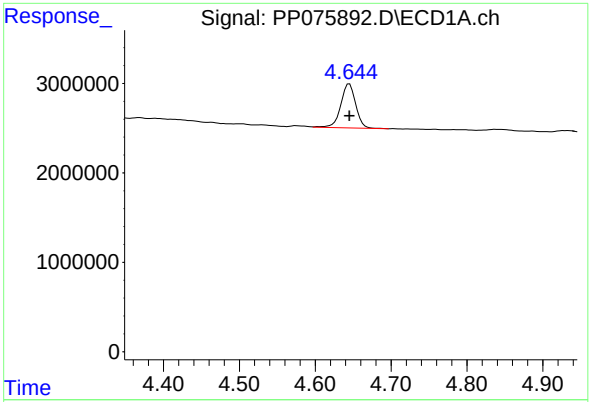
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:33:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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





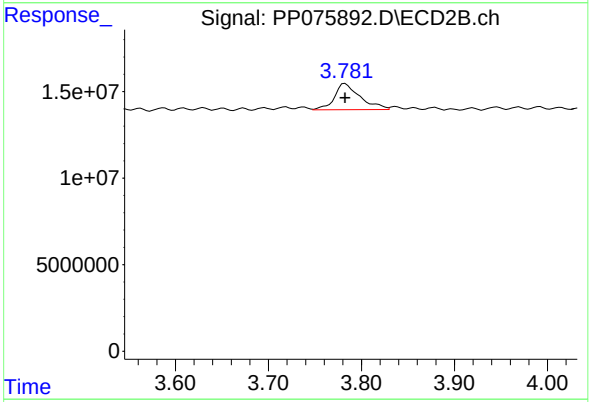

#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 6742686
Conc: 4.72 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC050

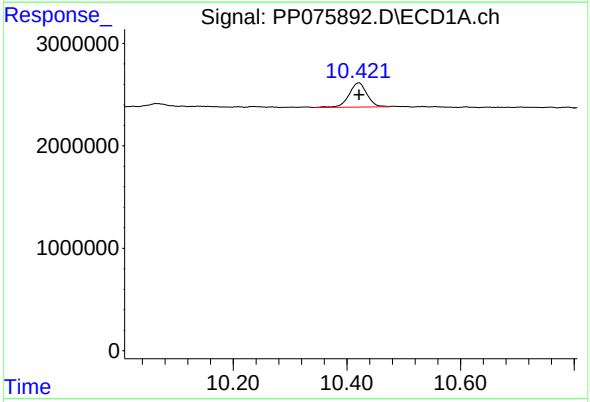
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



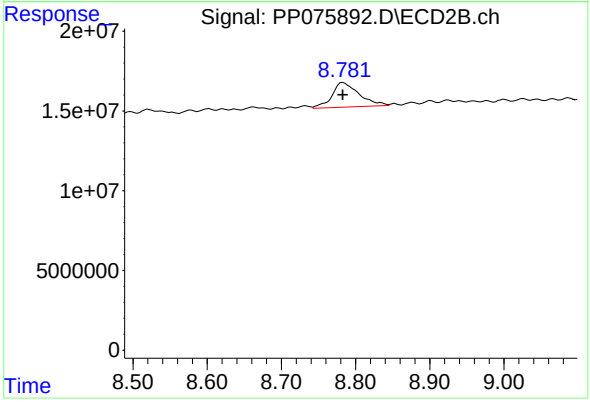

#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: -0.002 min
Response: 29112438
Conc: 4.28 ng/ml m



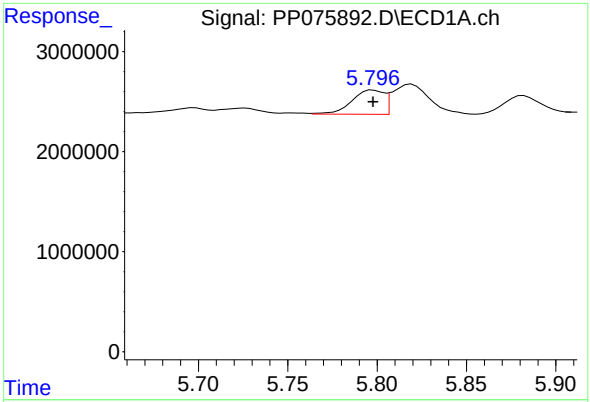

#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 5182617
Conc: 4.81 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 39519966
Conc: 4.81 ng/ml



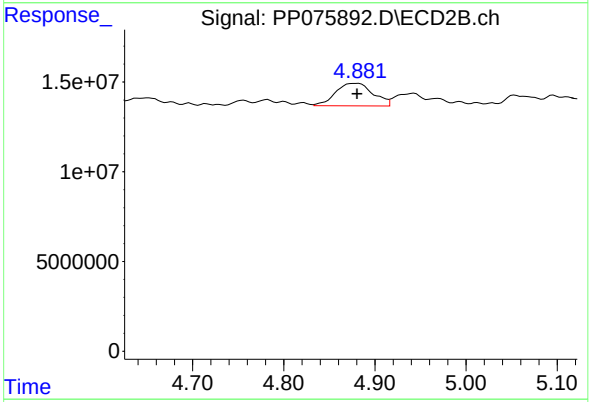

#3 AR-1016-1

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 3030132
Conc: 51.25 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC050

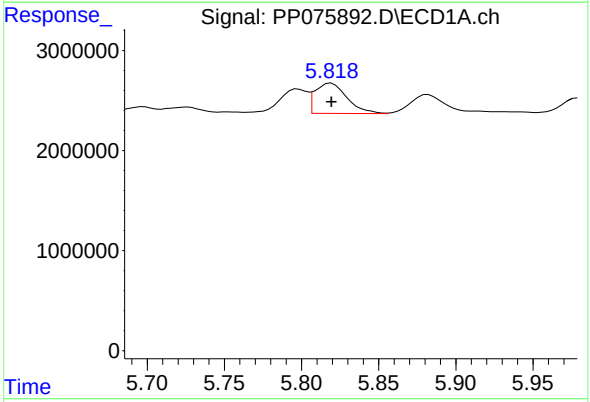
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



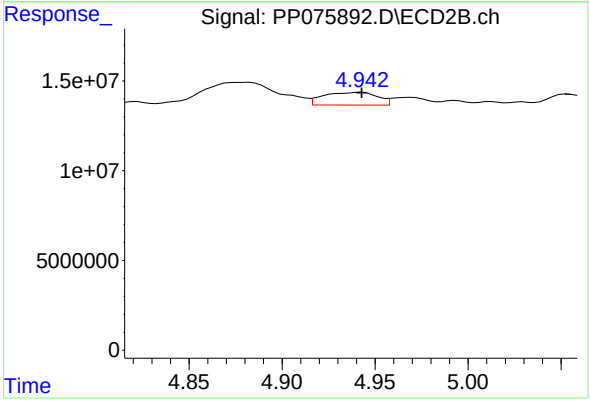

#3 AR-1016-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 35907453
Conc: 48.51 ng/ml



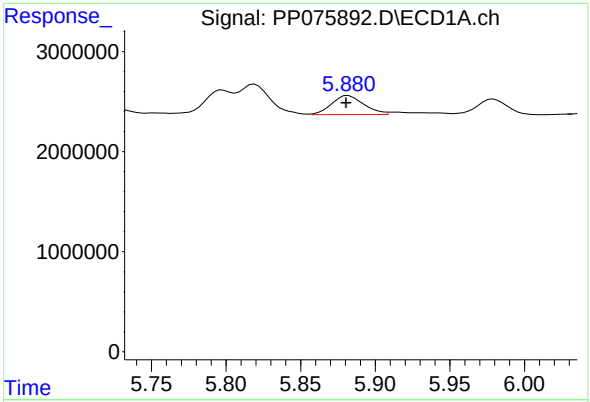

#4 AR-1016-2

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 4413506
Conc: 49.90 ng/ml




#4 AR-1016-2

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 14284050
Conc: 41.77 ng/ml



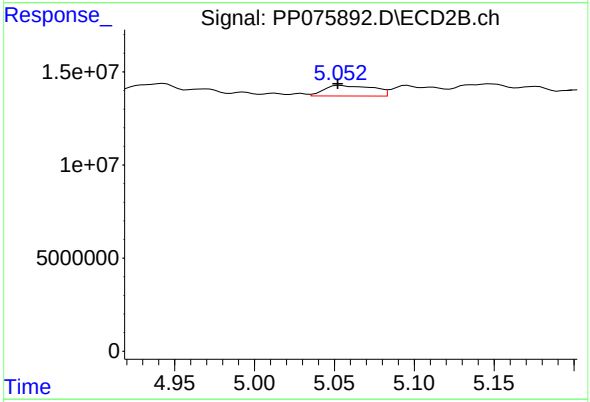

#5 AR-1016-3

R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 2846330
Conc: 50.61 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC050

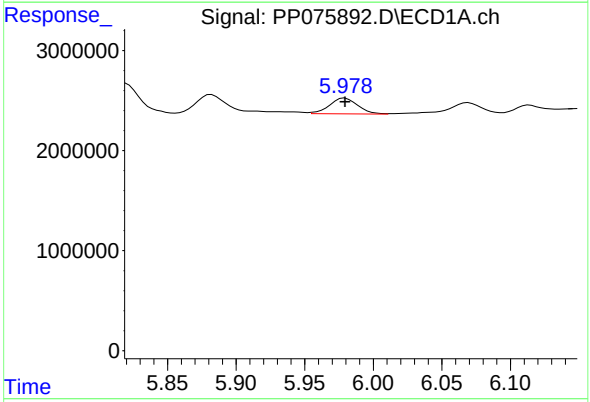
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



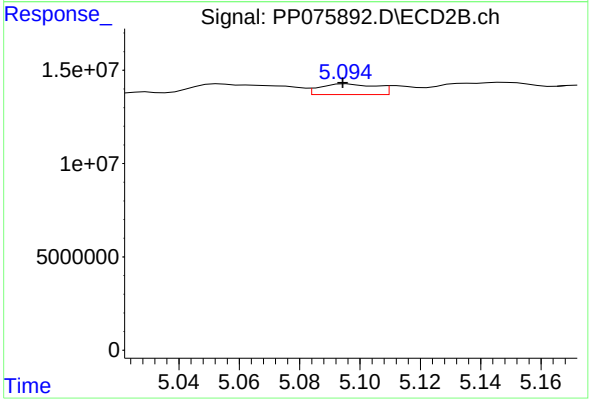

#5 AR-1016-3

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 11850858
Conc: 58.32 ng/ml m



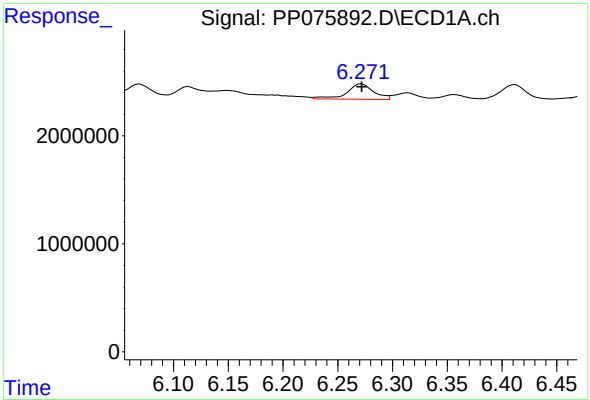

#6 AR-1016-4

R.T.: 5.978 min
Delta R.T.: -0.001 min
Response: 2262026
Conc: 48.65 ng/ml m




#6 AR-1016-4

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 7830620
Conc: 42.00 ng/ml m



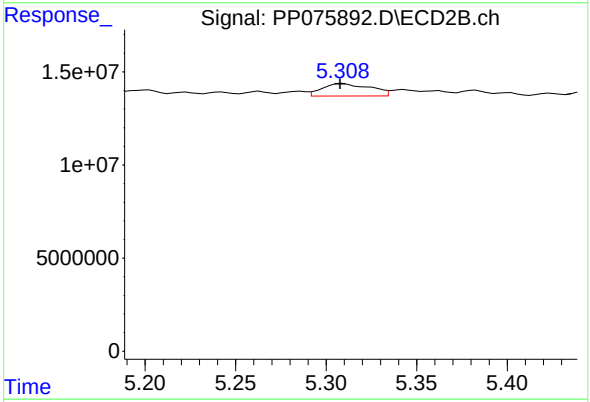

#7 AR-1016-5

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 2432108
Conc: 56.03 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC050

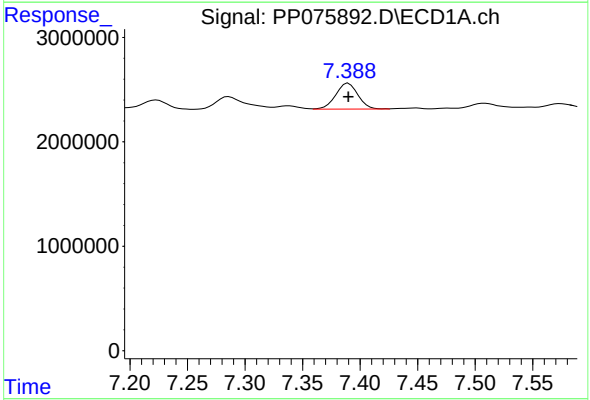
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



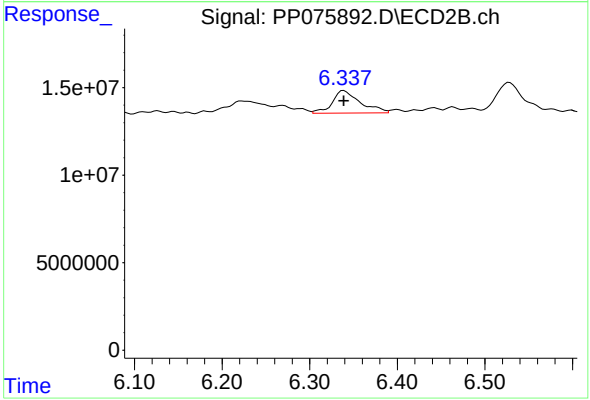

#7 AR-1016-5

R.T.: 5.308 min
Delta R.T.: 0.000 min
Response: 12171962
Conc: 53.43 ng/ml m



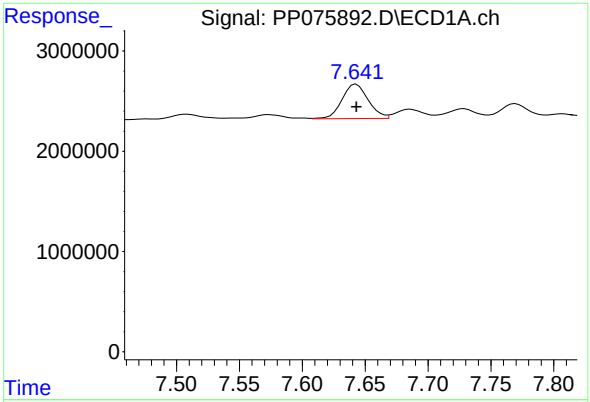

#31 AR-1260-1

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 3328272
Conc: 48.41 ng/ml




#31 AR-1260-1

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 28532945
Conc: 52.10 ng/ml



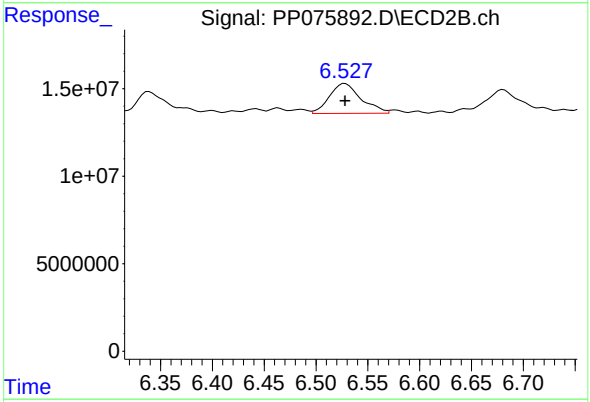

#32 AR-1260-2

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 4966284
Conc: 55.44 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC050

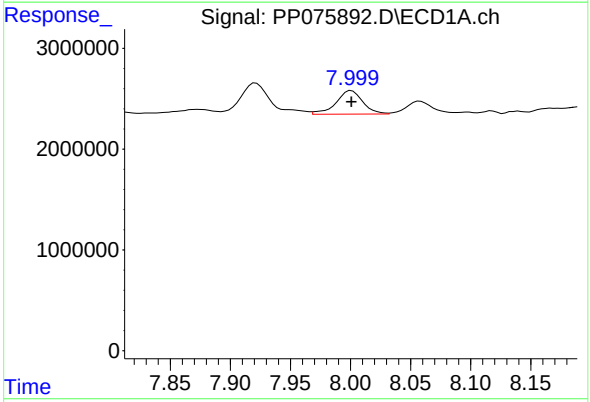
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



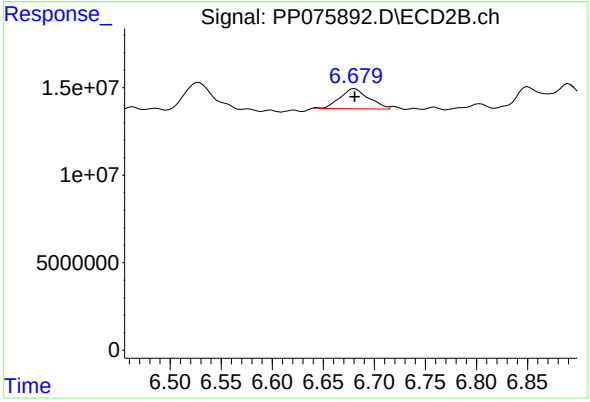

#32 AR-1260-2

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 36370402
Conc: 44.70 ng/ml



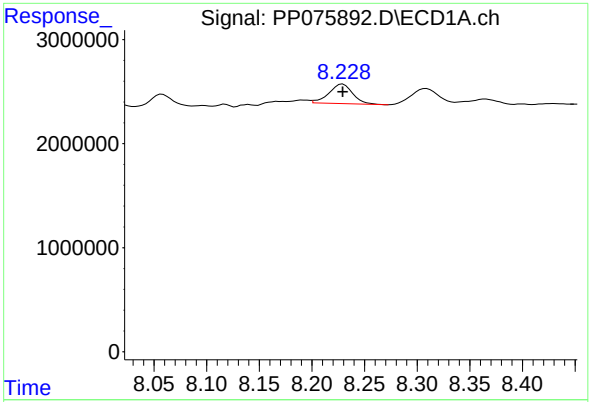

#33 AR-1260-3

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 3609827
Conc: 52.10 ng/ml




#33 AR-1260-3

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 22597431
Conc: 40.15 ng/ml



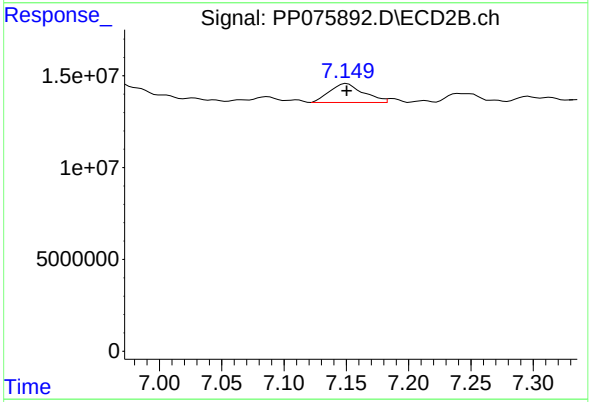

#34 AR-1260-4

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 2980037
Conc: 43.46 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC050

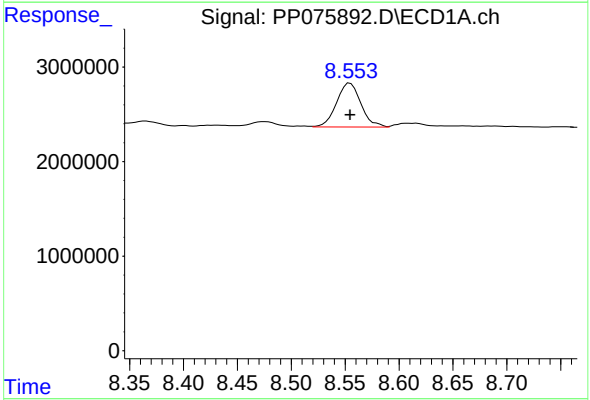
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



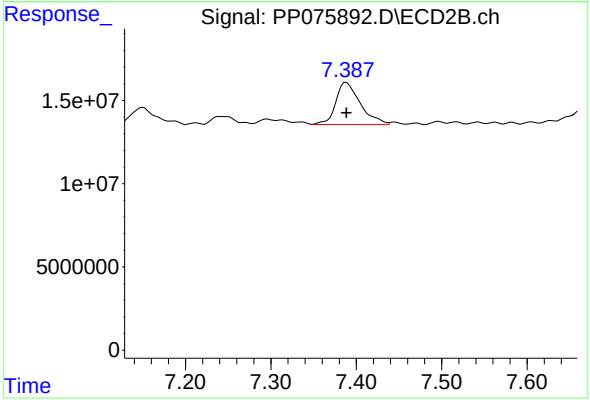

#34 AR-1260-4

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 19361634
Conc: 37.28 ng/ml




#35 AR-1260-5

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 7332547
Conc: 49.56 ng/ml




#35 AR-1260-5

R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 50574953
Conc: 37.31 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:27
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:37:41 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... | 4.643 | 3.782 | 75268417 | 347.9E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.419 | 8.781 | 55765598 | 413.6E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 8) | L2 AR-1221-1 | 4.843 | 3.993 | 10088314 | 45004530 | 500.000 | 500.000 |
| 9) | L2 AR-1221-2 | 4.929 | 4.076 | 7530715 | 31588869 | 500.000 | 500.000 |
| 10) | L2 AR-1221-3 | 5.005 | 4.154 | 23457783 | 106.0E6 | 500.000 | 500.000 |

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

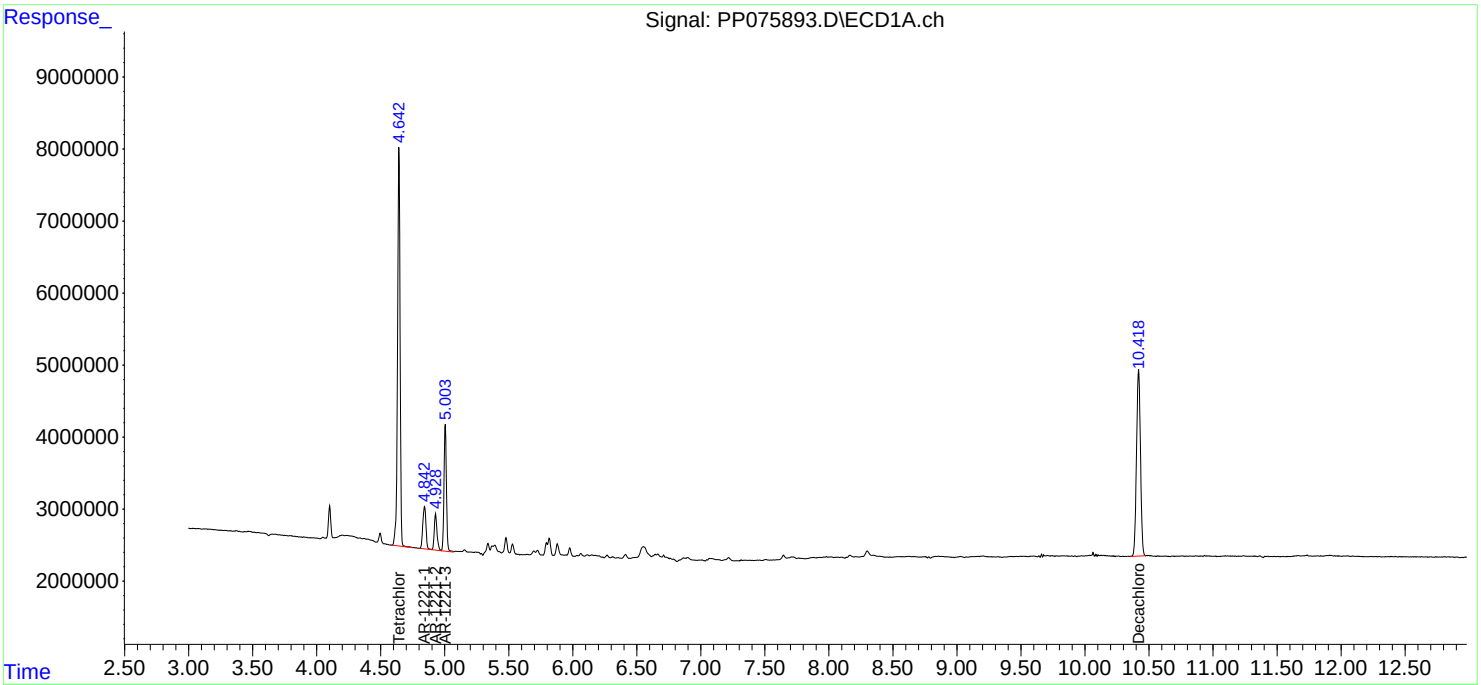
ICAL Form

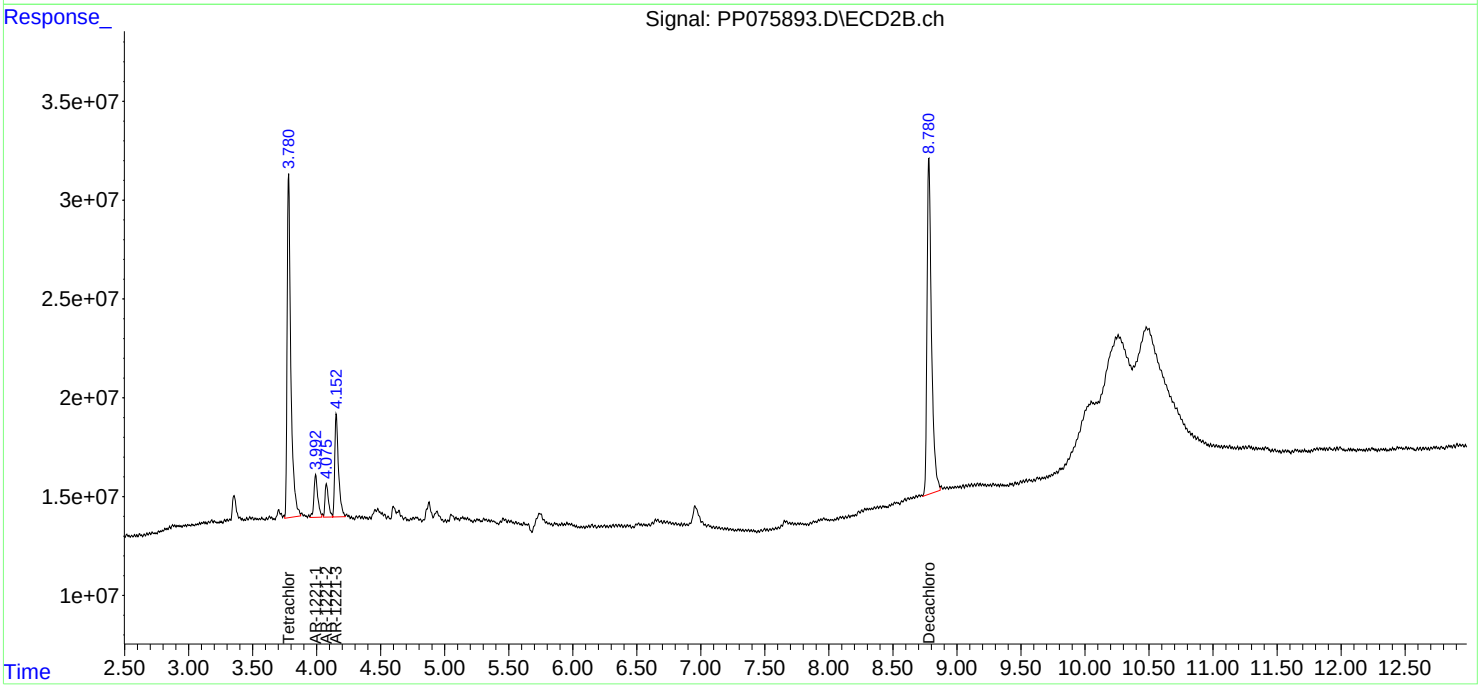
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:27
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

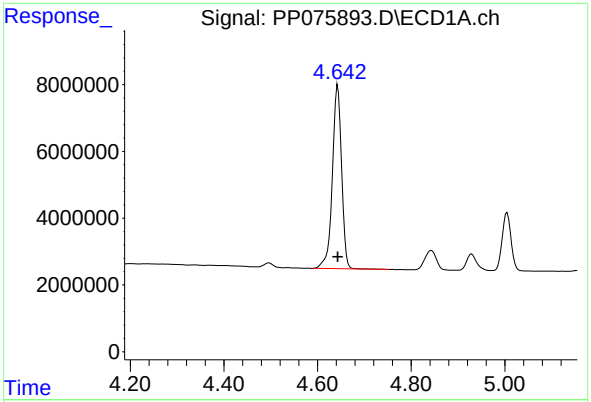
**Instrument :**
ECD_P
**ClientSampleId :**
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:37:41 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



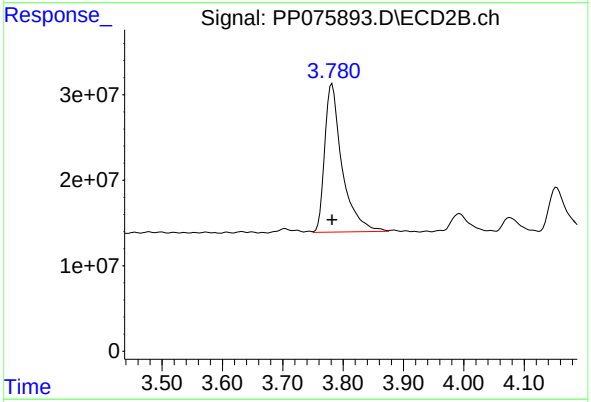






#1 Tetrachloro-m-xylene

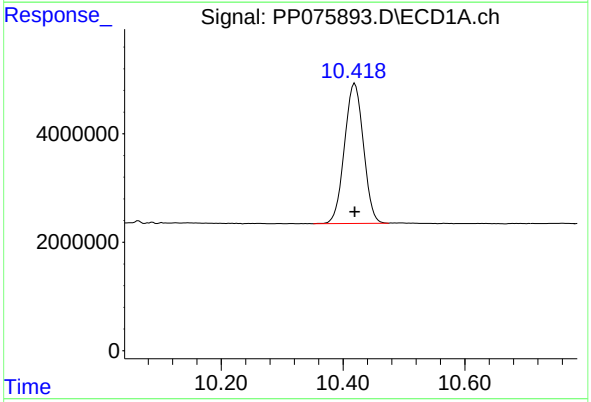
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 75268417
Conc: 50.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1221ICC500



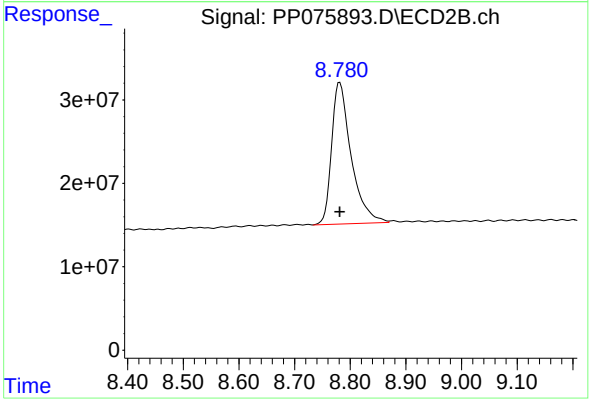

#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 347933010
Conc: 50.00 ng/ml



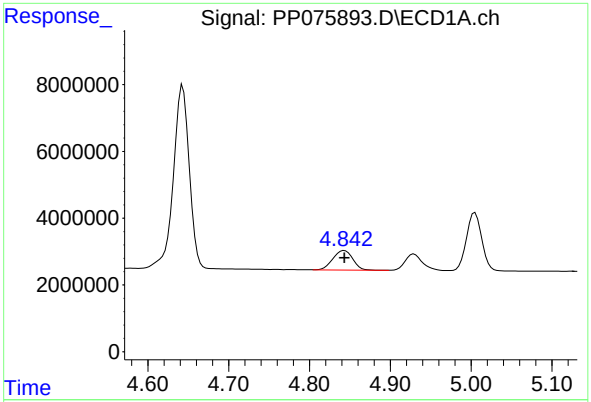

#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 55765598
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

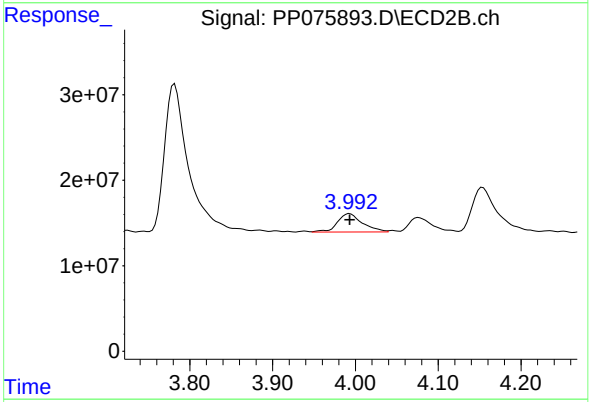
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 413624380
Conc: 50.00 ng/ml




#8 AR-1221-1

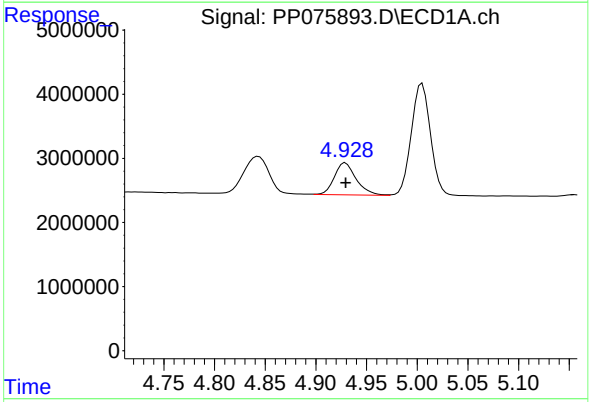
R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 10088314
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1221ICC500



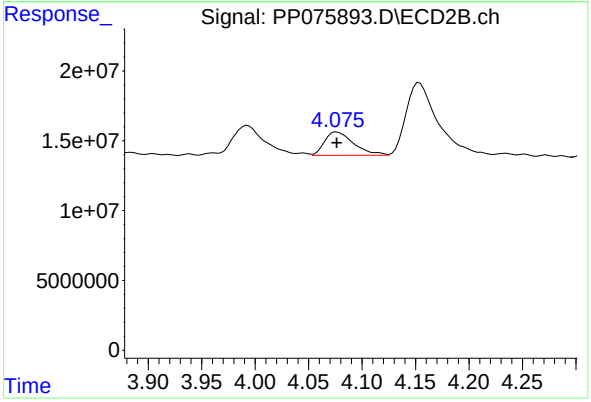

#8 AR-1221-1

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 45004530
Conc: 500.00 ng/ml



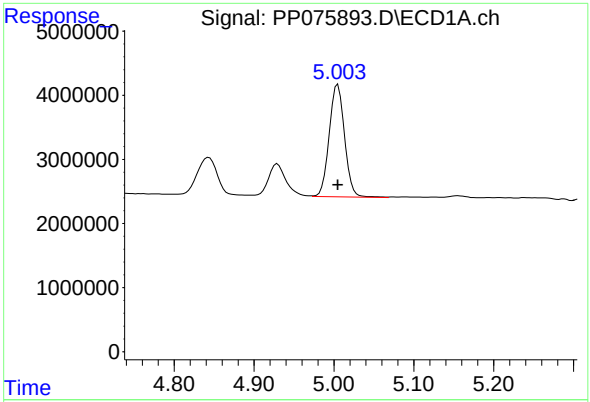

#9 AR-1221-2

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 7530715
Conc: 500.00 ng/ml




#9 AR-1221-2

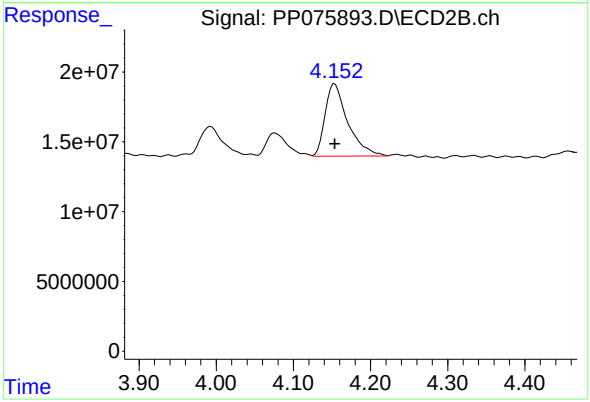
R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 31588869
Conc: 500.00 ng/ml




#10 AR-1221-3

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 23457783
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1221ICC500




#10 AR-1221-3

R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 106017943
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:43
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1232ICC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:45:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:45:19 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... | 4.644 | 3.783 | 76762692 | 367.2E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.418 | 8.783 | 57573853 | 421.9E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 11) | L3 AR-1232-1 | 5.006 | 4.154 | 19657396 | 84022049 | 500.000 | 500.000 |
| 12) | L3 AR-1232-2 | 5.532 | 4.877 | 10313847 | 148.8E6 | 500.000 | 500.000 |
| 13) | L3 AR-1232-3 | 5.818 | 5.056 | 19319843 | 40883369 | 500.000 | 500.000 |
| 14) | L3 AR-1232-4 | 5.978 | 5.136 | 10086255 | 42471740 | 500.000 | 480.688m |
| 15) | L3 AR-1232-5 | 6.068 | 5.311 | 7831441 | 50325540 | 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\PP102125\
Data File : PP075894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:43
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

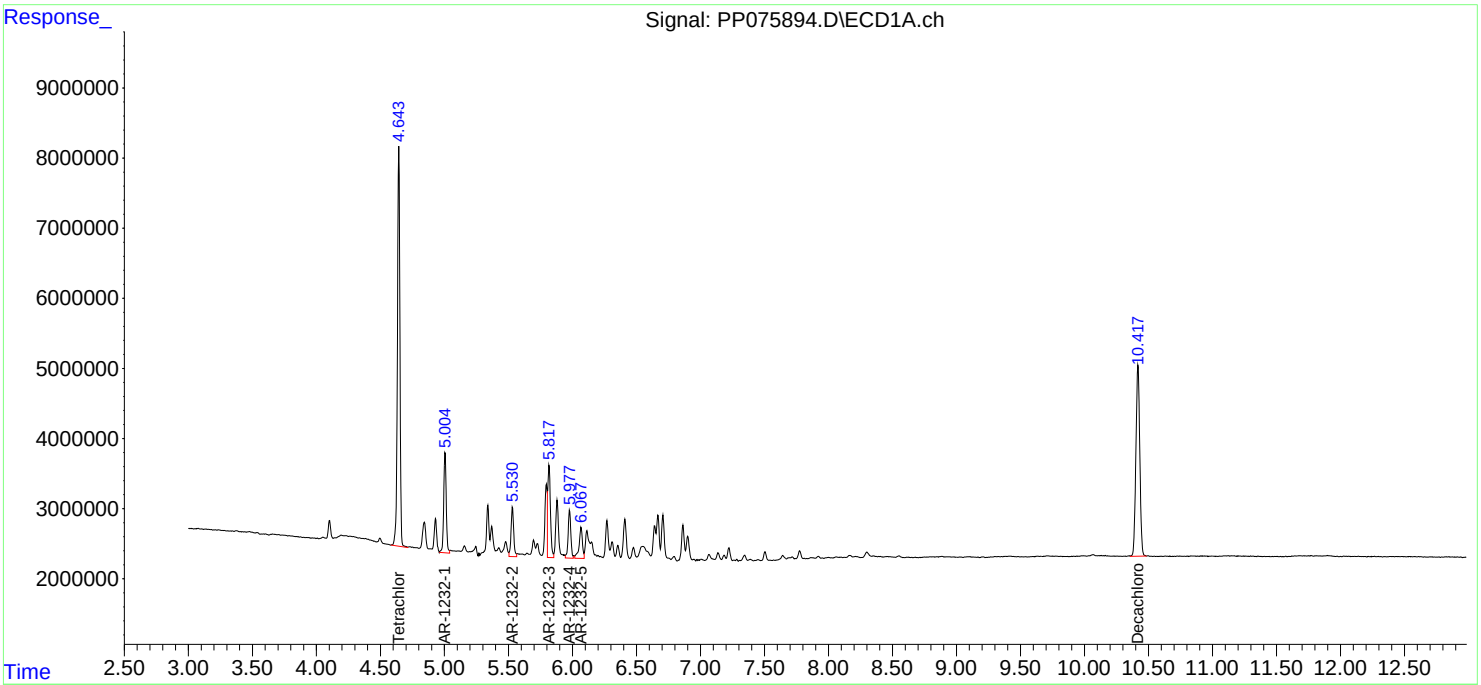
**Instrument :**
ECD_P
**ClientSampleId :**
AR1232ICC500

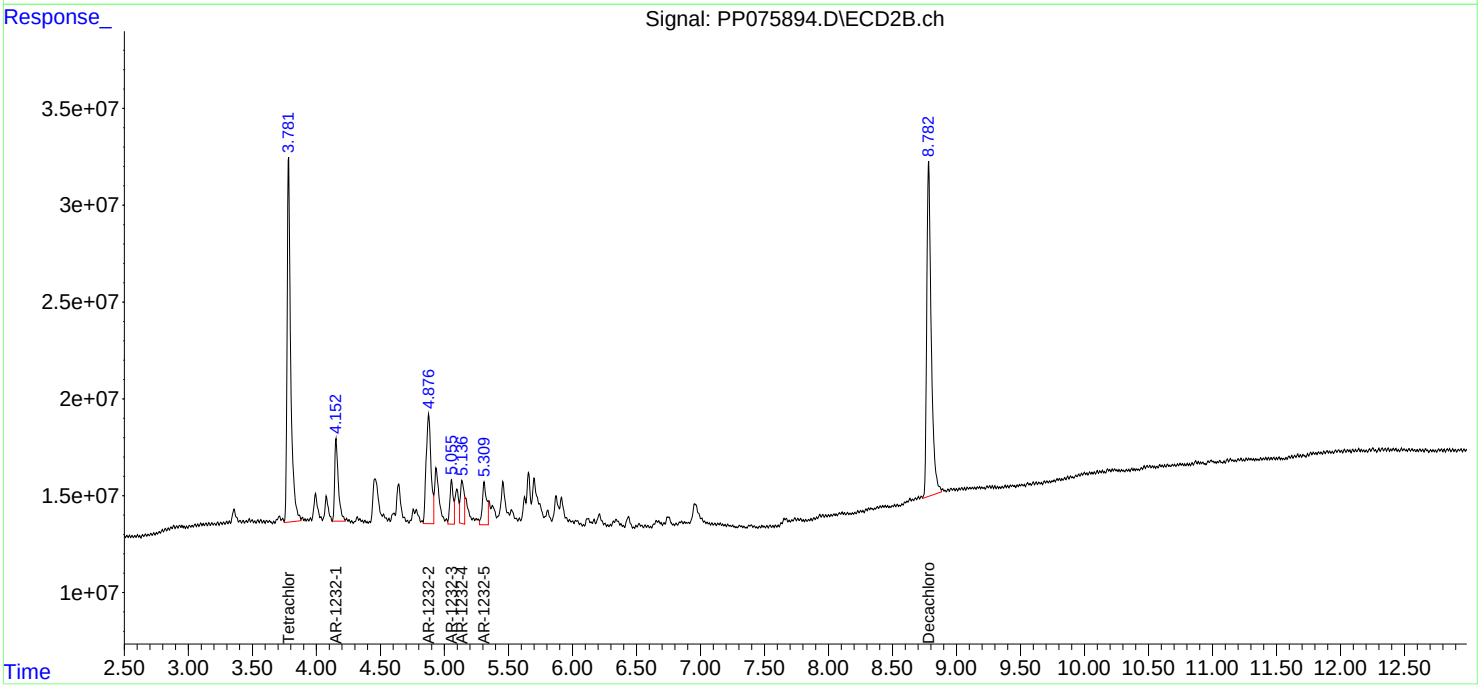
**Manual Integrations APPROVED**

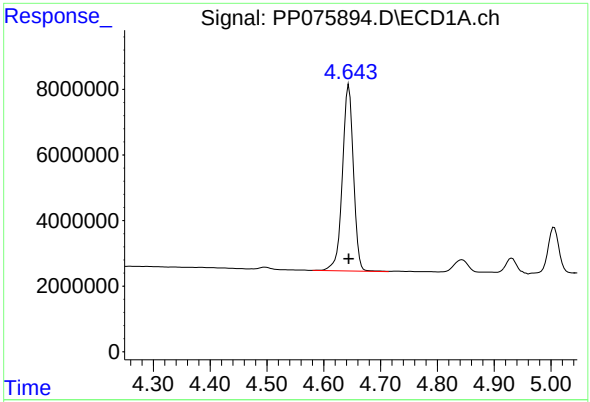
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:45:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:45:19 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





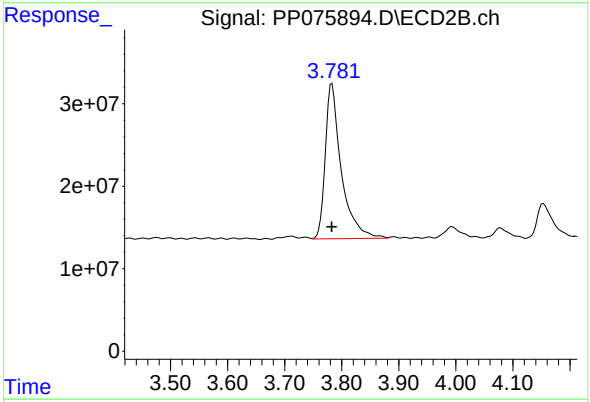

#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 76762692
Conc: 50.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1232ICC500

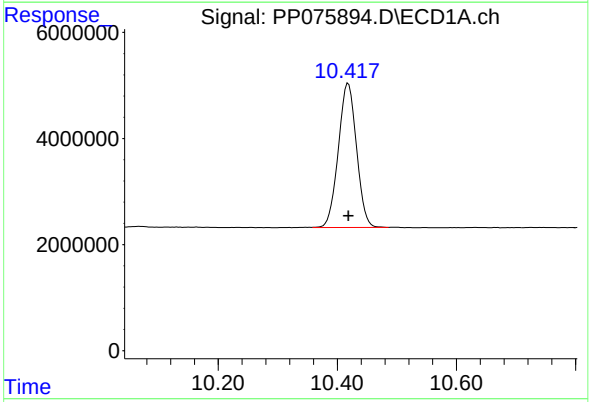
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



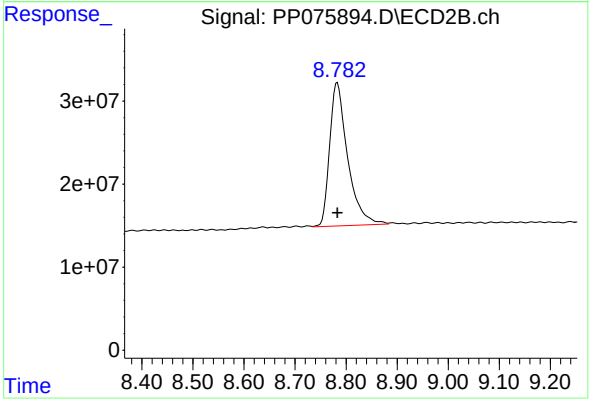

#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 367179620
Conc: 50.00 ng/ml



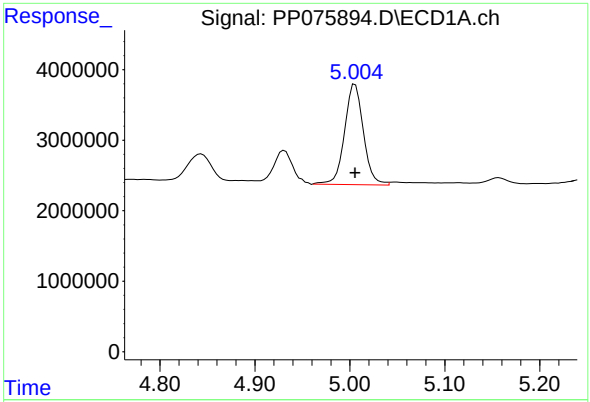

#2 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: 0.000 min
Response: 57573853
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 421908476
Conc: 50.00 ng/ml



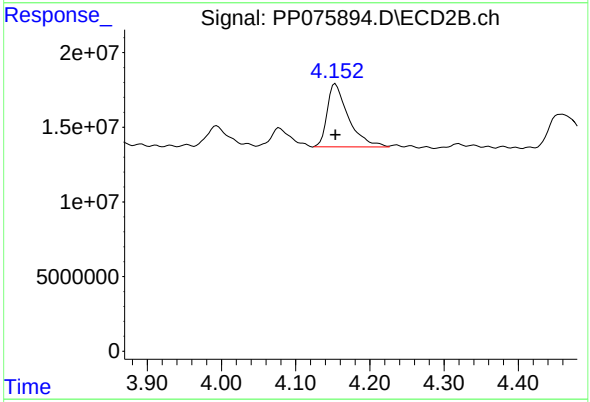

#11 AR-1232-1

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 19657396
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1232ICC500

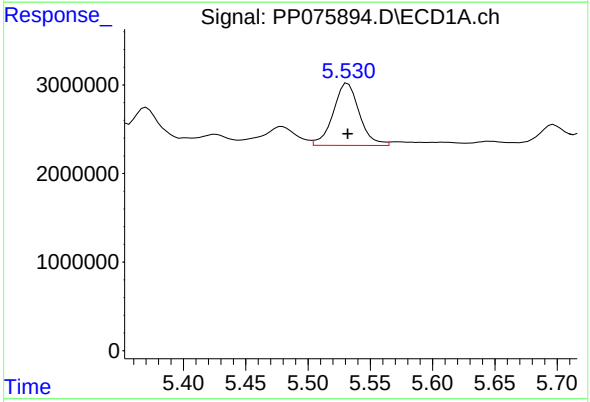
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



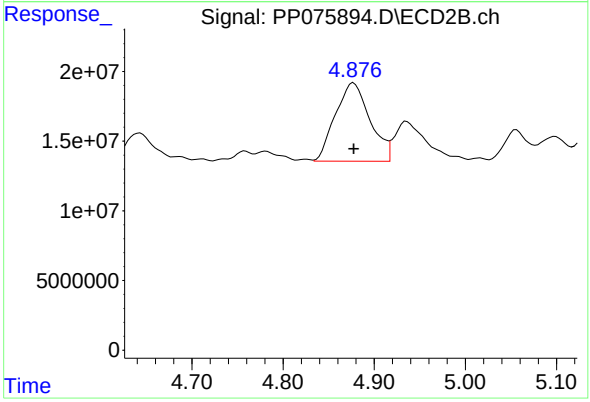

#11 AR-1232-1

R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 84022049
Conc: 500.00 ng/ml



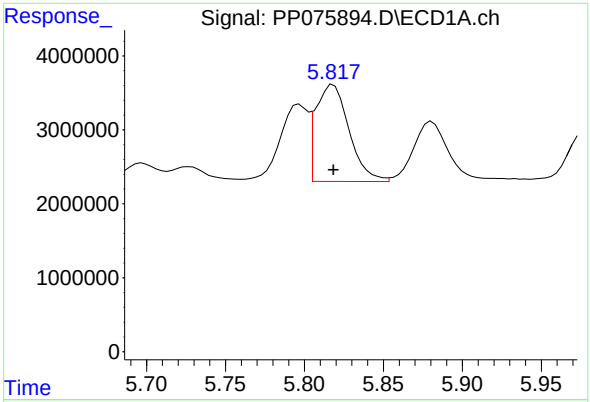

#12 AR-1232-2

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 10313847
Conc: 500.00 ng/ml




#12 AR-1232-2

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 148757988
Conc: 500.00 ng/ml



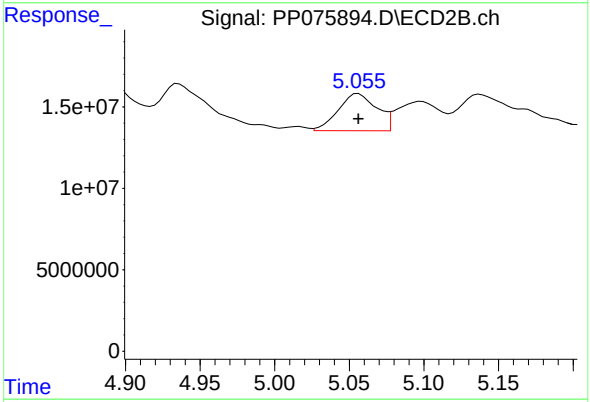

#13 AR-1232-3

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 19319843
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1232ICC500

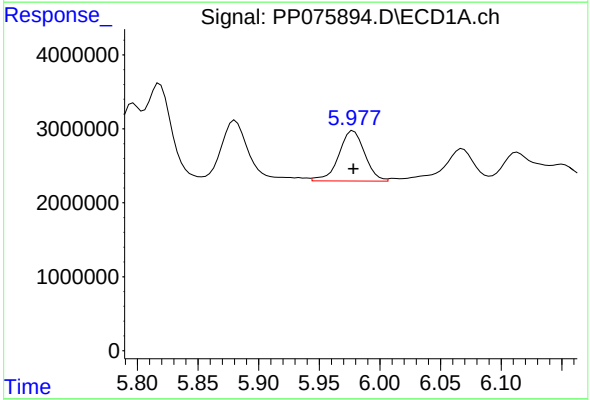
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



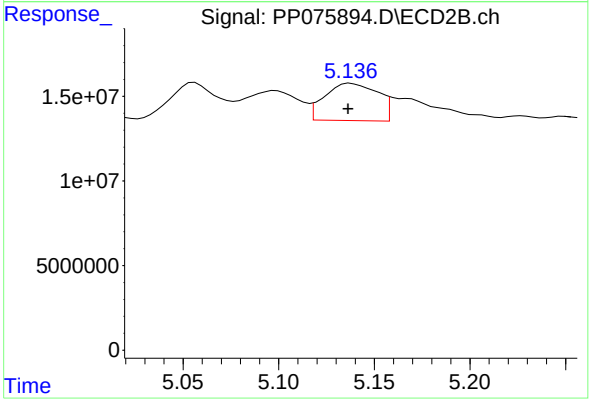

#13 AR-1232-3

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 40883369
Conc: 500.00 ng/ml



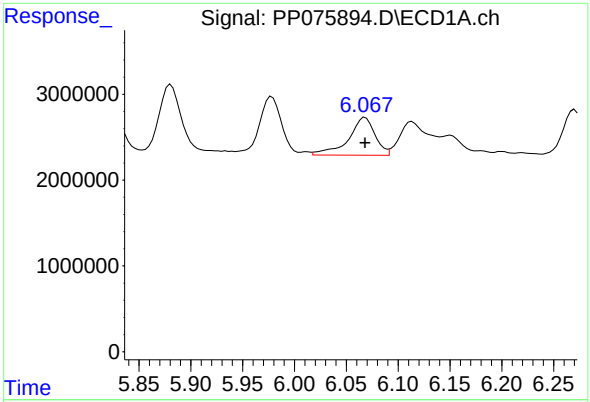

#14 AR-1232-4

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 10086255
Conc: 500.00 ng/ml




#14 AR-1232-4

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 42471740
Conc: 480.69 ng/ml m



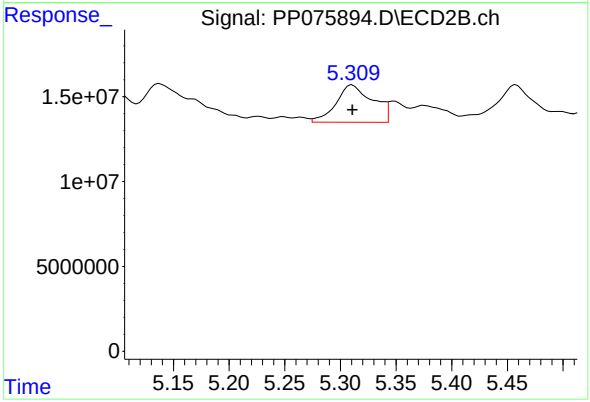

#15 AR-1232-5

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 7831441
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1232ICC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#15 AR-1232-5

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 50325540
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:59
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC1000

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:57:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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... | 4.646 | 3.784 | 146.7E6 | 755.6E6 | 97.370 | 101.273 |
| 2) | SA Decachlor... | 10.422 | 8.784 | 113.6E6 | 890.5E6 | 95.988 | 98.950 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.799 | 4.880 | 44019933 | 571.1E6 | 960.145 | 977.263 |
| 17) | L4 AR-1242-2 | 5.820 | 4.938 | 64942800 | 271.6E6 | 955.587 | 968.789 |
| 18) | L4 AR-1242-3 | 5.882 | 5.058 | 40140584 | 148.4E6 | 947.491 | 955.722 |
| 19) | L4 AR-1242-4 | 5.980 | 5.140 | 33543618 | 195.3E6 | 958.879 | 946.968m |
| 20) | L4 AR-1242-5 | 6.710 | 5.660 | 36405140 | 229.6E6 | 929.963 | 969.155 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:59
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

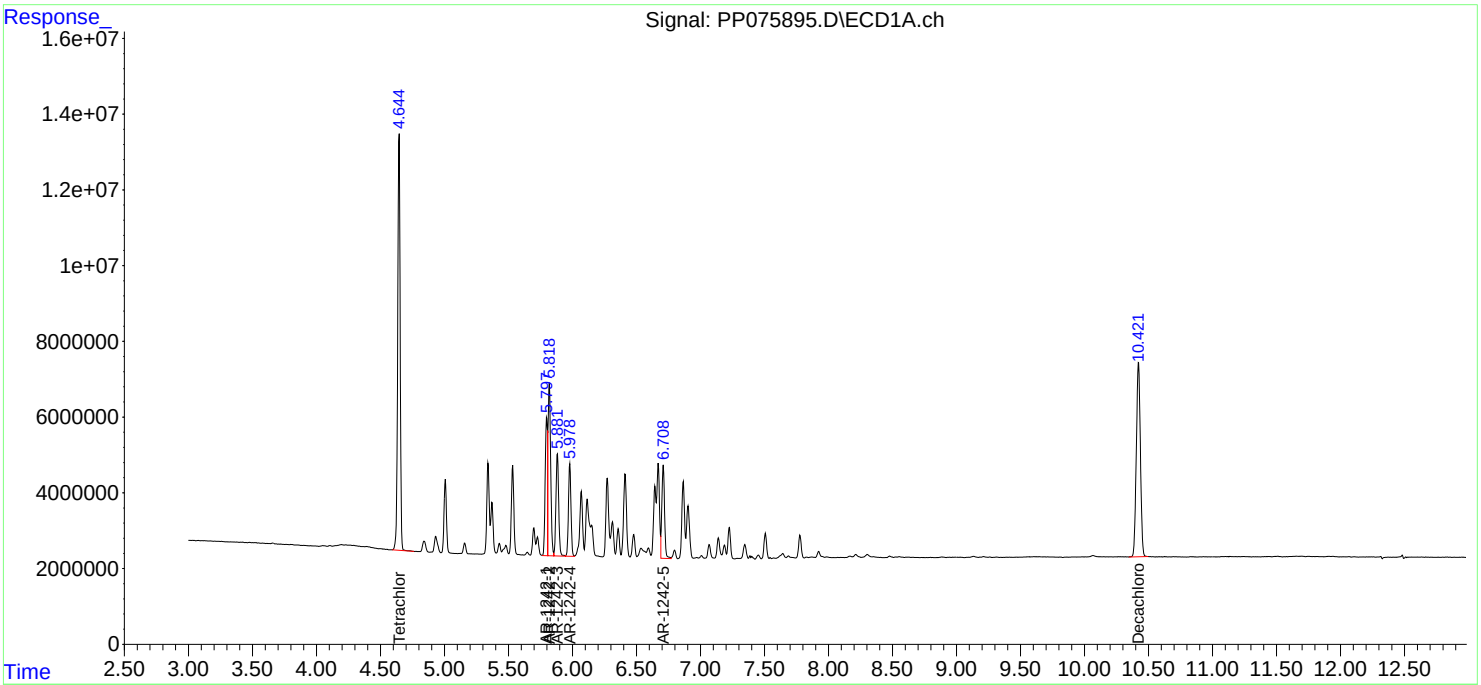
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC1000

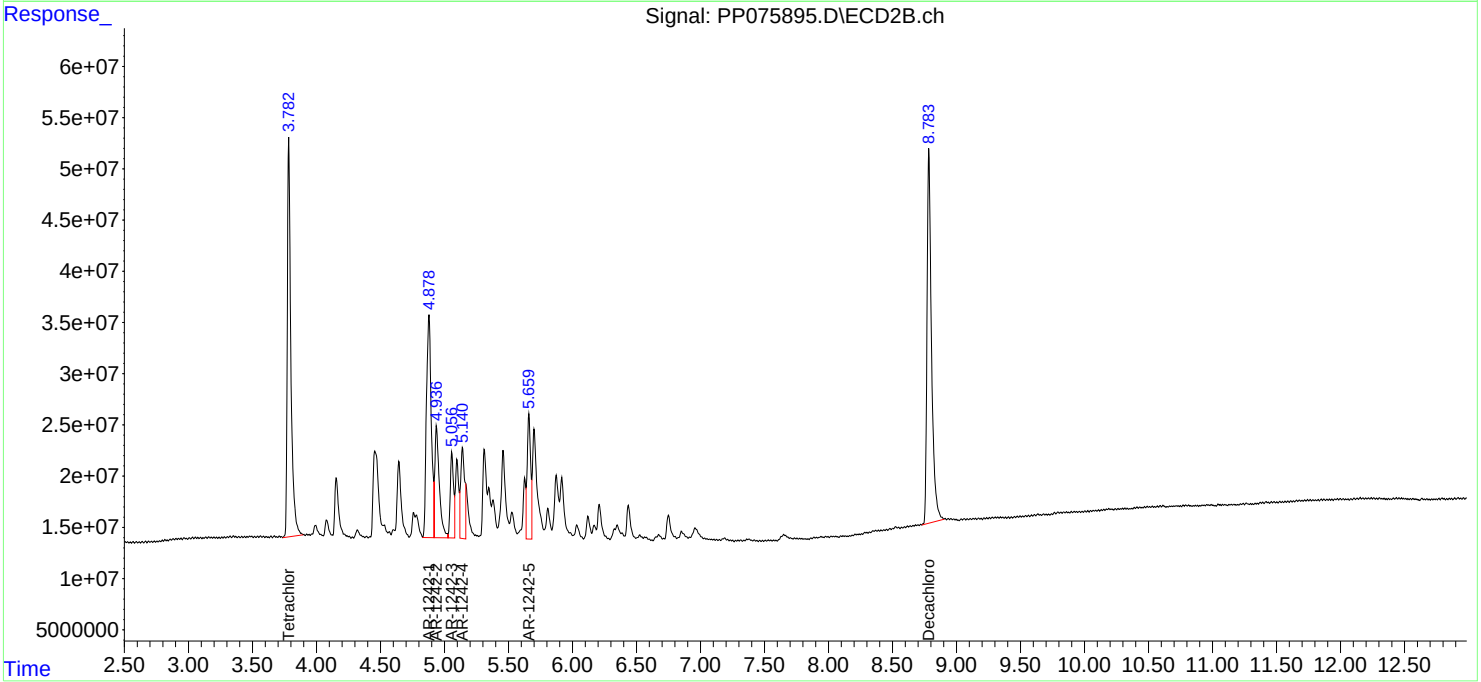
**Manual Integrations APPROVED**

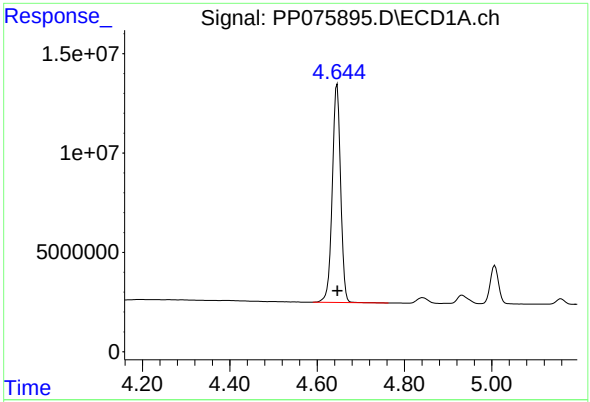
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:57:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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





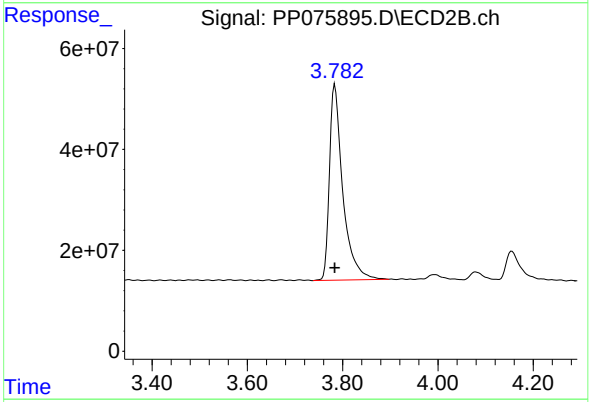

#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 146660157
Conc: 97.37 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC1000

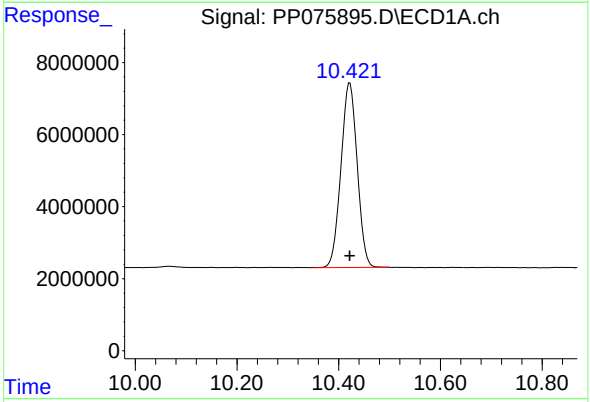
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



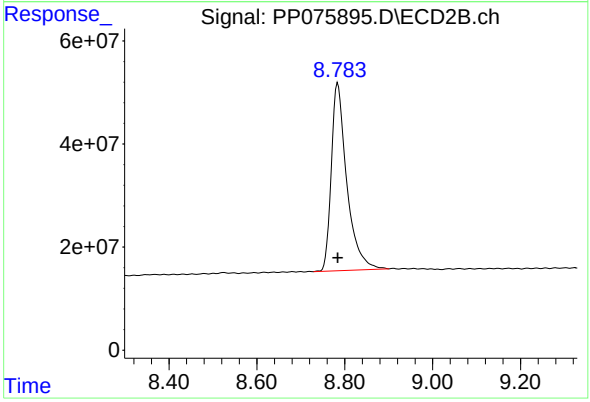

#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 755613375
Conc: 101.27 ng/ml



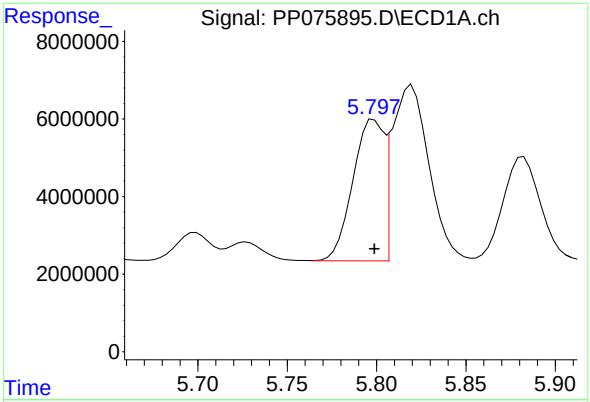

#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 113628090
Conc: 95.99 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 890508065
Conc: 98.95 ng/ml



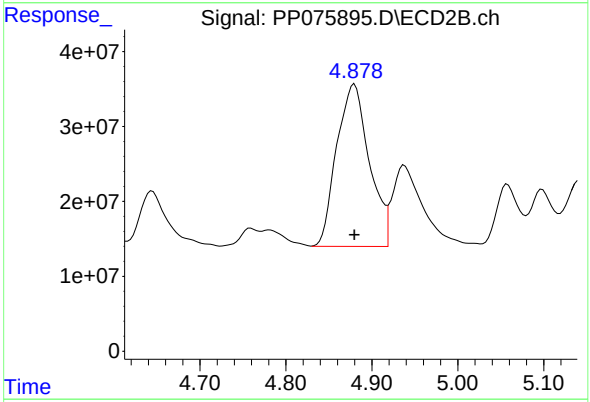

#16 AR-1242-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 44019933
Conc: 960.14 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC1000

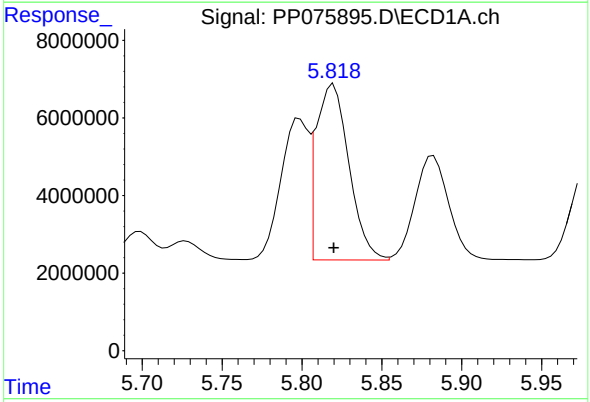
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



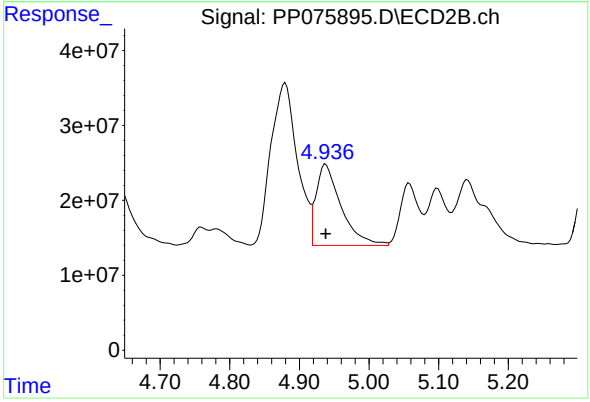

#16 AR-1242-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 571147464
Conc: 977.26 ng/ml



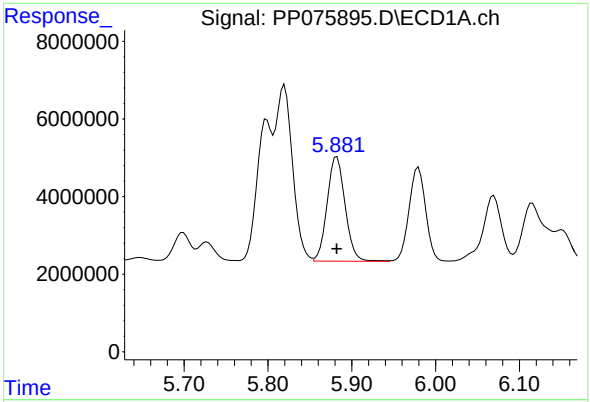

#17 AR-1242-2

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 64942800
Conc: 955.59 ng/ml




#17 AR-1242-2

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 271622570
Conc: 968.79 ng/ml



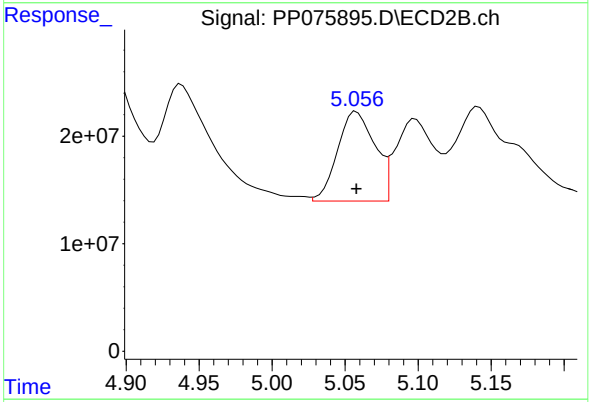

#18 AR-1242-3

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 40140584
Conc: 947.49 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC1000

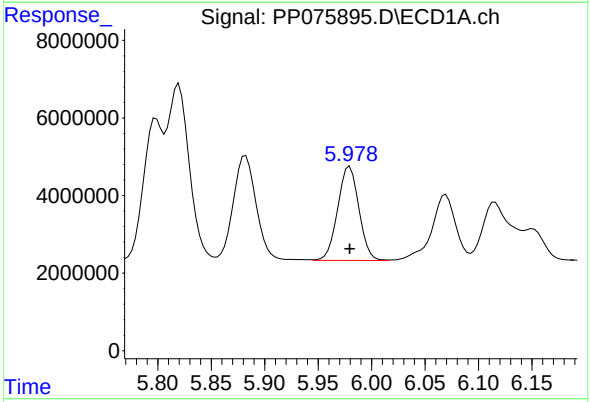
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



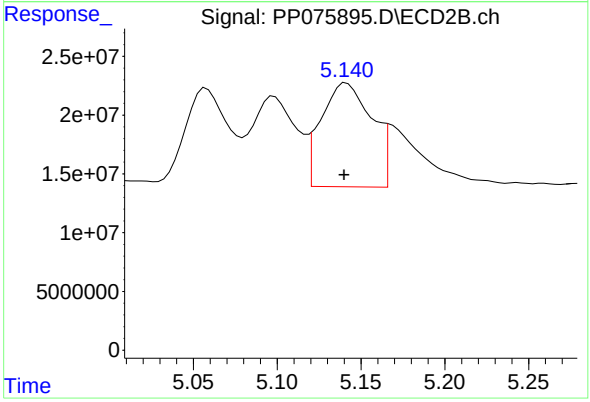

#18 AR-1242-3

R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 148417684
Conc: 955.72 ng/ml



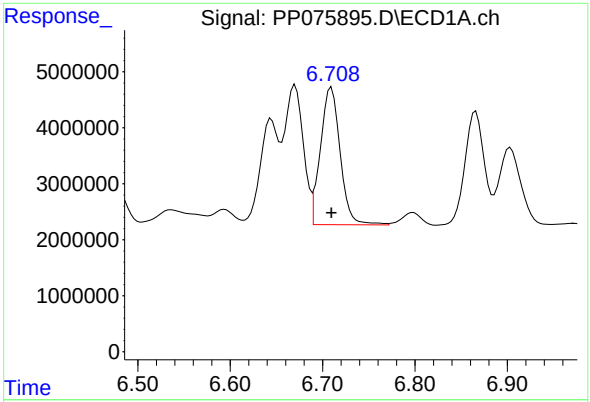

#19 AR-1242-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 33543618
Conc: 958.88 ng/ml




#19 AR-1242-4

R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 195275059
Conc: 946.97 ng/ml m



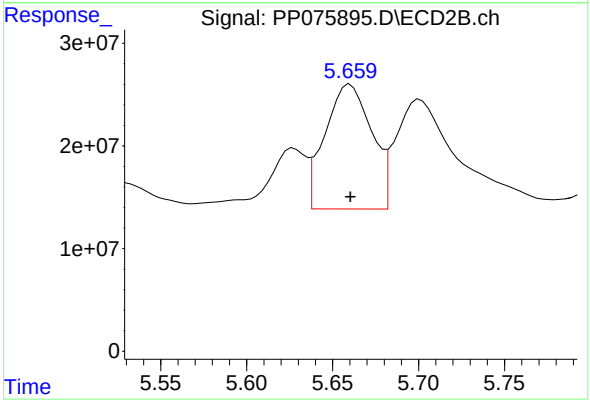

#20 AR-1242-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 36405140
Conc: 929.96 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC1000

**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#20 AR-1242-5

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 229588702
Conc: 969.16 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 11:16
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC750

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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... | 4.644 | 3.782 | 113.4E6 | 556.3E6 | 75.213 | 74.705 |
| 2) | SA Decachlor... | 10.420 | 8.782 | 90695948 | 674.5E6 | 76.069 | 74.966 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.797 | 4.877 | 34736600 | 441.3E6 | 755.090 | 753.335 |
| 17) | L4 AR-1242-2 | 5.818 | 4.936 | 50786803 | 202.9E6 | 748.192 | 732.177 |
| 18) | L4 AR-1242-3 | 5.881 | 5.056 | 31533573 | 113.0E6 | 746.210 | 735.014 |
| 19) | L4 AR-1242-4 | 5.978 | 5.138 | 26371655 | 143.6E6 | 752.570 | 715.813m |
| 20) | L4 AR-1242-5 | 6.708 | 5.658 | 28996717 | 177.7E6 | 743.785 | 750.134 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 11:16
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

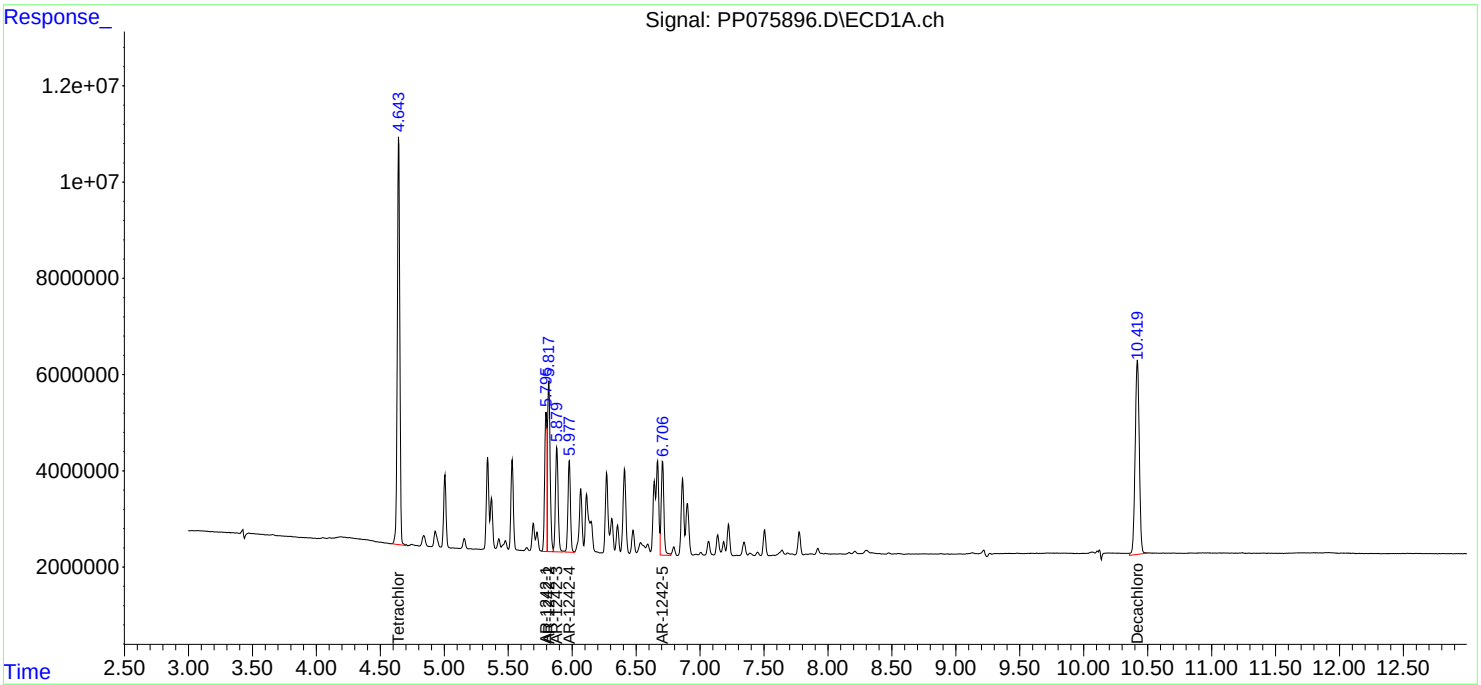
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC750

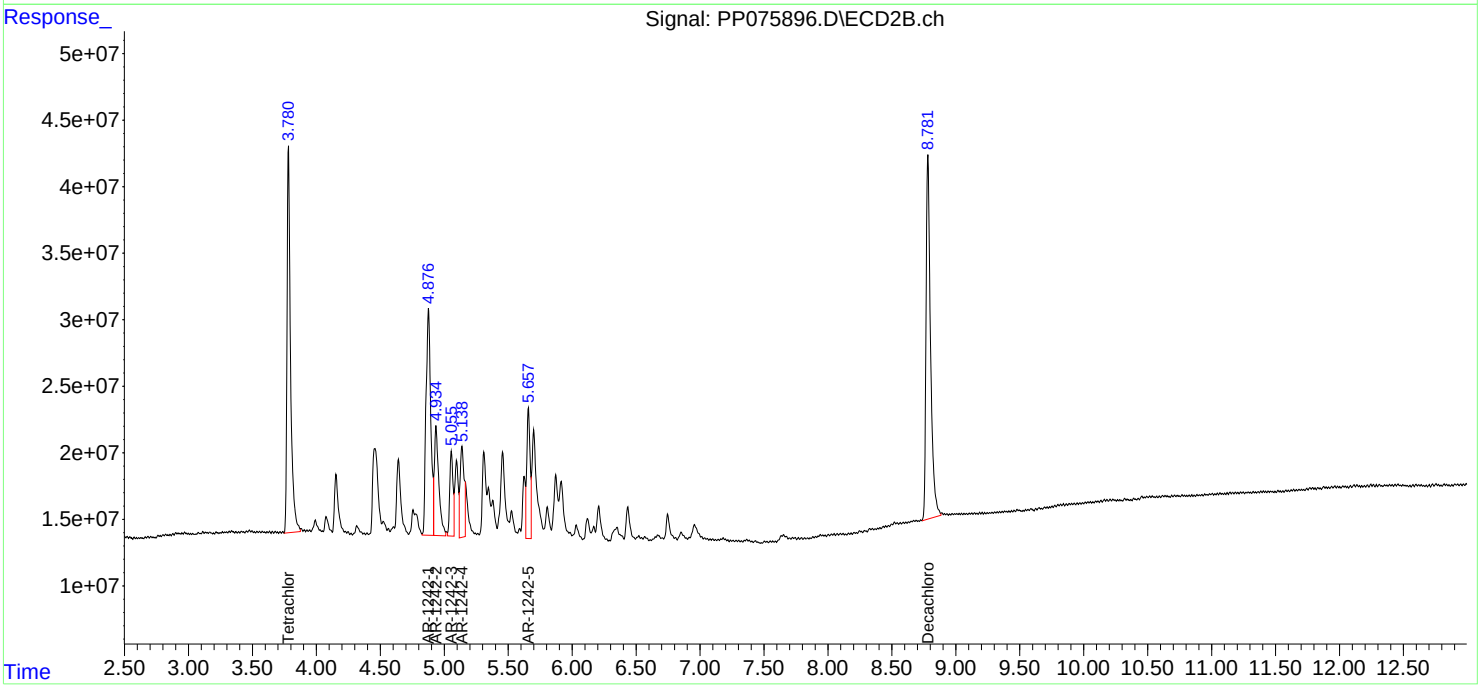
**Manual Integrations APPROVED**

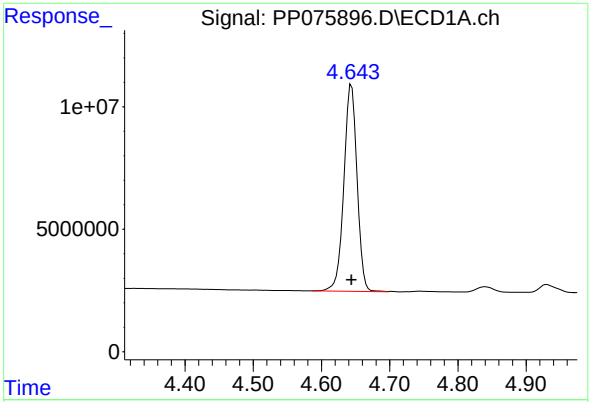
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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





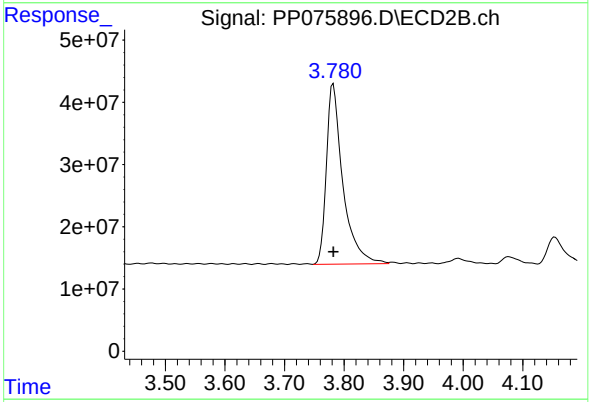

#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 113448643
Conc: 75.21 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC750

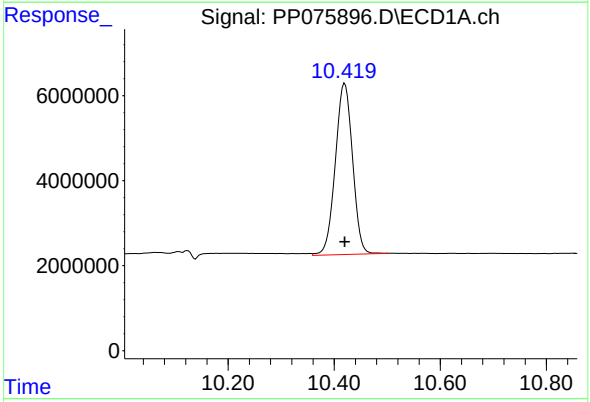
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



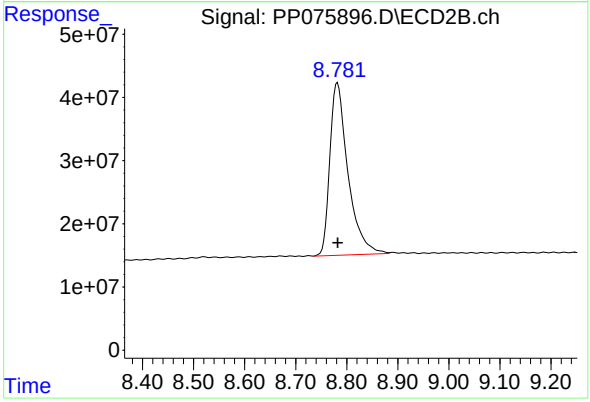

#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 556289431
Conc: 74.70 ng/ml



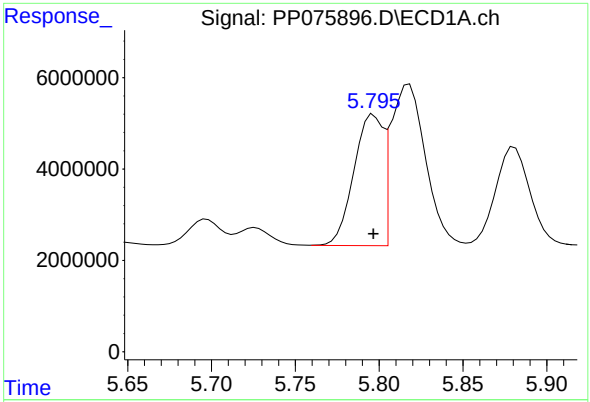

#2 Decachlorobiphenyl

R.T.: 10.420 min
Delta R.T.: 0.000 min
Response: 90695948
Conc: 76.07 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 674506043
Conc: 74.97 ng/ml



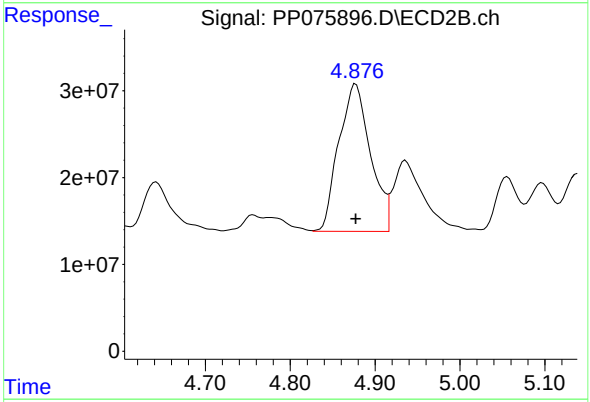

#16 AR-1242-1

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 34736600
Conc: 755.09 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC750

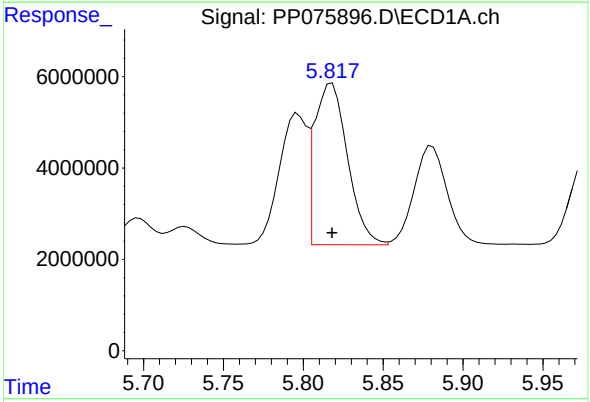
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



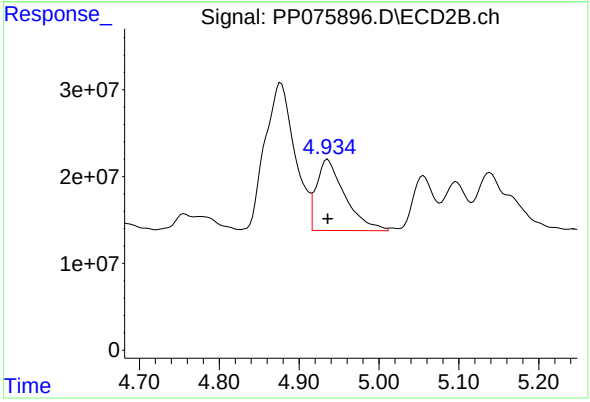

#16 AR-1242-1

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 441256485
Conc: 753.33 ng/ml



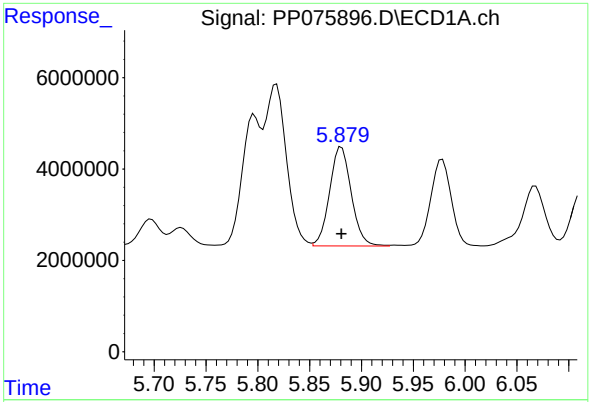

#17 AR-1242-2

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 50786803
Conc: 748.19 ng/ml




#17 AR-1242-2

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 202872100
Conc: 732.18 ng/ml



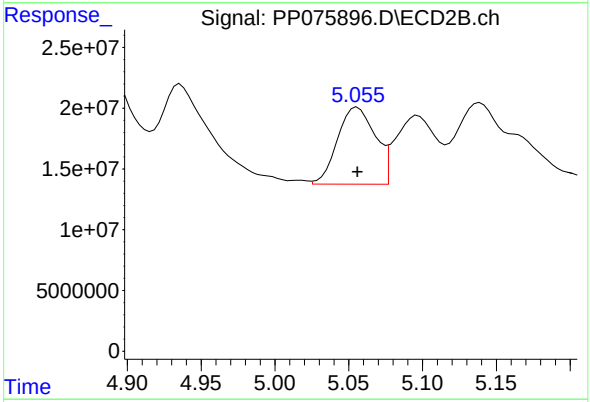

#18 AR-1242-3

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 31533573
Conc: 746.21 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC750

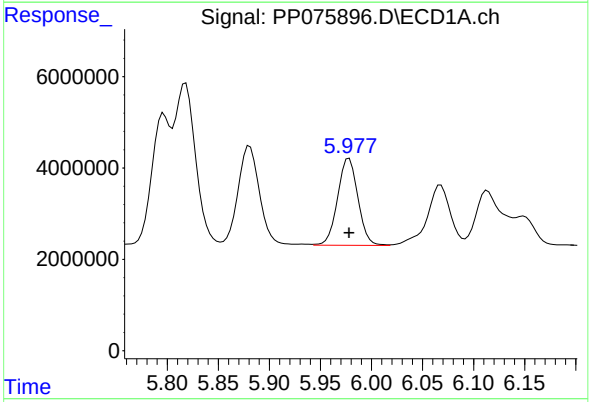
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



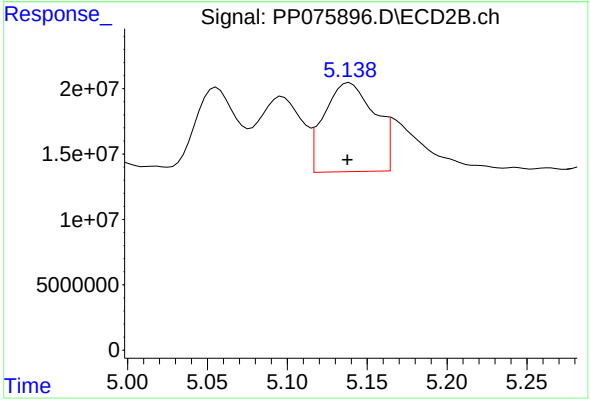

#18 AR-1242-3

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 113013930
Conc: 735.01 ng/ml



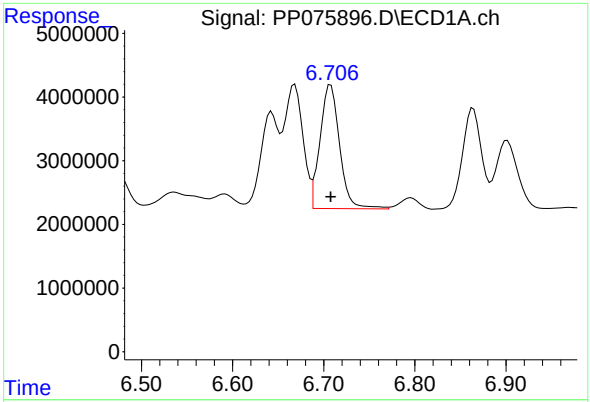

#19 AR-1242-4

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 26371655
Conc: 752.57 ng/ml




#19 AR-1242-4

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 143587580
Conc: 715.81 ng/ml m



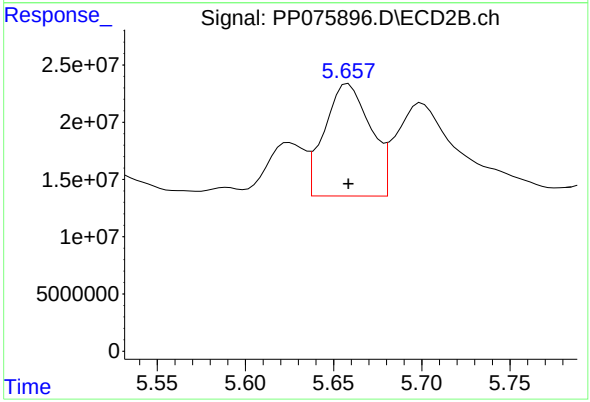

#20 AR-1242-5

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 28996717
Conc: 743.78 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC750

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#20 AR-1242-5

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 177719313
Conc: 750.13 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 11:48
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:54:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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... | 4.647 | 3.784 | 77291283 | 368.3E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.422 | 8.785 | 61563948 | 454.7E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.799 | 4.880 | 23837208 | 298.9E6 | 498.805 | 500.000 |
| 17) | L4 AR-1242-2 | 5.821 | 4.938 | 35489778 | 144.6E6 | 500.000 | 500.000 |
| 18) | L4 AR-1242-3 | 5.884 | 5.059 | 22294823 | 81084867 | 500.000 | 500.000 |
| 19) | L4 AR-1242-4 | 5.981 | 5.141 | 18210300 | 105.4E6 | 500.000 | 515.181m |
| 20) | L4 AR-1242-5 | 6.710 | 5.660 | 20944311 | 122.1E6 | 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\PP102125\
Data File : PP075897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 11:48
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

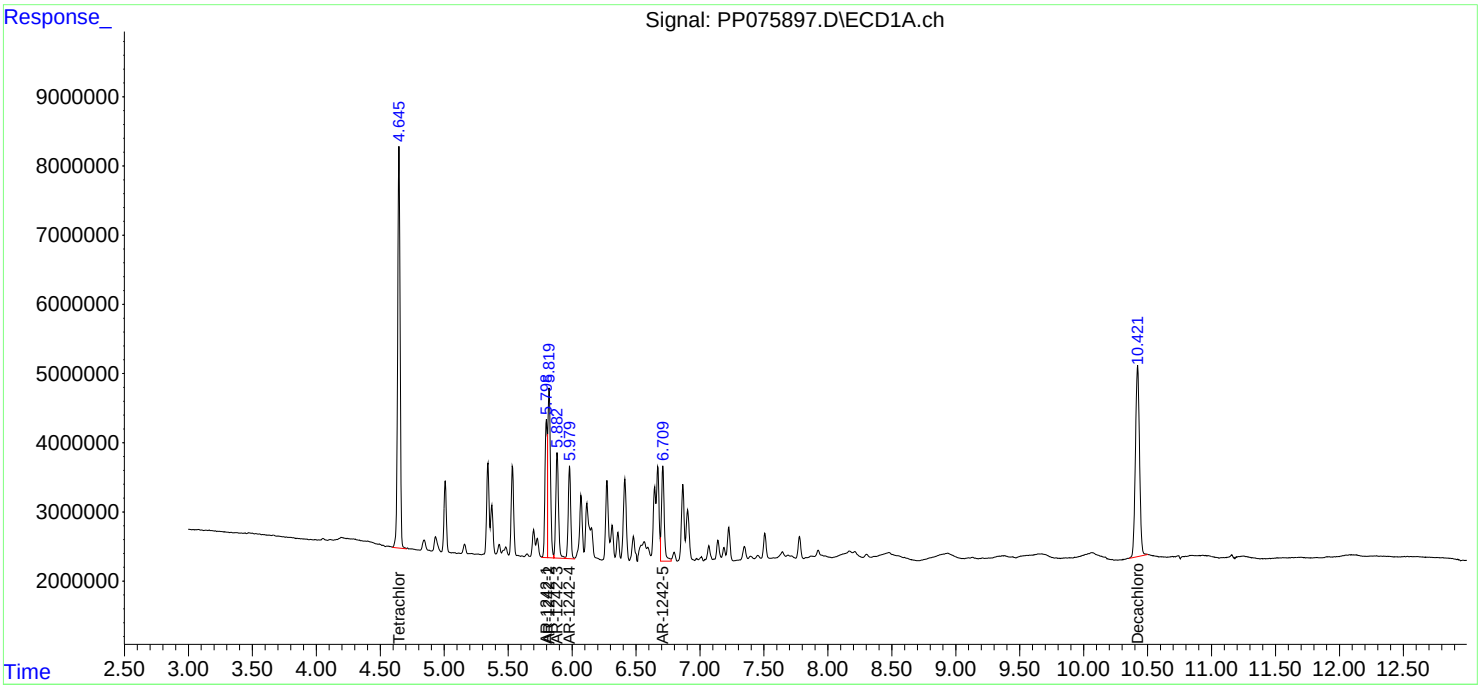
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC500

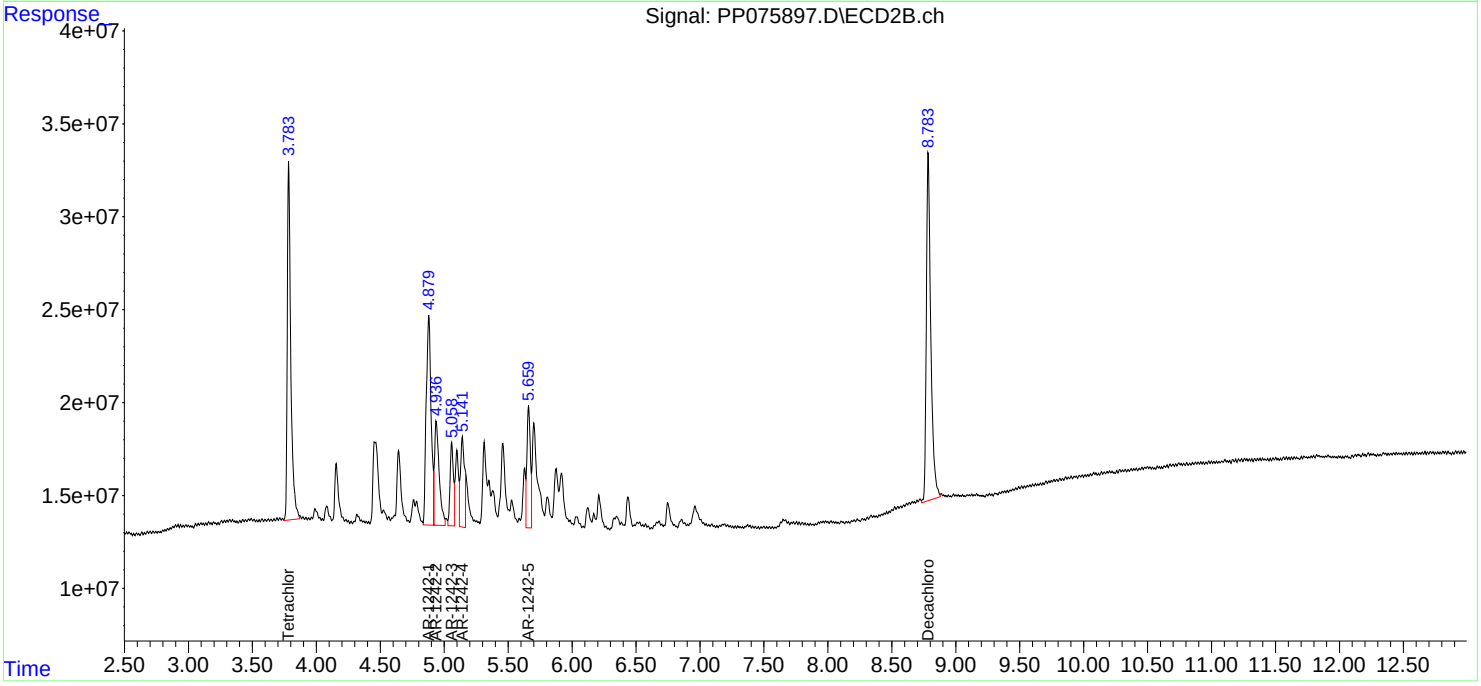
**Manual Integrations APPROVED**

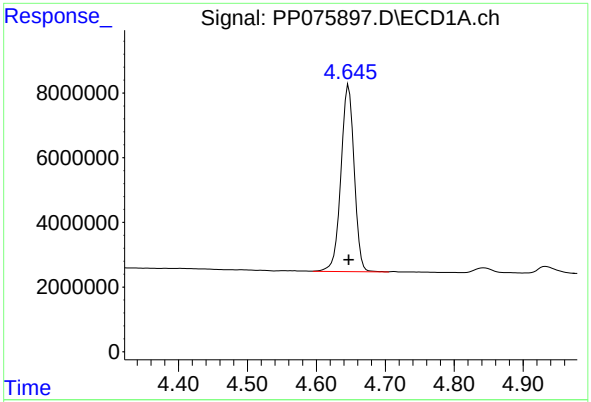
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:54:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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





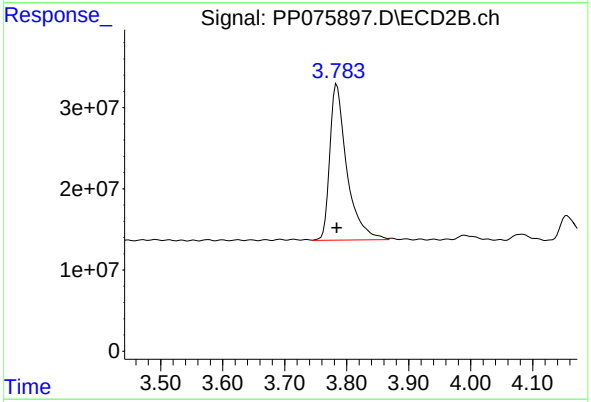

#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 77291283
Conc: 50.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC500

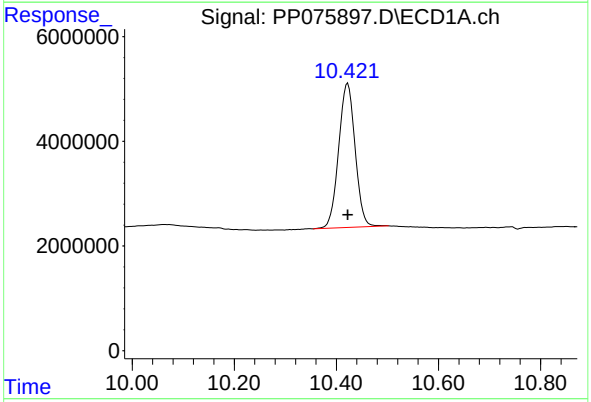
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



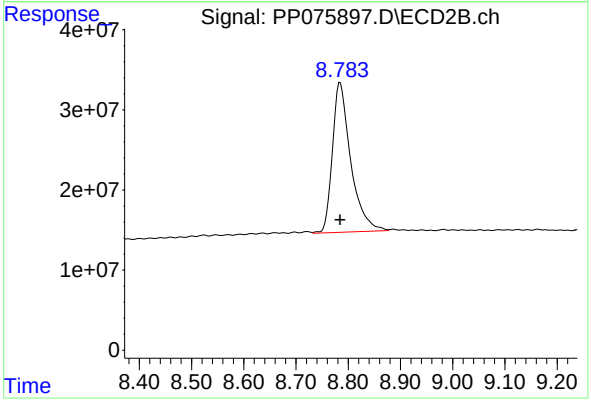

#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 368310366
Conc: 50.00 ng/ml



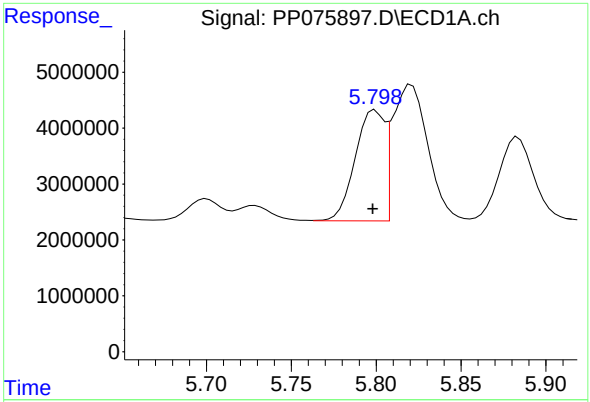

#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 61563948
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 454707843
Conc: 50.00 ng/ml



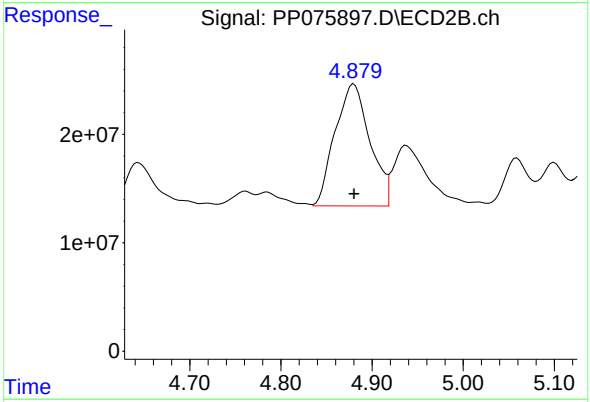

#16 AR-1242-1

R.T.: 5.799 min
Delta R.T.: 0.001 min
Response: 23837208
Conc: 498.80 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC500

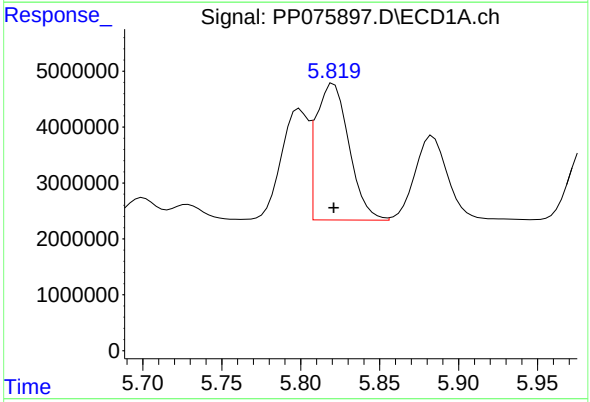
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



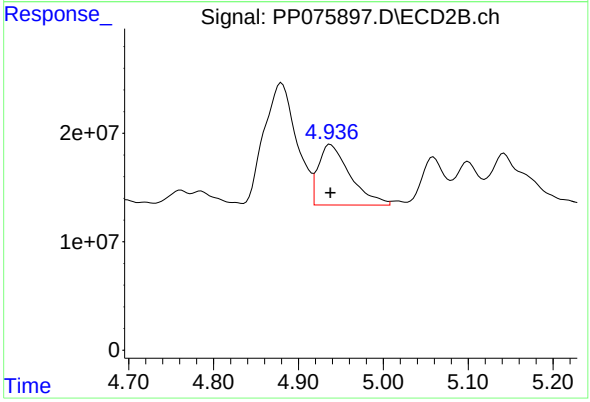

#16 AR-1242-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 298861859
Conc: 500.00 ng/ml



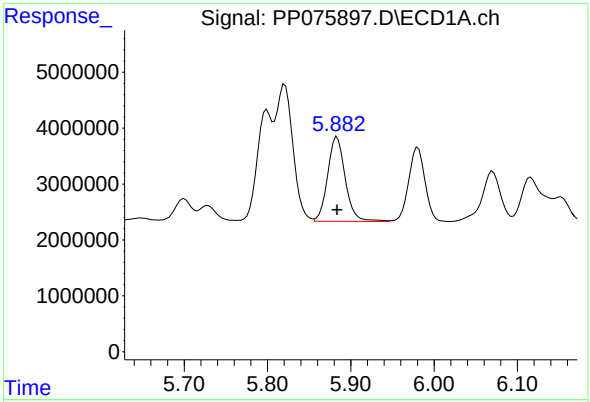

#17 AR-1242-2

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 35489778
Conc: 500.00 ng/ml




#17 AR-1242-2

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 144561928
Conc: 500.00 ng/ml



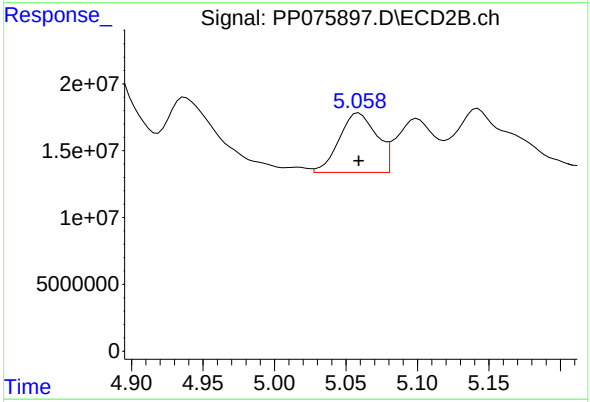

#18 AR-1242-3

R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 22294823
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC500

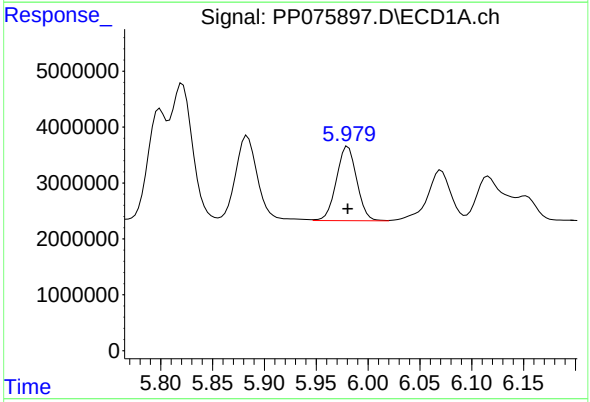
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



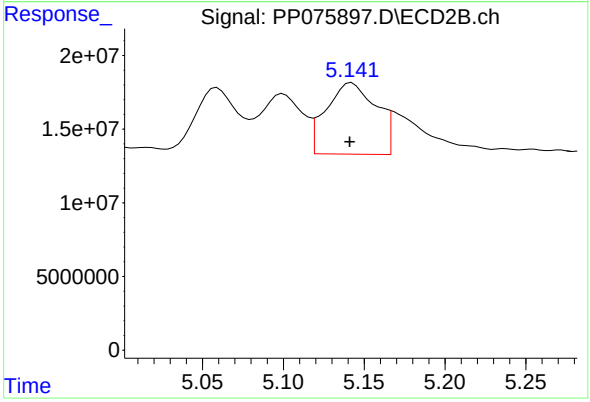

#18 AR-1242-3

R.T.: 5.059 min
Delta R.T.: 0.000 min
Response: 81084867
Conc: 500.00 ng/ml



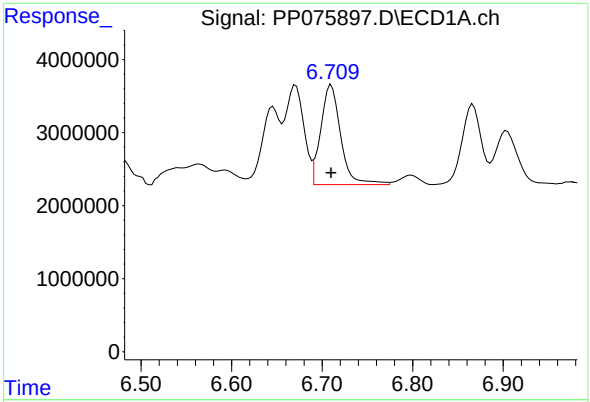

#19 AR-1242-4

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 18210300
Conc: 500.00 ng/ml




#19 AR-1242-4

R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 105412292
Conc: 515.18 ng/ml m



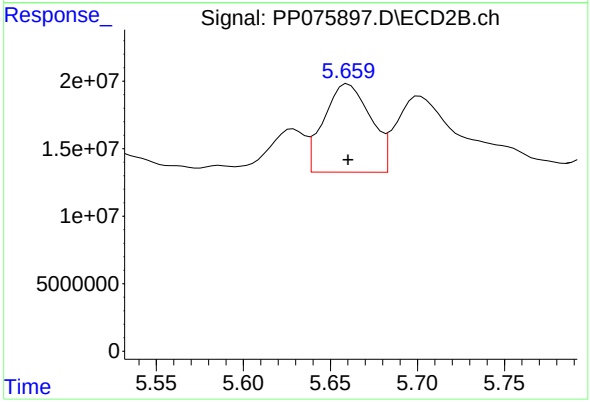

#20 AR-1242-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 20944311
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC500

**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#20 AR-1242-5

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 122101376
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:04
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC250

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:06:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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... | 4.645 | 3.783 | 39880193 | 180.0E6 | 26.064 | 24.377 |
| 2) | SA Decachlor... | 10.420 | 8.782 | 32230064 | 227.8E6 | 26.494 | 25.240 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.797 | 4.880 | 12563771 | 142.4E6 | 266.938 | 244.850 |
| 17) | L4 AR-1242-2 | 5.819 | 4.936 | 18441812 | 72837046 | 265.919 | 259.532 |
| 18) | L4 AR-1242-3 | 5.881 | 5.057 | 11783758 | 39428697 | 271.031 | 254.795 |
| 19) | L4 AR-1242-4 | 5.979 | 5.139 | 9241965 | 47817696 | 260.164 | 239.194m |
| 20) | L4 AR-1242-5 | 6.707 | 5.659 | 9824013 | 58740602 | 248.605m | 248.450 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:04
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

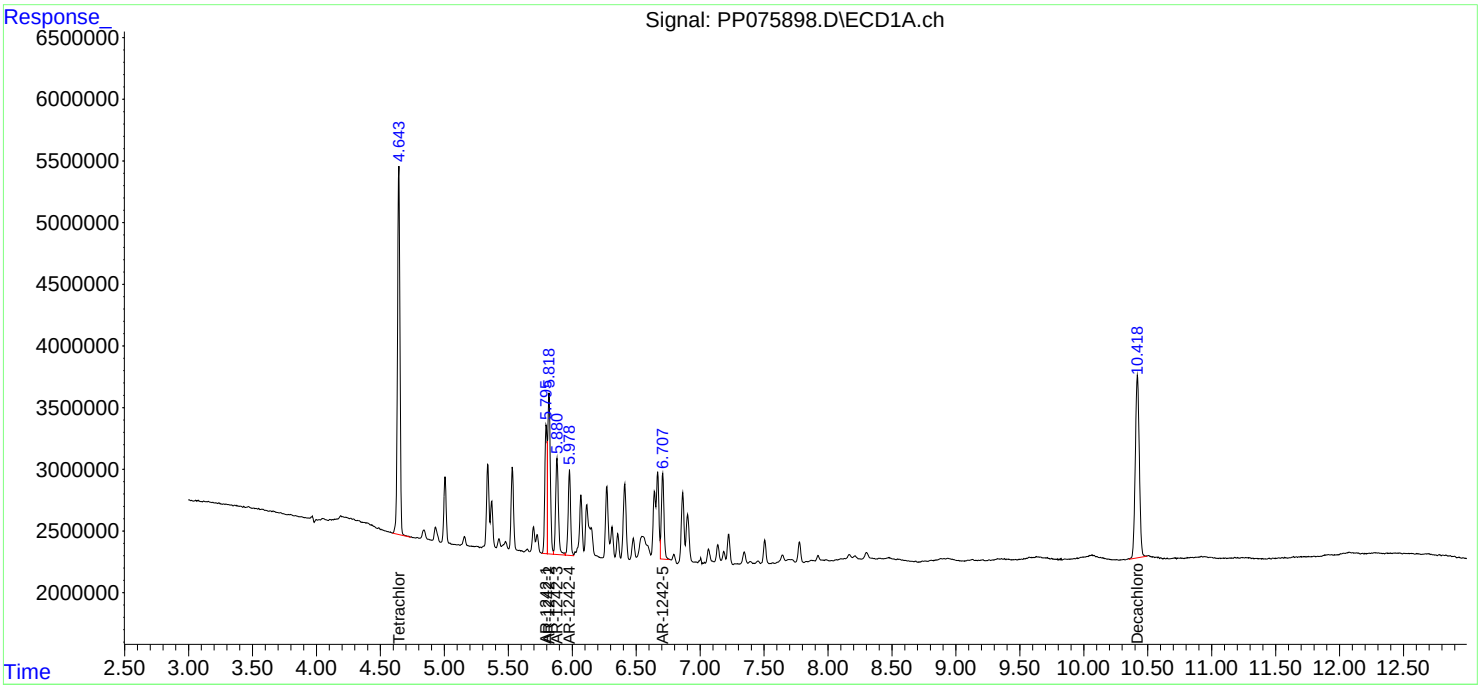
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC250

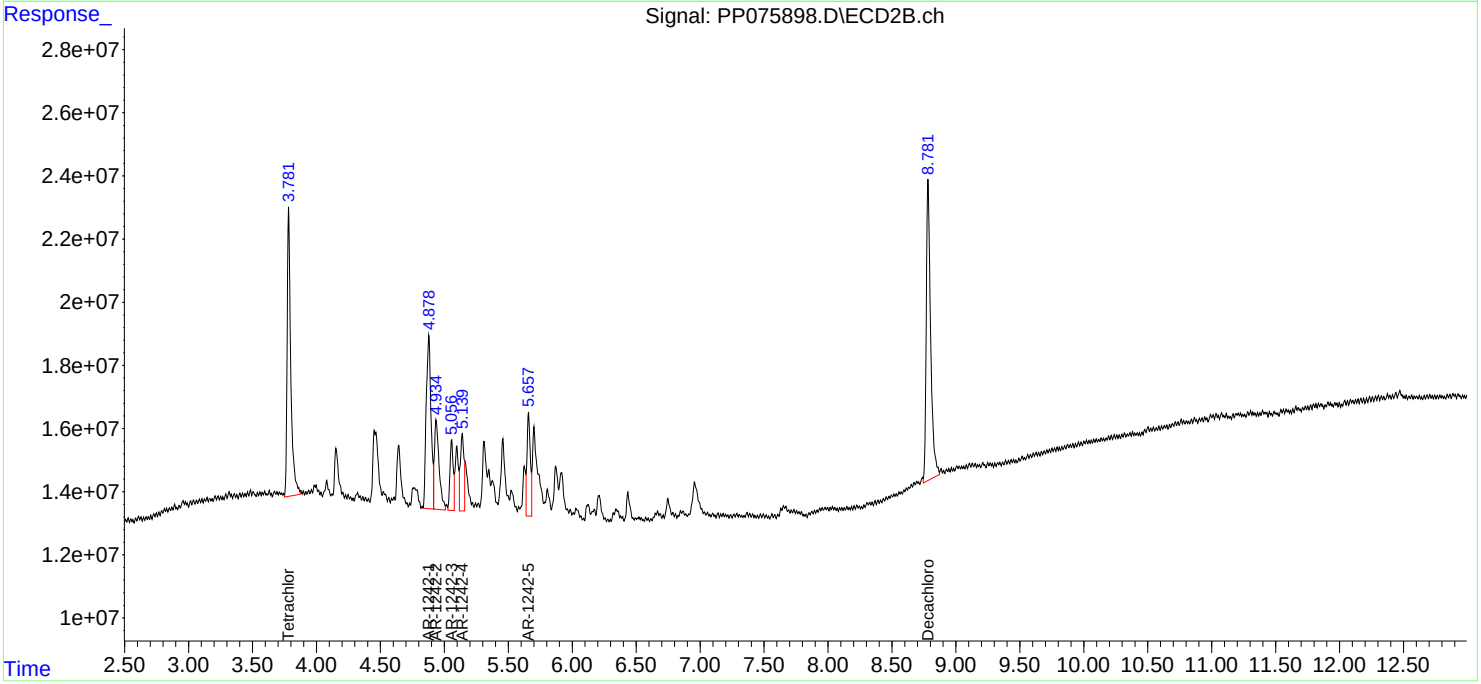
**Manual Integrations APPROVED**

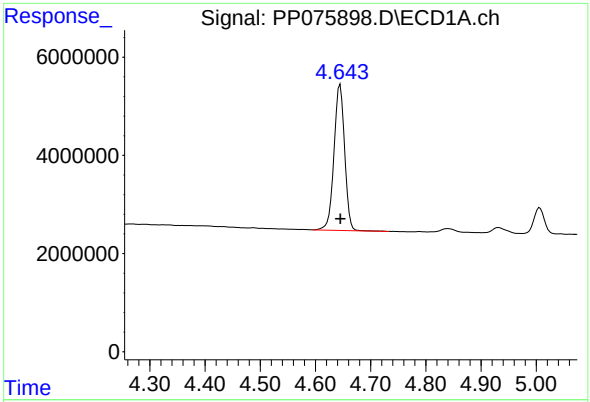
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:06:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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





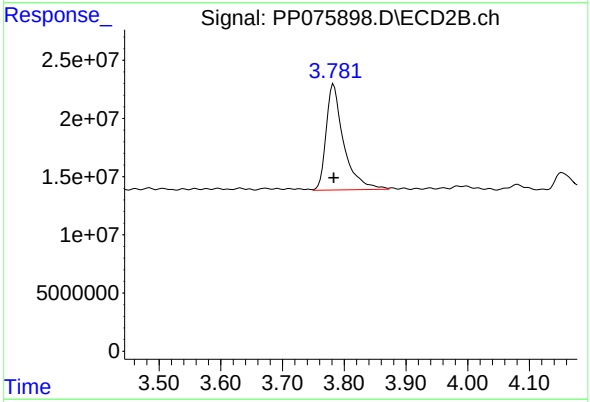

#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 39880193
Conc: 26.06 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC250

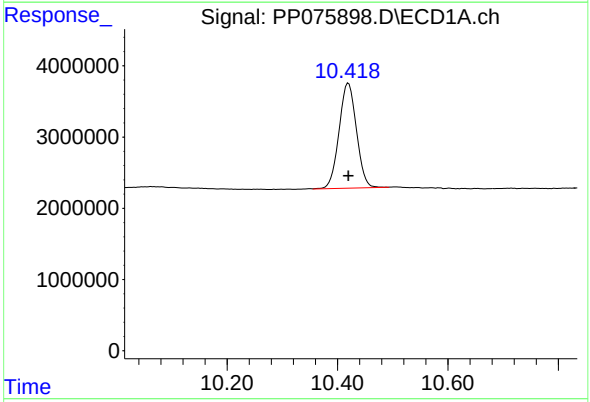
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



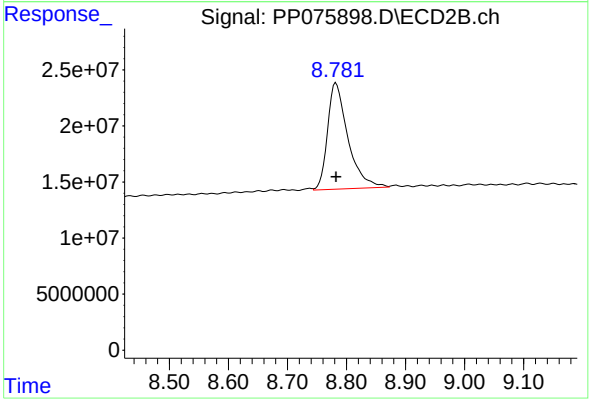

#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 180029251
Conc: 24.38 ng/ml



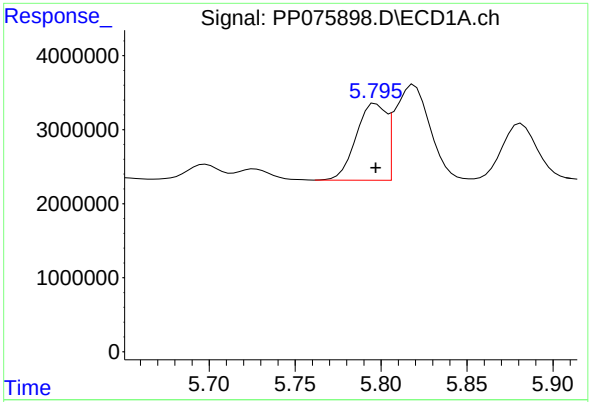

#2 Decachlorobiphenyl

R.T.: 10.420 min
Delta R.T.: 0.000 min
Response: 32230064
Conc: 26.49 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 227832960
Conc: 25.24 ng/ml



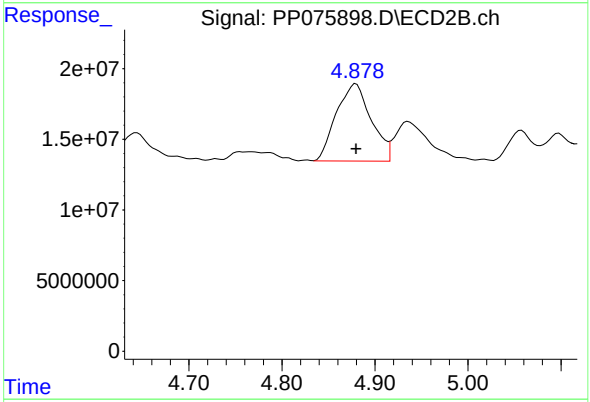

#16 AR-1242-1

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 12563771
Conc: 266.94 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC250

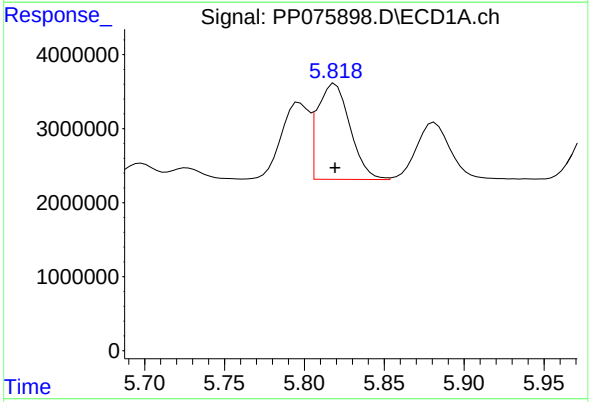
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



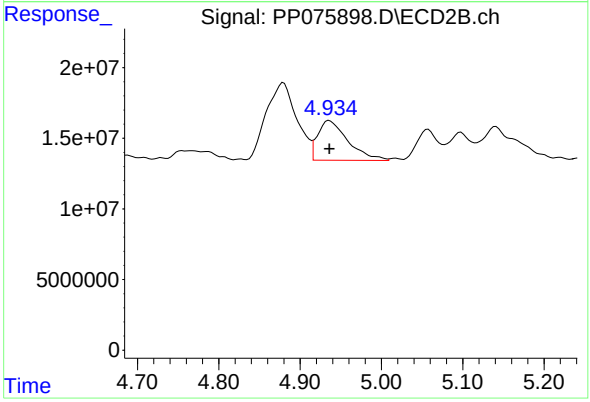

#16 AR-1242-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 142440097
Conc: 244.85 ng/ml



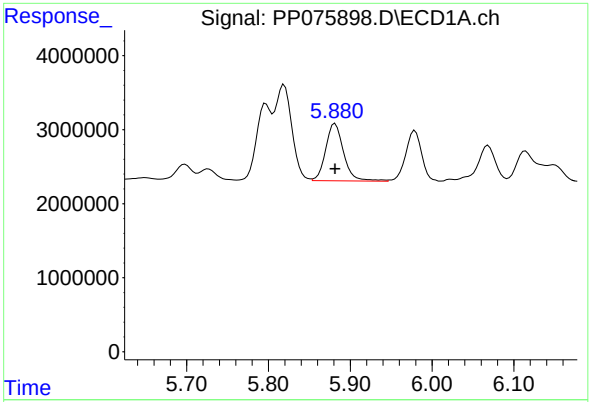

#17 AR-1242-2

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 18441812
Conc: 265.92 ng/ml




#17 AR-1242-2

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 72837046
Conc: 259.53 ng/ml



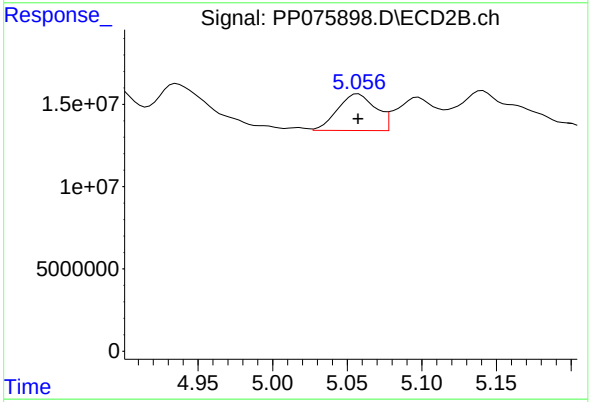

#18 AR-1242-3

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 11783758
Conc: 271.03 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC250

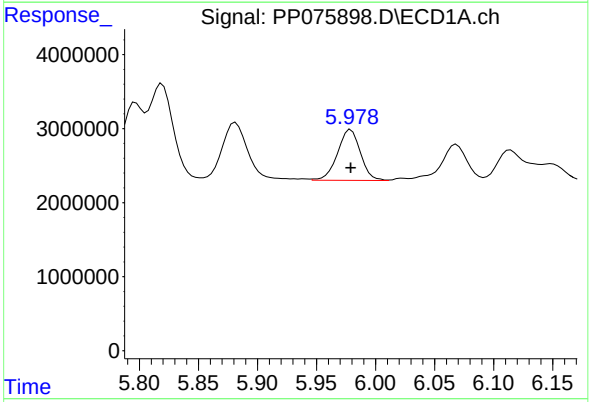
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



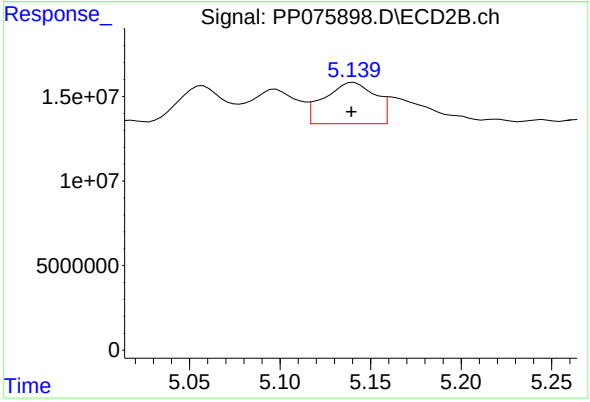

#18 AR-1242-3

R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 39428697
Conc: 254.79 ng/ml



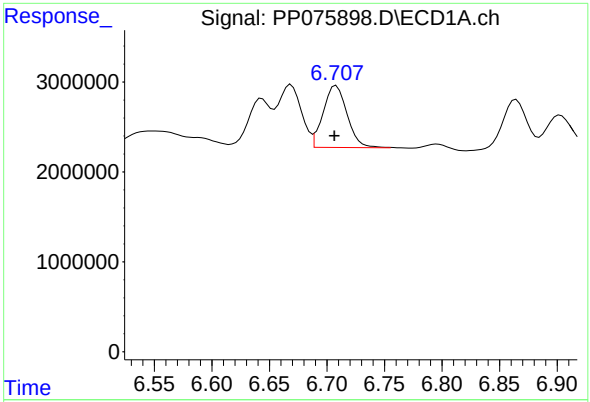

#19 AR-1242-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 9241965
Conc: 260.16 ng/ml




#19 AR-1242-4

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 47817696
Conc: 239.19 ng/ml m



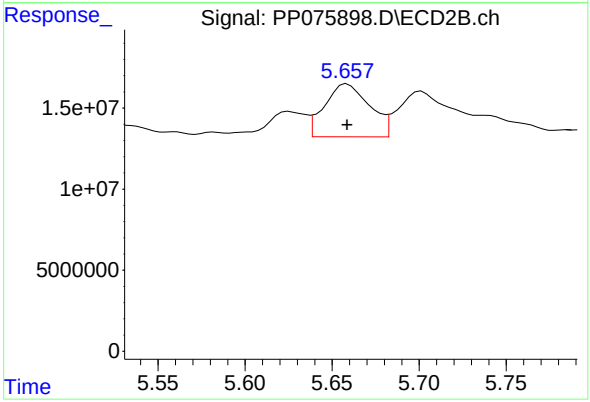

#20 AR-1242-5

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 9824013
Conc: 248.61 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC250

**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#20 AR-1242-5

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 58740602
Conc: 248.45 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:21
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:10:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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... | 4.646 | 3.783 | 7865219 | 30617105 | 5.112 | 4.301m |
| 2) | SA Decachlor... | 10.422 | 8.783 | 6789035 | 46546691 | 5.454 | 5.125 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.798 | 4.882 | 2563442 | 27339514 | 53.509 | 47.567 |
| 17) | L4 AR-1242-2 | 5.820 | 4.939 | 3827668 | 13248287 | 54.069 | 47.740 |
| 18) | L4 AR-1242-3 | 5.883 | 5.054 | 2714945 | 8403556 | 59.484 | 53.386 |
| 19) | L4 AR-1242-4 | 5.979 | 5.138 | 1985121 | 6837014 | 54.597 | 36.934 # |
| 20) | L4 AR-1242-5 | 6.708 | 5.660 | 2423381 | 10273735 | 59.725m | 44.622 # |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:21
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

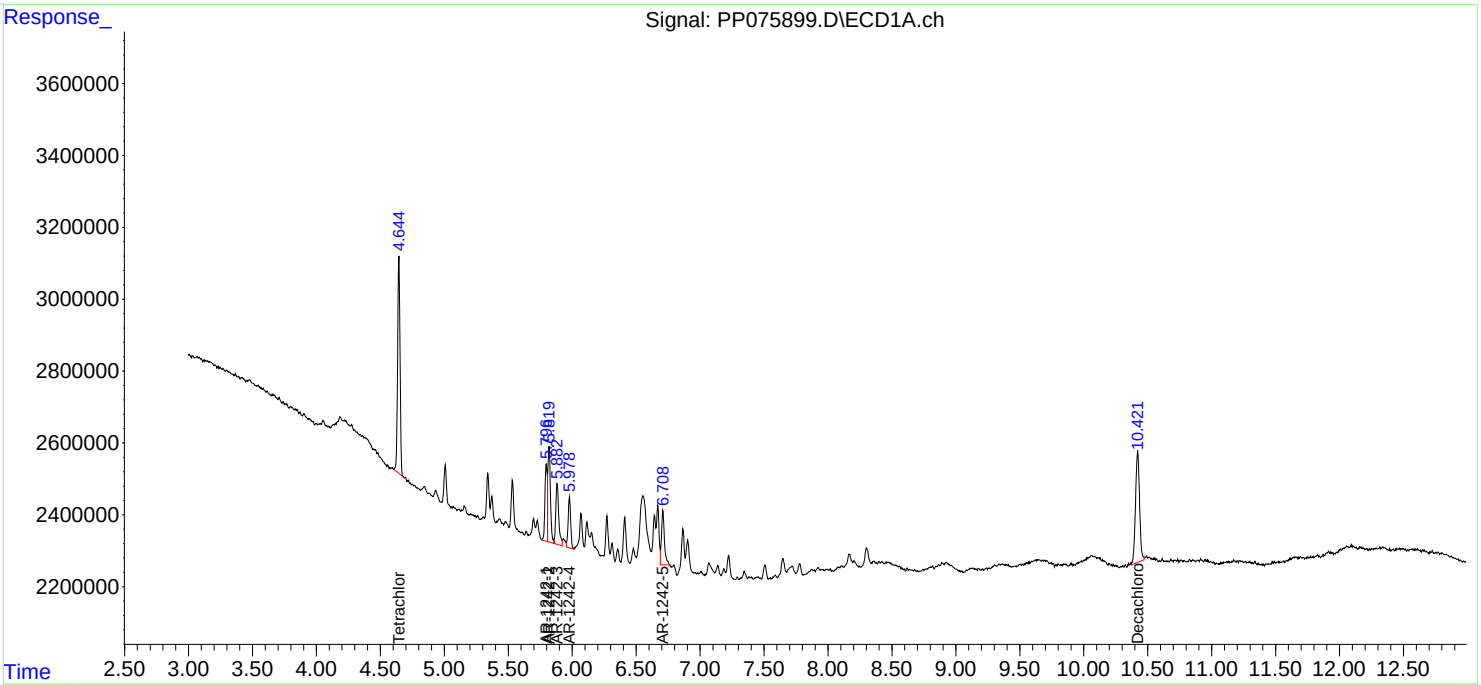
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC050

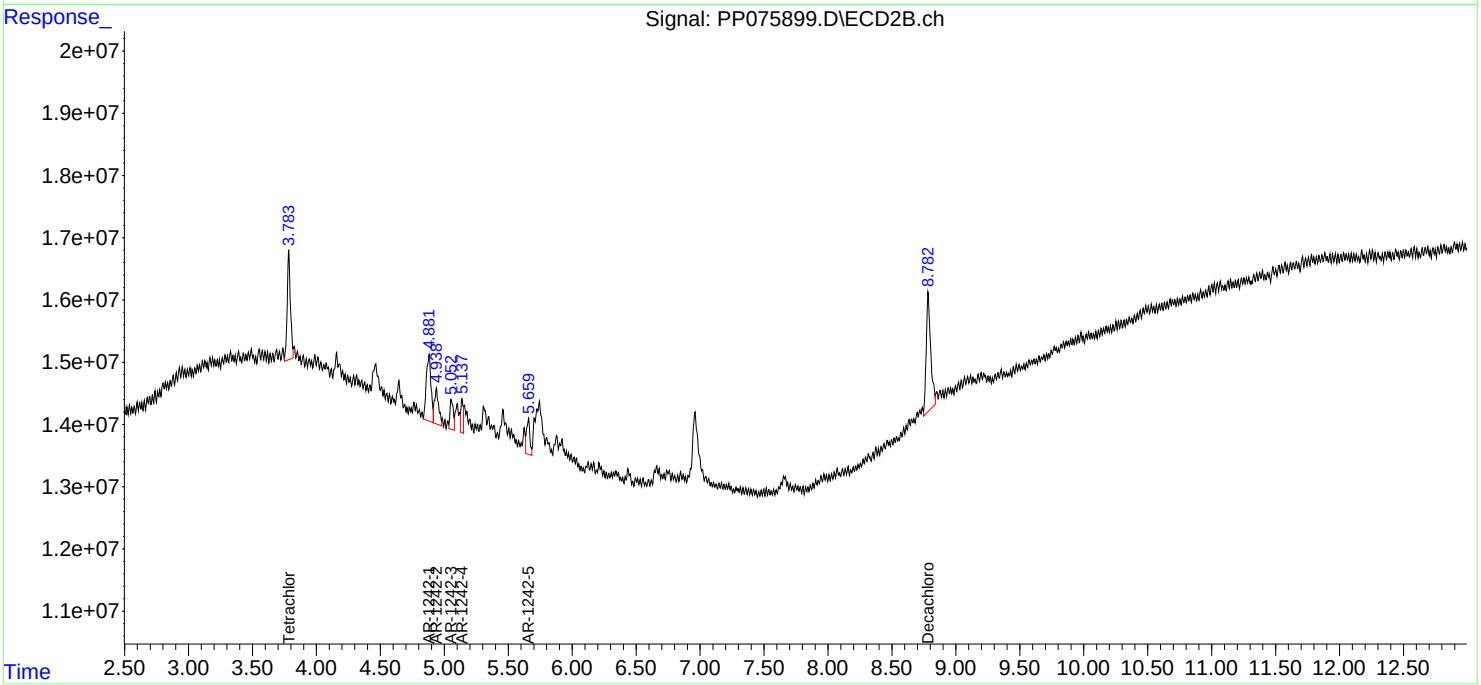
**Manual Integrations APPROVED**

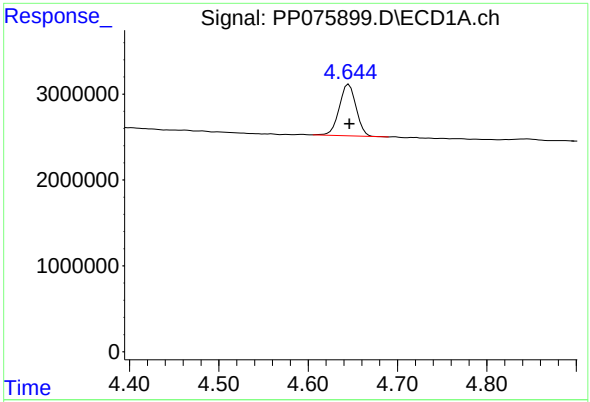
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:10:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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





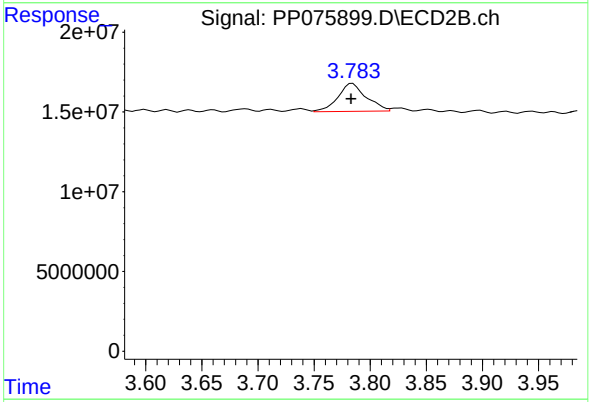

#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 7865219
Conc: 5.11 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC050

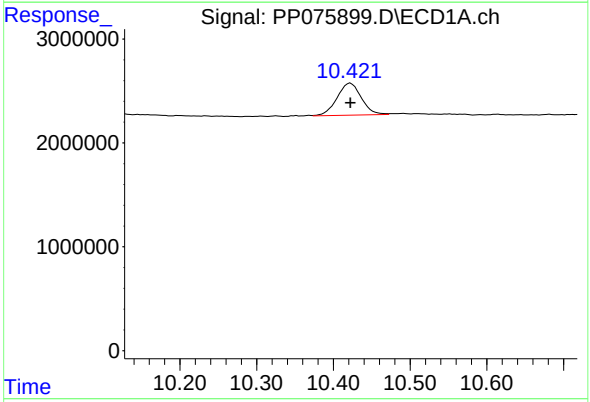
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



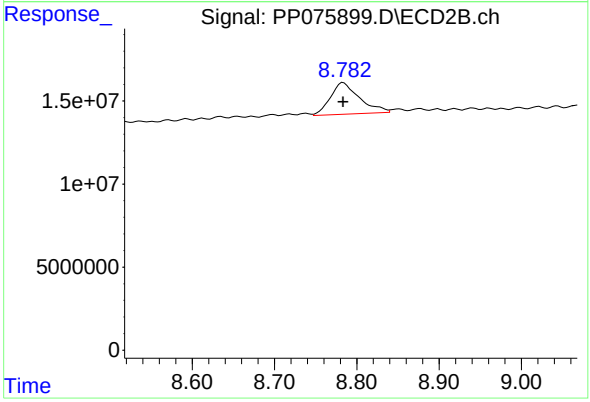

#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 30617105
Conc: 4.30 ng/ml m



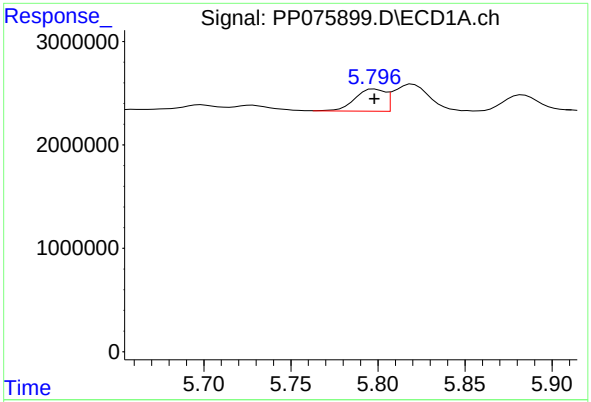

#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 6789035
Conc: 5.45 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 46546691
Conc: 5.12 ng/ml



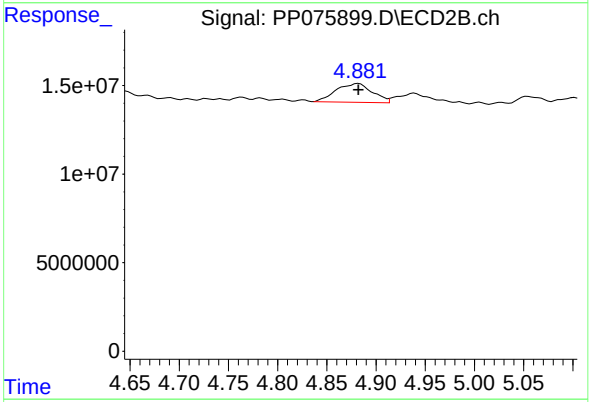

#16 AR-1242-1

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 2563442
Conc: 53.51 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC050

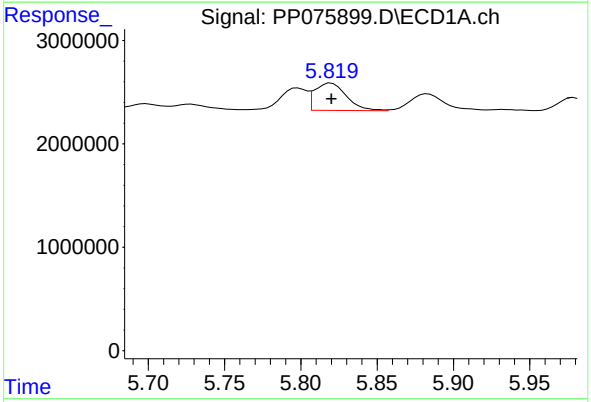
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



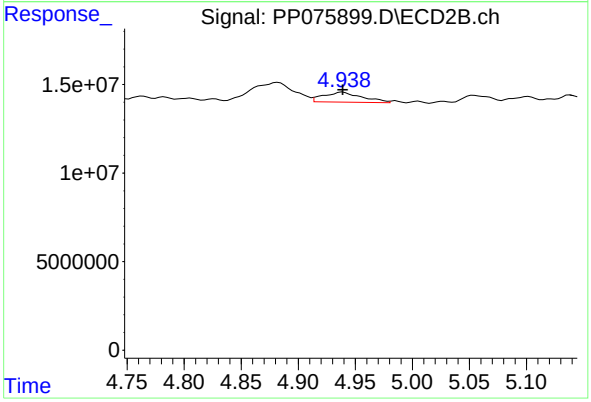

#16 AR-1242-1

R.T.: 4.882 min
Delta R.T.: 0.000 min
Response: 27339514
Conc: 47.57 ng/ml



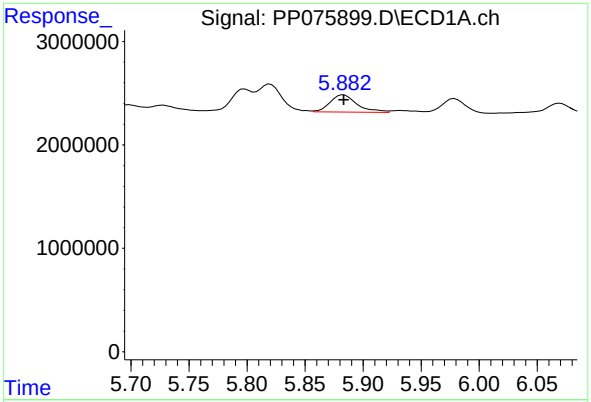

#17 AR-1242-2

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 3827668
Conc: 54.07 ng/ml




#17 AR-1242-2

R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 13248287
Conc: 47.74 ng/ml



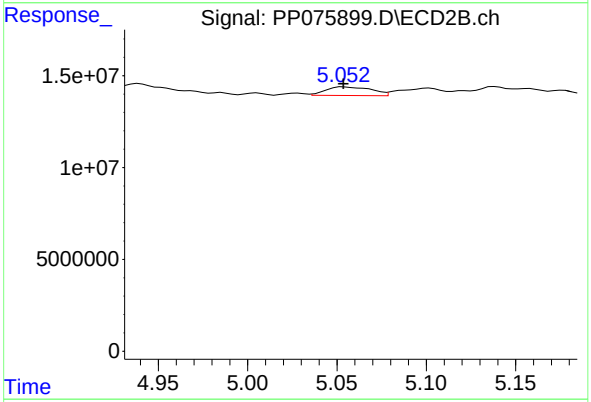

#18 AR-1242-3

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 2714945
Conc: 59.48 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC050

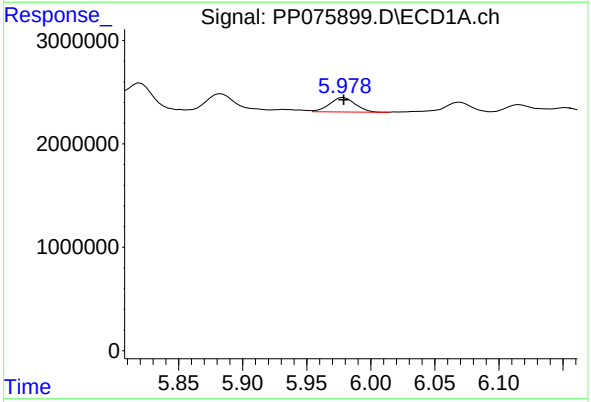
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



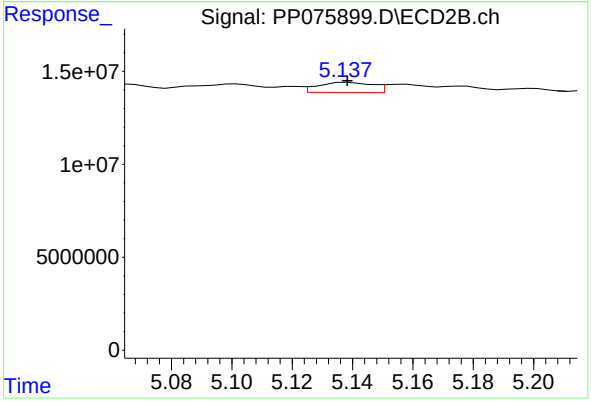

#18 AR-1242-3

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 8403556
Conc: 53.39 ng/ml



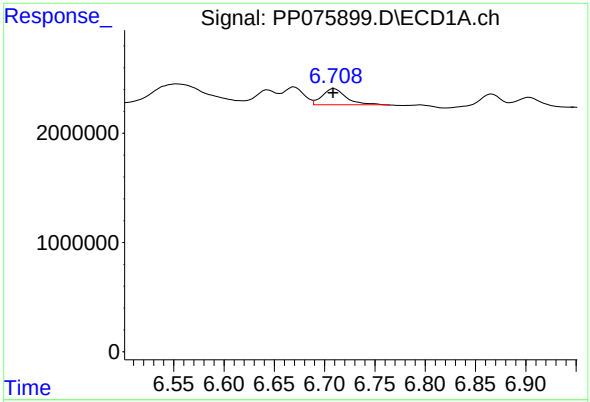

#19 AR-1242-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 1985121
Conc: 54.60 ng/ml




#19 AR-1242-4

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 6837014
Conc: 36.93 ng/ml



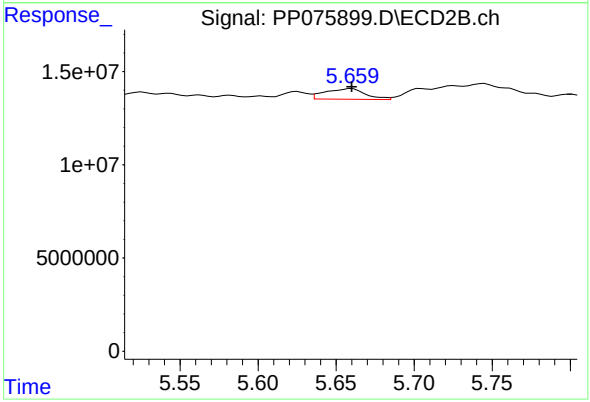

#20 AR-1242-5

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 2423381
Conc: 59.73 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#20 AR-1242-5

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 10273735
Conc: 44.62 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075900.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:41
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC1000

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 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... | 4.647 | 3.780 | 146.9E6 | 734.4E6 | 97.039 | 99.403 |
| 2) | SA Decachlor... | 10.426 | 8.783 | 114.1E6 | 899.5E6 | 95.681 | 98.496 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.799 | 4.876 | 33471805 | 362.9E6 | 950.427 | 965.133 |
| 22) | L5 AR-1248-2 | 6.071 | 5.095 | 44816839 | 226.9E6 | 951.326 | 964.032 |
| 23) | L5 AR-1248-3 | 6.274 | 5.136 | 49477903 | 258.9E6 | 894.849 | 947.454m |
| 24) | L5 AR-1248-4 | 6.672 | 5.309 | 60435029 | 264.9E6 | 944.739 | 969.626 |
| 25) | L5 AR-1248-5 | 6.711 | 5.698 | 58134534 | 532.0E6 | 941.586 | 994.127 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075900.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:41
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

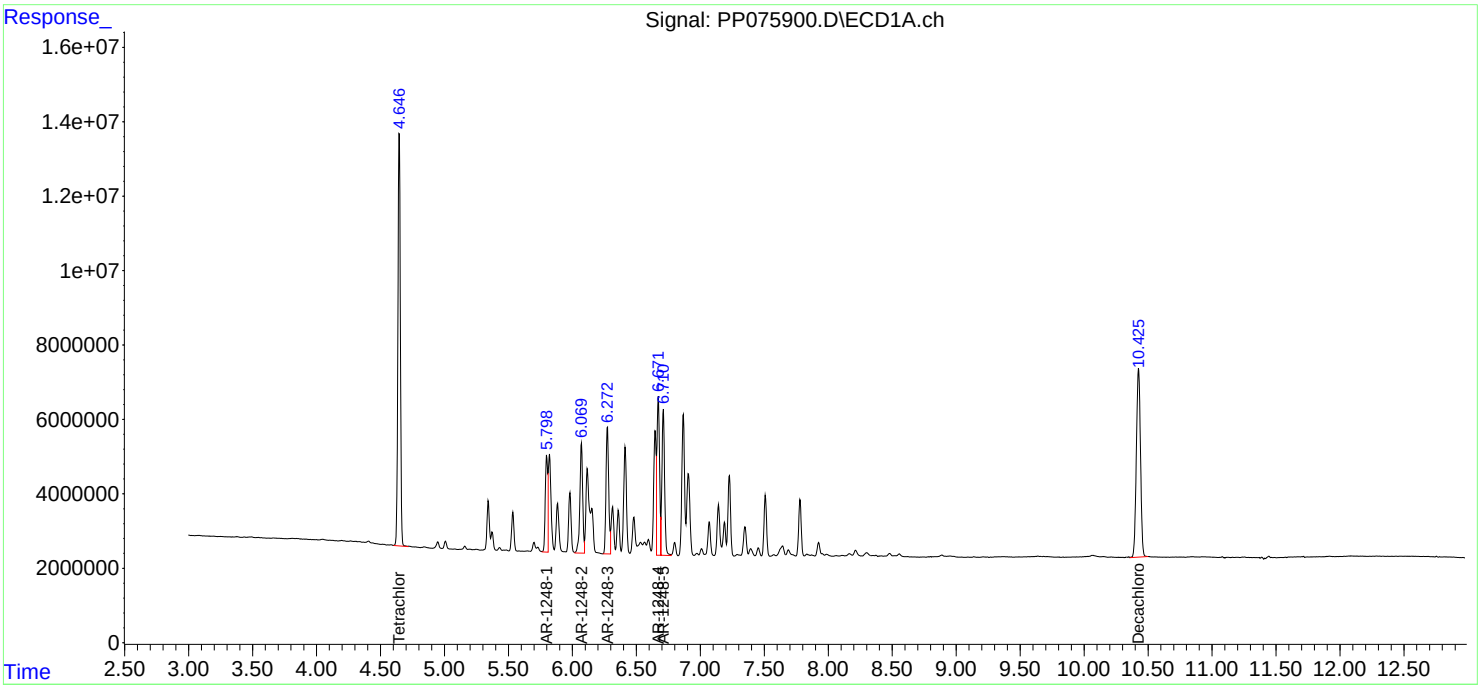
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC1000

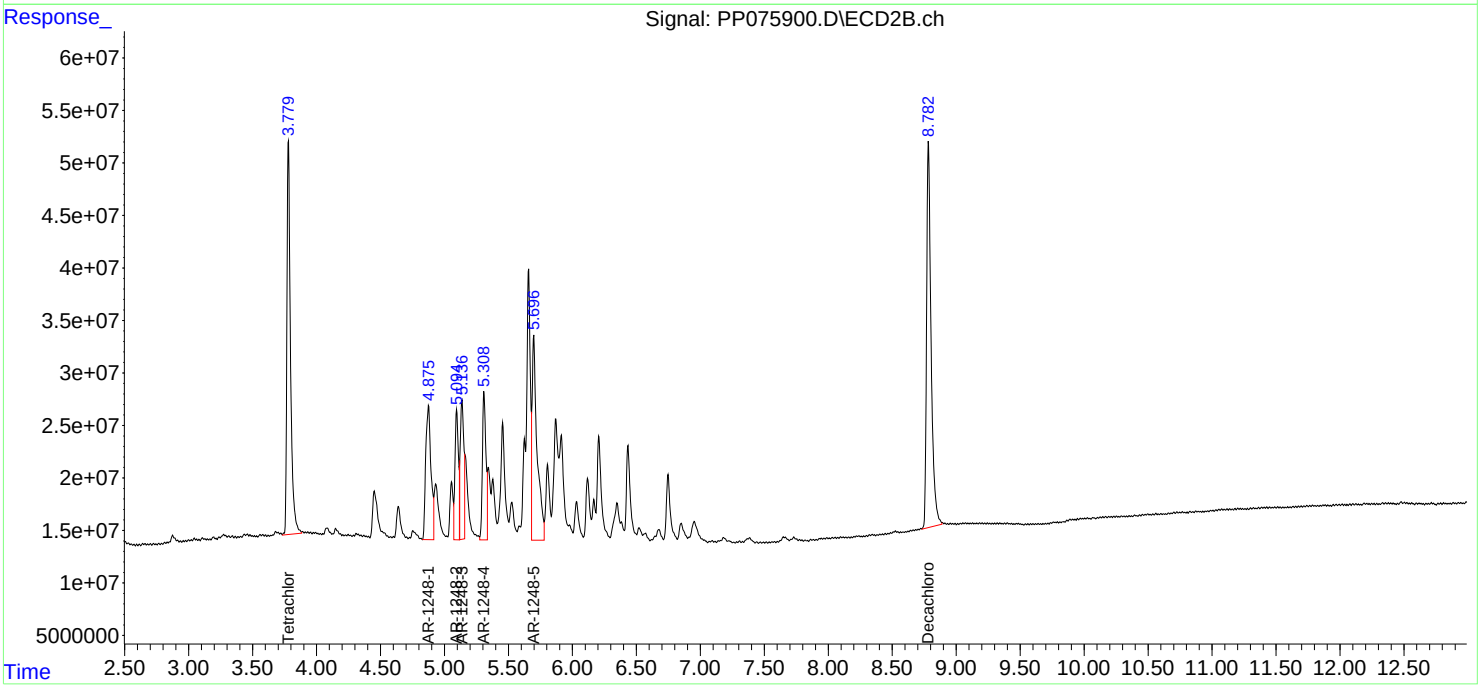
**Manual Integrations APPROVED**

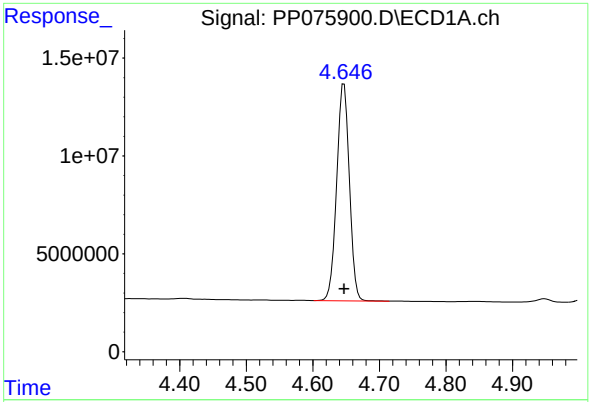
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 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





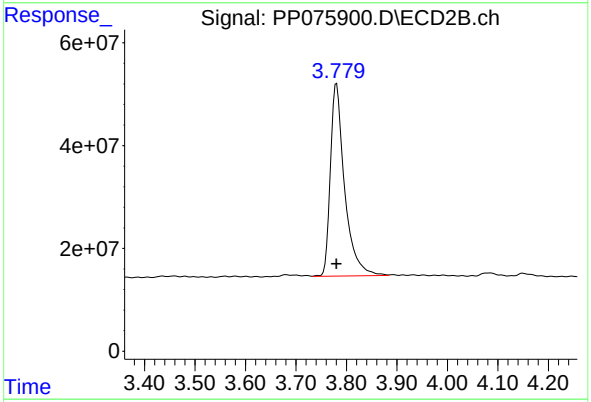

#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 146870104
Conc: 97.04 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC1000

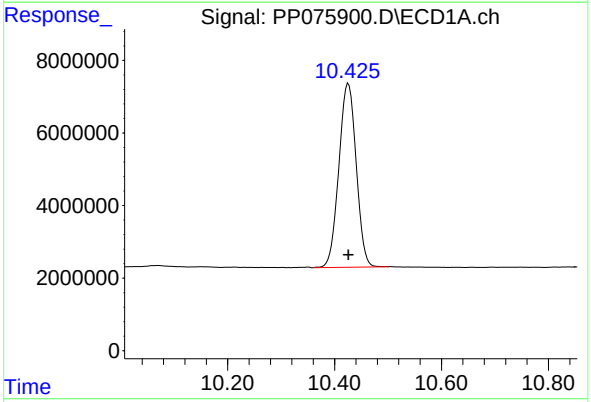
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



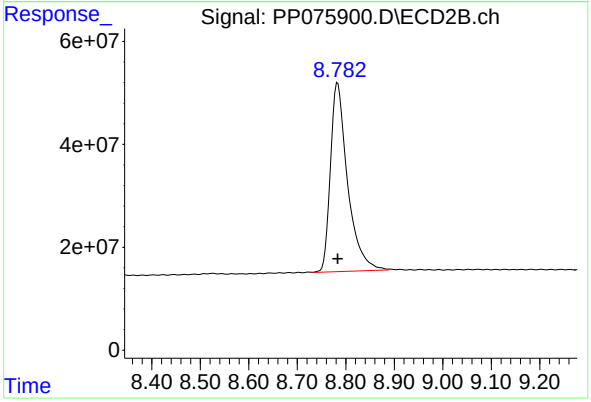

#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 734392673
Conc: 99.40 ng/ml



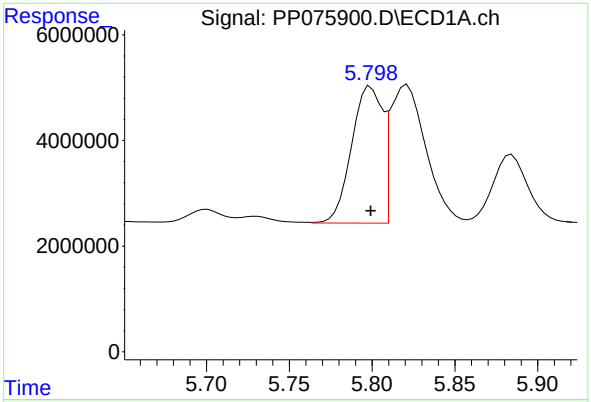

#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: 0.000 min
Response: 114063753
Conc: 95.68 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 899520487
Conc: 98.50 ng/ml



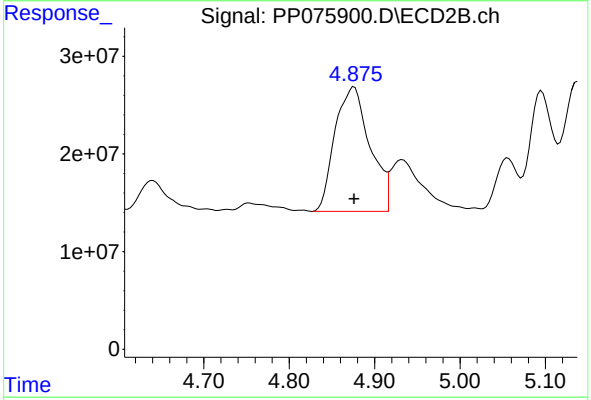

#21 AR-1248-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 33471805
Conc: 950.43 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC1000

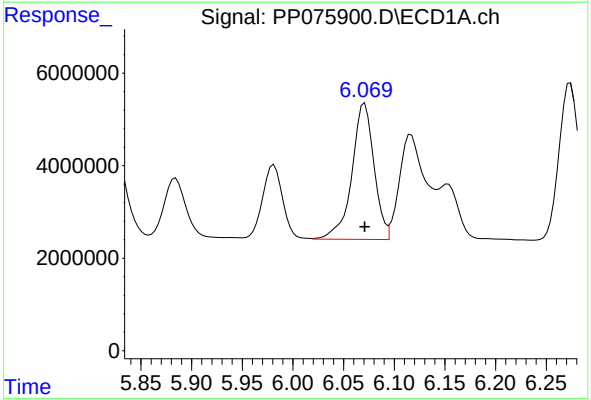
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



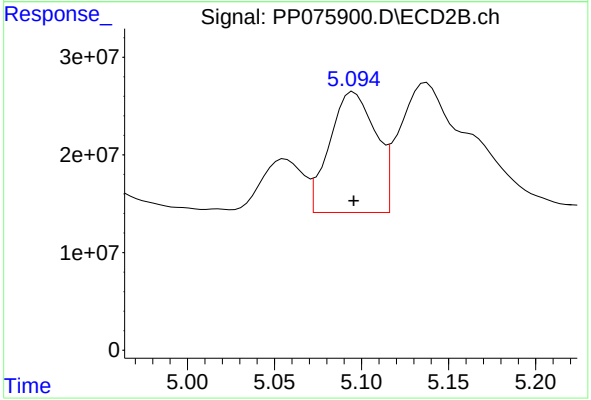

#21 AR-1248-1

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 362937087
Conc: 965.13 ng/ml



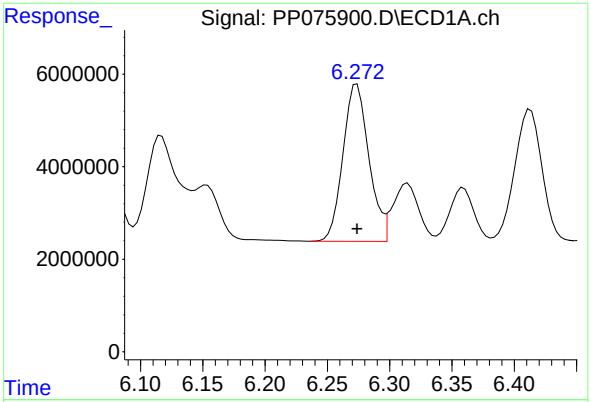

#22 AR-1248-2

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 44816839
Conc: 951.33 ng/ml




#22 AR-1248-2

R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 226906631
Conc: 964.03 ng/ml



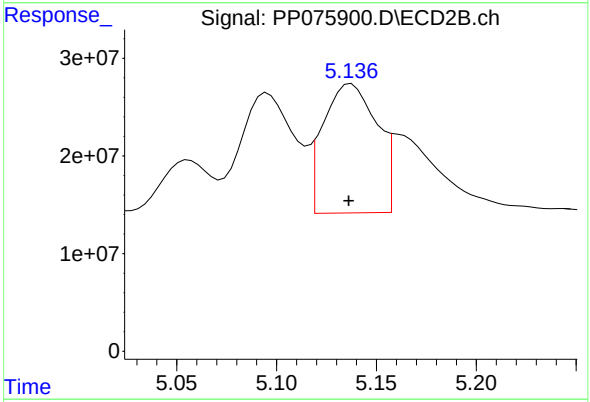

#23 AR-1248-3

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 49477903
Conc: 894.85 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC1000

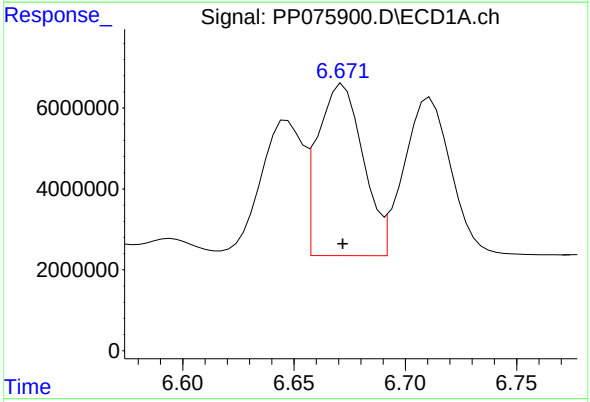
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



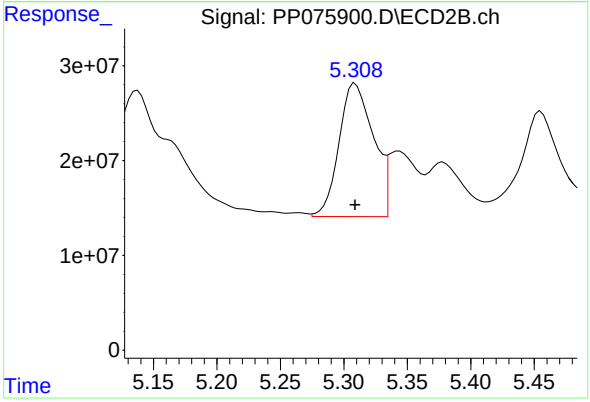

#23 AR-1248-3

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 258884180
Conc: 947.45 ng/ml m



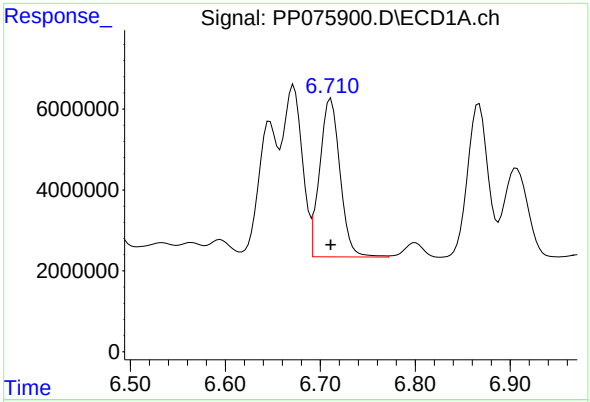

#24 AR-1248-4

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 60435029
Conc: 944.74 ng/ml




#24 AR-1248-4

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 264944699
Conc: 969.63 ng/ml



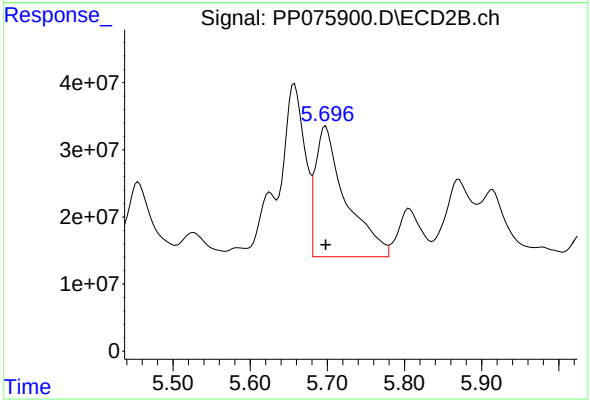

#25 AR-1248-5

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 58134534
Conc: 941.59 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC1000

**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#25 AR-1248-5

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 531974990
Conc: 994.13 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:57
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC750

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:20:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 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... | 4.644 | 3.784 | 114.7E6 | 562.2E6 | 75.534 | 75.729 |
| 2) | SA Decachlor... | 10.422 | 8.784 | 89301082 | 688.2E6 | 74.939 | 75.236 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.797 | 4.879 | 26839141 | 281.7E6 | 758.019 | 749.338 |
| 22) | L5 AR-1248-2 | 6.068 | 5.099 | 35688032 | 181.4E6 | 755.016 | 763.662 |
| 23) | L5 AR-1248-3 | 6.271 | 5.139 | 39334925 | 200.6E6 | 723.821 | 728.506m |
| 24) | L5 AR-1248-4 | 6.670 | 5.311 | 48125398 | 216.4E6 | 751.539 | 777.551 |
| 25) | L5 AR-1248-5 | 6.709 | 5.701 | 46284863 | 398.2E6 | 749.774 | 746.121 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:57
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

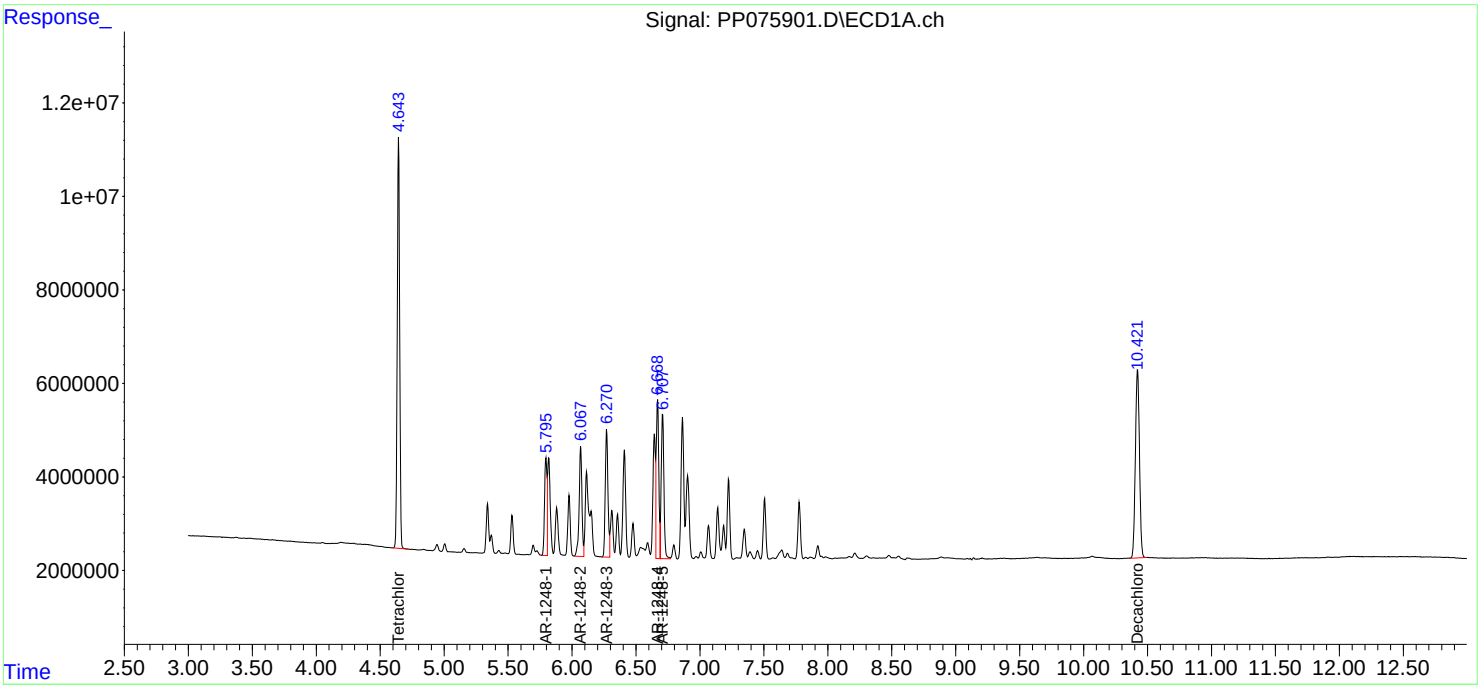
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC750

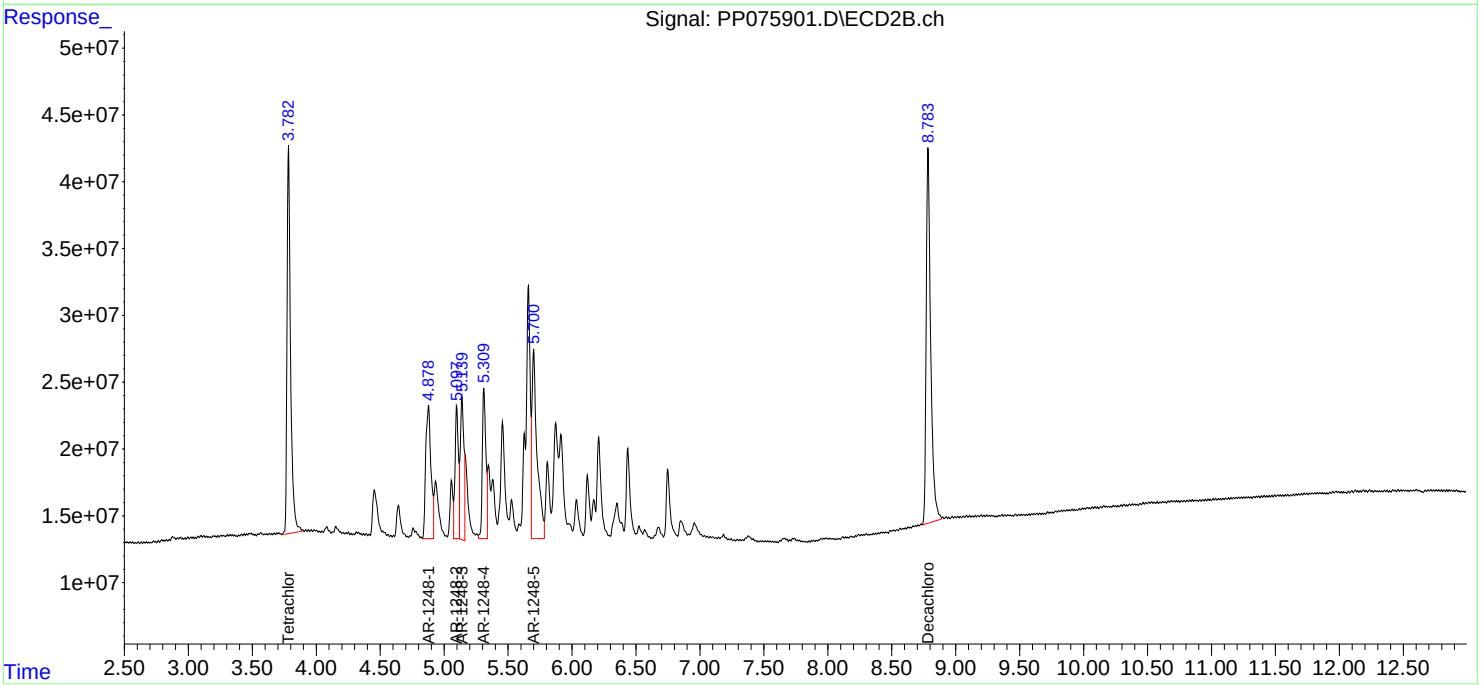
**Manual Integrations APPROVED**

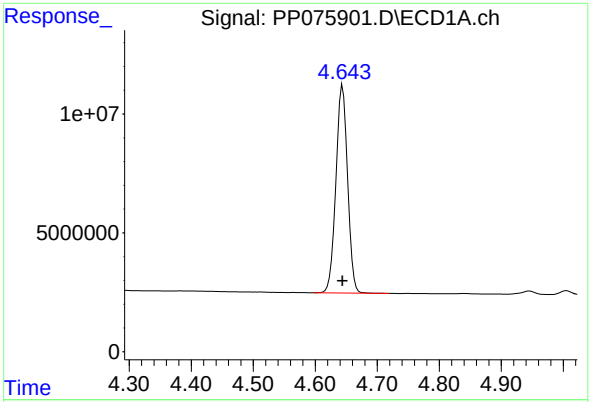
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:20:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 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





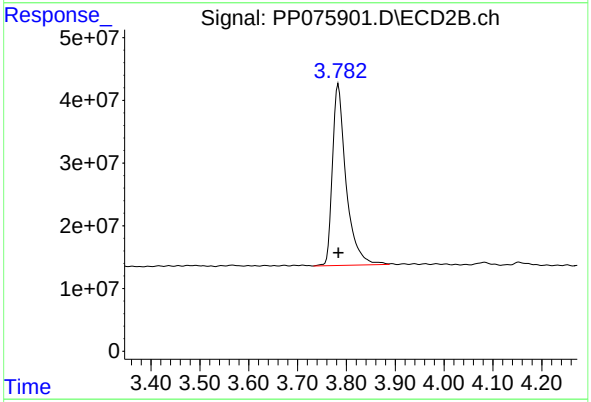

#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 114730816
Conc: 75.53 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC750

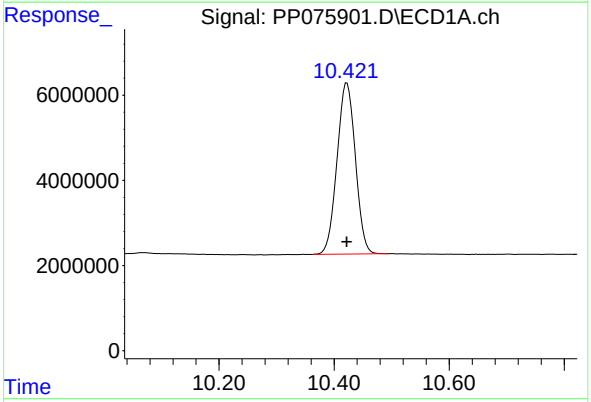
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



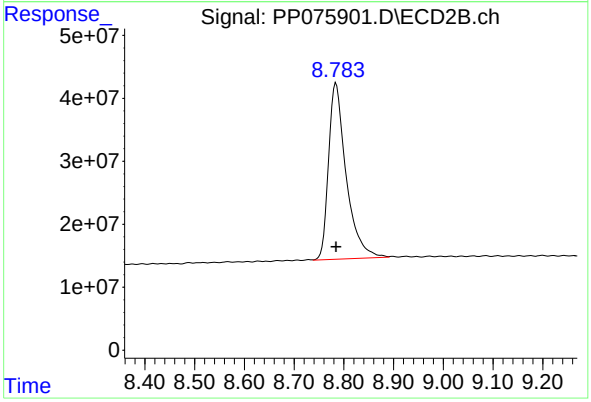

#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 562221293
Conc: 75.73 ng/ml



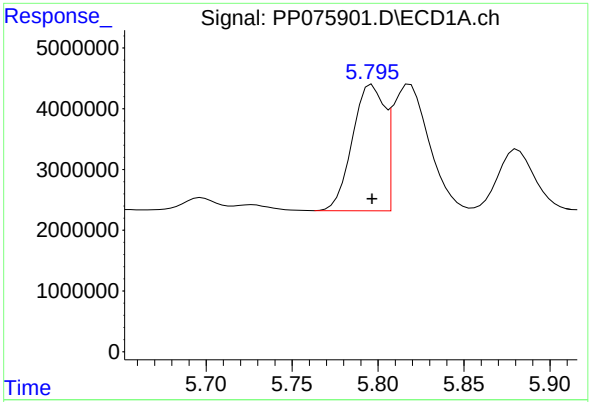

#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 89301082
Conc: 74.94 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 688178922
Conc: 75.24 ng/ml



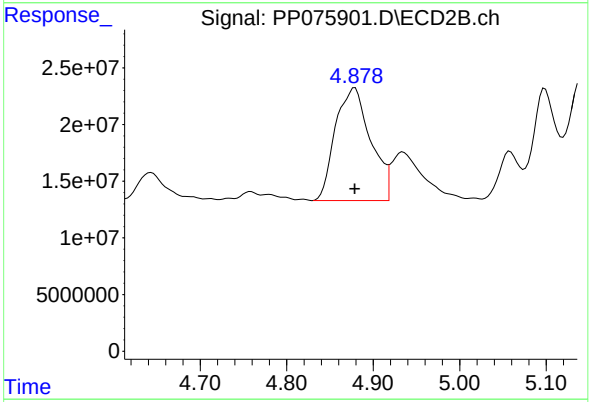

#21 AR-1248-1

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 26839141
Conc: 758.02 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC750

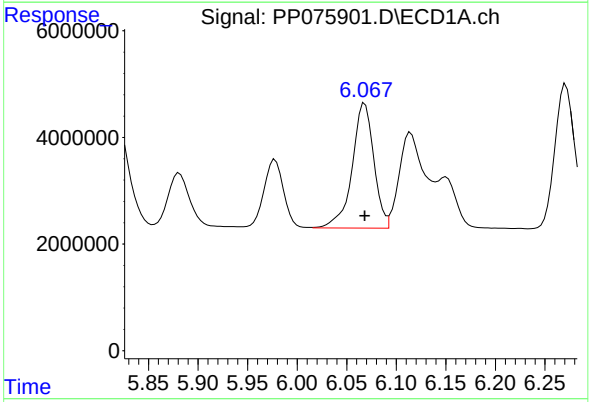
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



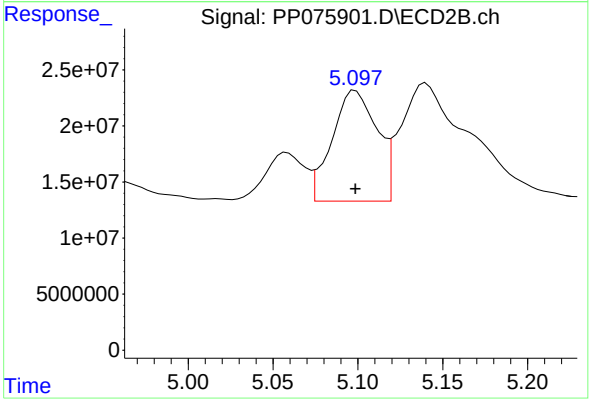

#21 AR-1248-1

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 281663359
Conc: 749.34 ng/ml



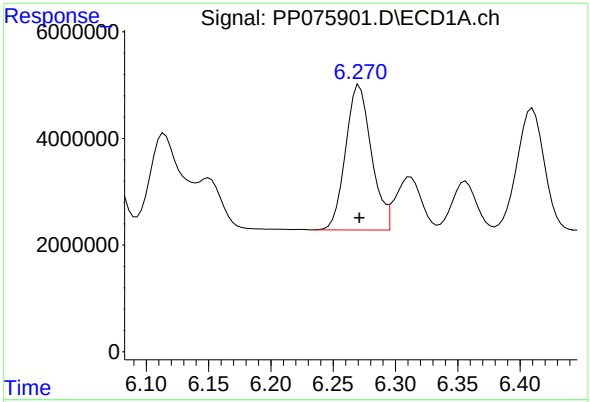

#22 AR-1248-2

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 35688032
Conc: 755.02 ng/ml




#22 AR-1248-2

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 181397265
Conc: 763.66 ng/ml



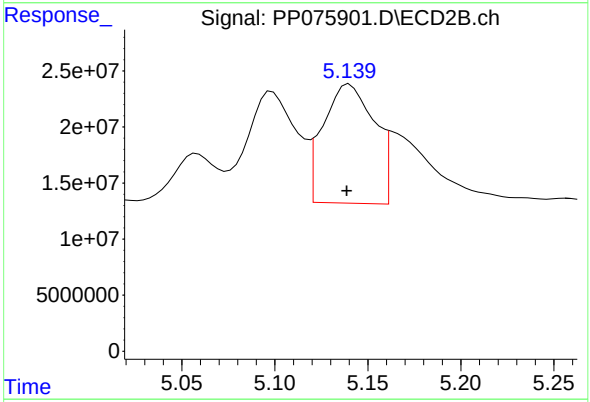

#23 AR-1248-3

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 39334925
Conc: 723.82 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC750

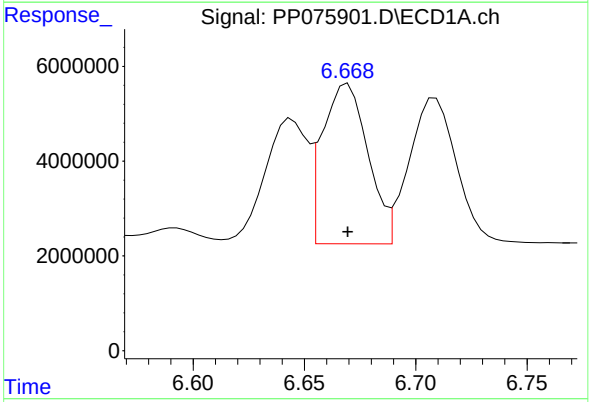
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



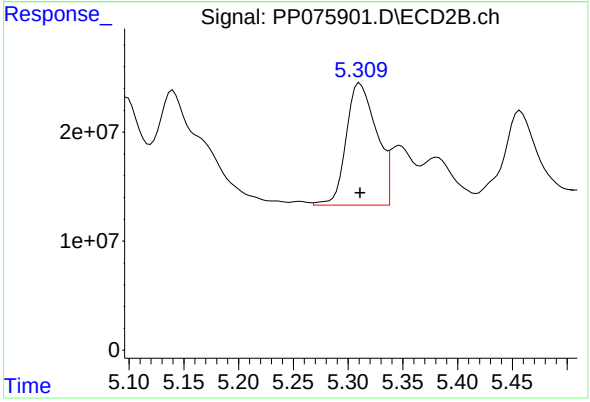

#23 AR-1248-3

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 200585505
Conc: 728.51 ng/ml m



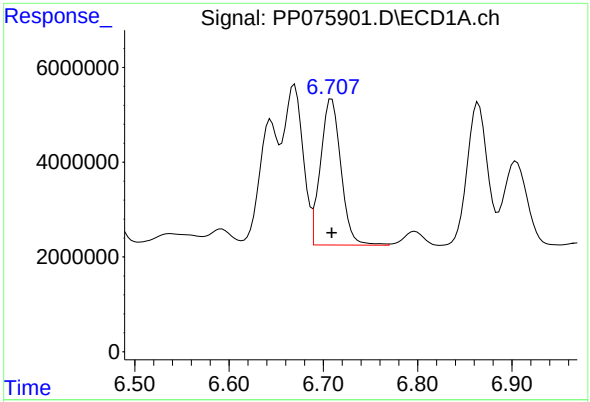

#24 AR-1248-4

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 48125398
Conc: 751.54 ng/ml




#24 AR-1248-4

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 216436626
Conc: 777.55 ng/ml



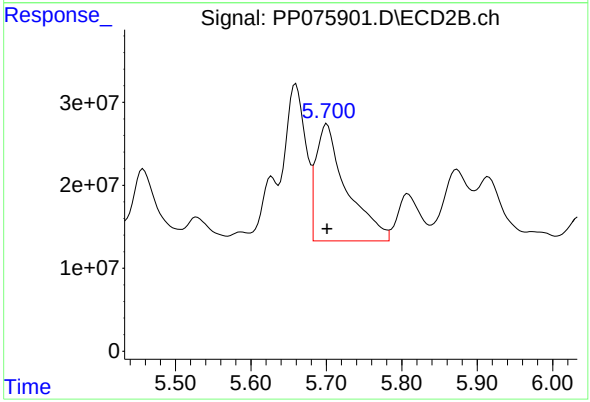

#25 AR-1248-5

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 46284863
Conc: 749.77 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC750

**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#25 AR-1248-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 398232358
Conc: 746.12 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:13
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:13:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 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... | 4.645 | 3.784 | 77916247 | 371.6E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.424 | 8.784 | 62181174 | 463.5E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.798 | 4.877 | 18481760 | 194.6E6 | 500.000 | 500.000 |
| 22) | L5 AR-1248-2 | 6.069 | 5.098 | 24701455 | 121.9E6 | 500.000 | 500.000 |
| 23) | L5 AR-1248-3 | 6.273 | 5.138 | 30552968 | 143.0E6 | 500.000 | 491.112m |
| 24) | L5 AR-1248-4 | 6.671 | 5.312 | 33752591 | 140.8E6 | 500.000 | 500.000 |
| 25) | L5 AR-1248-5 | 6.710 | 5.701 | 32673818 | 269.1E6 | 500.000 | 500.000 |

(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_P\Data\PP102125\
Data File : PP075902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:13
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

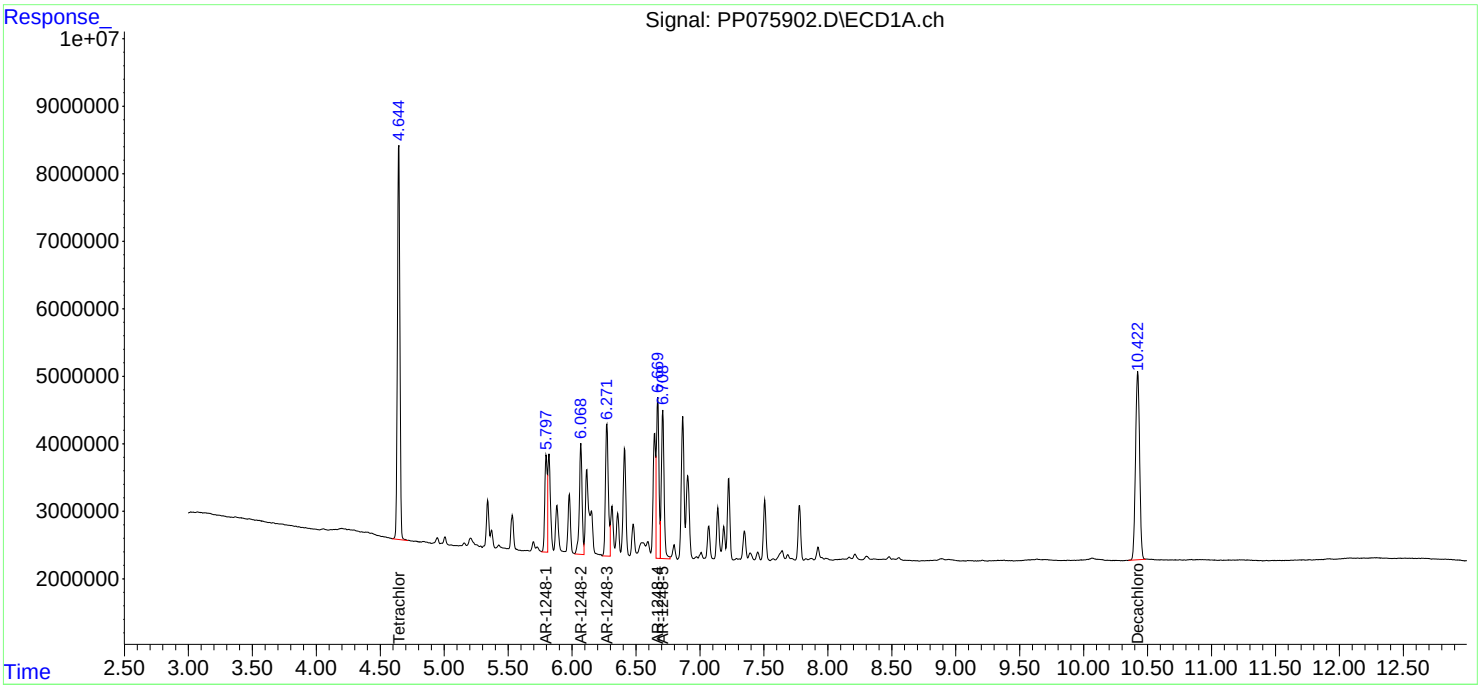
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC500

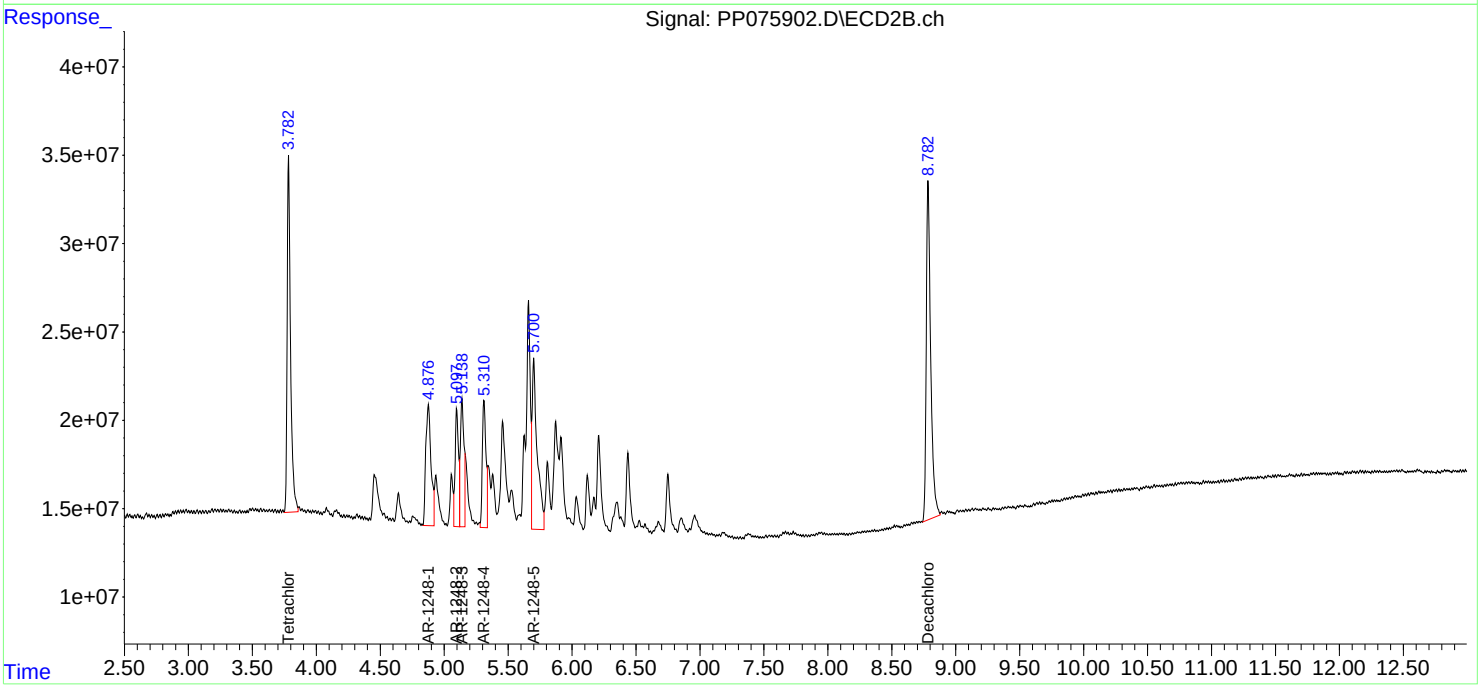
**Manual Integrations APPROVED**

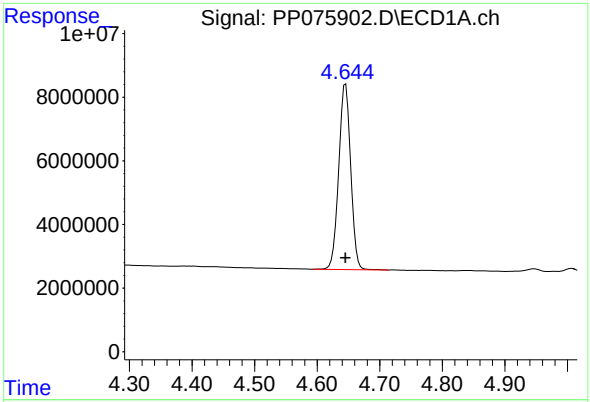
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:13:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 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





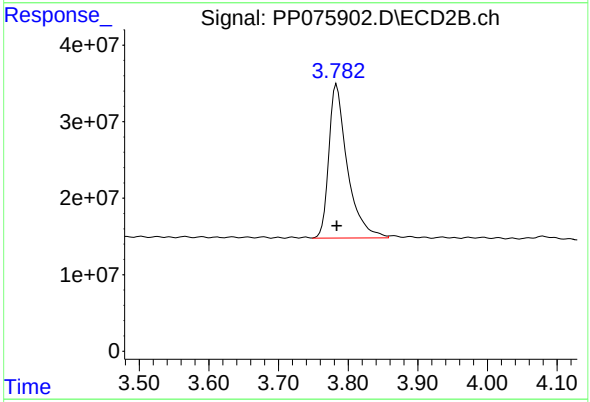

#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 77916247
Conc: 50.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC500

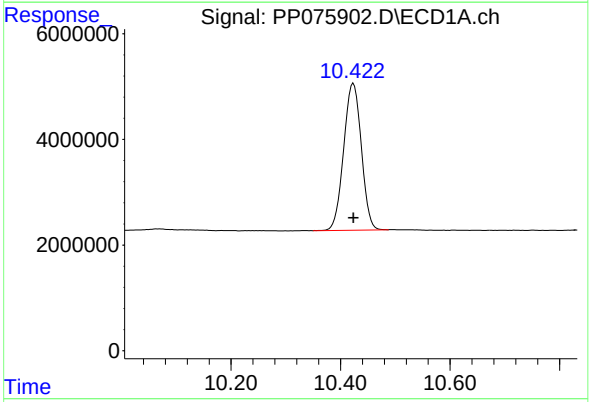
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



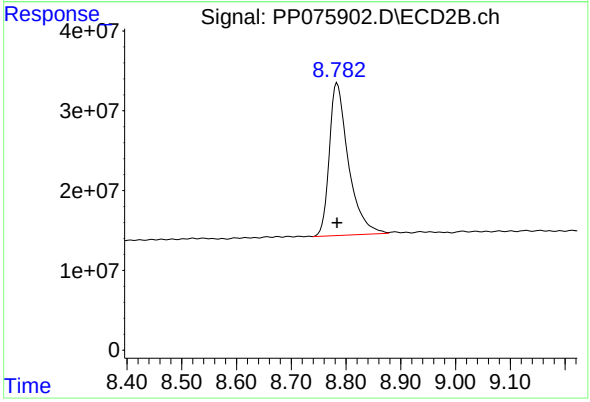

#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 371607855
Conc: 50.00 ng/ml



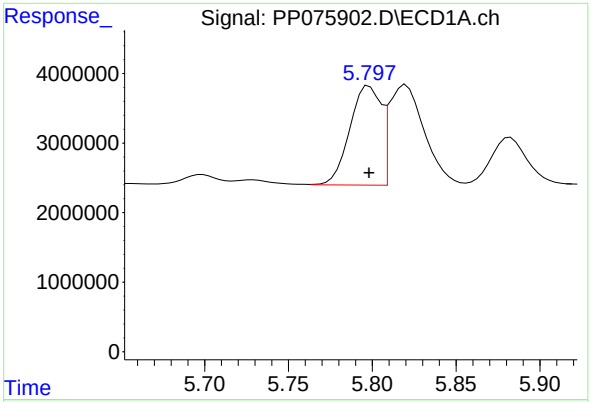

#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 62181174
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 463498702
Conc: 50.00 ng/ml



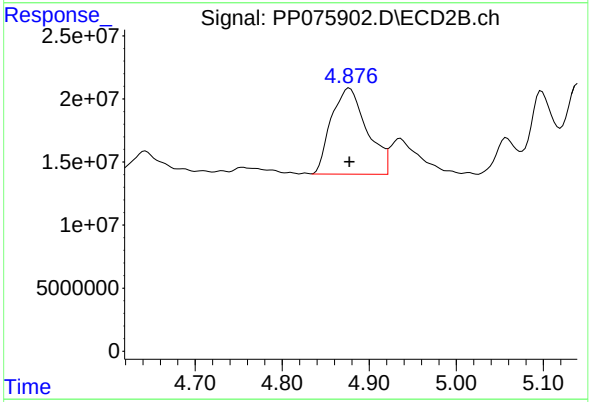

#21 AR-1248-1

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 18481760
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC500

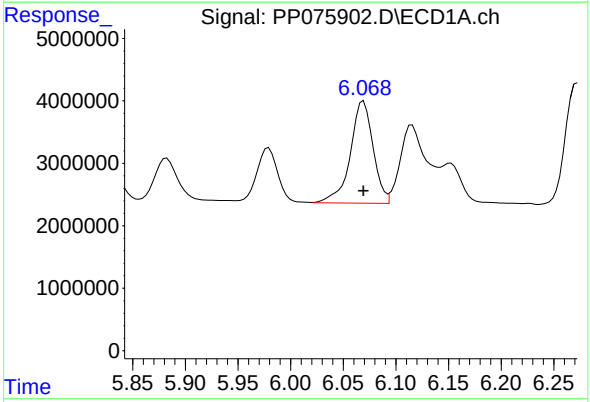
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



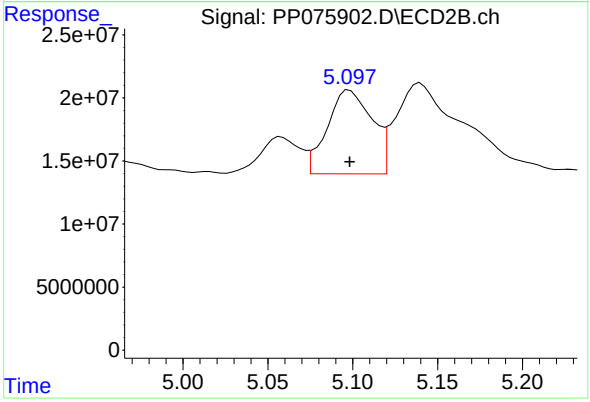

#21 AR-1248-1

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 194580429
Conc: 500.00 ng/ml



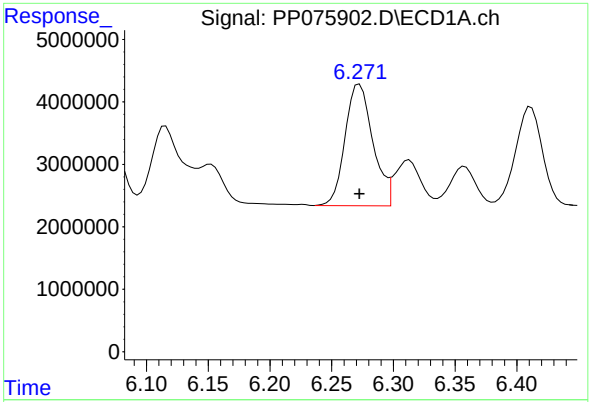

#22 AR-1248-2

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 24701455
Conc: 500.00 ng/ml




#22 AR-1248-2

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 121919207
Conc: 500.00 ng/ml



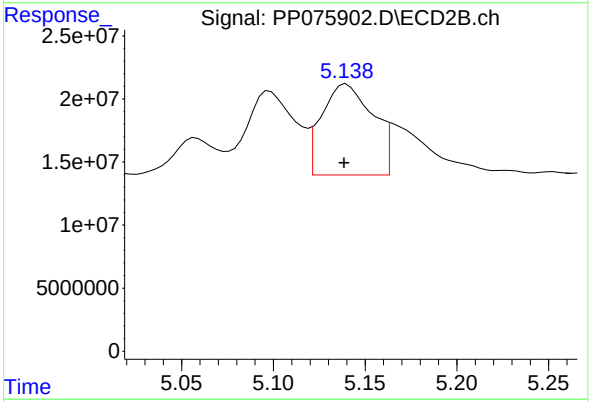

#23 AR-1248-3

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 30552968
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC500

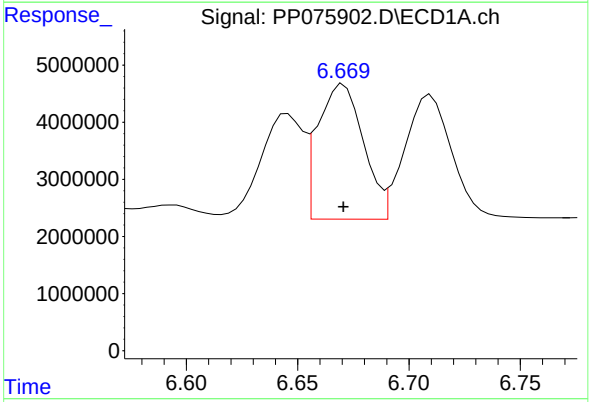
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



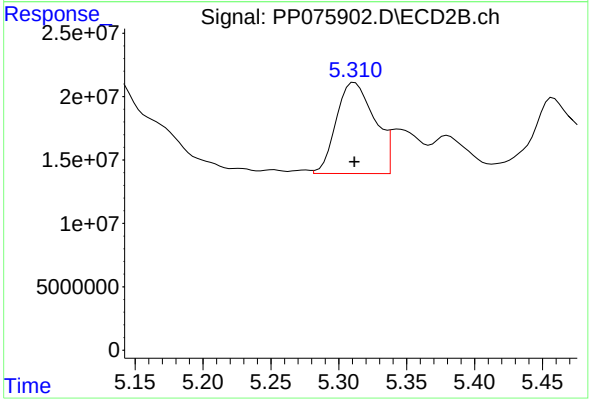

#23 AR-1248-3

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 143020593
Conc: 491.11 ng/ml m



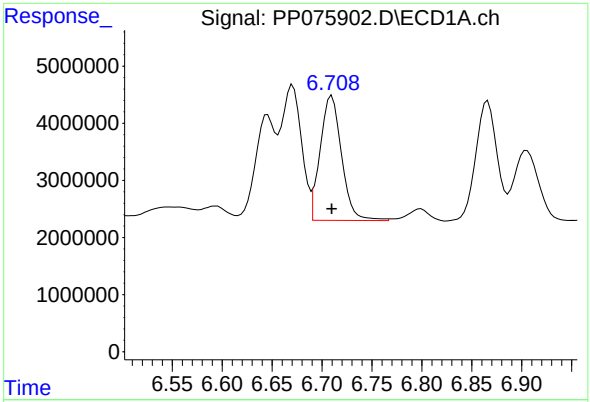

#24 AR-1248-4

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 33752591
Conc: 500.00 ng/ml




#24 AR-1248-4

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 140771774
Conc: 500.00 ng/ml



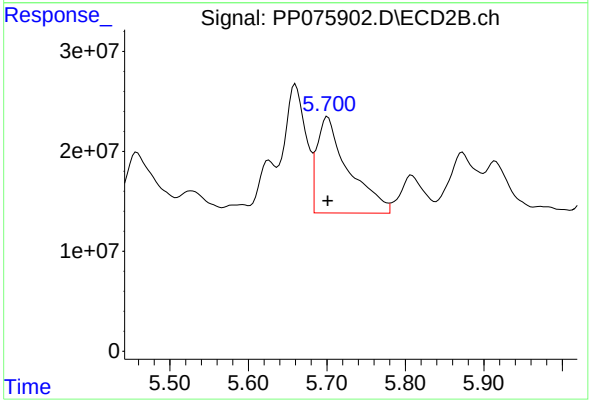

#25 AR-1248-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 32673818
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#25 AR-1248-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 269130164
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:30
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC250

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 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... | 4.646 | 3.783 | 40662408 | 178.1E6 | 26.305 | 24.238 |
| 2) | SA Decachlor... | 10.423 | 8.784 | 32672168 | 226.3E6 | 26.770 | 24.802 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.799 | 4.878 | 9780476 | 97652835 | 269.170 | 257.276 |
| 22) | L5 AR-1248-2 | 6.070 | 5.099 | 13110467 | 64450290 | 269.977 | 265.662 |
| 23) | L5 AR-1248-3 | 6.273 | 5.138 | 14333820 | 75193193 | 260.182 | 273.023m |
| 24) | L5 AR-1248-4 | 6.671 | 5.312 | 18043522 | 71202640 | 273.096 | 254.322 |
| 25) | L5 AR-1248-5 | 6.710 | 5.701 | 17824378 | 145.0E6 | 277.971 | 265.917 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:30
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

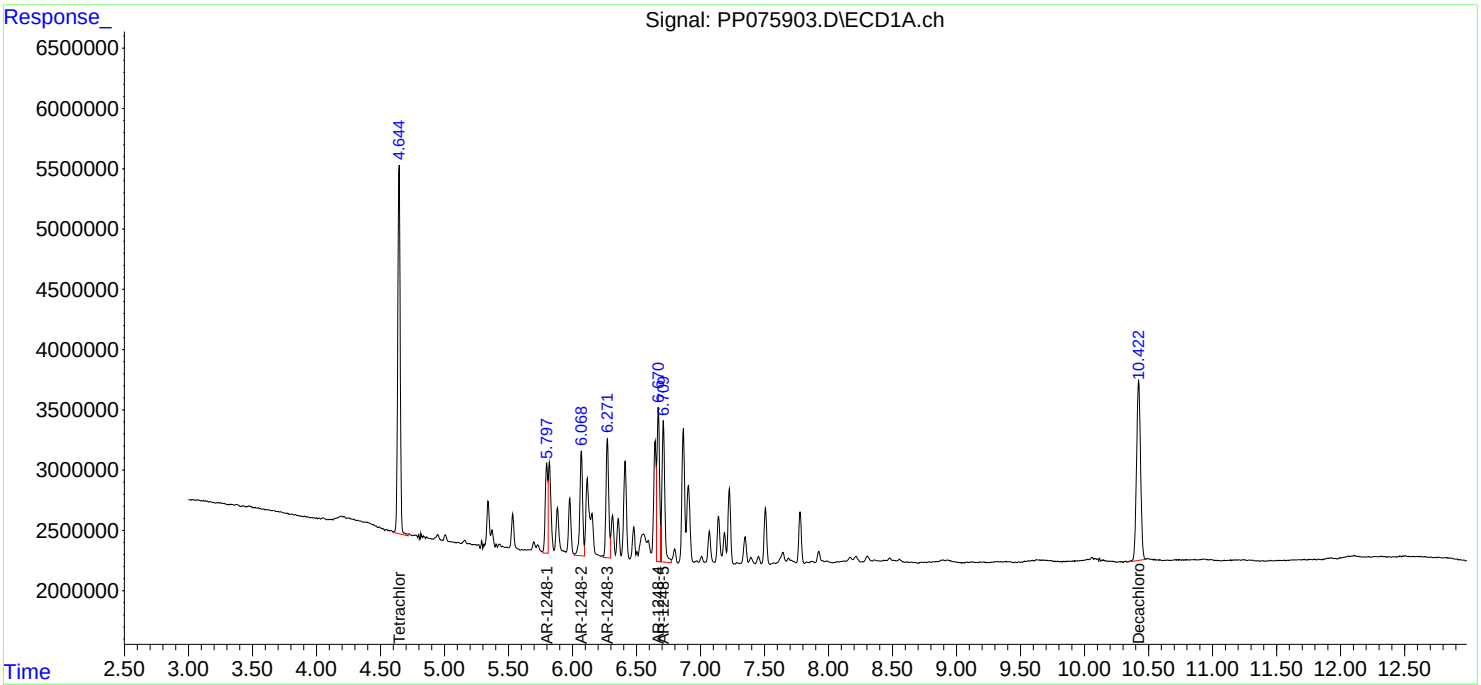
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC250

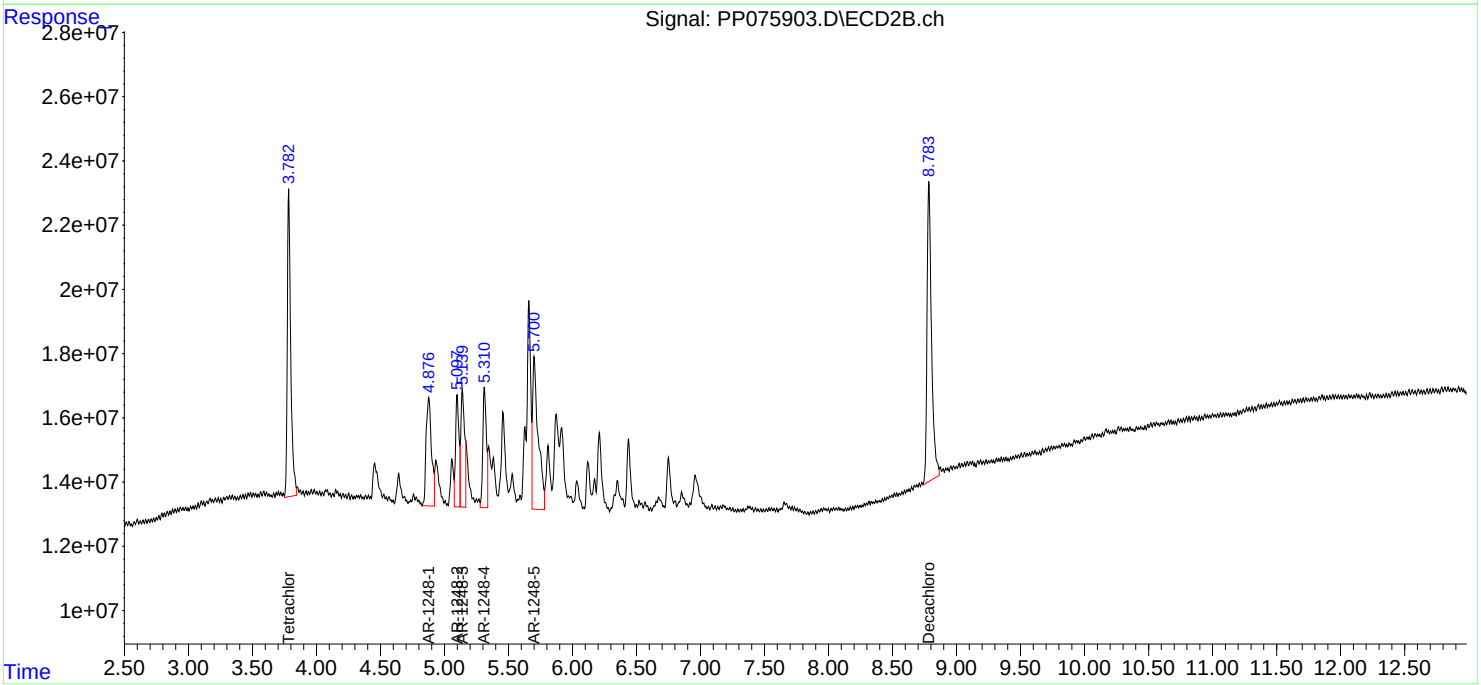
**Manual Integrations APPROVED**

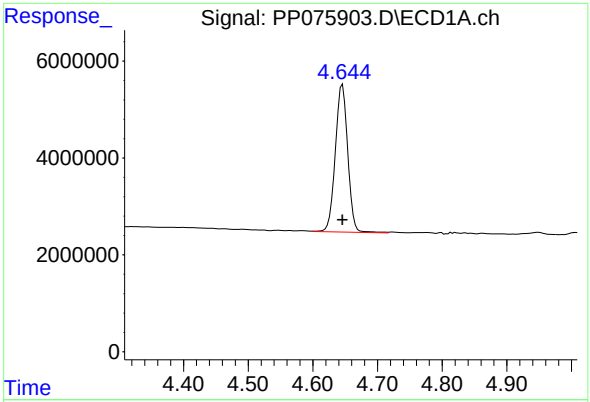
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 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





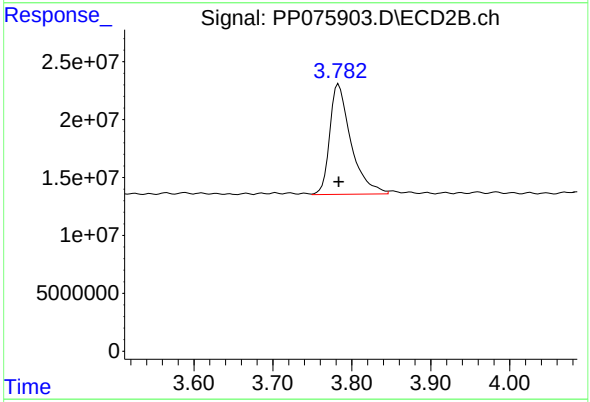

#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 40662408
Conc: 26.30 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC250

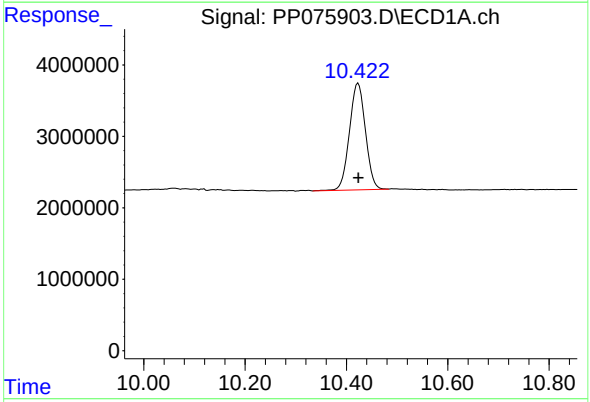
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



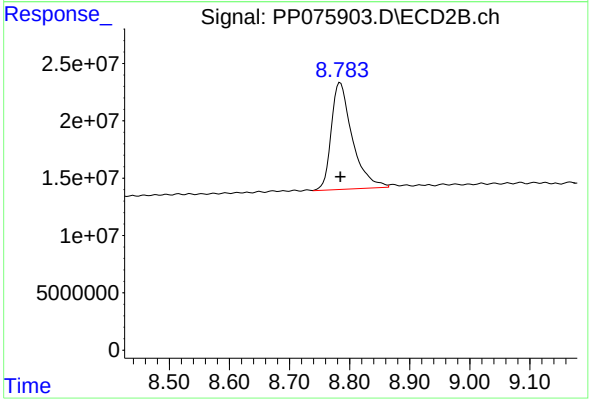

#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 178134040
Conc: 24.24 ng/ml



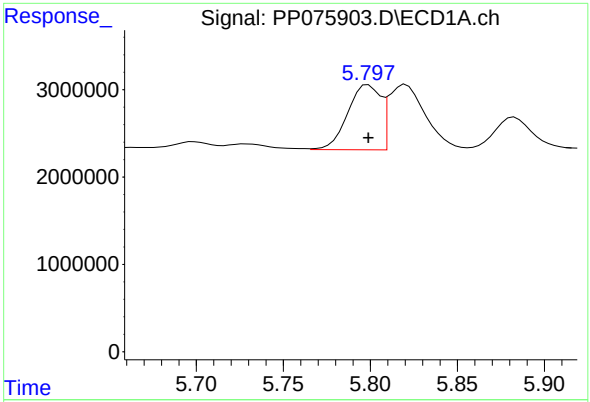

#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.000 min
Response: 32672168
Conc: 26.77 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 226265629
Conc: 24.80 ng/ml



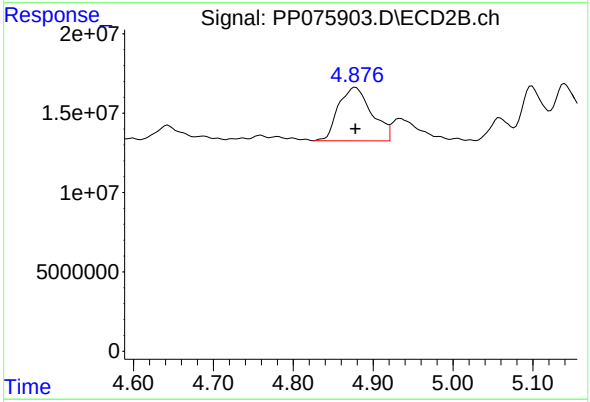

#21 AR-1248-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 9780476
Conc: 269.17 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC250

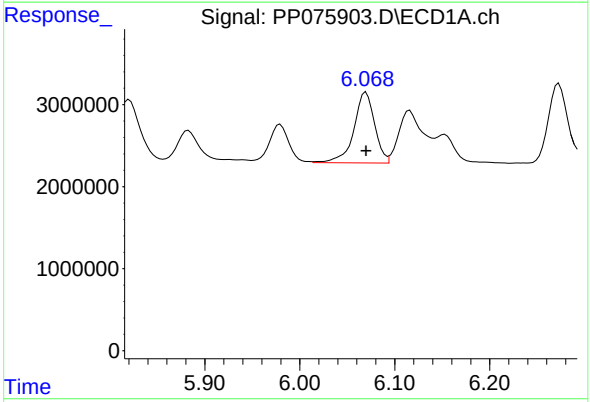
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



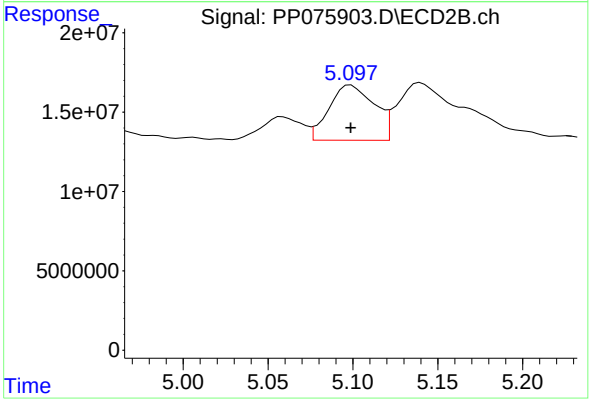

#21 AR-1248-1

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 97652835
Conc: 257.28 ng/ml



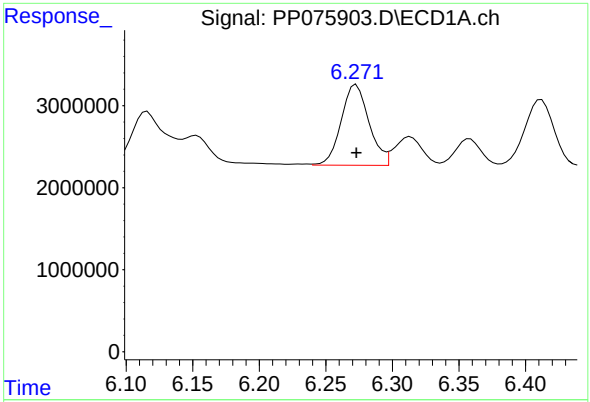

#22 AR-1248-2

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 13110467
Conc: 269.98 ng/ml




#22 AR-1248-2

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 64450290
Conc: 265.66 ng/ml



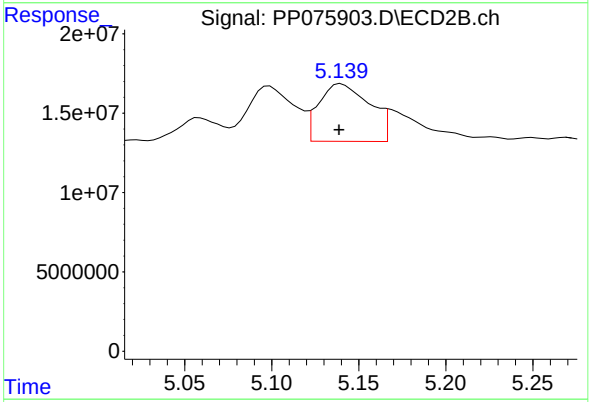

#23 AR-1248-3

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 14333820
Conc: 260.18 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC250

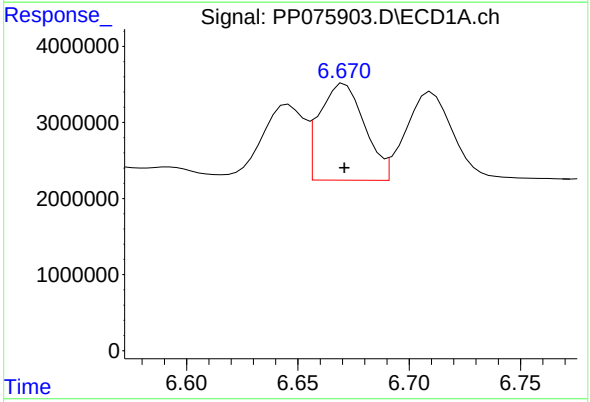
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



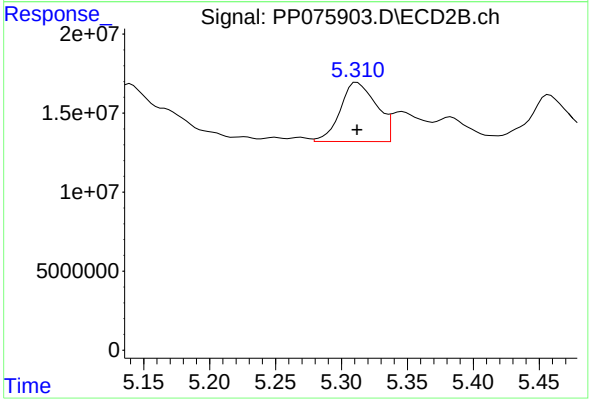

#23 AR-1248-3

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 75193193
Conc: 273.02 ng/ml m



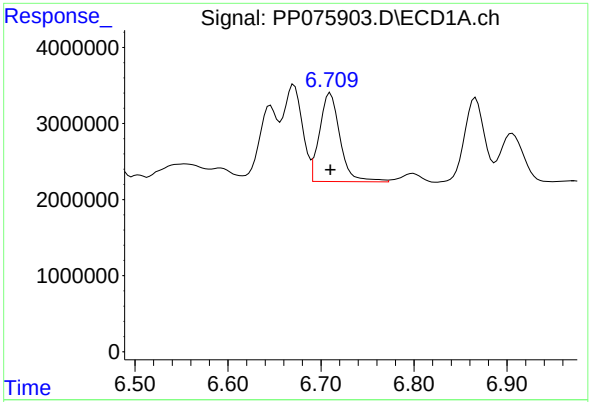

#24 AR-1248-4

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 18043522
Conc: 273.10 ng/ml




#24 AR-1248-4

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 71202640
Conc: 254.32 ng/ml



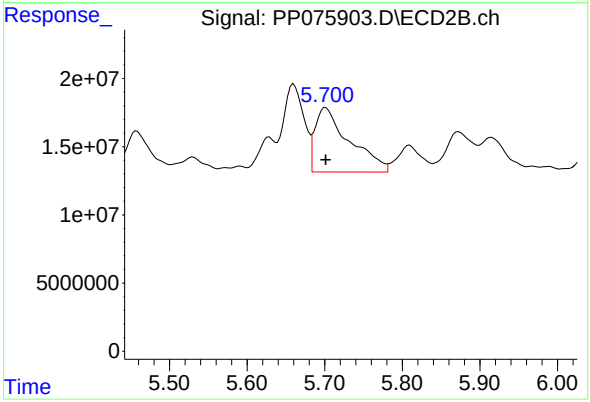

#25 AR-1248-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 17824378
Conc: 277.97 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC250

**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#25 AR-1248-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 145007619
Conc: 265.92 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:46
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:29:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 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... | 4.645 | 3.780 | 7254273 | 27080772 | 4.751 | 3.914m |
| 2) | SA Decachlor... | 10.422 | 8.783 | 6253432 | 36720401 | 5.099 | 4.188 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.798 | 4.873 | 1700512 | 17991268 | 47.407 | 47.898 |
| 22) | L5 AR-1248-2 | 6.069 | 5.101 | 2473817 | 12956514 | 50.751 | 52.688 |
| 23) | L5 AR-1248-3 | 6.273 | 5.138 | 2547901 | 16065921 | 46.953 | 56.000 |
| 24) | L5 AR-1248-4 | 6.669 | 5.313 | 3376964 | 14683789 | 49.218m | 51.704m |
| 25) | L5 AR-1248-5 | 6.708 | 5.730 | 3390515 | 20852592 | 50.206m | 38.783m |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:46
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

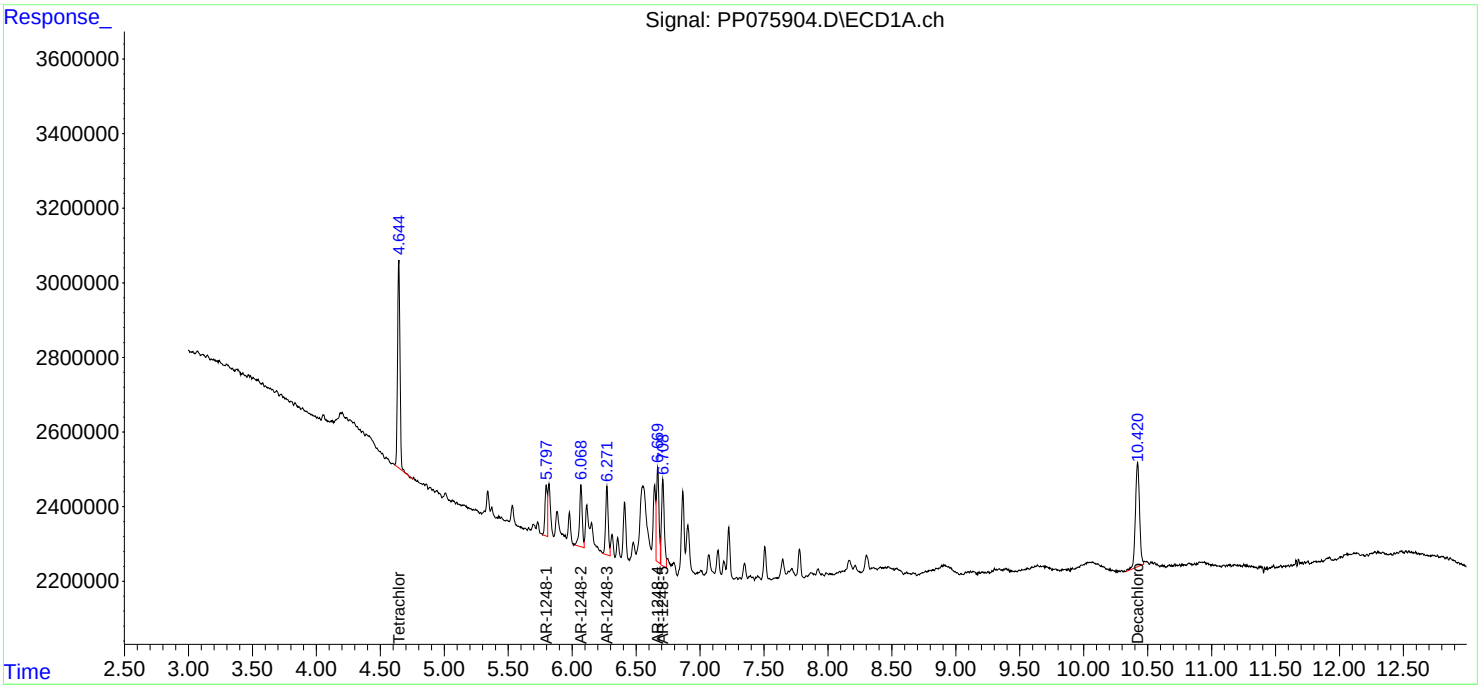
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC050

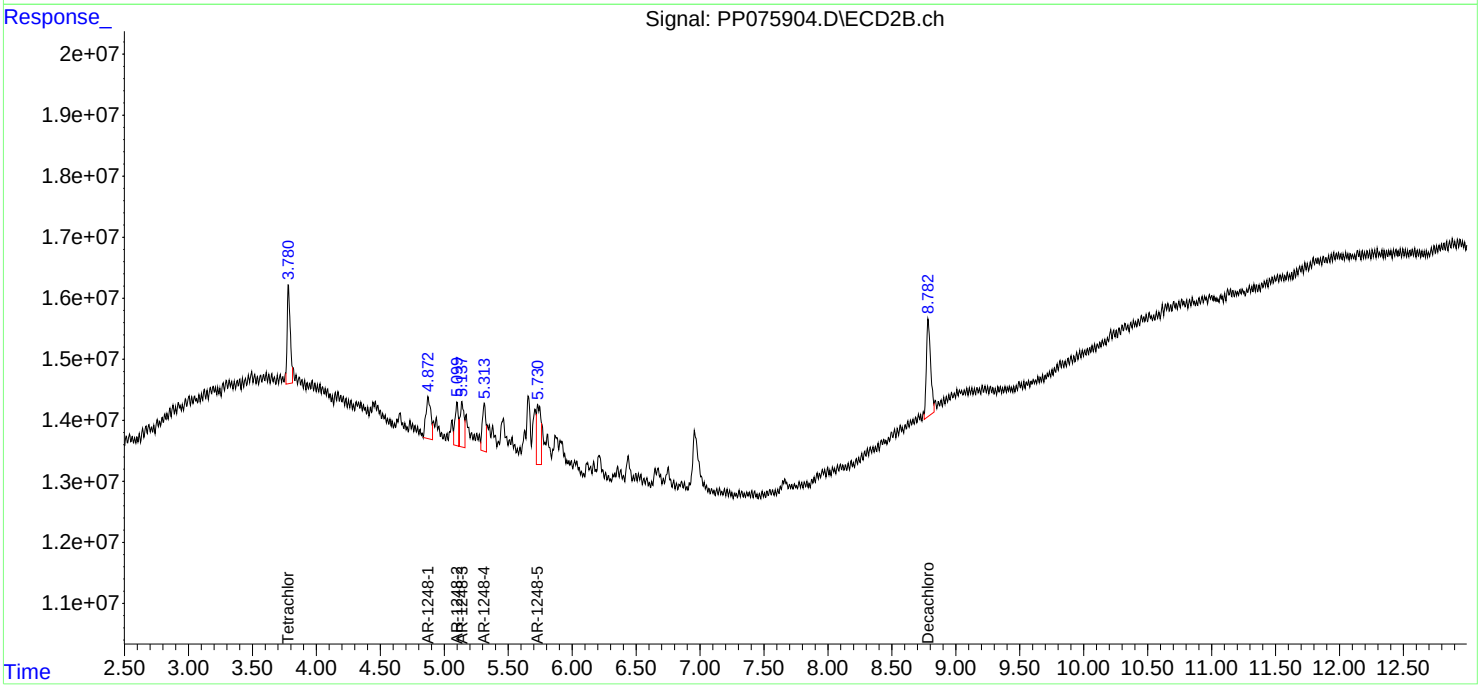
**Manual Integrations APPROVED**

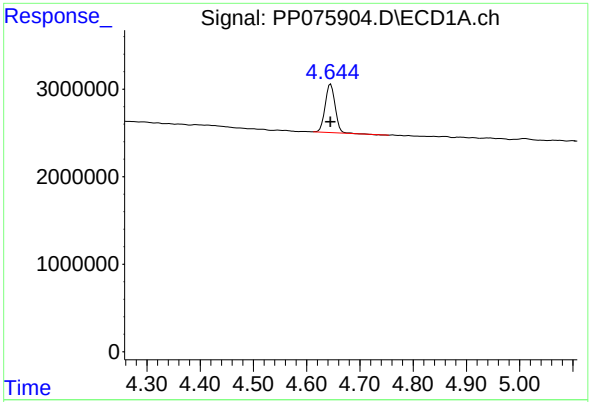
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:29:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 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





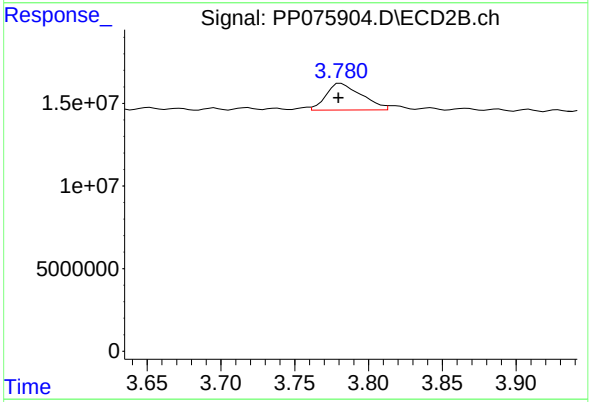

#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 7254273
Conc: 4.75 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC050

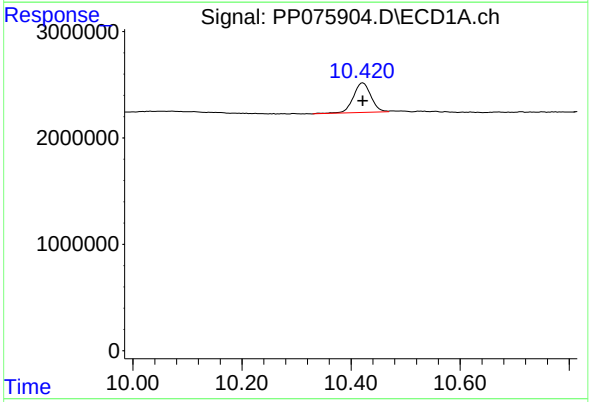
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



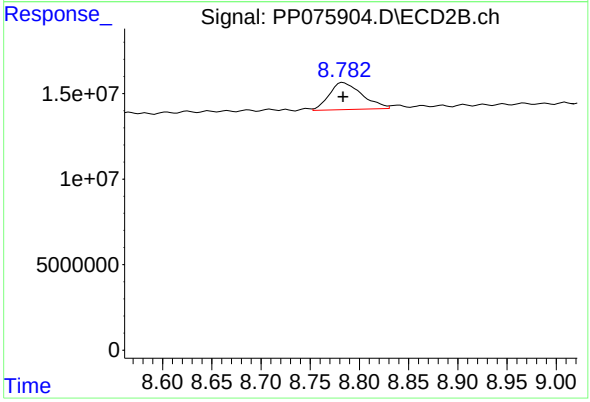

#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 27080772
Conc: 3.91 ng/ml m



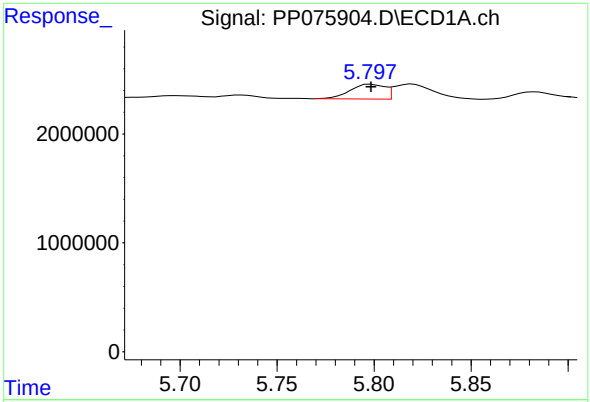

#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 6253432
Conc: 5.10 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 36720401
Conc: 4.19 ng/ml



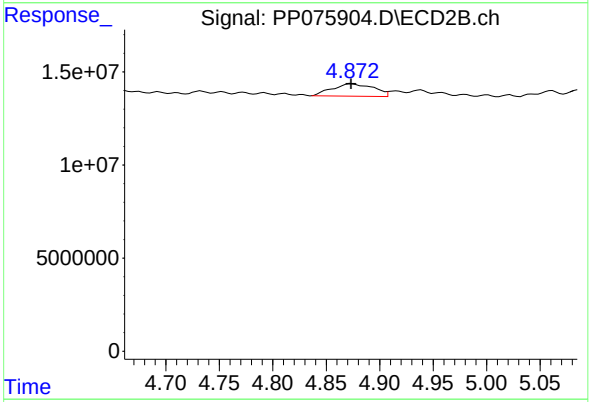

#21 AR-1248-1

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 1700512
Conc: 47.41 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC050

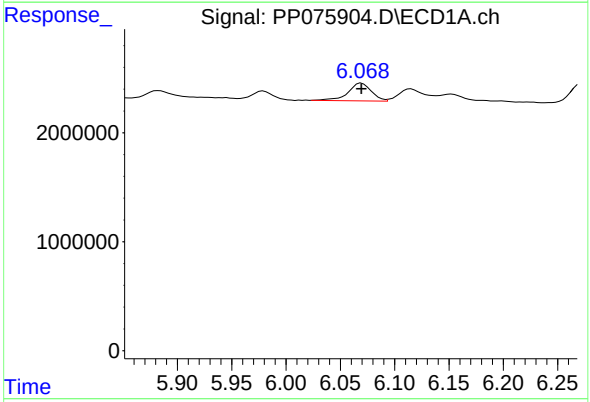
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



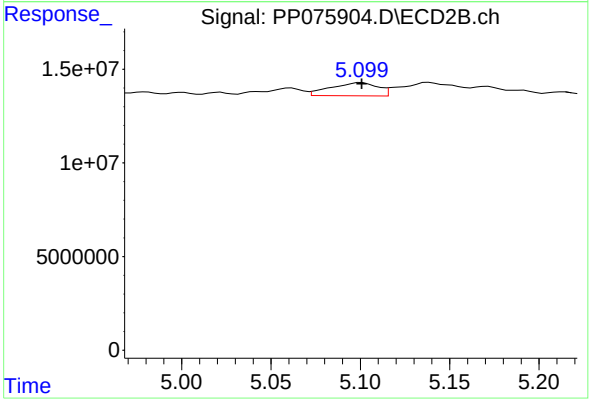

#21 AR-1248-1

R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 17991268
Conc: 47.90 ng/ml



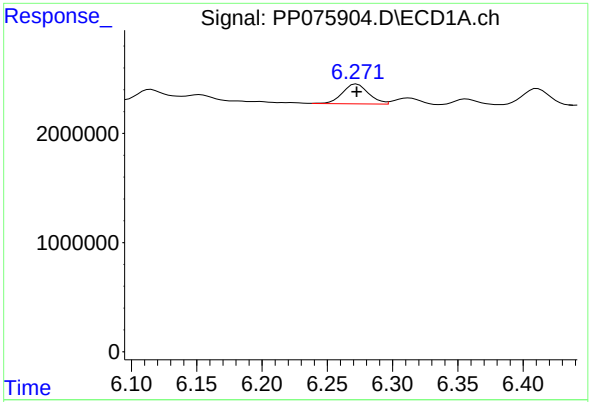

#22 AR-1248-2

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 2473817
Conc: 50.75 ng/ml




#22 AR-1248-2

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 12956514
Conc: 52.69 ng/ml



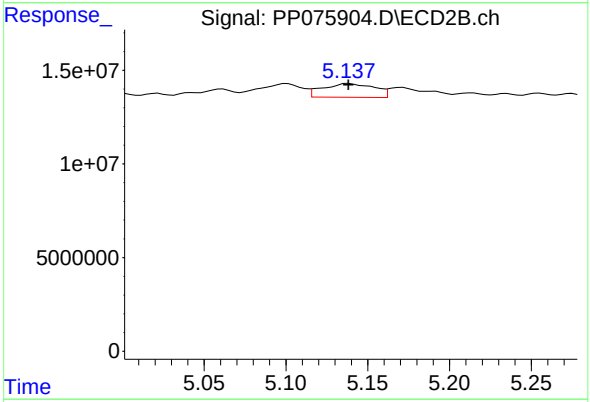

#23 AR-1248-3

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 2547901
Conc: 46.95 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC050

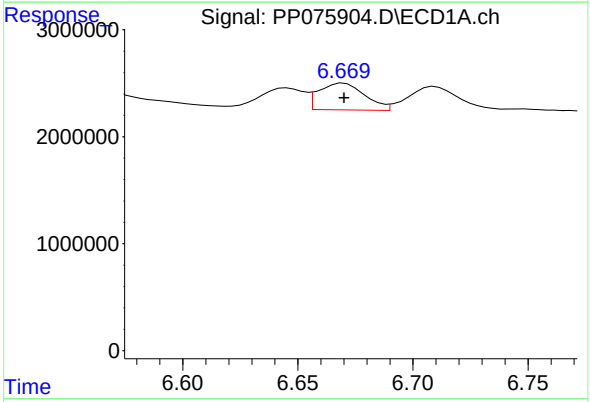
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



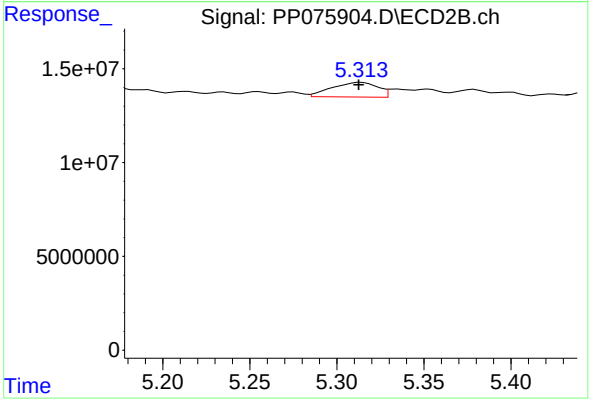

#23 AR-1248-3

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 16065921
Conc: 56.00 ng/ml



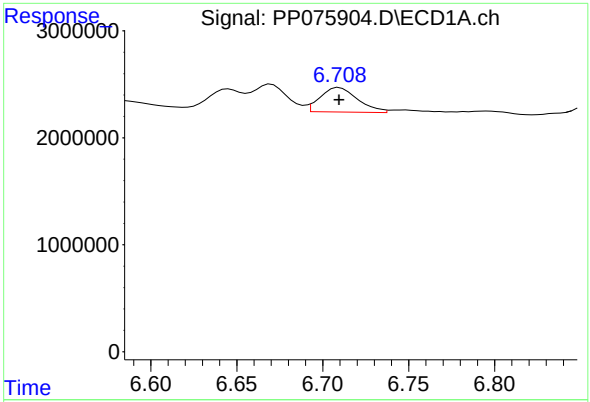

#24 AR-1248-4

R.T.: 6.669 min
Delta R.T.: -0.001 min
Response: 3376964
Conc: 49.22 ng/ml m




#24 AR-1248-4

R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 14683789
Conc: 51.70 ng/ml m



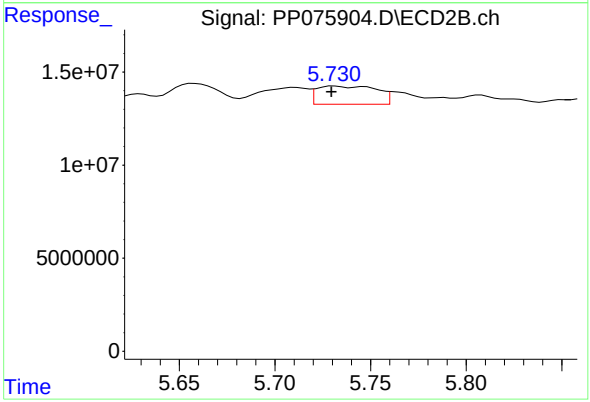

#25 AR-1248-5

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 3390515
Conc: 50.21 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#25 AR-1248-5

R.T.: 5.730 min
Delta R.T.: 0.000 min
Response: 20852592
Conc: 38.78 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC1000

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 15:57:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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... | 4.646 | 3.783 | 149.9E6 | 746.7E6 | 97.273 | 98.623 |
| 2) | SA Decachlor... | 10.424 | 8.784 | 119.5E6 | 929.4E6 | 95.942 | 97.673 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.646 | 5.662 | 66261960 | 570.9E6 | 872.670m | 970.606 |
| 27) | L6 AR-1254-2 | 6.864 | 5.809 | 87851253 | 484.3E6 | 952.211 | 965.216 |
| 28) | L6 AR-1254-3 | 7.226 | 6.211 | 92035771 | 866.8E6 | 959.587 | 985.524 |
| 29) | L6 AR-1254-4 | 7.509 | 6.437 | 73136868 | 656.6E6 | 959.001 | 987.570 |
| 30) | L6 AR-1254-5 | 7.925 | 6.854 | 85440842 | 714.9E6 | 961.668 | 997.772 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

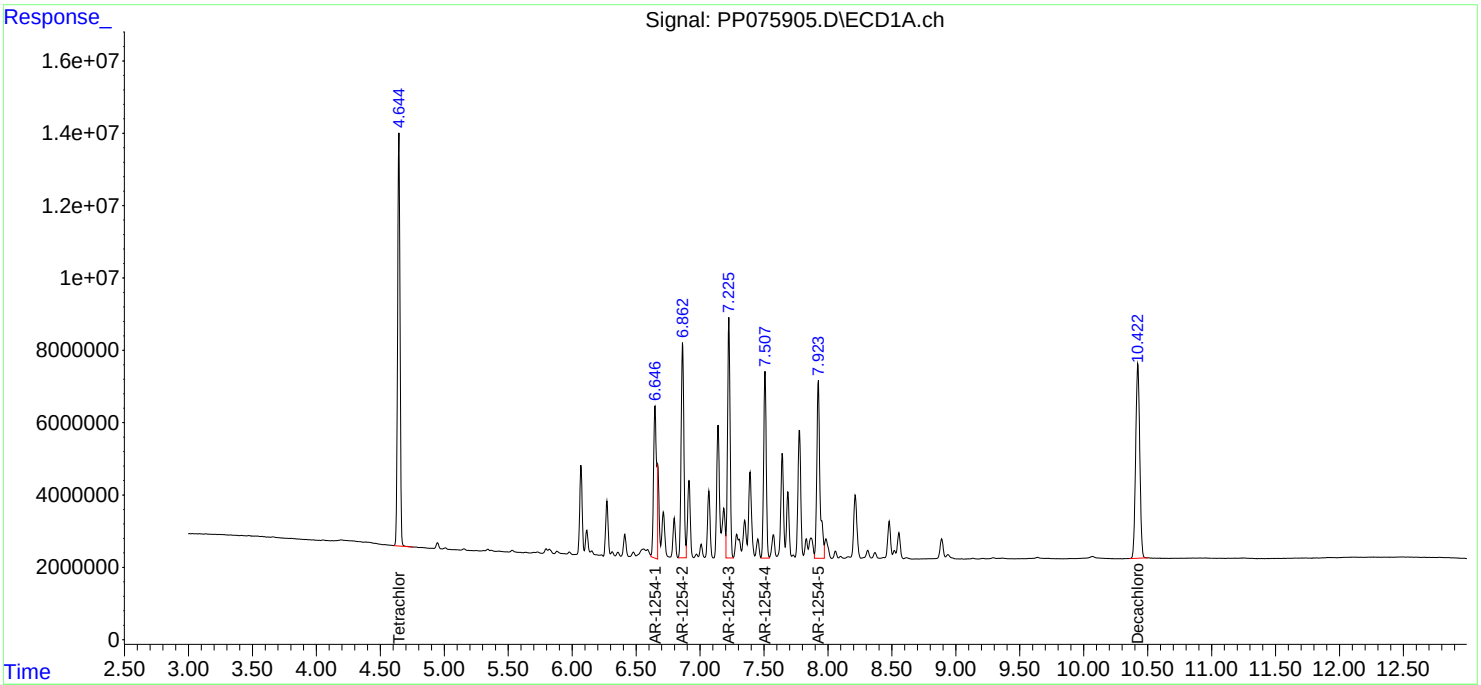
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC1000

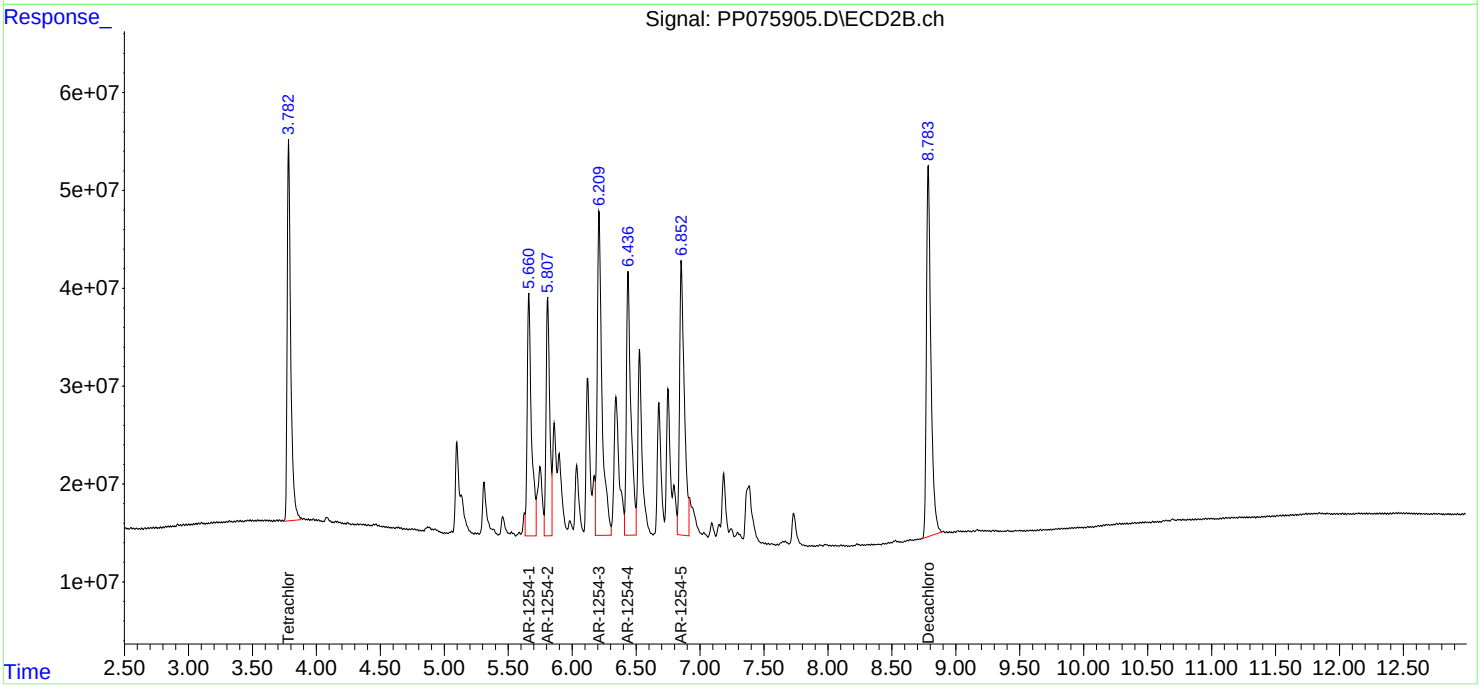
**Manual Integrations APPROVED**

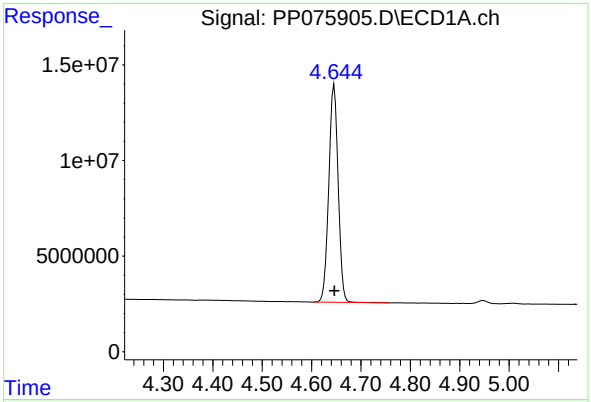
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 15:57:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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





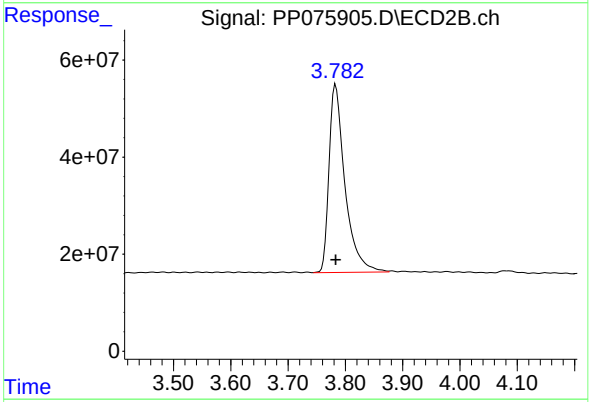

#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 149921798
Conc: 97.27 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC1000

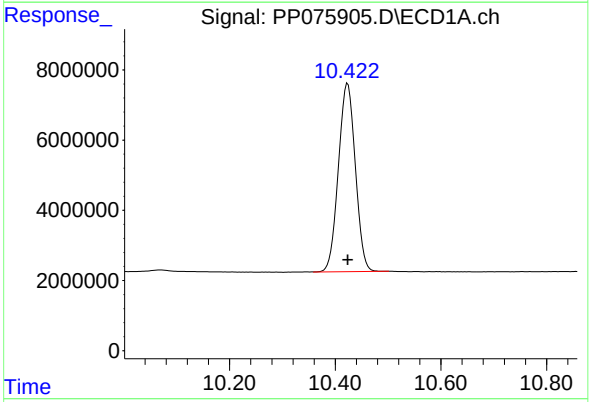
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



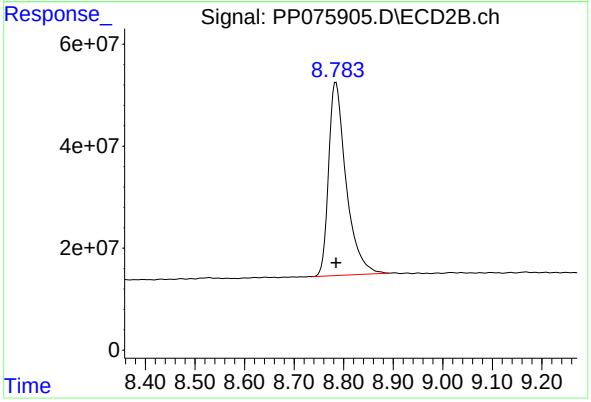

#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 746743420
Conc: 98.62 ng/ml



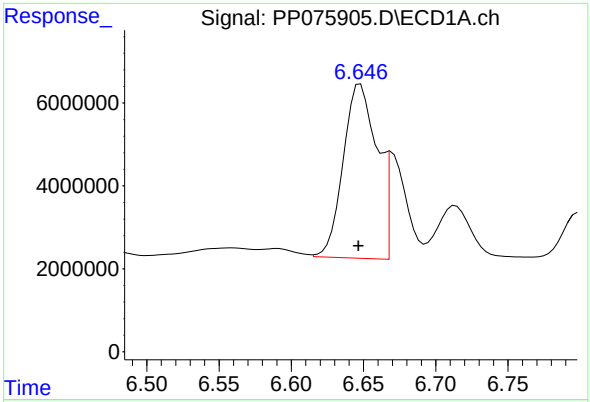

#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 119497023
Conc: 95.94 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 929424717
Conc: 97.67 ng/ml



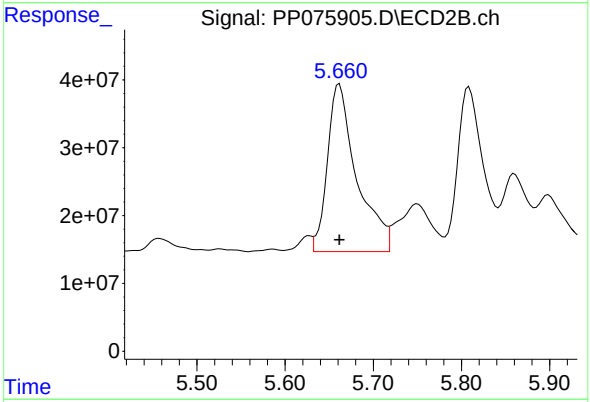

#26 AR-1254-1

R.T.: 6.646 min
Delta R.T.: 0.000 min
Response: 66261960
Conc: 872.67 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC1000

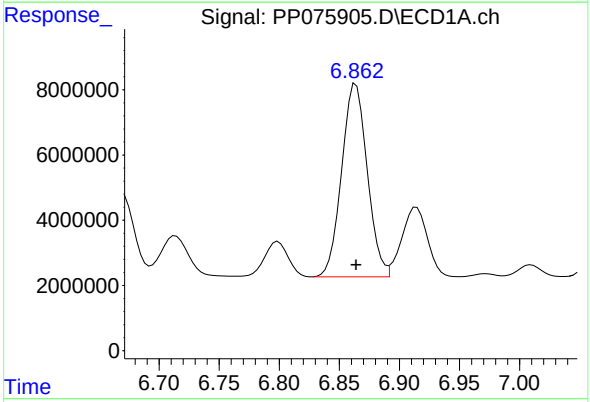
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



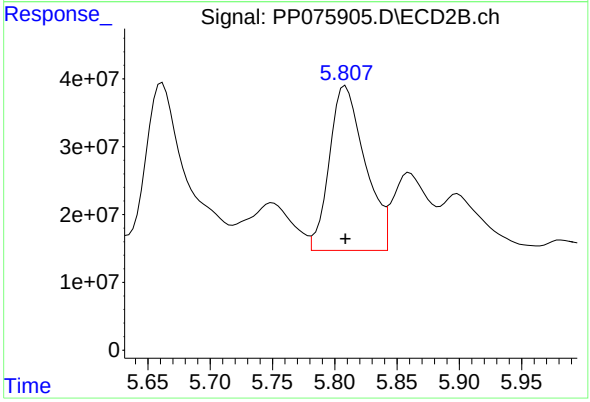

#26 AR-1254-1

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 570889099
Conc: 970.61 ng/ml



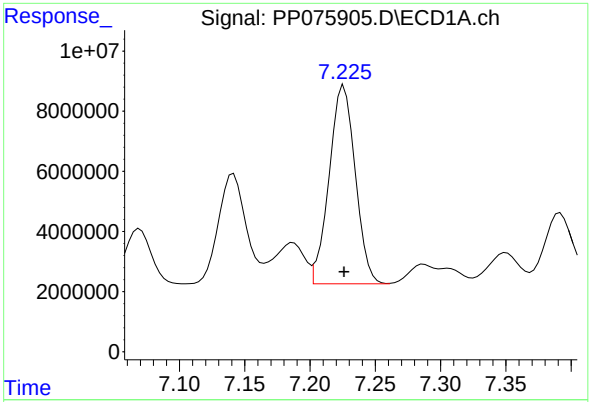

#27 AR-1254-2

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 87851253
Conc: 952.21 ng/ml




#27 AR-1254-2

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 484331632
Conc: 965.22 ng/ml



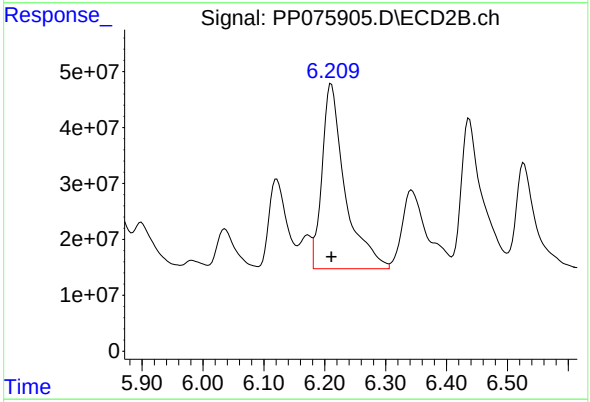

#28 AR-1254-3

R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 92035771
Conc: 959.59 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC1000

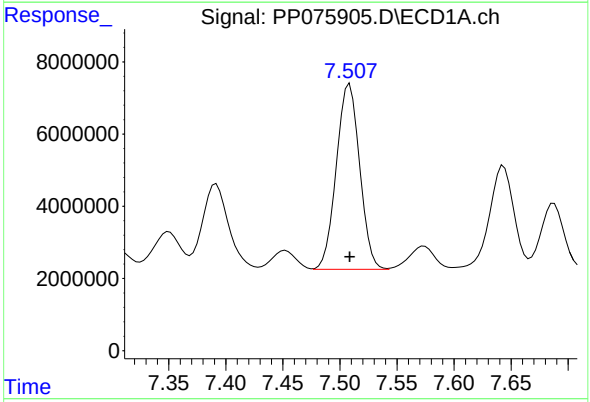
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



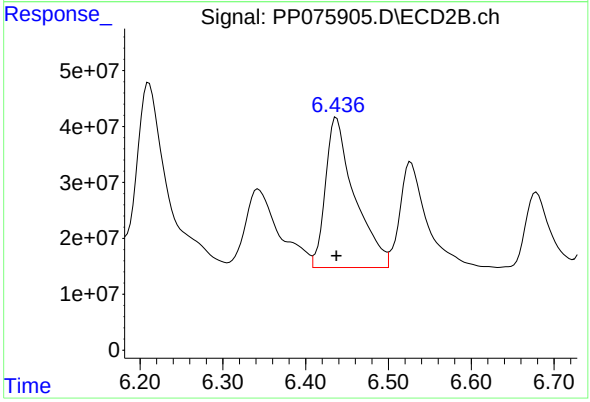

#28 AR-1254-3

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 866771846
Conc: 985.52 ng/ml



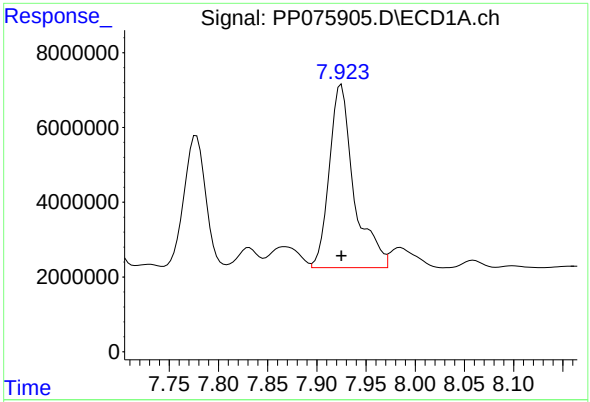

#29 AR-1254-4

R.T.: 7.509 min
Delta R.T.: 0.000 min
Response: 73136868
Conc: 959.00 ng/ml




#29 AR-1254-4

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 656603428
Conc: 987.57 ng/ml



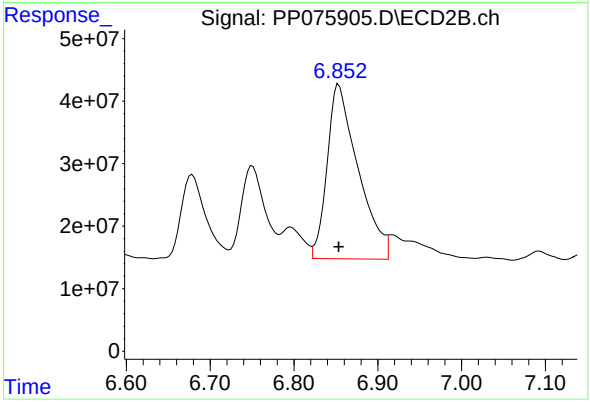

#30 AR-1254-5

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 85440842
Conc: 961.67 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC1000

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#30 AR-1254-5

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 714919063
Conc: 997.77 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:03:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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... | 4.644 | 3.783 | 116.9E6 | 582.0E6 | 75.579 | 76.230 |
| 2) | SA Decachlor... | 10.423 | 8.784 | 93392685 | 723.9E6 | 74.989 | 75.714 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.645 | 5.661 | 53923759 | 447.8E6 | 731.053m | 757.518 |
| 27) | L6 AR-1254-2 | 6.863 | 5.808 | 69427935 | 372.6E6 | 751.680 | 745.041 |
| 28) | L6 AR-1254-3 | 7.225 | 6.210 | 72675518 | 670.2E6 | 755.137 | 757.967 |
| 29) | L6 AR-1254-4 | 7.507 | 6.436 | 57517400 | 515.4E6 | 752.790 | 766.592 |
| 30) | L6 AR-1254-5 | 7.923 | 6.851 | 67290078 | 595.4E6 | 754.900 | 785.342m |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

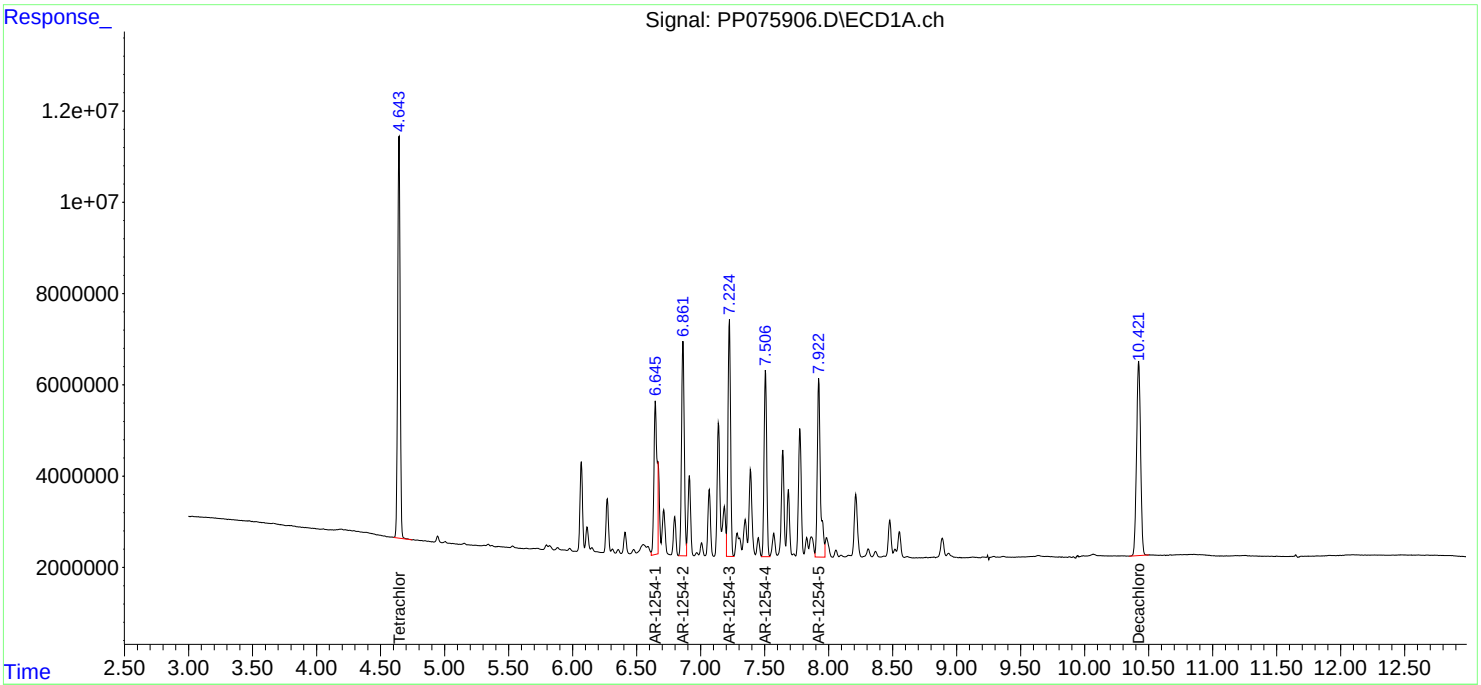
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

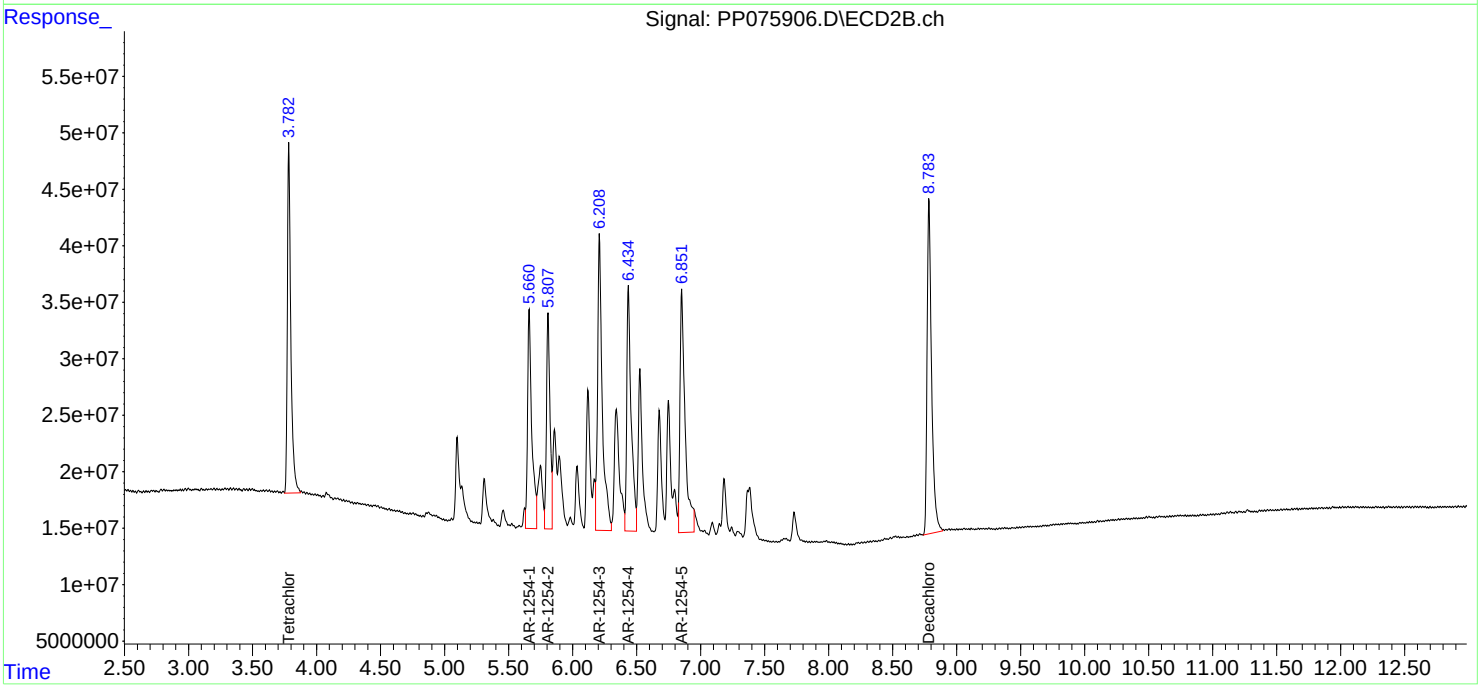
**Manual Integrations APPROVED**

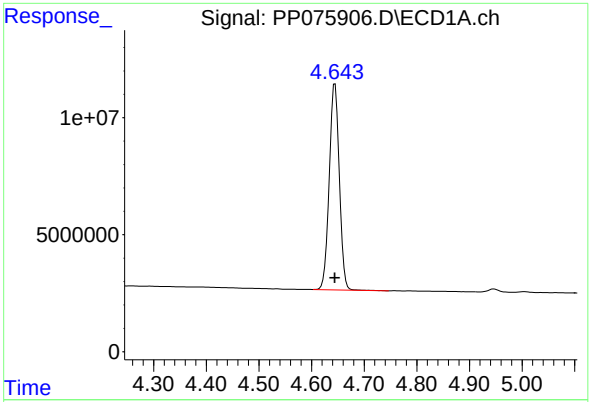
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:03:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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





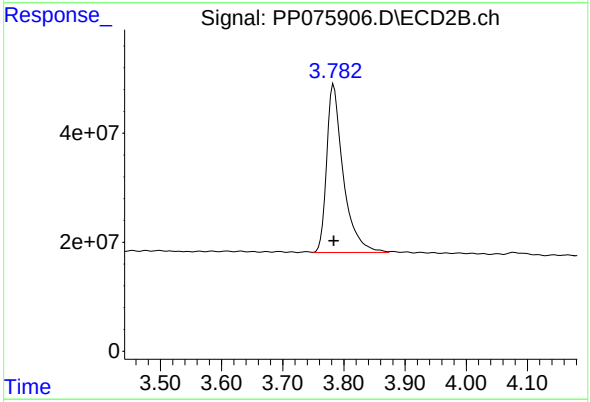

#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 116937802
Conc: 75.58 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

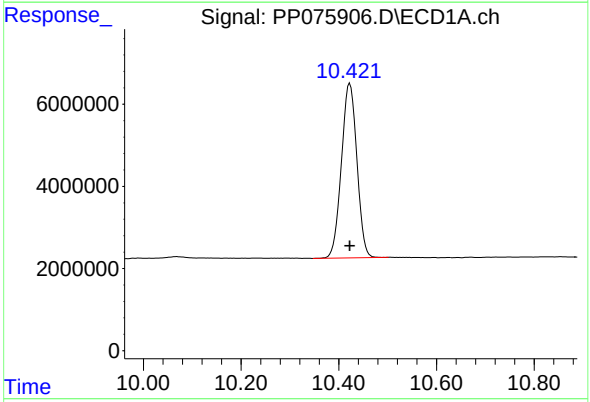
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



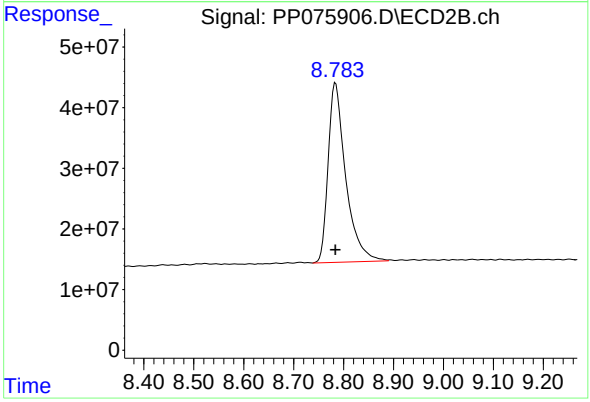

#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 581966110
Conc: 76.23 ng/ml



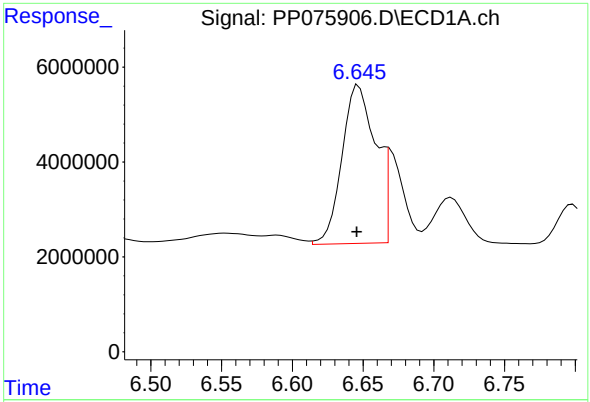

#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.000 min
Response: 93392685
Conc: 74.99 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 723915885
Conc: 75.71 ng/ml



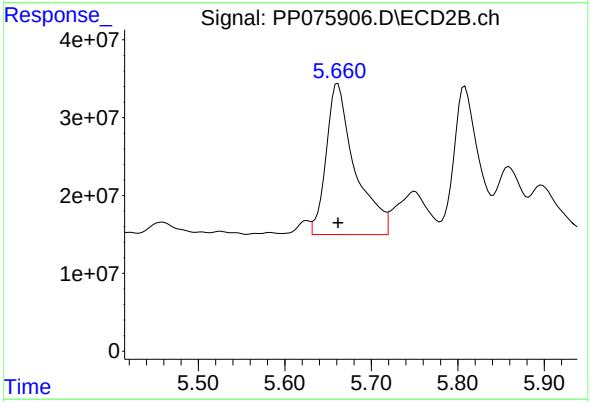

#26 AR-1254-1

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 53923759
Conc: 731.05 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

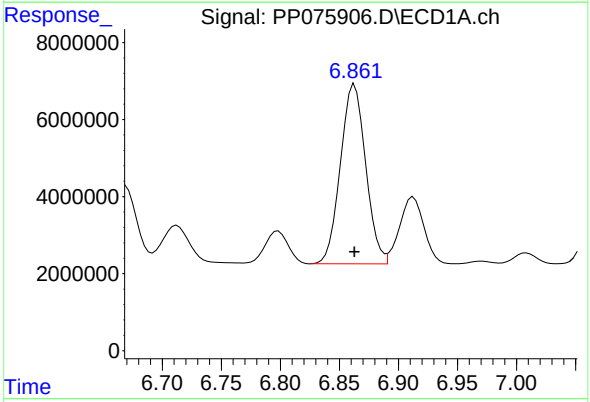
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



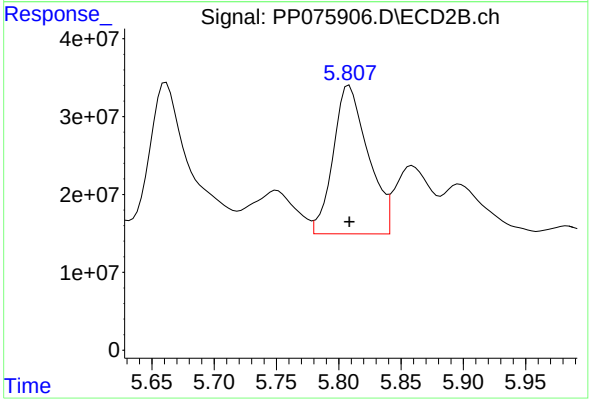

#26 AR-1254-1

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 447799637
Conc: 757.52 ng/ml



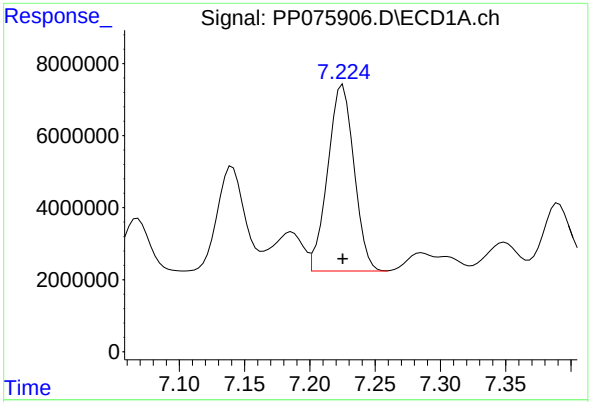

#27 AR-1254-2

R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 69427935
Conc: 751.68 ng/ml




#27 AR-1254-2

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 372619097
Conc: 745.04 ng/ml



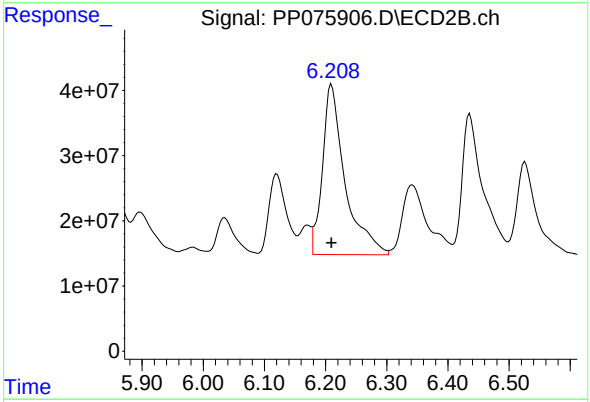

#28 AR-1254-3

R.T.: 7.225 min
Delta R.T.: 0.000 min
Response: 72675518
Conc: 755.14 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

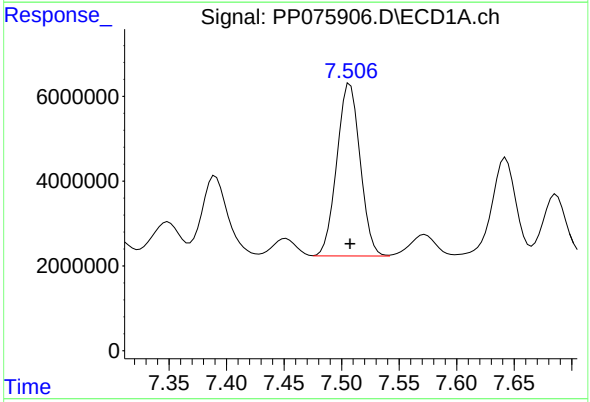
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



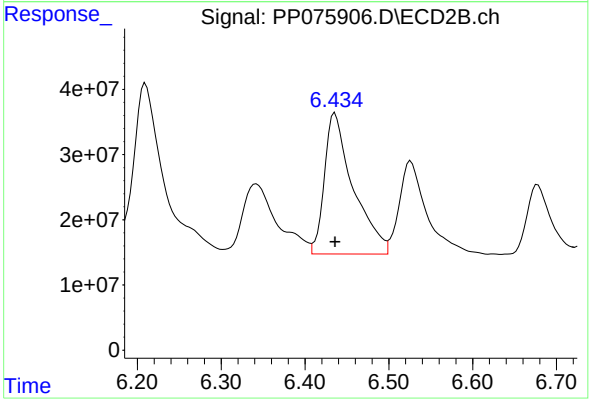

#28 AR-1254-3

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 670194370
Conc: 757.97 ng/ml



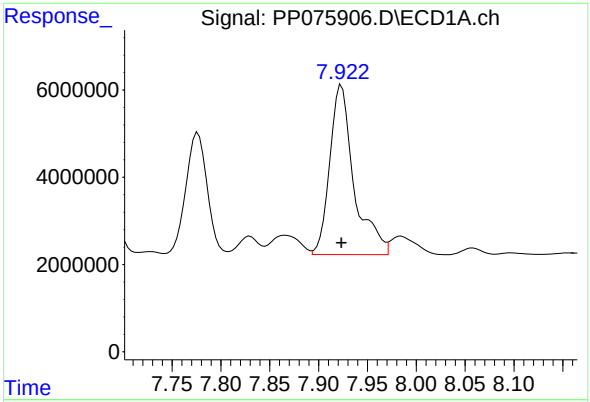

#29 AR-1254-4

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 57517400
Conc: 752.79 ng/ml




#29 AR-1254-4

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 515383611
Conc: 766.59 ng/ml



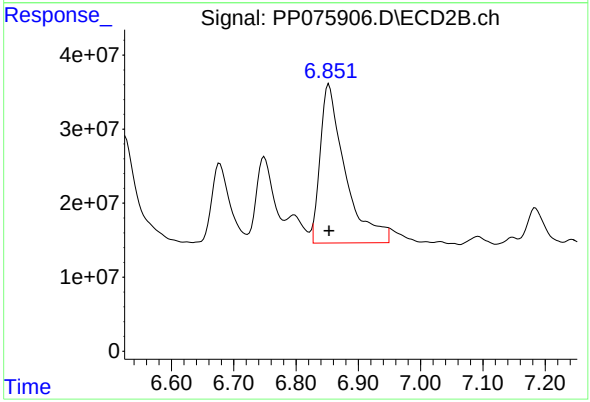

#30 AR-1254-5

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 67290078
Conc: 754.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#30 AR-1254-5

R.T.: 6.851 min
Delta R.T.: -0.001 min
Response: 595394733
Conc: 785.34 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:35
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 15:24:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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... | 4.647 | 3.785 | 79163213 | 383.8E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.424 | 8.785 | 64802936 | 486.9E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.648 | 5.663 | 39135010 | 302.7E6 | 480.703m | 500.000 |
| 27) | L6 AR-1254-2 | 6.866 | 5.810 | 48334685 | 259.6E6 | 500.000 | 500.000 |
| 28) | L6 AR-1254-3 | 7.228 | 6.212 | 49893996 | 446.1E6 | 500.000 | 500.000 |
| 29) | L6 AR-1254-4 | 7.510 | 6.438 | 39695143 | 336.6E6 | 500.000 | 500.000 |
| 30) | L6 AR-1254-5 | 7.926 | 6.854 | 46126096 | 359.1E6 | 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\PP102125\
Data File : PP075907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:35
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

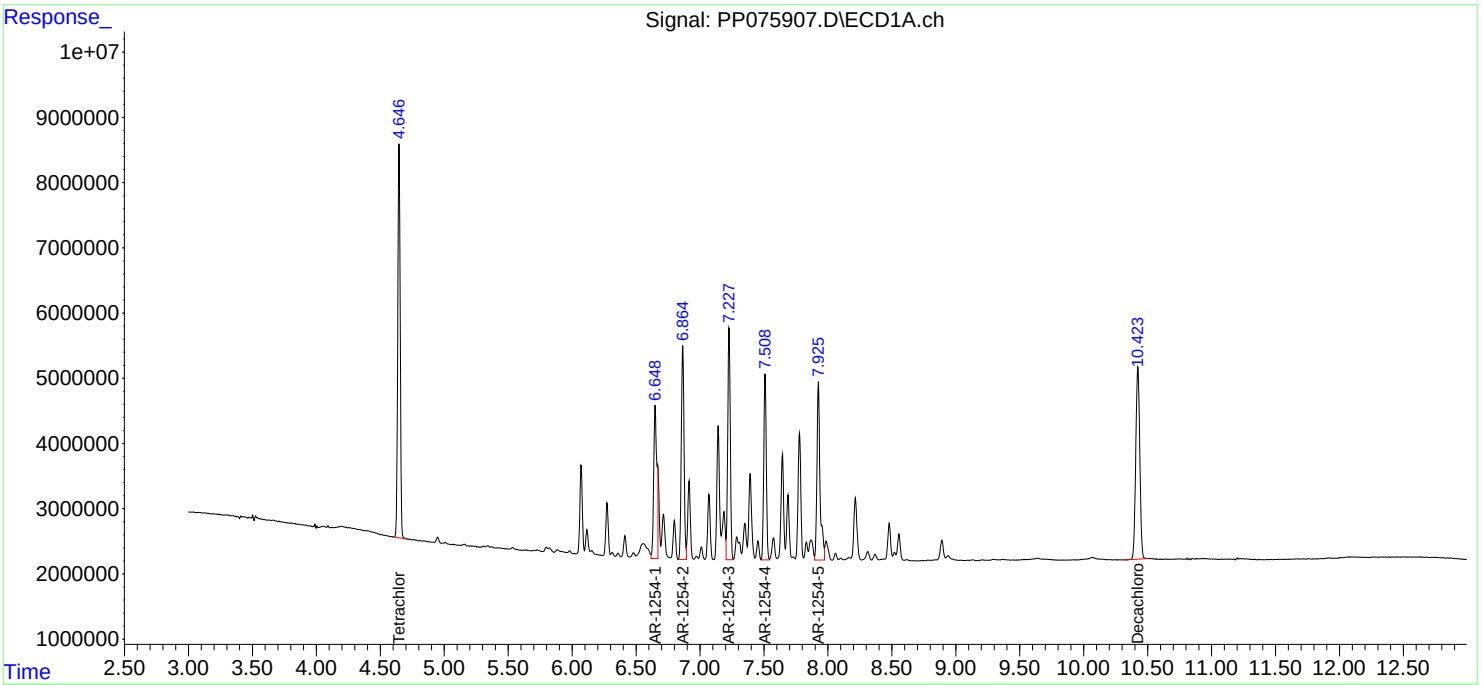
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

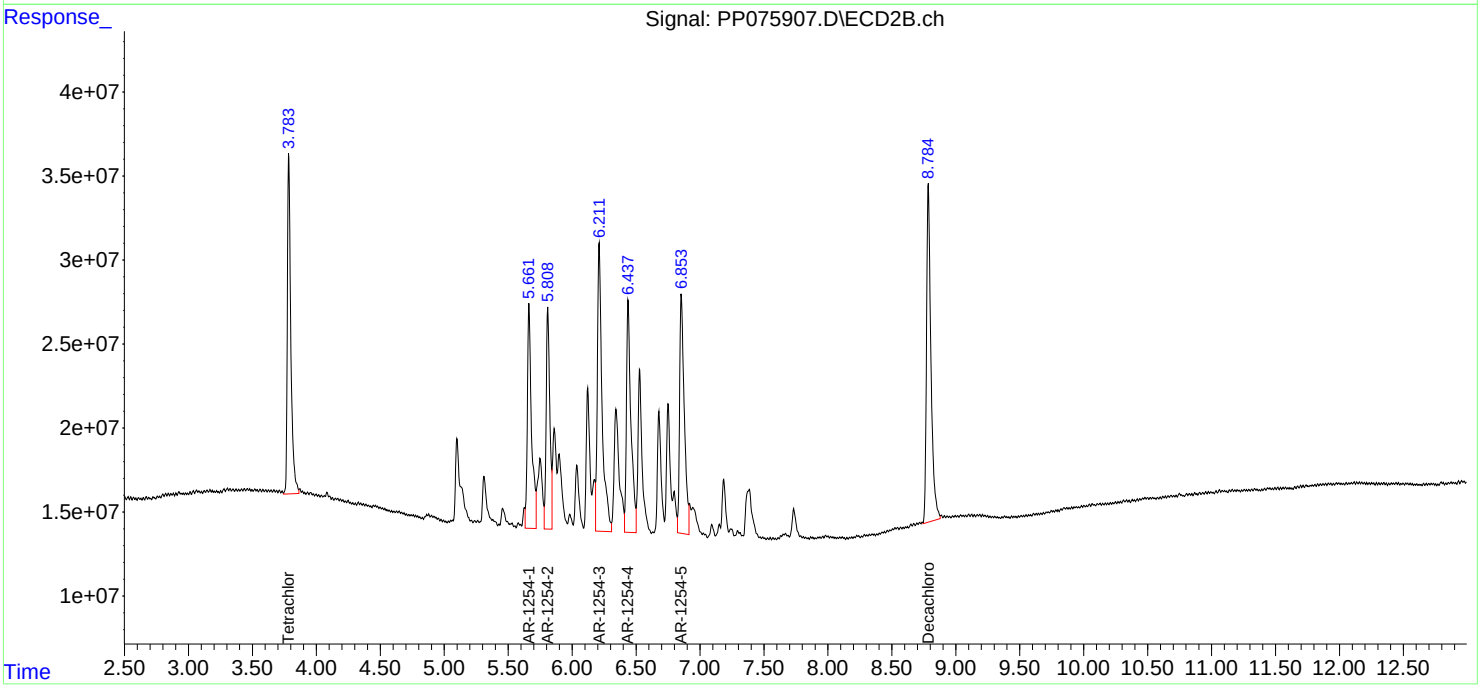
**Manual Integrations APPROVED**

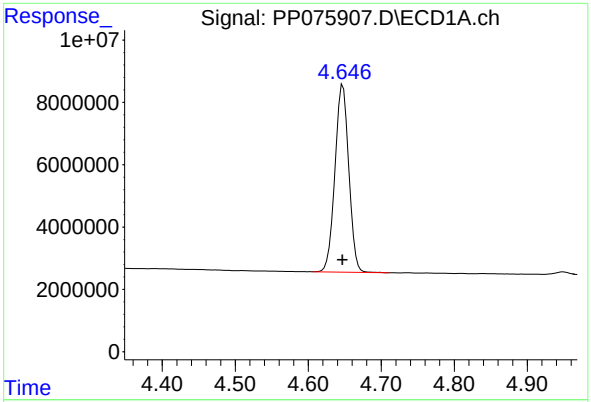
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 15:24:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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





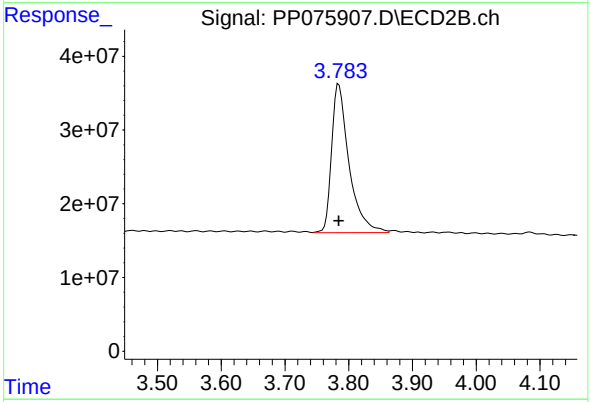

#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 79163213
Conc: 50.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

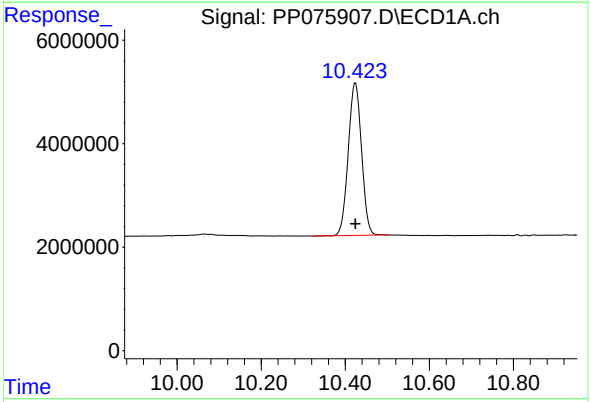
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



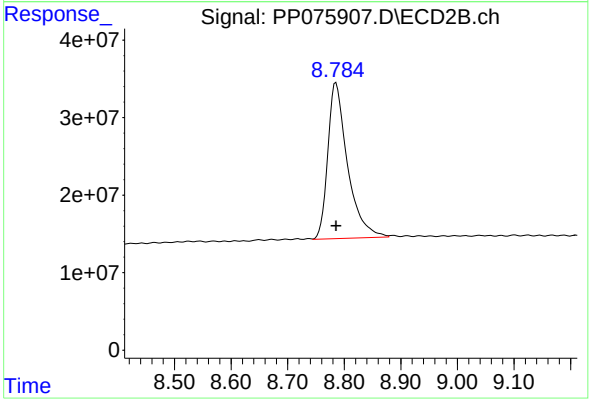

#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 383795177
Conc: 50.00 ng/ml



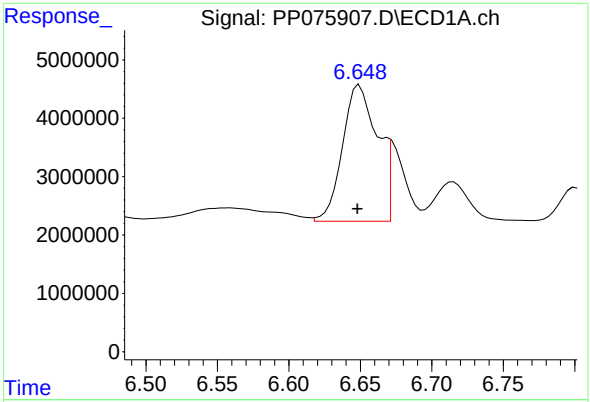

#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 64802936
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 486859913
Conc: 50.00 ng/ml



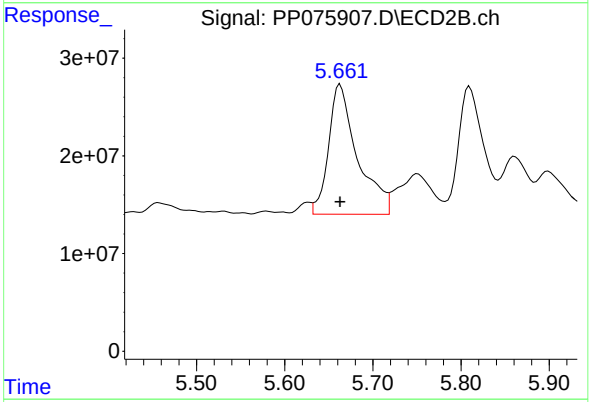

#26 AR-1254-1

R.T.: 6.648 min
Delta R.T.: 0.000 min
Response: 39135010
Conc: 480.70 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

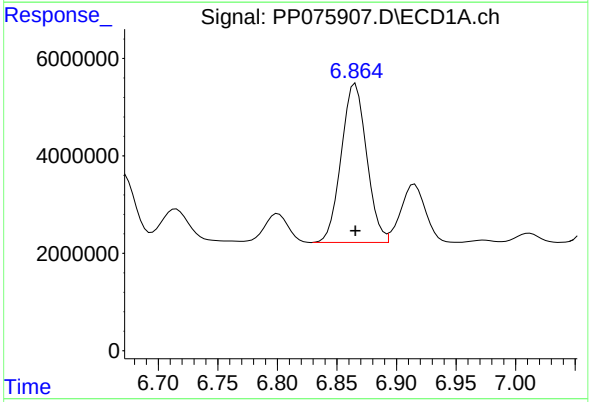
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



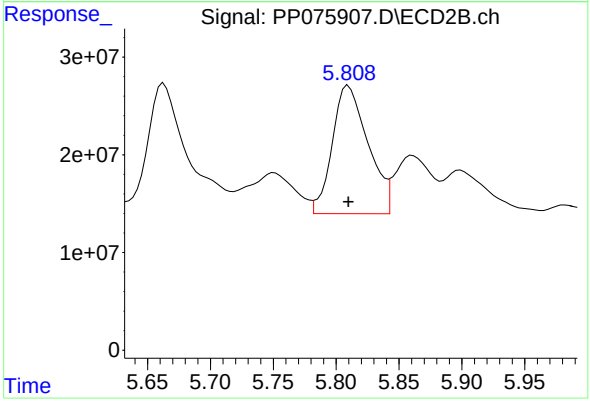

#26 AR-1254-1

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 302733264
Conc: 500.00 ng/ml



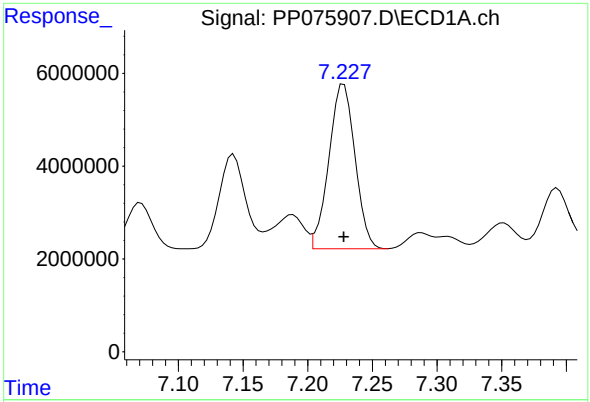

#27 AR-1254-2

R.T.: 6.866 min
Delta R.T.: 0.000 min
Response: 48334685
Conc: 500.00 ng/ml




#27 AR-1254-2

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 259620132
Conc: 500.00 ng/ml



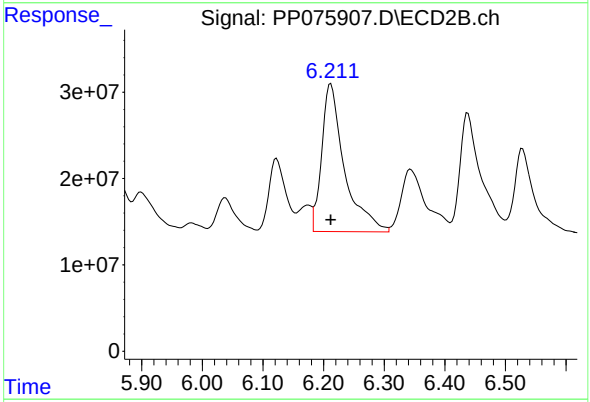

#28 AR-1254-3

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 49893996
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

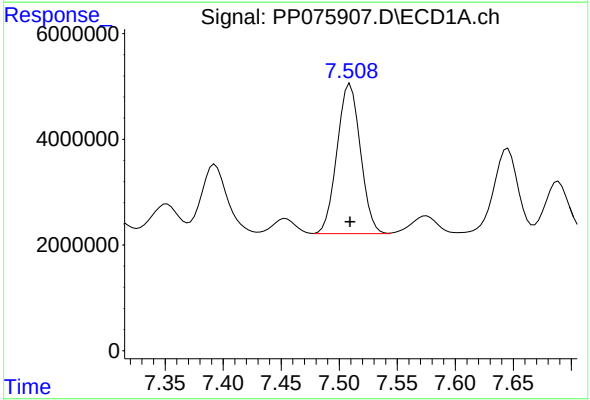
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



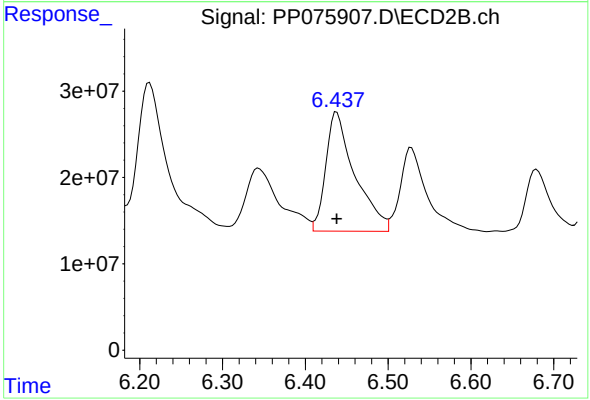

#28 AR-1254-3

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 446117931
Conc: 500.00 ng/ml



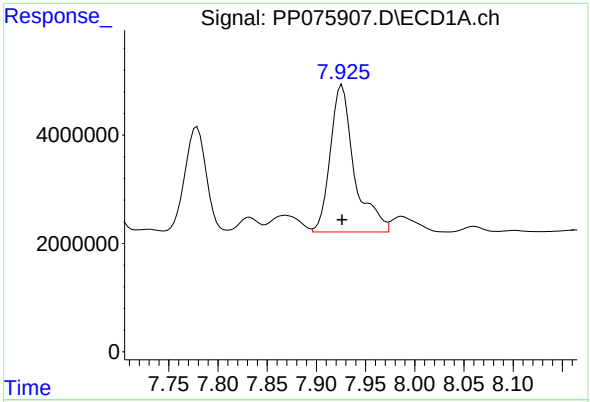

#29 AR-1254-4

R.T.: 7.510 min
Delta R.T.: 0.000 min
Response: 39695143
Conc: 500.00 ng/ml




#29 AR-1254-4

R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 336566136
Conc: 500.00 ng/ml



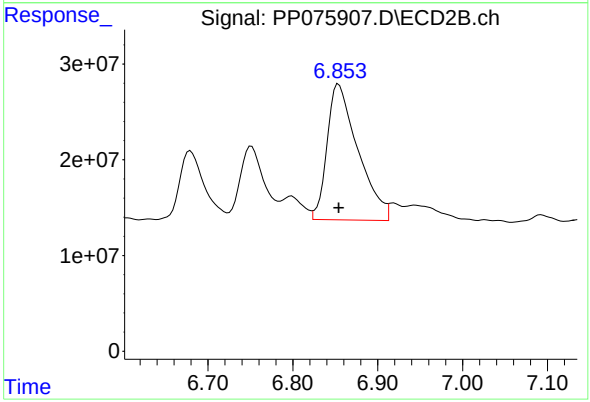

#30 AR-1254-5

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 46126096
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#30 AR-1254-5

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 359055575
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:51
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:07:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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... | 4.646 | 3.784 | 40353962 | 181.6E6 | 25.803 | 24.079 |
| 2) | SA Decachlor... | 10.422 | 8.784 | 33314499 | 235.8E6 | 26.290 | 24.742 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.647 | 5.662 | 20616230 | 146.6E6 | 278.580m | 248.519 |
| 27) | L6 AR-1254-2 | 6.864 | 5.809 | 25702390 | 128.2E6 | 270.622 | 254.691 |
| 28) | L6 AR-1254-3 | 7.226 | 6.210 | 26497010 | 218.4E6 | 268.520 | 247.733 |
| 29) | L6 AR-1254-4 | 7.508 | 6.436 | 20991838 | 159.2E6 | 268.108 | 239.944 |
| 30) | L6 AR-1254-5 | 7.925 | 6.853 | 23753414 | 169.8E6 | 262.160 | 233.749 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:51
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

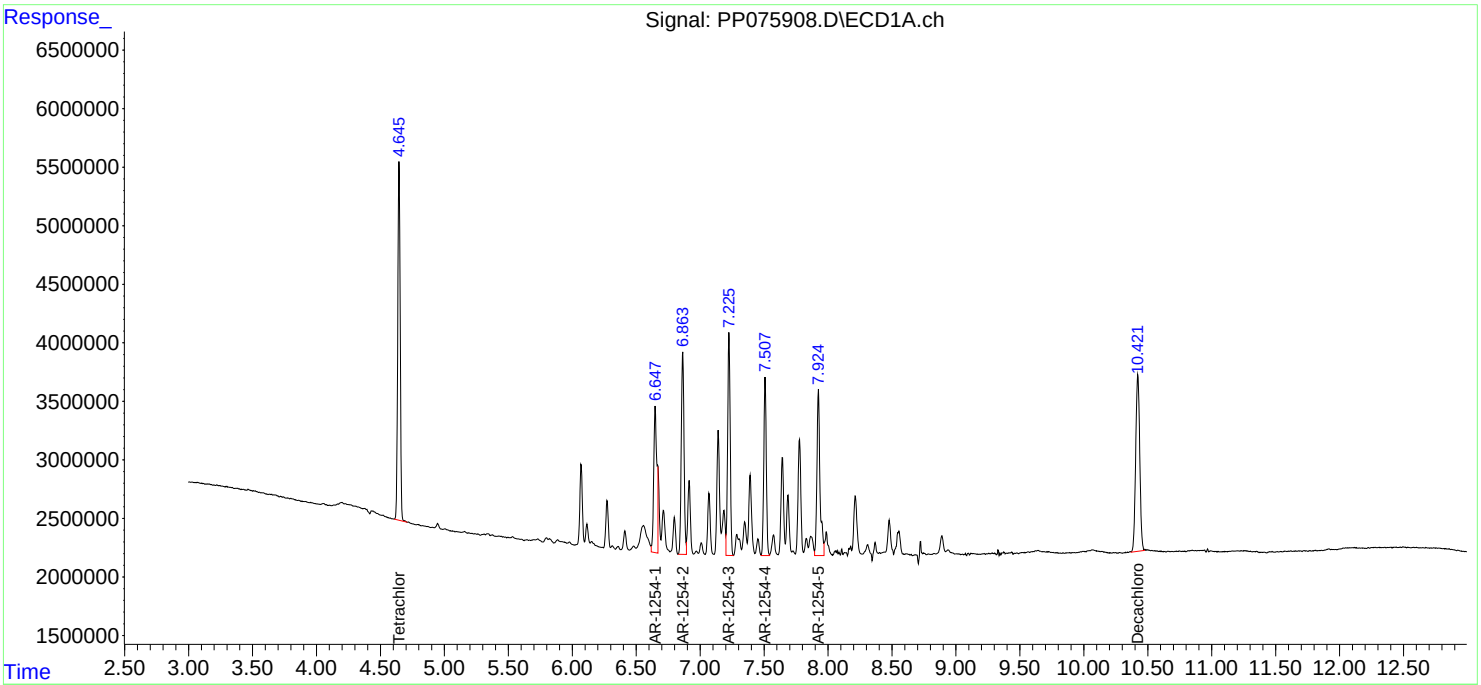
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

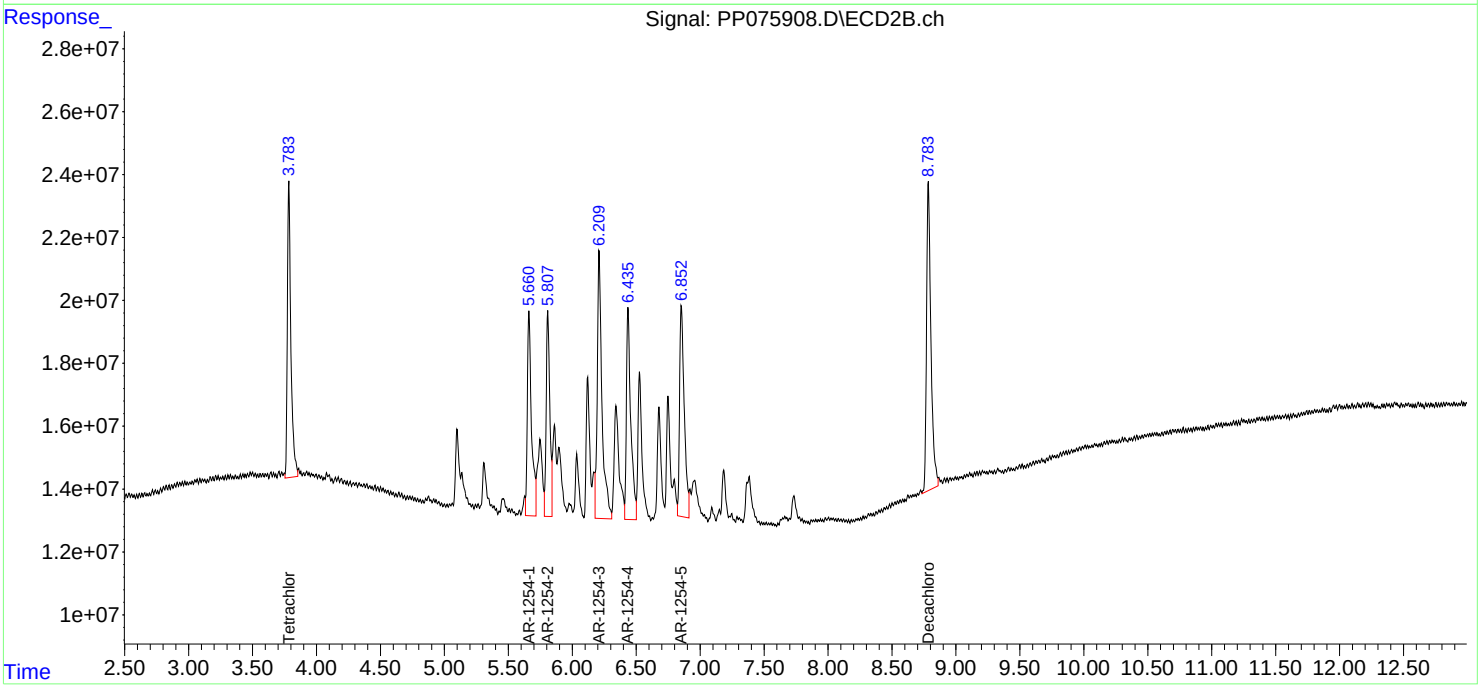
**Manual Integrations APPROVED**

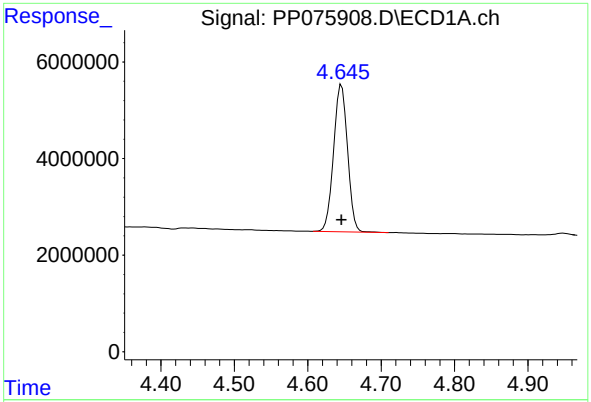
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:07:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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





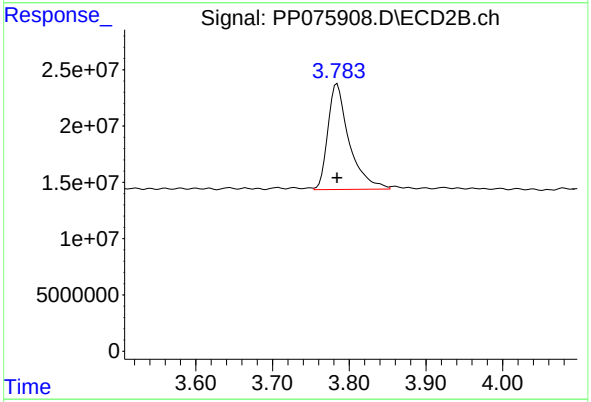

#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 40353962
Conc: 25.80 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

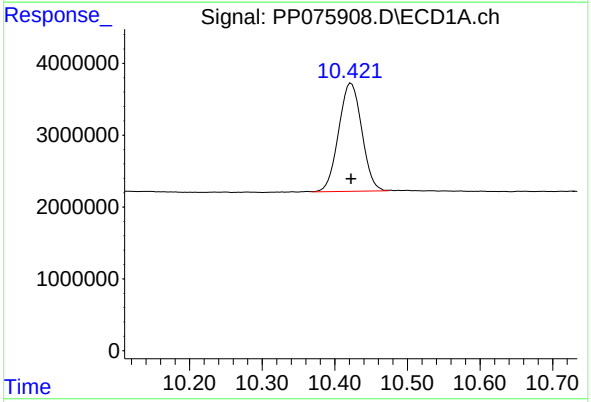
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



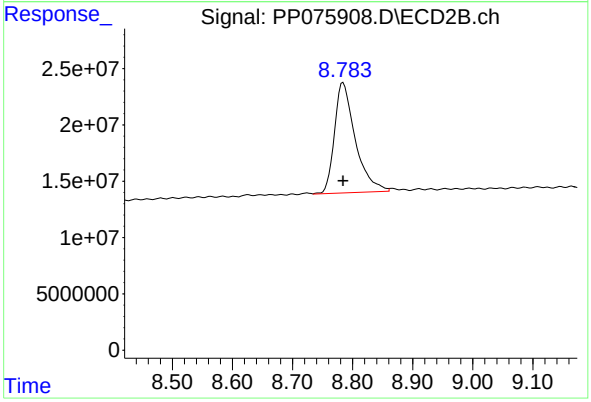

#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 181599269
Conc: 24.08 ng/ml



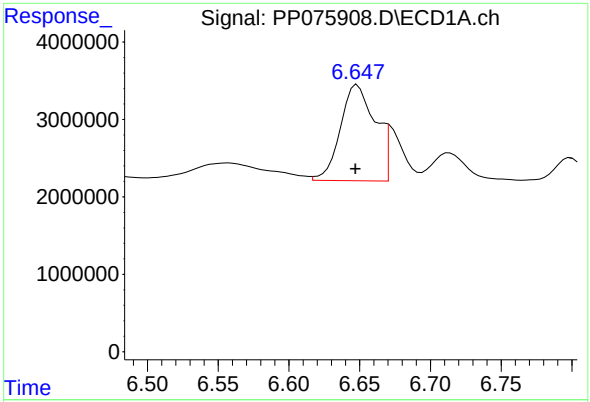

#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 33314499
Conc: 26.29 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 235756165
Conc: 24.74 ng/ml



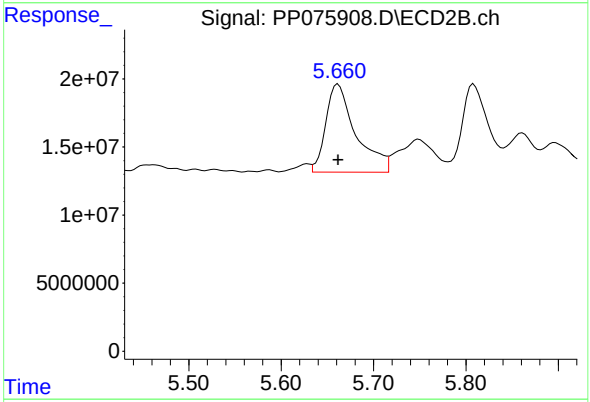

#26 AR-1254-1

R.T.: 6.647 min
Delta R.T.: 0.000 min
Response: 20616230
Conc: 278.58 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

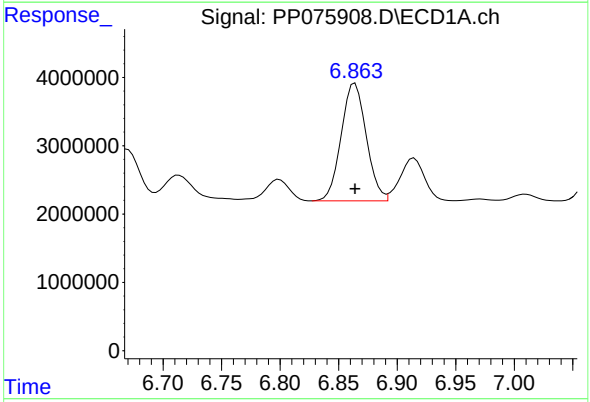
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



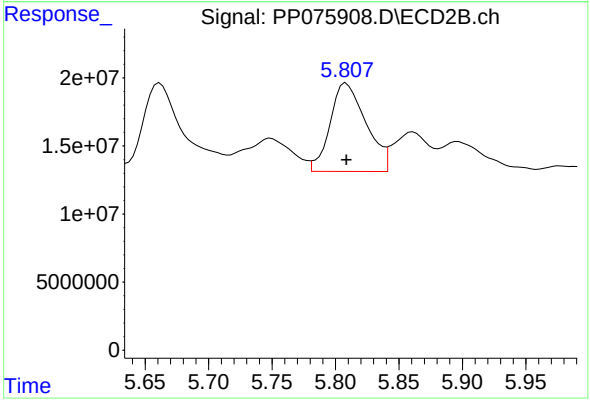

#26 AR-1254-1

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 146620080
Conc: 248.52 ng/ml



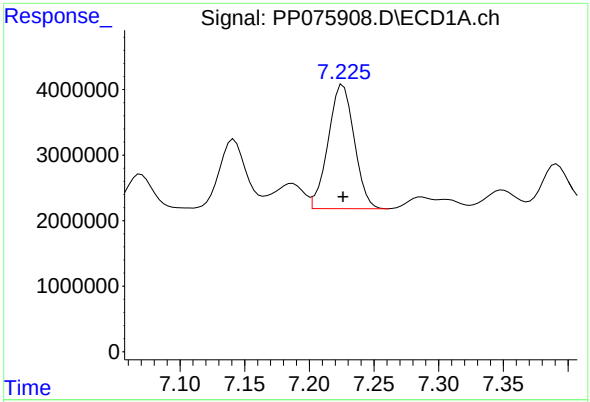

#27 AR-1254-2

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 25702390
Conc: 270.62 ng/ml




#27 AR-1254-2

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 128180993
Conc: 254.69 ng/ml



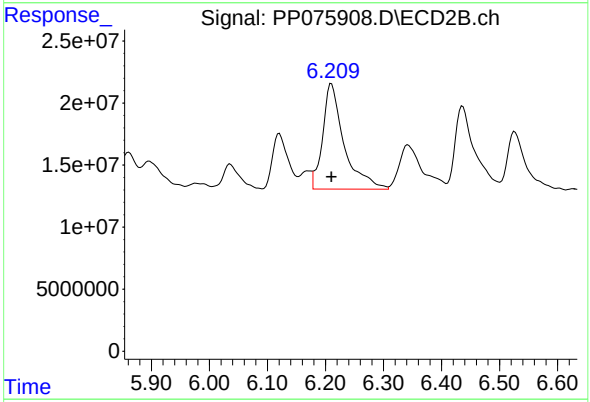

#28 AR-1254-3

R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 26497010
Conc: 268.52 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

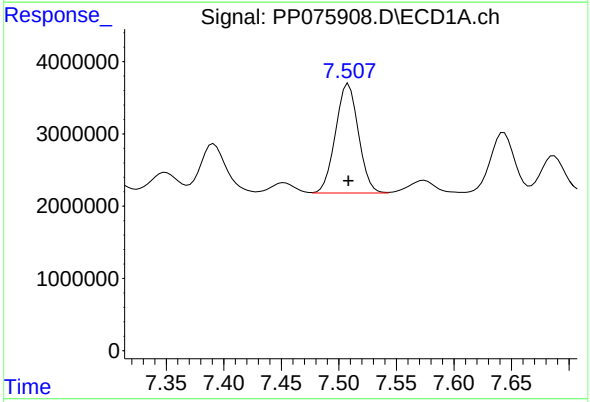
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



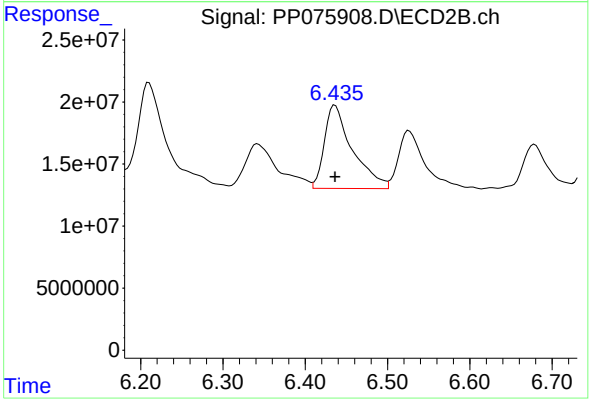

#28 AR-1254-3

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 218385242
Conc: 247.73 ng/ml



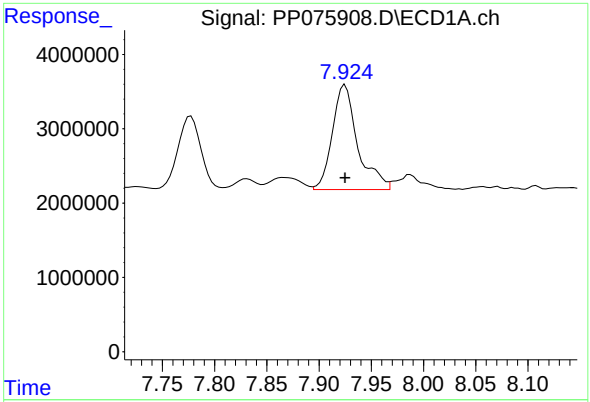

#29 AR-1254-4

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 20991838
Conc: 268.11 ng/ml




#29 AR-1254-4

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 159181478
Conc: 239.94 ng/ml



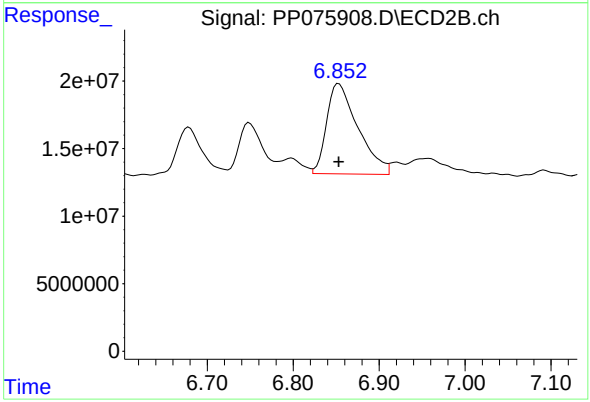

#30 AR-1254-5

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 23753414
Conc: 262.16 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#30 AR-1254-5

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 169830860
Conc: 233.75 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075909.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:07
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:12:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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... | 4.642 | 3.780 | 8604114 | 35027317 | 5.393 | 4.744m |
| 2) | SA Decachlor... | 10.419 | 8.782 | 7574299 | 50050602 | 5.752 | 5.200 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.644 | 5.659 | 5028603 | 23004893 | 64.906 | 40.789 # |
| 27) | L6 AR-1254-2 | 6.860 | 5.807 | 6001024 | 31864124 | 60.020 | 60.390 |
| 28) | L6 AR-1254-3 | 7.222 | 6.206 | 6253065 | 36465652 | 60.152 | 42.846 # |
| 29) | L6 AR-1254-4 | 7.504 | 6.433 | 5244227 | 24763386 | 62.720 | 39.321 # |
| 30) | L6 AR-1254-5 | 7.921 | 6.850 | 4771352 | 34659929 | 52.106 | 48.147 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075909.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:07
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

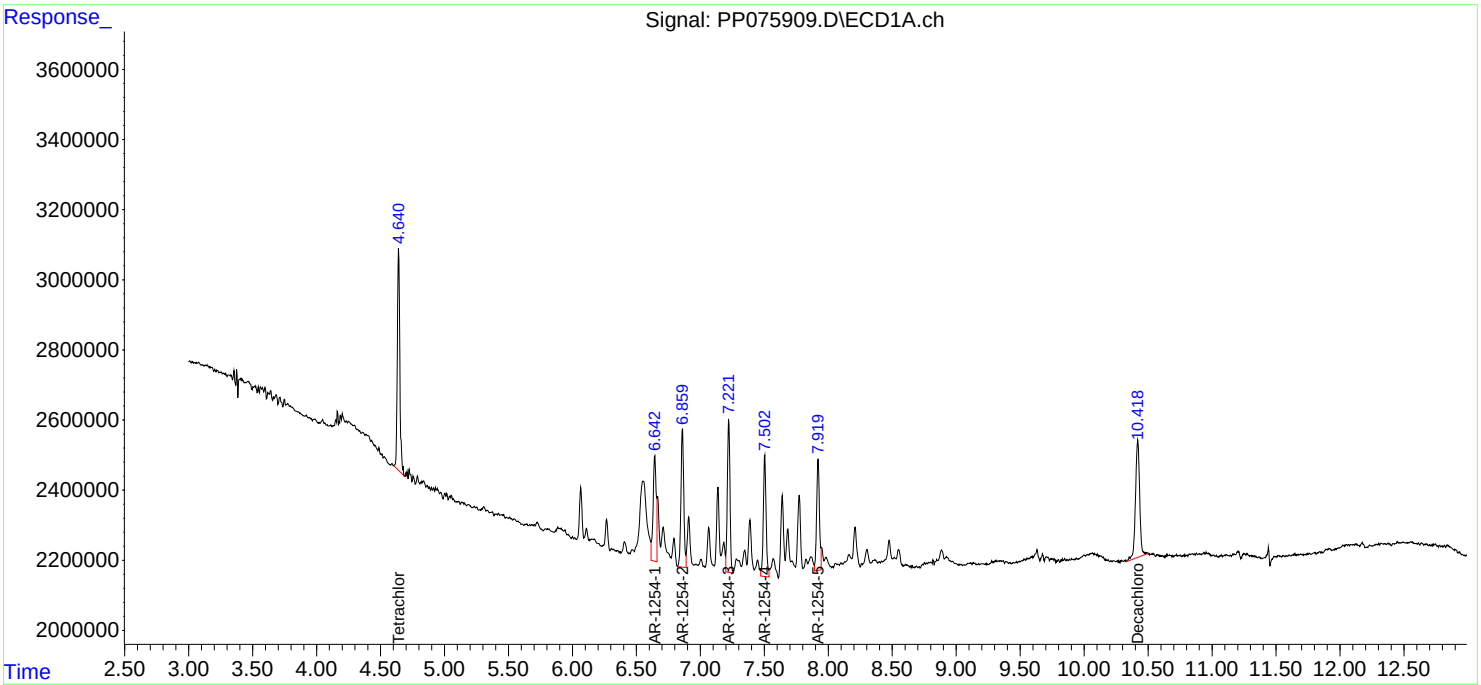
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

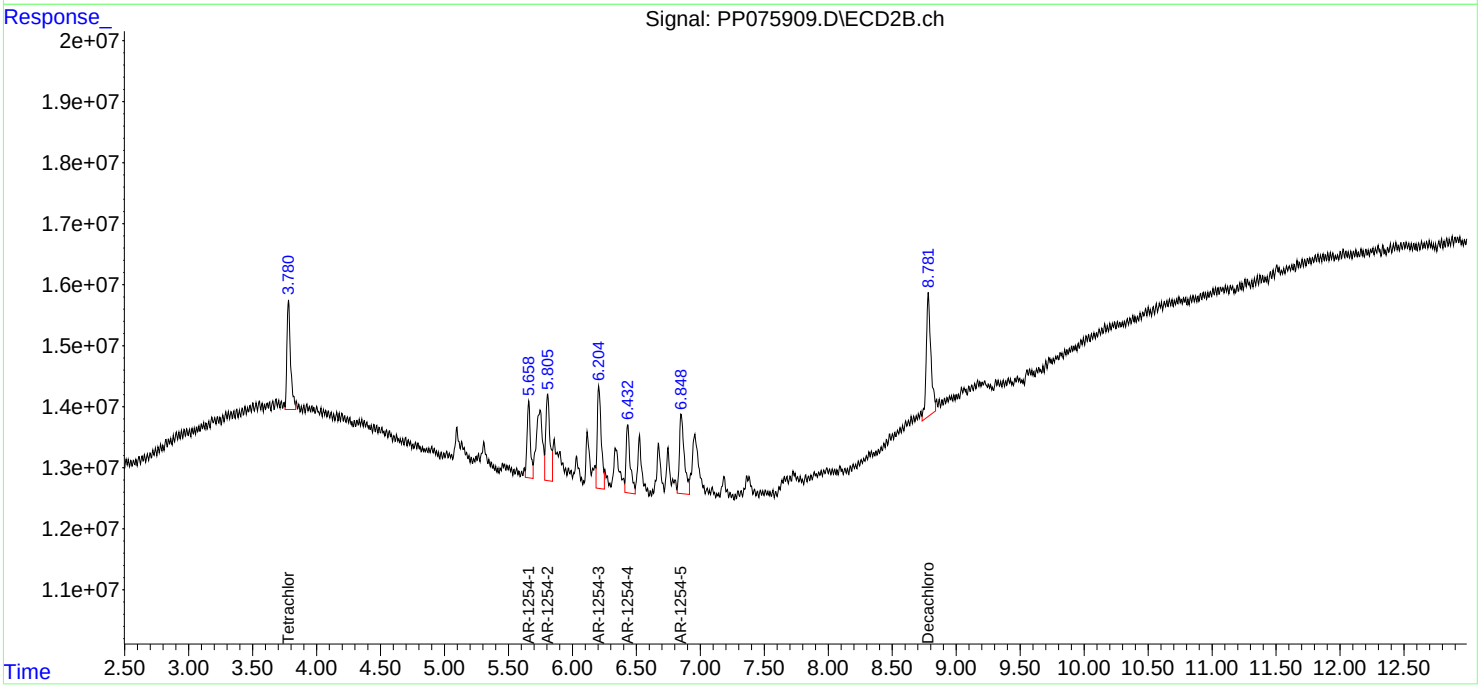
**Manual Integrations APPROVED**

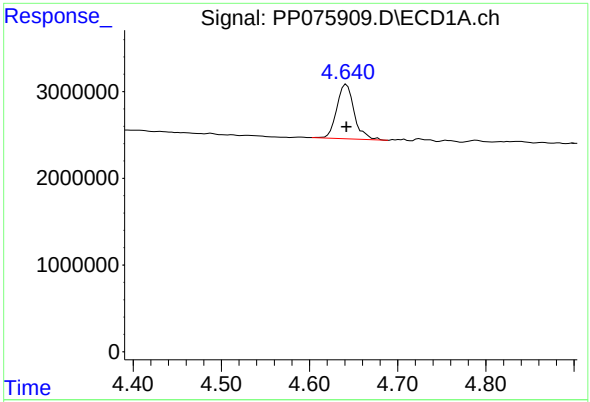
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:12:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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





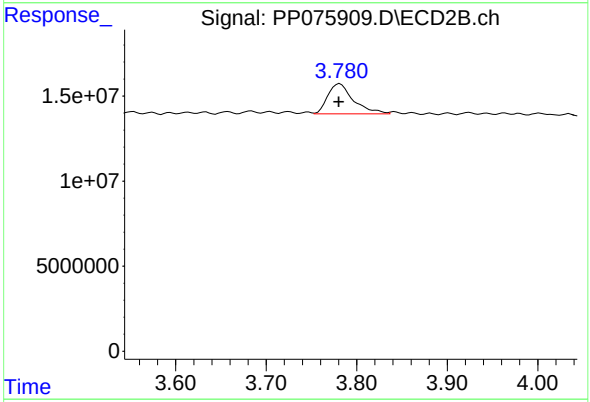

#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 8604114
Conc: 5.39 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

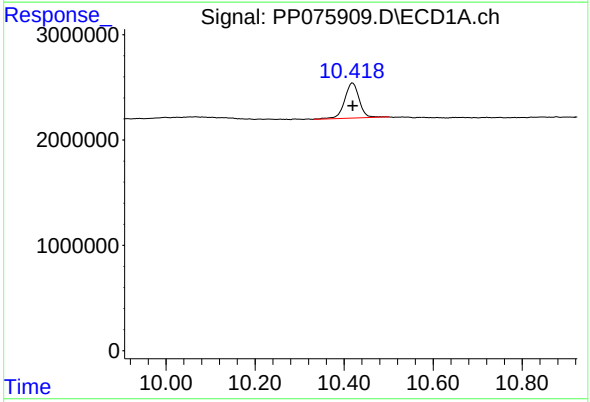
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



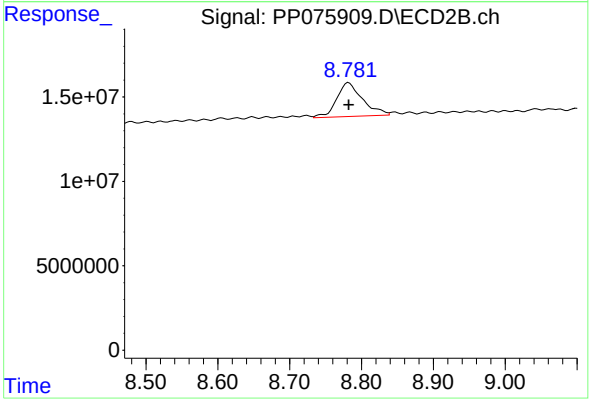

#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 35027317
Conc: 4.74 ng/ml m



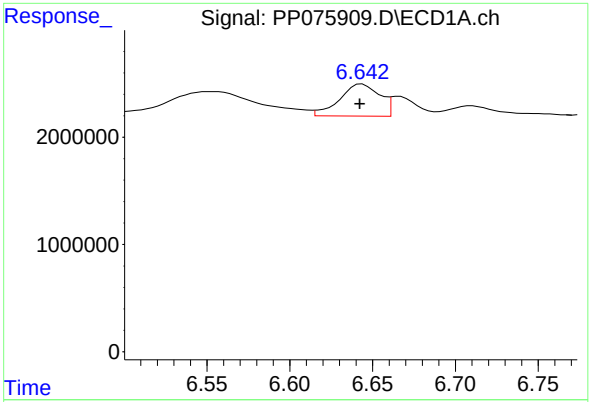

#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 7574299
Conc: 5.75 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 50050602
Conc: 5.20 ng/ml



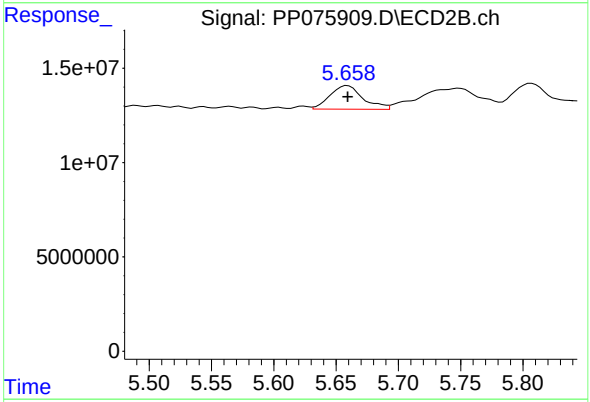

#26 AR-1254-1

R.T.: 6.644 min
Delta R.T.: 0.001 min
Response: 5028603
Conc: 64.91 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

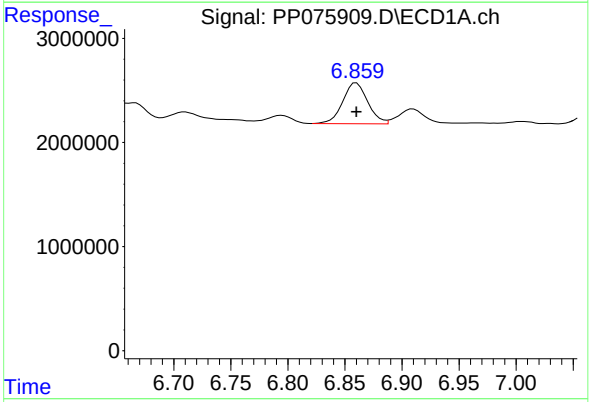
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



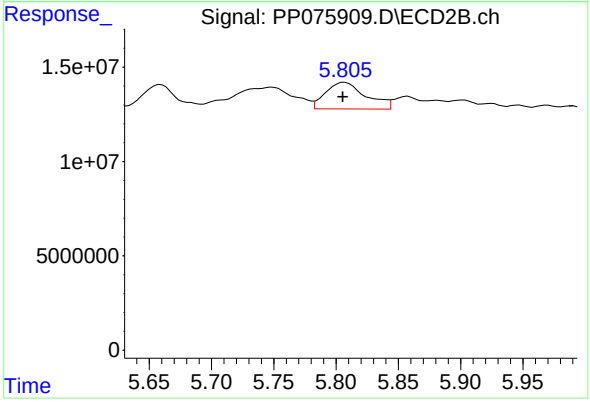

#26 AR-1254-1

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 23004893
Conc: 40.79 ng/ml



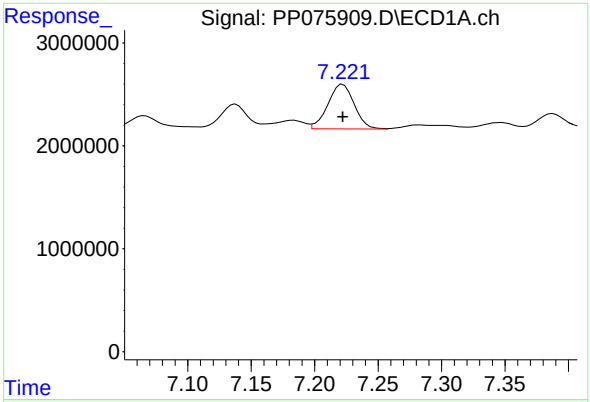

#27 AR-1254-2

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 6001024
Conc: 60.02 ng/ml




#27 AR-1254-2

R.T.: 5.807 min
Delta R.T.: 0.002 min
Response: 31864124
Conc: 60.39 ng/ml



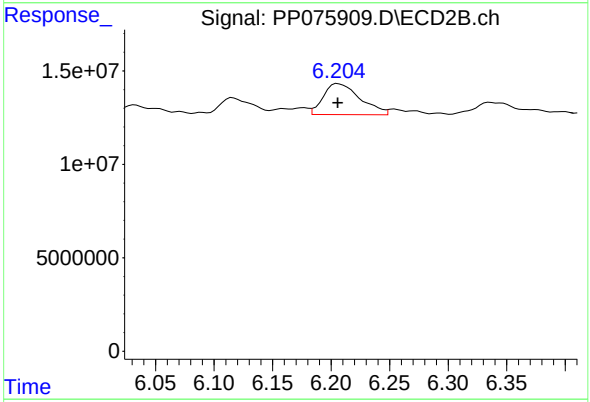

#28 AR-1254-3

R.T.: 7.222 min
Delta R.T.: 0.000 min
Response: 6253065
Conc: 60.15 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

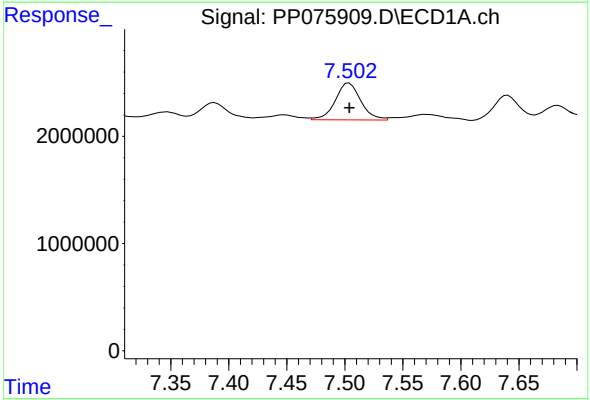
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



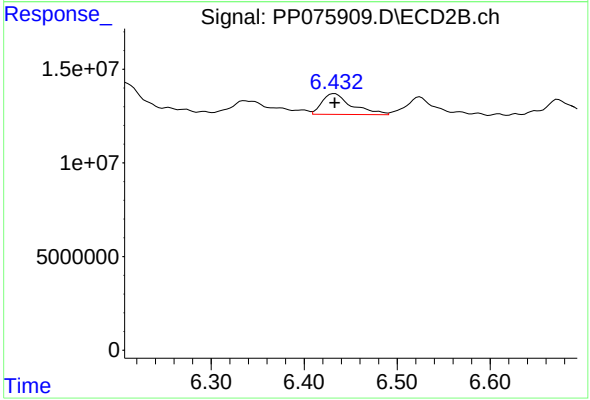

#28 AR-1254-3

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 36465652
Conc: 42.85 ng/ml



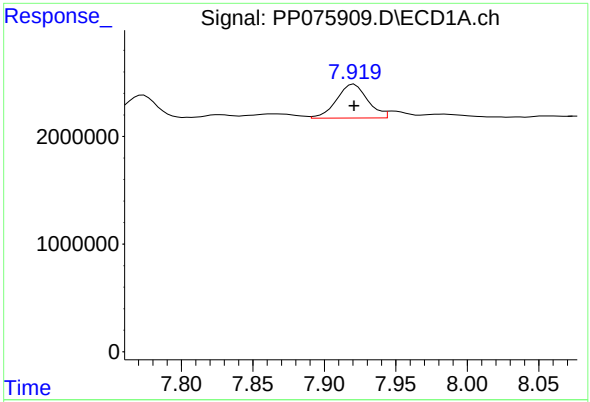

#29 AR-1254-4

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 5244227
Conc: 62.72 ng/ml




#29 AR-1254-4

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 24763386
Conc: 39.32 ng/ml



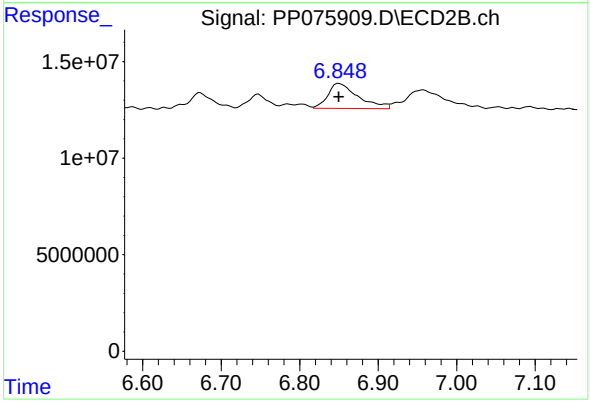

#30 AR-1254-5

R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 4771352
Conc: 52.11 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025




#30 AR-1254-5

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 34659929
Conc: 48.15 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075910.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:40
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: Oct 21 16:21:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:20:51 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... | 4.647 | 3.785 | 76058633 | 352.0E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.425 | 8.786 | 61011705 | 448.1E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 36) | L8 AR-1262-1 | 8.232 | 6.893 | 42013007 | 493.5E6 | 500.000 | 500.000 |
| 37) | L8 AR-1262-2 | 8.557 | 7.150 | 81834582 | 351.6E6 | 500.000 | 500.000 |
| 38) | L8 AR-1262-3 | 8.883 | 7.672 | 60893486 | 303.5E6 | 500.000 | 500.000 |
| 39) | L8 AR-1262-4 | 8.971 | 7.736 | 46055772 | 550.7E6 | 500.000 | 500.000 |
| 40) | L8 AR-1262-5 | 9.642 | 8.231 | 33912301 | 230.7E6 | 500.000 | 500.000 |

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

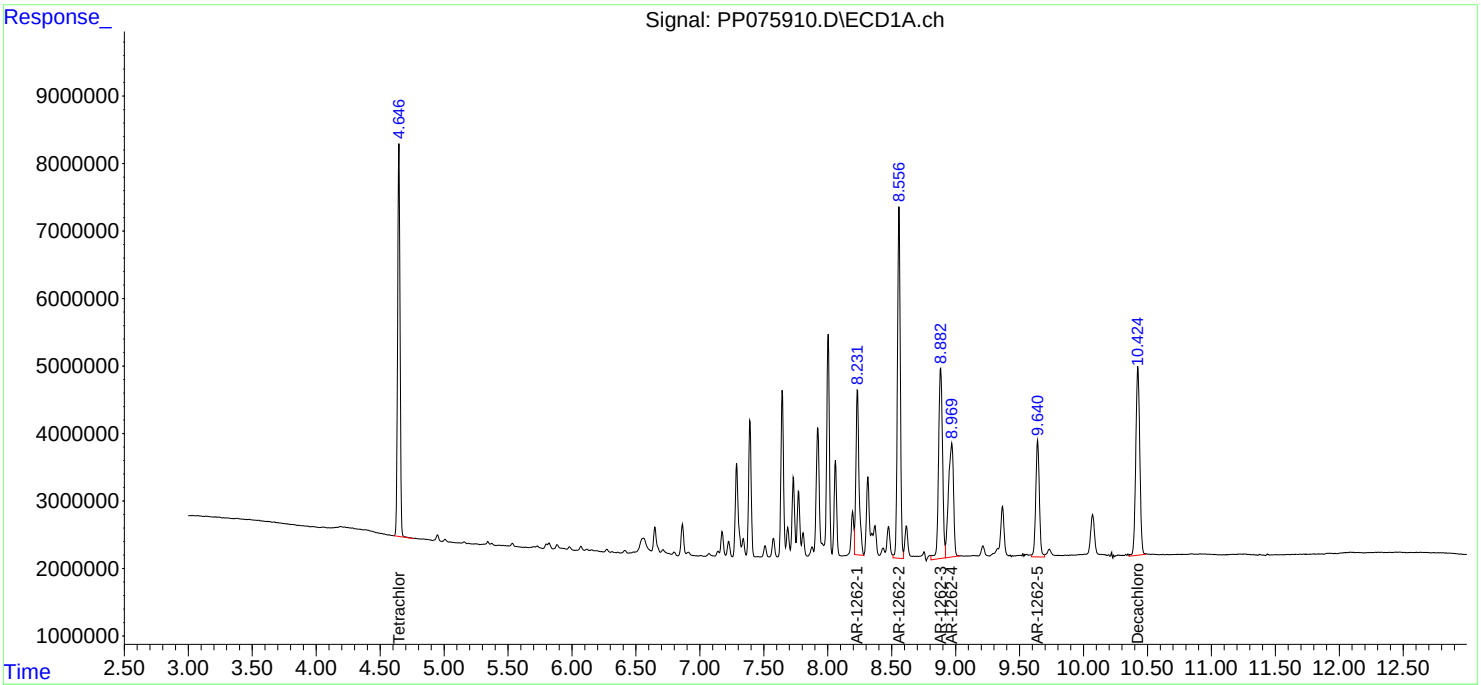
ICAL Form

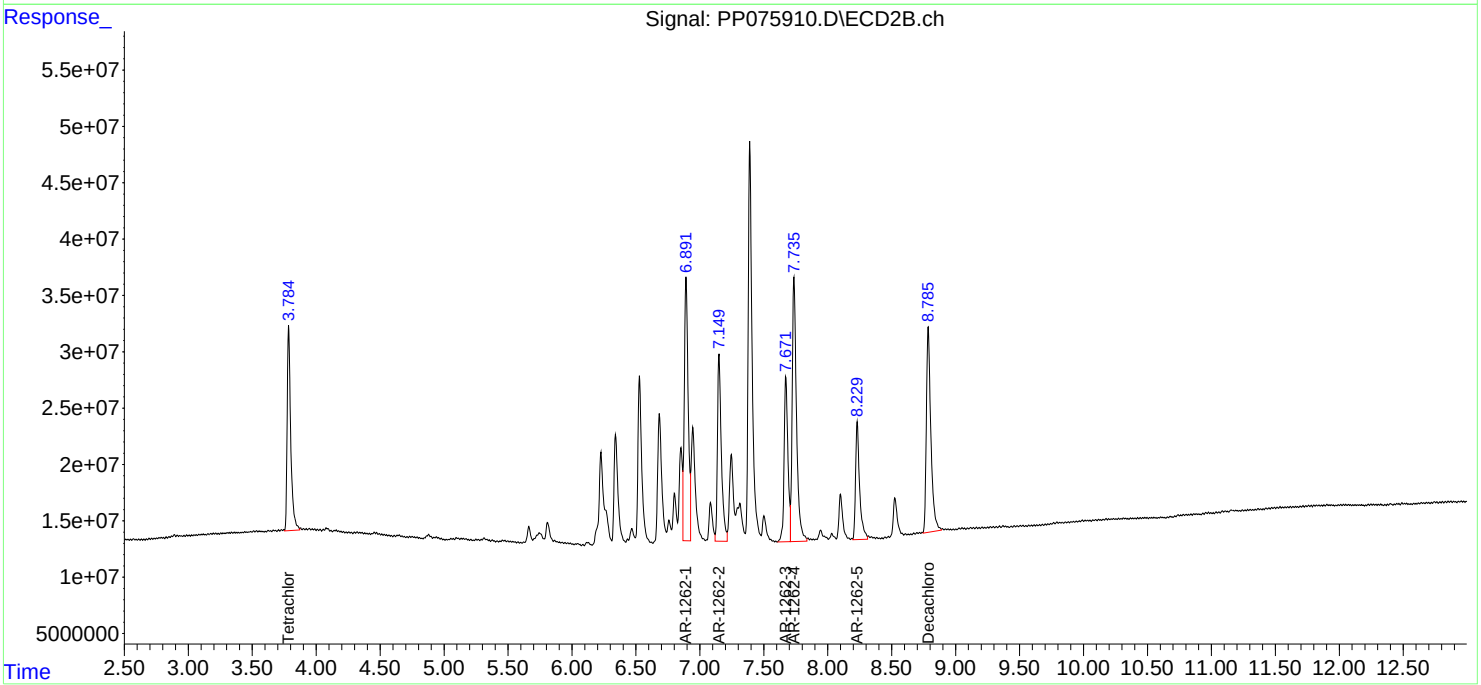
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075910.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:40
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

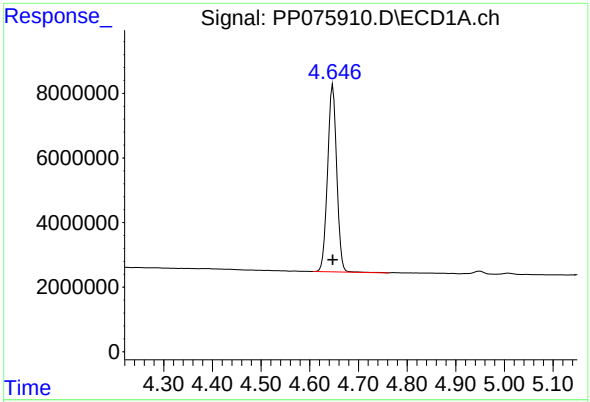
**Instrument :**
ECD_P
**ClientSampleId :**
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:21:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:20:51 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



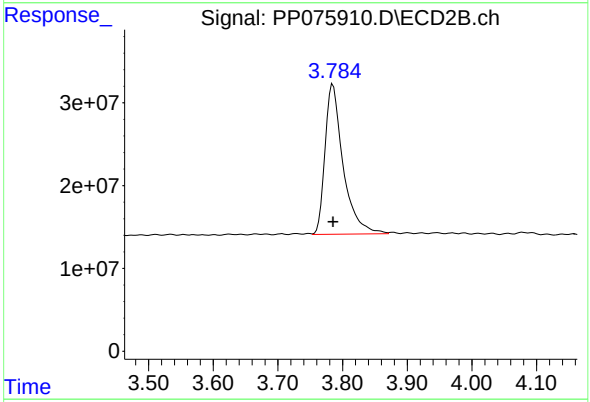






#1 Tetrachloro-m-xylene

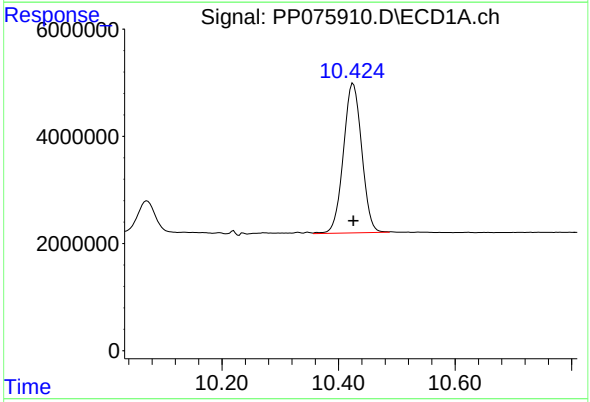
R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 76058633
Conc: 50.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1262ICC500



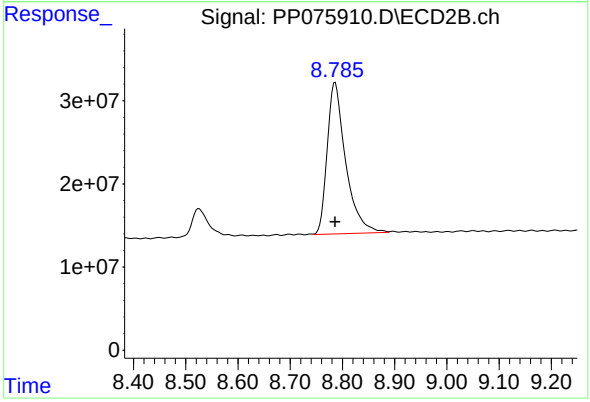

#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 352032455
Conc: 50.00 ng/ml



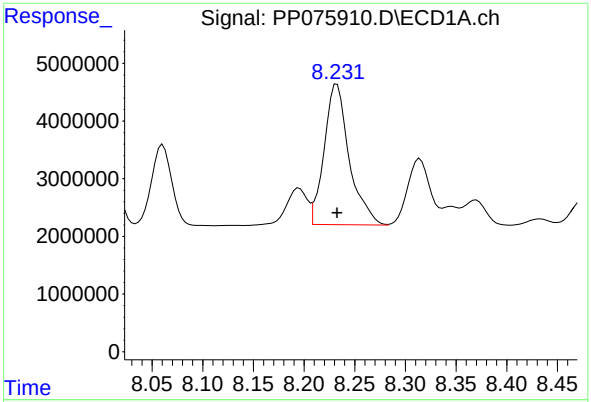

#2 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: 0.000 min
Response: 61011705
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

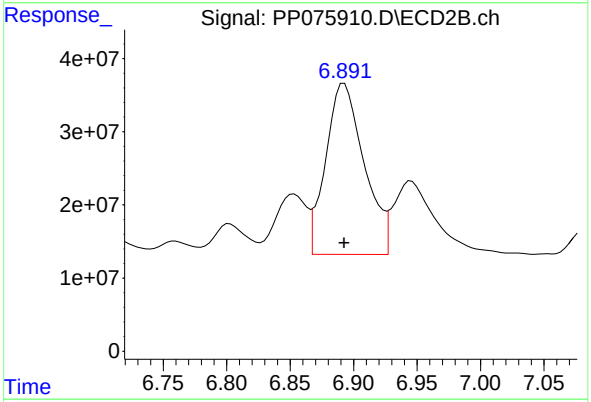
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 448136268
Conc: 50.00 ng/ml




#36 AR-1262-1

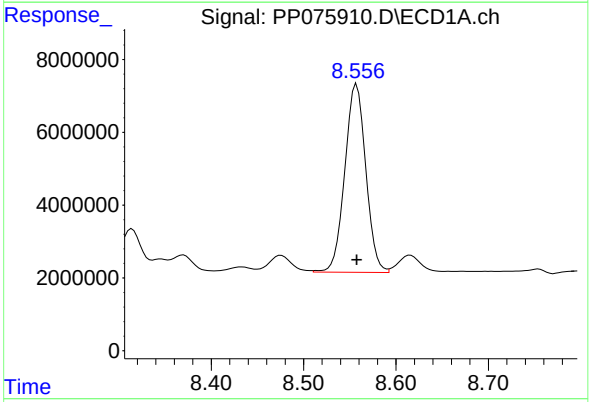
R.T.: 8.232 min
Delta R.T.: 0.000 min
Response: 42013007
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1262ICC500



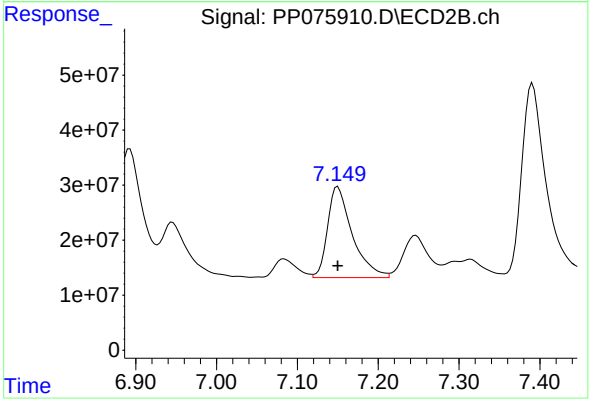

#36 AR-1262-1

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 493476067
Conc: 500.00 ng/ml



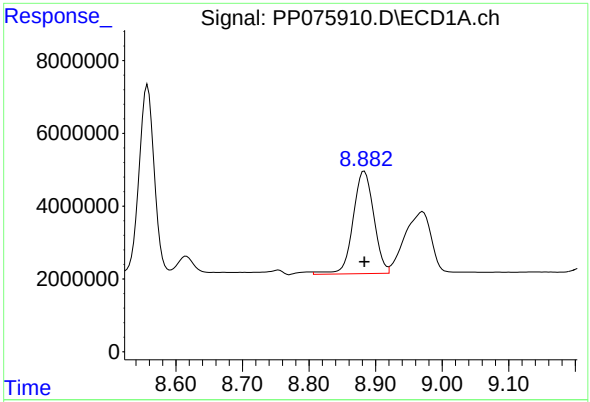

#37 AR-1262-2

R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 81834582
Conc: 500.00 ng/ml




#37 AR-1262-2

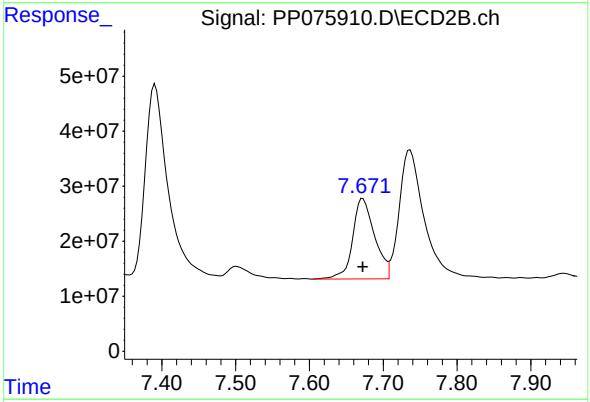
R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 351603586
Conc: 500.00 ng/ml




#38 AR-1262-3

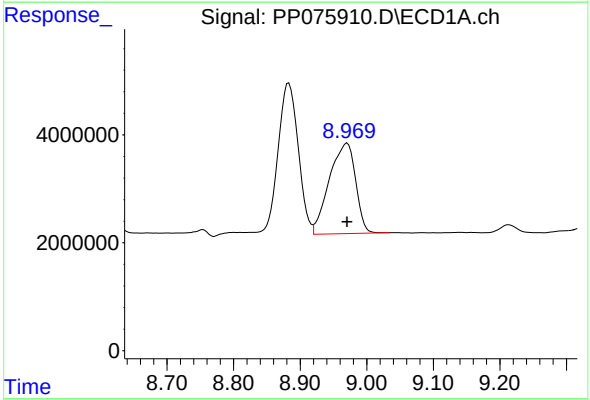
R.T.: 8.883 min
Delta R.T.: 0.000 min
Response: 60893486
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1262ICC500



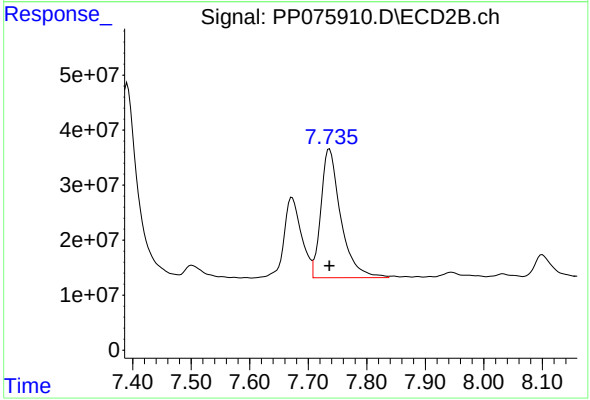

#38 AR-1262-3

R.T.: 7.672 min
Delta R.T.: 0.000 min
Response: 303480349
Conc: 500.00 ng/ml



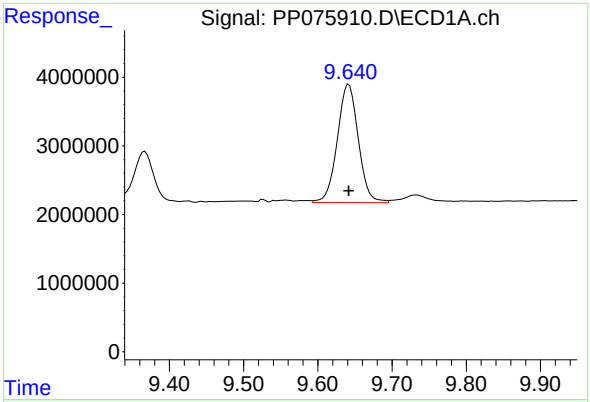

#39 AR-1262-4

R.T.: 8.971 min
Delta R.T.: 0.000 min
Response: 46055772
Conc: 500.00 ng/ml




#39 AR-1262-4

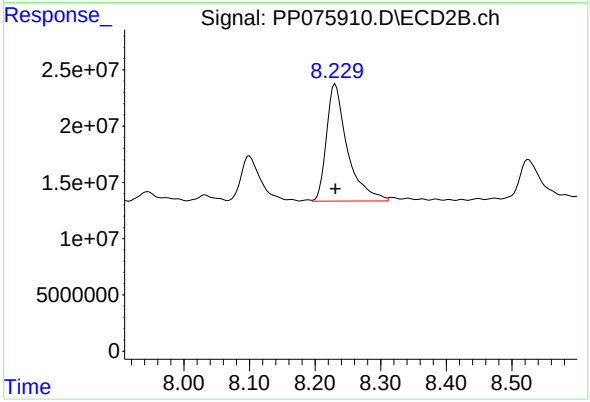
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 550668544
Conc: 500.00 ng/ml




#40 AR-1262-5

R.T.: 9.642 min
Delta R.T.: 0.000 min
Response: 33912301
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1262ICC500




#40 AR-1262-5

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 230745763
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:56
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: Oct 21 18:02:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 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... | 4.646 | 3.784 | 151.5E6 | 749.9E6 | 97.157 | 99.641 |
| 2) | SA Decachlor... | 10.424 | 8.785 | 198.8E6 | 1671.8E6 | 95.543 | 99.055 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.878 | 7.673 | 186.7E6 | 1831.6E6 | 951.896 | 992.615 |
| 42) | L9 AR-1268-2 | 8.973 | 7.737 | 172.5E6 | 1800.4E6 | 956.477 | 1001.376 |
| 43) | L9 AR-1268-3 | 9.213 | 7.944 | 145.2E6 | 1369.8E6 | 961.447 | 988.116 |
| 44) | L9 AR-1268-4 | 9.640 | 8.230 | 71036137 | 542.8E6 | 963.668 | 1002.321 |
| 45) | L9 AR-1268-5 | 10.071 | 8.526 | 446.4E6 | 3855.5E6 | 968.612 | 979.920 |

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

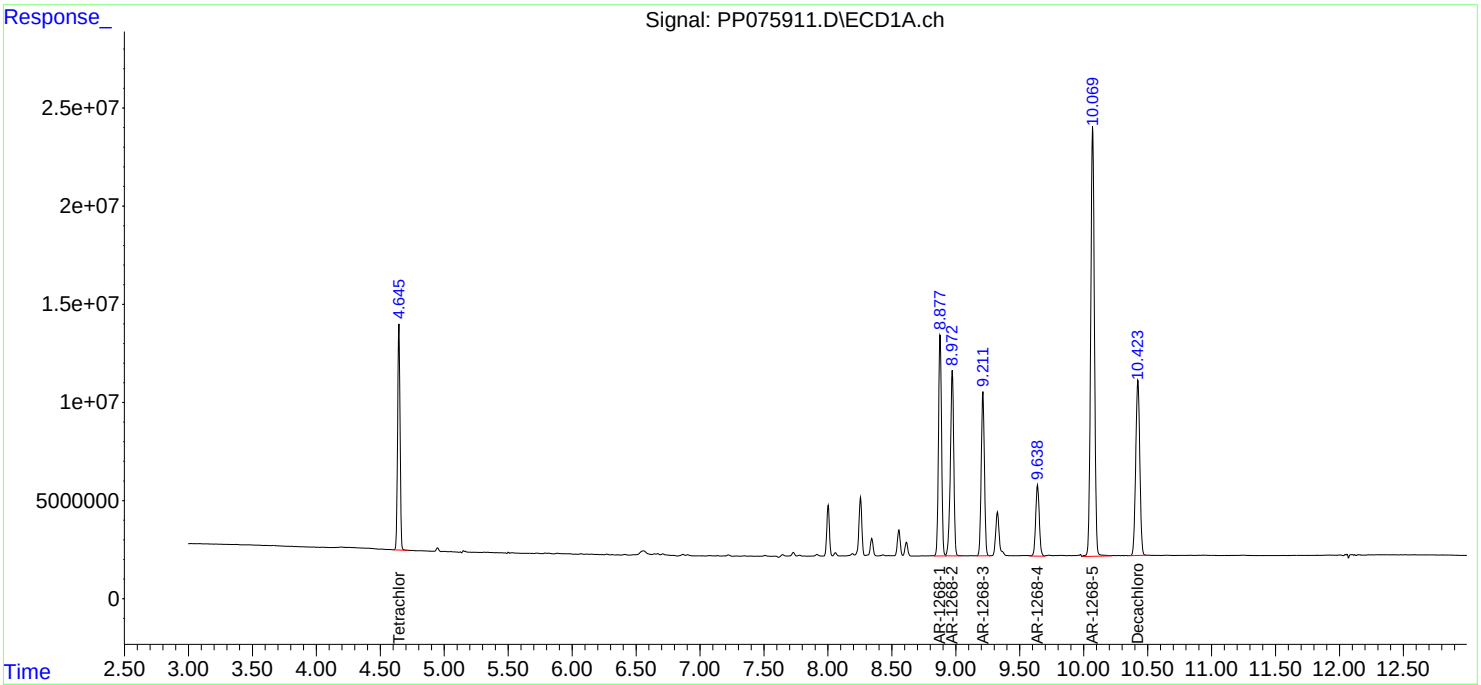
ICAL Form

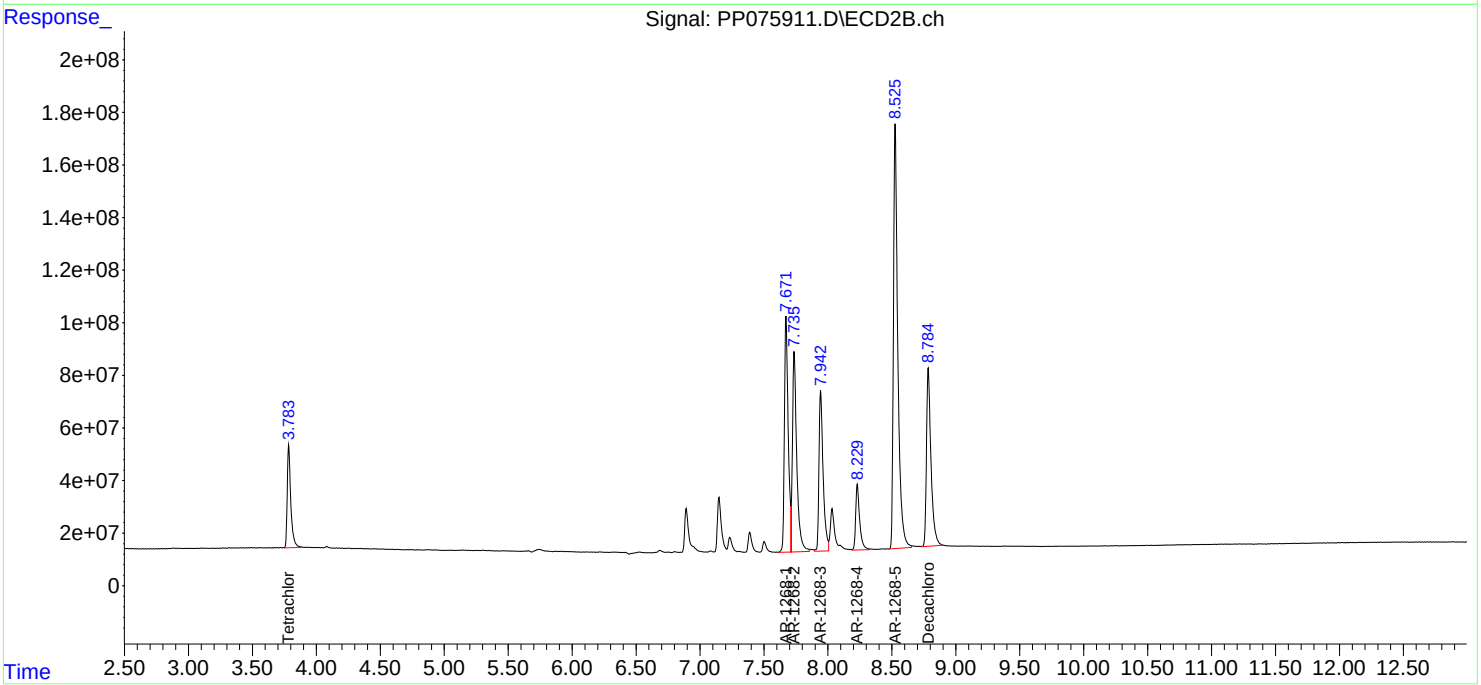
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:56
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

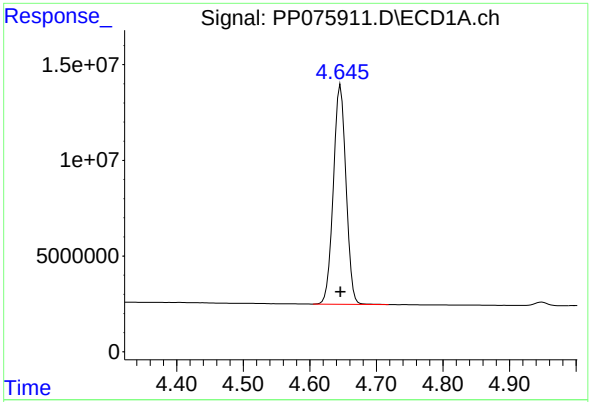
**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:02:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 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



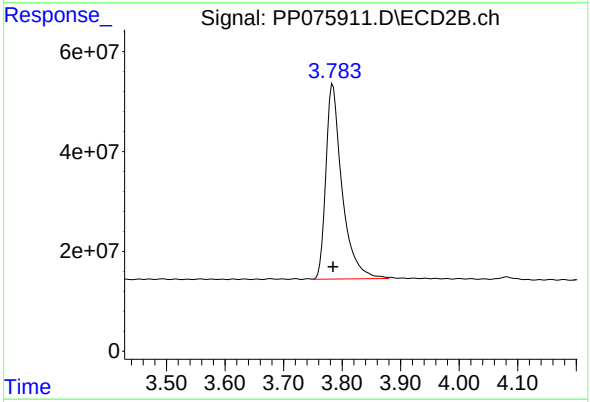






#1 Tetrachloro-m-xylene

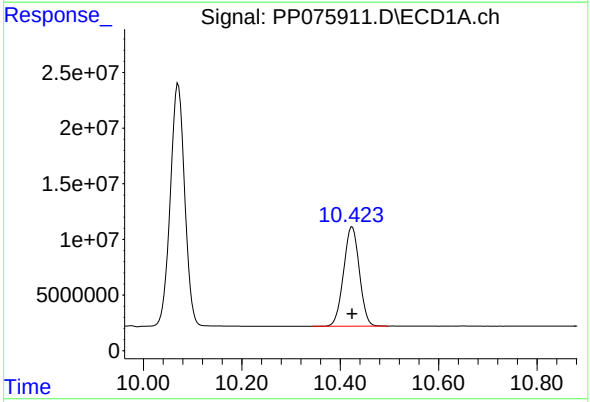
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 151508304
Conc: 97.16 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC1000



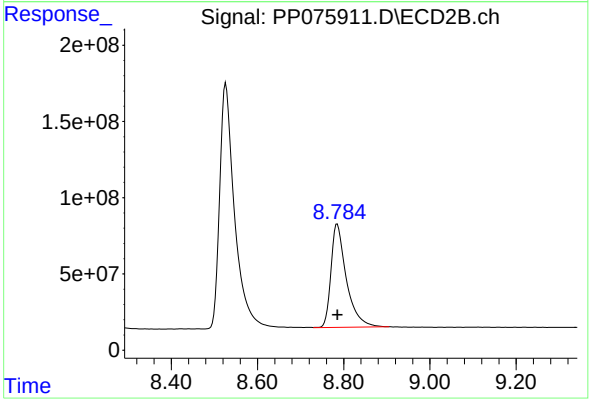

#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 749940088
Conc: 99.64 ng/ml



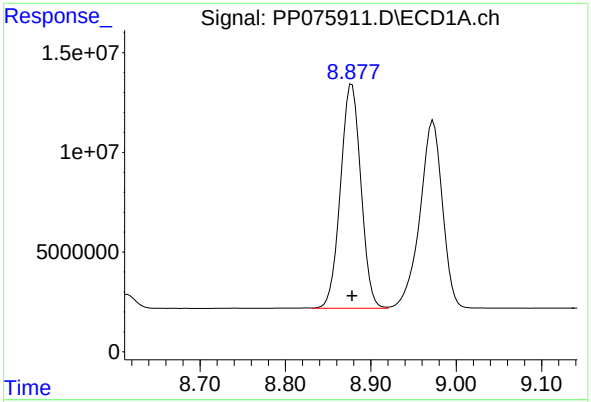

#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 198839487
Conc: 95.54 ng/ml




#2 Decachlorobiphenyl

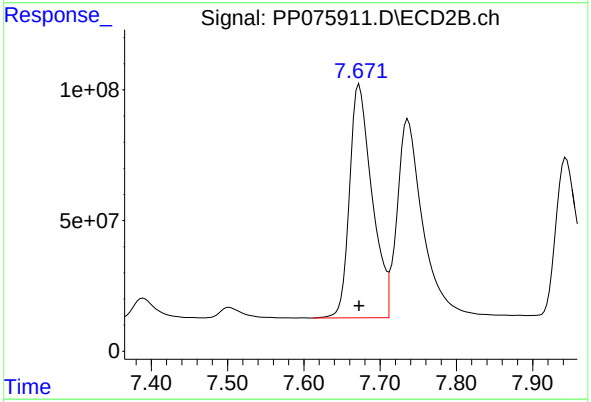
R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 1671833237
Conc: 99.05 ng/ml




#41 AR-1268-1

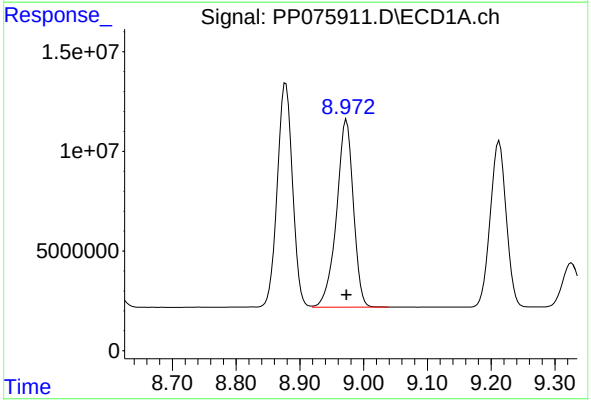
R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 186733090
Conc: 951.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC1000



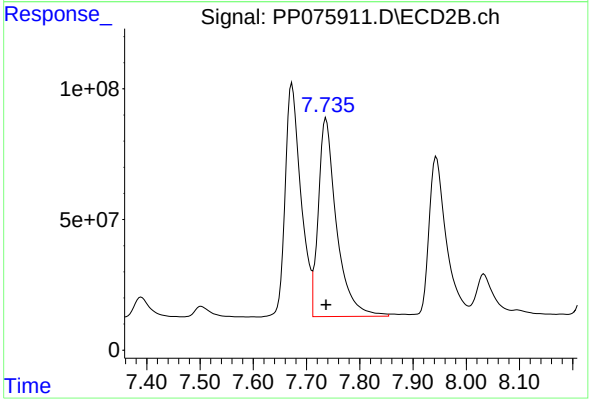

#41 AR-1268-1

R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 1831610079
Conc: 992.62 ng/ml



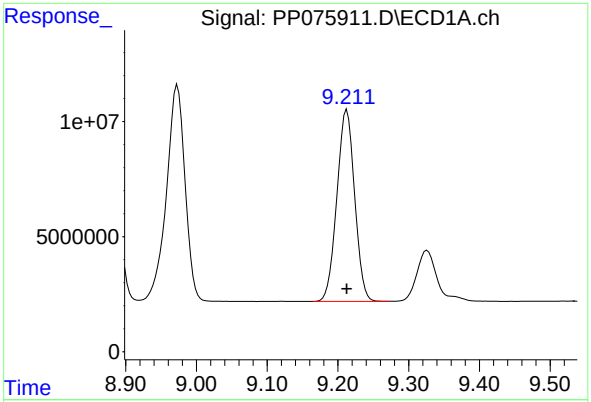

#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 172486766
Conc: 956.48 ng/ml




#42 AR-1268-2

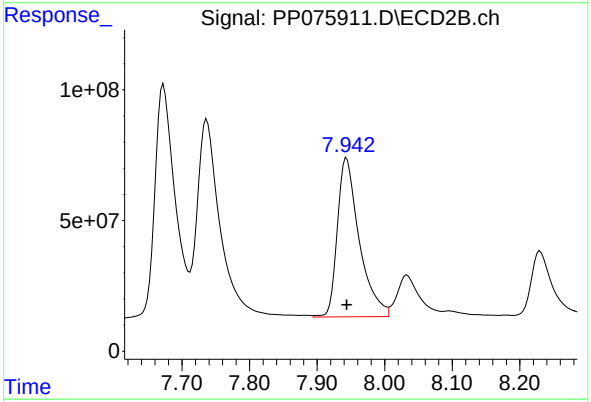
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 1800363506
Conc: 1001.38 ng/ml




#43 AR-1268-3

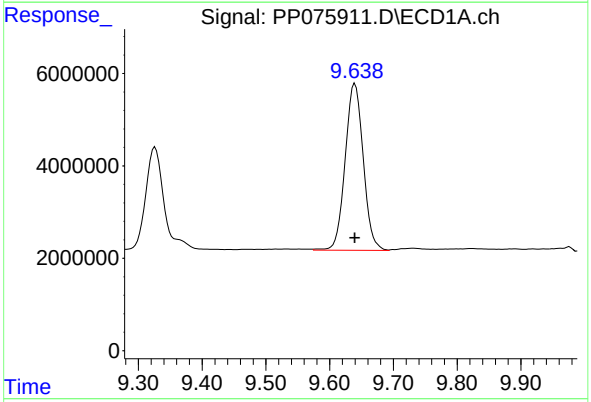
R.T.: 9.213 min
Delta R.T.: 0.000 min
Response: 145245892
Conc: 961.45 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC1000



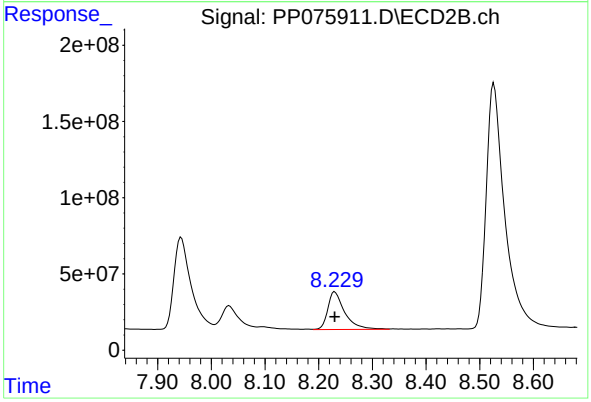

#43 AR-1268-3

R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 1369797429
Conc: 988.12 ng/ml



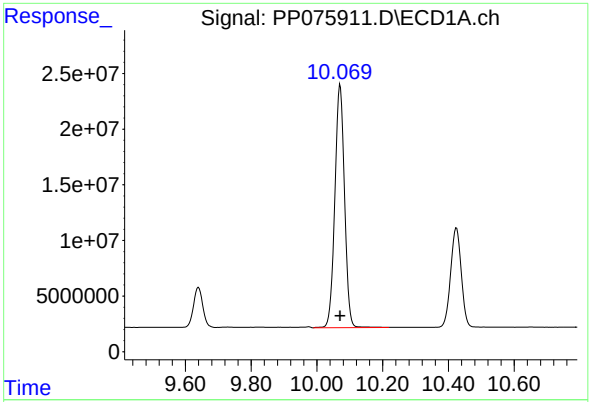

#44 AR-1268-4

R.T.: 9.640 min
Delta R.T.: 0.000 min
Response: 71036137
Conc: 963.67 ng/ml




#44 AR-1268-4

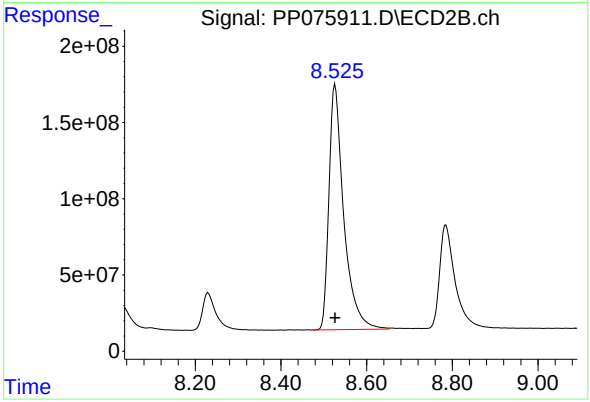
R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 542764588
Conc: 1002.32 ng/ml




#45 AR-1268-5

R.T.: 10.071 min
Delta R.T.: 0.000 min
Response: 446420076
Conc: 968.61 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC1000




#45 AR-1268-5

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 3855476951
Conc: 979.92 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:12
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:06:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 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... | 4.646 | 3.783 | 116.2E6 | 564.9E6 | 74.674 | 75.037 |
| 2) | SA Decachlor... | 10.423 | 8.784 | 155.7E6 | 1249.5E6 | 74.863 | 74.351 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.877 | 7.671 | 146.3E6 | 1360.1E6 | 747.184 | 741.339 |
| 42) | L9 AR-1268-2 | 8.973 | 7.736 | 134.4E6 | 1329.3E6 | 746.666 | 742.894 |
| 43) | L9 AR-1268-3 | 9.211 | 7.943 | 112.7E6 | 1019.0E6 | 747.385 | 739.990 |
| 44) | L9 AR-1268-4 | 9.640 | 8.229 | 56104264 | 402.6E6 | 757.366 | 745.626 |
| 45) | L9 AR-1268-5 | 10.070 | 8.525 | 344.2E6 | 2925.3E6 | 747.861 | 745.651 |

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

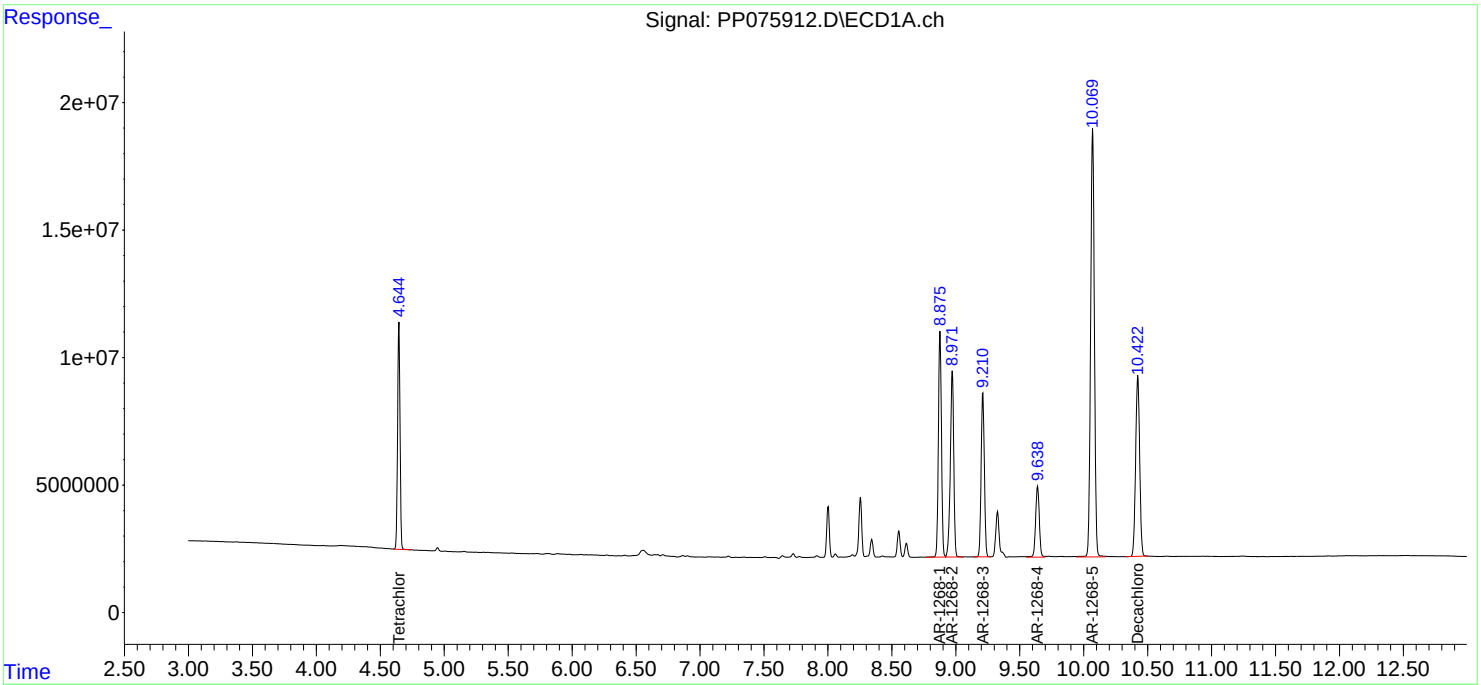
ICAL Form

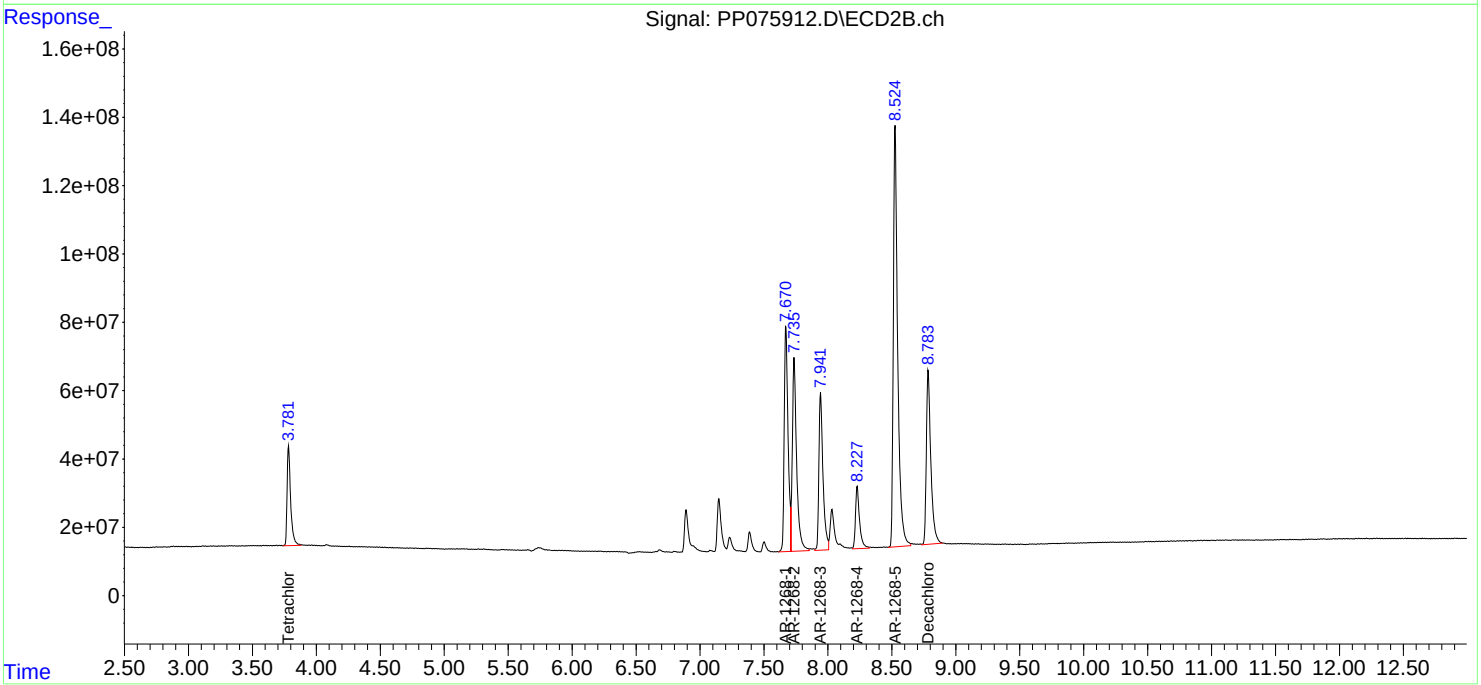
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:12
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

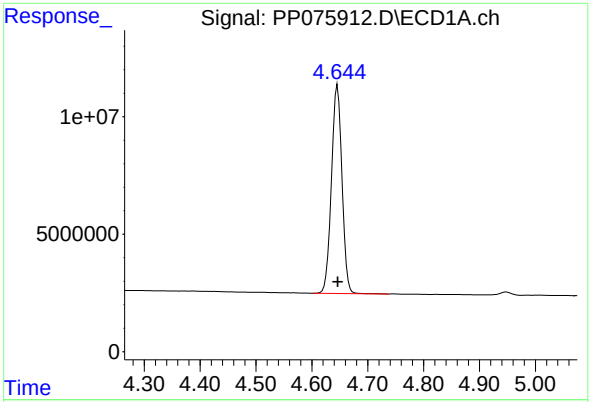
**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:06:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 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



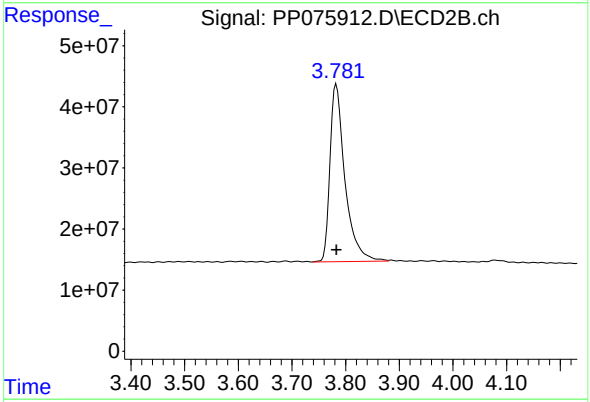






#1 Tetrachloro-m-xylene

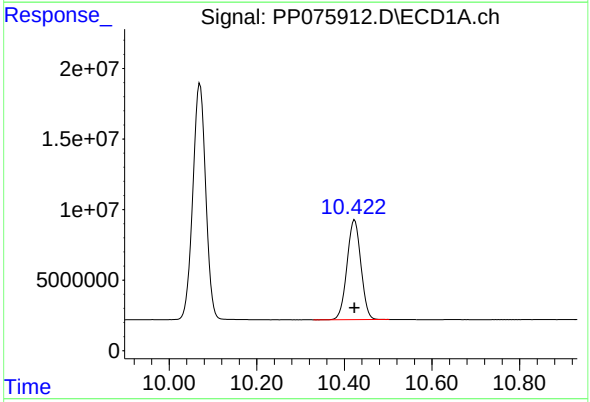
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 116194915
Conc: 74.67 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC750



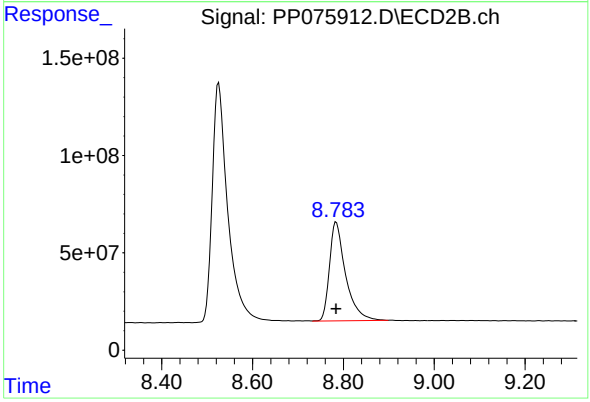

#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 564897971
Conc: 75.04 ng/ml



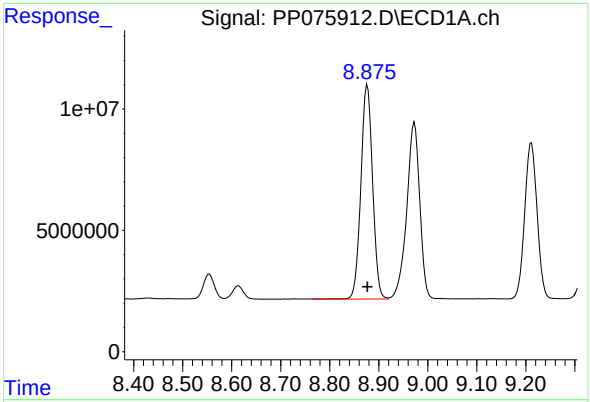

#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.000 min
Response: 155657611
Conc: 74.86 ng/ml




#2 Decachlorobiphenyl

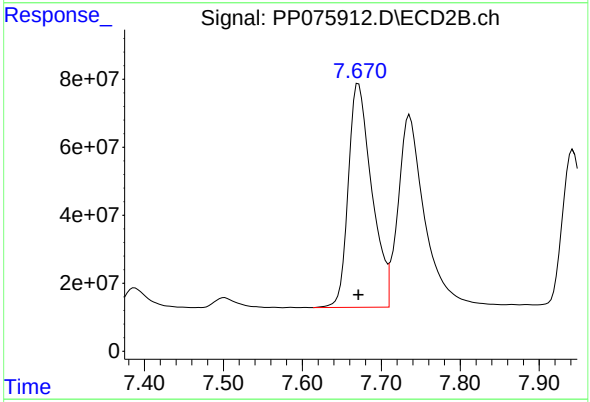
R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 1249480376
Conc: 74.35 ng/ml




#41 AR-1268-1

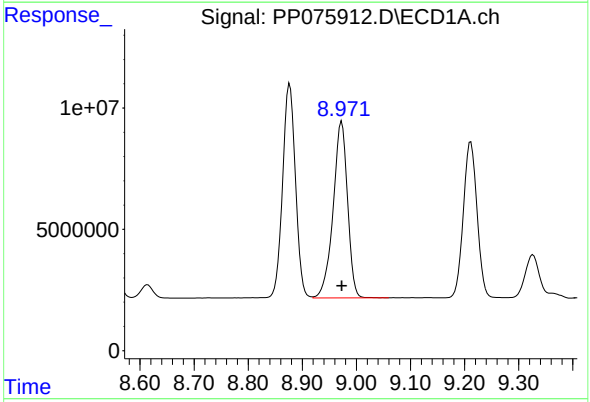
R.T.: 8.877 min
Delta R.T.: 0.000 min
Response: 146300214
Conc: 747.18 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC750



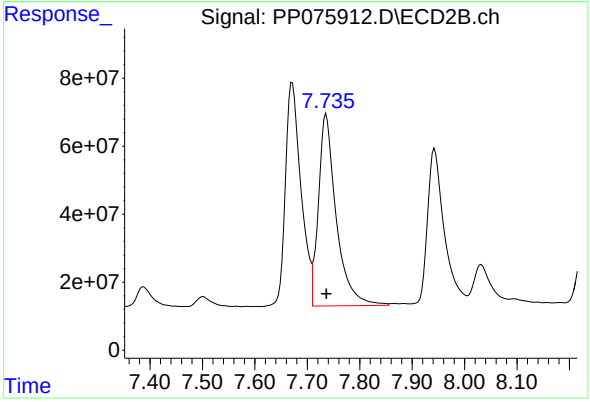

#41 AR-1268-1

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 1360092582
Conc: 741.34 ng/ml



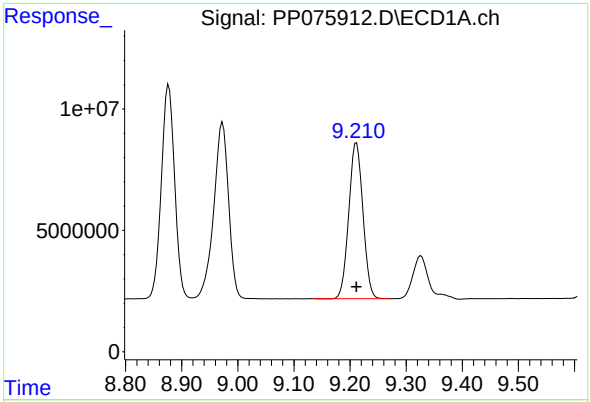

#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 134351598
Conc: 746.67 ng/ml




#42 AR-1268-2

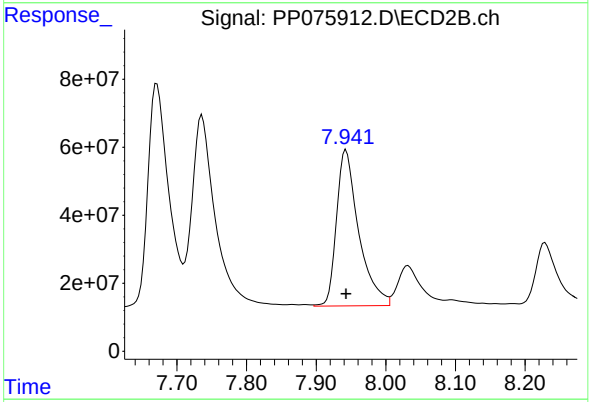
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 1329343692
Conc: 742.89 ng/ml




#43 AR-1268-3

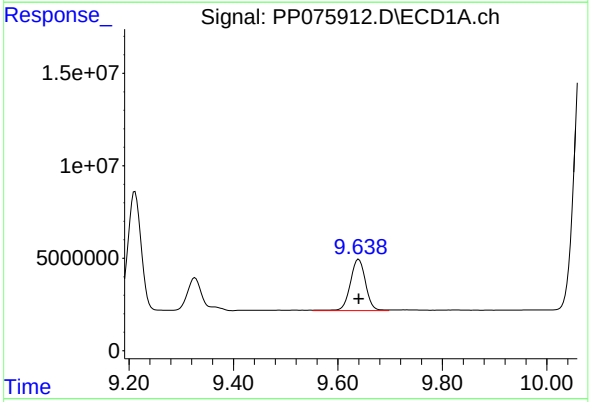
R.T.: 9.211 min
Delta R.T.: 0.000 min
Response: 112711035
Conc: 747.39 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC750



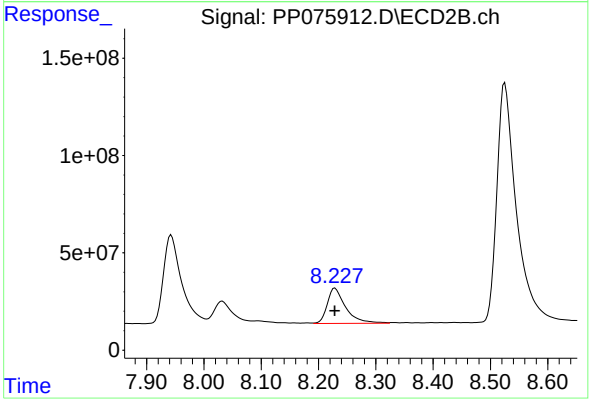

#43 AR-1268-3

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 1019026233
Conc: 739.99 ng/ml



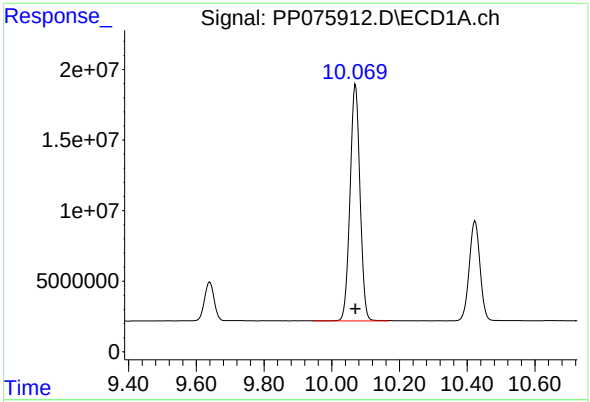

#44 AR-1268-4

R.T.: 9.640 min
Delta R.T.: 0.000 min
Response: 56104264
Conc: 757.37 ng/ml




#44 AR-1268-4

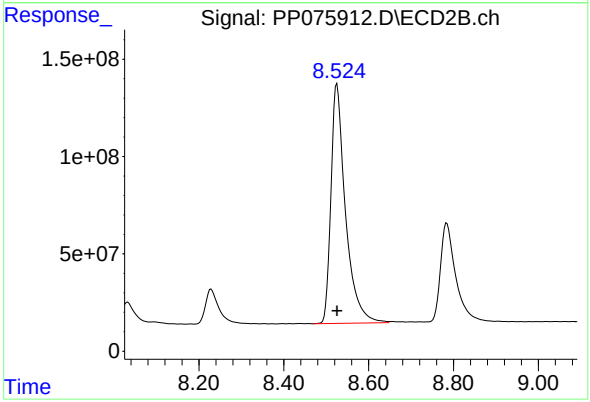
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 402588428
Conc: 745.63 ng/ml




#45 AR-1268-5

R.T.: 10.070 min
Delta R.T.: 0.000 min
Response: 344188156
Conc: 747.86 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC750




#45 AR-1268-5

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 2925269569
Conc: 745.65 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:29
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: Oct 21 17:59:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 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... | 4.647 | 3.785 | 80186895 | 377.7E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.424 | 8.785 | 108.7E6 | 851.9E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.878 | 7.673 | 102.8E6 | 929.4E6 | 500.000 | 500.000 |
| 42) | L9 AR-1268-2 | 8.973 | 7.737 | 94092052 | 897.7E6 | 500.000 | 500.000 |
| 43) | L9 AR-1268-3 | 9.213 | 7.943 | 78447140 | 701.4E6 | 500.000 | 500.000 |
| 44) | L9 AR-1268-4 | 9.641 | 8.229 | 38196242 | 270.1E6 | 500.000 | 500.000 |
| 45) | L9 AR-1268-5 | 10.070 | 8.526 | 237.7E6 | 2006.7E6 | 500.000 | 500.000 |

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

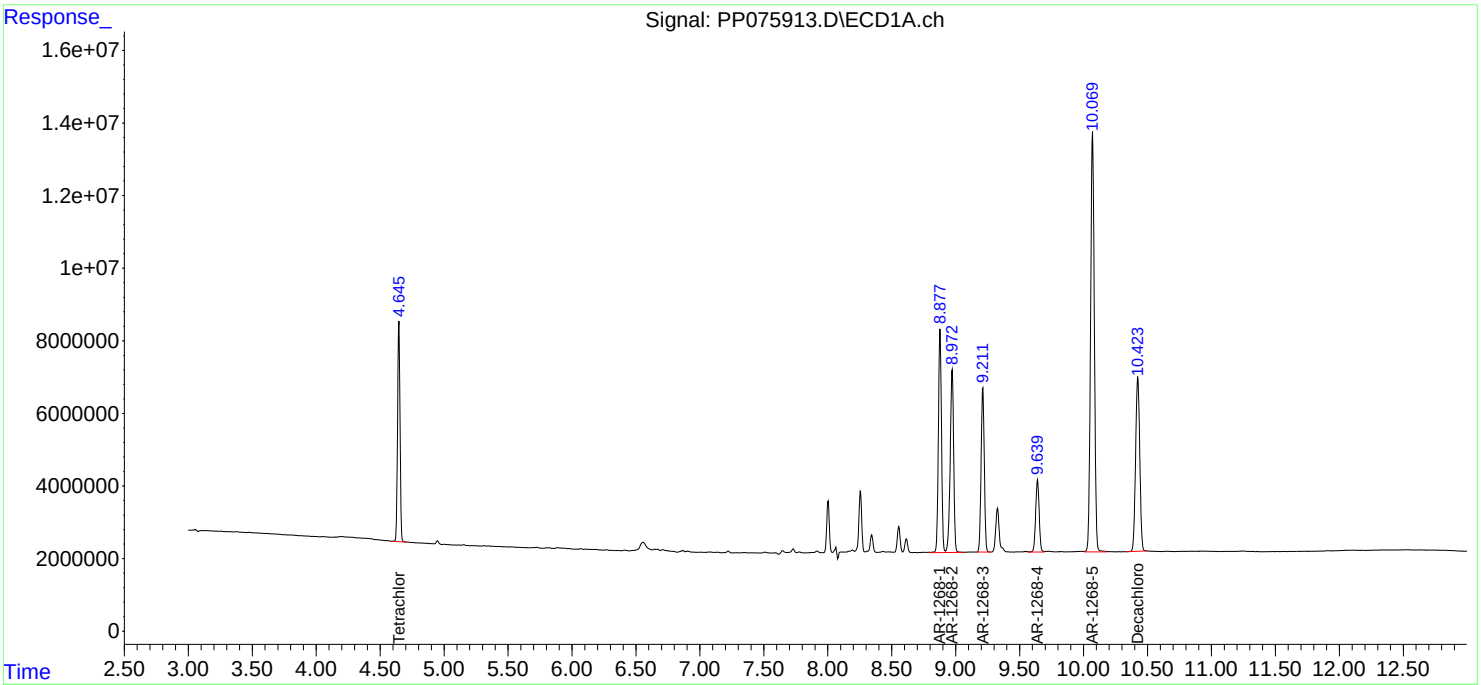
ICAL Form

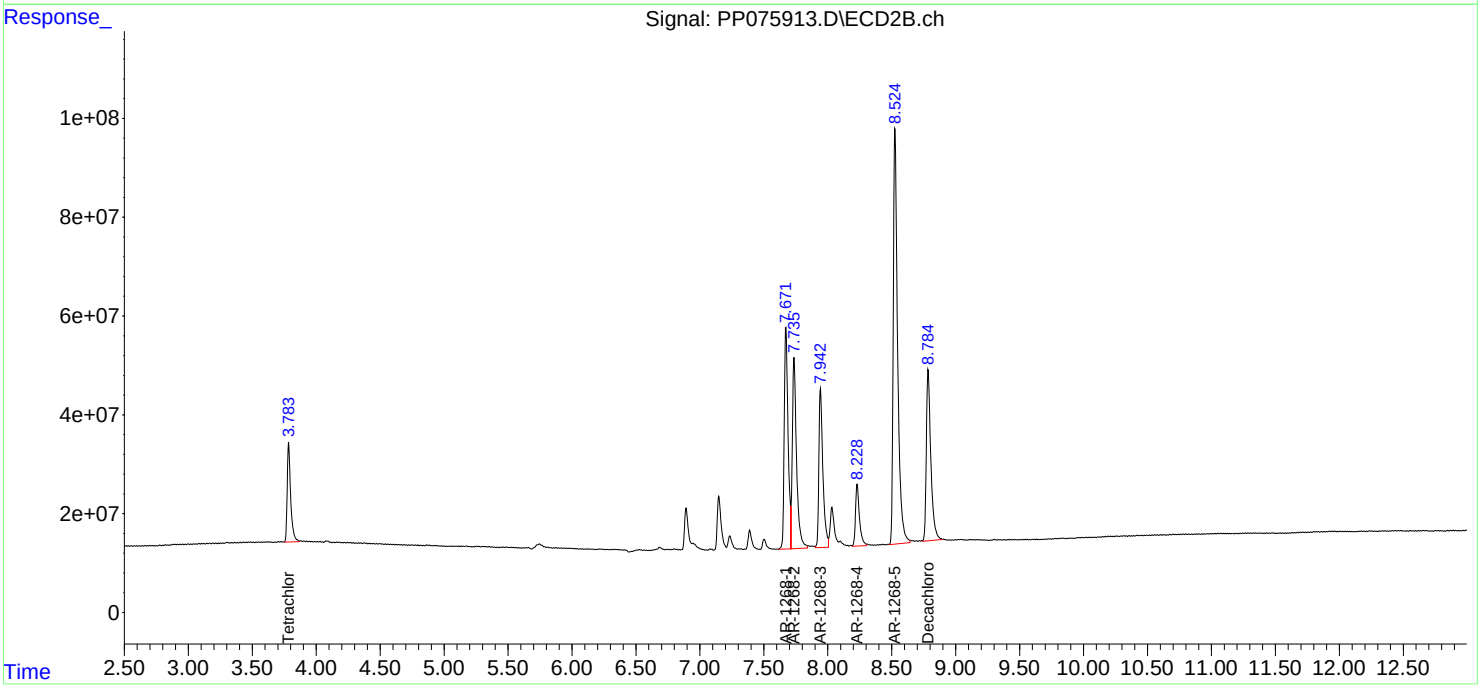
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:29
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

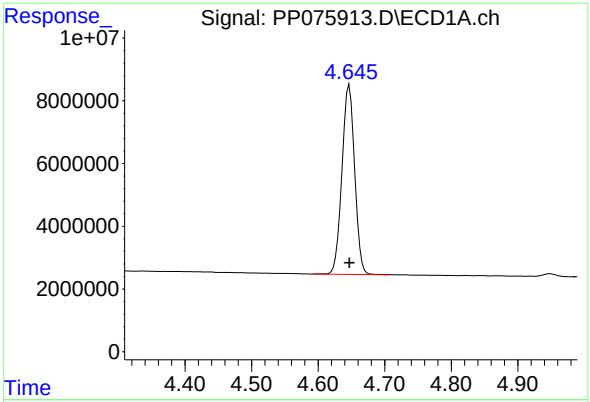
**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:59:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 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



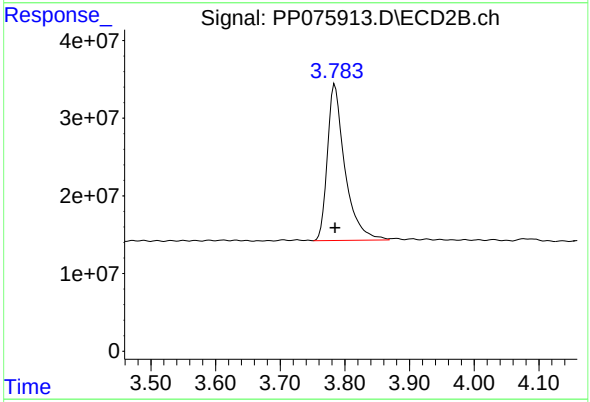






#1 Tetrachloro-m-xylene

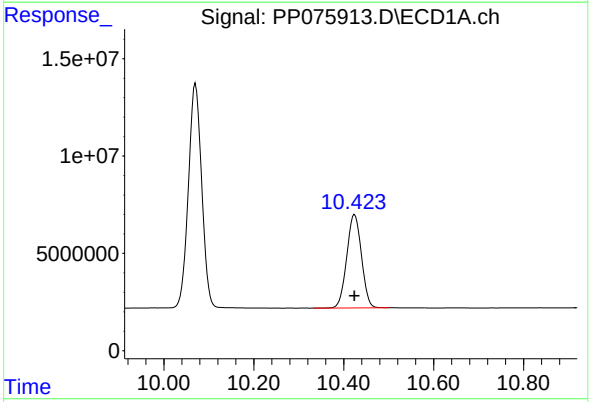
R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 80186895
Conc: 50.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC500



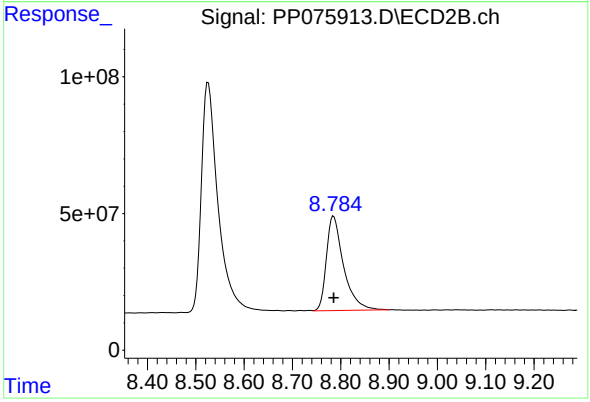

#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 377671573
Conc: 50.00 ng/ml



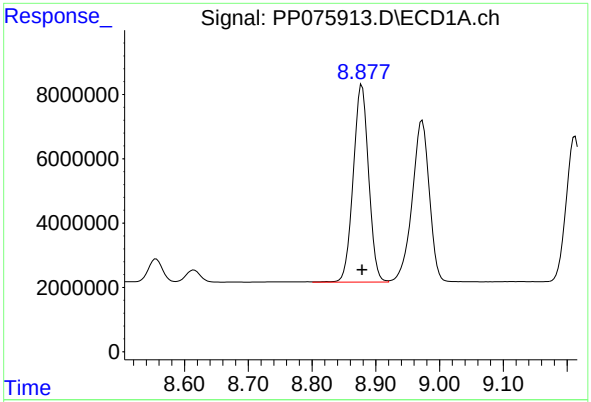

#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 108695342
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

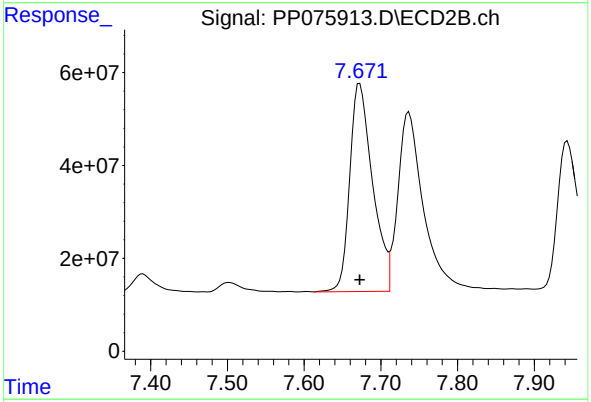
R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 851873809
Conc: 50.00 ng/ml




#41 AR-1268-1

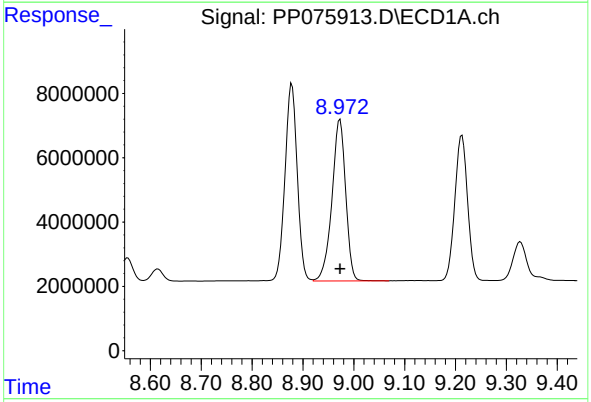
R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 102803074
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC500



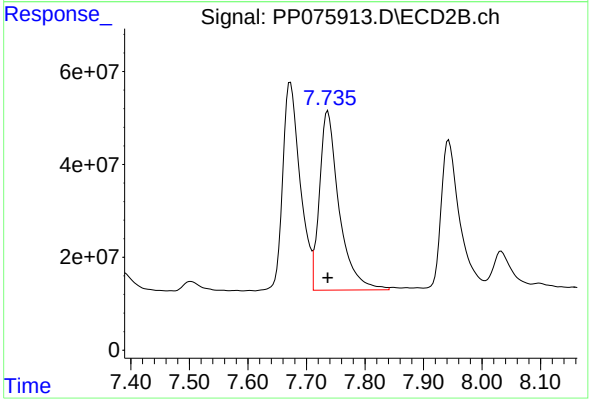

#41 AR-1268-1

R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 929431654
Conc: 500.00 ng/ml



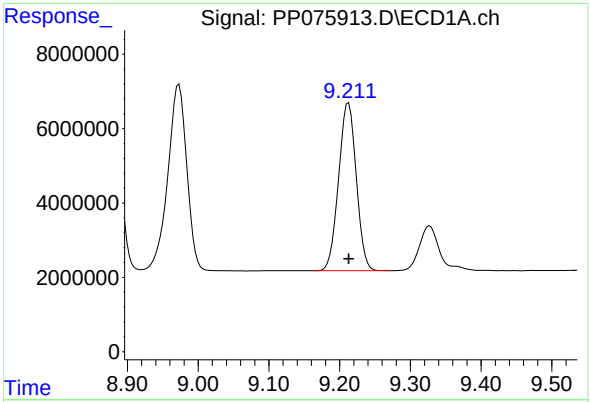

#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 94092052
Conc: 500.00 ng/ml




#42 AR-1268-2

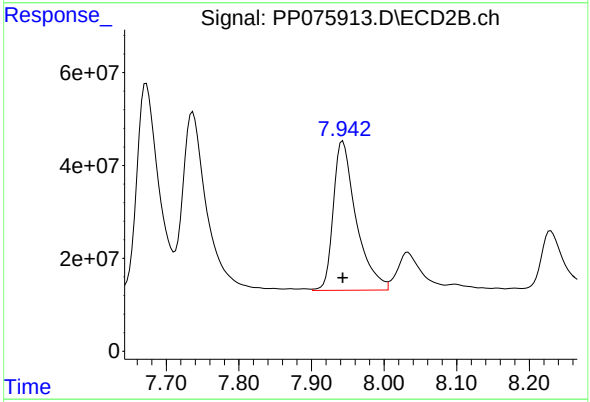
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 897707664
Conc: 500.00 ng/ml




#43 AR-1268-3

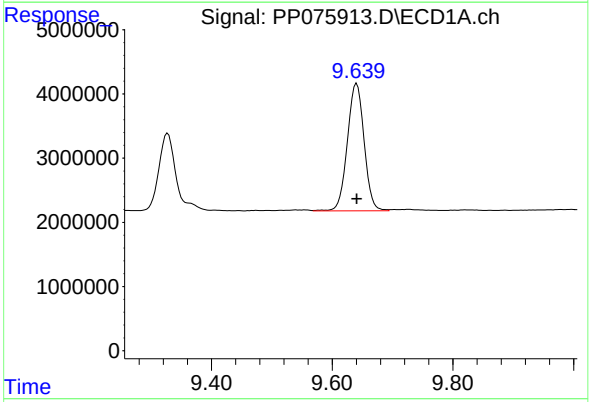
R.T.: 9.213 min
Delta R.T.: 0.000 min
Response: 78447140
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC500



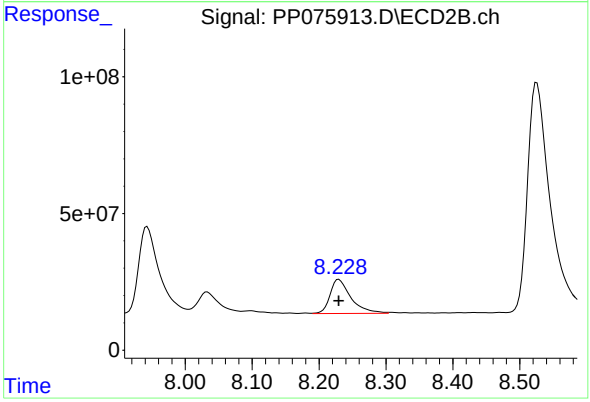

#43 AR-1268-3

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 701373021
Conc: 500.00 ng/ml



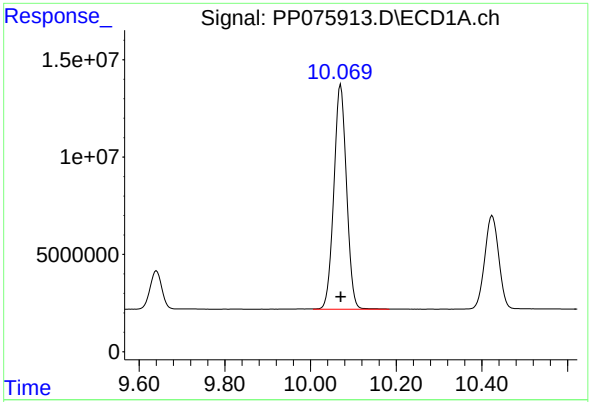

#44 AR-1268-4

R.T.: 9.641 min
Delta R.T.: 0.000 min
Response: 38196242
Conc: 500.00 ng/ml




#44 AR-1268-4

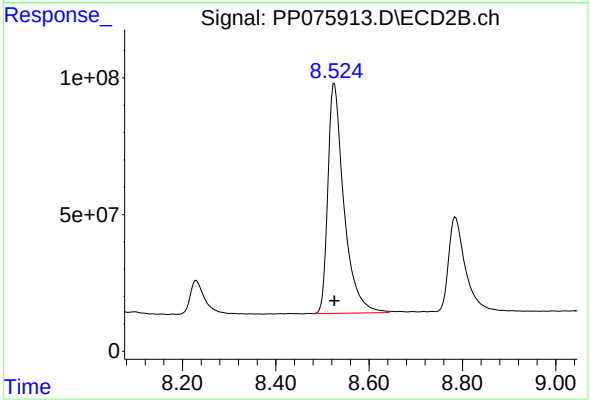
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 270125720
Conc: 500.00 ng/ml




#45 AR-1268-5

R.T.: 10.070 min
Delta R.T.: 0.000 min
Response: 237676246
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC500




#45 AR-1268-5

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 2006744807
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:45
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:11:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 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... | 4.648 | 3.785 | 39777145 | 176.8E6 | 25.420 | 23.849 |
| 2) | SA Decachlor... | 10.427 | 8.786 | 55292786 | 404.9E6 | 26.176 | 24.316 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.880 | 7.673 | 52505558 | 433.0E6 | 263.374 | 239.361 |
| 42) | L9 AR-1268-2 | 8.975 | 7.737 | 47519594 | 415.5E6 | 260.422 | 236.426 |
| 43) | L9 AR-1268-3 | 9.214 | 7.943 | 39522518 | 339.7E6 | 258.947 | 247.491 |
| 44) | L9 AR-1268-4 | 9.642 | 8.231 | 19156803 | 125.4E6 | 256.397 | 236.500 |
| 45) | L9 AR-1268-5 | 10.073 | 8.527 | 120.0E6 | 927.0E6 | 257.945 | 239.576 |

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

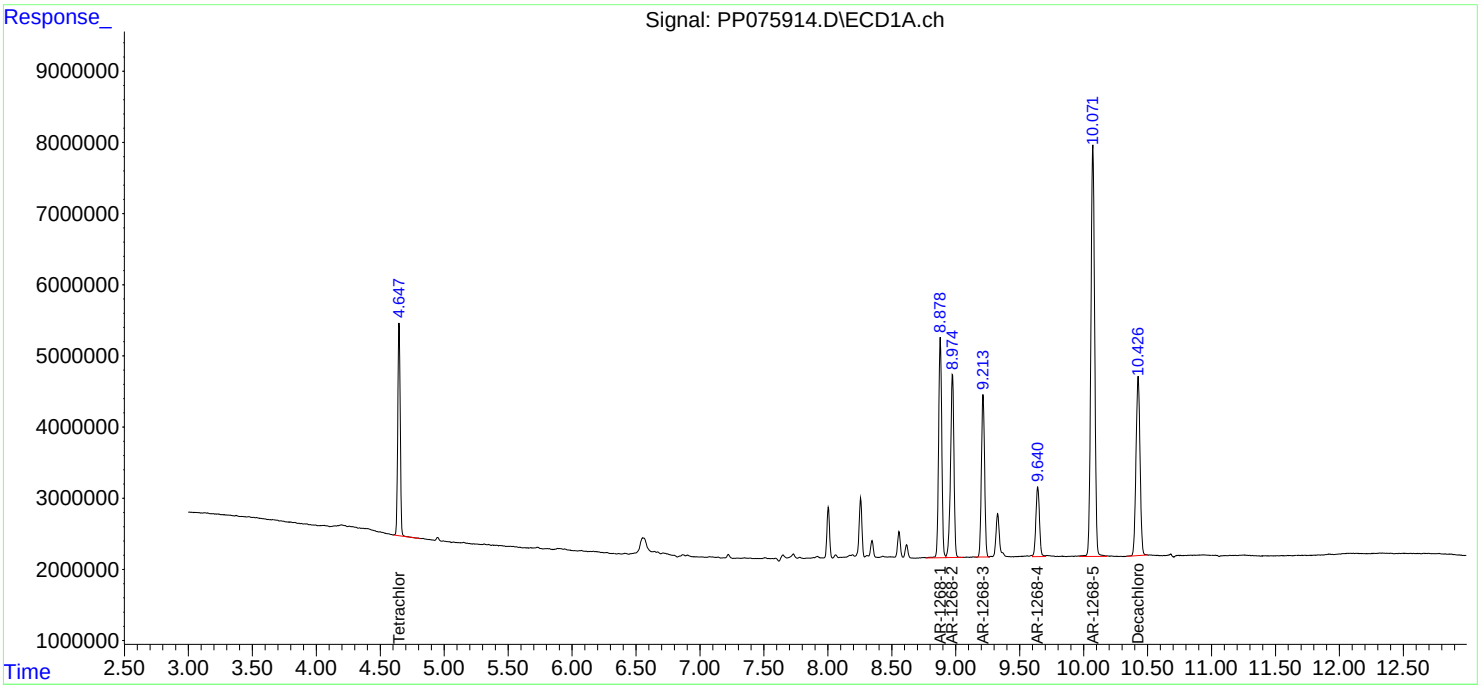
ICAL Form

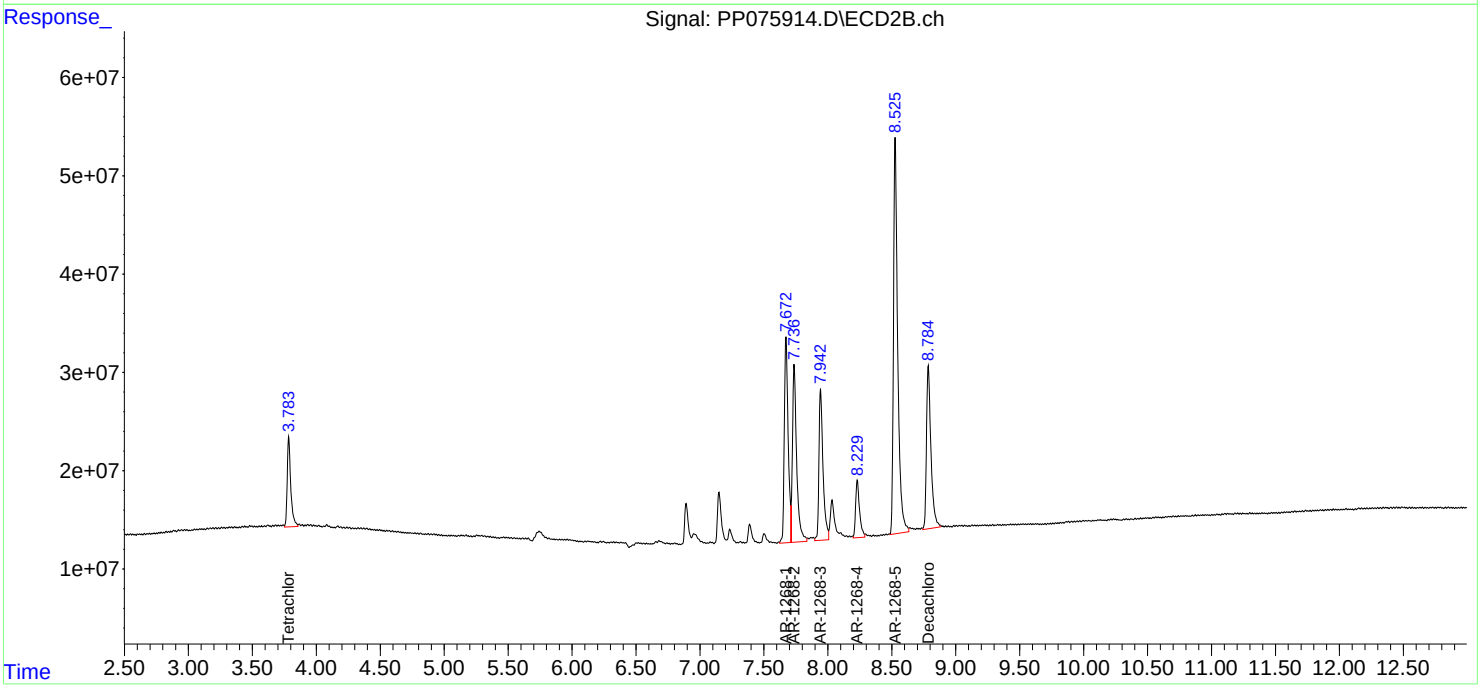
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:45
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

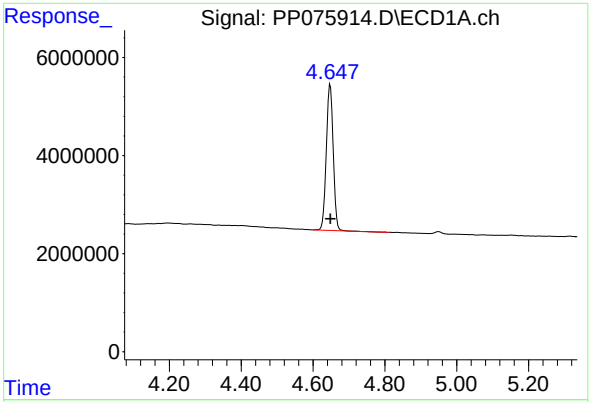
**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:11:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 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



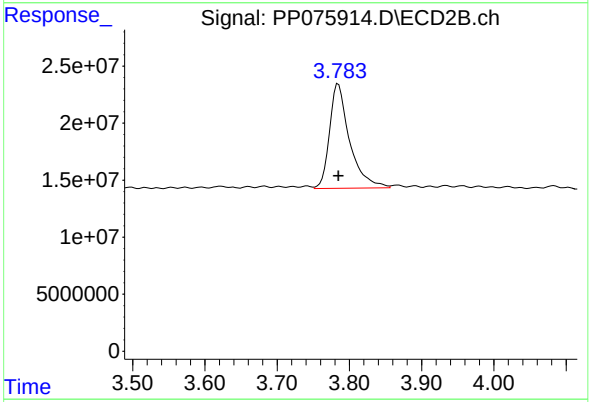






#1 Tetrachloro-m-xylene

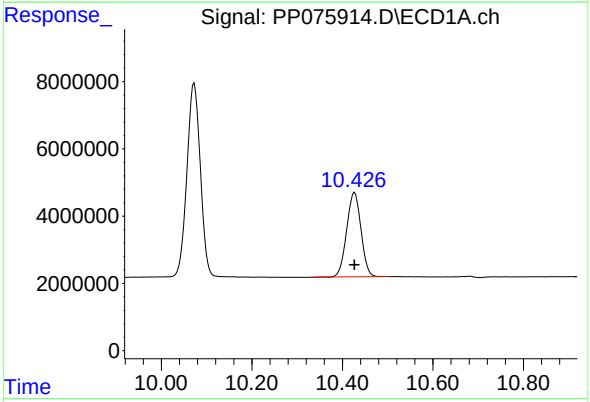
R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 39777145
Conc: 25.42 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC250



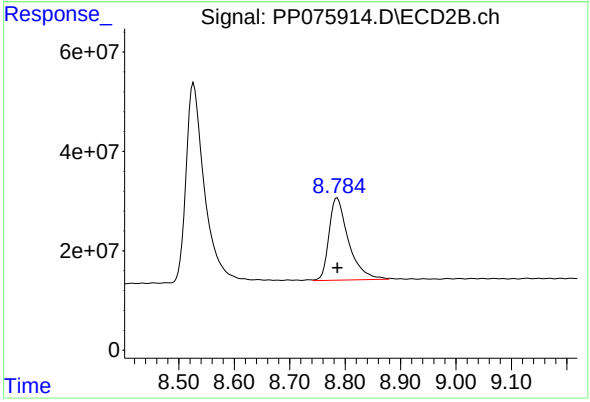

#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 176826870
Conc: 23.85 ng/ml



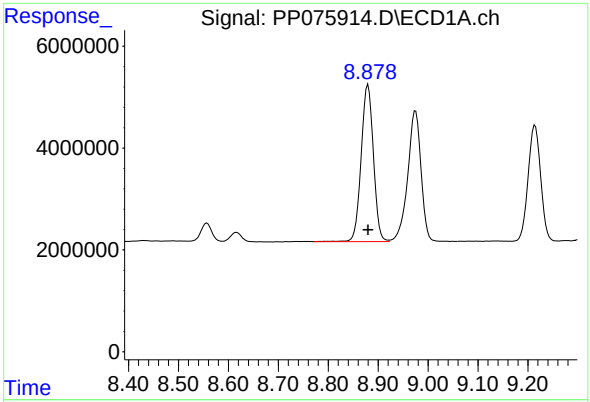

#2 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: 0.000 min
Response: 55292786
Conc: 26.18 ng/ml




#2 Decachlorobiphenyl

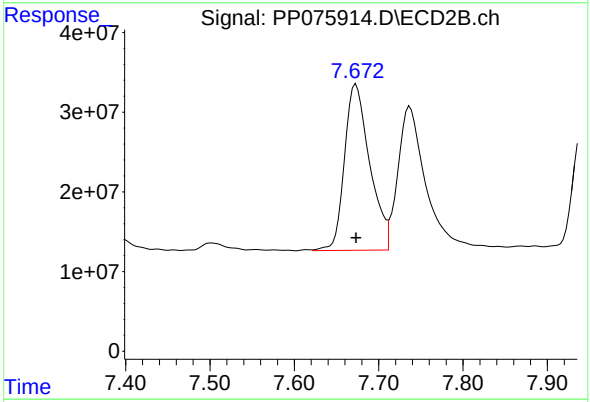
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 404933663
Conc: 24.32 ng/ml




#41 AR-1268-1

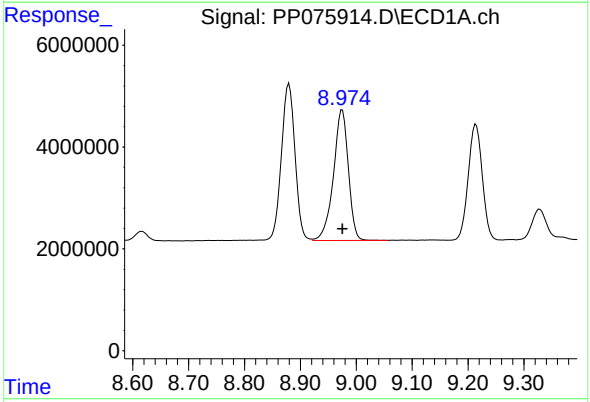
R.T.: 8.880 min
Delta R.T.: 0.000 min
Response: 52505558
Conc: 263.37 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC250



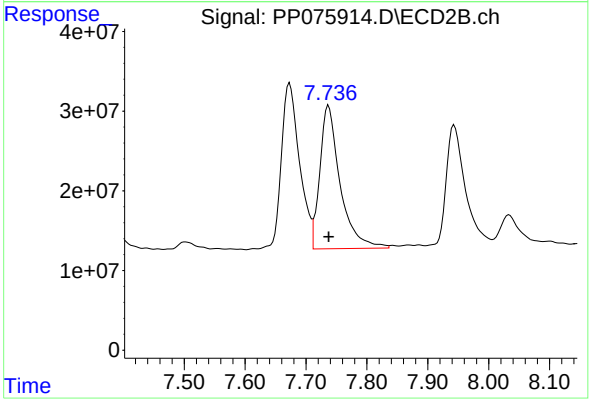

#41 AR-1268-1

R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 433000119
Conc: 239.36 ng/ml



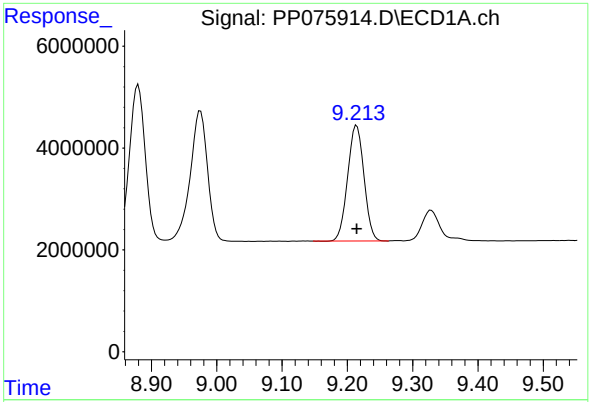

#42 AR-1268-2

R.T.: 8.975 min
Delta R.T.: 0.000 min
Response: 47519594
Conc: 260.42 ng/ml




#42 AR-1268-2

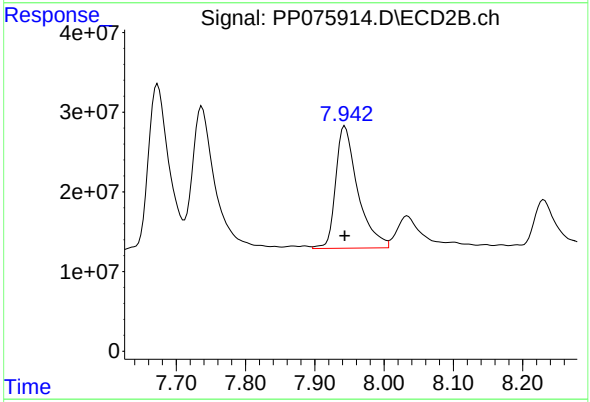
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 415541726
Conc: 236.43 ng/ml




#43 AR-1268-3

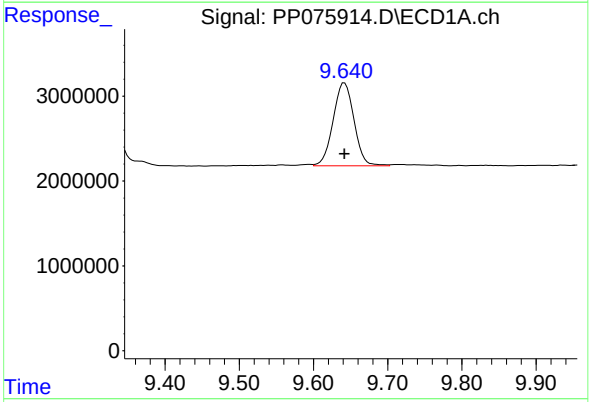
R.T.: 9.214 min
Delta R.T.: 0.000 min
Response: 39522518
Conc: 258.95 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC250



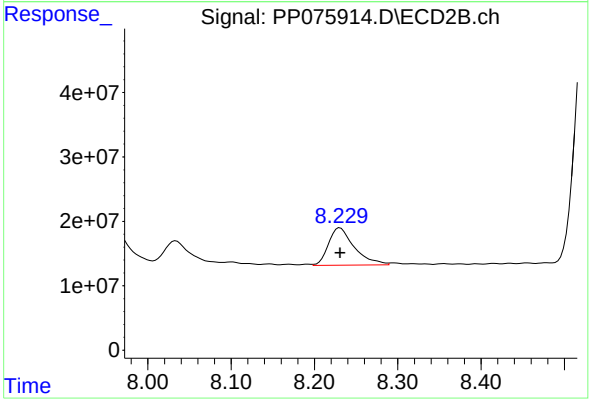

#43 AR-1268-3

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 339678826
Conc: 247.49 ng/ml



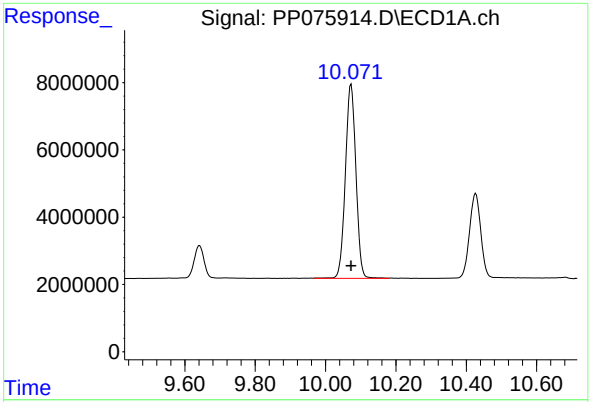

#44 AR-1268-4

R.T.: 9.642 min
Delta R.T.: 0.000 min
Response: 19156803
Conc: 256.40 ng/ml




#44 AR-1268-4

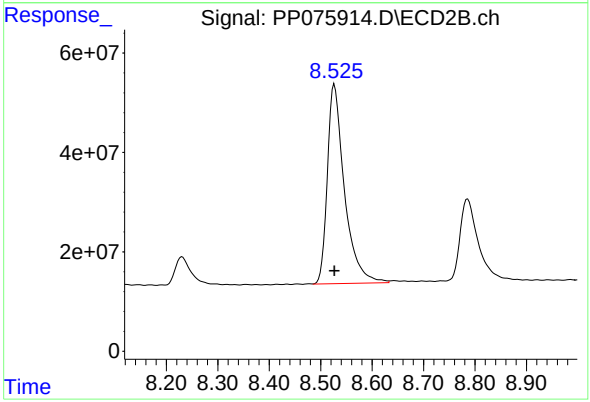
R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 125436731
Conc: 236.50 ng/ml




#45 AR-1268-5

R.T.: 10.073 min
Delta R.T.: 0.000 min
Response: 119984854
Conc: 257.94 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC250




#45 AR-1268-5

R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 926998947
Conc: 239.58 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 17:01
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:15:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 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... | 4.646 | 3.785 | 8297245 | 34278784 | 5.239 | 4.694 |
| 2) | SA Decachlor... | 10.424 | 8.786 | 11780168 | 79254993 | 5.451 | 4.805 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.878 | 7.671 | 11762673 | 90866583 | 56.952 | 50.184 |
| 42) | L9 AR-1268-2 | 8.973 | 7.736 | 10571240 | 82258397 | 56.152 | 47.408 |
| 43) | L9 AR-1268-3 | 9.212 | 7.944 | 8270442 | 67275006 | 53.294 | 49.210 |
| 44) | L9 AR-1268-4 | 9.641 | 8.228 | 4718687 | 23283603 | 59.998 | 44.997 # |
| 45) | L9 AR-1268-5 | 10.071 | 8.525 | 27065230 | 169.1E6 | 56.340 | 44.825 |

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

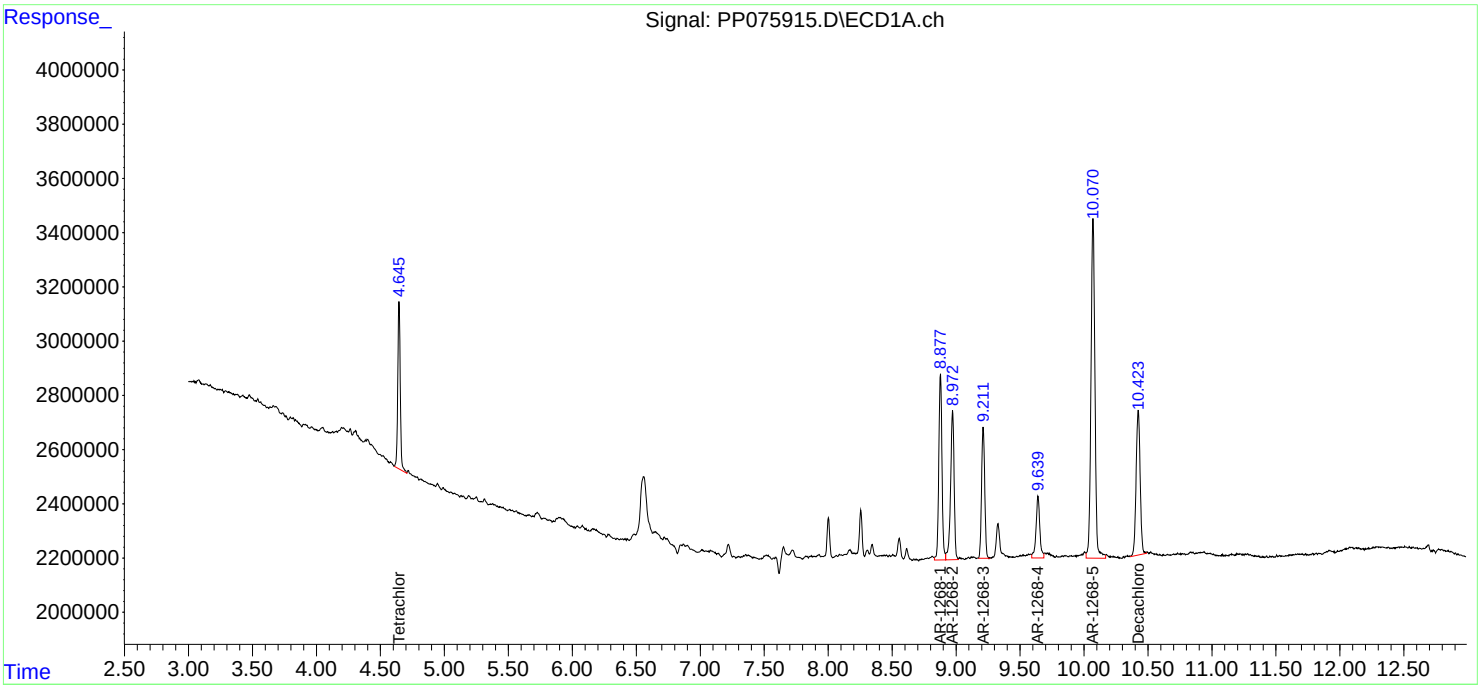
ICAL Form

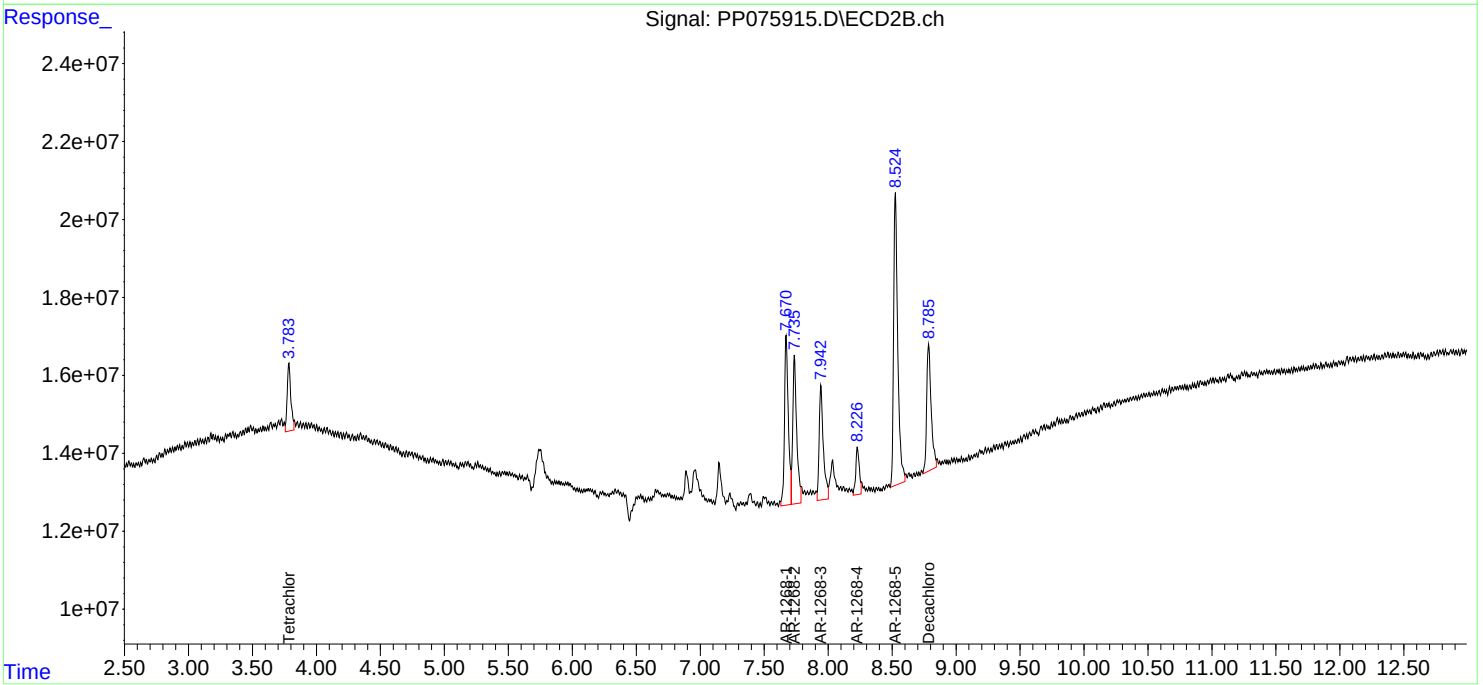
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 17:01
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

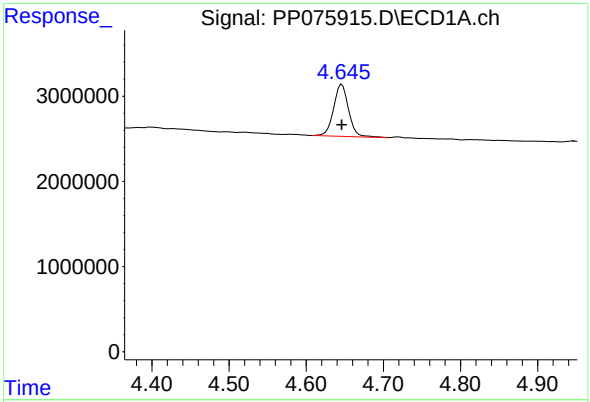
**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:15:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 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



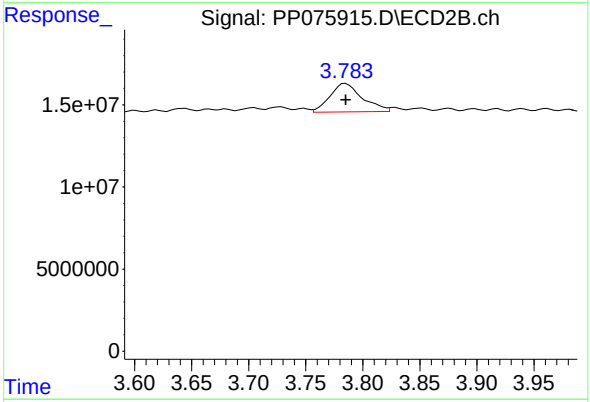






#1 Tetrachloro-m-xylene

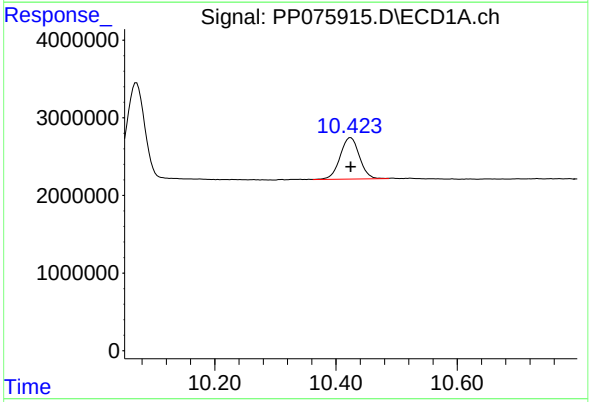
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 8297245
Conc: 5.24 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050



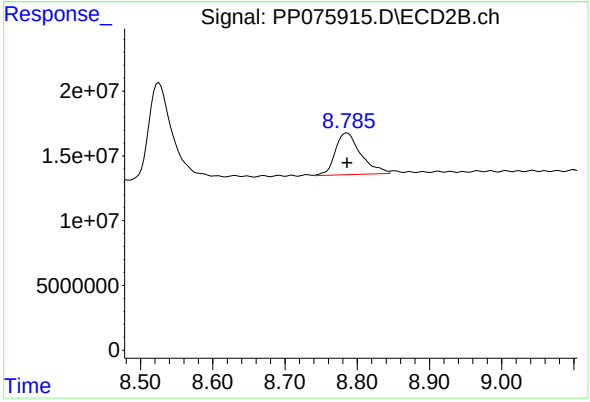

#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 34278784
Conc: 4.69 ng/ml



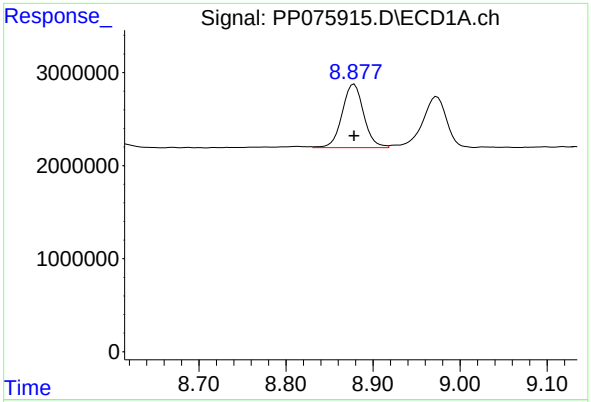

#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 11780168
Conc: 5.45 ng/ml




#2 Decachlorobiphenyl

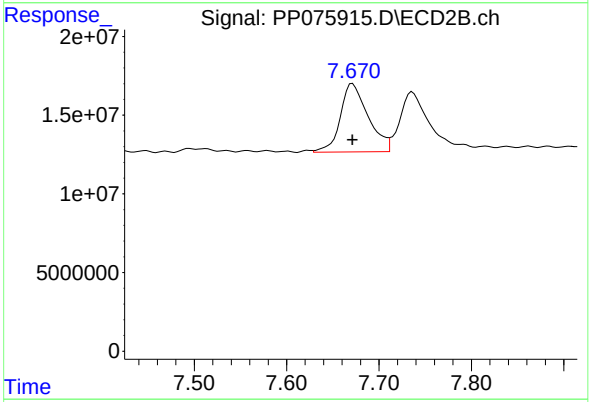
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 79254993
Conc: 4.81 ng/ml




#41 AR-1268-1

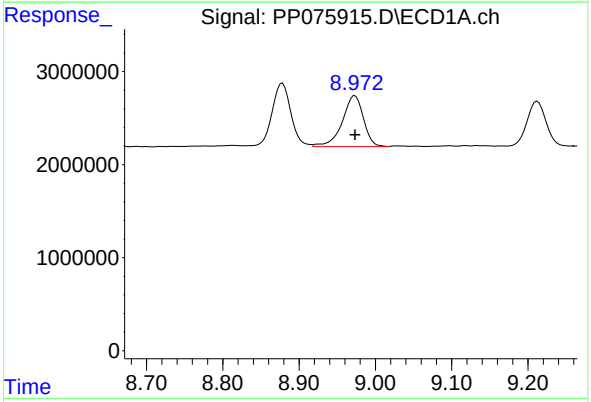
R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 11762673
Conc: 56.95 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050



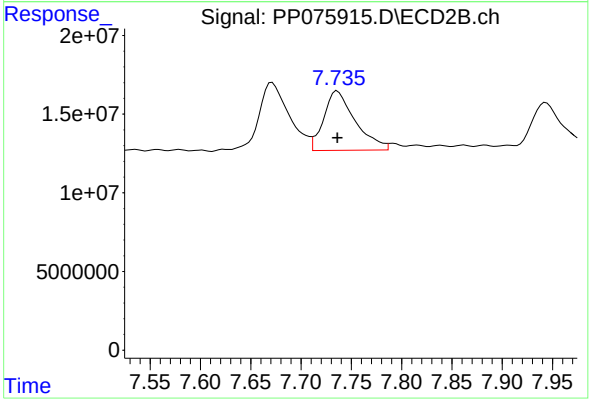

#41 AR-1268-1

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 90866583
Conc: 50.18 ng/ml



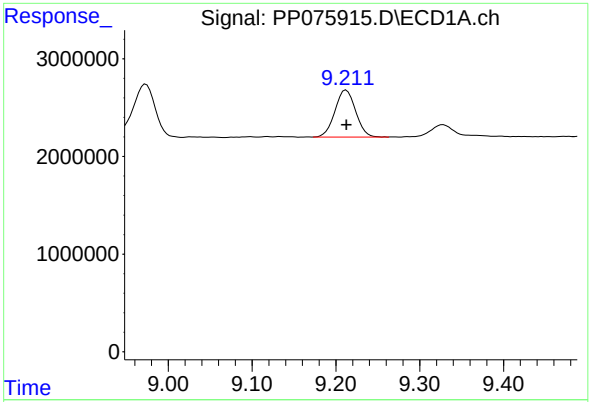

#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 10571240
Conc: 56.15 ng/ml




#42 AR-1268-2

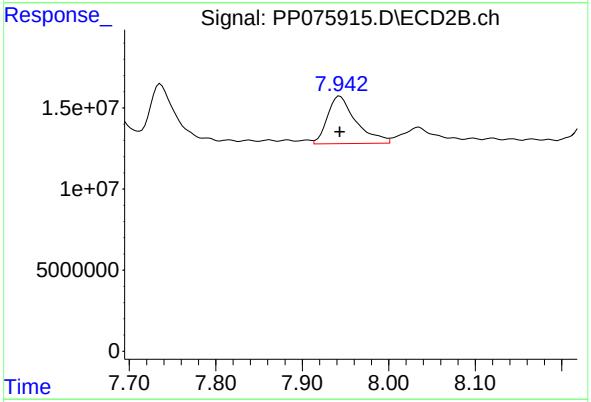
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 82258397
Conc: 47.41 ng/ml




#43 AR-1268-3

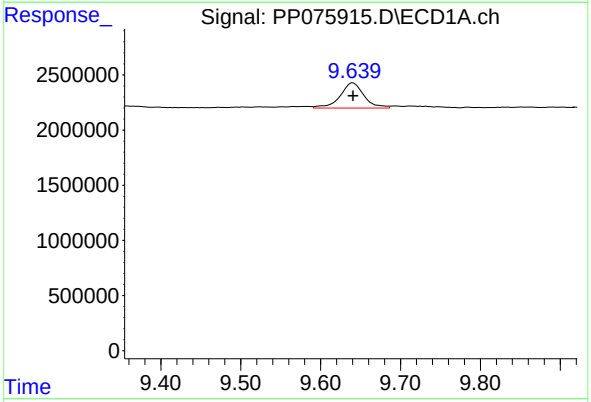
R.T.: 9.212 min
Delta R.T.: 0.000 min
Response: 8270442
Conc: 53.29 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050



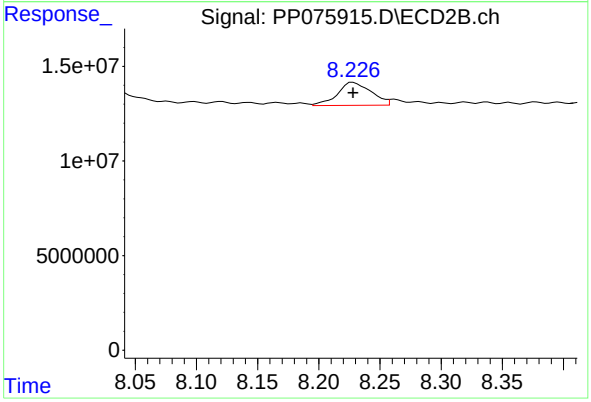

#43 AR-1268-3

R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 67275006
Conc: 49.21 ng/ml



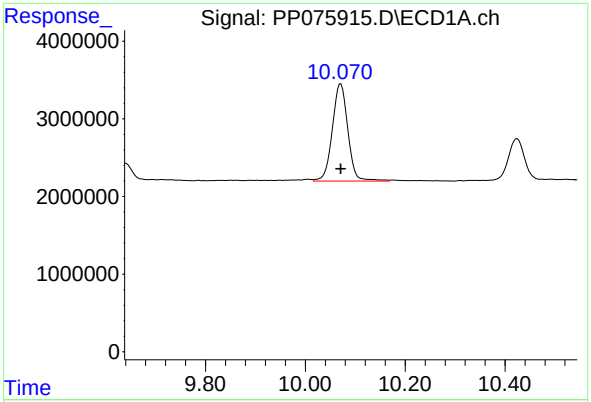

#44 AR-1268-4

R.T.: 9.641 min
Delta R.T.: 0.000 min
Response: 4718687
Conc: 60.00 ng/ml




#44 AR-1268-4

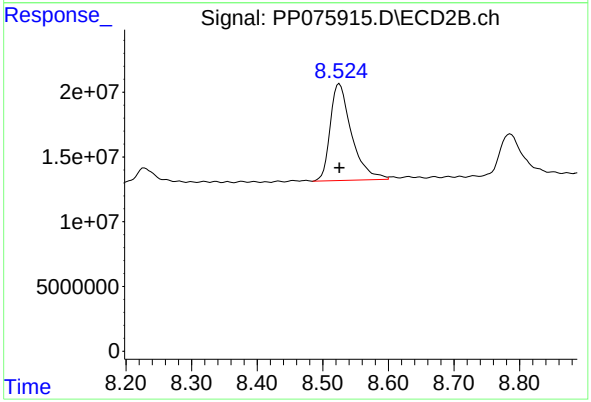
R.T.: 8.228 min
Delta R.T.: 0.000 min
Response: 23283603
Conc: 45.00 ng/ml




#45 AR-1268-5

R.T.: 10.071 min
Delta R.T.: 0.000 min
Response: 27065230
Conc: 56.34 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050




#45 AR-1268-5

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 169066563
Conc: 44.82 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 17:34
Operator : YP\AJ
Sample : PP102125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:26:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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... | 4.646 | 3.784 | 73895870 | 340.9E6 | 51.708 | 51.507 |
| 2) | SA Decachlor... | 10.423 | 8.784 | 58947888 | 432.2E6 | 54.757 | 52.559 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.799 | 4.879 | 30579076 | 390.9E6 | 517.184 | 528.086 |
| 4) | L1 AR-1016-2 | 5.820 | 4.937 | 46283521 | 183.5E6 | 523.308 | 536.724 |
| 5) | L1 AR-1016-3 | 5.883 | 5.057 | 29014100 | 102.8E6 | 524.184 | 500.470 |
| 6) | L1 AR-1016-4 | 5.980 | 5.097 | 23843232 | 102.7E6 | 524.717 | 549.750 |
| 7) | L1 AR-1016-5 | 6.273 | 5.312 | 22384300 | 107.6E6 | 515.702 | 472.171 |
| 31) | L7 AR-1260-1 | 7.391 | 6.340 | 38313477 | 286.2E6 | 557.233 | 522.496 |
| 32) | L7 AR-1260-2 | 7.644 | 6.526 | 47189702 | 452.3E6 | 526.804 | 555.781 |
| 33) | L7 AR-1260-3 | 8.002 | 6.680 | 37186118 | 328.9E6 | 536.700 | 584.366 |
| 34) | L7 AR-1260-4 | 8.230 | 7.149 | 40498377 | 308.8E6 | 590.602 | 594.624 |
| 35) | L7 AR-1260-5 | 8.556 | 7.389 | 79566551 | 796.8E6 | 537.788 | 587.781 |

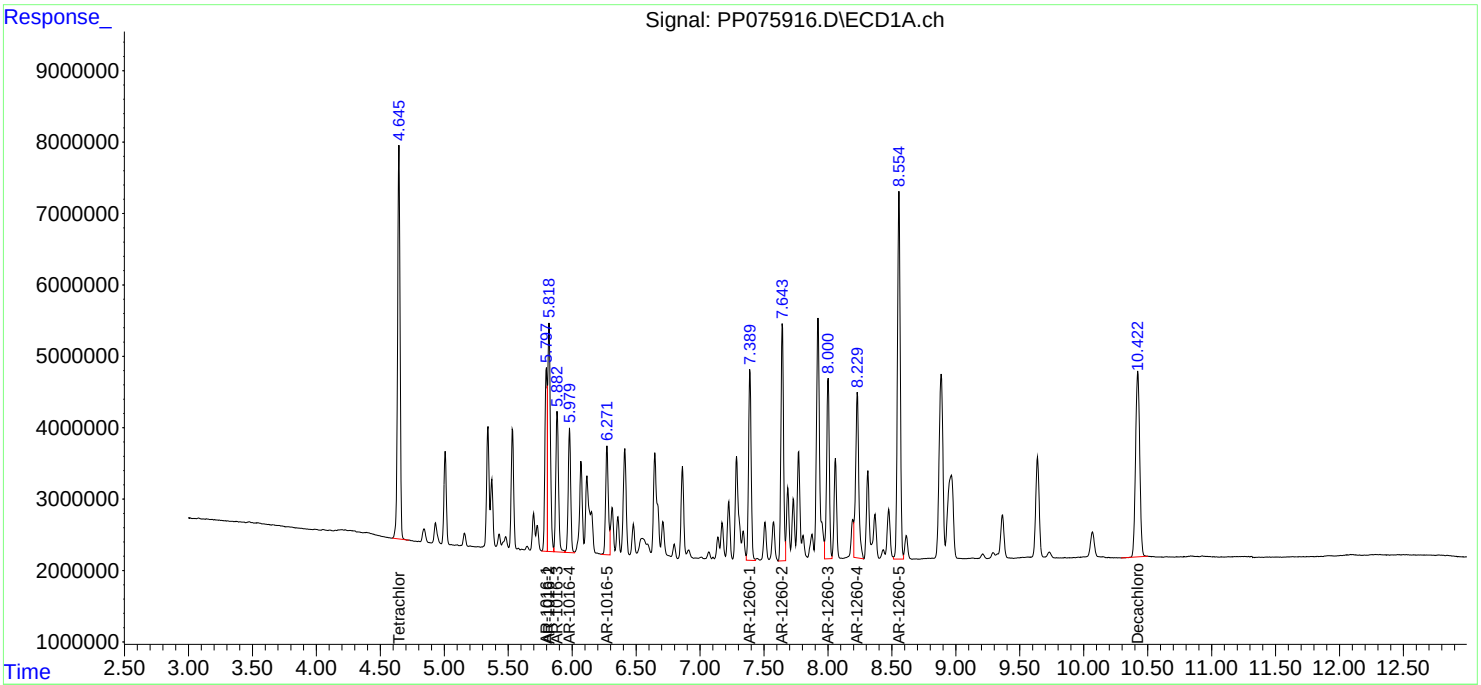
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

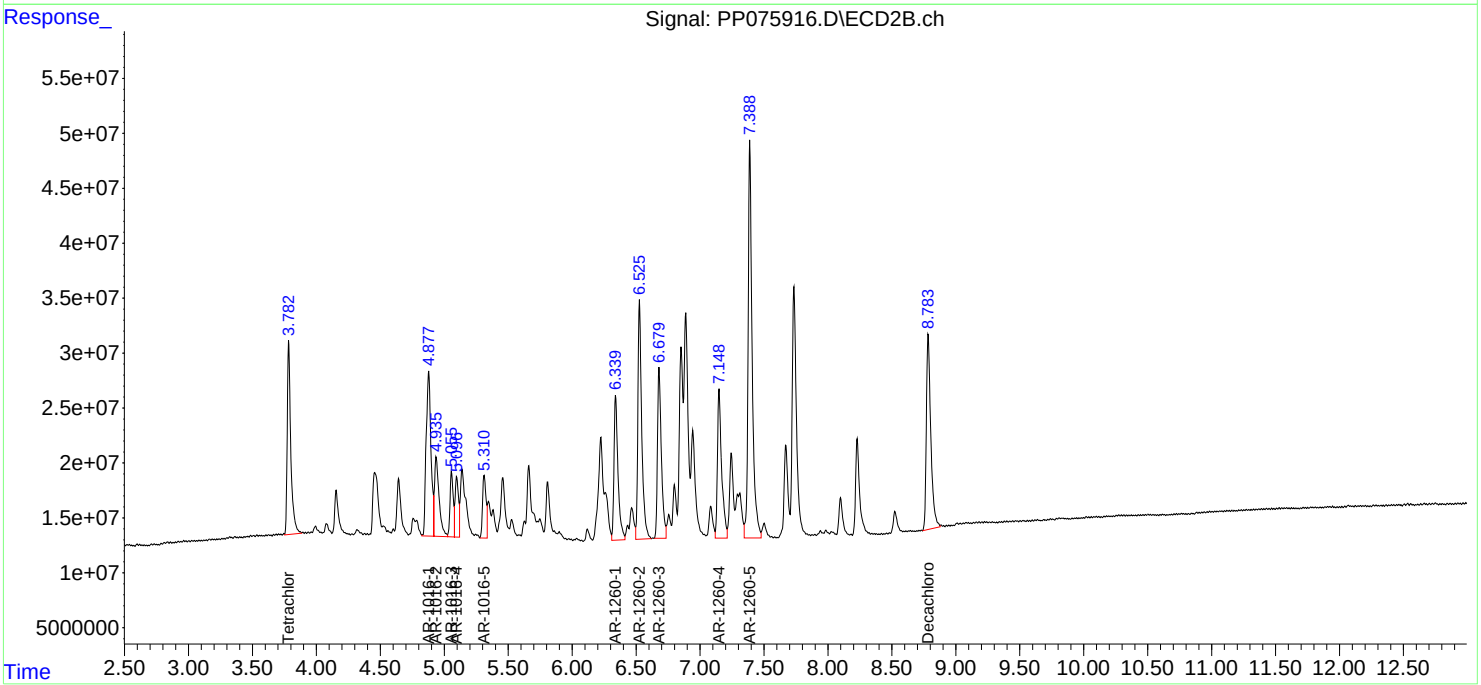
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 17:34
Operator : YP\AJ
Sample : PP102125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

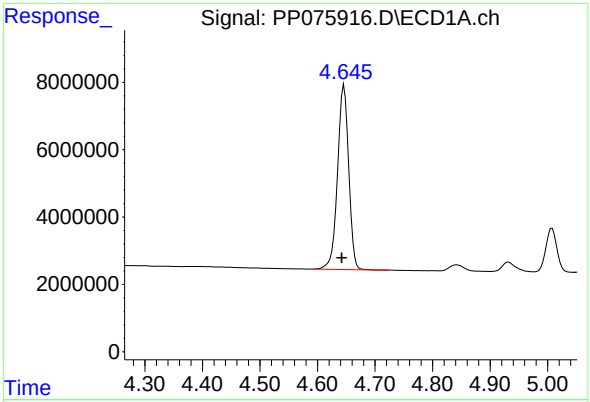
**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:26:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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



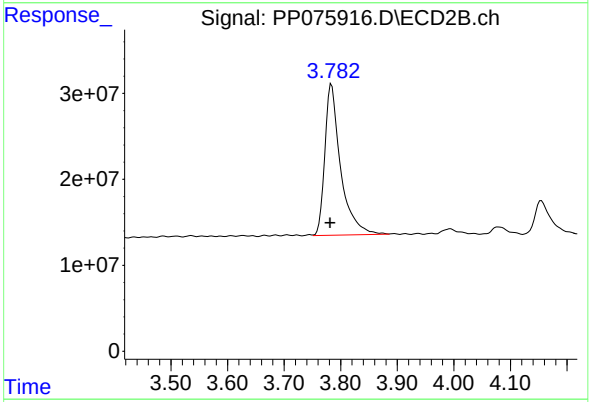






#1 Tetrachloro-m-xylene

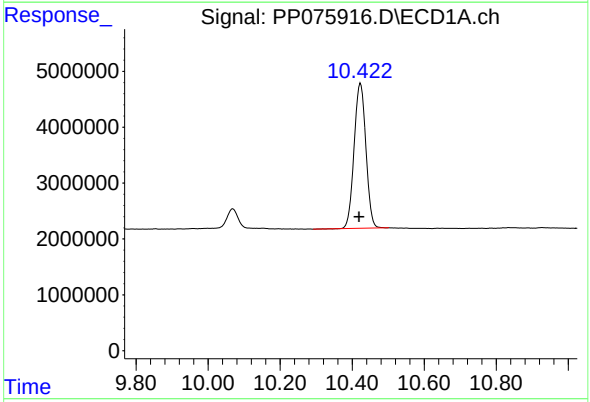
R.T.: 4.646 min
Delta R.T.: 0.004 min
Response: 73895870
Conc: 51.71 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125



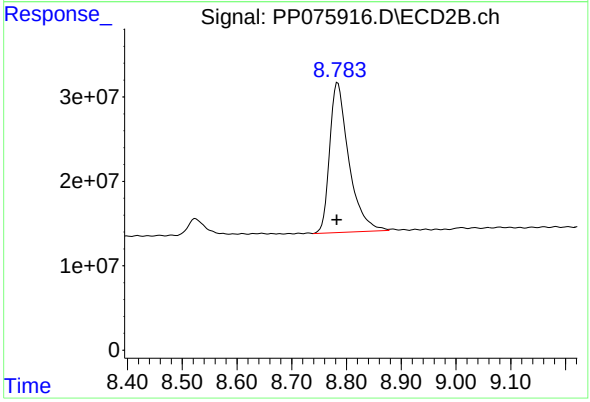

#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 340889303
Conc: 51.51 ng/ml



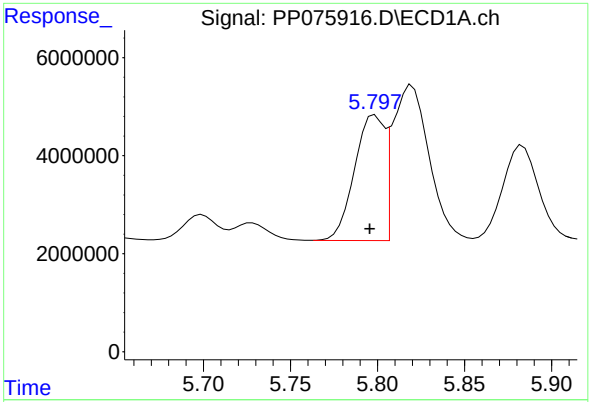

#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.004 min
Response: 58947888
Conc: 54.76 ng/ml




#2 Decachlorobiphenyl

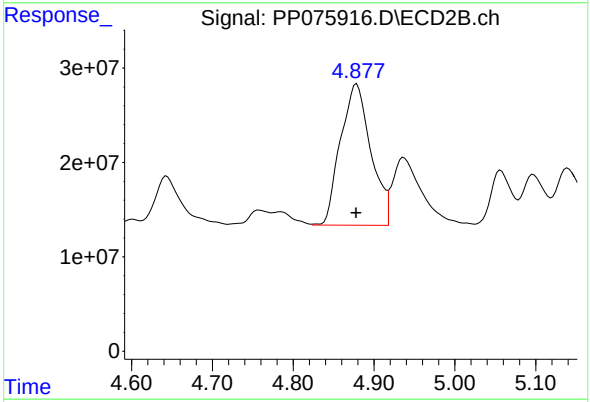
R.T.: 8.784 min
Delta R.T.: 0.002 min
Response: 432193063
Conc: 52.56 ng/ml




#3 AR-1016-1

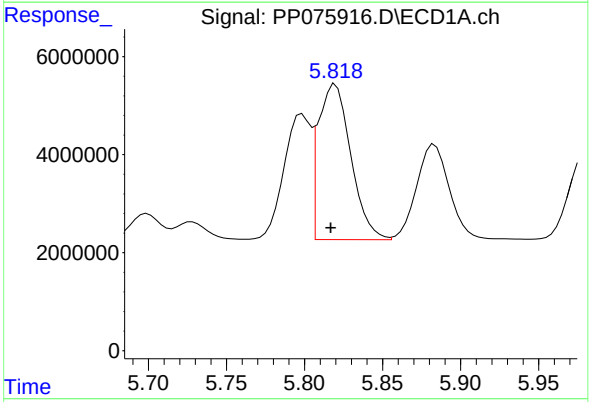
R.T.: 5.799 min
Delta R.T.: 0.003 min
Response: 30579076
Conc: 517.18 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125



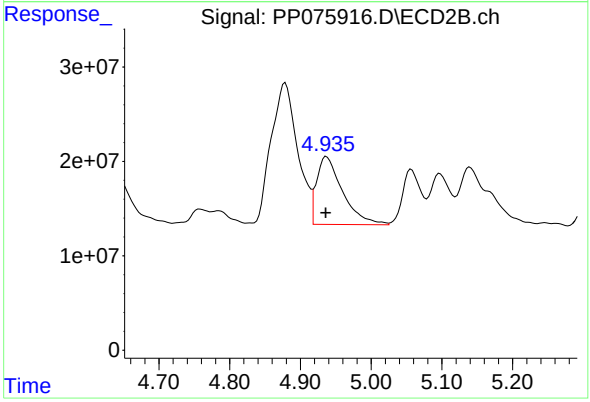

#3 AR-1016-1

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 390874787
Conc: 528.09 ng/ml



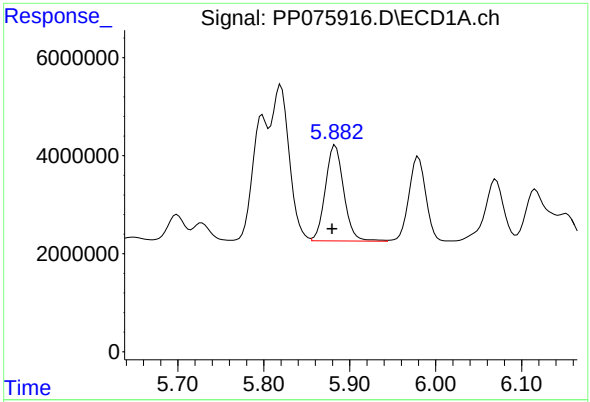

#4 AR-1016-2

R.T.: 5.820 min
Delta R.T.: 0.003 min
Response: 46283521
Conc: 523.31 ng/ml




#4 AR-1016-2

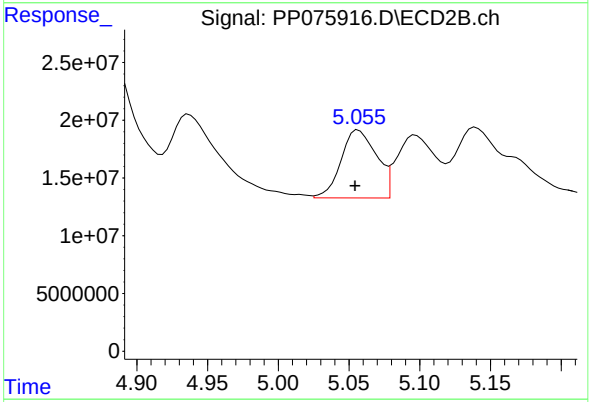
R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 183523265
Conc: 536.72 ng/ml




#5 AR-1016-3

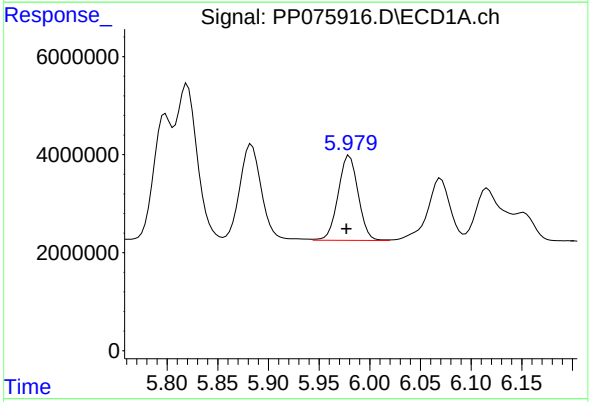
R.T.: 5.883 min
Delta R.T.: 0.004 min
Response: 29014100
Conc: 524.18 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125



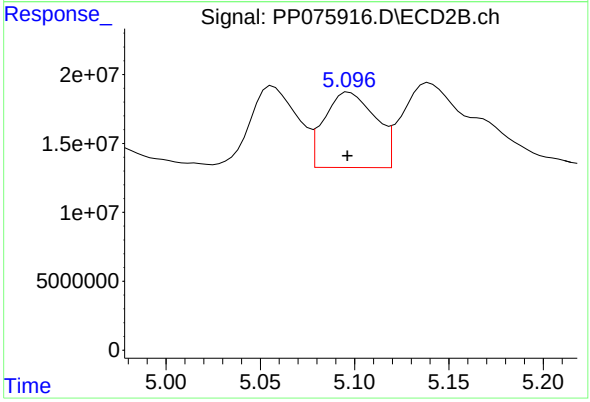

#5 AR-1016-3

R.T.: 5.057 min
Delta R.T.: 0.002 min
Response: 102767686
Conc: 500.47 ng/ml



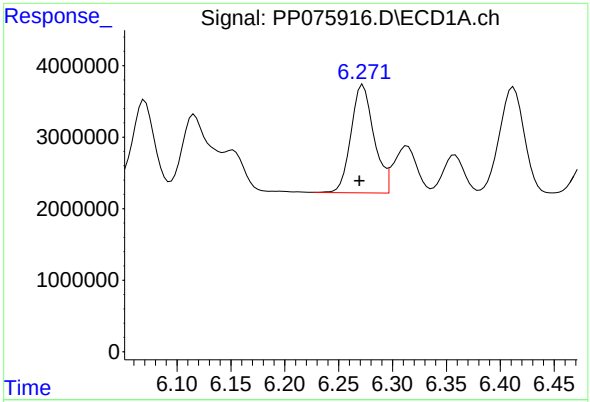

#6 AR-1016-4

R.T.: 5.980 min
Delta R.T.: 0.003 min
Response: 23843232
Conc: 524.72 ng/ml




#6 AR-1016-4

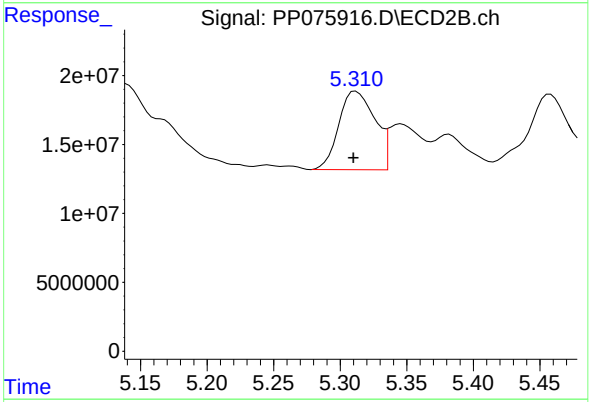
R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 102740344
Conc: 549.75 ng/ml




#7 AR-1016-5

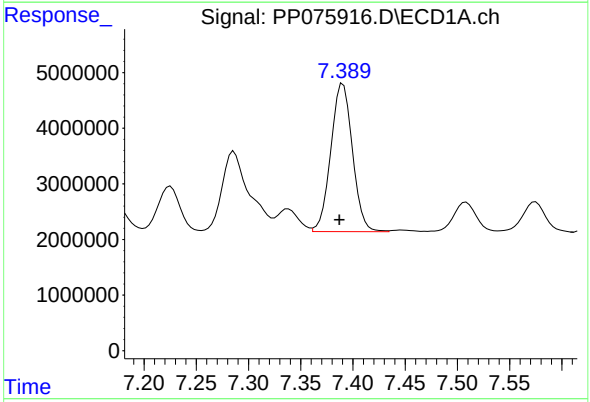
R.T.: 6.273 min
Delta R.T.: 0.003 min
Response: 22384300
Conc: 515.70 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125



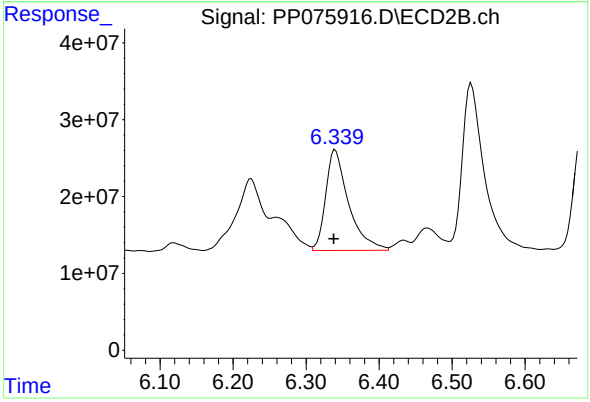

#7 AR-1016-5

R.T.: 5.312 min
Delta R.T.: 0.002 min
Response: 107646913
Conc: 472.17 ng/ml



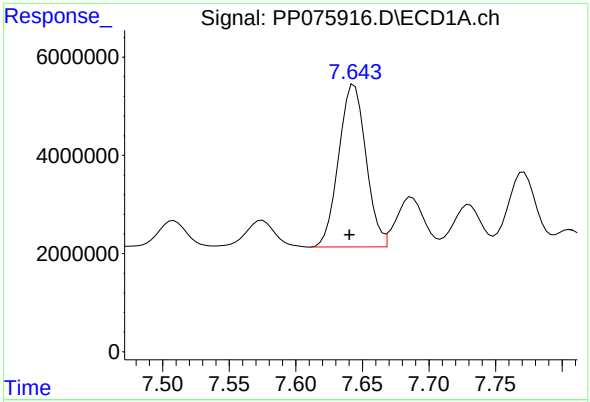

#31 AR-1260-1

R.T.: 7.391 min
Delta R.T.: 0.003 min
Response: 38313477
Conc: 557.23 ng/ml




#31 AR-1260-1

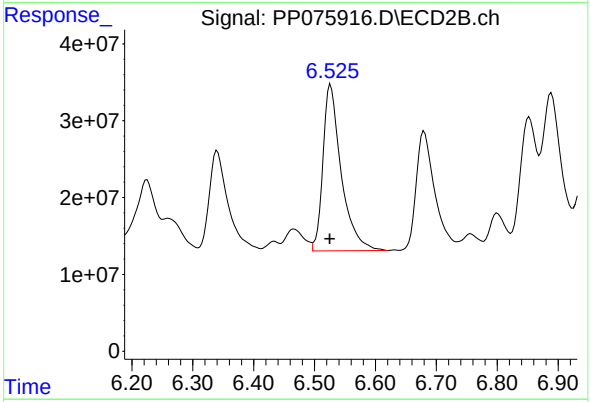
R.T.: 6.340 min
Delta R.T.: 0.002 min
Response: 286168367
Conc: 522.50 ng/ml




#32 AR-1260-2

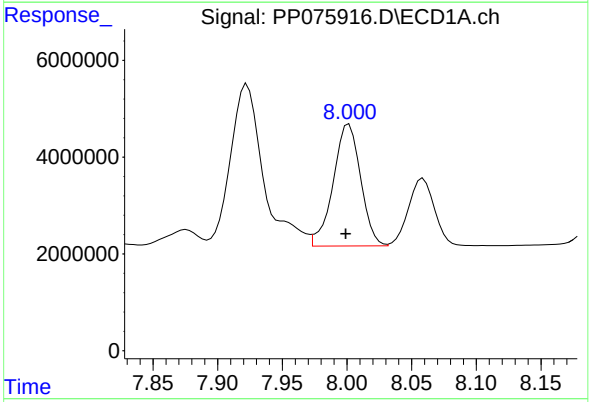
R.T.: 7.644 min
Delta R.T.: 0.004 min
Response: 47189702
Conc: 526.80 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125



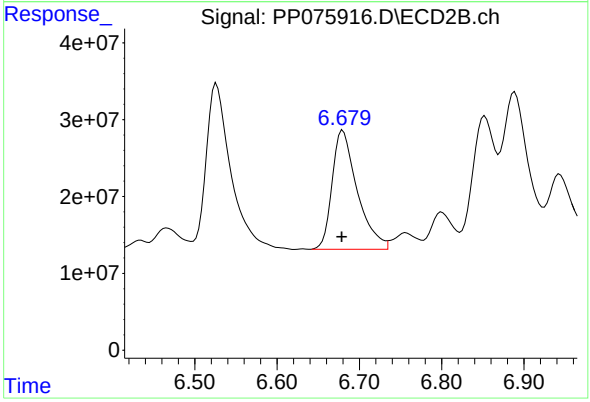

#32 AR-1260-2

R.T.: 6.526 min
Delta R.T.: 0.002 min
Response: 452257269
Conc: 555.78 ng/ml



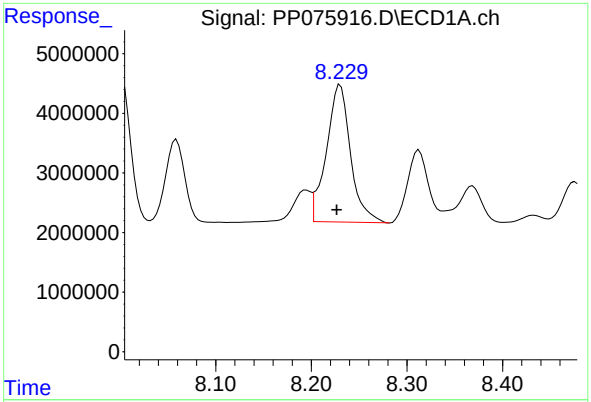

#33 AR-1260-3

R.T.: 8.002 min
Delta R.T.: 0.002 min
Response: 37186118
Conc: 536.70 ng/ml




#33 AR-1260-3

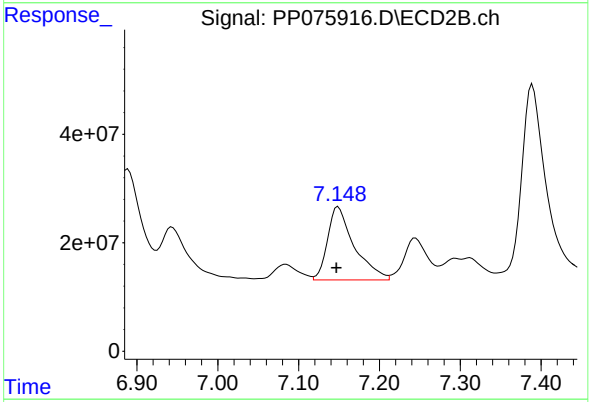
R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 328856179
Conc: 584.37 ng/ml




#34 AR-1260-4

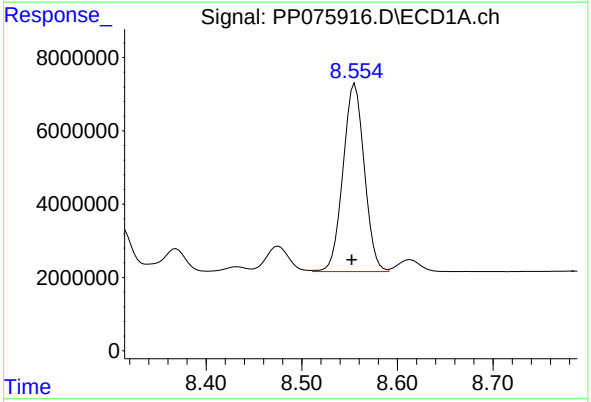
R.T.: 8.230 min
Delta R.T.: 0.004 min
Response: 40498377
Conc: 590.60 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125



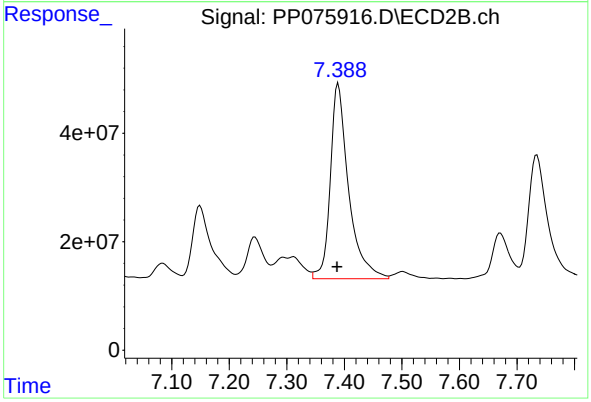

#34 AR-1260-4

R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 308806751
Conc: 594.62 ng/ml




#35 AR-1260-5

R.T.: 8.556 min
Delta R.T.: 0.004 min
Response: 79566551
Conc: 537.79 ng/ml




#35 AR-1260-5

R.T.: 7.389 min
Delta R.T.: 0.002 min
Response: 796768819
Conc: 587.78 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 18:06
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1242

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:16:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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... | 4.646 | 3.784 | 79486082 | 365.2E6 | 55.620 | 55.173 |
| 2) | SA Decachlor... | 10.423 | 8.785 | 64567530 | 484.9E6 | 59.978m | 58.969 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.799 | 4.879 | 24532478 | 301.7E6 | 512.088 | 524.891 |
| 17) | L4 AR-1242-2 | 5.820 | 4.937 | 37086619 | 138.8E6 | 523.883 | 499.981 |
| 18) | L4 AR-1242-3 | 5.883 | 5.057 | 22990427 | 78773054 | 503.714 | 500.427 |
| 19) | L4 AR-1242-4 | 5.980 | 5.139 | 18909181 | 99357590 | 520.064 | 536.743m |
| 20) | L4 AR-1242-5 | 6.710 | 5.660 | 21676788 | 123.9E6 | 529.426 | 538.030 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 18:06
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

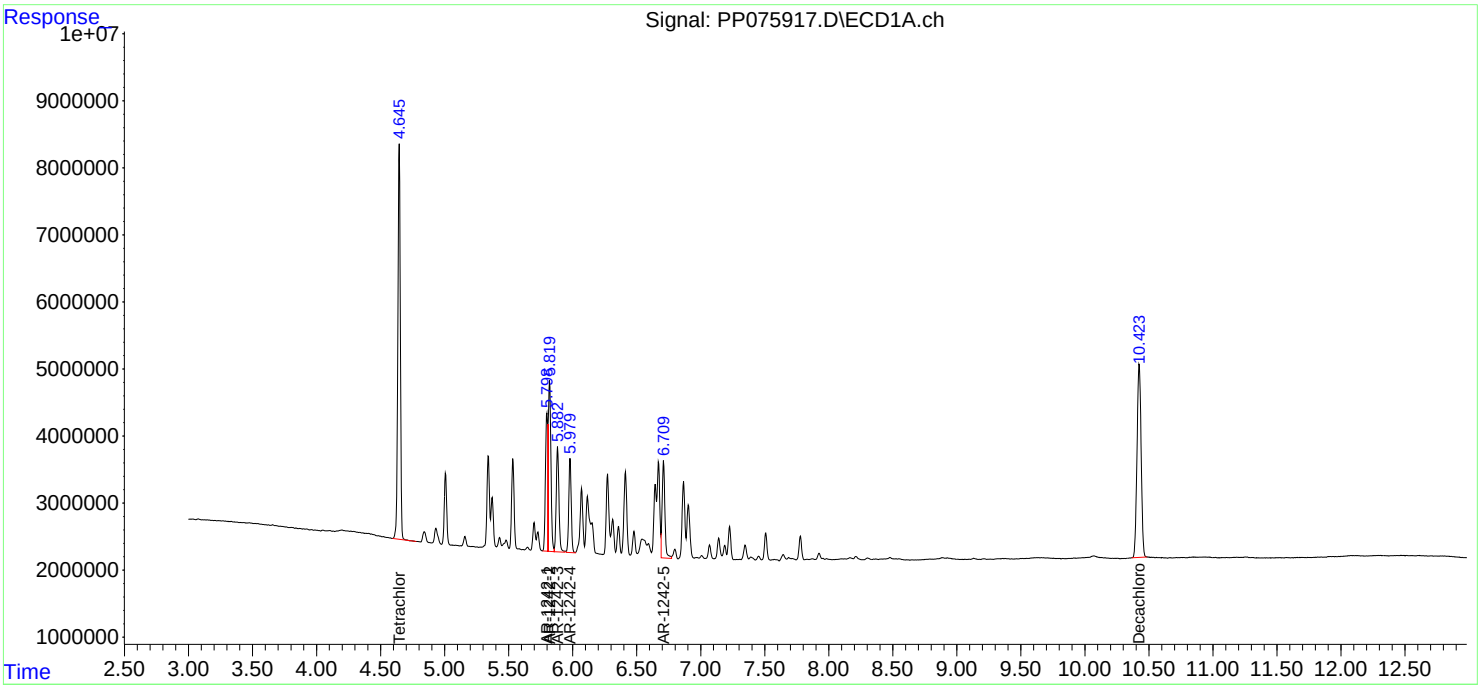
**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1242

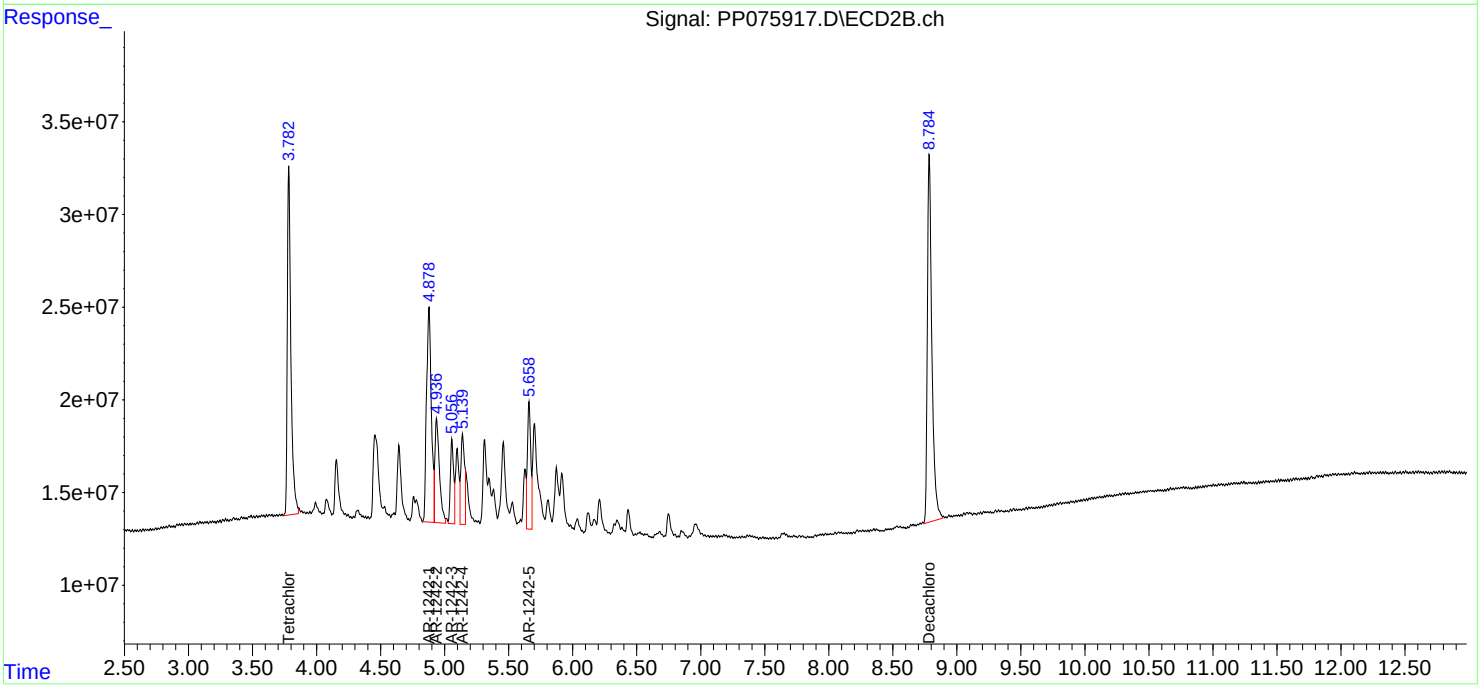
**Manual Integrations APPROVED**

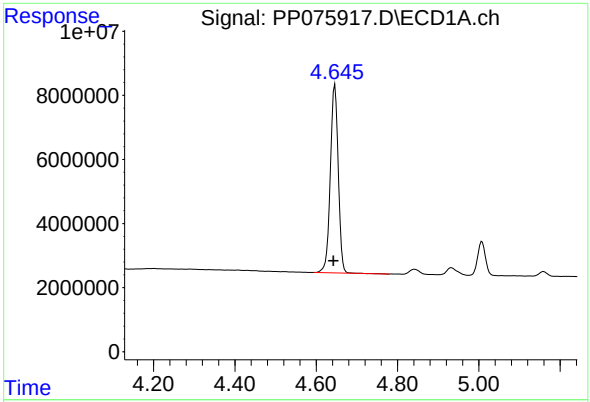
Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:16:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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





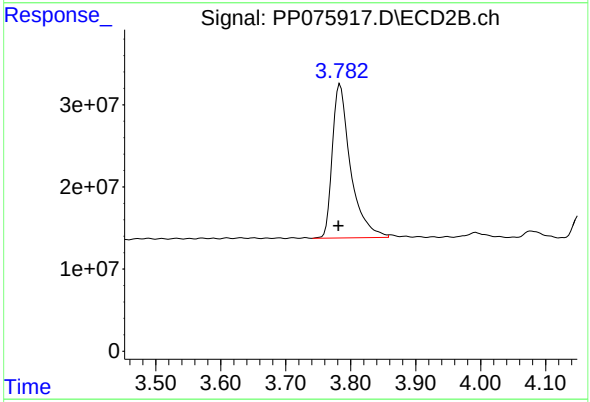

#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.004 min
Response: 79486082
Conc: 55.62 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1242

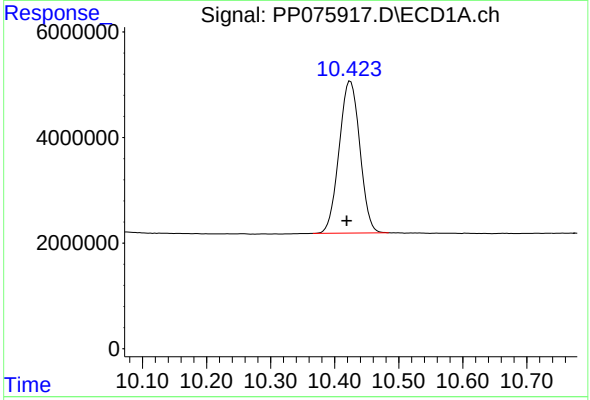
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



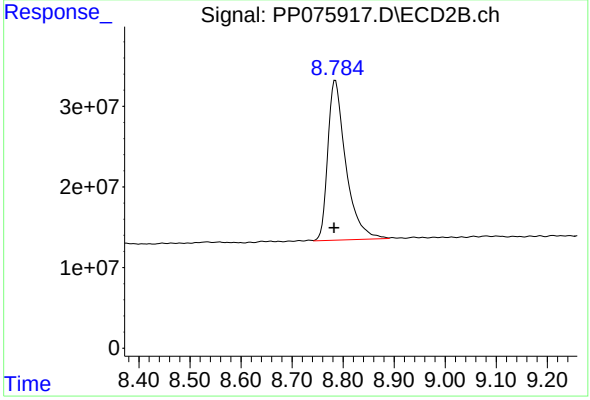

#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 365150597
Conc: 55.17 ng/ml



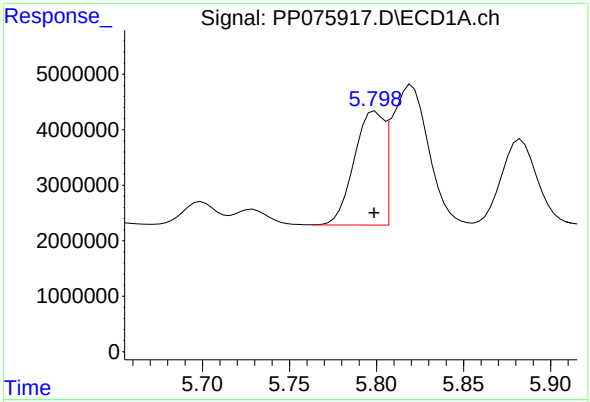

#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.004 min
Response: 64567530
Conc: 59.98 ng/ml m




#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.003 min
Response: 484904598
Conc: 58.97 ng/ml



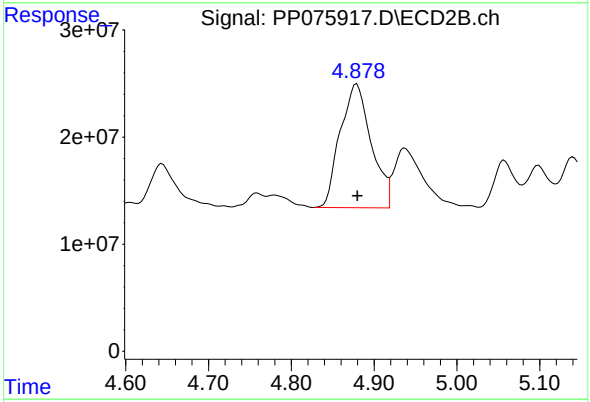

#16 AR-1242-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 24532478
Conc: 512.09 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1242

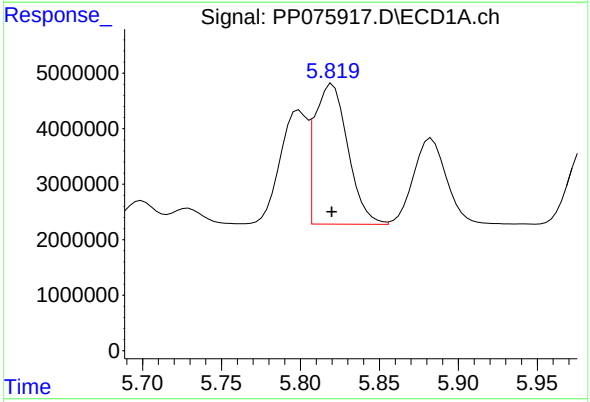
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



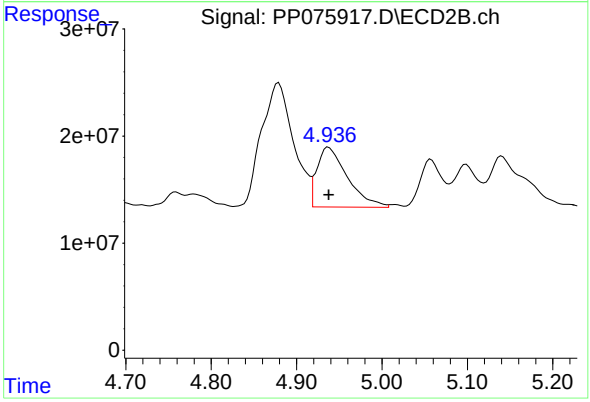

#16 AR-1242-1

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 301682488
Conc: 524.89 ng/ml



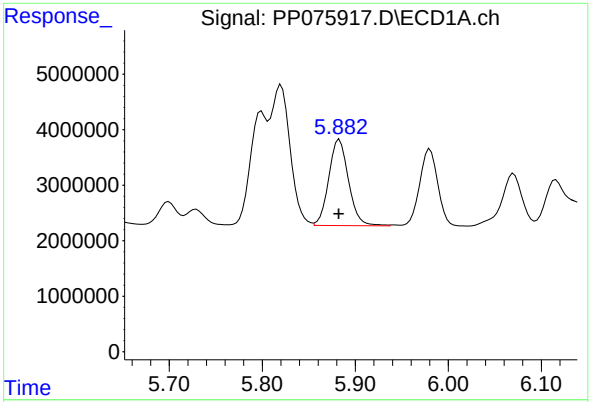

#17 AR-1242-2

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 37086619
Conc: 523.88 ng/ml




#17 AR-1242-2

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 138750292
Conc: 499.98 ng/ml



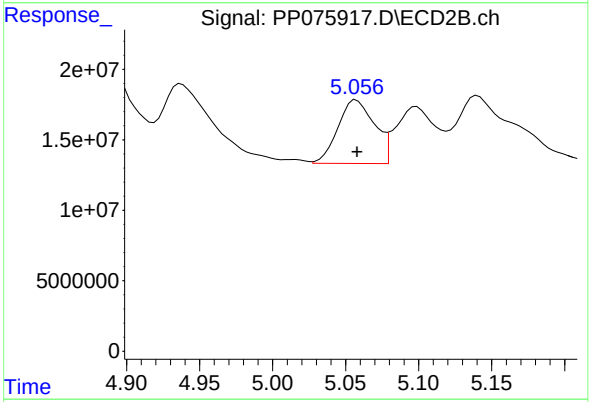

#18 AR-1242-3

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 22990427
Conc: 503.71 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1242

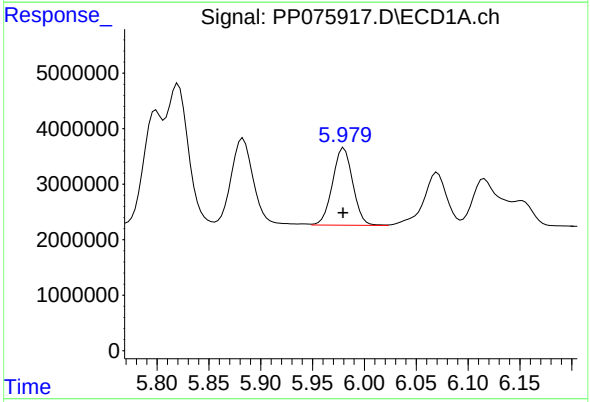
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



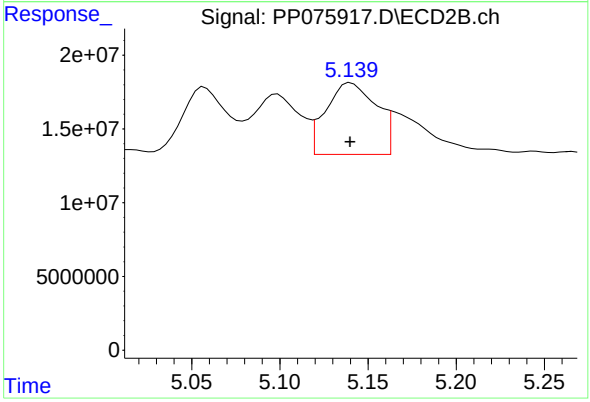

#18 AR-1242-3

R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 78773054
Conc: 500.43 ng/ml



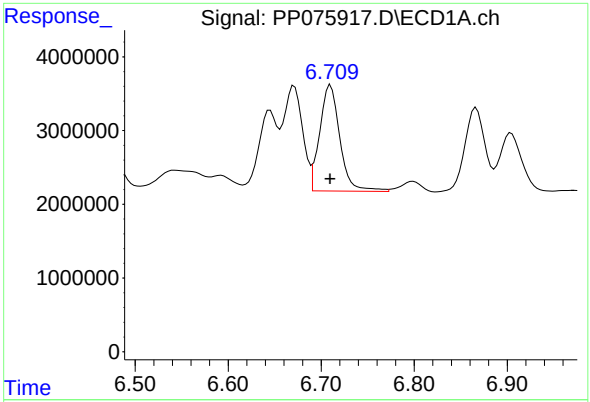

#19 AR-1242-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 18909181
Conc: 520.06 ng/ml




#19 AR-1242-4

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 99357590
Conc: 536.74 ng/ml m



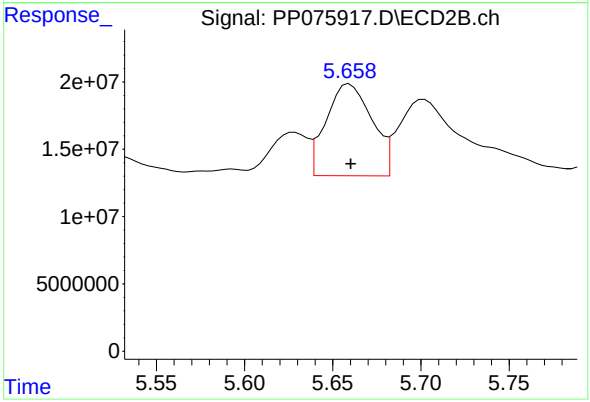

#20 AR-1242-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 21676788
Conc: 529.43 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1242

**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025




#20 AR-1242-5

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 123874613
Conc: 538.03 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 18:39
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1248

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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... | 4.647 | 3.784 | 77354608 | 375.4E6 | 54.128 | 56.717 |
| 2) | SA Decachlor... | 10.425 | 8.785 | 62090346 | 474.3E6 | 57.677 | 57.676 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.799 | 4.878 | 18454423 | 193.8E6 | 514.472 | 515.973 |
| 22) | L5 AR-1248-2 | 6.070 | 5.099 | 24718037 | 124.2E6 | 507.095 | 505.124 |
| 23) | L5 AR-1248-3 | 6.273 | 5.138 | 27349933 | 132.7E6 | 504.009 | 462.616m |
| 24) | L5 AR-1248-4 | 6.671 | 5.312 | 33802442 | 144.9E6 | 509.348 | 512.423 |
| 25) | L5 AR-1248-5 | 6.711 | 5.701 | 33065578 | 279.8E6 | 509.794 | 538.456 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 18:39
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

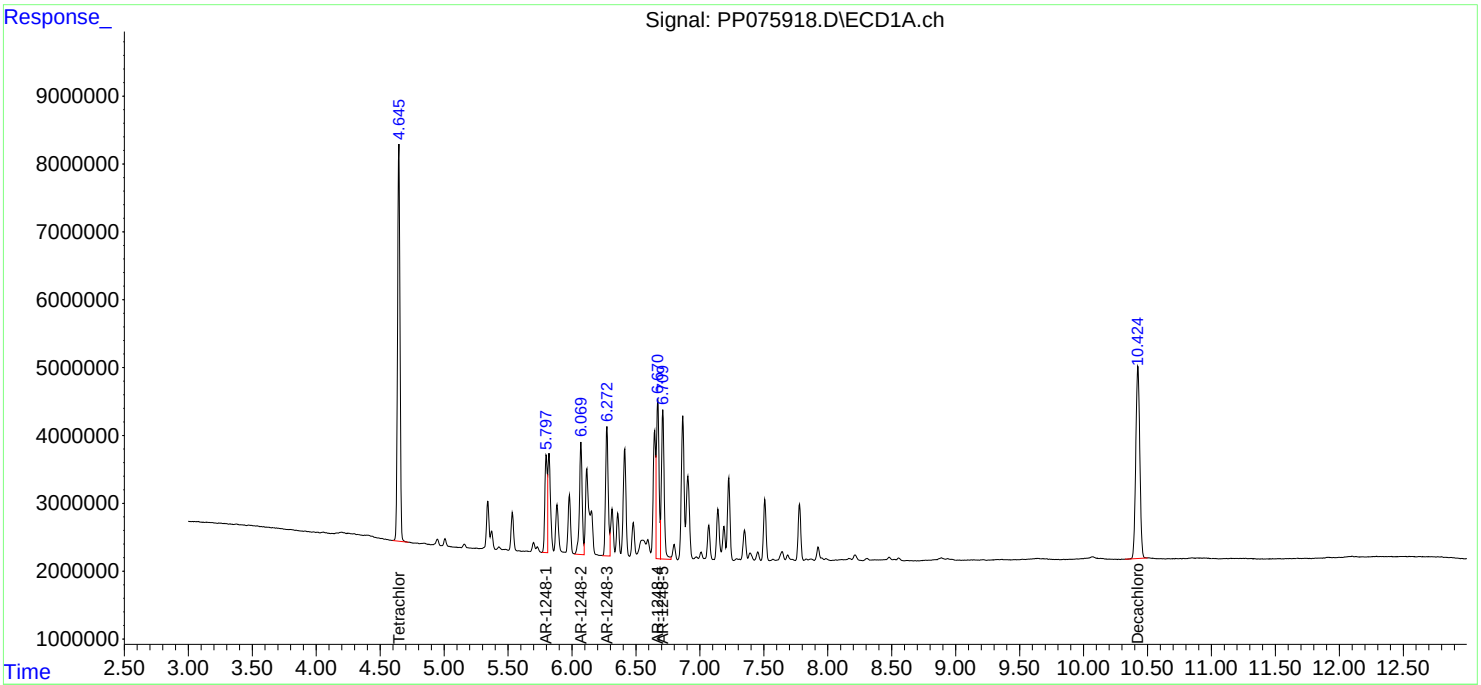
**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1248

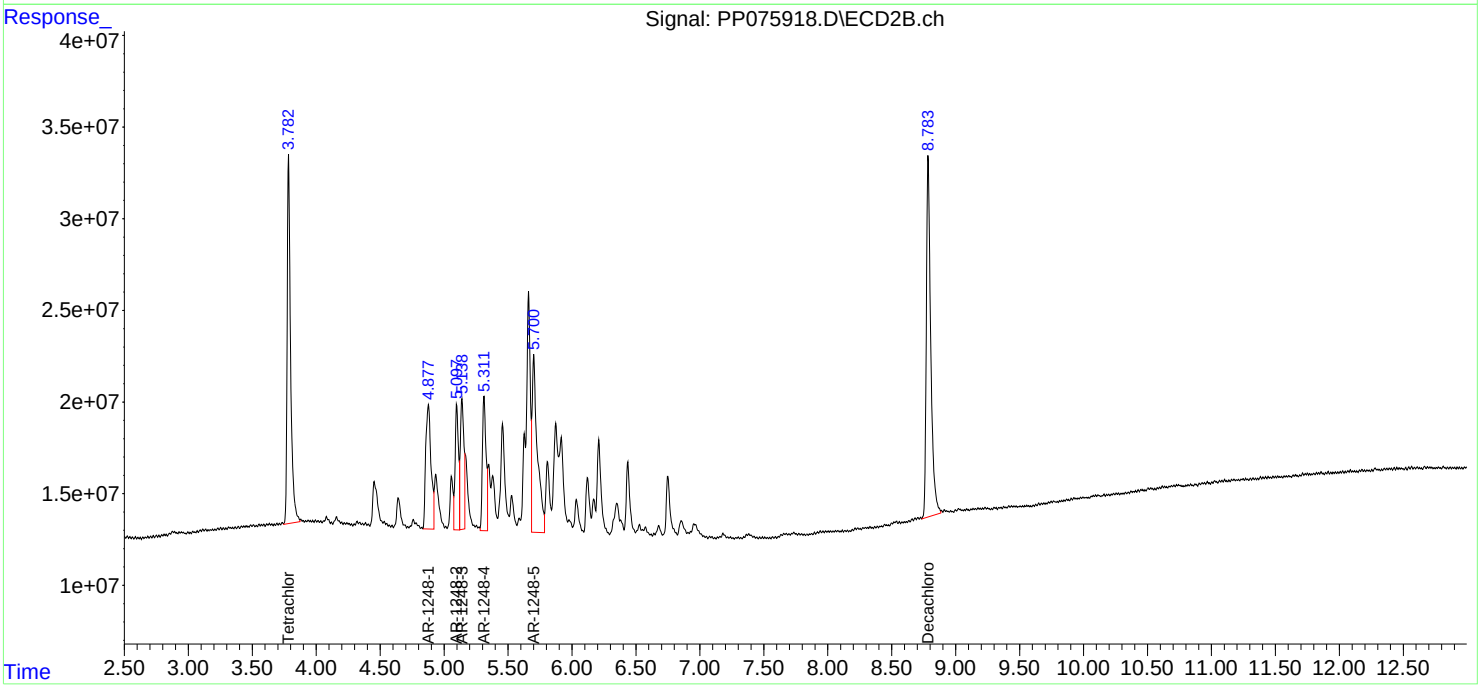
**Manual Integrations APPROVED**

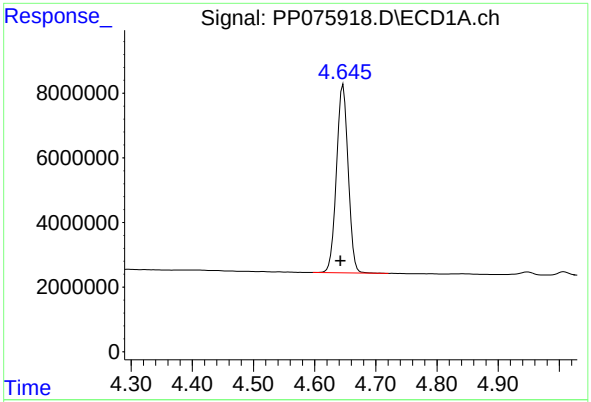
Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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





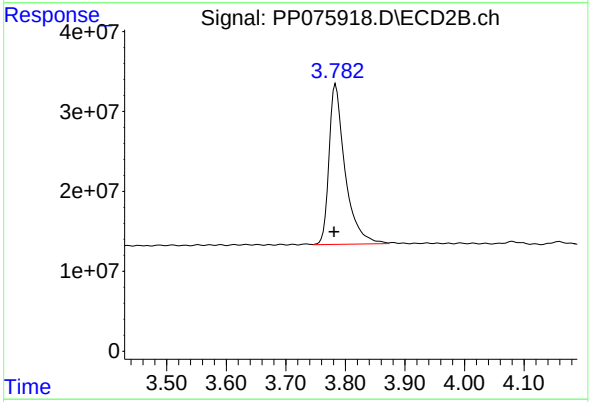

#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.005 min
Response: 77354608
Conc: 54.13 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1248

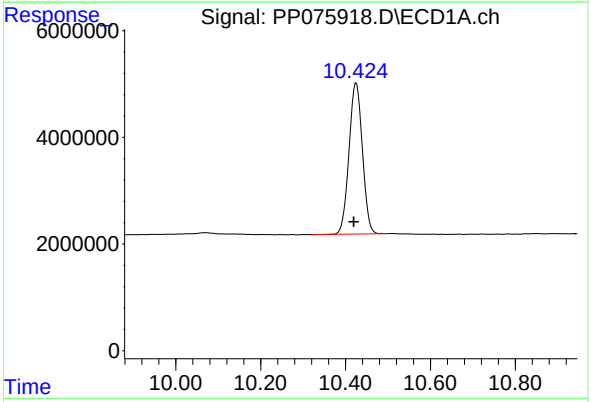
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



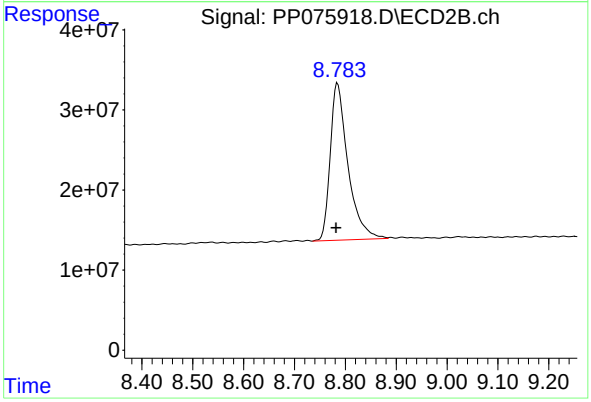

#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 375366423
Conc: 56.72 ng/ml



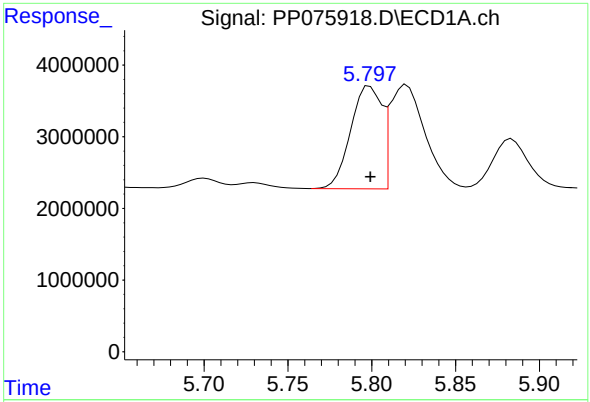

#2 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: 0.006 min
Response: 62090346
Conc: 57.68 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.003 min
Response: 474267574
Conc: 57.68 ng/ml



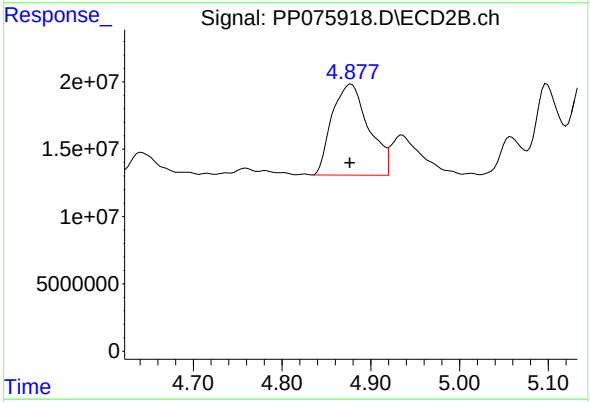

#21 AR-1248-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 18454423
Conc: 514.47 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1248

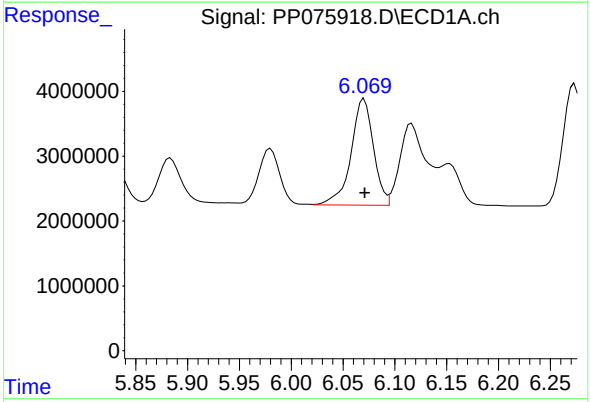
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



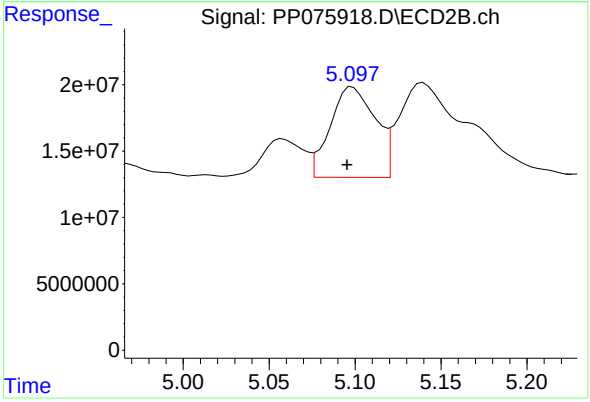

#21 AR-1248-1

R.T.: 4.878 min
Delta R.T.: 0.002 min
Response: 193808136
Conc: 515.97 ng/ml



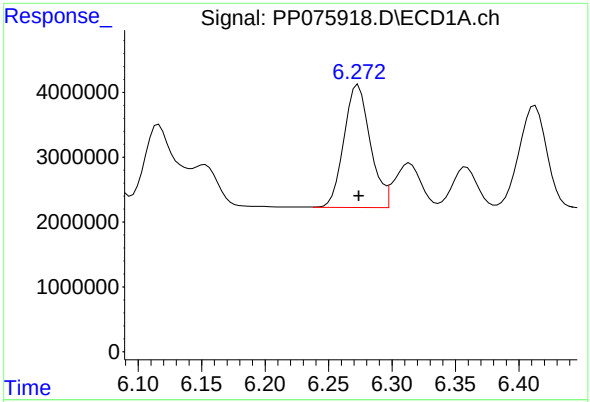

#22 AR-1248-2

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 24718037
Conc: 507.09 ng/ml




#22 AR-1248-2

R.T.: 5.099 min
Delta R.T.: 0.003 min
Response: 124214072
Conc: 505.12 ng/ml



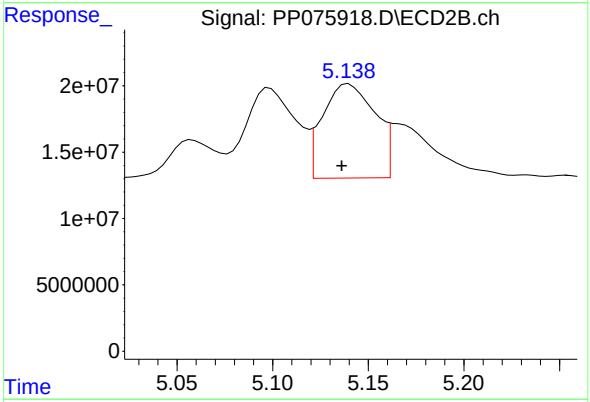

#23 AR-1248-3

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 27349933
Conc: 504.01 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1248

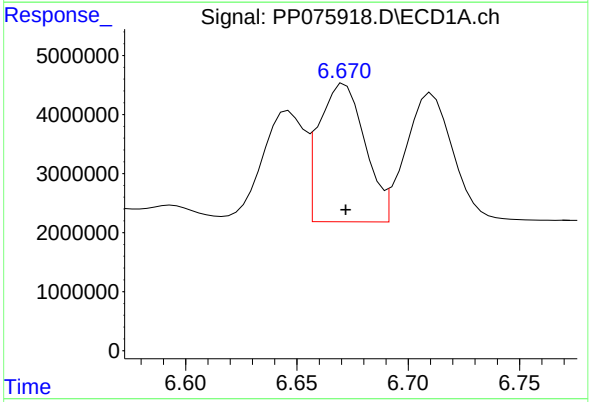
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



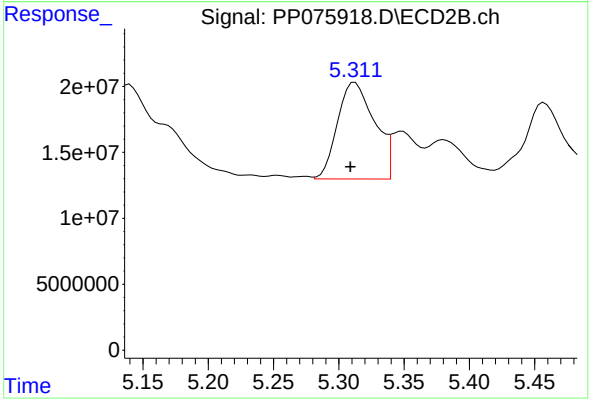

#23 AR-1248-3

R.T.: 5.138 min
Delta R.T.: 0.002 min
Response: 132721172
Conc: 462.62 ng/ml m



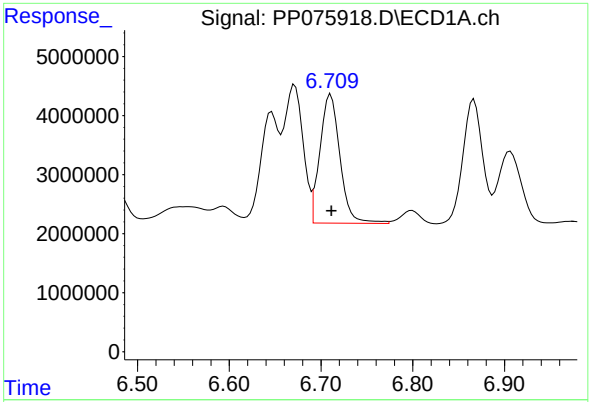

#24 AR-1248-4

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 33802442
Conc: 509.35 ng/ml




#24 AR-1248-4

R.T.: 5.312 min
Delta R.T.: 0.003 min
Response: 144867747
Conc: 512.42 ng/ml



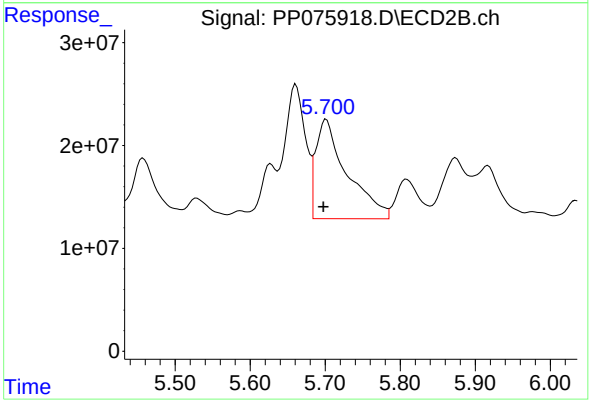

#25 AR-1248-5

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 33065578
Conc: 509.79 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1248

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025




#25 AR-1248-5

R.T.: 5.701 min
Delta R.T.: 0.004 min
Response: 279813450
Conc: 538.46 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 08:49
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1254

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 09:02:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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... | 4.654 | 3.784 | 73513288 | 361.3E6 | 51.441 | 54.591 |
| 2) | SA Decachlor... | 10.439 | 8.789 | 61994754 | 468.2E6 | 57.588 | 56.937 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.657 | 5.662 | 33305659 | 337.3E6 | 416.876 | 597.997m# |
| 27) | L6 AR-1254-2 | 6.873 | 5.811 | 45460472 | 248.5E6 | 454.676 | 468.721 |
| 28) | L6 AR-1254-3 | 7.235 | 6.214 | 47667437 | 420.5E6 | 458.540 | 494.093 |
| 29) | L6 AR-1254-4 | 7.517 | 6.439 | 37597676 | 337.3E6 | 449.659 | 535.605 |
| 30) | L6 AR-1254-5 | 7.934 | 6.855 | 44185805 | 348.6E6 | 482.532 | 484.302 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 08:49
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

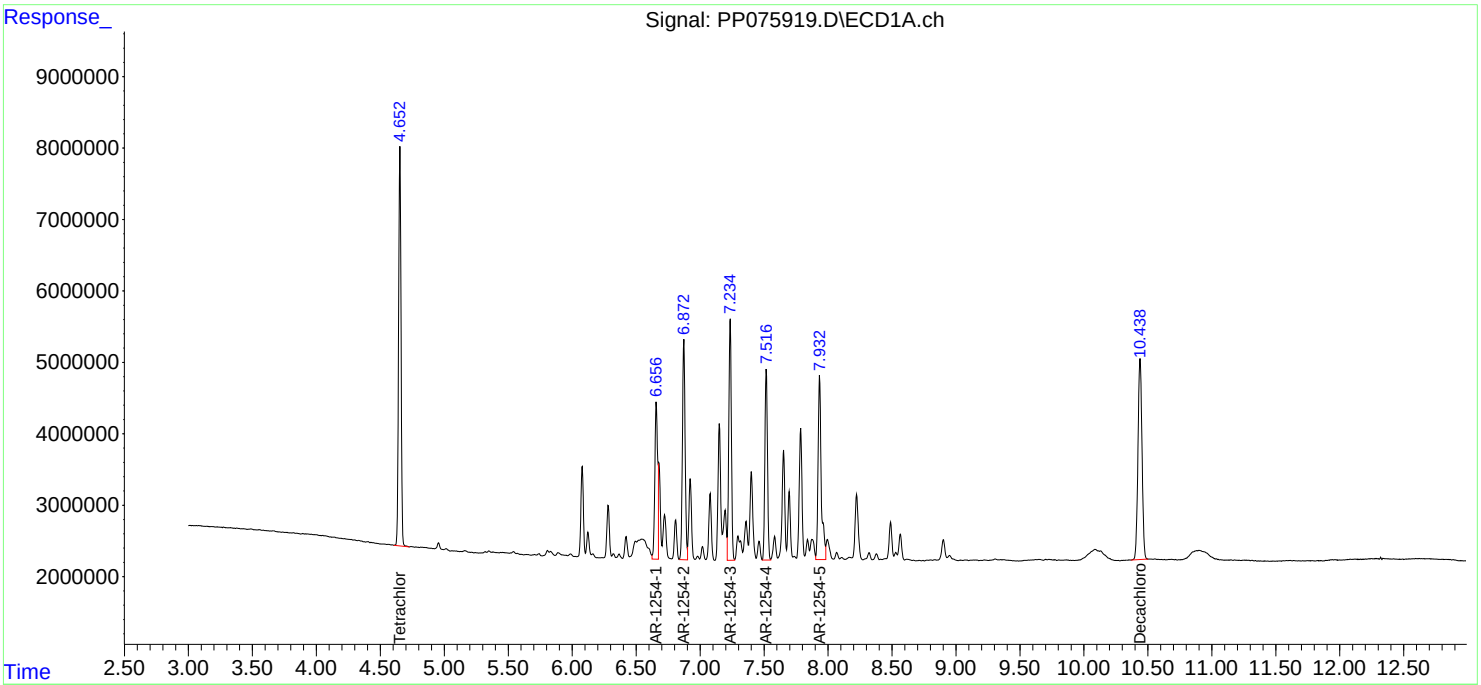
**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1254

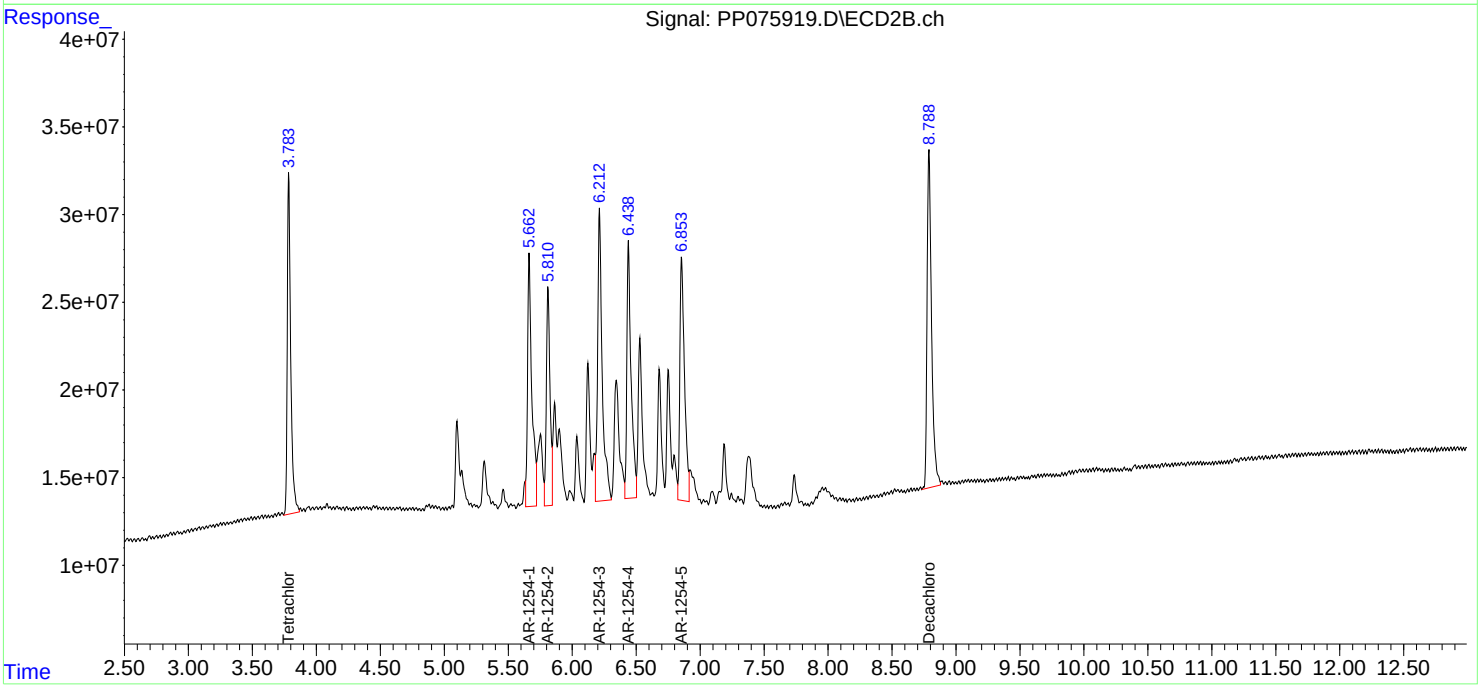
**Manual Integrations APPROVED**

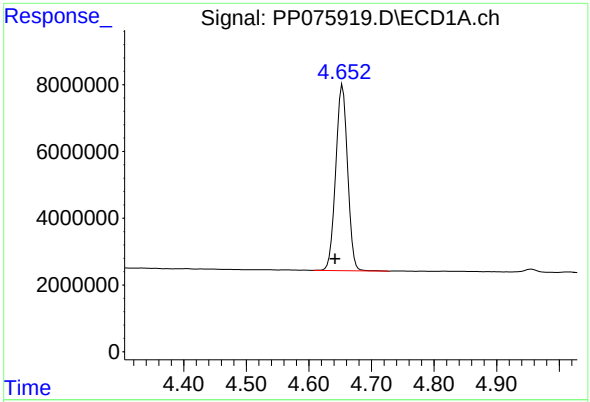
Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 09:02:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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





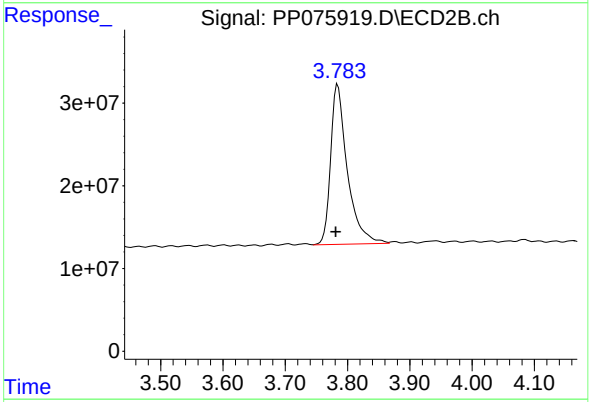

#1 Tetrachloro-m-xylene

R.T.: 4.654 min
Delta R.T.: 0.012 min
Response: 73513288
Conc: 51.44 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1254

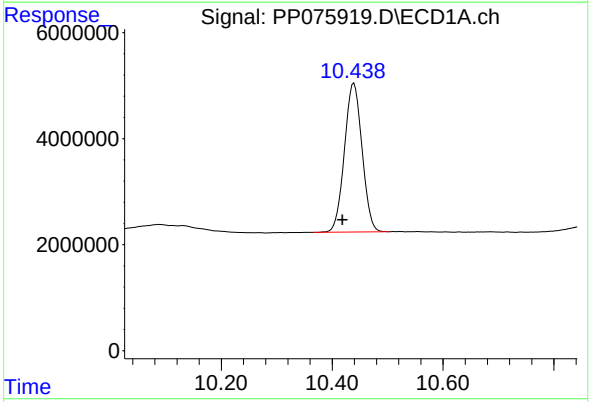
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



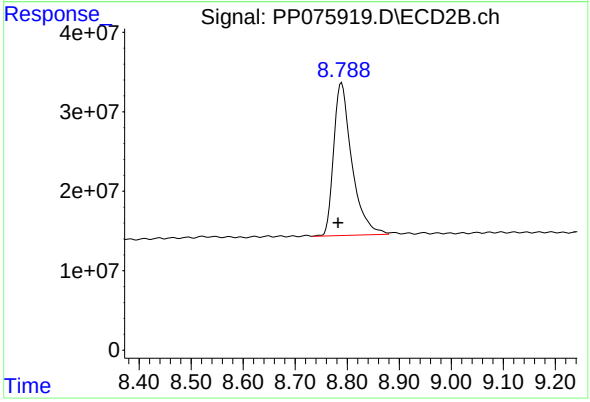

#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 361298176
Conc: 54.59 ng/ml



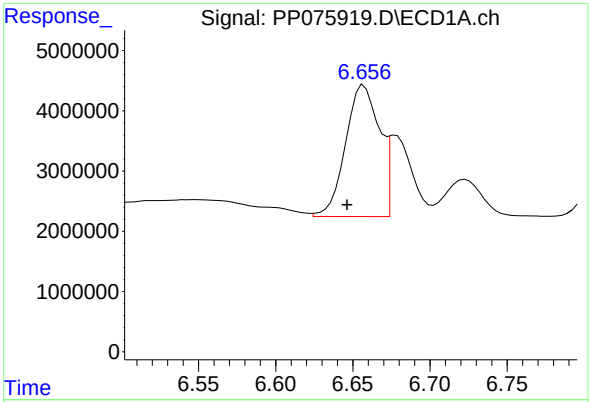

#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.020 min
Response: 61994754
Conc: 57.59 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: 0.007 min
Response: 468189220
Conc: 56.94 ng/ml



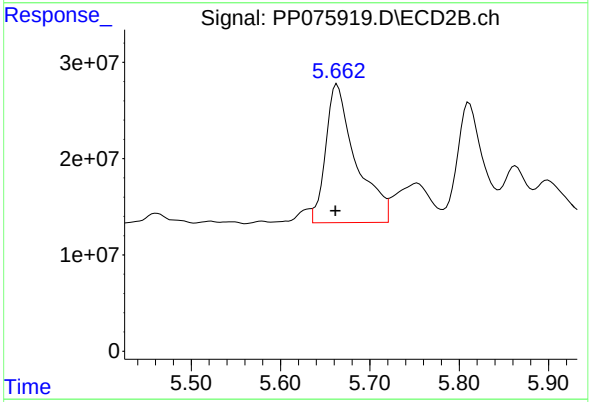

#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.011 min
Response: 33305659
Conc: 416.88 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1254

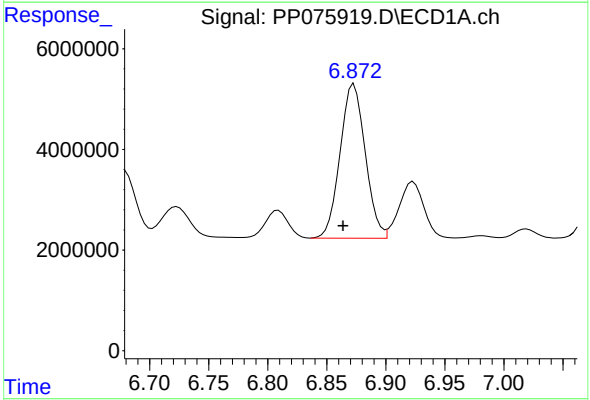
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



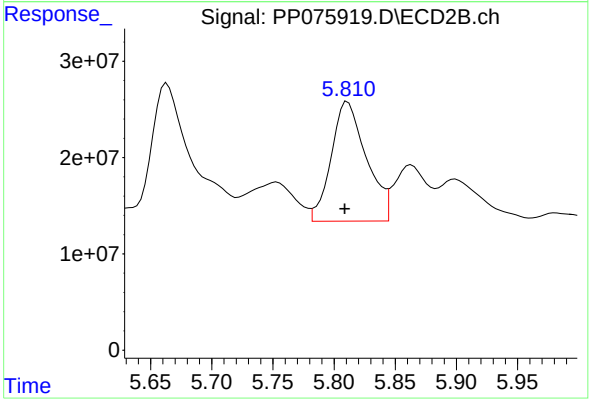

#26 AR-1254-1

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 337270442
Conc: 598.00 ng/ml m



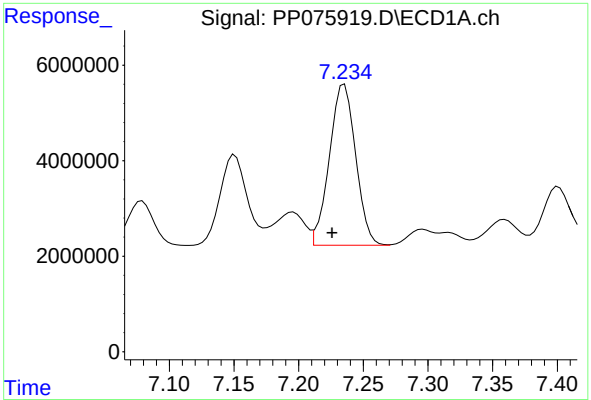

#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: 0.009 min
Response: 45460472
Conc: 454.68 ng/ml




#27 AR-1254-2

R.T.: 5.811 min
Delta R.T.: 0.003 min
Response: 248460060
Conc: 468.72 ng/ml



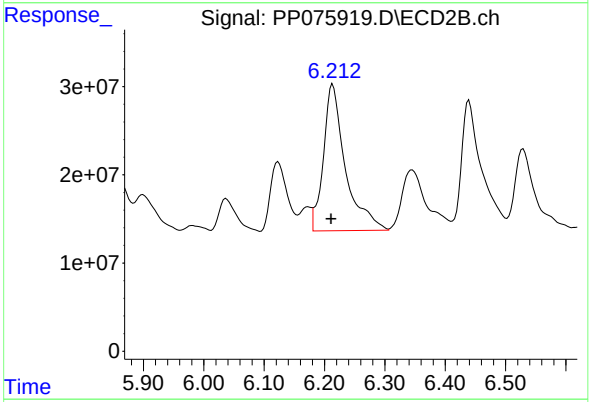

#28 AR-1254-3

R.T.: 7.235 min
Delta R.T.: 0.009 min
Response: 47667437
Conc: 458.54 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1254

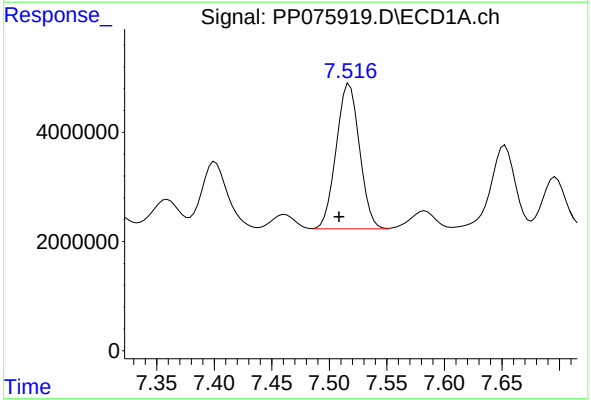
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



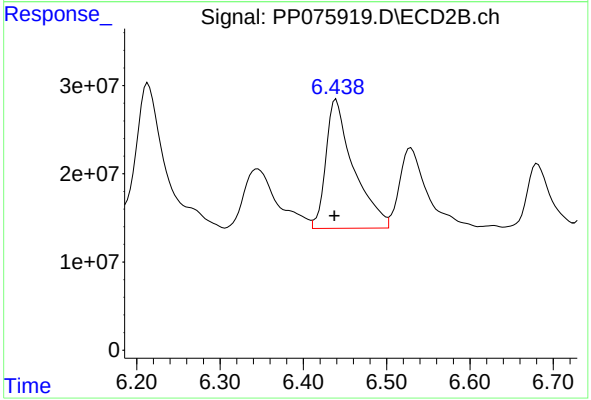

#28 AR-1254-3

R.T.: 6.214 min
Delta R.T.: 0.003 min
Response: 420518097
Conc: 494.09 ng/ml



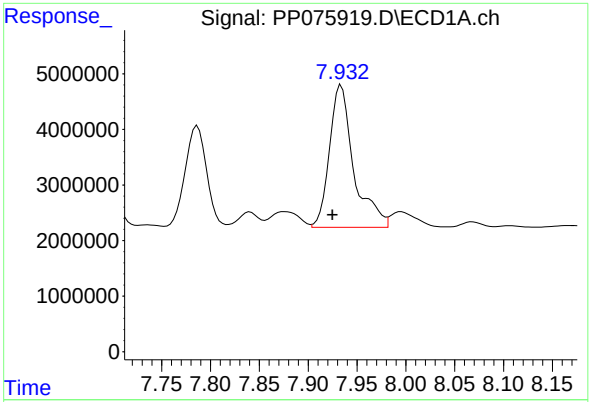

#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.009 min
Response: 37597676
Conc: 449.66 ng/ml




#29 AR-1254-4

R.T.: 6.439 min
Delta R.T.: 0.002 min
Response: 337314232
Conc: 535.61 ng/ml



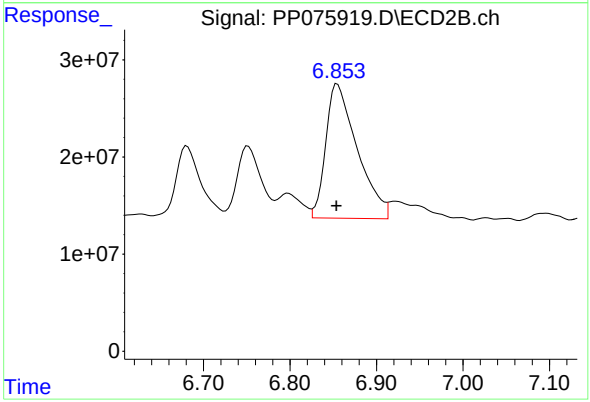

#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.009 min
Response: 44185805
Conc: 482.53 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1254

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025




#30 AR-1254-5

R.T.: 6.855 min
Delta R.T.: 0.001 min
Response: 348640193
Conc: 484.30 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 09:07
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 15:40:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:38:49 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... | 4.648 | 3.782 | 80645176 | 382.7E6 | 50.921 | 52.402 |
| 2) | SA Decachlor... | 10.430 | 8.784 | 112.8E6 | 913.8E6 | 52.199 | 55.404 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.881 | 7.671 | 106.5E6 | 989.5E6 | 515.825 | 546.466 |
| 42) | L9 AR-1268-2 | 8.976 | 7.736 | 98184801 | 960.8E6 | 521.533 | 553.714 |
| 43) | L9 AR-1268-3 | 9.216 | 7.942 | 81566200 | 749.4E6 | 525.609 | 548.157 |
| 44) | L9 AR-1268-4 | 9.645 | 8.228 | 39672536 | 280.8E6 | 504.438 | 542.576 |
| 45) | L9 AR-1268-5 | 10.076 | 8.525 | 246.0E6 | 2111.9E6 | 512.030 | 559.930 |

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

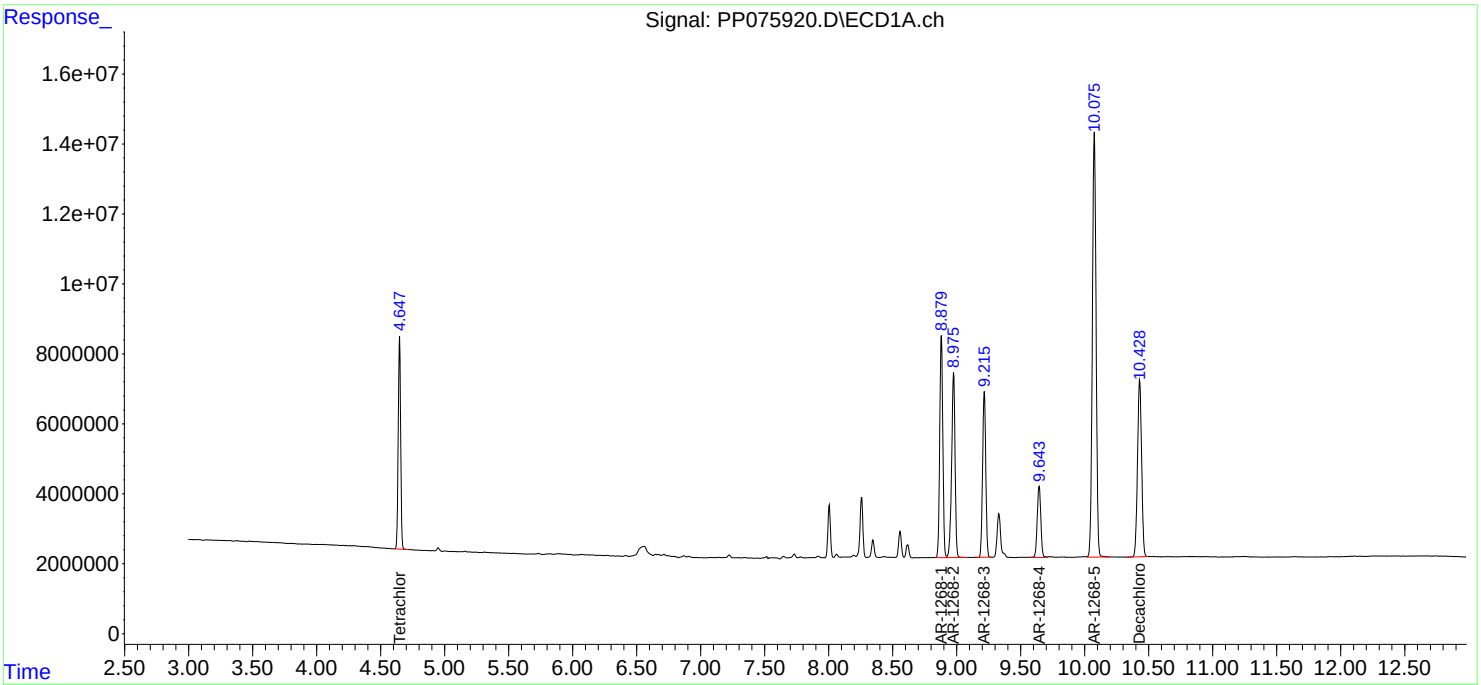
ICAL Form

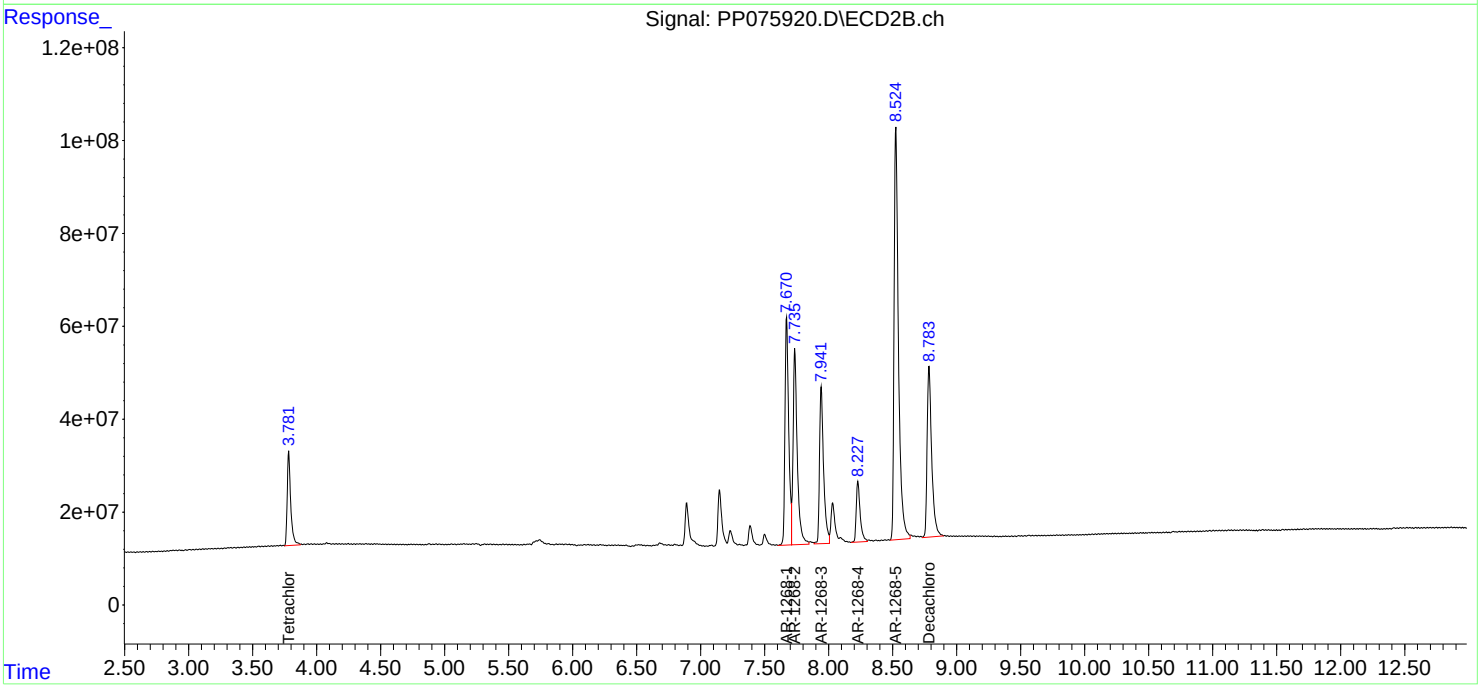
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 09:07
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

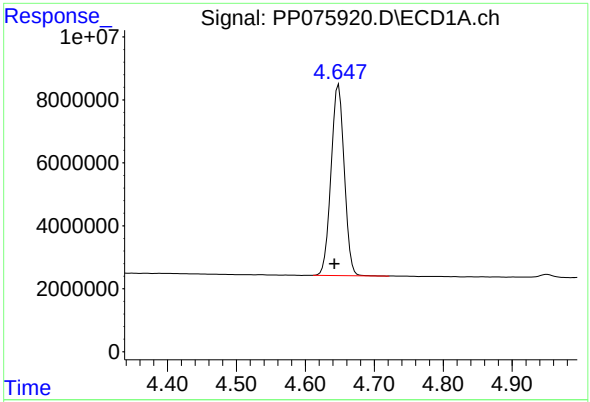
**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 15:40:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:38:49 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



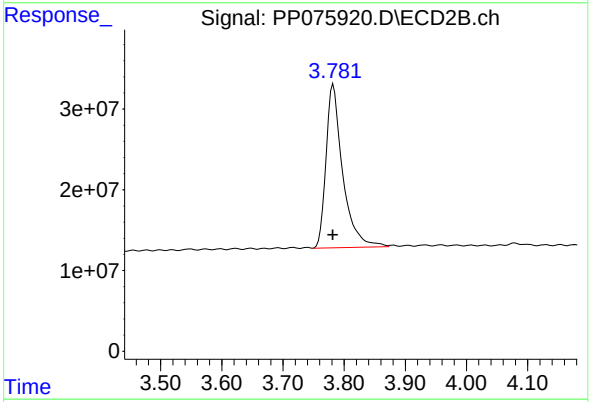






#1 Tetrachloro-m-xylene

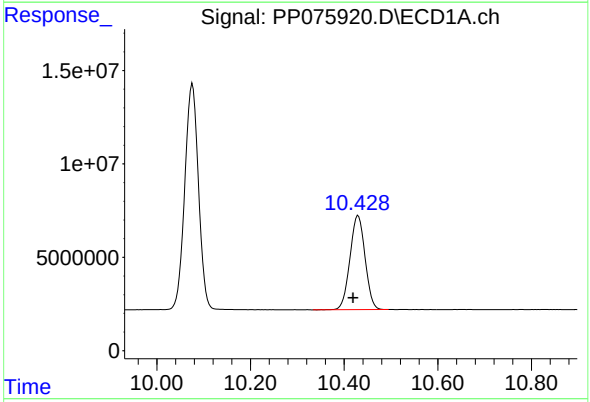
R.T.: 4.648 min
Delta R.T.: 0.006 min
Response: 80645176
Conc: 50.92 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1268



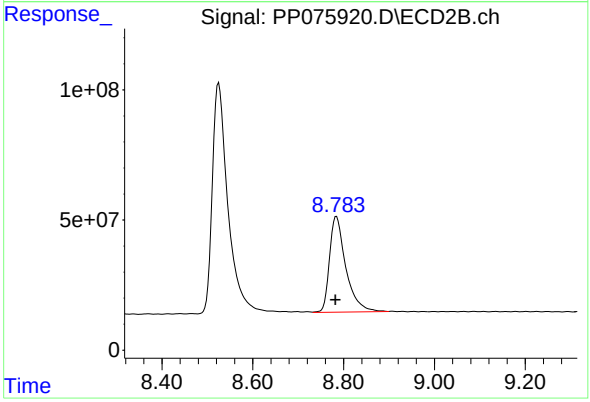

#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.001 min
Response: 382676778
Conc: 52.40 ng/ml



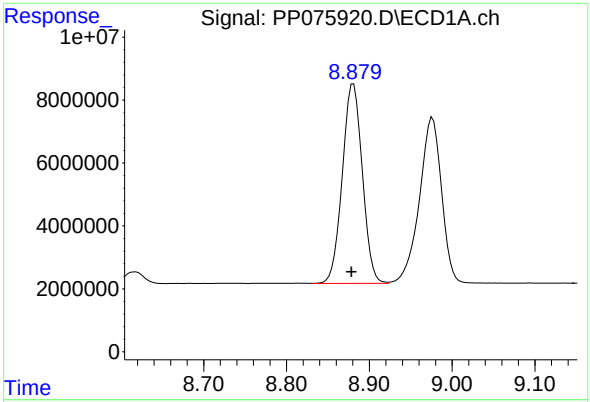

#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.011 min
Response: 112806643
Conc: 52.20 ng/ml




#2 Decachlorobiphenyl

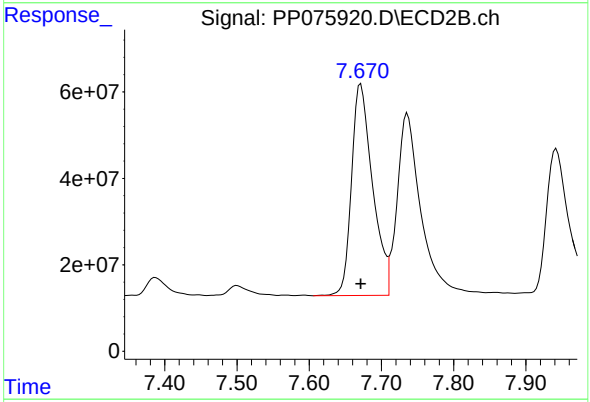
R.T.: 8.784 min
Delta R.T.: 0.002 min
Response: 913768766
Conc: 55.40 ng/ml




#41 AR-1268-1

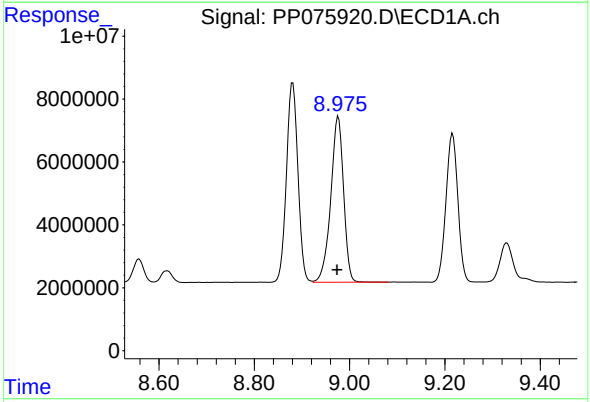
R.T.: 8.881 min
Delta R.T.: 0.002 min
Response: 106536710
Conc: 515.83 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1268



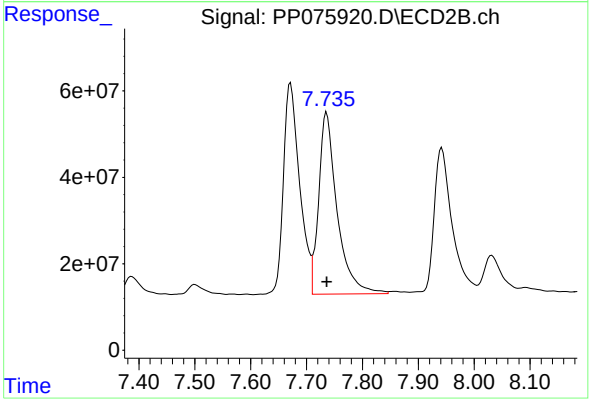

#41 AR-1268-1

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 989459670
Conc: 546.47 ng/ml



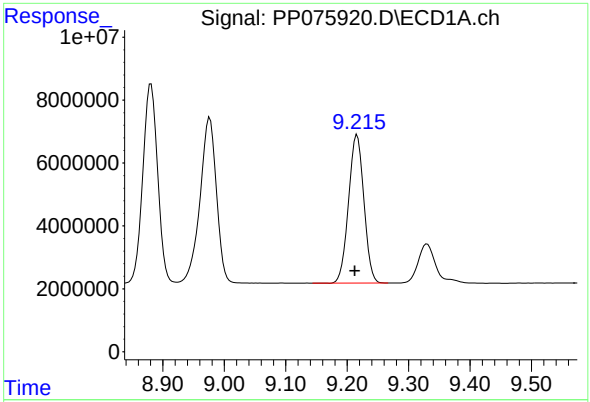

#42 AR-1268-2

R.T.: 8.976 min
Delta R.T.: 0.003 min
Response: 98184801
Conc: 521.53 ng/ml




#42 AR-1268-2

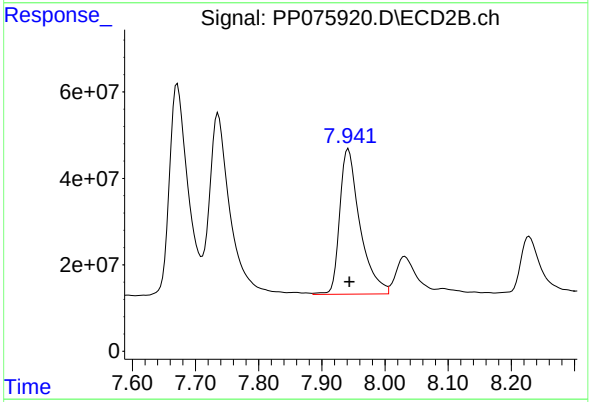
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 960757181
Conc: 553.71 ng/ml




#43 AR-1268-3

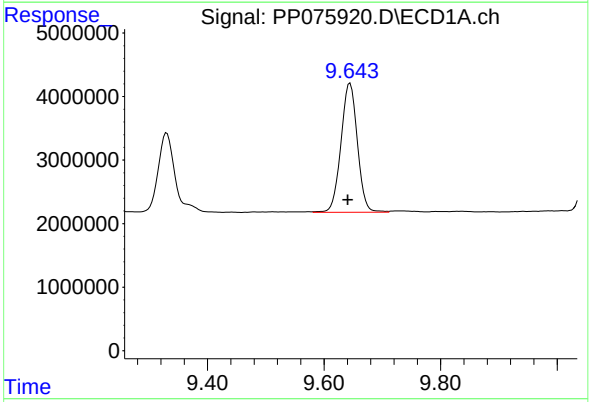
R.T.: 9.216 min
Delta R.T.: 0.004 min
Response: 81566200
Conc: 525.61 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1268



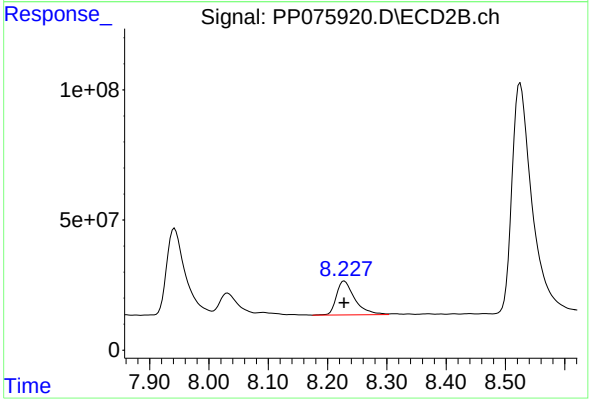

#43 AR-1268-3

R.T.: 7.942 min
Delta R.T.: -0.002 min
Response: 749381557
Conc: 548.16 ng/ml



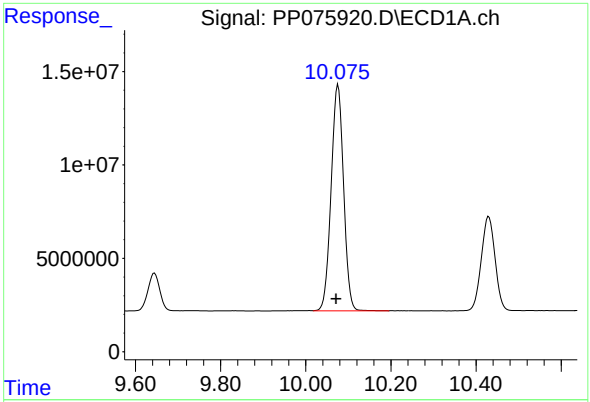

#44 AR-1268-4

R.T.: 9.645 min
Delta R.T.: 0.004 min
Response: 39672536
Conc: 504.44 ng/ml




#44 AR-1268-4

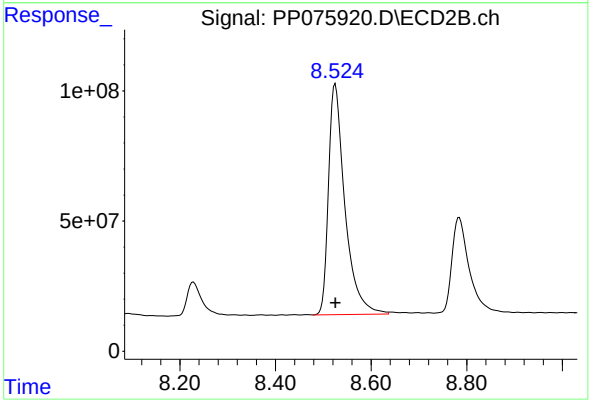
R.T.: 8.228 min
Delta R.T.: 0.000 min
Response: 280752507
Conc: 542.58 ng/ml




#45 AR-1268-5

R.T.: 10.076 min
Delta R.T.: 0.005 min
Response: 245972462
Conc: 512.03 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP102125AR1268




#45 AR-1268-5

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 2111903828
Conc: 559.93 ng/ml

Raw Data

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## RETENTION TIMES OF INITIAL CALIBRATION

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Instrument ID:** ECD_Q **Calibration Date(s):** 10/10/2025 10/10/2025

**Calibration Times:** 08:57 16:43

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

**LAB FILE ID:** RT 1000 = PQ070973.D RT 750 = PQ070974.D

RT 500 = PQ070975.D RT 250 = PQ070976.D RT 050 = PQ070977.D

| COMPOUND | | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.48 | 4.48 | 4.48 | 4.48 | 4.48 | 4.48 | 4.38 | 4.58 |
| Aroclor-1016-2 | (2) | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.40 | 4.60 |
| Aroclor-1016-3 | (3) | 4.56 | 4.56 | 4.56 | 4.56 | 4.56 | 4.56 | 4.46 | 4.66 |
| Aroclor-1016-4 | (4) | 4.65 | 4.65 | 4.65 | 4.65 | 4.65 | 4.65 | 4.55 | 4.75 |
| Aroclor-1016-5 | (5) | 4.93 | 4.93 | 4.93 | 4.93 | 4.93 | 4.93 | 4.83 | 5.03 |
| Aroclor-1260-1 | (1) | 6.02 | 6.02 | 6.02 | 6.02 | 6.02 | 6.02 | 5.92 | 6.12 |
| Aroclor-1260-2 | (2) | 6.28 | 6.28 | 6.28 | 6.28 | 6.27 | 6.28 | 6.18 | 6.38 |
| Aroclor-1260-3 | (3) | 6.63 | 6.63 | 6.63 | 6.63 | 6.63 | 6.63 | 6.53 | 6.73 |
| Aroclor-1260-4 | (4) | 6.84 | 6.84 | 6.84 | 6.84 | 6.84 | 6.84 | 6.74 | 6.94 |
| Aroclor-1260-5 | (5) | 7.15 | 7.15 | 7.15 | 7.15 | 7.15 | 7.15 | 7.05 | 7.25 |
| Decachlorobiphenyl | | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 | 8.40 | 8.60 |
| Tetrachloro-m-xylene | | 3.40 | 3.40 | 3.40 | 3.40 | 3.40 | 3.40 | 3.30 | 3.50 |
| Aroclor-1242-1 | (1) | 4.48 | 4.48 | 4.48 | 4.48 | 4.48 | 4.48 | 4.38 | 4.58 |
| Aroclor-1242-2 | (2) | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.50 | 4.40 | 4.60 |
| Aroclor-1242-3 | (3) | 4.56 | 4.56 | 4.56 | 4.56 | 4.56 | 4.56 | 4.46 | 4.66 |
| Aroclor-1242-4 | (4) | 4.65 | 4.65 | 4.65 | 4.65 | 4.65 | 4.65 | 4.55 | 4.75 |
| Aroclor-1242-5 | (5) | 5.35 | 5.35 | 5.35 | 5.35 | 5.32 | 5.34 | 5.24 | 5.44 |
| Decachlorobiphenyl | | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 | 8.40 | 8.60 |
| Tetrachloro-m-xylene | | 3.40 | 3.40 | 3.40 | 3.40 | 3.40 | 3.40 | 3.30 | 3.50 |
| Aroclor-1248-1 | (1) | 4.48 | 4.48 | 4.48 | 4.48 | 4.48 | 4.48 | 4.38 | 4.58 |
| Aroclor-1248-2 | (2) | 4.74 | 4.74 | 4.74 | 4.74 | 4.74 | 4.74 | 4.64 | 4.84 |
| Aroclor-1248-3 | (3) | 4.93 | 4.93 | 4.93 | 4.93 | 4.93 | 4.93 | 4.83 | 5.03 |
| Aroclor-1248-4 | (4) | 5.32 | 5.32 | 5.32 | 5.32 | 5.32 | 5.32 | 5.22 | 5.42 |
| Aroclor-1248-5 | (5) | 5.35 | 5.35 | 5.35 | 5.35 | 5.35 | 5.35 | 5.25 | 5.45 |
| Decachlorobiphenyl | | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 | 8.40 | 8.60 |
| Tetrachloro-m-xylene | | 3.40 | 3.40 | 3.40 | 3.40 | 3.40 | 3.40 | 3.30 | 3.50 |
| Aroclor-1254-1 | (1) | 5.29 | 5.29 | 5.29 | 5.29 | 5.29 | 5.29 | 5.19 | 5.39 |
| Aroclor-1254-2 | (2) | 5.51 | 5.51 | 5.51 | 5.51 | 5.51 | 5.51 | 5.41 | 5.61 |
| Aroclor-1254-3 | (3) | 5.86 | 5.85 | 5.86 | 5.86 | 5.86 | 5.86 | 5.76 | 5.96 |
| Aroclor-1254-4 | (4) | 6.14 | 6.13 | 6.14 | 6.14 | 6.14 | 6.14 | 6.04 | 6.24 |
| Aroclor-1254-5 | (5) | 6.54 | 6.54 | 6.54 | 6.54 | 6.54 | 6.54 | 6.44 | 6.64 |
| Decachlorobiphenyl | | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 | 8.40 | 8.60 |
| Tetrachloro-m-xylene | | 3.40 | 3.40 | 3.40 | 3.40 | 3.40 | 3.40 | 3.30 | 3.50 |
| Aroclor-1268-1 | (1) | 7.42 | 7.42 | 7.42 | 7.42 | 7.42 | 7.42 | 7.32 | 7.52 |
| Aroclor-1268-2 | (2) | 7.49 | 7.50 | 7.50 | 7.50 | 7.50 | 7.50 | 7.40 | 7.60 |
| Aroclor-1268-3 | (3) | 7.68 | 7.68 | 7.68 | 7.68 | 7.68 | 7.68 | 7.58 | 7.78 |
| Aroclor-1268-4 | (4) | 7.99 | 7.99 | 7.99 | 7.99 | 7.99 | 7.99 | 7.89 | 8.09 |
| Aroclor-1268-5 | (5) | 8.27 | 8.27 | 8.27 | 8.27 | 8.27 | 8.27 | 8.17 | 8.37 |

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**RETENTION TIMES OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 | 8.50 | 8.40 | 8.60 |
| Tetrachloro-m-xylene | 3.40 | 3.40 | 3.40 | 3.40 | 3.40 | 3.40 | 3.30 | 3.50 |

Raw Data

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## RETENTION TIMES OF INITIAL CALIBRATION

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Instrument ID:** ECD_Q **Calibration Date(s):** 10/10/2025 10/10/2025

**Calibration Times:** 08:57 16:43

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

**LAB FILE ID:** RT 1000 = PQ070973.D RT 750 = PQ070974.D

RT 500 = PQ070975.D RT 250 = PQ070976.D RT 050 = PQ070977.D

| COMPOUND | | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 3.78 | 3.78 | 3.78 | 3.78 | 3.78 | 3.78 | 3.68 | 3.88 |
| Aroclor-1016-2 | (2) | 3.79 | 3.79 | 3.79 | 3.79 | 3.79 | 3.79 | 3.69 | 3.89 |
| Aroclor-1016-3 | (3) | 3.95 | 3.95 | 3.95 | 3.95 | 3.95 | 3.95 | 3.85 | 4.05 |
| Aroclor-1016-4 | (4) | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 3.90 | 4.10 |
| Aroclor-1016-5 | (5) | 4.20 | 4.20 | 4.20 | 4.20 | 4.20 | 4.20 | 4.10 | 4.30 |
| Aroclor-1260-1 | (1) | 5.19 | 5.19 | 5.19 | 5.19 | 5.19 | 5.19 | 5.09 | 5.29 |
| Aroclor-1260-2 | (2) | 5.38 | 5.38 | 5.38 | 5.38 | 5.38 | 5.38 | 5.28 | 5.48 |
| Aroclor-1260-3 | (3) | 5.52 | 5.52 | 5.52 | 5.52 | 5.52 | 5.52 | 5.42 | 5.62 |
| Aroclor-1260-4 | (4) | 5.98 | 5.98 | 5.98 | 5.98 | 5.98 | 5.98 | 5.88 | 6.08 |
| Aroclor-1260-5 | (5) | 6.22 | 6.22 | 6.22 | 6.22 | 6.22 | 6.22 | 6.12 | 6.32 |
| Decachlorobiphenyl | | 7.53 | 7.53 | 7.53 | 7.53 | 7.53 | 7.53 | 7.43 | 7.63 |
| Tetrachloro-m-xylene | | 2.78 | 2.78 | 2.78 | 2.78 | 2.78 | 2.78 | 2.68 | 2.88 |
| Aroclor-1242-1 | (1) | 3.78 | 3.78 | 3.78 | 3.78 | 3.78 | 3.78 | 3.68 | 3.88 |
| Aroclor-1242-2 | (2) | 3.79 | 3.79 | 3.79 | 3.79 | 3.79 | 3.79 | 3.69 | 3.89 |
| Aroclor-1242-3 | (3) | 3.95 | 3.95 | 3.95 | 3.95 | 3.95 | 3.95 | 3.85 | 4.05 |
| Aroclor-1242-4 | (4) | 4.04 | 4.04 | 4.04 | 4.04 | 4.04 | 4.04 | 3.94 | 4.14 |
| Aroclor-1242-5 | (5) | 4.53 | 4.53 | 4.53 | 4.53 | 4.53 | 4.53 | 4.43 | 4.63 |
| Decachlorobiphenyl | | 7.53 | 7.53 | 7.53 | 7.53 | 7.53 | 7.53 | 7.43 | 7.63 |
| Tetrachloro-m-xylene | | 2.78 | 2.78 | 2.78 | 2.78 | 2.78 | 2.78 | 2.68 | 2.88 |
| Aroclor-1248-1 | (1) | 3.78 | 3.78 | 3.78 | 3.78 | 3.78 | 3.78 | 3.68 | 3.88 |
| Aroclor-1248-2 | (2) | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 3.90 | 4.10 |
| Aroclor-1248-3 | (3) | 4.04 | 4.04 | 4.04 | 4.04 | 4.04 | 4.04 | 3.94 | 4.14 |
| Aroclor-1248-4 | (4) | 4.20 | 4.20 | 4.20 | 4.20 | 4.20 | 4.20 | 4.10 | 4.30 |
| Aroclor-1248-5 | (5) | 4.57 | 4.57 | 4.57 | 4.57 | 4.57 | 4.57 | 4.47 | 4.67 |
| Decachlorobiphenyl | | 7.53 | 7.53 | 7.53 | 7.53 | 7.53 | 7.53 | 7.43 | 7.63 |
| Tetrachloro-m-xylene | | 2.78 | 2.78 | 2.78 | 2.78 | 2.78 | 2.78 | 2.68 | 2.88 |
| Aroclor-1254-1 | (1) | 4.53 | 4.53 | 4.53 | 4.53 | 4.53 | 4.53 | 4.43 | 4.63 |
| Aroclor-1254-2 | (2) | 4.68 | 4.68 | 4.68 | 4.68 | 4.68 | 4.68 | 4.58 | 4.78 |
| Aroclor-1254-3 | (3) | 5.06 | 5.06 | 5.06 | 5.06 | 5.06 | 5.06 | 4.96 | 5.16 |
| Aroclor-1254-4 | (4) | 5.29 | 5.29 | 5.29 | 5.29 | 5.29 | 5.29 | 5.19 | 5.39 |
| Aroclor-1254-5 | (5) | 5.69 | 5.69 | 5.69 | 5.69 | 5.69 | 5.69 | 5.59 | 5.79 |
| Decachlorobiphenyl | | 7.53 | 7.53 | 7.53 | 7.53 | 7.53 | 7.53 | 7.43 | 7.63 |
| Tetrachloro-m-xylene | | 2.78 | 2.78 | 2.78 | 2.78 | 2.78 | 2.78 | 2.68 | 2.88 |
| Aroclor-1268-1 | (1) | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.40 | 6.60 |
| Aroclor-1268-2 | (2) | 6.56 | 6.56 | 6.56 | 6.56 | 6.56 | 6.56 | 6.46 | 6.66 |
| Aroclor-1268-3 | (3) | 6.76 | 6.76 | 6.76 | 6.76 | 6.76 | 6.76 | 6.66 | 6.86 |
| Aroclor-1268-4 | (4) | 7.05 | 7.05 | 7.05 | 7.05 | 7.05 | 7.05 | 6.95 | 7.15 |
| Aroclor-1268-5 | (5) | 7.32 | 7.32 | 7.32 | 7.32 | 7.32 | 7.32 | 7.22 | 7.42 |

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**RETENTION TIMES OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 7.53 | 7.53 | 7.53 | 7.53 | 7.53 | 7.53 | 7.43 | 7.63 |
| Tetrachloro-m-xylene | 2.78 | 2.78 | 2.78 | 2.78 | 2.78 | 2.78 | 2.68 | 2.88 |

Raw Data

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## CALIBRATION FACTOR OF INITIAL CALIBRATION

**Lab Name:** Alliance
**Lab Code:** ACE
**Instrument ID:** ECD_Q

**Contract:** ROYF02
**SDG NO.:** Q3447
**Calibration Date(s):** 10/10/2025 10/10/2025
**Calibration Times:** 08:57 16:43

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

**LAB FILE ID:** CF 1000 = PQ070973.D CF 750 = PQ070974.D
CF 500 = PQ070975.D CF 250 = PQ070976.D CF 050 = PQ070977.D

| COMPOUND | | CF 1000 | CF 750 | CF 500 | CF 250 | CF 050 | CF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 152632258 | 161381460 | 169566884 | 175492100 | 161647220 | 164143984 | 5 |
| Aroclor-1016-2 | (2) | 235274296 | 256838307 | 264605432 | 271518004 | 253235720 | 256294352 | 5 |
| Aroclor-1016-3 | (3) | 145675938 | 156782704 | 164416996 | 169596776 | 159119400 | 159118363 | 6 |
| Aroclor-1016-4 | (4) | 120162951 | 129378400 | 134848252 | 138303760 | 126953020 | 129929277 | 5 |
| Aroclor-1016-5 | (5) | 117231883 | 128545740 | 133336348 | 136306768 | 128593380 | 128802824 | 6 |
| Aroclor-1260-1 | (1) | 208928914 | 234195365 | 241877518 | 247859876 | 239493660 | 234471067 | 6 |
| Aroclor-1260-2 | (2) | 243695794 | 275266251 | 287710272 | 296720404 | 279652200 | 276608984 | 7 |
| Aroclor-1260-3 | (3) | 178017013 | 196424459 | 204653606 | 209590628 | 207855920 | 199308325 | 6 |
| Aroclor-1260-4 | (4) | 191556315 | 214263107 | 223690164 | 228814336 | 216092480 | 214883280 | 7 |
| Aroclor-1260-5 | (5) | 400986941 | 436898331 | 447507618 | 451939420 | 431553500 | 433777162 | 5 |
| Decachlorobiphenyl | | 2603997920 | 2888430733 | 3017037660 | 3097201720 | 2913248400 | 2903983287 | 6 |
| Tetrachloro-m-xylene | | 4048991050 | 4420325093 | 4447782420 | 4497118040 | 4337178200 | 4350278961 | 4 |
| Aroclor-1242-1 | (1) | 117929900 | 120501580 | 121917368 | 124177888 | 110233240 | 118951995 | 5 |
| Aroclor-1242-2 | (2) | 179238730 | 188762288 | 194471730 | 197719720 | 193371880 | 190712870 | 4 |
| Aroclor-1242-3 | (3) | 111298009 | 117265485 | 120728326 | 123754708 | 121434700 | 118896246 | 4 |
| Aroclor-1242-4 | (4) | 91702396 | 97376287 | 98944784 | 101196952 | 108558560 | 99555796 | 6 |
| Aroclor-1242-5 | (5) | 63322787 | 67097277 | 82718820 | 102665812 | 77804800 | 78721899 | 20 |
| Decachlorobiphenyl | | 3082568640 | 3243406933 | 3352805760 | 3359769360 | 3286790800 | 3265068299 | 3 |
| Tetrachloro-m-xylene | | 4441893010 | 4577290613 | 4623065280 | 4605855840 | 4702516200 | 4590124189 | 2 |
| Aroclor-1248-1 | (1) | 89951061 | 92802913 | 99278242 | 97399904 | 67891380 | 89464700 | 14 |
| Aroclor-1248-2 | (2) | 126849870 | 131764987 | 138900528 | 142257364 | 142462060 | 136446962 | 5 |
| Aroclor-1248-3 | (3) | 152980867 | 157544657 | 166146850 | 167481096 | 162764480 | 161383590 | 4 |
| Aroclor-1248-4 | (4) | 167077290 | 173126060 | 182827440 | 186713196 | 157721500 | 173493097 | 7 |
| Aroclor-1248-5 | (5) | 163667698 | 168136284 | 132211082 | 121389384 | 159185140 | 148917918 | 14 |
| Decachlorobiphenyl | | 3177348440 | 3248518907 | 3402766540 | 3434790520 | 3353916400 | 3323468161 | 3 |
| Tetrachloro-m-xylene | | 4546508980 | 4599154480 | 4739413180 | 4685828360 | 4518221600 | 4617825320 | 2 |
| Aroclor-1254-1 | (1) | 186317660 | 198212097 | 200308250 | 222421948 | 174131700 | 196278331 | 9 |
| Aroclor-1254-2 | (2) | 272465681 | 301191412 | 300558232 | 318683640 | 259516480 | 290483089 | 8 |
| Aroclor-1254-3 | (3) | 294493285 | 320137152 | 318530722 | 335107472 | 267769020 | 307207530 | 9 |
| Aroclor-1254-4 | (4) | 212636724 | 232647637 | 229798130 | 237628972 | 184991000 | 219540493 | 10 |
| Aroclor-1254-5 | (5) | 229095618 | 241104957 | 242576814 | 249415576 | 197285560 | 231895705 | 9 |
| Decachlorobiphenyl | | 3135993520 | 3237057933 | 3300114540 | 3432442200 | 2724290800 | 3165979799 | 9 |
| Tetrachloro-m-xylene | | 4449551480 | 4584042107 | 4604497820 | 4625575480 | 3701892800 | 4393111937 | 9 |
| Aroclor-1268-1 | (1) | 555593291 | 572438855 | 583365466 | 598015136 | 603747960 | 582632142 | 3 |

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**CALIBRATION FACTOR OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1268-2 | (2) | 510325576 | 524057337 | 534075228 | 546100468 | 539884140 | 530888550 | 3 |
| Aroclor-1268-3 | (3) | 416538407 | 427532203 | 436646098 | 443325192 | 442459640 | 433300308 | 3 |
| Aroclor-1268-4 | (4) | 179373252 | 185531188 | 189624920 | 193669728 | 190155160 | 187670850 | 3 |
| Aroclor-1268-5 | (5) | 1283167757 | 1308010297 | 1321380362 | 1326514116 | 1318957680 | 1311606042 | 1 |
| Decachlorobiphenyl | | 5757514290 | 5913646120 | 6037365900 | 6192444040 | 6223042400 | 6024802550 | 3 |
| Tetrachloro-m-xylene | | 4734874420 | 4871269707 | 4916225920 | 4964521920 | 4932484000 | 4883875193 | 2 |

Raw Data

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## CALIBRATION FACTOR OF INITIAL CALIBRATION

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Instrument ID:** ECD_Q **Calibration Date(s):** 10/10/2025 10/10/2025

**Calibration Times:** 08:57 16:43

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

**LAB FILE ID:** CF 1000 = PQ070973.D CF 750 = PQ070974.D

CF 500 = PQ070975.D CF 250 = PQ070976.D CF 050 = PQ070977.D

| COMPOUND | | CF 1000 | CF 750 | CF 500 | CF 250 | CF 050 | CF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 198094739 | 217218485 | 228189888 | 237783008 | 238723760 | 224001976 | 8 |
| Aroclor-1016-2 | (2) | 306974778 | 336928535 | 345611618 | 359075648 | 352024660 | 340123048 | 6 |
| Aroclor-1016-3 | (3) | 164197912 | 180535471 | 187035142 | 195263012 | 182262860 | 181858879 | 6 |
| Aroclor-1016-4 | (4) | 139678855 | 154088441 | 161162796 | 170890484 | 161242760 | 157412667 | 7 |
| Aroclor-1016-5 | (5) | 171310856 | 187991799 | 196963118 | 205633060 | 197310680 | 191841903 | 7 |
| Aroclor-1260-1 | (1) | 322104344 | 352779140 | 365742242 | 382158164 | 379245720 | 360405922 | 7 |
| Aroclor-1260-2 | (2) | 392921251 | 432078265 | 450339936 | 466790948 | 457838380 | 439993756 | 7 |
| Aroclor-1260-3 | (3) | 374441100 | 409997701 | 423595070 | 436050024 | 430913160 | 414999411 | 6 |
| Aroclor-1260-4 | (4) | 324169048 | 356082777 | 368301826 | 380117112 | 370143240 | 359762801 | 6 |
| Aroclor-1260-5 | (5) | 773923407 | 822481391 | 873089514 | 880740576 | 851175200 | 840282018 | 5 |
| Decachlorobiphenyl | | 4511855410 | 4959881947 | 5165429800 | 5359918520 | 5250729800 | 5049563095 | 7 |
| Tetrachloro-m-xylene | | 4790824740 | 5183285133 | 5313707940 | 5302586120 | 4809696600 | 5080020107 | 5 |
| Aroclor-1242-1 | (1) | 149120136 | 160366853 | 160219200 | 165386980 | 179219740 | 162862582 | 7 |
| Aroclor-1242-2 | (2) | 228406508 | 237737935 | 244055020 | 248772624 | 247903320 | 241375081 | 4 |
| Aroclor-1242-3 | (3) | 123267302 | 131780304 | 132089372 | 135429308 | 136535900 | 131820437 | 4 |
| Aroclor-1242-4 | (4) | 107929318 | 113409847 | 120761922 | 128344628 | 102401880 | 114569519 | 9 |
| Aroclor-1242-5 | (5) | 175313049 | 196019013 | 175387368 | 167275268 | 156704980 | 174139936 | 8 |
| Decachlorobiphenyl | | 5194557400 | 5483323560 | 5616478880 | 5698756520 | 6104877800 | 5619598832 | 6 |
| Tetrachloro-m-xylene | | 5511103540 | 5712989200 | 5725543240 | 5446452960 | 5436162600 | 5566450308 | 3 |
| Aroclor-1248-1 | (1) | 118147108 | 120641916 | 127443132 | 132200888 | 134031720 | 126492953 | 6 |
| Aroclor-1248-2 | (2) | 172958749 | 177705395 | 189325858 | 196101732 | 206725040 | 188563355 | 7 |
| Aroclor-1248-3 | (3) | 167593672 | 172934769 | 178216680 | 182062792 | 197467520 | 179655087 | 6 |
| Aroclor-1248-4 | (4) | 207432918 | 214191484 | 230649658 | 232116576 | 237264740 | 224331075 | 6 |
| Aroclor-1248-5 | (5) | 211078475 | 216720032 | 243430792 | 250826296 | 242157620 | 232842643 | 8 |
| Decachlorobiphenyl | | 5357284330 | 5460780160 | 5730809660 | 5844375240 | 6130897000 | 5704829278 | 5 |
| Tetrachloro-m-xylene | | 5499268270 | 5571294053 | 5722936200 | 5664492400 | 5408993600 | 5573396905 | 2 |
| Aroclor-1254-1 | (1) | 326099704 | 341297420 | 345505280 | 377987212 | 295169840 | 337211891 | 9 |
| Aroclor-1254-2 | (2) | 283781194 | 302336180 | 304849560 | 326229636 | 268575420 | 297154398 | 7 |
| Aroclor-1254-3 | (3) | 455841488 | 477545104 | 484627186 | 501619228 | 415693040 | 467065209 | 7 |
| Aroclor-1254-4 | (4) | 291449906 | 303039177 | 308578712 | 317073776 | 256115840 | 295251482 | 8 |
| Aroclor-1254-5 | (5) | 417470468 | 427079459 | 439495106 | 452352324 | 365350180 | 420349507 | 8 |
| Decachlorobiphenyl | | 5360763820 | 5577066440 | 5716894620 | 5972893640 | 5256420800 | 5576807864 | 5 |
| Tetrachloro-m-xylene | | 5311856950 | 5451428933 | 5484489360 | 5522984680 | 4238156400 | 5201783265 | 10 |
| Aroclor-1268-1 | (1) | 931455367 | 961712979 | 973652708 | 974423320 | 1030986200 | 974446115 | 4 |

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**CALIBRATION FACTOR OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1268-2 | (2) | 858872879 | 891158693 | 900594916 | 906701084 | 936258500 | 898717214 | 3 |
| Aroclor-1268-3 | (3) | 746016914 | 769745548 | 779615614 | 791820108 | 821422560 | 781724149 | 4 |
| Aroclor-1268-4 | (4) | 330162118 | 339473573 | 345636662 | 356393996 | 350955500 | 344524370 | 3 |
| Aroclor-1268-5 | (5) | 2374681378 | 2422263161 | 2432472106 | 2427996872 | 2444443520 | 2420371407 | 1 |
| Decachlorobiphenyl | | 10401085910 | 10736618840 | 10941521580 | 11269357960 | 11896046400 | 11048926138 | 5 |
| Tetrachloro-m-xylene | | 5581659480 | 5729850200 | 5733063640 | 5828463760 | 5669436400 | 5708494696 | 2 |

Raw Data

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## INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Instrument ID:** ECD_Q **Date(s) Analyzed:** 10/10/2025 10/10/2025

**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 | 3.59 | 3.49 | 3.69 | 59190800 |
| | | 2 | 3.67 | 3.57 | 3.77 | 43146800 |
| | | 3 | 3.74 | 3.64 | 3.84 | 133548000 |
| | | 4 | 0.00 | | | 0 |
| | | 5 | 0.00 | | | 0 |
| Aroclor-1232 | 500 | 1 | 3.74 | 3.64 | 3.84 | 108948000 |
| | | 2 | 4.23 | 4.13 | 4.33 | 57502800 |
| | | 3 | 4.50 | 4.40 | 4.60 | 107099000 |
| | | 4 | 4.65 | 4.55 | 4.75 | 54014200 |
| | | 5 | 4.79 | 4.69 | 4.89 | 43713200 |
| Aroclor-1262 | 500 | 1 | 6.84 | 6.74 | 6.94 | 274018000 |
| | | 2 | 7.15 | 7.05 | 7.25 | 498476000 |
| | | 3 | 7.42 | 7.32 | 7.52 | 328660000 |
| | | 4 | 7.49 | 7.39 | 7.59 | 252340000 |
| | | 5 | 7.99 | 7.89 | 8.09 | 164350000 |

Raw Data

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## INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Instrument ID:** ECD_Q **Date(s) Analyzed:** 10/10/2025 10/10/2025

**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 | 2.98 | 2.88 | 3.08 | 73819200 |
| | | 2 | 3.05 | 2.95 | 3.15 | 60003200 |
| | | 3 | 3.12 | 3.02 | 3.22 | 171184000 |
| | | 4 | 0.00 | | | 0 |
| | | 5 | 0.00 | | | 0 |
| Aroclor-1232 | 500 | 1 | 3.12 | 3.02 | 3.22 | 139342000 |
| | | 2 | 3.79 | 3.69 | 3.89 | 138900000 |
| | | 3 | 3.95 | 3.85 | 4.05 | 73450200 |
| | | 4 | 4.04 | 3.94 | 4.14 | 63034400 |
| | | 5 | 4.20 | 4.10 | 4.30 | 71607200 |
| Aroclor-1262 | 500 | 1 | 5.73 | 5.63 | 5.83 | 452486000 |
| | | 2 | 5.98 | 5.88 | 6.08 | 427702000 |
| | | 3 | 6.50 | 6.40 | 6.60 | 332708000 |
| | | 4 | 6.56 | 6.46 | 6.66 | 616820000 |
| | | 5 | 7.05 | 6.95 | 7.15 | 302986000 |

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 08:57
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:54:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 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... | 3.401 | 2.778 | 404.9E6 | 479.1E6 | 95.307 | 94.825 |
| 2) | SA Decachlor... | 8.496 | 7.534 | 260.4E6 | 451.2E6 | 92.652 | 93.246 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.480 | 3.778 | 152.6E6 | 198.1E6 | 947.441 | 929.401 |
| 4) | L1 AR-1016-2 | 4.499 | 3.793 | 235.3E6 | 307.0E6 | 941.324 | 940.794 |
| 5) | L1 AR-1016-3 | 4.556 | 3.954 | 145.7E6 | 164.2E6 | 939.563 | 934.980 |
| 6) | L1 AR-1016-4 | 4.646 | 4.002 | 120.2E6 | 139.7E6 | 942.413 | 928.587 |
| 7) | L1 AR-1016-5 | 4.931 | 4.197 | 117.2E6 | 171.3E6 | 935.728 | 930.345 |
| 31) | L7 AR-1260-1 | 6.020 | 5.190 | 208.9E6 | 322.1E6 | 926.912 | 936.559 |
| 32) | L7 AR-1260-2 | 6.275 | 5.379 | 243.7E6 | 392.9E6 | 917.174 | 931.909 |
| 33) | L7 AR-1260-3 | 6.626 | 5.520 | 178.0E6 | 374.4E6 | 930.393 | 938.406 |
| 34) | L7 AR-1260-4 | 6.840 | 5.980 | 191.6E6 | 324.2E6 | 922.615 | 936.268 |
| 35) | L7 AR-1260-5 | 7.146 | 6.224 | 401.0E6 | 773.9E6 | 945.173 | 939.790 |

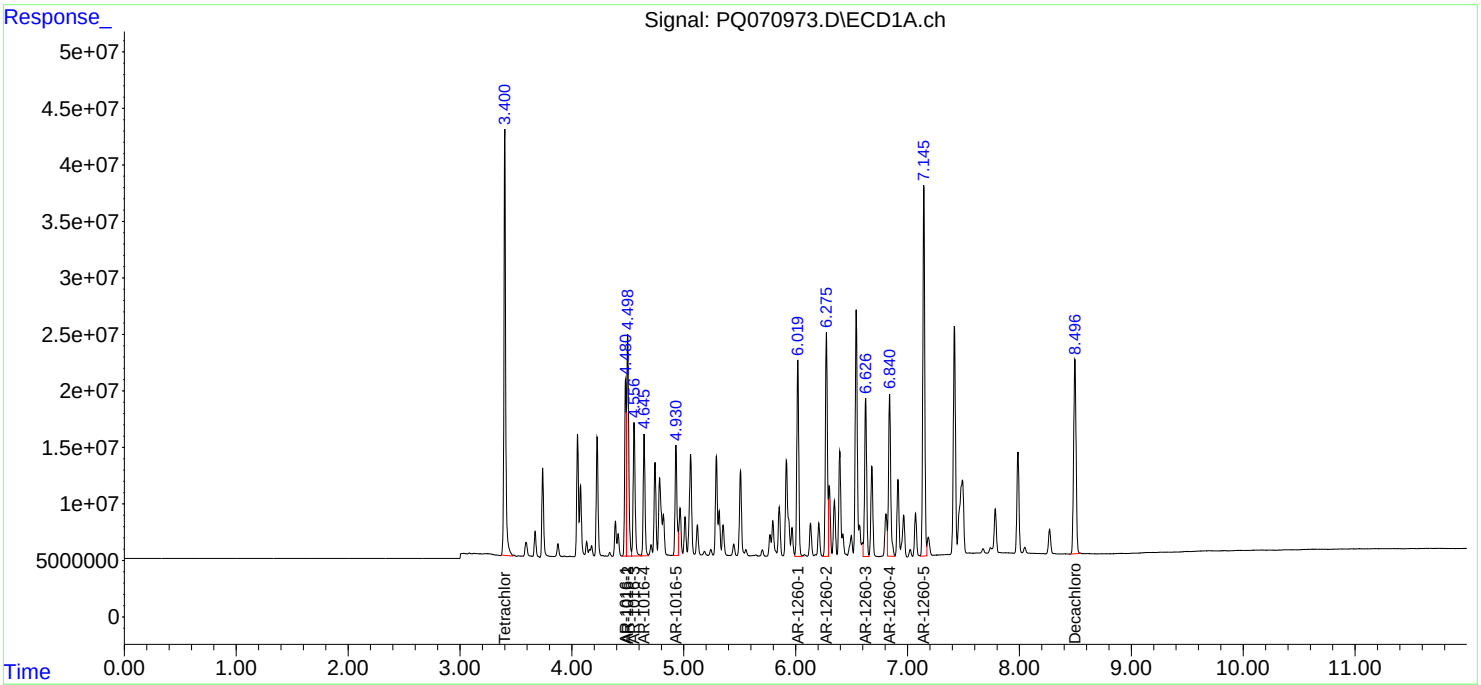
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

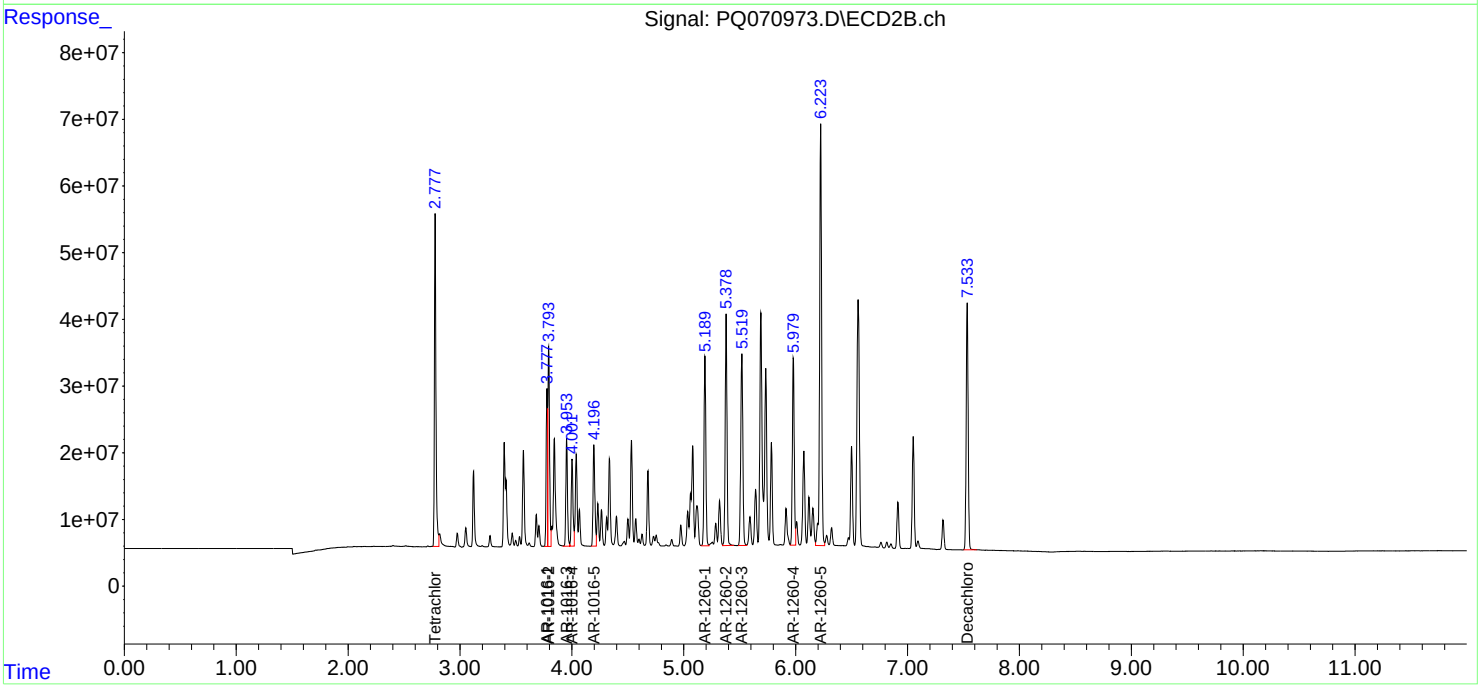
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 08:57
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

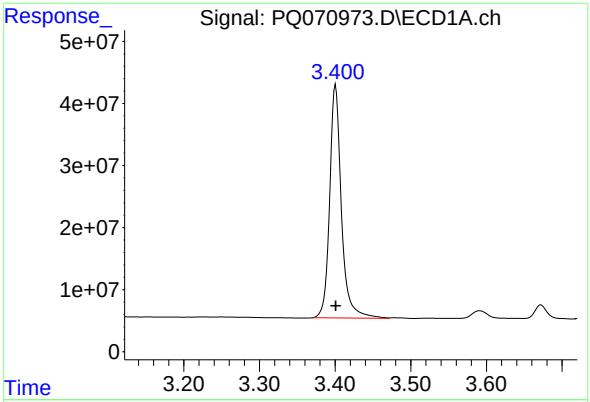
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:54:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 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



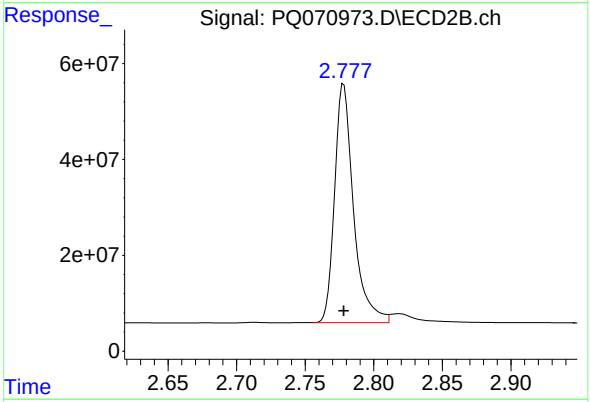






#1 Tetrachloro-m-xylene

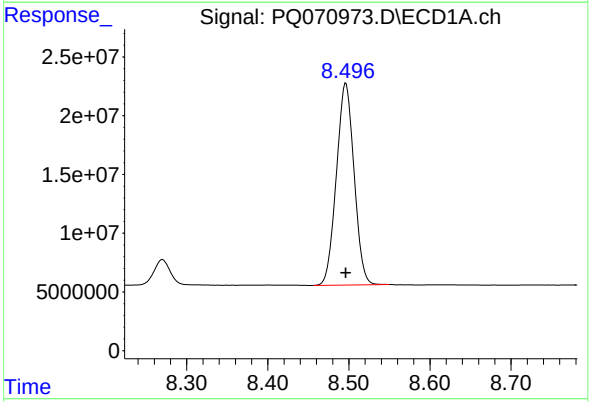
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 404899105
Conc: 95.31 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC1000



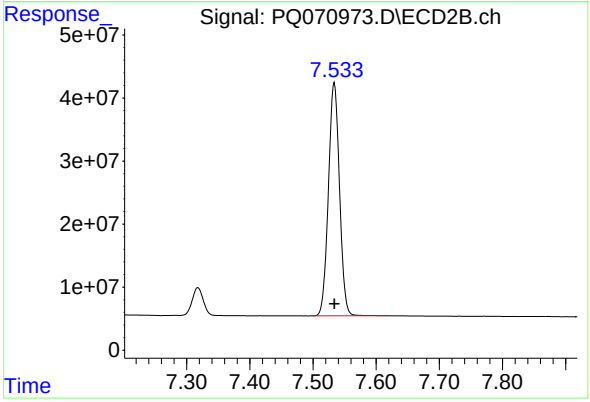

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 479082474
Conc: 94.83 ng/ml



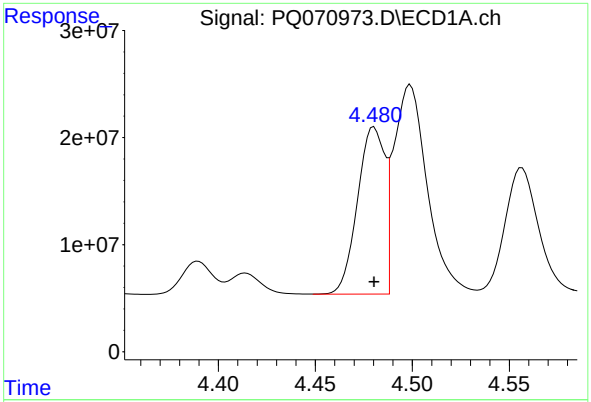

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 260399792
Conc: 92.65 ng/ml




#2 Decachlorobiphenyl

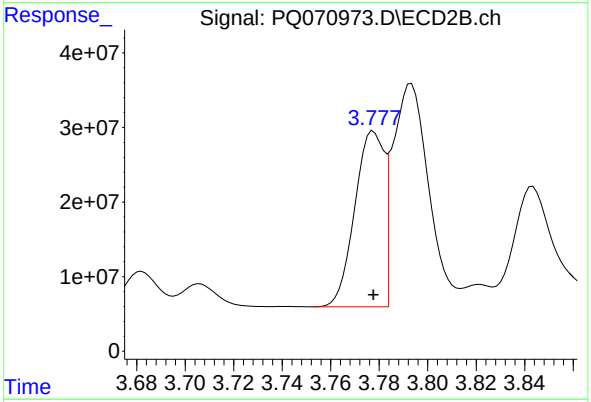
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 451185541
Conc: 93.25 ng/ml




#3 AR-1016-1

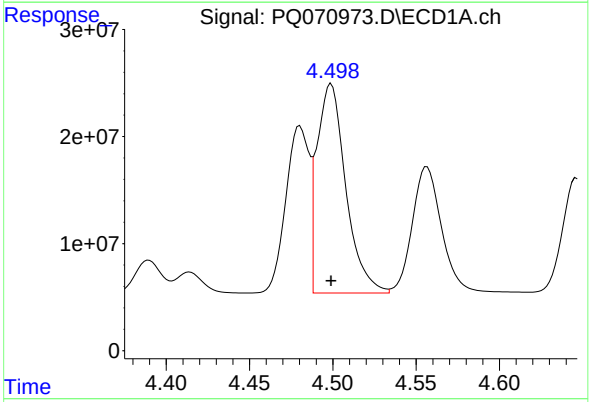
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 152632258
Conc: 947.44 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC1000



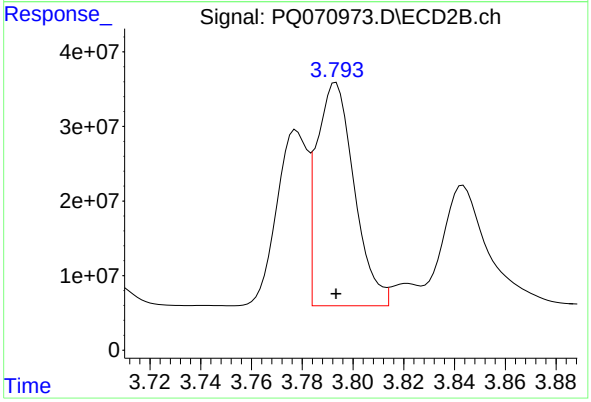

#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 198094739
Conc: 929.40 ng/ml



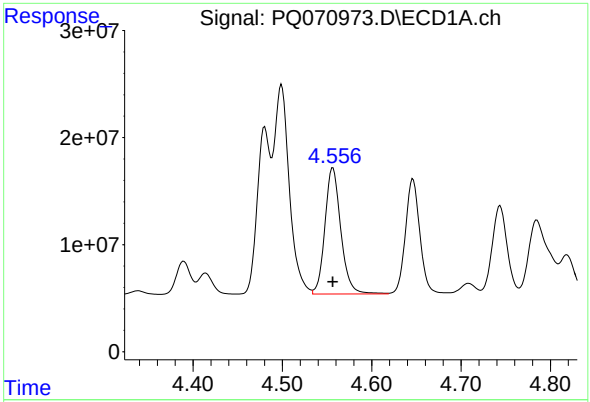

#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 235274296
Conc: 941.32 ng/ml




#4 AR-1016-2

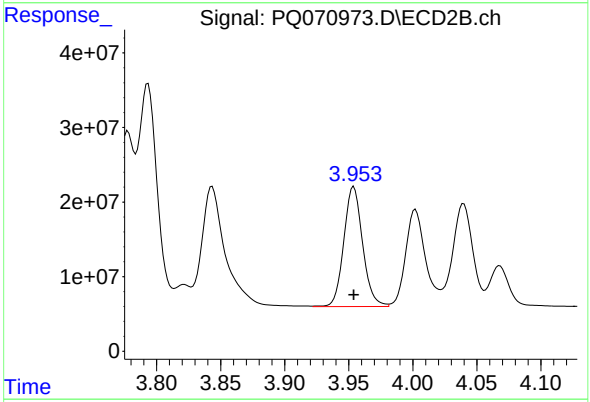
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 306974778
Conc: 940.79 ng/ml




#5 AR-1016-3

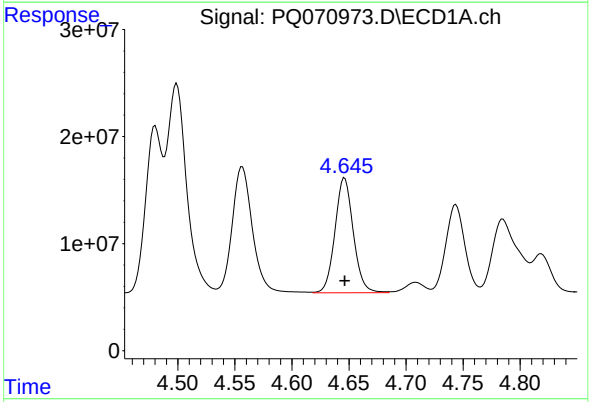
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 145675938
Conc: 939.56 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC1000



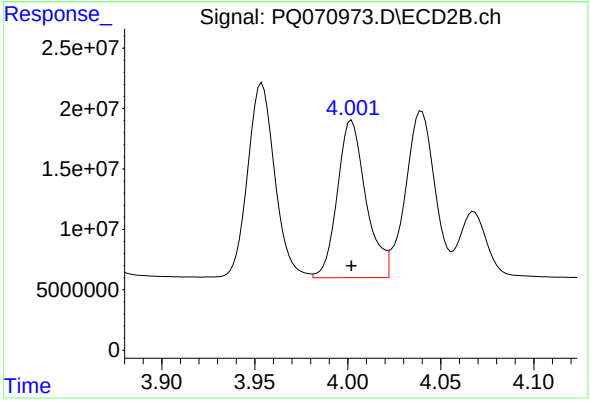

#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 164197912
Conc: 934.98 ng/ml



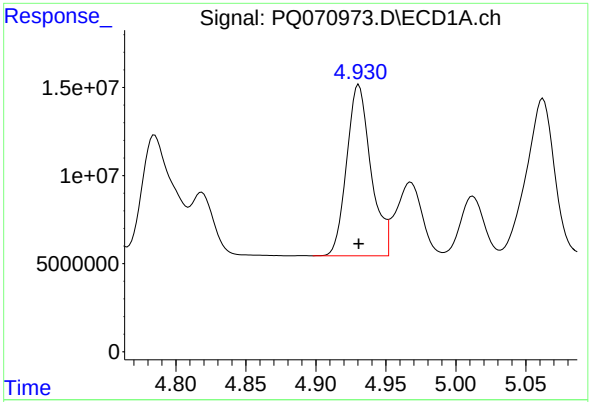

#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 120162951
Conc: 942.41 ng/ml




#6 AR-1016-4

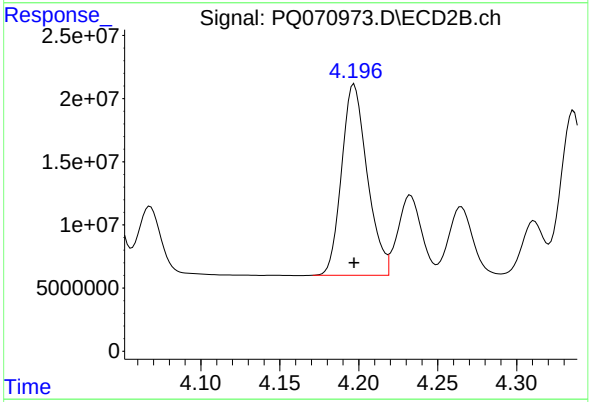
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 139678855
Conc: 928.59 ng/ml




#7 AR-1016-5

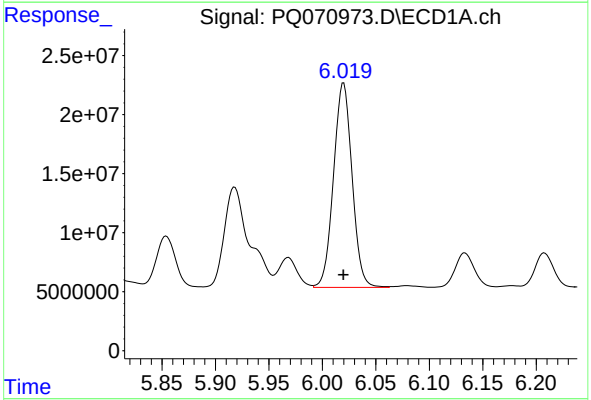
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 117231883
Conc: 935.73 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC1000



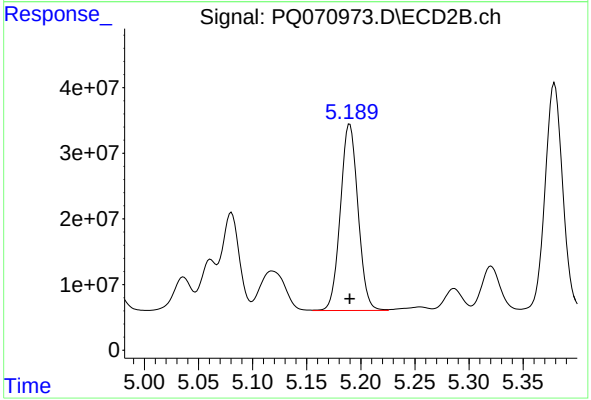

#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 171310856
Conc: 930.34 ng/ml



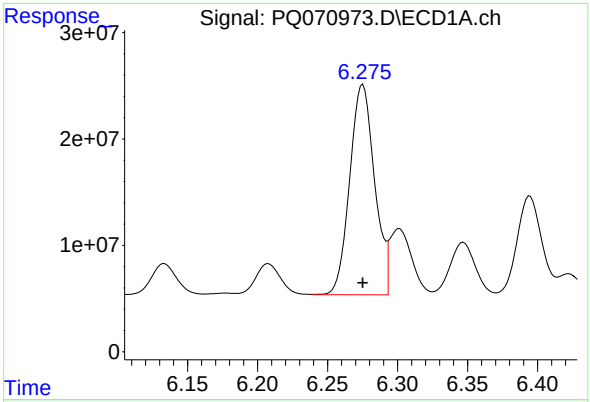

#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 208928914
Conc: 926.91 ng/ml




#31 AR-1260-1

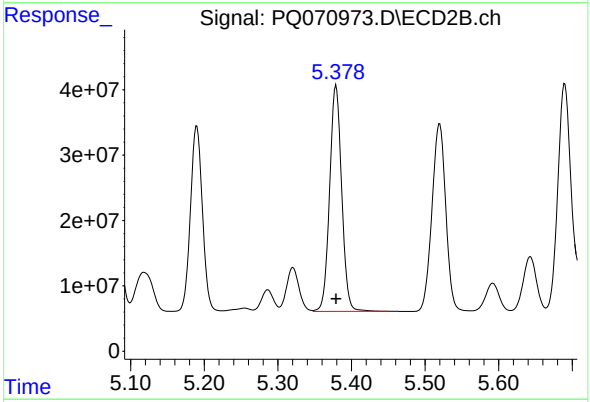
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 322104344
Conc: 936.56 ng/ml




#32 AR-1260-2

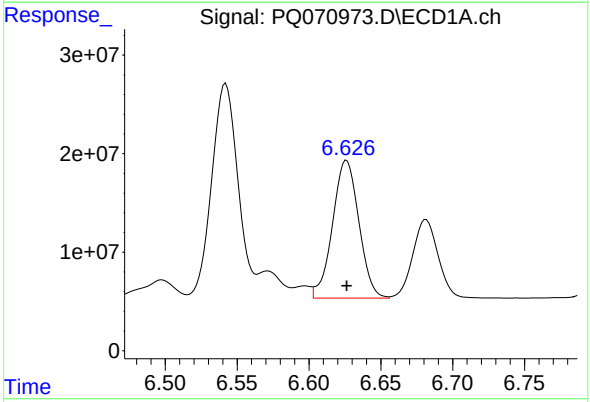
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 243695794
Conc: 917.17 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC1000



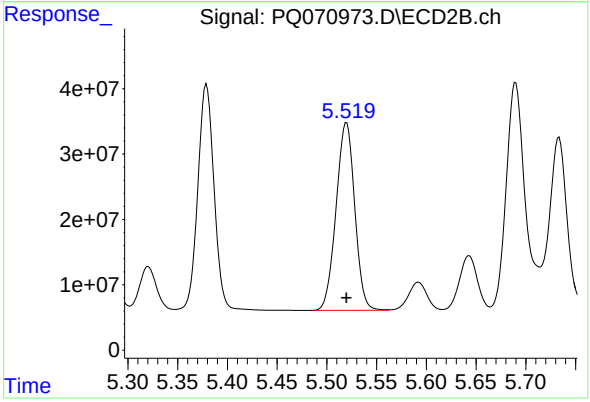

#32 AR-1260-2

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 392921251
Conc: 931.91 ng/ml



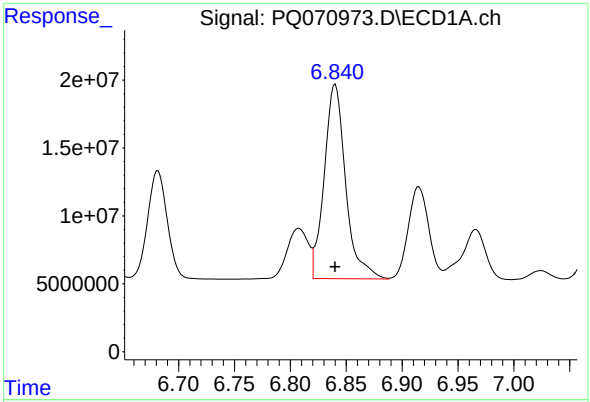

#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 178017013
Conc: 930.39 ng/ml




#33 AR-1260-3

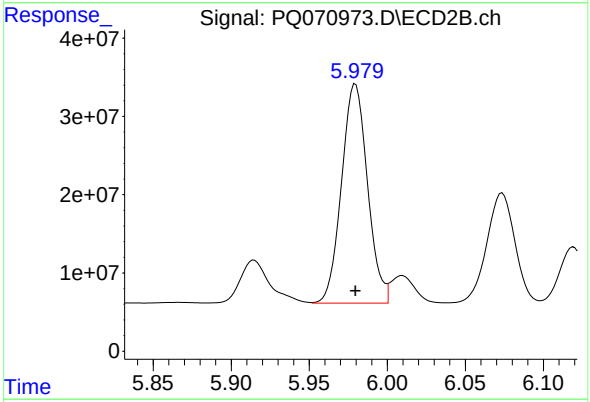
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 374441100
Conc: 938.41 ng/ml




#34 AR-1260-4

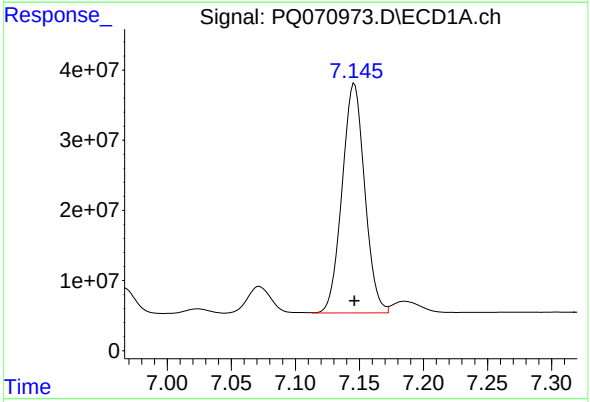
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 191556315
Conc: 922.62 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC1000



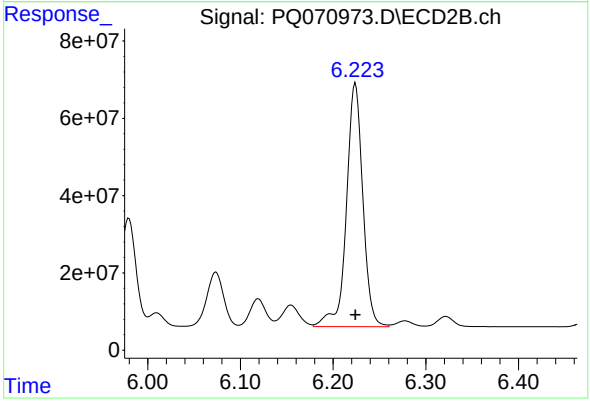

#34 AR-1260-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 324169048
Conc: 936.27 ng/ml




#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 400986941
Conc: 945.17 ng/ml




#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 773923407
Conc: 939.79 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:11
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:57:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 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... | 3.400 | 2.778 | 331.5E6 | 388.7E6 | 76.997 | 76.286 |
| 2) | SA Decachlor... | 8.496 | 7.534 | 216.6E6 | 372.0E6 | 76.373 | 76.242 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.480 | 3.778 | 121.0E6 | 162.9E6 | 750.874 | 759.502 |
| 4) | L1 AR-1016-2 | 4.499 | 3.794 | 192.6E6 | 252.7E6 | 763.674 | 766.122 |
| 5) | L1 AR-1016-3 | 4.556 | 3.954 | 117.6E6 | 135.4E6 | 755.578 | 763.875 |
| 6) | L1 AR-1016-4 | 4.646 | 4.002 | 97033800 | 115.6E6 | 757.308 | 762.093 |
| 7) | L1 AR-1016-5 | 4.930 | 4.197 | 96409305 | 141.0E6 | 762.905 | 760.395 |
| 31) | L7 AR-1260-1 | 6.020 | 5.189 | 175.6E6 | 264.6E6 | 769.253 | 762.765 |
| 32) | L7 AR-1260-2 | 6.276 | 5.378 | 206.4E6 | 324.1E6 | 767.783 | 762.288 |
| 33) | L7 AR-1260-3 | 6.627 | 5.519 | 147.3E6 | 307.5E6 | 763.182 | 763.633 |
| 34) | L7 AR-1260-4 | 6.840 | 5.980 | 160.7E6 | 267.1E6 | 765.822 | 764.087 |
| 35) | L7 AR-1260-5 | 7.146 | 6.224 | 327.7E6 | 616.9E6 | 764.763 | 749.377 |

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

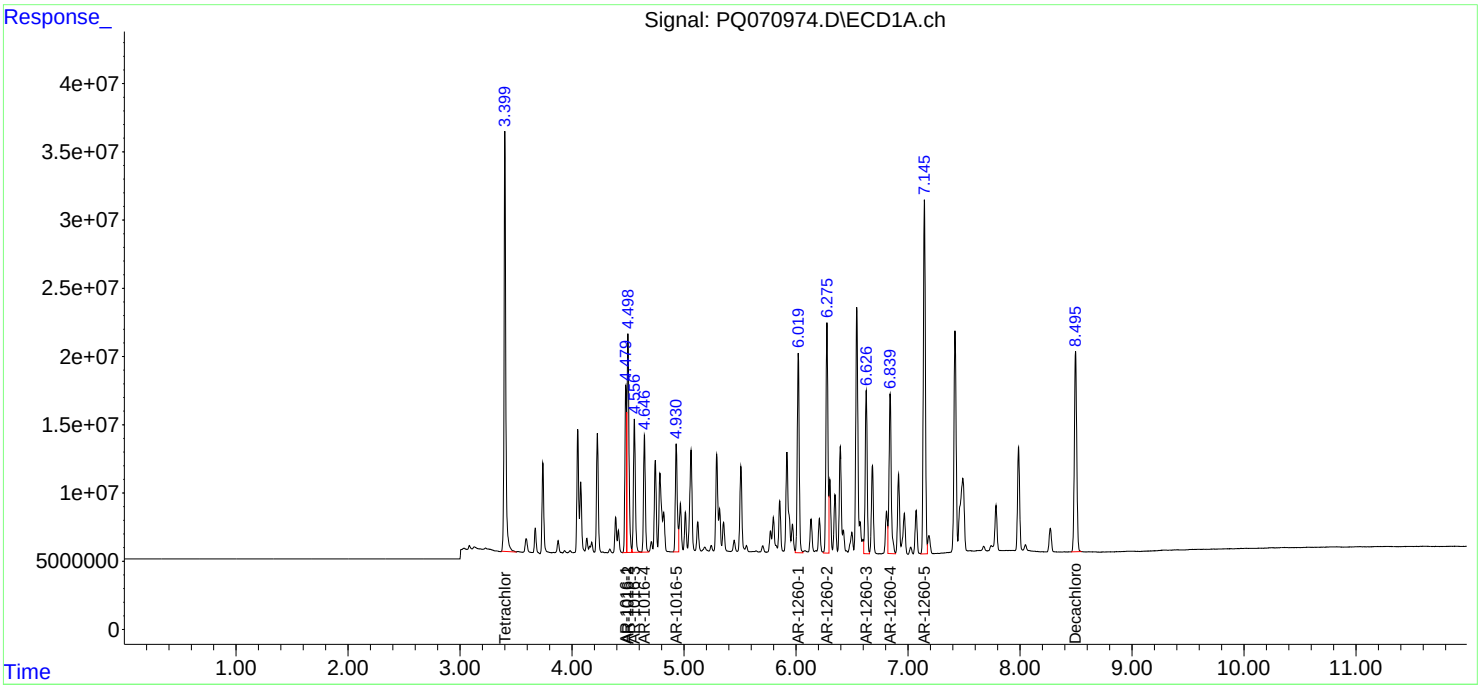
ICAL Form

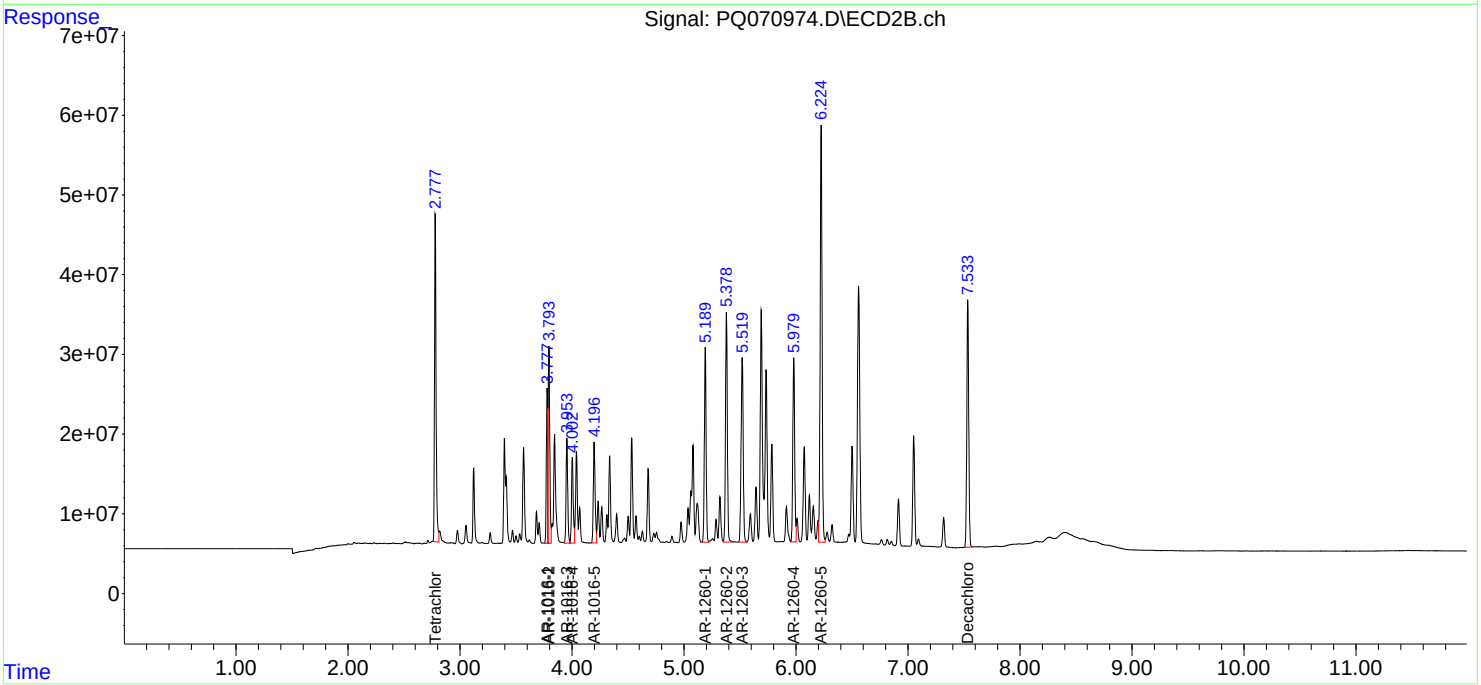
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:11
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

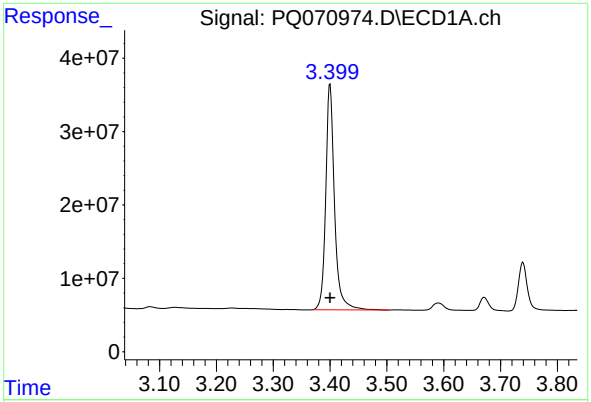
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:57:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 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



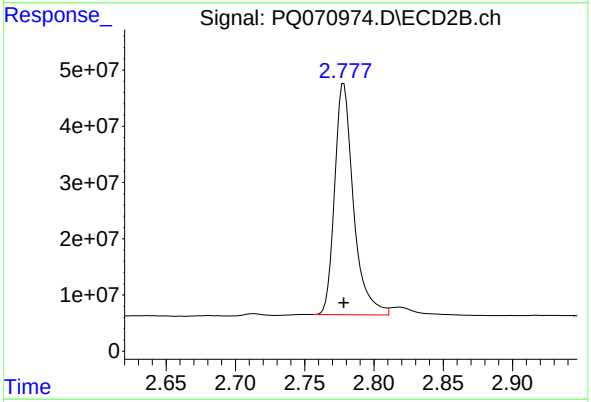






#1 Tetrachloro-m-xylene

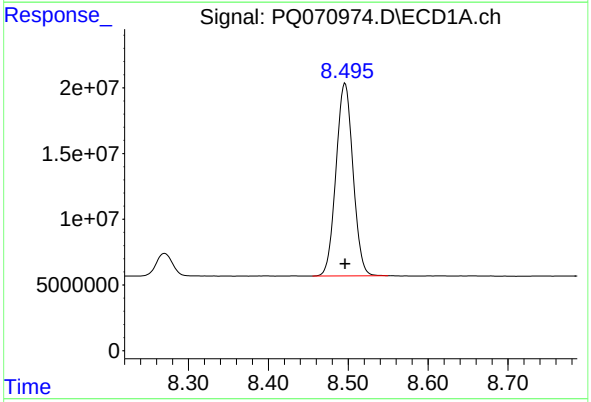
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 331524382
Conc: 77.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC750



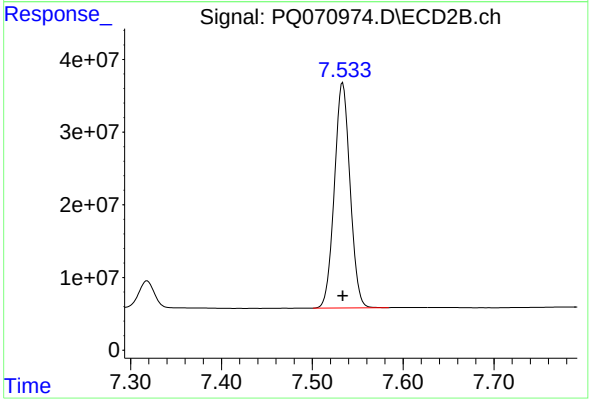

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 388746385
Conc: 76.29 ng/ml



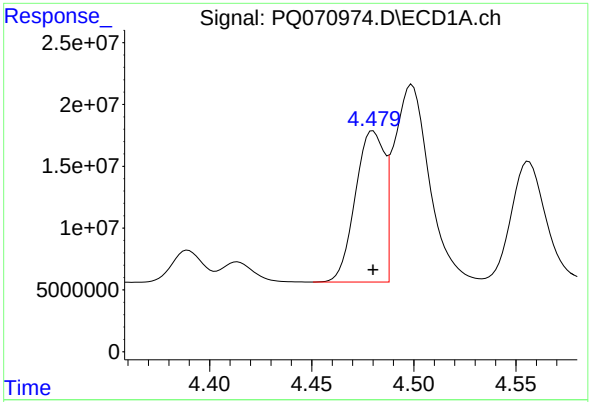

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 216632305
Conc: 76.37 ng/ml




#2 Decachlorobiphenyl

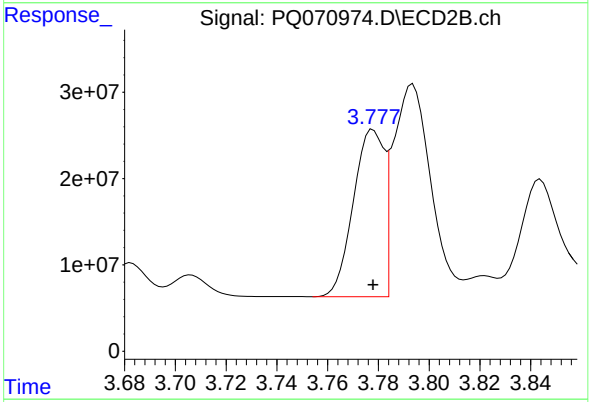
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 371991146
Conc: 76.24 ng/ml




#3 AR-1016-1

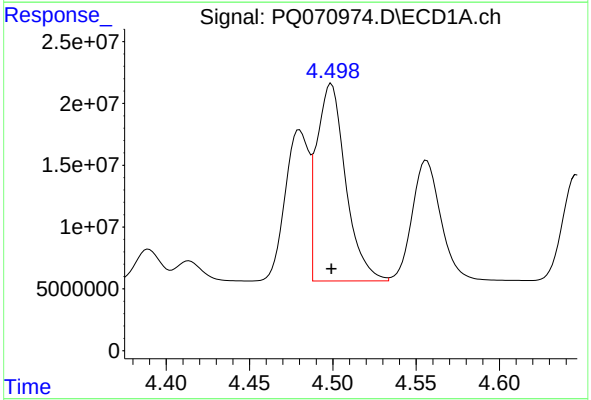
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 121036095
Conc: 750.87 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC750



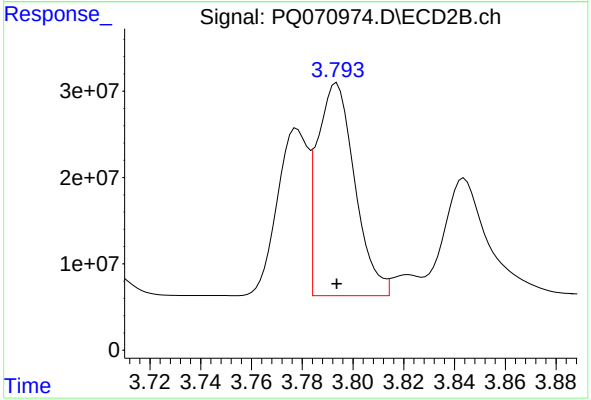

#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 162913864
Conc: 759.50 ng/ml



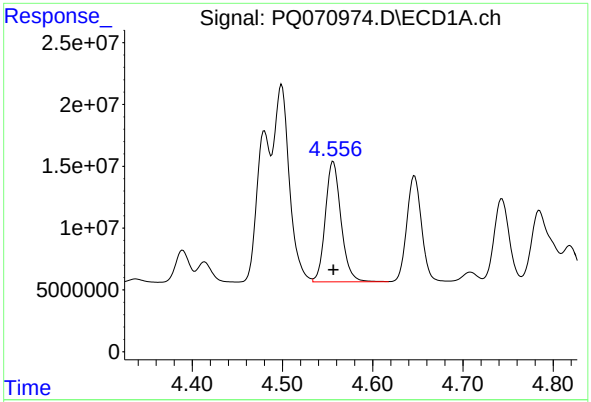

#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 192628730
Conc: 763.67 ng/ml




#4 AR-1016-2

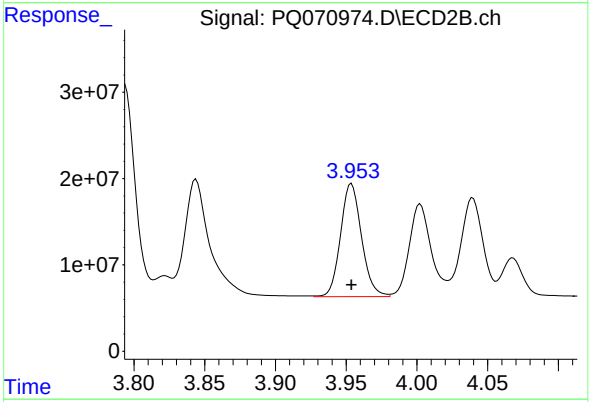
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 252696401
Conc: 766.12 ng/ml




#5 AR-1016-3

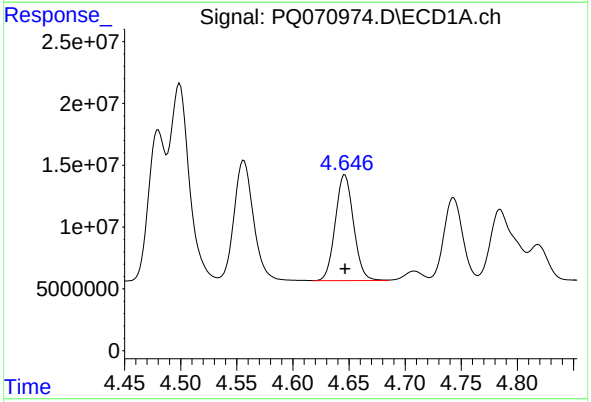
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 117587028
Conc: 755.58 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC750



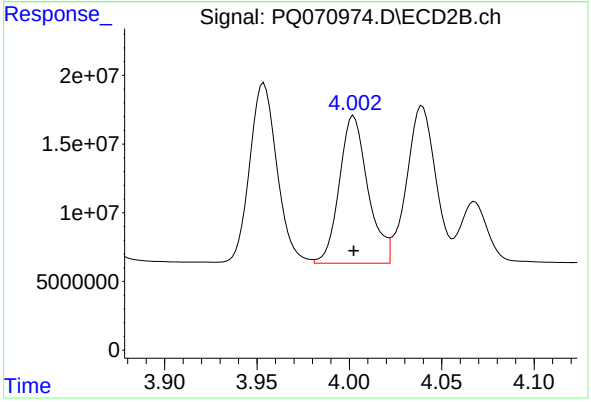

#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 135401603
Conc: 763.88 ng/ml



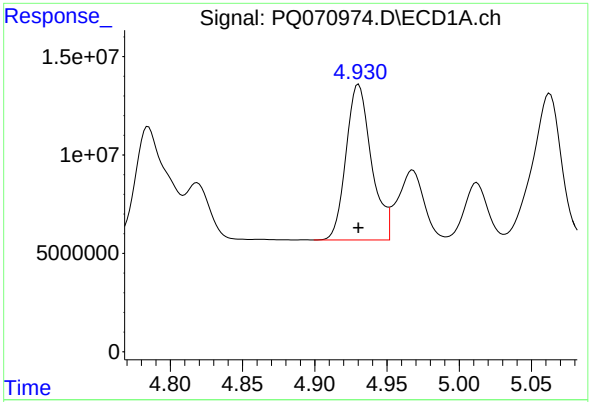

#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 97033800
Conc: 757.31 ng/ml




#6 AR-1016-4

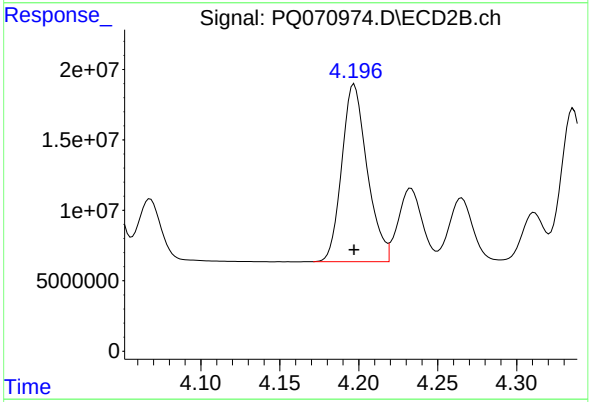
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 115566331
Conc: 762.09 ng/ml




#7 AR-1016-5

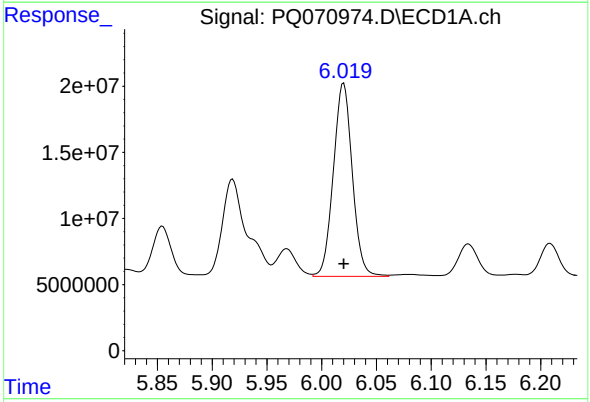
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 96409305
Conc: 762.90 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC750



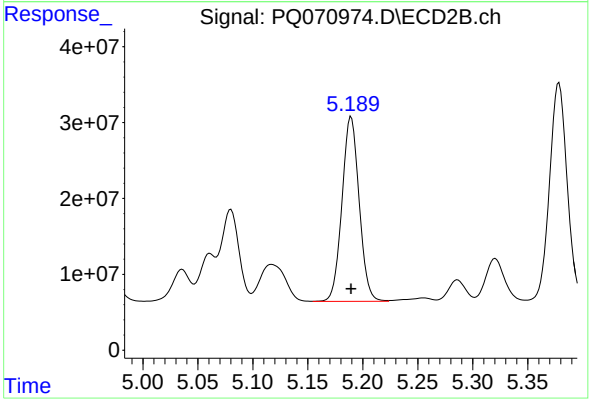

#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 140993849
Conc: 760.39 ng/ml



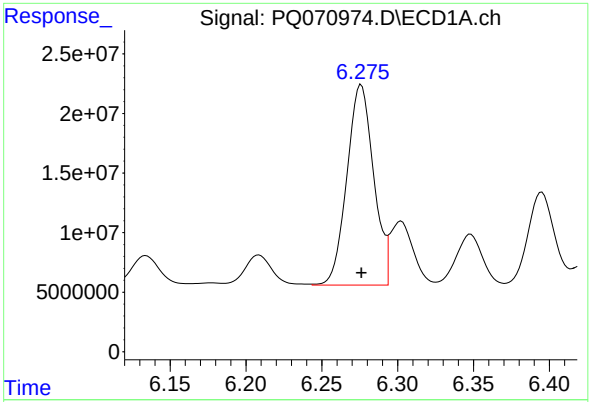

#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 175646524
Conc: 769.25 ng/ml




#31 AR-1260-1

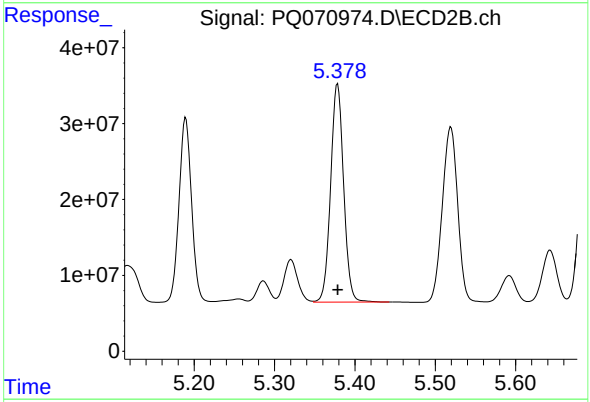
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 264584355
Conc: 762.77 ng/ml




#32 AR-1260-2

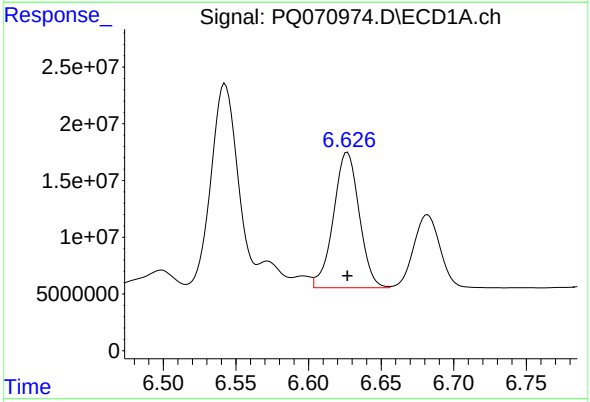
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 206449688
Conc: 767.78 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC750



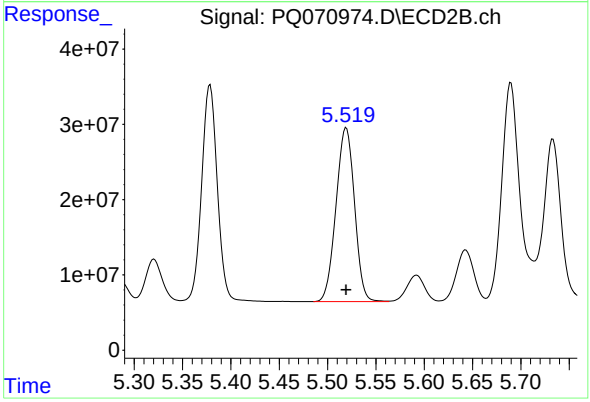

#32 AR-1260-2

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 324058699
Conc: 762.29 ng/ml



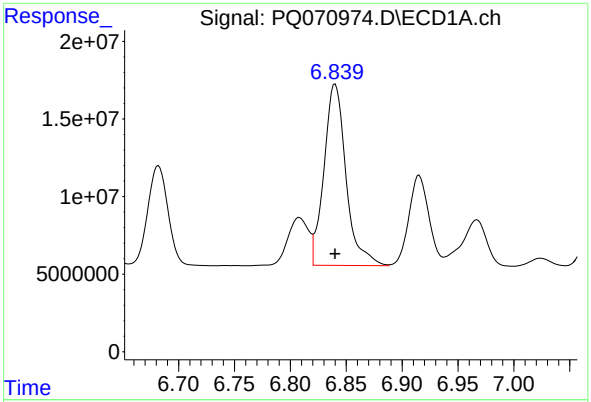

#33 AR-1260-3

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 147318344
Conc: 763.18 ng/ml




#33 AR-1260-3

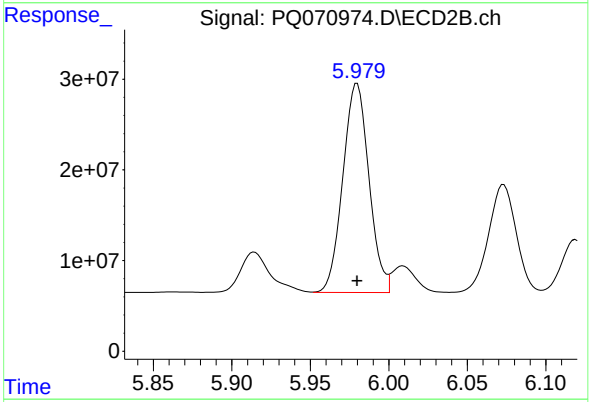
R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 307498276
Conc: 763.63 ng/ml




#34 AR-1260-4

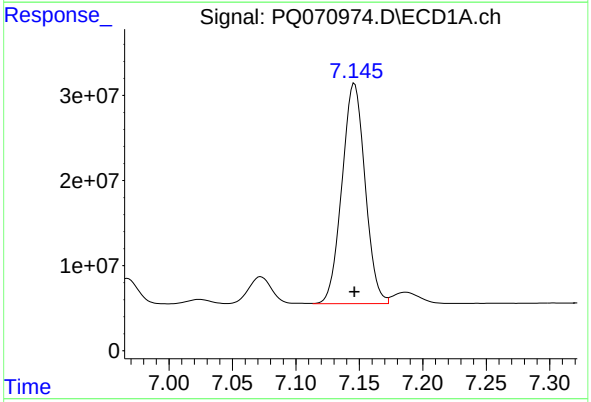
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 160697330
Conc: 765.82 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC750



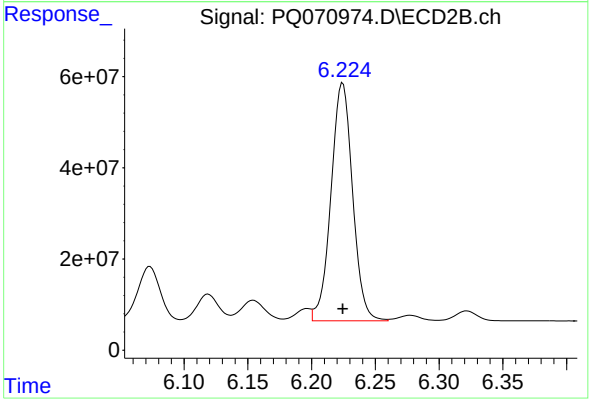

#34 AR-1260-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 267062083
Conc: 764.09 ng/ml




#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 327673748
Conc: 764.76 ng/ml




#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 616861043
Conc: 749.38 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:26
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:49:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 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... | 3.400 | 2.778 | 222.4E6 | 265.7E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.496 | 7.533 | 150.9E6 | 258.3E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.480 | 3.778 | 84783442 | 114.1E6 | 500.000 | 500.000 |
| 4) | L1 AR-1016-2 | 4.499 | 3.793 | 132.3E6 | 172.8E6 | 500.000 | 500.000 |
| 5) | L1 AR-1016-3 | 4.556 | 3.953 | 82208498 | 93517571 | 500.000 | 500.000 |
| 6) | L1 AR-1016-4 | 4.646 | 4.002 | 67424126 | 80581398 | 500.000 | 500.000 |
| 7) | L1 AR-1016-5 | 4.931 | 4.197 | 66668174 | 98481559 | 500.000 | 500.000 |
| 31) | L7 AR-1260-1 | 6.019 | 5.189 | 120.9E6 | 182.9E6 | 500.000 | 500.000 |
| 32) | L7 AR-1260-2 | 6.275 | 5.378 | 143.9E6 | 225.2E6 | 500.000 | 500.000 |
| 33) | L7 AR-1260-3 | 6.626 | 5.519 | 102.3E6 | 211.8E6 | 500.000 | 500.000 |
| 34) | L7 AR-1260-4 | 6.840 | 5.979 | 111.8E6 | 184.2E6 | 500.000 | 500.000 |
| 35) | L7 AR-1260-5 | 7.145 | 6.224 | 223.8E6 | 436.5E6 | 500.000 | 500.000 |

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

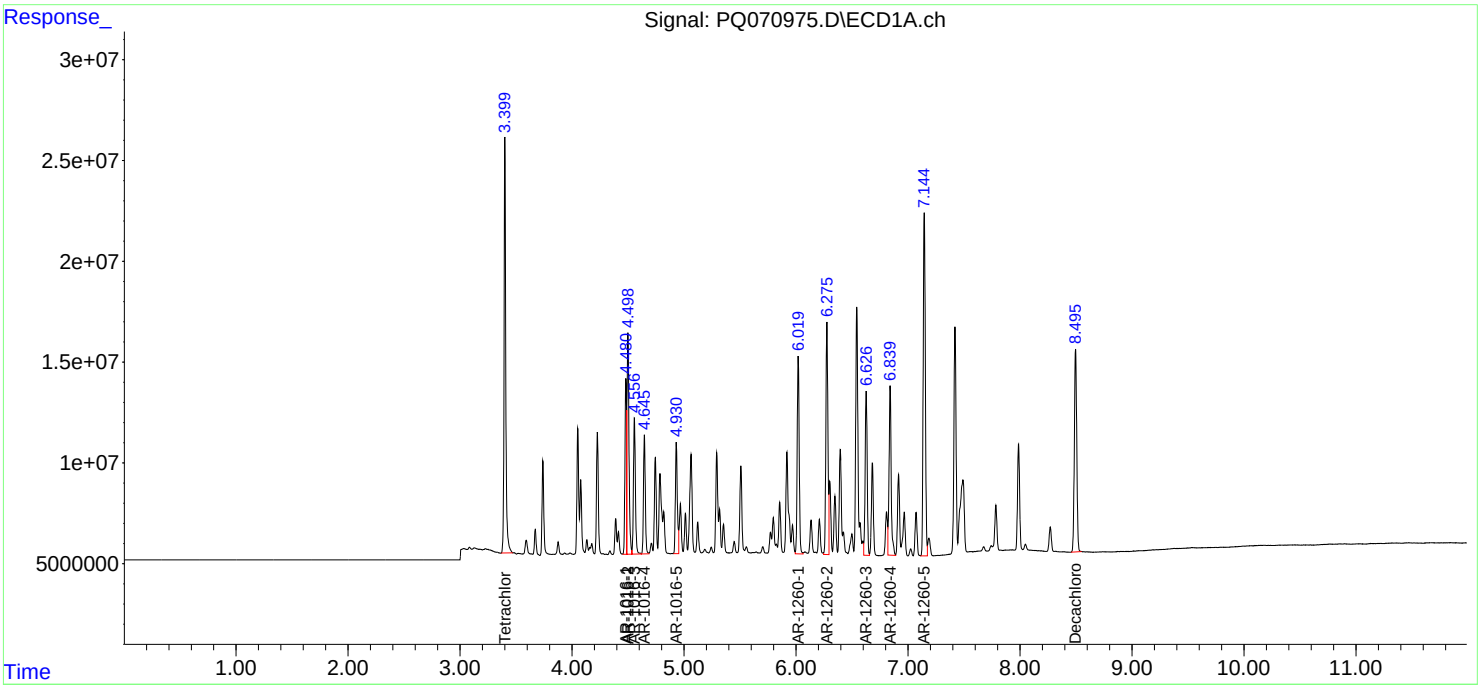
ICAL Form

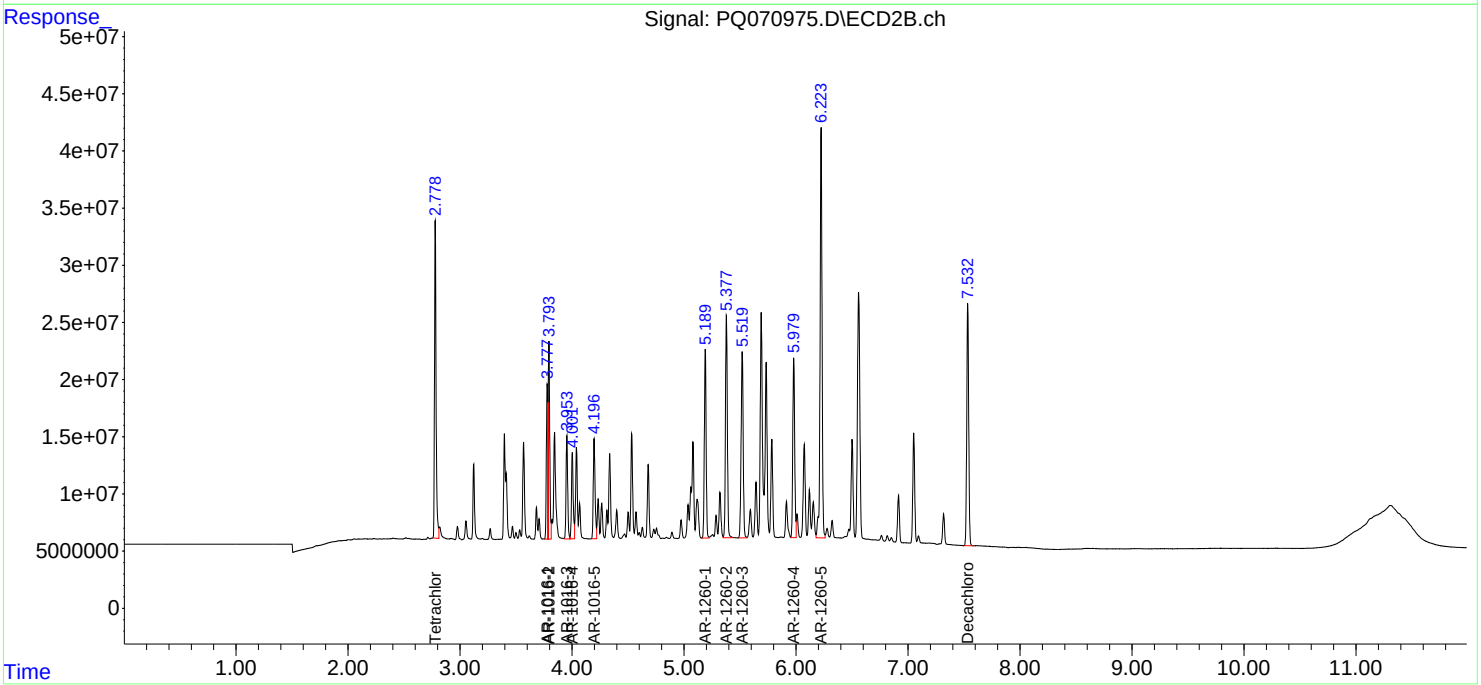
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:26
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

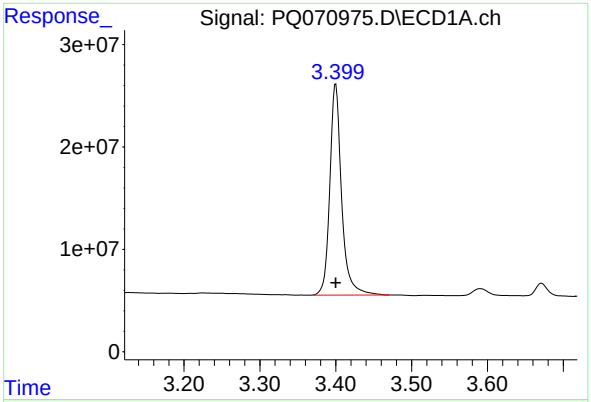
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:49:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 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



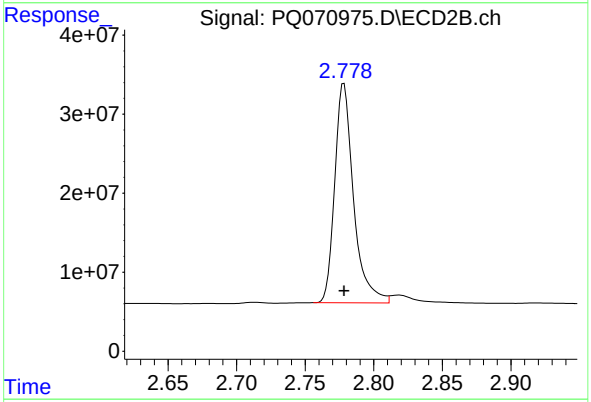






#1 Tetrachloro-m-xylene

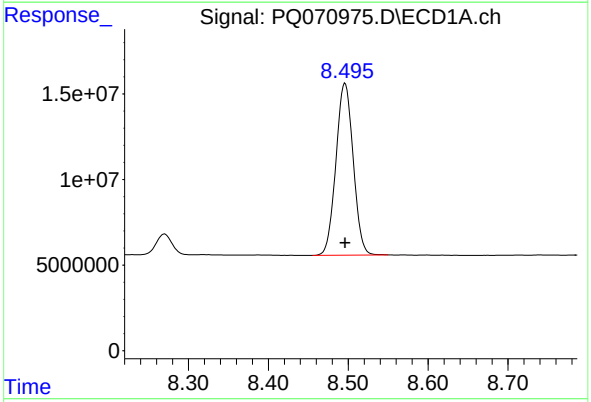
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 222389121
Conc: 50.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC500



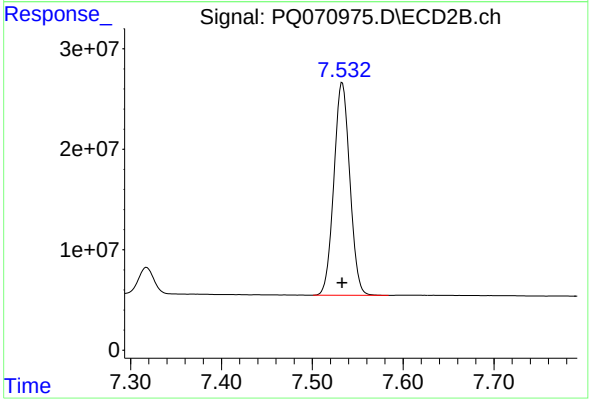

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 265685397
Conc: 50.00 ng/ml



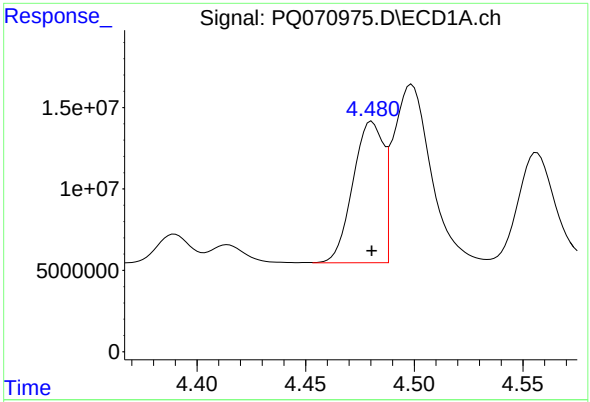

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 150851883
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

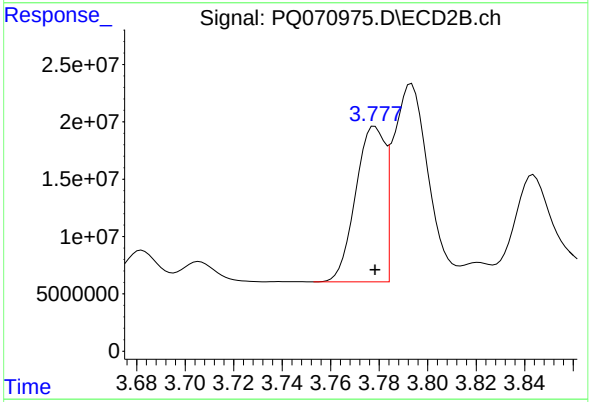
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 258271490
Conc: 50.00 ng/ml




#3 AR-1016-1

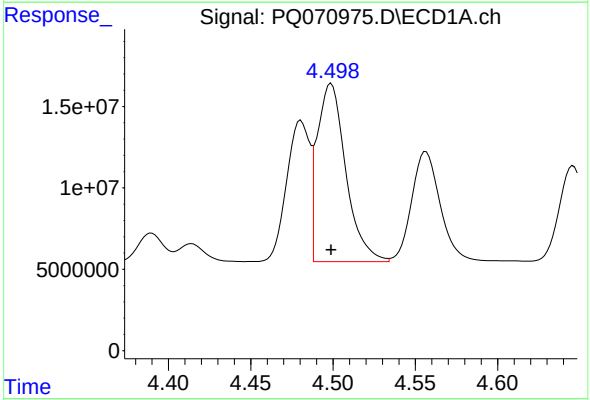
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 84783442
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC500



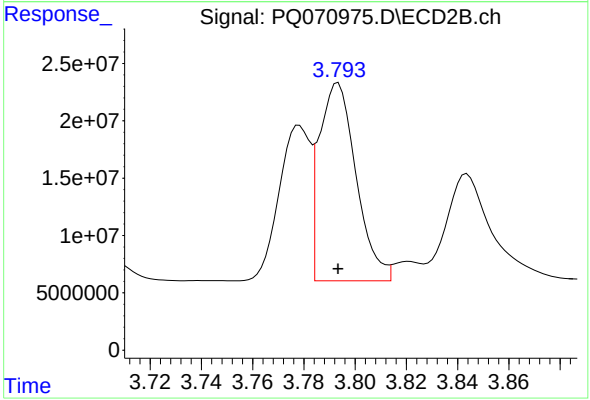

#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 114094944
Conc: 500.00 ng/ml



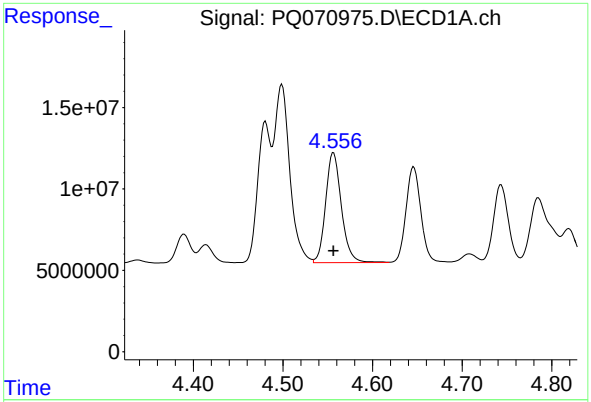

#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 132302716
Conc: 500.00 ng/ml




#4 AR-1016-2

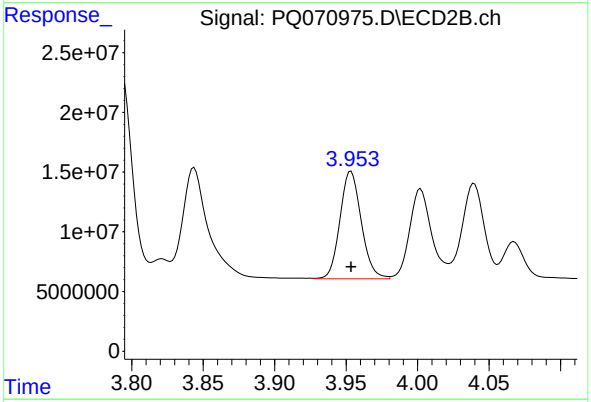
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 172805809
Conc: 500.00 ng/ml




#5 AR-1016-3

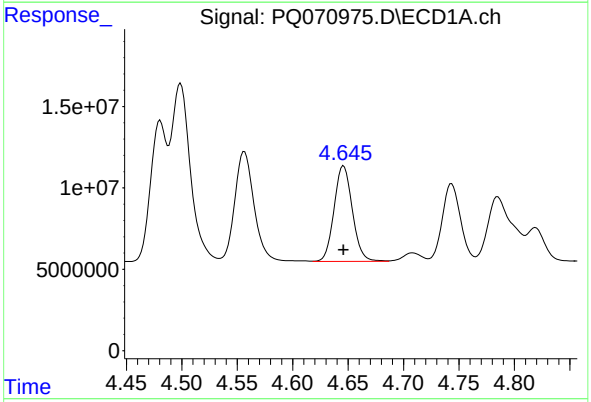
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 82208498
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC500



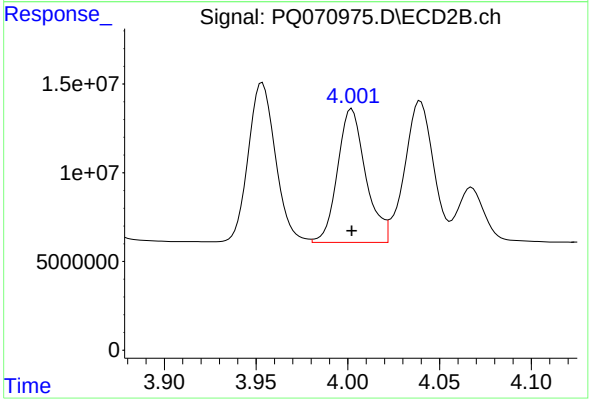

#5 AR-1016-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 93517571
Conc: 500.00 ng/ml



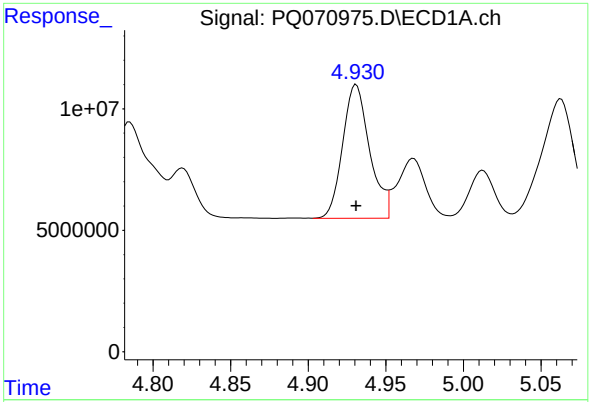

#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 67424126
Conc: 500.00 ng/ml




#6 AR-1016-4

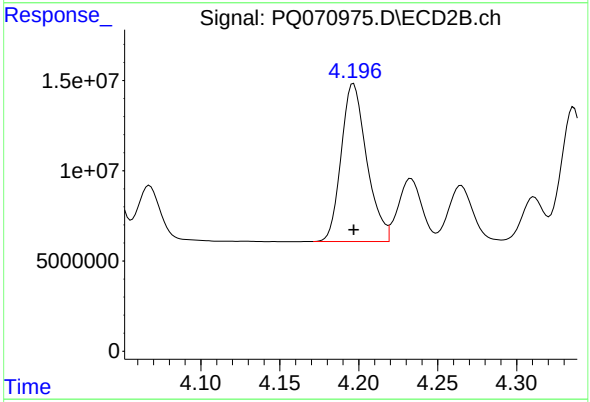
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 80581398
Conc: 500.00 ng/ml




#7 AR-1016-5

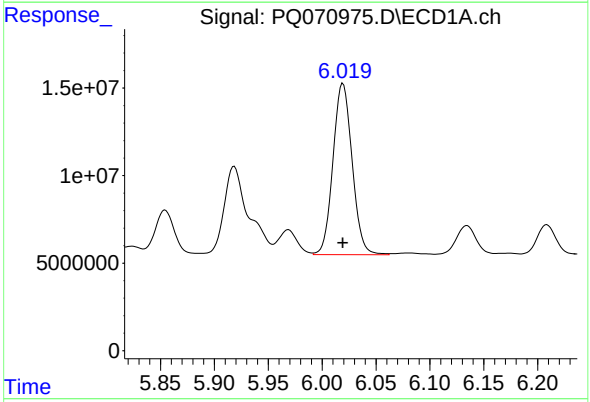
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 66668174
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC500



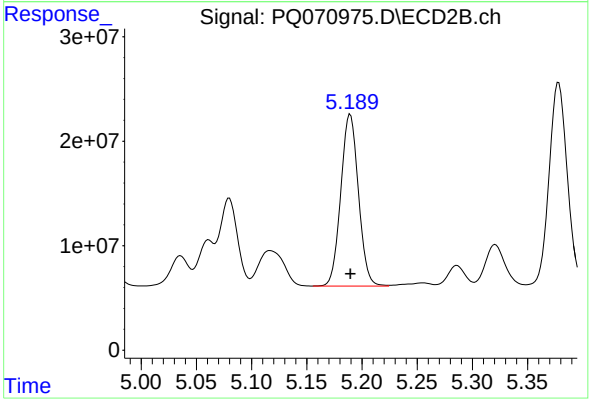

#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 98481559
Conc: 500.00 ng/ml



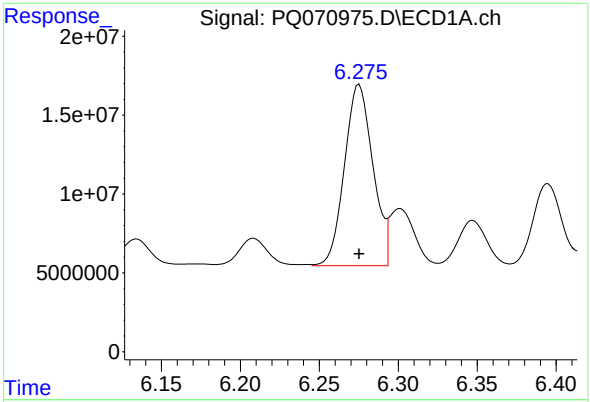

#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 120938759
Conc: 500.00 ng/ml




#31 AR-1260-1

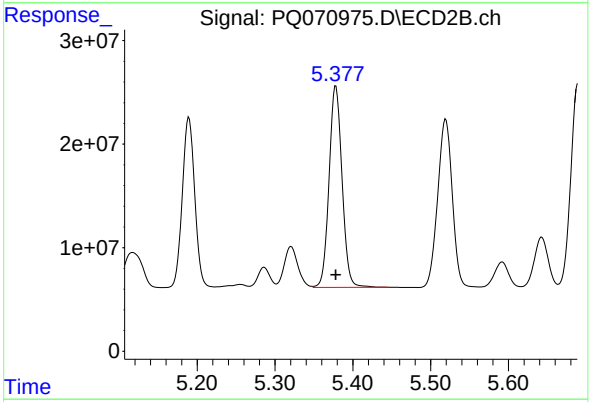
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 182871121
Conc: 500.00 ng/ml




#32 AR-1260-2

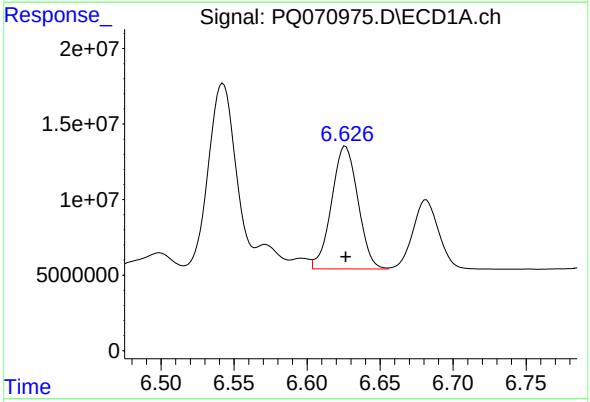
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 143855136
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC500



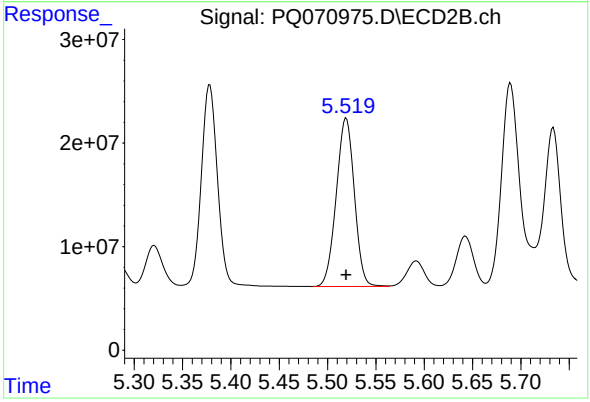

#32 AR-1260-2

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 225169968
Conc: 500.00 ng/ml



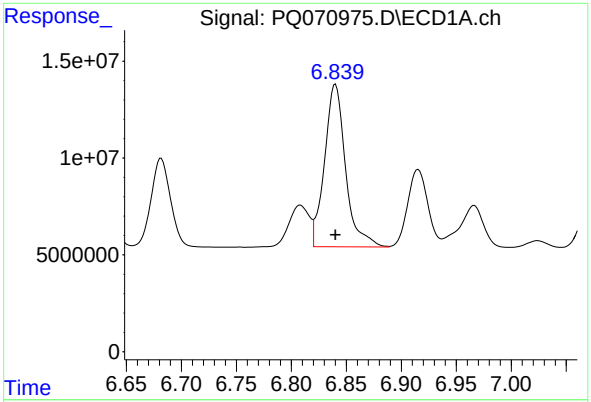

#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 102326803
Conc: 500.00 ng/ml




#33 AR-1260-3

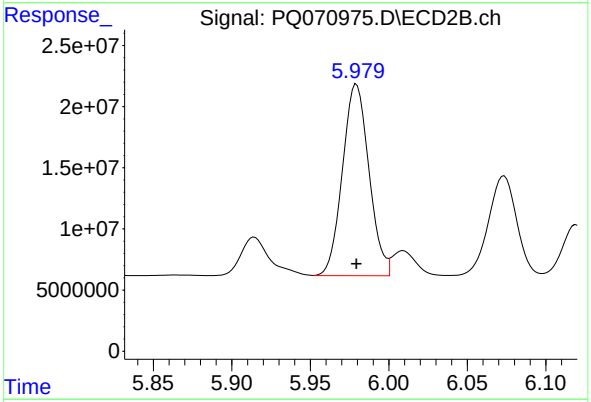
R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 211797535
Conc: 500.00 ng/ml




#34 AR-1260-4

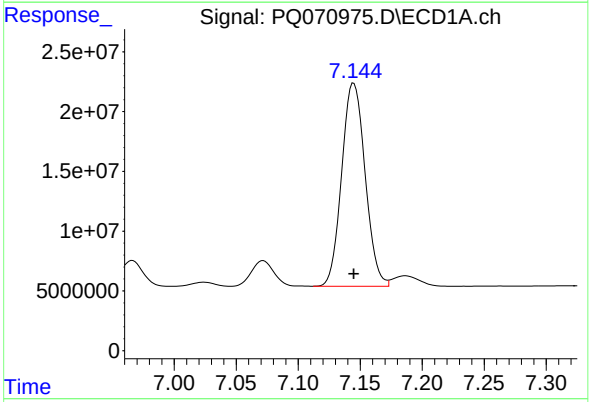
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 111845082
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC500



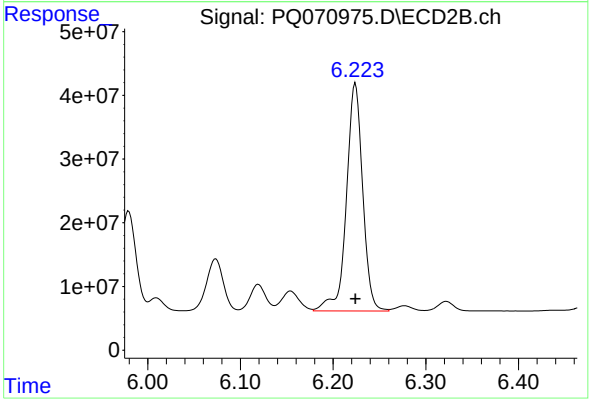

#34 AR-1260-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 184150913
Conc: 500.00 ng/ml




#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 223753809
Conc: 500.00 ng/ml




#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 436544757
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:40
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:01:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 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... | 3.400 | 2.778 | 112.4E6 | 132.6E6 | 25.824 | 25.753 |
| 2) | SA Decachlor... | 8.495 | 7.534 | 77430043 | 134.0E6 | 26.685 | 26.803 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.480 | 3.778 | 43873025 | 59445752 | 266.271 | 269.814 |
| 4) | L1 AR-1016-2 | 4.499 | 3.794 | 67879501 | 89768912 | 264.062 | 266.260 |
| 5) | L1 AR-1016-3 | 4.557 | 3.954 | 42399194 | 48815753 | 266.464 | 268.576 |
| 6) | L1 AR-1016-4 | 4.646 | 4.003 | 34575940 | 42722621 | 264.598 | 273.066 |
| 7) | L1 AR-1016-5 | 4.931 | 4.197 | 34076692 | 51408265 | 264.457 | 269.895 |
| 31) | L7 AR-1260-1 | 6.019 | 5.190 | 61964969 | 95539541 | 265.698 | 268.599 |
| 32) | L7 AR-1260-2 | 6.275 | 5.379 | 74180101 | 116.7E6 | 268.916 | 267.943 |
| 33) | L7 AR-1260-3 | 6.626 | 5.520 | 52397657 | 109.0E6 | 265.747 | 265.224 |
| 34) | L7 AR-1260-4 | 6.840 | 5.980 | 57203584 | 95029278 | 266.583 | 266.063 |
| 35) | L7 AR-1260-5 | 7.146 | 6.224 | 113.0E6 | 220.2E6 | 260.134 | 262.889 |

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

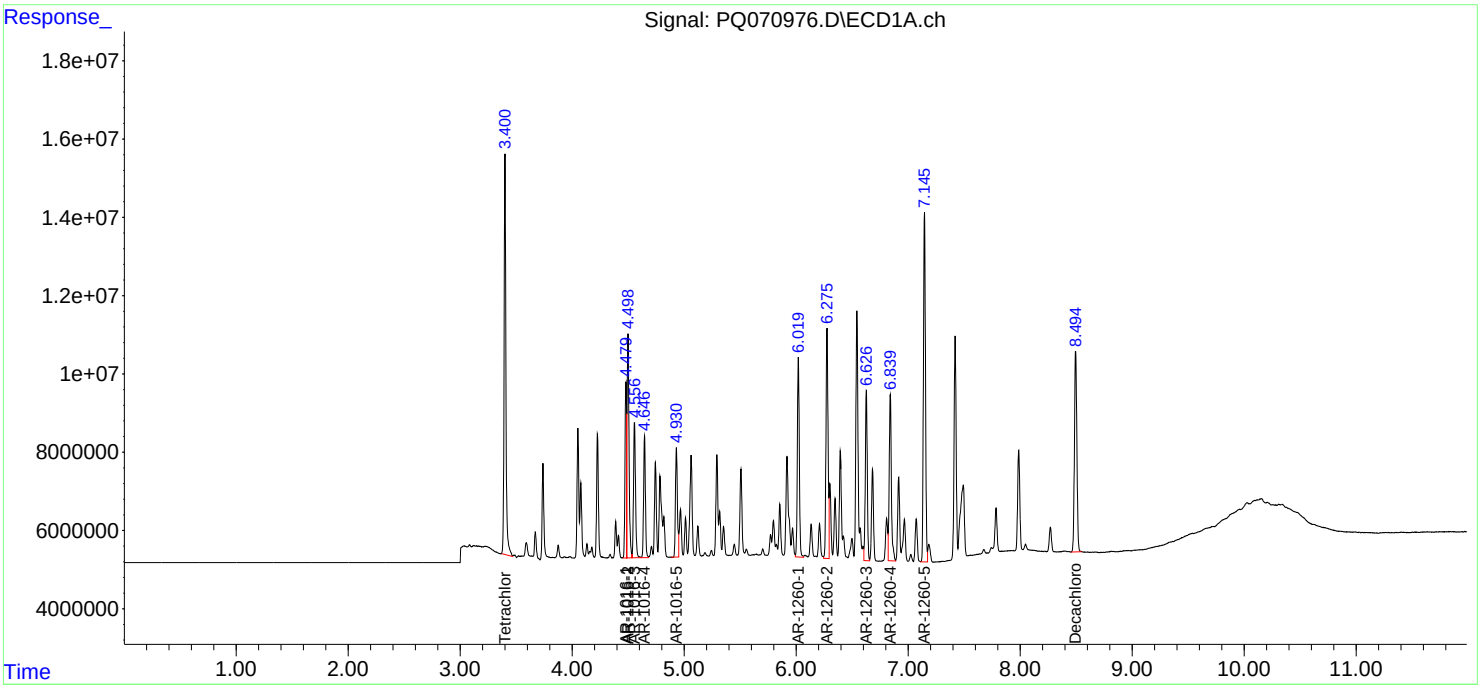
ICAL Form

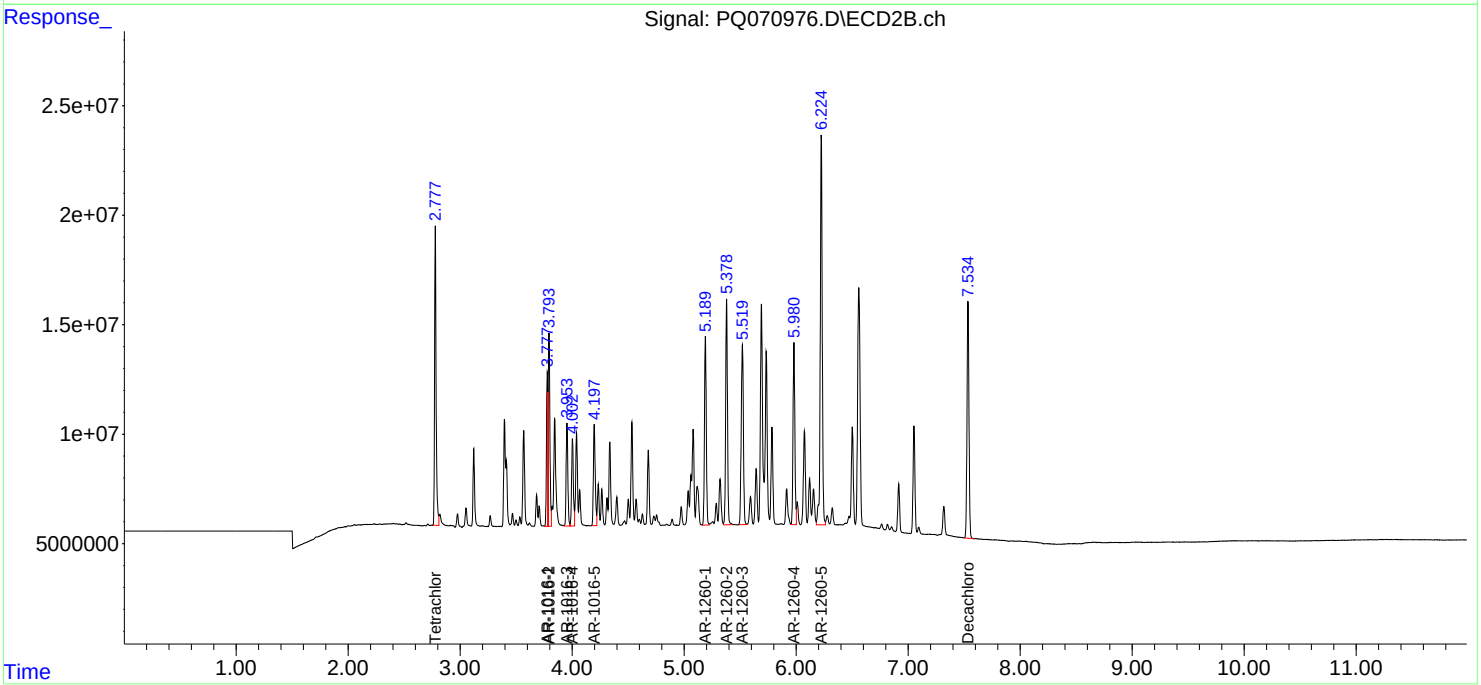
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:40
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

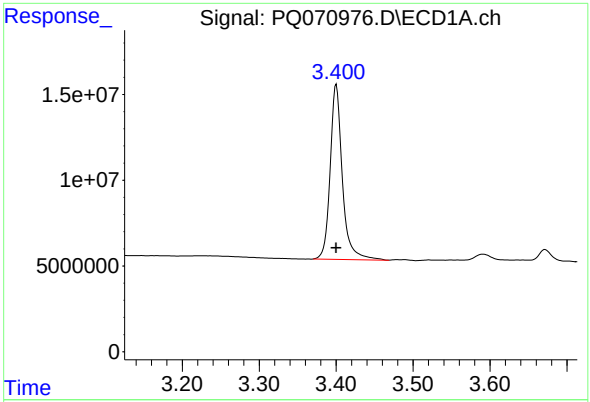
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:01:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 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



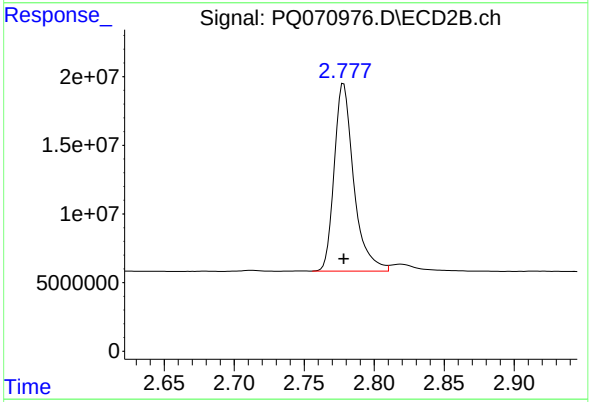






#1 Tetrachloro-m-xylene

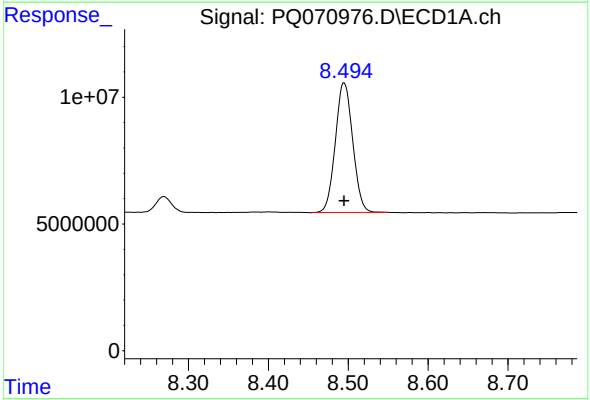
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 112427951
Conc: 25.82 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC250



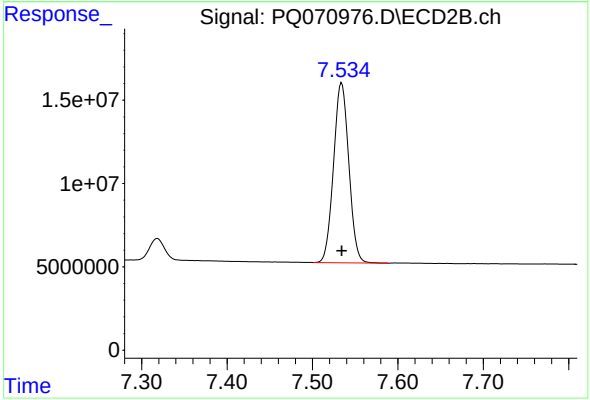

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 132564653
Conc: 25.75 ng/ml



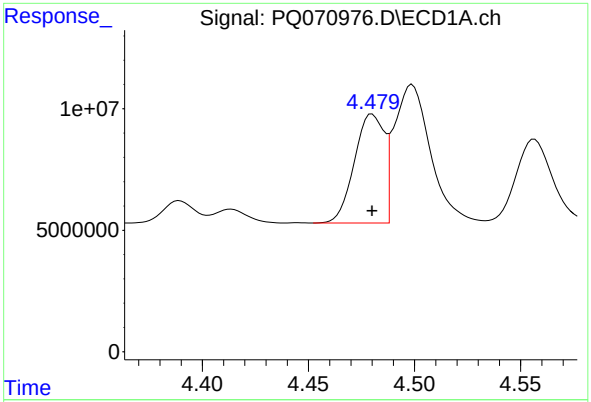

#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 77430043
Conc: 26.68 ng/ml




#2 Decachlorobiphenyl

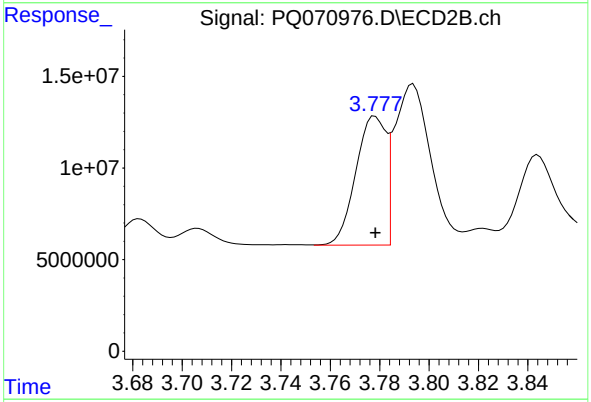
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 133997963
Conc: 26.80 ng/ml




#3 AR-1016-1

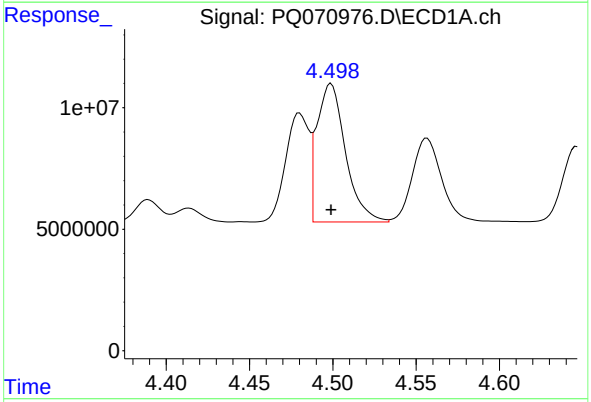
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 43873025
Conc: 266.27 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC250



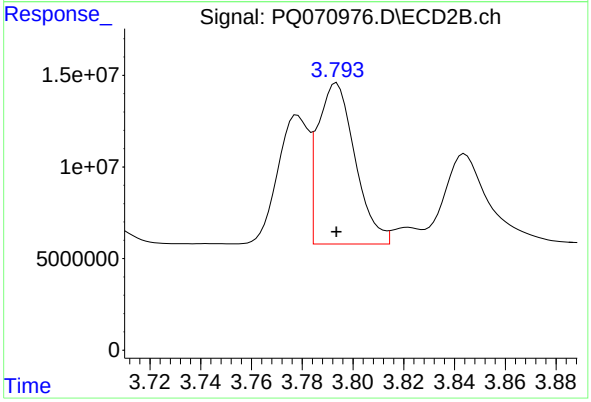

#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 59445752
Conc: 269.81 ng/ml



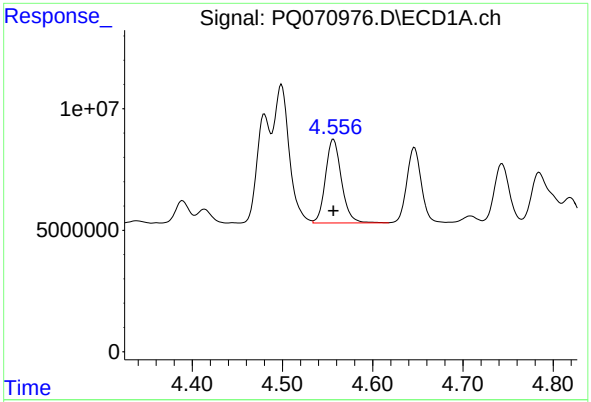

#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 67879501
Conc: 264.06 ng/ml




#4 AR-1016-2

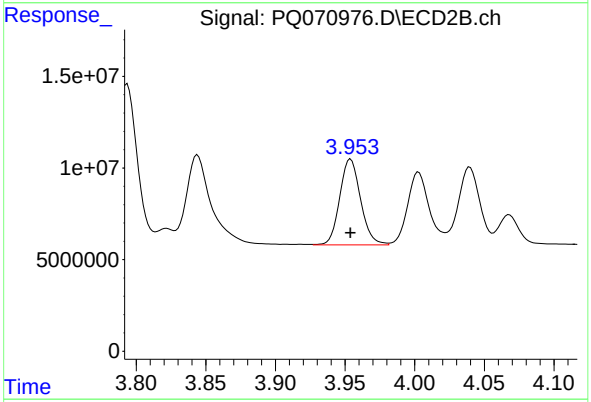
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 89768912
Conc: 266.26 ng/ml




#5 AR-1016-3

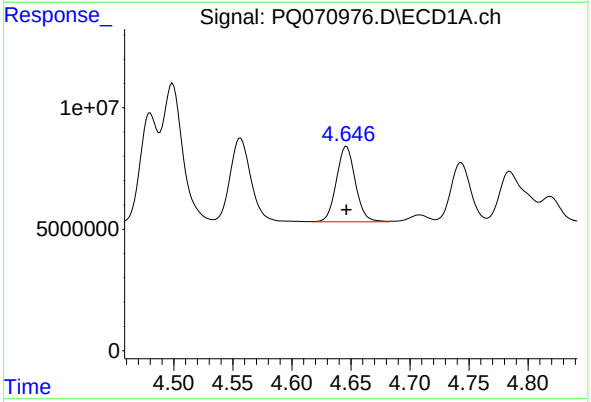
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 42399194
Conc: 266.46 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC250



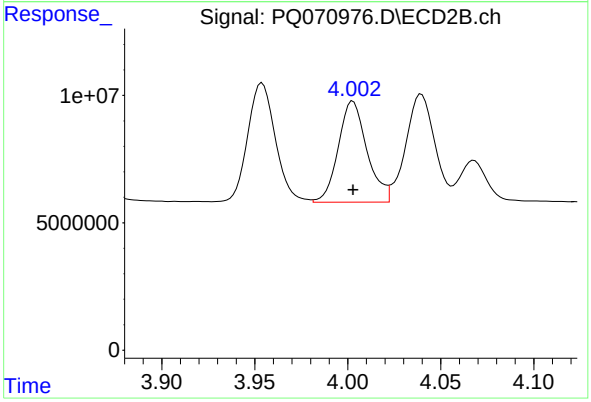

#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 48815753
Conc: 268.58 ng/ml



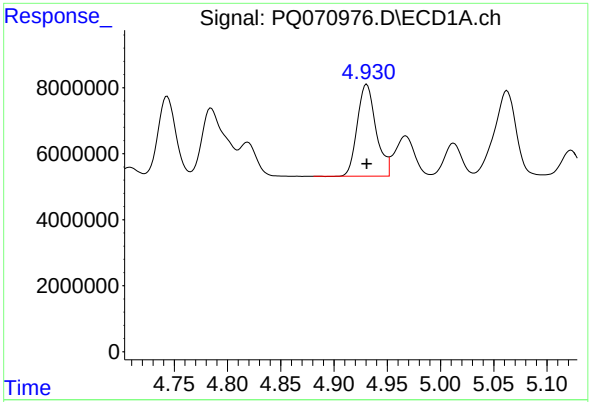

#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 34575940
Conc: 264.60 ng/ml




#6 AR-1016-4

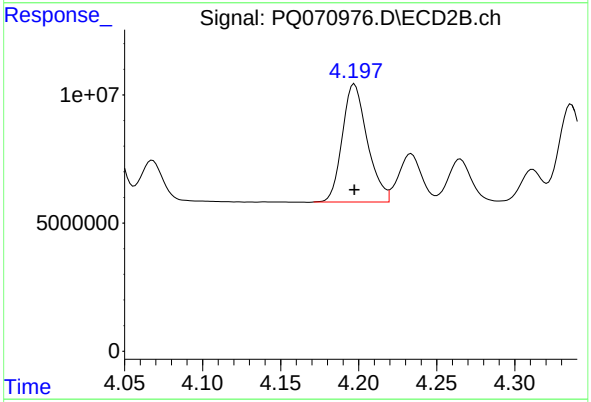
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 42722621
Conc: 273.07 ng/ml




#7 AR-1016-5

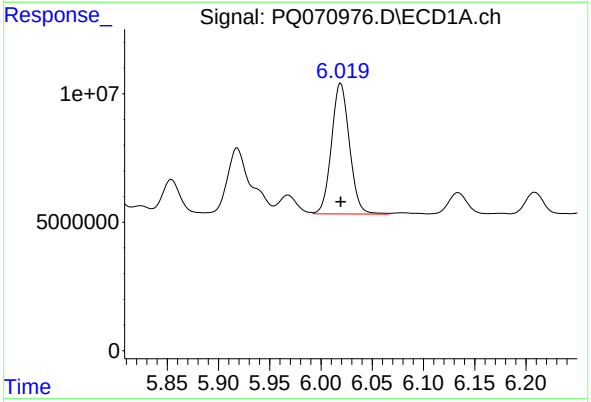
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 34076692
Conc: 264.46 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC250



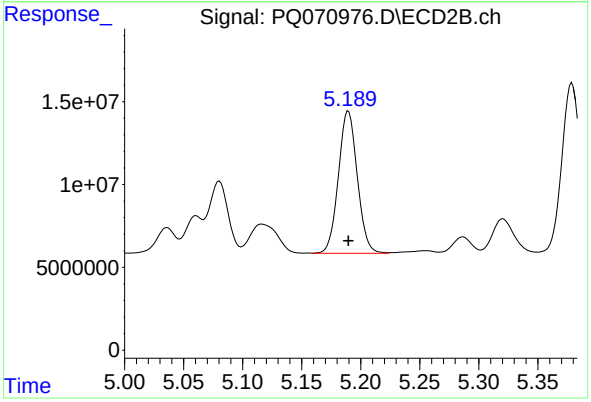

#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 51408265
Conc: 269.90 ng/ml



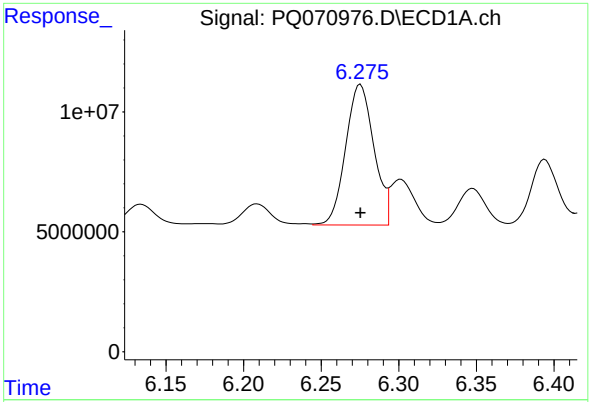

#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 61964969
Conc: 265.70 ng/ml




#31 AR-1260-1

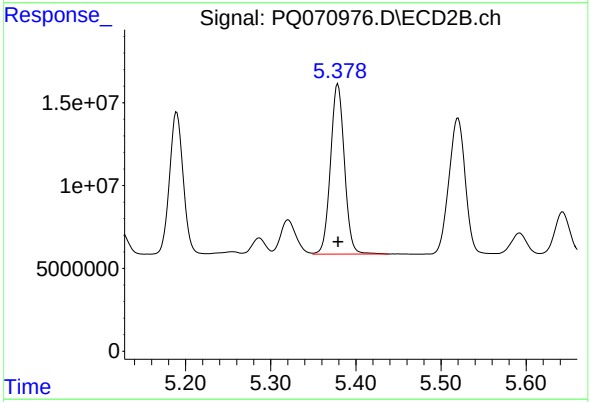
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 95539541
Conc: 268.60 ng/ml




#32 AR-1260-2

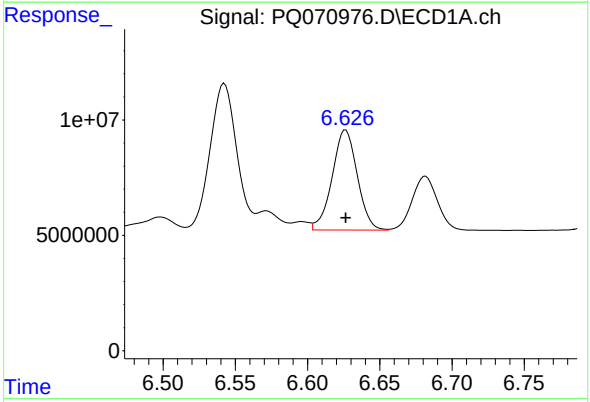
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 74180101
Conc: 268.92 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC250



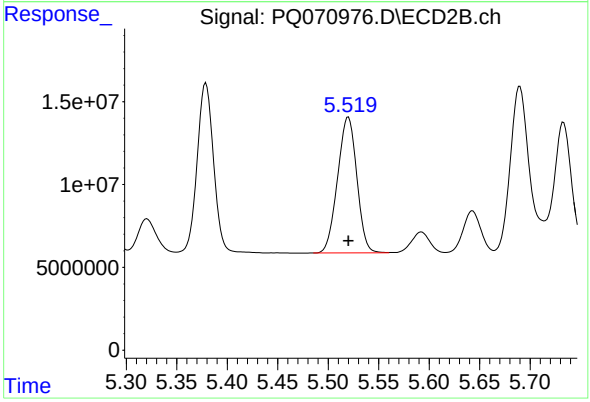

#32 AR-1260-2

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 116697737
Conc: 267.94 ng/ml



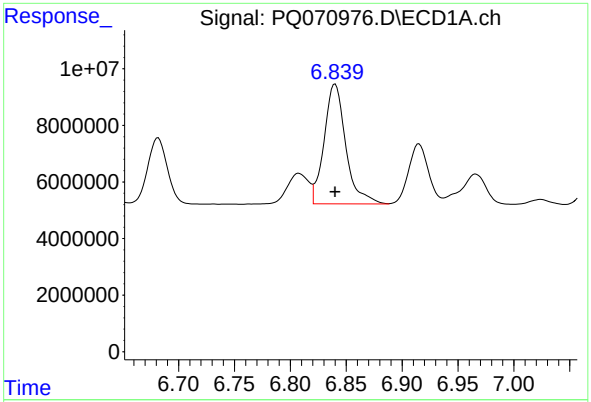

#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 52397657
Conc: 265.75 ng/ml




#33 AR-1260-3

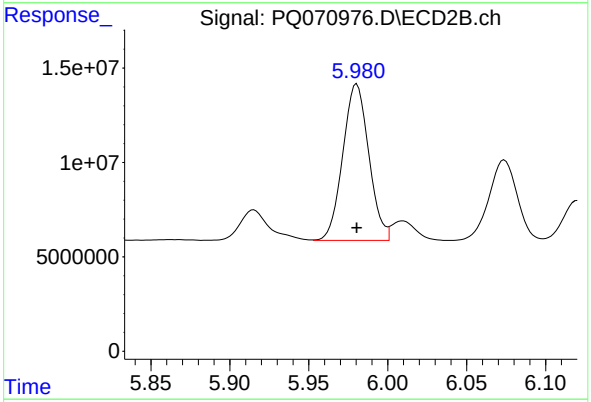
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 109012506
Conc: 265.22 ng/ml




#34 AR-1260-4

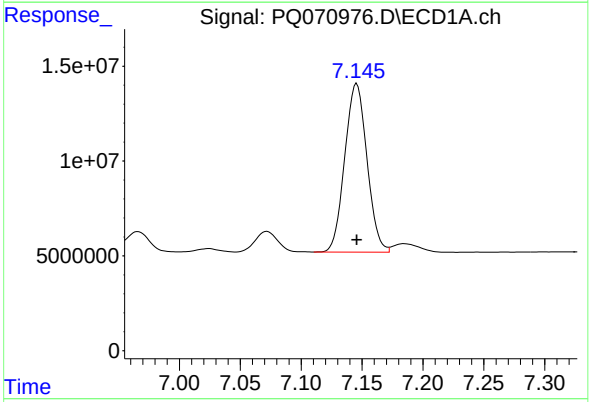
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 57203584
Conc: 266.58 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC250



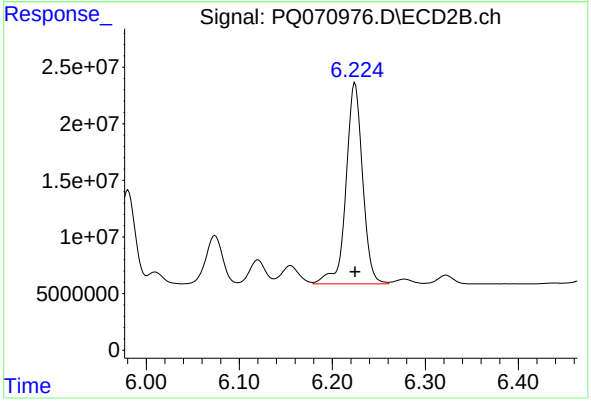

#34 AR-1260-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 95029278
Conc: 266.06 ng/ml




#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 112984855
Conc: 260.13 ng/ml




#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 220185144
Conc: 262.89 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:55
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:05:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 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... | 3.400 | 2.778 | 21685891 | 24048483 | 4.985 | 4.734 |
| 2) | SA Decachlor... | 8.495 | 7.533 | 14566242 | 26253649 | 5.016 | 5.199 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.480 | 3.778 | 8082361 | 11936188 | 49.239 | 53.286 |
| 4) | L1 AR-1016-2 | 4.498 | 3.793 | 12661786 | 17601233 | 49.403 | 51.750 |
| 5) | L1 AR-1016-3 | 4.557 | 3.953 | 7955970 | 9113143 | 50.000 | 50.111 |
| 6) | L1 AR-1016-4 | 4.645 | 4.002 | 6347651 | 8062138 | 48.855 | 51.217 |
| 7) | L1 AR-1016-5 | 4.930 | 4.197 | 6429669 | 9865534 | 49.919 | 51.425 |
| 31) | L7 AR-1260-1 | 6.019 | 5.190 | 11974683 | 18962286 | 51.162m | 52.614 |
| 32) | L7 AR-1260-2 | 6.274 | 5.378 | 13982610 | 22891919 | 50.322m | 52.028 |
| 33) | L7 AR-1260-3 | 6.626 | 5.519 | 10392796 | 21545658 | 52.144 | 51.917 |
| 34) | L7 AR-1260-4 | 6.840 | 5.980 | 10804624 | 18507162 | 50.281 | 51.443 |
| 35) | L7 AR-1260-5 | 7.145 | 6.224 | 21577675 | 42558760 | 49.744 | 50.648 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:55
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

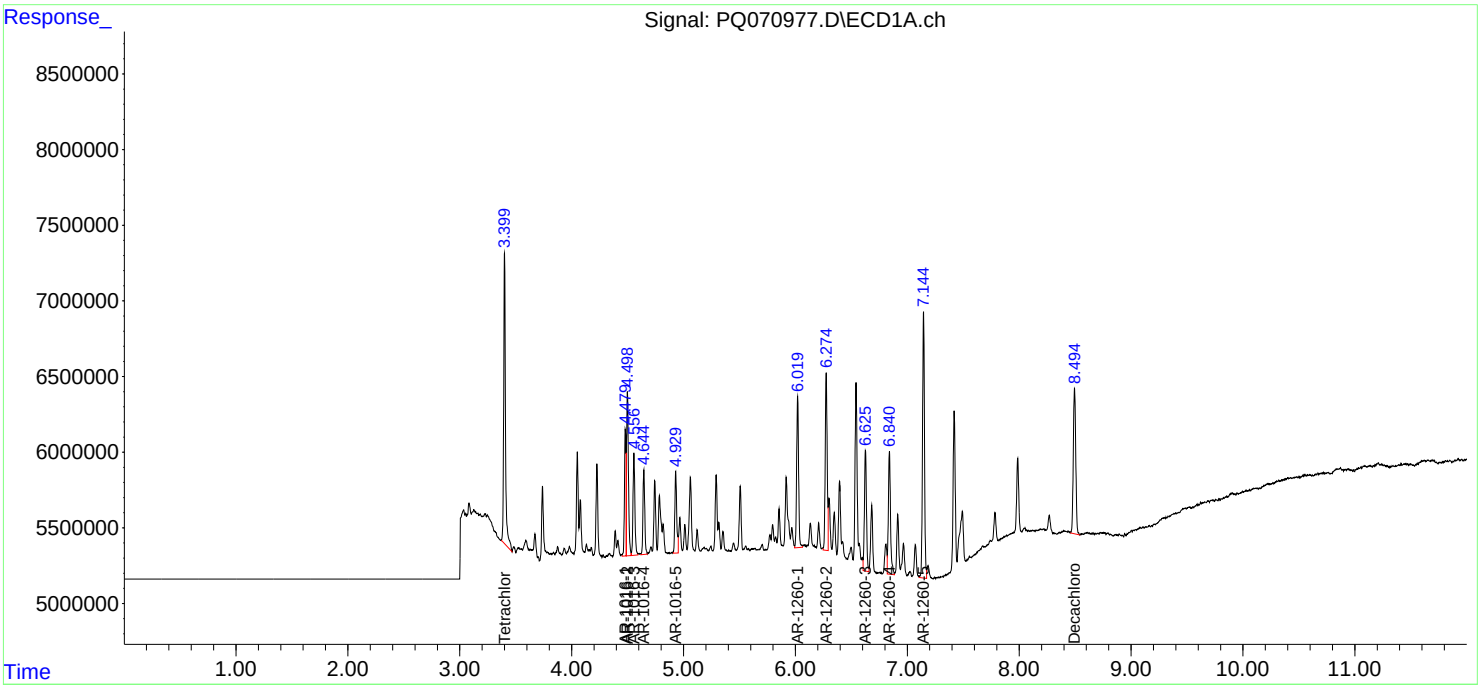
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC050

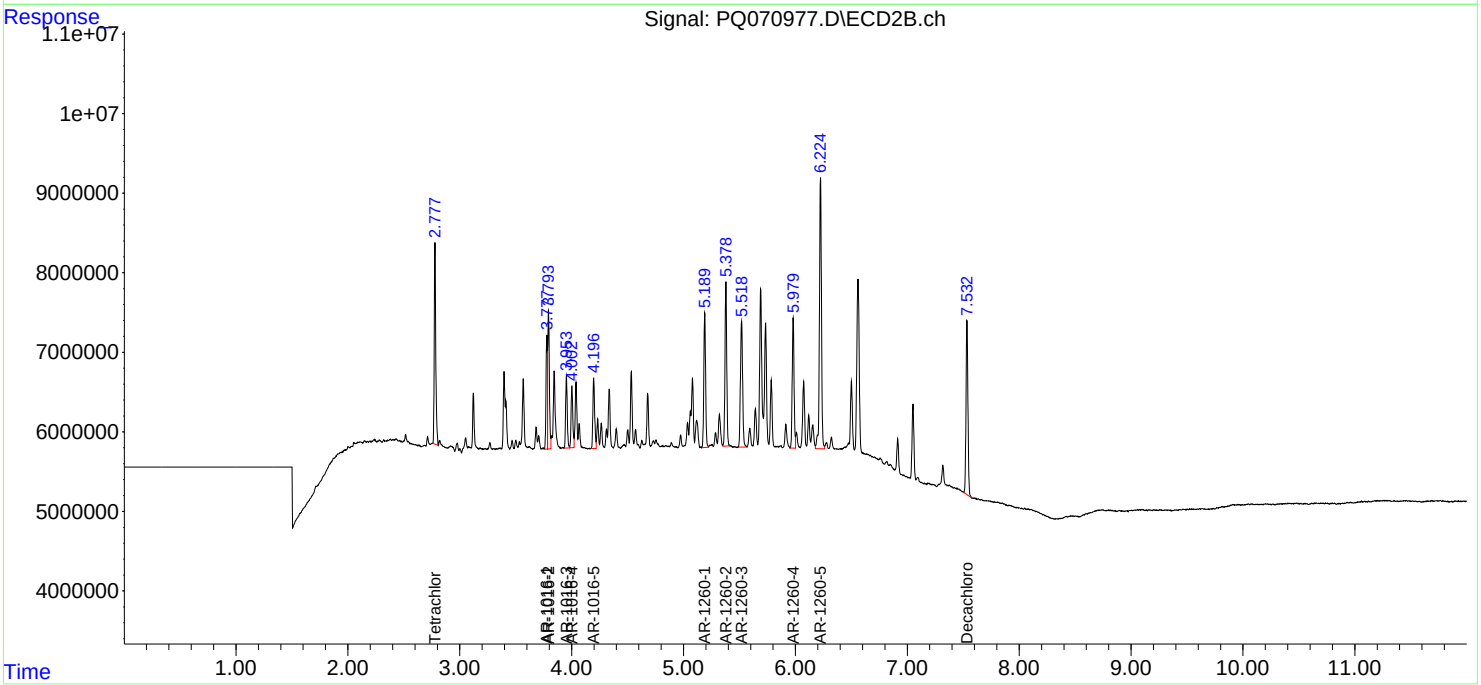
**Manual Integrations APPROVED**

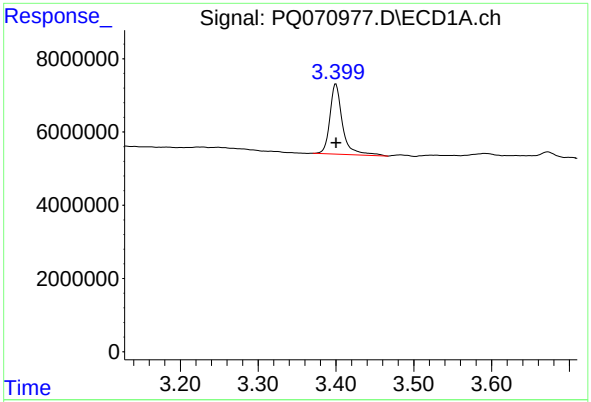
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:05:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 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





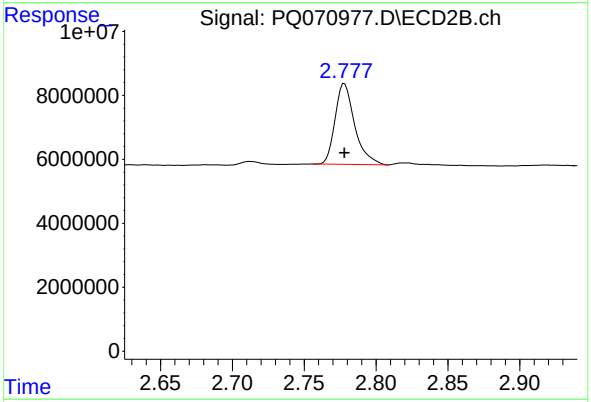

#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 21685891
Conc: 4.98 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC050

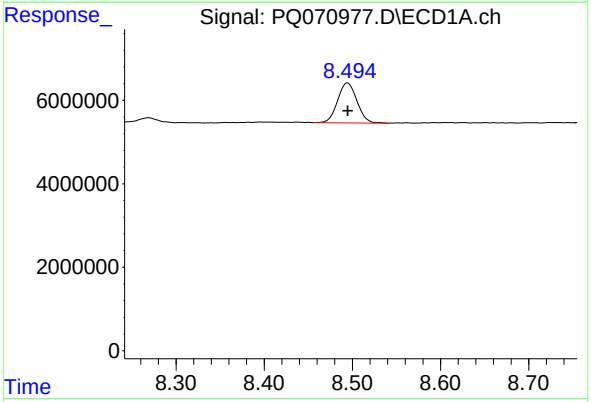
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



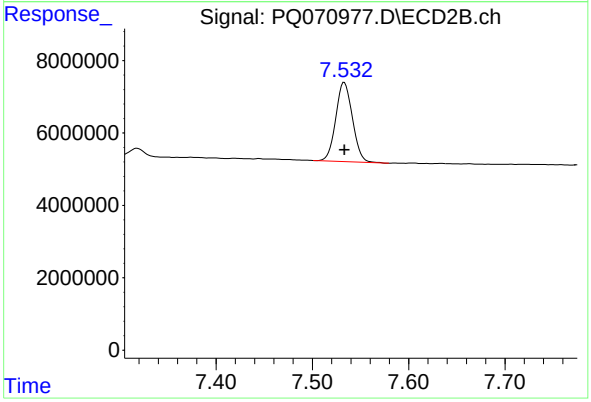

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 24048483
Conc: 4.73 ng/ml



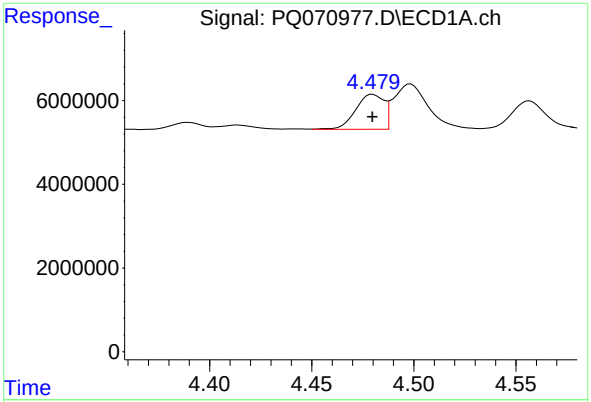

#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 14566242
Conc: 5.02 ng/ml




#2 Decachlorobiphenyl

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 26253649
Conc: 5.20 ng/ml



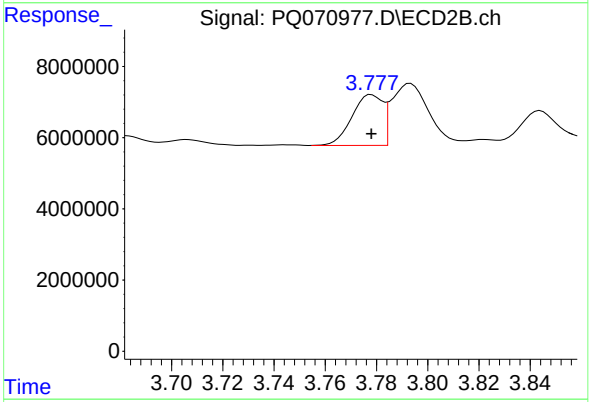

#3 AR-1016-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 8082361
Conc: 49.24 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC050

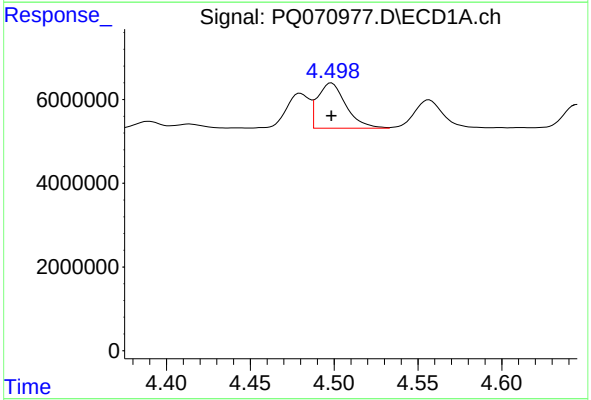
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



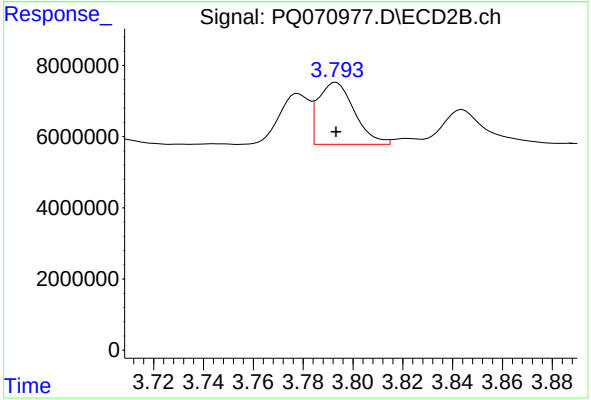

#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 11936188
Conc: 53.29 ng/ml



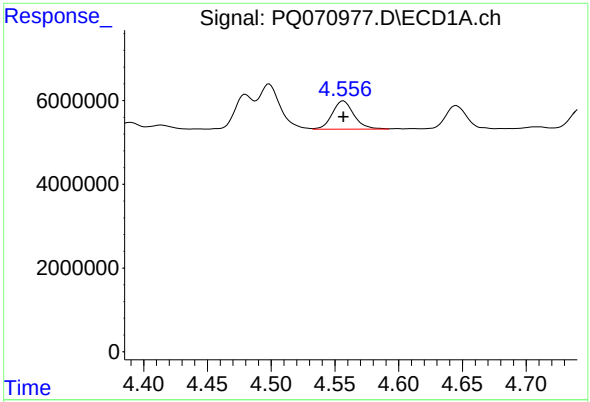

#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 12661786
Conc: 49.40 ng/ml




#4 AR-1016-2

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 17601233
Conc: 51.75 ng/ml



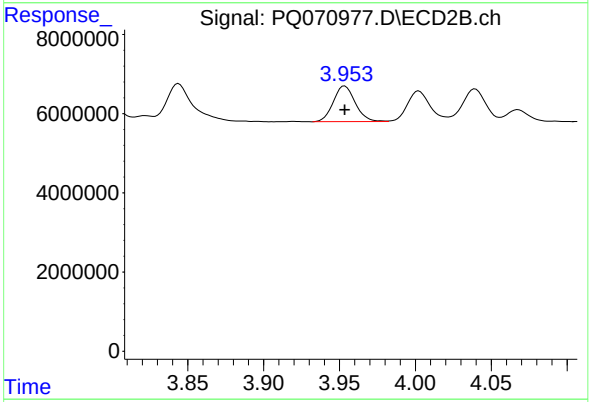

#5 AR-1016-3

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 7955970
Conc: 50.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC050

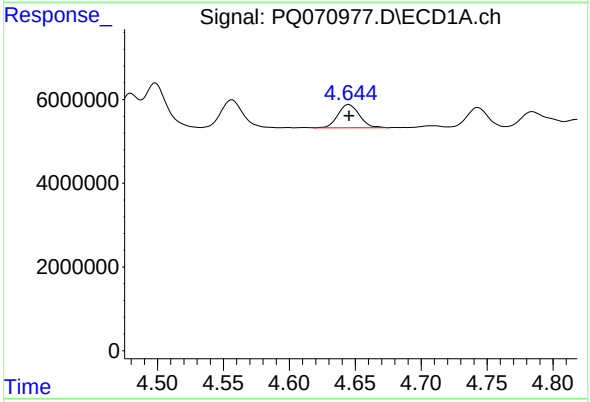
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



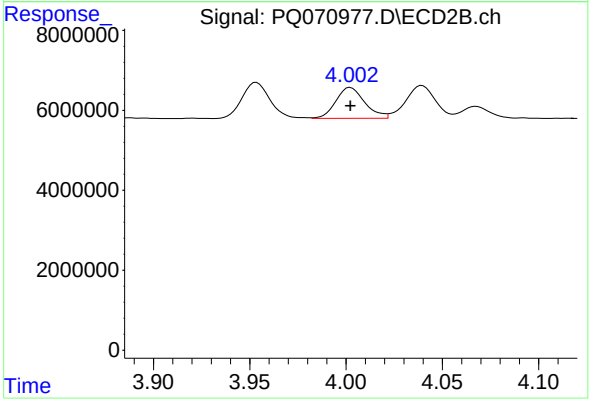

#5 AR-1016-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 9113143
Conc: 50.11 ng/ml



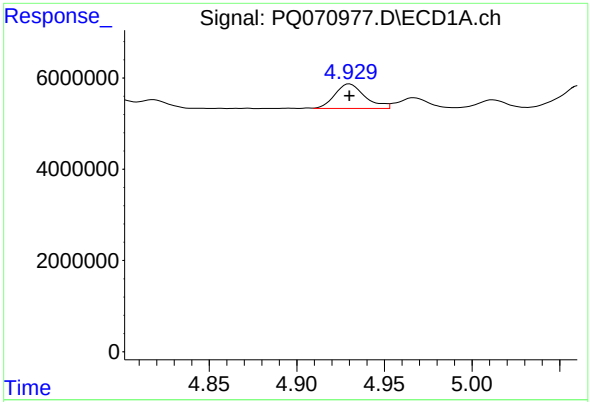

#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 6347651
Conc: 48.85 ng/ml




#6 AR-1016-4

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 8062138
Conc: 51.22 ng/ml



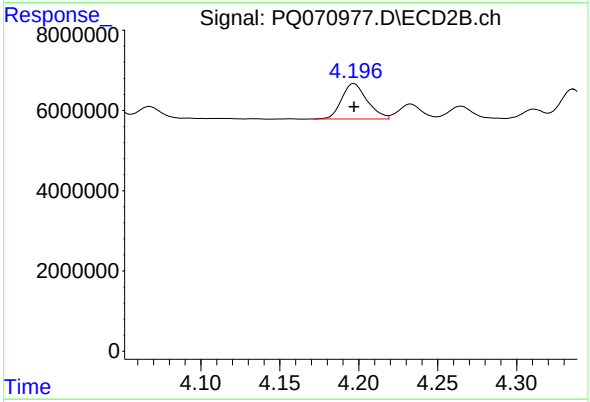

#7 AR-1016-5

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 6429669
Conc: 49.92 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC050

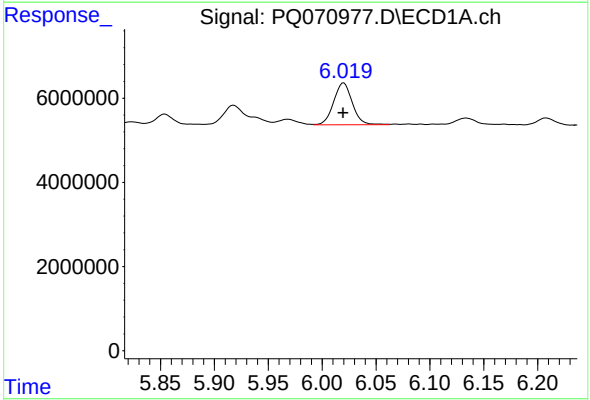
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



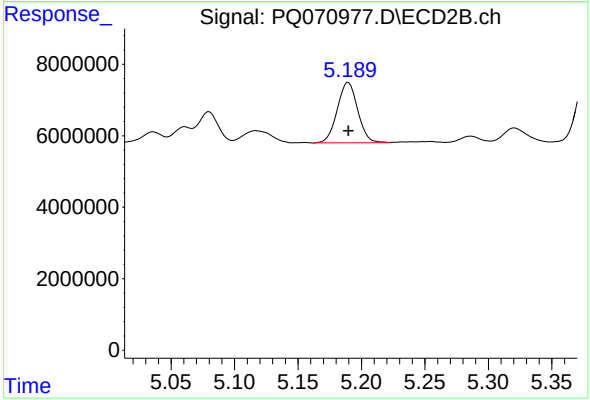

#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 9865534
Conc: 51.43 ng/ml



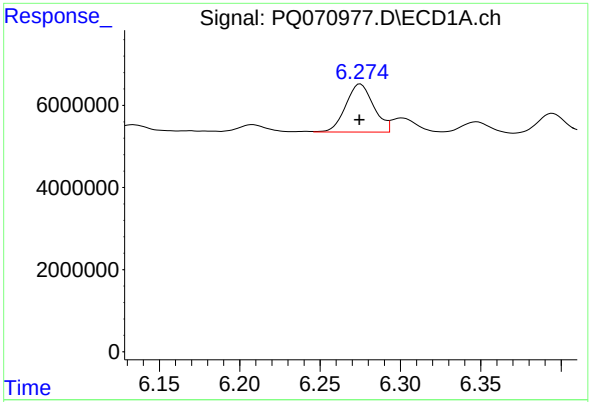

#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 11974683
Conc: 51.16 ng/ml m




#31 AR-1260-1

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 18962286
Conc: 52.61 ng/ml



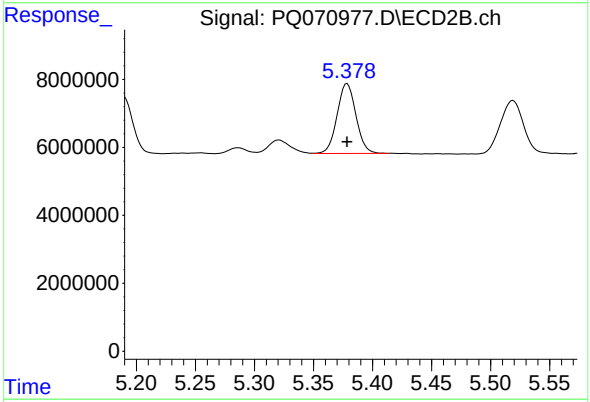

#32 AR-1260-2

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 13982610
Conc: 50.32 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC050

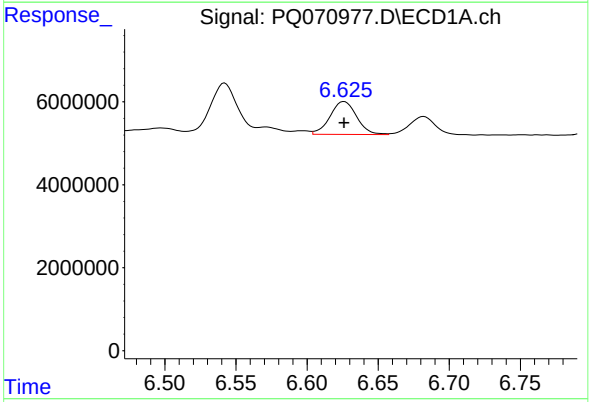
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



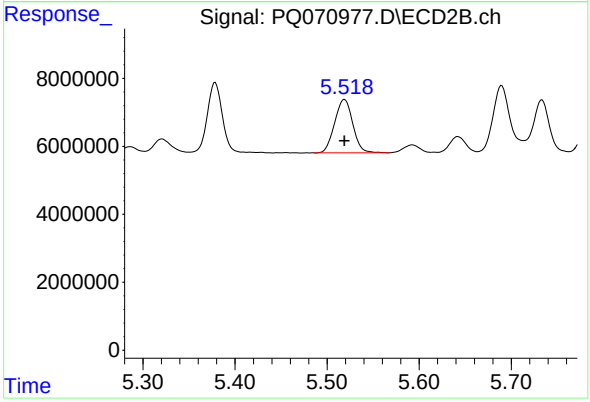

#32 AR-1260-2

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 22891919
Conc: 52.03 ng/ml



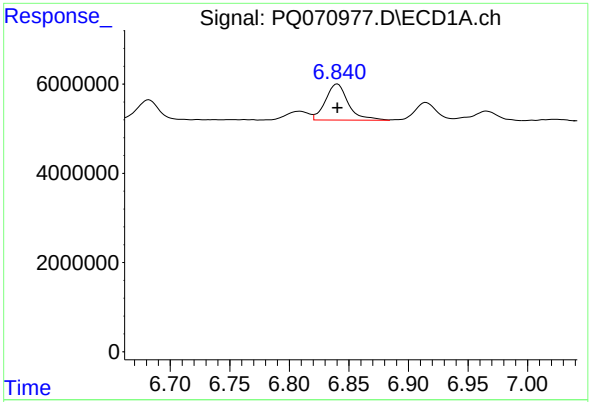

#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 10392796
Conc: 52.14 ng/ml




#33 AR-1260-3

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 21545658
Conc: 51.92 ng/ml



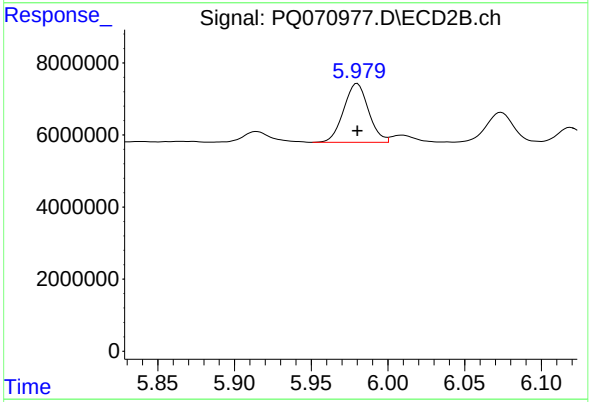

#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 10804624
Conc: 50.28 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660ICC050

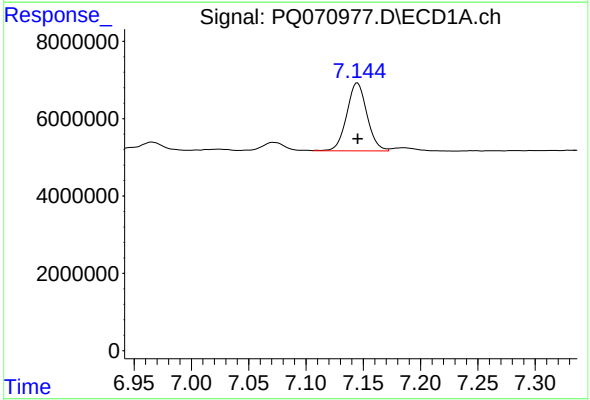
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



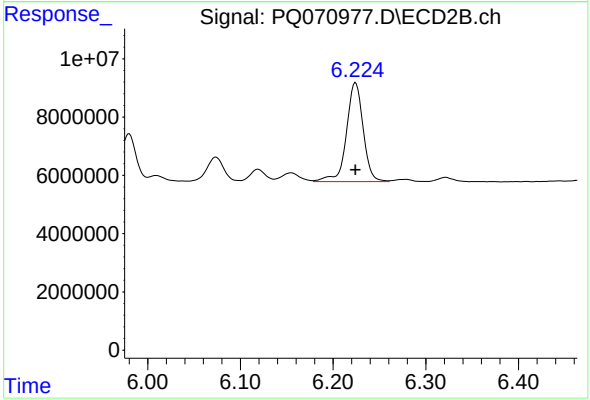

#34 AR-1260-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 18507162
Conc: 51.44 ng/ml




#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 21577675
Conc: 49.74 ng/ml




#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 42558760
Conc: 50.65 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:09
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:55:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 11:55:37 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... | 3.400 | 2.778 | 220.4E6 | 255.3E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.496 | 7.534 | 149.9E6 | 262.1E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 8) | L2 AR-1221-1 | 3.594 | 2.977 | 29595379 | 36909578 | 500.000 | 500.000 |
| 9) | L2 AR-1221-2 | 3.672 | 3.053 | 21573372 | 30001568 | 500.000 | 500.000 |
| 10) | L2 AR-1221-3 | 3.739 | 3.122 | 66773962 | 85591891 | 500.000 | 500.000 |

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

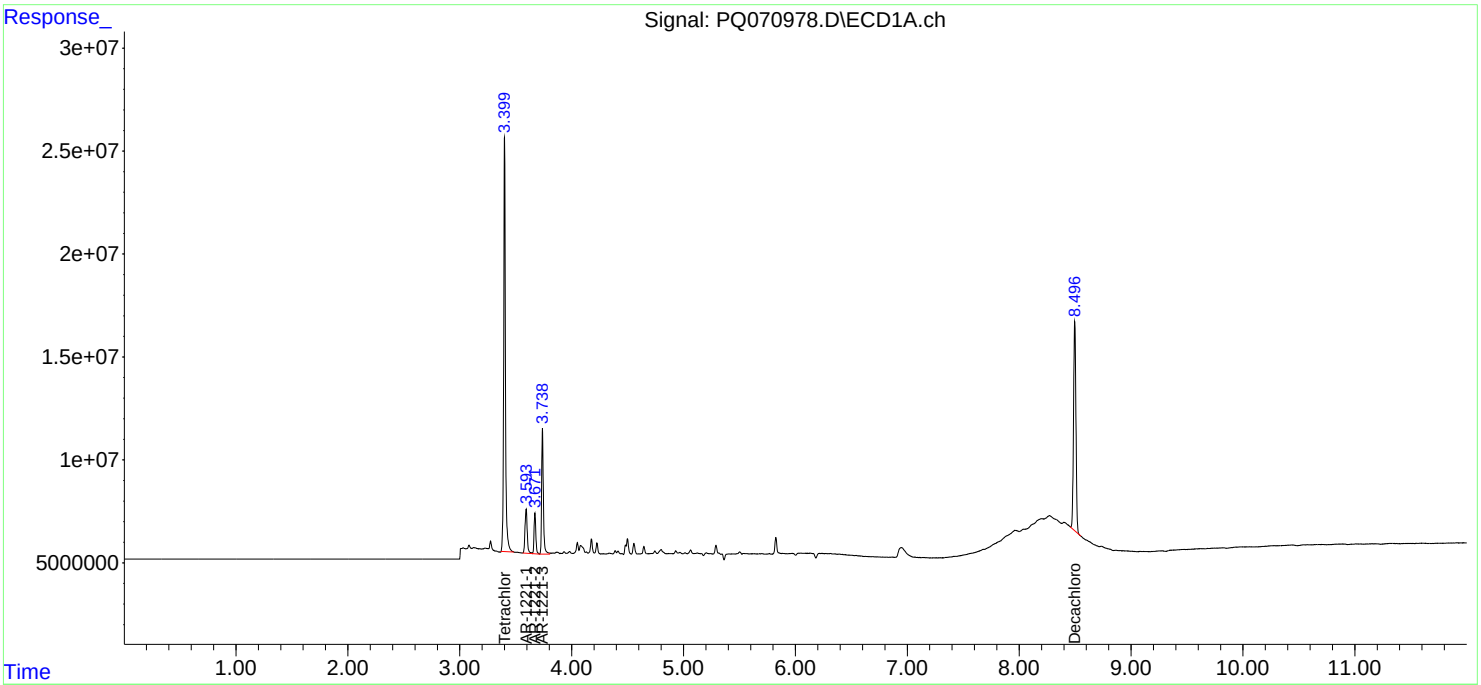
ICAL Form

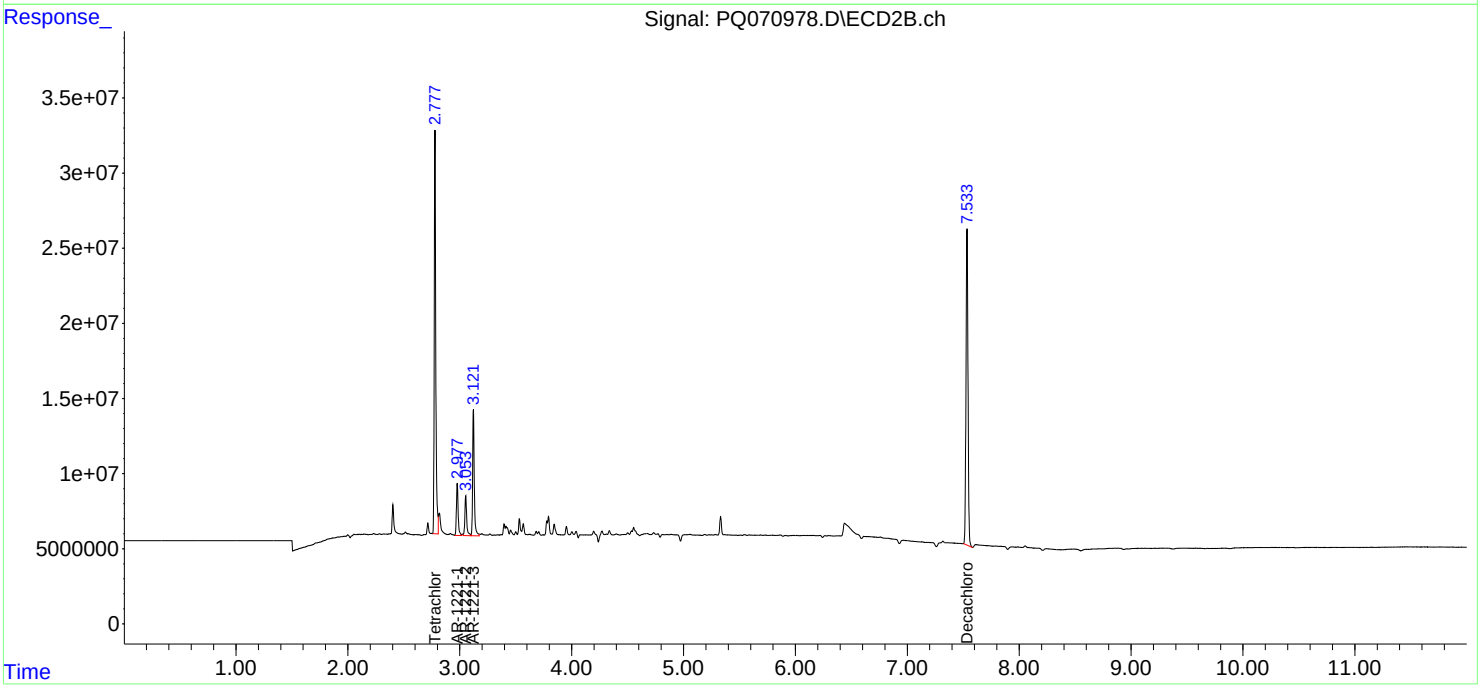
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:09
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

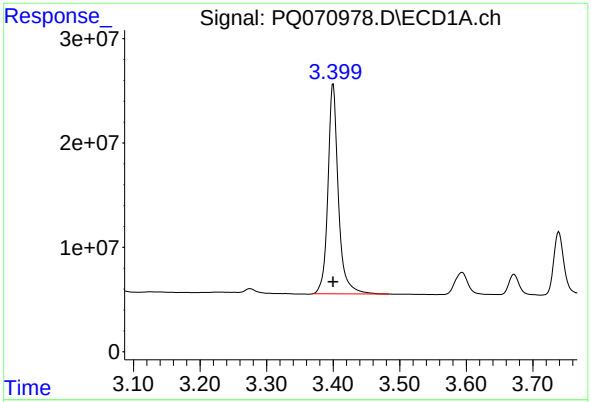
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:55:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 11:55:37 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



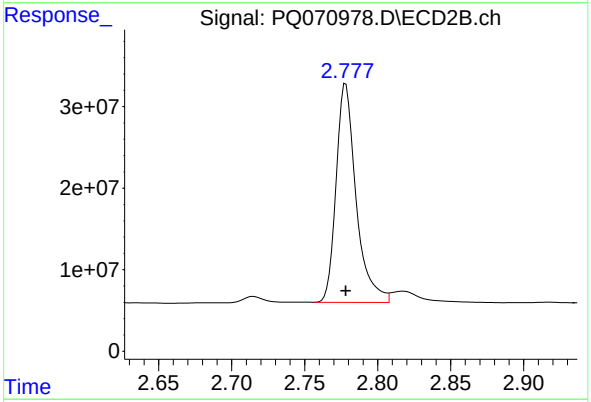






#1 Tetrachloro-m-xylene

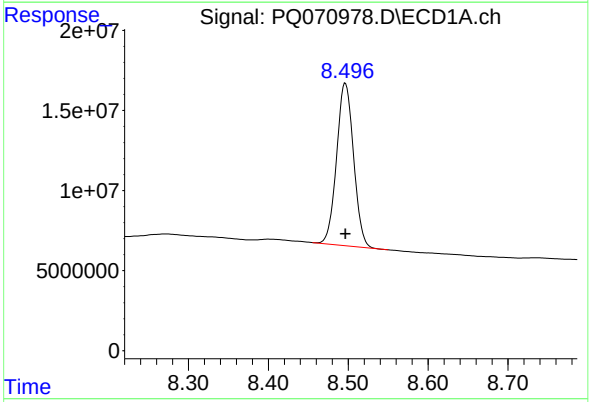
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 220369967
Conc: 50.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1221ICC500



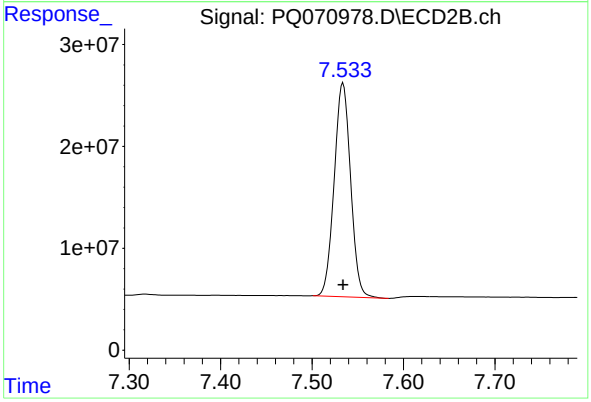

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 255300945
Conc: 50.00 ng/ml



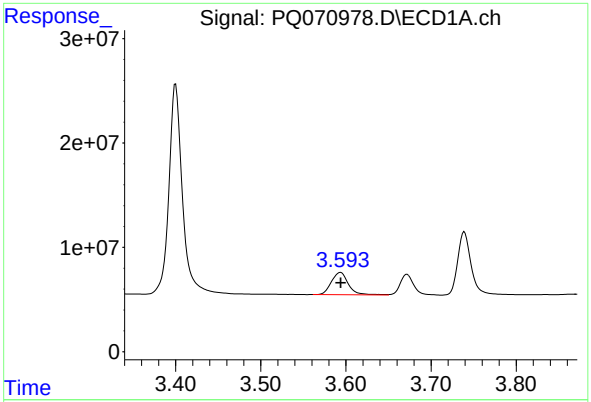

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 149874496
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

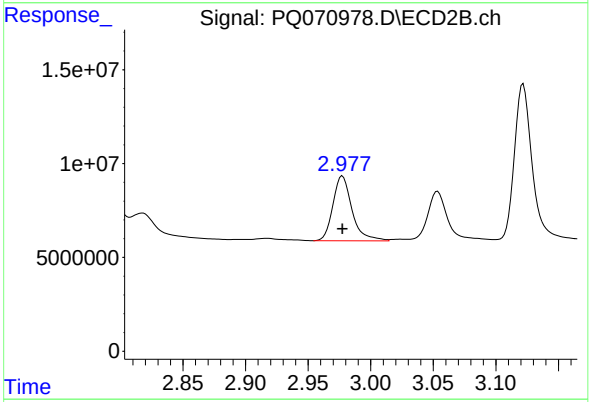
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 262139791
Conc: 50.00 ng/ml




#8 AR-1221-1

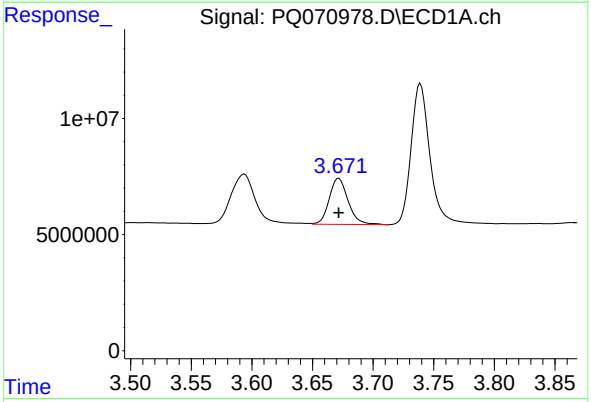
R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 29595379
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1221ICC500



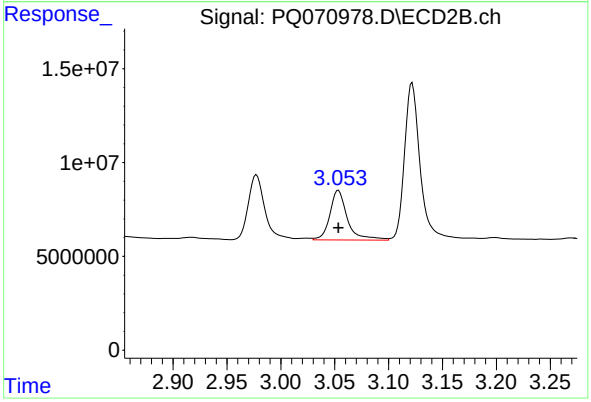

#8 AR-1221-1

R.T.: 2.977 min
Delta R.T.: 0.000 min
Response: 36909578
Conc: 500.00 ng/ml



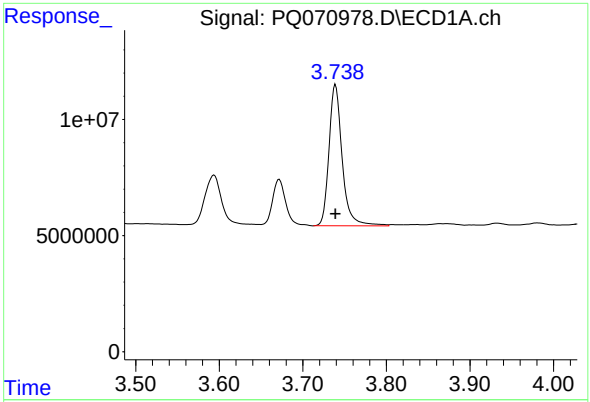

#9 AR-1221-2

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 21573372
Conc: 500.00 ng/ml




#9 AR-1221-2

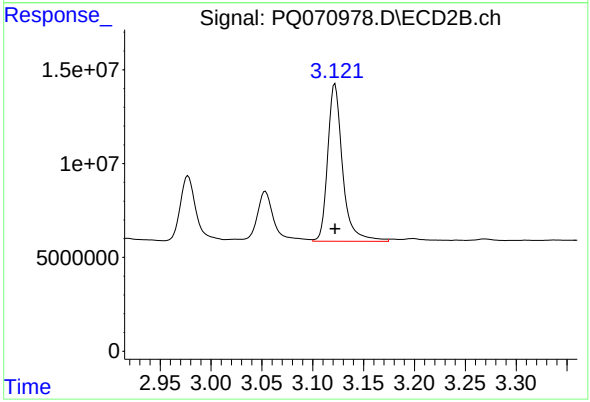
R.T.: 3.053 min
Delta R.T.: 0.000 min
Response: 30001568
Conc: 500.00 ng/ml




#10 AR-1221-3

R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 66773962
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1221ICC500




#10 AR-1221-3

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 85591891
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070979.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:24
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:00:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 11:55:37 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... | 3.400 | 2.778 | 234.5E6 | 276.3E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.497 | 7.534 | 163.6E6 | 280.6E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 11) | L3 AR-1232-1 | 3.739 | 3.121 | 54474047 | 69671226 | 500.000 | 500.000 |
| 12) | L3 AR-1232-2 | 4.226 | 3.793 | 28751418 | 69449831 | 500.000 | 500.000 |
| 13) | L3 AR-1232-3 | 4.499 | 3.953 | 53549480 | 36725094 | 500.000 | 500.000 |
| 14) | L3 AR-1232-4 | 4.646 | 4.039 | 27007118 | 31517168 | 500.000 | 500.000 |
| 15) | L3 AR-1232-5 | 4.785 | 4.197 | 21856633 | 35803624 | 500.000 | 500.000 |

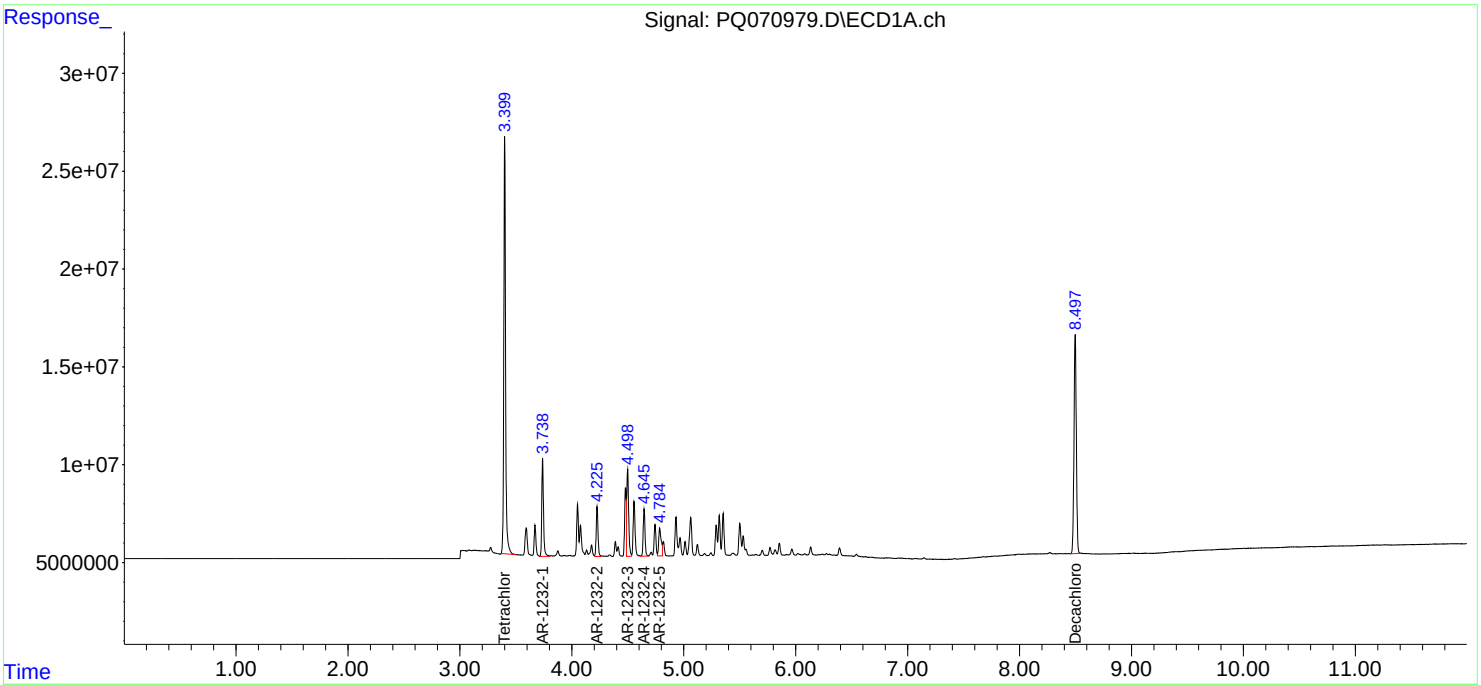
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

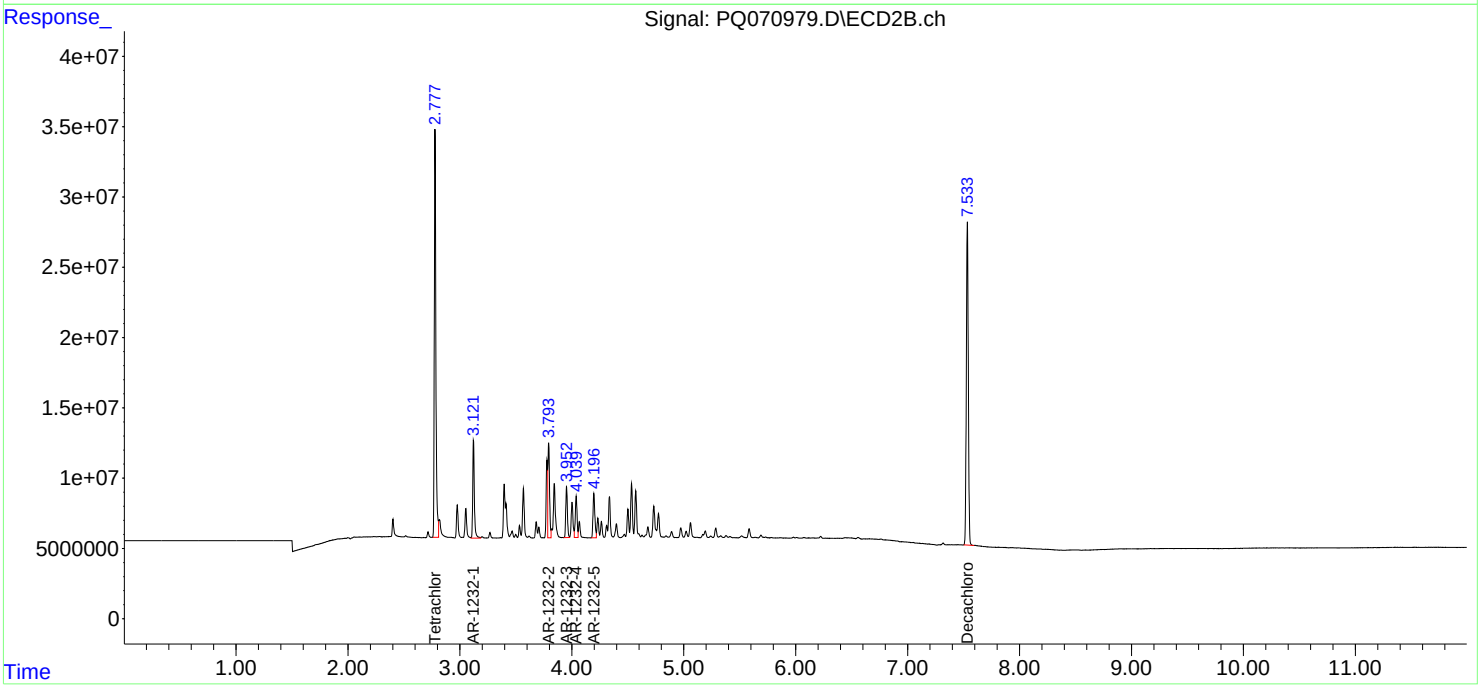
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070979.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:24
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

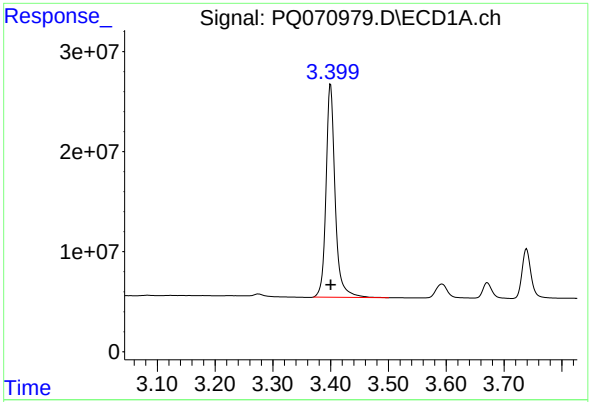
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:00:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 11:55:37 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



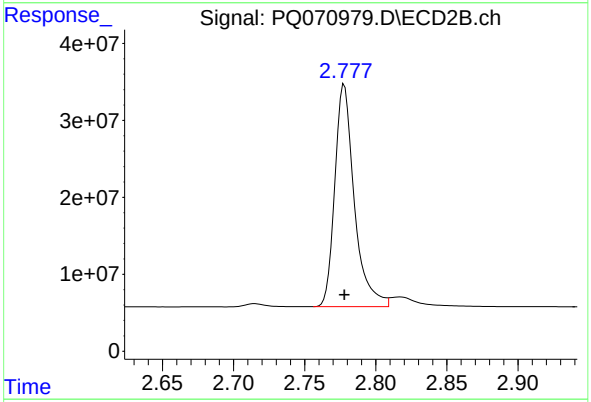






#1 Tetrachloro-m-xylene

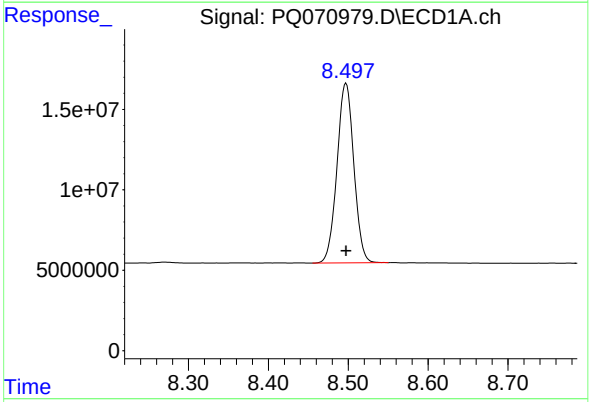
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 234547177
Conc: 50.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1232ICC500



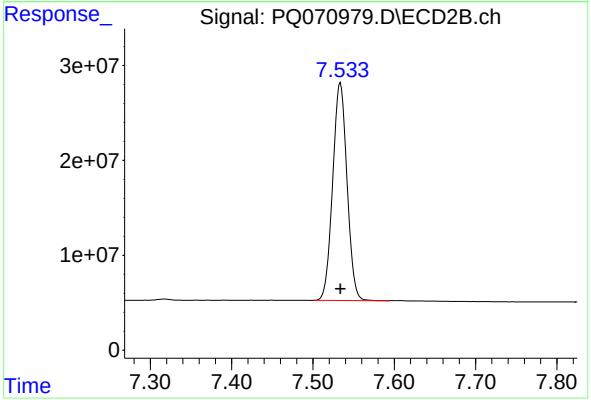

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 276348863
Conc: 50.00 ng/ml



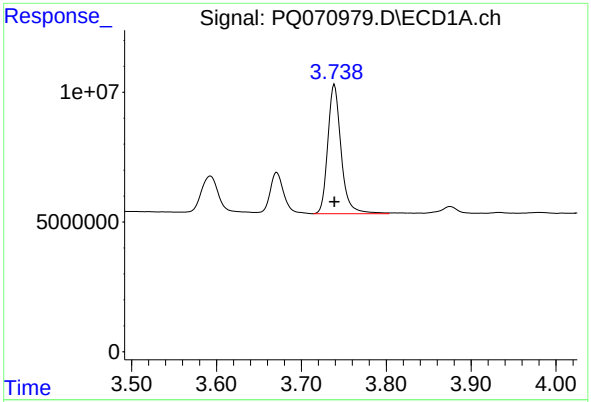

#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 163612084
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

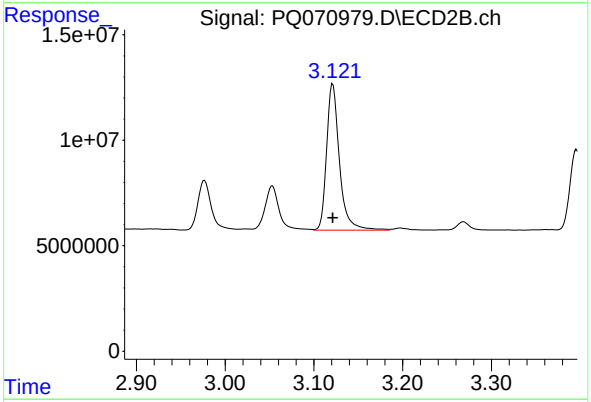
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 280551433
Conc: 50.00 ng/ml




#11 AR-1232-1

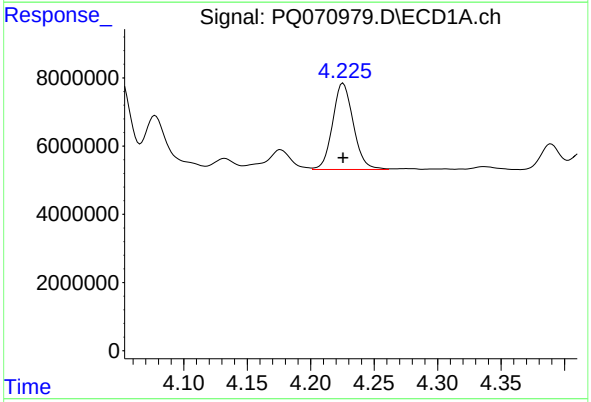
R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 54474047
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1232ICC500



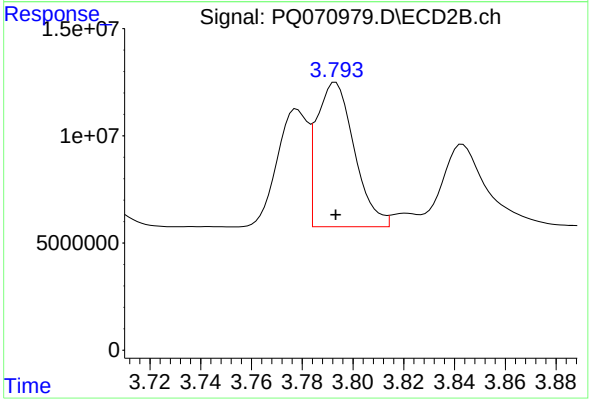

#11 AR-1232-1

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 69671226
Conc: 500.00 ng/ml



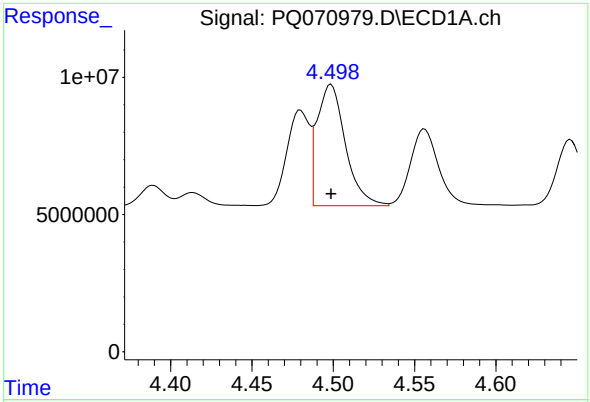

#12 AR-1232-2

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 28751418
Conc: 500.00 ng/ml




#12 AR-1232-2

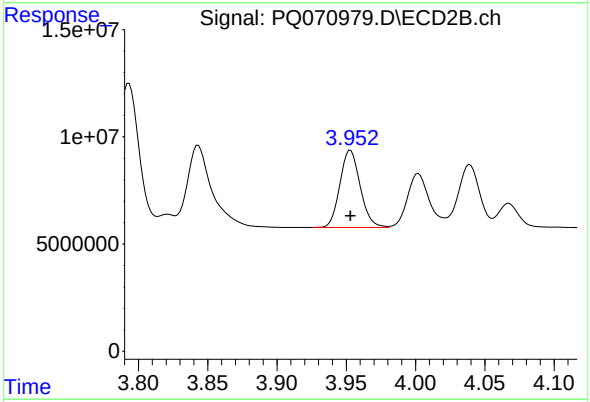
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 69449831
Conc: 500.00 ng/ml




#13 AR-1232-3

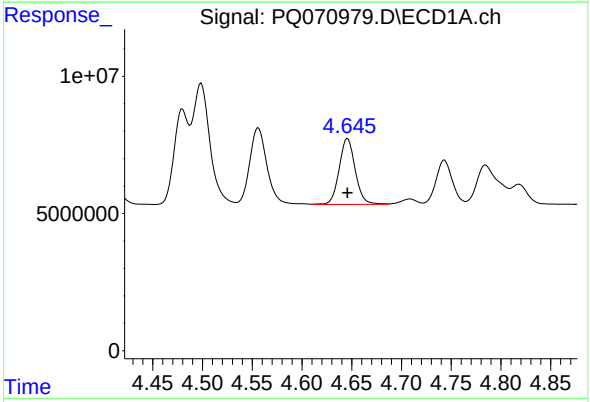
R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 53549480
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1232ICC500



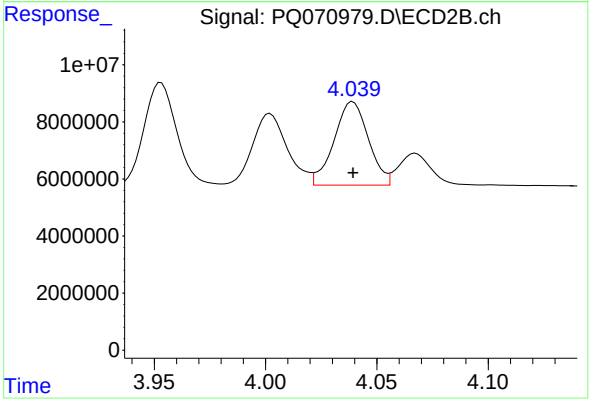

#13 AR-1232-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 36725094
Conc: 500.00 ng/ml



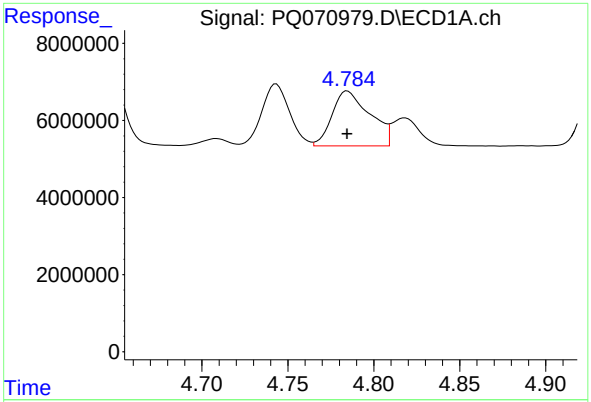

#14 AR-1232-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 27007118
Conc: 500.00 ng/ml




#14 AR-1232-4

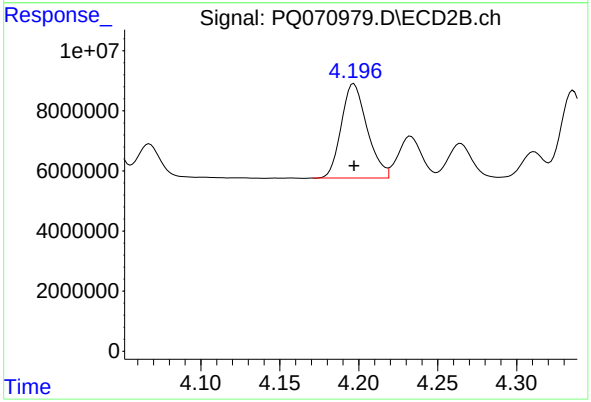
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 31517168
Conc: 500.00 ng/ml




#15 AR-1232-5

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 21856633
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1232ICC500




#15 AR-1232-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 35803624
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:38
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:08:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:05:14 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... | 3.400 | 2.778 | 444.2E6 | 551.1E6 | 98.001 | 98.092 |
| 2) | SA Decachlor... | 8.495 | 7.534 | 308.3E6 | 519.5E6 | 95.801 | 96.097 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.480 | 3.778 | 117.9E6 | 149.1E6 | 983.375 | 964.120 |
| 17) | L4 AR-1242-2 | 4.499 | 3.793 | 179.2E6 | 228.4E6 | 959.238 | 966.879 |
| 18) | L4 AR-1242-3 | 4.556 | 3.953 | 111.3E6 | 123.3E6 | 959.357 | 965.452 |
| 19) | L4 AR-1242-4 | 4.646 | 4.039 | 91702396 | 107.9E6 | 962.012 | 943.887 |
| 20) | L4 AR-1242-5 | 5.349 | 4.534 | 63322787 | 175.3E6 | 867.188 | 999.788 |

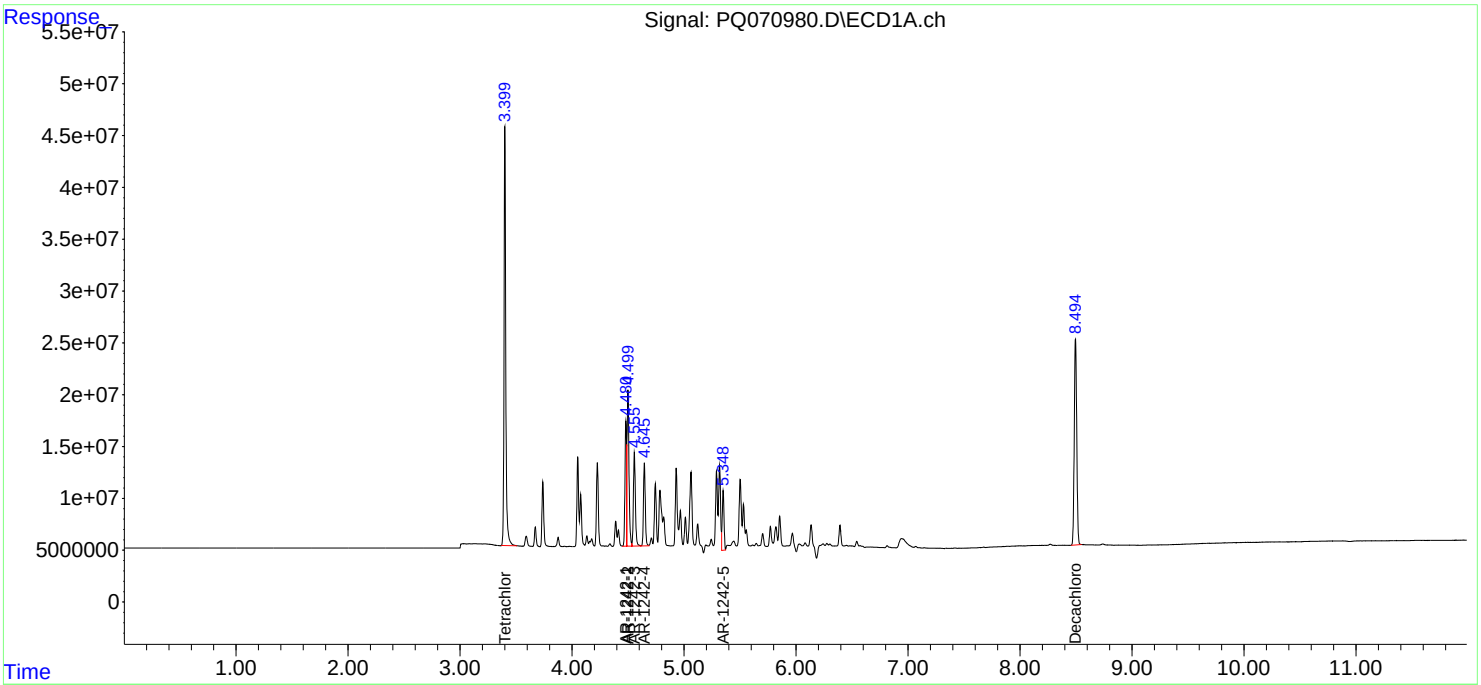
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

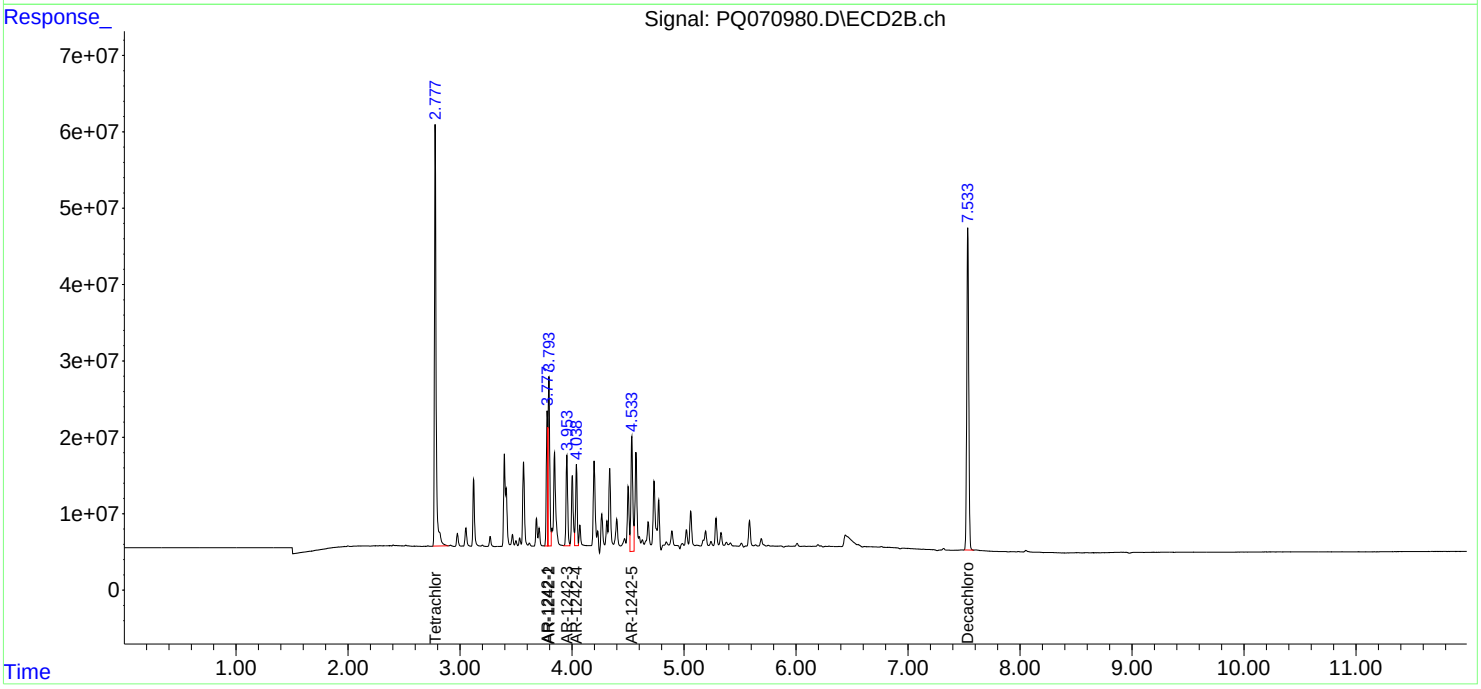
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:38
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

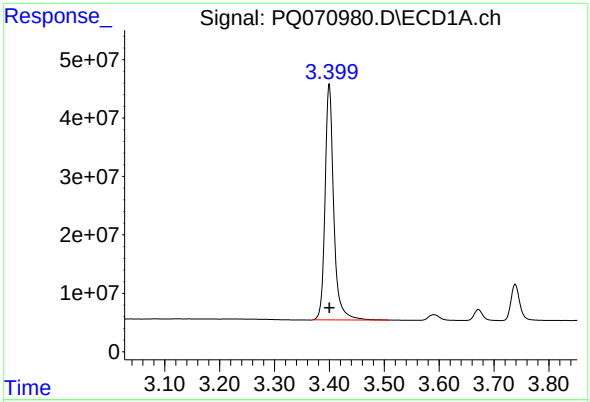
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:08:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:05:14 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



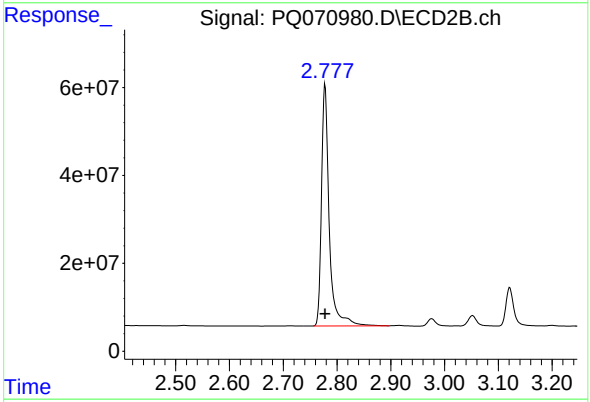






#1 Tetrachloro-m-xylene

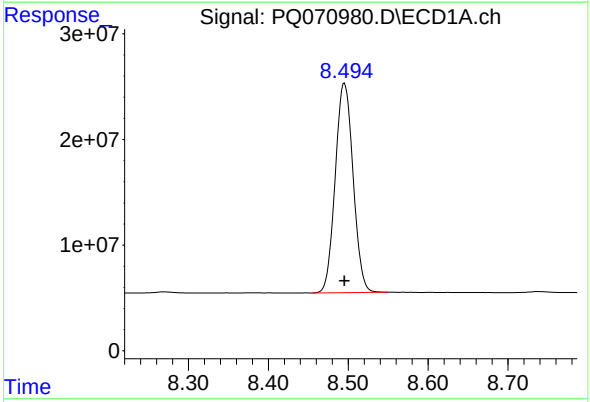
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 444189301
Conc: 98.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC1000



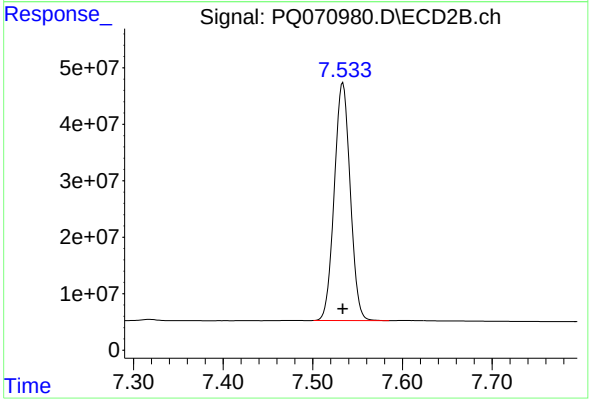

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 551110354
Conc: 98.09 ng/ml



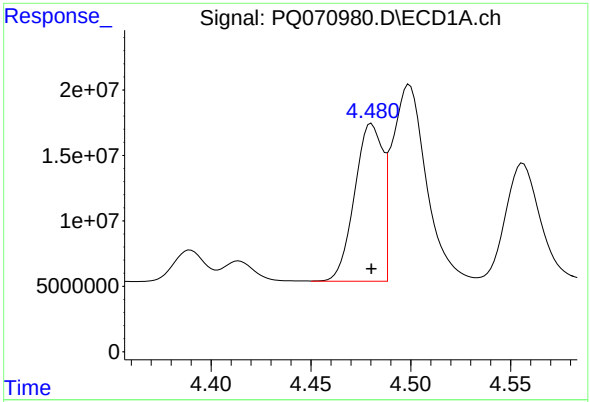

#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 308256864
Conc: 95.80 ng/ml




#2 Decachlorobiphenyl

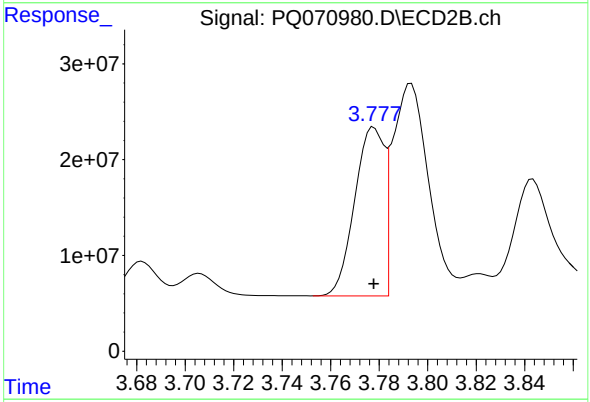
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 519455740
Conc: 96.10 ng/ml




#16 AR-1242-1

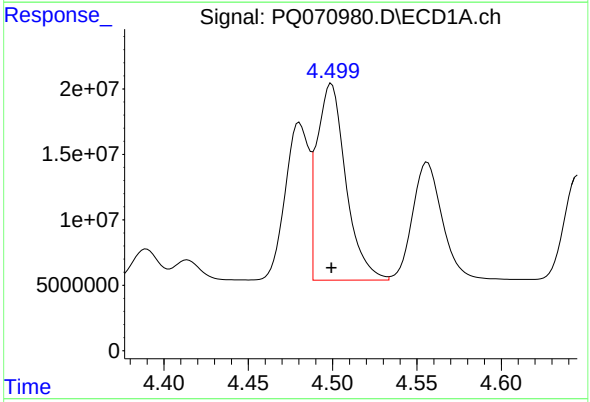
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 117929900
Conc: 983.37 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC1000



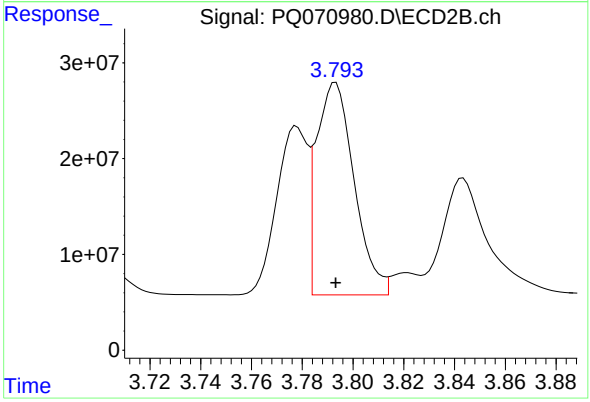

#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 149120136
Conc: 964.12 ng/ml



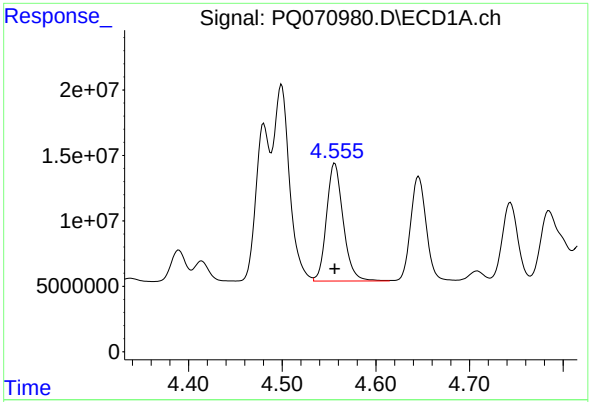

#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 179238730
Conc: 959.24 ng/ml




#17 AR-1242-2

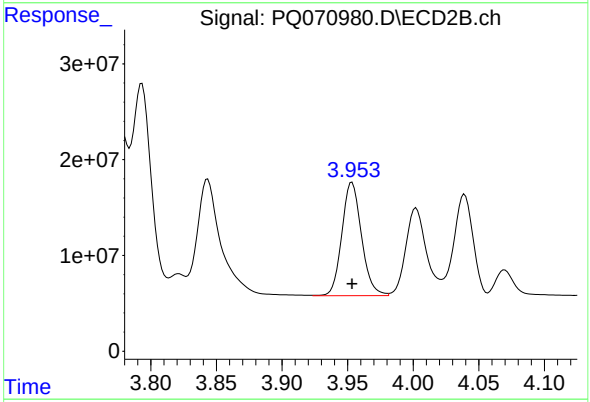
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 228406508
Conc: 966.88 ng/ml




#18 AR-1242-3

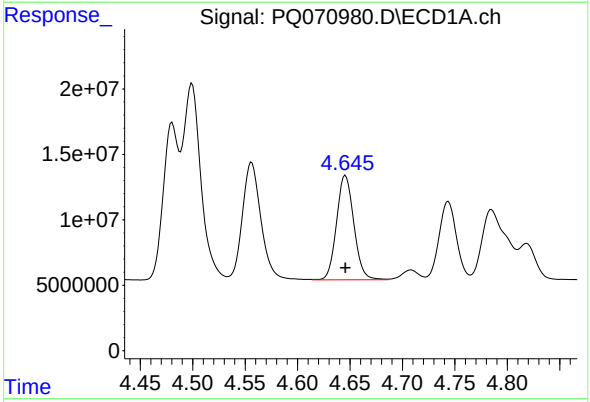
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 111298009
Conc: 959.36 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC1000



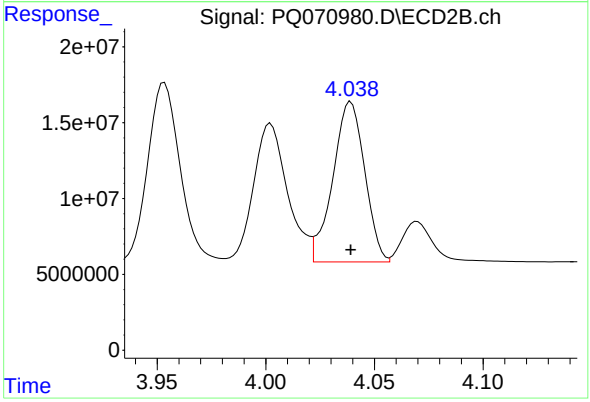

#18 AR-1242-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 123267302
Conc: 965.45 ng/ml



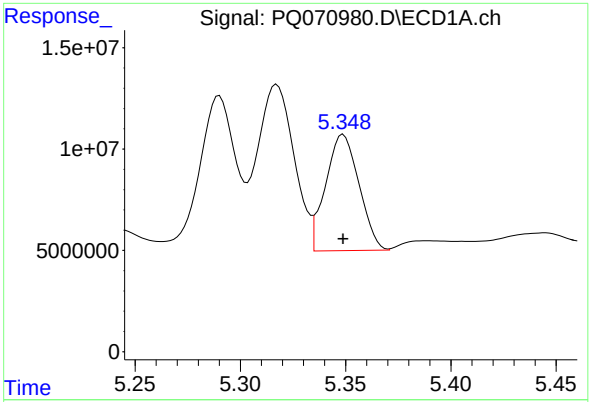

#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 91702396
Conc: 962.01 ng/ml




#19 AR-1242-4

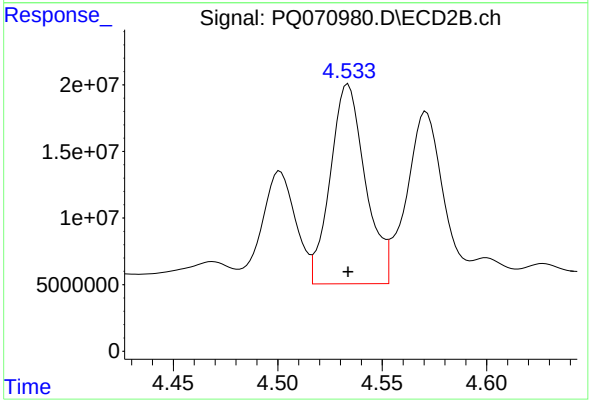
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 107929318
Conc: 943.89 ng/ml




#20 AR-1242-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 63322787
Conc: 867.19 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC1000




#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 175313049
Conc: 999.79 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:53
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:12:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 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... | 3.400 | 2.778 | 343.3E6 | 428.5E6 | 75.493 | 75.838 |
| 2) | SA Decachlor... | 8.496 | 7.534 | 243.3E6 | 411.2E6 | 75.399 | 75.716 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.480 | 3.778 | 90376185 | 120.3E6 | 752.406 | 768.194 |
| 17) | L4 AR-1242-2 | 4.498 | 3.794 | 141.6E6 | 178.3E6 | 755.086 | 753.183 |
| 18) | L4 AR-1242-3 | 4.556 | 3.954 | 87949114 | 98835228 | 755.378 | 765.893 |
| 19) | L4 AR-1242-4 | 4.646 | 4.039 | 73032215 | 85057385 | 760.690 | 745.897 |
| 20) | L4 AR-1242-5 | 5.348 | 4.534 | 50322958 | 147.0E6 | 708.312 | 806.708 |

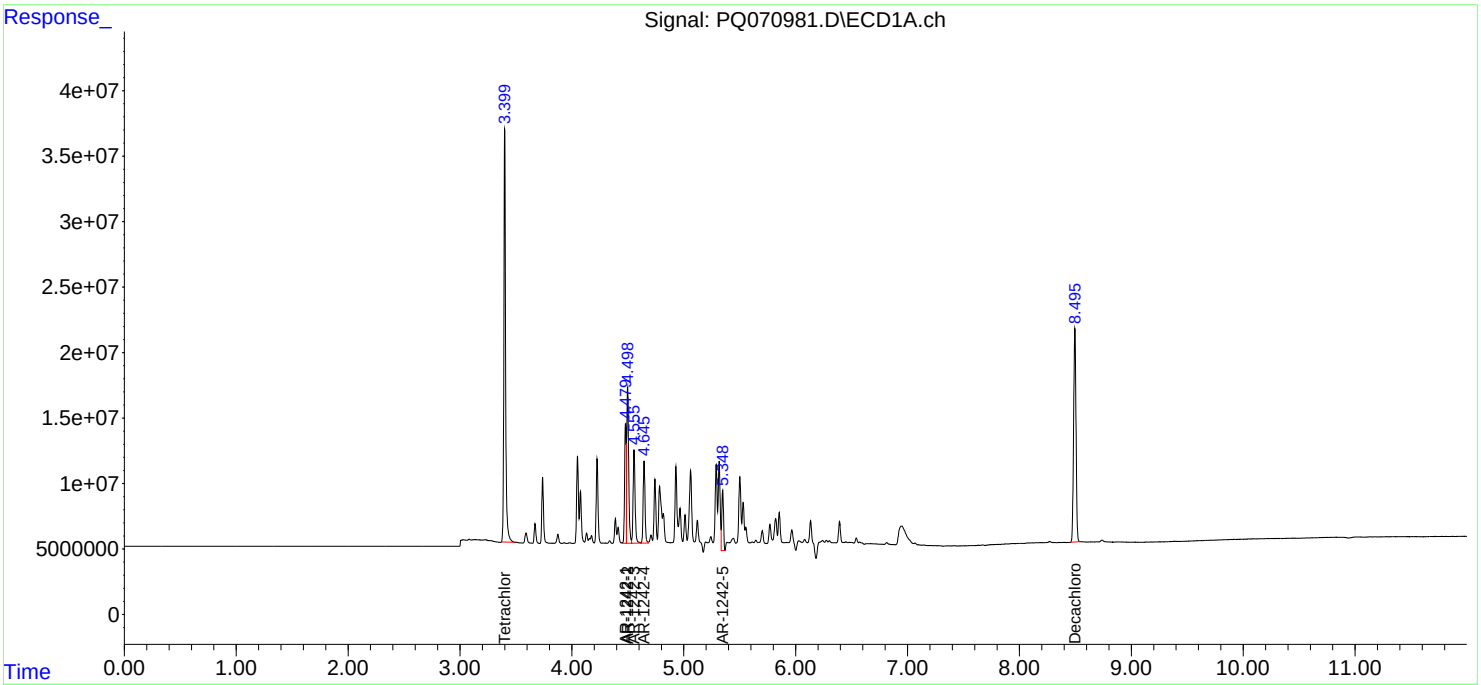
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

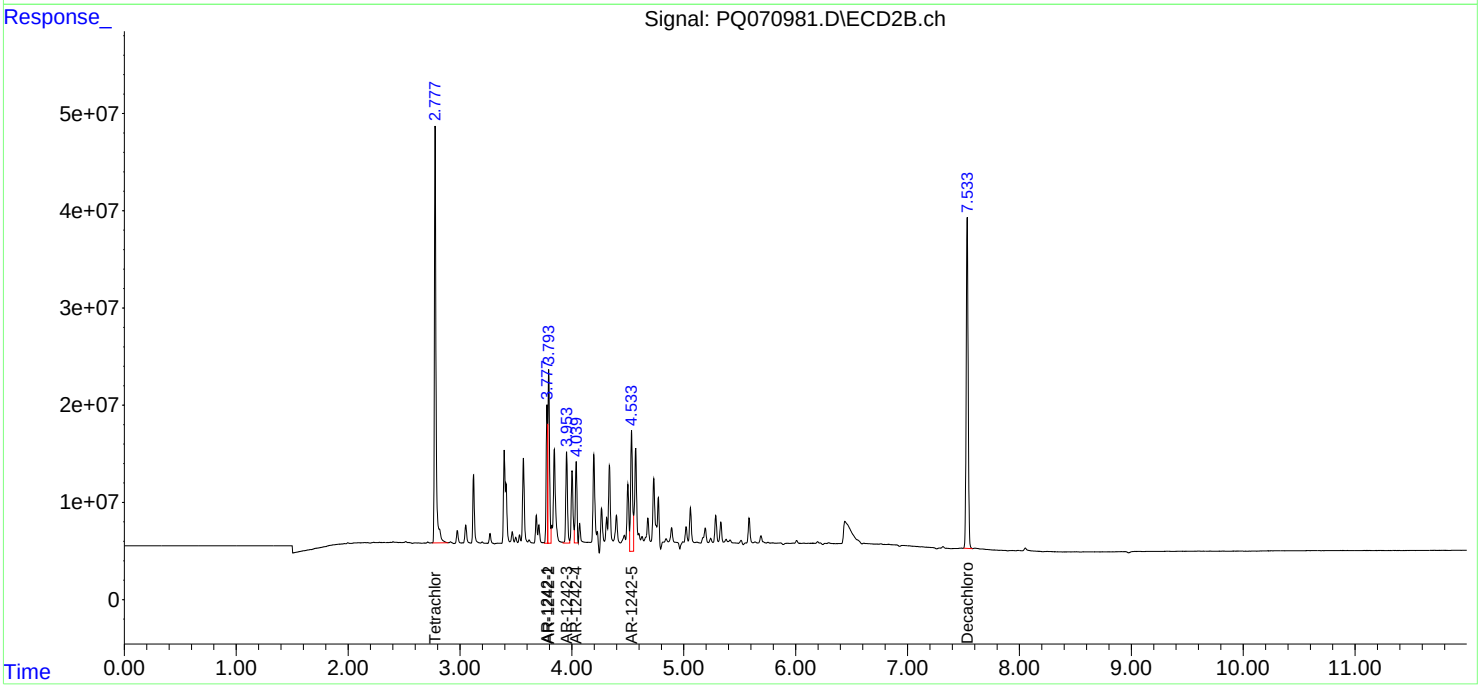
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:53
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

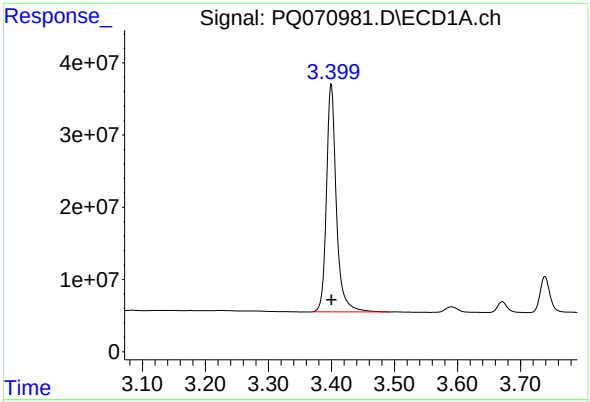
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:12:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 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



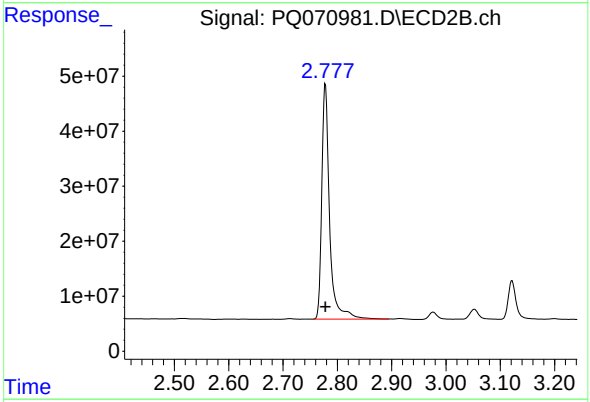






#1 Tetrachloro-m-xylene

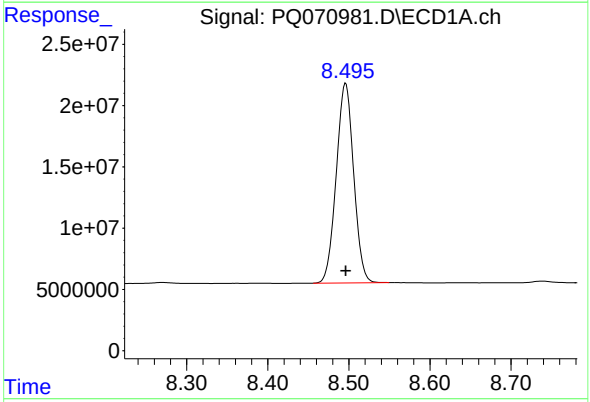
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 343296796
Conc: 75.49 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC750



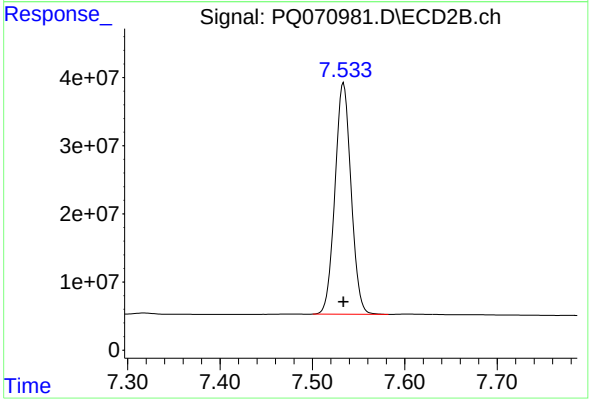

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 428474190
Conc: 75.84 ng/ml



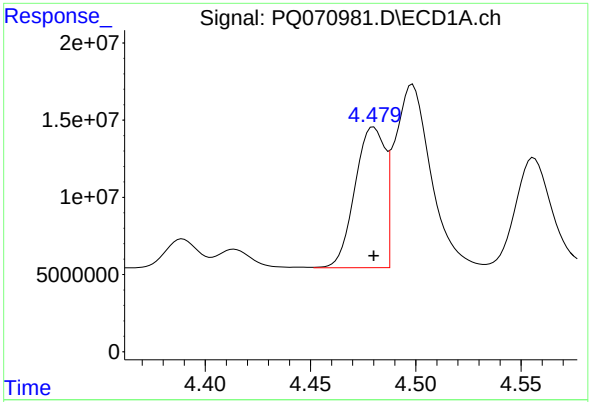

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 243255520
Conc: 75.40 ng/ml




#2 Decachlorobiphenyl

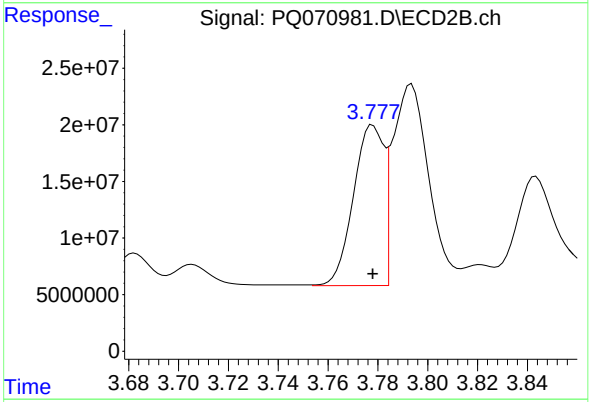
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 411249267
Conc: 75.72 ng/ml




#16 AR-1242-1

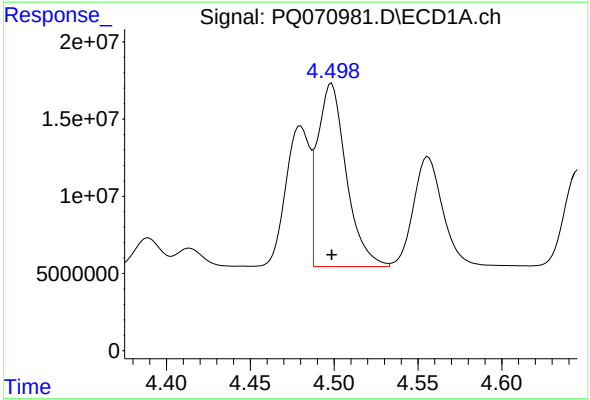
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 90376185
Conc: 752.41 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC750



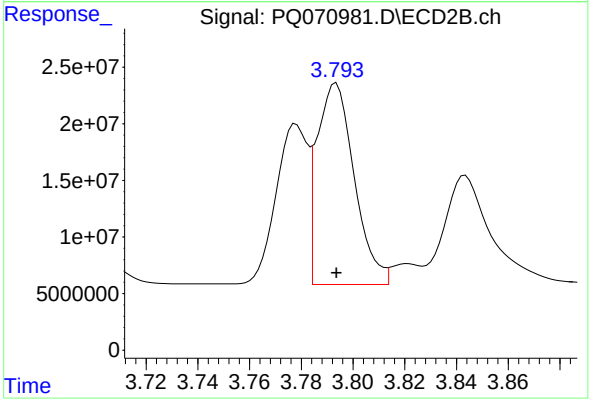

#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 120275140
Conc: 768.19 ng/ml



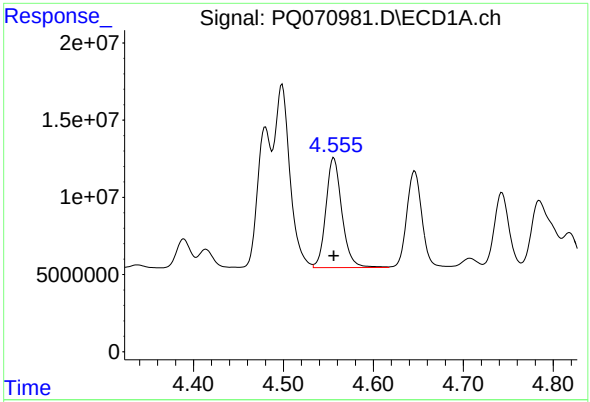

#17 AR-1242-2

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 141571716
Conc: 755.09 ng/ml




#17 AR-1242-2

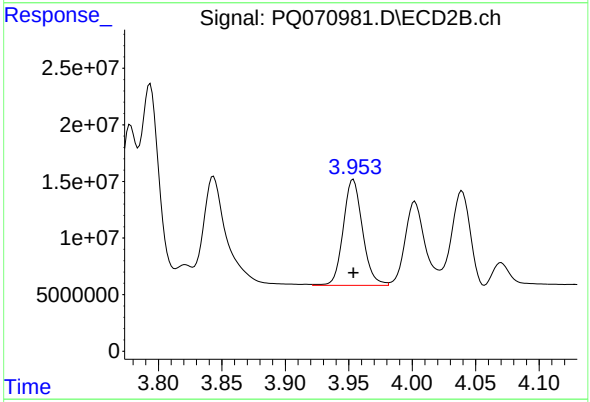
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 178303451
Conc: 753.18 ng/ml




#18 AR-1242-3

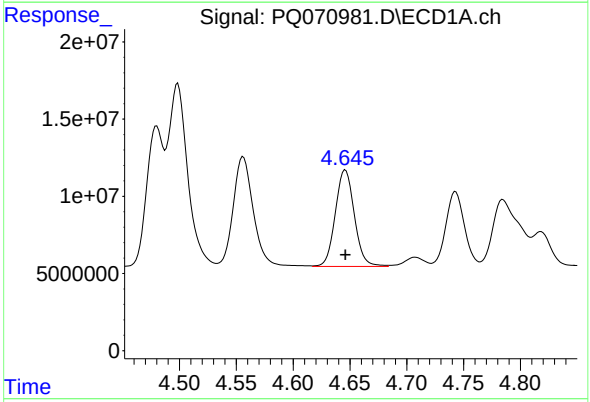
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 87949114
Conc: 755.38 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC750



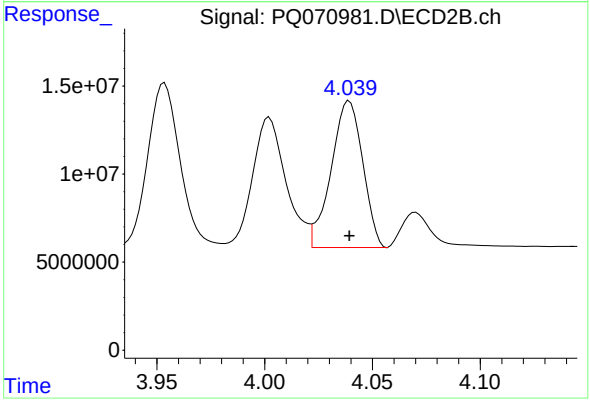

#18 AR-1242-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 98835228
Conc: 765.89 ng/ml



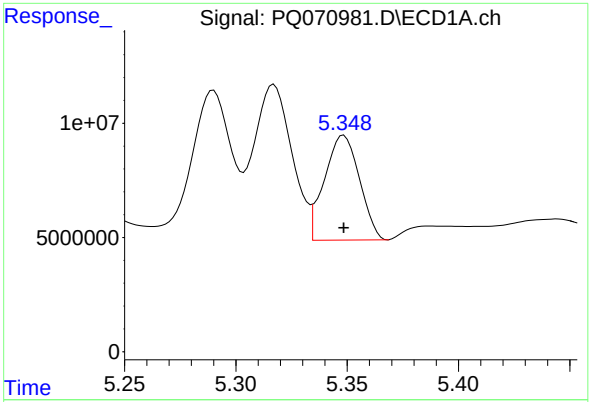

#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 73032215
Conc: 760.69 ng/ml




#19 AR-1242-4

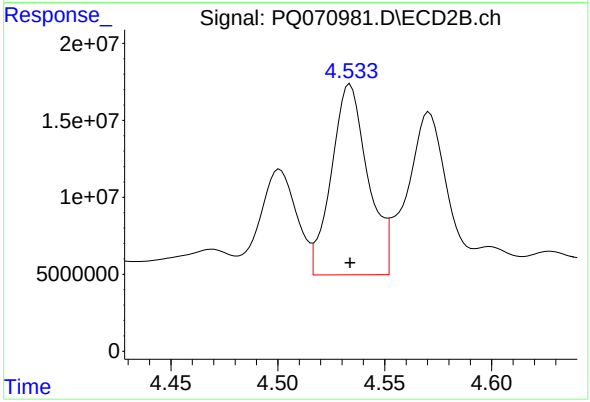
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 85057385
Conc: 745.90 ng/ml




#20 AR-1242-5

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 50322958
Conc: 708.31 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC750




#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 147014260
Conc: 806.71 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:08
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:05:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:05:14 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... | 3.400 | 2.778 | 231.2E6 | 286.3E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.496 | 7.533 | 167.6E6 | 280.8E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.480 | 3.778 | 60958684 | 80109600 | 500.000 | 500.000 |
| 17) | L4 AR-1242-2 | 4.499 | 3.793 | 97235865 | 122.0E6 | 500.000 | 500.000 |
| 18) | L4 AR-1242-3 | 4.556 | 3.954 | 60364163 | 66044686 | 500.000 | 500.000 |
| 19) | L4 AR-1242-4 | 4.646 | 4.040 | 49472392 | 60380961 | 500.000 | 500.000 |
| 20) | L4 AR-1242-5 | 5.351 | 4.534 | 41359410 | 87693684 | 500.000 | 500.000 |

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

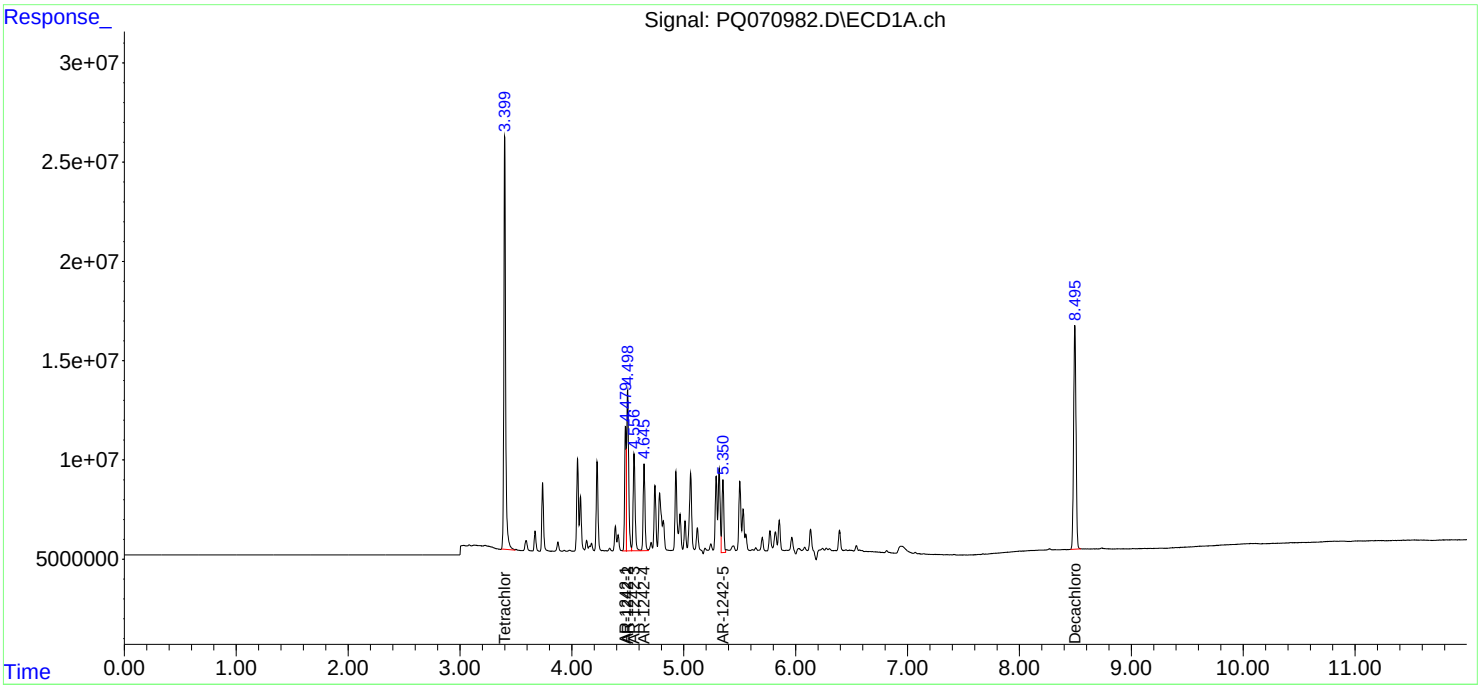
ICAL Form

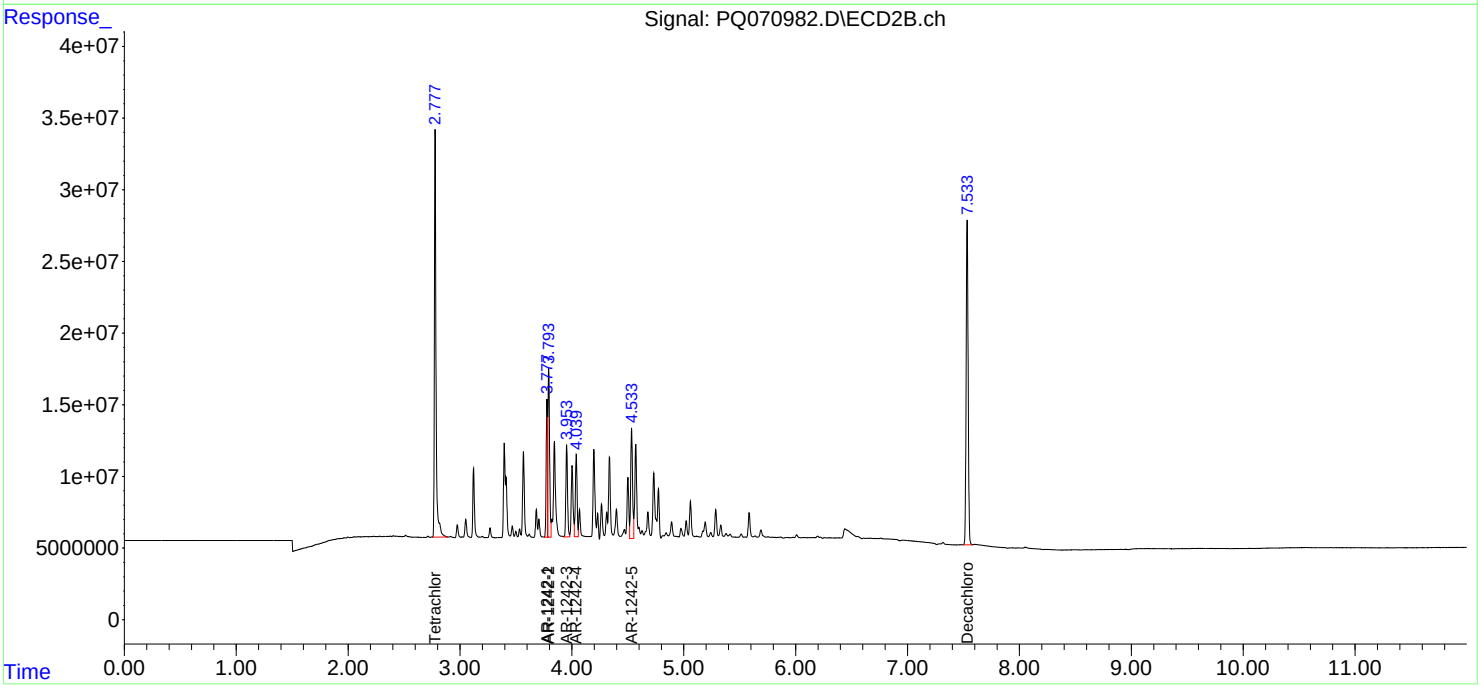
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:08
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

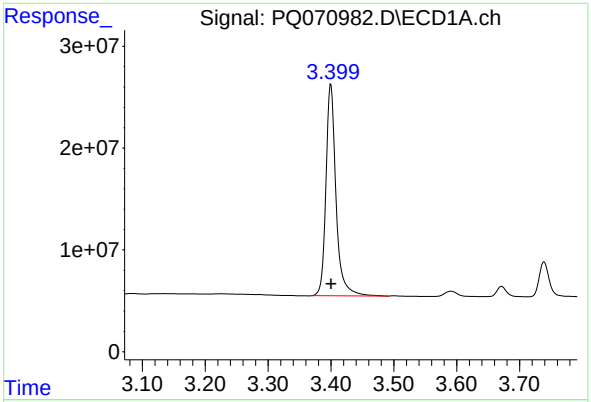
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:05:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:05:14 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



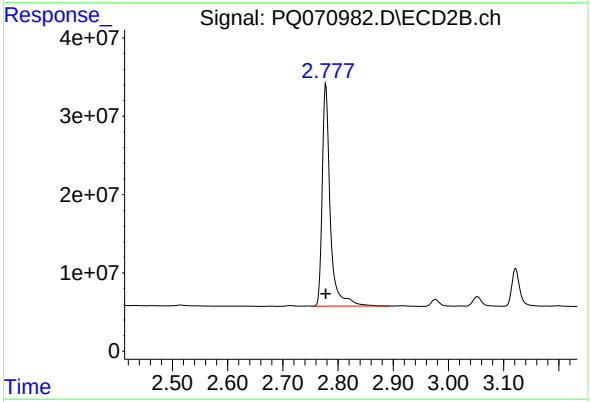






#1 Tetrachloro-m-xylene

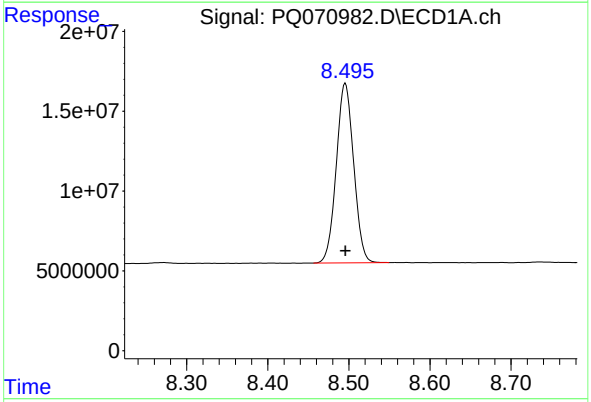
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 231153264
Conc: 50.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC500



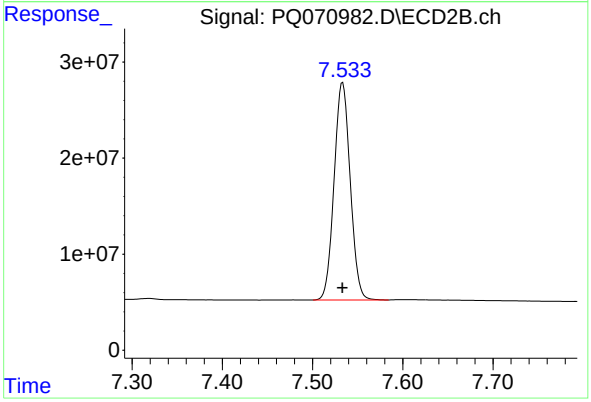

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 286277162
Conc: 50.00 ng/ml



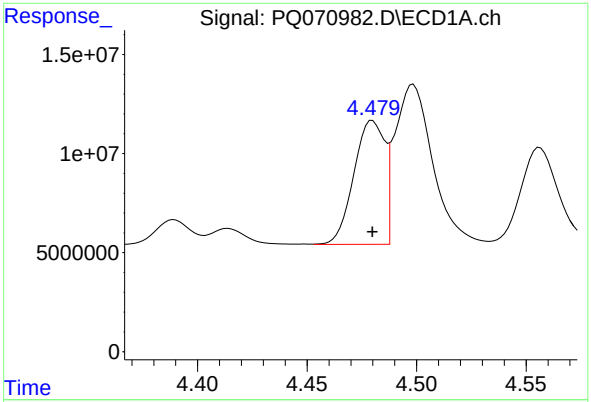

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 167640288
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

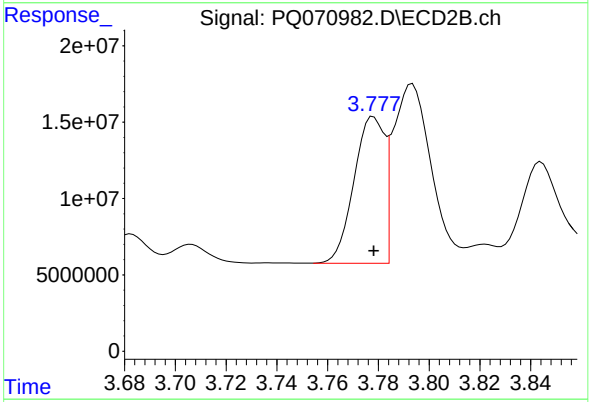
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 280823944
Conc: 50.00 ng/ml




#16 AR-1242-1

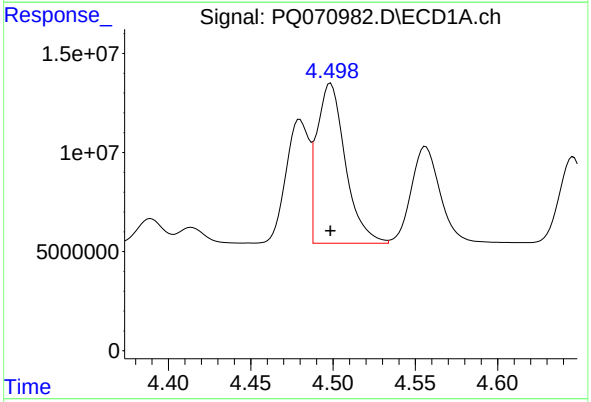
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 60958684
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC500



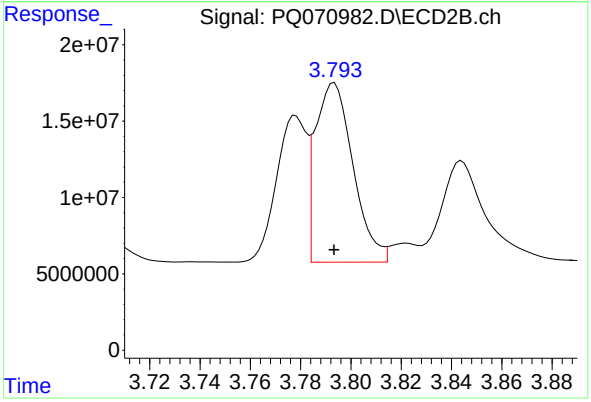

#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 80109600
Conc: 500.00 ng/ml



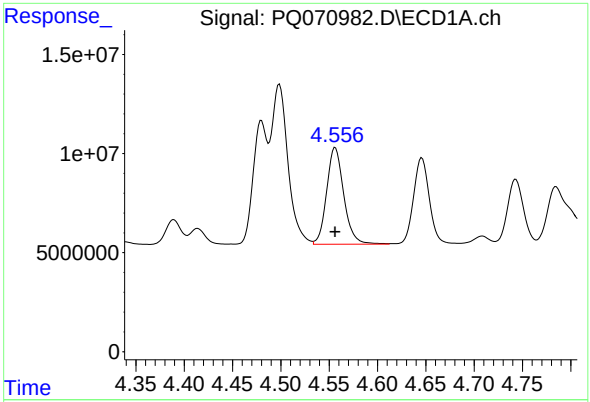

#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 97235865
Conc: 500.00 ng/ml




#17 AR-1242-2

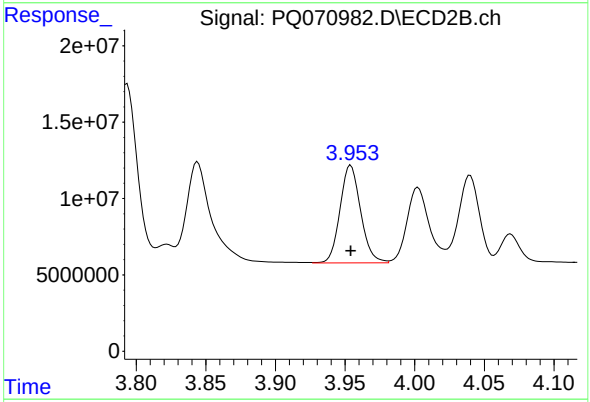
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 122027510
Conc: 500.00 ng/ml




#18 AR-1242-3

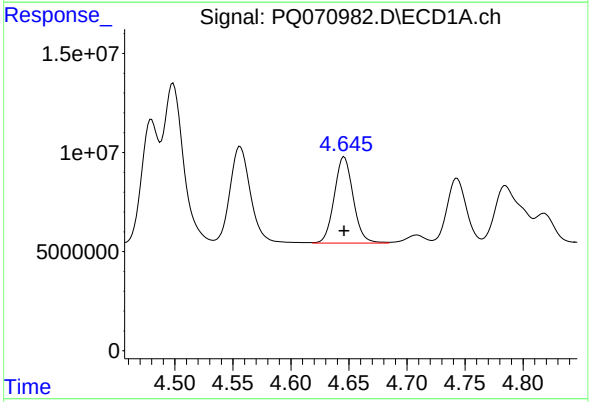
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 60364163
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC500



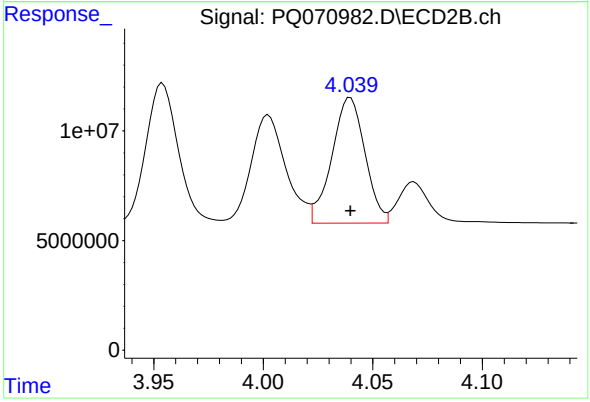

#18 AR-1242-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 66044686
Conc: 500.00 ng/ml



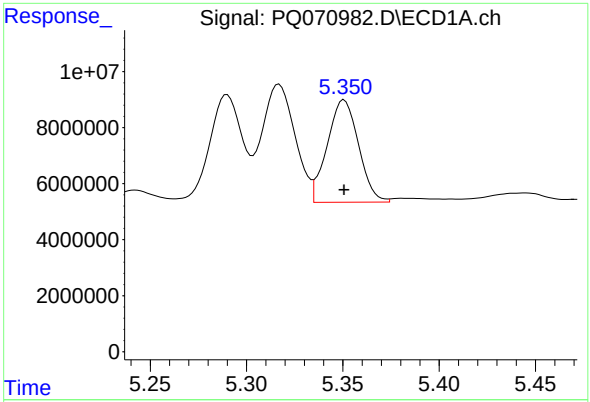

#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 49472392
Conc: 500.00 ng/ml




#19 AR-1242-4

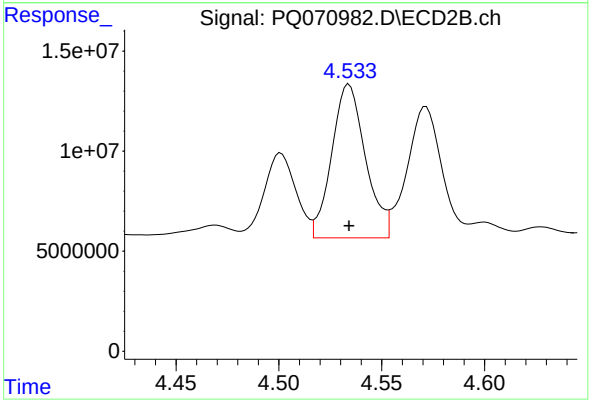
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 60380961
Conc: 500.00 ng/ml




#20 AR-1242-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 41359410
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC500




#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 87693684
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070983.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:22
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:15:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 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... | 3.401 | 2.778 | 115.1E6 | 136.2E6 | 25.240 | 24.319 |
| 2) | SA Decachlor... | 8.497 | 7.534 | 83994234 | 142.5E6 | 25.768 | 25.912 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.481 | 3.778 | 31044472 | 41346745 | 256.287 | 260.414 |
| 17) | L4 AR-1242-2 | 4.499 | 3.794 | 49429930 | 62193156 | 260.092 | 259.416 |
| 18) | L4 AR-1242-3 | 4.557 | 3.954 | 30938677 | 33857327 | 261.612 | 259.162 |
| 19) | L4 AR-1242-4 | 4.647 | 4.040 | 25299238 | 32086157 | 259.999 | 272.815 |
| 20) | L4 AR-1242-5 | 5.352 | 4.534 | 25666453 | 41818817 | 325.093 | 234.281 # |

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

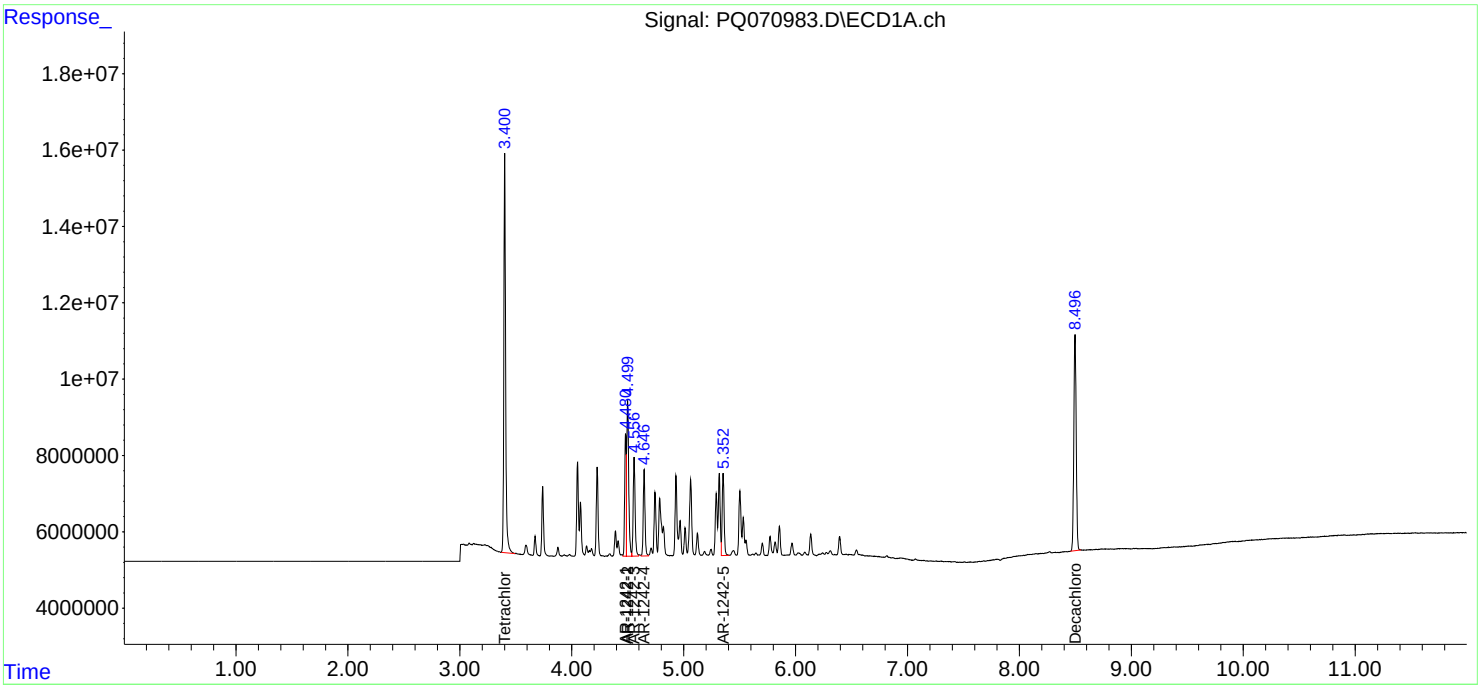
ICAL Form

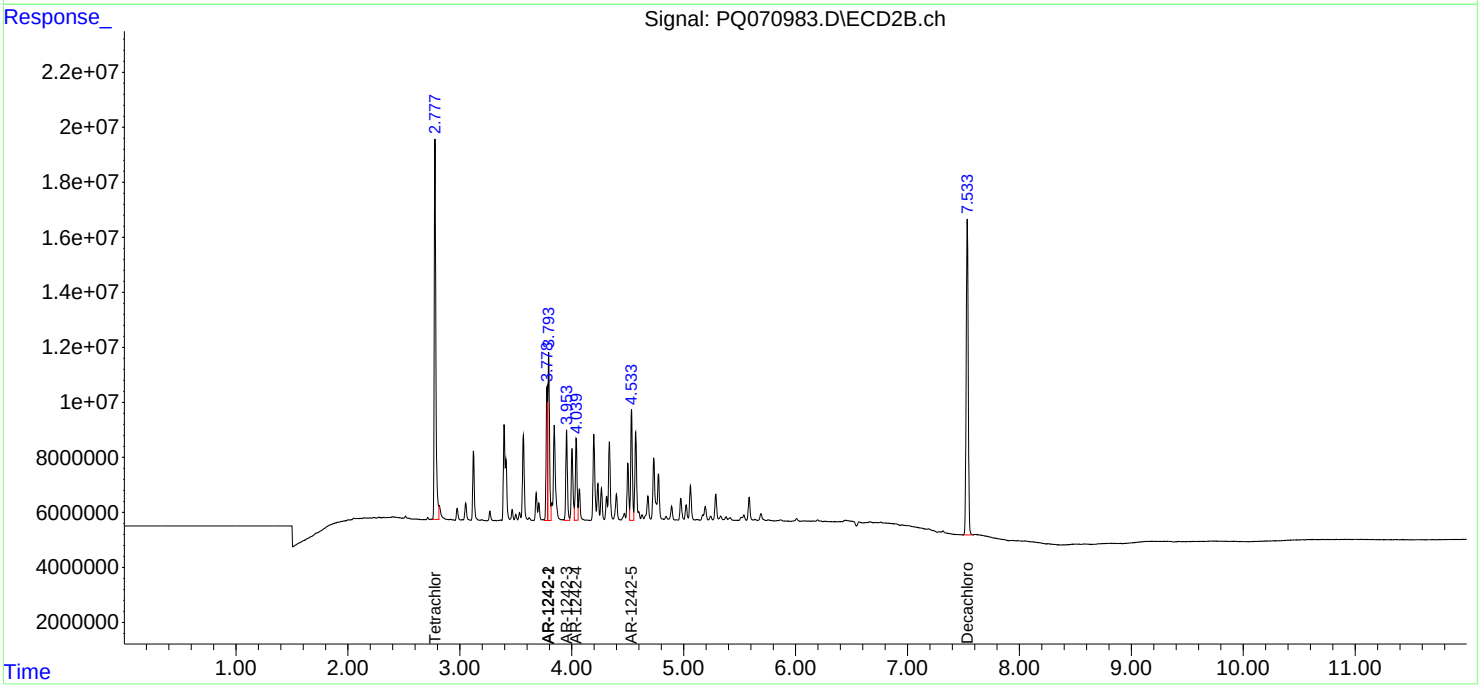
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070983.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:22
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

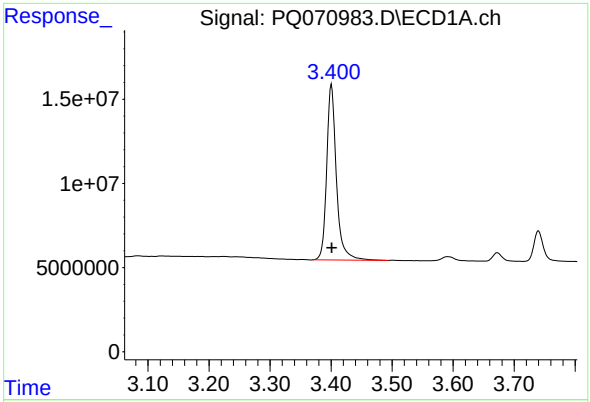
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:15:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 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



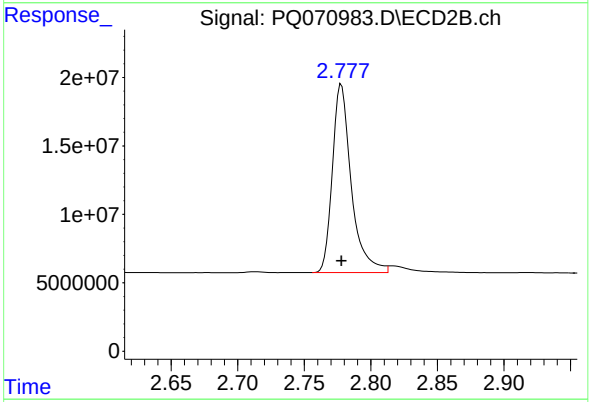






#1 Tetrachloro-m-xylene

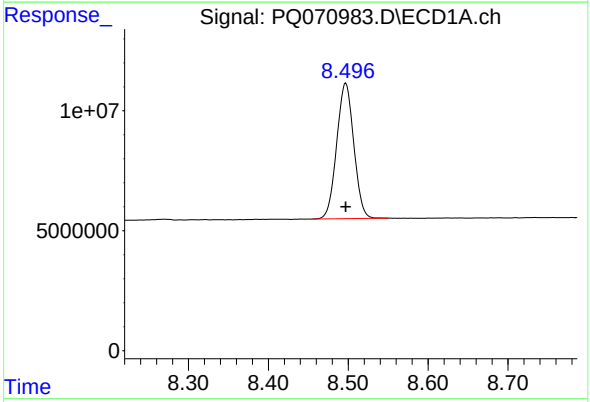
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 115146396
Conc: 25.24 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC250



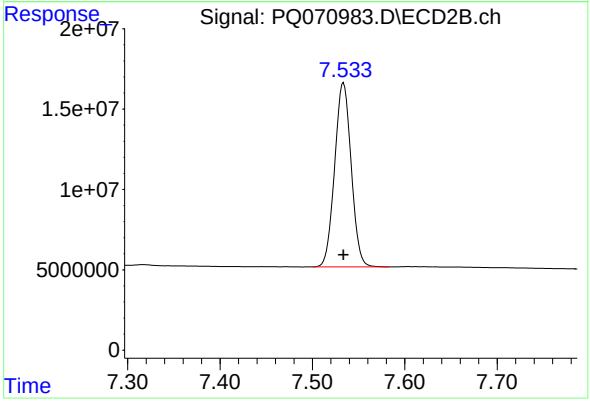

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 136161324
Conc: 24.32 ng/ml



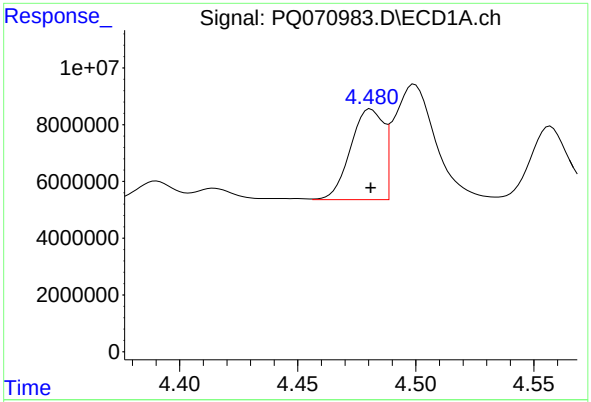

#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 83994234
Conc: 25.77 ng/ml




#2 Decachlorobiphenyl

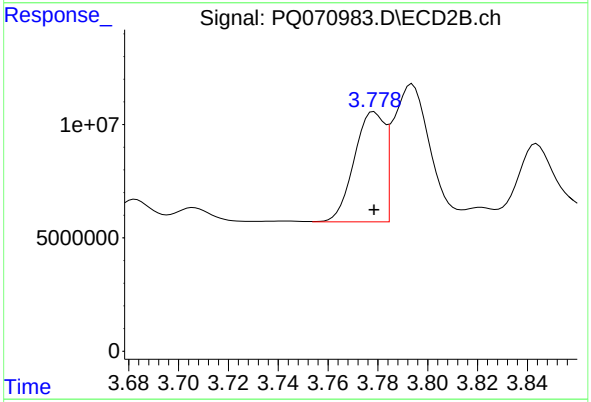
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 142468913
Conc: 25.91 ng/ml




#16 AR-1242-1

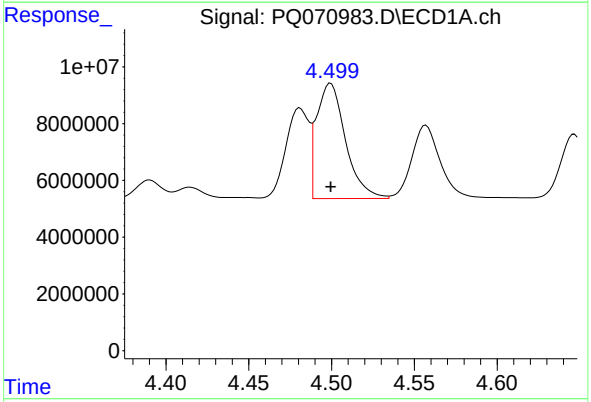
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 31044472
Conc: 256.29 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC250



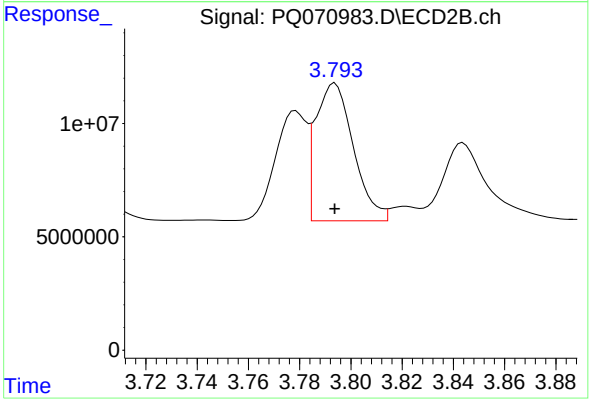

#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 41346745
Conc: 260.41 ng/ml



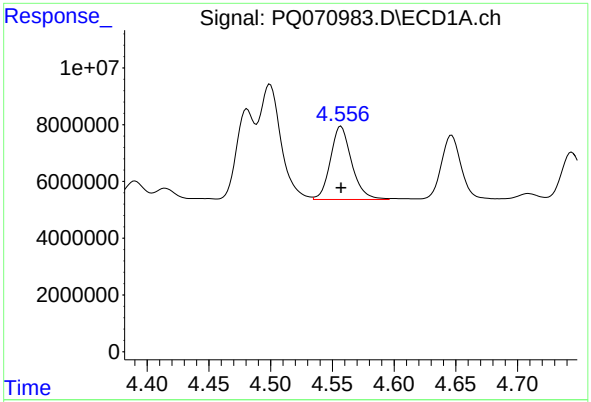

#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 49429930
Conc: 260.09 ng/ml




#17 AR-1242-2

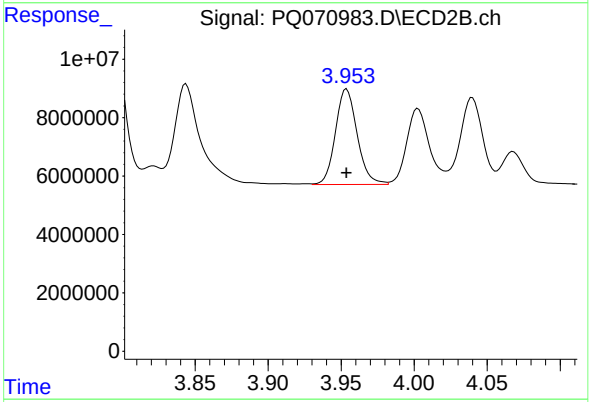
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 62193156
Conc: 259.42 ng/ml




#18 AR-1242-3

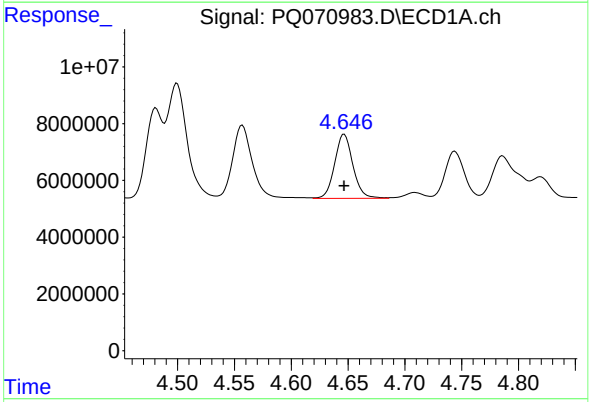
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 30938677
Conc: 261.61 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC250



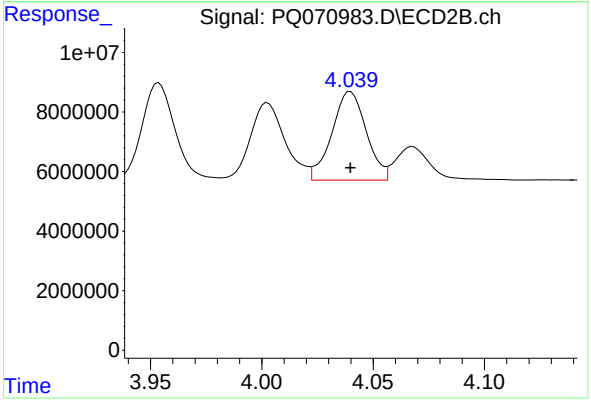

#18 AR-1242-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 33857327
Conc: 259.16 ng/ml



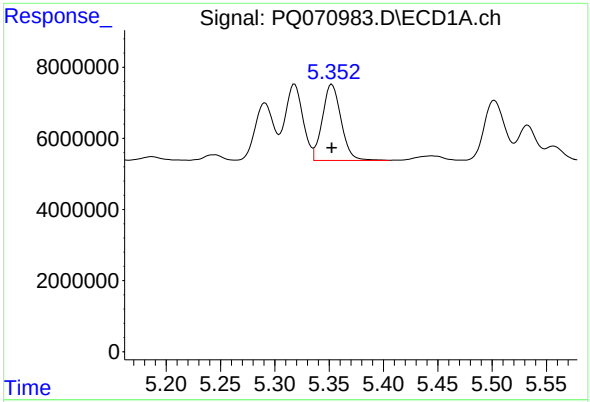

#19 AR-1242-4

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 25299238
Conc: 260.00 ng/ml




#19 AR-1242-4

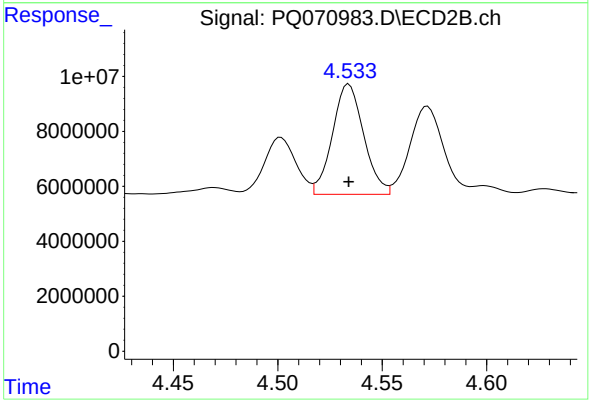
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 32086157
Conc: 272.81 ng/ml




#20 AR-1242-5

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 25666453
Conc: 325.09 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC250




#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 41818817
Conc: 234.28 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:37
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:20:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 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... | 3.400 | 2.778 | 23512581 | 27180813 | 5.122 | 4.883 |
| 2) | SA Decachlor... | 8.496 | 7.534 | 16433954 | 30524389 | 5.033 | 5.432 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.481 | 3.777 | 5511662 | 8960987 | 46.335 | 57.042m |
| 17) | L4 AR-1242-2 | 4.499 | 3.793 | 9668594 | 12395166 | 50.697 | 51.291m |
| 18) | L4 AR-1242-3 | 4.556 | 3.953 | 6071735 | 6826795 | 51.068 | 51.803m |
| 19) | L4 AR-1242-4 | 4.646 | 4.039 | 5427928 | 5120094 | 54.521 | 44.579m |
| 20) | L4 AR-1242-5 | 5.317 | 4.534 | 3890240 | 7835249 | 49.488m | 45.137m |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:37
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

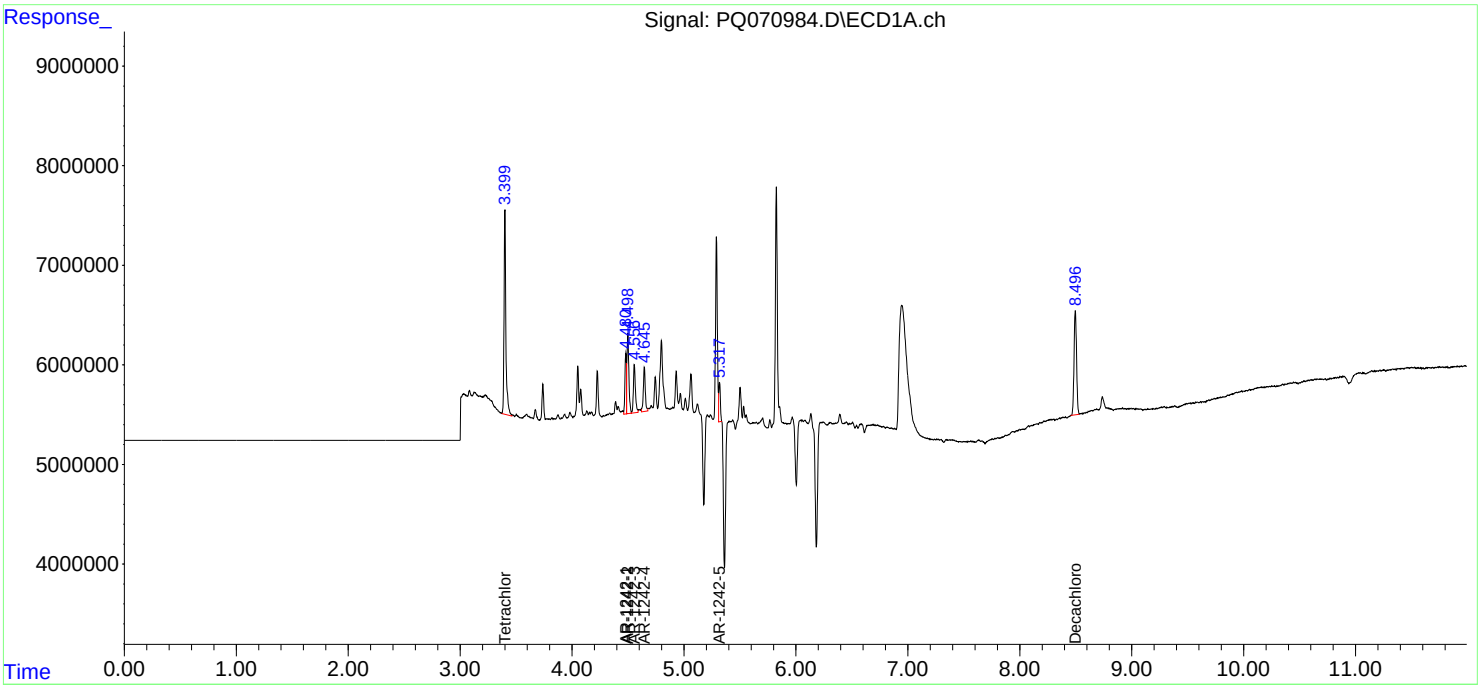
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC050

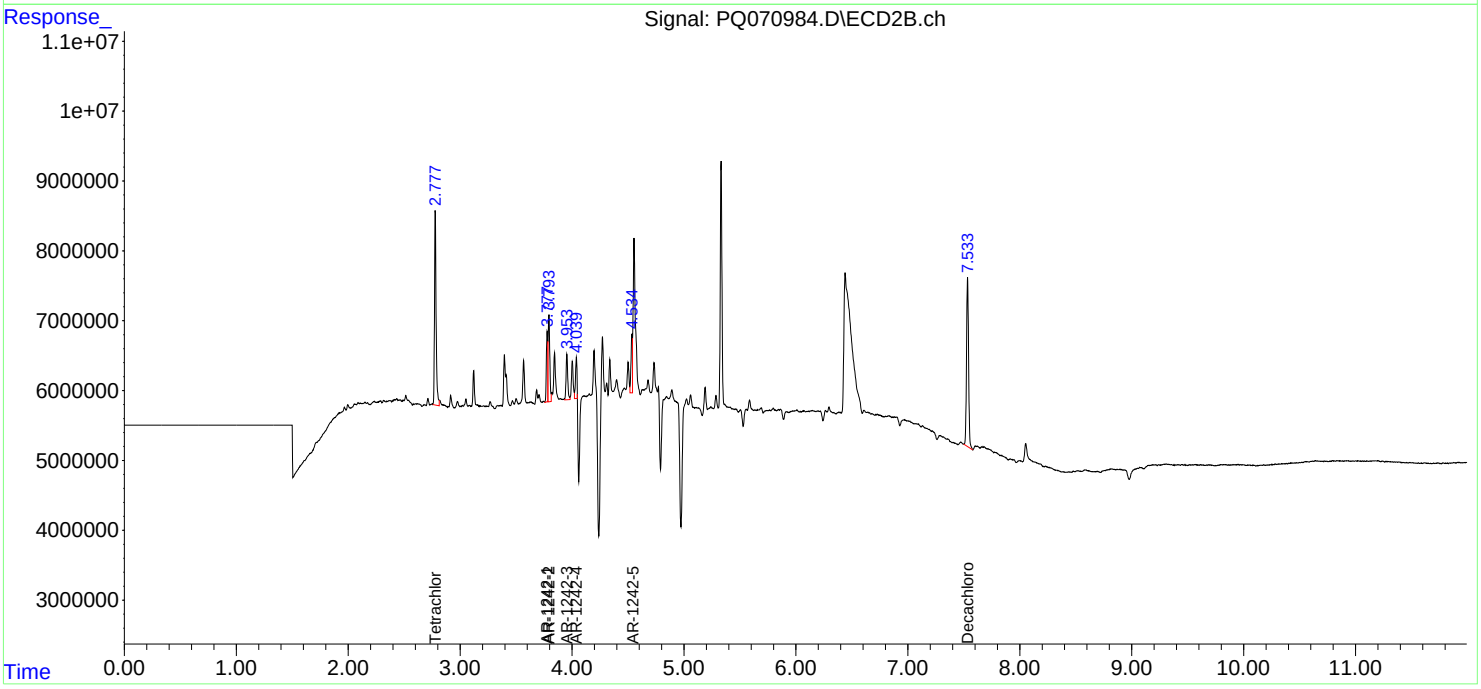
**Manual Integrations APPROVED**

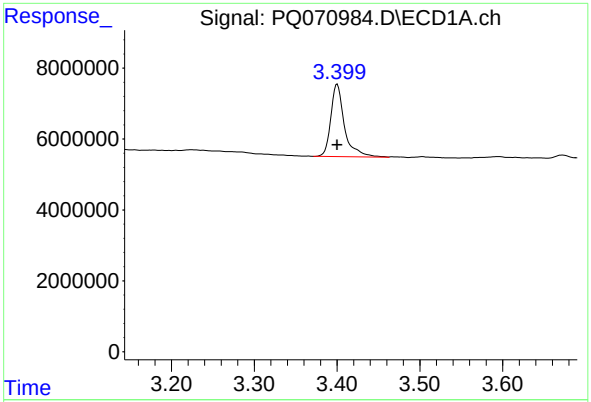
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:20:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 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





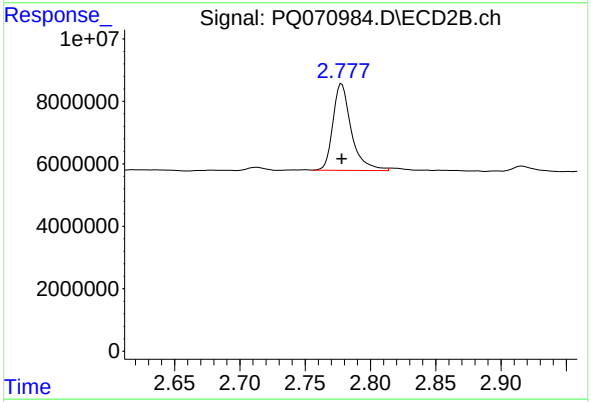

#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 23512581
Conc: 5.12 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC050

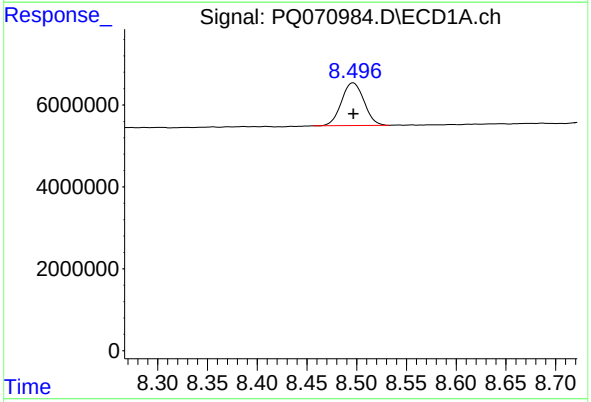
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



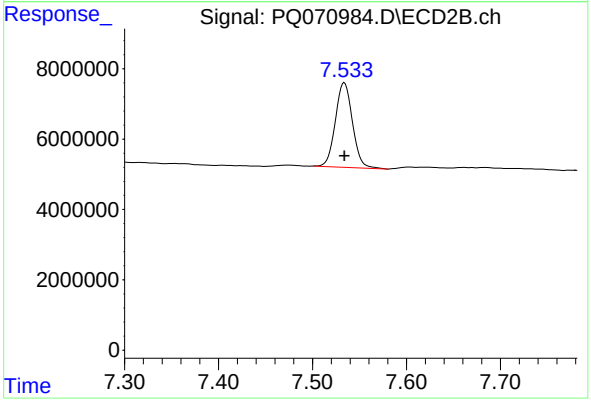

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 27180813
Conc: 4.88 ng/ml



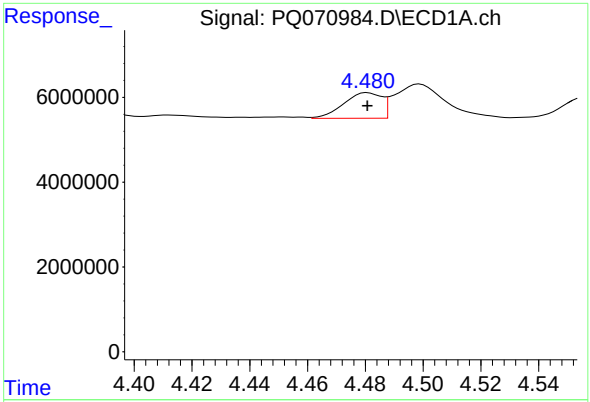

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 16433954
Conc: 5.03 ng/ml




#2 Decachlorobiphenyl

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 30524389
Conc: 5.43 ng/ml



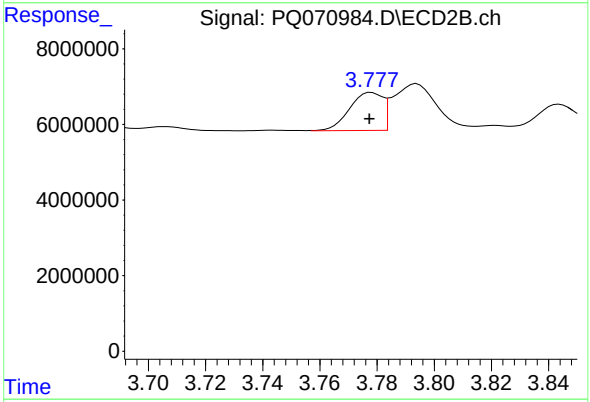

#16 AR-1242-1

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 5511662
Conc: 46.34 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC050

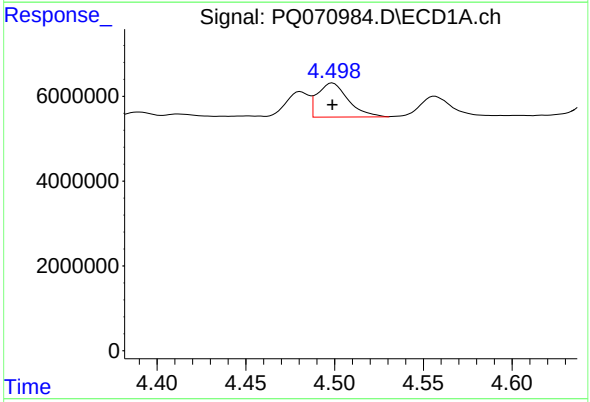
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



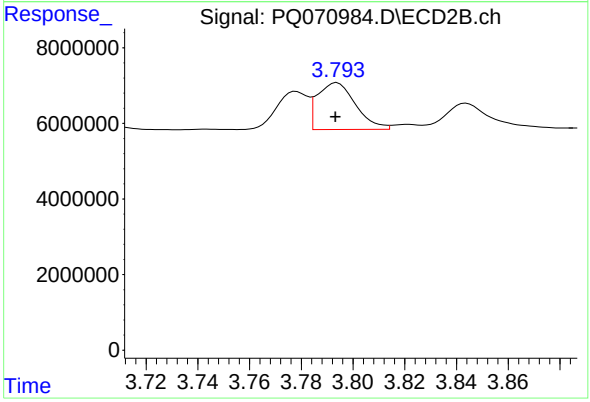

#16 AR-1242-1

R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 8960987
Conc: 57.04 ng/ml m



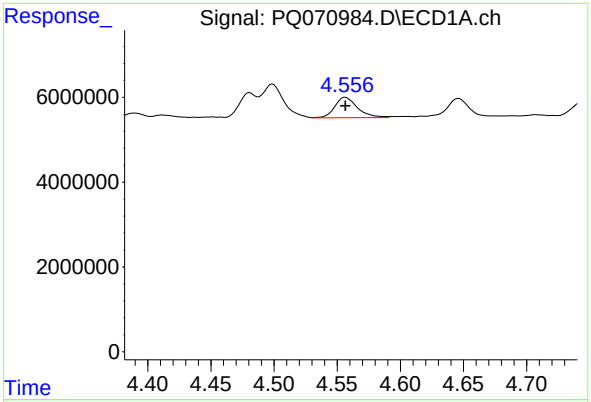

#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 9668594
Conc: 50.70 ng/ml




#17 AR-1242-2

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 12395166
Conc: 51.29 ng/ml m



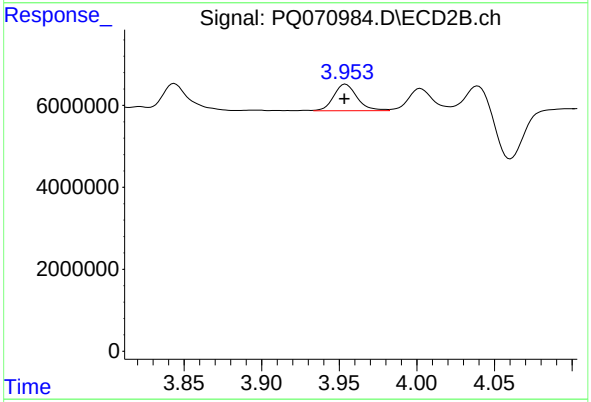

#18 AR-1242-3

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 6071735
Conc: 51.07 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC050

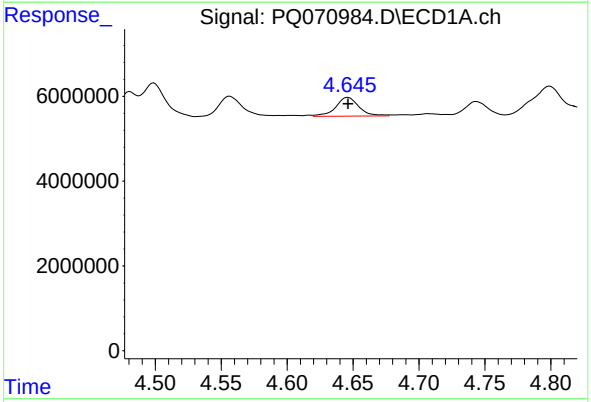
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



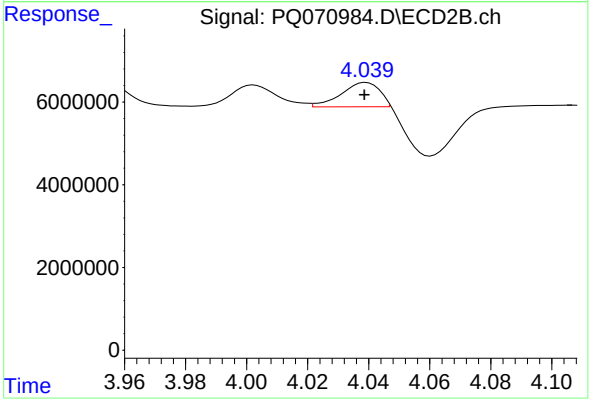

#18 AR-1242-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 6826795
Conc: 51.80 ng/ml m



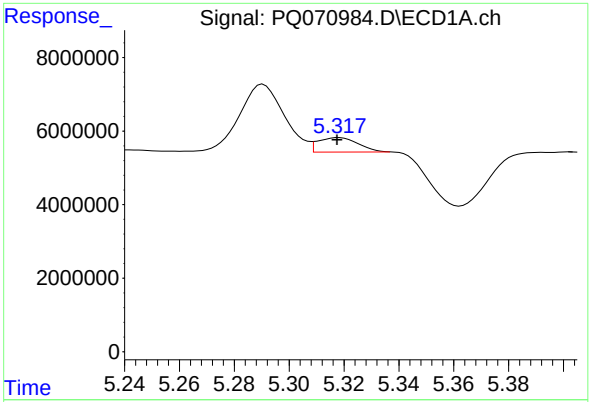

#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 5427928
Conc: 54.52 ng/ml




#19 AR-1242-4

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 5120094
Conc: 44.58 ng/ml m



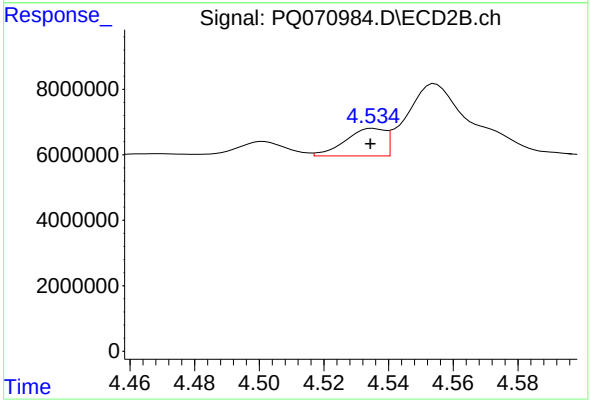

#20 AR-1242-5

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 3890240
Conc: 49.49 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1242ICC050

**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025




#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 7835249
Conc: 45.14 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:51
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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... | 3.400 | 2.778 | 454.7E6 | 549.9E6 | 97.923 | 98.007 |
| 2) | SA Decachlor... | 8.496 | 7.534 | 317.7E6 | 535.7E6 | 96.574 | 96.631 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.480 | 3.778 | 89951061 | 118.1E6 | 950.710 | 962.148 |
| 22) | L5 AR-1248-2 | 4.743 | 4.002 | 126.8E6 | 173.0E6 | 954.654 | 954.823 |
| 23) | L5 AR-1248-3 | 4.930 | 4.039 | 153.0E6 | 167.6E6 | 958.744 | 969.281 |
| 24) | L5 AR-1248-4 | 5.318 | 4.197 | 167.1E6 | 207.4E6 | 954.987 | 947.004 |
| 25) | L5 AR-1248-5 | 5.353 | 4.572 | 163.7E6 | 211.1E6 | 1106.316 | 928.819 |

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

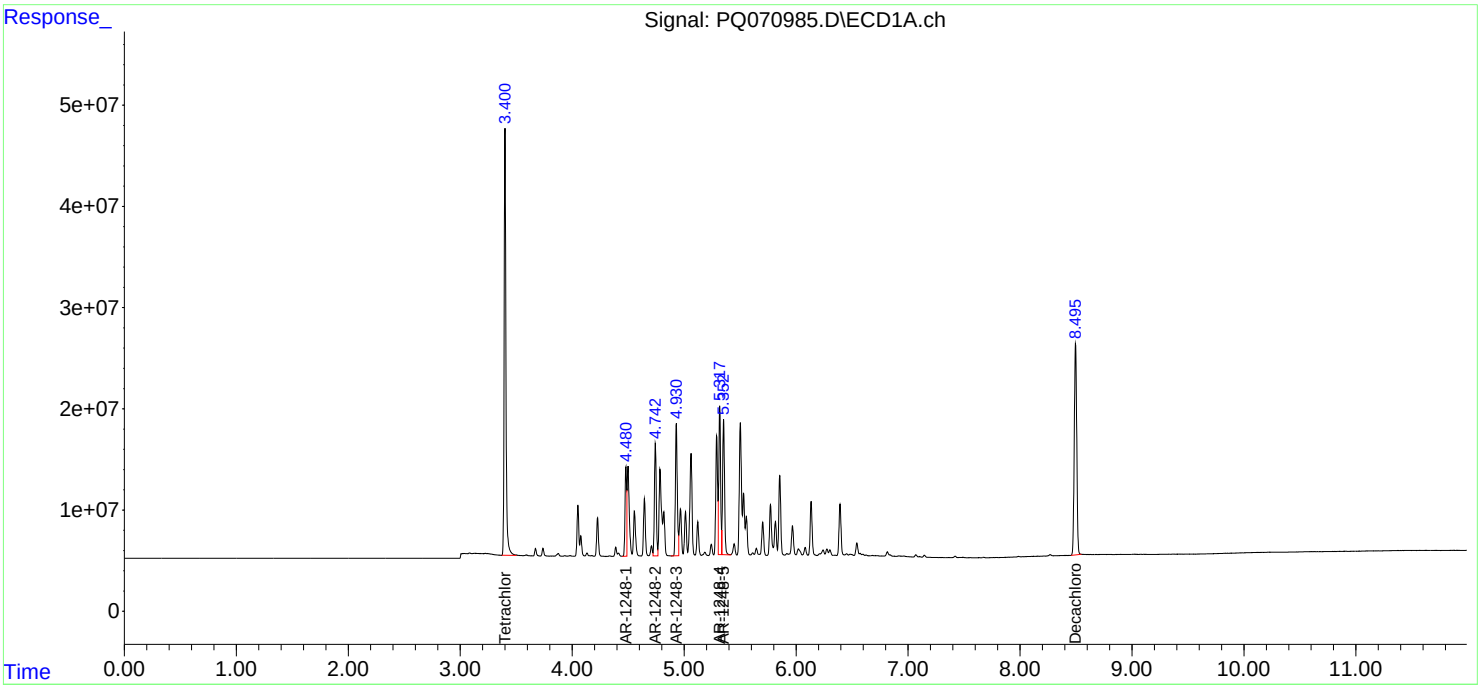
ICAL Form

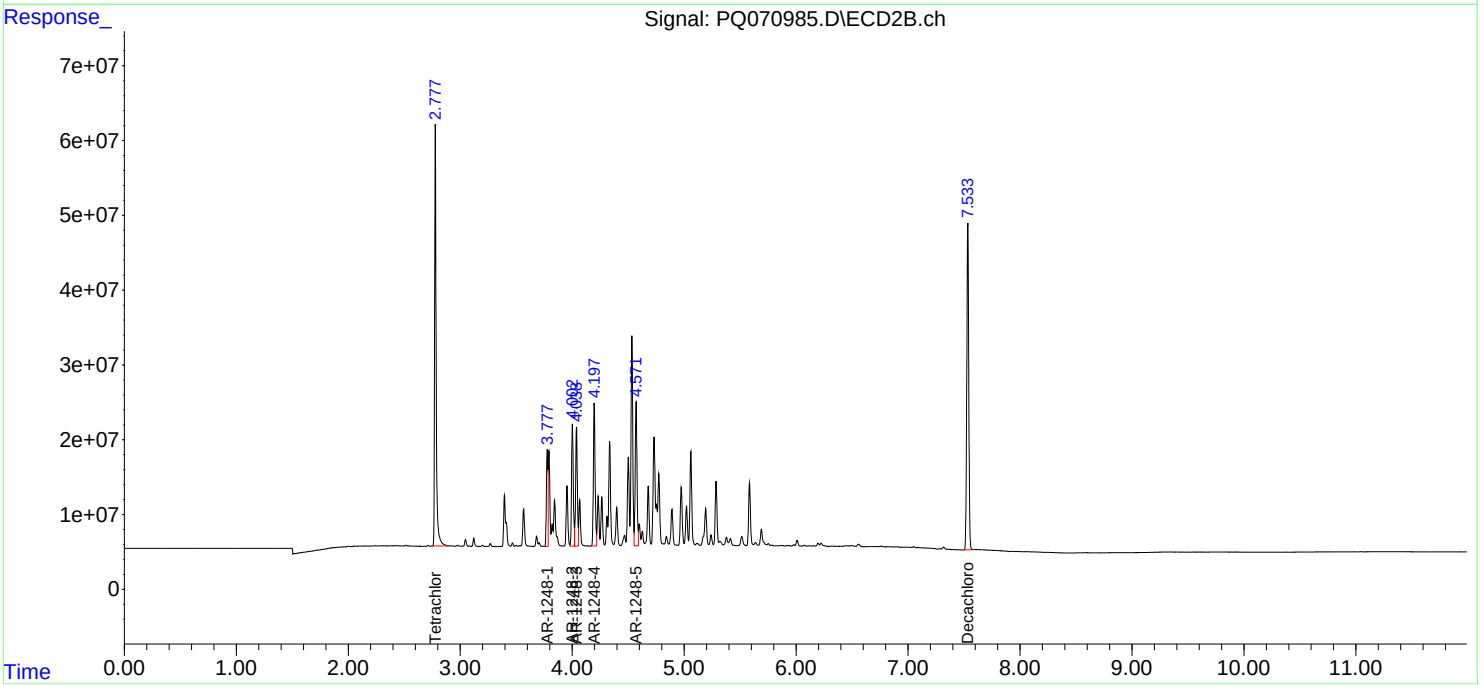
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:51
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

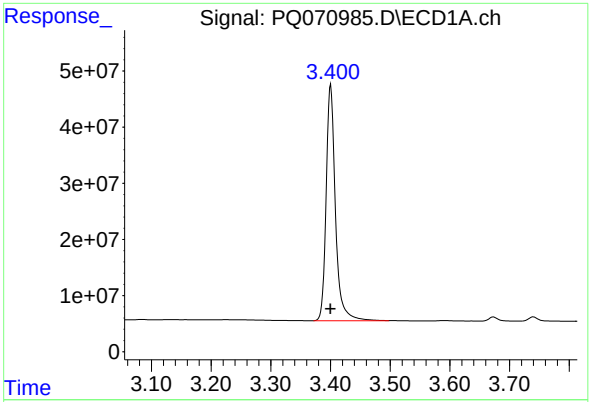
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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



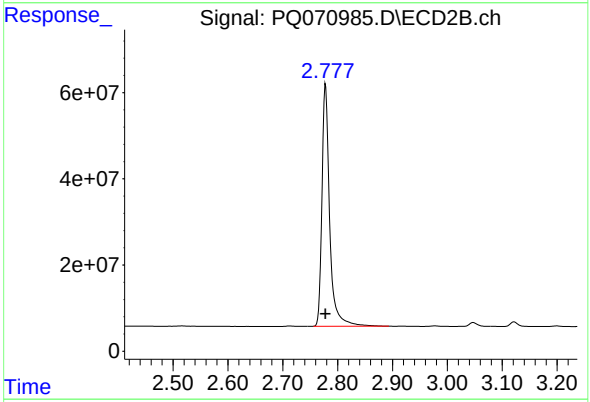






#1 Tetrachloro-m-xylene

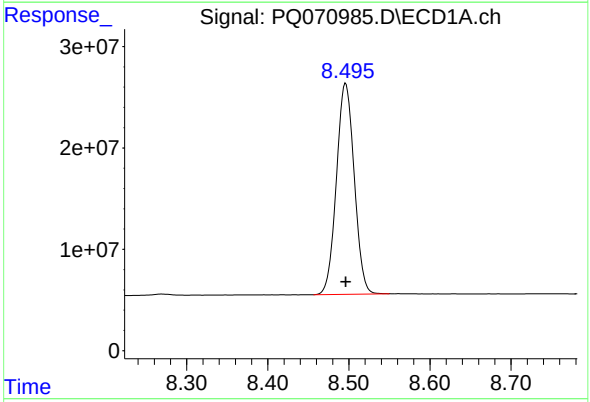
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 454650898
Conc: 97.92 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC1000



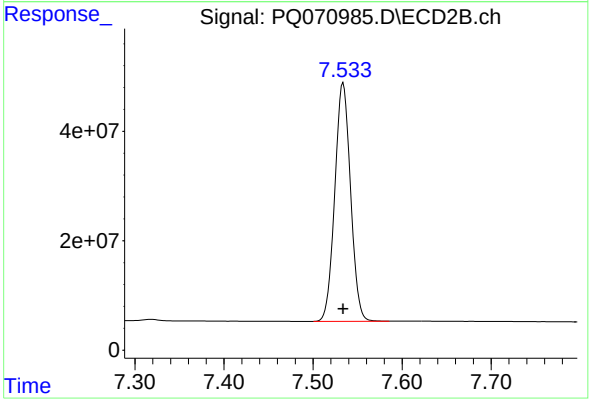

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 549926827
Conc: 98.01 ng/ml



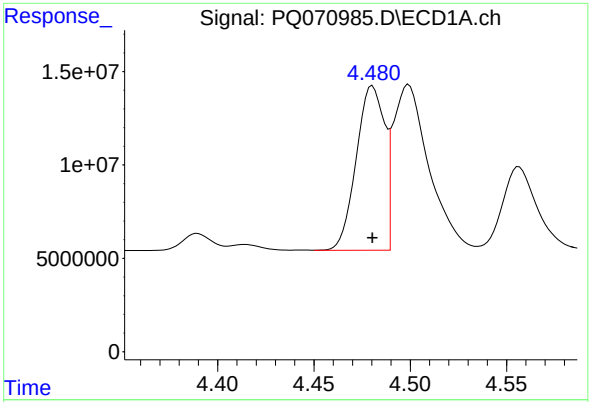

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 317734844
Conc: 96.57 ng/ml




#2 Decachlorobiphenyl

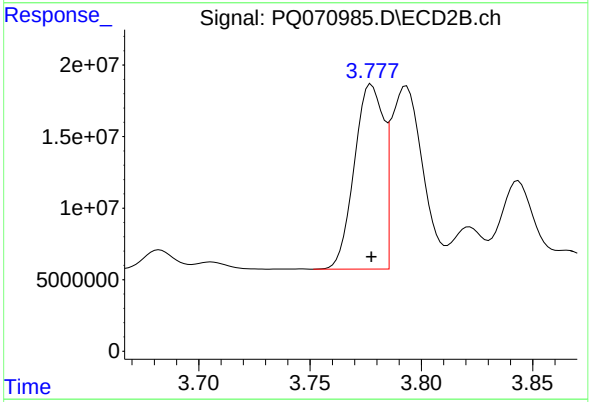
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 535728433
Conc: 96.63 ng/ml




#21 AR-1248-1

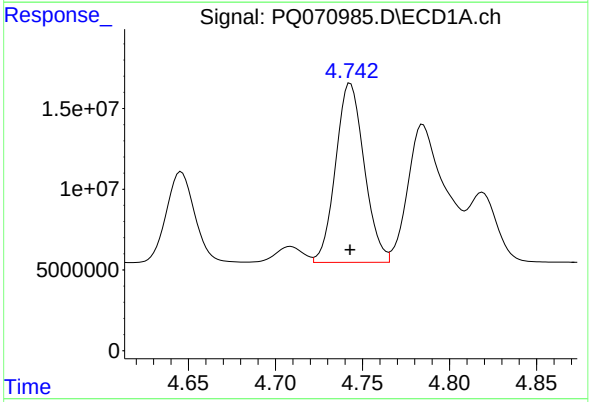
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 89951061
Conc: 950.71 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC1000



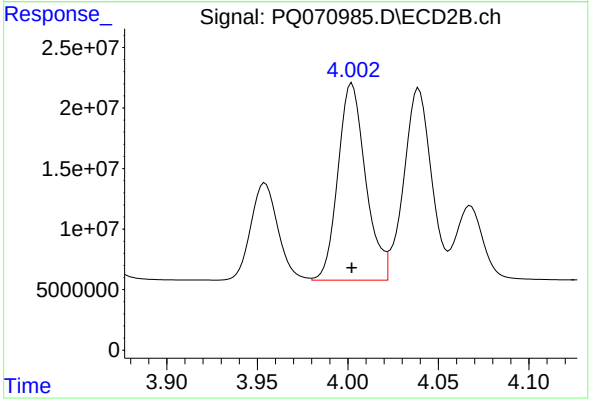

#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 118147108
Conc: 962.15 ng/ml



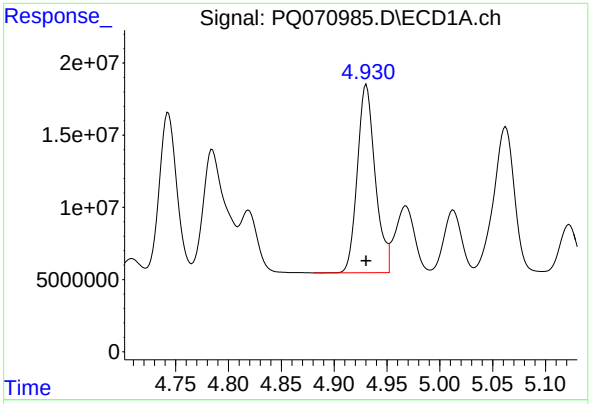

#22 AR-1248-2

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 126849870
Conc: 954.65 ng/ml




#22 AR-1248-2

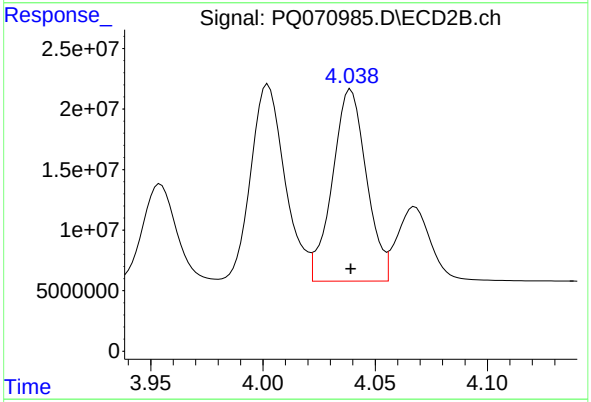
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 172958749
Conc: 954.82 ng/ml




#23 AR-1248-3

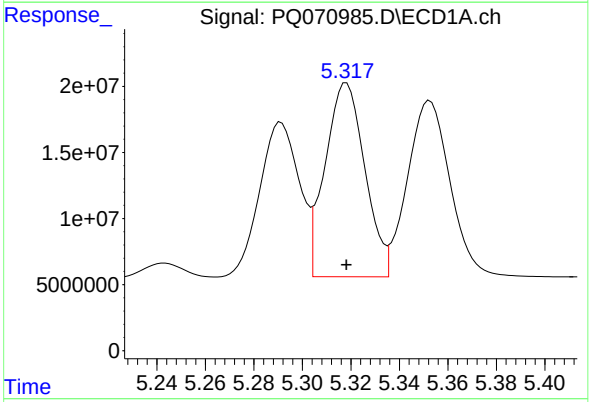
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 152980867
Conc: 958.74 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC1000



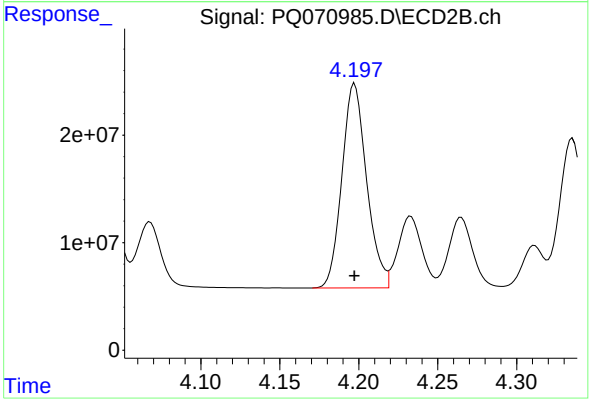

#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 167593672
Conc: 969.28 ng/ml



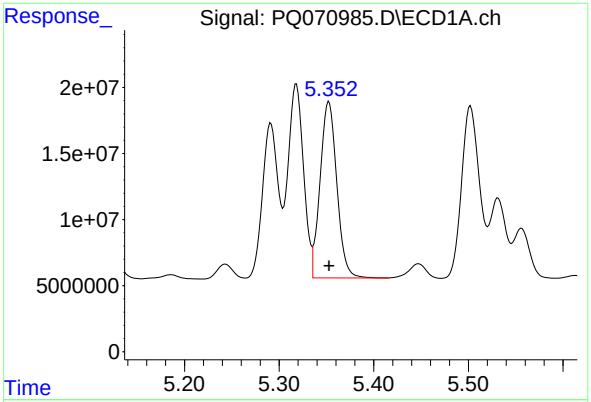

#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 167077290
Conc: 954.99 ng/ml




#24 AR-1248-4

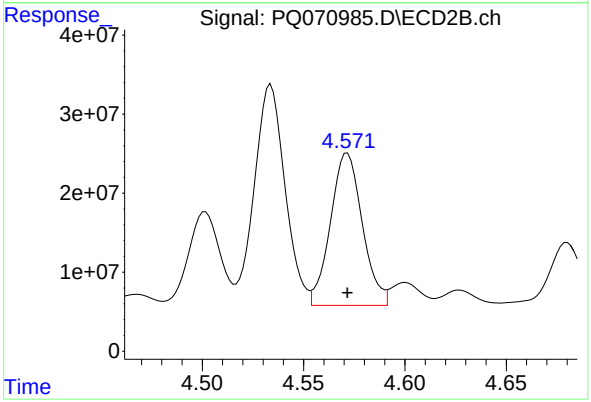
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 207432918
Conc: 947.00 ng/ml




#25 AR-1248-5

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 163667698
Conc: 1106.32 ng/m

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC1000




#25 AR-1248-5

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 211078475
Conc: 928.82 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:06
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:46:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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... | 3.400 | 2.778 | 344.9E6 | 417.8E6 | 74.527 | 74.644 |
| 2) | SA Decachlor... | 8.495 | 7.533 | 243.6E6 | 409.6E6 | 74.366 | 74.245 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.480 | 3.777 | 69602185 | 90481437 | 740.364 | 741.181 |
| 22) | L5 AR-1248-2 | 4.744 | 4.002 | 98823740 | 133.3E6 | 745.811 | 740.453 |
| 23) | L5 AR-1248-3 | 4.931 | 4.039 | 118.2E6 | 129.7E6 | 743.646 | 750.086 |
| 24) | L5 AR-1248-4 | 5.318 | 4.197 | 129.8E6 | 160.6E6 | 744.762 | 738.847 |
| 25) | L5 AR-1248-5 | 5.352 | 4.571 | 126.1E6 | 162.5E6 | 815.290 | 726.458 |

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

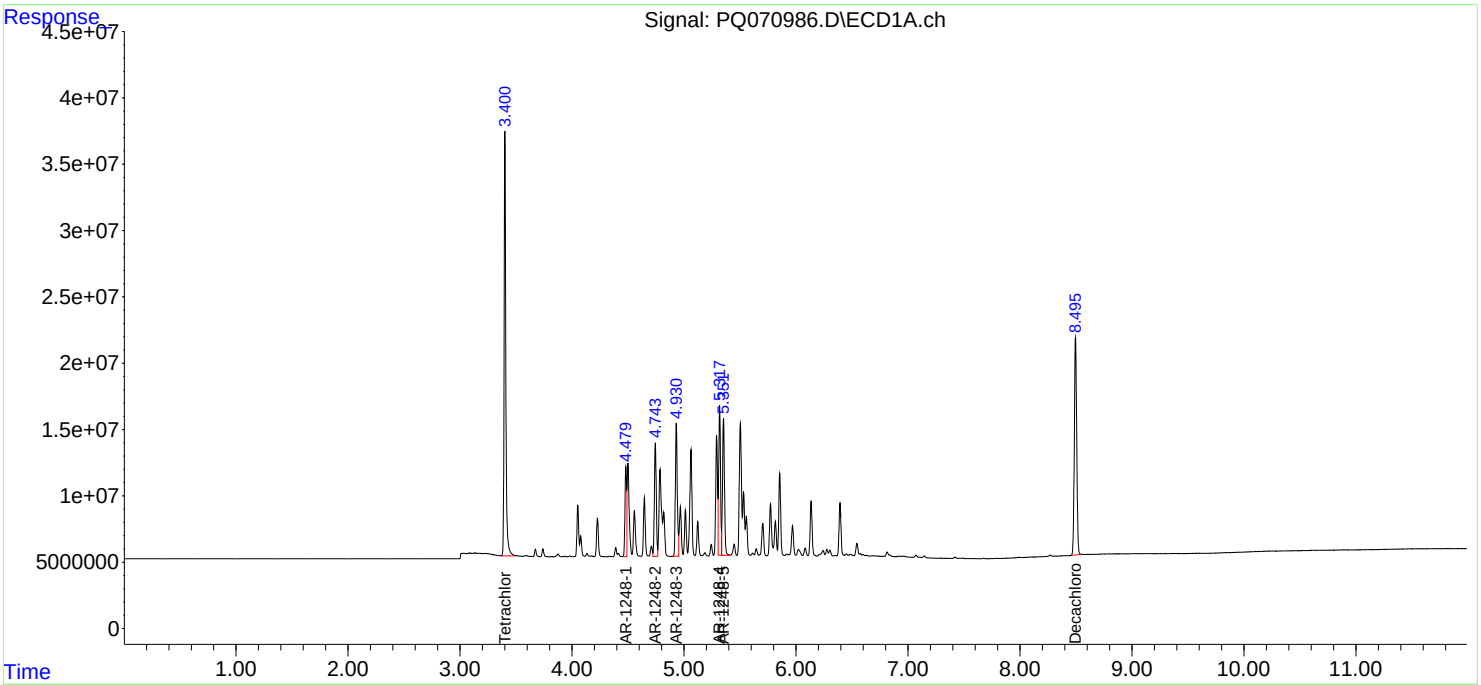
ICAL Form

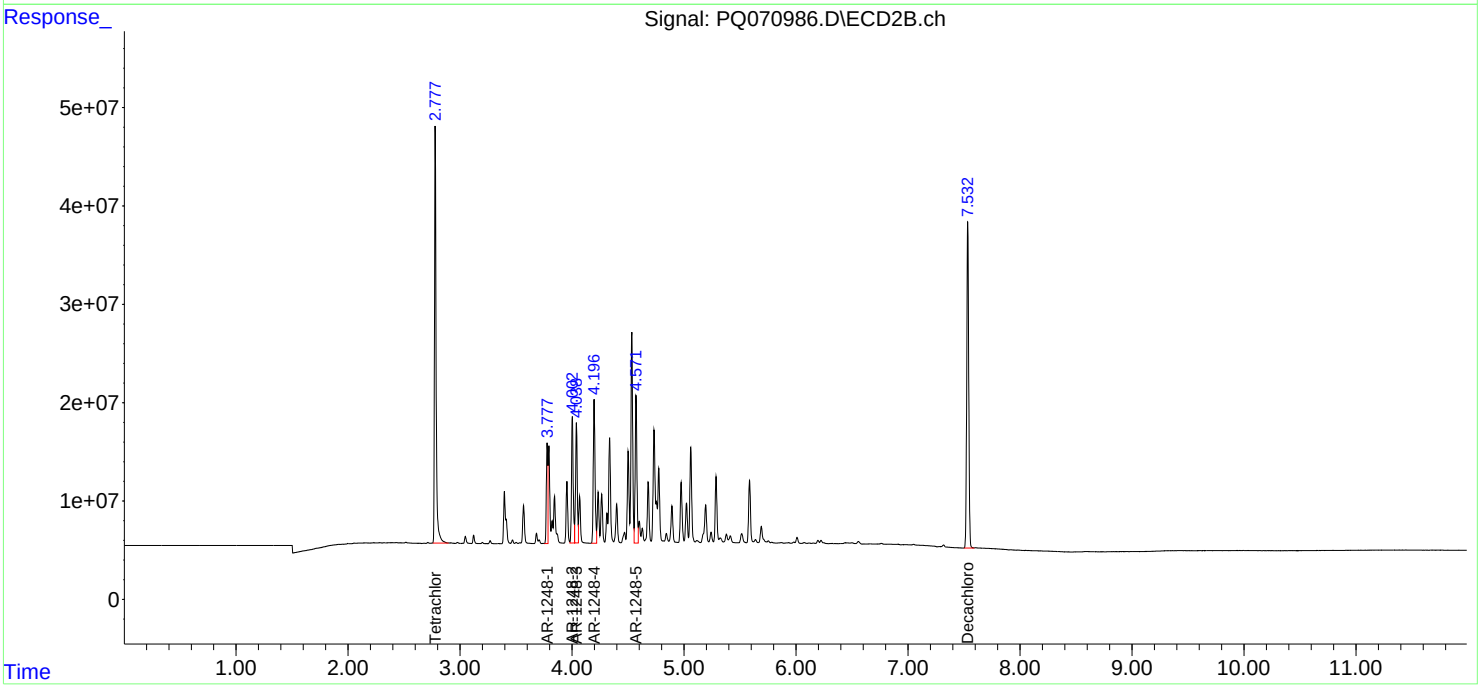
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:06
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

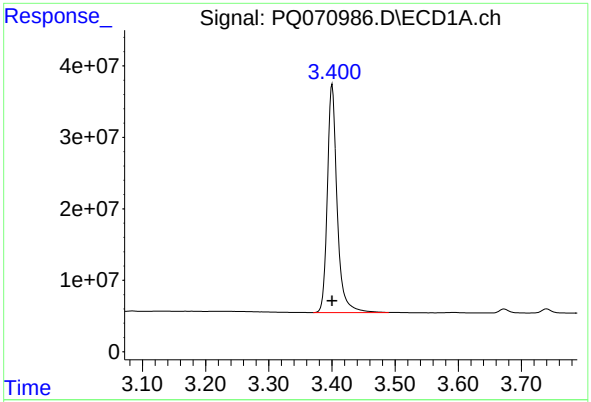
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:46:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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



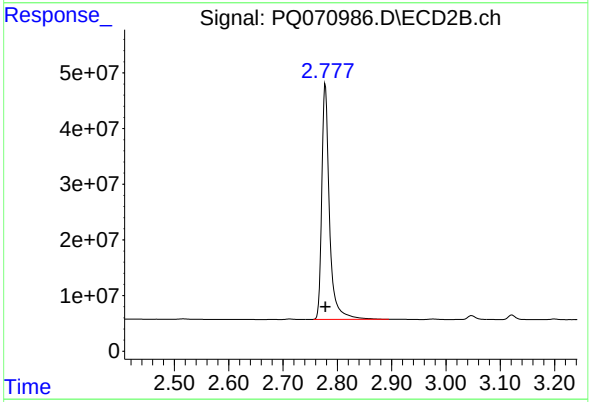






#1 Tetrachloro-m-xylene

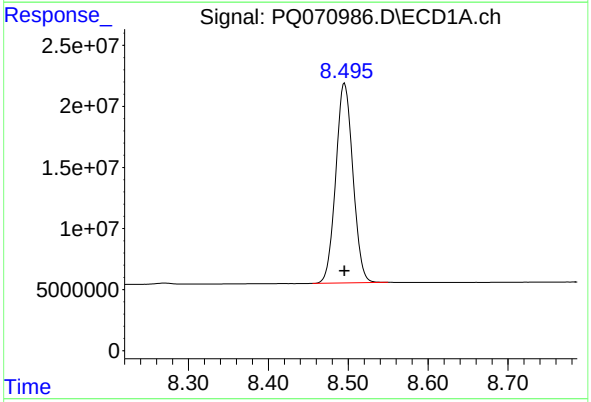
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 344936586
Conc: 74.53 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC750



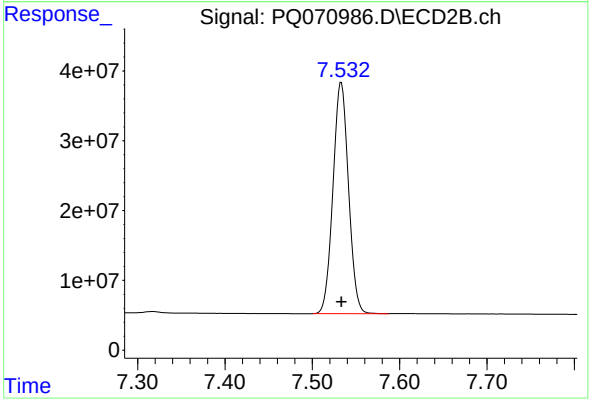

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 417847054
Conc: 74.64 ng/ml



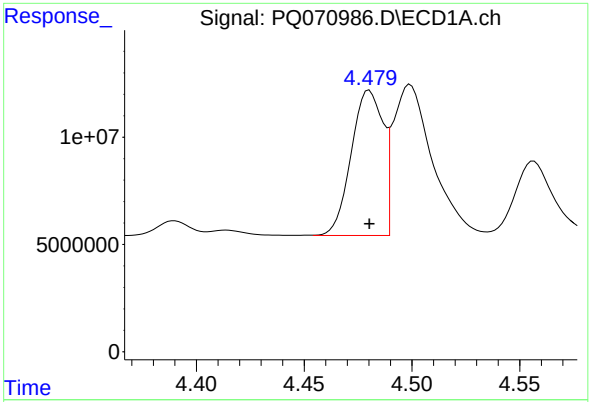

#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 243638918
Conc: 74.37 ng/ml




#2 Decachlorobiphenyl

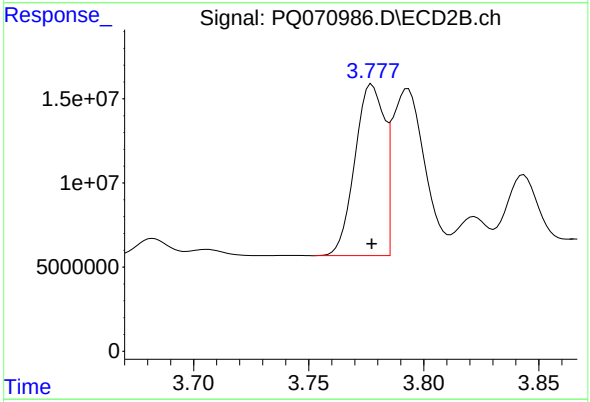
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 409558512
Conc: 74.25 ng/ml




#21 AR-1248-1

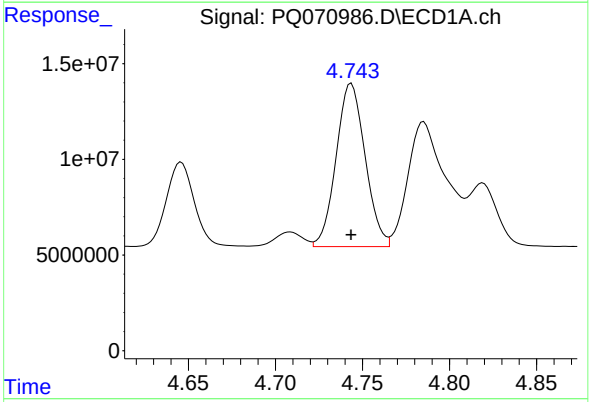
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 69602185
Conc: 740.36 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC750



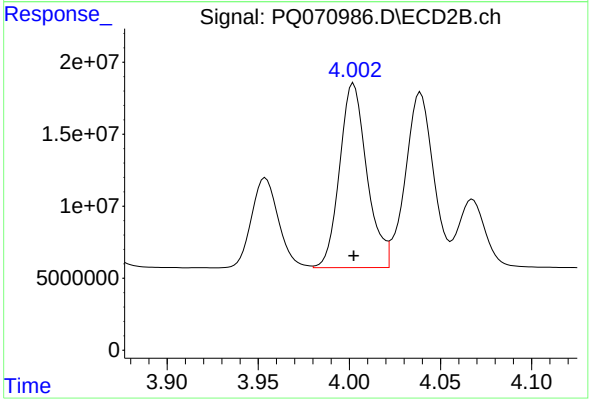

#21 AR-1248-1

R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 90481437
Conc: 741.18 ng/ml



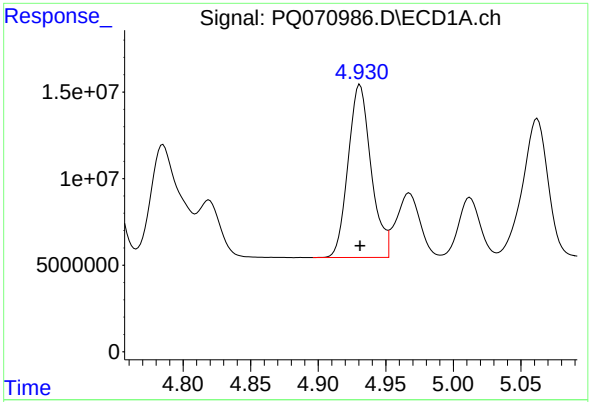

#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 98823740
Conc: 745.81 ng/ml




#22 AR-1248-2

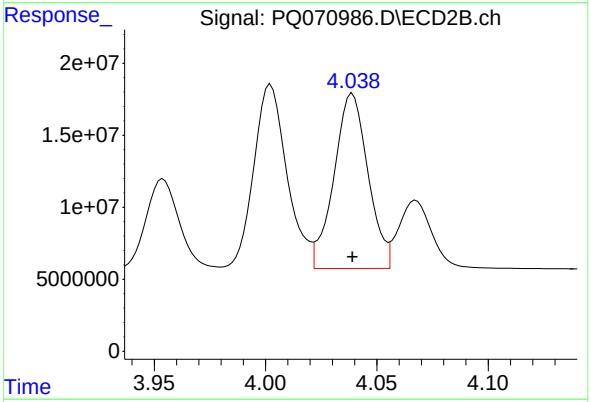
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 133279046
Conc: 740.45 ng/ml




#23 AR-1248-3

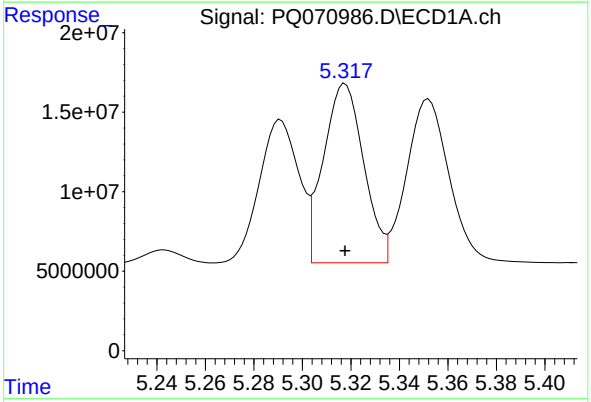
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 118158493
Conc: 743.65 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC750



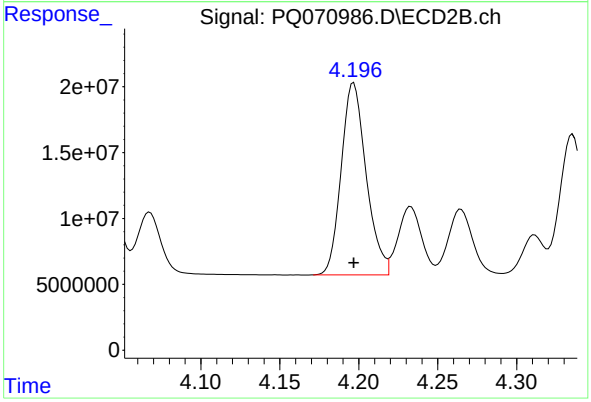

#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 129701077
Conc: 750.09 ng/ml



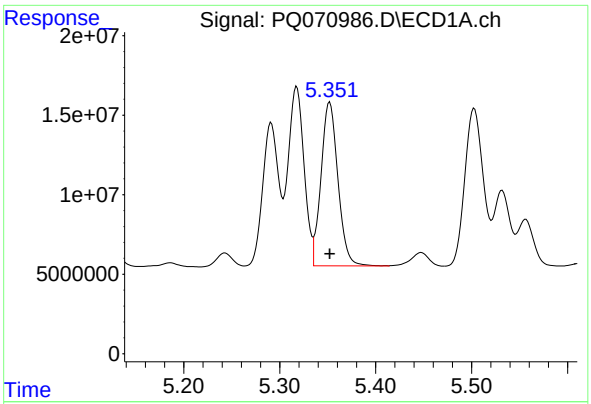

#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 129844545
Conc: 744.76 ng/ml




#24 AR-1248-4

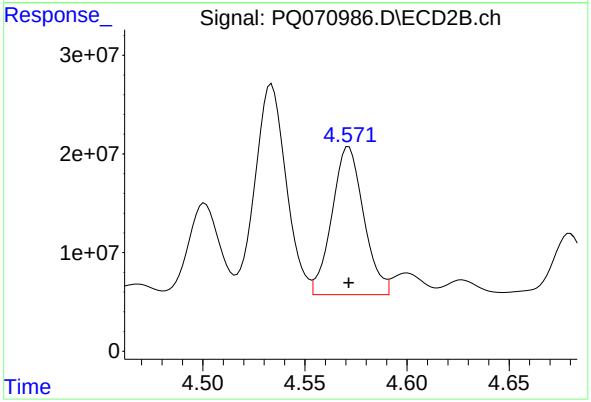
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 160643613
Conc: 738.85 ng/ml




#25 AR-1248-5

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 126102213
Conc: 815.29 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC750




#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 162540024
Conc: 726.46 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:20
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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... | 3.400 | 2.778 | 237.0E6 | 286.1E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.496 | 7.532 | 170.1E6 | 286.5E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.480 | 3.778 | 49639121 | 63721566 | 500.000 | 500.000 |
| 22) | L5 AR-1248-2 | 4.744 | 4.002 | 69450264 | 94662929 | 500.000 | 500.000 |
| 23) | L5 AR-1248-3 | 4.931 | 4.039 | 83073425 | 89108340 | 500.000 | 500.000 |
| 24) | L5 AR-1248-4 | 5.318 | 4.197 | 91413720 | 115.3E6 | 500.000 | 500.000 |
| 25) | L5 AR-1248-5 | 5.351 | 4.571 | 66105541 | 121.7E6 | 500.000 | 500.000 |

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

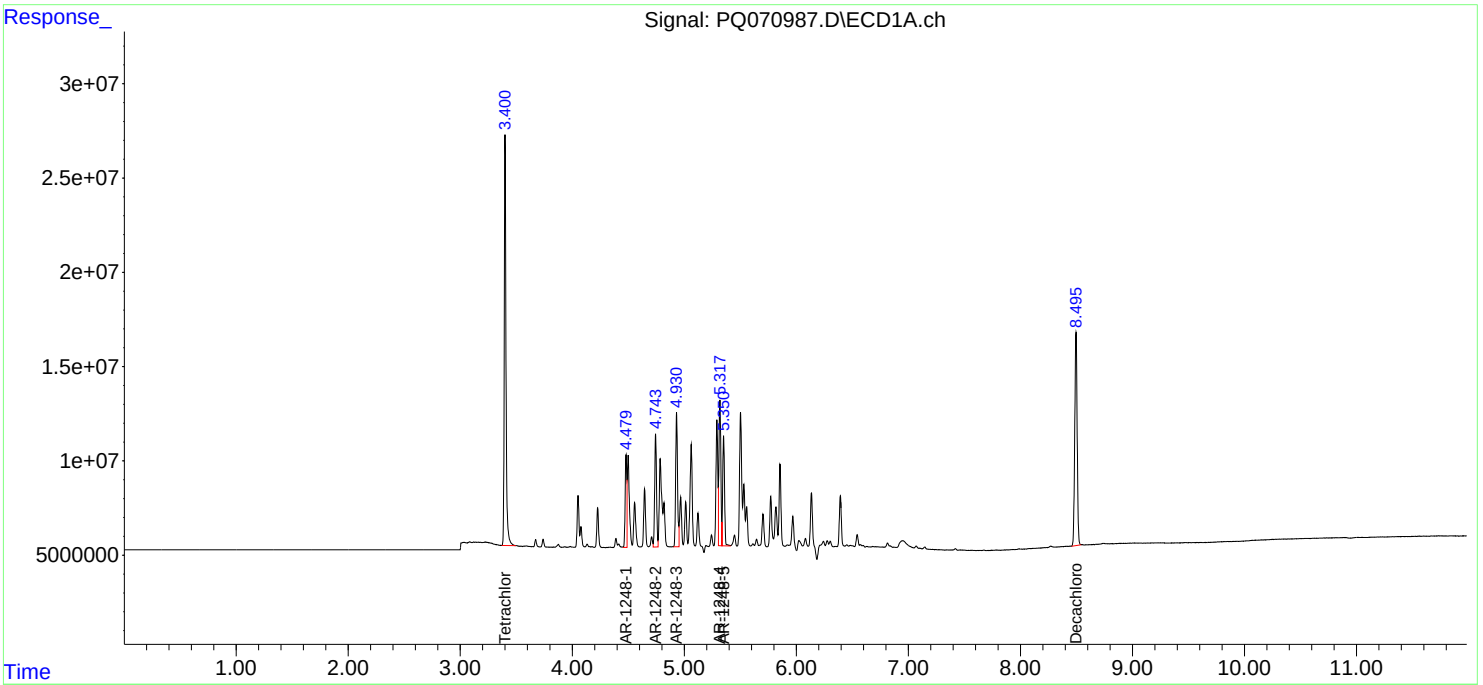
ICAL Form

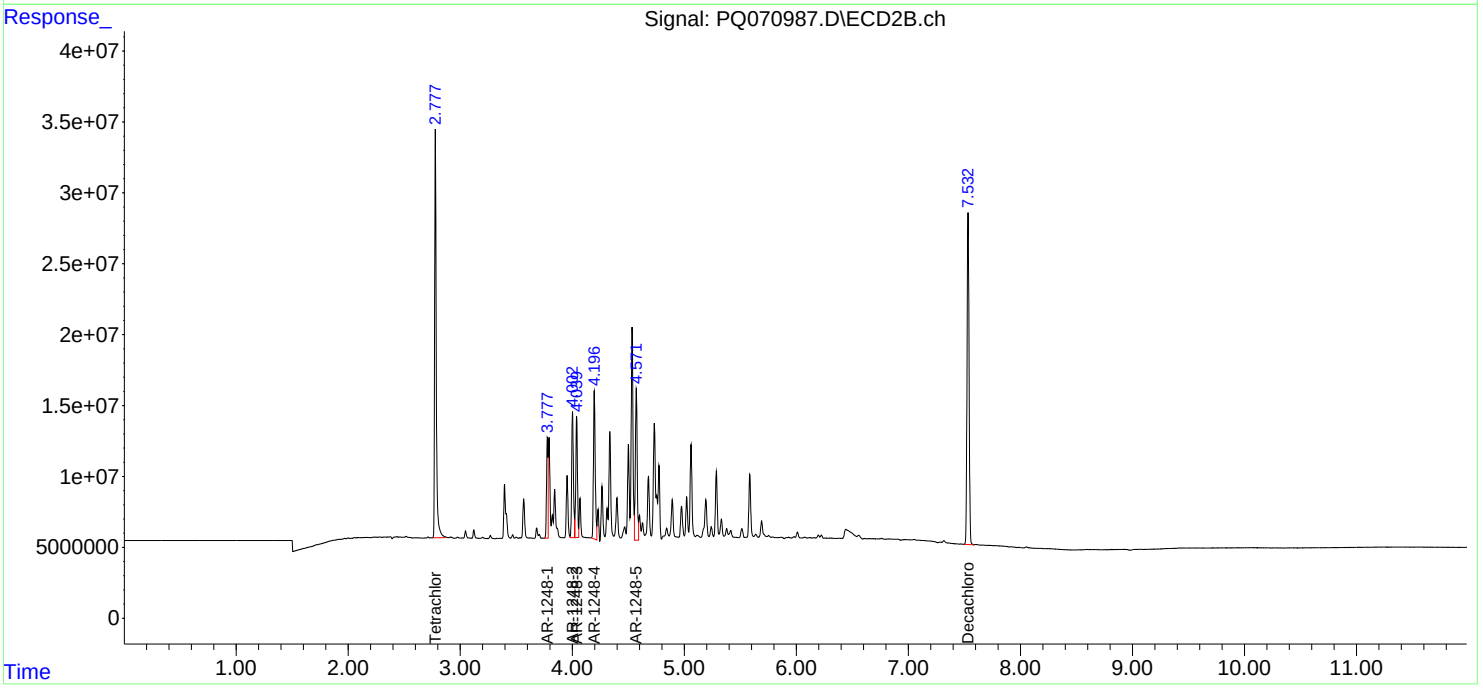
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:20
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

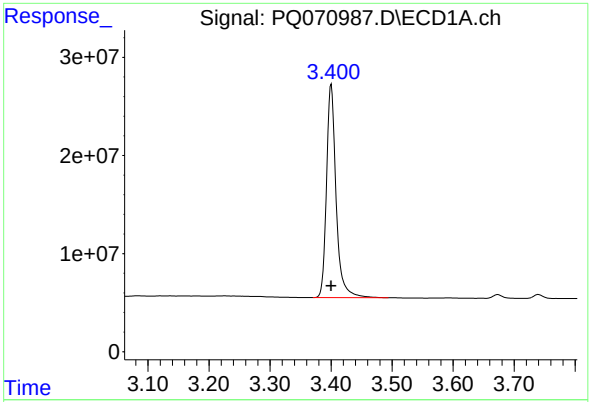
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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



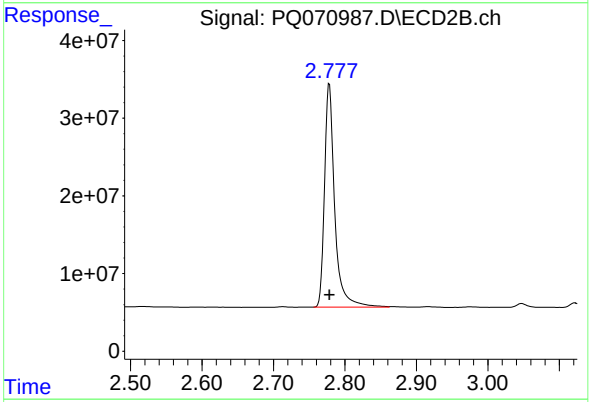






#1 Tetrachloro-m-xylene

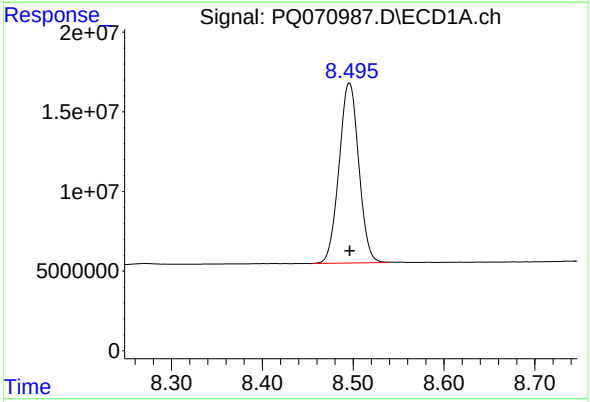
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 236970659
Conc: 50.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC500



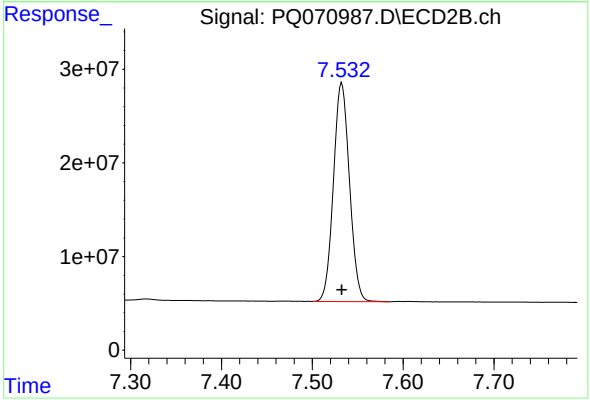

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 286146810
Conc: 50.00 ng/ml



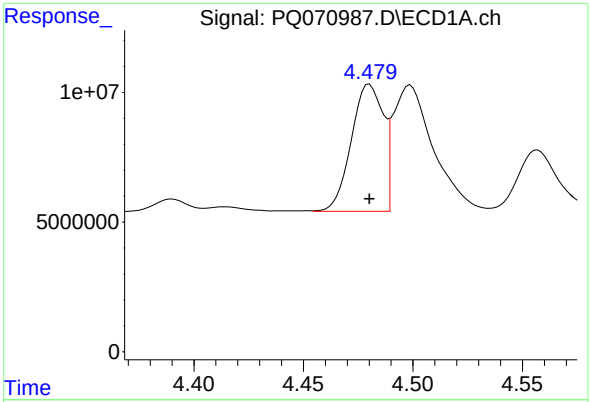

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 170138327
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

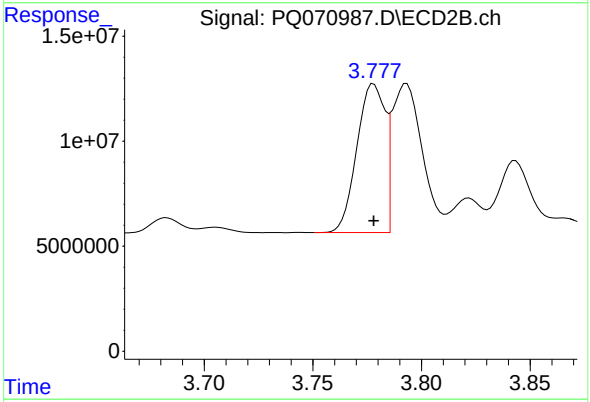
R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 286540483
Conc: 50.00 ng/ml




#21 AR-1248-1

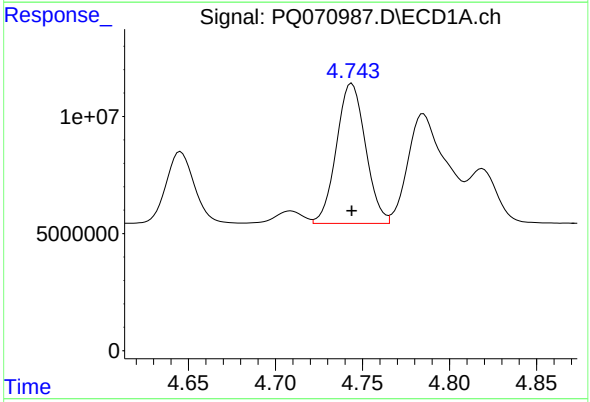
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 49639121
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC500



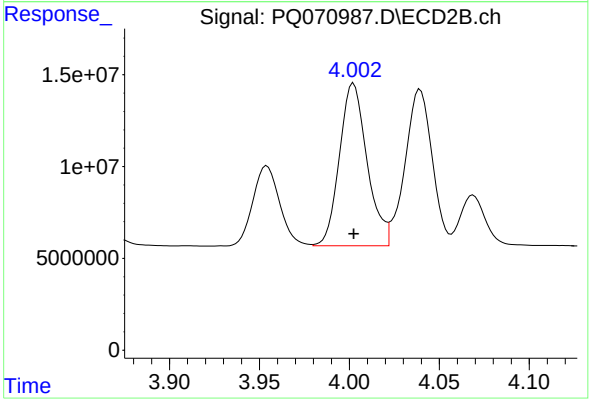

#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 63721566
Conc: 500.00 ng/ml



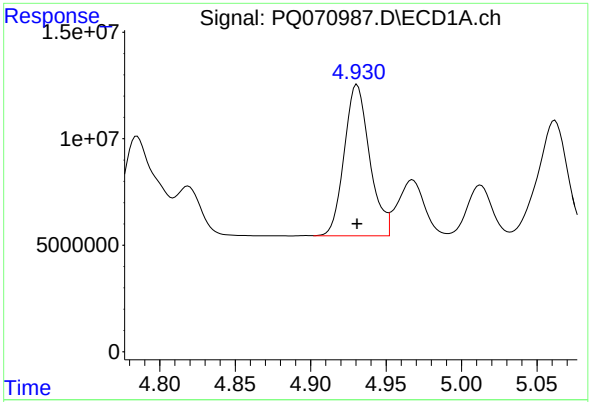

#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 69450264
Conc: 500.00 ng/ml




#22 AR-1248-2

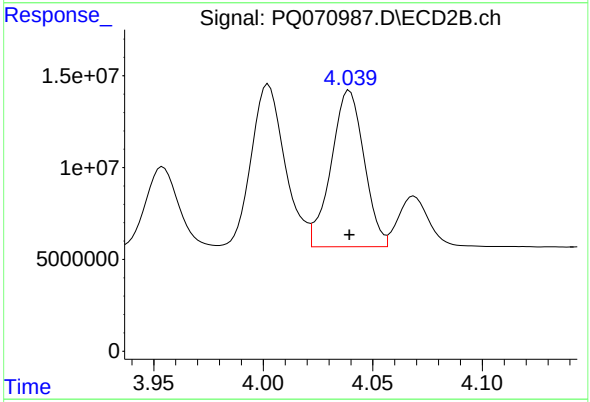
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 94662929
Conc: 500.00 ng/ml




#23 AR-1248-3

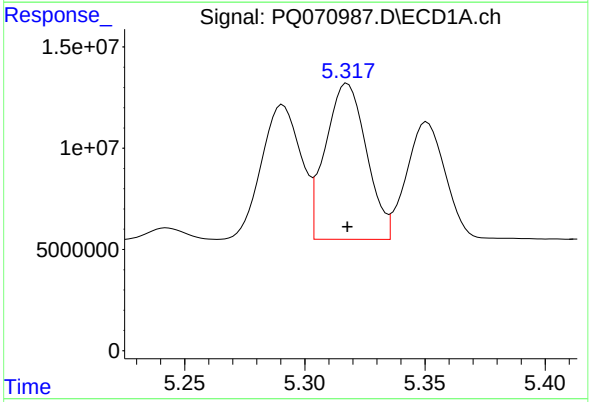
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 83073425
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC500



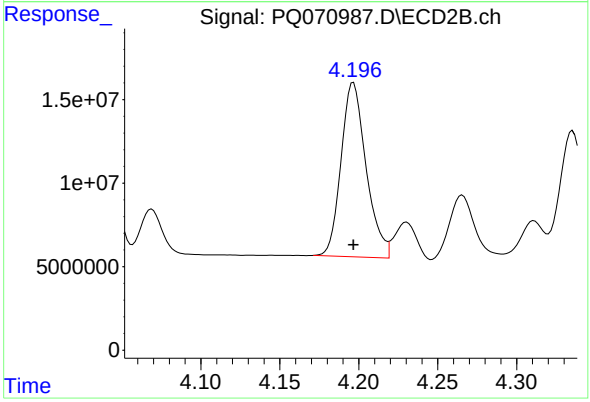

#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 89108340
Conc: 500.00 ng/ml



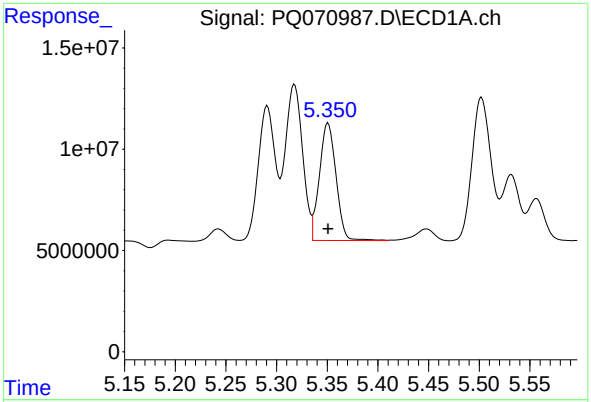

#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 91413720
Conc: 500.00 ng/ml




#24 AR-1248-4

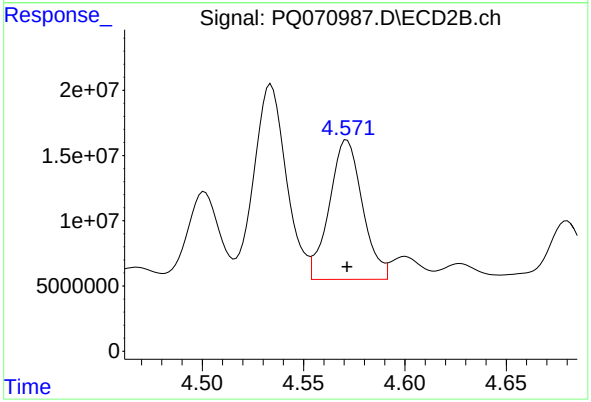
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 115324829
Conc: 500.00 ng/ml




#25 AR-1248-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 66105541
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC500




#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 121715396
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:35
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC250

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:50:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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... | 3.401 | 2.778 | 117.1E6 | 141.6E6 | 25.232 | 25.223 |
| 2) | SA Decachlor... | 8.497 | 7.534 | 85869763 | 146.1E6 | 25.897 | 26.099 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.481 | 3.778 | 24349976 | 33050222 | 256.699 | 265.233 |
| 22) | L5 AR-1248-2 | 4.744 | 4.002 | 35564341 | 49025433 | 263.550 | 266.409 |
| 23) | L5 AR-1248-3 | 4.931 | 4.039 | 41870274 | 45515698 | 260.002 | 259.790 |
| 24) | L5 AR-1248-4 | 5.318 | 4.196 | 46678299 | 58029144 | 263.071 | 262.398m |
| 25) | L5 AR-1248-5 | 5.351 | 4.570 | 30347346 | 62706574 | 207.360 | 273.971m# |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:35
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

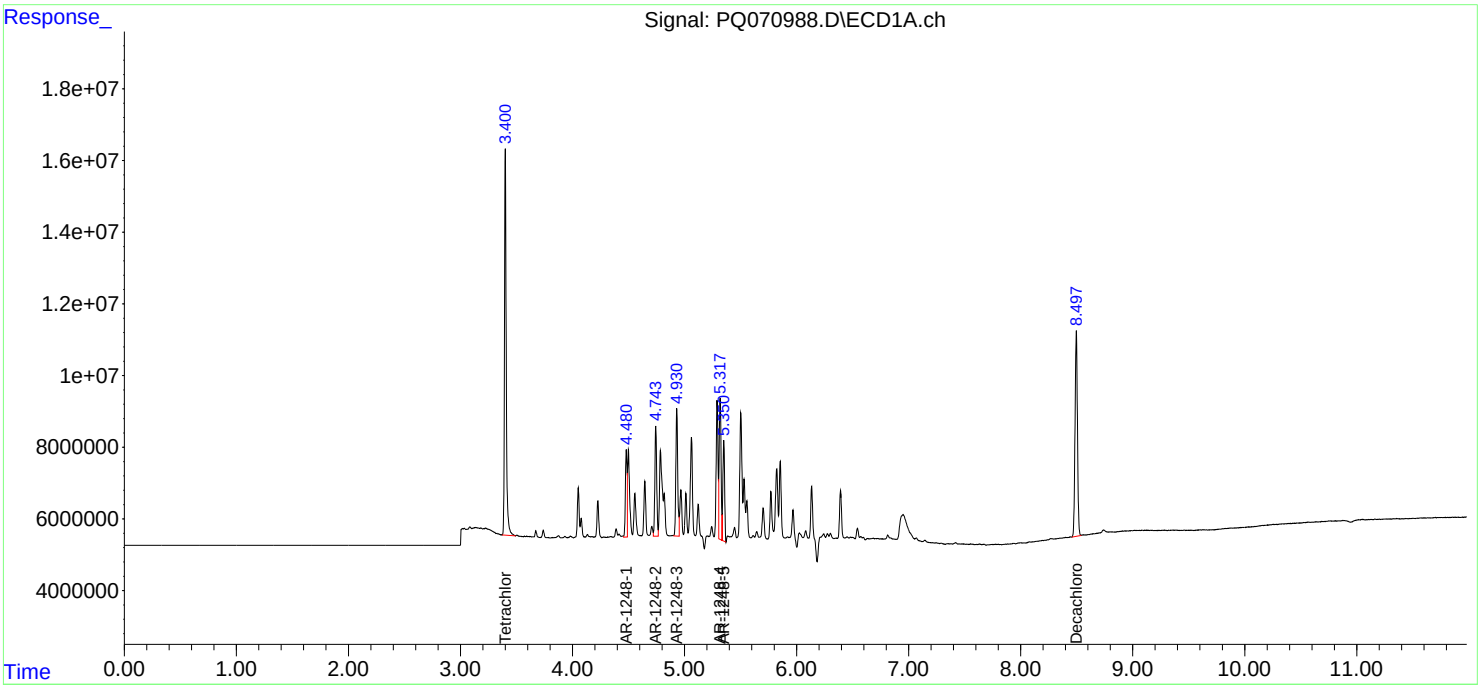
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC250

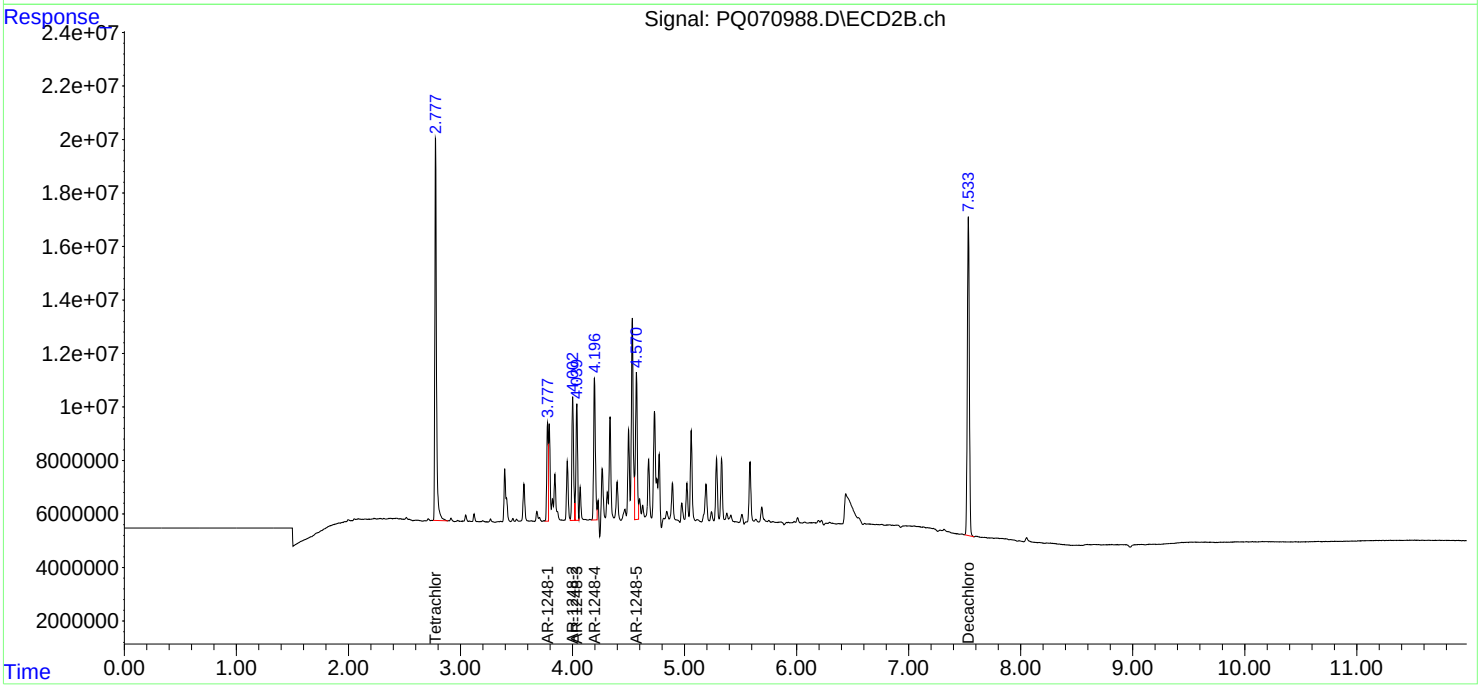
**Manual Integrations APPROVED**

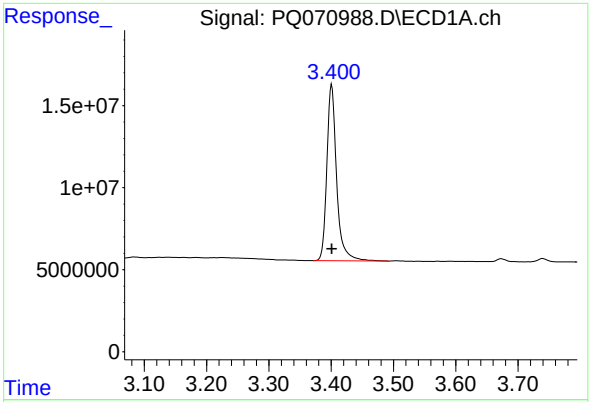
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:50:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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





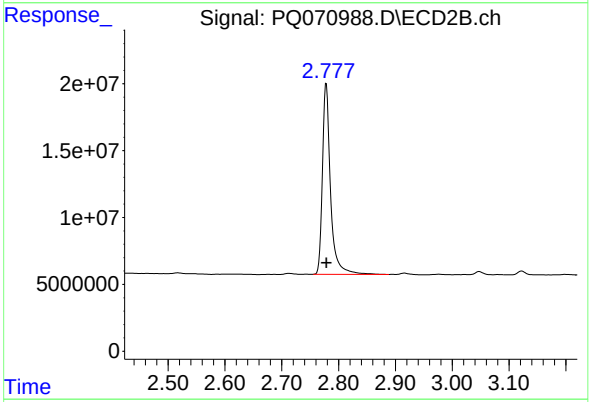

#1 Tetrachloro-m-xylene

R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 117145709
Conc: 25.23 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC250

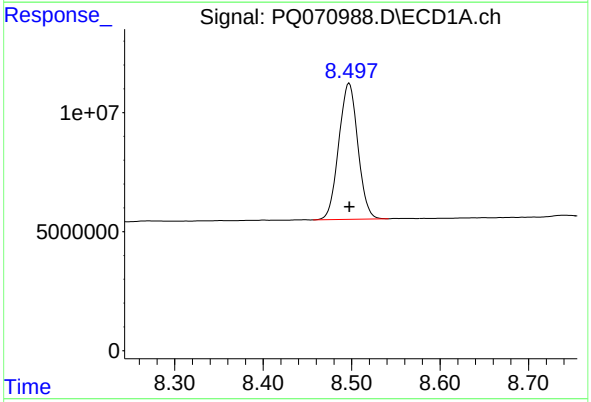
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



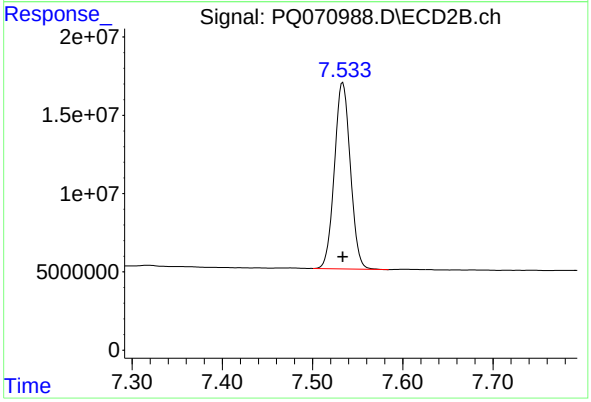

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 141612310
Conc: 25.22 ng/ml



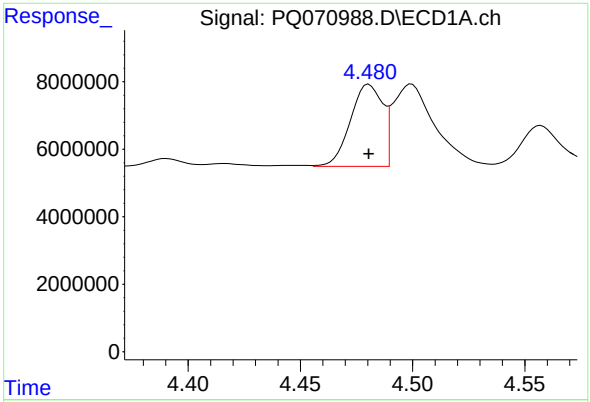

#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 85869763
Conc: 25.90 ng/ml




#2 Decachlorobiphenyl

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 146109381
Conc: 26.10 ng/ml



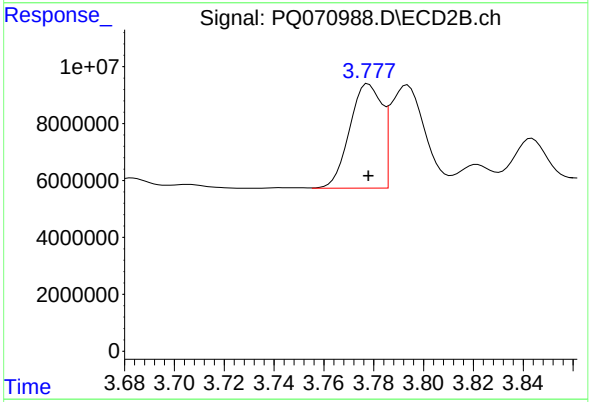

#21 AR-1248-1

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 24349976
Conc: 256.70 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC250

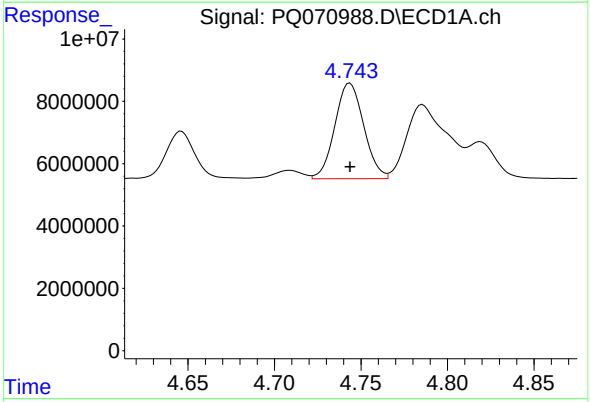
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



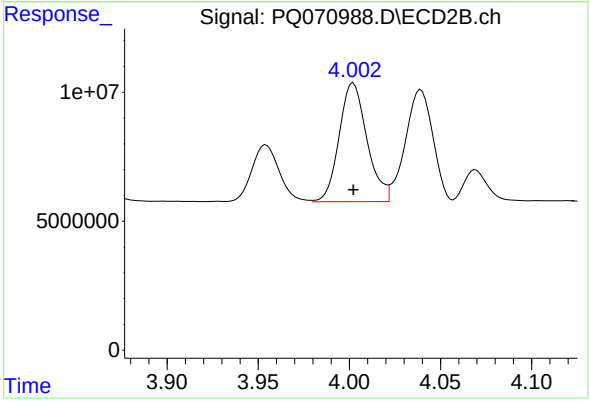

#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 33050222
Conc: 265.23 ng/ml



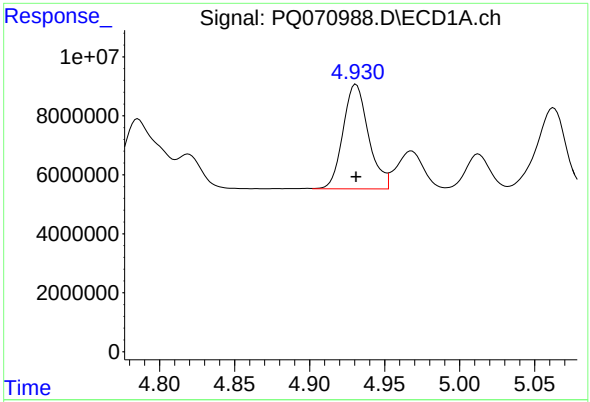

#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 35564341
Conc: 263.55 ng/ml




#22 AR-1248-2

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 49025433
Conc: 266.41 ng/ml



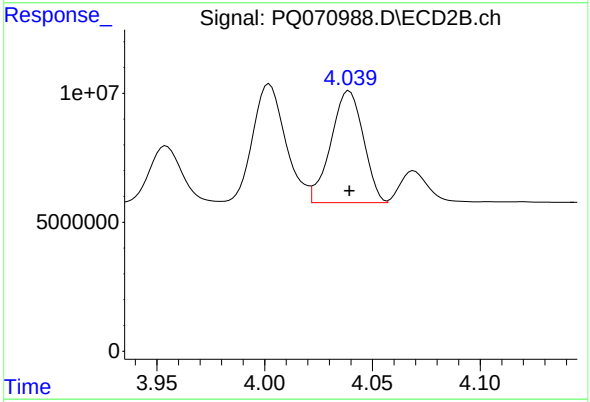

#23 AR-1248-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 41870274
Conc: 260.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC250

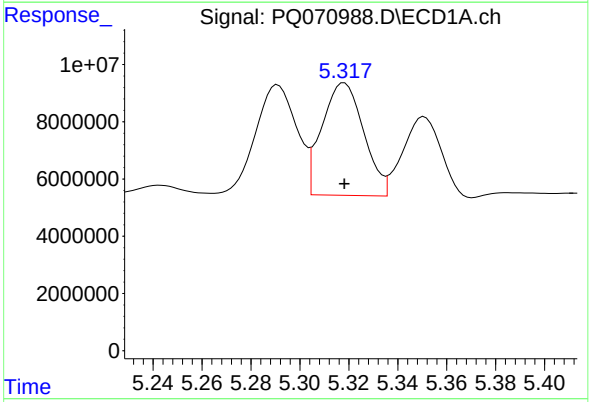
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



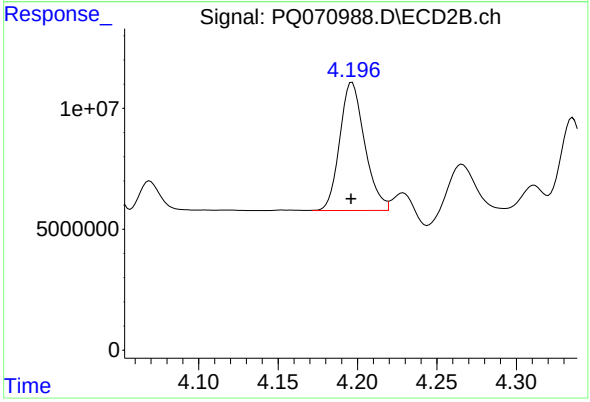

#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 45515698
Conc: 259.79 ng/ml



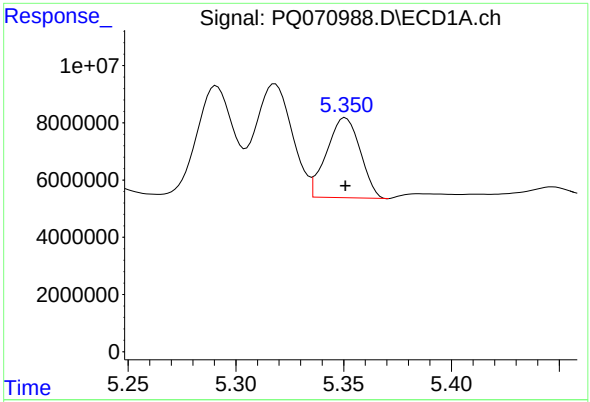

#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 46678299
Conc: 263.07 ng/ml




#24 AR-1248-4

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 58029144
Conc: 262.40 ng/ml m



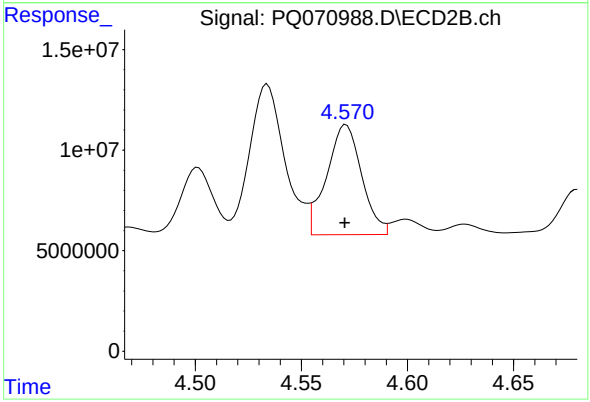

#25 AR-1248-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 30347346
Conc: 207.36 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC250

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025




#25 AR-1248-5

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 62706574
Conc: 273.97 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:50
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:31:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:30:55 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... | 3.400 | 2.778 | 22591108 | 27044968 | 4.892 | 4.853 |
| 2) | SA Decachlor... | 8.497 | 7.534 | 16769582 | 30654485 | 5.046 | 5.373 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.481 | 3.778 | 3394569 | 6701586 | 37.943 | 52.980 # |
| 22) | L5 AR-1248-2 | 4.743 | 4.002 | 7123103 | 10336252 | 52.204 | 54.816 |
| 23) | L5 AR-1248-3 | 4.931 | 4.039 | 8138224 | 9873376 | 50.428 | 54.957 |
| 24) | L5 AR-1248-4 | 5.318 | 4.197 | 7886075 | 11863237 | 45.455 | 52.883 |
| 25) | L5 AR-1248-5 | 5.352 | 4.571 | 7959257 | 12107881 | 53.447 | 52.000 |

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

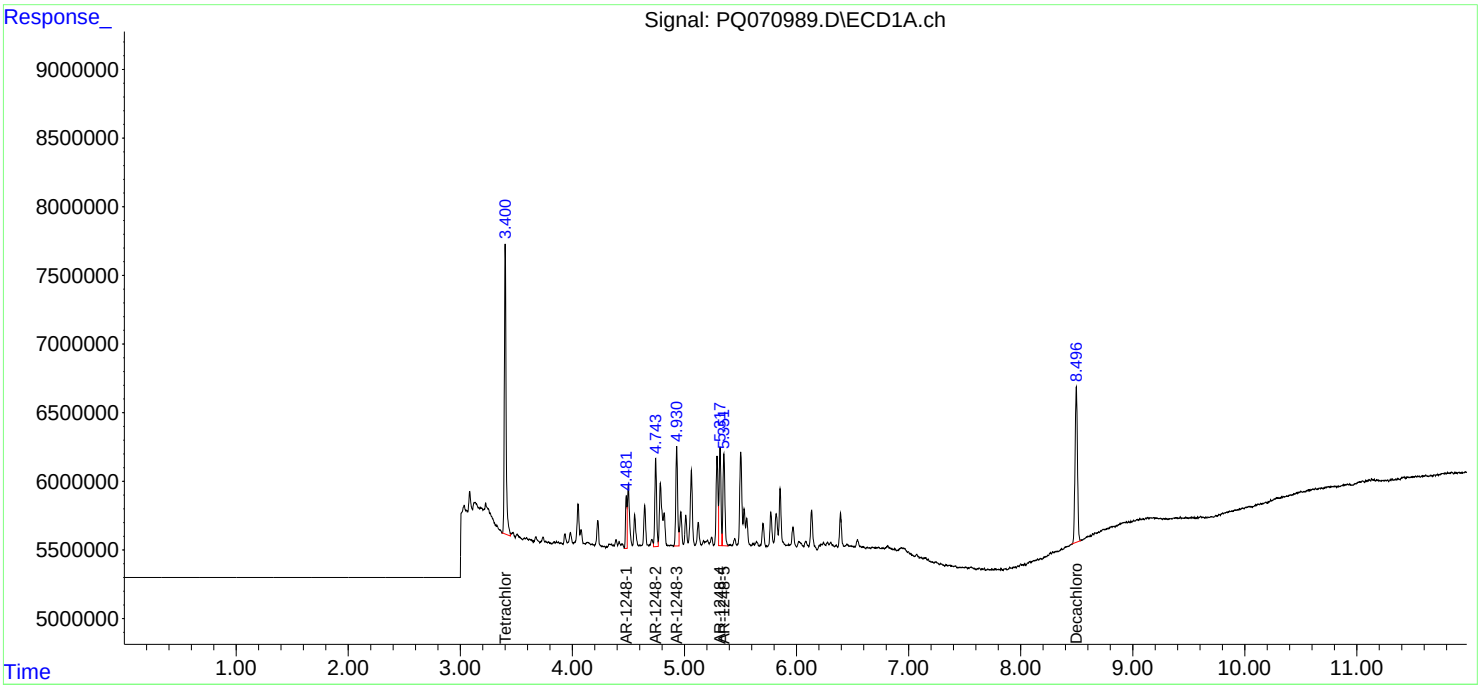
ICAL Form

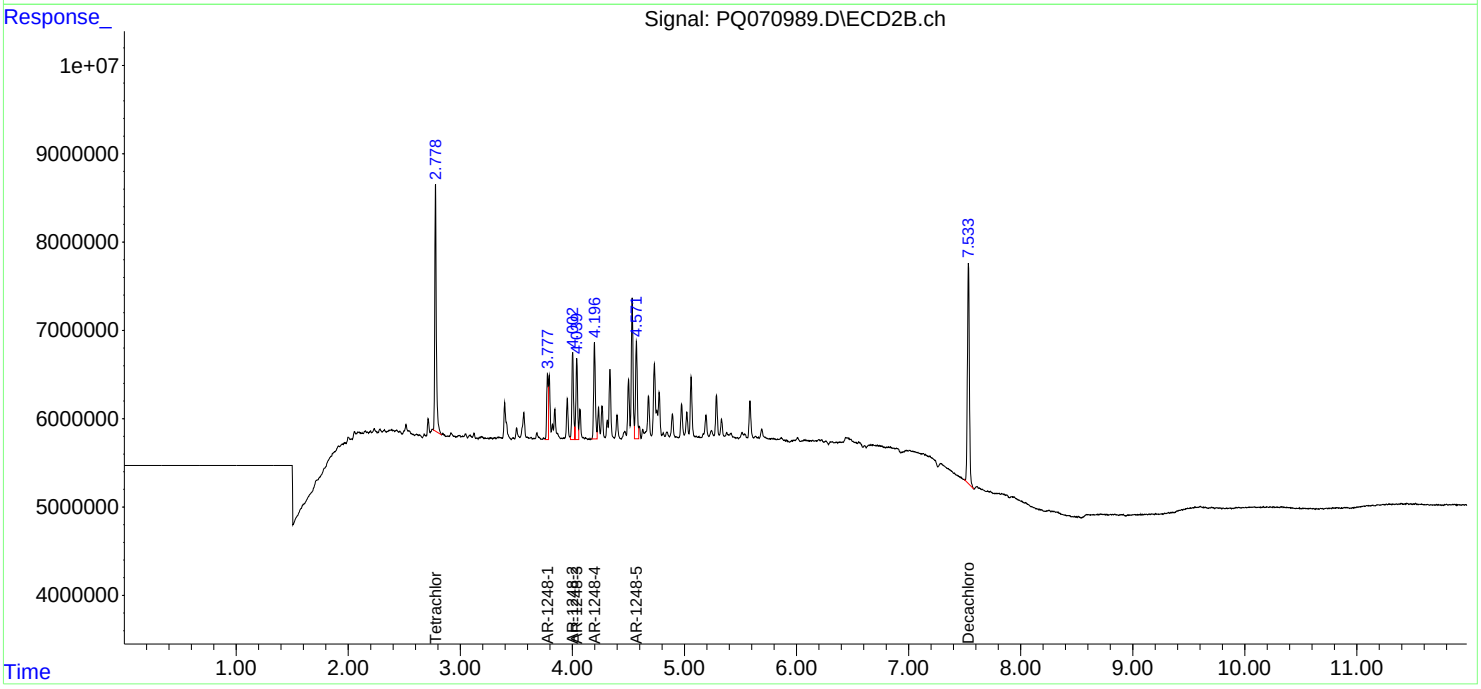
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:50
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

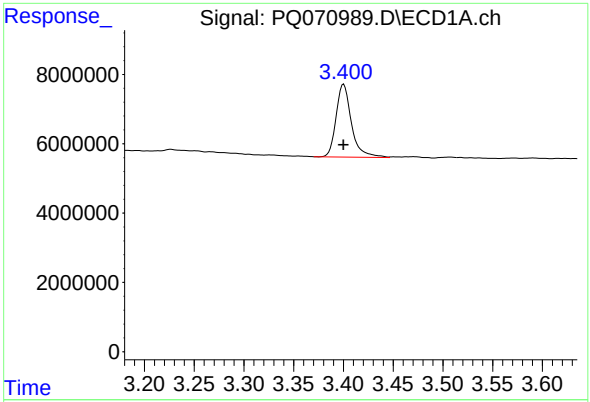
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:31:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:30:55 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



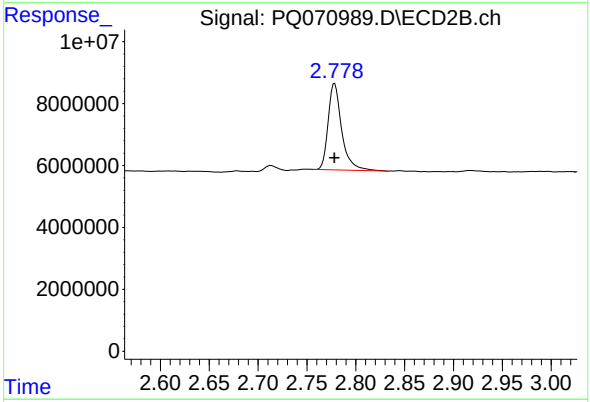






#1 Tetrachloro-m-xylene

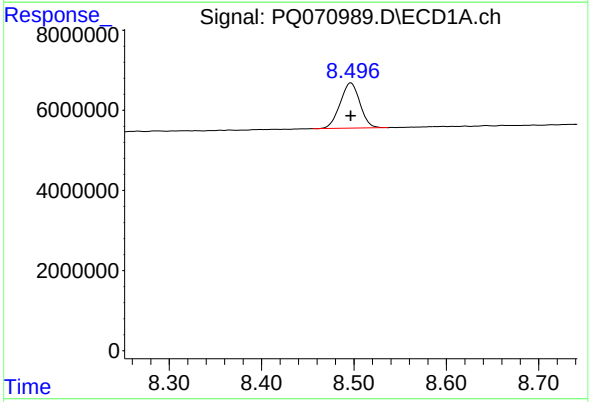
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 22591108
Conc: 4.89 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC050



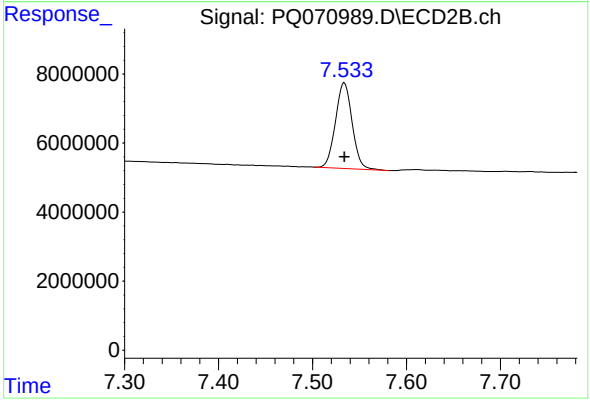

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 27044968
Conc: 4.85 ng/ml



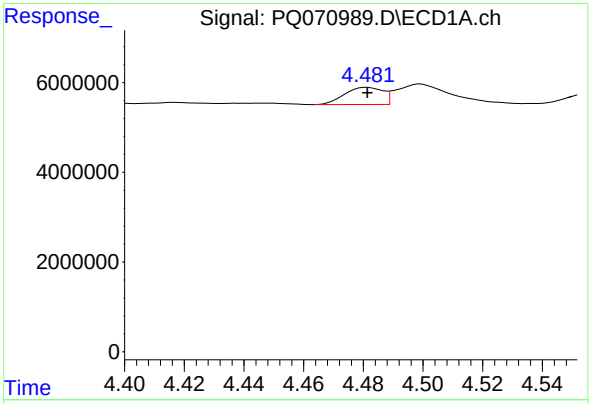

#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 16769582
Conc: 5.05 ng/ml




#2 Decachlorobiphenyl

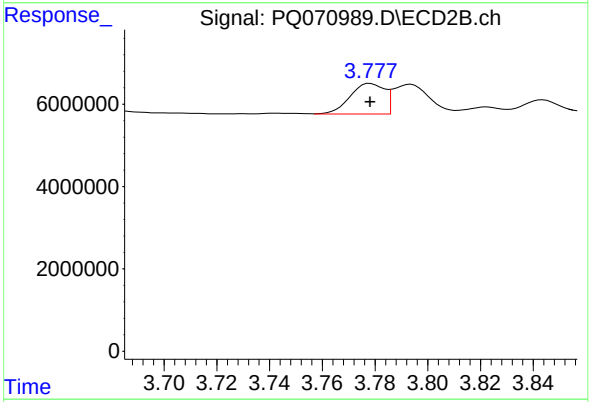
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 30654485
Conc: 5.37 ng/ml




#21 AR-1248-1

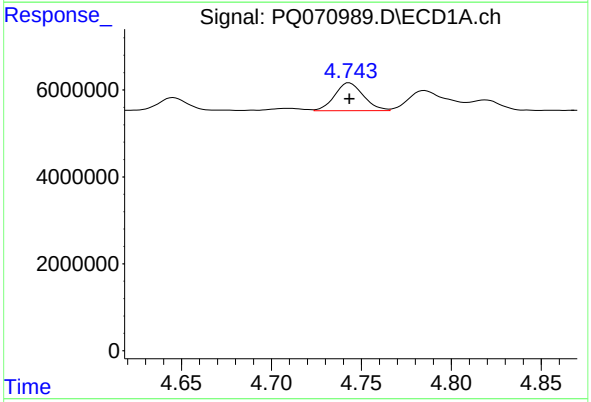
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 3394569
Conc: 37.94 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC050



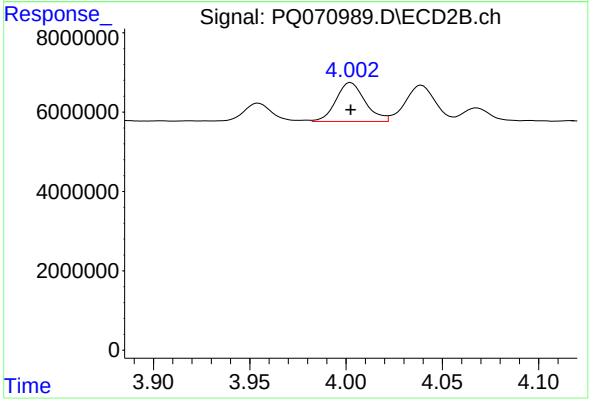

#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 6701586
Conc: 52.98 ng/ml



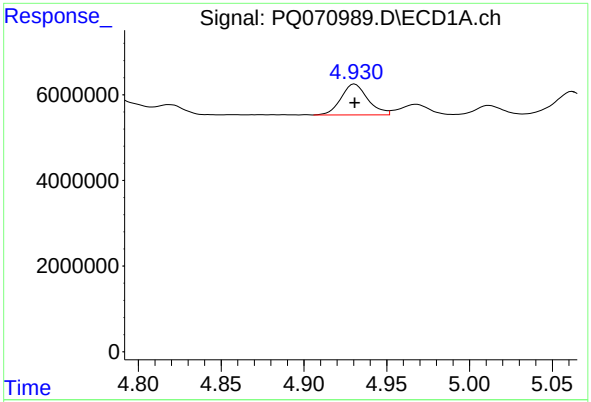

#22 AR-1248-2

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 7123103
Conc: 52.20 ng/ml




#22 AR-1248-2

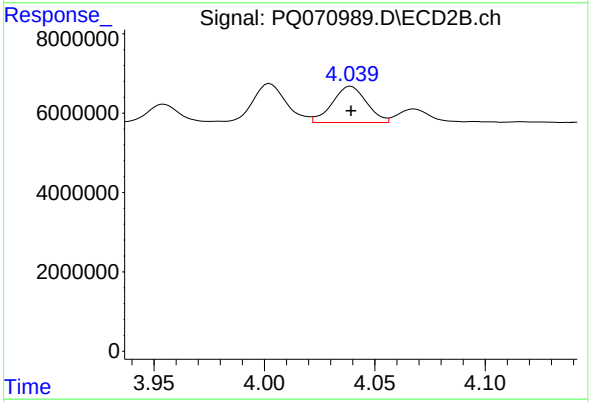
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 10336252
Conc: 54.82 ng/ml




#23 AR-1248-3

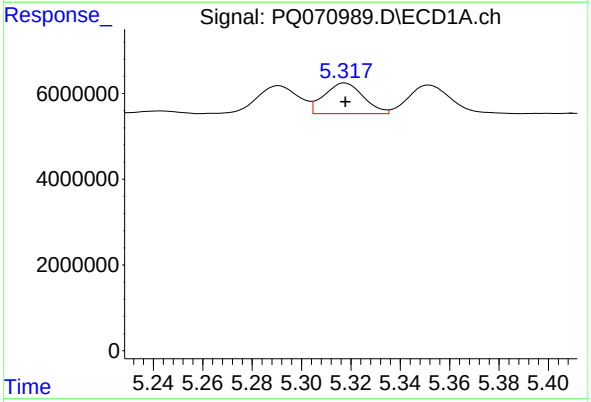
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 8138224
Conc: 50.43 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC050



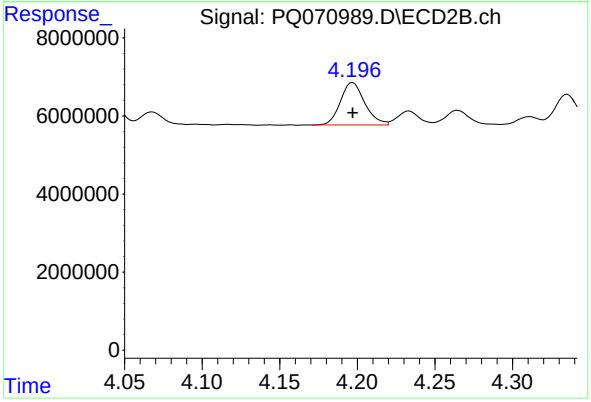

#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 9873376
Conc: 54.96 ng/ml



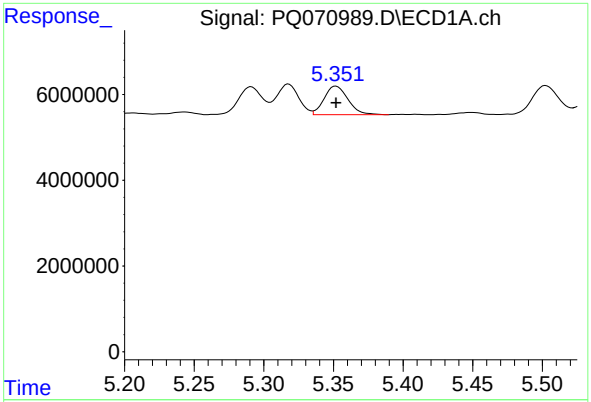

#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 7886075
Conc: 45.45 ng/ml




#24 AR-1248-4

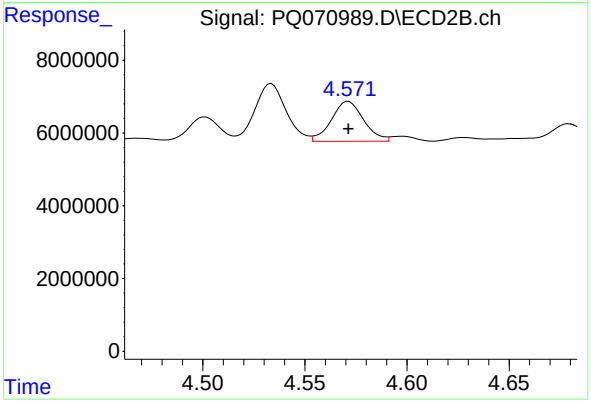
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 11863237
Conc: 52.88 ng/ml




#25 AR-1248-5

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 7959257
Conc: 53.45 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1248ICC050




#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 12107881
Conc: 52.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:04
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:53:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:52:12 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... | 3.400 | 2.778 | 445.0E6 | 531.2E6 | 98.289 | 98.401 |
| 2) | SA Decachlor... | 8.496 | 7.533 | 313.6E6 | 536.1E6 | 97.450 | 96.785 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.292 | 4.533 | 186.3E6 | 326.1E6 | 963.814 | 971.106 |
| 27) | L6 AR-1254-2 | 5.507 | 4.680 | 272.5E6 | 283.8E6 | 950.975 | 964.208 |
| 28) | L6 AR-1254-3 | 5.855 | 5.060 | 294.5E6 | 455.8E6 | 960.789 | 969.392 |
| 29) | L6 AR-1254-4 | 6.135 | 5.286 | 212.6E6 | 291.4E6 | 961.211 | 971.453 |
| 30) | L6 AR-1254-5 | 6.543 | 5.690 | 229.1E6 | 417.5E6 | 971.418 | 974.299 |

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

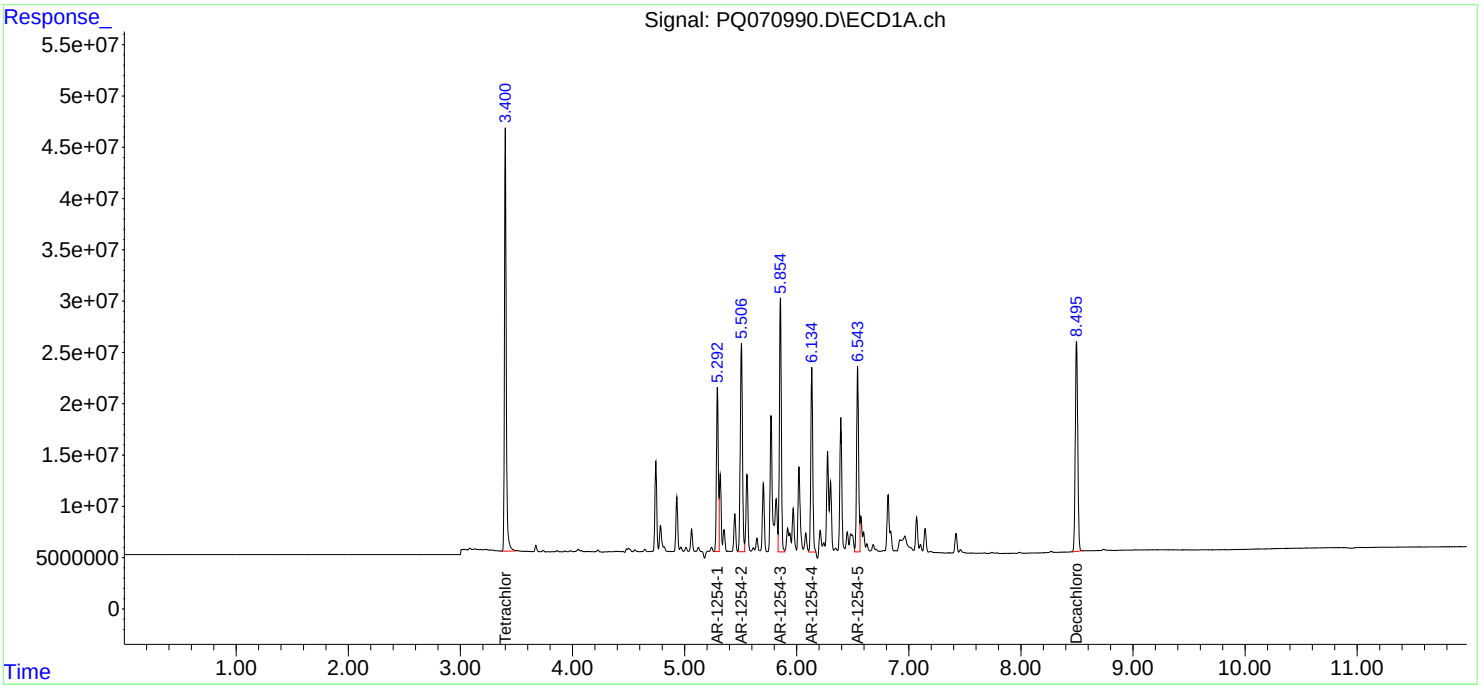
ICAL Form

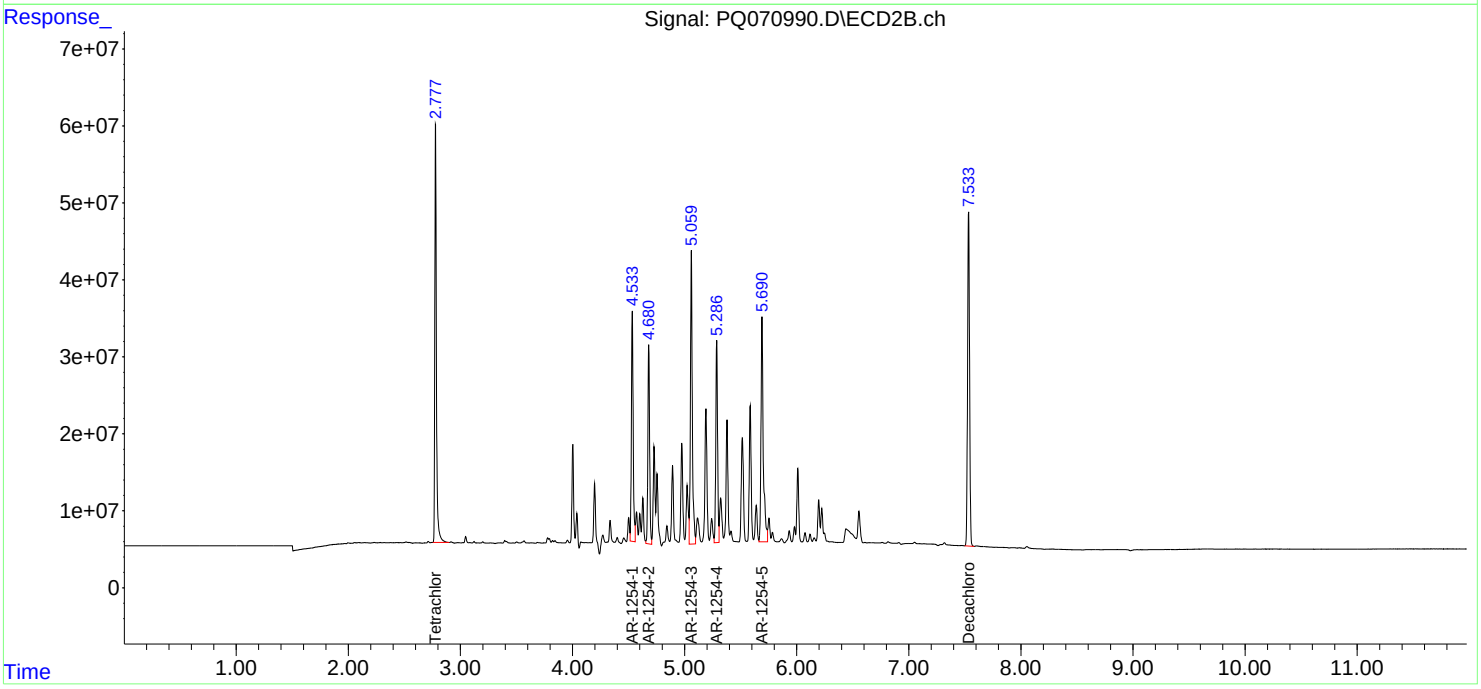
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:04
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

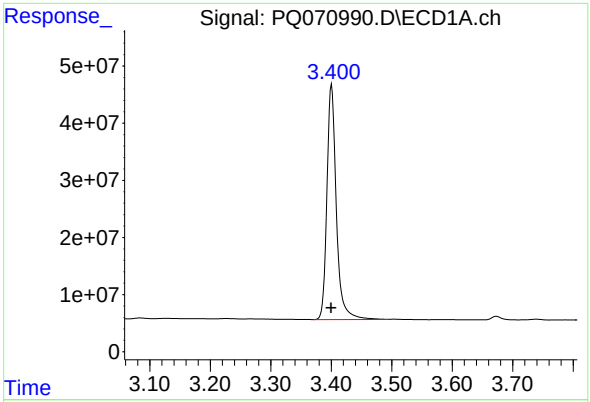
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:53:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:52:12 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



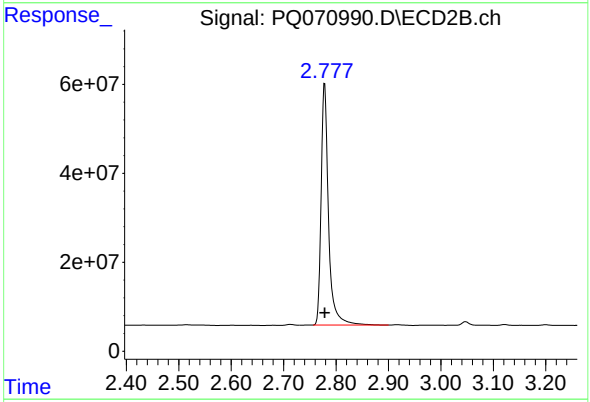






#1 Tetrachloro-m-xylene

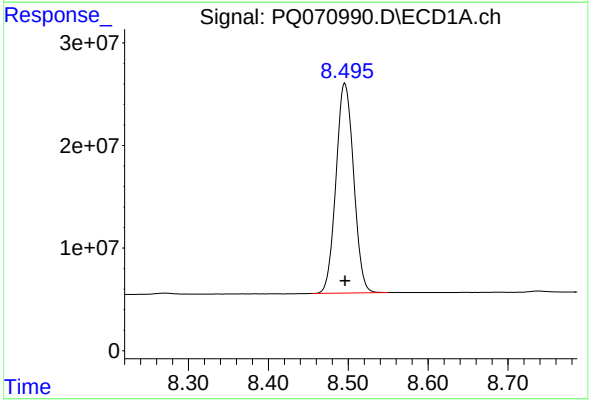
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 444955148
Conc: 98.29 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC1000



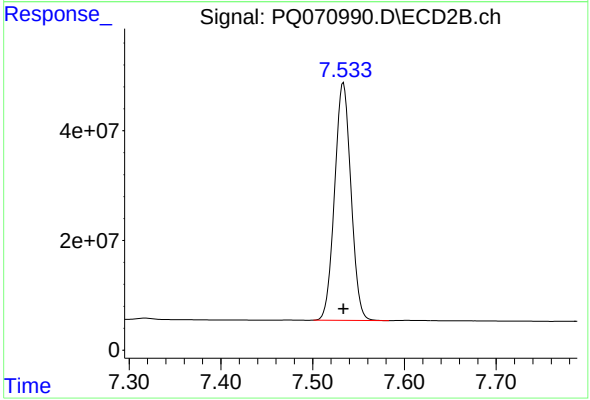

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 531185695
Conc: 98.40 ng/ml



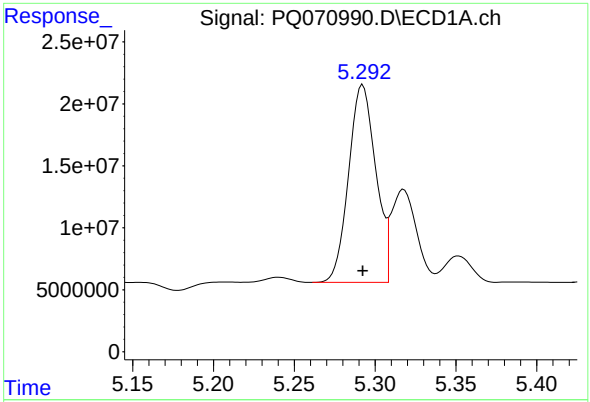

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 313599352
Conc: 97.45 ng/ml




#2 Decachlorobiphenyl

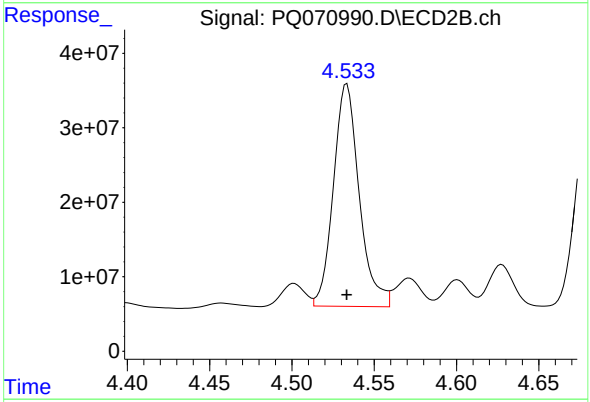
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 536076382
Conc: 96.79 ng/ml




#26 AR-1254-1

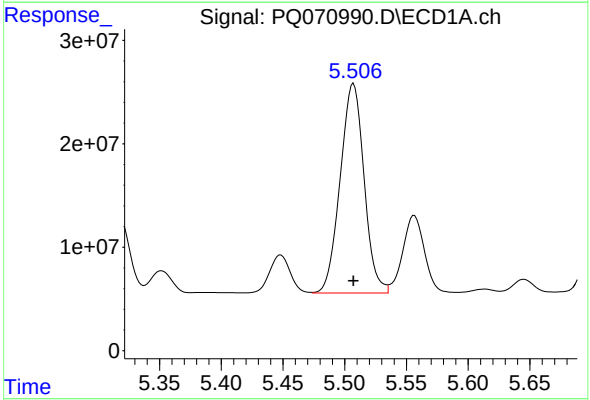
R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 186317660
Conc: 963.81 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC1000



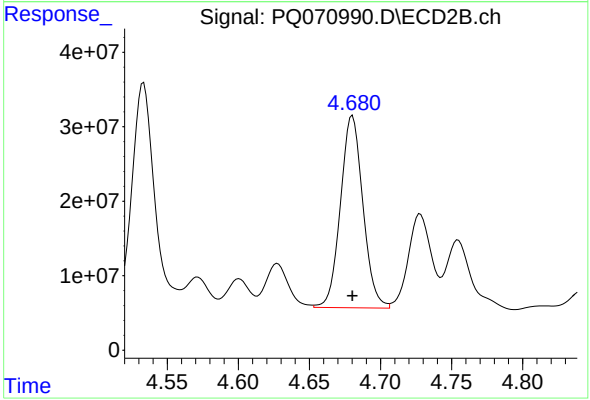

#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 326099704
Conc: 971.11 ng/ml



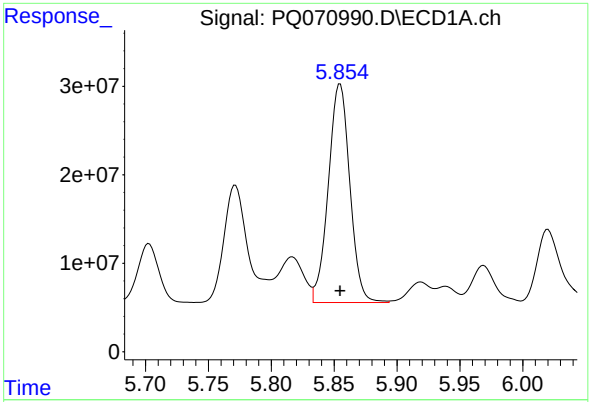

#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 272465681
Conc: 950.97 ng/ml




#27 AR-1254-2

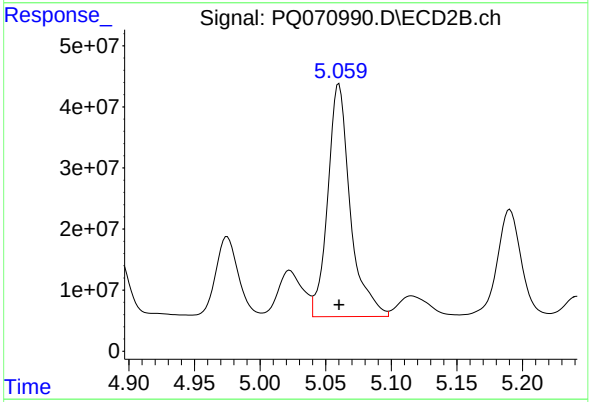
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 283781194
Conc: 964.21 ng/ml




#28 AR-1254-3

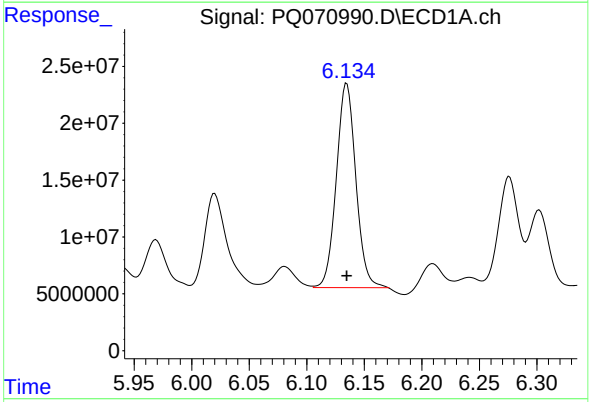
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 294493285
Conc: 960.79 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC1000



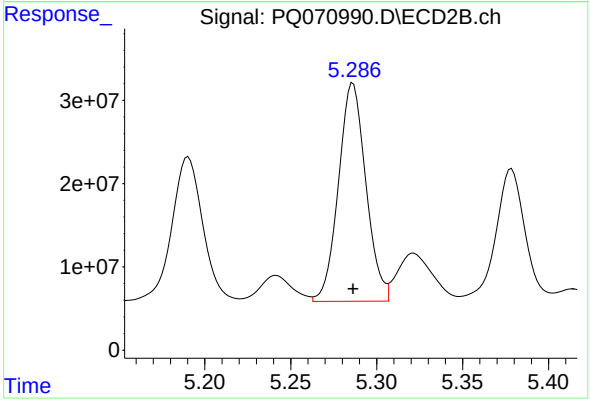

#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 455841488
Conc: 969.39 ng/ml



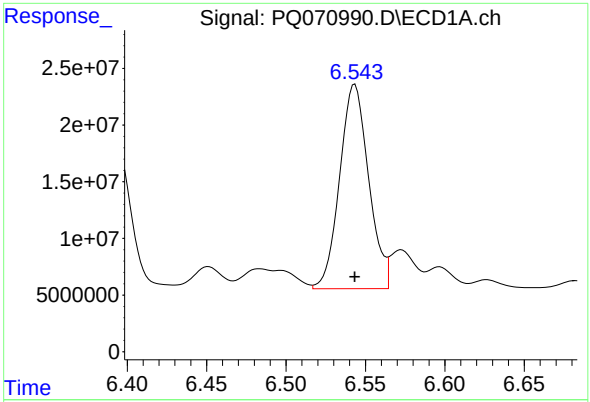

#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 212636724
Conc: 961.21 ng/ml




#29 AR-1254-4

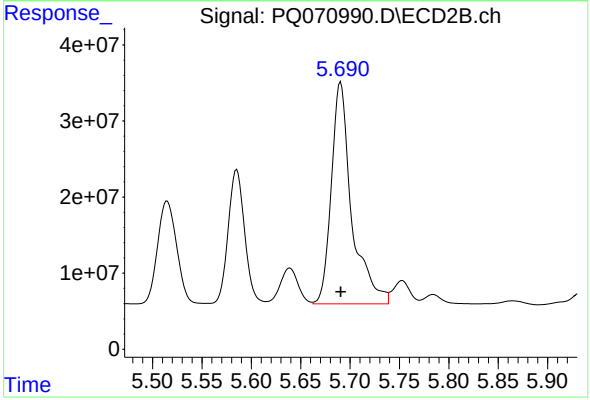
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 291449906
Conc: 971.45 ng/ml




#30 AR-1254-5

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 229095618
Conc: 971.42 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC1000




#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 417470468
Conc: 974.30 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:19
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:59:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:59:41 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... | 3.401 | 2.778 | 343.8E6 | 408.9E6 | 75.627 | 75.492 |
| 2) | SA Decachlor... | 8.496 | 7.534 | 242.8E6 | 418.3E6 | 75.295 | 75.344 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.293 | 4.533 | 148.7E6 | 256.0E6 | 762.565 | 758.137 |
| 27) | L6 AR-1254-2 | 5.507 | 4.680 | 225.9E6 | 226.8E6 | 775.187 | 763.504 |
| 28) | L6 AR-1254-3 | 5.854 | 5.060 | 240.1E6 | 358.2E6 | 771.902 | 757.733 |
| 29) | L6 AR-1254-4 | 6.134 | 5.286 | 174.5E6 | 227.3E6 | 775.397 | 755.024 |
| 30) | L6 AR-1254-5 | 6.544 | 5.690 | 180.8E6 | 320.3E6 | 761.088 | 748.361 |

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

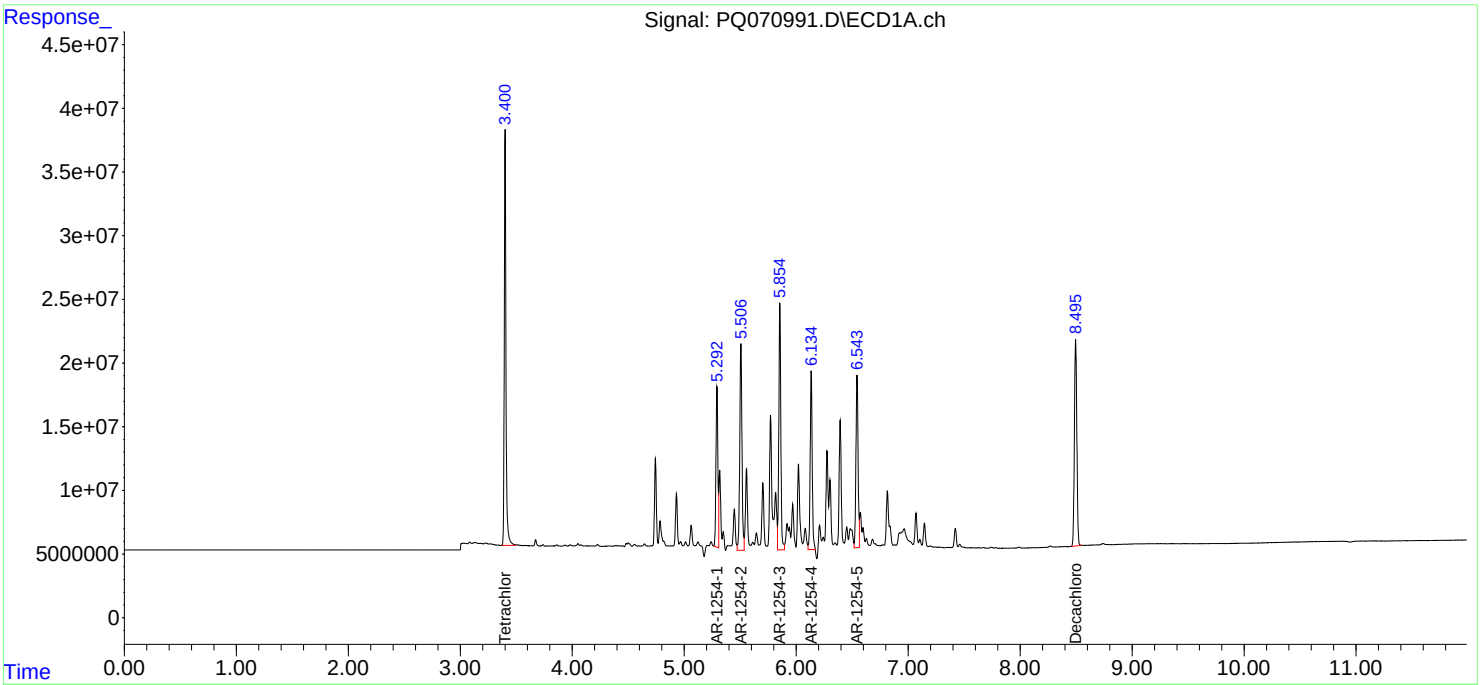
ICAL Form

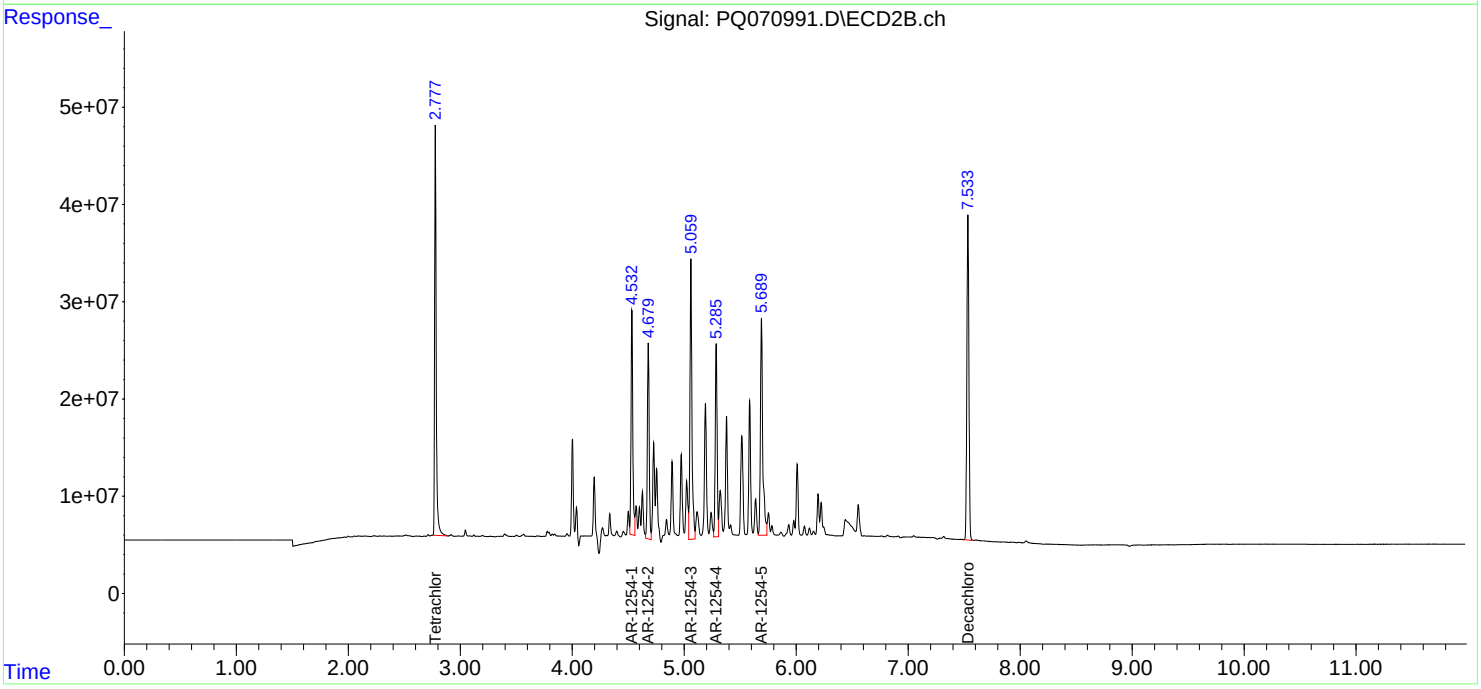
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:19
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

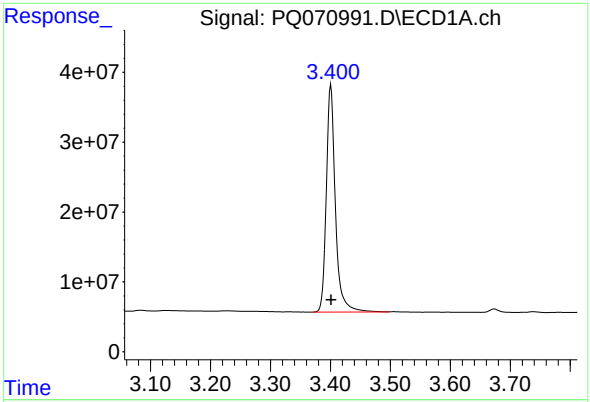
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:59:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:59:41 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



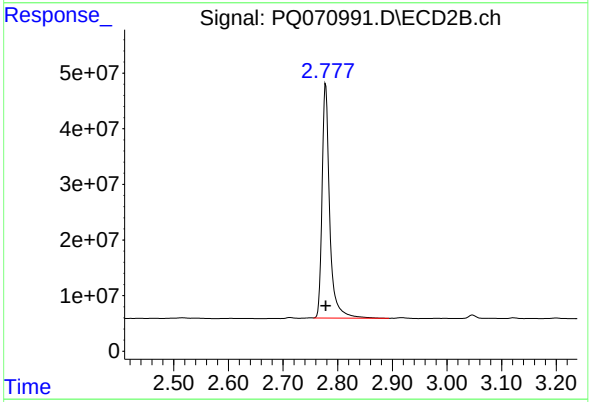






#1 Tetrachloro-m-xylene

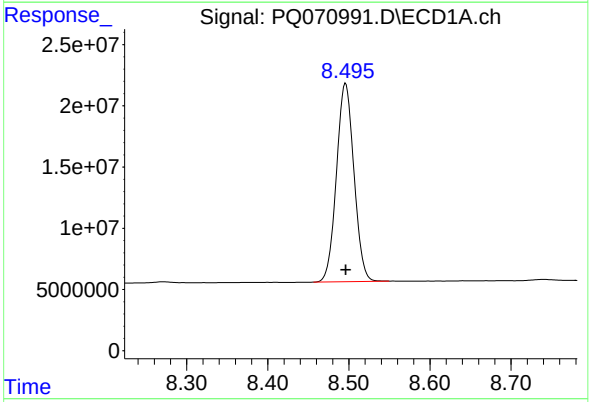
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 343803158
Conc: 75.63 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC750



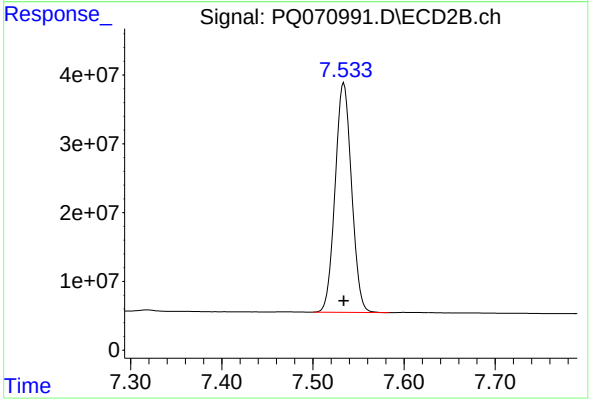

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 408857170
Conc: 75.49 ng/ml



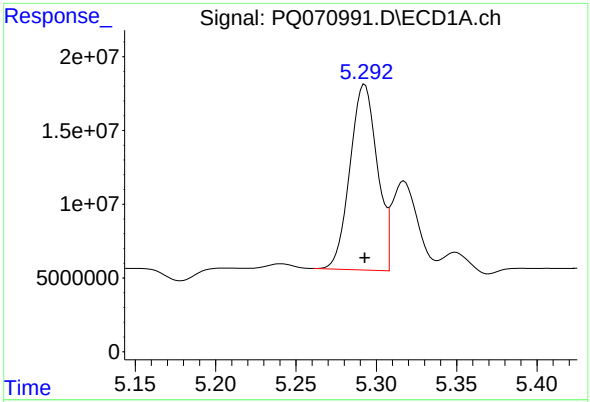

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 242779345
Conc: 75.29 ng/ml




#2 Decachlorobiphenyl

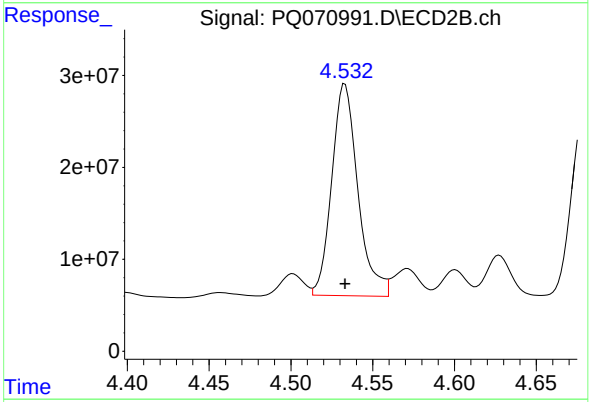
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 418279983
Conc: 75.34 ng/ml




#26 AR-1254-1

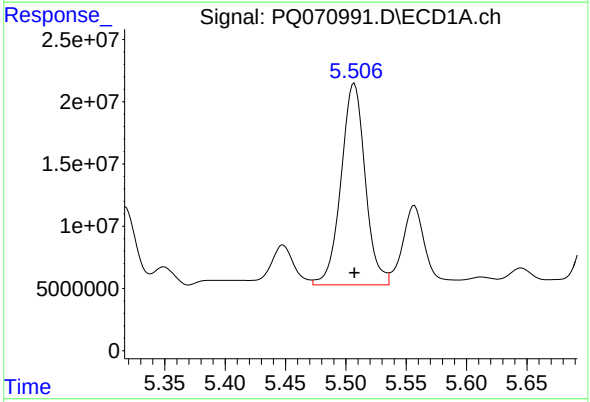
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 148659073
Conc: 762.57 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC750



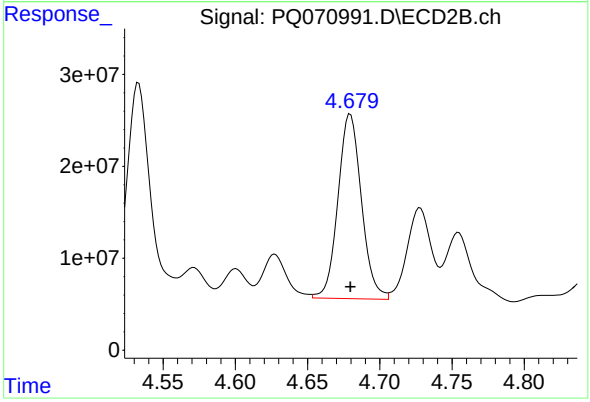

#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 255973065
Conc: 758.14 ng/ml



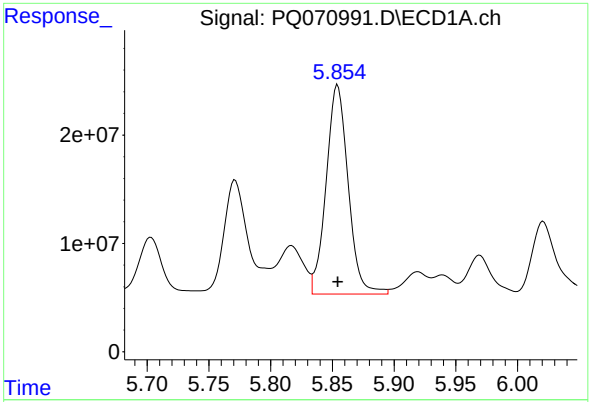

#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 225893559
Conc: 775.19 ng/ml




#27 AR-1254-2

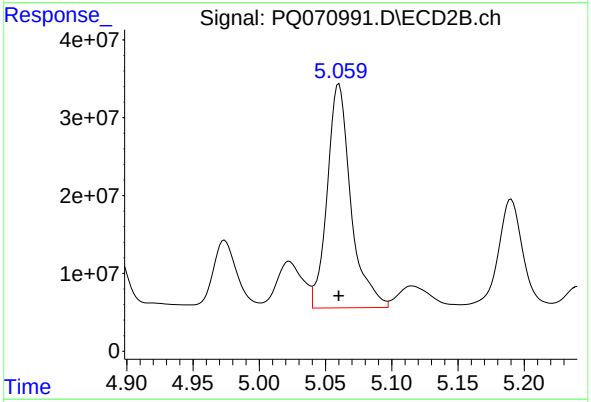
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 226752135
Conc: 763.50 ng/ml




#28 AR-1254-3

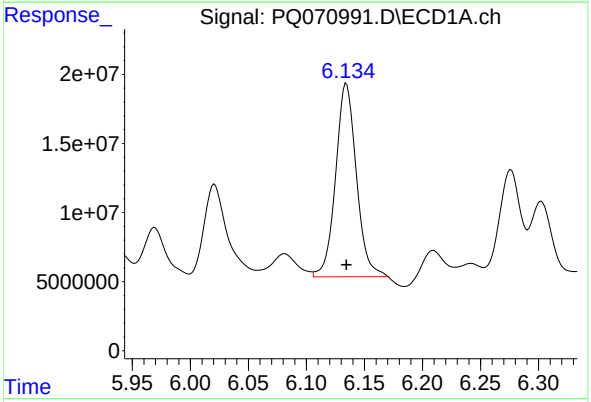
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 240102864
Conc: 771.90 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC750



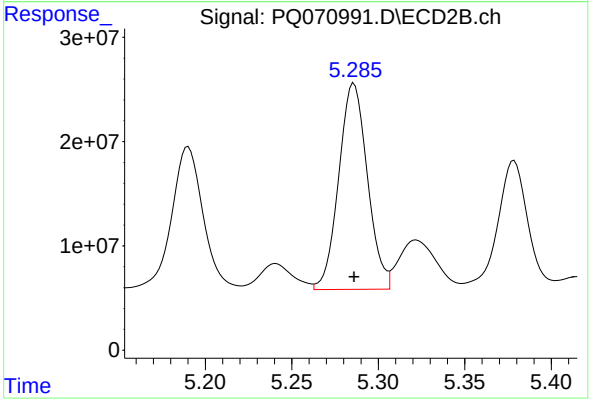

#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 358158828
Conc: 757.73 ng/ml



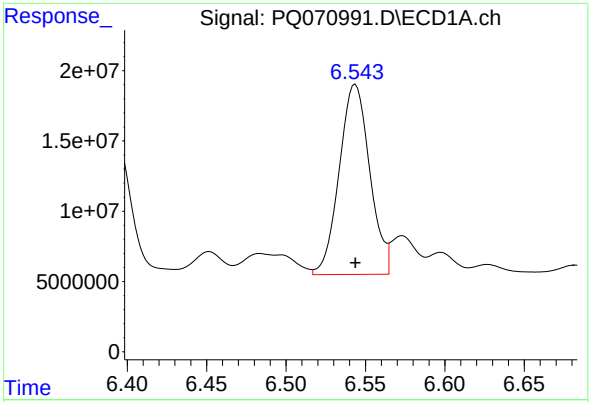

#29 AR-1254-4

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 174485728
Conc: 775.40 ng/ml




#29 AR-1254-4

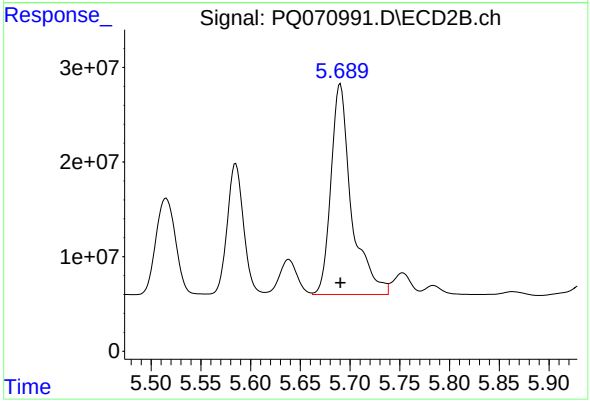
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 227279383
Conc: 755.02 ng/ml




#30 AR-1254-5

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 180828718
Conc: 761.09 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC750




#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 320309594
Conc: 748.36 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:33
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:49:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:49:02 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... | 3.400 | 2.778 | 230.2E6 | 274.2E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.497 | 7.534 | 165.0E6 | 285.8E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.293 | 4.532 | 100.2E6 | 172.8E6 | 500.000 | 500.000 |
| 27) | L6 AR-1254-2 | 5.507 | 4.680 | 150.3E6 | 152.4E6 | 500.000 | 500.000 |
| 28) | L6 AR-1254-3 | 5.855 | 5.060 | 159.3E6 | 242.3E6 | 500.000 | 500.000 |
| 29) | L6 AR-1254-4 | 6.136 | 5.286 | 114.9E6 | 154.3E6 | 500.000 | 500.000 |
| 30) | L6 AR-1254-5 | 6.543 | 5.689 | 121.3E6 | 219.7E6 | 500.000 | 500.000 |

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

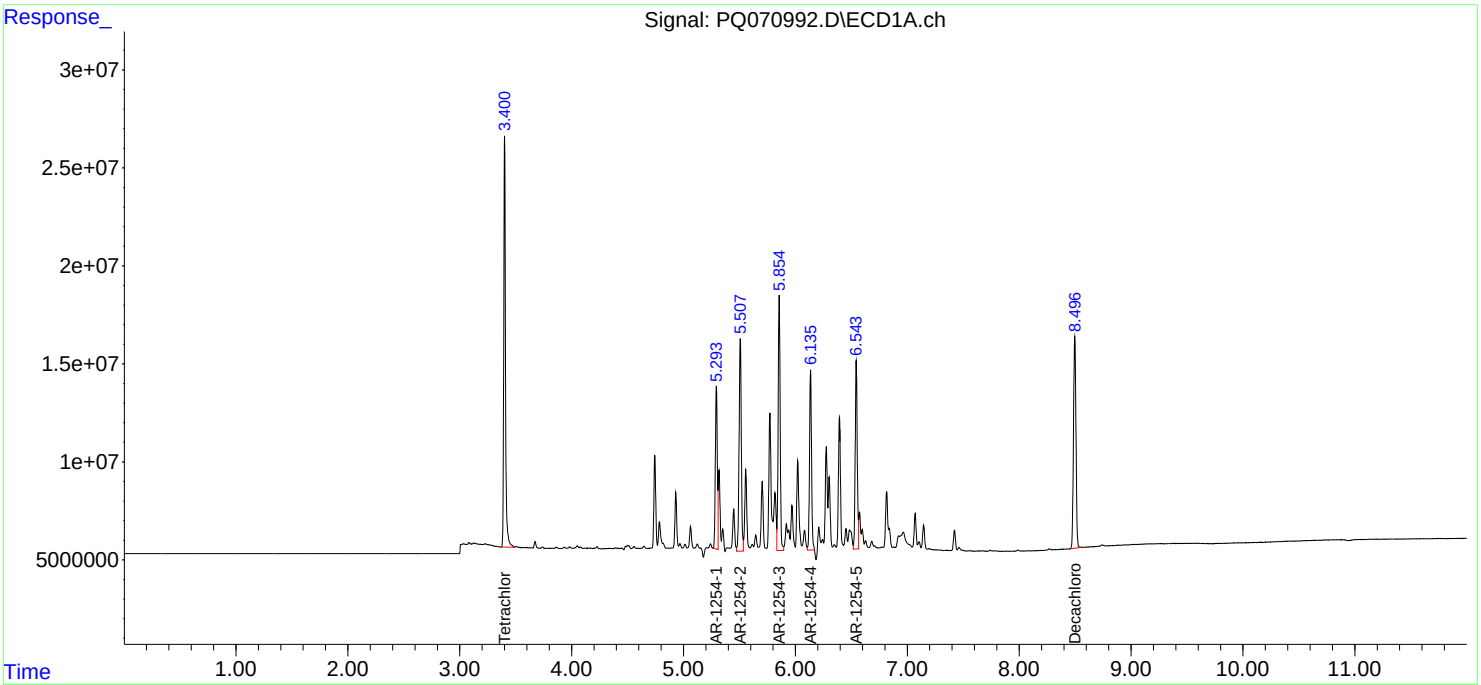
ICAL Form

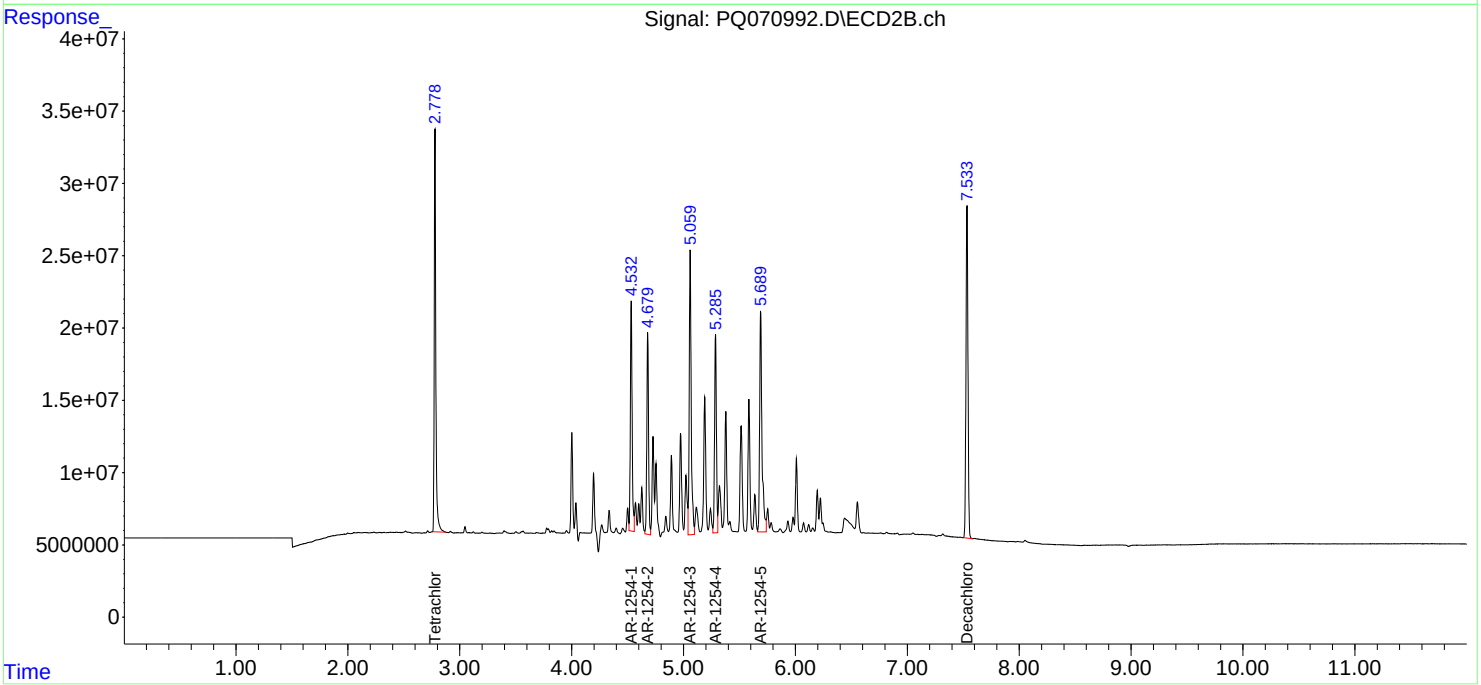
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:33
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

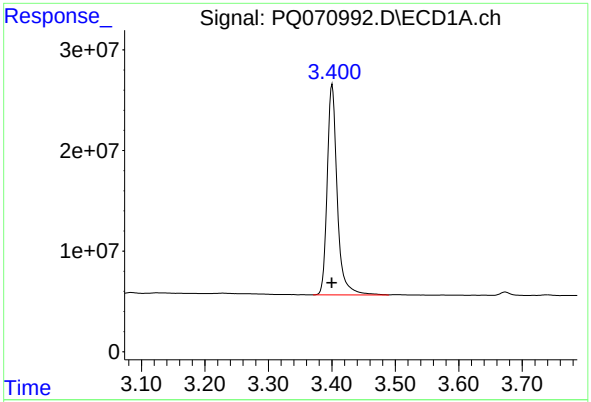
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:49:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:49:02 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



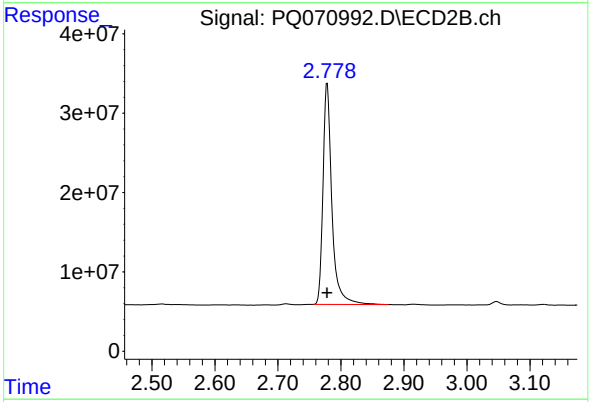






#1 Tetrachloro-m-xylene

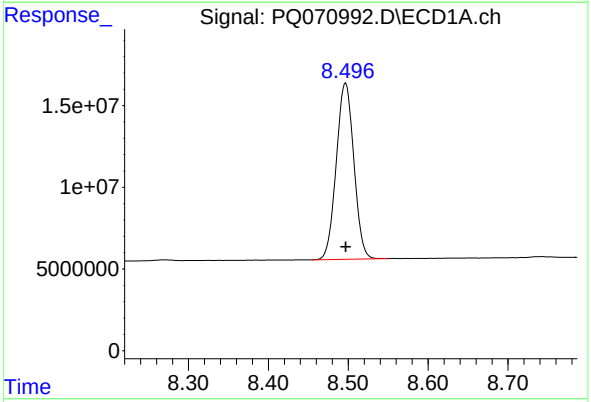
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 230224891
Conc: 50.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC500



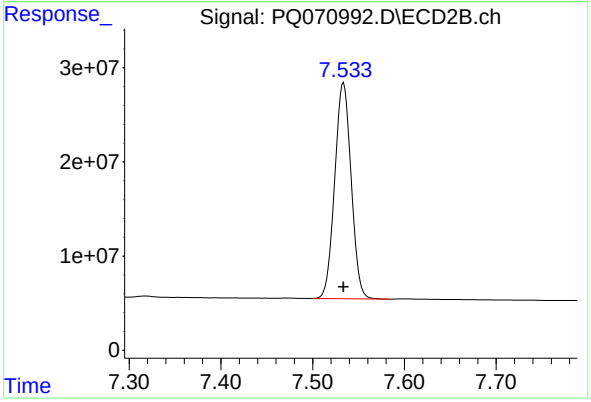

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 274224468
Conc: 50.00 ng/ml



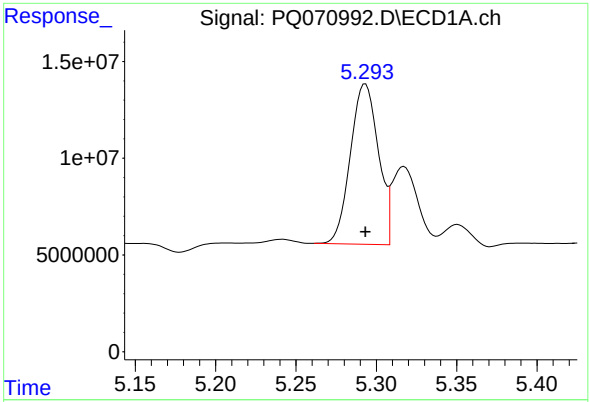

#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 165005727
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

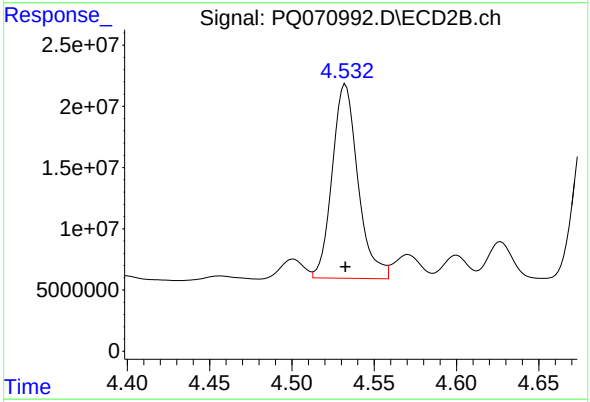
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 285844731
Conc: 50.00 ng/ml




#26 AR-1254-1

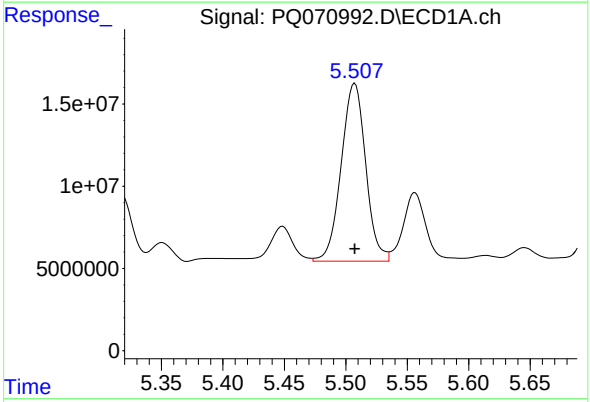
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 100154125
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC500



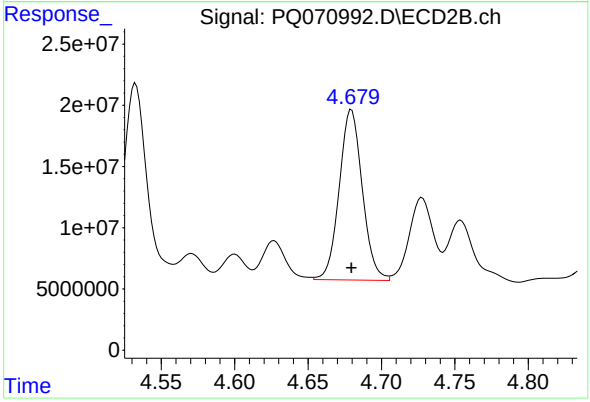

#26 AR-1254-1

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 172752640
Conc: 500.00 ng/ml



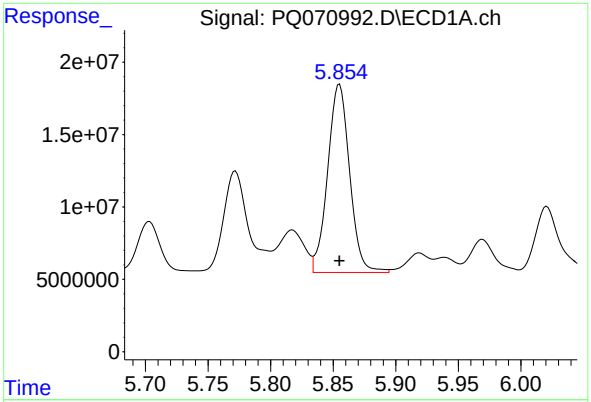

#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 150279116
Conc: 500.00 ng/ml




#27 AR-1254-2

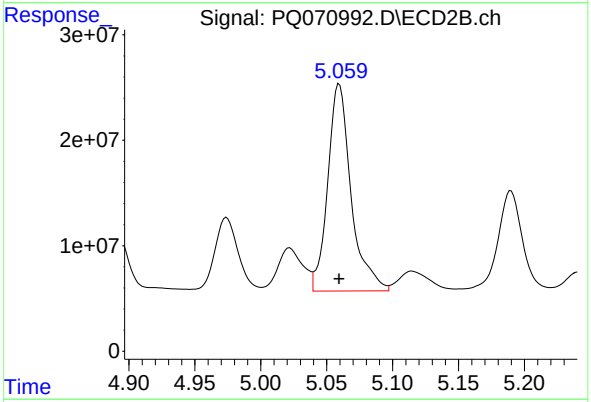
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 152424780
Conc: 500.00 ng/ml




#28 AR-1254-3

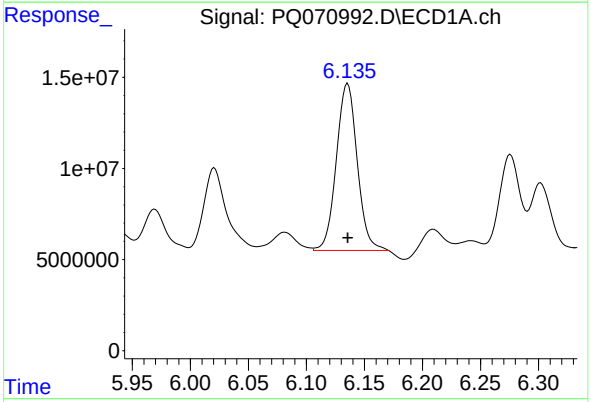
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 159265361
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC500



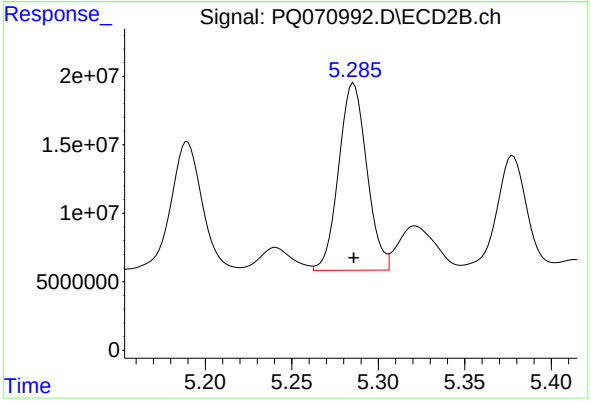

#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 242313593
Conc: 500.00 ng/ml



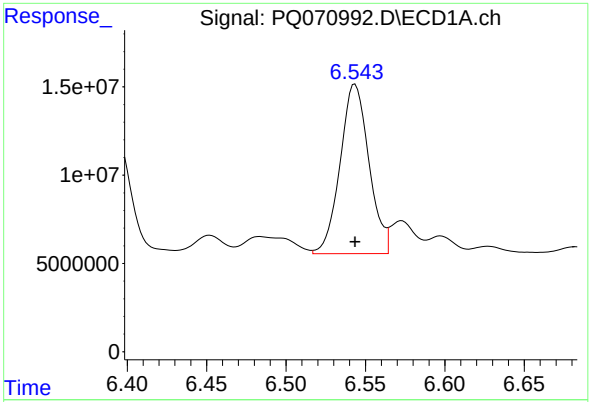

#29 AR-1254-4

R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 114899065
Conc: 500.00 ng/ml




#29 AR-1254-4

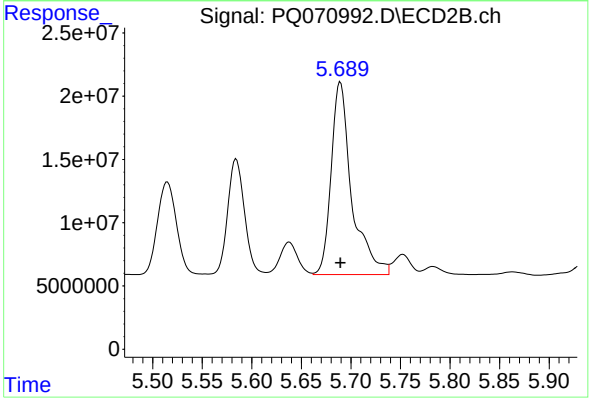
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 154289356
Conc: 500.00 ng/ml




#30 AR-1254-5

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 121288407
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC500




#30 AR-1254-5

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 219747553
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:48
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:02:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:02:26 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... | 3.401 | 2.778 | 115.6E6 | 138.1E6 | 25.327 | 25.369 |
| 2) | SA Decachlor... | 8.497 | 7.534 | 85811055 | 149.3E6 | 26.191 | 26.396 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.293 | 4.533 | 55605487 | 94496803 | 275.527 | 271.759 |
| 27) | L6 AR-1254-2 | 5.507 | 4.679 | 79670910 | 81557409 | 267.151 | 268.017 |
| 28) | L6 AR-1254-3 | 5.855 | 5.060 | 83776868 | 125.4E6 | 264.224 | 261.310 |
| 29) | L6 AR-1254-4 | 6.135 | 5.286 | 59407243 | 79268444 | 260.355 | 259.866 |
| 30) | L6 AR-1254-5 | 6.544 | 5.690 | 62353894 | 113.1E6 | 259.216 | 260.512 |

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

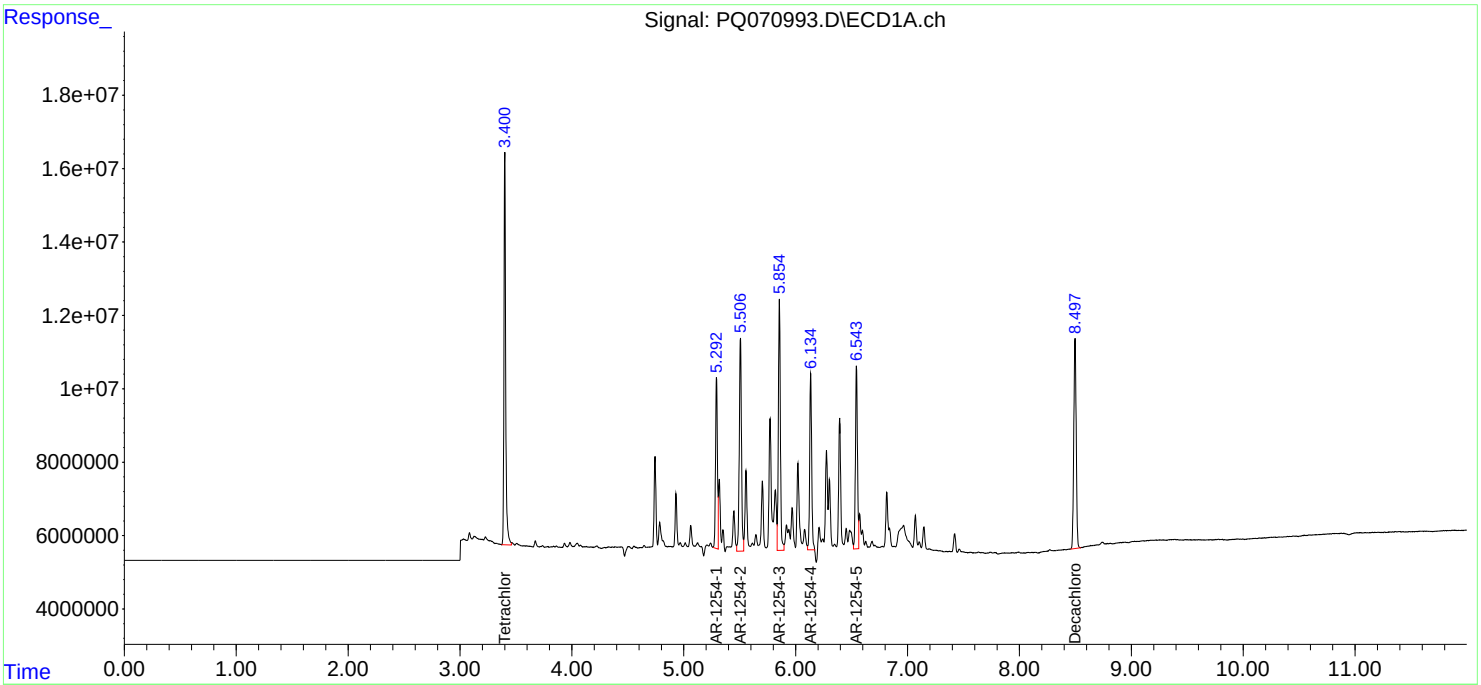
ICAL Form

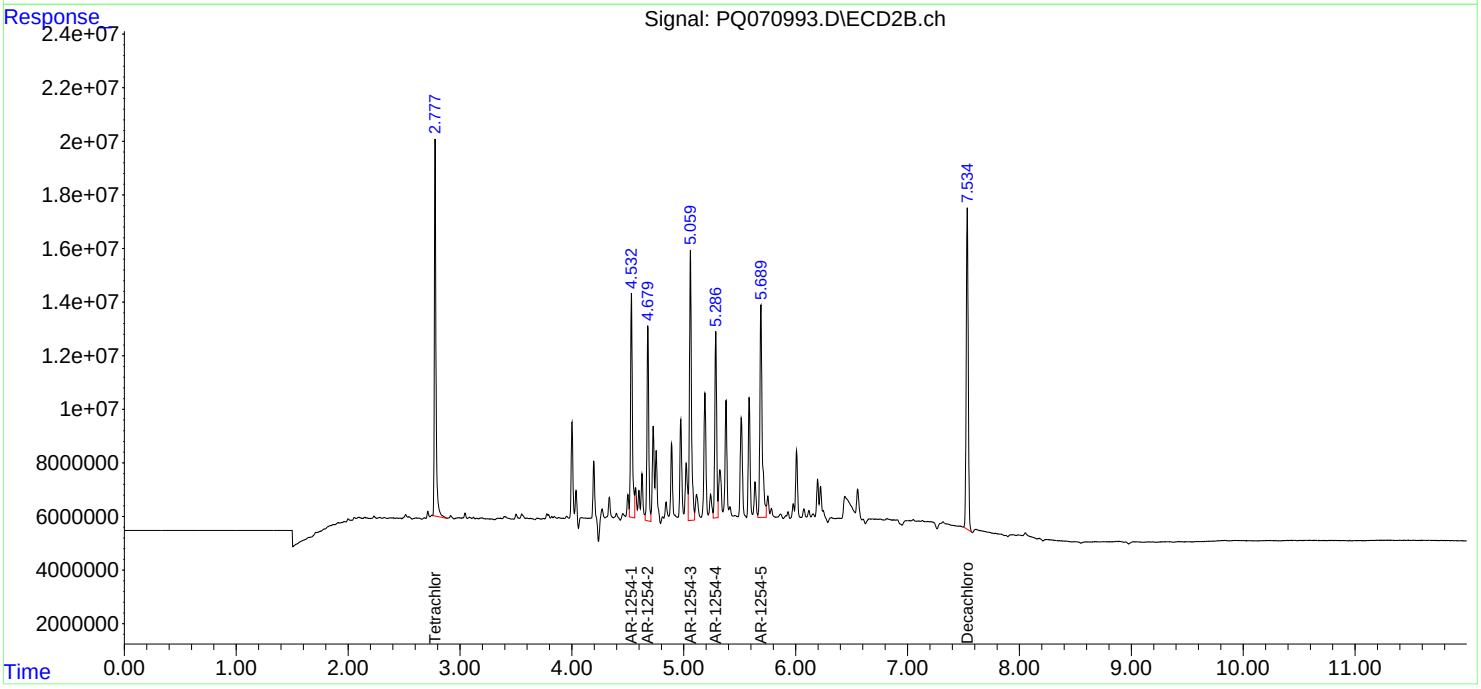
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:48
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

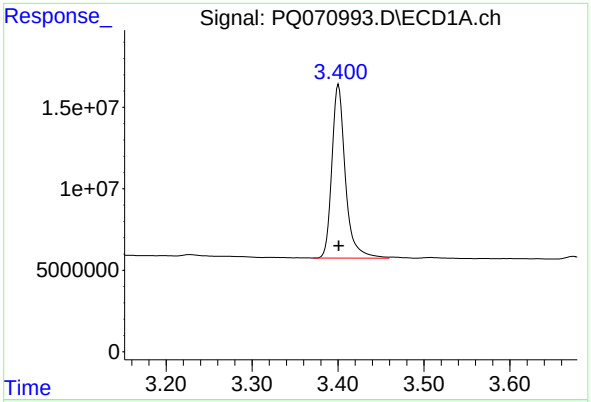
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:02:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:02:26 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



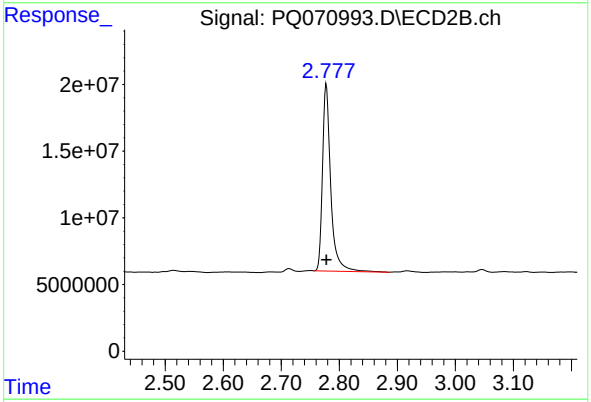






#1 Tetrachloro-m-xylene

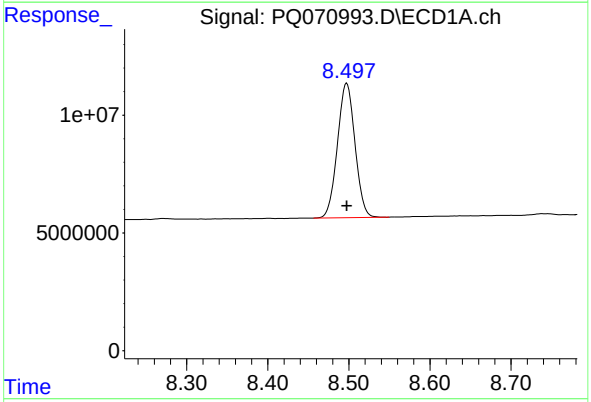
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 115639387
Conc: 25.33 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC250



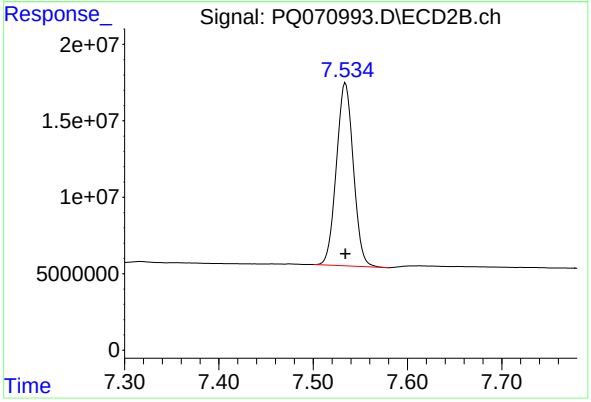

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 138074617
Conc: 25.37 ng/ml



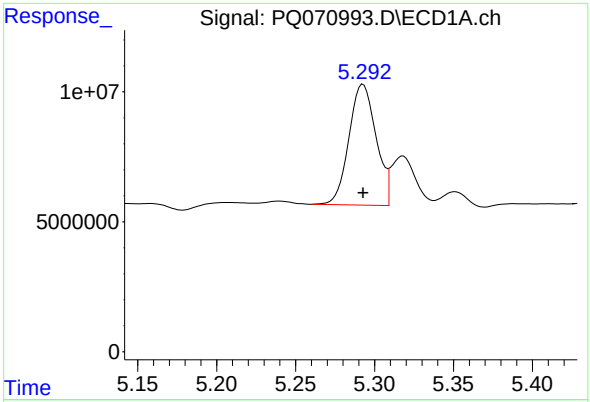

#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 85811055
Conc: 26.19 ng/ml




#2 Decachlorobiphenyl

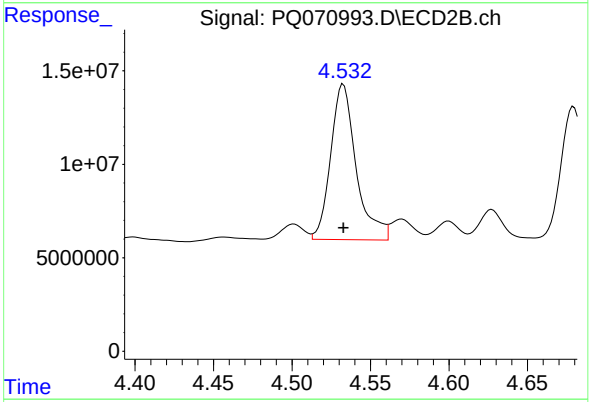
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 149322341
Conc: 26.40 ng/ml




#26 AR-1254-1

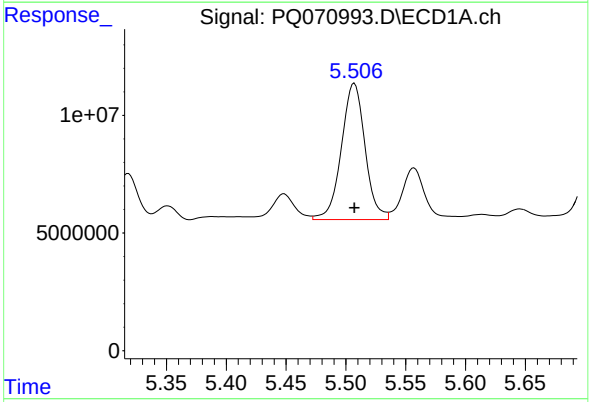
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 55605487
Conc: 275.53 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC250



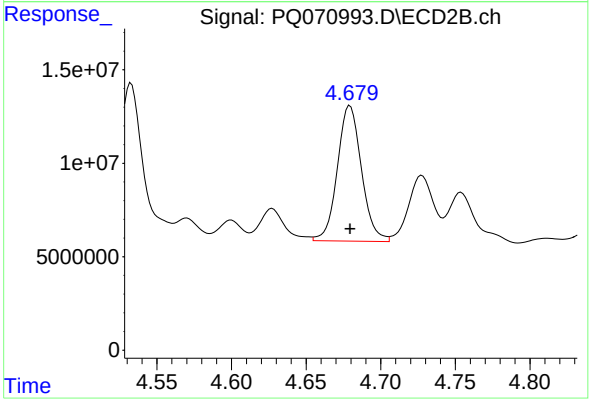

#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 94496803
Conc: 271.76 ng/ml



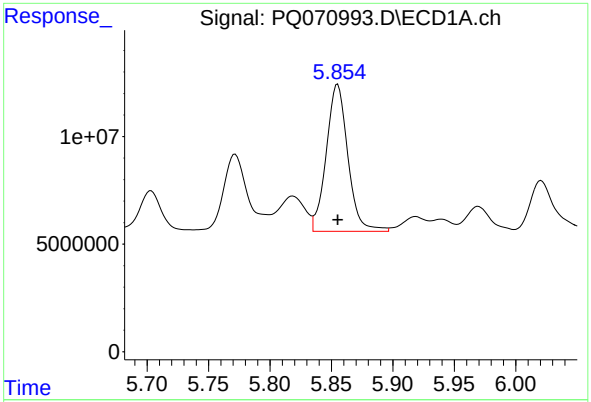

#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 79670910
Conc: 267.15 ng/ml




#27 AR-1254-2

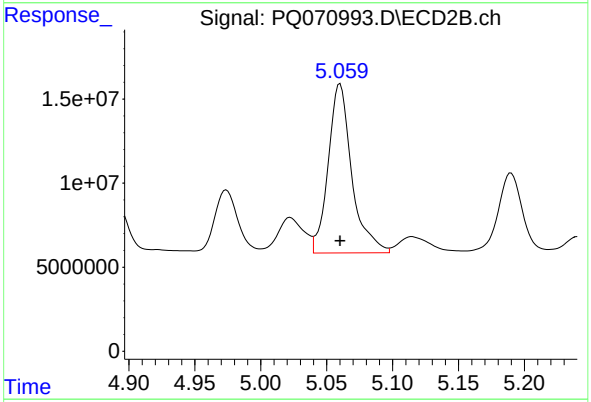
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 81557409
Conc: 268.02 ng/ml




#28 AR-1254-3

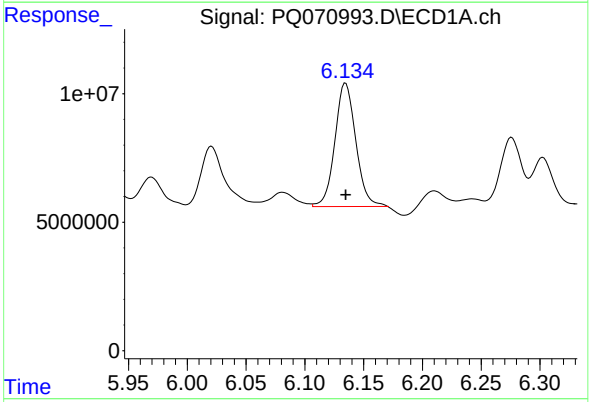
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 83776868
Conc: 264.22 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC250



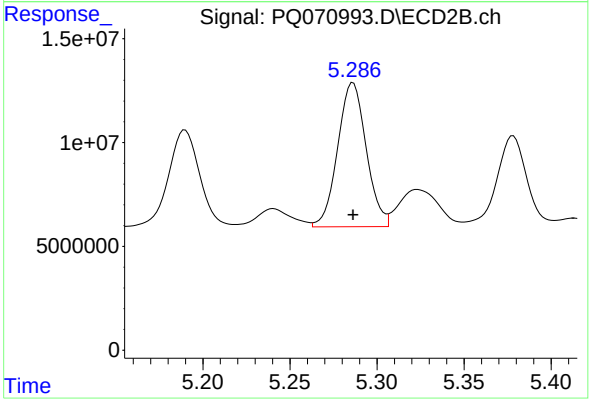

#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 125404807
Conc: 261.31 ng/ml



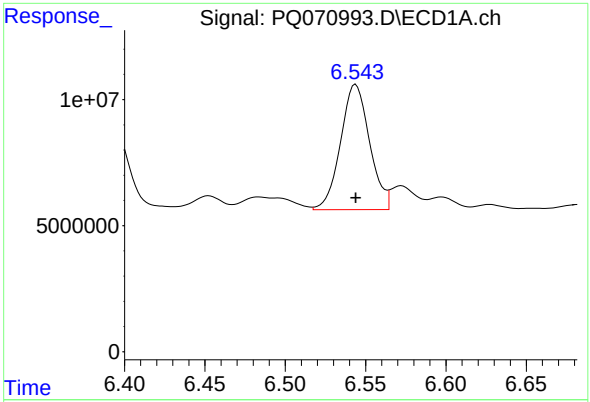

#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 59407243
Conc: 260.35 ng/ml




#29 AR-1254-4

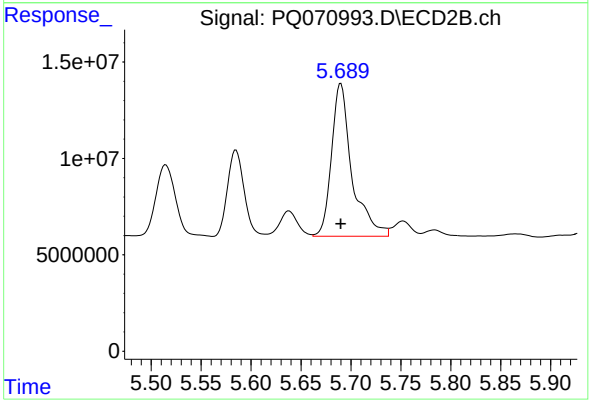
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 79268444
Conc: 259.87 ng/ml




#30 AR-1254-5

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 62353894
Conc: 259.22 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC250




#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 113088081
Conc: 260.51 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:15
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:31:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:31:02 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... | 3.400 | 2.777 | 18509464 | 21190782 | 4.213 | 4.074 |
| 2) | SA Decachlor... | 8.497 | 7.533 | 13621454 | 26282104 | 4.302 | 4.713 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.294 | 4.533 | 8706585 | 14758492 | 44.358 | 43.766 |
| 27) | L6 AR-1254-2 | 5.507 | 4.679 | 12975824 | 13428771 | 44.670 | 45.191 |
| 28) | L6 AR-1254-3 | 5.856 | 5.060 | 13388451 | 20784652 | 43.581 | 44.501 |
| 29) | L6 AR-1254-4 | 6.135 | 5.286 | 9249550 | 12805792 | 42.131 | 43.372 |
| 30) | L6 AR-1254-5 | 6.544 | 5.690 | 9864278 | 18267509 | 42.538 | 43.458 |

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

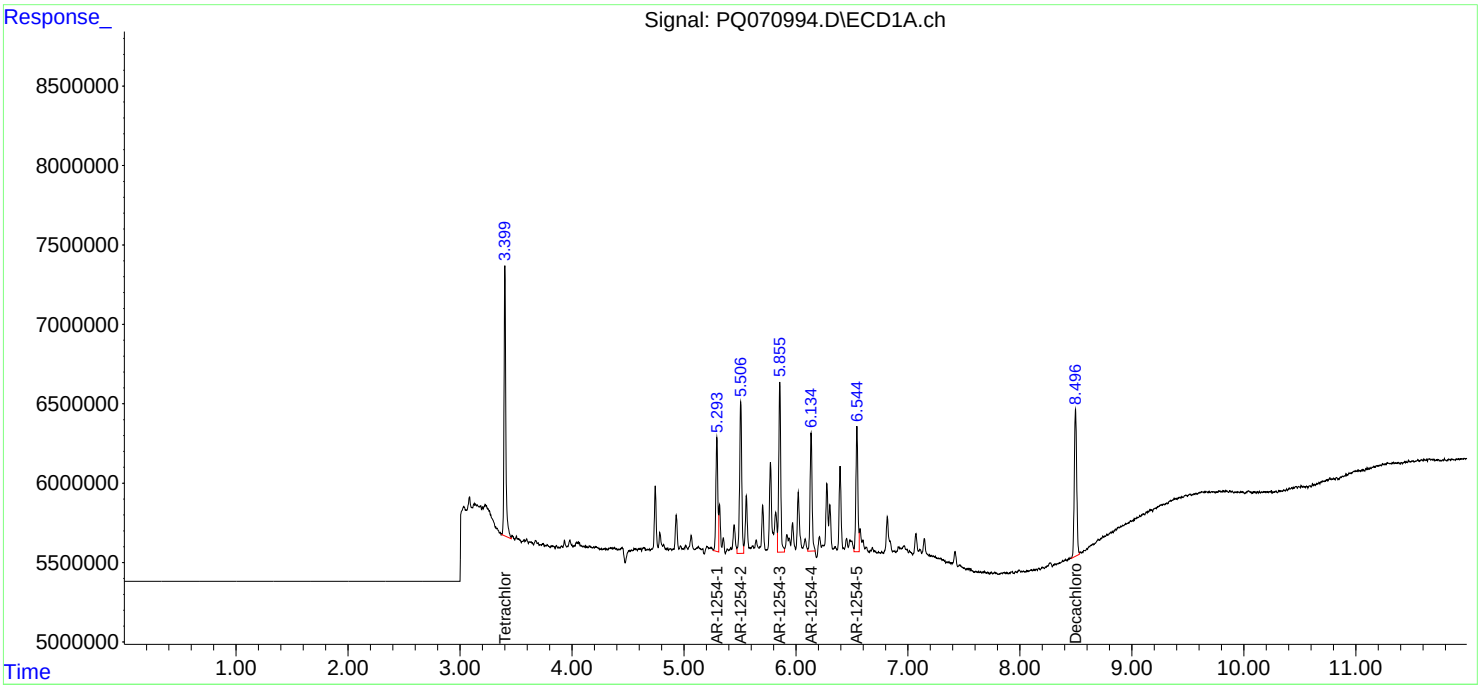
ICAL Form

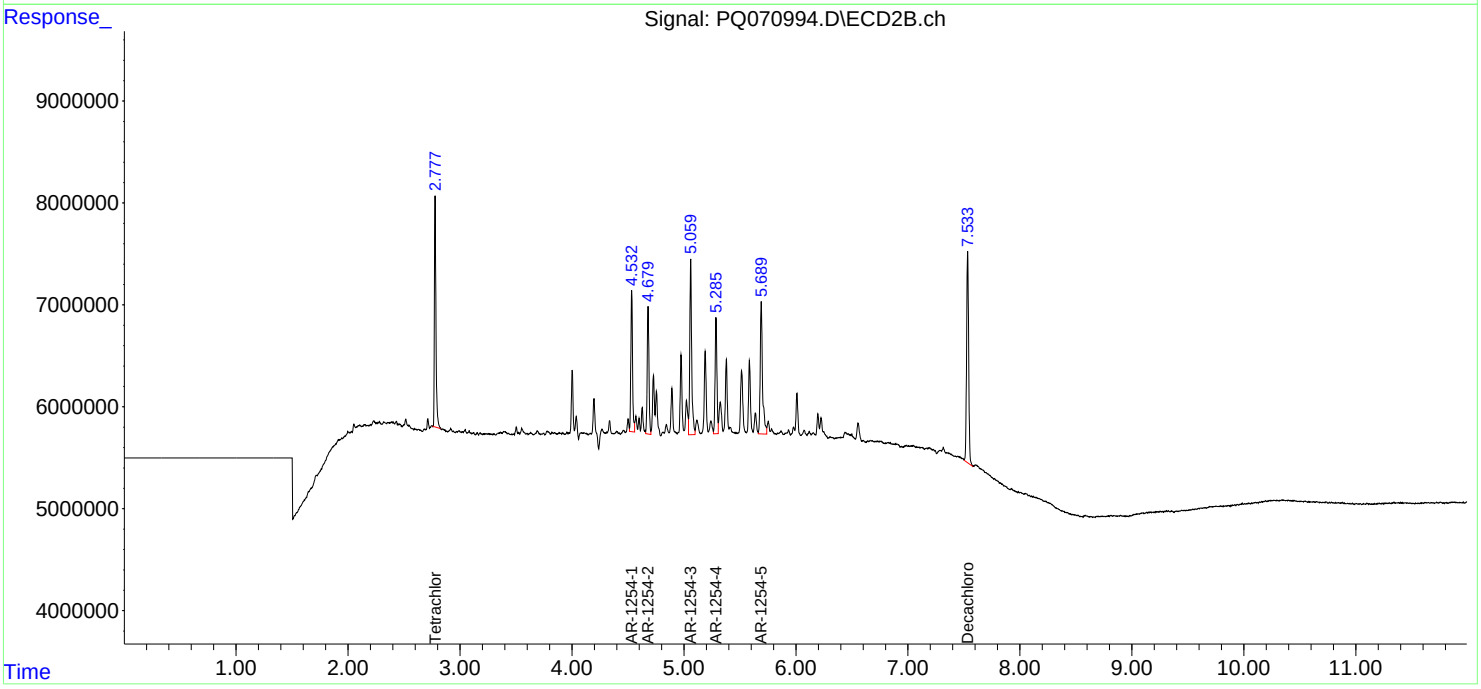
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:15
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

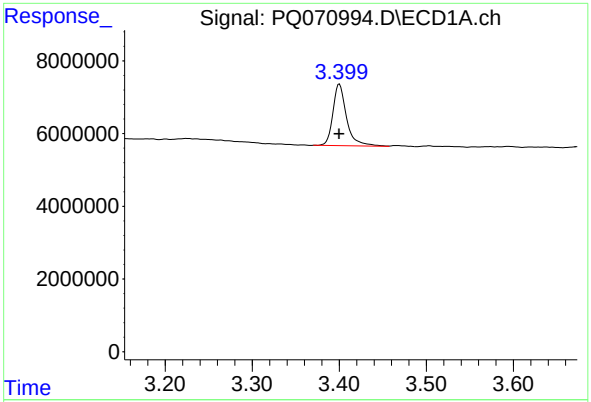
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:31:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:31:02 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



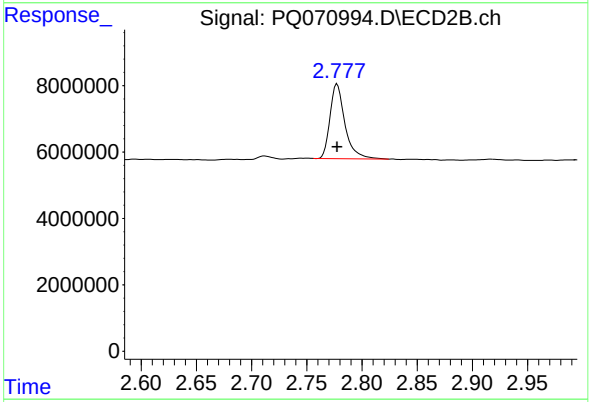






#1 Tetrachloro-m-xylene

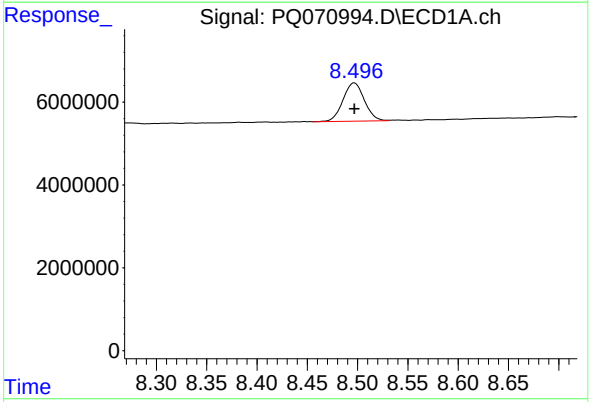
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 18509464
Conc: 4.21 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC050



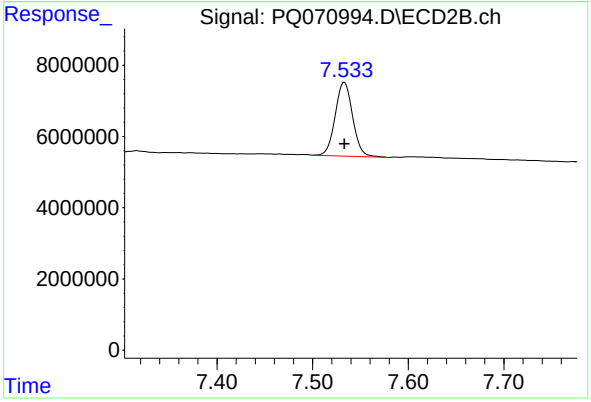

#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 21190782
Conc: 4.07 ng/ml



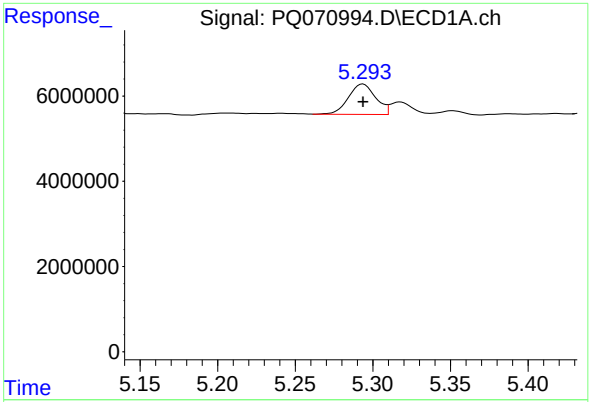

#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 13621454
Conc: 4.30 ng/ml




#2 Decachlorobiphenyl

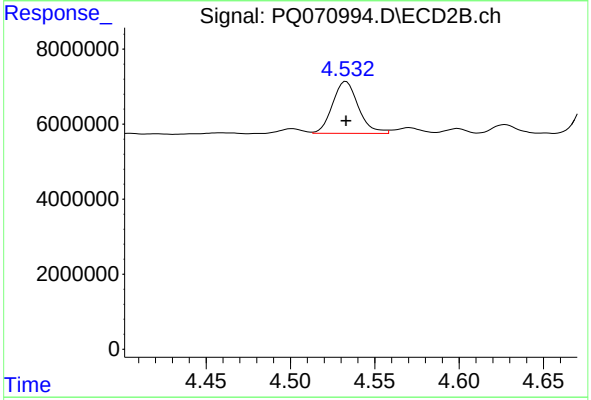
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 26282104
Conc: 4.71 ng/ml




#26 AR-1254-1

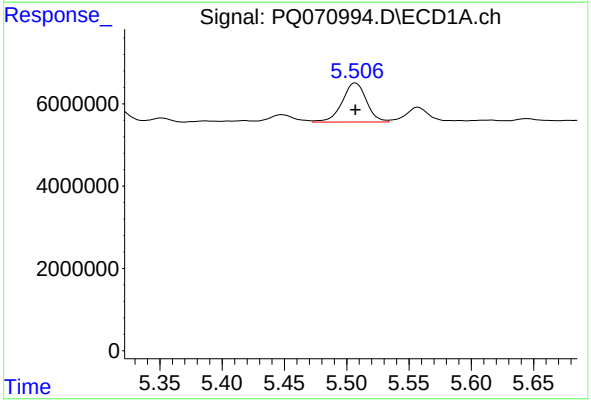
R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 8706585
Conc: 44.36 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC050



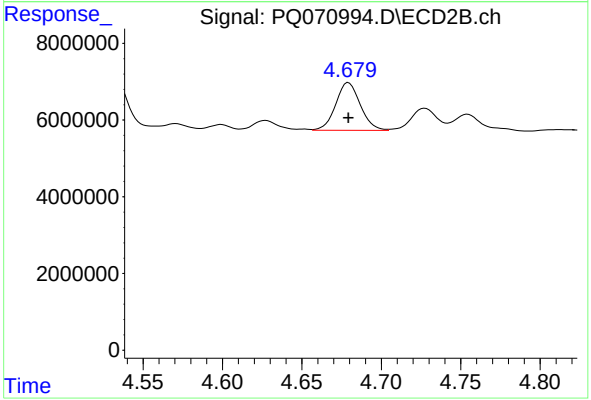

#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 14758492
Conc: 43.77 ng/ml



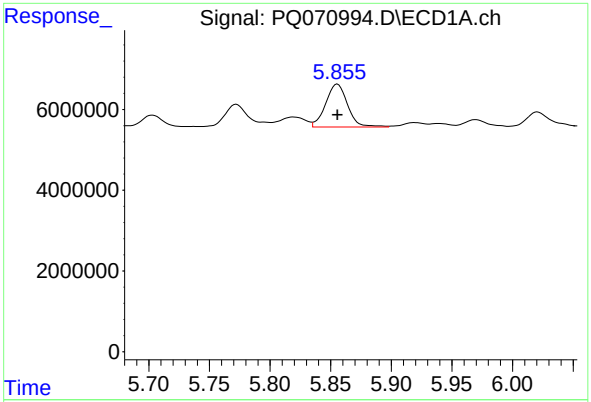

#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 12975824
Conc: 44.67 ng/ml




#27 AR-1254-2

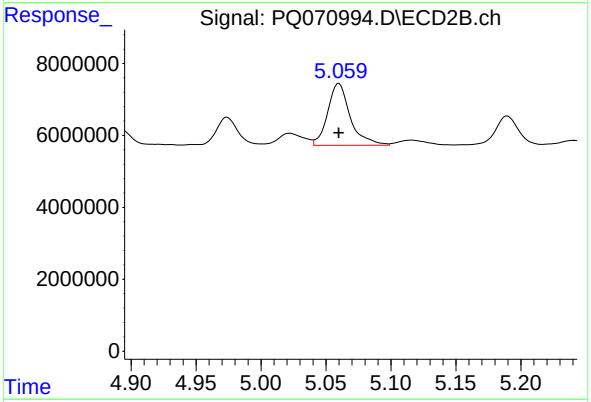
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 13428771
Conc: 45.19 ng/ml




#28 AR-1254-3

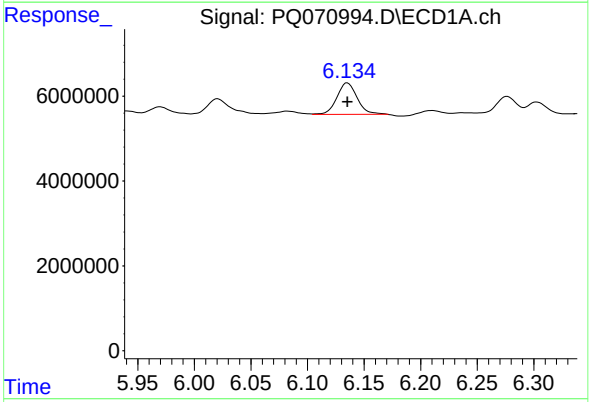
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 13388451
Conc: 43.58 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC050



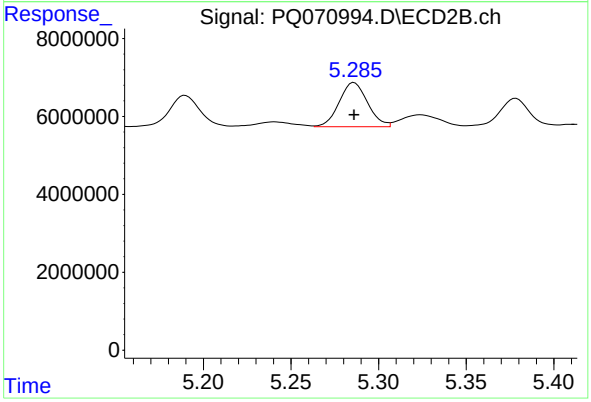

#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 20784652
Conc: 44.50 ng/ml



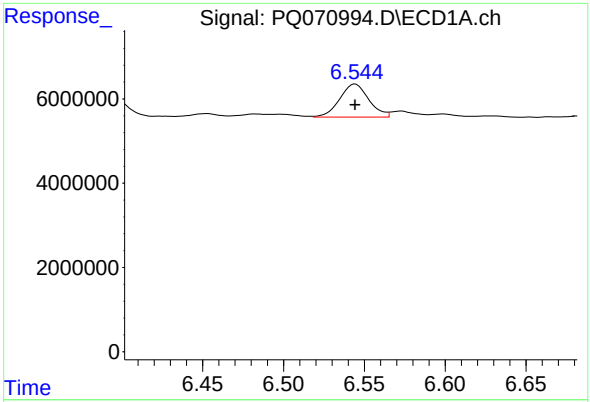

#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 9249550
Conc: 42.13 ng/ml




#29 AR-1254-4

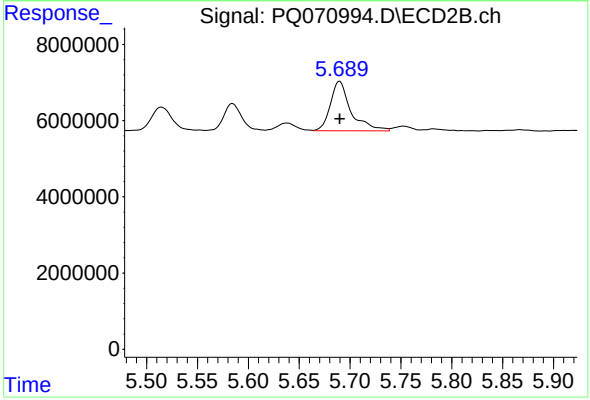
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 12805792
Conc: 43.37 ng/ml




#30 AR-1254-5

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 9864278
Conc: 42.54 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254ICC050




#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 18267509
Conc: 43.46 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:30
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:45:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:45:32 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... | 3.400 | 2.778 | 233.7E6 | 278.1E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.497 | 7.533 | 168.1E6 | 302.5E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 36) | L8 AR-1262-1 | 6.841 | 5.733 | 137.0E6 | 226.2E6 | 500.000 | 500.000 |
| 37) | L8 AR-1262-2 | 7.146 | 5.979 | 249.2E6 | 213.9E6 | 500.000 | 500.000 |
| 38) | L8 AR-1262-3 | 7.419 | 6.500 | 164.3E6 | 166.4E6 | 500.000 | 500.000 |
| 39) | L8 AR-1262-4 | 7.492 | 6.561 | 126.2E6 | 308.4E6 | 500.000 | 500.000 |
| 40) | L8 AR-1262-5 | 7.988 | 7.051 | 82174920 | 151.5E6 | 500.000 | 500.000 |

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

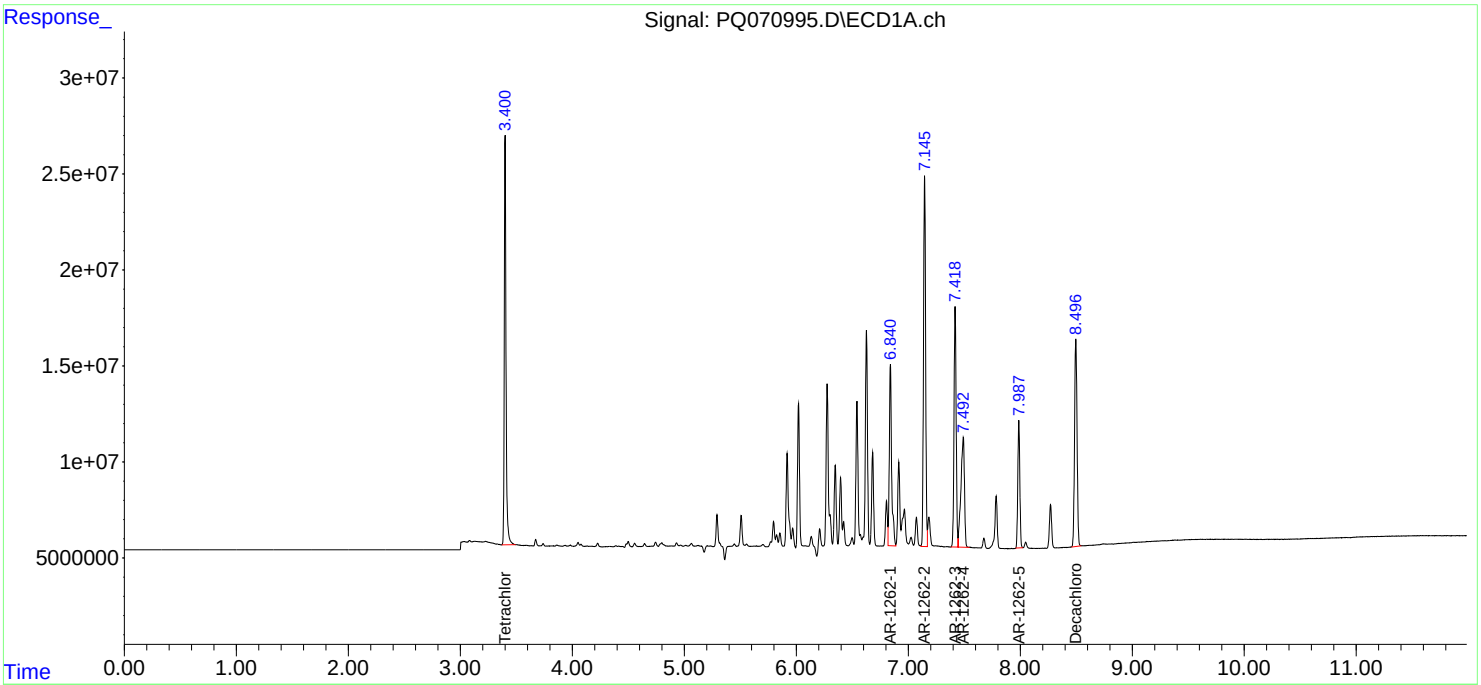
ICAL Form

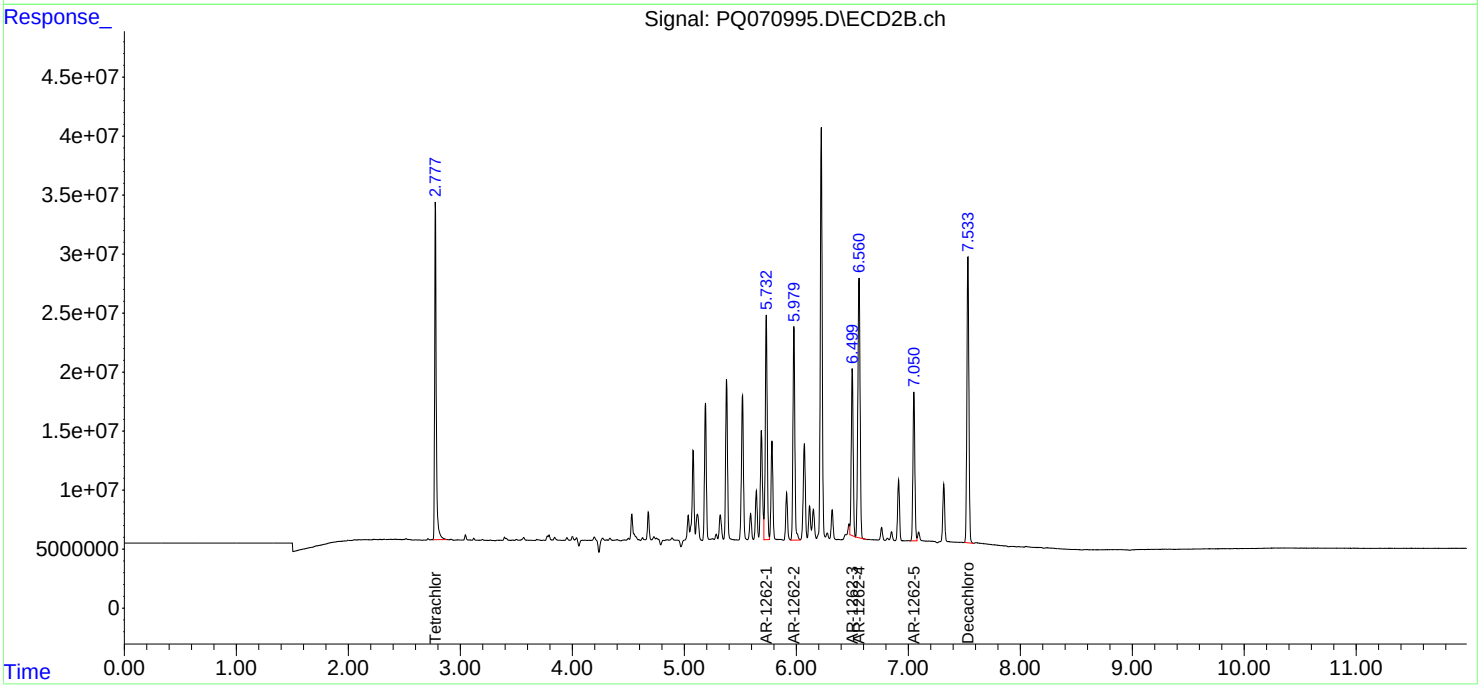
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:30
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

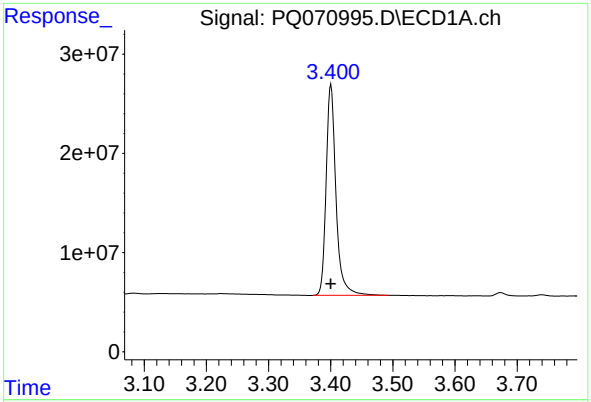
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:45:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:45:32 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



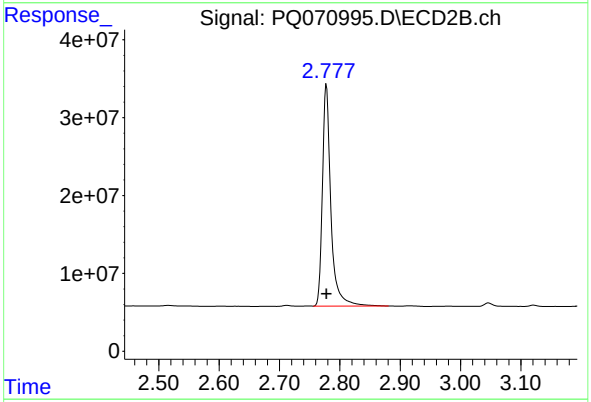






#1 Tetrachloro-m-xylene

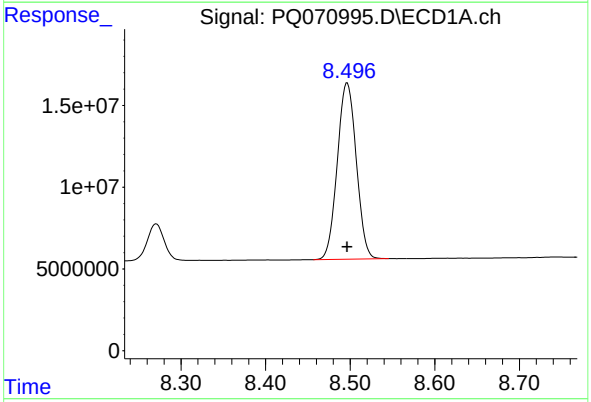
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 233674057
Conc: 50.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1262ICC500



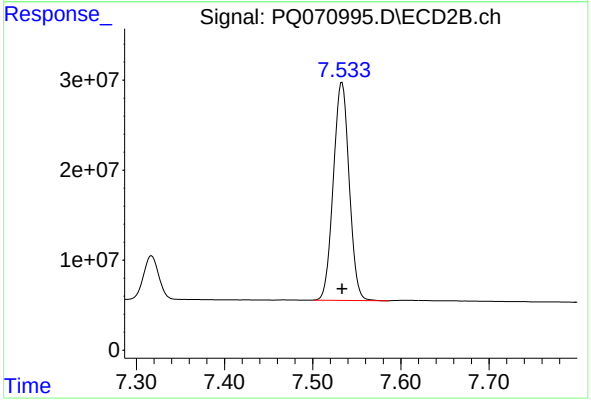

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 278097352
Conc: 50.00 ng/ml



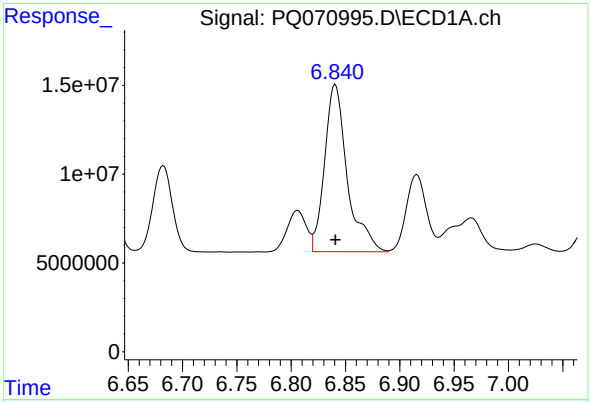

#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 168129535
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

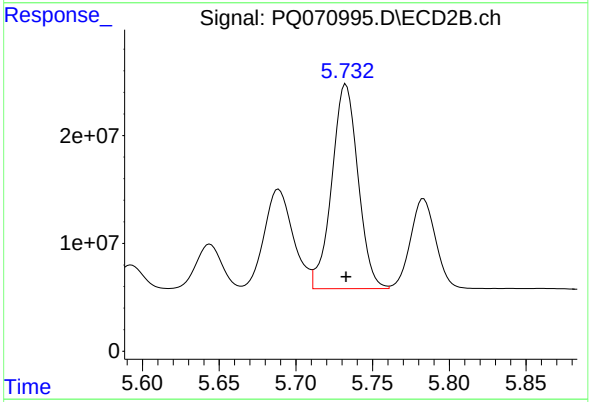
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 302467313
Conc: 50.00 ng/ml




#36 AR-1262-1

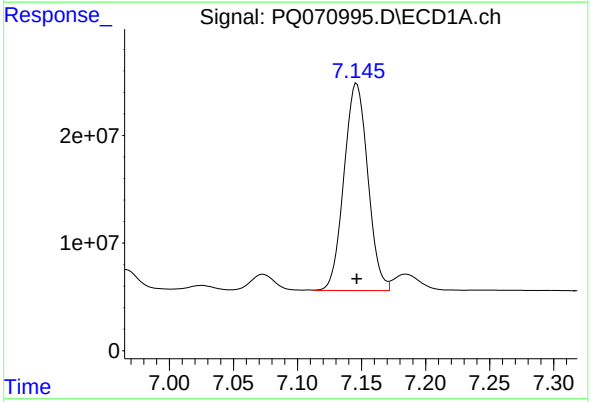
R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 137009240
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1262ICC500



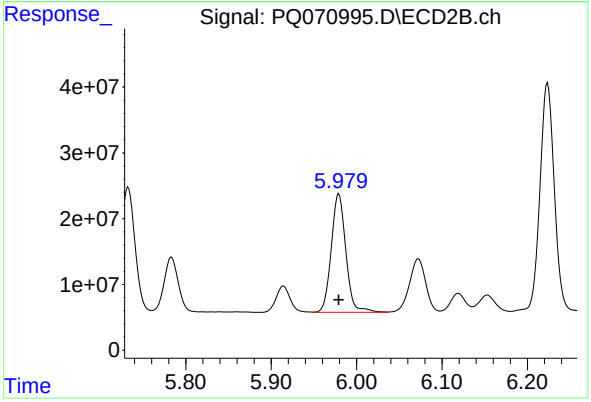

#36 AR-1262-1

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 226243354
Conc: 500.00 ng/ml



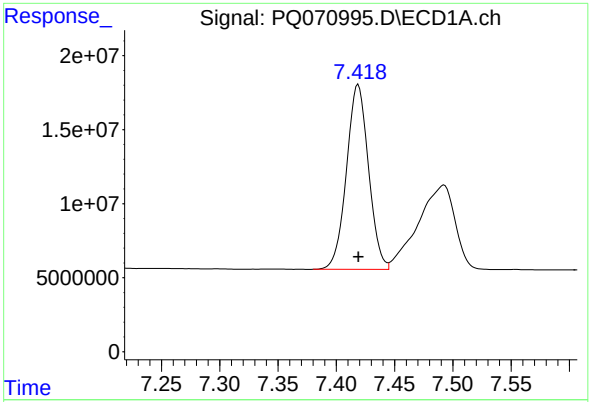

#37 AR-1262-2

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 249238238
Conc: 500.00 ng/ml




#37 AR-1262-2

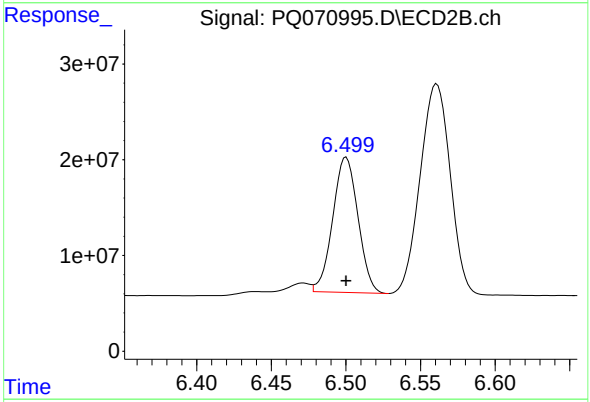
R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 213850677
Conc: 500.00 ng/ml




#38 AR-1262-3

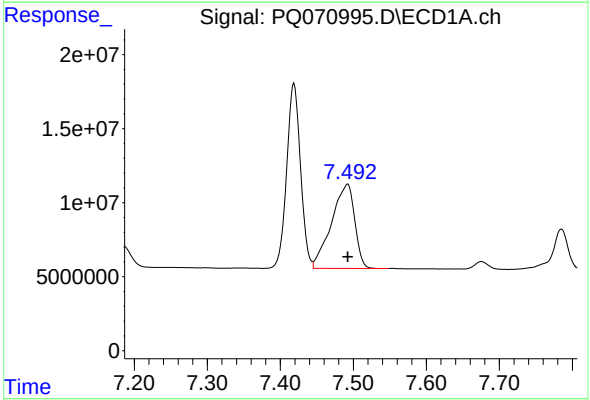
R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 164329640
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1262ICC500



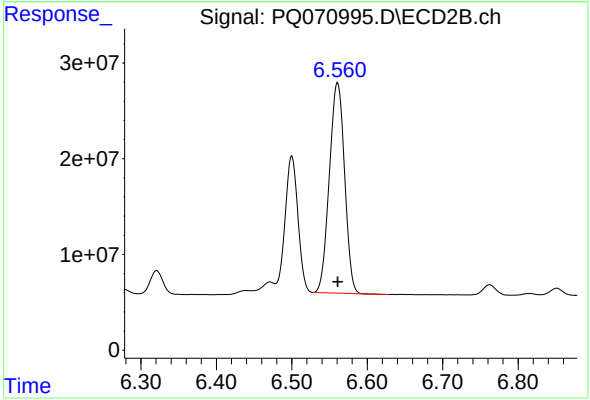

#38 AR-1262-3

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 166353751
Conc: 500.00 ng/ml



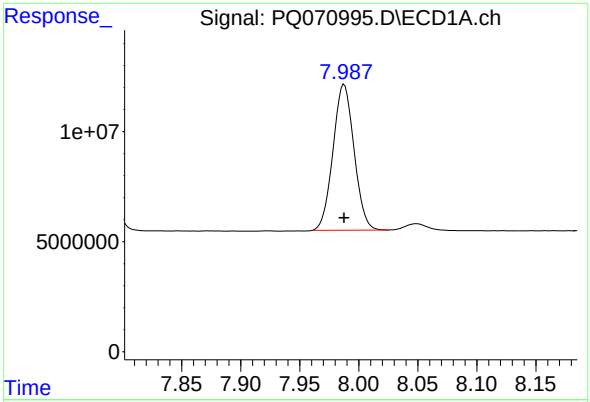

#39 AR-1262-4

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 126169859
Conc: 500.00 ng/ml




#39 AR-1262-4

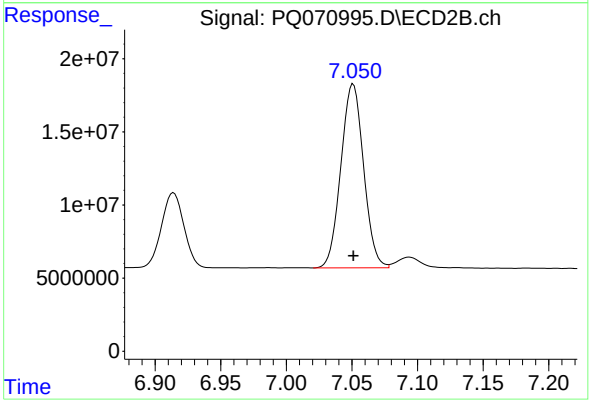
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 308409736
Conc: 500.00 ng/ml




#40 AR-1262-5

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 82174920
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1262ICC500




#40 AR-1262-5

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 151493238
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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... | 3.400 | 2.778 | 473.5E6 | 558.2E6 | 98.121 | 98.662 |
| 2) | SA Decachlor... | 8.496 | 7.533 | 575.8E6 | 1040.1E6 | 97.627 | 97.468 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.418 | 6.501 | 555.6E6 | 931.5E6 | 975.616 | 977.850 |
| 42) | L9 AR-1268-2 | 7.494 | 6.563 | 510.3E6 | 858.9E6 | 977.260 | 976.287 |
| 43) | L9 AR-1268-3 | 7.676 | 6.763 | 416.5E6 | 746.0E6 | 976.432 | 977.977 |
| 44) | L9 AR-1268-4 | 7.988 | 7.051 | 179.4E6 | 330.2E6 | 972.218 | 977.102 |
| 45) | L9 AR-1268-5 | 8.271 | 7.318 | 1283.2E6 | 2374.7E6 | 985.329 | 987.978 |

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

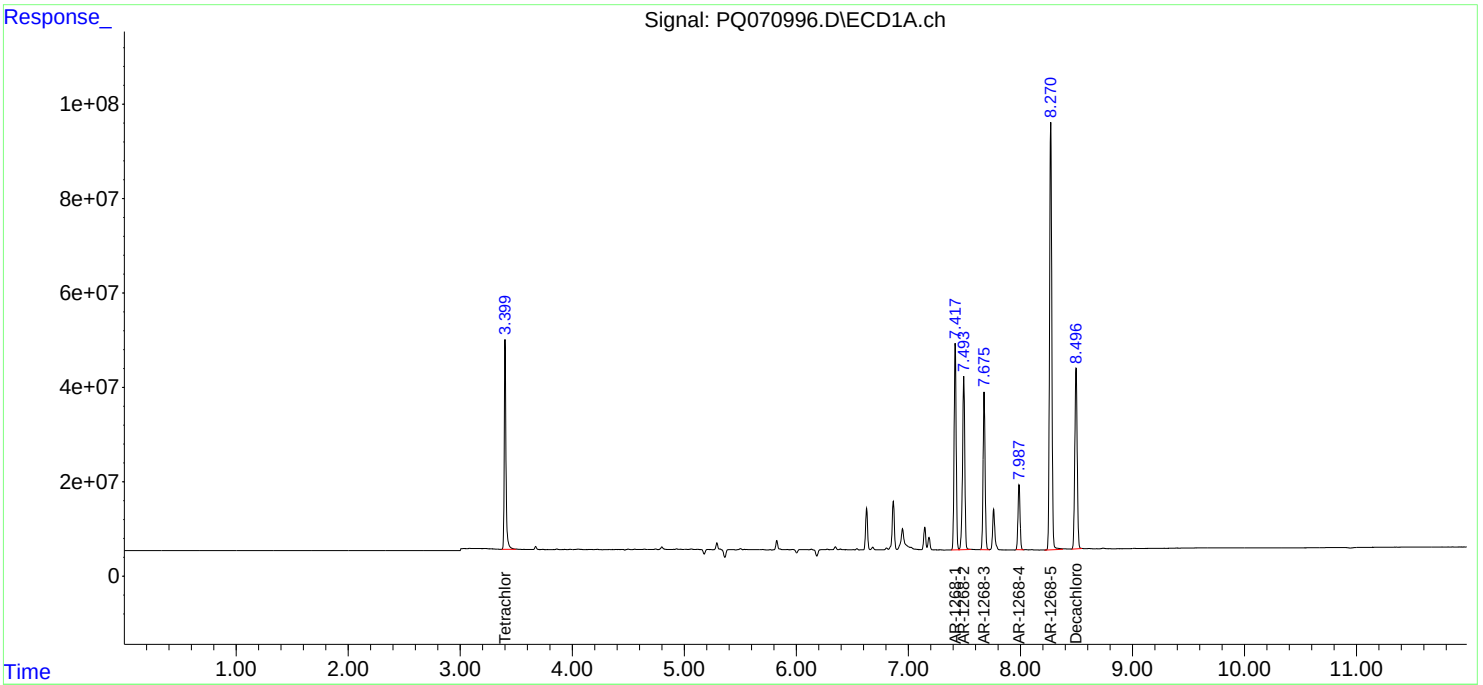
ICAL Form

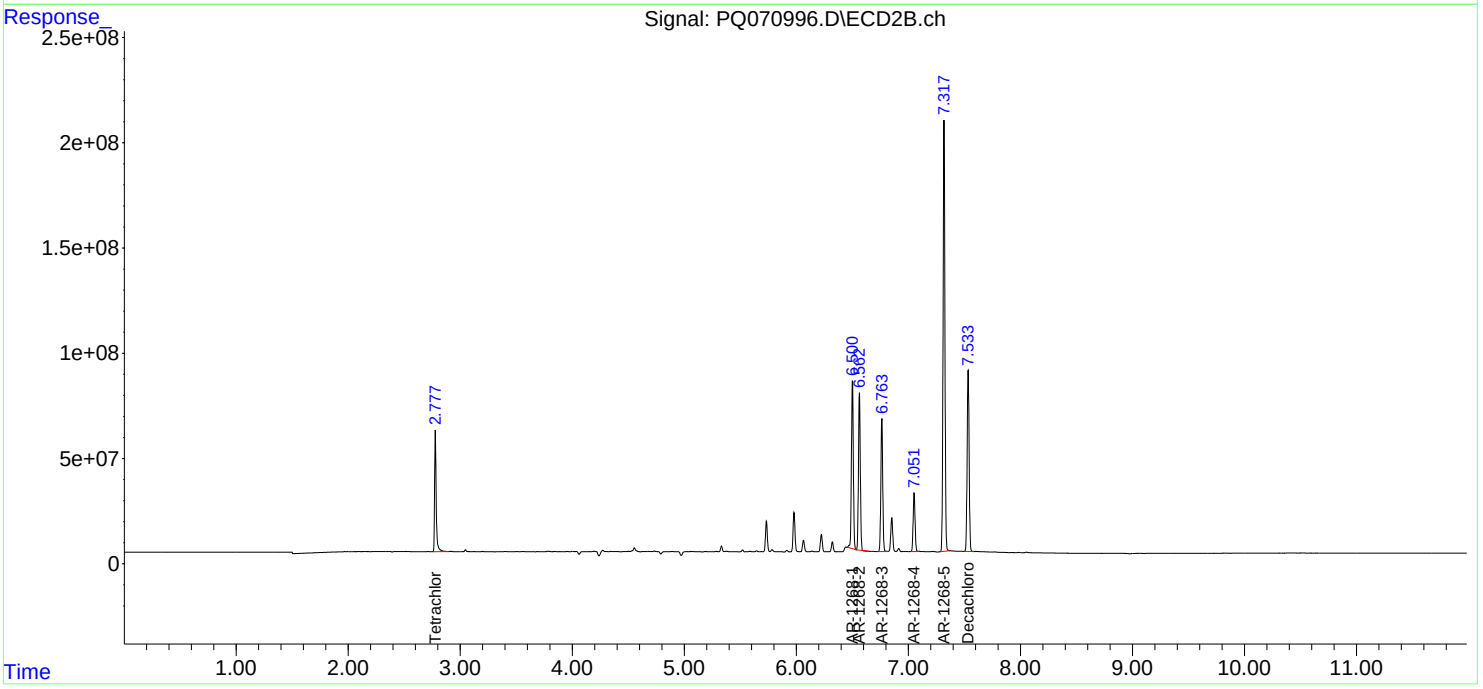
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

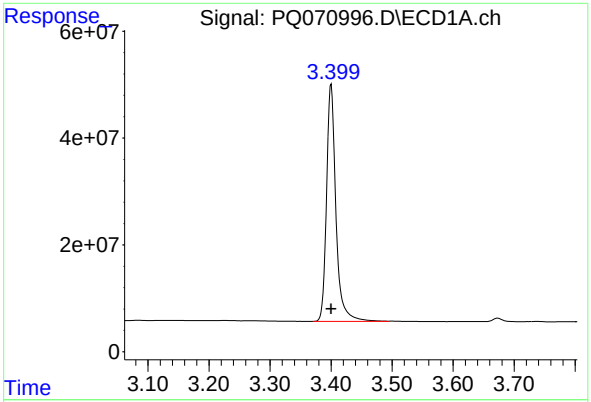
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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



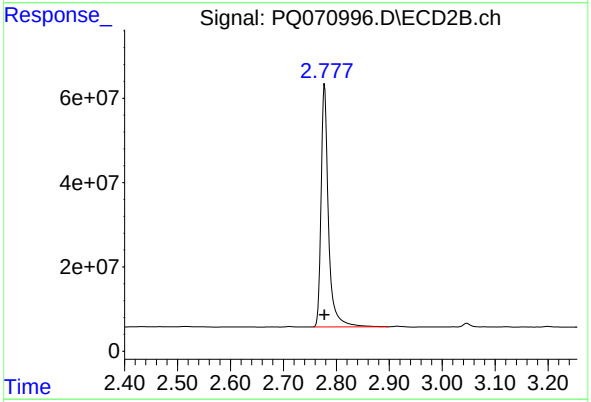






#1 Tetrachloro-m-xylene

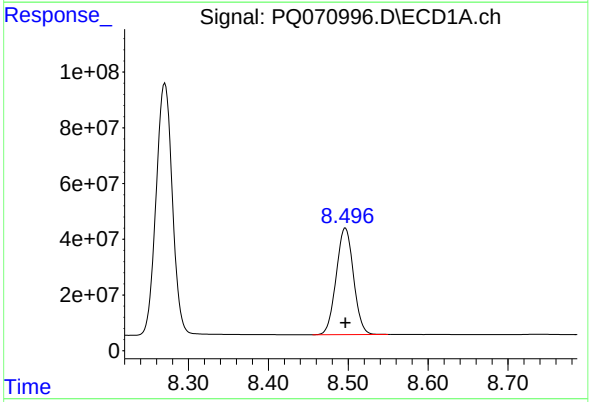
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 473487442
Conc: 98.12 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC1000



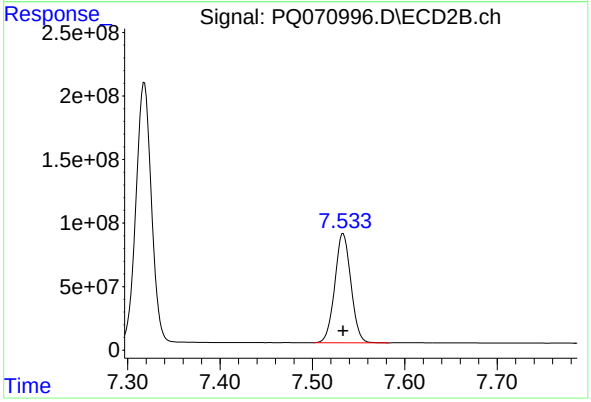

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 558165948
Conc: 98.66 ng/ml



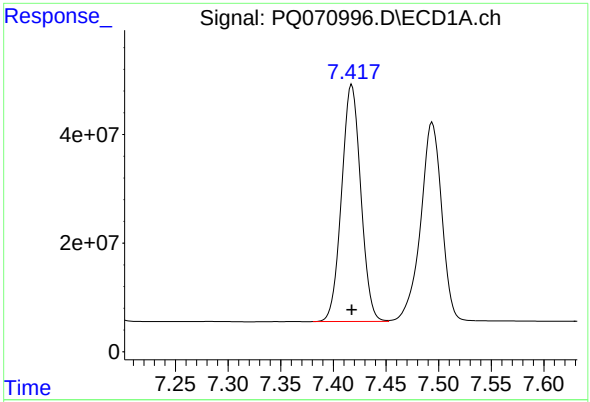

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 575751429
Conc: 97.63 ng/ml




#2 Decachlorobiphenyl

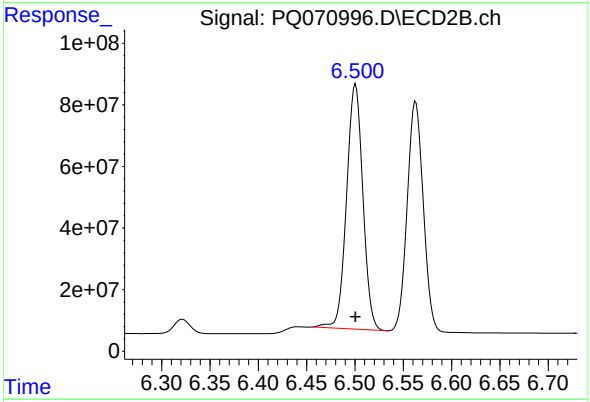
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 1040108591
Conc: 97.47 ng/ml




#41 AR-1268-1

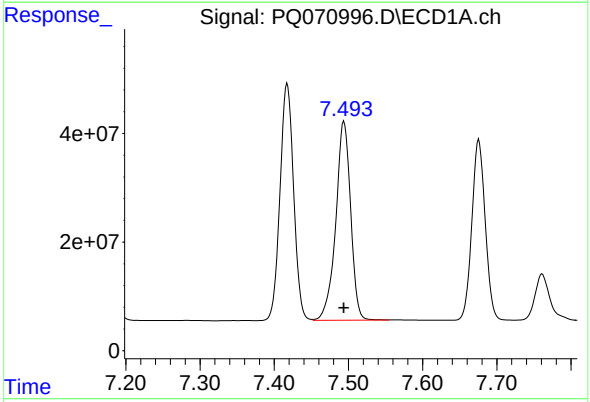
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 555593291
Conc: 975.62 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC1000



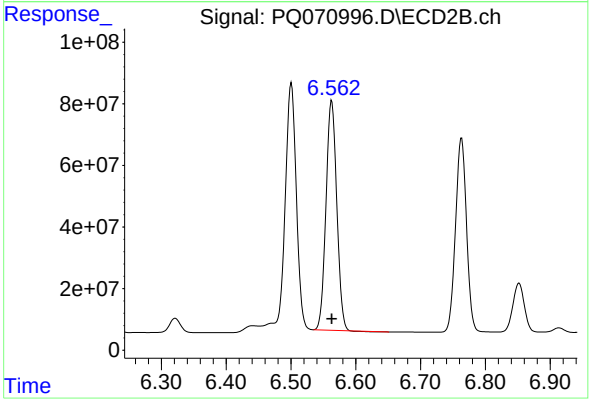

#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 931455367
Conc: 977.85 ng/ml



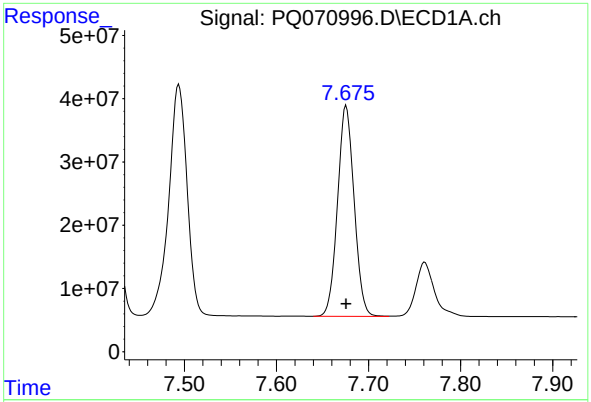

#42 AR-1268-2

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 510325576
Conc: 977.26 ng/ml




#42 AR-1268-2

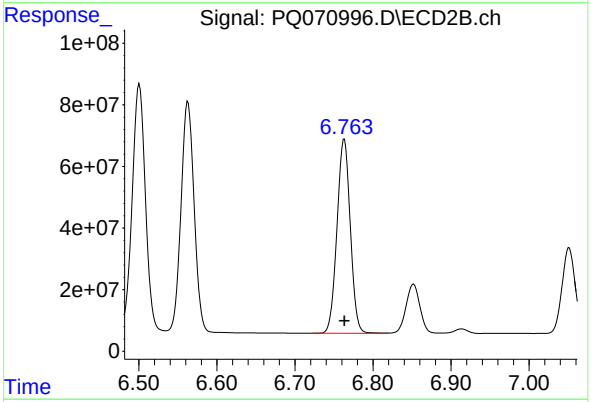
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 858872879
Conc: 976.29 ng/ml




#43 AR-1268-3

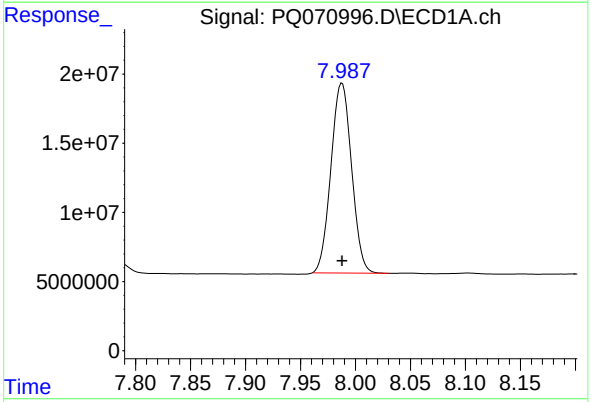
R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 416538407
Conc: 976.43 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC1000



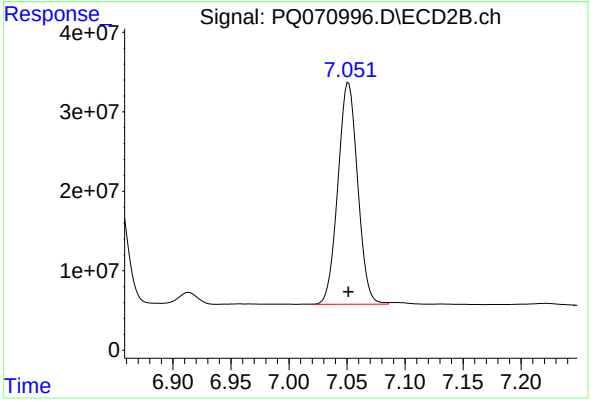

#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 746016914
Conc: 977.98 ng/ml



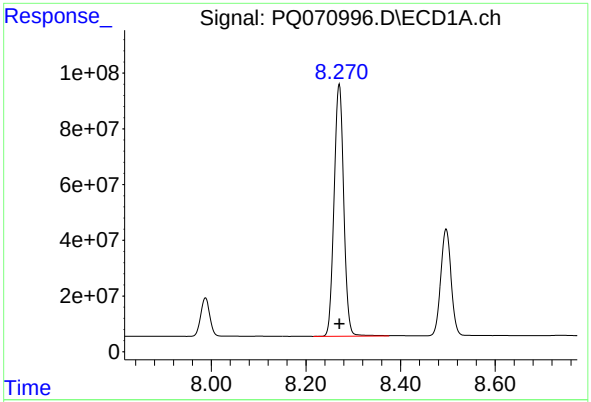

#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 179373252
Conc: 972.22 ng/ml




#44 AR-1268-4

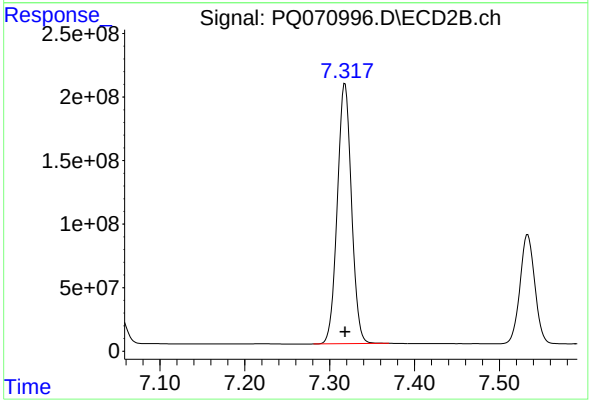
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 330162118
Conc: 977.10 ng/ml




#45 AR-1268-5

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 1283167757
Conc: 985.33 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC1000




#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 2374681378
Conc: 987.98 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:59
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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... | 3.400 | 2.778 | 365.3E6 | 429.7E6 | 75.472 | 75.638 |
| 2) | SA Decachlor... | 8.496 | 7.533 | 443.5E6 | 805.2E6 | 75.137 | 75.305 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.417 | 6.501 | 429.3E6 | 721.3E6 | 752.594 | 754.792 |
| 42) | L9 AR-1268-2 | 7.495 | 6.564 | 393.0E6 | 668.4E6 | 751.776 | 756.465 |
| 43) | L9 AR-1268-3 | 7.677 | 6.763 | 320.6E6 | 577.3E6 | 751.101 | 754.528 |
| 44) | L9 AR-1268-4 | 7.988 | 7.051 | 139.1E6 | 254.6E6 | 752.792 | 752.326 |
| 45) | L9 AR-1268-5 | 8.270 | 7.318 | 981.0E6 | 1816.7E6 | 752.199 | 753.877 |

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

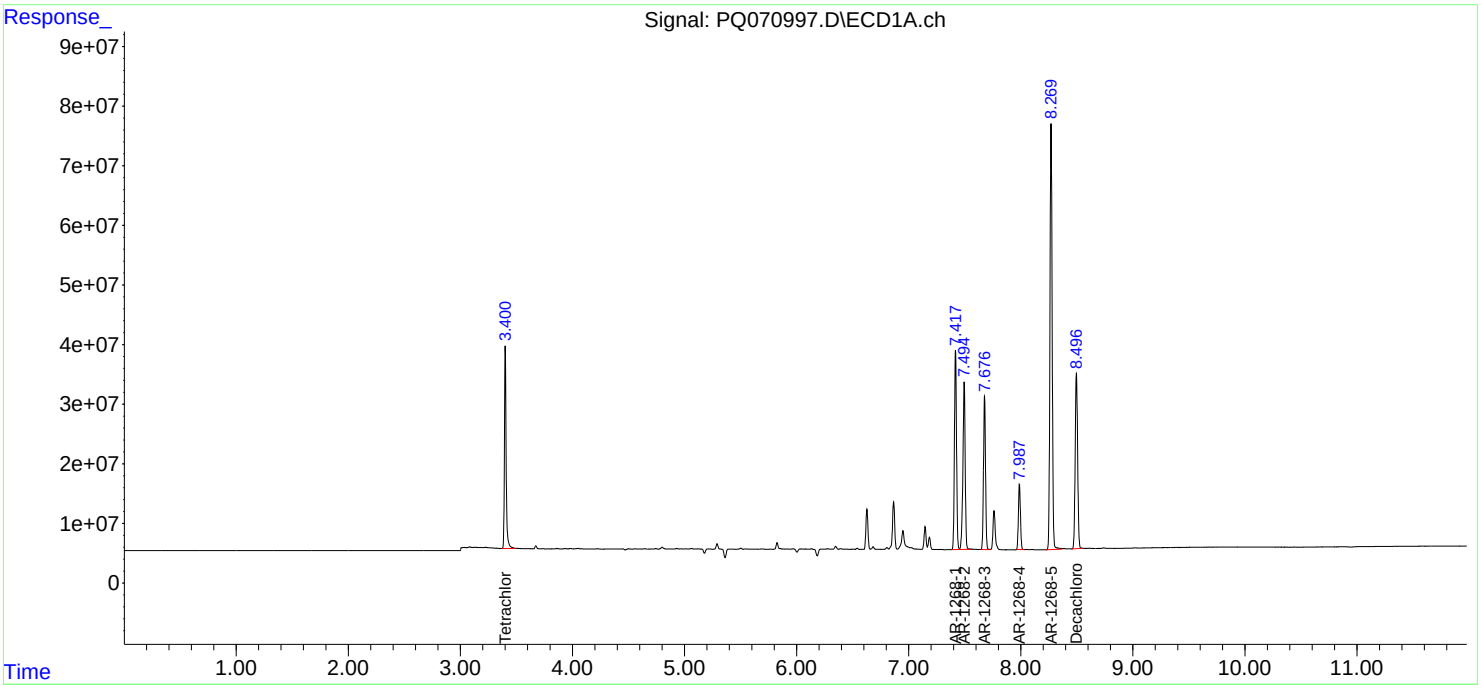
ICAL Form

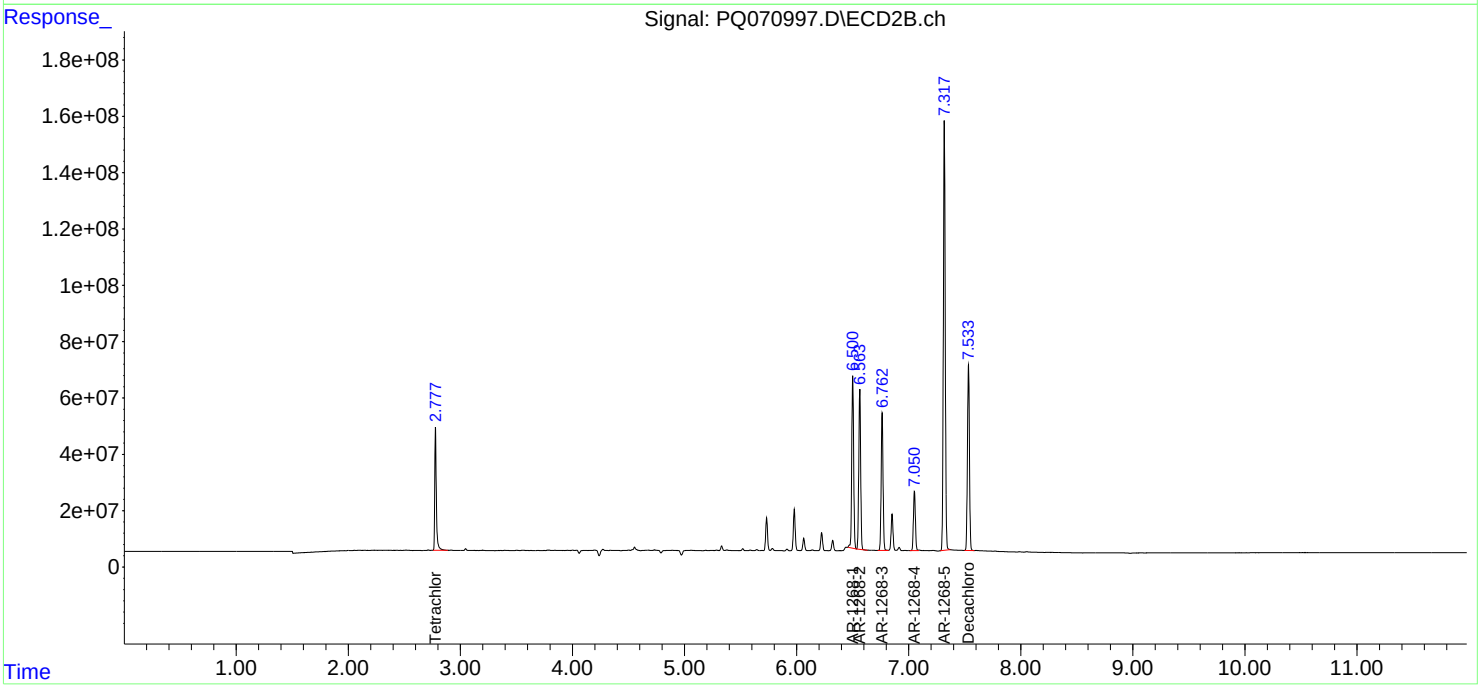
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:59
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

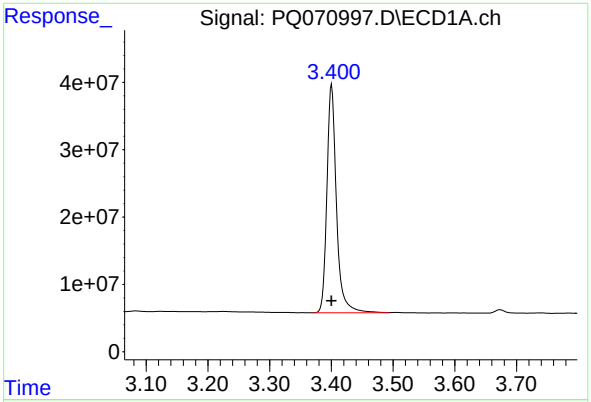
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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



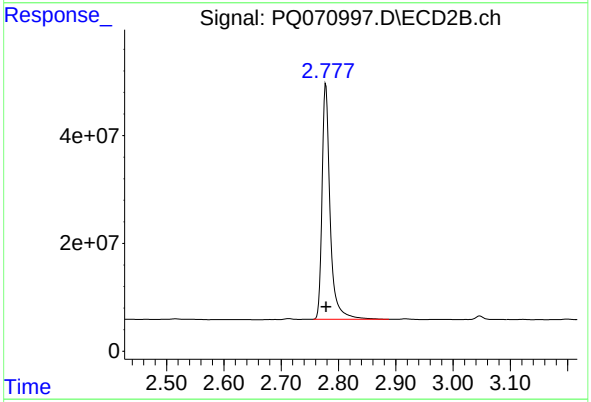






#1 Tetrachloro-m-xylene

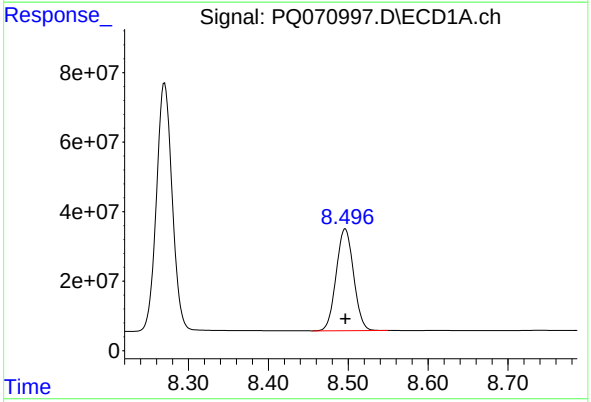
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 365345228
Conc: 75.47 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC750



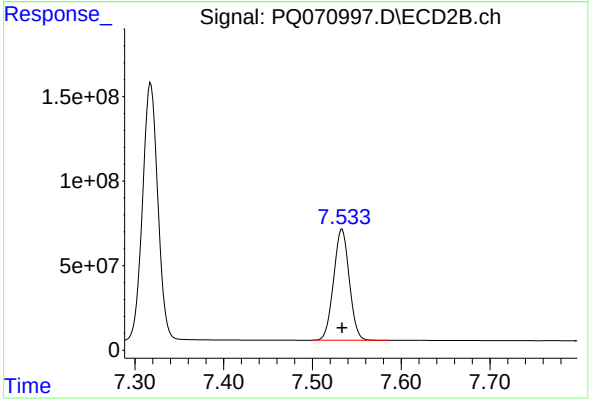

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 429738765
Conc: 75.64 ng/ml



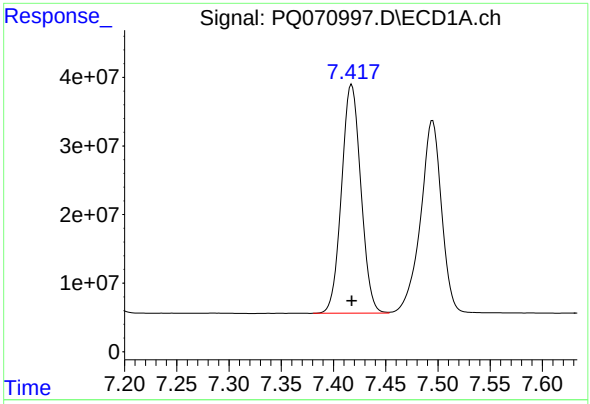

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 443523459
Conc: 75.14 ng/ml




#2 Decachlorobiphenyl

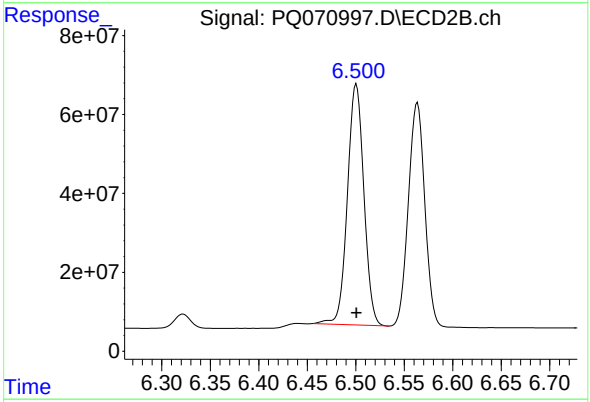
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 805246413
Conc: 75.31 ng/ml




#41 AR-1268-1

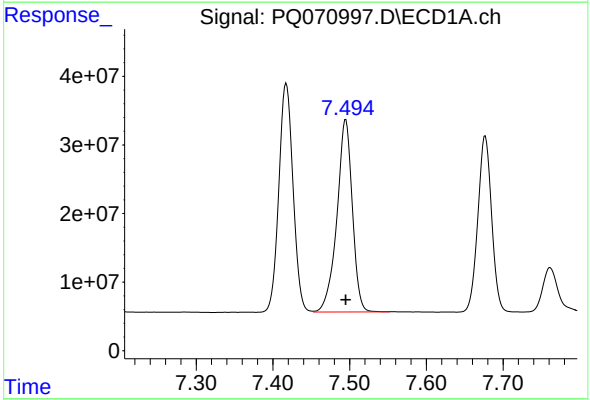
R.T.: 7.417 min
Delta R.T.: 0.000 min
Response: 429329141
Conc: 752.59 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC750



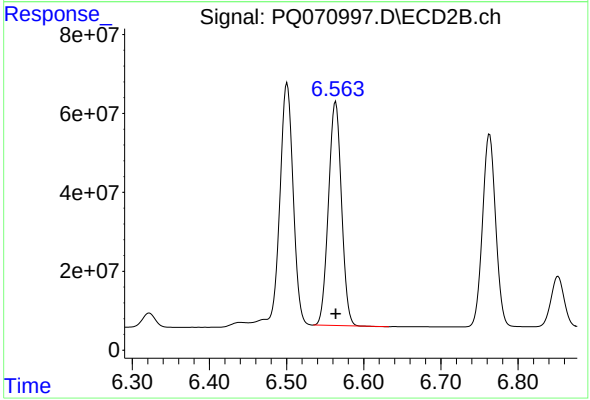

#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 721284734
Conc: 754.79 ng/ml



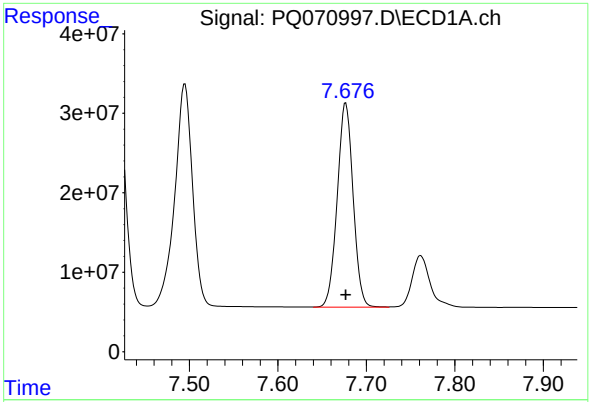

#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 393043003
Conc: 751.78 ng/ml




#42 AR-1268-2

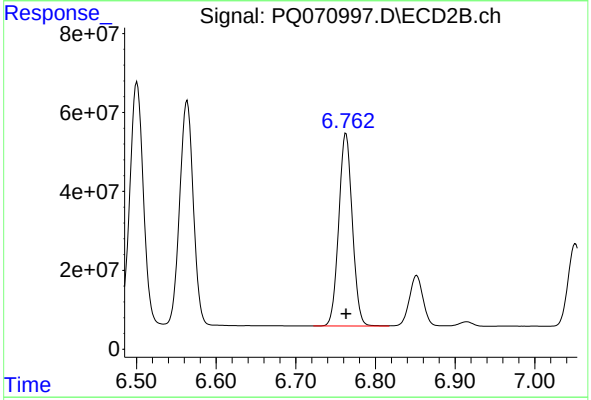
R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 668369020
Conc: 756.47 ng/ml




#43 AR-1268-3

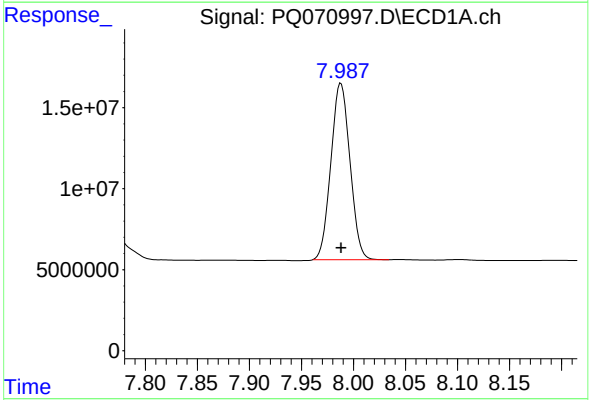
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 320649152
Conc: 751.10 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC750



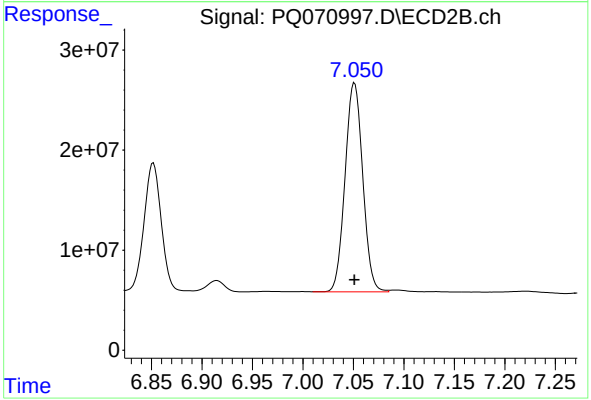

#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 577309161
Conc: 754.53 ng/ml



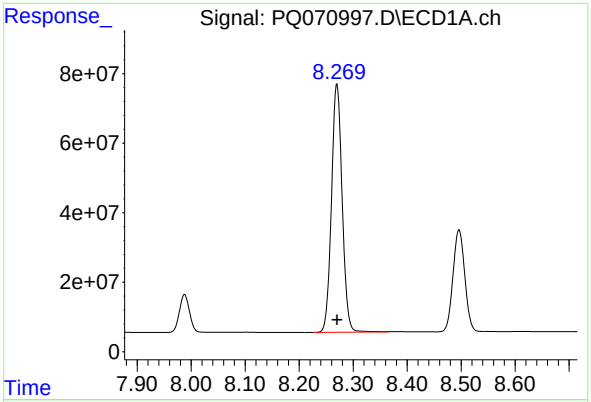

#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 139148391
Conc: 752.79 ng/ml




#44 AR-1268-4

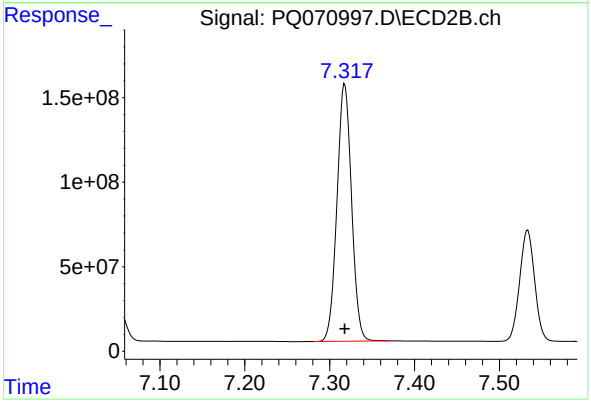
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 254605180
Conc: 752.33 ng/ml




#45 AR-1268-5

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 981007723
Conc: 752.20 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC750




#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 1816697371
Conc: 753.88 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:13
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:41:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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... | 3.401 | 2.778 | 245.8E6 | 286.7E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.497 | 7.533 | 301.9E6 | 547.1E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.418 | 6.501 | 291.7E6 | 486.8E6 | 500.000 | 500.000 |
| 42) | L9 AR-1268-2 | 7.496 | 6.564 | 267.0E6 | 450.3E6 | 500.000 | 500.000 |
| 43) | L9 AR-1268-3 | 7.677 | 6.763 | 218.3E6 | 389.8E6 | 500.000 | 500.000 |
| 44) | L9 AR-1268-4 | 7.988 | 7.051 | 94812460 | 172.8E6 | 500.000 | 500.000 |
| 45) | L9 AR-1268-5 | 8.271 | 7.318 | 660.7E6 | 1216.2E6 | 500.000 | 500.000 |

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

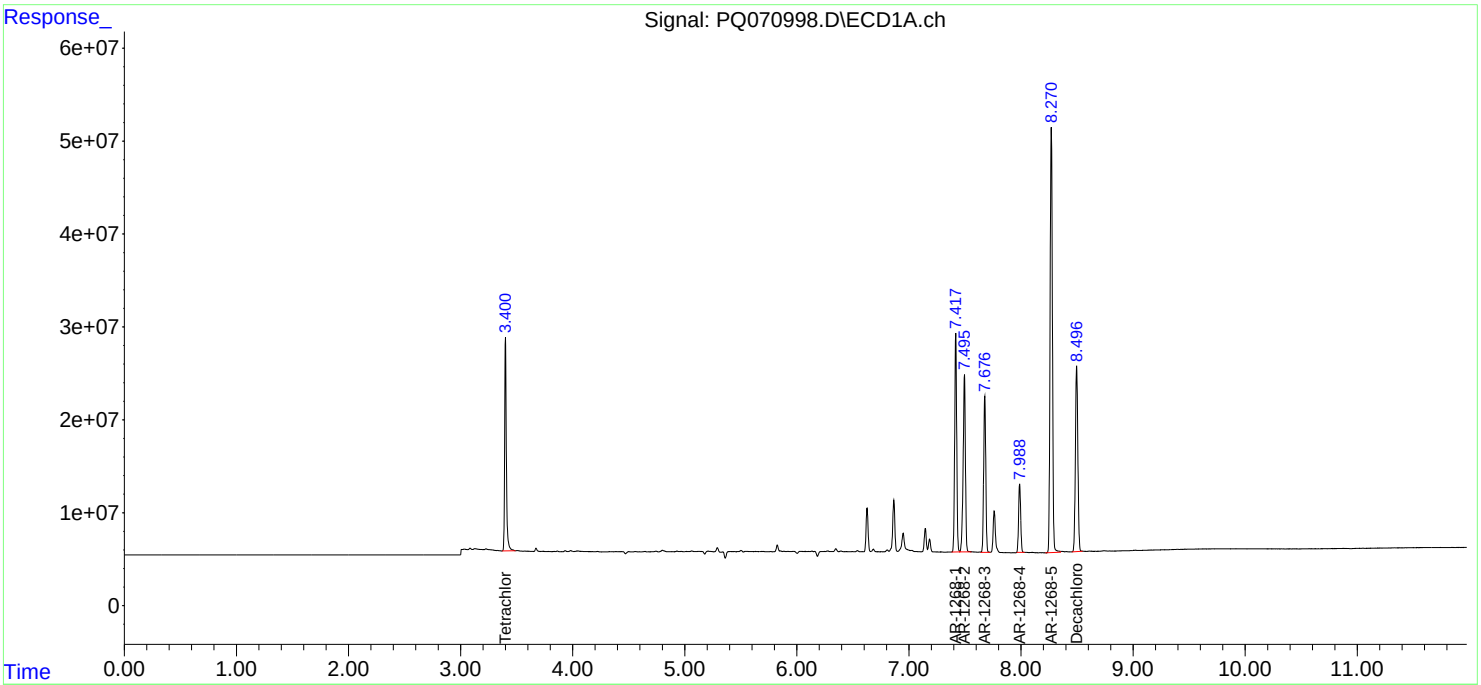
ICAL Form

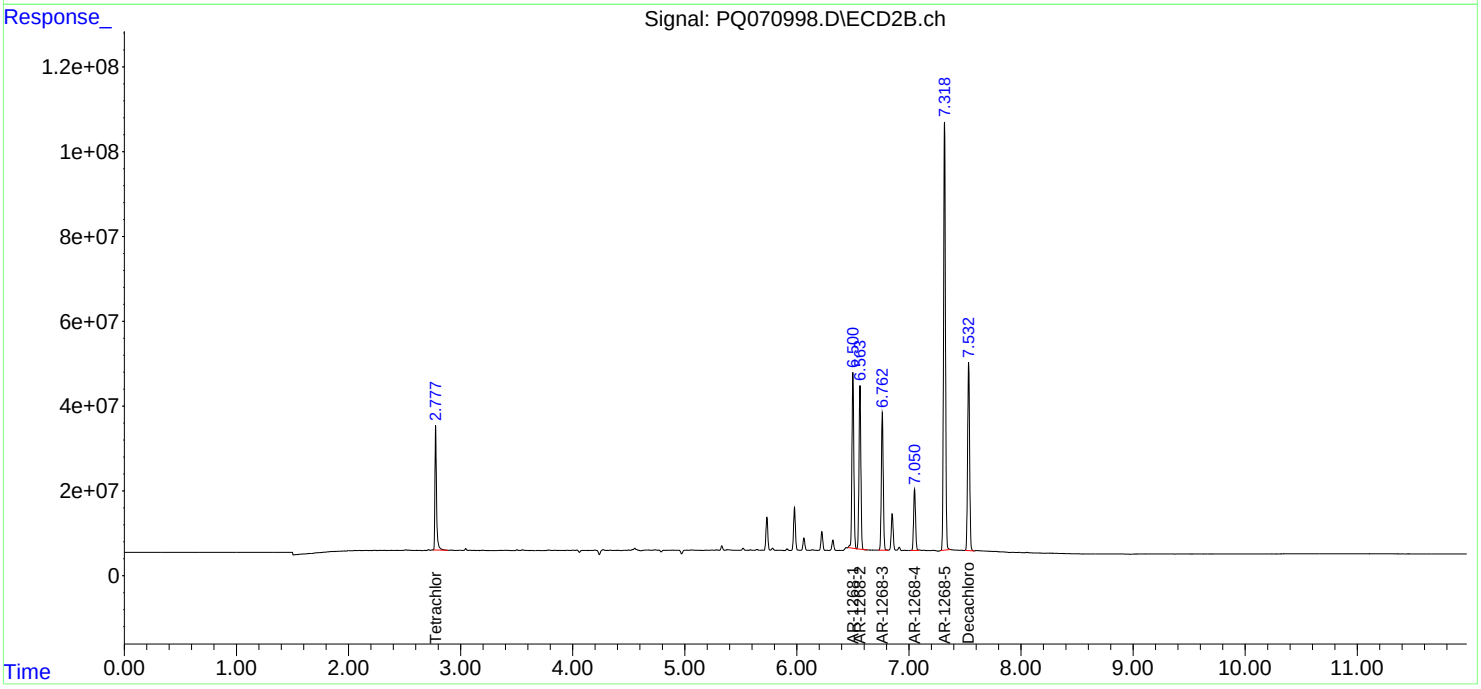
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:13
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

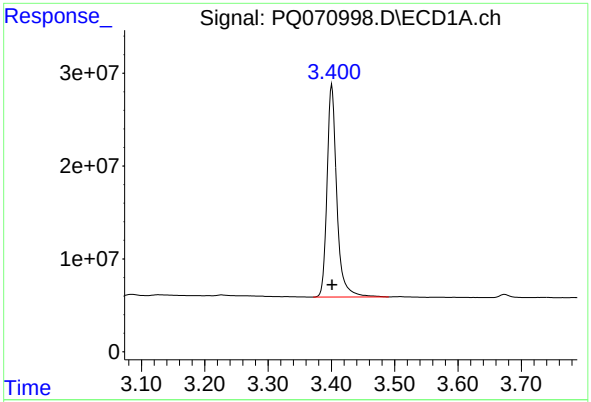
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:41:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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



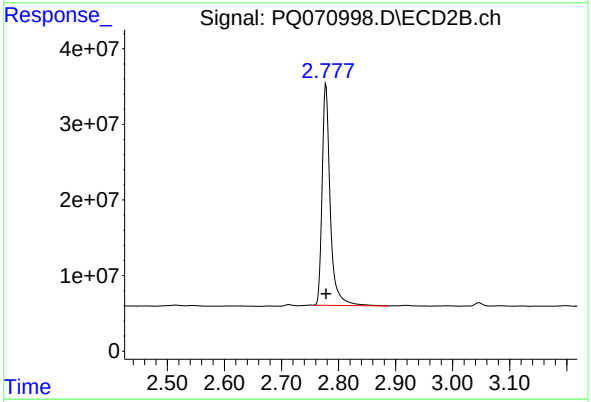






#1 Tetrachloro-m-xylene

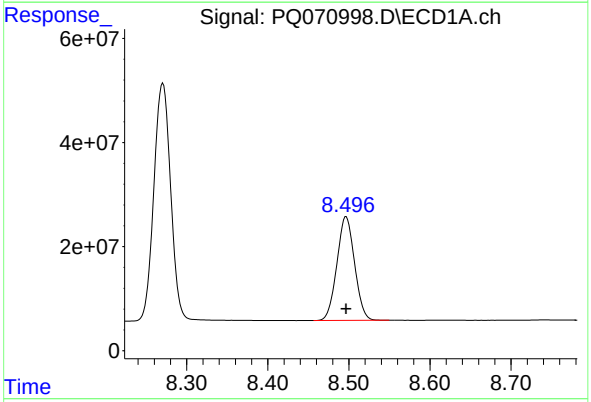
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 245811296
Conc: 50.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC500



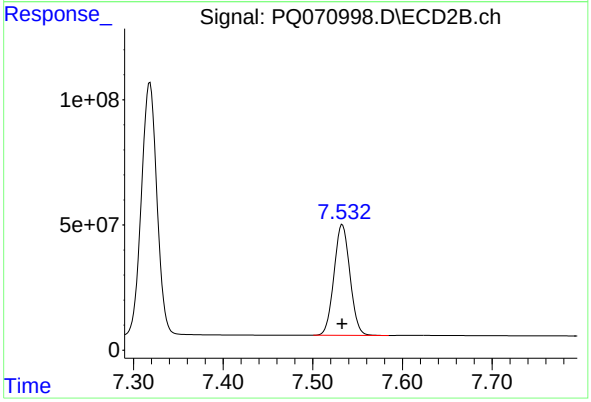

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 286653182
Conc: 50.00 ng/ml



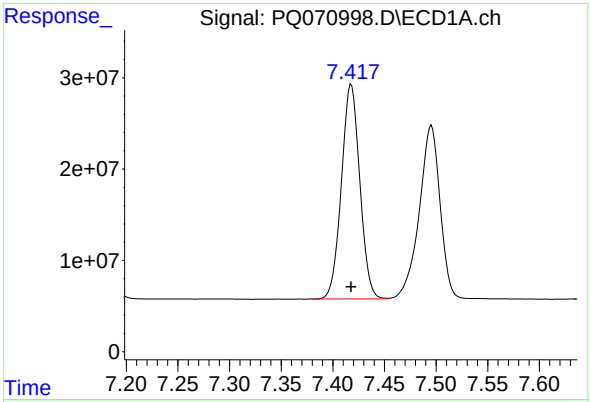

#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 301868295
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

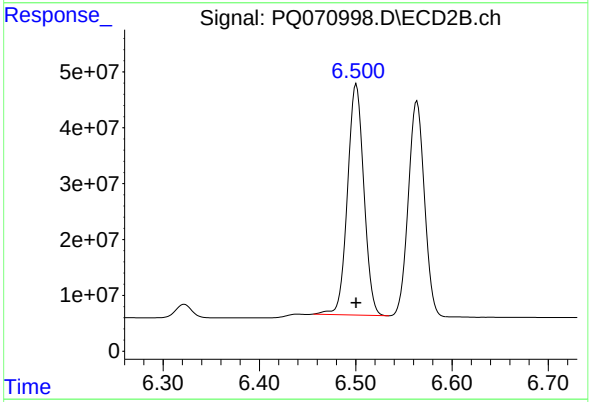
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 547076079
Conc: 50.00 ng/ml




#41 AR-1268-1

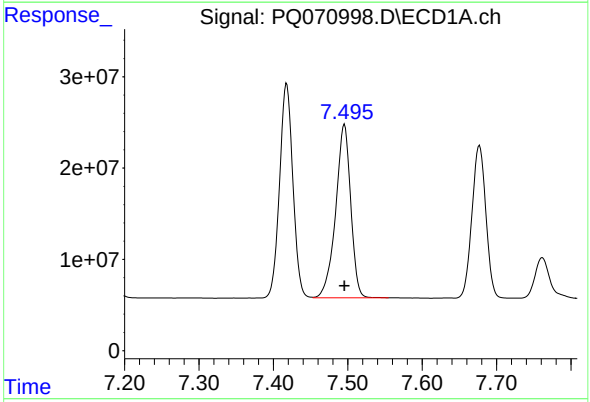
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 291682733
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC500



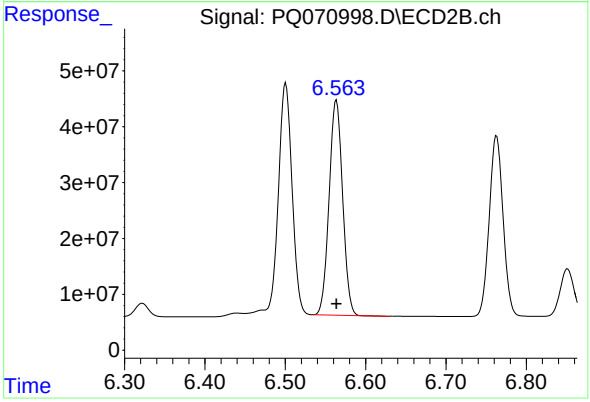

#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 486826354
Conc: 500.00 ng/ml



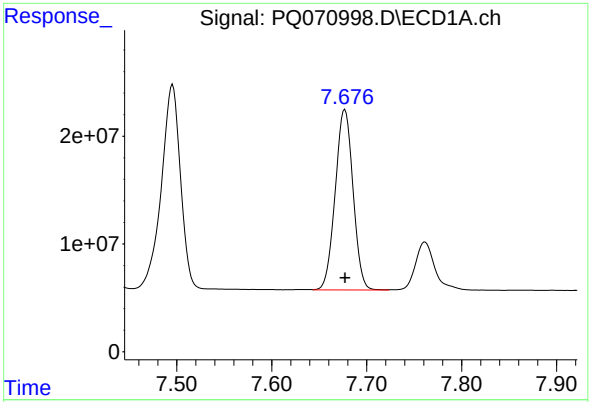

#42 AR-1268-2

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 267037614
Conc: 500.00 ng/ml




#42 AR-1268-2

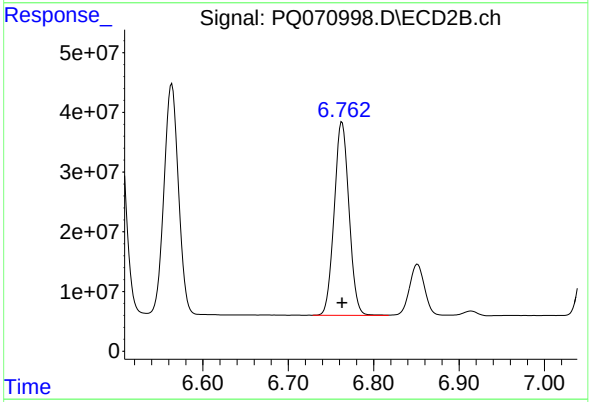
R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 450297458
Conc: 500.00 ng/ml




#43 AR-1268-3

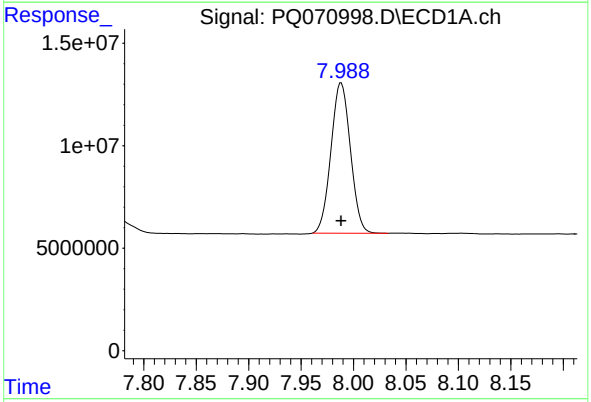
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 218323049
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC500



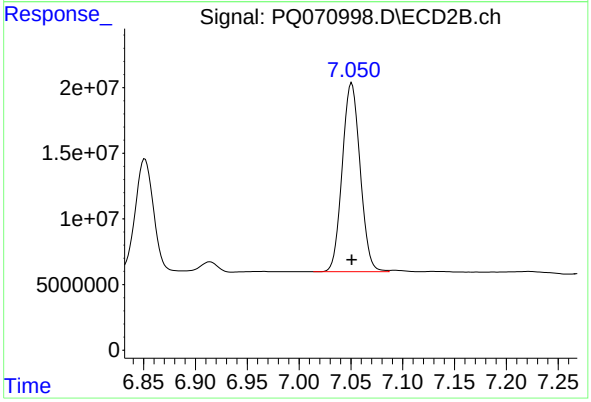

#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 389807807
Conc: 500.00 ng/ml



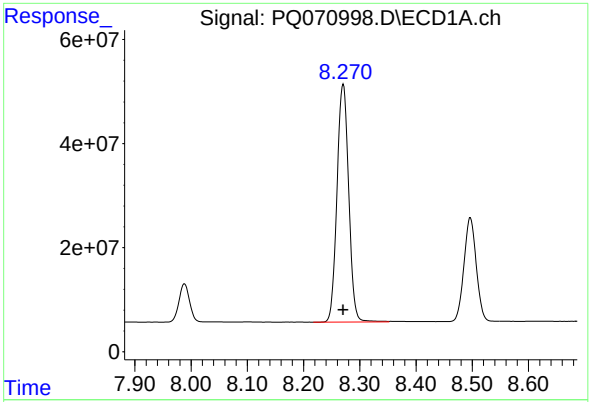

#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 94812460
Conc: 500.00 ng/ml




#44 AR-1268-4

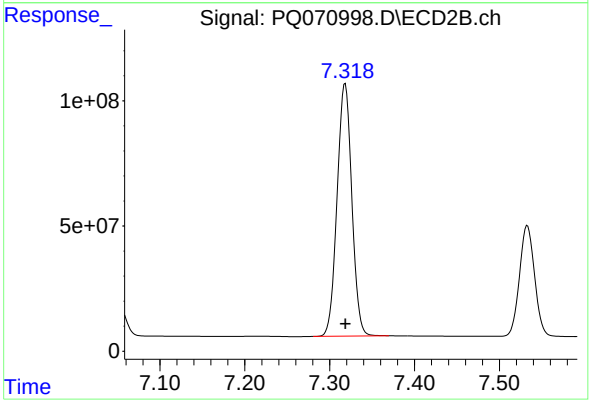
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 172818331
Conc: 500.00 ng/ml




#45 AR-1268-5

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 660690181
Conc: 500.00 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC500




#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 1216236053
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:28
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:50:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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... | 3.400 | 2.778 | 124.1E6 | 145.7E6 | 25.476 | 25.482 |
| 2) | SA Decachlor... | 8.496 | 7.533 | 154.8E6 | 281.7E6 | 25.909 | 25.997 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.418 | 6.500 | 149.5E6 | 243.6E6 | 258.947 | 253.674 |
| 42) | L9 AR-1268-2 | 7.495 | 6.563 | 136.5E6 | 226.7E6 | 258.257 | 254.883 |
| 43) | L9 AR-1268-3 | 7.677 | 6.763 | 110.8E6 | 198.0E6 | 257.143 | 256.485 |
| 44) | L9 AR-1268-4 | 7.988 | 7.051 | 48417432 | 89098499 | 258.848 | 259.826 |
| 45) | L9 AR-1268-5 | 8.270 | 7.317 | 331.6E6 | 607.0E6 | 253.196 | 251.413 |

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

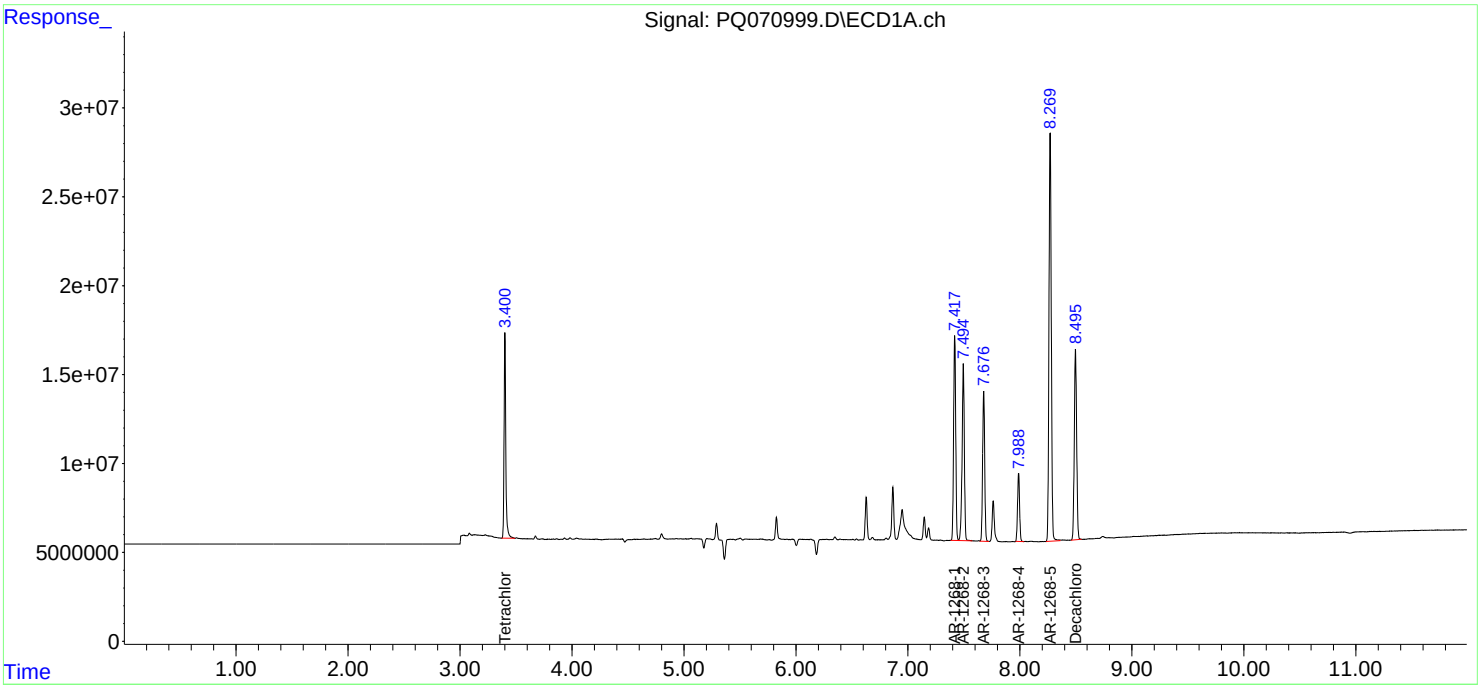
ICAL Form

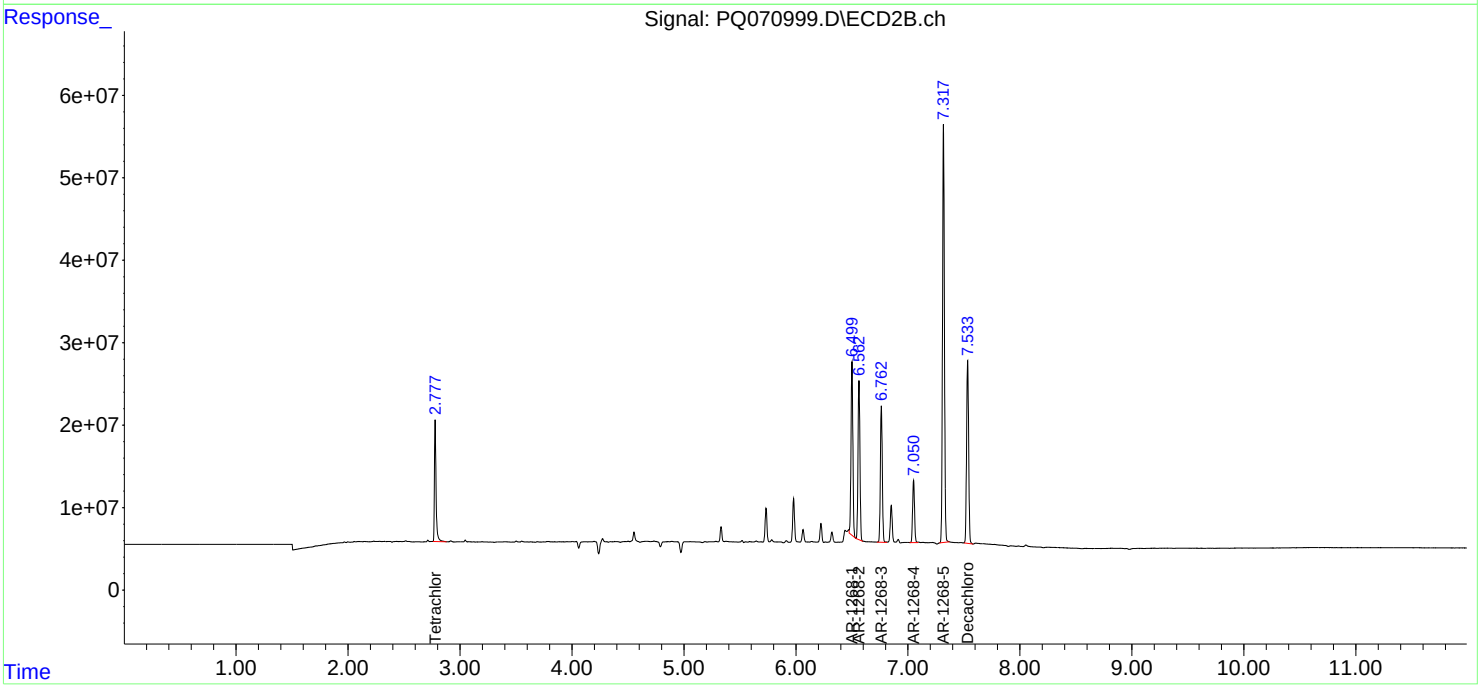
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:28
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

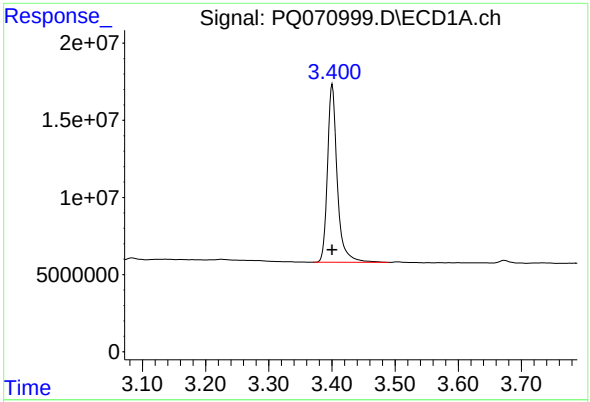
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:50:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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



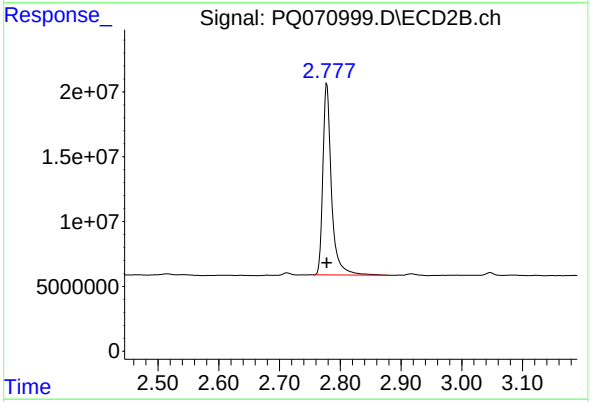






#1 Tetrachloro-m-xylene

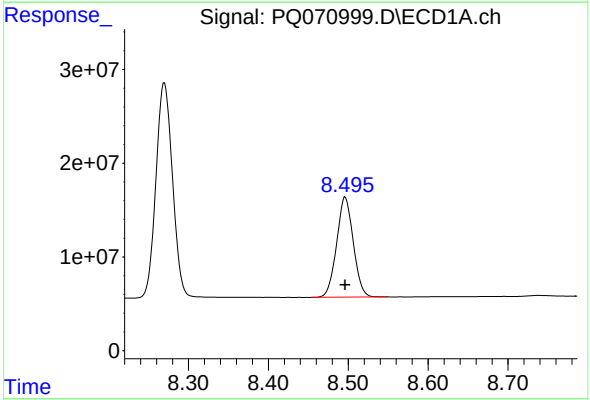
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 124113048
Conc: 25.48 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC250



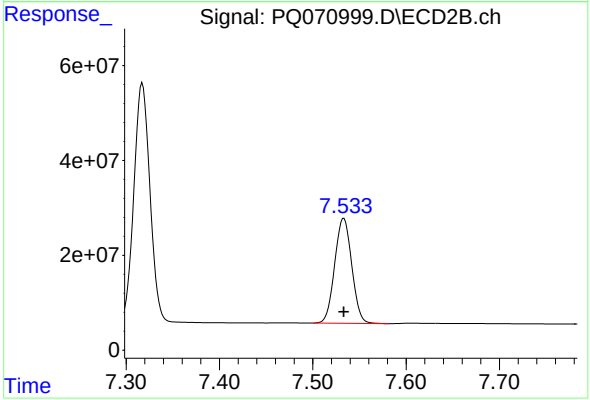

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 145711594
Conc: 25.48 ng/ml



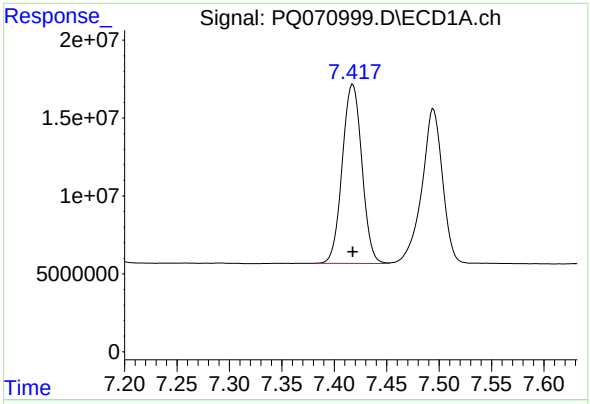

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 154811101
Conc: 25.91 ng/ml




#2 Decachlorobiphenyl

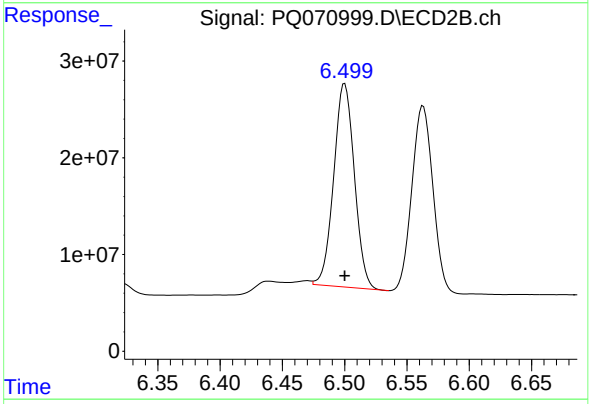
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 281733949
Conc: 26.00 ng/ml




#41 AR-1268-1

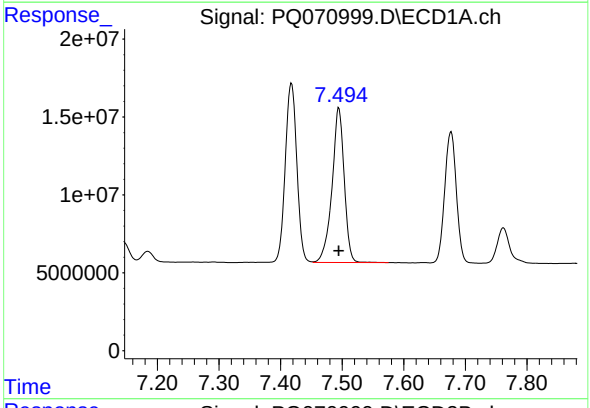
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 149503784
Conc: 258.95 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC250



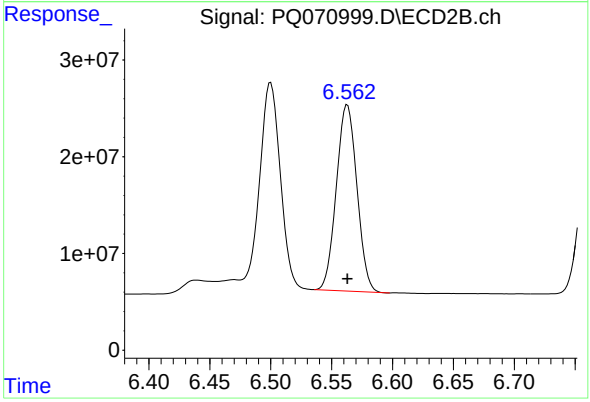

#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 243605830
Conc: 253.67 ng/ml



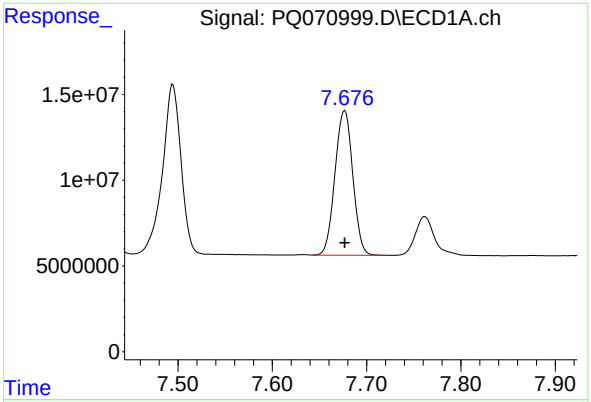

#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 136525117
Conc: 258.26 ng/ml




#42 AR-1268-2

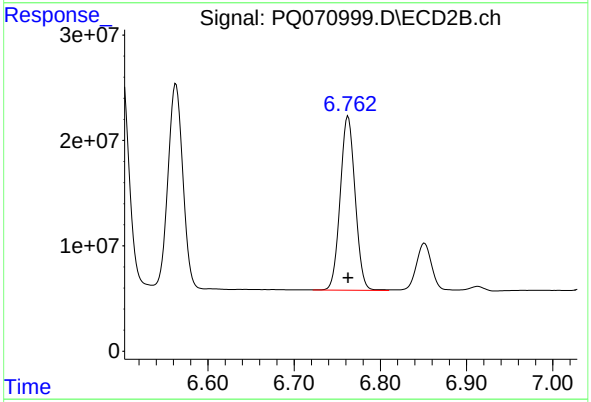
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 226675271
Conc: 254.88 ng/ml




#43 AR-1268-3

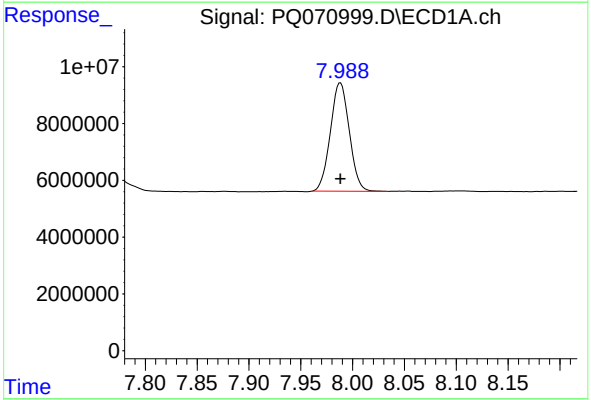
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 110831298
Conc: 257.14 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC250



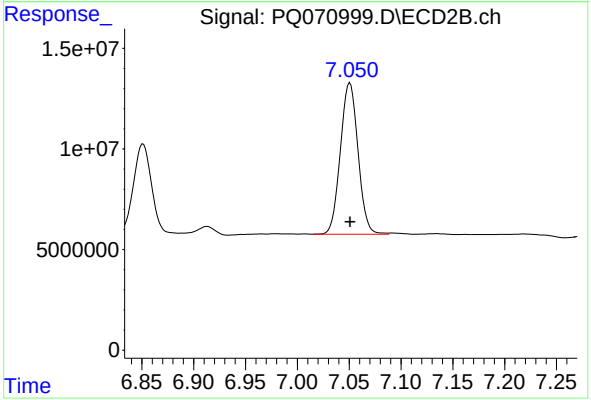

#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 197955027
Conc: 256.49 ng/ml



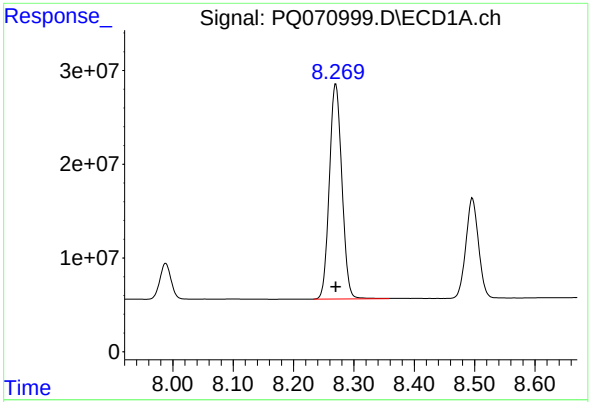

#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 48417432
Conc: 258.85 ng/ml




#44 AR-1268-4

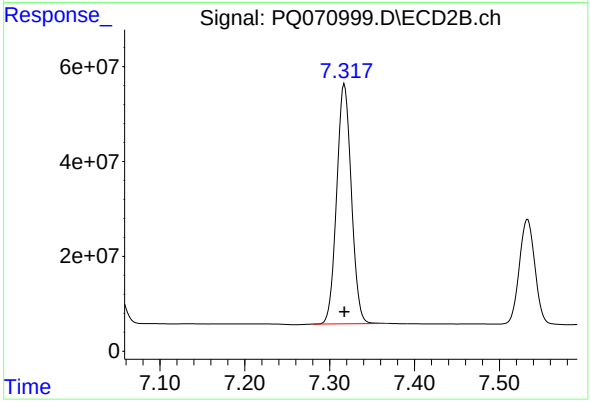
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 89098499
Conc: 259.83 ng/ml




#45 AR-1268-5

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 331628529
Conc: 253.20 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC250




#45 AR-1268-5

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 606999218
Conc: 251.41 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:43
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:16:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:16:19 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... | 3.400 | 2.778 | 24662420 | 28347182 | 5.050 | 4.966 |
| 2) | SA Decachlor... | 8.497 | 7.533 | 31115212 | 59480232 | 5.165 | 5.383 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.418 | 6.500 | 30187398 | 51549310 | 51.812 | 52.901 |
| 42) | L9 AR-1268-2 | 7.495 | 6.563 | 26994207 | 46812925 | 50.847 | 52.089 |
| 43) | L9 AR-1268-3 | 7.676 | 6.763 | 22122982 | 41071128 | 51.057 | 52.539 |
| 44) | L9 AR-1268-4 | 7.989 | 7.050 | 9507758 | 17547775 | 50.662 | 50.933 |
| 45) | L9 AR-1268-5 | 8.271 | 7.317 | 65947884 | 122.2E6 | 50.280 | 50.497 |

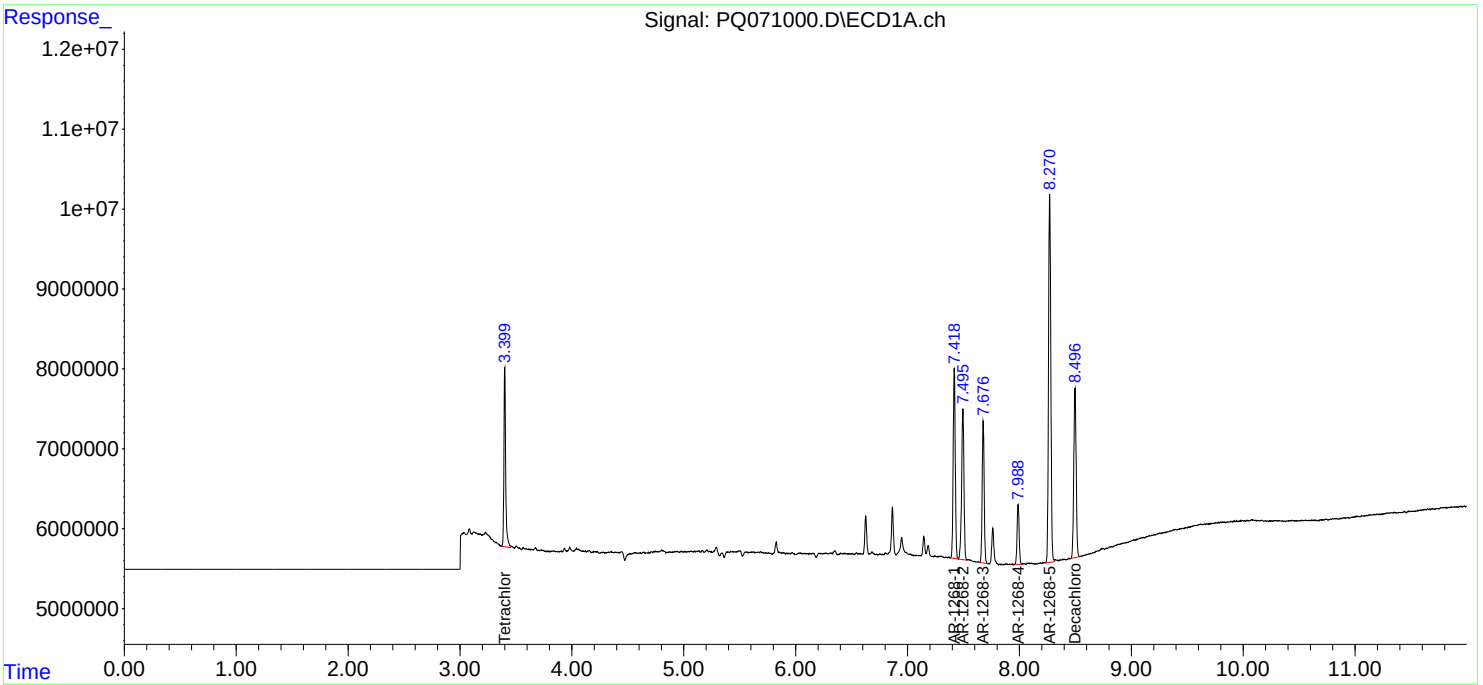
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

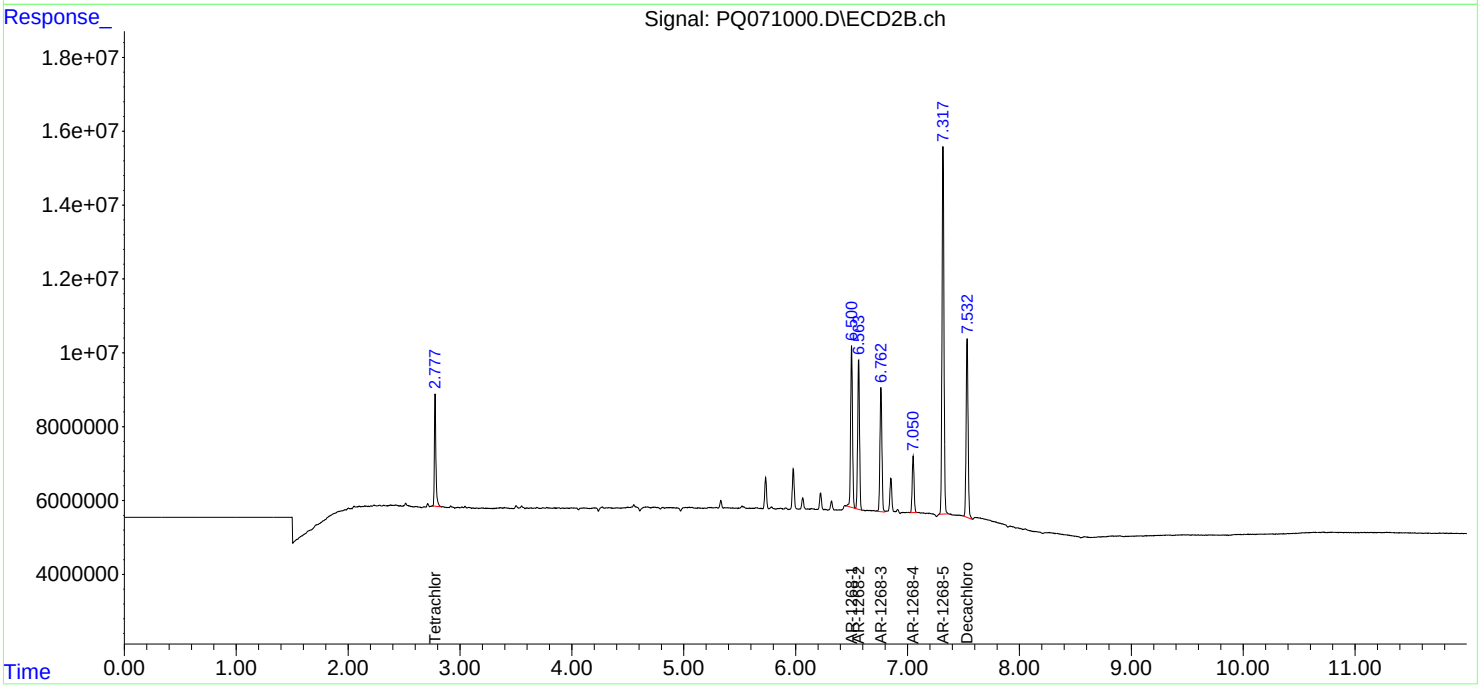
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:43
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

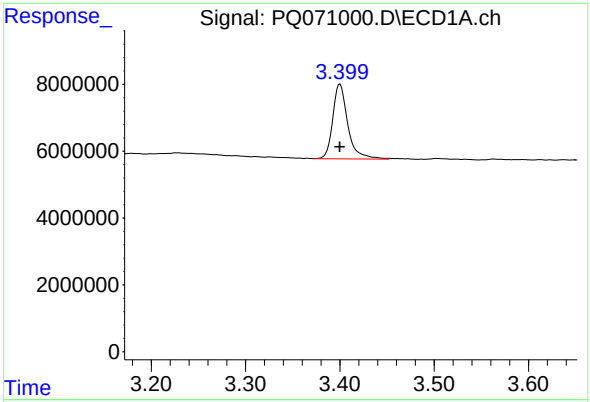
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:16:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:16:19 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



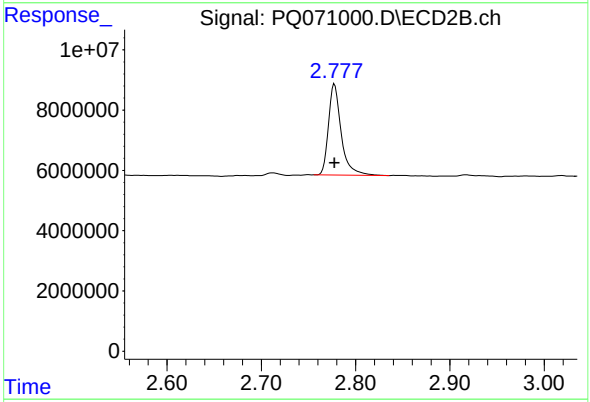






#1 Tetrachloro-m-xylene

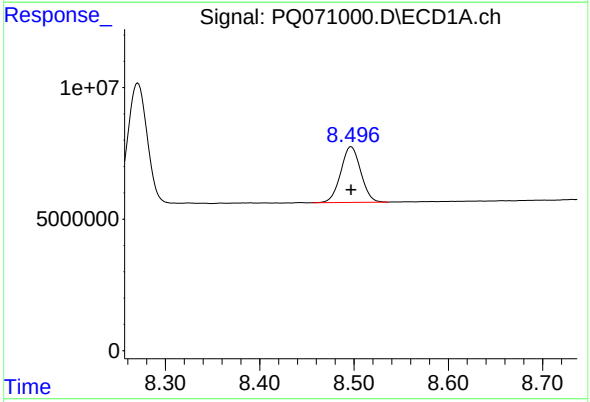
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 24662420
Conc: 5.05 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC050



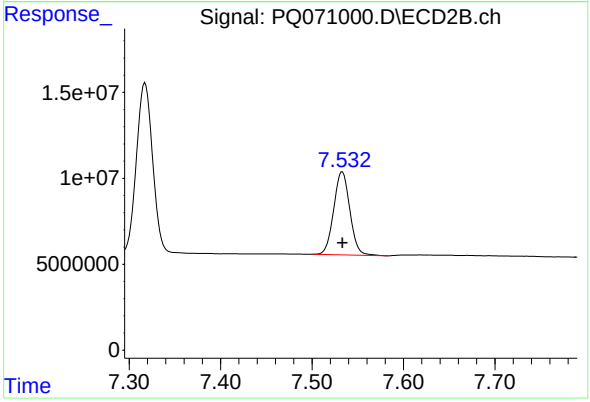

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 28347182
Conc: 4.97 ng/ml



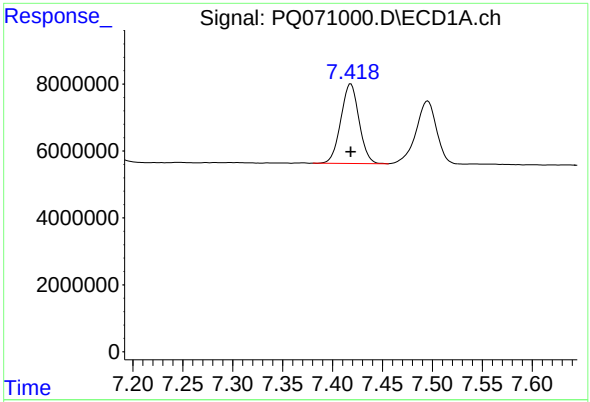

#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 31115212
Conc: 5.16 ng/ml




#2 Decachlorobiphenyl

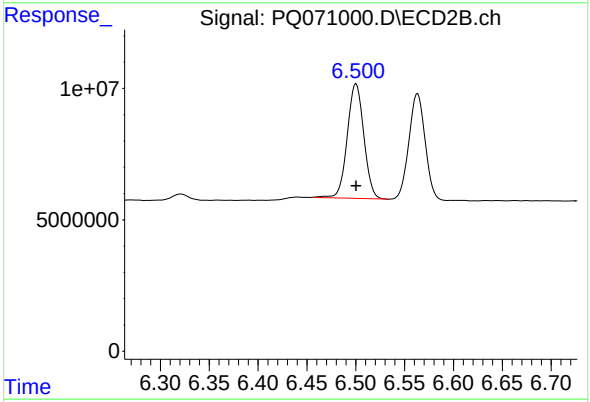
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 59480232
Conc: 5.38 ng/ml




#41 AR-1268-1

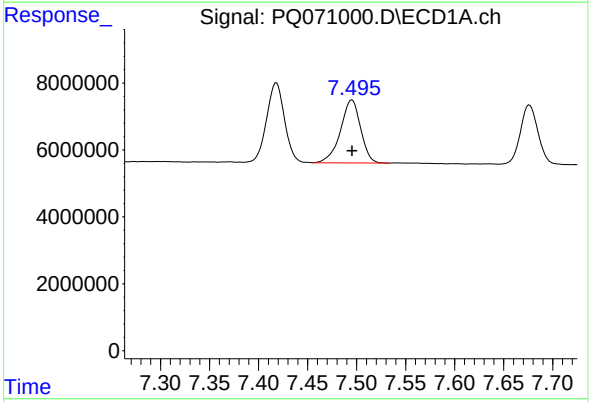
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 30187398
Conc: 51.81 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC050



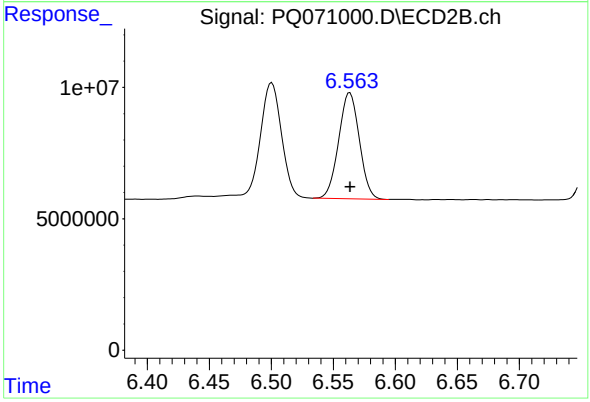

#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 51549310
Conc: 52.90 ng/ml



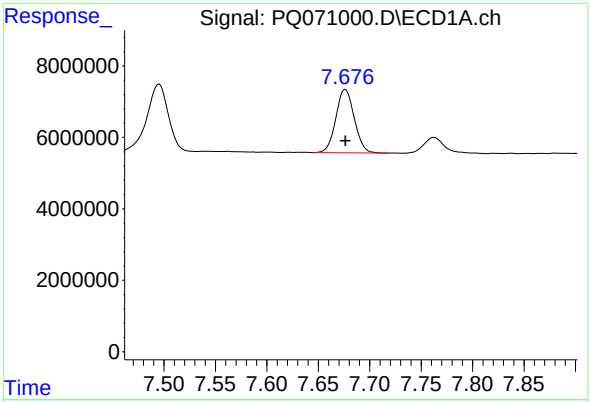

#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 26994207
Conc: 50.85 ng/ml




#42 AR-1268-2

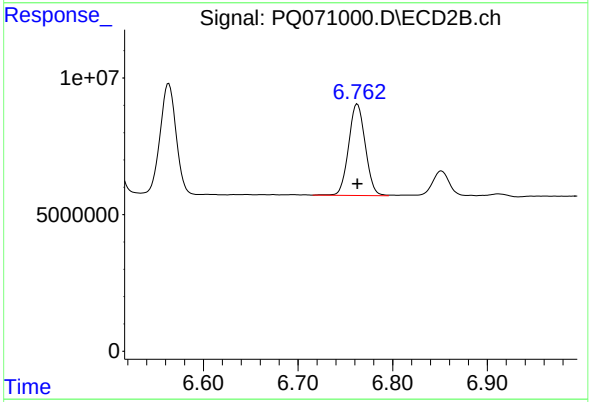
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 46812925
Conc: 52.09 ng/ml




#43 AR-1268-3

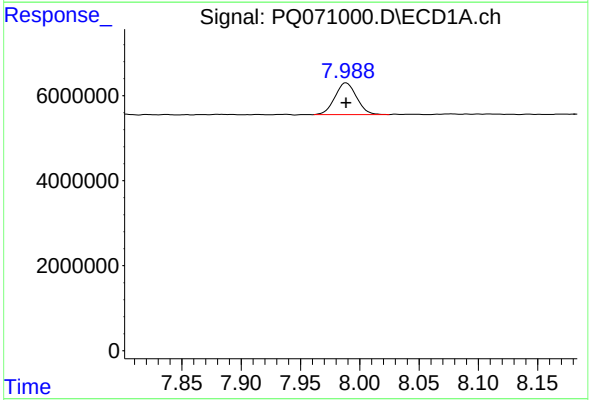
R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 22122982
Conc: 51.06 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC050



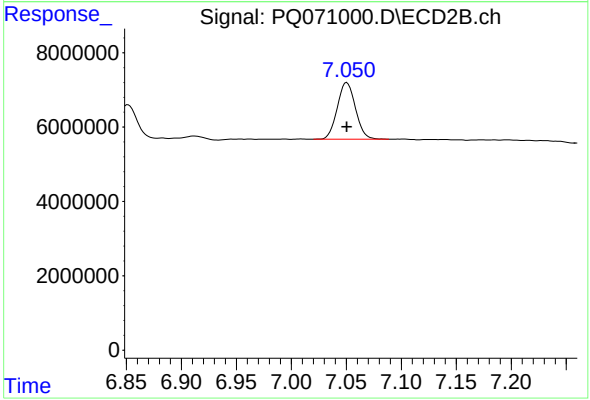

#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 41071128
Conc: 52.54 ng/ml



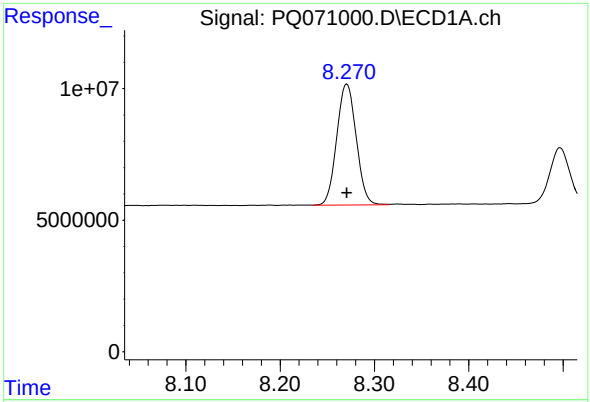

#44 AR-1268-4

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 9507758
Conc: 50.66 ng/ml




#44 AR-1268-4

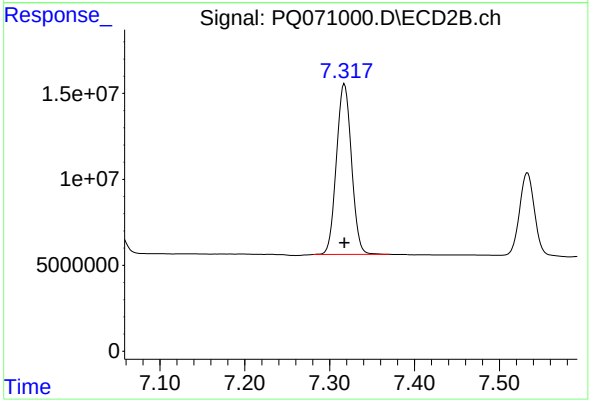
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 17547775
Conc: 50.93 ng/ml




#45 AR-1268-5

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 65947884
Conc: 50.28 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1268ICC050




#45 AR-1268-5

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 122222176
Conc: 50.50 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:57
Operator : YP\AJ
Sample : PQ101025ICV
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:29:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:24:38 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... | 3.400 | 2.778 | 237.3E6 | 265.1E6 | 54.558 | 52.183 |
| 2) | SA Decachlor... | 8.497 | 7.533 | 168.1E6 | 302.1E6 | 57.872 | 59.825 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.480 | 3.777 | 84536347 | 121.7E6 | 515.013 | 543.285m |
| 4) | L1 AR-1016-2 | 4.499 | 3.792 | 137.9E6 | 157.0E6 | 537.936 | 461.544m |
| 5) | L1 AR-1016-3 | 4.556 | 3.953 | 86370882 | 89605925 | 542.809 | 492.722m |
| 6) | L1 AR-1016-4 | 4.646 | 4.001 | 72647096 | 77616175 | 559.128 | 493.075m |
| 7) | L1 AR-1016-5 | 4.931 | 4.196 | 71678763 | 95334887 | 556.500 | 496.945m |
| 31) | L7 AR-1260-1 | 6.019 | 5.188 | 124.6E6 | 179.0E6 | 531.360m | 496.698m |
| 32) | L7 AR-1260-2 | 6.275 | 5.377 | 157.7E6 | 216.4E6 | 569.990m | 491.786m |
| 33) | L7 AR-1260-3 | 6.627 | 5.518 | 115.0E6 | 195.1E6 | 576.989 | 470.083 |
| 34) | L7 AR-1260-4 | 6.840 | 5.979 | 126.1E6 | 186.2E6 | 586.767 | 517.623 |
| 35) | L7 AR-1260-5 | 7.146 | 6.224 | 259.3E6 | 433.0E6 | 597.827 | 515.349 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:57
Operator : YP\AJ
Sample : PQ101025ICV
Misc :
ALS Vial : 31 Sample Multiplier: 1

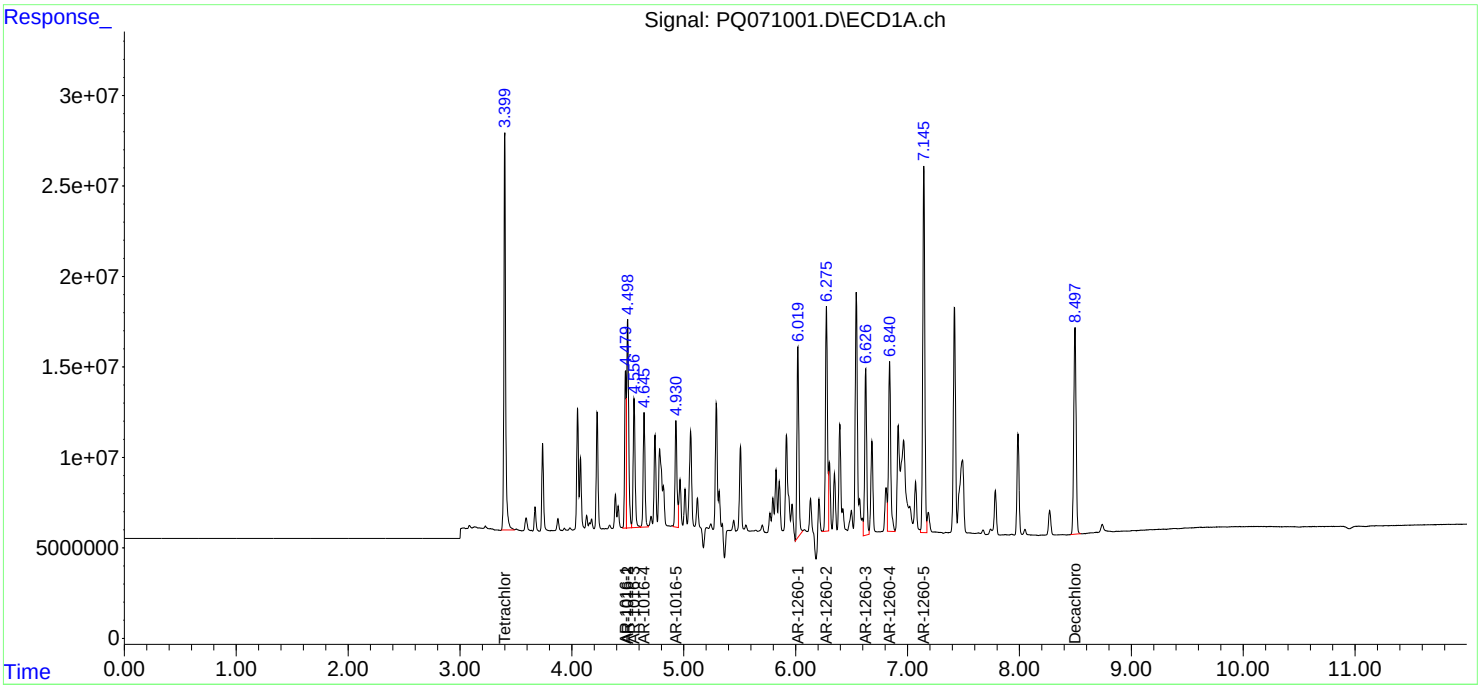
**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025

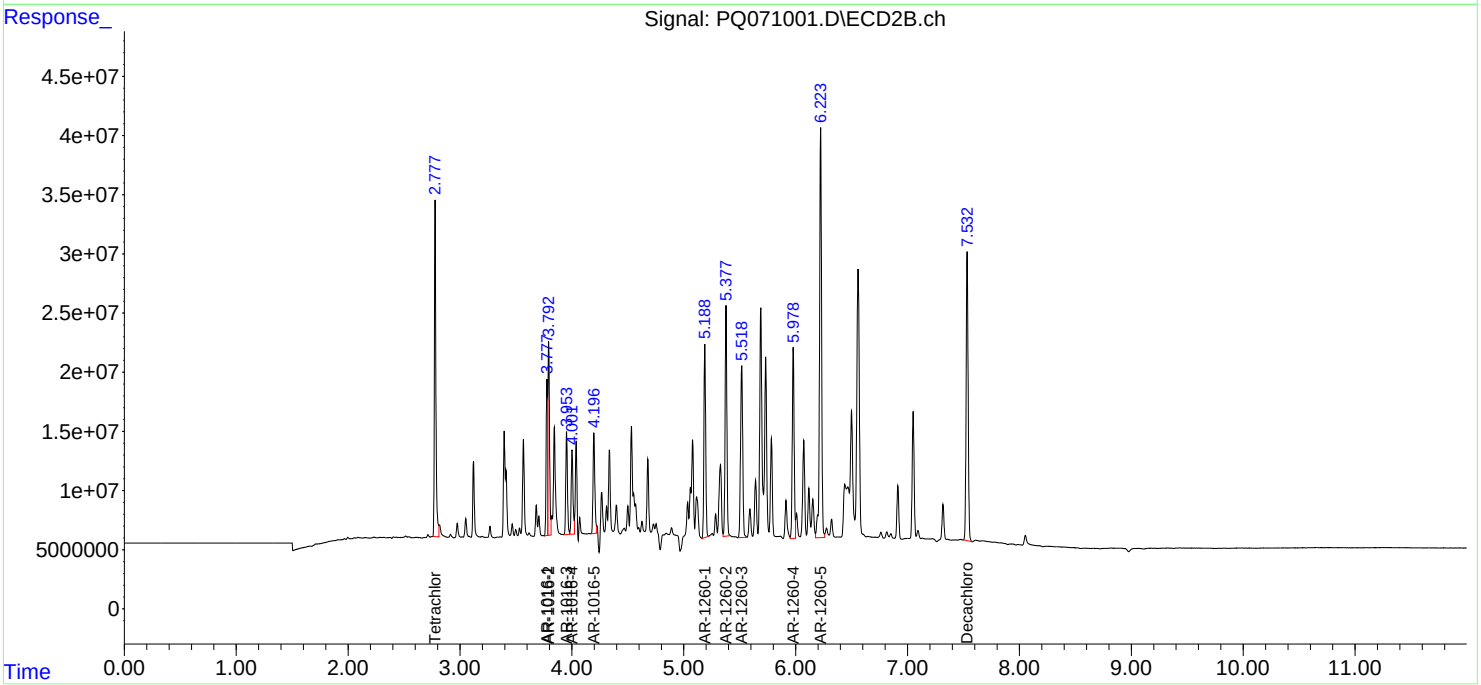
**Manual Integrations APPROVED**

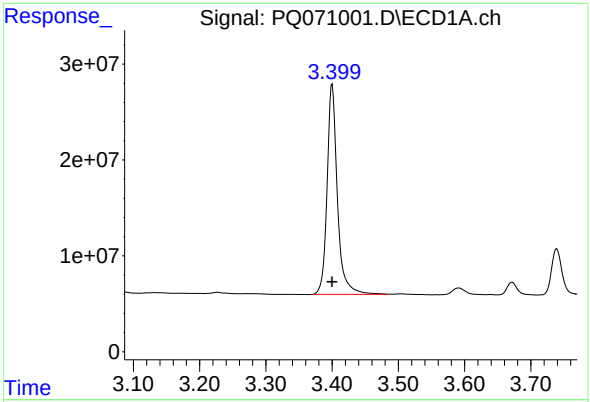
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:29:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:24:38 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





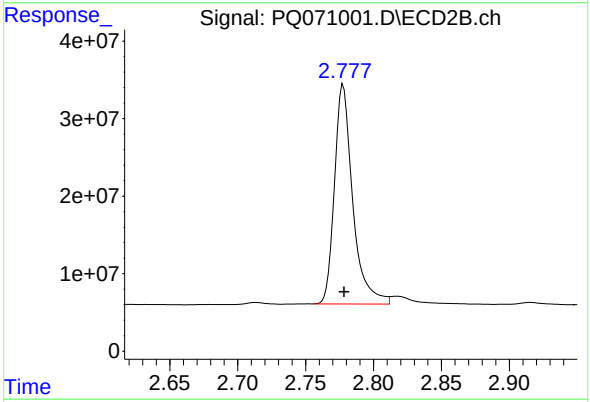

#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 237342010
Conc: 54.56 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025

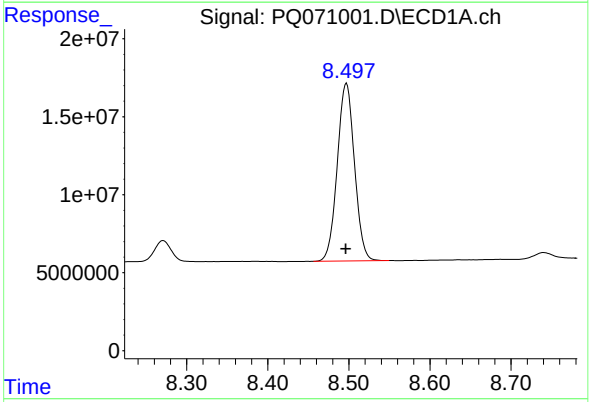
**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



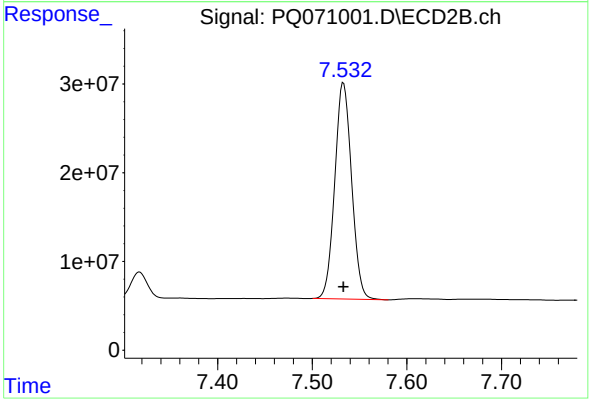

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 265088435
Conc: 52.18 ng/ml



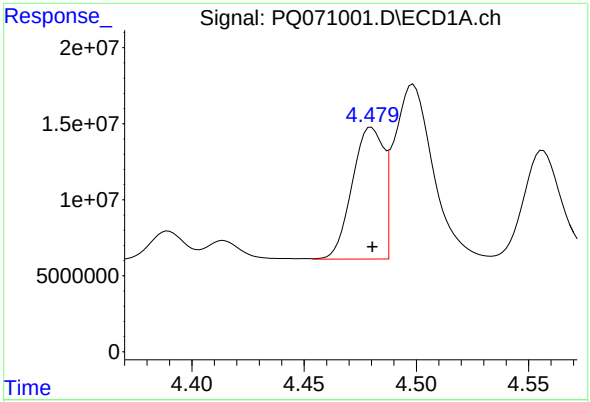

#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.001 min
Response: 168058544
Conc: 57.87 ng/ml




#2 Decachlorobiphenyl

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 302090515
Conc: 59.83 ng/ml



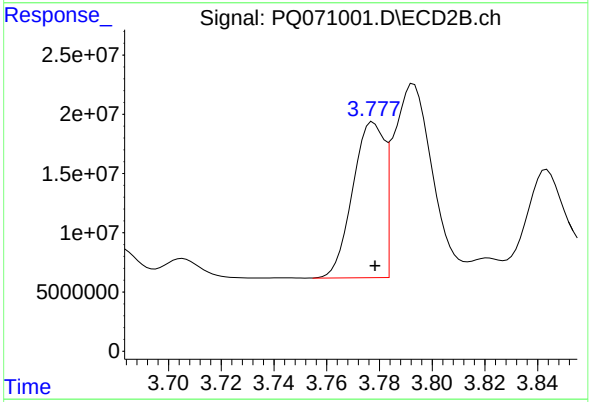

#3 AR-1016-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 84536347
Conc: 515.01 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025

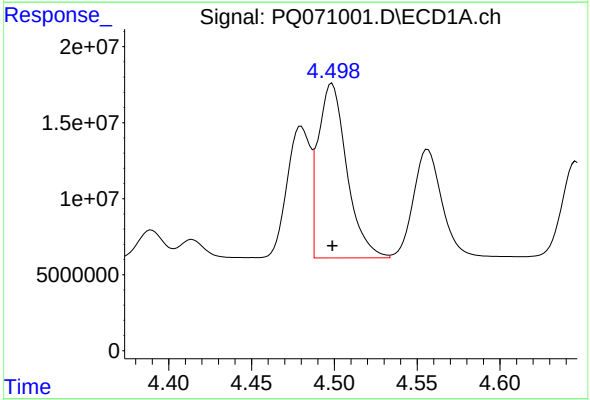
**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



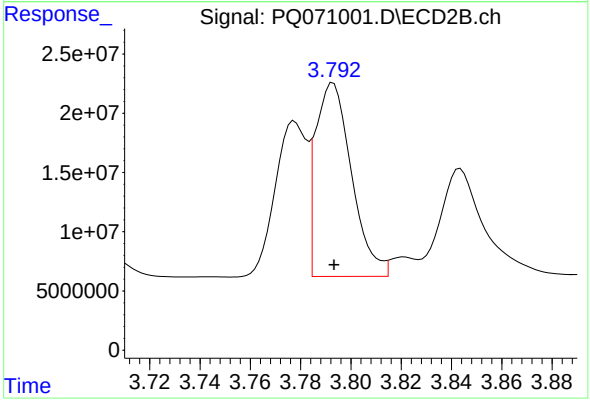

#3 AR-1016-1

R.T.: 3.777 min
Delta R.T.: -0.001 min
Response: 121697010
Conc: 543.29 ng/ml m



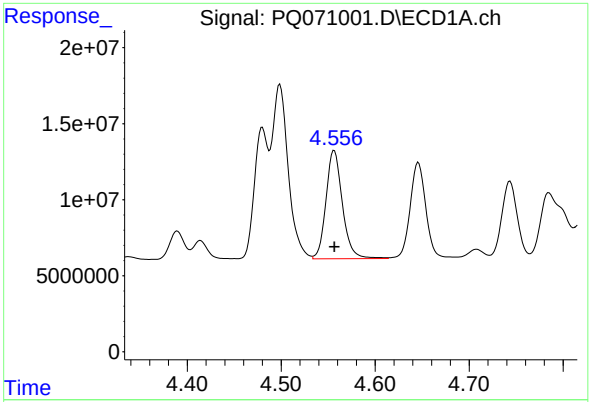

#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 137870017
Conc: 537.94 ng/ml




#4 AR-1016-2

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 156981599
Conc: 461.54 ng/ml m



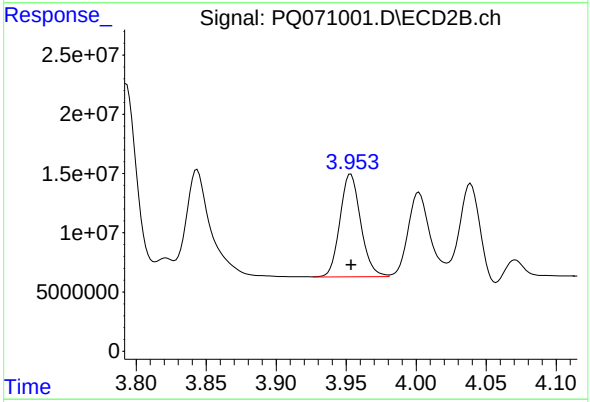

#5 AR-1016-3

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 86370882
Conc: 542.81 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025

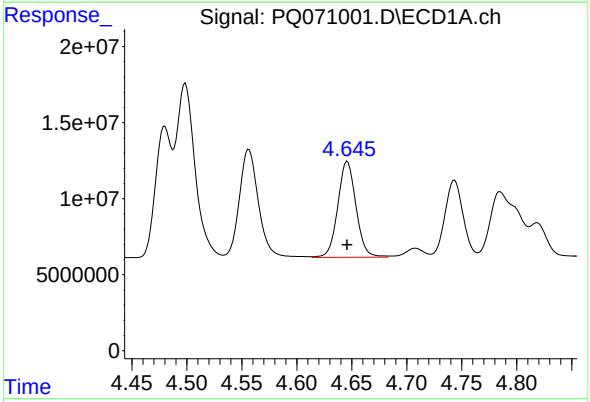
**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



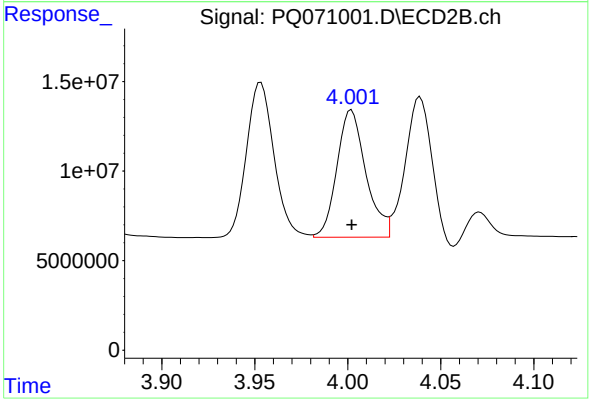

#5 AR-1016-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 89605925
Conc: 492.72 ng/ml m



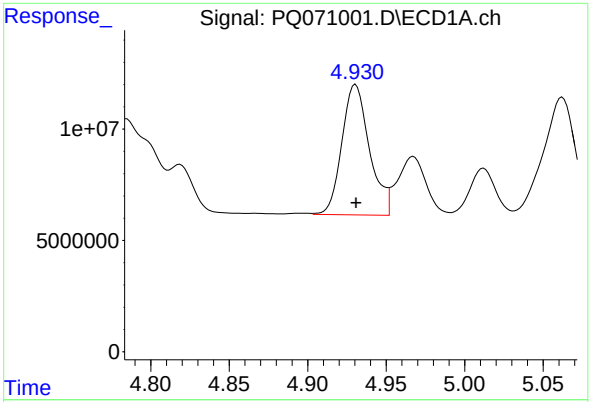

#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 72647096
Conc: 559.13 ng/ml




#6 AR-1016-4

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 77616175
Conc: 493.07 ng/ml m



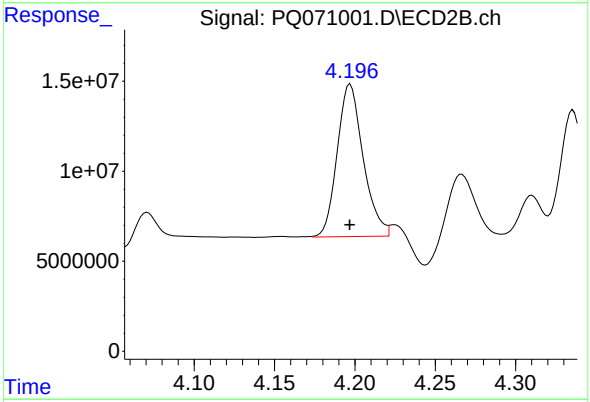

#7 AR-1016-5

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 71678763
Conc: 556.50 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025

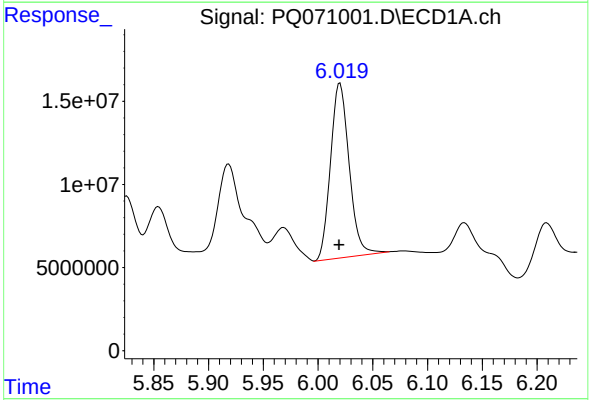
**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



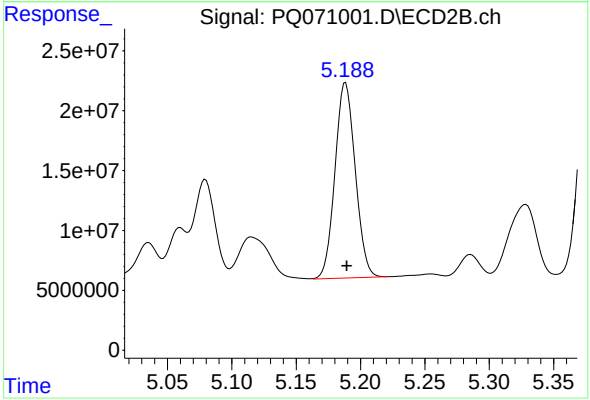

#7 AR-1016-5

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 95334887
Conc: 496.95 ng/ml m



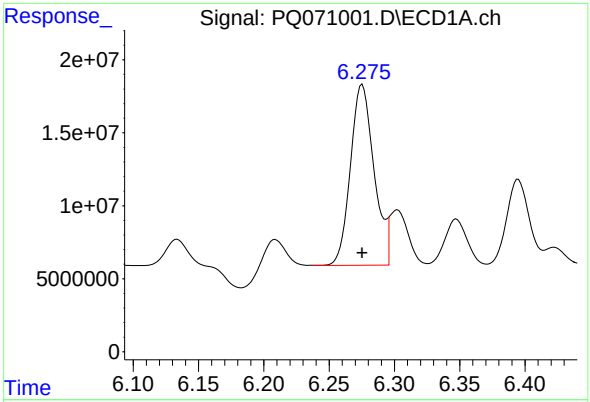

#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 124588657
Conc: 531.36 ng/ml m




#31 AR-1260-1

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 179013037
Conc: 496.70 ng/ml m



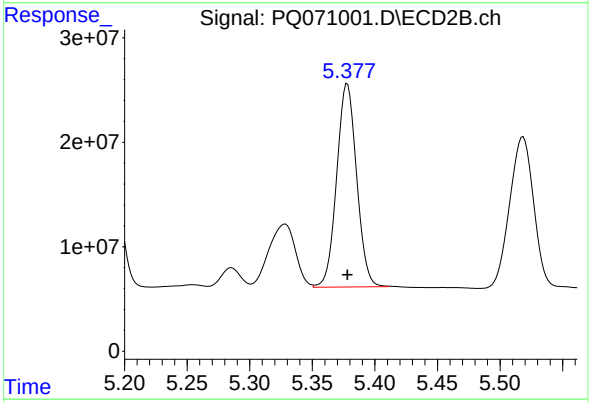

#32 AR-1260-2

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 157664225
Conc: 569.99 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025

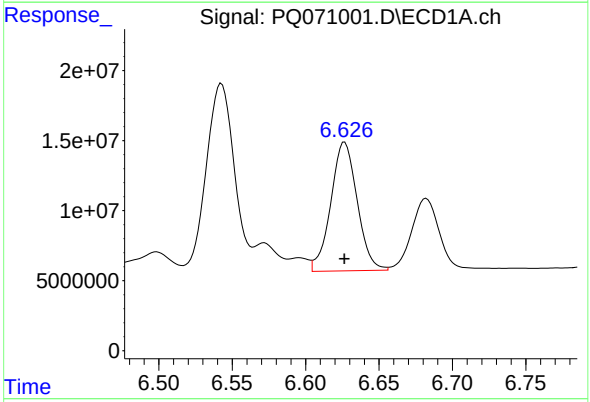
**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



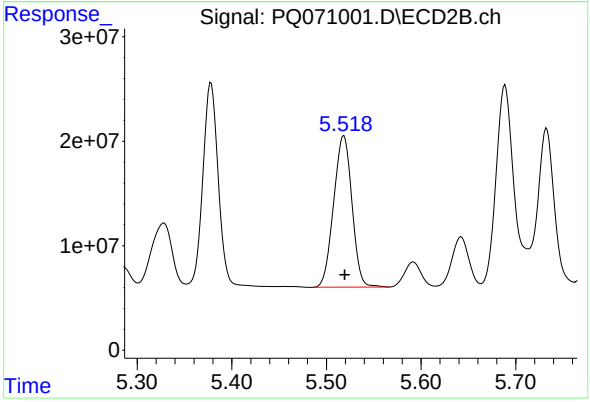

#32 AR-1260-2

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 216382734
Conc: 491.79 ng/ml m



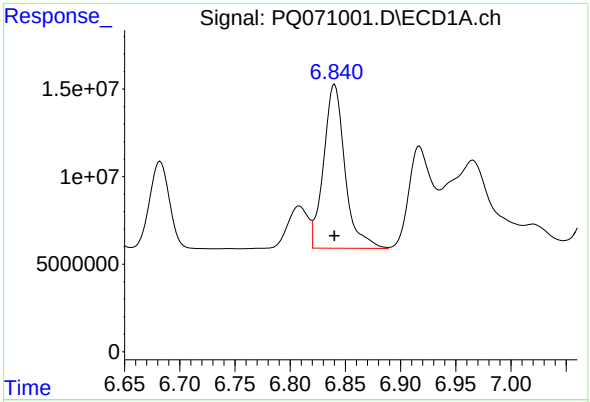

#33 AR-1260-3

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 114998797
Conc: 576.99 ng/ml




#33 AR-1260-3

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 195084285
Conc: 470.08 ng/ml



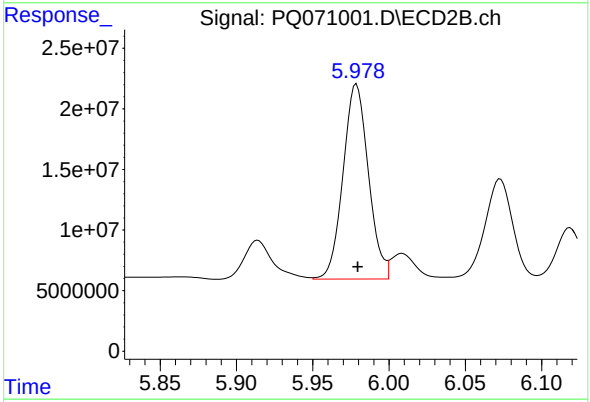

#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 126086390
Conc: 586.77 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025

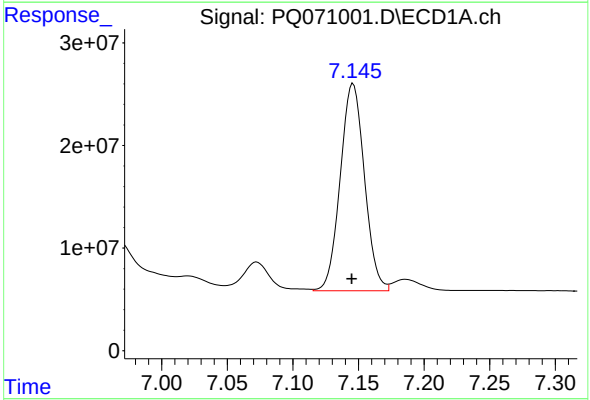
**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



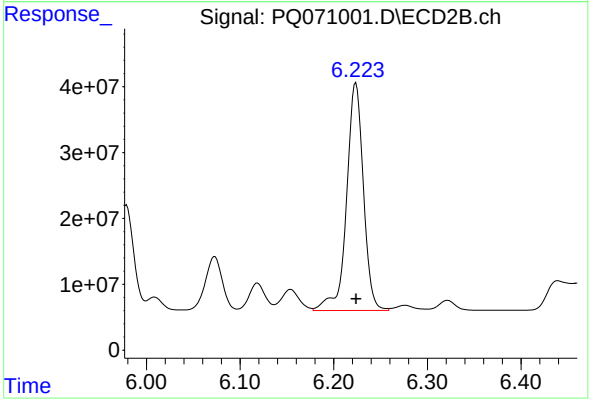

#34 AR-1260-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 186221665
Conc: 517.62 ng/ml




#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.001 min
Response: 259323595
Conc: 597.83 ng/ml




#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 433038147
Conc: 515.35 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 17:41
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1242

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:19:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:16:43 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... | 3.400 | 2.778 | 255.6E6 | 301.0E6 | 55.692 | 54.076 |
| 2) | SA Decachlor... | 8.496 | 7.534 | 182.2E6 | 328.4E6 | 55.793 | 58.440 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.480 | 3.778 | 67446984 | 88802083 | 567.010 | 545.258 |
| 17) | L4 AR-1242-2 | 4.499 | 3.793 | 106.5E6 | 130.9E6 | 558.407 | 542.137 |
| 18) | L4 AR-1242-3 | 4.556 | 3.952 | 65846450 | 69528801 | 553.814 | 527.451m |
| 19) | L4 AR-1242-4 | 4.646 | 4.039 | 55324188 | 66246241 | 555.710 | 578.219 |
| 20) | L4 AR-1242-5 | 5.349 | 4.534 | 35965359 | 88786139 | 456.866 | 509.855 |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 17:41
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

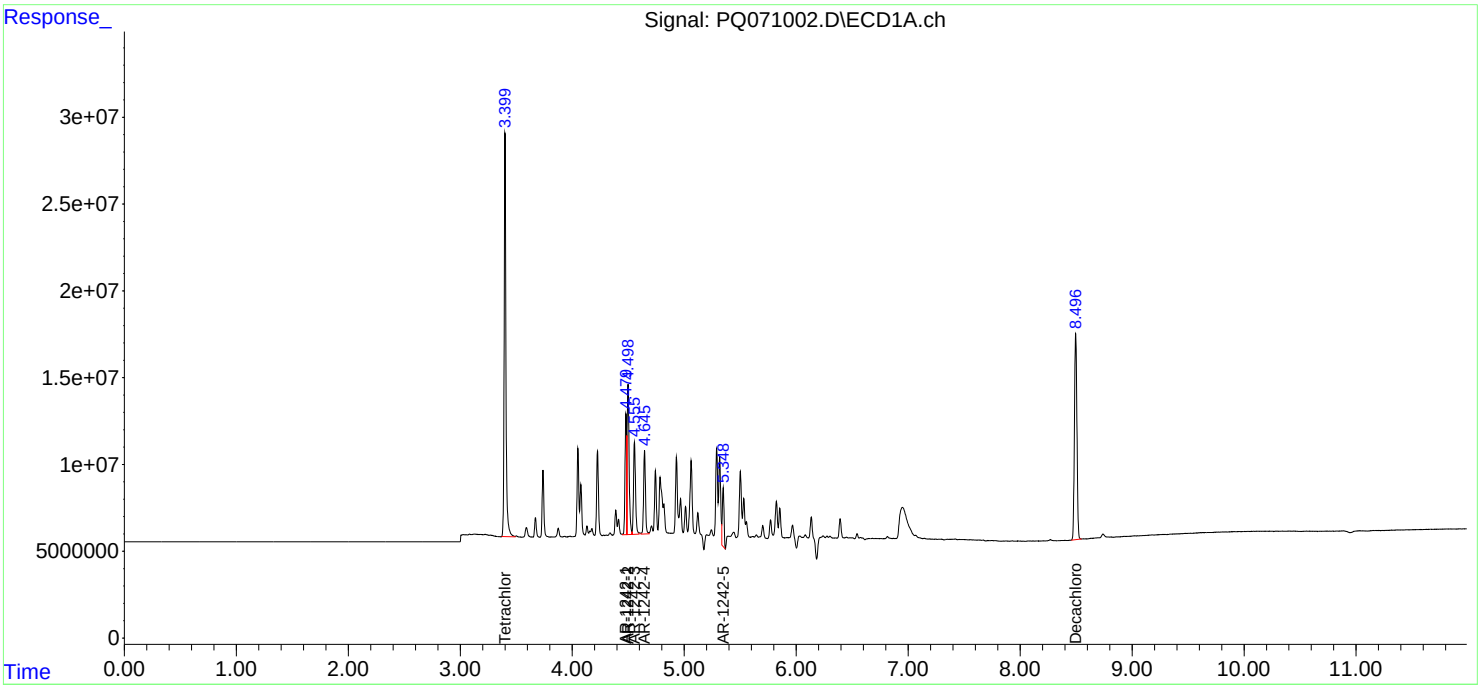
**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1242

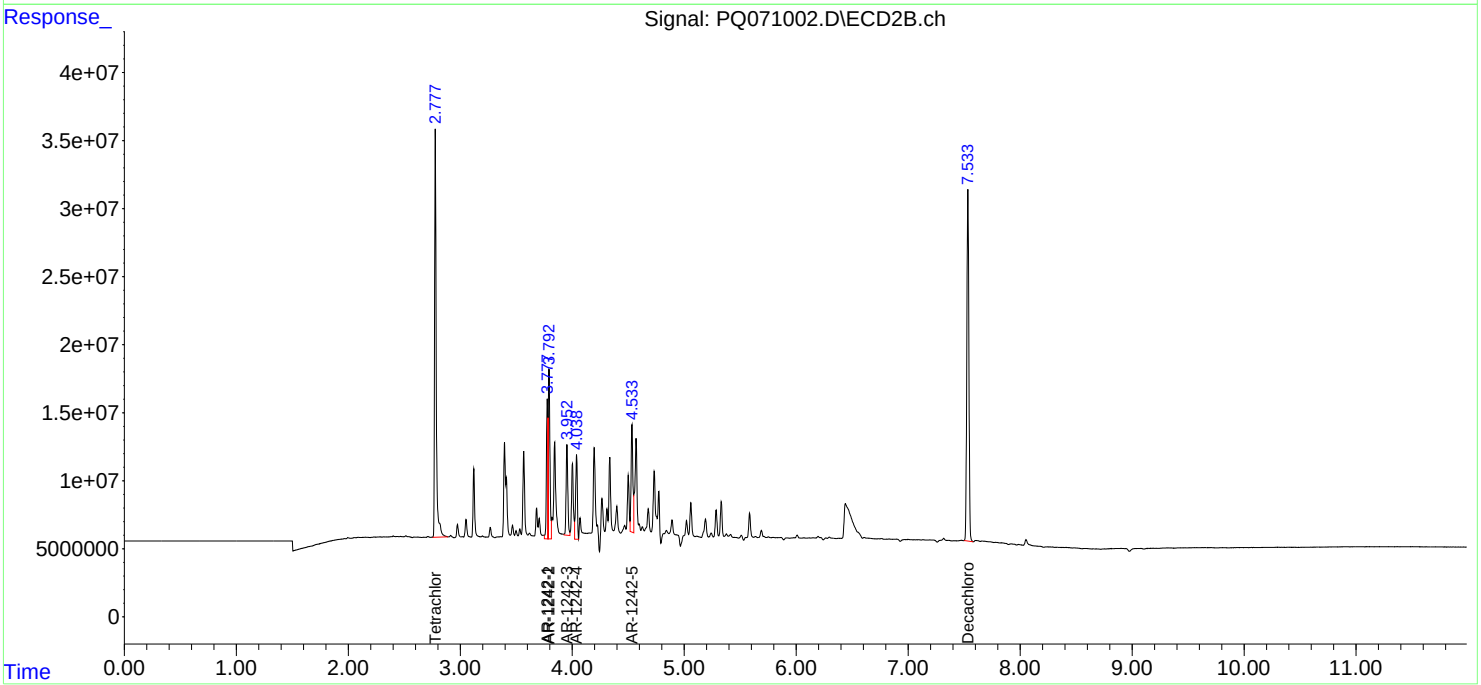
**Manual Integrations APPROVED**

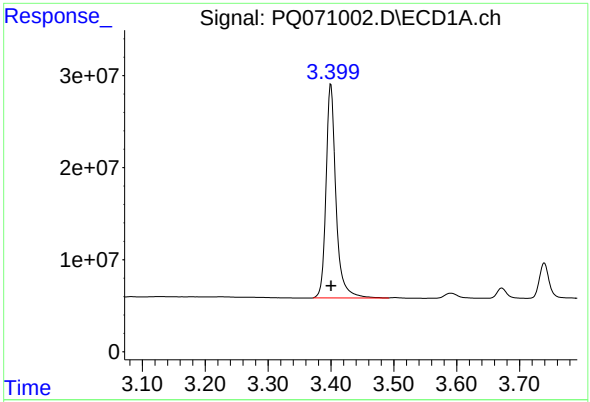
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:19:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:16:43 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





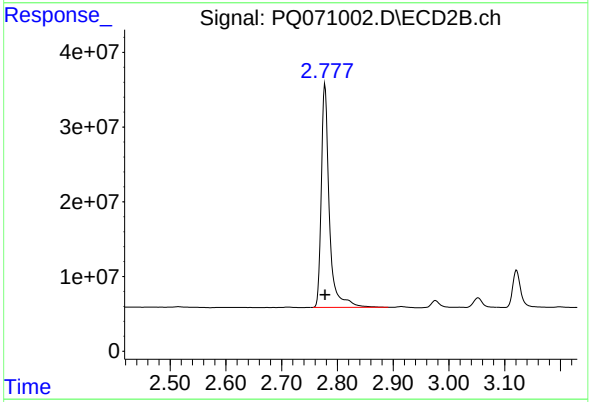

#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 255633420
Conc: 55.69 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1242

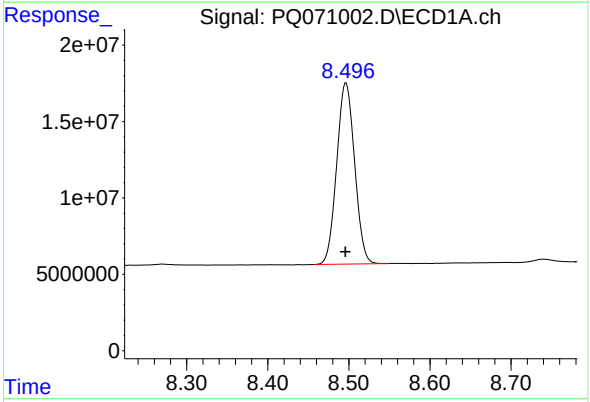
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



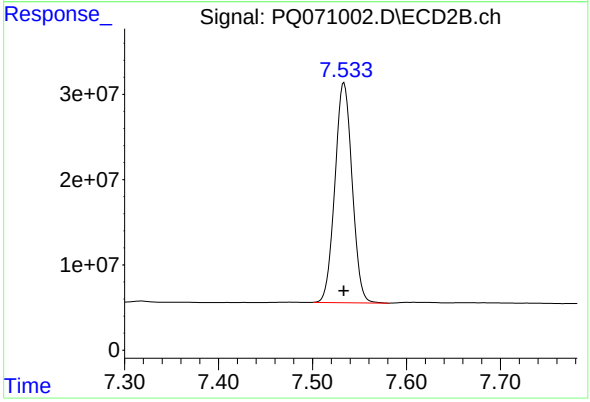

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 301010208
Conc: 54.08 ng/ml



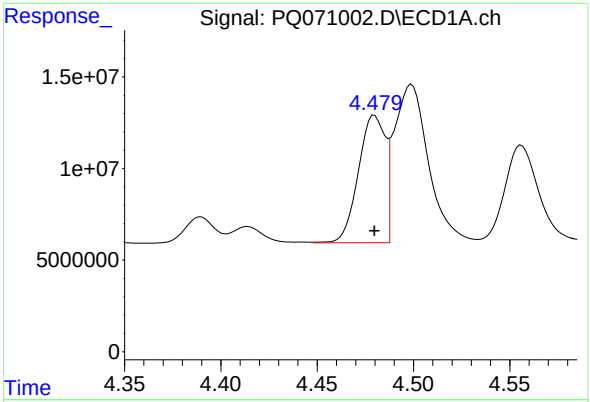

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 182166881
Conc: 55.79 ng/ml




#2 Decachlorobiphenyl

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 328407221
Conc: 58.44 ng/ml



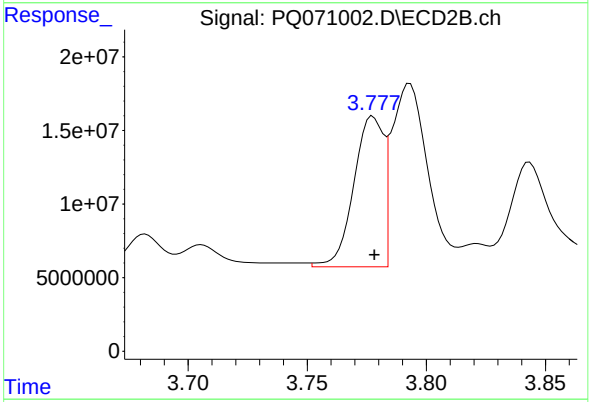

#16 AR-1242-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 67446984
Conc: 567.01 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1242

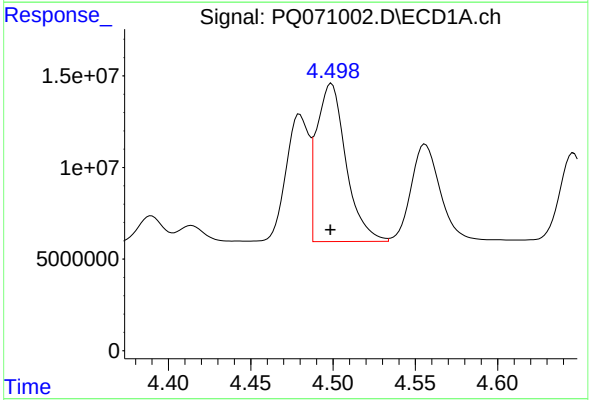
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



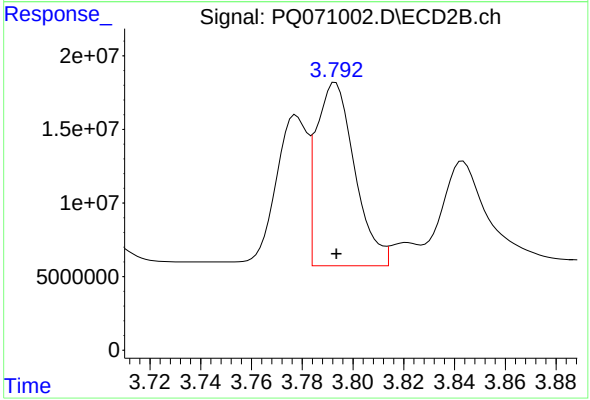

#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 88802083
Conc: 545.26 ng/ml



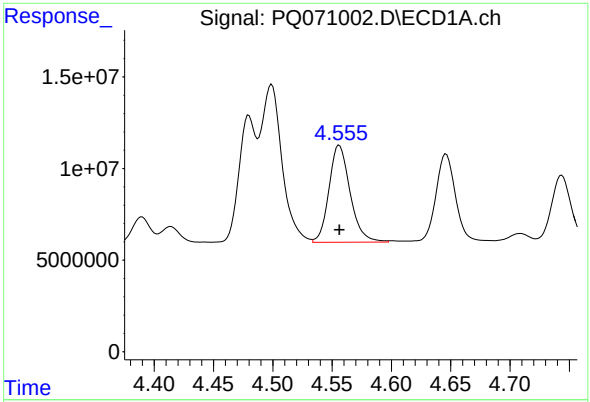

#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 106495313
Conc: 558.41 ng/ml




#17 AR-1242-2

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 130858283
Conc: 542.14 ng/ml



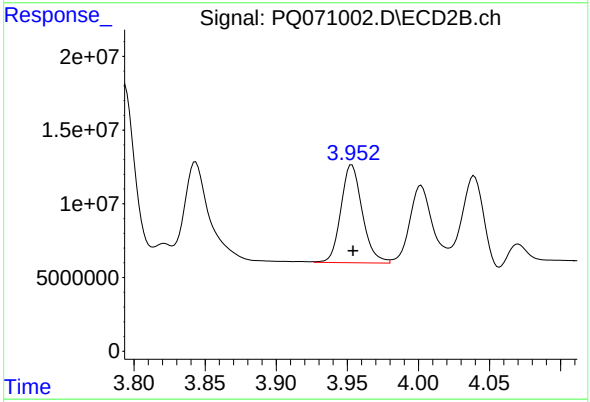

#18 AR-1242-3

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 65846450
Conc: 553.81 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1242

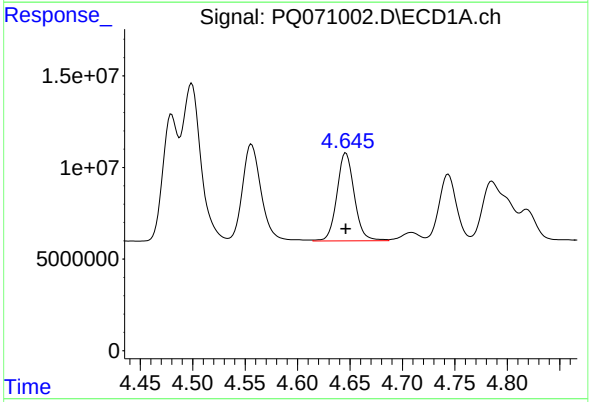
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



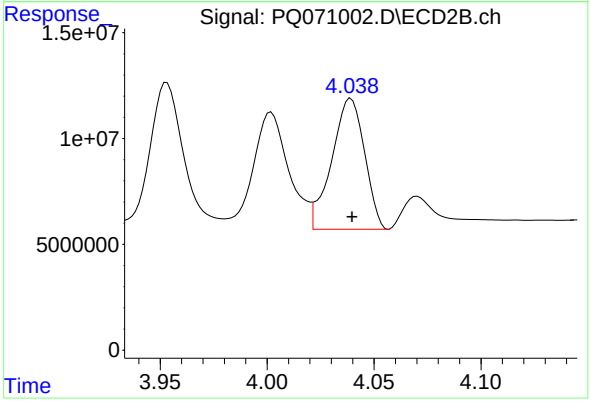

#18 AR-1242-3

R.T.: 3.952 min
Delta R.T.: -0.002 min
Response: 69528801
Conc: 527.45 ng/ml m



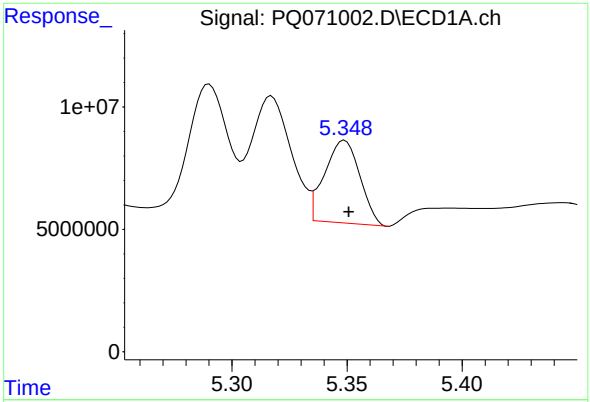

#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 55324188
Conc: 555.71 ng/ml




#19 AR-1242-4

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 66246241
Conc: 578.22 ng/ml



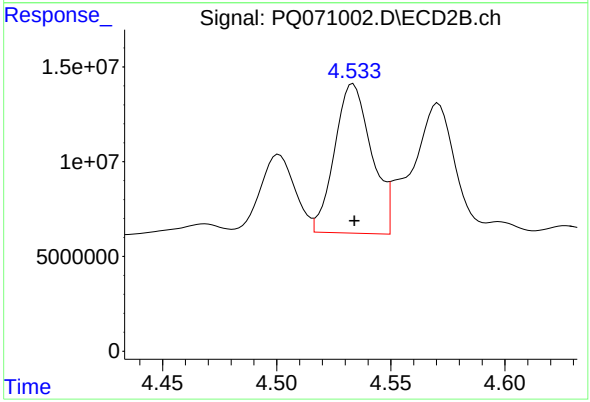

#20 AR-1242-5

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 35965359
Conc: 456.87 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1242

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025




#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 88786139
Conc: 509.86 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 18:25
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1248

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:26:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:23:25 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... | 3.400 | 2.778 | 253.0E6 | 292.6E6 | 54.792 | 52.505 |
| 2) | SA Decachlor... | 8.497 | 7.534 | 179.8E6 | 324.3E6 | 54.114 | 56.854 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.480 | 3.777 | 47223685 | 65282112 | 527.847 | 516.093 |
| 22) | L5 AR-1248-2 | 4.743 | 4.002 | 73173417 | 97020820 | 536.277 | 514.526 |
| 23) | L5 AR-1248-3 | 4.931 | 4.039 | 87732864 | 87534945 | 543.629 | 487.239 |
| 24) | L5 AR-1248-4 | 5.317 | 4.196 | 98470443 | 117.2E6 | 567.576m | 522.551m |
| 25) | L5 AR-1248-5 | 5.349 | 4.571 | 59958766 | 126.5E6 | 402.630m | 543.081 # |

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 18:25
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

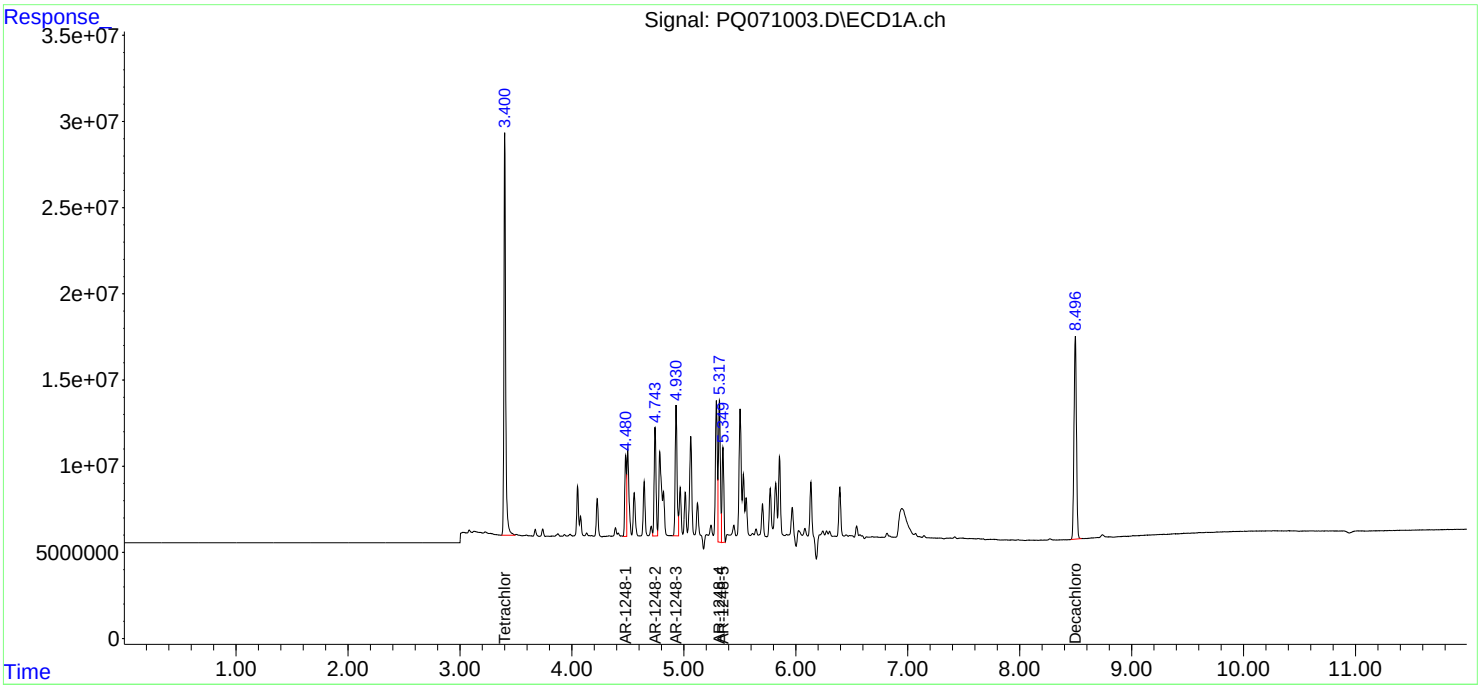
**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1248

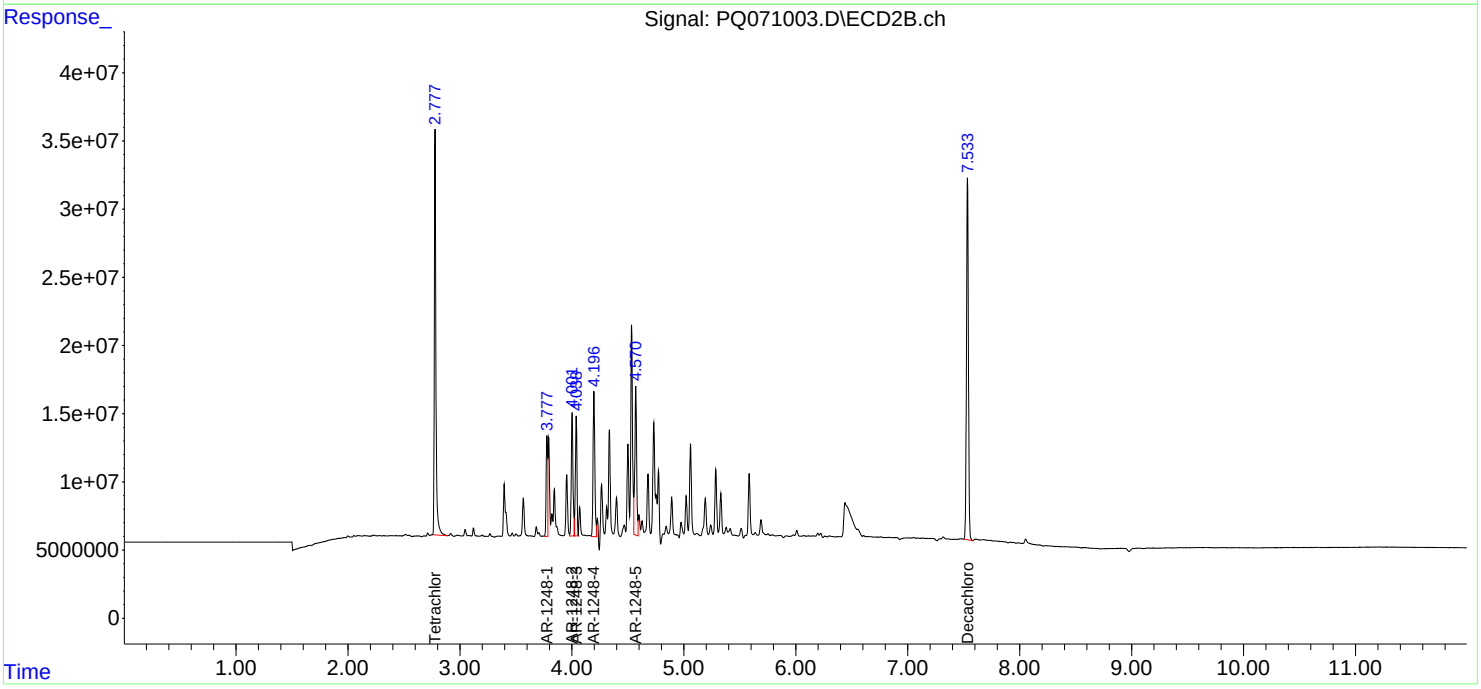
**Manual Integrations APPROVED**

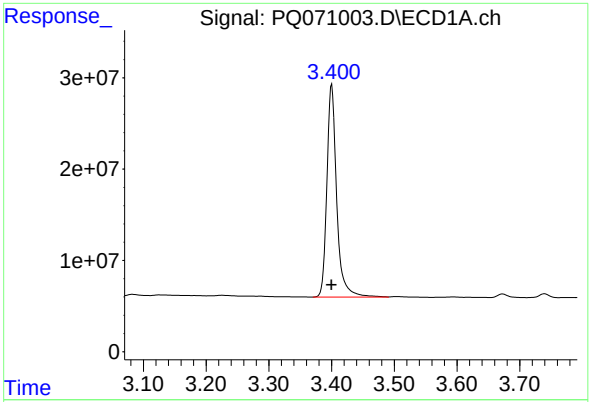
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:26:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:23:25 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





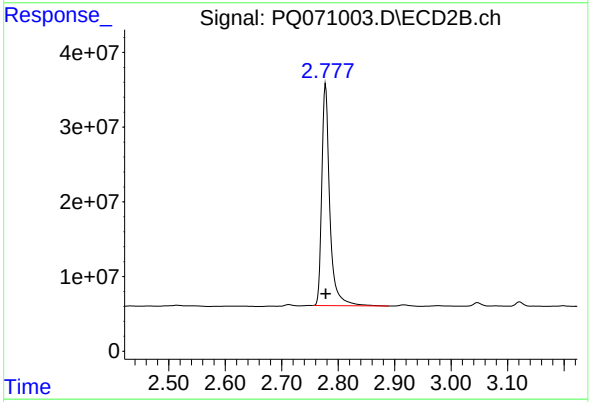

#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 253021754
Conc: 54.79 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1248

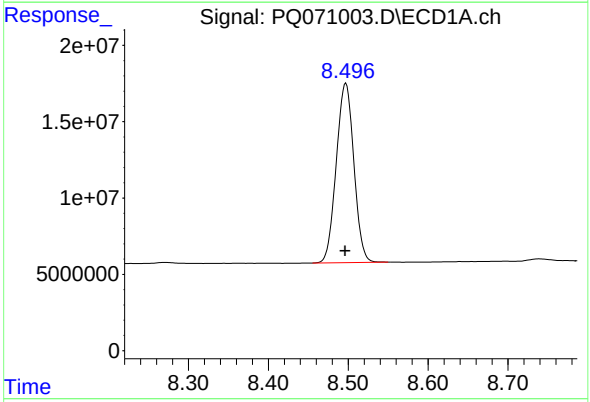
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



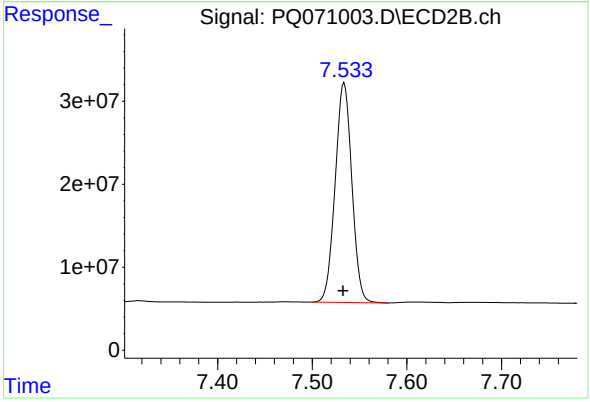

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 292628939
Conc: 52.50 ng/ml



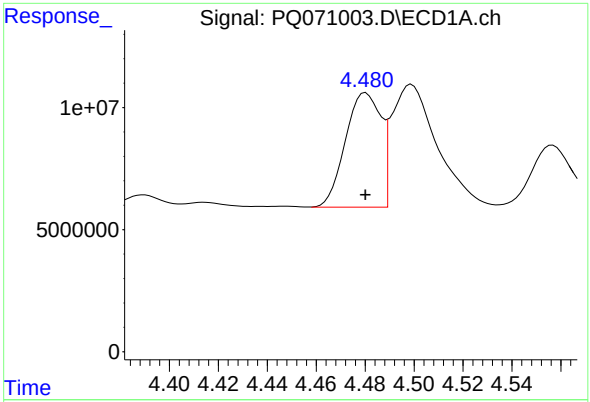

#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 179847567
Conc: 54.11 ng/ml




#2 Decachlorobiphenyl

R.T.: 7.534 min
Delta R.T.: 0.001 min
Response: 324345066
Conc: 56.85 ng/ml



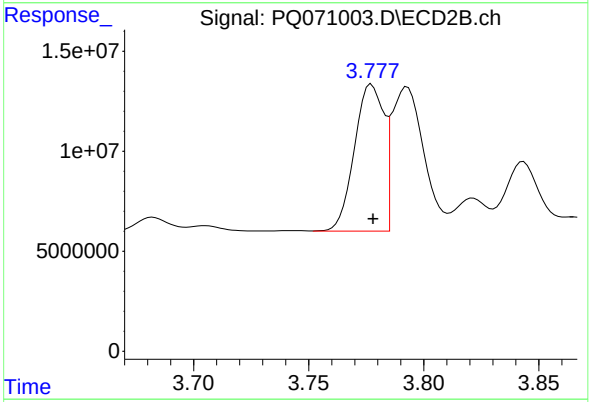

#21 AR-1248-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 47223685
Conc: 527.85 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1248

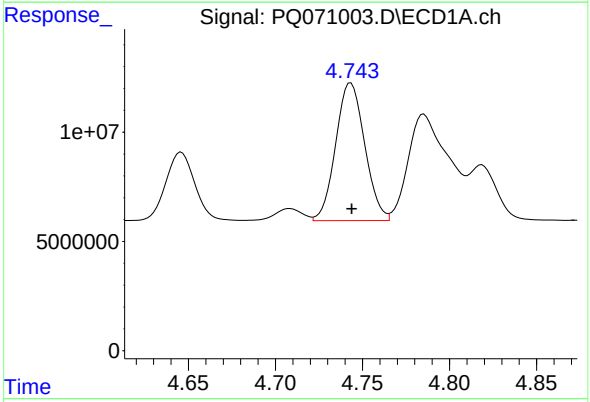
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



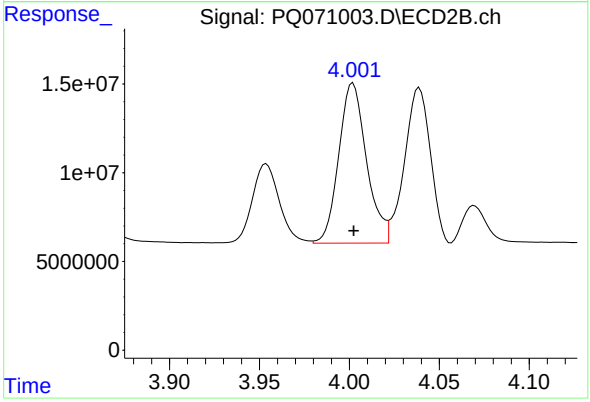

#21 AR-1248-1

R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 65282112
Conc: 516.09 ng/ml



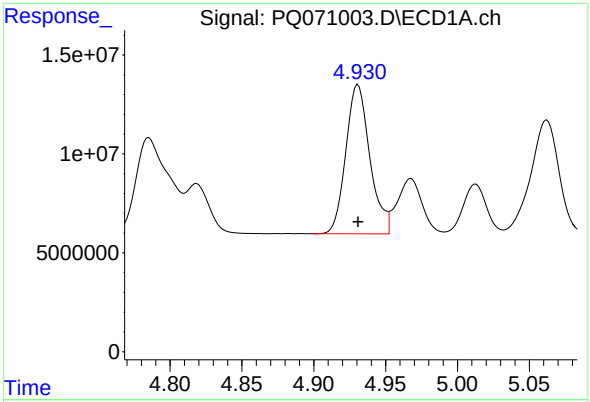

#22 AR-1248-2

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 73173417
Conc: 536.28 ng/ml




#22 AR-1248-2

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 97020820
Conc: 514.53 ng/ml



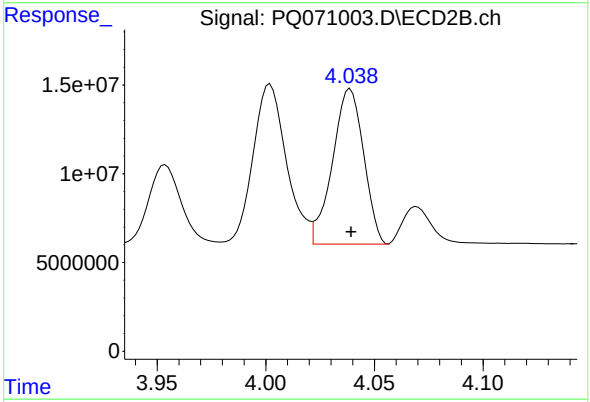

#23 AR-1248-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 87732864
Conc: 543.63 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1248

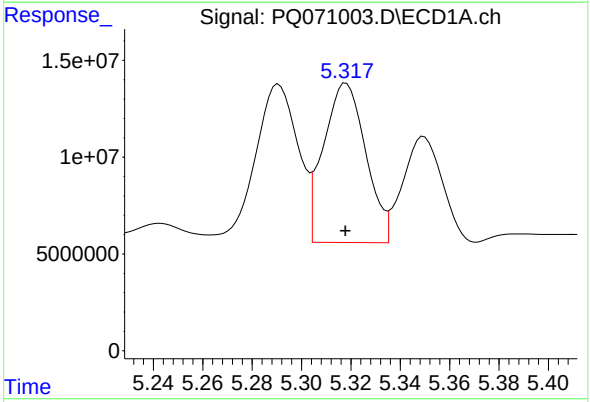
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



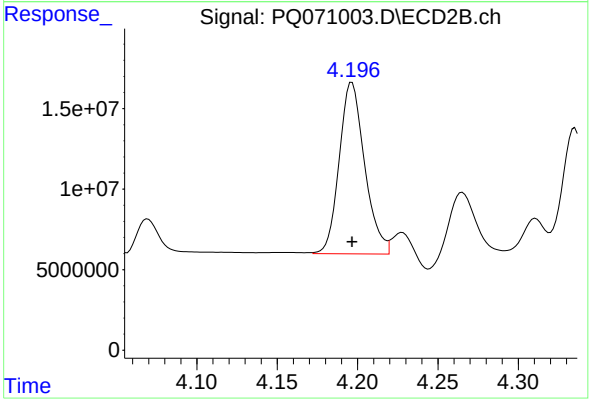

#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 87534945
Conc: 487.24 ng/ml



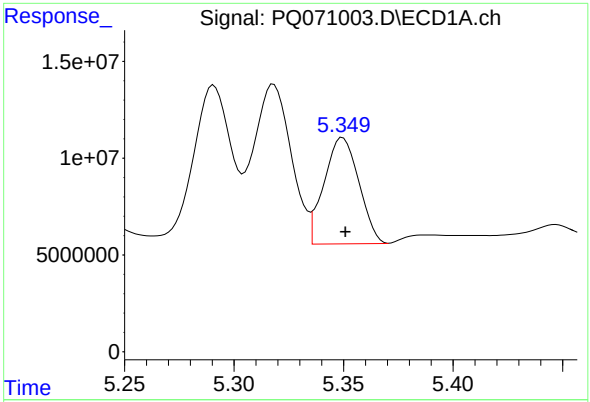

#24 AR-1248-4

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 98470443
Conc: 567.58 ng/ml m




#24 AR-1248-4

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 117224408
Conc: 522.55 ng/ml m



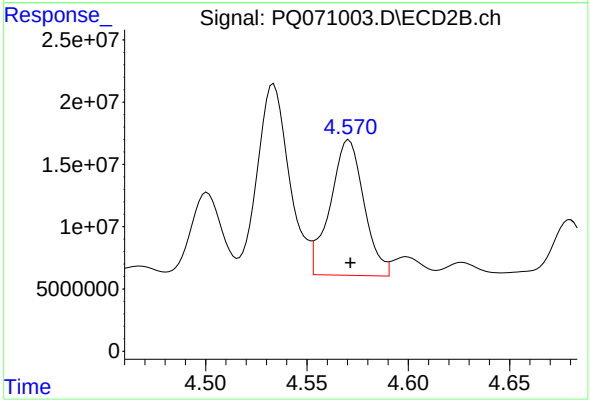

#25 AR-1248-5

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 59958766
Conc: 402.63 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1248

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025




#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 126452467
Conc: 543.08 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 19:08
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:34:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:30:57 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... | 3.400 | 2.778 | 247.0E6 | 287.2E6 | 56.214 | 55.217 |
| 2) | SA Decachlor... | 8.498 | 7.533 | 175.2E6 | 316.3E6 | 55.323 | 56.717 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.293 | 4.533 | 115.3E6 | 191.1E6 | 587.461 | 566.643 |
| 27) | L6 AR-1254-2 | 5.507 | 4.680 | 167.9E6 | 162.6E6 | 578.152 | 547.137 |
| 28) | L6 AR-1254-3 | 5.855 | 5.060 | 176.3E6 | 253.6E6 | 573.790 | 542.980 |
| 29) | L6 AR-1254-4 | 6.134 | 5.286 | 124.7E6 | 161.4E6 | 568.016 | 546.628 |
| 30) | L6 AR-1254-5 | 6.544 | 5.690 | 130.6E6 | 228.4E6 | 563.253 | 543.396 |

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

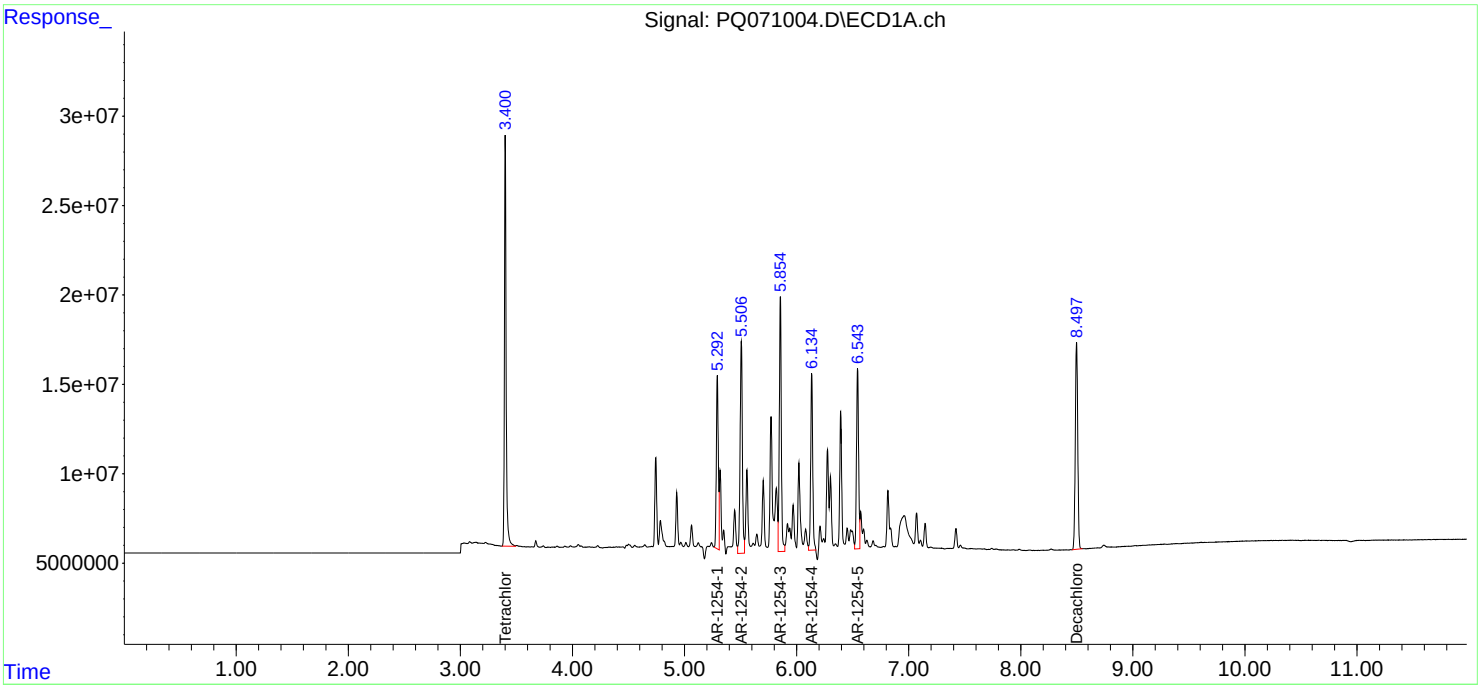
ICAL Form

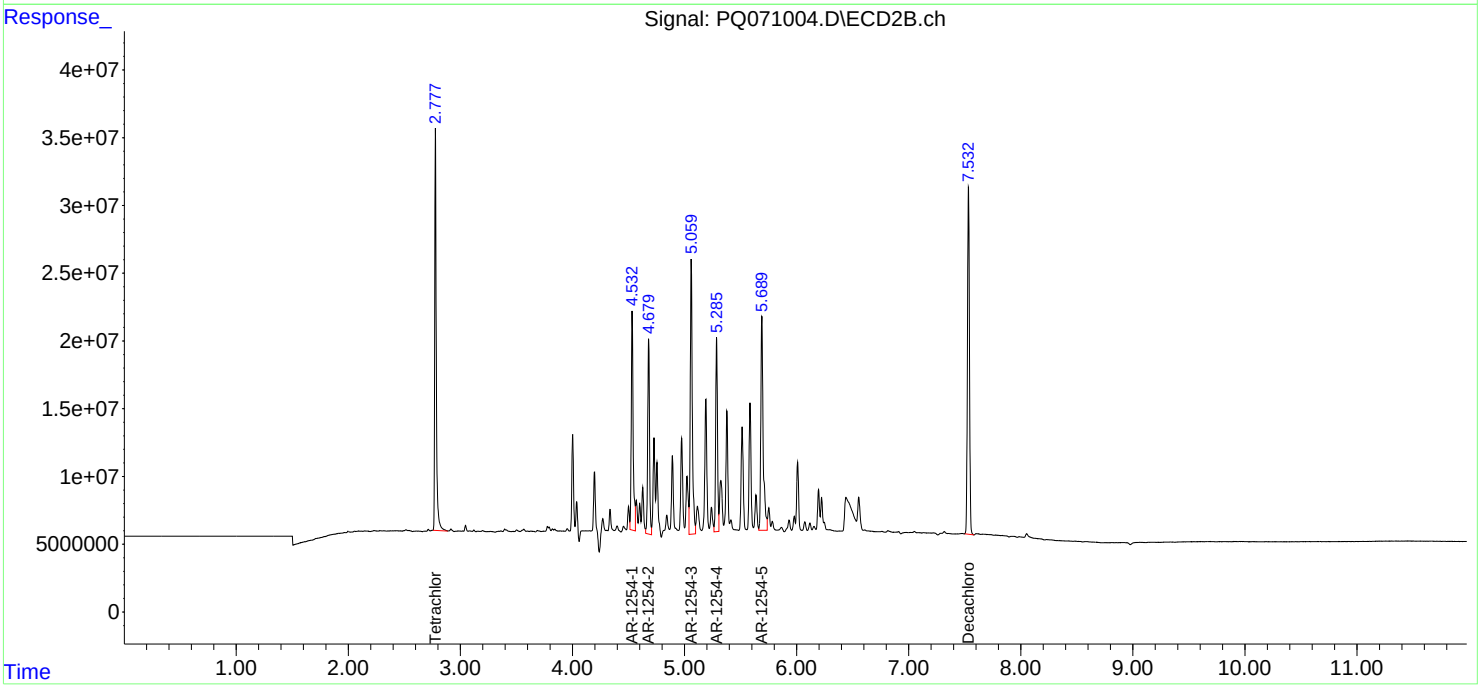
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 19:08
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

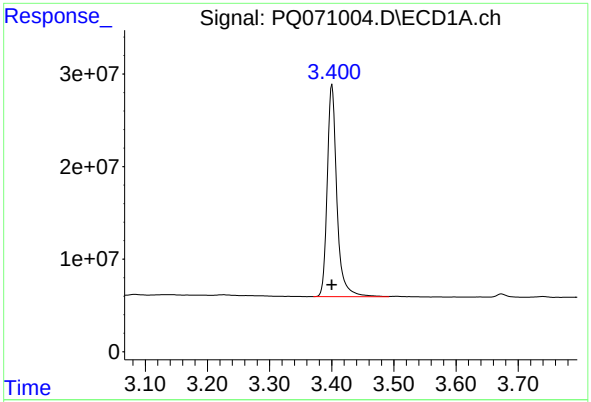
**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:34:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:30:57 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



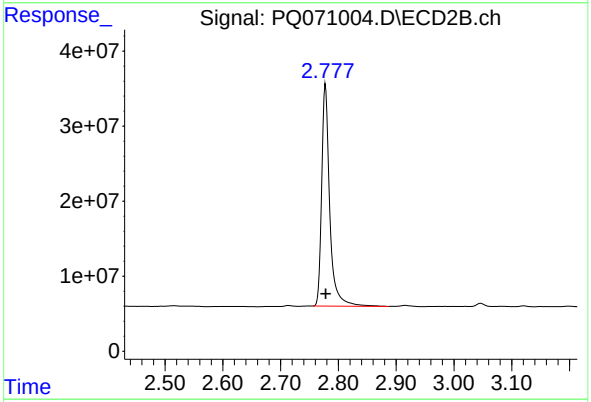






#1 Tetrachloro-m-xylene

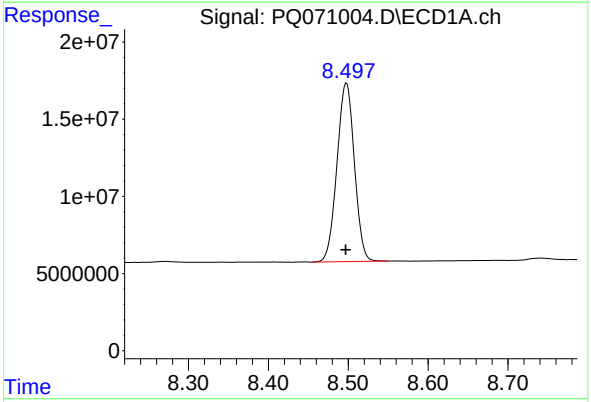
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 246956460
Conc: 56.21 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1254



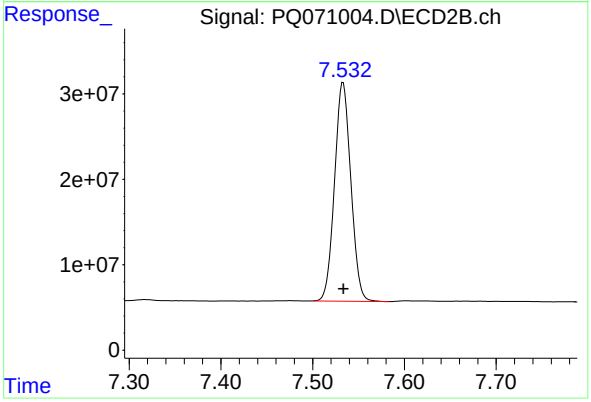

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 287227626
Conc: 55.22 ng/ml



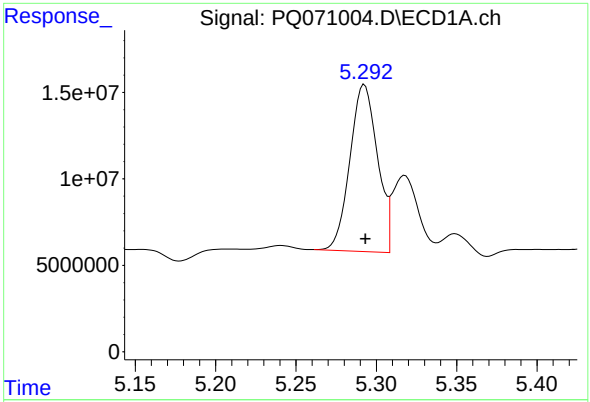

#2 Decachlorobiphenyl

R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 175150667
Conc: 55.32 ng/ml




#2 Decachlorobiphenyl

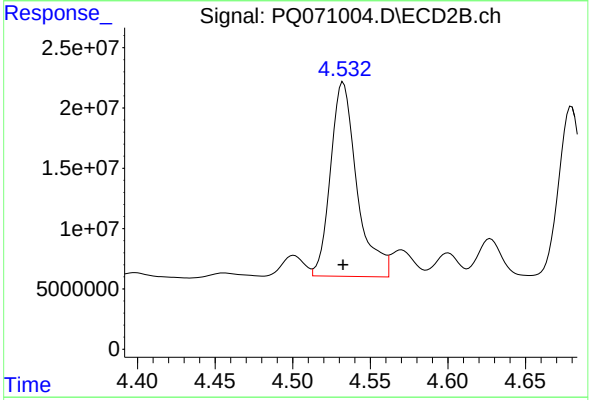
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 316297966
Conc: 56.72 ng/ml




#26 AR-1254-1

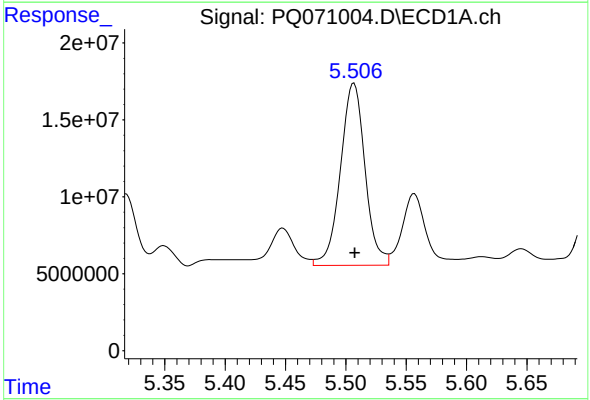
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 115305910
Conc: 587.46 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1254



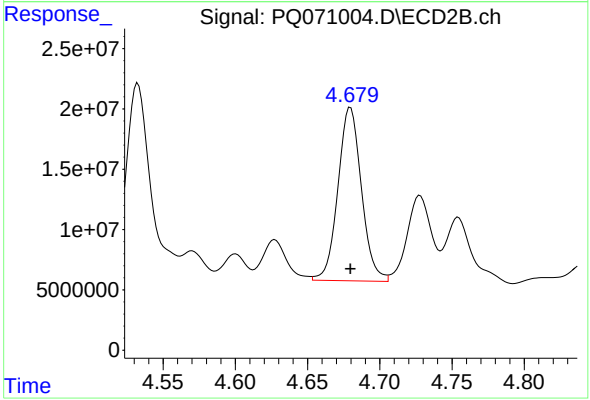

#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 191078779
Conc: 566.64 ng/ml



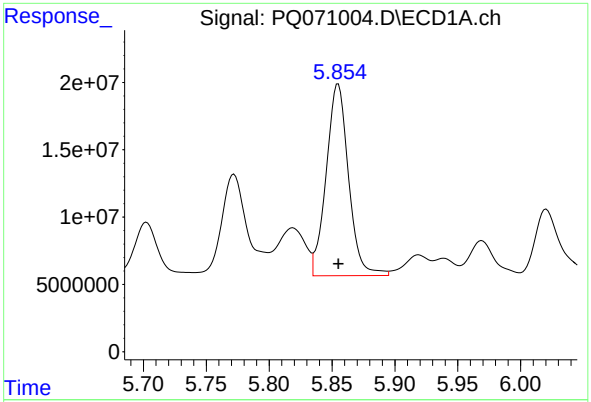

#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 167943478
Conc: 578.15 ng/ml




#27 AR-1254-2

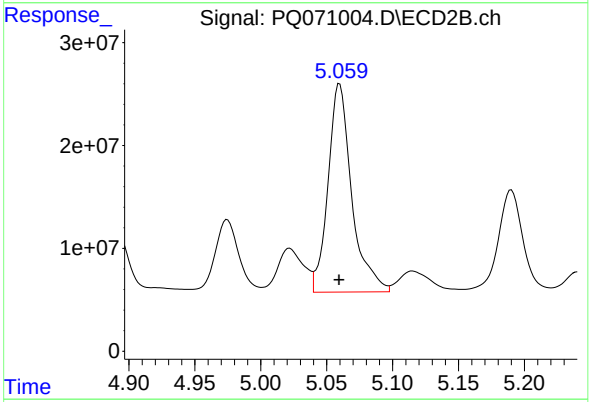
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 162584096
Conc: 547.14 ng/ml




#28 AR-1254-3

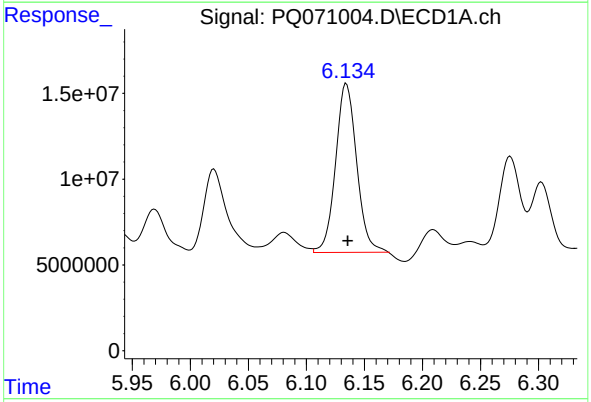
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 176272565
Conc: 573.79 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1254



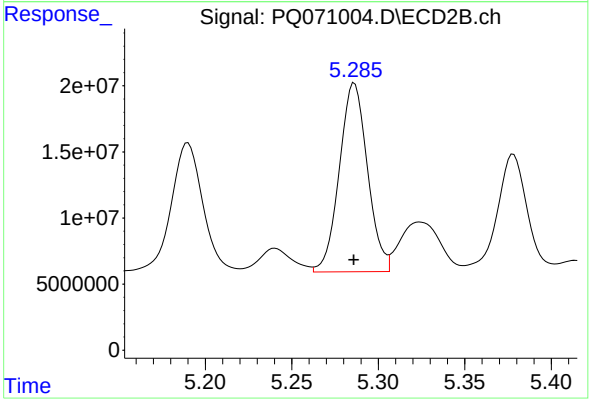

#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 253607279
Conc: 542.98 ng/ml



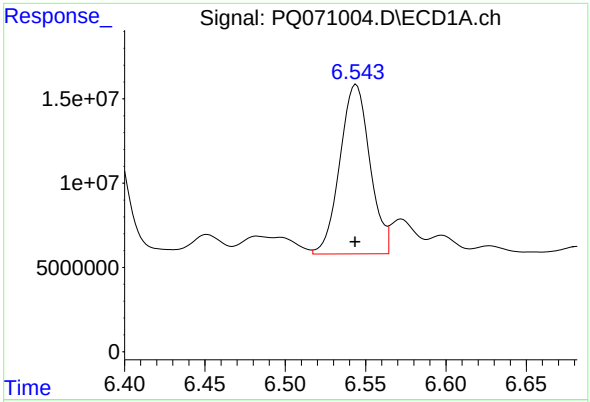

#29 AR-1254-4

R.T.: 6.134 min
Delta R.T.: -0.001 min
Response: 124702483
Conc: 568.02 ng/ml




#29 AR-1254-4

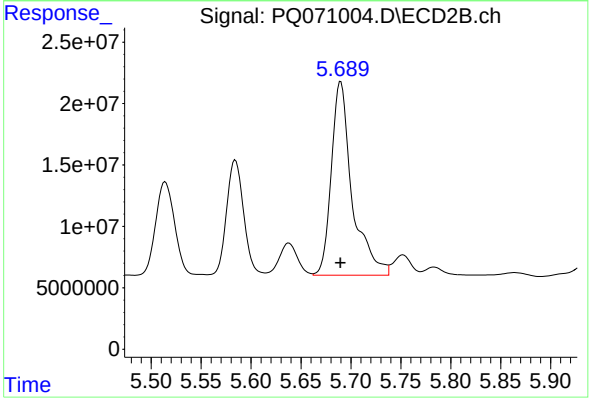
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 161392628
Conc: 546.63 ng/ml




#30 AR-1254-5

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 130615840
Conc: 563.25 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1254




#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 228416064
Conc: 543.40 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 19:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:39:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:37:12 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... | 3.401 | 2.777 | 256.6E6 | 296.1E6 | 52.549 | 51.872 |
| 2) | SA Decachlor... | 8.497 | 7.533 | 317.0E6 | 560.4E6 | 52.621 | 50.721 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.418 | 6.500 | 307.3E6 | 498.7E6 | 527.367 | 511.825 |
| 42) | L9 AR-1268-2 | 7.495 | 6.563 | 283.4E6 | 464.0E6 | 533.785 | 516.248 |
| 43) | L9 AR-1268-3 | 7.677 | 6.763 | 233.9E6 | 395.9E6 | 539.709 | 506.489 |
| 44) | L9 AR-1268-4 | 7.989 | 7.051 | 100.4E6 | 175.1E6 | 534.727 | 508.315 |
| 45) | L9 AR-1268-5 | 8.271 | 7.318 | 696.8E6 | 1236.0E6 | 531.266 | 510.673 |

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

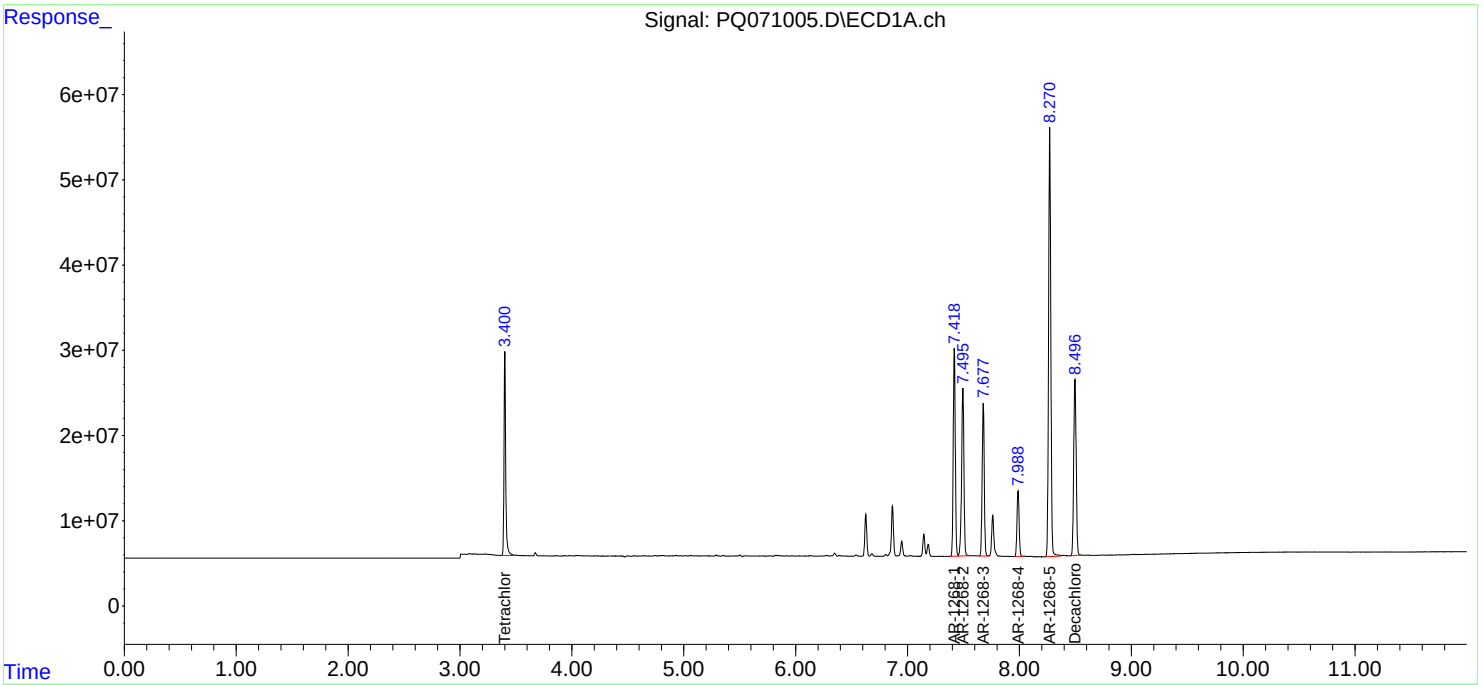
ICAL Form

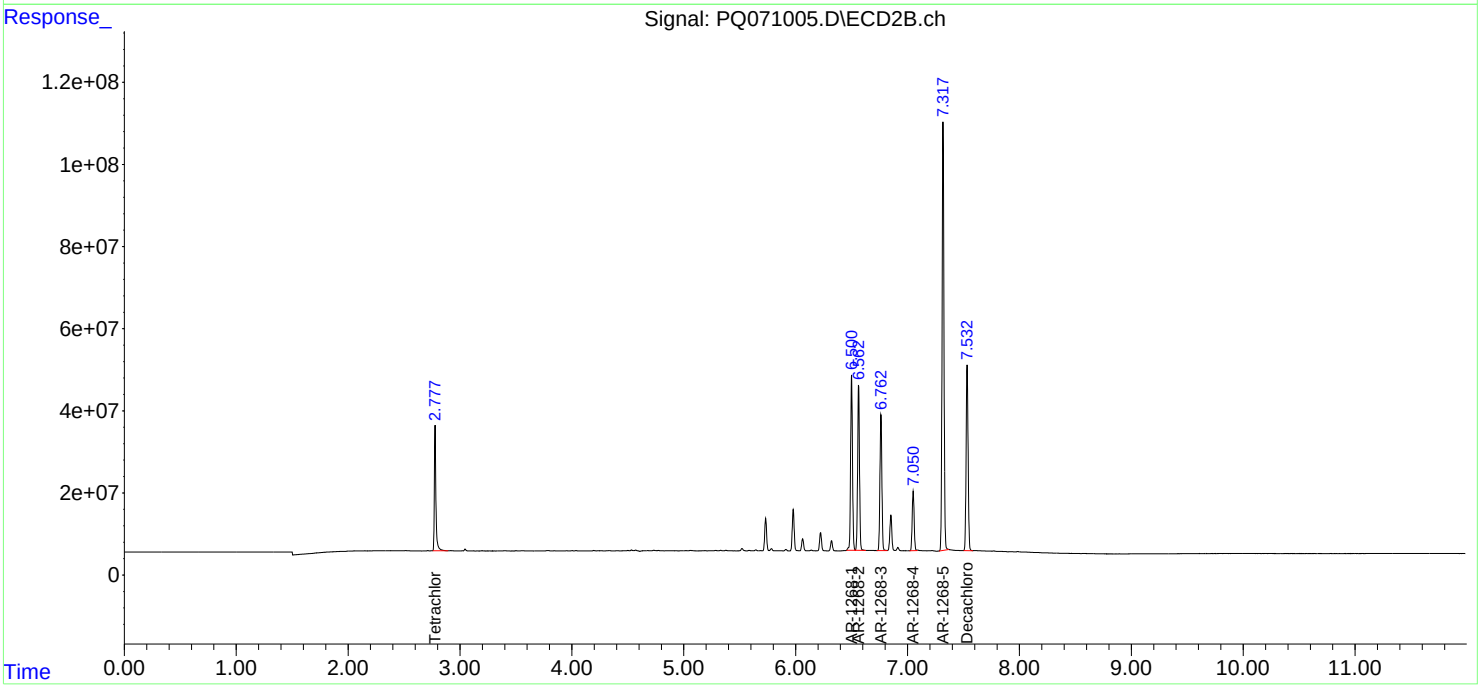
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 19:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

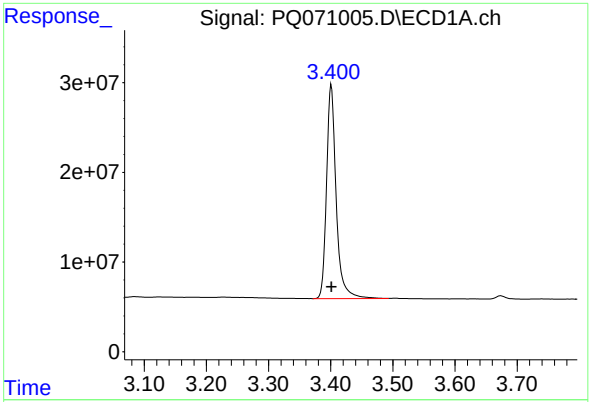
**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:39:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:37:12 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



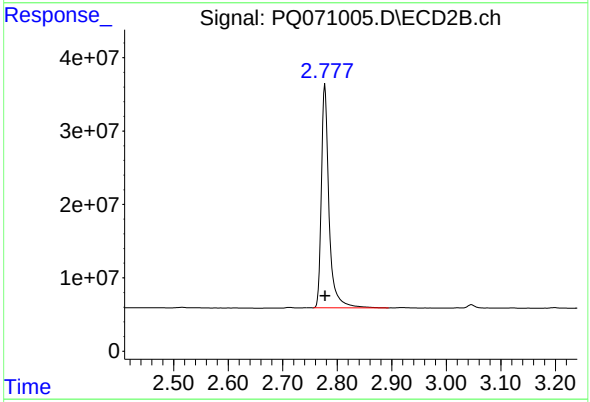






#1 Tetrachloro-m-xylene

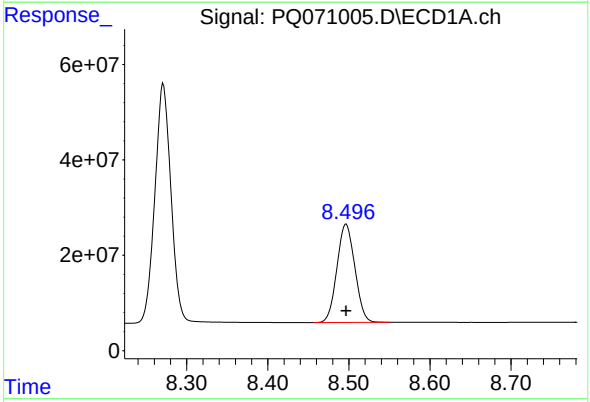
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 256641615
Conc: 52.55 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1268



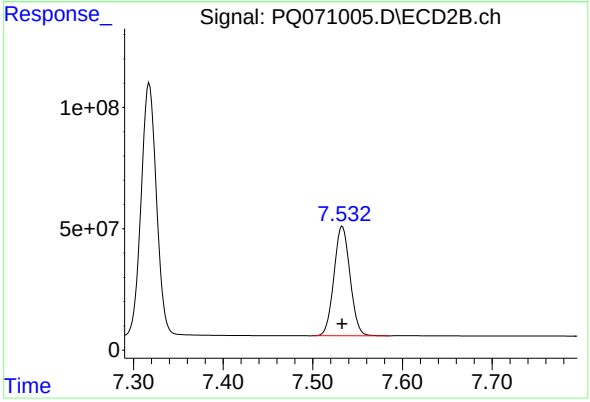

#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 296113428
Conc: 51.87 ng/ml



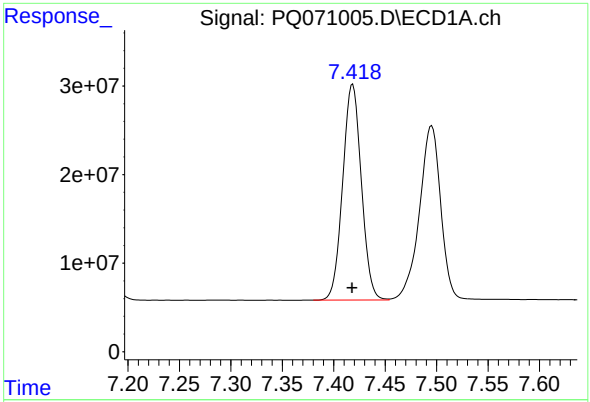

#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 317031582
Conc: 52.62 ng/ml




#2 Decachlorobiphenyl

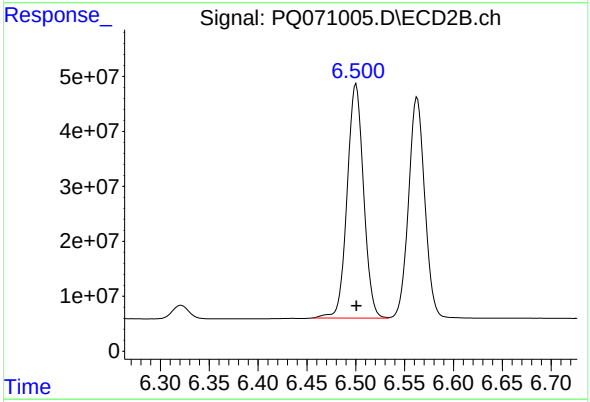
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 560415145
Conc: 50.72 ng/ml




#41 AR-1268-1

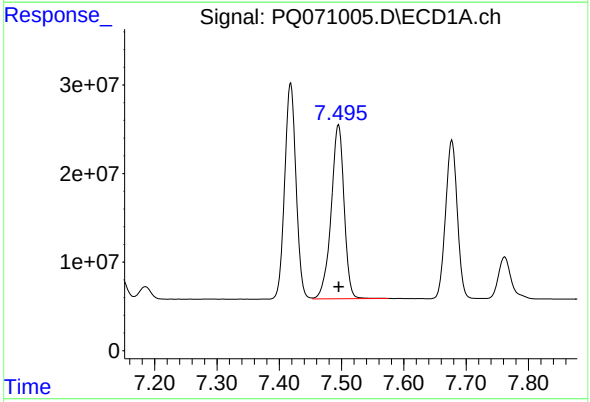
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 307261040
Conc: 527.37 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1268



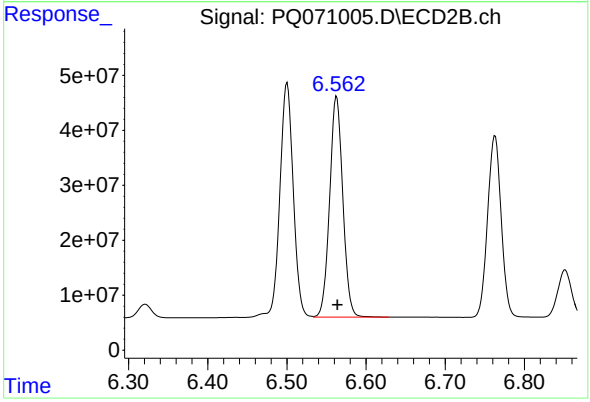

#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 498745928
Conc: 511.83 ng/ml



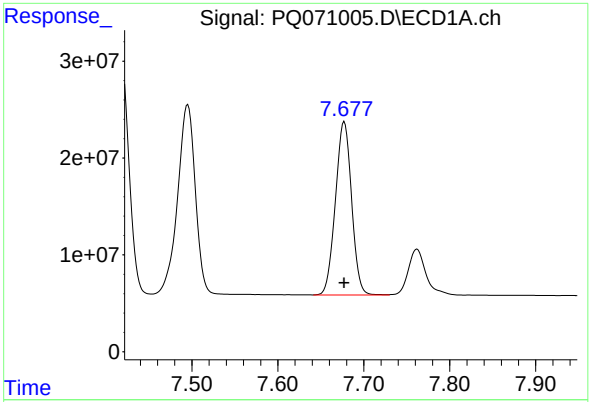

#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 283380161
Conc: 533.78 ng/ml




#42 AR-1268-2

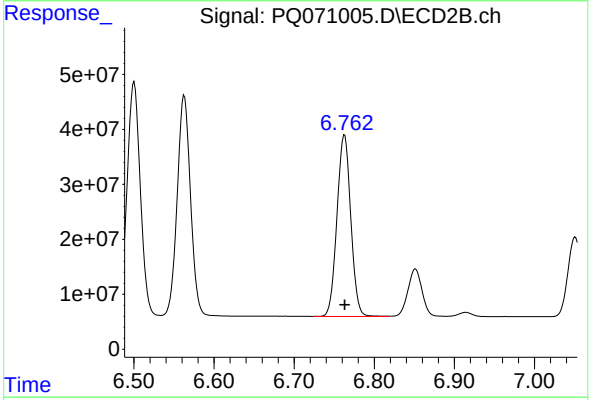
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 463960839
Conc: 516.25 ng/ml




#43 AR-1268-3

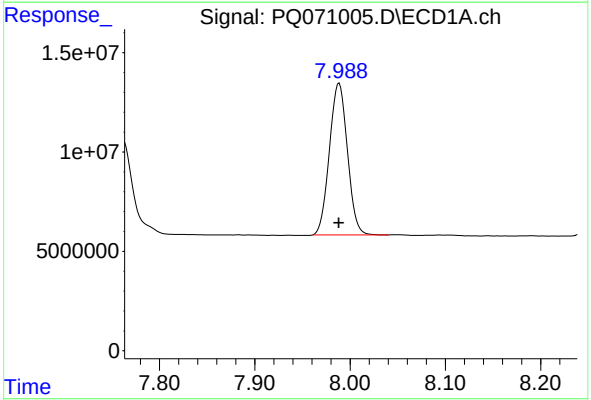
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 233855867
Conc: 539.71 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1268



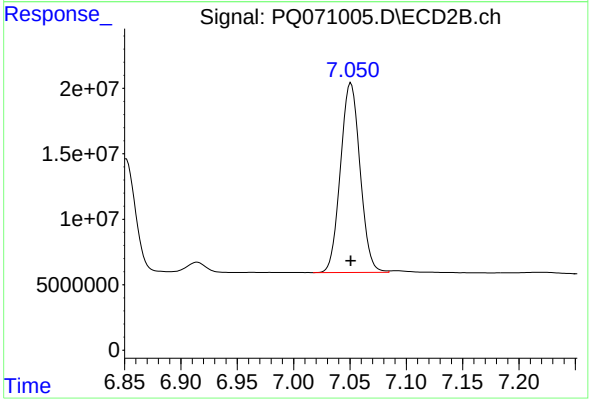

#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 395934354
Conc: 506.49 ng/ml



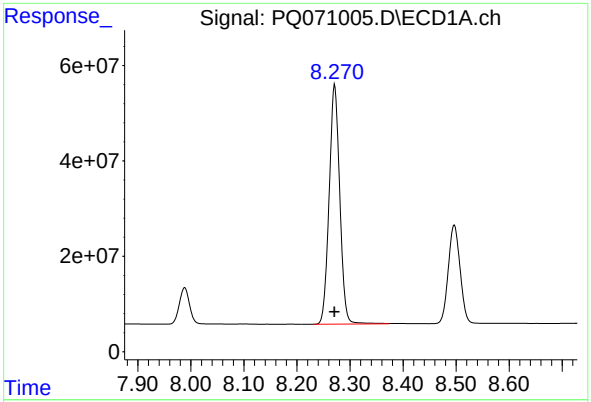

#44 AR-1268-4

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 100352602
Conc: 534.73 ng/ml




#44 AR-1268-4

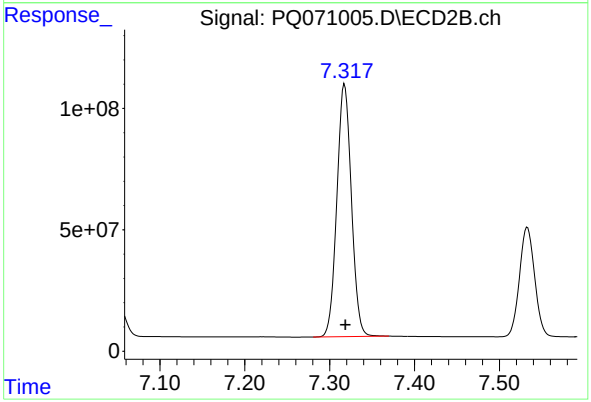
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 175126997
Conc: 508.32 ng/ml




#45 AR-1268-5

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 696811272
Conc: 531.27 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
ICVPQ101025AR1268




#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 1236017444
Conc: 510.67 ng/ml

Raw Data: **PP076063.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Continuing Calib Date:** 10/27/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

**Continuing Calib Time:** 08:56 **Initial Calibration Time(s):** 09:06 17:01

**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) | 5.79 | 5.80 | 5.70 | 5.90 | 0.01 |
| Aroclor-1016-2 | (2) | 5.81 | 5.82 | 5.72 | 5.92 | 0.01 |
| Aroclor-1016-3 | (3) | 5.87 | 5.88 | 5.78 | 5.98 | 0.01 |
| Aroclor-1016-4 | (4) | 5.97 | 5.98 | 5.88 | 6.08 | 0.01 |
| Aroclor-1016-5 | (5) | 6.26 | 6.27 | 6.17 | 6.37 | 0.01 |
| Aroclor-1260-1 | (1) | 7.38 | 7.39 | 7.29 | 7.49 | 0.01 |
| Aroclor-1260-2 | (2) | 7.63 | 7.64 | 7.54 | 7.74 | 0.01 |
| Aroclor-1260-3 | (3) | 7.99 | 8.00 | 7.90 | 8.10 | 0.01 |
| Aroclor-1260-4 | (4) | 8.22 | 8.23 | 8.13 | 8.33 | 0.01 |
| Aroclor-1260-5 | (5) | 8.54 | 8.55 | 8.45 | 8.65 | 0.01 |
| Tetrachloro-m-xylene | | 4.64 | 4.64 | 4.54 | 4.74 | 0.00 |
| Decachlorobiphenyl | | 10.41 | 10.42 | 10.32 | 10.52 | 0.02 |

Raw Data: **PP076063.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Continuing Calib Date:** 10/27/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

**Continuing Calib Time:** 08:56 **Initial Calibration Time(s):** 09:06 17:01

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.87 | 4.88 | 4.78 | 4.98 | 0.01 |
| Aroclor-1016-2 | (2) | 4.93 | 4.94 | 4.84 | 5.04 | 0.01 |
| Aroclor-1016-3 | (3) | 5.05 | 5.05 | 4.95 | 5.15 | 0.00 |
| Aroclor-1016-4 | (4) | 5.09 | 5.10 | 5.00 | 5.20 | 0.01 |
| Aroclor-1016-5 | (5) | 5.31 | 5.31 | 5.21 | 5.41 | 0.00 |
| Aroclor-1260-1 | (1) | 6.33 | 6.34 | 6.24 | 6.44 | 0.01 |
| Aroclor-1260-2 | (2) | 6.52 | 6.53 | 6.43 | 6.63 | 0.01 |
| Aroclor-1260-3 | (3) | 6.67 | 6.68 | 6.58 | 6.78 | 0.01 |
| Aroclor-1260-4 | (4) | 7.14 | 7.15 | 7.05 | 7.25 | 0.01 |
| Aroclor-1260-5 | (5) | 7.38 | 7.39 | 7.29 | 7.49 | 0.01 |
| Tetrachloro-m-xylene | | 3.78 | 3.78 | 3.68 | 3.88 | 0.00 |
| Decachlorobiphenyl | | 8.78 | 8.78 | 8.68 | 8.88 | 0.01 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 10/27/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP076063.D **Time Analyzed:** 08:56

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 5.789 | 5.695 | 5.895 | 527.890 | 500.000 | 5.6 |
| Aroclor-1016-2 | 5.811 | 5.717 | 5.917 | 519.780 | 500.000 | 4.0 |
| Aroclor-1016-3 | 5.873 | 5.780 | 5.980 | 525.330 | 500.000 | 5.1 |
| Aroclor-1016-4 | 5.971 | 5.877 | 6.077 | 527.600 | 500.000 | 5.5 |
| Aroclor-1016-5 | 6.263 | 6.169 | 6.369 | 513.510 | 500.000 | 2.7 |
| Aroclor-1260-1 | 7.380 | 7.287 | 7.487 | 555.310 | 500.000 | 11.1 |
| Aroclor-1260-2 | 7.633 | 7.540 | 7.740 | 520.510 | 500.000 | 4.1 |
| Aroclor-1260-3 | 7.991 | 7.899 | 8.099 | 543.790 | 500.000 | 8.8 |
| Aroclor-1260-4 | 8.219 | 8.127 | 8.327 | 568.050 | 500.000 | 13.6 |
| Aroclor-1260-5 | 8.544 | 8.452 | 8.652 | 527.260 | 500.000 | 5.5 |
| Decachlorobiphenyl | 10.405 | 10.319 | 10.519 | 52.540 | 50.000 | 5.1 |
| Tetrachloro-m-xylene | 4.637 | 4.542 | 4.742 | 53.280 | 50.000 | 6.6 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 10/27/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP076063.D **Time Analyzed:** 08:56

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.873 | 4.778 | 4.978 | 528.360 | 500.000 | 5.7 |
| Aroclor-1016-2 | 4.930 | 4.836 | 5.036 | 524.210 | 500.000 | 4.8 |
| Aroclor-1016-3 | 5.051 | 4.954 | 5.154 | 458.440 | 500.000 | -8.3 |
| Aroclor-1016-4 | 5.092 | 4.996 | 5.196 | 553.310 | 500.000 | 10.7 |
| Aroclor-1016-5 | 5.306 | 5.210 | 5.410 | 471.040 | 500.000 | -5.8 |
| Aroclor-1260-1 | 6.333 | 6.238 | 6.438 | 534.930 | 500.000 | 7.0 |
| Aroclor-1260-2 | 6.520 | 6.425 | 6.625 | 523.920 | 500.000 | 4.8 |
| Aroclor-1260-3 | 6.673 | 6.578 | 6.778 | 544.970 | 500.000 | 9.0 |
| Aroclor-1260-4 | 7.142 | 7.047 | 7.247 | 557.220 | 500.000 | 11.4 |
| Aroclor-1260-5 | 7.381 | 7.287 | 7.487 | 542.600 | 500.000 | 8.5 |
| Decachlorobiphenyl | 8.775 | 8.682 | 8.882 | 47.580 | 50.000 | -4.8 |
| Tetrachloro-m-xylene | 3.779 | 3.681 | 3.881 | 52.390 | 50.000 | 4.8 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 08:56
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:00:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.637 | 3.779 | 76140554 | 346.7E6 | 53.279 | 52.387 |
| 2) | SA Decachlor... | 10.405 | 8.775 | 56558628 | 391.2E6 | 52.538 | 47.576 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.789 | 4.873 | 31211797 | 391.1E6 | 527.885 | 528.362m |
| 4) | L1 AR-1016-2 | 5.811 | 4.930 | 45971798 | 179.2E6 | 519.784 | 524.212m |
| 5) | L1 AR-1016-3 | 5.873 | 5.051 | 29077501 | 94136772 | 525.329 | 458.438 |
| 6) | L1 AR-1016-4 | 5.971 | 5.092 | 23974413 | 103.4E6 | 527.604 | 553.305 |
| 7) | L1 AR-1016-5 | 6.263 | 5.306 | 22289187 | 107.4E6 | 513.510 | 471.035 |
| 31) | L7 AR-1260-1 | 7.380 | 6.333 | 38181326 | 293.0E6 | 555.311 | 534.927 |
| 32) | L7 AR-1260-2 | 7.633 | 6.520 | 46626204 | 426.3E6 | 520.514 | 523.919 |
| 33) | L7 AR-1260-3 | 7.991 | 6.673 | 37677160 | 306.7E6 | 543.787 | 544.973 |
| 34) | L7 AR-1260-4 | 8.219 | 7.142 | 38952287 | 289.4E6 | 568.055 | 557.215 |
| 35) | L7 AR-1260-5 | 8.544 | 7.381 | 78009133 | 735.5E6 | 527.261 | 542.599 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 08:56
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

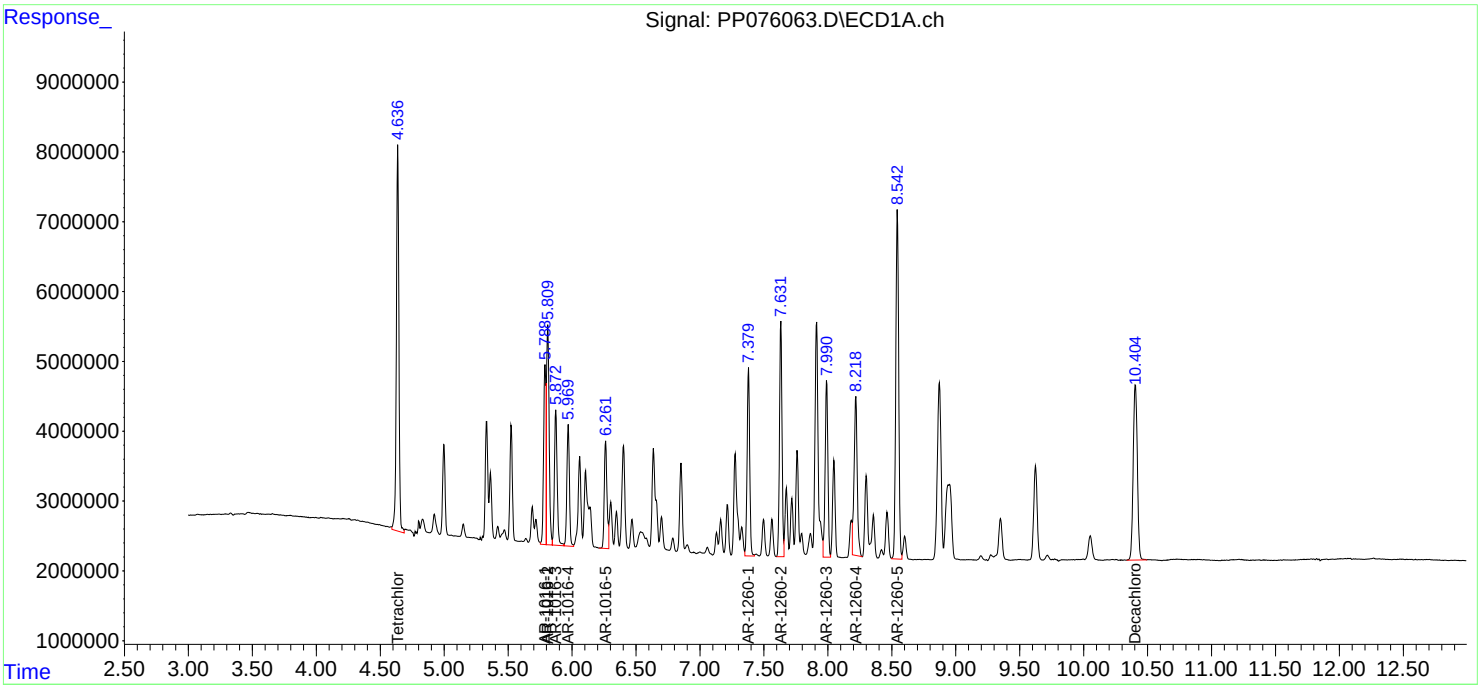
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

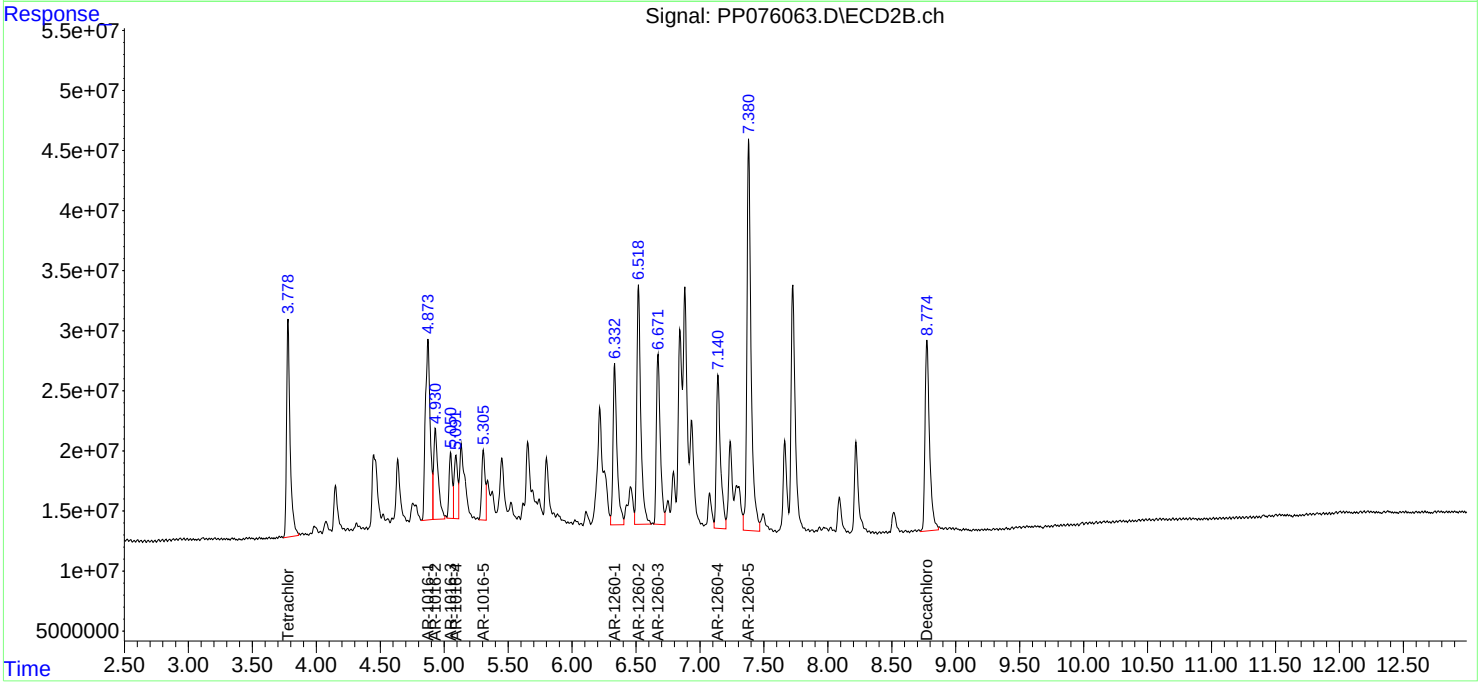
**Manual Integrations APPROVED**

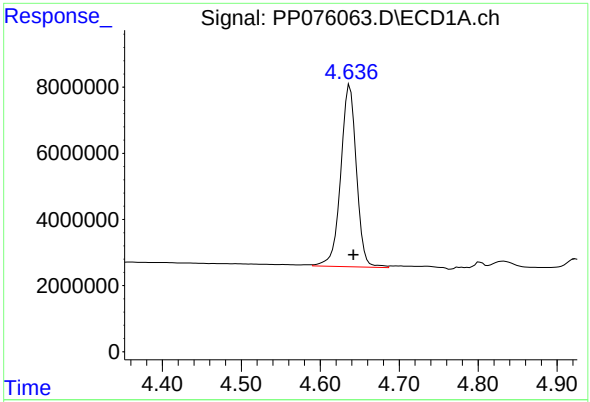
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:00:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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





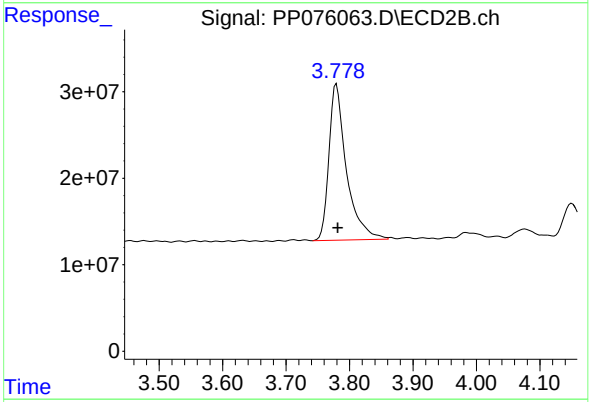

#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.005 min
Response: 76140554
Conc: 53.28 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

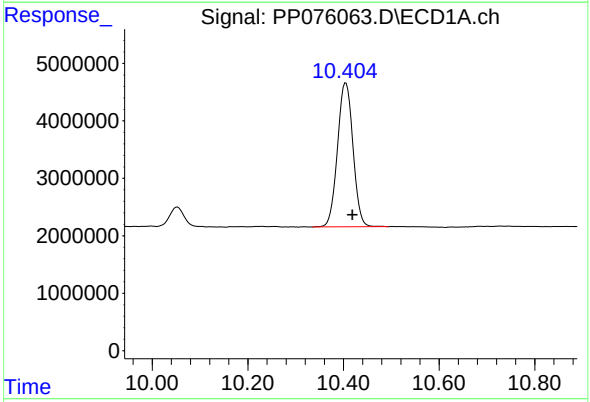
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



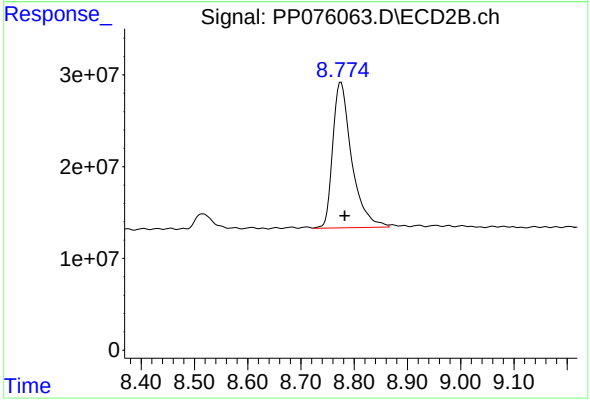

#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 346714679
Conc: 52.39 ng/ml



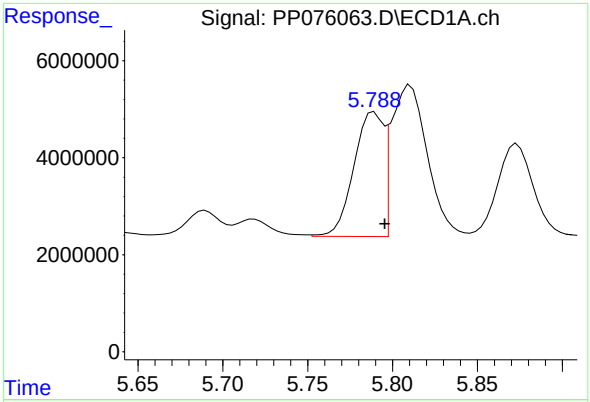

#2 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.014 min
Response: 56558628
Conc: 52.54 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.007 min
Response: 391215552
Conc: 47.58 ng/ml



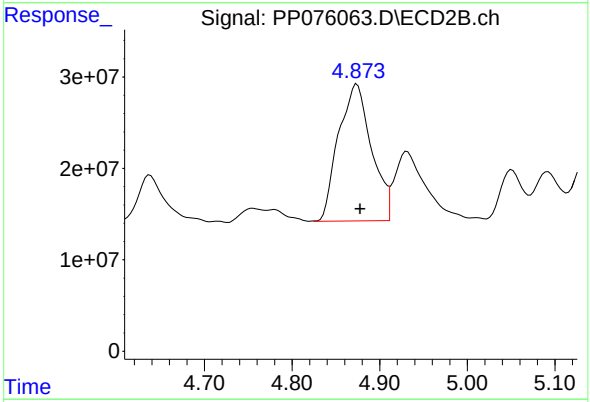

#3 AR-1016-1

R.T.: 5.789 min
Delta R.T.: -0.006 min
Response: 31211797
Conc: 527.89 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

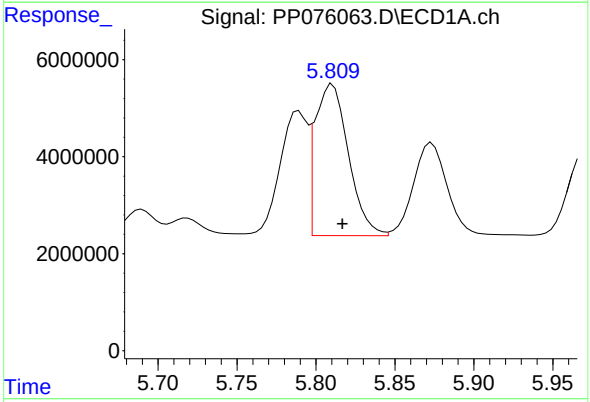
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



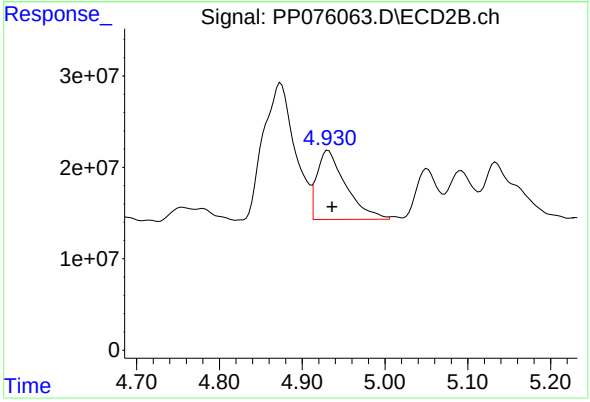

#3 AR-1016-1

R.T.: 4.873 min
Delta R.T.: -0.005 min
Response: 391078935
Conc: 528.36 ng/ml m



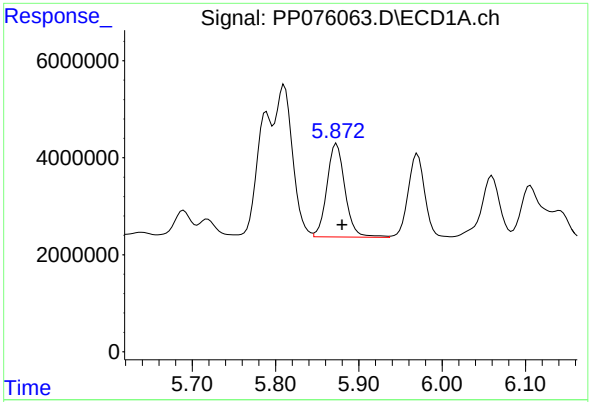

#4 AR-1016-2

R.T.: 5.811 min
Delta R.T.: -0.006 min
Response: 45971798
Conc: 519.78 ng/ml




#4 AR-1016-2

R.T.: 4.930 min
Delta R.T.: -0.006 min
Response: 179245085
Conc: 524.21 ng/ml m



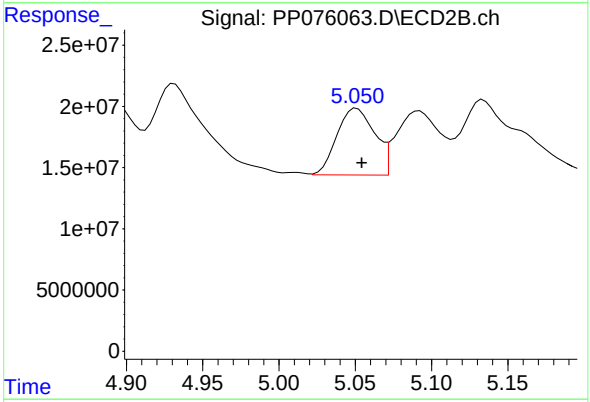

#5 AR-1016-3

R.T.: 5.873 min
Delta R.T.: -0.006 min
Response: 29077501
Conc: 525.33 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

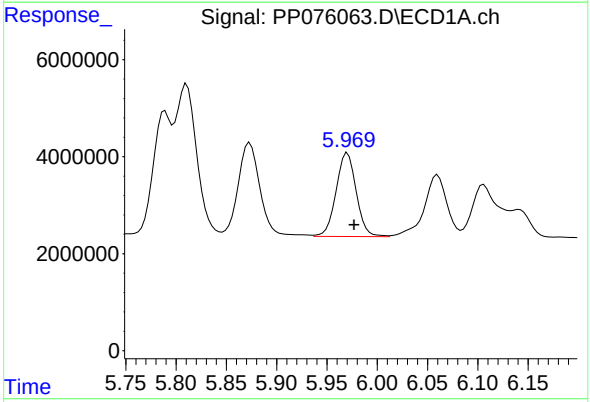
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



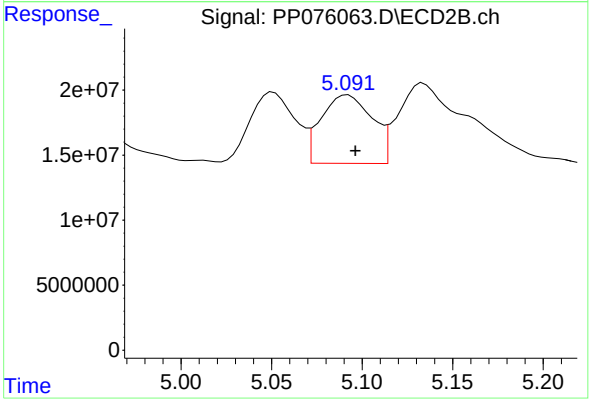

#5 AR-1016-3

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 94136772
Conc: 458.44 ng/ml



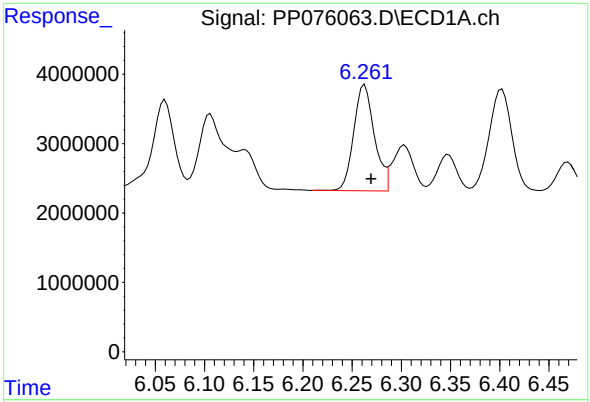

#6 AR-1016-4

R.T.: 5.971 min
Delta R.T.: -0.006 min
Response: 23974413
Conc: 527.60 ng/ml




#6 AR-1016-4

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 103404733
Conc: 553.31 ng/ml



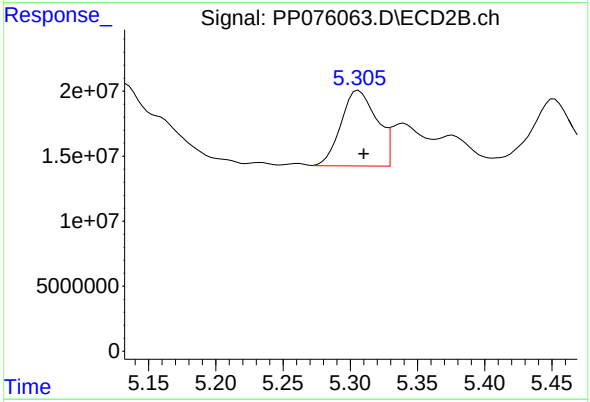

#7 AR-1016-5

R.T.: 6.263 min
Delta R.T.: -0.006 min
Response: 22289187
Conc: 513.51 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

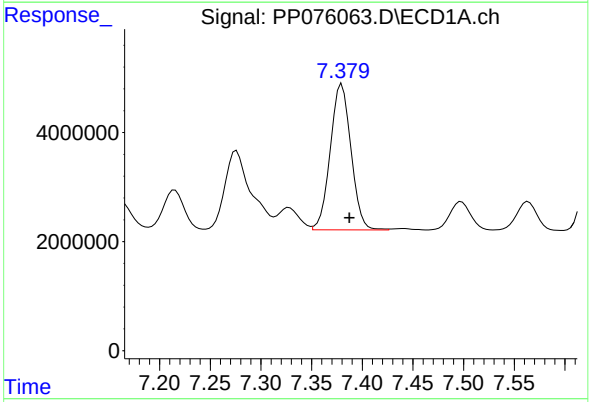
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



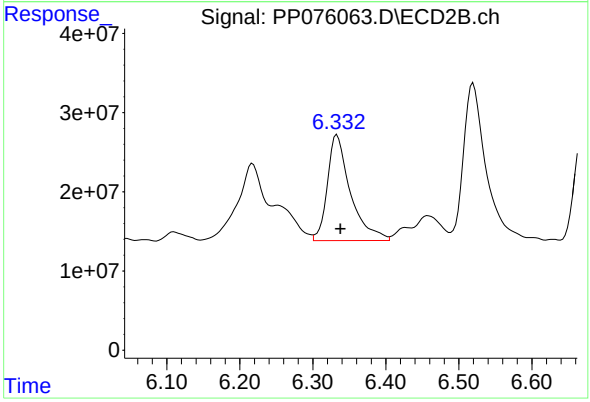

#7 AR-1016-5

R.T.: 5.306 min
Delta R.T.: -0.004 min
Response: 107387948
Conc: 471.04 ng/ml



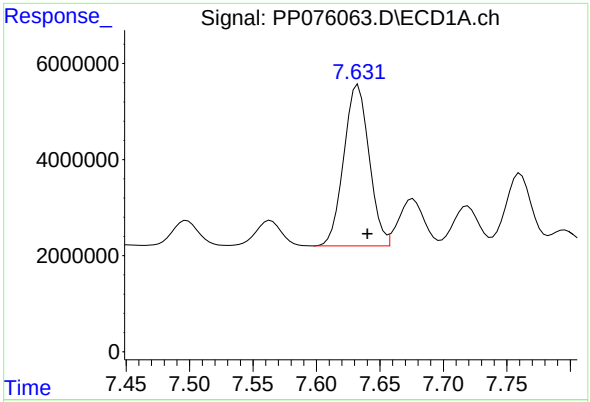

#31 AR-1260-1

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 38181326
Conc: 555.31 ng/ml




#31 AR-1260-1

R.T.: 6.333 min
Delta R.T.: -0.004 min
Response: 292977121
Conc: 534.93 ng/ml



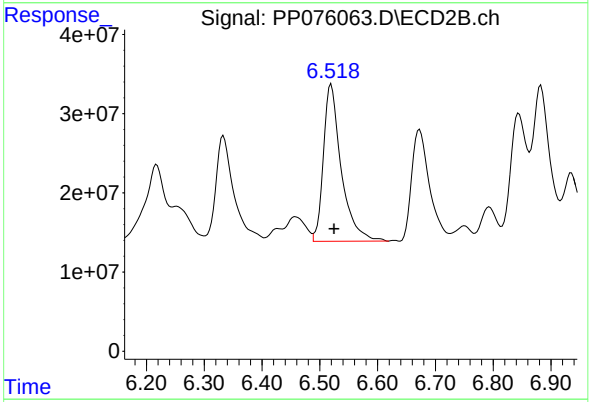

#32 AR-1260-2

R.T.: 7.633 min
Delta R.T.: -0.007 min
Response: 46626204
Conc: 520.51 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

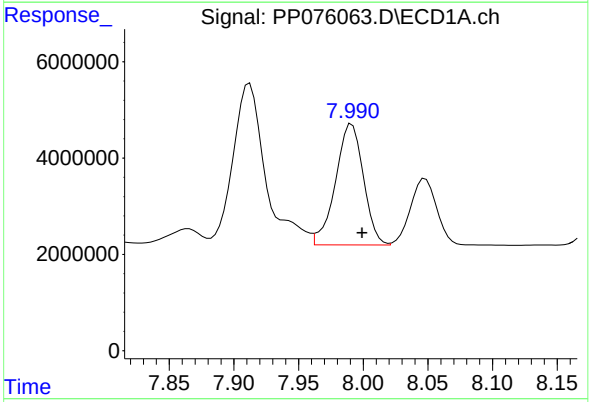
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



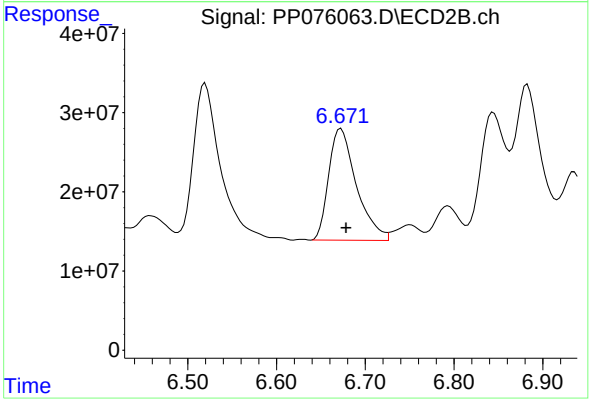

#32 AR-1260-2

R.T.: 6.520 min
Delta R.T.: -0.005 min
Response: 426330781
Conc: 523.92 ng/ml



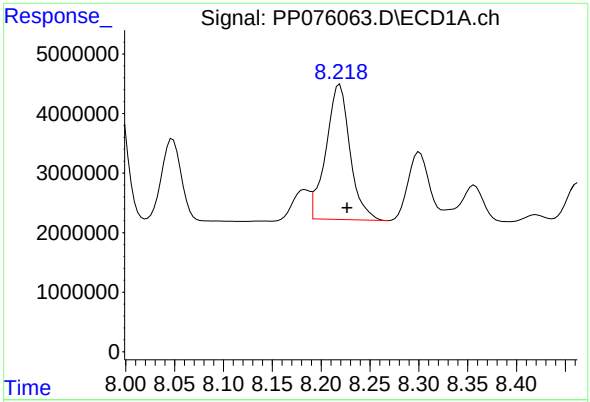

#33 AR-1260-3

R.T.: 7.991 min
Delta R.T.: -0.008 min
Response: 37677160
Conc: 543.79 ng/ml




#33 AR-1260-3

R.T.: 6.673 min
Delta R.T.: -0.006 min
Response: 306687230
Conc: 544.97 ng/ml



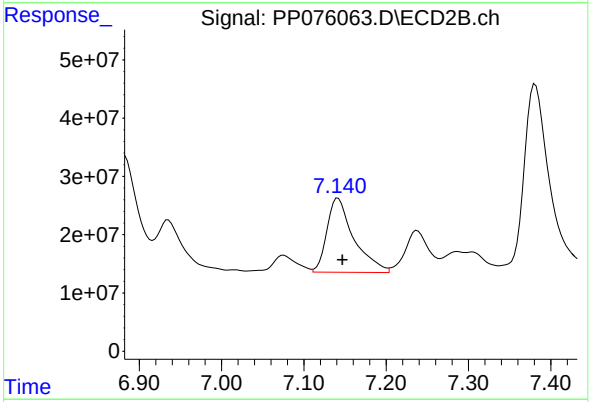

#34 AR-1260-4

R.T.: 8.219 min
Delta R.T.: -0.007 min
Response: 38952287
Conc: 568.05 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

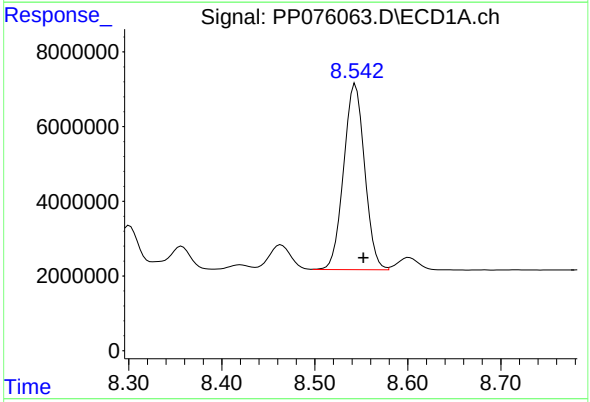
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



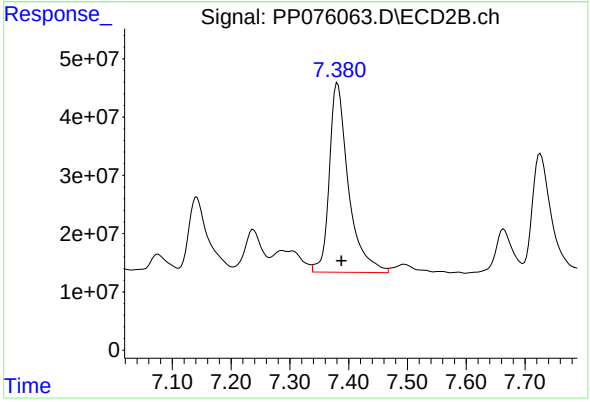

#34 AR-1260-4

R.T.: 7.142 min
Delta R.T.: -0.005 min
Response: 289379523
Conc: 557.22 ng/ml




#35 AR-1260-5

R.T.: 8.544 min
Delta R.T.: -0.009 min
Response: 78009133
Conc: 527.26 ng/ml




#35 AR-1260-5

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 735522791
Conc: 542.60 ng/ml

Raw Data: **PP076078.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Continuing Calib Date:** 10/27/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

**Continuing Calib Time:** 14:08 **Initial Calibration Time(s):** 09:06 17:01

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 5.79 | 5.80 | 5.70 | 5.90 | 0.01 |
| Aroclor-1016-2 | (2) | 5.82 | 5.82 | 5.72 | 5.92 | 0.00 |
| Aroclor-1016-3 | (3) | 5.88 | 5.88 | 5.78 | 5.98 | 0.00 |
| Aroclor-1016-4 | (4) | 5.98 | 5.98 | 5.88 | 6.08 | 0.01 |
| Aroclor-1016-5 | (5) | 6.27 | 6.27 | 6.17 | 6.37 | 0.00 |
| Aroclor-1260-1 | (1) | 7.38 | 7.39 | 7.29 | 7.49 | 0.01 |
| Aroclor-1260-2 | (2) | 7.64 | 7.64 | 7.54 | 7.74 | 0.00 |
| Aroclor-1260-3 | (3) | 8.00 | 8.00 | 7.90 | 8.10 | 0.01 |
| Aroclor-1260-4 | (4) | 8.22 | 8.23 | 8.13 | 8.33 | 0.01 |
| Aroclor-1260-5 | (5) | 8.55 | 8.55 | 8.45 | 8.65 | 0.00 |
| Tetrachloro-m-xylene | | 4.64 | 4.64 | 4.54 | 4.74 | 0.00 |
| Decachlorobiphenyl | | 10.41 | 10.42 | 10.32 | 10.52 | 0.01 |

Raw Data: **PP076078.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Continuing Calib Date:** 10/27/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

**Continuing Calib Time:** 14:08 **Initial Calibration Time(s):** 09:06 17:01

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.88 | 4.88 | 4.78 | 4.98 | 0.00 |
| Aroclor-1016-2 | (2) | 4.94 | 4.94 | 4.84 | 5.04 | 0.01 |
| Aroclor-1016-3 | (3) | 5.05 | 5.05 | 4.95 | 5.15 | 0.00 |
| Aroclor-1016-4 | (4) | 5.10 | 5.10 | 5.00 | 5.20 | 0.01 |
| Aroclor-1016-5 | (5) | 5.31 | 5.31 | 5.21 | 5.41 | 0.00 |
| Aroclor-1260-1 | (1) | 6.34 | 6.34 | 6.24 | 6.44 | 0.00 |
| Aroclor-1260-2 | (2) | 6.52 | 6.53 | 6.43 | 6.63 | 0.01 |
| Aroclor-1260-3 | (3) | 6.68 | 6.68 | 6.58 | 6.78 | 0.00 |
| Aroclor-1260-4 | (4) | 7.14 | 7.15 | 7.05 | 7.25 | 0.01 |
| Aroclor-1260-5 | (5) | 7.38 | 7.39 | 7.29 | 7.49 | 0.01 |
| Tetrachloro-m-xylene | | 3.78 | 3.78 | 3.68 | 3.88 | 0.00 |
| Decachlorobiphenyl | | 8.78 | 8.78 | 8.68 | 8.88 | 0.00 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 10/27/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP076078.D **Time Analyzed:** 14:08

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 5.793 | 5.695 | 5.895 | 489.480 | 500.000 | -2.1 |
| Aroclor-1016-2 | 5.815 | 5.717 | 5.917 | 493.840 | 500.000 | -1.2 |
| Aroclor-1016-3 | 5.877 | 5.780 | 5.980 | 492.480 | 500.000 | -1.5 |
| Aroclor-1016-4 | 5.975 | 5.877 | 6.077 | 498.560 | 500.000 | -0.3 |
| Aroclor-1016-5 | 6.267 | 6.169 | 6.369 | 482.900 | 500.000 | -3.4 |
| Aroclor-1260-1 | 7.384 | 7.287 | 7.487 | 535.750 | 500.000 | 7.2 |
| Aroclor-1260-2 | 7.636 | 7.540 | 7.740 | 493.780 | 500.000 | -1.2 |
| Aroclor-1260-3 | 7.995 | 7.899 | 8.099 | 512.820 | 500.000 | 2.6 |
| Aroclor-1260-4 | 8.222 | 8.127 | 8.327 | 550.900 | 500.000 | 10.2 |
| Aroclor-1260-5 | 8.547 | 8.452 | 8.652 | 502.490 | 500.000 | 0.5 |
| Decachlorobiphenyl | 10.409 | 10.319 | 10.519 | 50.530 | 50.000 | 1.1 |
| Tetrachloro-m-xylene | 4.642 | 4.542 | 4.742 | 49.760 | 50.000 | -0.5 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 10/27/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP076078.D **Time Analyzed:** 14:08

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.876 | 4.778 | 4.978 | 518.620 | 500.000 | 3.7 |
| Aroclor-1016-2 | 4.935 | 4.836 | 5.036 | 531.450 | 500.000 | 6.3 |
| Aroclor-1016-3 | 5.054 | 4.954 | 5.154 | 501.290 | 500.000 | 0.3 |
| Aroclor-1016-4 | 5.095 | 4.996 | 5.196 | 541.930 | 500.000 | 8.4 |
| Aroclor-1016-5 | 5.308 | 5.210 | 5.410 | 547.650 | 500.000 | 9.5 |
| Aroclor-1260-1 | 6.336 | 6.238 | 6.438 | 486.190 | 500.000 | -2.8 |
| Aroclor-1260-2 | 6.522 | 6.425 | 6.625 | 481.180 | 500.000 | -3.8 |
| Aroclor-1260-3 | 6.675 | 6.578 | 6.778 | 504.200 | 500.000 | 0.8 |
| Aroclor-1260-4 | 7.144 | 7.047 | 7.247 | 522.340 | 500.000 | 4.5 |
| Aroclor-1260-5 | 7.384 | 7.287 | 7.487 | 484.740 | 500.000 | -3.1 |
| Decachlorobiphenyl | 8.777 | 8.682 | 8.882 | 45.370 | 50.000 | -9.3 |
| Tetrachloro-m-xylene | 3.782 | 3.681 | 3.881 | 53.460 | 50.000 | 6.9 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076078.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 14:08
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: Oct 28 01:02:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.642 | 3.782 | 71108591 | 353.8E6 | 49.758 | 53.460 |
| 2) | SA Decachlor... | 10.409 | 8.777 | 54396935 | 373.1E6 | 50.530 | 45.368 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.793 | 4.876 | 28941333 | 383.9E6 | 489.485 | 518.615 |
| 4) | L1 AR-1016-2 | 5.815 | 4.935 | 43677020 | 181.7E6 | 493.837 | 531.450 |
| 5) | L1 AR-1016-3 | 5.877 | 5.054 | 27259037 | 102.9E6 | 492.476 | 501.291 |
| 6) | L1 AR-1016-4 | 5.975 | 5.095 | 22654846 | 101.3E6 | 498.564 | 541.928 |
| 7) | L1 AR-1016-5 | 6.267 | 5.308 | 20960588 | 124.9E6 | 482.901 | 547.651 |
| 31) | L7 AR-1260-1 | 7.384 | 6.336 | 36836407 | 266.3E6 | 535.751 | 486.193 |
| 32) | L7 AR-1260-2 | 7.636 | 6.522 | 44231121 | 391.6E6 | 493.776 | 481.177 |
| 33) | L7 AR-1260-3 | 7.995 | 6.675 | 35531662 | 283.7E6 | 512.822 | 504.203 |
| 34) | L7 AR-1260-4 | 8.222 | 7.144 | 37775708 | 271.3E6 | 550.896 | 522.340 |
| 35) | L7 AR-1260-5 | 8.547 | 7.384 | 74344445 | 657.1E6 | 502.492 | 484.740 |

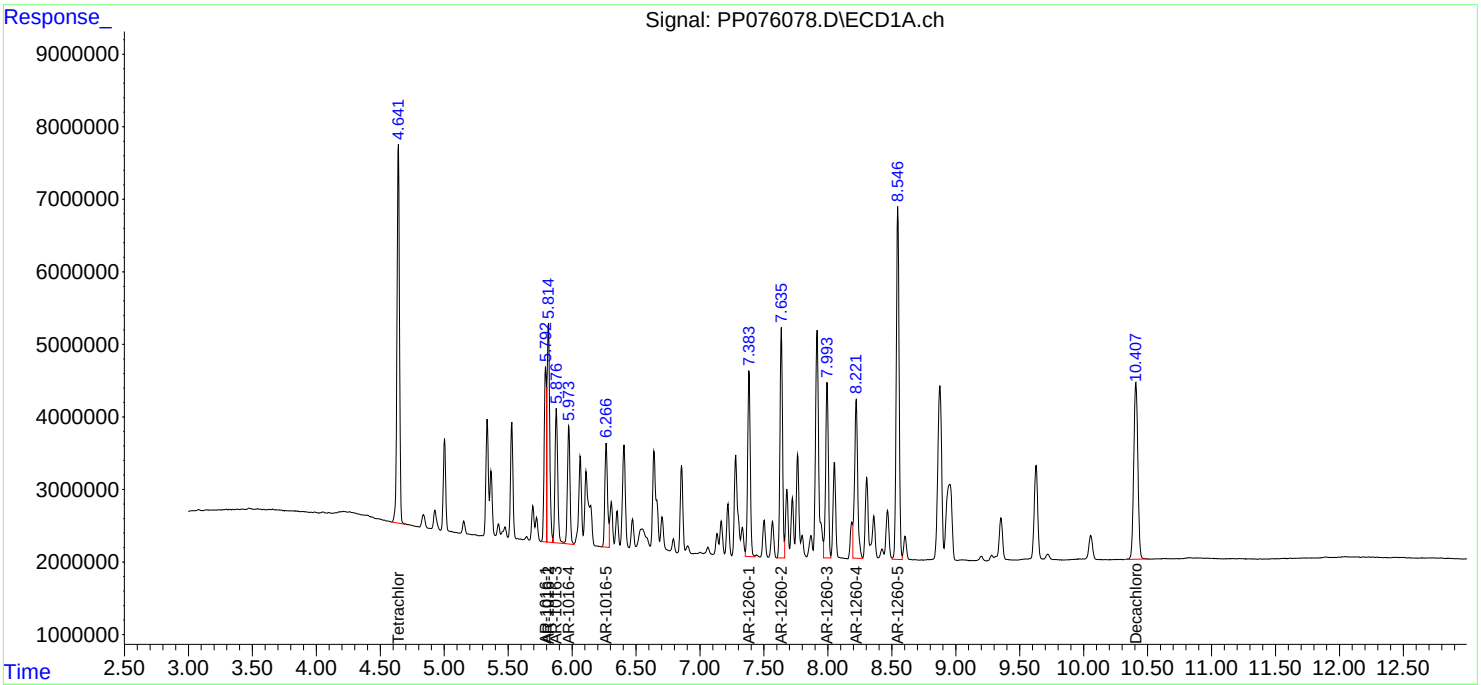
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

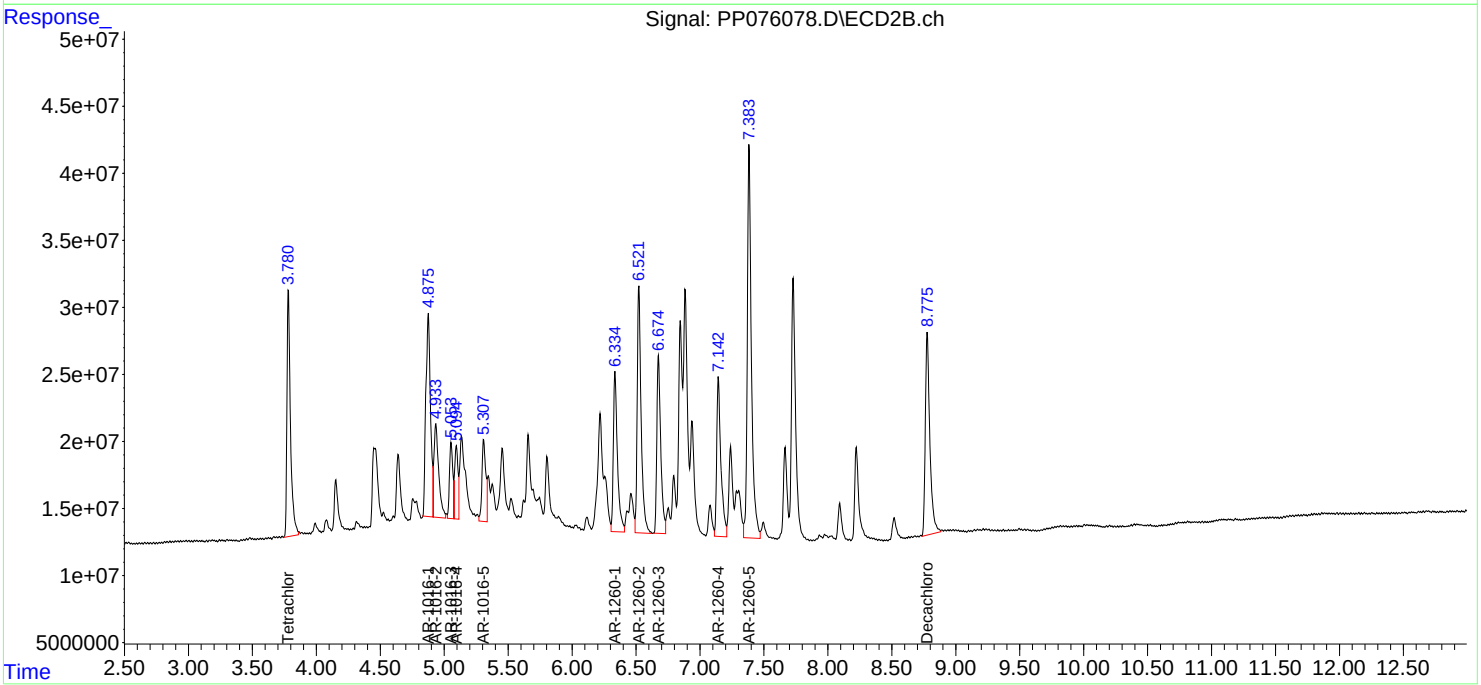
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076078.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 14:08
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

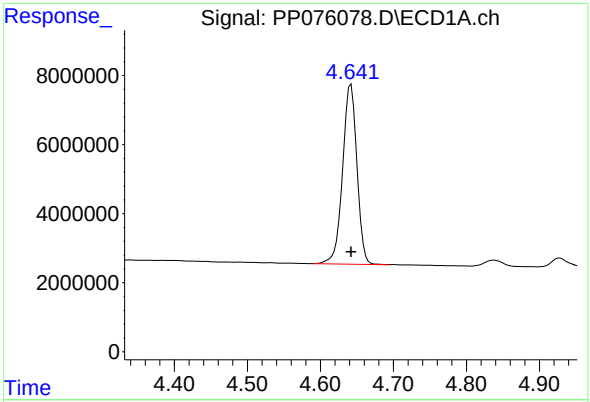
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:02:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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



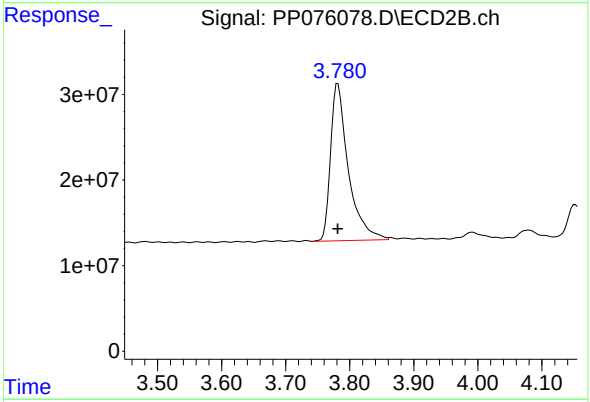






#1 Tetrachloro-m-xylene

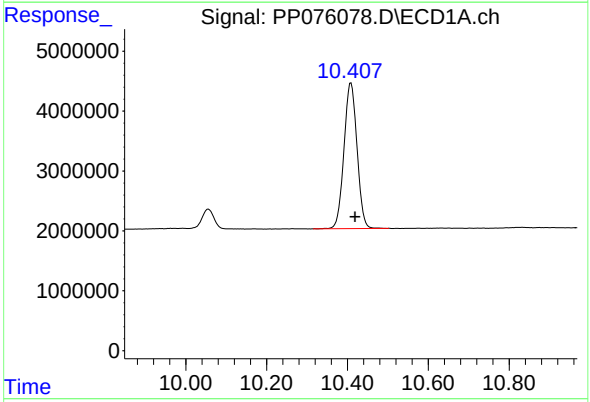
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 71108591
Conc: 49.76 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



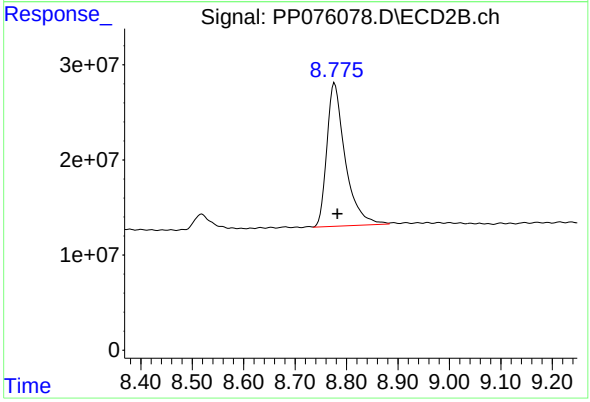

#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 353810799
Conc: 53.46 ng/ml



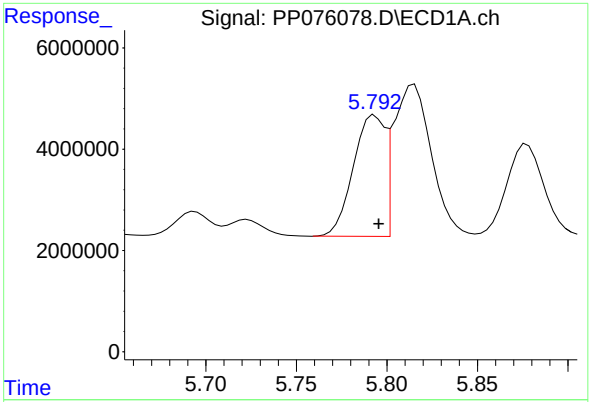

#2 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: -0.010 min
Response: 54396935
Conc: 50.53 ng/ml




#2 Decachlorobiphenyl

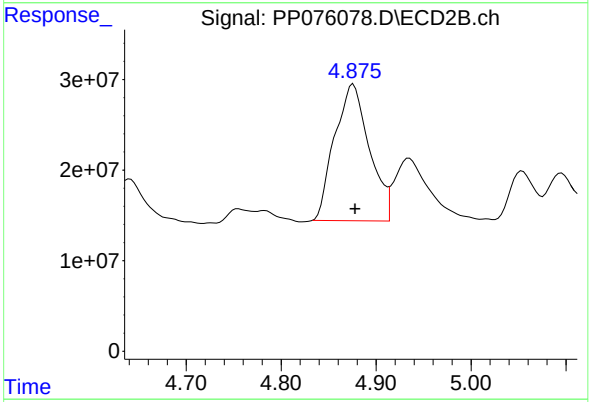
R.T.: 8.777 min
Delta R.T.: -0.005 min
Response: 373058745
Conc: 45.37 ng/ml




#3 AR-1016-1

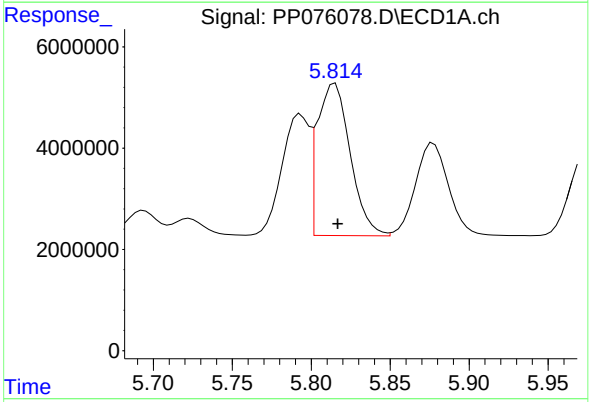
R.T.: 5.793 min
Delta R.T.: -0.002 min
Response: 28941333
Conc: 489.48 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



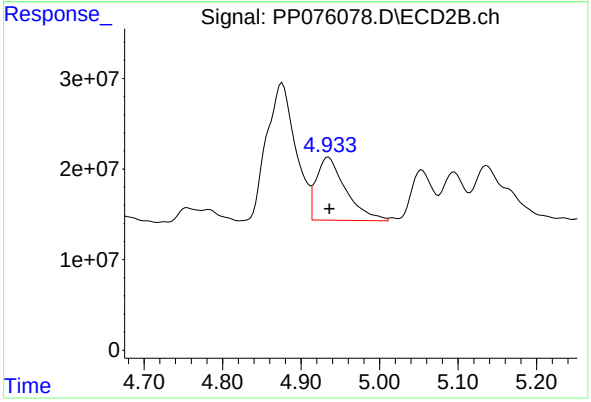

#3 AR-1016-1

R.T.: 4.876 min
Delta R.T.: -0.002 min
Response: 383864540
Conc: 518.62 ng/ml



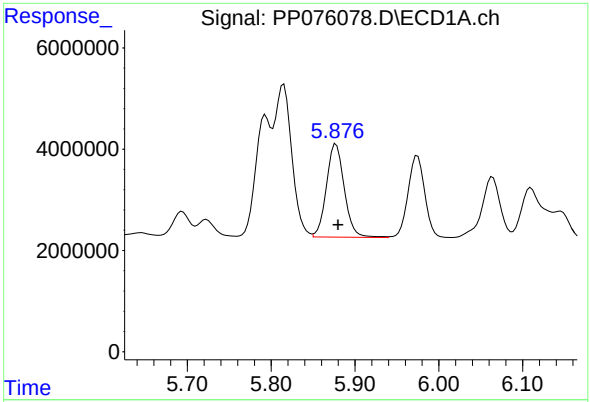

#4 AR-1016-2

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 43677020
Conc: 493.84 ng/ml




#4 AR-1016-2

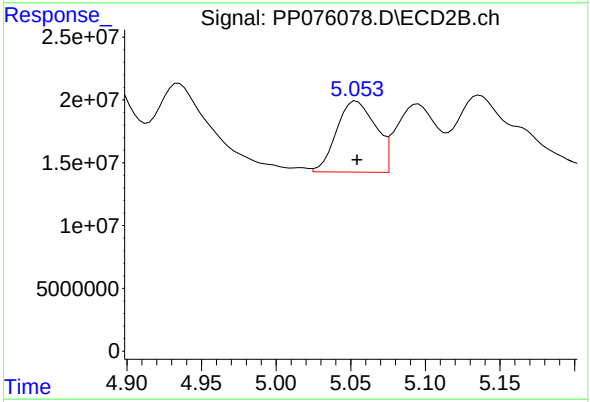
R.T.: 4.935 min
Delta R.T.: -0.001 min
Response: 181719861
Conc: 531.45 ng/ml




#5 AR-1016-3

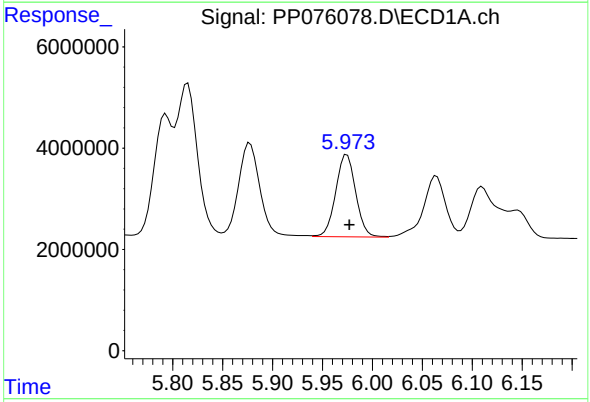
R.T.: 5.877 min
Delta R.T.: -0.002 min
Response: 27259037
Conc: 492.48 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



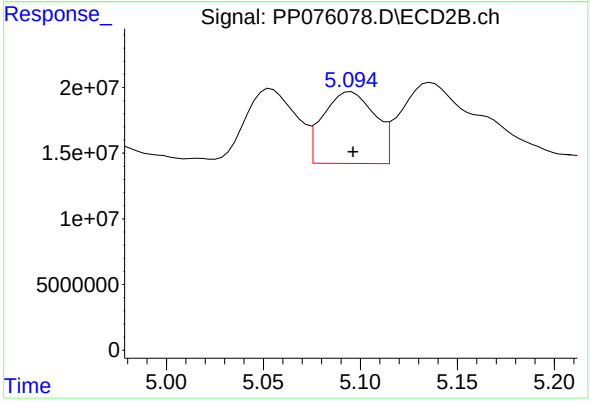

#5 AR-1016-3

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 102936441
Conc: 501.29 ng/ml



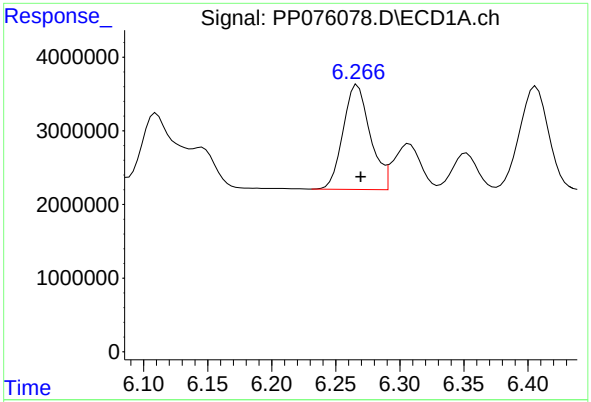

#6 AR-1016-4

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 22654846
Conc: 498.56 ng/ml




#6 AR-1016-4

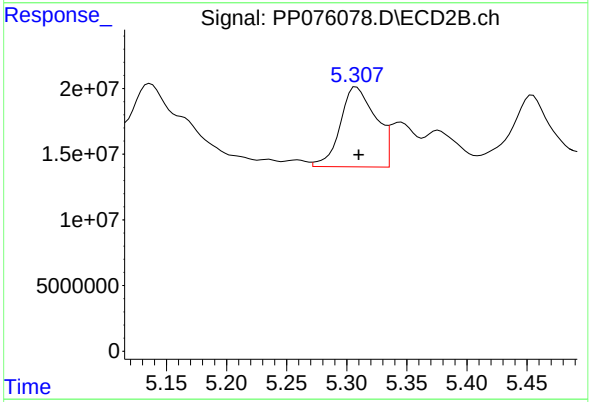
R.T.: 5.095 min
Delta R.T.: -0.001 min
Response: 101278447
Conc: 541.93 ng/ml




#7 AR-1016-5

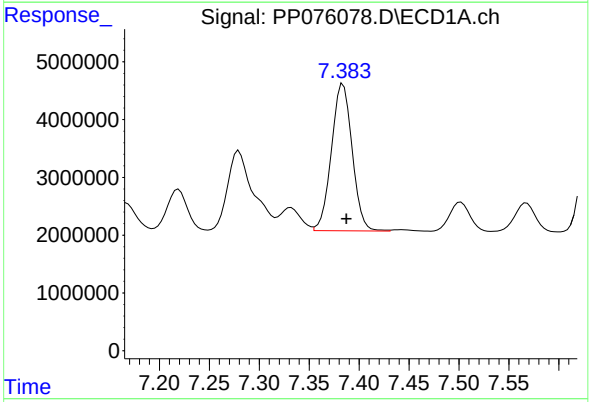
R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 20960588
Conc: 482.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



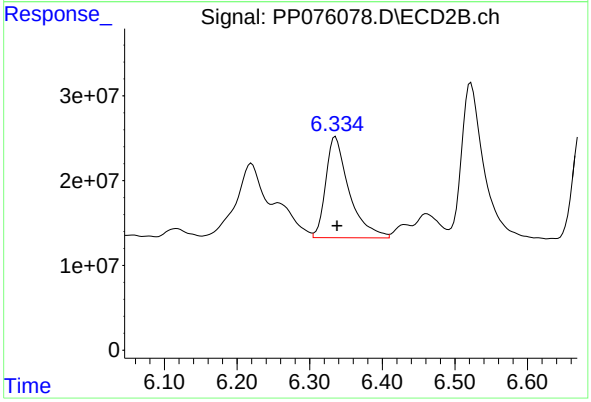

#7 AR-1016-5

R.T.: 5.308 min
Delta R.T.: -0.002 min
Response: 124855167
Conc: 547.65 ng/ml



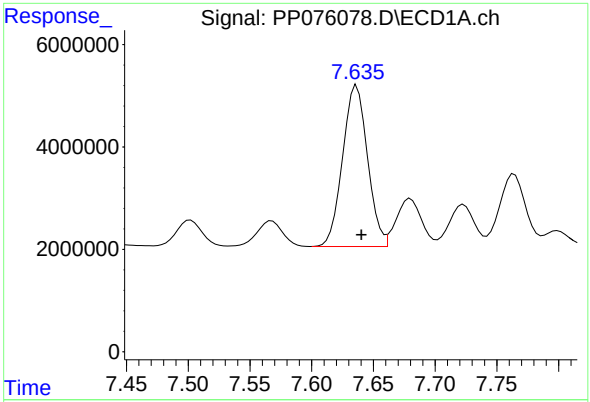

#31 AR-1260-1

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 36836407
Conc: 535.75 ng/ml




#31 AR-1260-1

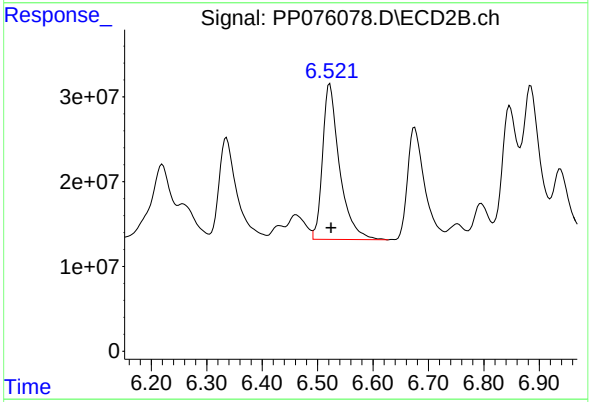
R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 266285433
Conc: 486.19 ng/ml




#32 AR-1260-2

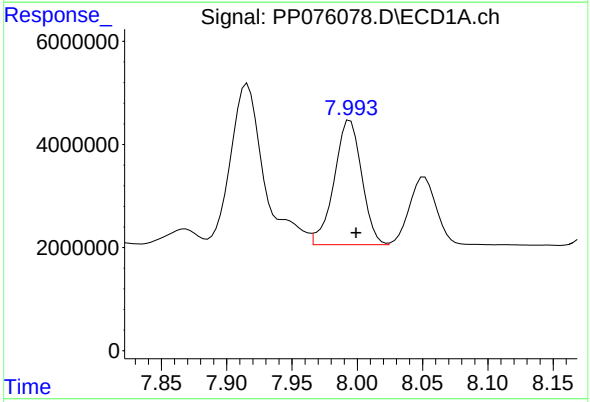
R.T.: 7.636 min
Delta R.T.: -0.004 min
Response: 44231121
Conc: 493.78 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



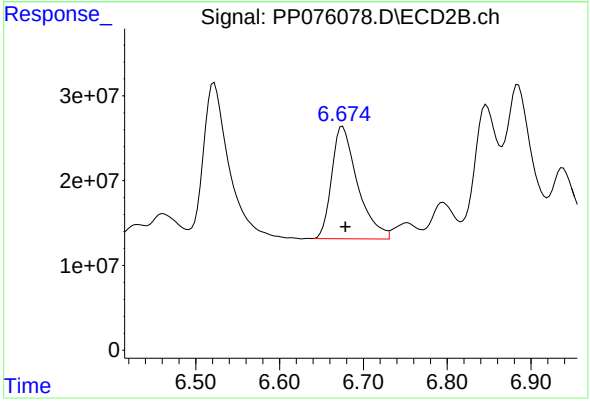

#32 AR-1260-2

R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 391550041
Conc: 481.18 ng/ml



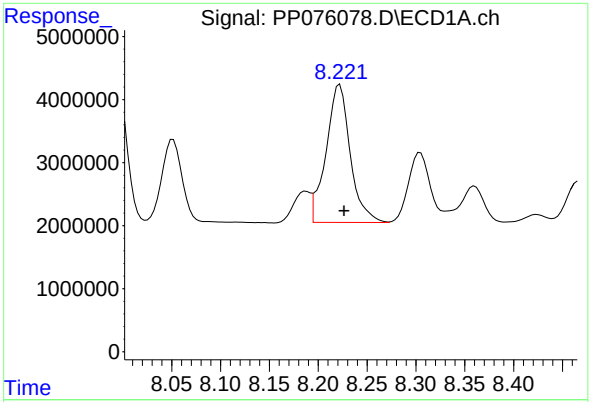

#33 AR-1260-3

R.T.: 7.995 min
Delta R.T.: -0.005 min
Response: 35531662
Conc: 512.82 ng/ml




#33 AR-1260-3

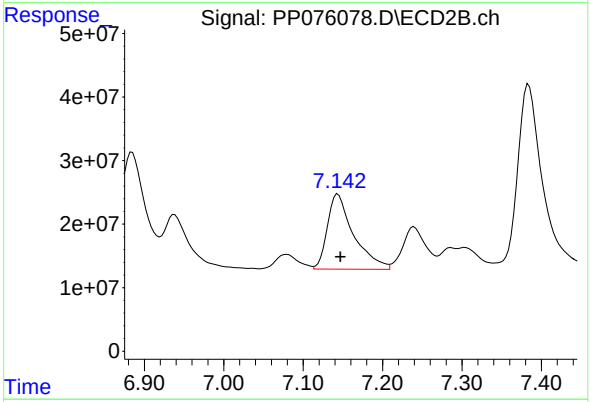
R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 283743652
Conc: 504.20 ng/ml




#34 AR-1260-4

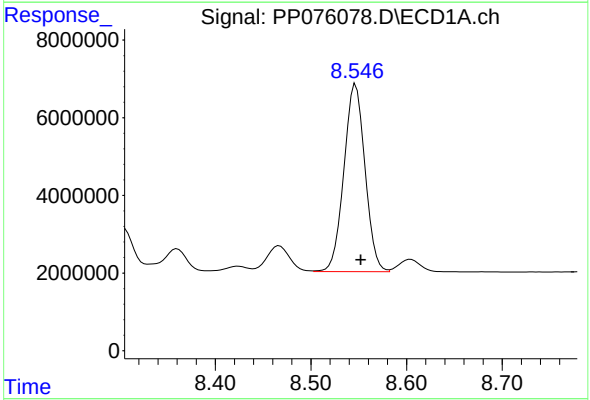
R.T.: 8.222 min
Delta R.T.: -0.005 min
Response: 37775708
Conc: 550.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



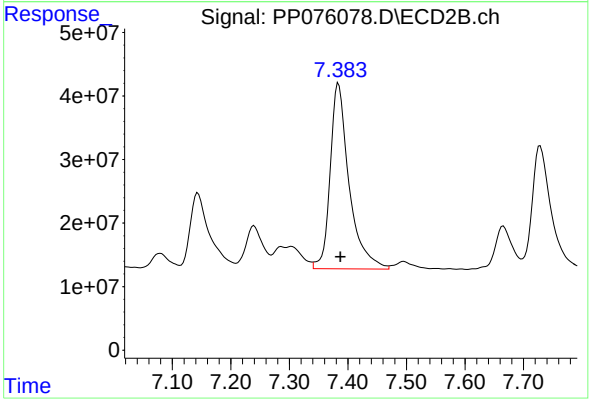

#34 AR-1260-4

R.T.: 7.144 min
Delta R.T.: -0.003 min
Response: 271267626
Conc: 522.34 ng/ml




#35 AR-1260-5

R.T.: 8.547 min
Delta R.T.: -0.005 min
Response: 74344445
Conc: 502.49 ng/ml




#35 AR-1260-5

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 657092211
Conc: 484.74 ng/ml

Raw Data: **PP076093.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Continuing Calib Date:** 10/27/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

**Continuing Calib Time:** 19:00 **Initial Calibration Time(s):** 09:06 17:01

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 5.79 | 5.80 | 5.70 | 5.90 | 0.01 |
| Aroclor-1016-2 | (2) | 5.82 | 5.82 | 5.72 | 5.92 | 0.00 |
| Aroclor-1016-3 | (3) | 5.88 | 5.88 | 5.78 | 5.98 | 0.00 |
| Aroclor-1016-4 | (4) | 5.98 | 5.98 | 5.88 | 6.08 | 0.00 |
| Aroclor-1016-5 | (5) | 6.27 | 6.27 | 6.17 | 6.37 | 0.00 |
| Aroclor-1260-1 | (1) | 7.39 | 7.39 | 7.29 | 7.49 | 0.00 |
| Aroclor-1260-2 | (2) | 7.64 | 7.64 | 7.54 | 7.74 | 0.00 |
| Aroclor-1260-3 | (3) | 8.00 | 8.00 | 7.90 | 8.10 | 0.00 |
| Aroclor-1260-4 | (4) | 8.22 | 8.23 | 8.13 | 8.33 | 0.01 |
| Aroclor-1260-5 | (5) | 8.55 | 8.55 | 8.45 | 8.65 | 0.00 |
| Tetrachloro-m-xylene | | 4.64 | 4.64 | 4.54 | 4.74 | 0.00 |
| Decachlorobiphenyl | | 10.41 | 10.42 | 10.32 | 10.52 | 0.01 |

Raw Data: **PP076093.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Continuing Calib Date:** 10/27/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

**Continuing Calib Time:** 19:00 **Initial Calibration Time(s):** 09:06 17:01

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.88 | 4.88 | 4.78 | 4.98 | 0.00 |
| Aroclor-1016-2 | (2) | 4.94 | 4.94 | 4.84 | 5.04 | 0.01 |
| Aroclor-1016-3 | (3) | 5.06 | 5.05 | 4.95 | 5.15 | 0.00 |
| Aroclor-1016-4 | (4) | 5.10 | 5.10 | 5.00 | 5.20 | 0.01 |
| Aroclor-1016-5 | (5) | 5.31 | 5.31 | 5.21 | 5.41 | 0.00 |
| Aroclor-1260-1 | (1) | 6.34 | 6.34 | 6.24 | 6.44 | 0.00 |
| Aroclor-1260-2 | (2) | 6.52 | 6.53 | 6.43 | 6.63 | 0.01 |
| Aroclor-1260-3 | (3) | 6.68 | 6.68 | 6.58 | 6.78 | 0.00 |
| Aroclor-1260-4 | (4) | 7.15 | 7.15 | 7.05 | 7.25 | 0.01 |
| Aroclor-1260-5 | (5) | 7.39 | 7.39 | 7.29 | 7.49 | 0.00 |
| Tetrachloro-m-xylene | | 3.78 | 3.78 | 3.68 | 3.88 | 0.00 |
| Decachlorobiphenyl | | 8.78 | 8.78 | 8.68 | 8.88 | 0.00 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 10/27/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP076093.D **Time Analyzed:** 19:00

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 5.794 | 5.695 | 5.895 | 480.030 | 500.000 | -4.0 |
| Aroclor-1016-2 | 5.816 | 5.717 | 5.917 | 475.640 | 500.000 | -4.9 |
| Aroclor-1016-3 | 5.878 | 5.780 | 5.980 | 474.420 | 500.000 | -5.1 |
| Aroclor-1016-4 | 5.976 | 5.877 | 6.077 | 474.180 | 500.000 | -5.2 |
| Aroclor-1016-5 | 6.268 | 6.169 | 6.369 | 471.820 | 500.000 | -5.6 |
| Aroclor-1260-1 | 7.385 | 7.287 | 7.487 | 506.540 | 500.000 | 1.3 |
| Aroclor-1260-2 | 7.638 | 7.540 | 7.740 | 482.580 | 500.000 | -3.5 |
| Aroclor-1260-3 | 7.996 | 7.899 | 8.099 | 503.370 | 500.000 | 0.7 |
| Aroclor-1260-4 | 8.223 | 8.127 | 8.327 | 532.190 | 500.000 | 6.4 |
| Aroclor-1260-5 | 8.548 | 8.452 | 8.652 | 490.860 | 500.000 | -1.8 |
| Decachlorobiphenyl | 10.410 | 10.319 | 10.519 | 49.330 | 50.000 | -1.3 |
| Tetrachloro-m-xylene | 4.643 | 4.542 | 4.742 | 47.950 | 50.000 | -4.1 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 10/27/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP076093.D **Time Analyzed:** 19:00

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.877 | 4.778 | 4.978 | 506.840 | 500.000 | 1.4 |
| Aroclor-1016-2 | 4.935 | 4.836 | 5.036 | 555.130 | 500.000 | 11.0 |
| Aroclor-1016-3 | 5.055 | 4.954 | 5.154 | 499.630 | 500.000 | -0.1 |
| Aroclor-1016-4 | 5.095 | 4.996 | 5.196 | 580.570 | 500.000 | 16.1 |
| Aroclor-1016-5 | 5.309 | 5.210 | 5.410 | 516.160 | 500.000 | 3.2 |
| Aroclor-1260-1 | 6.337 | 6.238 | 6.438 | 530.020 | 500.000 | 6.0 |
| Aroclor-1260-2 | 6.523 | 6.425 | 6.625 | 530.480 | 500.000 | 6.1 |
| Aroclor-1260-3 | 6.677 | 6.578 | 6.778 | 519.760 | 500.000 | 4.0 |
| Aroclor-1260-4 | 7.145 | 7.047 | 7.247 | 547.780 | 500.000 | 9.6 |
| Aroclor-1260-5 | 7.385 | 7.287 | 7.487 | 506.760 | 500.000 | 1.4 |
| Decachlorobiphenyl | 8.778 | 8.682 | 8.882 | 43.890 | 50.000 | -12.2 |
| Tetrachloro-m-xylene | 3.783 | 3.681 | 3.881 | 51.490 | 50.000 | 3.0 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 19:00
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: Oct 28 01:06:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.643 | 3.783 | 68521674 | 340.8E6 | 47.948 | 51.492 |
| 2) | SA Decachlor... | 10.410 | 8.778 | 53108712 | 360.9E6 | 49.333 | 43.892 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.794 | 4.877 | 28382391 | 375.1E6 | 480.031 | 506.842 |
| 4) | L1 AR-1016-2 | 5.816 | 4.935 | 42067198 | 189.8E6 | 475.636 | 555.127 |
| 5) | L1 AR-1016-3 | 5.878 | 5.055 | 26259626 | 102.6E6 | 474.420 | 499.630 |
| 6) | L1 AR-1016-4 | 5.976 | 5.095 | 21546827 | 108.5E6 | 474.180 | 580.575 |
| 7) | L1 AR-1016-5 | 6.268 | 5.309 | 20479727 | 117.7E6 | 471.823 | 516.161 |
| 31) | L7 AR-1260-1 | 7.385 | 6.337 | 34827859 | 290.3E6 | 506.538 | 530.020 |
| 32) | L7 AR-1260-2 | 7.638 | 6.523 | 43228414 | 431.7E6 | 482.582 | 530.476 |
| 33) | L7 AR-1260-3 | 7.996 | 6.677 | 34877119 | 292.5E6 | 503.375 | 519.764 |
| 34) | L7 AR-1260-4 | 8.223 | 7.145 | 36493029 | 284.5E6 | 532.190 | 547.784 |
| 35) | L7 AR-1260-5 | 8.548 | 7.385 | 72623646 | 686.9E6 | 490.861 | 506.764 |

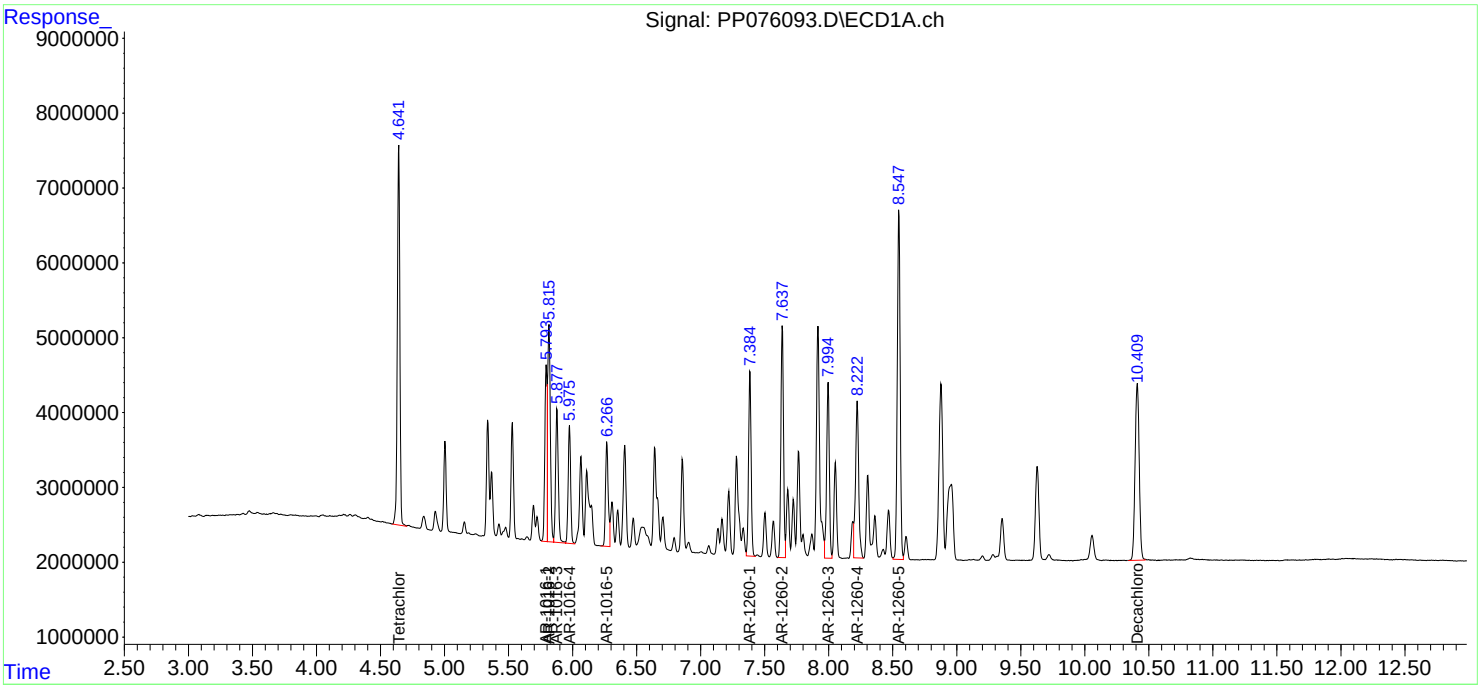
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

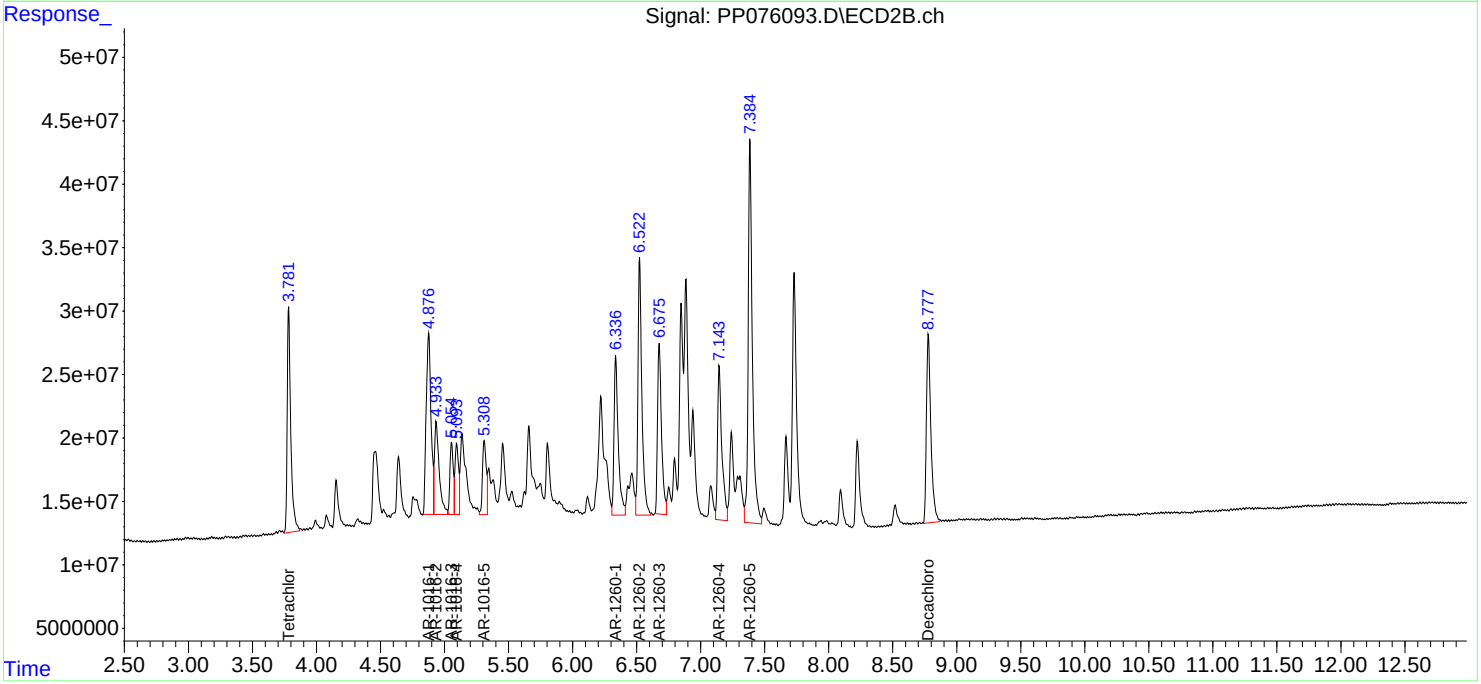
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 19:00
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

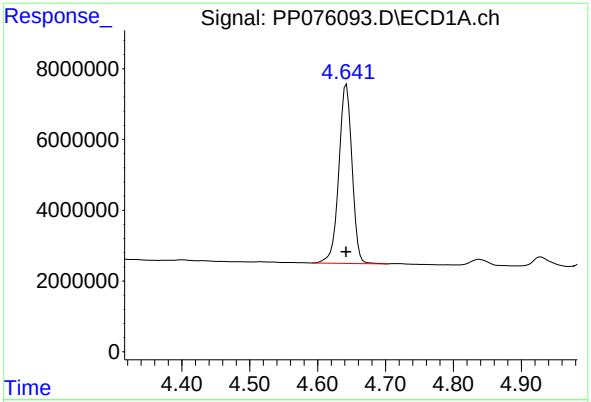
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:06:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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



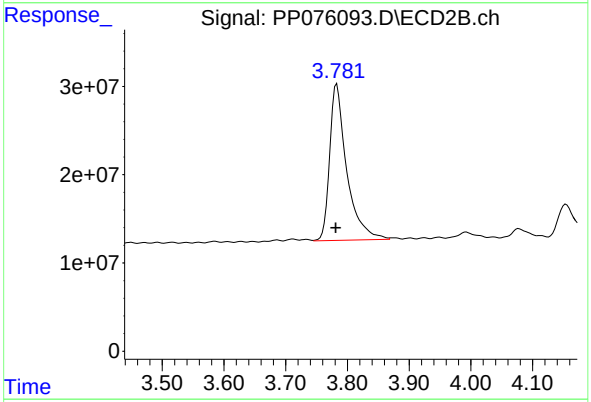






#1 Tetrachloro-m-xylene

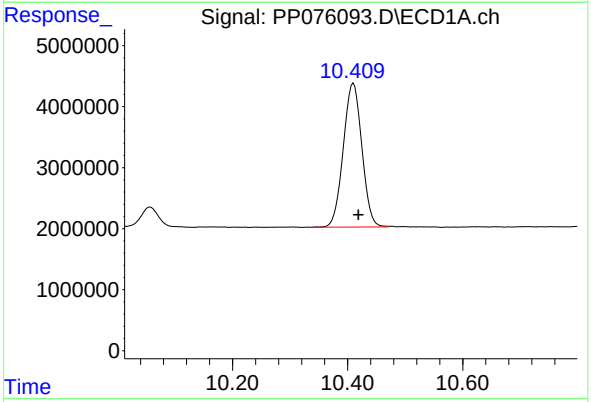
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 68521674
Conc: 47.95 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



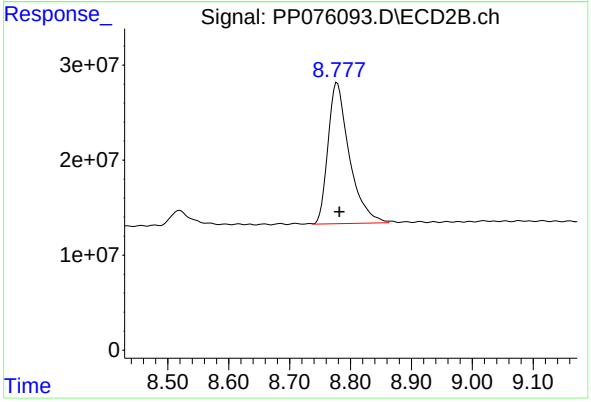

#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.002 min
Response: 340789175
Conc: 51.49 ng/ml



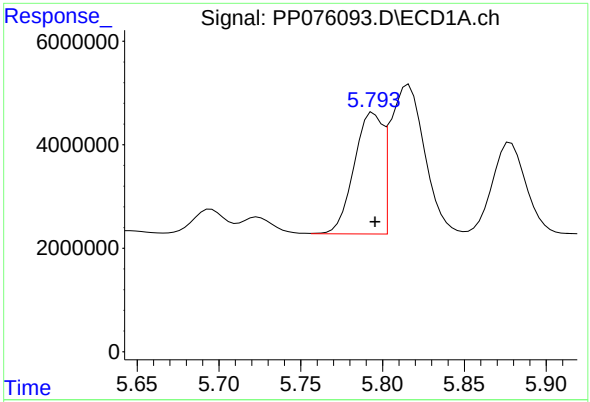

#2 Decachlorobiphenyl

R.T.: 10.410 min
Delta R.T.: -0.009 min
Response: 53108712
Conc: 49.33 ng/ml




#2 Decachlorobiphenyl

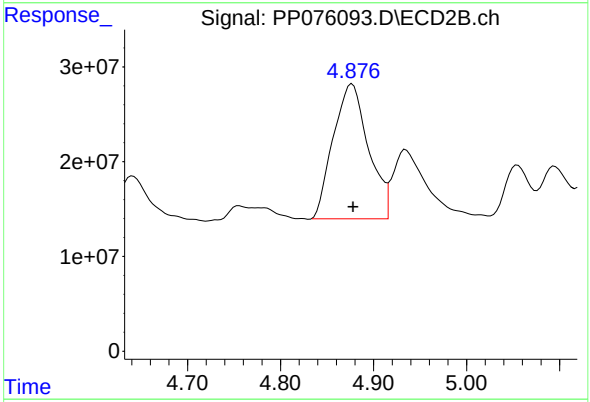
R.T.: 8.778 min
Delta R.T.: -0.004 min
Response: 360920546
Conc: 43.89 ng/ml




#3 AR-1016-1

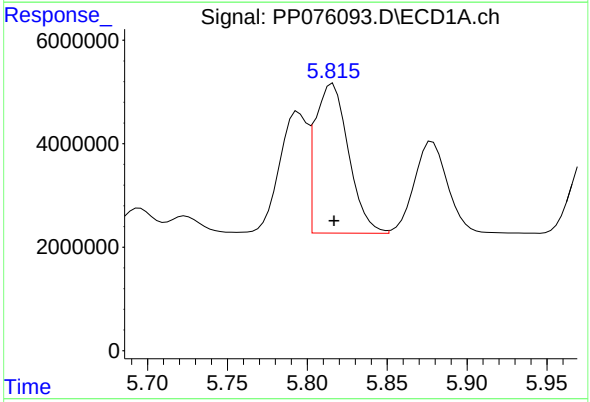
R.T.: 5.794 min
Delta R.T.: -0.001 min
Response: 28382391
Conc: 480.03 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



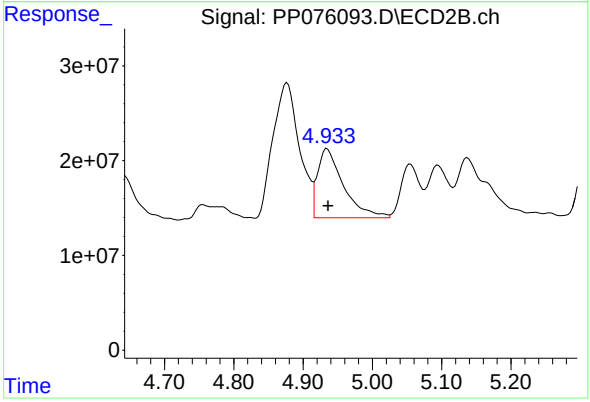

#3 AR-1016-1

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 375149942
Conc: 506.84 ng/ml



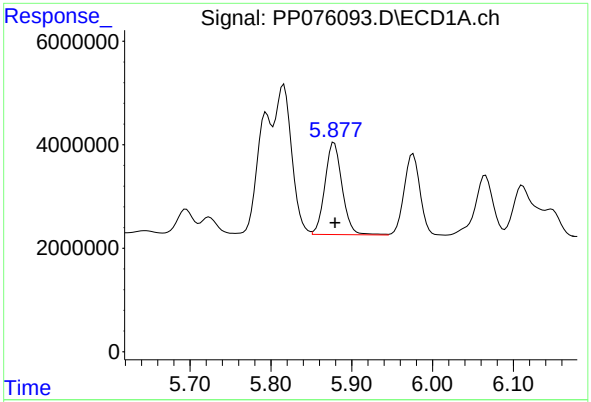

#4 AR-1016-2

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 42067198
Conc: 475.64 ng/ml




#4 AR-1016-2

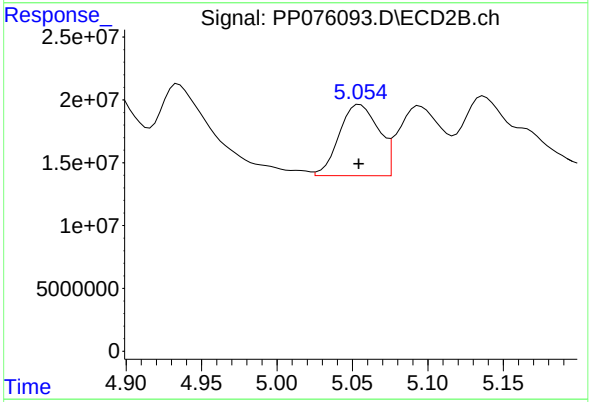
R.T.: 4.935 min
Delta R.T.: -0.001 min
Response: 189815763
Conc: 555.13 ng/ml




#5 AR-1016-3

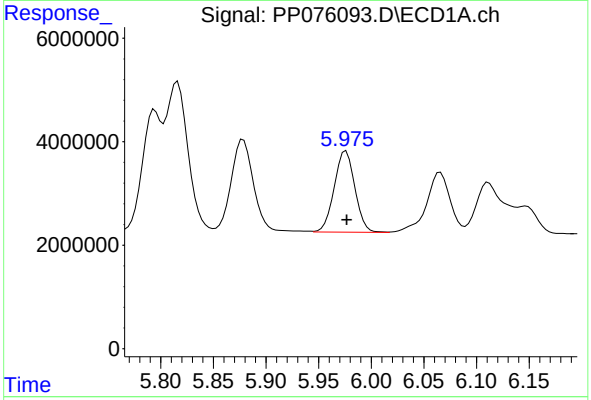
R.T.: 5.878 min
Delta R.T.: -0.001 min
Response: 26259626
Conc: 474.42 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



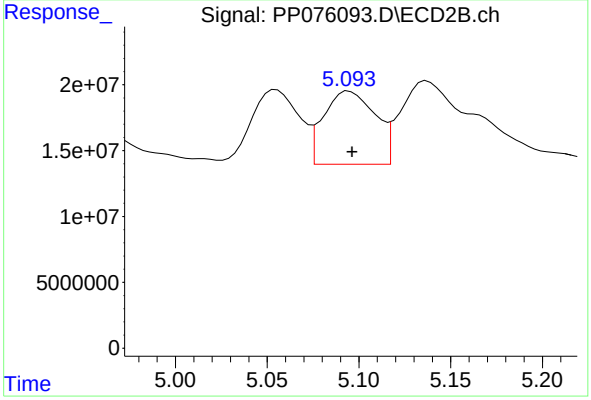

#5 AR-1016-3

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 102595292
Conc: 499.63 ng/ml



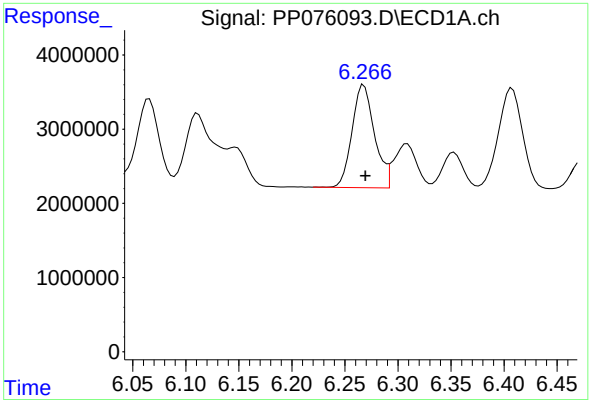

#6 AR-1016-4

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 21546827
Conc: 474.18 ng/ml




#6 AR-1016-4

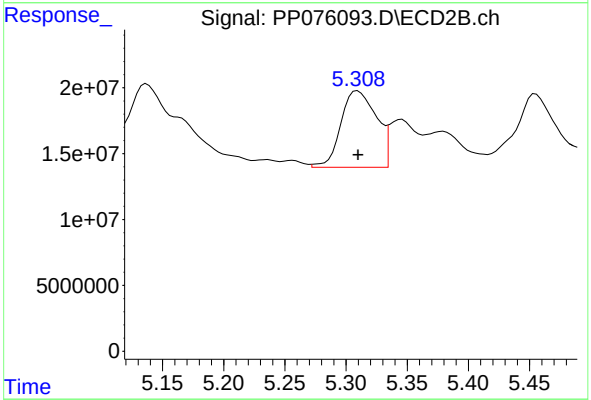
R.T.: 5.095 min
Delta R.T.: -0.002 min
Response: 108501046
Conc: 580.57 ng/ml




#7 AR-1016-5

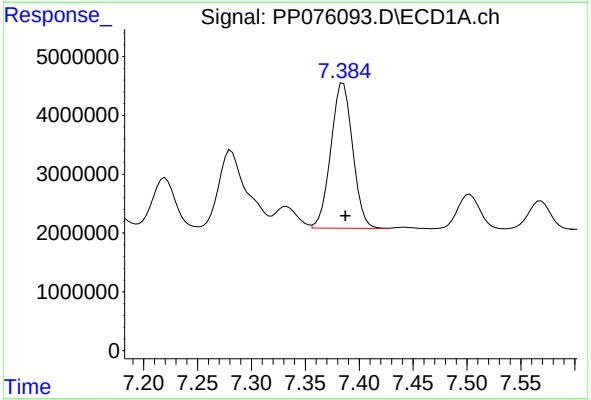
R.T.: 6.268 min
Delta R.T.: -0.002 min
Response: 20479727
Conc: 471.82 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



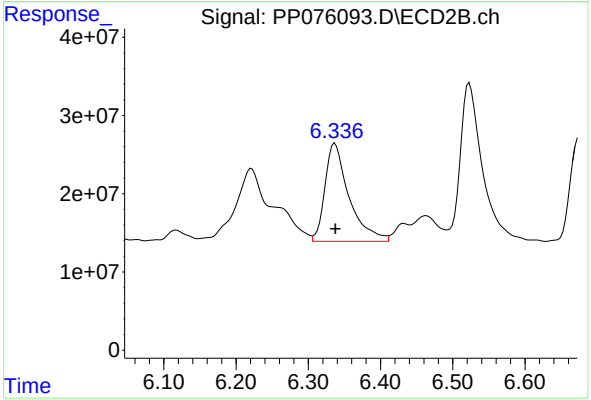

#7 AR-1016-5

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 117675844
Conc: 516.16 ng/ml



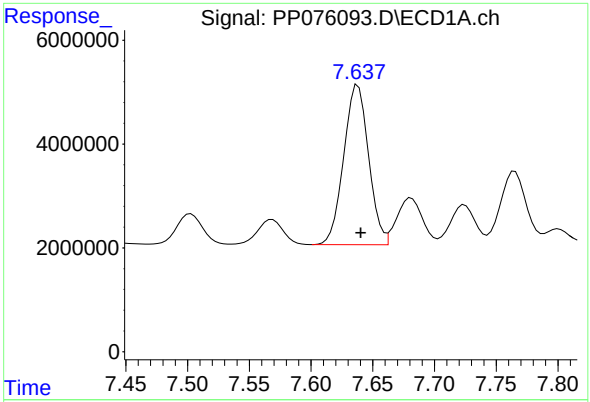

#31 AR-1260-1

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 34827859
Conc: 506.54 ng/ml




#31 AR-1260-1

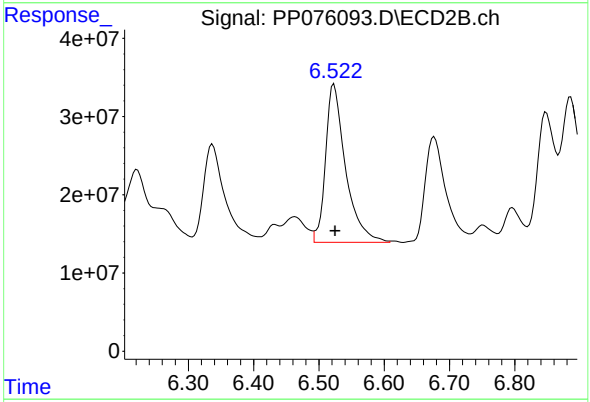
R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 290289214
Conc: 530.02 ng/ml




#32 AR-1260-2

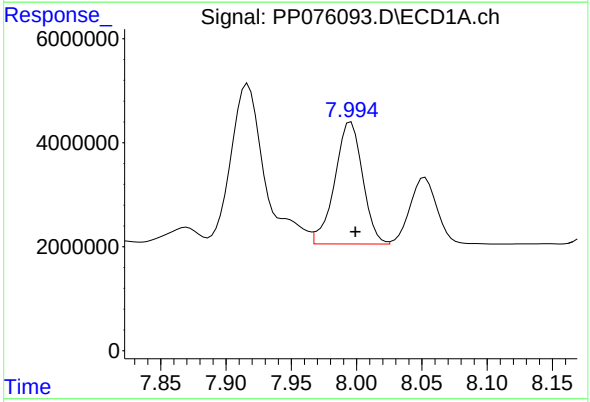
R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 43228414
Conc: 482.58 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



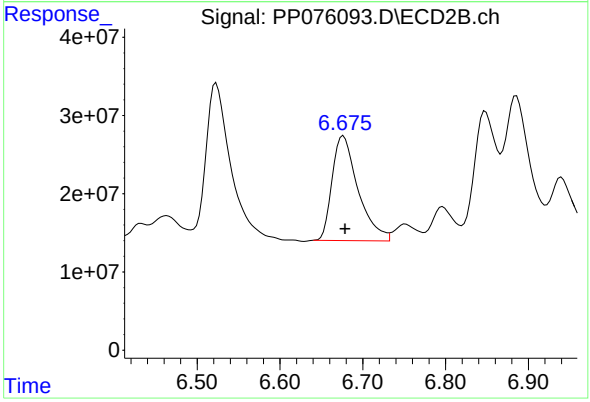

#32 AR-1260-2

R.T.: 6.523 min
Delta R.T.: -0.002 min
Response: 431666493
Conc: 530.48 ng/ml



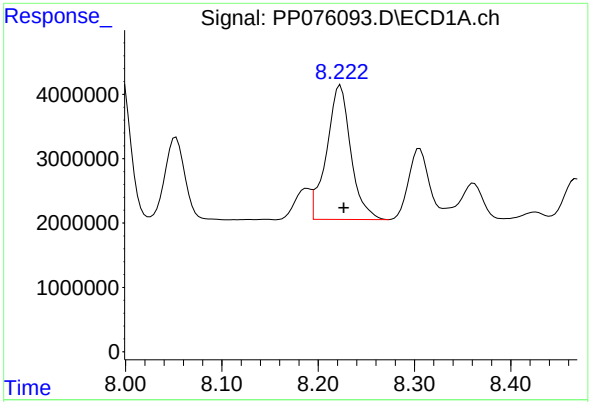

#33 AR-1260-3

R.T.: 7.996 min
Delta R.T.: -0.003 min
Response: 34877119
Conc: 503.37 ng/ml




#33 AR-1260-3

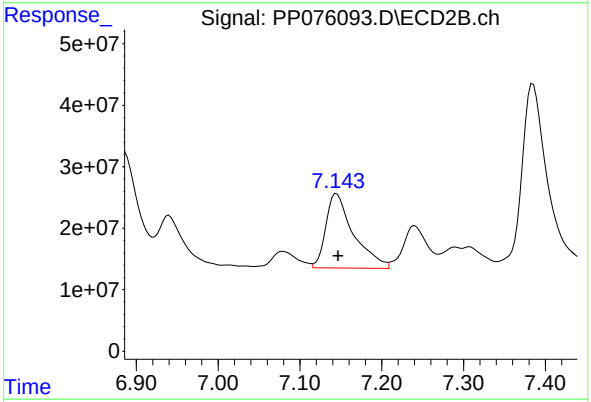
R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 292500500
Conc: 519.76 ng/ml




#34 AR-1260-4

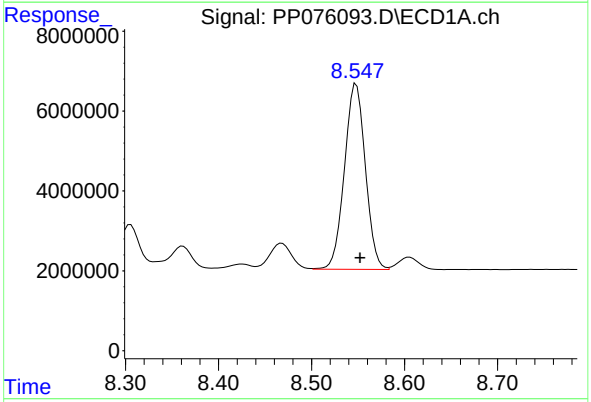
R.T.: 8.223 min
Delta R.T.: -0.003 min
Response: 36493029
Conc: 532.19 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



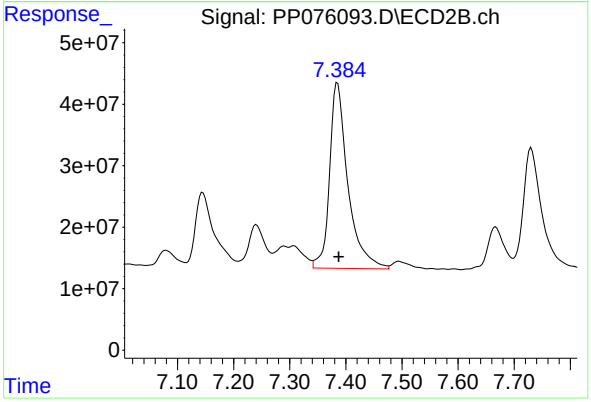

#34 AR-1260-4

R.T.: 7.145 min
Delta R.T.: -0.002 min
Response: 284481265
Conc: 547.78 ng/ml




#35 AR-1260-5

R.T.: 8.548 min
Delta R.T.: -0.004 min
Response: 72623646
Conc: 490.86 ng/ml




#35 AR-1260-5

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 686946685
Conc: 506.76 ng/ml

Raw Data: **PP076110.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Continuing Calib Date:** 10/28/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

**Continuing Calib Time:** 09:22 **Initial Calibration Time(s):** 09:06 17:01

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 5.79 | 5.80 | 5.70 | 5.90 | 0.01 |
| Aroclor-1016-2 | (2) | 5.81 | 5.82 | 5.72 | 5.92 | 0.01 |
| Aroclor-1016-3 | (3) | 5.87 | 5.88 | 5.78 | 5.98 | 0.01 |
| Aroclor-1016-4 | (4) | 5.97 | 5.98 | 5.88 | 6.08 | 0.01 |
| Aroclor-1016-5 | (5) | 6.26 | 6.27 | 6.17 | 6.37 | 0.01 |
| Aroclor-1260-1 | (1) | 7.38 | 7.39 | 7.29 | 7.49 | 0.01 |
| Aroclor-1260-2 | (2) | 7.63 | 7.64 | 7.54 | 7.74 | 0.01 |
| Aroclor-1260-3 | (3) | 7.99 | 8.00 | 7.90 | 8.10 | 0.01 |
| Aroclor-1260-4 | (4) | 8.22 | 8.23 | 8.13 | 8.33 | 0.01 |
| Aroclor-1260-5 | (5) | 8.54 | 8.55 | 8.45 | 8.65 | 0.01 |
| Tetrachloro-m-xylene | | 4.64 | 4.64 | 4.54 | 4.74 | 0.00 |
| Decachlorobiphenyl | | 10.40 | 10.42 | 10.32 | 10.52 | 0.02 |

Raw Data: **PP076110.D**

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Fax : 908 789 8922

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Continuing Calib Date:** 10/28/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

**Continuing Calib Time:** 09:22 **Initial Calibration Time(s):** 09:06 17:01

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.87 | 4.88 | 4.78 | 4.98 | 0.01 |
| Aroclor-1016-2 | (2) | 4.93 | 4.94 | 4.84 | 5.04 | 0.01 |
| Aroclor-1016-3 | (3) | 5.05 | 5.05 | 4.95 | 5.15 | 0.00 |
| Aroclor-1016-4 | (4) | 5.09 | 5.10 | 5.00 | 5.20 | 0.01 |
| Aroclor-1016-5 | (5) | 5.31 | 5.31 | 5.21 | 5.41 | 0.01 |
| Aroclor-1260-1 | (1) | 6.33 | 6.34 | 6.24 | 6.44 | 0.01 |
| Aroclor-1260-2 | (2) | 6.52 | 6.53 | 6.43 | 6.63 | 0.01 |
| Aroclor-1260-3 | (3) | 6.67 | 6.68 | 6.58 | 6.78 | 0.01 |
| Aroclor-1260-4 | (4) | 7.14 | 7.15 | 7.05 | 7.25 | 0.01 |
| Aroclor-1260-5 | (5) | 7.38 | 7.39 | 7.29 | 7.49 | 0.01 |
| Tetrachloro-m-xylene | | 3.78 | 3.78 | 3.68 | 3.88 | 0.00 |
| Decachlorobiphenyl | | 8.77 | 8.78 | 8.68 | 8.88 | 0.01 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 10/28/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP076110.D **Time Analyzed:** 09:22

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 5.788 | 5.695 | 5.895 | 528.690 | 500.000 | 5.7 |
| Aroclor-1016-2 | 5.810 | 5.717 | 5.917 | 528.930 | 500.000 | 5.8 |
| Aroclor-1016-3 | 5.872 | 5.780 | 5.980 | 522.400 | 500.000 | 4.5 |
| Aroclor-1016-4 | 5.969 | 5.877 | 6.077 | 526.120 | 500.000 | 5.2 |
| Aroclor-1016-5 | 6.261 | 6.169 | 6.369 | 522.100 | 500.000 | 4.4 |
| Aroclor-1260-1 | 7.378 | 7.287 | 7.487 | 559.940 | 500.000 | 12.0 |
| Aroclor-1260-2 | 7.632 | 7.540 | 7.740 | 530.200 | 500.000 | 6.0 |
| Aroclor-1260-3 | 7.990 | 7.899 | 8.099 | 549.610 | 500.000 | 9.9 |
| Aroclor-1260-4 | 8.217 | 8.127 | 8.327 | 575.050 | 500.000 | 15.0 |
| Aroclor-1260-5 | 8.542 | 8.452 | 8.652 | 537.630 | 500.000 | 7.5 |
| Decachlorobiphenyl | 10.404 | 10.319 | 10.519 | 53.490 | 50.000 | 7.0 |
| Tetrachloro-m-xylene | 4.636 | 4.542 | 4.742 | 53.240 | 50.000 | 6.5 |

Raw Data: **PP076110.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 10/28/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP076110.D **Time Analyzed:** 09:22

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.873 | 4.778 | 4.978 | 544.040 | 500.000 | 8.8 |
| Aroclor-1016-2 | 4.931 | 4.836 | 5.036 | 538.830 | 500.000 | 7.8 |
| Aroclor-1016-3 | 5.050 | 4.954 | 5.154 | 515.000 | 500.000 | 3.0 |
| Aroclor-1016-4 | 5.091 | 4.996 | 5.196 | 573.130 | 500.000 | 14.6 |
| Aroclor-1016-5 | 5.305 | 5.210 | 5.410 | 534.550 | 500.000 | 6.9 |
| Aroclor-1260-1 | 6.331 | 6.238 | 6.438 | 576.200 | 500.000 | 15.2 |
| Aroclor-1260-2 | 6.518 | 6.425 | 6.625 | 579.620 | 500.000 | 15.9 |
| Aroclor-1260-3 | 6.671 | 6.578 | 6.778 | 579.030 | 500.000 | 15.8 |
| Aroclor-1260-4 | 7.140 | 7.047 | 7.247 | 602.530 | 500.000 | 20.5 |
| Aroclor-1260-5 | 7.380 | 7.287 | 7.487 | 569.960 | 500.000 | 14.0 |
| Decachlorobiphenyl | 8.773 | 8.682 | 8.882 | 48.290 | 50.000 | -3.4 |
| Tetrachloro-m-xylene | 3.779 | 3.681 | 3.881 | 56.080 | 50.000 | 12.2 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076110.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 09:22
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: Oct 28 11:50:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.636 | 3.779 | 76083626 | 371.2E6 | 53.239 | 56.084 |
| 2) | SA Decachlor... | 10.404 | 8.773 | 57588209 | 397.1E6 | 53.494 | 48.288 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.788 | 4.873 | 31259240 | 402.7E6 | 528.688 | 544.036 |
| 4) | L1 AR-1016-2 | 5.810 | 4.931 | 46780654 | 184.2E6 | 528.929 | 538.833 |
| 5) | L1 AR-1016-3 | 5.872 | 5.050 | 28915469 | 105.8E6 | 522.402 | 515.005 |
| 6) | L1 AR-1016-4 | 5.969 | 5.091 | 23907062 | 107.1E6 | 526.121 | 573.132 |
| 7) | L1 AR-1016-5 | 6.261 | 5.305 | 22662219 | 121.9E6 | 522.104 | 534.550 |
| 31) | L7 AR-1260-1 | 7.378 | 6.331 | 38499313 | 315.6E6 | 559.936 | 576.196 |
| 32) | L7 AR-1260-2 | 7.632 | 6.518 | 47493995 | 471.7E6 | 530.201 | 579.617 |
| 33) | L7 AR-1260-3 | 7.990 | 6.671 | 38080837 | 325.9E6 | 549.614 | 579.029 |
| 34) | L7 AR-1260-4 | 8.217 | 7.140 | 39431911 | 312.9E6 | 575.049 | 602.530 |
| 35) | L7 AR-1260-5 | 8.542 | 7.380 | 79543880 | 772.6E6 | 537.634 | 569.964 |

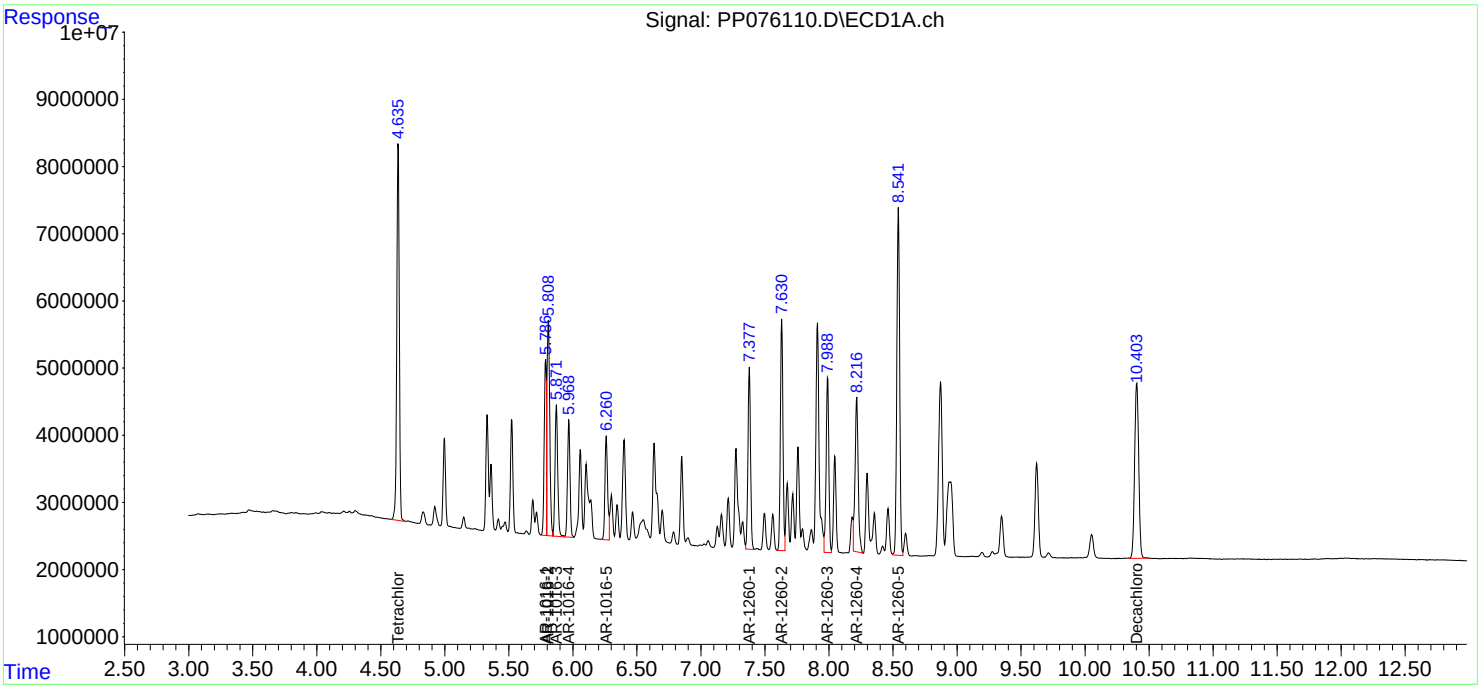
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

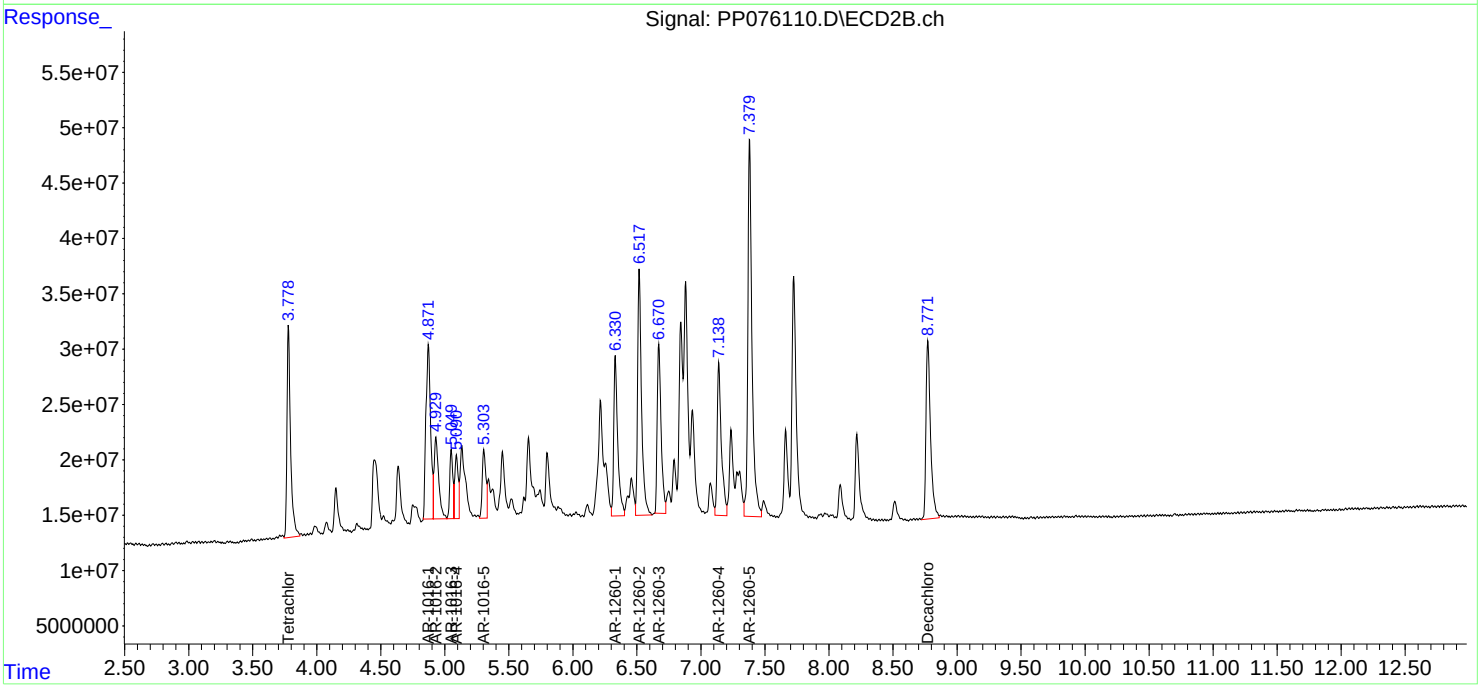
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076110.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 09:22
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

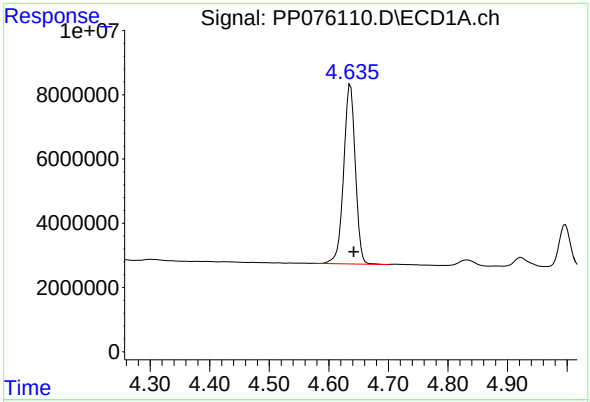
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:50:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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



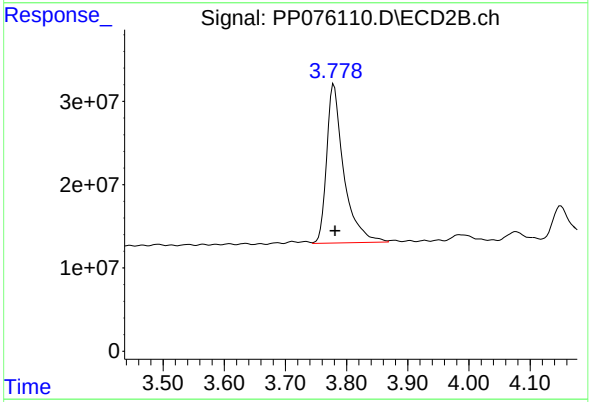






#1 Tetrachloro-m-xylene

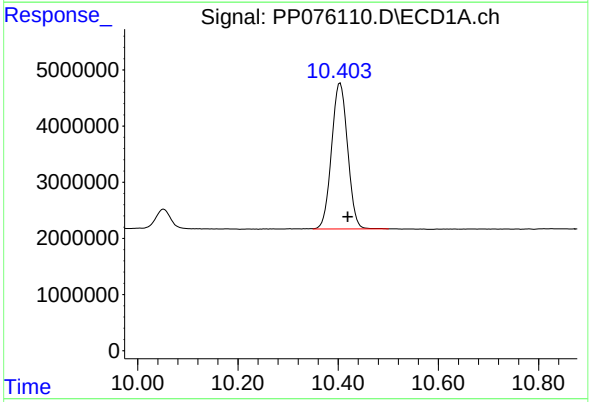
R.T.: 4.636 min
Delta R.T.: -0.006 min
Response: 76083626
Conc: 53.24 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



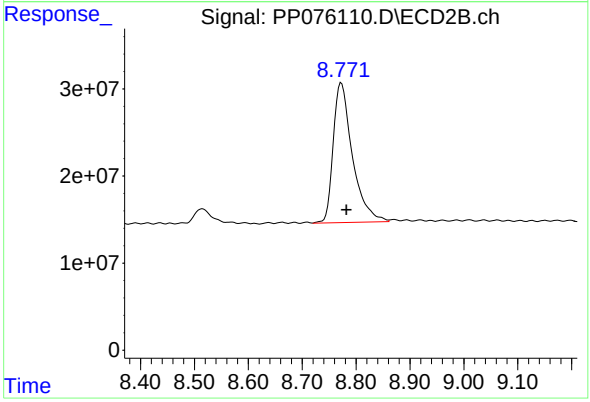

#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 371180906
Conc: 56.08 ng/ml



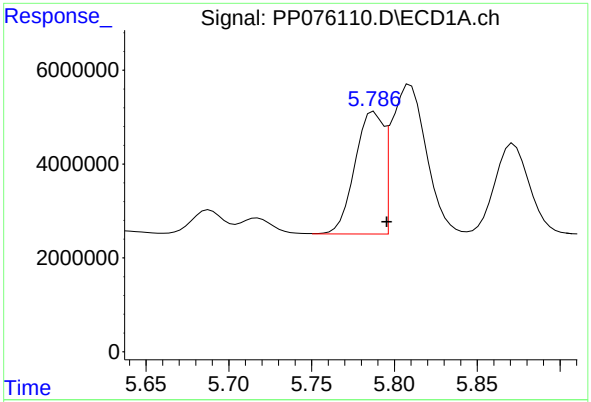

#2 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.015 min
Response: 57588209
Conc: 53.49 ng/ml




#2 Decachlorobiphenyl

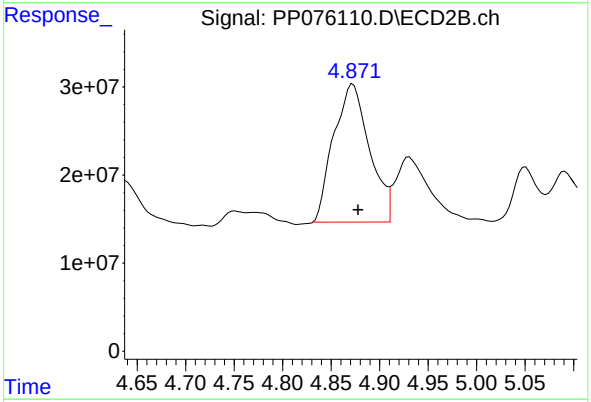
R.T.: 8.773 min
Delta R.T.: -0.009 min
Response: 397073628
Conc: 48.29 ng/ml




#3 AR-1016-1

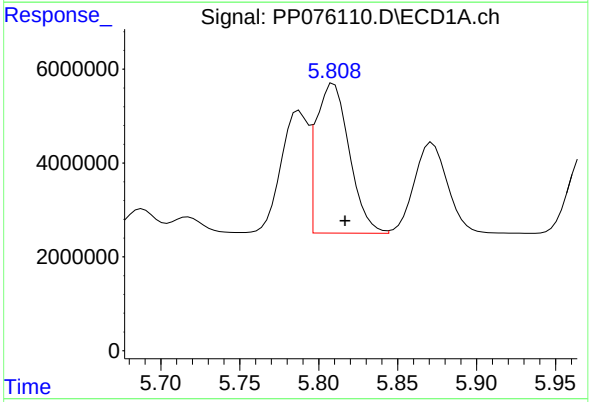
R.T.: 5.788 min
Delta R.T.: -0.008 min
Response: 31259240
Conc: 528.69 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



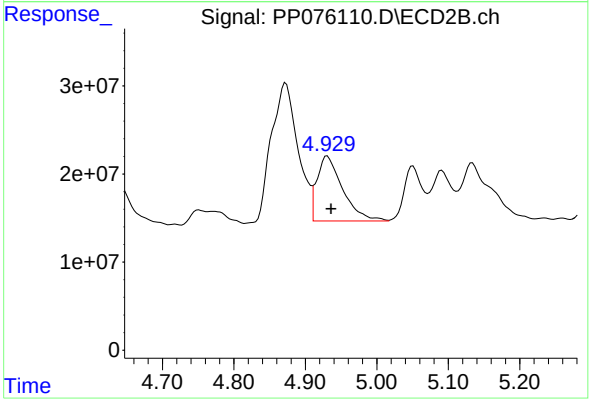

#3 AR-1016-1

R.T.: 4.873 min
Delta R.T.: -0.005 min
Response: 402679884
Conc: 544.04 ng/ml



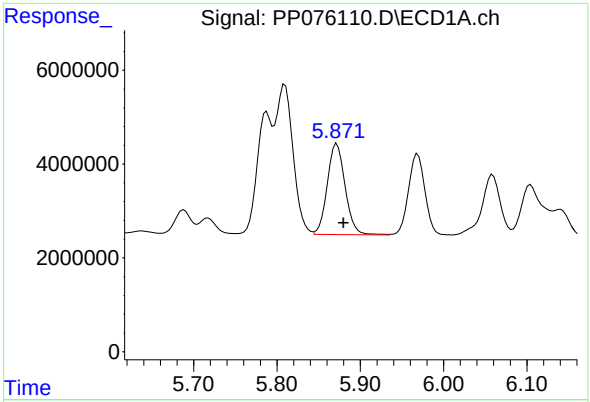

#4 AR-1016-2

R.T.: 5.810 min
Delta R.T.: -0.007 min
Response: 46780654
Conc: 528.93 ng/ml




#4 AR-1016-2

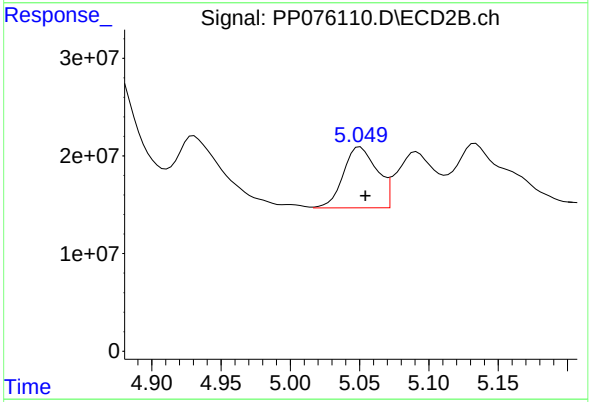
R.T.: 4.931 min
Delta R.T.: -0.005 min
Response: 184244285
Conc: 538.83 ng/ml




#5 AR-1016-3

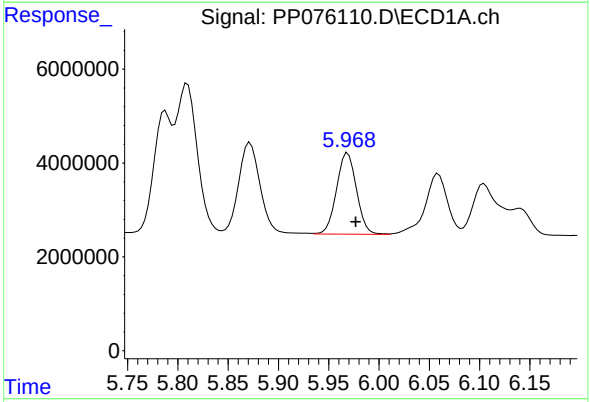
R.T.: 5.872 min
Delta R.T.: -0.008 min
Response: 28915469
Conc: 522.40 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



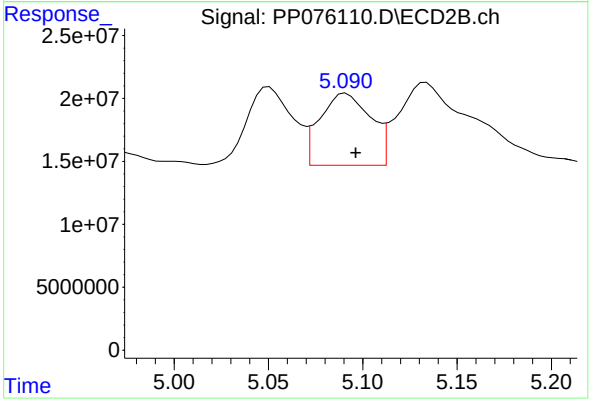

#5 AR-1016-3

R.T.: 5.050 min
Delta R.T.: -0.004 min
Response: 105752353
Conc: 515.00 ng/ml



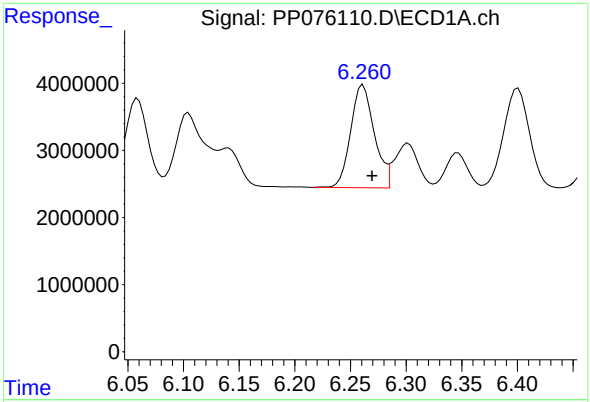

#6 AR-1016-4

R.T.: 5.969 min
Delta R.T.: -0.008 min
Response: 23907062
Conc: 526.12 ng/ml




#6 AR-1016-4

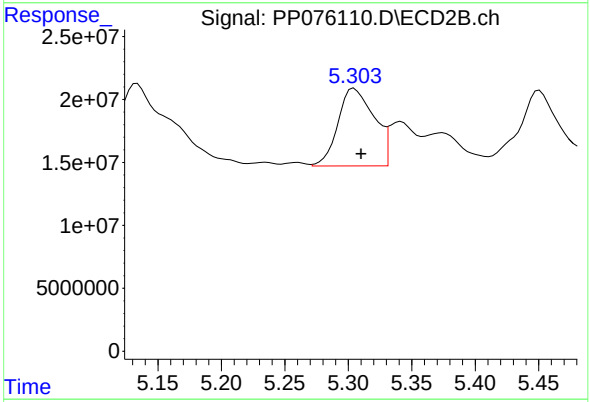
R.T.: 5.091 min
Delta R.T.: -0.005 min
Response: 107110046
Conc: 573.13 ng/ml




#7 AR-1016-5

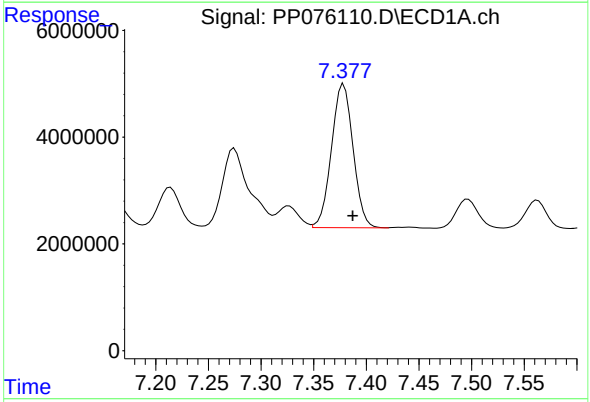
R.T.: 6.261 min
Delta R.T.: -0.008 min
Response: 22662219
Conc: 522.10 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



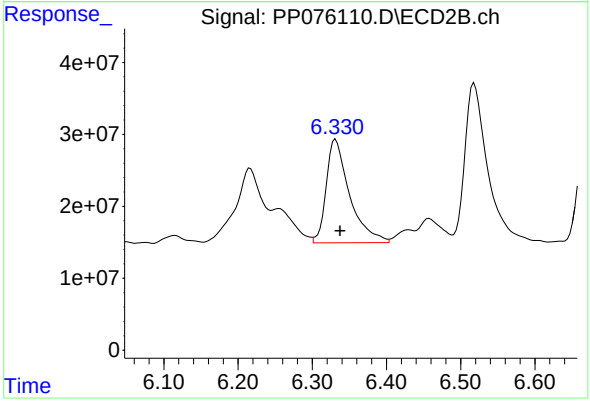

#7 AR-1016-5

R.T.: 5.305 min
Delta R.T.: -0.005 min
Response: 121868185
Conc: 534.55 ng/ml



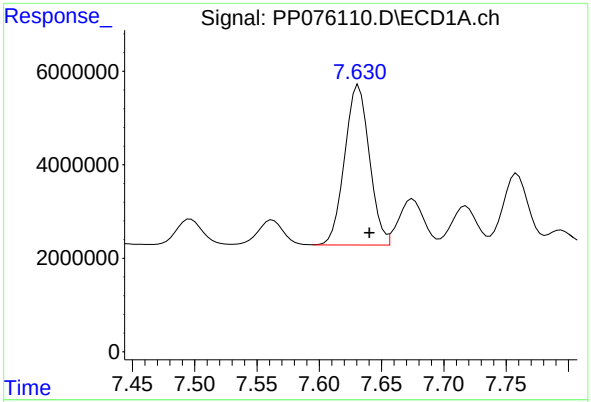

#31 AR-1260-1

R.T.: 7.378 min
Delta R.T.: -0.009 min
Response: 38499313
Conc: 559.94 ng/ml




#31 AR-1260-1

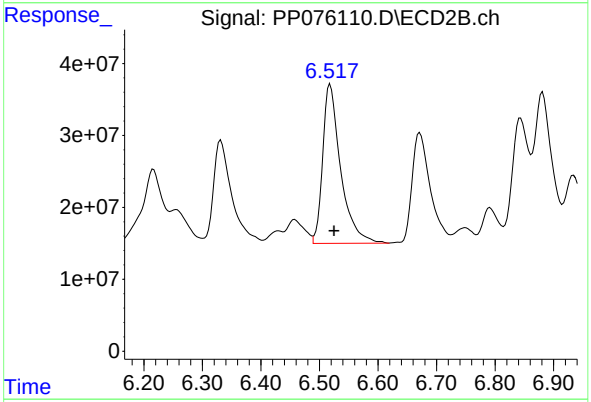
R.T.: 6.331 min
Delta R.T.: -0.006 min
Response: 315579856
Conc: 576.20 ng/ml




#32 AR-1260-2

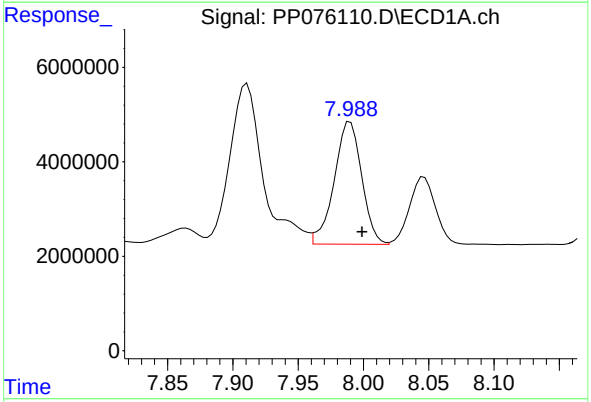
R.T.: 7.632 min
Delta R.T.: -0.009 min
Response: 47493995
Conc: 530.20 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



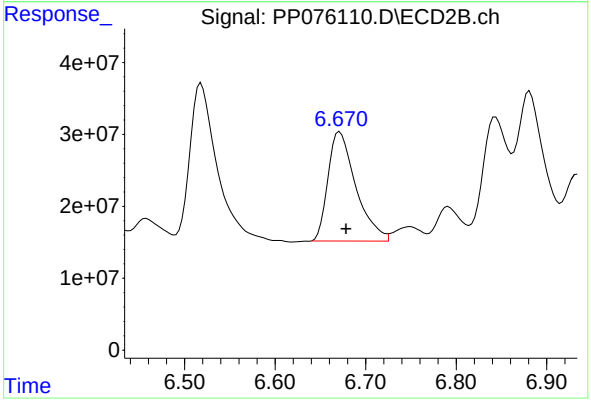

#32 AR-1260-2

R.T.: 6.518 min
Delta R.T.: -0.006 min
Response: 471654092
Conc: 579.62 ng/ml



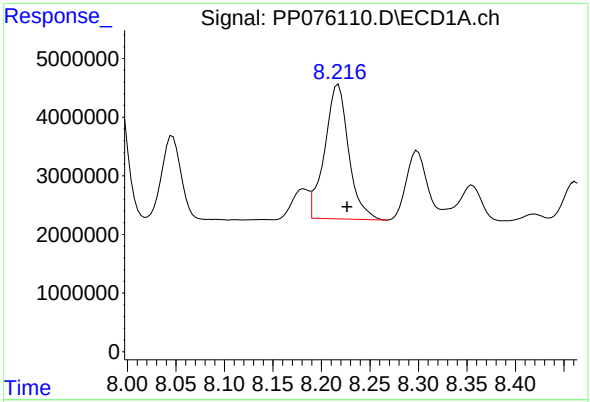

#33 AR-1260-3

R.T.: 7.990 min
Delta R.T.: -0.009 min
Response: 38080837
Conc: 549.61 ng/ml




#33 AR-1260-3

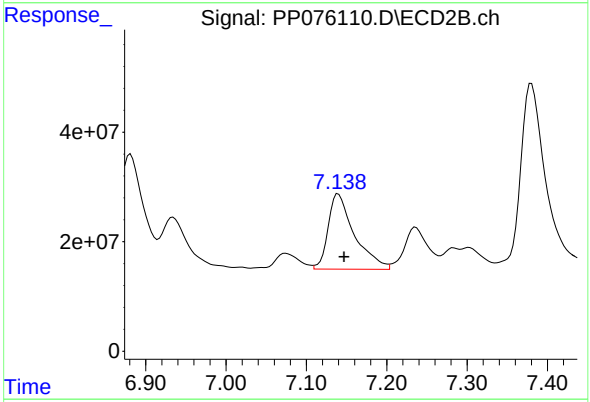
R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 325852604
Conc: 579.03 ng/ml




#34 AR-1260-4

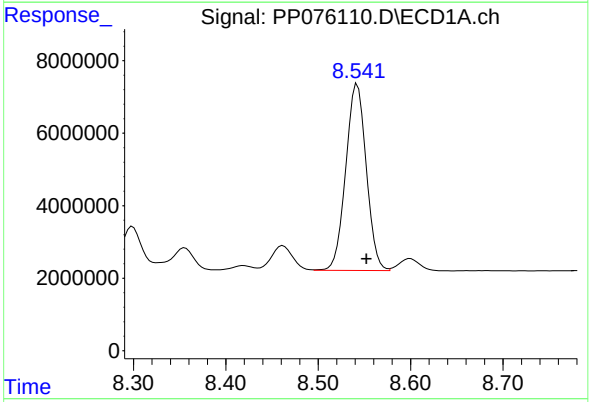
R.T.: 8.217 min
Delta R.T.: -0.009 min
Response: 39431911
Conc: 575.05 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



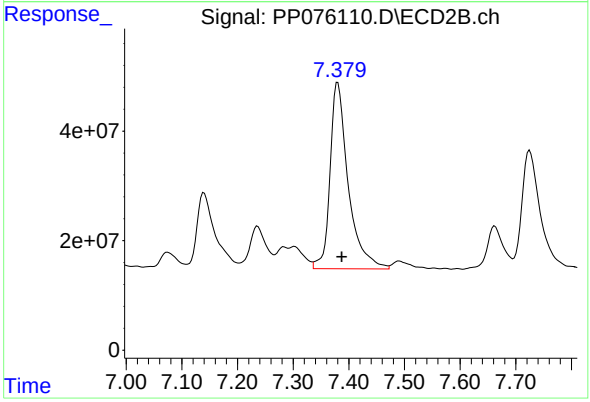

#34 AR-1260-4

R.T.: 7.140 min
Delta R.T.: -0.007 min
Response: 312912711
Conc: 602.53 ng/ml




#35 AR-1260-5

R.T.: 8.542 min
Delta R.T.: -0.010 min
Response: 79543880
Conc: 537.63 ng/ml




#35 AR-1260-5

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 772617882
Conc: 569.96 ng/ml

Raw Data: **PP076126.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Continuing Calib Date:** 10/28/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

**Continuing Calib Time:** 14:35 **Initial Calibration Time(s):** 09:06 17:01

**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) | 5.79 | 5.80 | 5.70 | 5.90 | 0.01 |
| Aroclor-1016-2 | (2) | 5.81 | 5.82 | 5.72 | 5.92 | 0.01 |
| Aroclor-1016-3 | (3) | 5.87 | 5.88 | 5.78 | 5.98 | 0.01 |
| Aroclor-1016-4 | (4) | 5.97 | 5.98 | 5.88 | 6.08 | 0.01 |
| Aroclor-1016-5 | (5) | 6.26 | 6.27 | 6.17 | 6.37 | 0.01 |
| Aroclor-1260-1 | (1) | 7.38 | 7.39 | 7.29 | 7.49 | 0.01 |
| Aroclor-1260-2 | (2) | 7.63 | 7.64 | 7.54 | 7.74 | 0.01 |
| Aroclor-1260-3 | (3) | 7.99 | 8.00 | 7.90 | 8.10 | 0.01 |
| Aroclor-1260-4 | (4) | 8.22 | 8.23 | 8.13 | 8.33 | 0.01 |
| Aroclor-1260-5 | (5) | 8.54 | 8.55 | 8.45 | 8.65 | 0.01 |
| Tetrachloro-m-xylene | | 4.64 | 4.64 | 4.54 | 4.74 | 0.00 |
| Decachlorobiphenyl | | 10.41 | 10.42 | 10.32 | 10.52 | 0.01 |

Raw Data: **PP076126.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Continuing Calib Date:** 10/28/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

**Continuing Calib Time:** 14:35 **Initial Calibration Time(s):** 09:06 17:01

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.87 | 4.88 | 4.78 | 4.98 | 0.01 |
| Aroclor-1016-2 | (2) | 4.93 | 4.94 | 4.84 | 5.04 | 0.01 |
| Aroclor-1016-3 | (3) | 5.05 | 5.05 | 4.95 | 5.15 | 0.00 |
| Aroclor-1016-4 | (4) | 5.09 | 5.10 | 5.00 | 5.20 | 0.01 |
| Aroclor-1016-5 | (5) | 5.31 | 5.31 | 5.21 | 5.41 | 0.01 |
| Aroclor-1260-1 | (1) | 6.33 | 6.34 | 6.24 | 6.44 | 0.01 |
| Aroclor-1260-2 | (2) | 6.52 | 6.53 | 6.43 | 6.63 | 0.01 |
| Aroclor-1260-3 | (3) | 6.67 | 6.68 | 6.58 | 6.78 | 0.01 |
| Aroclor-1260-4 | (4) | 7.14 | 7.15 | 7.05 | 7.25 | 0.01 |
| Aroclor-1260-5 | (5) | 7.38 | 7.39 | 7.29 | 7.49 | 0.01 |
| Tetrachloro-m-xylene | | 3.78 | 3.78 | 3.68 | 3.88 | 0.00 |
| Decachlorobiphenyl | | 8.77 | 8.78 | 8.68 | 8.88 | 0.01 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

**Client Sample No.:** CCAL05 **Date Analyzed:** 10/28/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP076126.D **Time Analyzed:** 14:35

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 5.790 | 5.695 | 5.895 | 515.540 | 500.000 | 3.1 |
| Aroclor-1016-2 | 5.811 | 5.717 | 5.917 | 514.030 | 500.000 | 2.8 |
| Aroclor-1016-3 | 5.874 | 5.780 | 5.980 | 515.830 | 500.000 | 3.2 |
| Aroclor-1016-4 | 5.971 | 5.877 | 6.077 | 517.190 | 500.000 | 3.4 |
| Aroclor-1016-5 | 6.263 | 6.169 | 6.369 | 506.700 | 500.000 | 1.3 |
| Aroclor-1260-1 | 7.381 | 7.287 | 7.487 | 549.360 | 500.000 | 9.9 |
| Aroclor-1260-2 | 7.633 | 7.540 | 7.740 | 521.250 | 500.000 | 4.3 |
| Aroclor-1260-3 | 7.992 | 7.899 | 8.099 | 543.700 | 500.000 | 8.7 |
| Aroclor-1260-4 | 8.219 | 8.127 | 8.327 | 558.900 | 500.000 | 11.8 |
| Aroclor-1260-5 | 8.544 | 8.452 | 8.652 | 522.930 | 500.000 | 4.6 |
| Decachlorobiphenyl | 10.407 | 10.319 | 10.519 | 51.990 | 50.000 | 4.0 |
| Tetrachloro-m-xylene | 4.639 | 4.542 | 4.742 | 51.490 | 50.000 | 3.0 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

**Client Sample No.:** CCAL05 **Date Analyzed:** 10/28/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP076126.D **Time Analyzed:** 14:35

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.871 | 4.778 | 4.978 | 546.360 | 500.000 | 9.3 |
| Aroclor-1016-2 | 4.931 | 4.836 | 5.036 | 529.640 | 500.000 | 5.9 |
| Aroclor-1016-3 | 5.050 | 4.954 | 5.154 | 509.890 | 500.000 | 2.0 |
| Aroclor-1016-4 | 5.091 | 4.996 | 5.196 | 562.330 | 500.000 | 12.5 |
| Aroclor-1016-5 | 5.305 | 5.210 | 5.410 | 515.240 | 500.000 | 3.0 |
| Aroclor-1260-1 | 6.332 | 6.238 | 6.438 | 546.780 | 500.000 | 9.4 |
| Aroclor-1260-2 | 6.519 | 6.425 | 6.625 | 556.220 | 500.000 | 11.2 |
| Aroclor-1260-3 | 6.672 | 6.578 | 6.778 | 542.250 | 500.000 | 8.5 |
| Aroclor-1260-4 | 7.140 | 7.047 | 7.247 | 548.730 | 500.000 | 9.7 |
| Aroclor-1260-5 | 7.381 | 7.287 | 7.487 | 540.840 | 500.000 | 8.2 |
| Decachlorobiphenyl | 8.774 | 8.682 | 8.882 | 46.520 | 50.000 | -7.0 |
| Tetrachloro-m-xylene | 3.779 | 3.681 | 3.881 | 56.460 | 50.000 | 12.9 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076126.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 14:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:39:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.639 | 3.779 | 73579892 | 373.7E6 | 51.487 | 56.459 |
| 2) | SA Decachlor... | 10.407 | 8.774 | 55972924 | 382.5E6 | 51.994 | 46.517 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.790 | 4.871 | 30481740 | 404.4E6 | 515.538 | 546.356m |
| 4) | L1 AR-1016-2 | 5.811 | 4.931 | 45463224 | 181.1E6 | 514.033 | 529.644 |
| 5) | L1 AR-1016-3 | 5.874 | 5.050 | 28551734 | 104.7E6 | 515.830 | 509.893 |
| 6) | L1 AR-1016-4 | 5.971 | 5.091 | 23501379 | 105.1E6 | 517.194 | 562.333 |
| 7) | L1 AR-1016-5 | 6.263 | 5.305 | 21993764 | 117.5E6 | 506.704 | 515.243 |
| 31) | L7 AR-1260-1 | 7.381 | 6.332 | 37772229 | 299.5E6 | 549.361 | 546.780 |
| 32) | L7 AR-1260-2 | 7.633 | 6.519 | 46692308 | 452.6E6 | 521.252 | 556.218 |
| 33) | L7 AR-1260-3 | 7.992 | 6.672 | 37670806 | 305.2E6 | 543.696 | 542.252 |
| 34) | L7 AR-1260-4 | 8.219 | 7.140 | 38324466 | 285.0E6 | 558.899 | 548.726 |
| 35) | L7 AR-1260-5 | 8.544 | 7.381 | 77367997 | 733.1E6 | 522.928 | 540.835 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076126.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 14:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

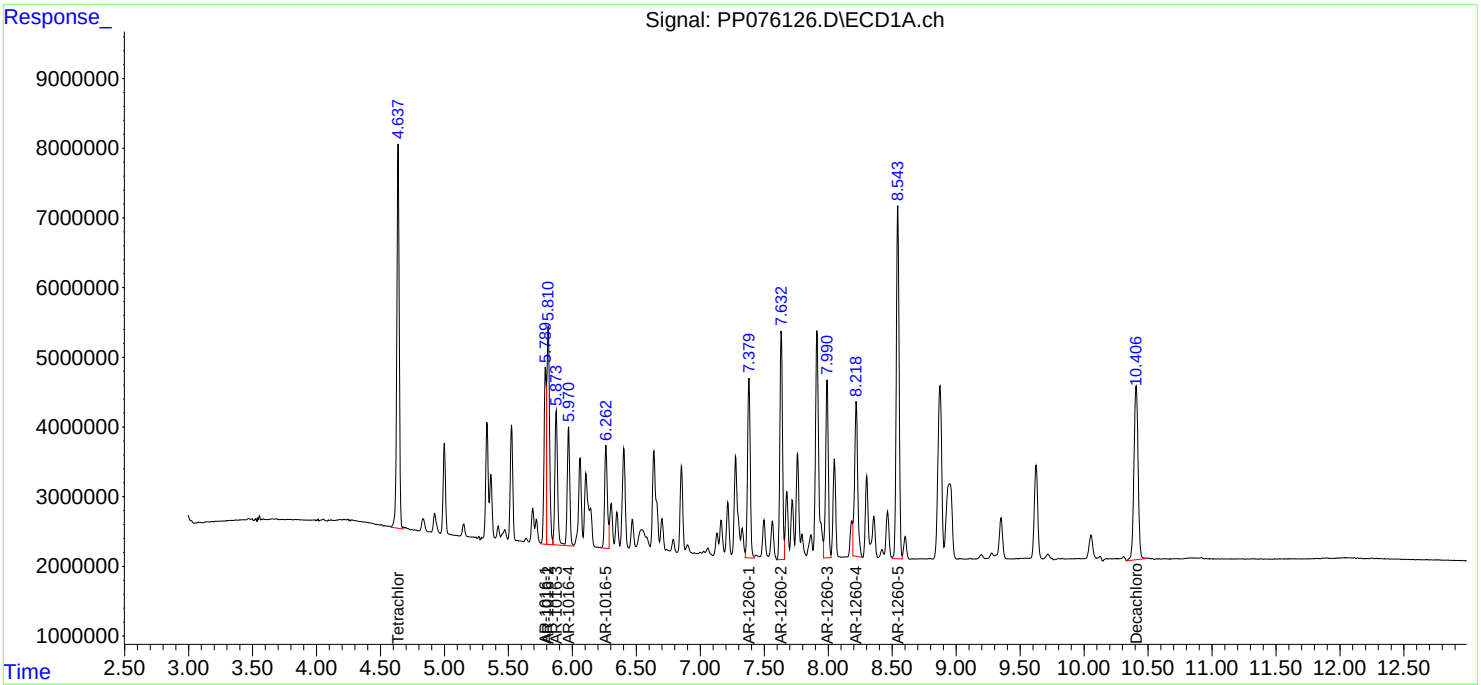
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

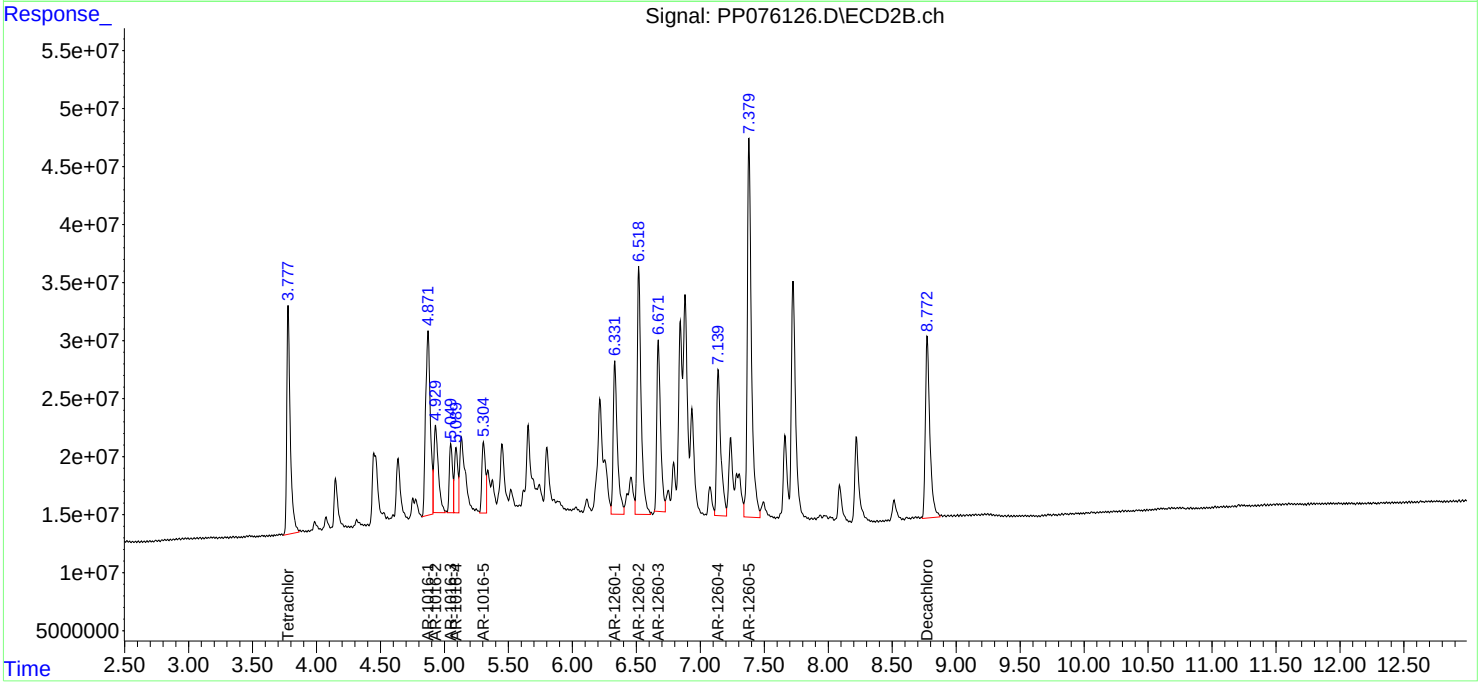
**Manual Integrations APPROVED**

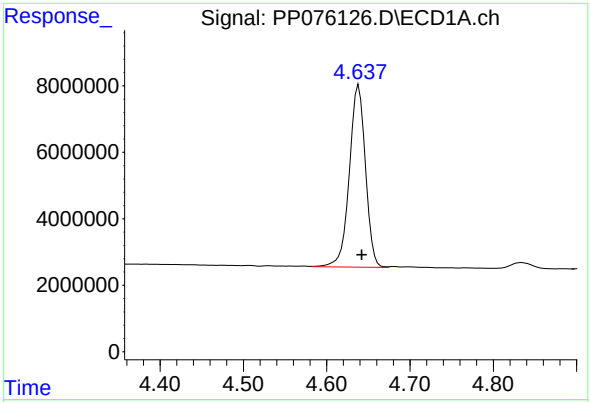
Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:39:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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





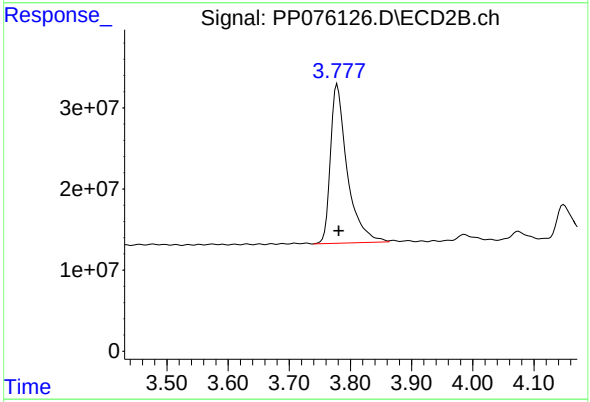

#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: -0.003 min
Response: 73579892
Conc: 51.49 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

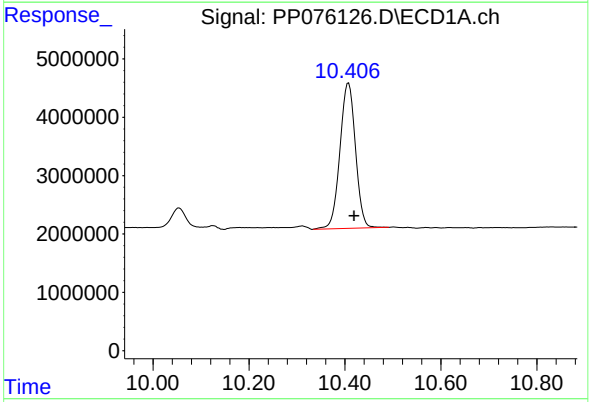
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



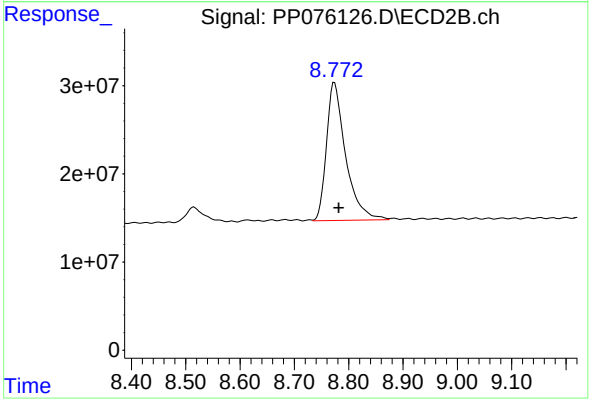

#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: -0.003 min
Response: 373664619
Conc: 56.46 ng/ml



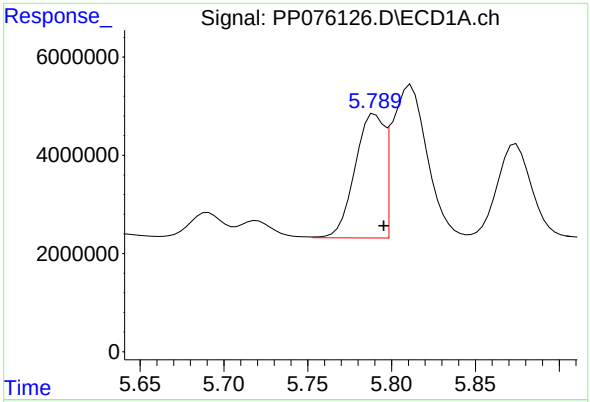

#2 Decachlorobiphenyl

R.T.: 10.407 min
Delta R.T.: -0.011 min
Response: 55972924
Conc: 51.99 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.774 min
Delta R.T.: -0.008 min
Response: 382511394
Conc: 46.52 ng/ml



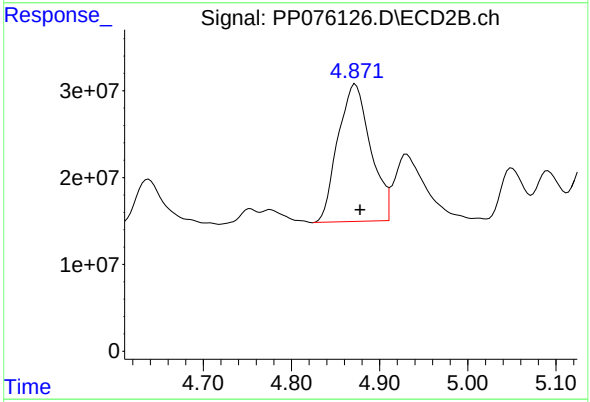

#3 AR-1016-1

R.T.: 5.790 min
Delta R.T.: -0.005 min
Response: 30481740
Conc: 515.54 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

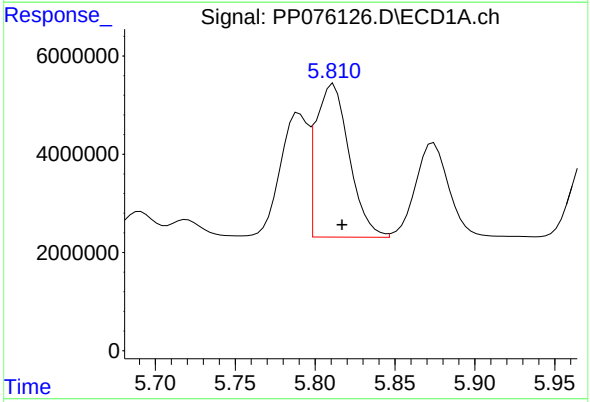
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



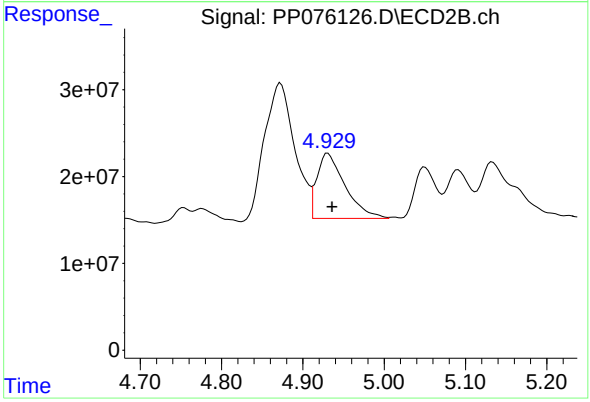

#3 AR-1016-1

R.T.: 4.871 min
Delta R.T.: -0.007 min
Response: 404397303
Conc: 546.36 ng/ml m



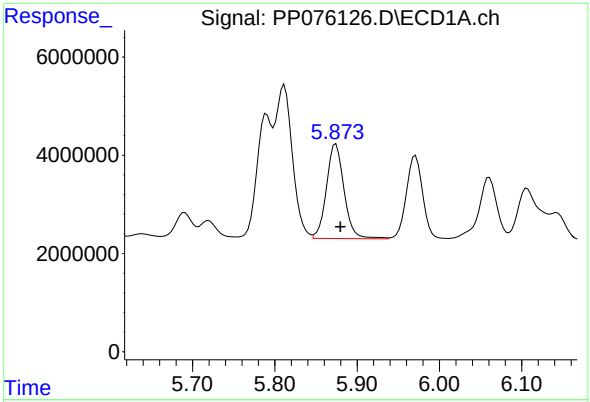

#4 AR-1016-2

R.T.: 5.811 min
Delta R.T.: -0.005 min
Response: 45463224
Conc: 514.03 ng/ml




#4 AR-1016-2

R.T.: 4.931 min
Delta R.T.: -0.005 min
Response: 181102588
Conc: 529.64 ng/ml



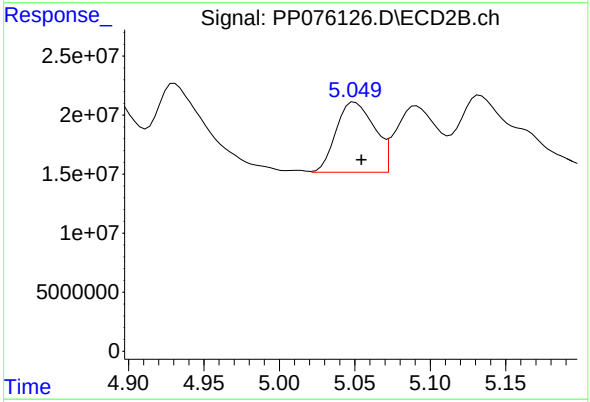

#5 AR-1016-3

R.T.: 5.874 min
Delta R.T.: -0.005 min
Response: 28551734
Conc: 515.83 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

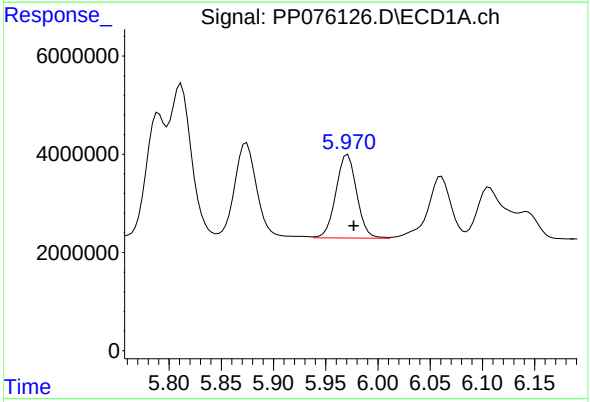
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



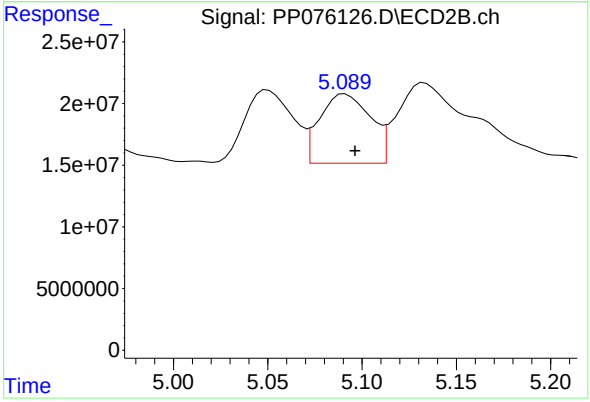

#5 AR-1016-3

R.T.: 5.050 min
Delta R.T.: -0.004 min
Response: 104702684
Conc: 509.89 ng/ml



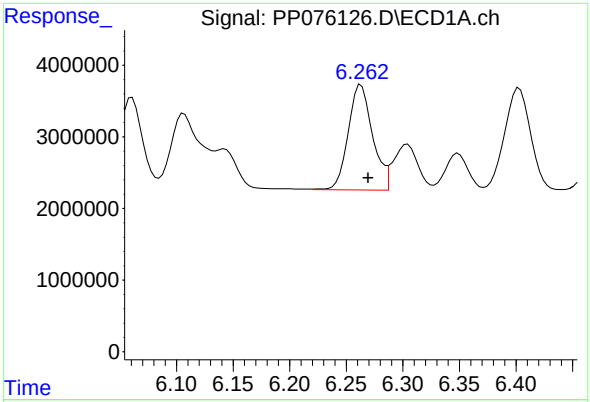

#6 AR-1016-4

R.T.: 5.971 min
Delta R.T.: -0.006 min
Response: 23501379
Conc: 517.19 ng/ml




#6 AR-1016-4

R.T.: 5.091 min
Delta R.T.: -0.005 min
Response: 105091979
Conc: 562.33 ng/ml



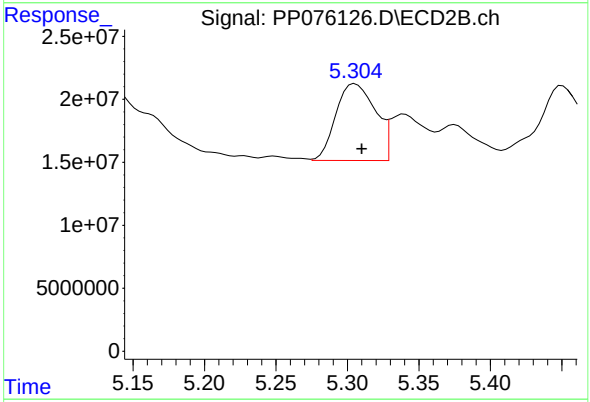

#7 AR-1016-5

R.T.: 6.263 min
Delta R.T.: -0.006 min
Response: 21993764
Conc: 506.70 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

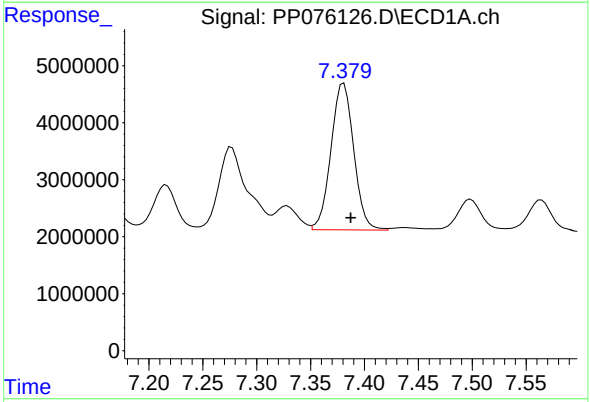
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



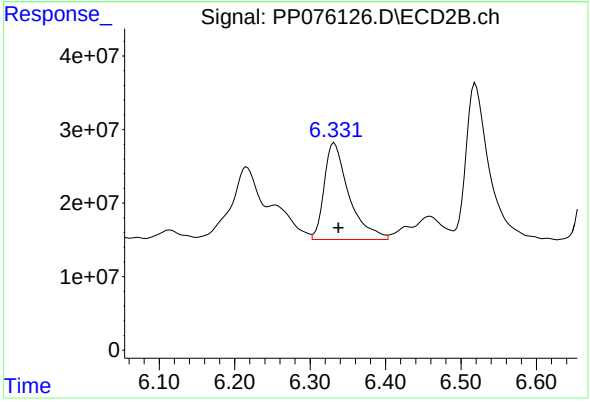

#7 AR-1016-5

R.T.: 5.305 min
Delta R.T.: -0.005 min
Response: 117466606
Conc: 515.24 ng/ml



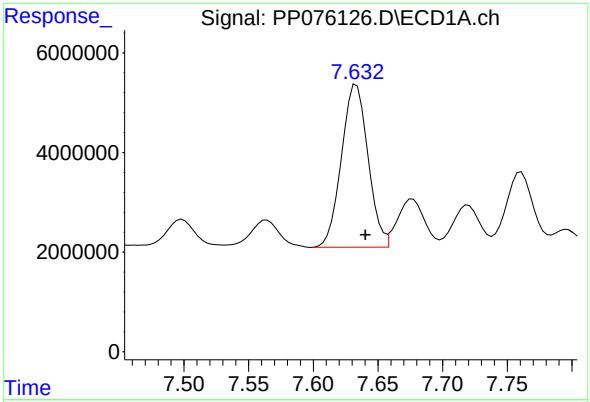

#31 AR-1260-1

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 37772229
Conc: 549.36 ng/ml




#31 AR-1260-1

R.T.: 6.332 min
Delta R.T.: -0.005 min
Response: 299468860
Conc: 546.78 ng/ml



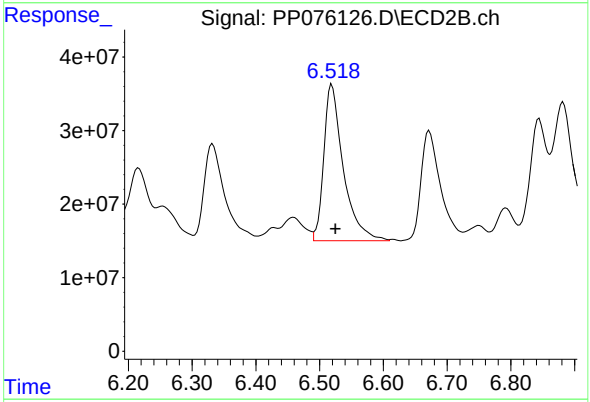

#32 AR-1260-2

R.T.: 7.633 min
Delta R.T.: -0.007 min
Response: 46692308
Conc: 521.25 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

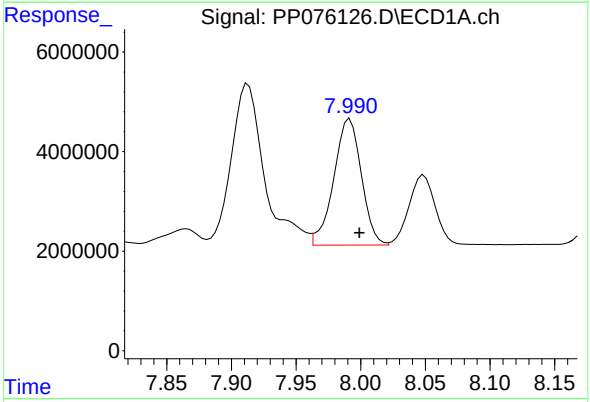
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



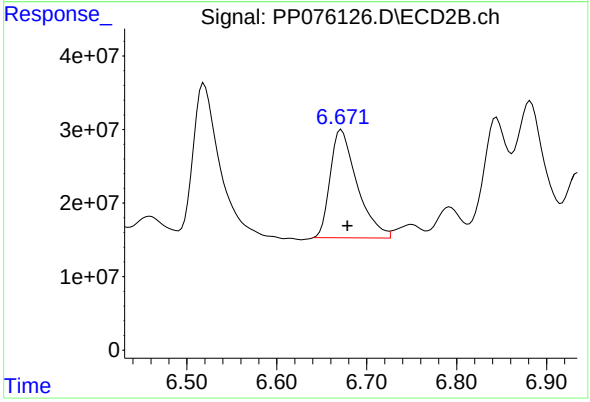

#32 AR-1260-2

R.T.: 6.519 min
Delta R.T.: -0.005 min
Response: 452612885
Conc: 556.22 ng/ml



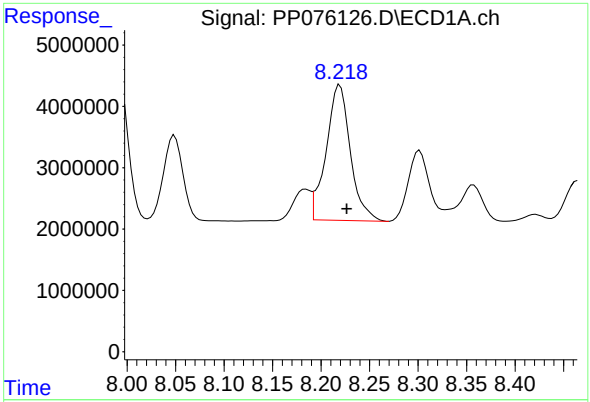

#33 AR-1260-3

R.T.: 7.992 min
Delta R.T.: -0.008 min
Response: 37670806
Conc: 543.70 ng/ml




#33 AR-1260-3

R.T.: 6.672 min
Delta R.T.: -0.006 min
Response: 305155862
Conc: 542.25 ng/ml



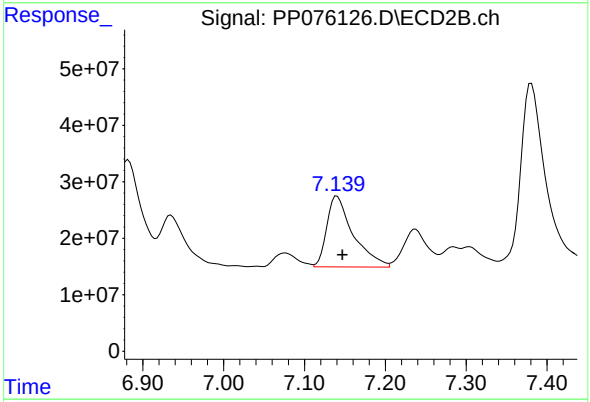

#34 AR-1260-4

R.T.: 8.219 min
Delta R.T.: -0.007 min
Response: 38324466
Conc: 558.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

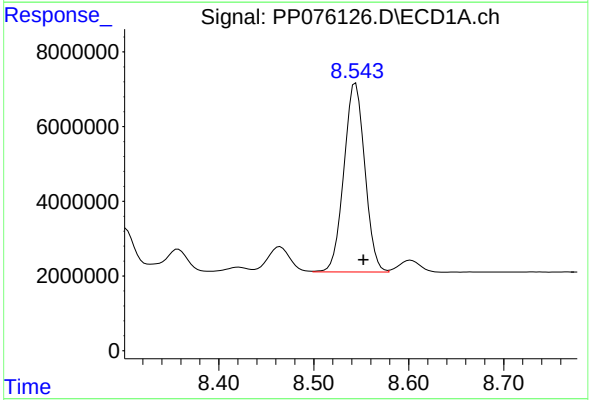
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



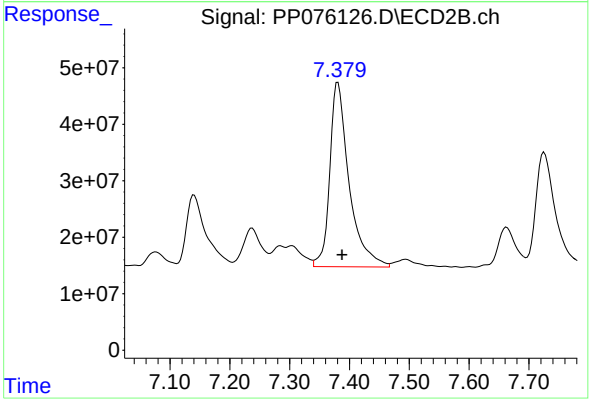

#34 AR-1260-4

R.T.: 7.140 min
Delta R.T.: -0.006 min
Response: 284970723
Conc: 548.73 ng/ml




#35 AR-1260-5

R.T.: 8.544 min
Delta R.T.: -0.008 min
Response: 77367997
Conc: 522.93 ng/ml




#35 AR-1260-5

R.T.: 7.381 min
Delta R.T.: -0.007 min
Response: 733131650
Conc: 540.84 ng/ml

Raw Data: **PQ071149.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Continuing Calib Date:** 10/27/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

**Continuing Calib Time:** 08:57 **Initial Calibration Time(s):** 08:57 16:43

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.48 | 4.48 | 4.38 | 4.58 | 0.00 |
| Aroclor-1016-2 | (2) | 4.50 | 4.50 | 4.40 | 4.60 | 0.00 |
| Aroclor-1016-3 | (3) | 4.56 | 4.56 | 4.46 | 4.66 | 0.00 |
| Aroclor-1016-4 | (4) | 4.65 | 4.65 | 4.55 | 4.75 | 0.00 |
| Aroclor-1016-5 | (5) | 4.93 | 4.93 | 4.83 | 5.03 | 0.00 |
| Aroclor-1260-1 | (1) | 6.02 | 6.02 | 5.92 | 6.12 | 0.00 |
| Aroclor-1260-2 | (2) | 6.28 | 6.28 | 6.18 | 6.38 | 0.00 |
| Aroclor-1260-3 | (3) | 6.63 | 6.63 | 6.53 | 6.73 | 0.00 |
| Aroclor-1260-4 | (4) | 6.84 | 6.84 | 6.74 | 6.94 | 0.00 |
| Aroclor-1260-5 | (5) | 7.15 | 7.15 | 7.05 | 7.25 | 0.00 |
| Tetrachloro-m-xylene | | 3.40 | 3.40 | 3.30 | 3.50 | 0.00 |
| Decachlorobiphenyl | | 8.50 | 8.50 | 8.40 | 8.60 | 0.00 |

Raw Data: **PQ071149.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Continuing Calib Date:** 10/27/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

**Continuing Calib Time:** 08:57 **Initial Calibration Time(s):** 08:57 16:43

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 3.78 | 3.78 | 3.68 | 3.88 | 0.00 |
| Aroclor-1016-2 | (2) | 3.79 | 3.79 | 3.69 | 3.89 | 0.00 |
| Aroclor-1016-3 | (3) | 3.95 | 3.95 | 3.85 | 4.05 | 0.00 |
| Aroclor-1016-4 | (4) | 4.00 | 4.00 | 3.90 | 4.10 | 0.00 |
| Aroclor-1016-5 | (5) | 4.19 | 4.20 | 4.10 | 4.30 | 0.01 |
| Aroclor-1260-1 | (1) | 5.19 | 5.19 | 5.09 | 5.29 | 0.00 |
| Aroclor-1260-2 | (2) | 5.38 | 5.38 | 5.28 | 5.48 | 0.00 |
| Aroclor-1260-3 | (3) | 5.52 | 5.52 | 5.42 | 5.62 | 0.00 |
| Aroclor-1260-4 | (4) | 5.98 | 5.98 | 5.88 | 6.08 | 0.00 |
| Aroclor-1260-5 | (5) | 6.22 | 6.22 | 6.12 | 6.32 | 0.00 |
| Tetrachloro-m-xylene | | 2.78 | 2.78 | 2.68 | 2.88 | 0.00 |
| Decachlorobiphenyl | | 7.53 | 7.53 | 7.43 | 7.63 | 0.00 |

Raw Data: **PQ071149.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

**Client Sample No.:** CCAL06 **Date Analyzed:** 10/27/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PQ071149.D **Time Analyzed:** 08:57

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.480 | 4.380 | 4.580 | 582.660 | 500.000 | 16.5 |
| Aroclor-1016-2 | 4.499 | 4.399 | 4.599 | 562.340 | 500.000 | 12.5 |
| Aroclor-1016-3 | 4.556 | 4.456 | 4.656 | 584.520 | 500.000 | 16.9 |
| Aroclor-1016-4 | 4.646 | 4.546 | 4.746 | 585.390 | 500.000 | 17.1 |
| Aroclor-1016-5 | 4.931 | 4.831 | 5.031 | 576.280 | 500.000 | 15.3 |
| Aroclor-1260-1 | 6.020 | 5.919 | 6.119 | 558.050 | 500.000 | 11.6 |
| Aroclor-1260-2 | 6.276 | 6.175 | 6.375 | 557.500 | 500.000 | 11.5 |
| Aroclor-1260-3 | 6.626 | 6.526 | 6.726 | 583.750 | 500.000 | 16.8 |
| Aroclor-1260-4 | 6.841 | 6.740 | 6.940 | 592.250 | 500.000 | 18.5 |
| Aroclor-1260-5 | 7.146 | 7.045 | 7.245 | 579.210 | 500.000 | 15.8 |
| Decachlorobiphenyl | 8.497 | 8.396 | 8.596 | 59.340 | 50.000 | 18.7 |
| Tetrachloro-m-xylene | 3.400 | 3.300 | 3.500 | 57.140 | 50.000 | 14.3 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

**Client Sample No.:** CCAL06 **Date Analyzed:** 10/27/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PQ071149.D **Time Analyzed:** 08:57

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 3.776 | 3.678 | 3.878 | 461.700 | 500.000 | -7.7 |
| Aroclor-1016-2 | 3.791 | 3.693 | 3.893 | 465.260 | 500.000 | -6.9 |
| Aroclor-1016-3 | 3.951 | 3.853 | 4.053 | 480.210 | 500.000 | -4.0 |
| Aroclor-1016-4 | 4.000 | 3.902 | 4.102 | 488.300 | 500.000 | -2.3 |
| Aroclor-1016-5 | 4.194 | 4.097 | 4.297 | 480.390 | 500.000 | -3.9 |
| Aroclor-1260-1 | 5.187 | 5.089 | 5.289 | 477.270 | 500.000 | -4.5 |
| Aroclor-1260-2 | 5.376 | 5.278 | 5.478 | 476.660 | 500.000 | -4.7 |
| Aroclor-1260-3 | 5.517 | 5.419 | 5.619 | 480.230 | 500.000 | -4.0 |
| Aroclor-1260-4 | 5.977 | 5.879 | 6.079 | 481.030 | 500.000 | -3.8 |
| Aroclor-1260-5 | 6.222 | 6.124 | 6.324 | 480.940 | 500.000 | -3.8 |
| Decachlorobiphenyl | 7.531 | 7.433 | 7.633 | 56.210 | 50.000 | 12.4 |
| Tetrachloro-m-xylene | 2.776 | 2.678 | 2.878 | 49.690 | 50.000 | -0.6 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 08:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:27:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 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... | 3.400 | 2.776 | 248.6E6 | 252.4E6 | 57.145 | 49.691 |
| 2) | SA Decachlor... | 8.497 | 7.531 | 172.3E6 | 283.8E6 | 59.344 | 56.205 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.480 | 3.776 | 95639952 | 103.4E6 | 582.659 | 461.704 |
| 4) | L1 AR-1016-2 | 4.499 | 3.791 | 144.1E6 | 158.2E6 | 562.335 | 465.258 |
| 5) | L1 AR-1016-3 | 4.556 | 3.951 | 93008322 | 87331257 | 584.523 | 480.214 |
| 6) | L1 AR-1016-4 | 4.646 | 4.000 | 76059348 | 76865356 | 585.390 | 488.305 |
| 7) | L1 AR-1016-5 | 4.931 | 4.194 | 74226869 | 92158770 | 576.283 | 480.389 |
| 31) | L7 AR-1260-1 | 6.020 | 5.187 | 130.8E6 | 172.0E6 | 558.047 | 477.273 |
| 32) | L7 AR-1260-2 | 6.276 | 5.376 | 154.2E6 | 209.7E6 | 557.496 | 476.659 |
| 33) | L7 AR-1260-3 | 6.626 | 5.517 | 116.3E6 | 199.3E6 | 583.746 | 480.230 |
| 34) | L7 AR-1260-4 | 6.841 | 5.977 | 127.3E6 | 173.1E6 | 592.247 | 481.031 |
| 35) | L7 AR-1260-5 | 7.146 | 6.222 | 251.2E6 | 404.1E6 | 579.210 | 480.935 |

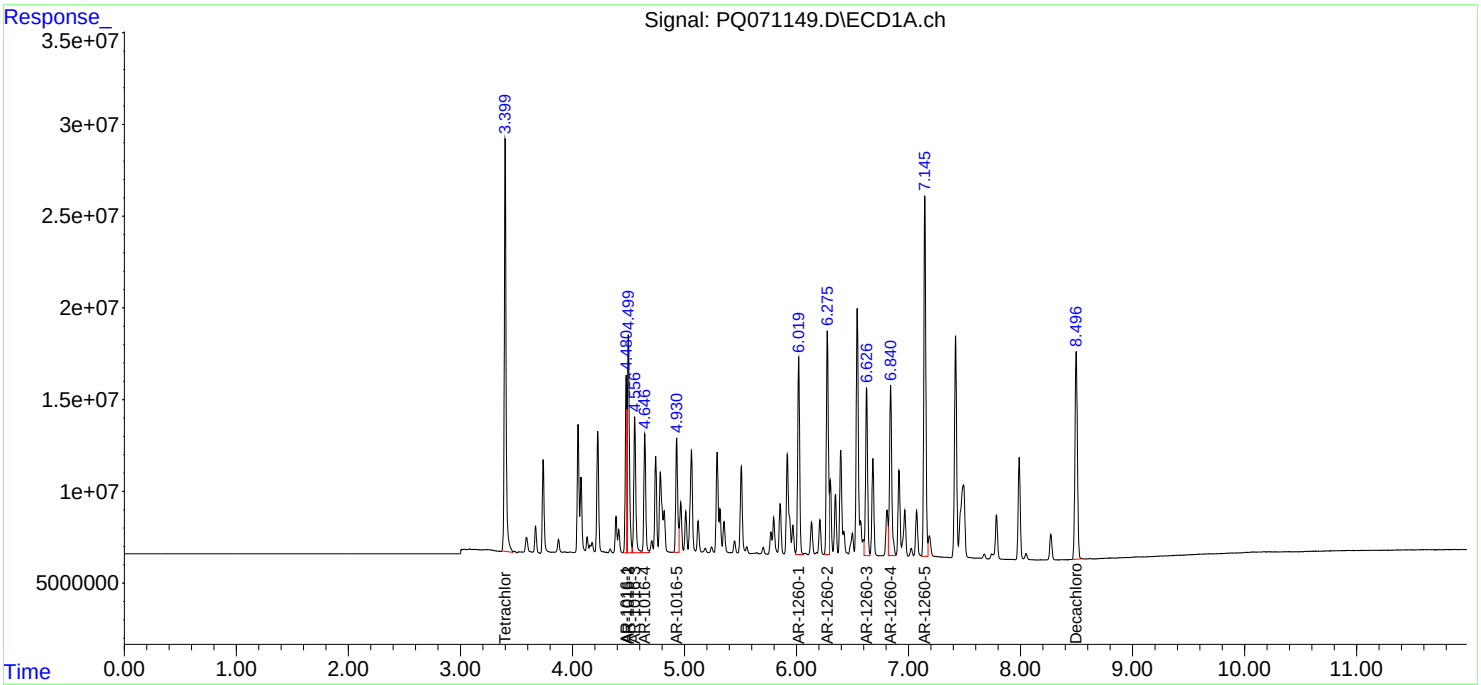
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

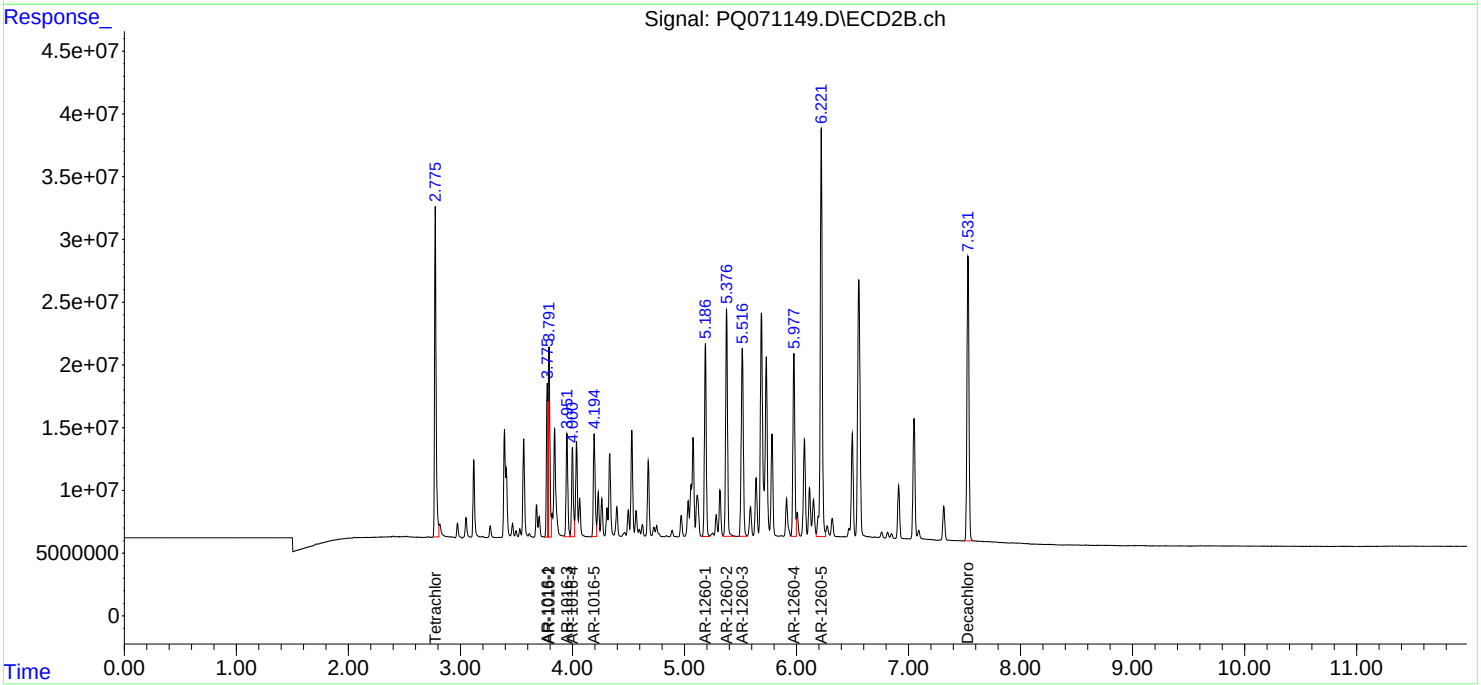
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 08:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

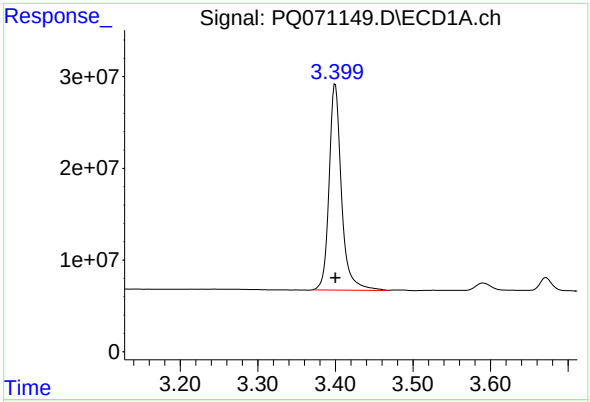
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:27:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 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



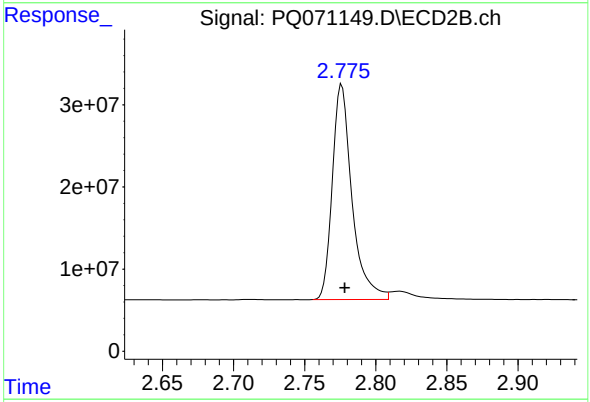






#1 Tetrachloro-m-xylene

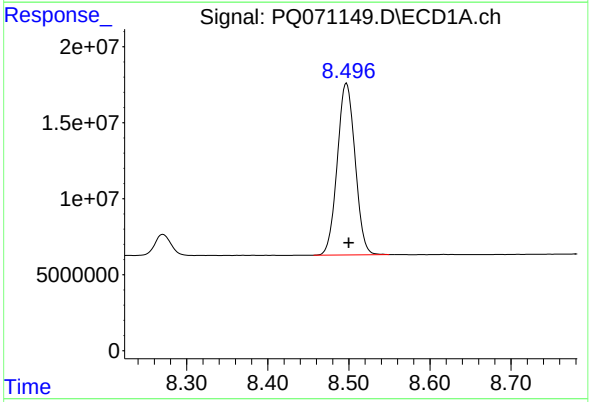
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 248596384
Conc: 57.14 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500



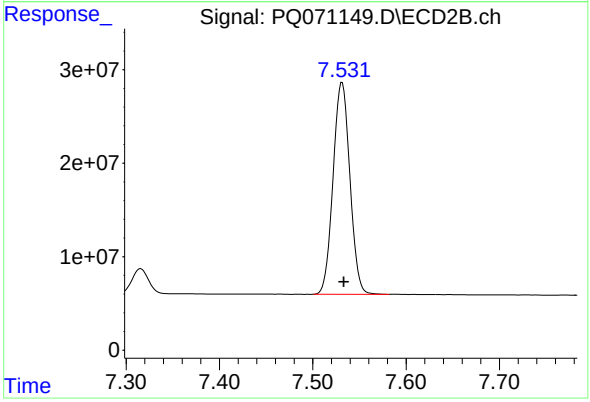

#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 252430192
Conc: 49.69 ng/ml



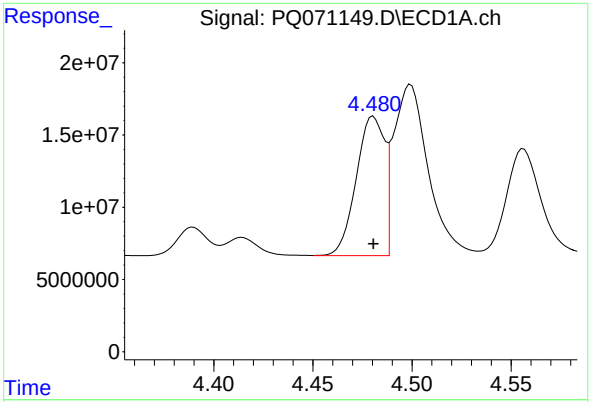

#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 172334791
Conc: 59.34 ng/ml




#2 Decachlorobiphenyl

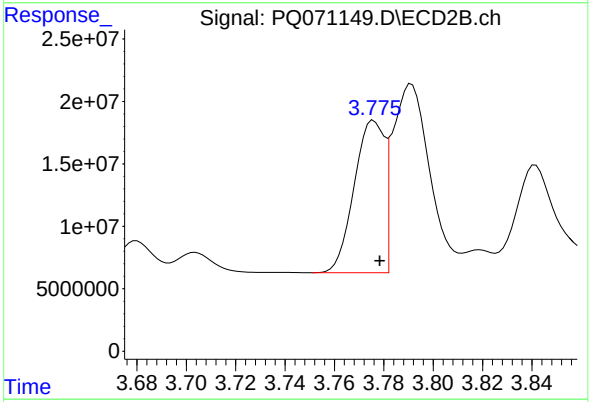
R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 283812510
Conc: 56.21 ng/ml




#3 AR-1016-1

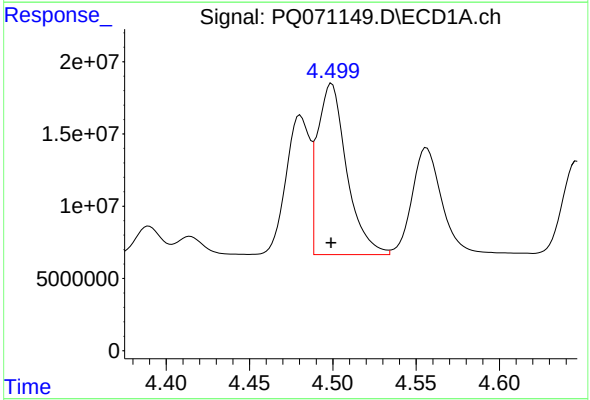
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 95639952
Conc: 582.66 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500



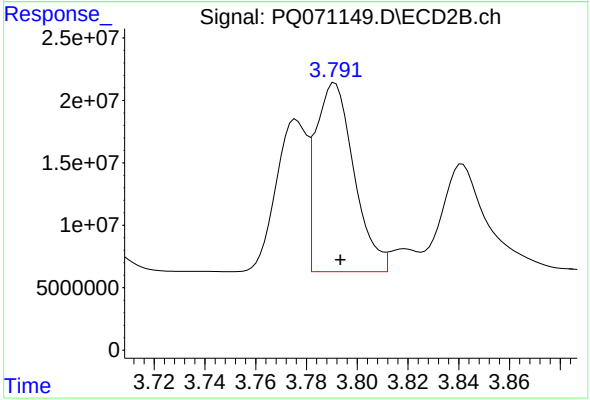

#3 AR-1016-1

R.T.: 3.776 min
Delta R.T.: -0.002 min
Response: 103422635
Conc: 461.70 ng/ml



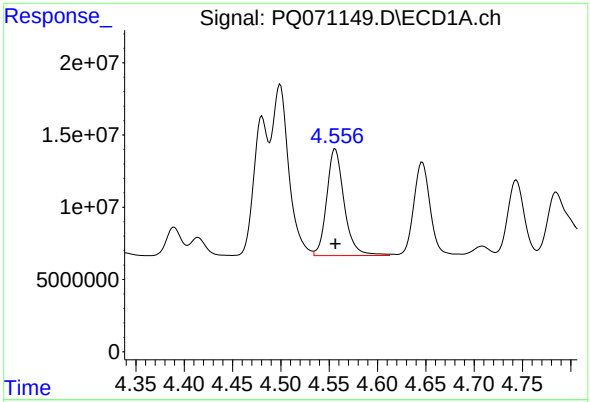

#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 144123373
Conc: 562.34 ng/ml




#4 AR-1016-2

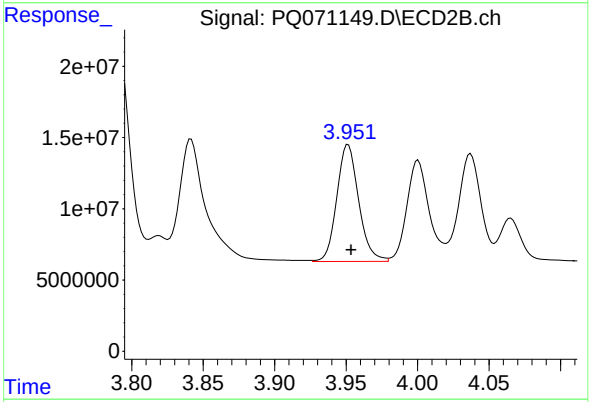
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 158244896
Conc: 465.26 ng/ml




#5 AR-1016-3

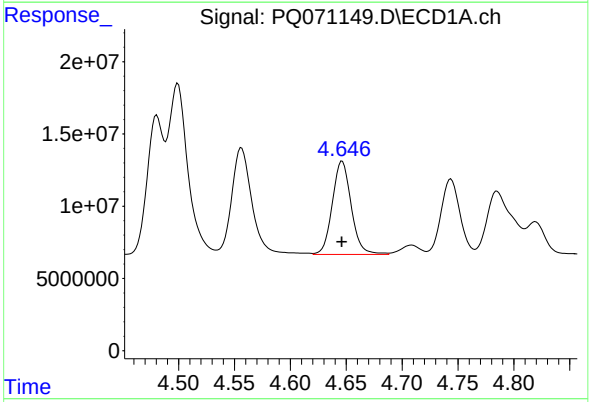
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 93008322
Conc: 584.52 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500



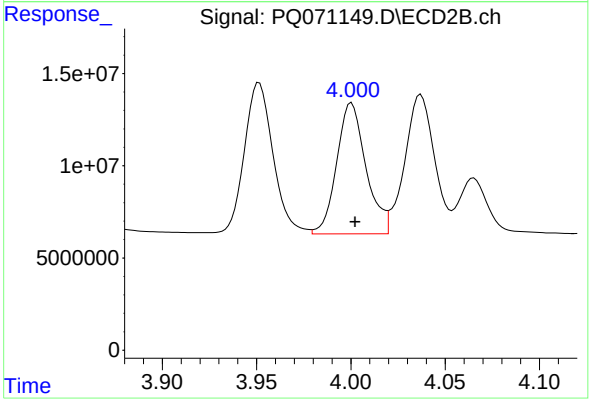

#5 AR-1016-3

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 87331257
Conc: 480.21 ng/ml



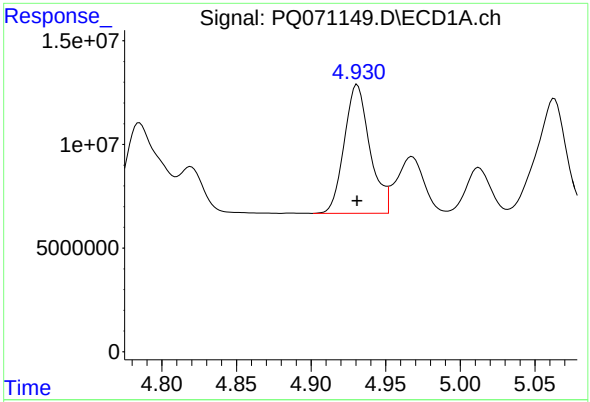

#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 76059348
Conc: 585.39 ng/ml




#6 AR-1016-4

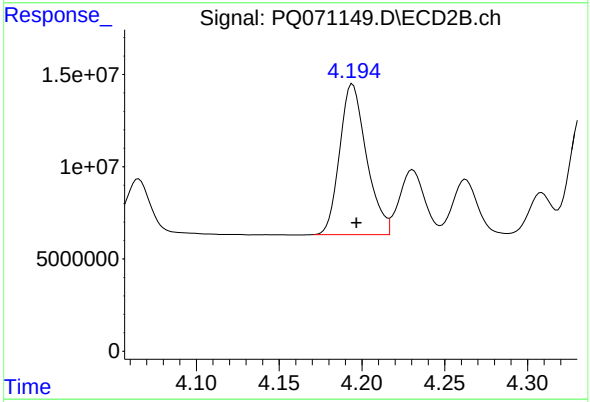
R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 76865356
Conc: 488.30 ng/ml




#7 AR-1016-5

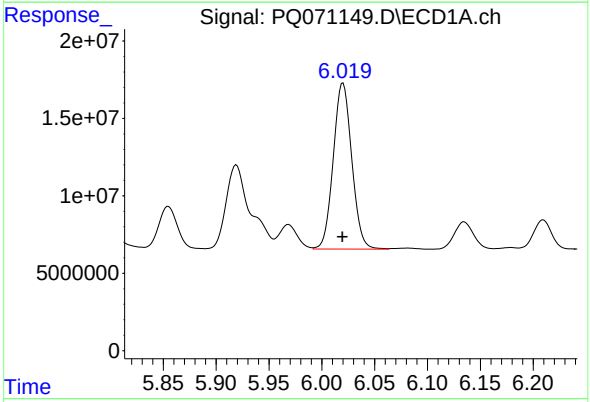
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 74226869
Conc: 576.28 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500



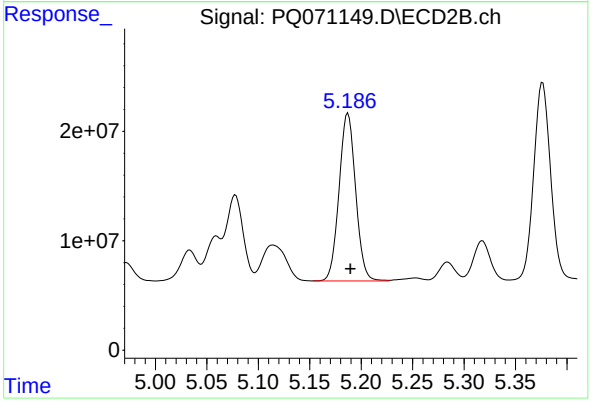

#7 AR-1016-5

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 92158770
Conc: 480.39 ng/ml



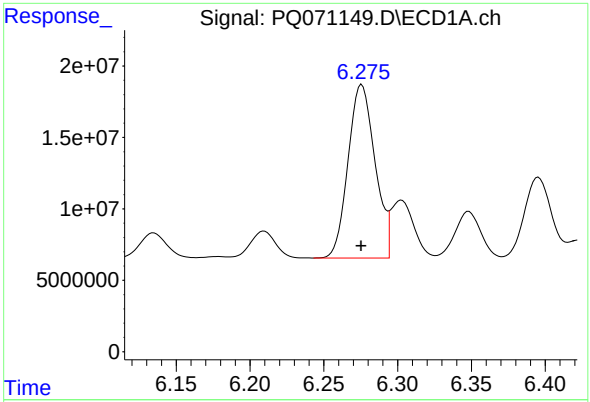

#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 130845896
Conc: 558.05 ng/ml




#31 AR-1260-1

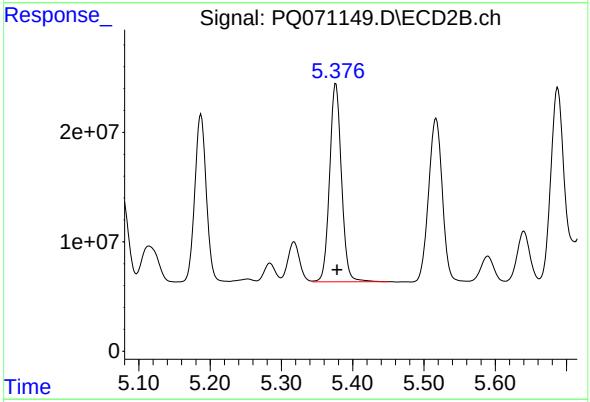
R.T.: 5.187 min
Delta R.T.: -0.002 min
Response: 172012081
Conc: 477.27 ng/ml




#32 AR-1260-2

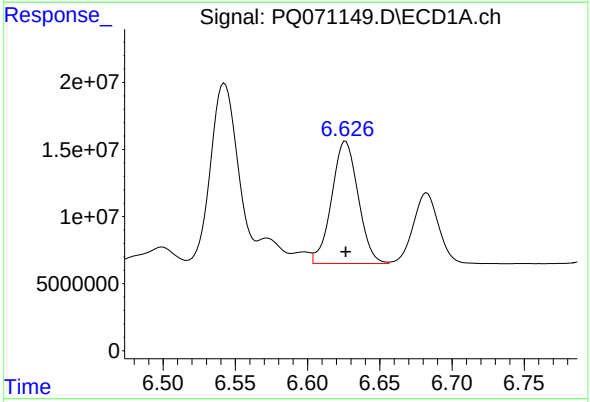
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 154208521
Conc: 557.50 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500



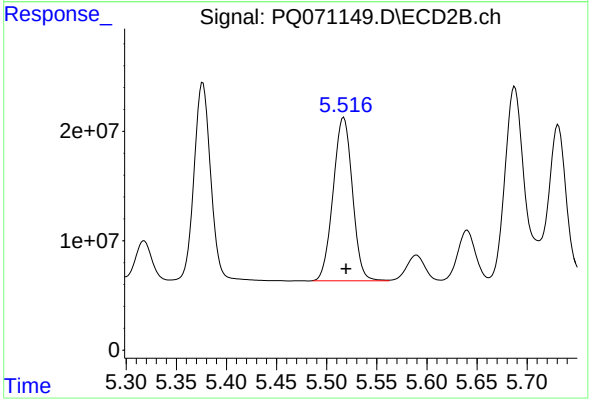

#32 AR-1260-2

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 209727099
Conc: 476.66 ng/ml



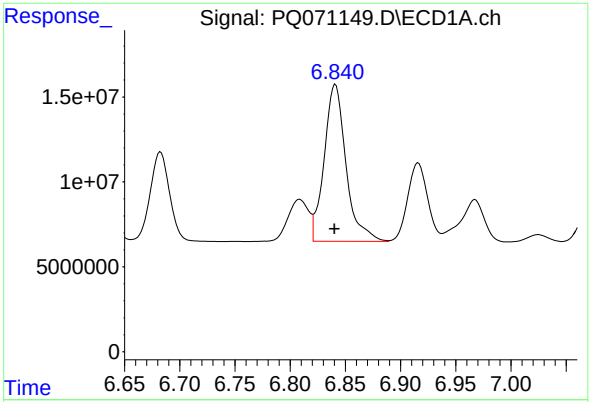

#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 116345413
Conc: 583.75 ng/ml




#33 AR-1260-3

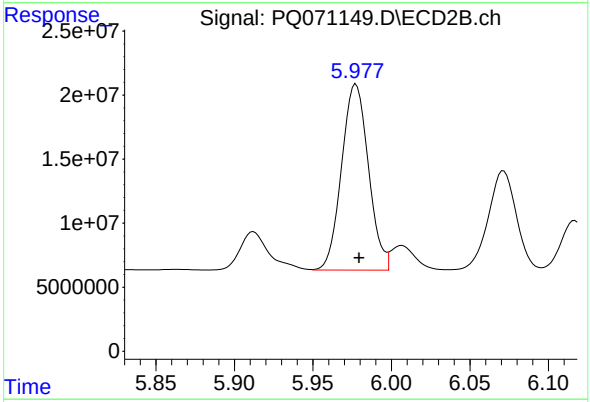
R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 199294991
Conc: 480.23 ng/ml




#34 AR-1260-4

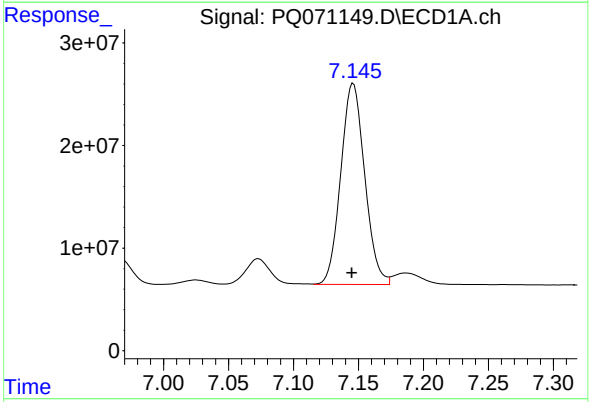
R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 127264014
Conc: 592.25 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500



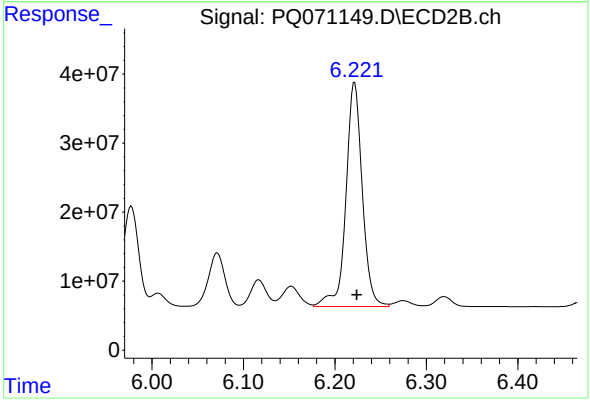

#34 AR-1260-4

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 173057214
Conc: 481.03 ng/ml




#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.001 min
Response: 251248178
Conc: 579.21 ng/ml




#35 AR-1260-5

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 404121248
Conc: 480.94 ng/ml

Raw Data: **PQ071161.D**

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Continuing Calib Date:** 10/27/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

**Continuing Calib Time:** 12:35 **Initial Calibration Time(s):** 08:57 16:43

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.48 | 4.48 | 4.38 | 4.58 | 0.00 |
| Aroclor-1016-2 | (2) | 4.50 | 4.50 | 4.40 | 4.60 | 0.00 |
| Aroclor-1016-3 | (3) | 4.56 | 4.56 | 4.46 | 4.66 | 0.00 |
| Aroclor-1016-4 | (4) | 4.65 | 4.65 | 4.55 | 4.75 | 0.01 |
| Aroclor-1016-5 | (5) | 4.93 | 4.93 | 4.83 | 5.03 | 0.00 |
| Aroclor-1260-1 | (1) | 6.02 | 6.02 | 5.92 | 6.12 | 0.00 |
| Aroclor-1260-2 | (2) | 6.27 | 6.28 | 6.18 | 6.38 | 0.01 |
| Aroclor-1260-3 | (3) | 6.63 | 6.63 | 6.53 | 6.73 | 0.00 |
| Aroclor-1260-4 | (4) | 6.84 | 6.84 | 6.74 | 6.94 | 0.00 |
| Aroclor-1260-5 | (5) | 7.15 | 7.15 | 7.05 | 7.25 | 0.01 |
| Tetrachloro-m-xylene | | 3.40 | 3.40 | 3.30 | 3.50 | 0.00 |
| Decachlorobiphenyl | | 8.50 | 8.50 | 8.40 | 8.60 | 0.01 |

Raw Data: **PQ071161.D**

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Fax : 908 789 8922

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**Continuing Calib Date:** 10/27/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

**Continuing Calib Time:** 12:35 **Initial Calibration Time(s):** 08:57 16:43

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 3.78 | 3.78 | 3.68 | 3.88 | 0.00 |
| Aroclor-1016-2 | (2) | 3.79 | 3.79 | 3.69 | 3.89 | 0.00 |
| Aroclor-1016-3 | (3) | 3.95 | 3.95 | 3.85 | 4.05 | 0.00 |
| Aroclor-1016-4 | (4) | 4.00 | 4.00 | 3.90 | 4.10 | 0.00 |
| Aroclor-1016-5 | (5) | 4.20 | 4.20 | 4.10 | 4.30 | 0.00 |
| Aroclor-1260-1 | (1) | 5.19 | 5.19 | 5.09 | 5.29 | 0.00 |
| Aroclor-1260-2 | (2) | 5.38 | 5.38 | 5.28 | 5.48 | 0.00 |
| Aroclor-1260-3 | (3) | 5.52 | 5.52 | 5.42 | 5.62 | 0.00 |
| Aroclor-1260-4 | (4) | 5.98 | 5.98 | 5.88 | 6.08 | 0.00 |
| Aroclor-1260-5 | (5) | 6.22 | 6.22 | 6.12 | 6.32 | 0.00 |
| Tetrachloro-m-xylene | | 2.78 | 2.78 | 2.68 | 2.88 | 0.00 |
| Decachlorobiphenyl | | 7.53 | 7.53 | 7.43 | 7.63 | 0.00 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

**Client Sample No.:** CCAL07 **Date Analyzed:** 10/27/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PQ071161.D **Time Analyzed:** 12:35

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.479 | 4.380 | 4.580 | 550.580 | 500.000 | 10.1 |
| Aroclor-1016-2 | 4.498 | 4.399 | 4.599 | 559.440 | 500.000 | 11.9 |
| Aroclor-1016-3 | 4.556 | 4.456 | 4.656 | 571.120 | 500.000 | 14.2 |
| Aroclor-1016-4 | 4.645 | 4.546 | 4.746 | 570.660 | 500.000 | 14.1 |
| Aroclor-1016-5 | 4.930 | 4.831 | 5.031 | 565.870 | 500.000 | 13.2 |
| Aroclor-1260-1 | 6.019 | 5.919 | 6.119 | 557.440 | 500.000 | 11.5 |
| Aroclor-1260-2 | 6.274 | 6.175 | 6.375 | 551.940 | 500.000 | 10.4 |
| Aroclor-1260-3 | 6.626 | 6.526 | 6.726 | 579.440 | 500.000 | 15.9 |
| Aroclor-1260-4 | 6.839 | 6.740 | 6.940 | 591.430 | 500.000 | 18.3 |
| Aroclor-1260-5 | 7.145 | 7.045 | 7.245 | 581.000 | 500.000 | 16.2 |
| Decachlorobiphenyl | 8.495 | 8.396 | 8.596 | 59.520 | 50.000 | 19.0 |
| Tetrachloro-m-xylene | 3.399 | 3.300 | 3.500 | 56.350 | 50.000 | 12.7 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02

**Lab Code:** ACE **SDG NO.:** Q3447

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

**Client Sample No.:** CCAL07 **Date Analyzed:** 10/27/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PQ071161.D **Time Analyzed:** 12:35

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 3.776 | 3.678 | 3.878 | 459.340 | 500.000 | -8.1 |
| Aroclor-1016-2 | 3.791 | 3.693 | 3.893 | 461.520 | 500.000 | -7.7 |
| Aroclor-1016-3 | 3.951 | 3.853 | 4.053 | 473.930 | 500.000 | -5.2 |
| Aroclor-1016-4 | 4.000 | 3.902 | 4.102 | 480.760 | 500.000 | -3.8 |
| Aroclor-1016-5 | 4.195 | 4.097 | 4.297 | 472.690 | 500.000 | -5.5 |
| Aroclor-1260-1 | 5.186 | 5.089 | 5.289 | 469.950 | 500.000 | -6.0 |
| Aroclor-1260-2 | 5.376 | 5.278 | 5.478 | 469.430 | 500.000 | -6.1 |
| Aroclor-1260-3 | 5.517 | 5.419 | 5.619 | 470.970 | 500.000 | -5.8 |
| Aroclor-1260-4 | 5.977 | 5.879 | 6.079 | 477.010 | 500.000 | -4.6 |
| Aroclor-1260-5 | 6.221 | 6.124 | 6.324 | 476.200 | 500.000 | -4.8 |
| Decachlorobiphenyl | 7.531 | 7.433 | 7.633 | 55.990 | 50.000 | 12.0 |
| Tetrachloro-m-xylene | 2.776 | 2.678 | 2.878 | 50.180 | 50.000 | 0.4 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071161.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 12:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:58:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 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... | 3.399 | 2.776 | 245.1E6 | 254.9E6 | 56.346 | 50.181 |
| 2) | SA Decachlor... | 8.495 | 7.531 | 172.8E6 | 282.7E6 | 59.521 | 55.992 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.479 | 3.776 | 90374544 | 102.9E6 | 550.581 | 459.336 |
| 4) | L1 AR-1016-2 | 4.498 | 3.791 | 143.4E6 | 157.0E6 | 559.440 | 461.520 |
| 5) | L1 AR-1016-3 | 4.556 | 3.951 | 90876424 | 86188973 | 571.125 | 473.933 |
| 6) | L1 AR-1016-4 | 4.645 | 4.000 | 74144880 | 75678013 | 570.656 | 480.762 |
| 7) | L1 AR-1016-5 | 4.930 | 4.195 | 72885811 | 90681279 | 565.871 | 472.688 |
| 31) | L7 AR-1260-1 | 6.019 | 5.186 | 130.7E6 | 169.4E6 | 557.445 | 469.948 |
| 32) | L7 AR-1260-2 | 6.274 | 5.376 | 152.7E6 | 206.5E6 | 551.943 | 469.434 |
| 33) | L7 AR-1260-3 | 6.626 | 5.517 | 115.5E6 | 195.5E6 | 579.442 | 470.969 |
| 34) | L7 AR-1260-4 | 6.839 | 5.977 | 127.1E6 | 171.6E6 | 591.425 | 477.012 |
| 35) | L7 AR-1260-5 | 7.145 | 6.221 | 252.0E6 | 400.1E6 | 580.996 | 476.203 |

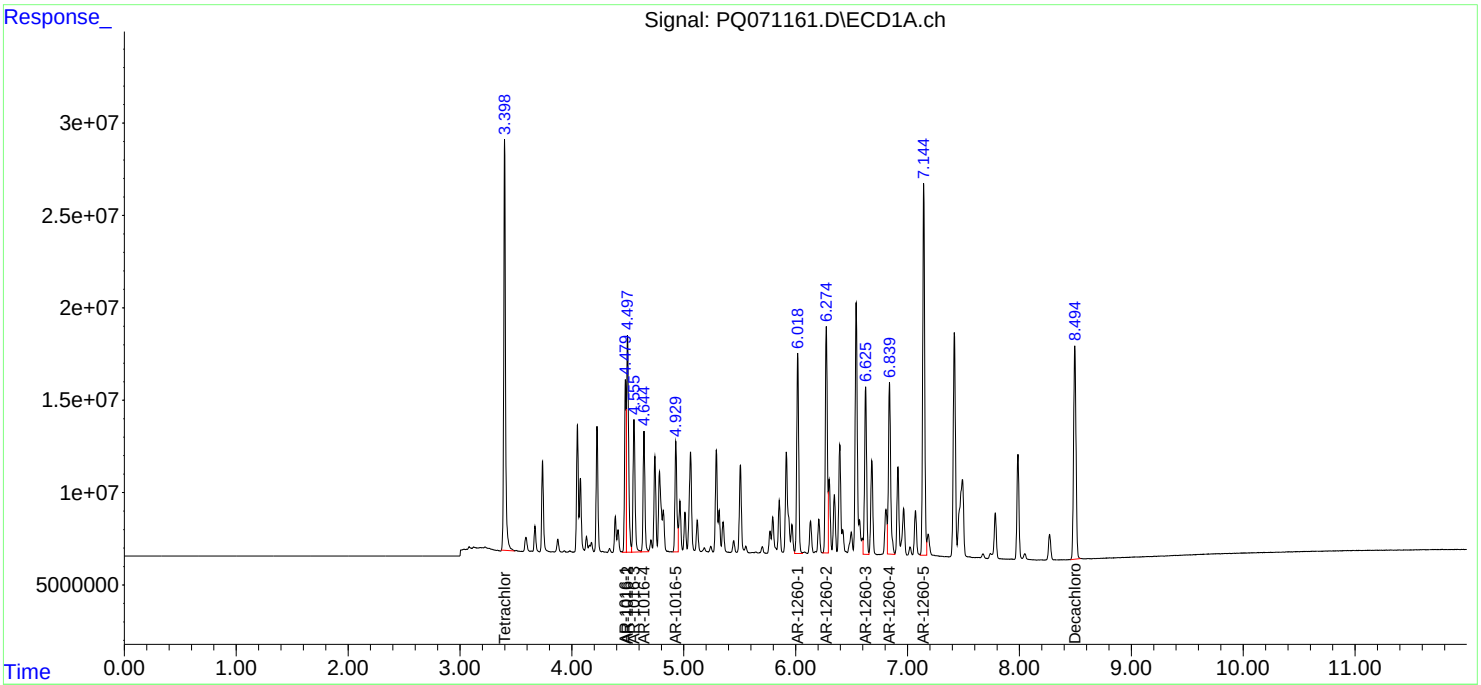
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

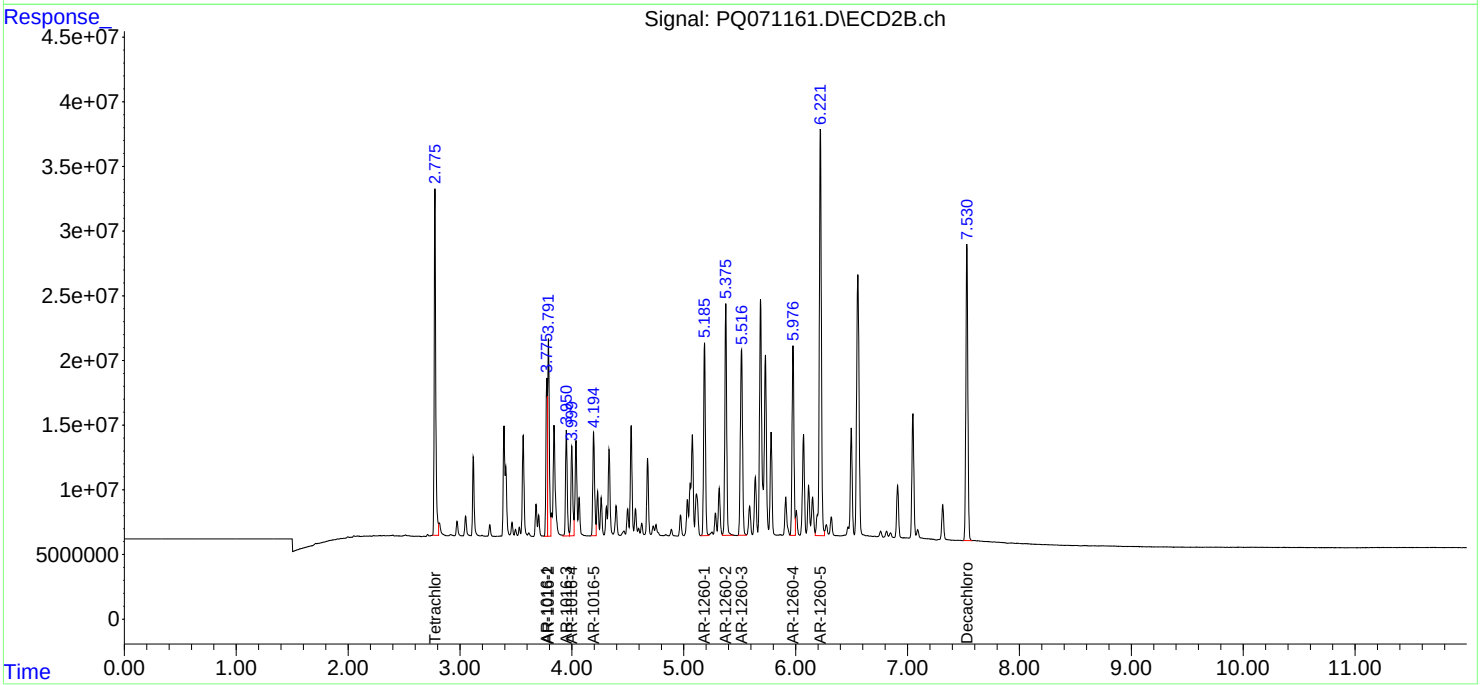
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071161.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 12:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

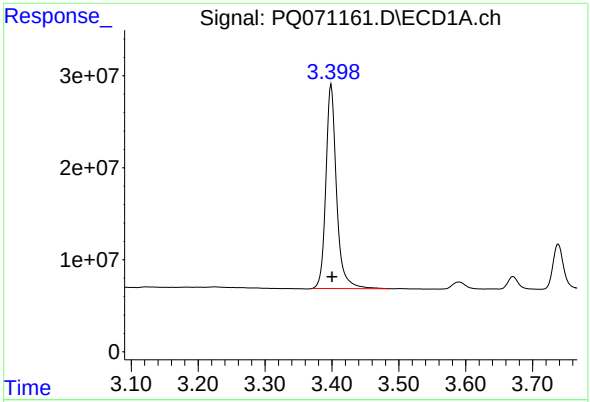
**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:58:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 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



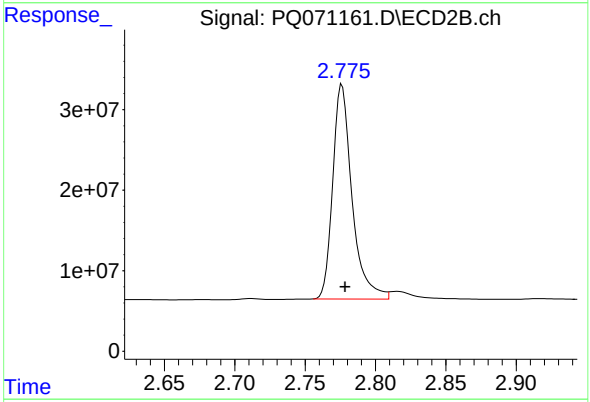






#1 Tetrachloro-m-xylene

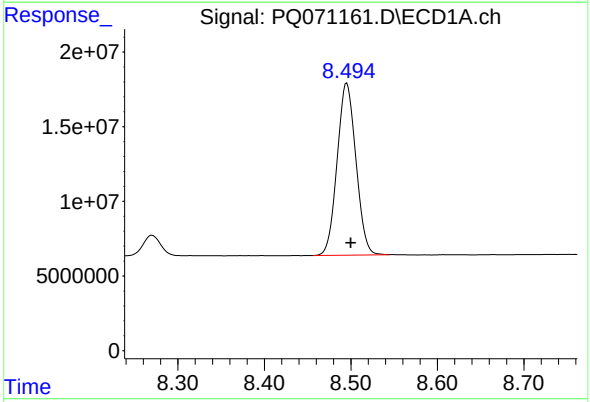
R.T.: 3.399 min
Delta R.T.: -0.001 min
Response: 245120024
Conc: 56.35 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500



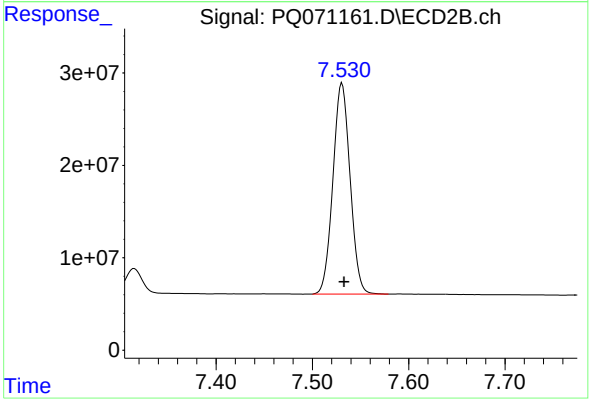

#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 254918046
Conc: 50.18 ng/ml



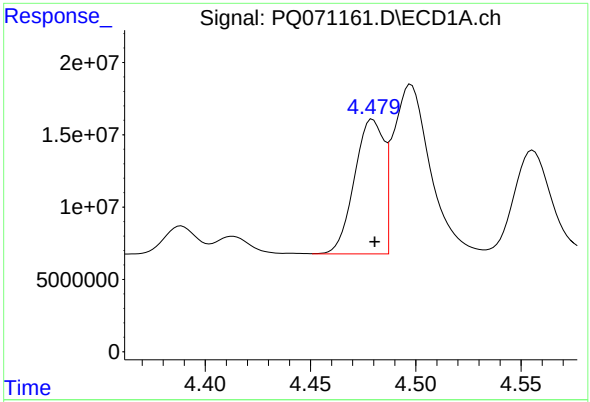

#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: -0.005 min
Response: 172847440
Conc: 59.52 ng/ml




#2 Decachlorobiphenyl

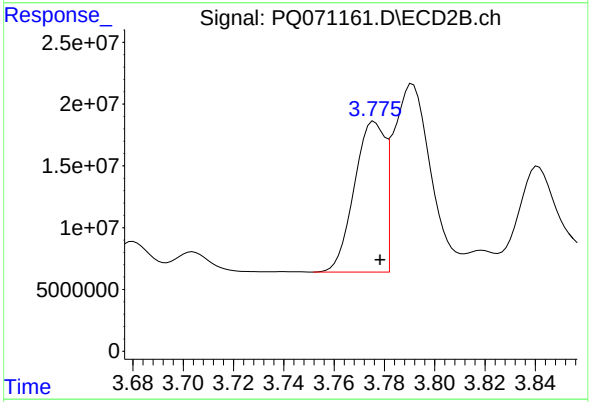
R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 282733560
Conc: 55.99 ng/ml




#3 AR-1016-1

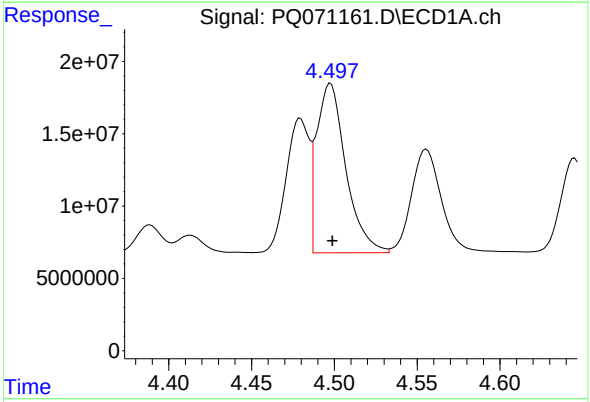
R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 90374544
Conc: 550.58 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500



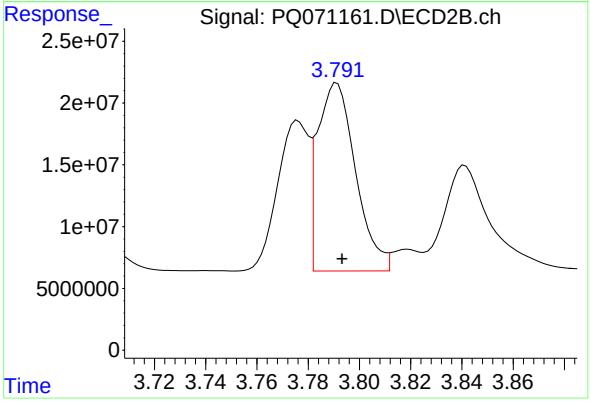

#3 AR-1016-1

R.T.: 3.776 min
Delta R.T.: -0.002 min
Response: 102892229
Conc: 459.34 ng/ml



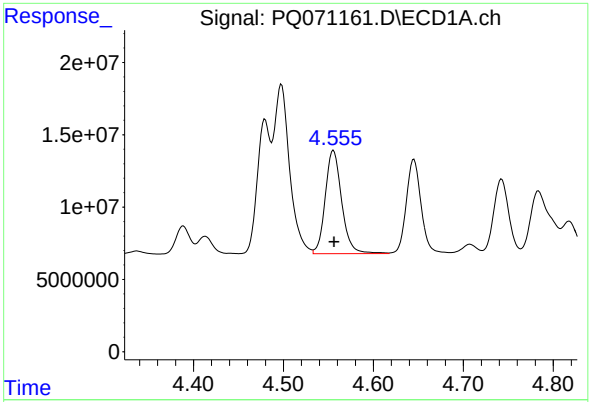

#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 143381427
Conc: 559.44 ng/ml




#4 AR-1016-2

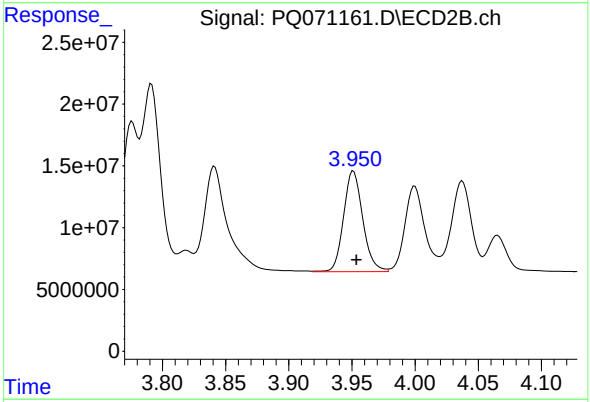
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 156973607
Conc: 461.52 ng/ml




#5 AR-1016-3

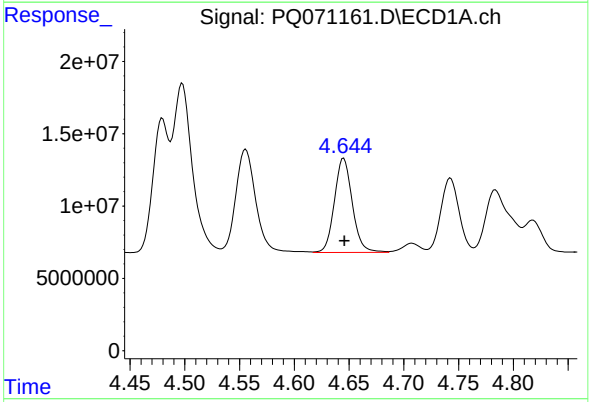
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 90876424
Conc: 571.12 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500



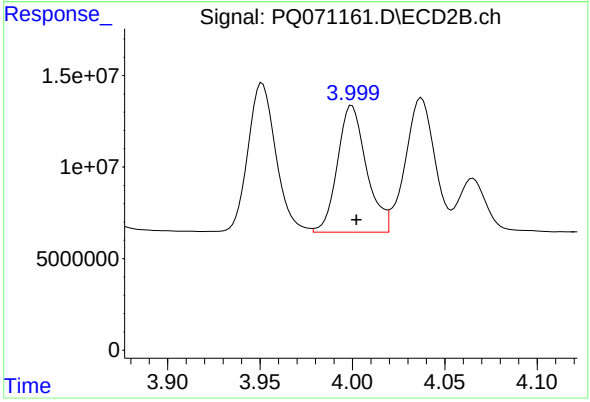

#5 AR-1016-3

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 86188973
Conc: 473.93 ng/ml



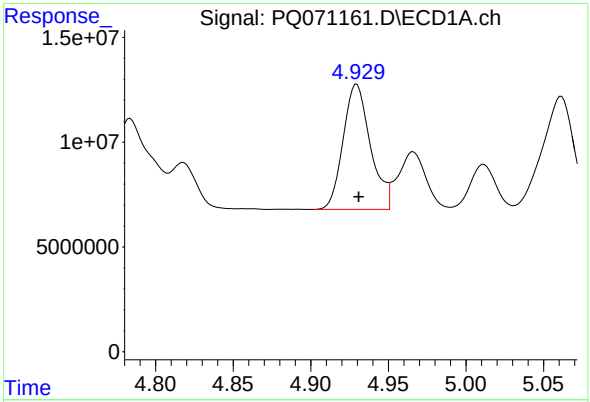

#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 74144880
Conc: 570.66 ng/ml




#6 AR-1016-4

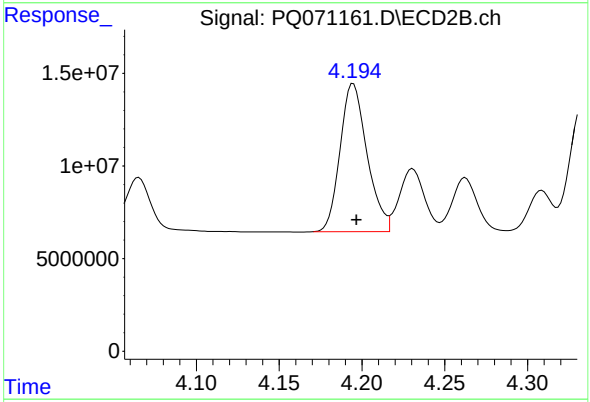
R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 75678013
Conc: 480.76 ng/ml




#7 AR-1016-5

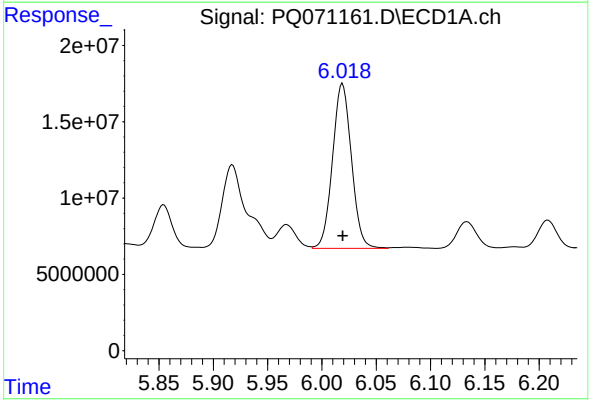
R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 72885811
Conc: 565.87 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500



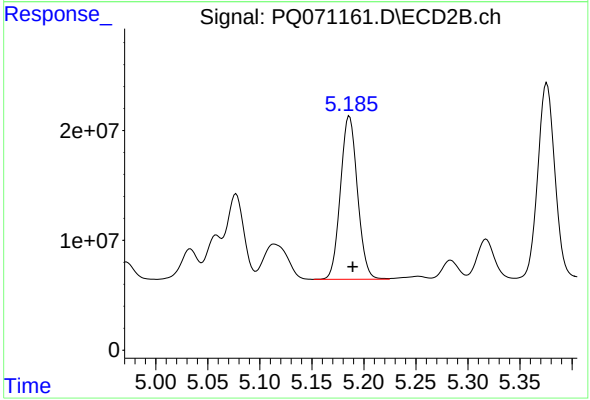

#7 AR-1016-5

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 90681279
Conc: 472.69 ng/ml



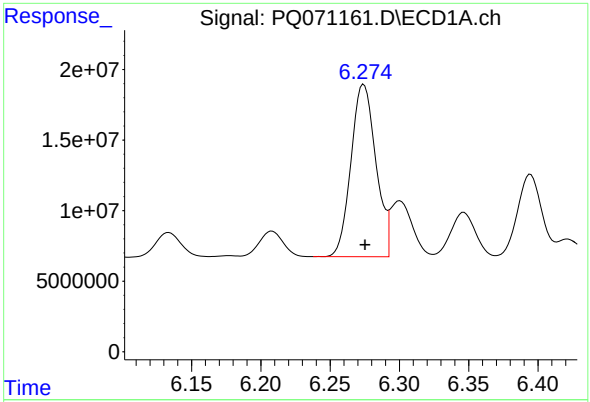

#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 130704715
Conc: 557.44 ng/ml




#31 AR-1260-1

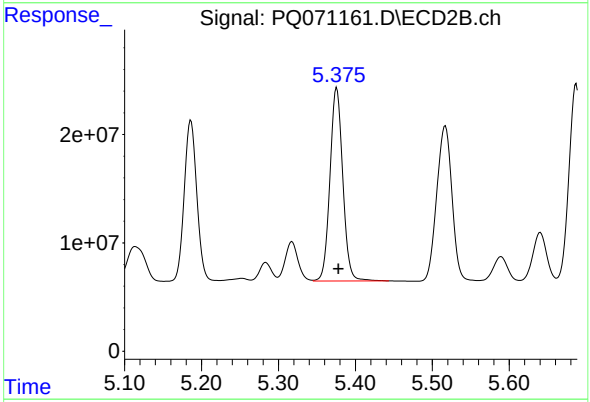
R.T.: 5.186 min
Delta R.T.: -0.003 min
Response: 169371960
Conc: 469.95 ng/ml




#32 AR-1260-2

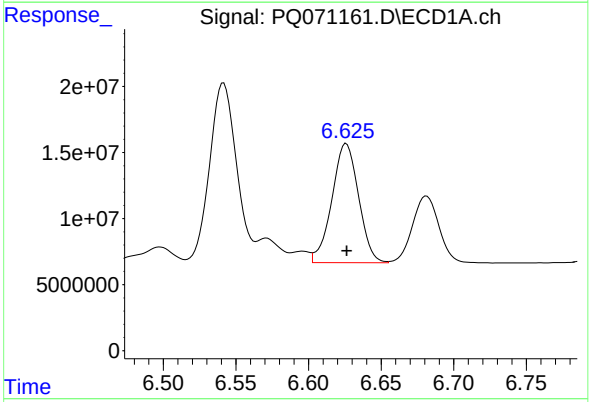
R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 152672336
Conc: 551.94 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500



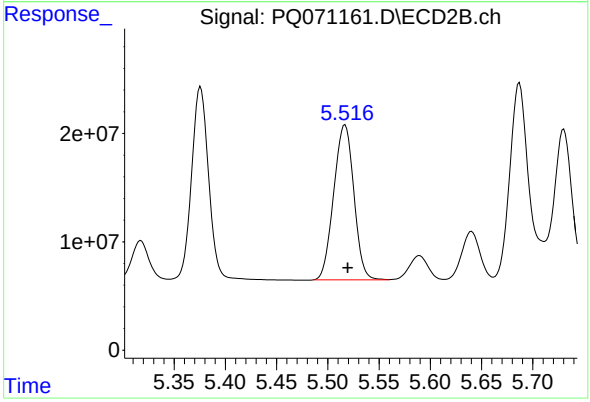

#32 AR-1260-2

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 206548048
Conc: 469.43 ng/ml



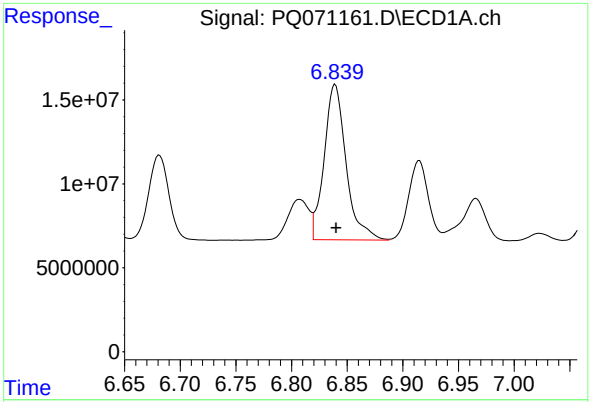

#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 115487585
Conc: 579.44 ng/ml




#33 AR-1260-3

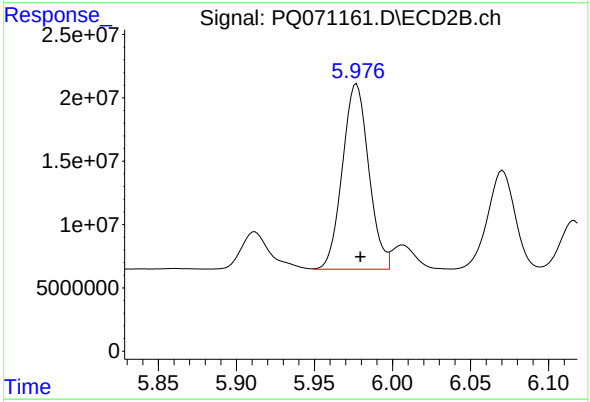
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 195452019
Conc: 470.97 ng/ml




#34 AR-1260-4

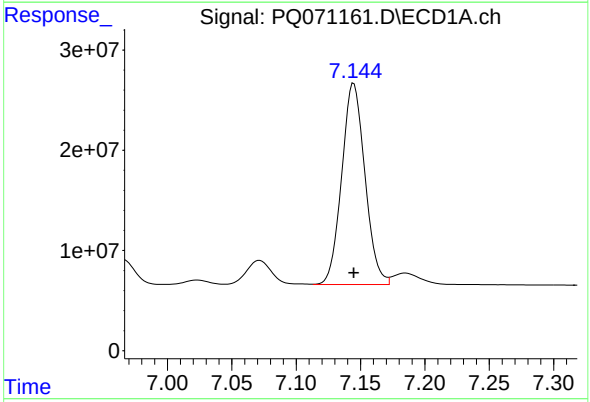
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 127087351
Conc: 591.43 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500



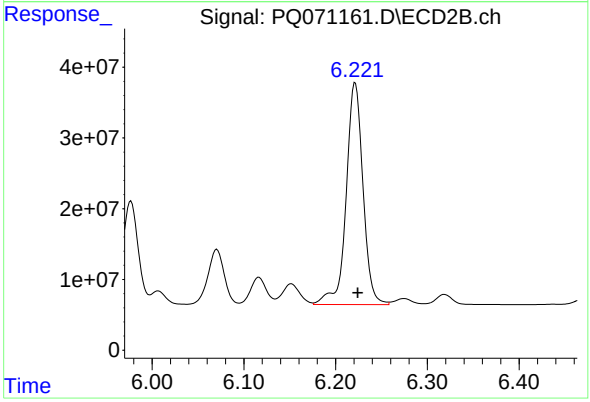

#34 AR-1260-4

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 171611128
Conc: 477.01 ng/ml




#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 252022828
Conc: 581.00 ng/ml




#35 AR-1260-5

R.T.: 6.221 min
Delta R.T.: -0.003 min
Response: 400145221
Conc: 476.20 ng/ml

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

# Analytical Sequence

**Client:** Weston Solutions, Inc. **SDG No.:** Q3447

**Project:** RFP 905 **Instrument ID:** ECD_P

**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/21/2025 10/21/2025

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

| CLIENT ID | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DATAFILE | DCB RT # | TCX RT # |
|---|---|---|---|---|---|---|
| I.BLK | I.BLK | 10/21/2025 | 08:49 | PP075887.D | 10.42 | 4.64 |
| AR1660ICC1000 | AR1660ICC1000 | 10/21/2025 | 09:06 | PP075888.D | 10.42 | 4.65 |
| AR1660ICC750 | AR1660ICC750 | 10/21/2025 | 09:22 | PP075889.D | 10.42 | 4.64 |
| AR1660ICC500 | AR1660ICC500 | 10/21/2025 | 09:38 | PP075890.D | 10.42 | 4.64 |
| AR1660ICC250 | AR1660ICC250 | 10/21/2025 | 09:54 | PP075891.D | 10.42 | 4.65 |
| AR1660ICC050 | AR1660ICC050 | 10/21/2025 | 10:11 | PP075892.D | 10.42 | 4.65 |
| AR1221ICC500 | AR1221ICC500 | 10/21/2025 | 10:27 | PP075893.D | 10.42 | 4.64 |
| AR1232ICC500 | AR1232ICC500 | 10/21/2025 | 10:43 | PP075894.D | 10.42 | 4.64 |
| AR1242ICC1000 | AR1242ICC1000 | 10/21/2025 | 10:59 | PP075895.D | 10.42 | 4.65 |
| AR1242ICC750 | AR1242ICC750 | 10/21/2025 | 11:16 | PP075896.D | 10.42 | 4.64 |
| AR1242ICC500 | AR1242ICC500 | 10/21/2025 | 11:48 | PP075897.D | 10.42 | 4.65 |
| AR1242ICC250 | AR1242ICC250 | 10/21/2025 | 12:04 | PP075898.D | 10.42 | 4.65 |
| AR1242ICC050 | AR1242ICC050 | 10/21/2025 | 12:21 | PP075899.D | 10.42 | 4.65 |
| AR1248ICC1000 | AR1248ICC1000 | 10/21/2025 | 12:41 | PP075900.D | 10.43 | 4.65 |
| AR1248ICC750 | AR1248ICC750 | 10/21/2025 | 12:57 | PP075901.D | 10.42 | 4.64 |
| AR1248ICC500 | AR1248ICC500 | 10/21/2025 | 13:13 | PP075902.D | 10.42 | 4.65 |
| AR1248ICC250 | AR1248ICC250 | 10/21/2025 | 13:30 | PP075903.D | 10.42 | 4.65 |
| AR1248ICC050 | AR1248ICC050 | 10/21/2025 | 13:46 | PP075904.D | 10.42 | 4.65 |
| AR1254ICC1000 | AR1254ICC1000 | 10/21/2025 | 14:02 | PP075905.D | 10.42 | 4.65 |
| AR1254ICC750 | AR1254ICC750 | 10/21/2025 | 14:18 | PP075906.D | 10.42 | 4.64 |
| AR1254ICC500 | AR1254ICC500 | 10/21/2025 | 14:35 | PP075907.D | 10.42 | 4.65 |
| AR1254ICC250 | AR1254ICC250 | 10/21/2025 | 14:51 | PP075908.D | 10.42 | 4.65 |
| AR1254ICC050 | AR1254ICC050 | 10/21/2025 | 15:07 | PP075909.D | 10.42 | 4.64 |
| AR1262ICC500 | AR1262ICC500 | 10/21/2025 | 15:40 | PP075910.D | 10.43 | 4.65 |
| AR1268ICC1000 | AR1268ICC1000 | 10/21/2025 | 15:56 | PP075911.D | 10.42 | 4.65 |
| AR1268ICC750 | AR1268ICC750 | 10/21/2025 | 16:12 | PP075912.D | 10.42 | 4.65 |
| AR1268ICC500 | AR1268ICC500 | 10/21/2025 | 16:29 | PP075913.D | 10.42 | 4.65 |
| AR1268ICC250 | AR1268ICC250 | 10/21/2025 | 16:45 | PP075914.D | 10.43 | 4.65 |
| AR1268ICC050 | AR1268ICC050 | 10/21/2025 | 17:01 | PP075915.D | 10.42 | 4.65 |
| AR1660CCC500 | AR1660CCC500 | 10/27/2025 | 08:56 | PP076063.D | 10.41 | 4.64 |
| I.BLK | I.BLK | 10/27/2025 | 10:02 | PP076067.D | 10.40 | 4.64 |
| PB170236BL | PB170236BL | 10/27/2025 | 10:18 | PP076068.D | 10.40 | 4.64 |
| PB170236BS | PB170236BS | 10/27/2025 | 10:34 | PP076069.D | 10.41 | 4.64 |
| P001-TW2-251023-01 | Q3447-03 | 10/27/2025 | 12:30 | PP076075.D | 10.41 | 4.63 |
| P001-TW4-251023-01 | Q3447-07 | 10/27/2025 | 12:47 | PP076076.D | 10.41 | 4.64 |
| AR1660CCC500 | AR1660CCC500 | 10/27/2025 | 14:08 | PP076078.D | 10.41 | 4.64 |
| I.BLK | I.BLK | 10/27/2025 | 15:13 | PP076082.D | 10.41 | 4.64 |
| P001-TW3-251023-01 | Q3447-05 | 10/27/2025 | 16:34 | PP076087.D | 10.41 | 4.64 |
| P001-TW1-251023-01 | Q3447-01 | 10/27/2025 | 16:50 | PP076088.D | 10.41 | 4.62 |
| AR1660CCC500 | AR1660CCC500 | 10/27/2025 | 19:00 | PP076093.D | 10.41 | 4.64 |
| I.BLK | I.BLK | 10/27/2025 | 20:38 | PP076097.D | 10.40 | 4.64 |
| AR1660CCC500 | AR1660CCC500 | 10/28/2025 | 09:22 | PP076110.D | 10.40 | 4.64 |

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

# Analytical Sequence

| | | | | | | |
|---|---|---|---|---|---|---|
| I.BLK | I.BLK | 10/28/2025 | 10:48 | PP076115.D | 10.41 | 4.64 |
| P001-TW2-251023-01 | Q3447-03RE | 10/28/2025 | 11:53 | PP076119.D | 10.40 | 4.63 |
| P001-TW1-251023-01 | Q3447-01RE | 10/28/2025 | 12:09 | PP076120.D | 10.41 | 4.62 |
| AR1660CCC500 | AR1660CCC500 | 10/28/2025 | 14:35 | PP076126.D | 10.41 | 4.64 |
| I.BLK | I.BLK | 10/28/2025 | 15:57 | PP076131.D | 10.41 | 4.64 |
| I.BLK | I.BLK | 10/10/2025 | 08:42 | PQ070972.D | 8.50 | 3.40 |
| AR1660ICC1000 | AR1660ICC1000 | 10/10/2025 | 08:57 | PQ070973.D | 8.50 | 3.40 |
| AR1660ICC750 | AR1660ICC750 | 10/10/2025 | 09:11 | PQ070974.D | 8.50 | 3.40 |
| AR1660ICC500 | AR1660ICC500 | 10/10/2025 | 09:26 | PQ070975.D | 8.50 | 3.40 |
| AR1660ICC250 | AR1660ICC250 | 10/10/2025 | 09:40 | PQ070976.D | 8.50 | 3.40 |
| AR1660ICC050 | AR1660ICC050 | 10/10/2025 | 09:55 | PQ070977.D | 8.50 | 3.40 |
| AR1221ICC500 | AR1221ICC500 | 10/10/2025 | 10:09 | PQ070978.D | 8.50 | 3.40 |
| AR1232ICC500 | AR1232ICC500 | 10/10/2025 | 10:24 | PQ070979.D | 8.50 | 3.40 |
| AR1242ICC1000 | AR1242ICC1000 | 10/10/2025 | 10:38 | PQ070980.D | 8.50 | 3.40 |
| AR1242ICC750 | AR1242ICC750 | 10/10/2025 | 10:53 | PQ070981.D | 8.50 | 3.40 |
| AR1242ICC500 | AR1242ICC500 | 10/10/2025 | 11:08 | PQ070982.D | 8.50 | 3.40 |
| AR1242ICC250 | AR1242ICC250 | 10/10/2025 | 11:22 | PQ070983.D | 8.50 | 3.40 |
| AR1242ICC050 | AR1242ICC050 | 10/10/2025 | 11:37 | PQ070984.D | 8.50 | 3.40 |
| AR1248ICC1000 | AR1248ICC1000 | 10/10/2025 | 11:51 | PQ070985.D | 8.50 | 3.40 |
| AR1248ICC750 | AR1248ICC750 | 10/10/2025 | 12:06 | PQ070986.D | 8.50 | 3.40 |
| AR1248ICC500 | AR1248ICC500 | 10/10/2025 | 12:20 | PQ070987.D | 8.50 | 3.40 |
| AR1248ICC250 | AR1248ICC250 | 10/10/2025 | 12:35 | PQ070988.D | 8.50 | 3.40 |
| AR1248ICC050 | AR1248ICC050 | 10/10/2025 | 12:50 | PQ070989.D | 8.50 | 3.40 |
| AR1254ICC1000 | AR1254ICC1000 | 10/10/2025 | 13:04 | PQ070990.D | 8.50 | 3.40 |
| AR1254ICC750 | AR1254ICC750 | 10/10/2025 | 13:19 | PQ070991.D | 8.50 | 3.40 |
| AR1254ICC500 | AR1254ICC500 | 10/10/2025 | 13:33 | PQ070992.D | 8.50 | 3.40 |
| AR1254ICC250 | AR1254ICC250 | 10/10/2025 | 13:48 | PQ070993.D | 8.50 | 3.40 |
| AR1254ICC050 | AR1254ICC050 | 10/10/2025 | 15:15 | PQ070994.D | 8.50 | 3.40 |
| AR1262ICC500 | AR1262ICC500 | 10/10/2025 | 15:30 | PQ070995.D | 8.50 | 3.40 |
| AR1268ICC1000 | AR1268ICC1000 | 10/10/2025 | 15:44 | PQ070996.D | 8.50 | 3.40 |
| AR1268ICC750 | AR1268ICC750 | 10/10/2025 | 15:59 | PQ070997.D | 8.50 | 3.40 |
| AR1268ICC500 | AR1268ICC500 | 10/10/2025 | 16:13 | PQ070998.D | 8.50 | 3.40 |
| AR1268ICC250 | AR1268ICC250 | 10/10/2025 | 16:28 | PQ070999.D | 8.50 | 3.40 |
| AR1268ICC050 | AR1268ICC050 | 10/10/2025 | 16:43 | PQ071000.D | 8.50 | 3.40 |
| AR1660CCC500 | AR1660CCC500 | 10/27/2025 | 08:57 | PQ071149.D | 8.50 | 3.40 |
| I.BLK | I.BLK | 10/27/2025 | 09:11 | PQ071150.D | 8.50 | 3.40 |
| SS-5R-(3.5-4.0)MS | Q3450-02MS | 10/27/2025 | 09:55 | PQ071153.D | 8.50 | 3.40 |
| SS-5R-(3.5-4.0)MSD | Q3450-02MSD | 10/27/2025 | 10:10 | PQ071154.D | 8.50 | 3.40 |
| AR1660CCC500 | AR1660CCC500 | 10/27/2025 | 12:35 | PQ071161.D | 8.50 | 3.40 |
| I.BLK | I.BLK | 10/27/2025 | 14:18 | PQ071165.D | 8.50 | 3.40 |

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Fax : 908 789 8922

# Analytical Sequence

**Client:** Weston Solutions, Inc. **SDG No.:** Q3447

**Project:** RFP 905 **Instrument ID:** ECD_P

**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/21/2025 10/21/2025

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

| CLIENT ID | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DATAFILE | DCB RT # | TCX RT # |
|---|---|---|---|---|---|---|
| I.BLK | I.BLK | 10/21/2025 | 08:49 | PP075887.D | 8.78 | 3.78 |
| AR1660ICC1000 | AR1660ICC1000 | 10/21/2025 | 09:06 | PP075888.D | 8.78 | 3.78 |
| AR1660ICC750 | AR1660ICC750 | 10/21/2025 | 09:22 | PP075889.D | 8.78 | 3.78 |
| AR1660ICC500 | AR1660ICC500 | 10/21/2025 | 09:38 | PP075890.D | 8.78 | 3.78 |
| AR1660ICC250 | AR1660ICC250 | 10/21/2025 | 09:54 | PP075891.D | 8.78 | 3.78 |
| AR1660ICC050 | AR1660ICC050 | 10/21/2025 | 10:11 | PP075892.D | 8.78 | 3.78 |
| AR1221ICC500 | AR1221ICC500 | 10/21/2025 | 10:27 | PP075893.D | 8.78 | 3.78 |
| AR1232ICC500 | AR1232ICC500 | 10/21/2025 | 10:43 | PP075894.D | 8.78 | 3.78 |
| AR1242ICC1000 | AR1242ICC1000 | 10/21/2025 | 10:59 | PP075895.D | 8.78 | 3.78 |
| AR1242ICC750 | AR1242ICC750 | 10/21/2025 | 11:16 | PP075896.D | 8.78 | 3.78 |
| AR1242ICC500 | AR1242ICC500 | 10/21/2025 | 11:48 | PP075897.D | 8.79 | 3.78 |
| AR1242ICC250 | AR1242ICC250 | 10/21/2025 | 12:04 | PP075898.D | 8.78 | 3.78 |
| AR1242ICC050 | AR1242ICC050 | 10/21/2025 | 12:21 | PP075899.D | 8.78 | 3.78 |
| AR1248ICC1000 | AR1248ICC1000 | 10/21/2025 | 12:41 | PP075900.D | 8.78 | 3.78 |
| AR1248ICC750 | AR1248ICC750 | 10/21/2025 | 12:57 | PP075901.D | 8.78 | 3.78 |
| AR1248ICC500 | AR1248ICC500 | 10/21/2025 | 13:13 | PP075902.D | 8.78 | 3.78 |
| AR1248ICC250 | AR1248ICC250 | 10/21/2025 | 13:30 | PP075903.D | 8.78 | 3.78 |
| AR1248ICC050 | AR1248ICC050 | 10/21/2025 | 13:46 | PP075904.D | 8.78 | 3.78 |
| AR1254ICC1000 | AR1254ICC1000 | 10/21/2025 | 14:02 | PP075905.D | 8.78 | 3.78 |
| AR1254ICC750 | AR1254ICC750 | 10/21/2025 | 14:18 | PP075906.D | 8.78 | 3.78 |
| AR1254ICC500 | AR1254ICC500 | 10/21/2025 | 14:35 | PP075907.D | 8.79 | 3.79 |
| AR1254ICC250 | AR1254ICC250 | 10/21/2025 | 14:51 | PP075908.D | 8.78 | 3.78 |
| AR1254ICC050 | AR1254ICC050 | 10/21/2025 | 15:07 | PP075909.D | 8.78 | 3.78 |
| AR1262ICC500 | AR1262ICC500 | 10/21/2025 | 15:40 | PP075910.D | 8.79 | 3.79 |
| AR1268ICC1000 | AR1268ICC1000 | 10/21/2025 | 15:56 | PP075911.D | 8.79 | 3.78 |
| AR1268ICC750 | AR1268ICC750 | 10/21/2025 | 16:12 | PP075912.D | 8.78 | 3.78 |
| AR1268ICC500 | AR1268ICC500 | 10/21/2025 | 16:29 | PP075913.D | 8.79 | 3.79 |
| AR1268ICC250 | AR1268ICC250 | 10/21/2025 | 16:45 | PP075914.D | 8.79 | 3.79 |
| AR1268ICC050 | AR1268ICC050 | 10/21/2025 | 17:01 | PP075915.D | 8.79 | 3.79 |
| AR1660CCC500 | AR1660CCC500 | 10/27/2025 | 08:56 | PP076063.D | 8.78 | 3.78 |
| I.BLK | I.BLK | 10/27/2025 | 10:02 | PP076067.D | 8.77 | 3.78 |
| PB170236BL | PB170236BL | 10/27/2025 | 10:18 | PP076068.D | 8.77 | 3.78 |
| PB170236BS | PB170236BS | 10/27/2025 | 10:34 | PP076069.D | 8.78 | 3.78 |
| P001-TW2-251023-01 | Q3447-03 | 10/27/2025 | 12:30 | PP076075.D | 8.77 | 3.81 |
| P001-TW4-251023-01 | Q3447-07 | 10/27/2025 | 12:47 | PP076076.D | 8.77 | 3.80 |
| AR1660CCC500 | AR1660CCC500 | 10/27/2025 | 14:08 | PP076078.D | 8.78 | 3.78 |
| I.BLK | I.BLK | 10/27/2025 | 15:13 | PP076082.D | 8.77 | 3.78 |
| P001-TW3-251023-01 | Q3447-05 | 10/27/2025 | 16:34 | PP076087.D | 8.78 | 3.79 |
| P001-TW1-251023-01 | Q3447-01 | 10/27/2025 | 16:50 | PP076088.D | 8.78 | 3.81 |
| AR1660CCC500 | AR1660CCC500 | 10/27/2025 | 19:00 | PP076093.D | 8.78 | 3.78 |
| I.BLK | I.BLK | 10/27/2025 | 20:38 | PP076097.D | 8.77 | 3.78 |
| AR1660CCC500 | AR1660CCC500 | 10/28/2025 | 09:22 | PP076110.D | 8.77 | 3.78 |

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# Analytical Sequence

| | | | | | | |
|---|---|---|---|---|---|---|
| I.BLK | I.BLK | 10/28/2025 | 10:48 | PP076115.D | 8.78 | 3.78 |
| P001-TW2-251023-01 | Q3447-03RE | 10/28/2025 | 11:53 | PP076119.D | 8.78 | 3.81 |
| P001-TW1-251023-01 | Q3447-01RE | 10/28/2025 | 12:09 | PP076120.D | 8.78 | 3.81 |
| AR1660CCC500 | AR1660CCC500 | 10/28/2025 | 14:35 | PP076126.D | 8.77 | 3.78 |
| I.BLK | I.BLK | 10/28/2025 | 15:57 | PP076131.D | 8.77 | 3.78 |
| I.BLK | I.BLK | 10/10/2025 | 08:42 | PQ070972.D | 7.53 | 2.78 |
| AR1660ICC1000 | AR1660ICC1000 | 10/10/2025 | 08:57 | PQ070973.D | 7.53 | 2.78 |
| AR1660ICC750 | AR1660ICC750 | 10/10/2025 | 09:11 | PQ070974.D | 7.53 | 2.78 |
| AR1660ICC500 | AR1660ICC500 | 10/10/2025 | 09:26 | PQ070975.D | 7.53 | 2.78 |
| AR1660ICC250 | AR1660ICC250 | 10/10/2025 | 09:40 | PQ070976.D | 7.53 | 2.78 |
| AR1660ICC050 | AR1660ICC050 | 10/10/2025 | 09:55 | PQ070977.D | 7.53 | 2.78 |
| AR1221ICC500 | AR1221ICC500 | 10/10/2025 | 10:09 | PQ070978.D | 7.53 | 2.78 |
| AR1232ICC500 | AR1232ICC500 | 10/10/2025 | 10:24 | PQ070979.D | 7.53 | 2.78 |
| AR1242ICC1000 | AR1242ICC1000 | 10/10/2025 | 10:38 | PQ070980.D | 7.53 | 2.78 |
| AR1242ICC750 | AR1242ICC750 | 10/10/2025 | 10:53 | PQ070981.D | 7.53 | 2.78 |
| AR1242ICC500 | AR1242ICC500 | 10/10/2025 | 11:08 | PQ070982.D | 7.53 | 2.78 |
| AR1242ICC250 | AR1242ICC250 | 10/10/2025 | 11:22 | PQ070983.D | 7.53 | 2.78 |
| AR1242ICC050 | AR1242ICC050 | 10/10/2025 | 11:37 | PQ070984.D | 7.53 | 2.78 |
| AR1248ICC1000 | AR1248ICC1000 | 10/10/2025 | 11:51 | PQ070985.D | 7.53 | 2.78 |
| AR1248ICC750 | AR1248ICC750 | 10/10/2025 | 12:06 | PQ070986.D | 7.53 | 2.78 |
| AR1248ICC500 | AR1248ICC500 | 10/10/2025 | 12:20 | PQ070987.D | 7.53 | 2.78 |
| AR1248ICC250 | AR1248ICC250 | 10/10/2025 | 12:35 | PQ070988.D | 7.53 | 2.78 |
| AR1248ICC050 | AR1248ICC050 | 10/10/2025 | 12:50 | PQ070989.D | 7.53 | 2.78 |
| AR1254ICC1000 | AR1254ICC1000 | 10/10/2025 | 13:04 | PQ070990.D | 7.53 | 2.78 |
| AR1254ICC750 | AR1254ICC750 | 10/10/2025 | 13:19 | PQ070991.D | 7.53 | 2.78 |
| AR1254ICC500 | AR1254ICC500 | 10/10/2025 | 13:33 | PQ070992.D | 7.53 | 2.78 |
| AR1254ICC250 | AR1254ICC250 | 10/10/2025 | 13:48 | PQ070993.D | 7.53 | 2.78 |
| AR1254ICC050 | AR1254ICC050 | 10/10/2025 | 15:15 | PQ070994.D | 7.53 | 2.78 |
| AR1262ICC500 | AR1262ICC500 | 10/10/2025 | 15:30 | PQ070995.D | 7.53 | 2.78 |
| AR1268ICC1000 | AR1268ICC1000 | 10/10/2025 | 15:44 | PQ070996.D | 7.53 | 2.78 |
| AR1268ICC750 | AR1268ICC750 | 10/10/2025 | 15:59 | PQ070997.D | 7.53 | 2.78 |
| AR1268ICC500 | AR1268ICC500 | 10/10/2025 | 16:13 | PQ070998.D | 7.53 | 2.78 |
| AR1268ICC250 | AR1268ICC250 | 10/10/2025 | 16:28 | PQ070999.D | 7.53 | 2.78 |
| AR1268ICC050 | AR1268ICC050 | 10/10/2025 | 16:43 | PQ071000.D | 7.53 | 2.78 |
| AR1660CCC500 | AR1660CCC500 | 10/27/2025 | 08:57 | PQ071149.D | 7.53 | 2.78 |
| I.BLK | I.BLK | 10/27/2025 | 09:11 | PQ071150.D | 7.53 | 2.78 |
| SS-5R-(3.5-4.0)MS | Q3450-02MS | 10/27/2025 | 09:55 | PQ071153.D | 7.53 | 2.78 |
| SS-5R-(3.5-4.0)MSD | Q3450-02MSD | 10/27/2025 | 10:10 | PQ071154.D | 7.53 | 2.78 |
| AR1660CCC500 | AR1660CCC500 | 10/27/2025 | 12:35 | PQ071161.D | 7.53 | 2.78 |
| I.BLK | I.BLK | 10/27/2025 | 14:18 | PQ071165.D | 7.53 | 2.78 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170236BS

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3447

Lab Sample ID: PB170236BS Date(s) Analyzed: 10/27/2025 10/27/2025

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 PP076069.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 1 | 5.793 | 5.743 | 5.843 | 146 | | |
| | 2 | 5.814 | 5.764 | 5.864 | 147 | | |
| | 3 | 5.877 | 5.827 | 5.927 | 145 | | |
| COLUMN 1 | 4 | 5.974 | 5.924 | 6.024 | 146 | | |
| | 5 | 6.266 | 6.216 | 6.316 | 140 | 145 | |
| | 1 | 4.877 | 4.827 | 4.927 | 132 | | |
| | 2 | 4.935 | 4.885 | 4.985 | 131 | | |
| | 3 | 5.054 | 5.004 | 5.104 | 122 | | |
| | 4 | 5.095 | 5.045 | 5.145 | 129 | | |
| COLUMN 2 | 5 | 5.309 | 5.259 | 5.359 | 120 | 127 | 13.24 |
| Aroclor-1260 | 1 | 7.383 | 7.333 | 7.433 | 167 | | |
| | 2 | 7.636 | 7.586 | 7.686 | 153 | | |
| | 3 | 7.994 | 7.944 | 8.044 | 134 | | |
| COLUMN 1 | 4 | 8.22 | 8.17 | 8.27 | 157 | | |
| | 5 | 8.546 | 8.496 | 8.596 | 135 | 149 | |
| | 1 | 6.335 | 6.285 | 6.385 | 147 | | |
| | 2 | 6.522 | 6.472 | 6.572 | 147 | | |
| | 3 | 6.675 | 6.625 | 6.725 | 152 | | |
| | 4 | 7.144 | 7.094 | 7.194 | 142 | | |
| COLUMN 2 | 5 | 7.384 | 7.334 | 7.434 | 129 | 143 | 4.11 |

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## IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-TW2-251023-01

Lab Name: Alliance  Contract: ROYF02

Lab Code: ACE  SDG NO.: Q3447

Lab Sample ID: Q3447-03  Date(s) Analyzed: 10/27/2025  10/27/2025

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 PP076075.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | | | | | | | |
| | 1 | 6.637 | 6.587 | 6.687 | 819 | | |
| | 2 | 6.856 | 6.806 | 6.906 | 811 | | |
| | 3 | 7.217 | 7.167 | 7.267 | 599 | | |
| COLUMN 1 | 4 | 7.498 | 7.448 | 7.548 | 550 | | |
| | 5 | 7.916 | 7.866 | 7.966 | 1320 | 820 | |
| | 1 | 5.655 | 5.605 | 5.705 | 1090 | | |
| | 2 | 5.801 | 5.751 | 5.851 | 606 | | |
| | 3 | 6.207 | 6.157 | 6.257 | 635 | | |
| | 4 | 6.432 | 6.382 | 6.482 | 311 | | |
| COLUMN 2 | 5 | 6.845 | 6.795 | 6.895 | 720 | 672 | 19.84 |
| Aroclor-1260 | | | | | | | |
| | 1 | 7.38 | 7.33 | 7.43 | 871 | | |
| | 2 | 7.633 | 7.583 | 7.683 | 905 | | |
| | 3 | 7.992 | 7.942 | 8.042 | 700 | | |
| COLUMN 1 | 4 | 8.217 | 8.167 | 8.267 | 772 | | |
| | 5 | 8.544 | 8.494 | 8.594 | 618 | 773 | |
| | 1 | 6.334 | 6.284 | 6.384 | 598 | | |
| | 2 | 6.521 | 6.471 | 6.571 | 536 | | |
| | 3 | 6.673 | 6.623 | 6.723 | 389 | | |
| | 4 | 7.142 | 7.092 | 7.192 | 434 | | |
| COLUMN 2 | 5 | 7.382 | 7.332 | 7.432 | 551 | 501 | 42.7 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-TW2-251023-01

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3447

Lab Sample ID: Q3447-03RE Date(s) Analyzed: 10/28/2025 10/28/2025

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 PP076119.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1 | 6.66 | 6.61 | 6.71 | 1230 | | |
| | 2 | 6.852 | 6.802 | 6.902 | 803 | | |
| | 3 | 7.214 | 7.164 | 7.264 | 607 | | |
| COLUMN 1 | 4 | 7.495 | 7.445 | 7.545 | 544 | | |
| | 5 | 7.912 | 7.862 | 7.962 | 1280 | 892 | |
| | 1 | 5.654 | 5.604 | 5.704 | 1150 | | |
| | 2 | 5.8 | 5.75 | 5.85 | 661 | | |
| | 3 | 6.205 | 6.155 | 6.255 | 773 | | |
| | 4 | 6.429 | 6.379 | 6.479 | 410 | | |
| COLUMN 2 | 5 | 6.843 | 6.793 | 6.893 | 711 | 742 | 18.36 |
| Aroclor-1260 | 1 | 7.377 | 7.327 | 7.427 | 847 | | |
| | 2 | 7.63 | 7.58 | 7.68 | 923 | | |
| | 3 | 7.988 | 7.938 | 8.038 | 694 | | |
| COLUMN 1 | 4 | 8.213 | 8.163 | 8.263 | 772 | | |
| | 5 | 8.541 | 8.491 | 8.591 | 622 | 772 | |
| | 1 | 6.333 | 6.283 | 6.383 | 637 | | |
| | 2 | 6.521 | 6.471 | 6.571 | 584 | | |
| | 3 | 6.67 | 6.62 | 6.72 | 501 | | |
| | 4 | 7.139 | 7.089 | 7.189 | 462 | | |
| COLUMN 2 | 5 | 7.38 | 7.33 | 7.43 | 590 | 555 | 32.71 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SS-5R-(3.5-4.0)MS

Lab Name: Alliance | Contract: ROYF02

Lab Code: ACE | SDG NO.: Q3447

Lab Sample ID: Q3450-02MS | Date(s) Analyzed: 10/27/2025 10/27/2025

Instrument ID (1): ECD_Q | Instrument ID (2): ECD_Q

GC Column: (1): ZB-MR1 ID: 0.32 (mm) | GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PQ071153.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 1 | 4.481 | 4.431 | 4.531 | 59.9 | | |
| | 2 | 4.498 | 4.448 | 4.548 | 123 | | |
| | 3 | 4.555 | 4.505 | 4.605 | 140 | | |
| COLUMN 1 | 4 | 4.645 | 4.595 | 4.695 | 148 | | |
| | 5 | 4.93 | 4.88 | 4.98 | 135 | 121 | |
| | 1 | 3.775 | 3.725 | 3.825 | 131 | | |
| | 2 | 3.791 | 3.741 | 3.841 | 110 | | |
| | 3 | 3.951 | 3.901 | 4.001 | 119 | | |
| | 4 | 3.999 | 3.949 | 4.049 | 115 | | |
| COLUMN 2 | 5 | 4.195 | 4.145 | 4.245 | 114 | 118 | 2.51 |
| Aroclor-1254 | 1 | 5.291 | 5.241 | 5.341 | 73.6 | | |
| | 2 | 5.506 | 5.456 | 5.556 | 65.1 | | |
| | 3 | 5.854 | 5.804 | 5.904 | 52.0 | | |
| COLUMN 1 | 4 | 6.132 | 6.082 | 6.182 | 65.2 | | |
| | 5 | 6.542 | 6.492 | 6.592 | 271 | 105 | |
| | 1 | 4.531 | 4.481 | 4.581 | 57.2 | | |
| | 2 | 4.677 | 4.627 | 4.727 | 82.7 | | |
| | 3 | 5.058 | 5.008 | 5.108 | 47.0 | | |
| | 4 | 5.284 | 5.234 | 5.334 | 62.9 | | |
| COLUMN 2 | 5 | 5.687 | 5.637 | 5.737 | 209 | 91.7 | 13.52 |

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**IDENTIFICATION SUMMARY**

**FOR MULTICOMPONENT ANALYTES**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Aroclor-1260 | 1 | 6.018 | 5.968 | 6.068 | 162 | | |
| | 2 | 6.275 | 6.225 | 6.325 | 162 | | |
| | 3 | 6.626 | 6.576 | 6.676 | 125 | | |
| COLUMN 1 | 4 | 6.84 | 6.79 | 6.89 | 137 | | |
| | 5 | 7.146 | 7.096 | 7.196 | 139 | 145 | |
| | 1 | 5.186 | 5.136 | 5.236 | 135 | | |
| | 2 | 5.377 | 5.327 | 5.427 | 123 | | |
| | 3 | 5.516 | 5.466 | 5.566 | 141 | | |
| | 4 | 5.978 | 5.928 | 6.028 | 109 | | |
| COLUMN 2 | 5 | 6.222 | 6.172 | 6.272 | 107 | 123 | 16.42 |

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

# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SS-5R-(3.5-4.0)MSD

Lab Name: Alliance
Contract: ROYF02
Lab Code: ACE
SDG NO.: Q3447
Lab Sample ID: Q3450-02MSD
Date(s) Analyzed: 10/27/2025 10/27/2025
Instrument ID (1): ECD_Q
Instrument ID (2): ECD_Q
GC Column: (1): ZB-MR1 ID: 0.32 (mm)
GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PQ071154.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 1 | 4.478 | 4.428 | 4.528 | 155 | | |
| | 2 | 4.497 | 4.447 | 4.547 | 160 | | |
| | 3 | 4.555 | 4.505 | 4.605 | 166 | | |
| COLUMN 1 | 4 | 4.645 | 4.595 | 4.695 | 166 | | |
| | 5 | 4.93 | 4.88 | 4.98 | 161 | 162 | |
| | 1 | 3.775 | 3.725 | 3.825 | 150 | | |
| | 2 | 3.791 | 3.741 | 3.841 | 128 | | |
| | 3 | 3.952 | 3.902 | 4.002 | 153 | | |
| | 4 | 4 | 3.95 | 4.05 | 150 | | |
| COLUMN 2 | 5 | 4.195 | 4.145 | 4.245 | 136 | 143 | 12.46 |
| Aroclor-1254 | 1 | 5.292 | 5.242 | 5.342 | 91.0 | | |
| | 2 | 5.507 | 5.457 | 5.557 | 89.9 | | |
| | 3 | 5.854 | 5.804 | 5.904 | 99.6 | | |
| COLUMN 1 | 4 | 6.134 | 6.084 | 6.184 | 114 | | |
| | 5 | 6.543 | 6.493 | 6.593 | 347 | 148 | |
| | 1 | 4.531 | 4.481 | 4.581 | 74.2 | | |
| | 2 | 4.678 | 4.628 | 4.728 | 97.9 | | |
| | 3 | 5.058 | 5.008 | 5.108 | 90.8 | | |
| | 4 | 5.284 | 5.234 | 5.334 | 102 | | |
| COLUMN 2 | 5 | 5.687 | 5.637 | 5.737 | 280 | 129 | 13.72 |

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Fax : 908 789 8922

**IDENTIFICATION SUMMARY**

**FOR MULTICOMPONENT ANALYTES**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Aroclor-1260 | 1 | 6.019 | 5.969 | 6.069 | 196 | | |
| | 2 | 6.275 | 6.225 | 6.325 | 197 | | |
| | 3 | 6.625 | 6.575 | 6.675 | 137 | | |
| COLUMN 1 | 4 | 6.84 | 6.79 | 6.89 | 153 | | |
| | 5 | 7.145 | 7.095 | 7.195 | 147 | 166 | |
| | 1 | 5.187 | 5.137 | 5.237 | 183 | | |
| | 2 | 5.376 | 5.326 | 5.426 | 165 | | |
| | 3 | 5.516 | 5.466 | 5.566 | 176 | | |
| | 4 | 5.977 | 5.927 | 6.027 | 121 | | |
| COLUMN 2 | 5 | 6.221 | 6.171 | 6.271 | 120 | 153 | 8.15 |

# QC SAMPLE DATA

Raw Data: **PP076068.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | |
| Project: | RFP 905 | Date Received: | |
| Client Sample ID: | PB170236BL | SDG No.: | Q3447 |
| Lab Sample ID: | PB170236BL | Matrix: | SOIL |
| Analytical Method: | 8082A | % Solid: | 100 |
| Sample Wt/Vol: | 30.02 g | Final Vol: 10000 uL | Test: PCB |
| Prep Method: | SW3541 | Prep Date 10/24/25 | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 3.90 | U | 1 | 3.90 | 17.0 | ug/kg | 10/27/25 10:18 | PB170236 |
| 11104-28-2 | Aroclor-1221 | 4.00 | U | 1 | 4.00 | 17.0 | ug/kg | 10/27/25 10:18 | PB170236 |
| 11141-16-5 | Aroclor-1232 | 3.70 | U | 1 | 3.70 | 17.0 | ug/kg | 10/27/25 10:18 | PB170236 |
| 53469-21-9 | Aroclor-1242 | 4.00 | U | 1 | 4.00 | 17.0 | ug/kg | 10/27/25 10:18 | PB170236 |
| 12672-29-6 | Aroclor-1248 | 5.90 | U | 1 | 5.90 | 17.0 | ug/kg | 10/27/25 10:18 | PB170236 |
| 11097-69-1 | Aroclor-1254 | 3.20 | U | 1 | 3.20 | 17.0 | ug/kg | 10/27/25 10:18 | PB170236 |
| 37324-23-5 | Aroclor-1262 | 5.00 | U | 1 | 5.00 | 17.0 | ug/kg | 10/27/25 10:18 | PB170236 |
| 11100-14-4 | Aroclor-1268 | 3.60 | U | 1 | 3.60 | 17.0 | ug/kg | 10/27/25 10:18 | PB170236 |
| 11096-82-5 | Aroclor-1260 | 3.20 | U | 1 | 3.20 | 17.0 | ug/kg | 10/27/25 10:18 | PB170236 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 27.3 | | | 32 - 144 | 137% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 29.0 | | | 32 - 175 | 145% | SPK: 20 | | |

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: **PP076068.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076068.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:18
Operator : YP\AJ
Sample : PB170236BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
PB170236BL

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:02:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.637 | 3.780 | 39070596 | 172.6E6 | 27.339m | 26.077 |
| 2) | SA Decachlor... | 10.403 | 8.773 | 31178050 | 207.4E6 | 28.962m | 25.220 |
| | Target Compounds | | | | | | |

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

Sample Results: **PP076068.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076068.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:18
Operator : YP\AJ
Sample : PB170236BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

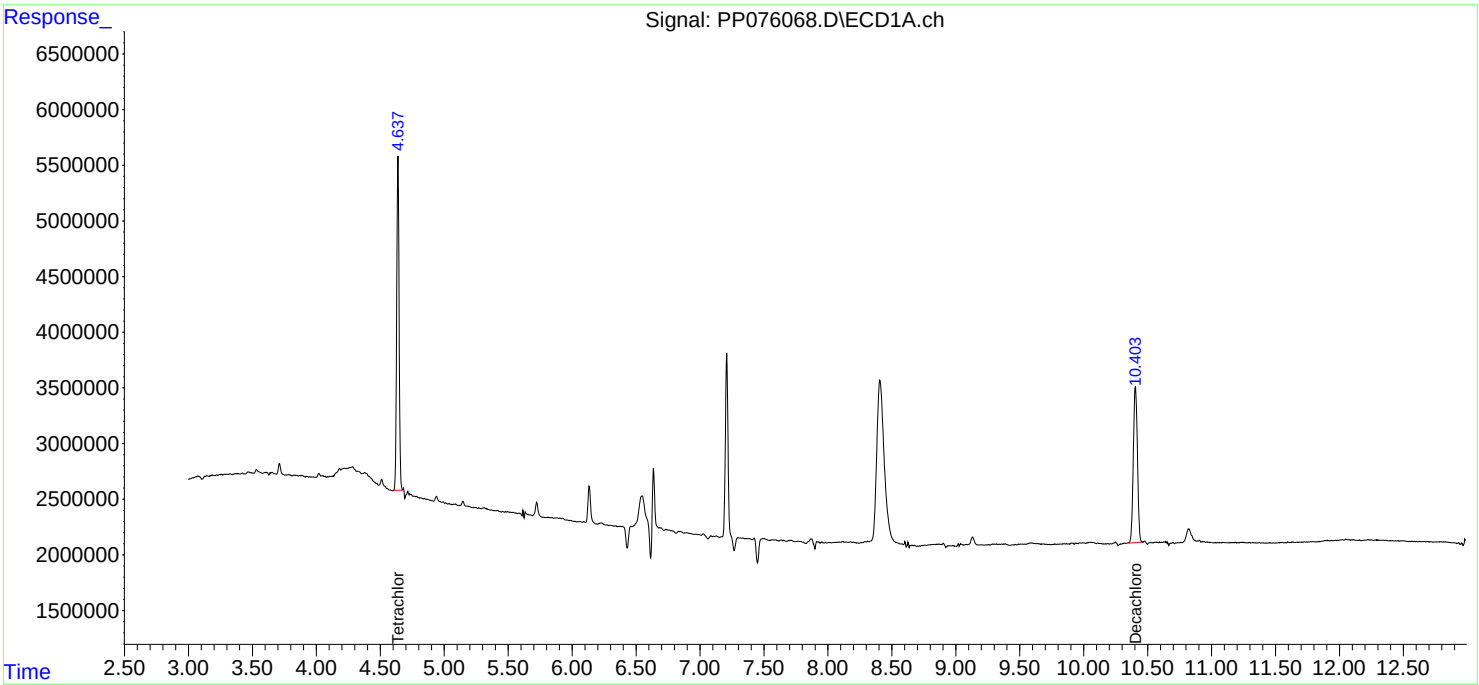
**Instrument :**
ECD_P
**ClientSampleId :**
PB170236BL

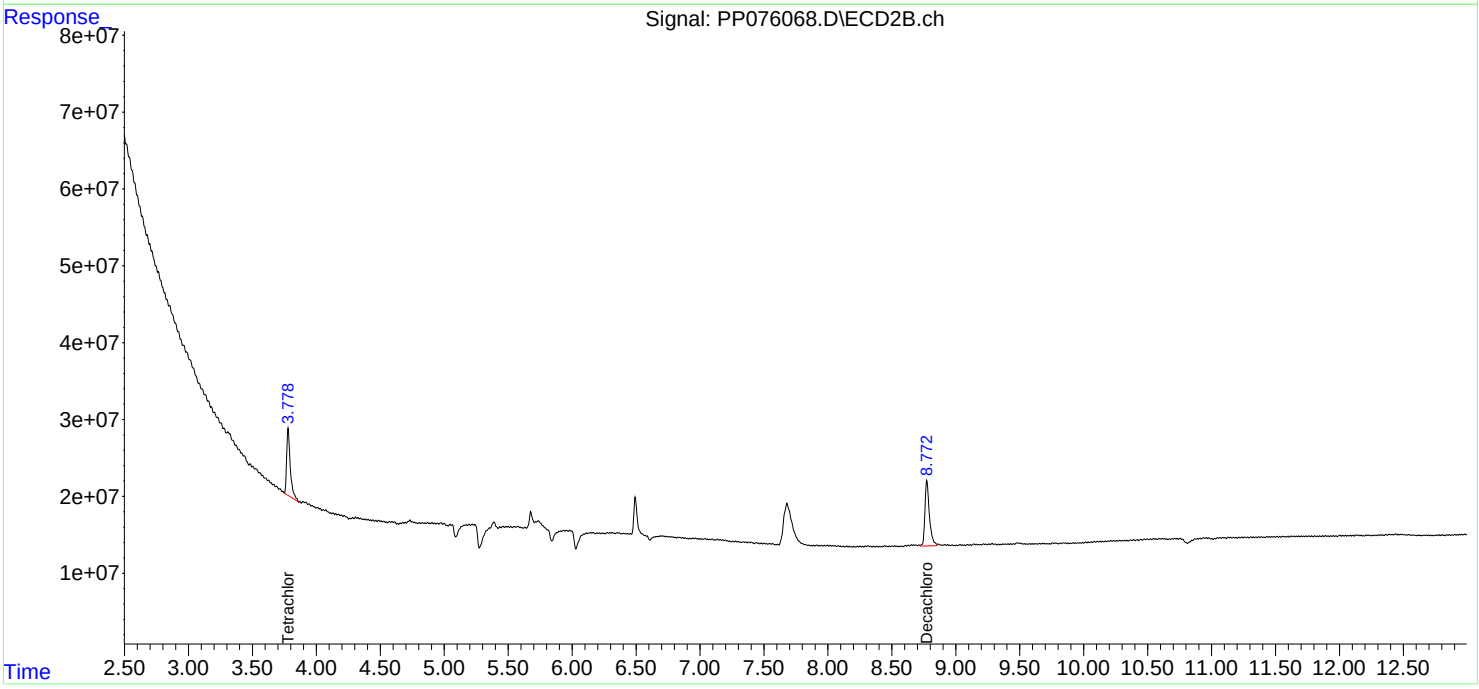
**Manual Integrations APPROVED**

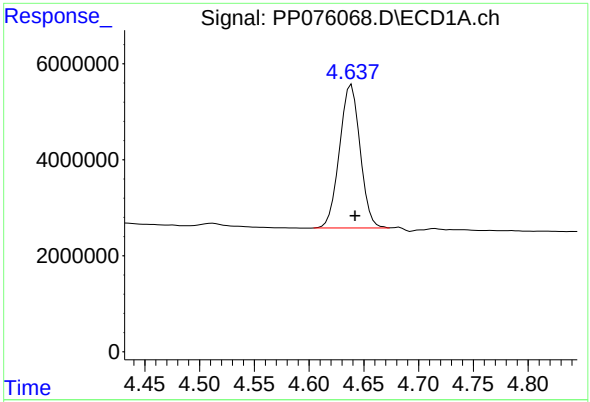
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:02:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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





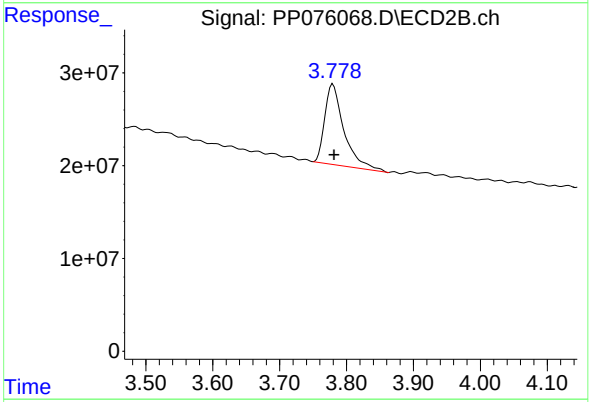

#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.005 min
Response: 39070596
Conc: 27.34 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
PB170236BL

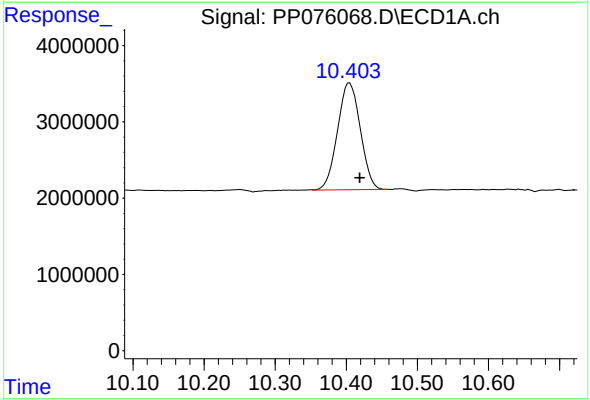
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



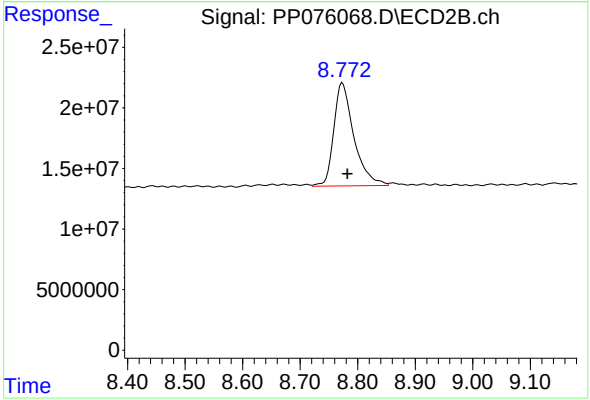

#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 172582422
Conc: 26.08 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.015 min
Response: 31178050
Conc: 28.96 ng/ml m




#2 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.009 min
Response: 207383403
Conc: 25.22 ng/ml

Raw Data: **PP075887.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/21/25 |
| Project: | RFP 905 | Date Received: | 10/21/25 |
| Client Sample ID: | PIBLK-PP075887.D | SDG No.: | Q3447 |
| Lab Sample ID: | I.BLK-PP075887.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | PCB |
| Prep Method: | 5030 Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.097 | U | 1 | 0.097 | 0.50 | ug/L | 10/21/25 | PP102125 |
| 11104-28-2 | Aroclor-1221 | 0.13 | U | 1 | 0.13 | 0.50 | ug/L | 10/21/25 | PP102125 |
| 11141-16-5 | Aroclor-1232 | 0.096 | U | 1 | 0.096 | 0.50 | ug/L | 10/21/25 | PP102125 |
| 53469-21-9 | Aroclor-1242 | 0.12 | U | 1 | 0.12 | 0.50 | ug/L | 10/21/25 | PP102125 |
| 12672-29-6 | Aroclor-1248 | 0.071 | U | 1 | 0.071 | 0.50 | ug/L | 10/21/25 | PP102125 |
| 11097-69-1 | Aroclor-1254 | 0.094 | U | 1 | 0.094 | 0.50 | ug/L | 10/21/25 | PP102125 |
| 11096-82-5 | Aroclor-1260 | 0.081 | U | 1 | 0.081 | 0.50 | ug/L | 10/21/25 | PP102125 |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 1 | 0.14 | 0.50 | ug/L | 10/21/25 | PP102125 |
| 11100-14-4 | Aroclor-1268 | 0.11 | U | 1 | 0.11 | 0.50 | ug/L | 10/21/25 | PP102125 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 18.8 | | | 60 - 140 | 94% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 19.3 | | | 60 - 140 | 96% | SPK: 20 | | |

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: **PP075887.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 08:49
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 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:26:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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... | 4.644 | 3.783 | 28503905 | 124.7E6 | 19.945 | 18.843 |
| 2) | SA Decachlor... | 10.419 | 8.784 | 21974278 | 158.6E6 | 20.412m | 19.281 |
| | Target Compounds | | | | | | |

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

Sample Results: **PP075887.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 08:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

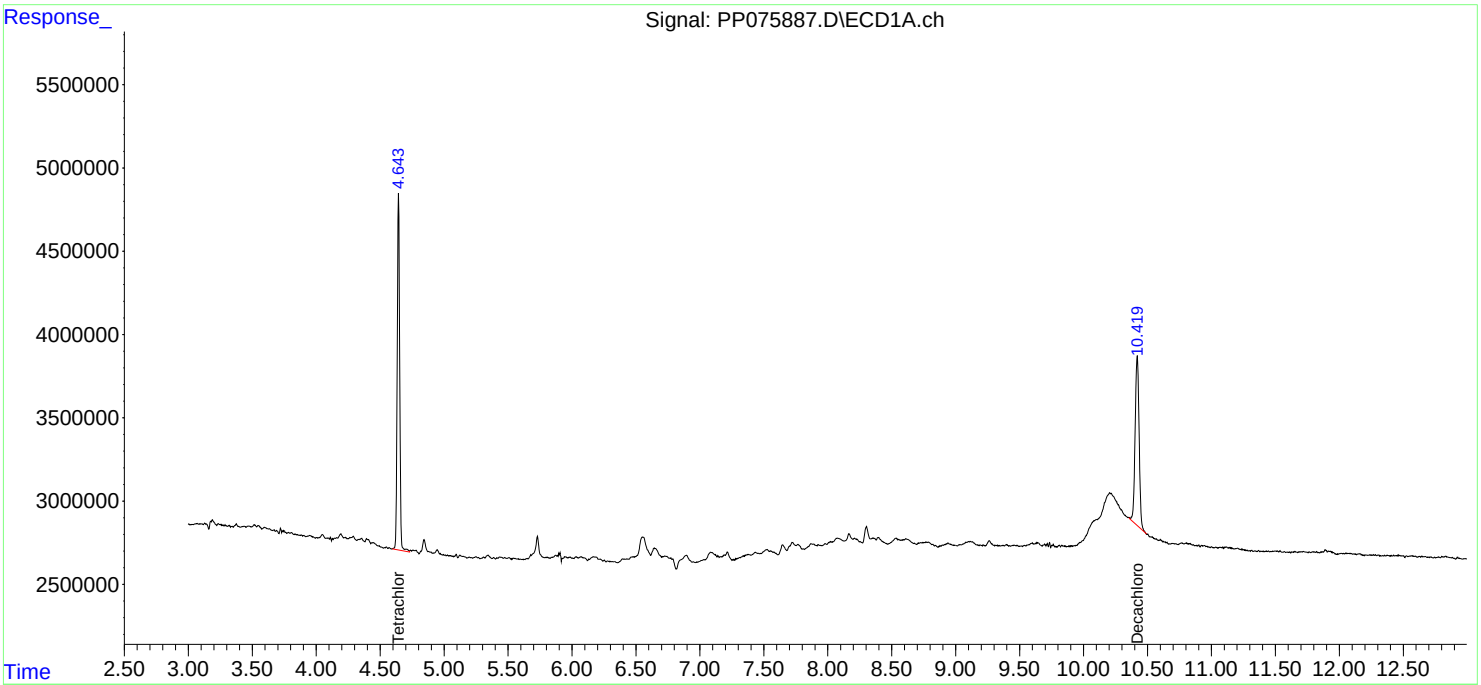
**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

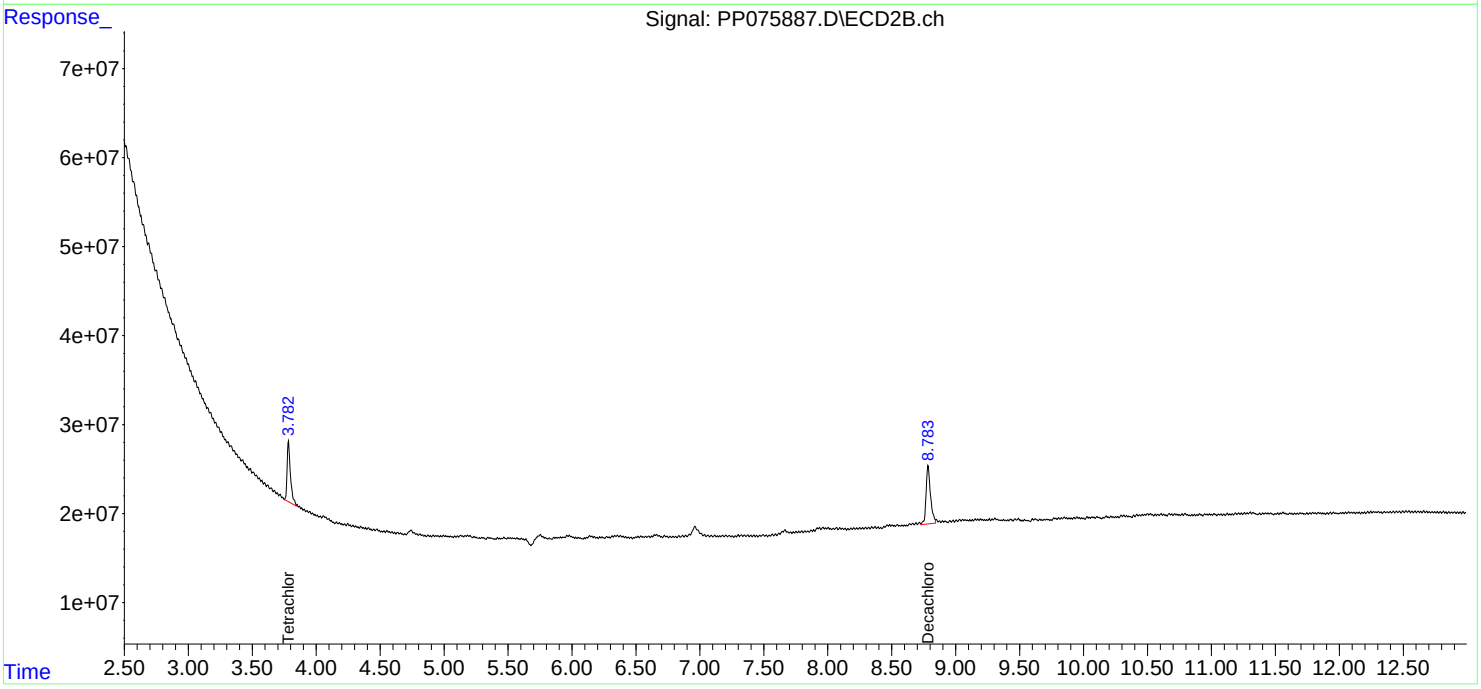
**Manual Integrations APPROVED**

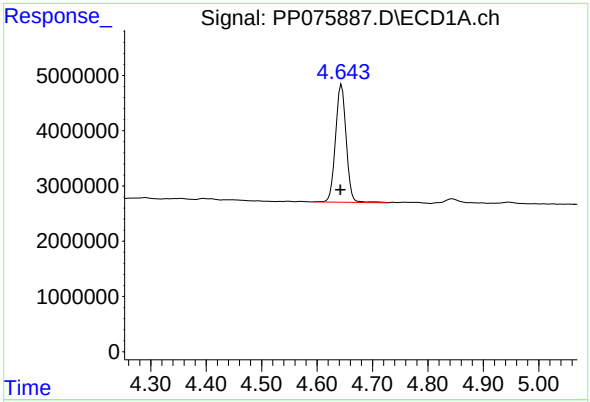
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:26:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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





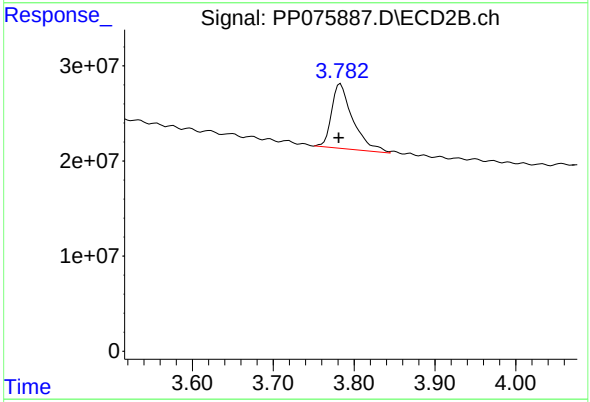

#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.002 min
Response: 28503905
Conc: 19.95 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

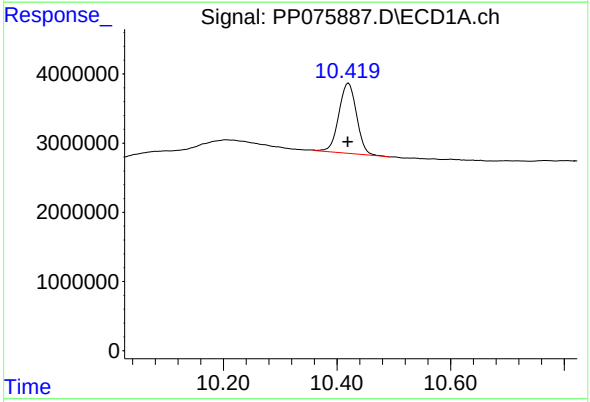
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



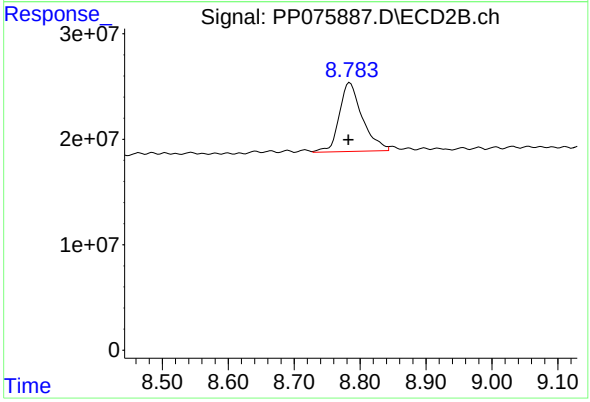

#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.002 min
Response: 124709992
Conc: 18.84 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 21974278
Conc: 20.41 ng/ml m




#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.002 min
Response: 158550080
Conc: 19.28 ng/ml

Raw Data: **PP076067.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/27/25 |
| Project: | RFP 905 | Date Received: | 10/27/25 |
| Client Sample ID: | PIBLK-PP076067.D | SDG No.: | Q3447 |
| Lab Sample ID: | I.BLK-PP076067.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | PCB |
| Prep Method: | 5030 Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.097 | U | 1 | 0.097 | 0.50 | ug/L | 10/27/25 | PP102725 |
| 11104-28-2 | Aroclor-1221 | 0.13 | U | 1 | 0.13 | 0.50 | ug/L | 10/27/25 | PP102725 |
| 11141-16-5 | Aroclor-1232 | 0.096 | U | 1 | 0.096 | 0.50 | ug/L | 10/27/25 | PP102725 |
| 53469-21-9 | Aroclor-1242 | 0.12 | U | 1 | 0.12 | 0.50 | ug/L | 10/27/25 | PP102725 |
| 12672-29-6 | Aroclor-1248 | 0.071 | U | 1 | 0.071 | 0.50 | ug/L | 10/27/25 | PP102725 |
| 11097-69-1 | Aroclor-1254 | 0.094 | U | 1 | 0.094 | 0.50 | ug/L | 10/27/25 | PP102725 |
| 11096-82-5 | Aroclor-1260 | 0.081 | U | 1 | 0.081 | 0.50 | ug/L | 10/27/25 | PP102725 |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 1 | 0.14 | 0.50 | ug/L | 10/27/25 | PP102725 |
| 11100-14-4 | Aroclor-1268 | 0.11 | U | 1 | 0.11 | 0.50 | ug/L | 10/27/25 | PP102725 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 18.9 | | | 60 - 140 | 95% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 18.2 | | | 60 - 140 | 91% | SPK: 20 | | |

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: **PP076067.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076067.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:02
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: Oct 27 11:02:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.638 | 3.778 | 31506659 | 125.1E6 | 22.047 | 18.907 |
| 2) | SA Decachlor... | 10.404 | 8.773 | 24084542 | 150.0E6 | 22.372 | 18.238 |
| | Target Compounds | | | | | | |

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

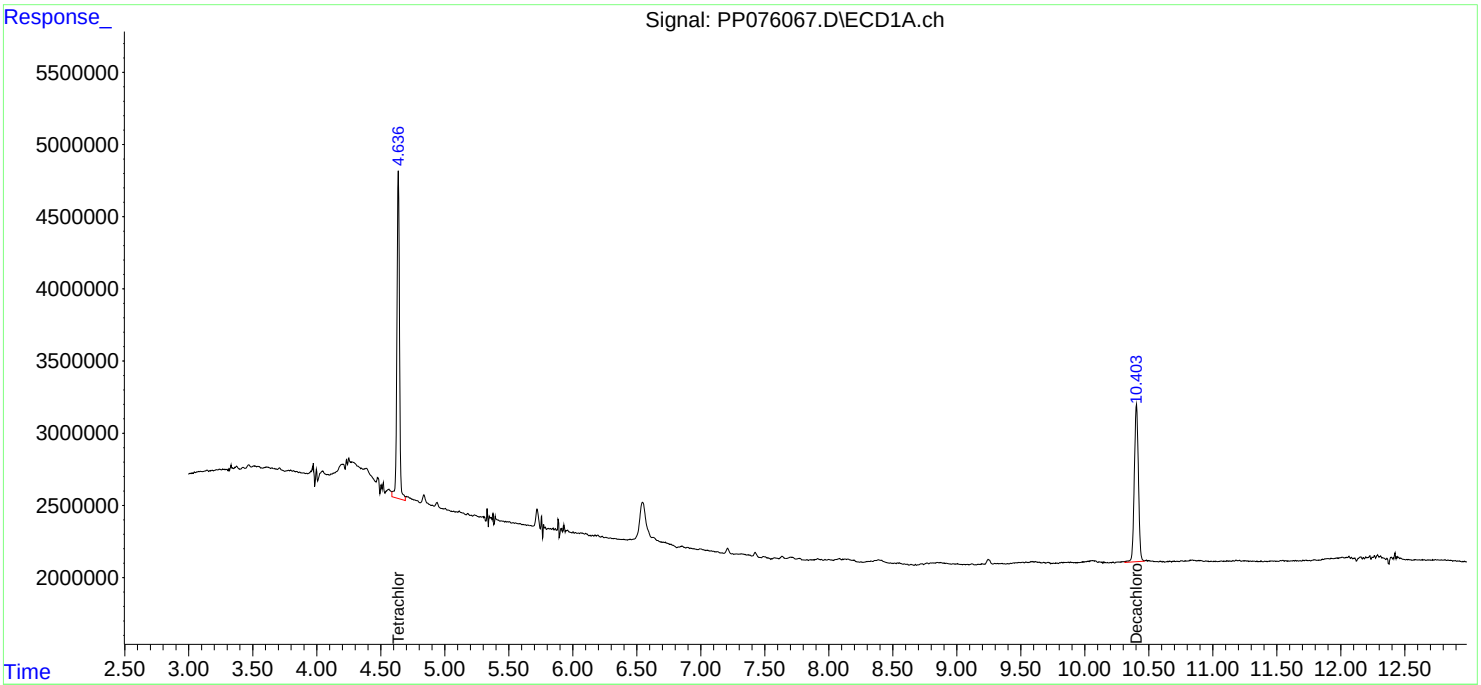
Sample Results: **PP076067.D**

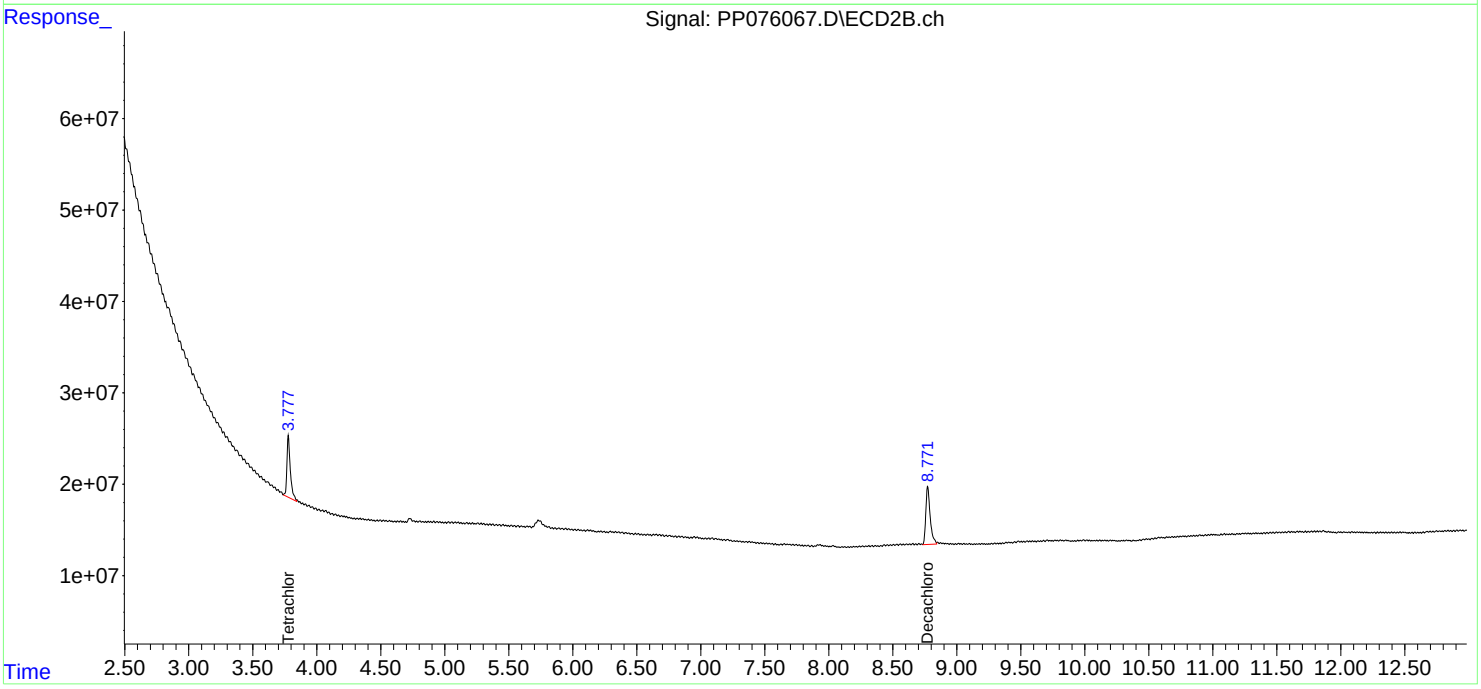
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076067.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:02
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

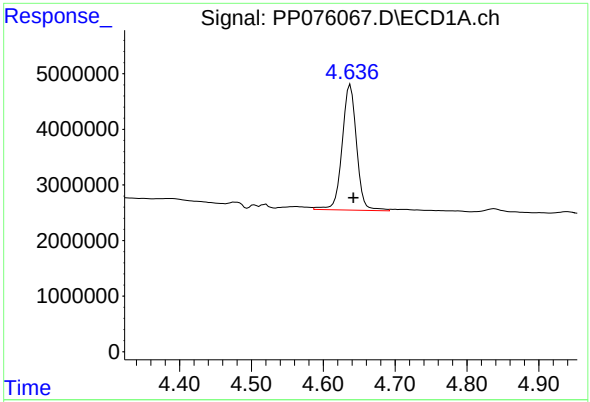
**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:02:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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



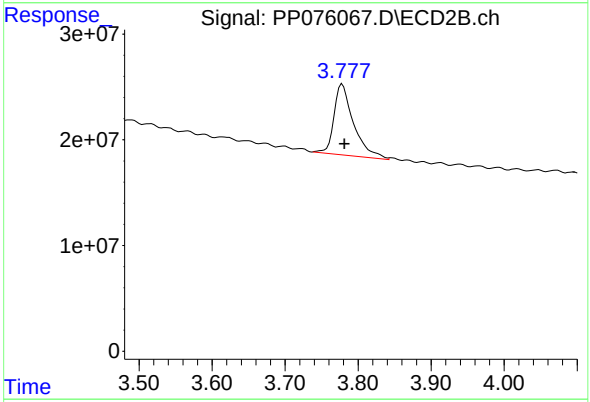






#1 Tetrachloro-m-xylene

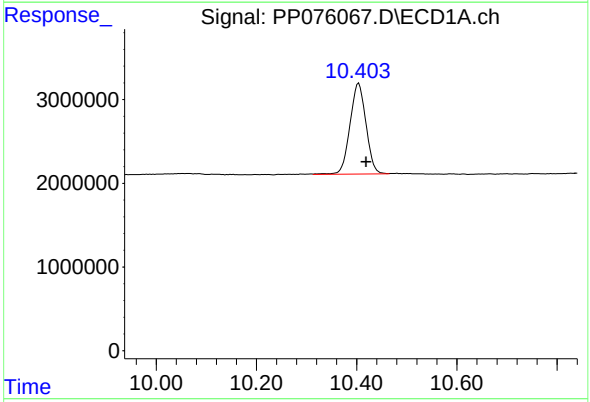
R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 31506659
Conc: 22.05 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK



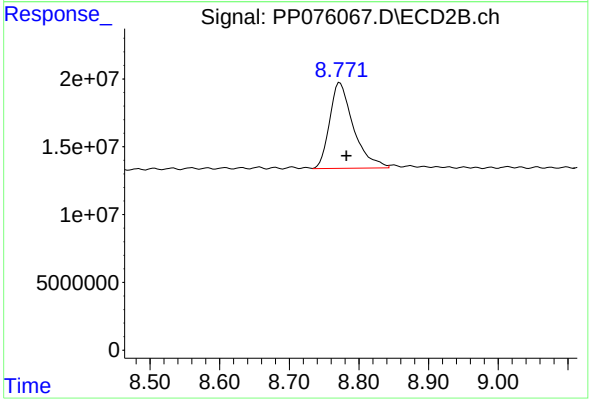

#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: -0.003 min
Response: 125130938
Conc: 18.91 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.015 min
Response: 24084542
Conc: 22.37 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.009 min
Response: 149972909
Conc: 18.24 ng/ml

Raw Data: **PP076082.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/27/25 |
| Project: | RFP 905 | Date Received: | 10/27/25 |
| Client Sample ID: | PIBLK-PP076082.D | SDG No.: | Q3447 |
| Lab Sample ID: | I.BLK-PP076082.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | PCB |
| Prep Method: | 5030 Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.097 | U | 1 | 0.097 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 11104-28-2 | Aroclor-1221 | 0.13 | U | 1 | 0.13 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 11141-16-5 | Aroclor-1232 | 0.096 | U | 1 | 0.096 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 53469-21-9 | Aroclor-1242 | 0.12 | U | 1 | 0.12 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 12672-29-6 | Aroclor-1248 | 0.071 | U | 1 | 0.071 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 11097-69-1 | Aroclor-1254 | 0.094 | U | 1 | 0.094 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 11096-82-5 | Aroclor-1260 | 0.081 | U | 1 | 0.081 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 1 | 0.14 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 11100-14-4 | Aroclor-1268 | 0.11 | U | 1 | 0.11 | 0.50 | ug/L | 10/27/25 | pp102725 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 17.1 | | | 60 - 140 | 86% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 16.7 | | | 60 - 140 | 83% | SPK: 20 | | |

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\PP102725\
Data File : PP076082.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 27 Oct 2025  15:13
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: Oct 28 01:03:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.639 | 3.778 | 27067383 | 113.2E6 | 18.940 | 17.111 |
| 2) | SA Decachlor... | 10.406 | 8.774 | 21916774 | 137.1E6 | 20.359 | 16.668 |
| | Target Compounds | | | | | | |

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

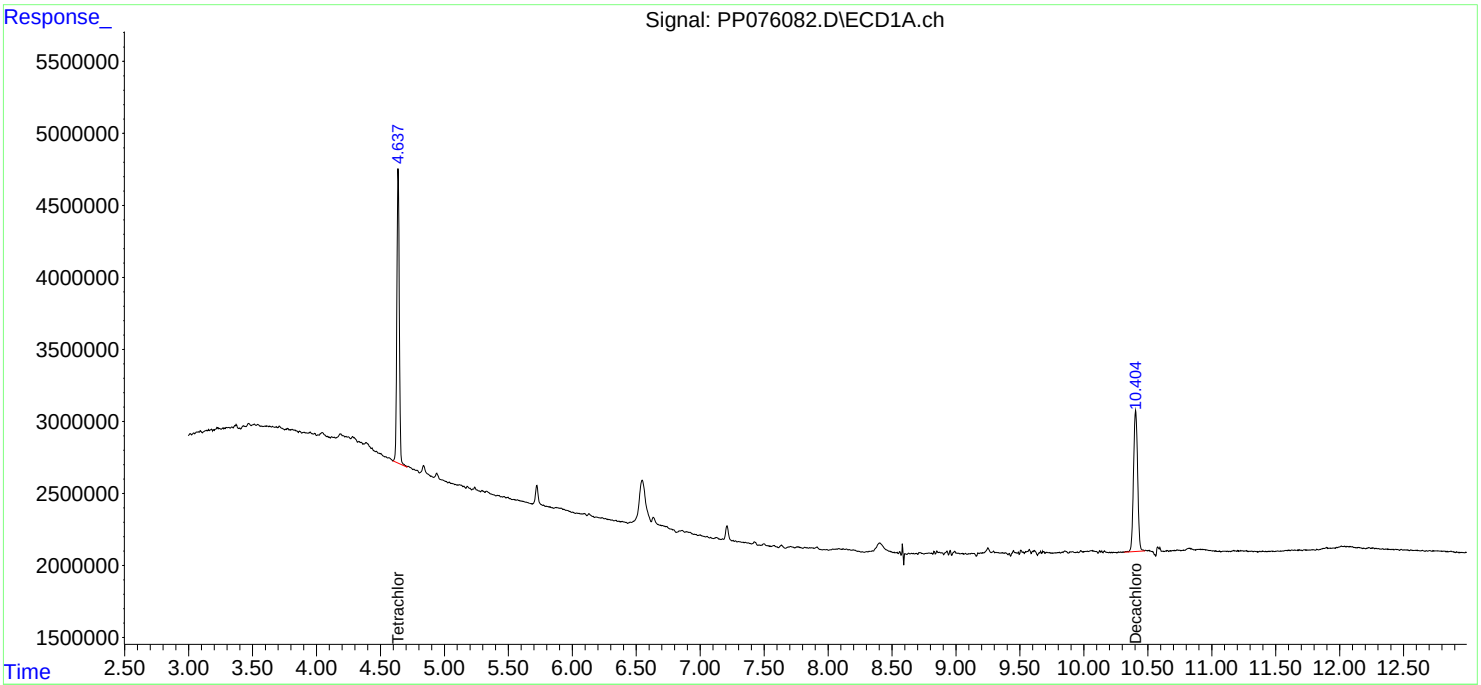
Sample Results: **PP076082.D**

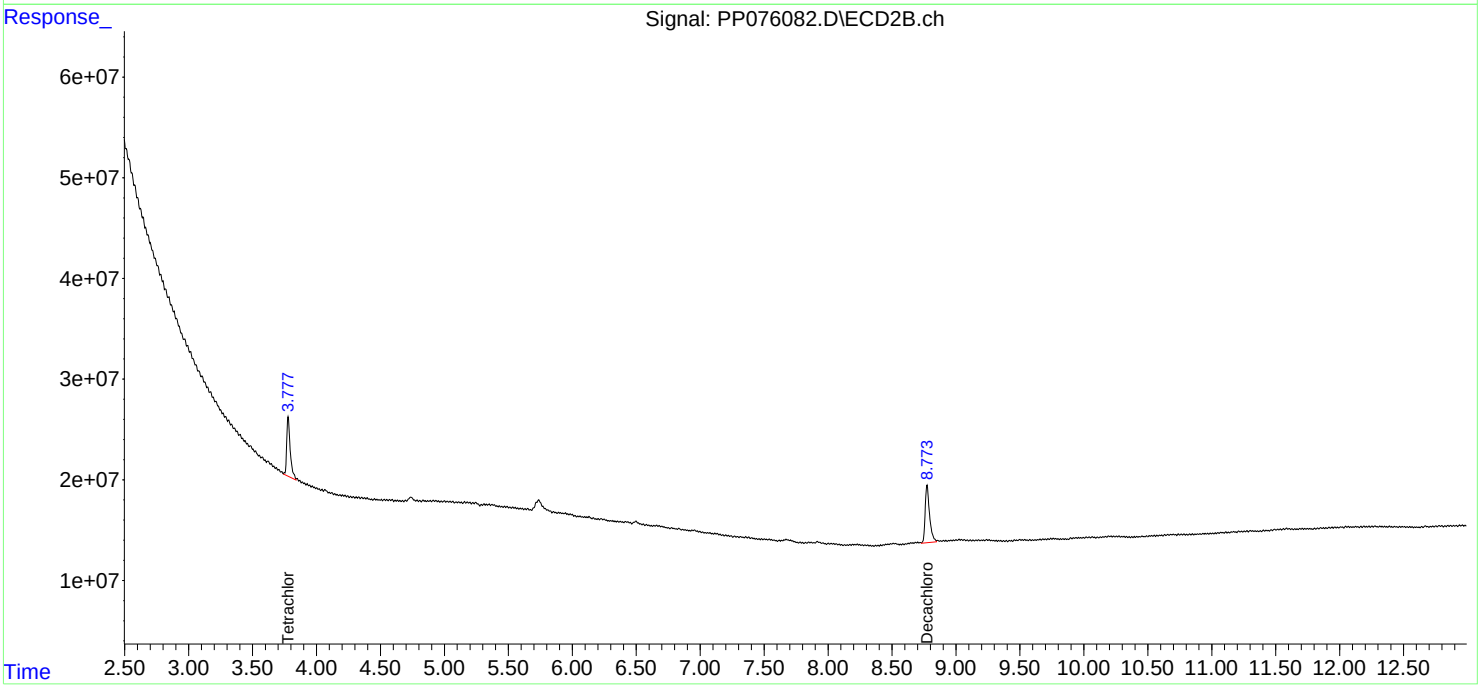
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076082.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 15:13
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

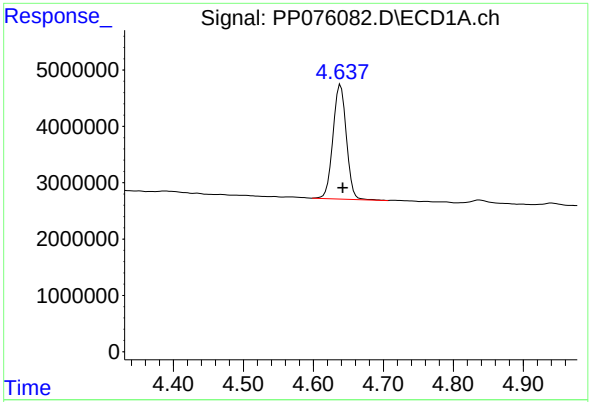
**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:03:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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



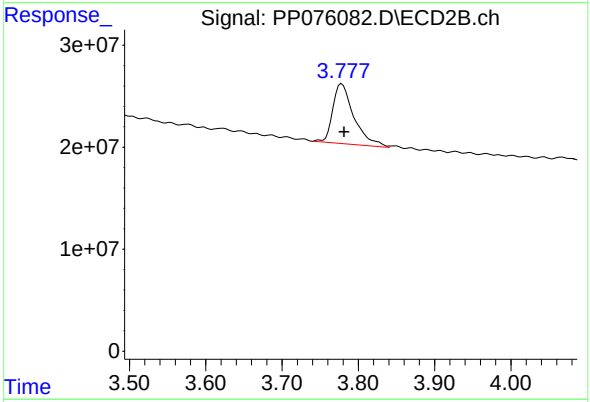






#1 Tetrachloro-m-xylene

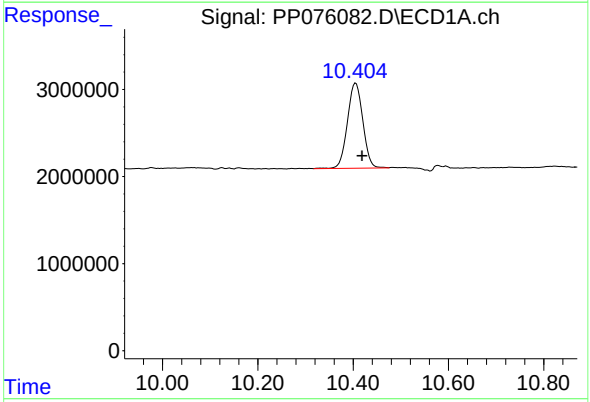
R.T.: 4.639 min
Delta R.T.: -0.003 min
Response: 27067383
Conc: 18.94 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK



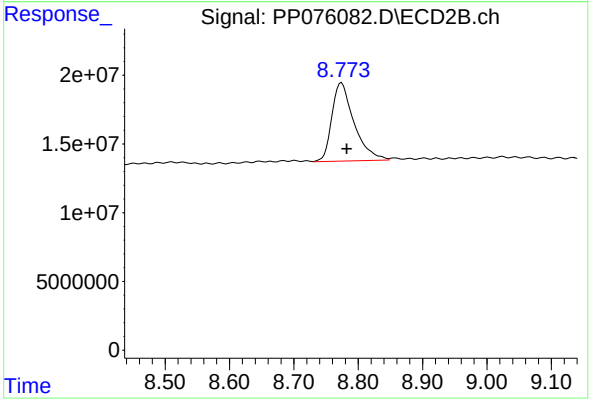

#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: -0.003 min
Response: 113248293
Conc: 17.11 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.013 min
Response: 21916774
Conc: 20.36 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.774 min
Delta R.T.: -0.008 min
Response: 137057682
Conc: 16.67 ng/ml

Raw Data: **PP076097.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/27/25 |
| Project: | RFP 905 | Date Received: | 10/27/25 |
| Client Sample ID: | PIBLK-PP076097.D | SDG No.: | Q3447 |
| Lab Sample ID: | I.BLK-PP076097.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | PCB |
| Prep Method: | 5030 Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.097 | U | 1 | 0.097 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 11104-28-2 | Aroclor-1221 | 0.13 | U | 1 | 0.13 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 11141-16-5 | Aroclor-1232 | 0.096 | U | 1 | 0.096 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 53469-21-9 | Aroclor-1242 | 0.12 | U | 1 | 0.12 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 12672-29-6 | Aroclor-1248 | 0.071 | U | 1 | 0.071 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 11097-69-1 | Aroclor-1254 | 0.094 | U | 1 | 0.094 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 11096-82-5 | Aroclor-1260 | 0.081 | U | 1 | 0.081 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 1 | 0.14 | 0.50 | ug/L | 10/27/25 | pp102725 |
| 11100-14-4 | Aroclor-1268 | 0.11 | U | 1 | 0.11 | 0.50 | ug/L | 10/27/25 | pp102725 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 16.8 | | | 60 - 140 | 84% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 17.5 | | | 60 - 140 | 87% | SPK: 20 | | |

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\PP102725\
Data File : PP076097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 20:38
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: Oct 28 01:07:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.637 | 3.779 | 26678691 | 111.2E6 | 18.668 | 16.806 |
| 2) | SA Decachlor... | 10.404 | 8.772 | 22009255 | 143.8E6 | 20.445 | 17.486 |
| | Target Compounds | | | | | | |

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

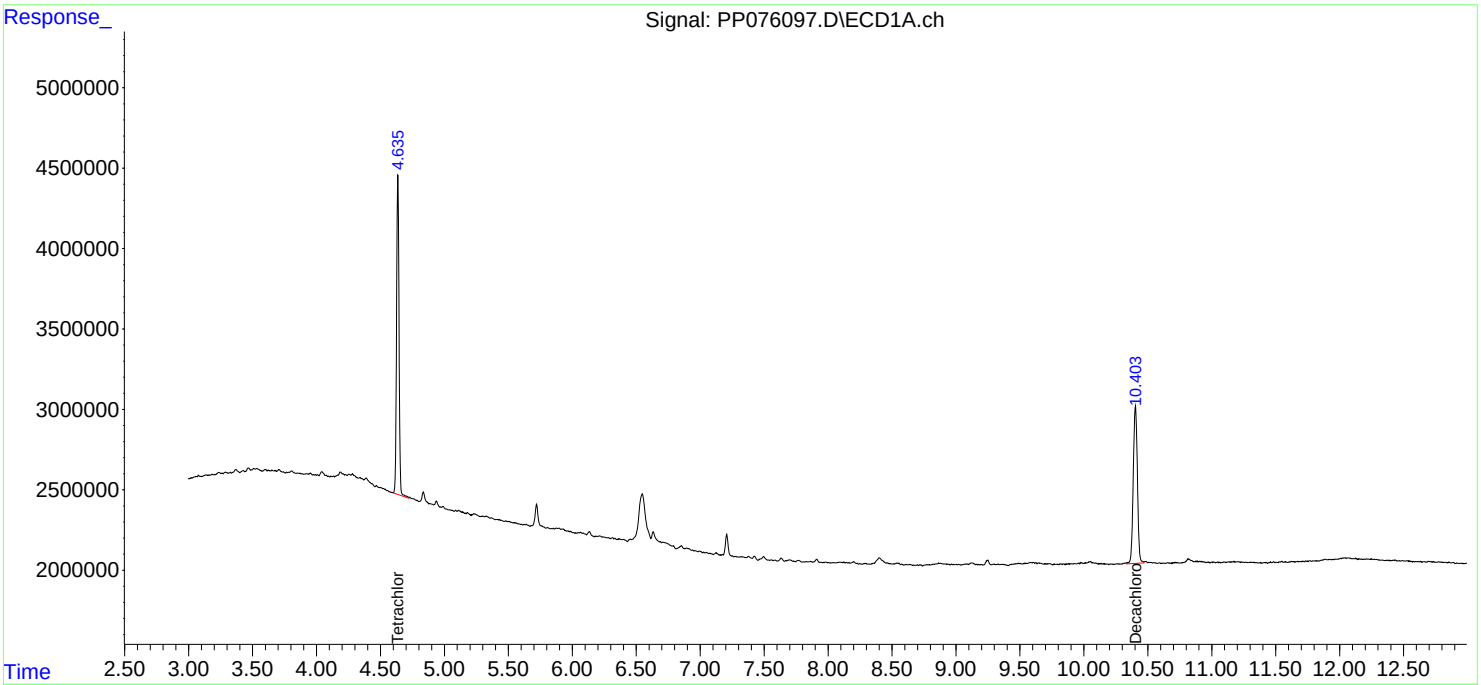
Sample Results: **PP076097.D**

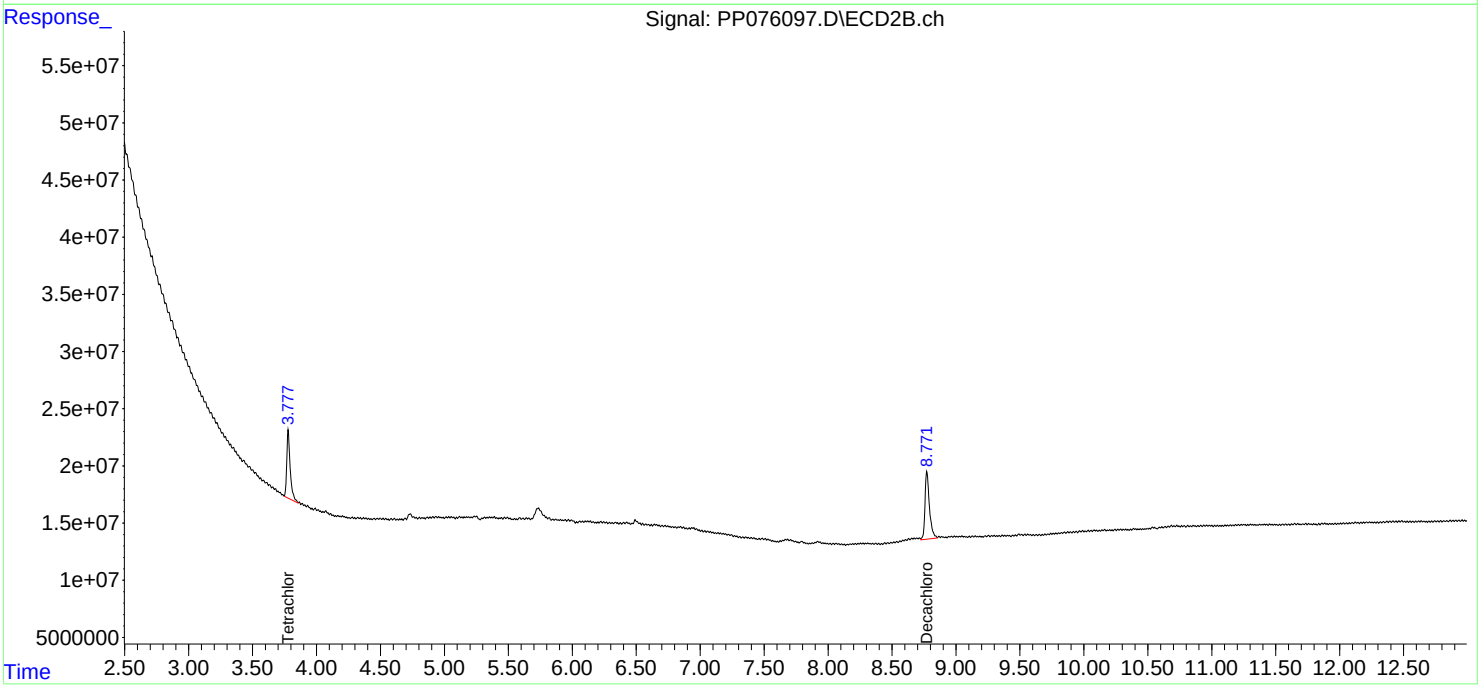
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 20:38
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

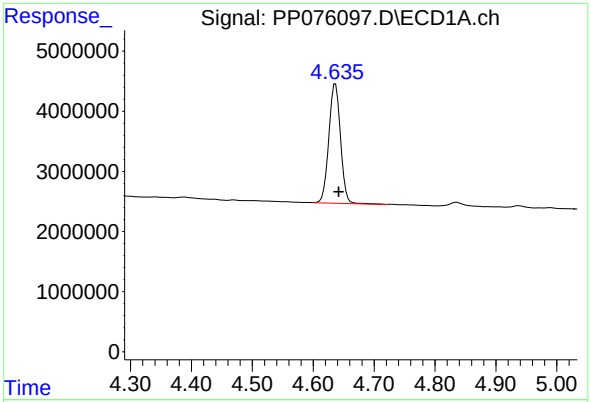
**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:07:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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



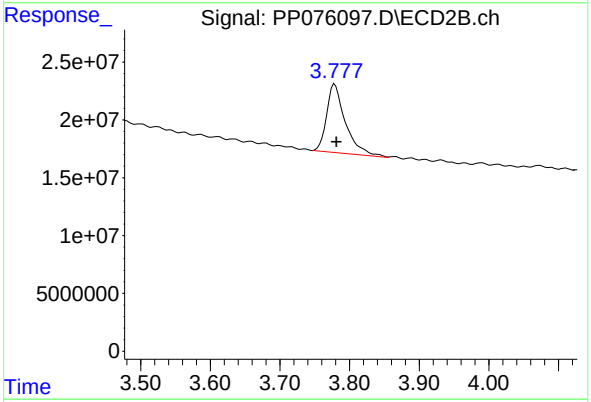






#1 Tetrachloro-m-xylene

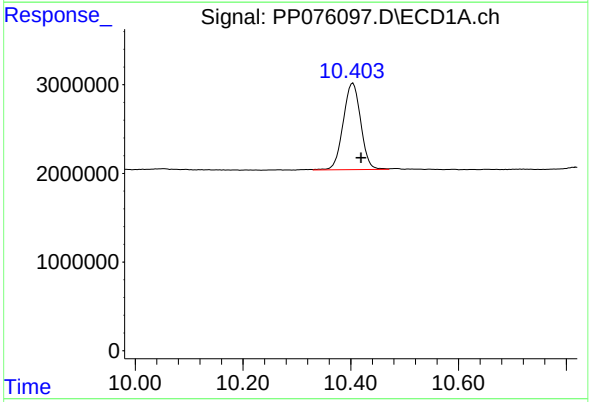
R.T.: 4.637 min
Delta R.T.: -0.005 min
Response: 26678691
Conc: 18.67 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK



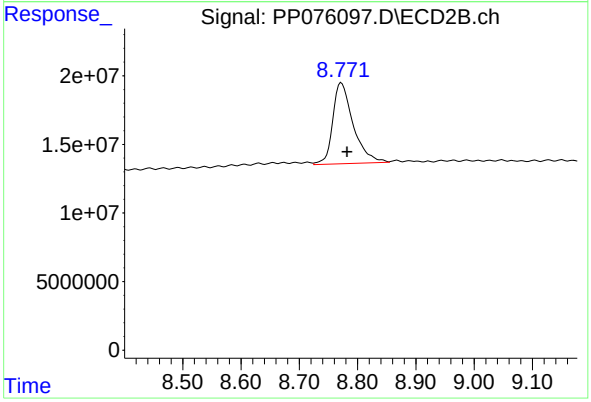

#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: -0.003 min
Response: 111229831
Conc: 16.81 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.015 min
Response: 22009255
Conc: 20.44 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.772 min
Delta R.T.: -0.010 min
Response: 143789161
Conc: 17.49 ng/ml

Raw Data: **PP076115.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/28/25 |
| Project: | RFP 905 | Date Received: | 10/28/25 |
| Client Sample ID: | PIBLK-PP076115.D | SDG No.: | Q3447 |
| Lab Sample ID: | I.BLK-PP076115.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | PCB |
| Prep Method: | 5030 Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.097 | U | 1 | 0.097 | 0.50 | ug/L | 10/28/25 | PP102825 |
| 11104-28-2 | Aroclor-1221 | 0.13 | U | 1 | 0.13 | 0.50 | ug/L | 10/28/25 | PP102825 |
| 11141-16-5 | Aroclor-1232 | 0.096 | U | 1 | 0.096 | 0.50 | ug/L | 10/28/25 | PP102825 |
| 53469-21-9 | Aroclor-1242 | 0.12 | U | 1 | 0.12 | 0.50 | ug/L | 10/28/25 | PP102825 |
| 12672-29-6 | Aroclor-1248 | 0.071 | U | 1 | 0.071 | 0.50 | ug/L | 10/28/25 | PP102825 |
| 11097-69-1 | Aroclor-1254 | 0.094 | U | 1 | 0.094 | 0.50 | ug/L | 10/28/25 | PP102825 |
| 11096-82-5 | Aroclor-1260 | 0.081 | U | 1 | 0.081 | 0.50 | ug/L | 10/28/25 | PP102825 |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 1 | 0.14 | 0.50 | ug/L | 10/28/25 | PP102825 |
| 11100-14-4 | Aroclor-1268 | 0.11 | U | 1 | 0.11 | 0.50 | ug/L | 10/28/25 | PP102825 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 16.2 | | | 60 - 140 | 81% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 15.9 | | | 60 - 140 | 79% | SPK: 20 | | |

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\PP102825\
Data File : PP076115.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 10:48
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: Oct 28 11:53:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.640 | 3.782 | 26178136 | 107.3E6 | 18.318 | 16.219 |
| 2) | SA Decachlor... | 10.406 | 8.775 | 20840605 | 130.6E6 | 19.359 | 15.888 |
| | Target Compounds | | | | | | |

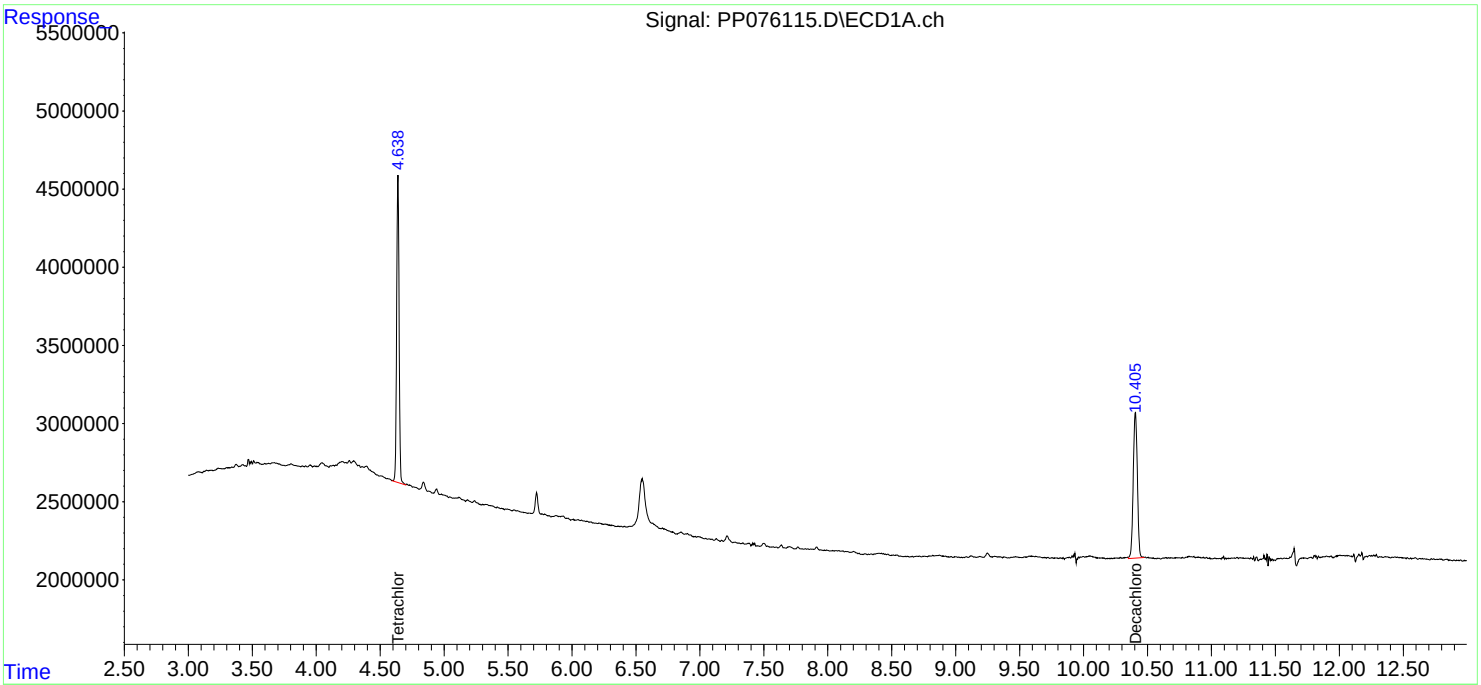
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

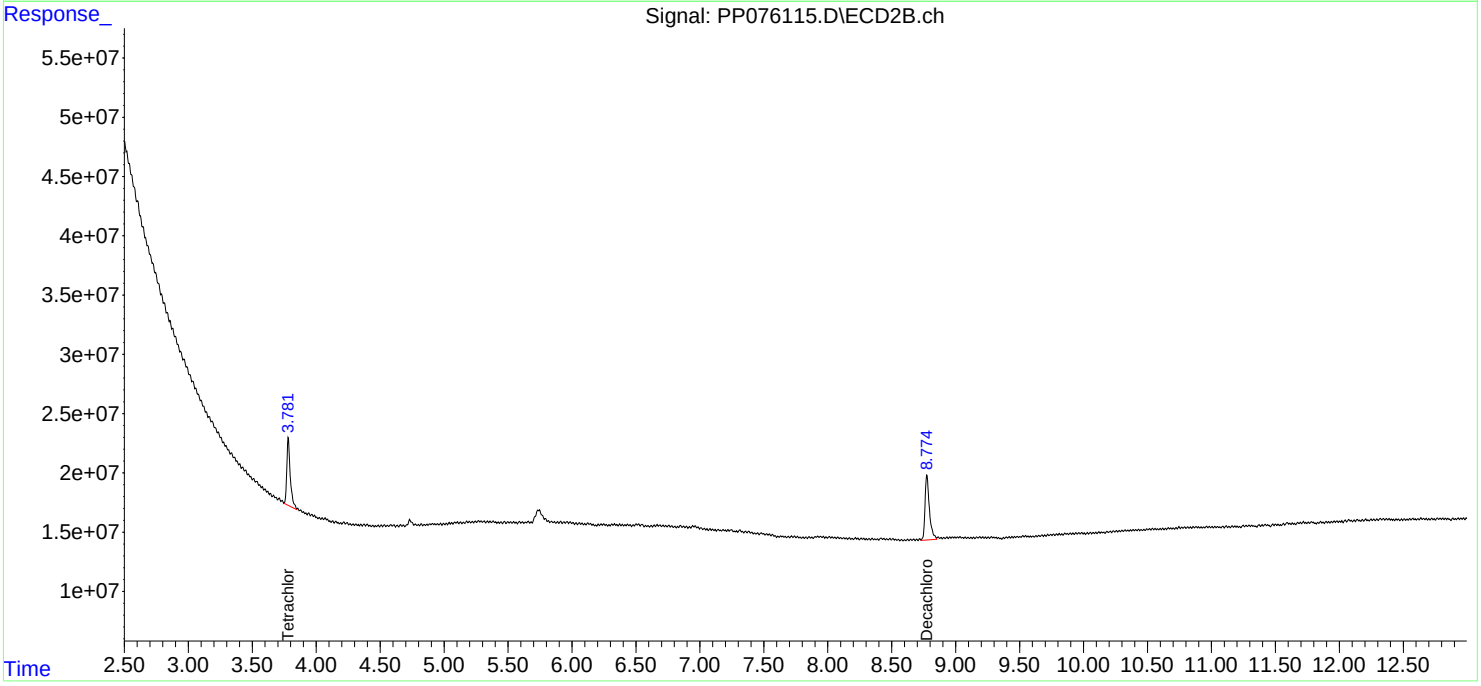
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076115.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 10:48
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

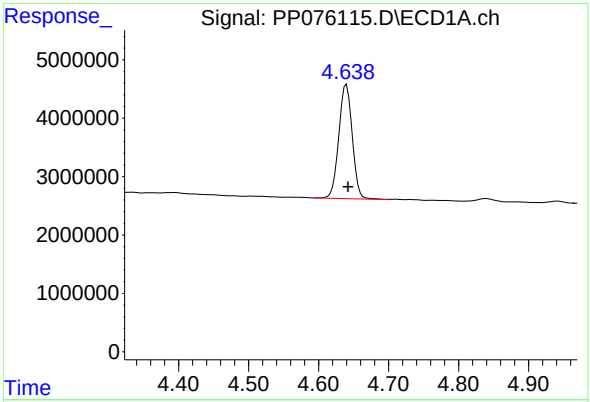
**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:53:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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



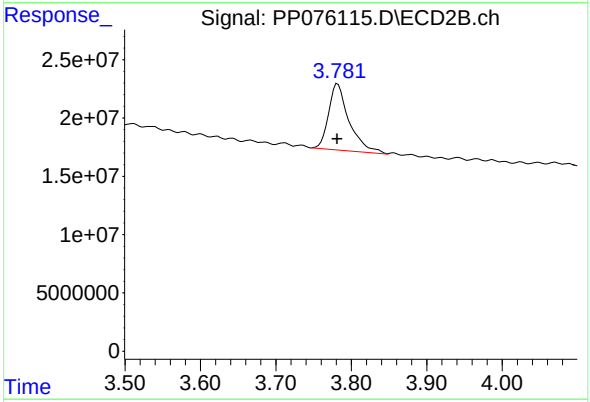






#1 Tetrachloro-m-xylene

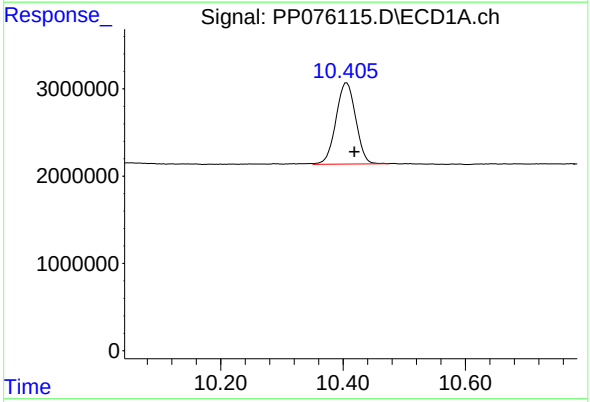
R.T.: 4.640 min
Delta R.T.: -0.002 min
Response: 26178136
Conc: 18.32 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK



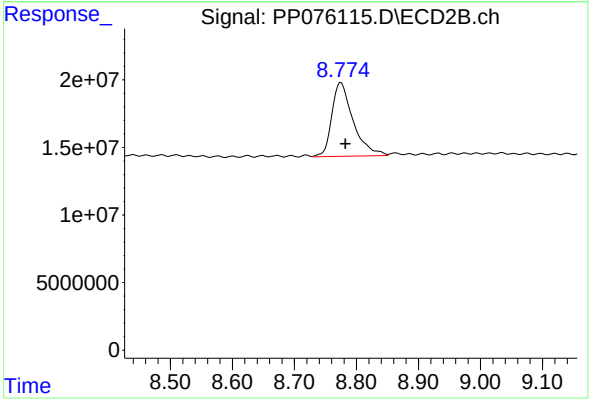

#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 107342690
Conc: 16.22 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.013 min
Response: 20840605
Conc: 19.36 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.007 min
Response: 130647935
Conc: 15.89 ng/ml

Raw Data: **PP076131.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/28/25 |
| Project: | RFP 905 | Date Received: | 10/28/25 |
| Client Sample ID: | PIBLK-PP076131.D | SDG No.: | Q3447 |
| Lab Sample ID: | I.BLK-PP076131.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | PCB |
| Prep Method: | 5030 Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.097 | U | 1 | 0.097 | 0.50 | ug/L | 10/28/25 | pp102825 |
| 11104-28-2 | Aroclor-1221 | 0.13 | U | 1 | 0.13 | 0.50 | ug/L | 10/28/25 | pp102825 |
| 11141-16-5 | Aroclor-1232 | 0.096 | U | 1 | 0.096 | 0.50 | ug/L | 10/28/25 | pp102825 |
| 53469-21-9 | Aroclor-1242 | 0.12 | U | 1 | 0.12 | 0.50 | ug/L | 10/28/25 | pp102825 |
| 12672-29-6 | Aroclor-1248 | 0.071 | U | 1 | 0.071 | 0.50 | ug/L | 10/28/25 | pp102825 |
| 11097-69-1 | Aroclor-1254 | 0.094 | U | 1 | 0.094 | 0.50 | ug/L | 10/28/25 | pp102825 |
| 11096-82-5 | Aroclor-1260 | 0.081 | U | 1 | 0.081 | 0.50 | ug/L | 10/28/25 | pp102825 |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 1 | 0.14 | 0.50 | ug/L | 10/28/25 | pp102825 |
| 11100-14-4 | Aroclor-1268 | 0.11 | U | 1 | 0.11 | 0.50 | ug/L | 10/28/25 | pp102825 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 16.3 | | | 60 - 140 | 81% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 16.2 | | | 60 - 140 | 81% | SPK: 20 | | |

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\PP102825\
Data File : PP076131.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 15:57
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: Oct 29 01:41:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.638 | 3.778 | 25628281 | 107.6E6 | 17.933 | 16.258 |
| 2) | SA Decachlor... | 10.405 | 8.773 | 20205782 | 133.1E6 | 18.769 | 16.183 |
| | Target Compounds | | | | | | |

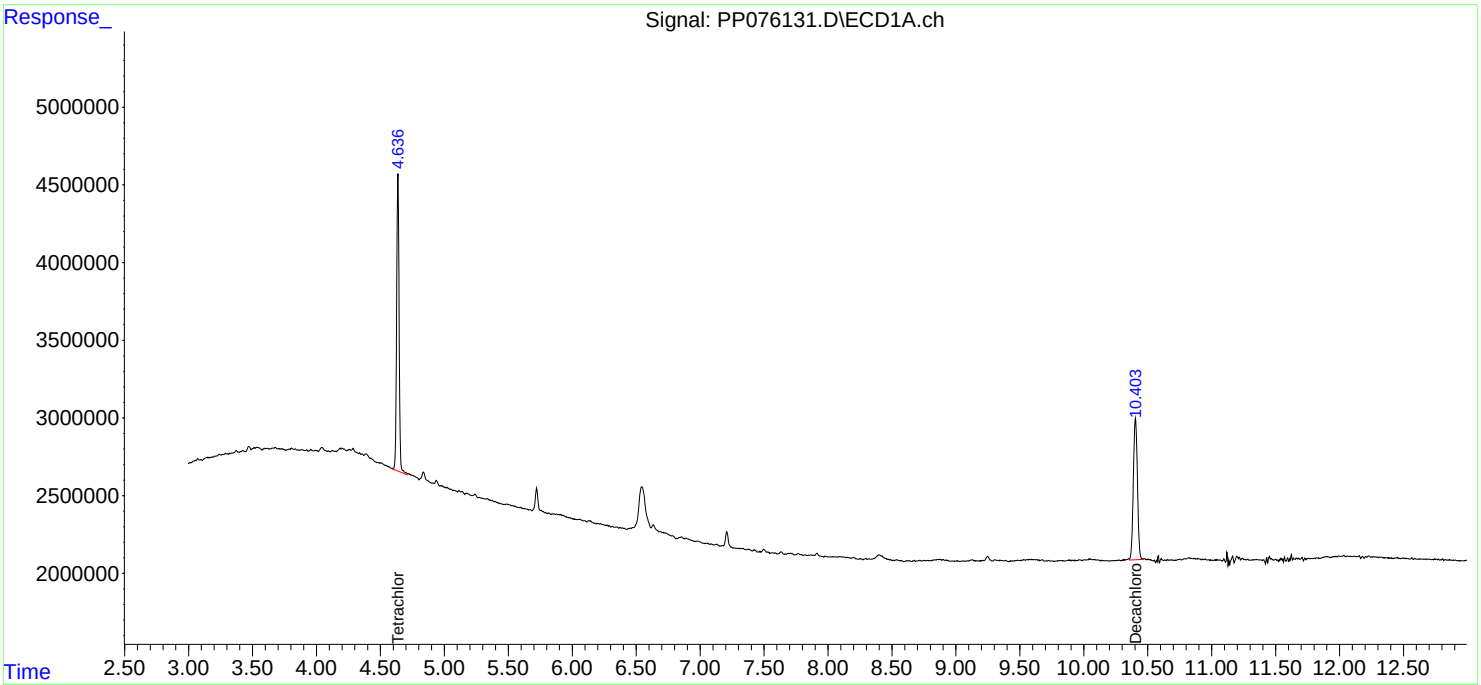
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

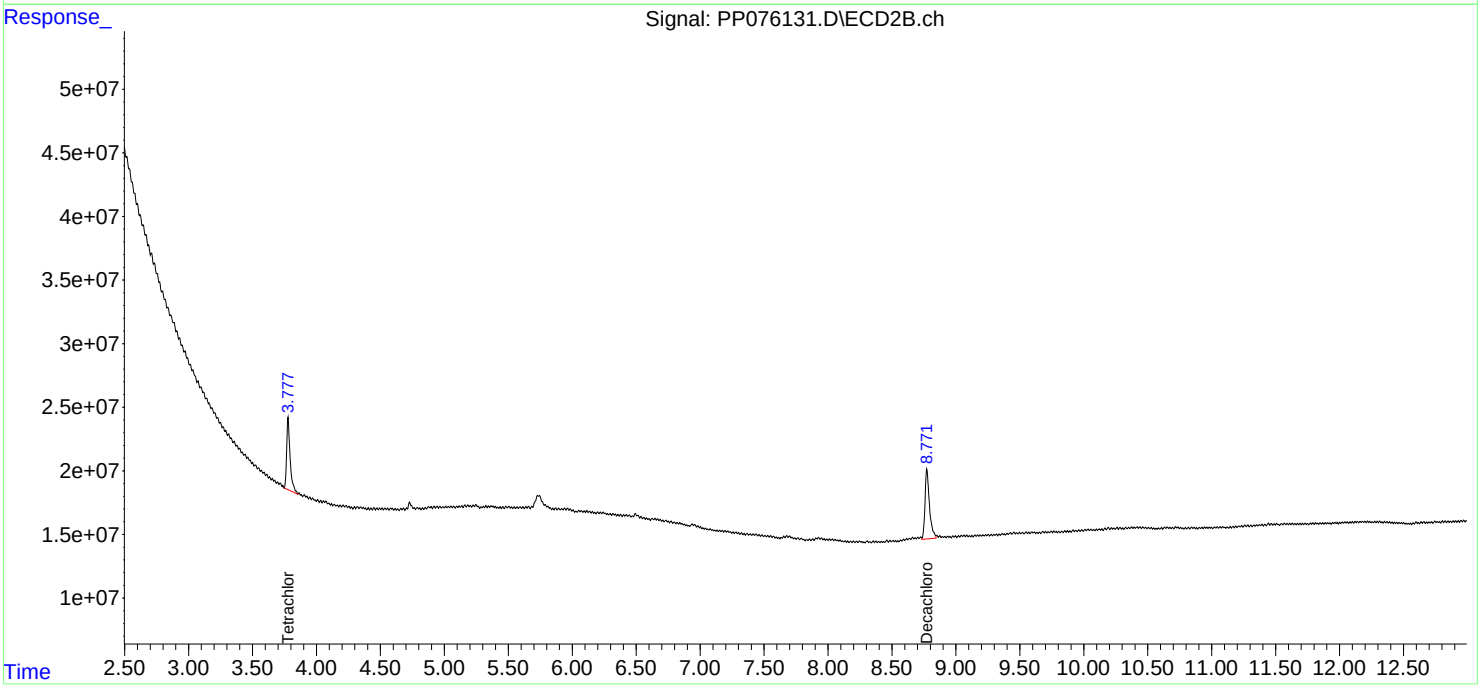
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076131.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 15:57
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

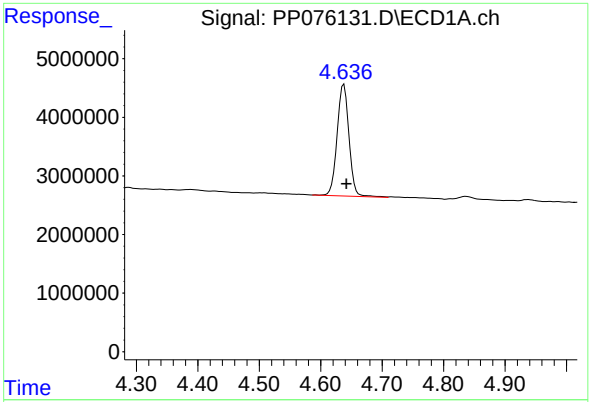
**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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



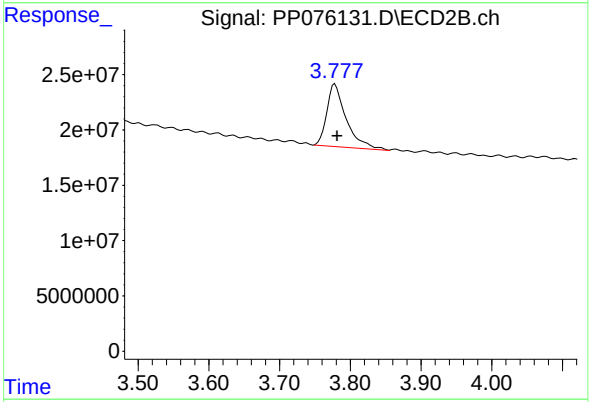






#1 Tetrachloro-m-xylene

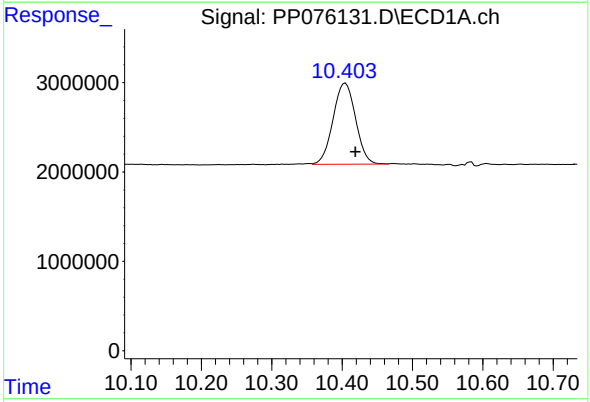
R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 25628281
Conc: 17.93 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK



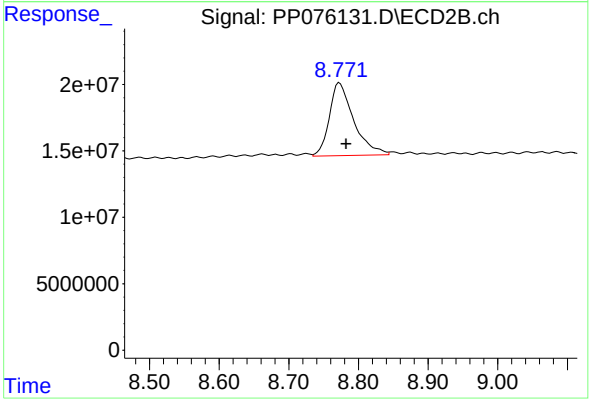

#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: -0.003 min
Response: 107599169
Conc: 16.26 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.014 min
Response: 20205782
Conc: 18.77 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.009 min
Response: 133074222
Conc: 16.18 ng/ml

Raw Data: **PQ070972.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/10/25 |
| Project: | RFP 905 | Date Received: | 10/10/25 |
| Client Sample ID: | PIBLK-PQ070972.D | SDG No.: | Q3447 |
| Lab Sample ID: | I.BLK-PQ070972.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | PCB |
| Prep Method: | 5030 Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.097 | U | 1 | 0.097 | 0.50 | ug/L | 10/10/25 | pq101025 |
| 11104-28-2 | Aroclor-1221 | 0.13 | U | 1 | 0.13 | 0.50 | ug/L | 10/10/25 | pq101025 |
| 11141-16-5 | Aroclor-1232 | 0.096 | U | 1 | 0.096 | 0.50 | ug/L | 10/10/25 | pq101025 |
| 53469-21-9 | Aroclor-1242 | 0.12 | U | 1 | 0.12 | 0.50 | ug/L | 10/10/25 | pq101025 |
| 12672-29-6 | Aroclor-1248 | 0.071 | U | 1 | 0.071 | 0.50 | ug/L | 10/10/25 | pq101025 |
| 11097-69-1 | Aroclor-1254 | 0.094 | U | 1 | 0.094 | 0.50 | ug/L | 10/10/25 | pq101025 |
| 11096-82-5 | Aroclor-1260 | 0.081 | U | 1 | 0.081 | 0.50 | ug/L | 10/10/25 | pq101025 |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 1 | 0.14 | 0.50 | ug/L | 10/10/25 | pq101025 |
| 11100-14-4 | Aroclor-1268 | 0.11 | U | 1 | 0.11 | 0.50 | ug/L | 10/10/25 | pq101025 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 18.3 | | | 60 - 140 | 91% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 19.0 | | | 60 - 140 | 95% | SPK: 20 | | |

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_Q\Data\PQ101025\
Data File : PQ070972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 08:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:32:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:24:38 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... | 3.400 | 2.778 | 79509611 | 97022264 | 18.277 | 19.099 |
| 2) | SA Decachlor... | 8.496 | 7.533 | 55246960 | 97962147 | 19.025 | 19.400 |
| | Target Compounds | | | | | | |

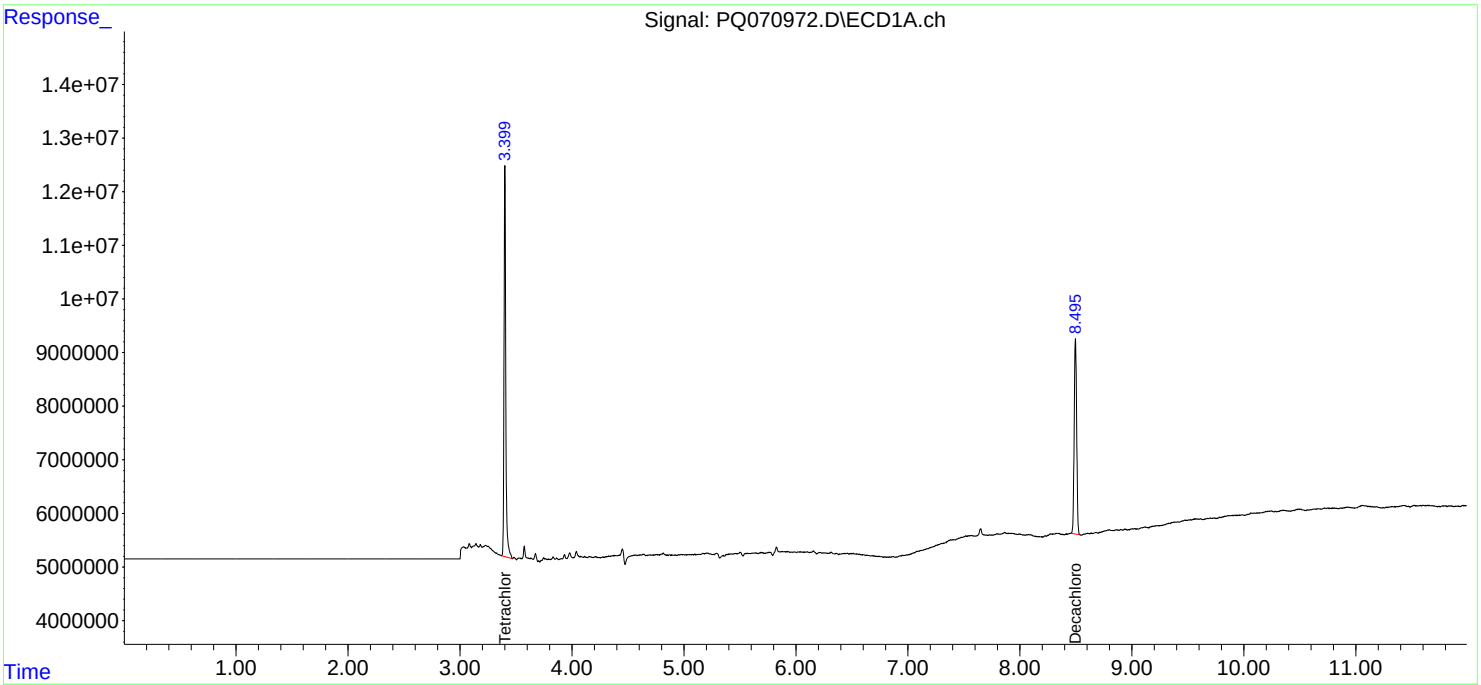
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

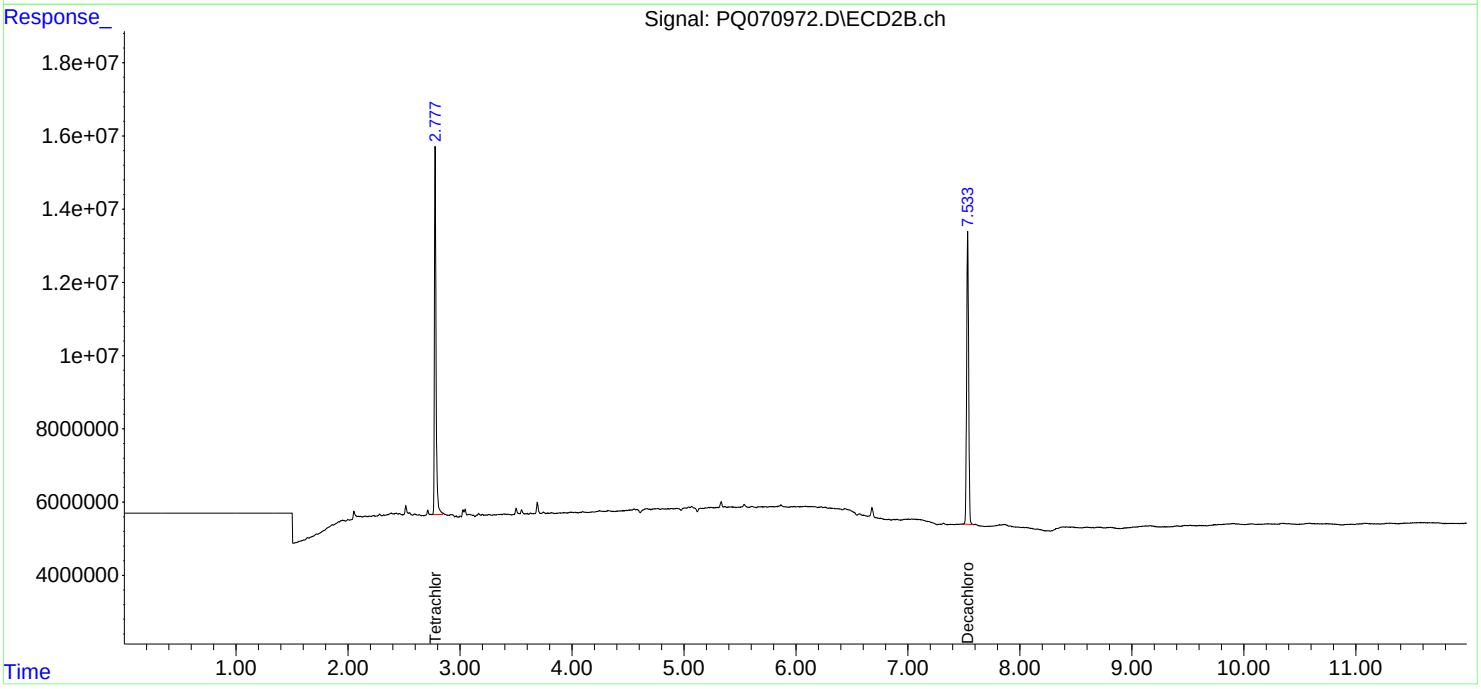
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 08:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

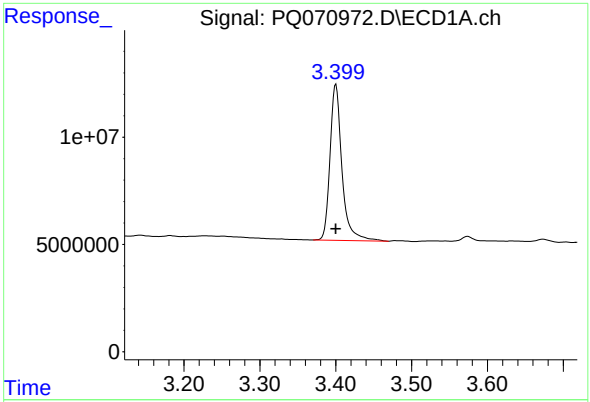
**Instrument :**
ECD_Q
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:32:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:24:38 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



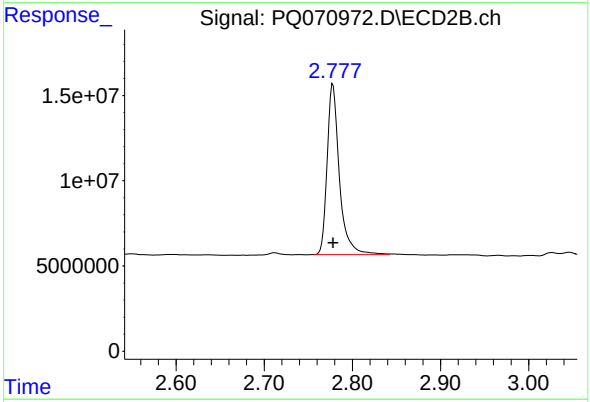






#1 Tetrachloro-m-xylene

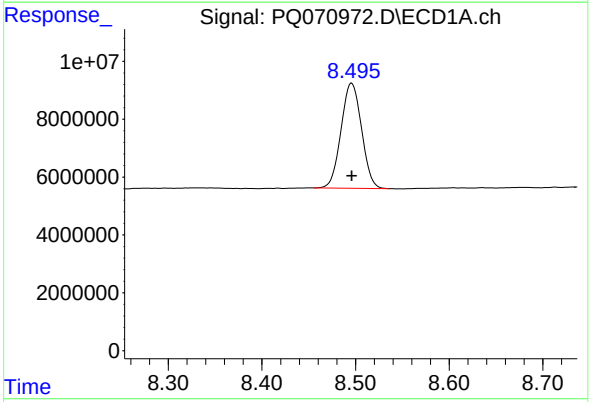
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 79509611
Conc: 18.28 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
I.BLK



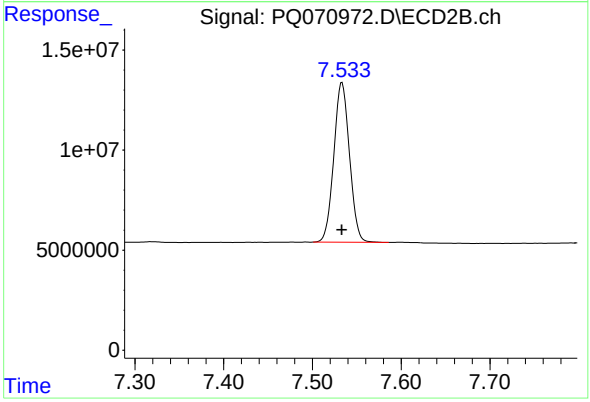

#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 97022264
Conc: 19.10 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 55246960
Conc: 19.02 ng/ml




#2 Decachlorobiphenyl

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 97962147
Conc: 19.40 ng/ml

Raw Data: **PQ071150.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/27/25 |
| Project: | RFP 905 | Date Received: | 10/27/25 |
| Client Sample ID: | PIBLK-PQ071150.D | SDG No.: | Q3447 |
| Lab Sample ID: | I.BLK-PQ071150.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | PCB |
| Prep Method: | 5030 Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.097 | U | 1 | 0.097 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 11104-28-2 | Aroclor-1221 | 0.13 | U | 1 | 0.13 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 11141-16-5 | Aroclor-1232 | 0.096 | U | 1 | 0.096 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 53469-21-9 | Aroclor-1242 | 0.12 | U | 1 | 0.12 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 12672-29-6 | Aroclor-1248 | 0.071 | U | 1 | 0.071 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 11097-69-1 | Aroclor-1254 | 0.094 | U | 1 | 0.094 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 11096-82-5 | Aroclor-1260 | 0.081 | U | 1 | 0.081 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 1 | 0.14 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 11100-14-4 | Aroclor-1268 | 0.11 | U | 1 | 0.11 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 19.9 | | | 60 - 140 | 100% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 24.5 | | | 60 - 140 | 122% | SPK: 20 | | |

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_Q\Data\PQ102725\
Data File : PQ071150.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 27 Oct 2025  09:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2  Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:28:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 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... | 3.401 | 2.776 | 97916618 | 101.1E6 | 22.508 | 19.909 |
| 2) | SA Decachlor... | 8.497 | 7.532 | 74642604 | 123.6E6 | 25.704 | 24.472 |
| | Target Compounds | | | | | | |

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

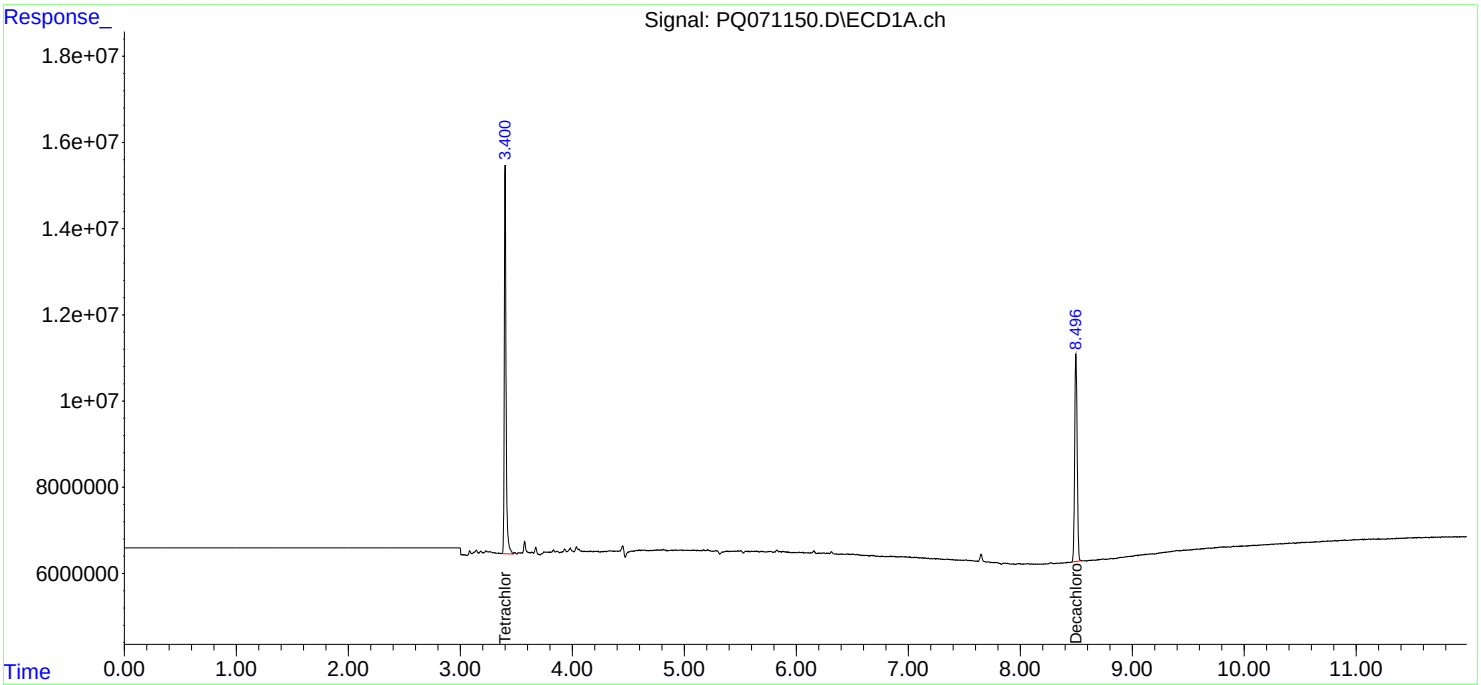
Sample Results: **PQ071150.D**

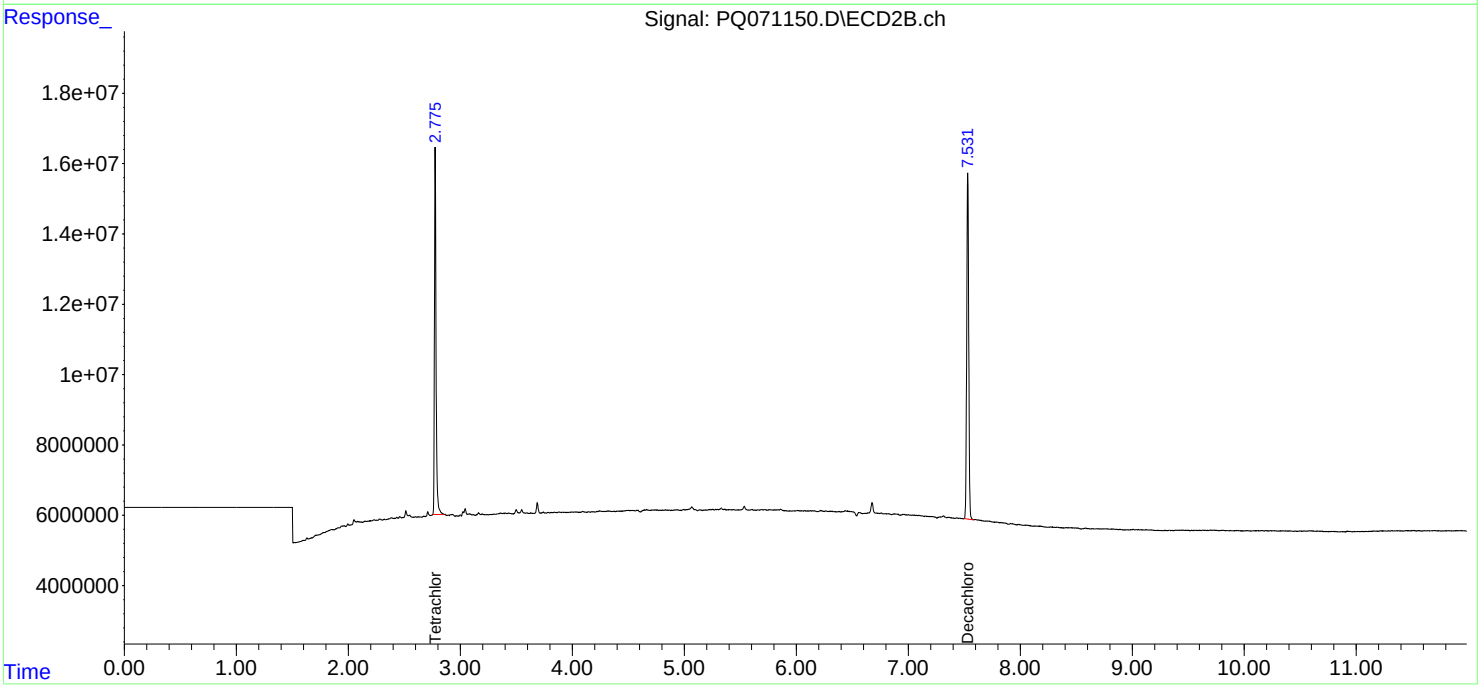
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071150.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 09:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

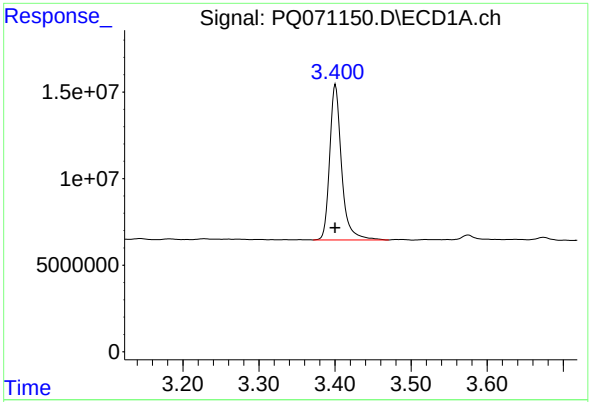
**Instrument :**
ECD_Q
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:28:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 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



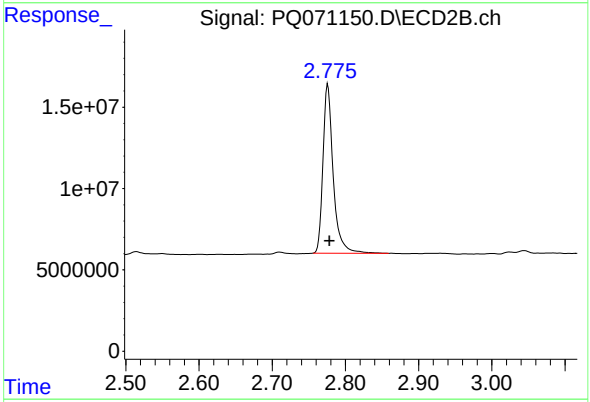






#1 Tetrachloro-m-xylene

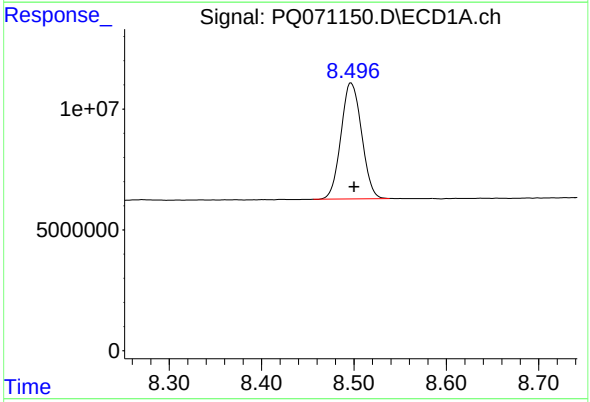
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 97916618
Conc: 22.51 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
I.BLK



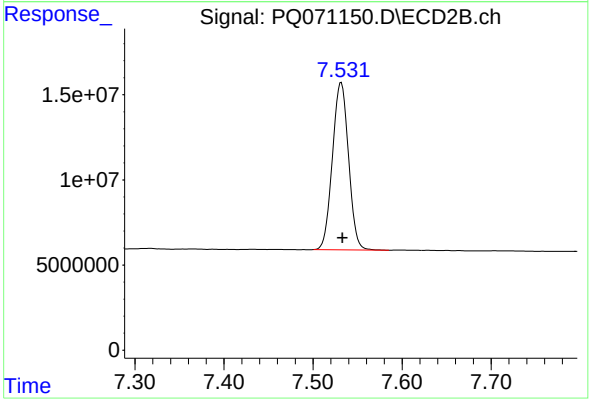

#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 101136067
Conc: 19.91 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 74642604
Conc: 25.70 ng/ml




#2 Decachlorobiphenyl

R.T.: 7.532 min
Delta R.T.: -0.001 min
Response: 123572351
Conc: 24.47 ng/ml

Raw Data: **PQ071165.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/27/25 |
| Project: | RFP 905 | Date Received: | 10/27/25 |
| Client Sample ID: | PIBLK-PQ071165.D | SDG No.: | Q3447 |
| Lab Sample ID: | I.BLK-PQ071165.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | PCB |
| Prep Method: | 5030 Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.097 | U | 1 | 0.097 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 11104-28-2 | Aroclor-1221 | 0.13 | U | 1 | 0.13 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 11141-16-5 | Aroclor-1232 | 0.096 | U | 1 | 0.096 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 53469-21-9 | Aroclor-1242 | 0.12 | U | 1 | 0.12 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 12672-29-6 | Aroclor-1248 | 0.071 | U | 1 | 0.071 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 11097-69-1 | Aroclor-1254 | 0.094 | U | 1 | 0.094 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 11096-82-5 | Aroclor-1260 | 0.081 | U | 1 | 0.081 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 37324-23-5 | Aroclor-1262 | 0.14 | U | 1 | 0.14 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| 11100-14-4 | Aroclor-1268 | 0.11 | U | 1 | 0.11 | 0.50 | ug/L | 10/27/25 | PQ102725 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 18.4 | | | 60 - 140 | 92% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 22.2 | | | 60 - 140 | 111% | SPK: 20 | | |

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: **PQ071165.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 14:18
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 00:23:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 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... | 3.399 | 2.776 | 88339084 | 93561979 | 20.307 | 18.418 |
| 2) | SA Decachlor... | 8.497 | 7.530 | 68135285 | 112.1E6 | 23.463 | 22.205 |
| | Target Compounds | | | | | | |

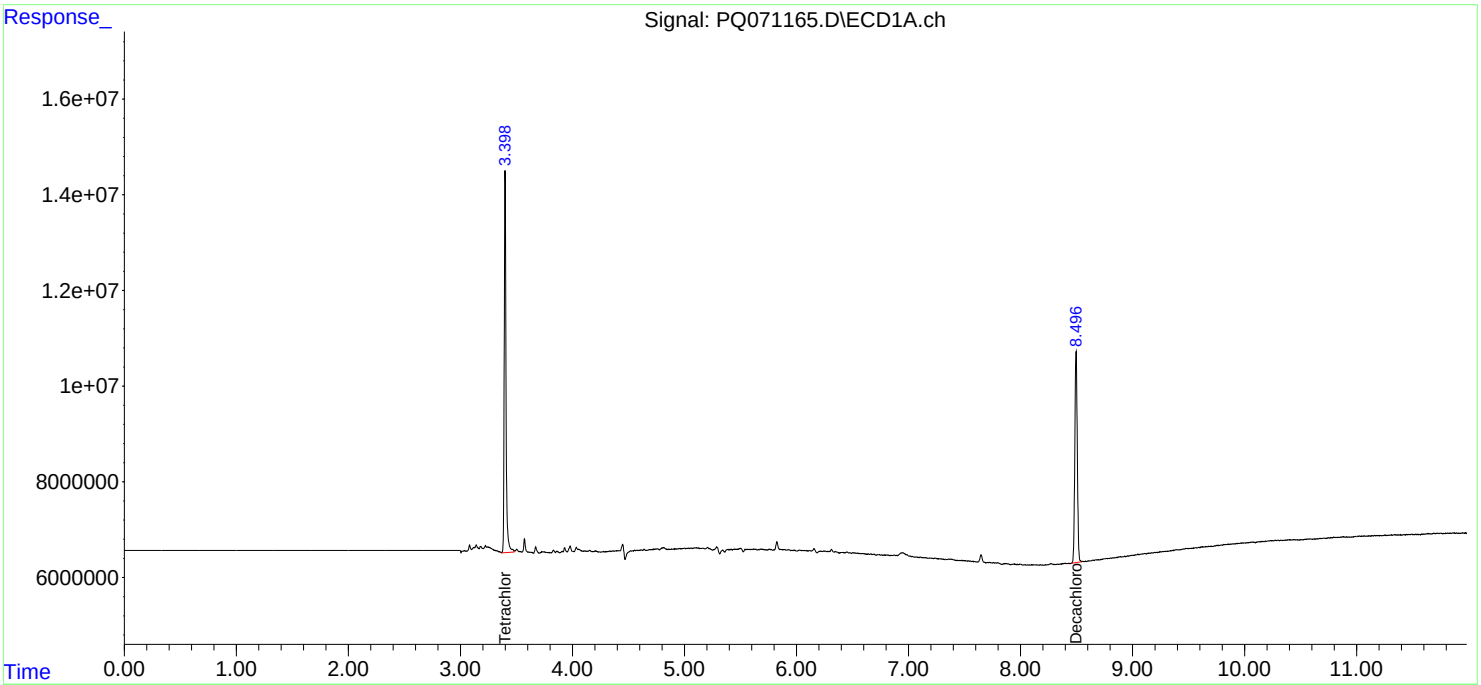
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

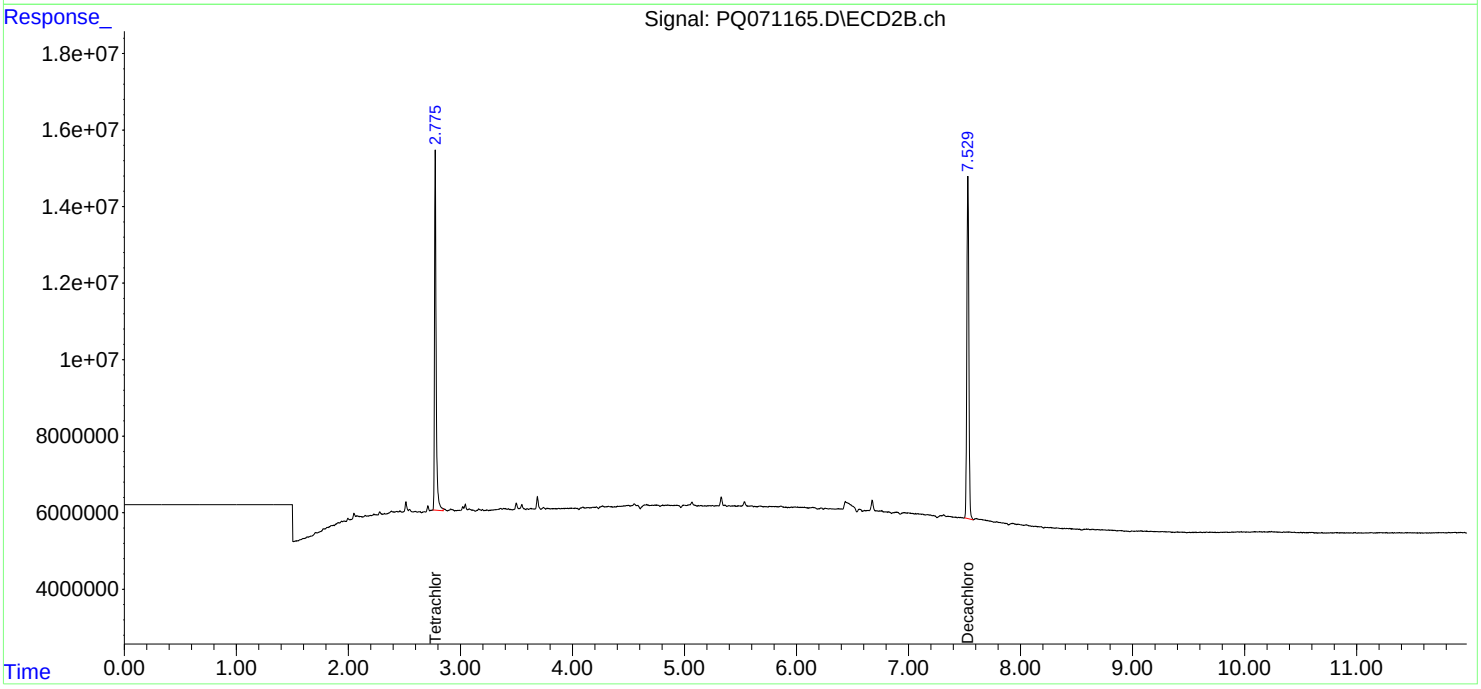
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 14:18
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

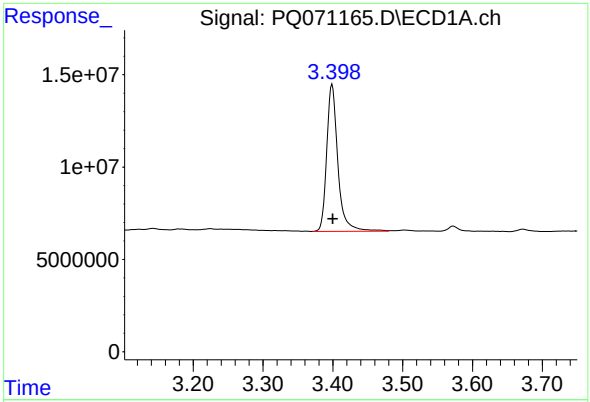
**Instrument :**
ECD_Q
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 00:23:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 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



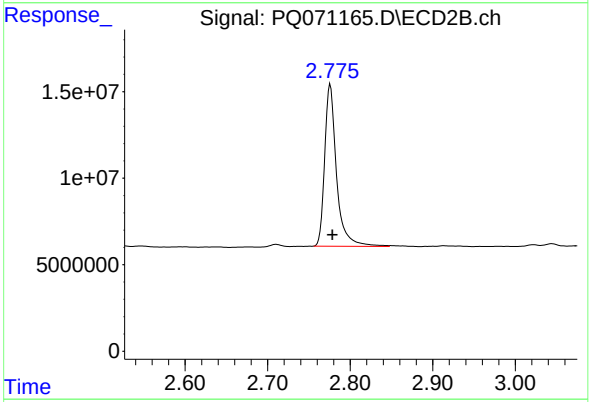






#1 Tetrachloro-m-xylene

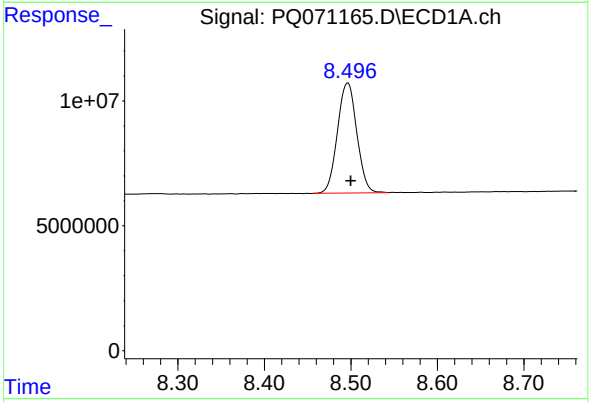
R.T.: 3.399 min
Delta R.T.: -0.001 min
Response: 88339084
Conc: 20.31 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
I.BLK



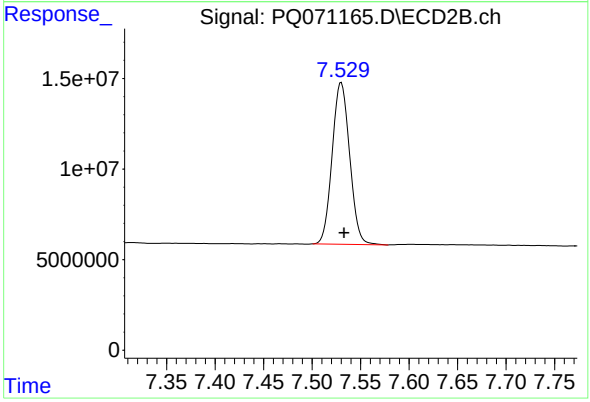

#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 93561979
Conc: 18.42 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 68135285
Conc: 23.46 ng/ml




#2 Decachlorobiphenyl

R.T.: 7.530 min
Delta R.T.: -0.003 min
Response: 112123551
Conc: 22.20 ng/ml

Raw Data: **PP076069.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | |
| Project: | RFP 905 | Date Received: | |
| Client Sample ID: | PB170236BS | SDG No.: | Q3447 |
| Lab Sample ID: | PB170236BS | Matrix: | SOIL |
| Analytical Method: | 8082A | % Solid: | 100 |
| Sample Wt/Vol: | 30.01 g | Final Vol: 10000 uL | Test: PCB |
| Prep Method: | SW3541 | Prep Date 10/24/25 | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 145 | | 1 | 3.90 | 17.0 | ug/kg | 10/27/25 10:34 | PB170236 |
| 11104-28-2 | Aroclor-1221 | 4.00 | U | 1 | 4.00 | 17.0 | ug/kg | 10/27/25 10:34 | PB170236 |
| 11141-16-5 | Aroclor-1232 | 3.70 | U | 1 | 3.70 | 17.0 | ug/kg | 10/27/25 10:34 | PB170236 |
| 53469-21-9 | Aroclor-1242 | 4.00 | U | 1 | 4.00 | 17.0 | ug/kg | 10/27/25 10:34 | PB170236 |
| 12672-29-6 | Aroclor-1248 | 5.90 | U | 1 | 5.90 | 17.0 | ug/kg | 10/27/25 10:34 | PB170236 |
| 11097-69-1 | Aroclor-1254 | 3.20 | U | 1 | 3.20 | 17.0 | ug/kg | 10/27/25 10:34 | PB170236 |
| 37324-23-5 | Aroclor-1262 | 5.00 | U | 1 | 5.00 | 17.0 | ug/kg | 10/27/25 10:34 | PB170236 |
| 11100-14-4 | Aroclor-1268 | 3.60 | U | 1 | 3.60 | 17.0 | ug/kg | 10/27/25 10:34 | PB170236 |
| 11096-82-5 | Aroclor-1260 | 149 | | 1 | 3.20 | 17.0 | ug/kg | 10/27/25 10:34 | PB170236 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 26.7 | | | 32 - 144 | 134% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 28.6 | | | 32 - 175 | 143% | SPK: 20 | | |

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: **PP076069.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076069.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:34
Operator : YP\AJ
Sample : PB170236BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
PB170236BS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:18:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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... | 4.640 | 3.780 | 38149794 | 141.0E6 | 26.695m | 21.306m |
| 2) | SA Decachlor... | 10.408 | 8.775 | 30747417 | 199.5E6 | 28.562 | 24.264 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.793 | 4.877 | 25825913 | 292.1E6 | 436.794 | 394.687 |
| 4) | L1 AR-1016-2 | 5.814 | 4.935 | 39096018 | 134.3E6 | 442.042 | 392.888 |
| 5) | L1 AR-1016-3 | 5.877 | 5.054 | 24165535 | 75316147 | 436.587 | 366.783 |
| 6) | L1 AR-1016-4 | 5.974 | 5.095 | 19941002 | 72452629 | 438.840 | 387.684 |
| 7) | L1 AR-1016-5 | 6.266 | 5.309 | 18220008 | 81872028 | 419.762 | 359.115 |
| 31) | L7 AR-1260-1 | 7.383 | 6.335 | 34475825 | 242.2E6 | 501.418 | 442.275 |
| 32) | L7 AR-1260-2 | 7.636 | 6.522 | 41196225 | 358.0E6 | 459.896 | 440.000 |
| 33) | L7 AR-1260-3 | 7.994 | 6.675 | 27871115 | 256.4E6 | 402.259 | 455.573 |
| 34) | L7 AR-1260-4 | 8.220 | 7.144 | 32220662 | 221.2E6 | 469.885m | 425.862 |
| 35) | L7 AR-1260-5 | 8.546 | 7.384 | 60142007 | 524.0E6 | 406.498 | 386.522 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076069.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:34
Operator : YP\AJ
Sample : PB170236BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

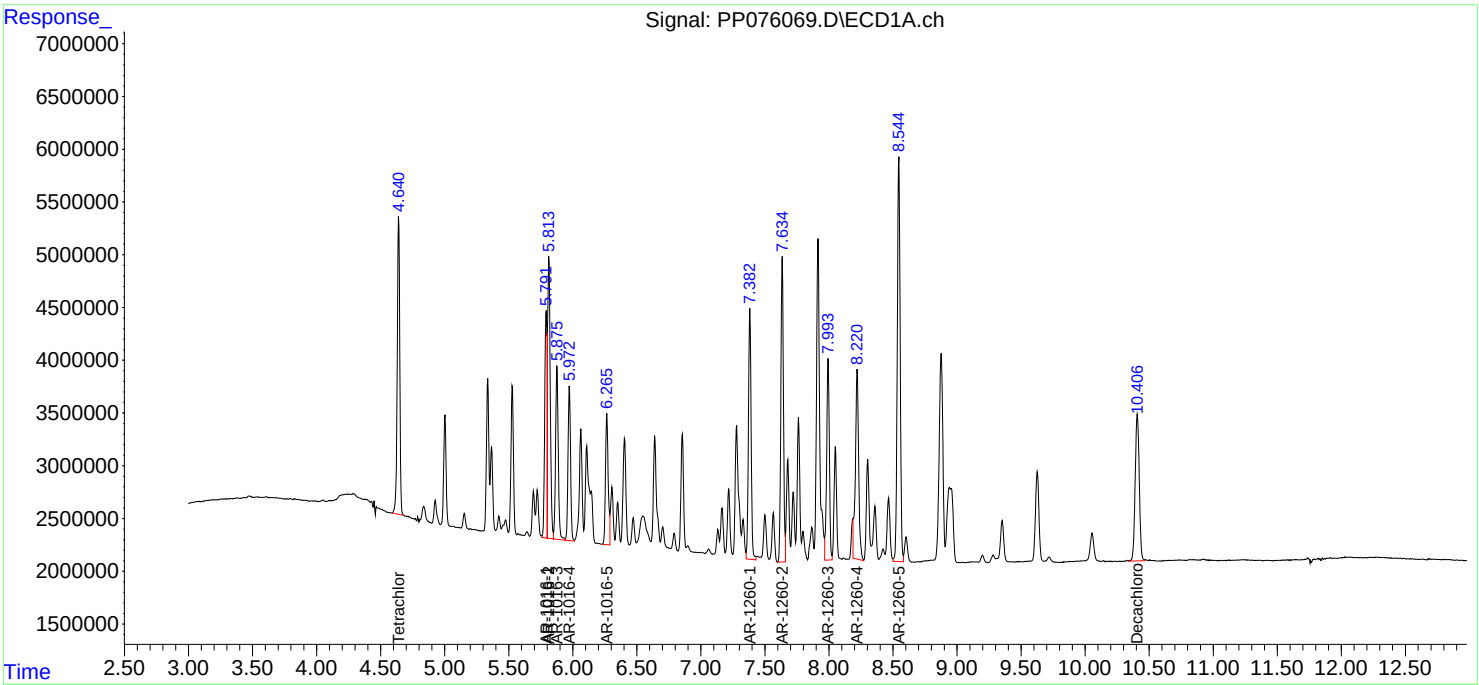
**Instrument :**
ECD_P
**ClientSampleId :**
PB170236BS

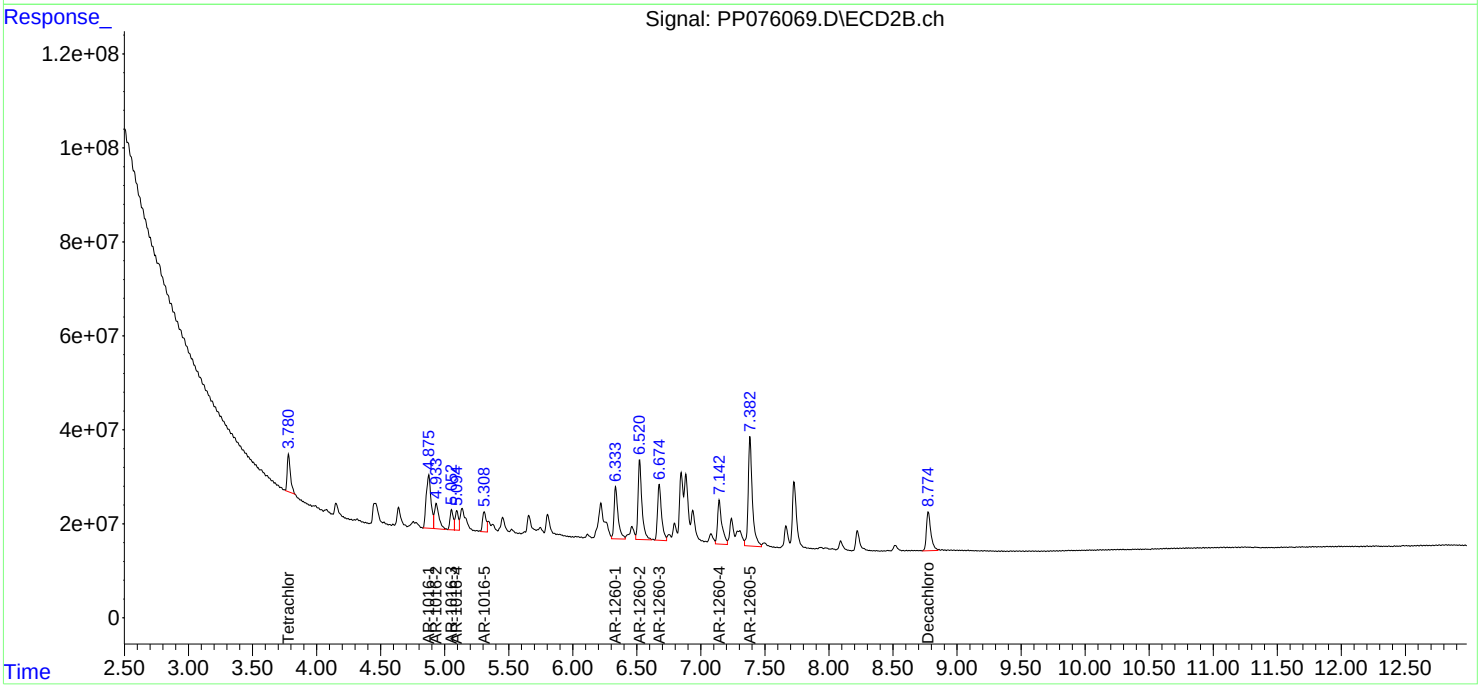
**Manual Integrations APPROVED**

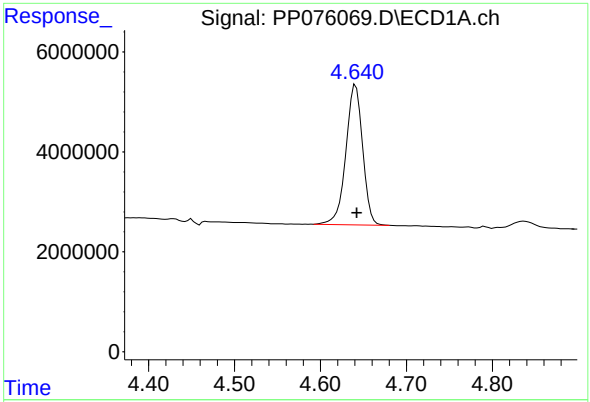
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:18:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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





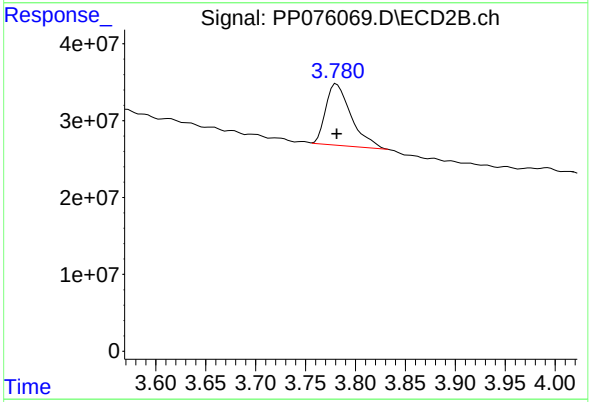

#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.002 min
Response: 38149794
Conc: 26.70 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
PB170236BS

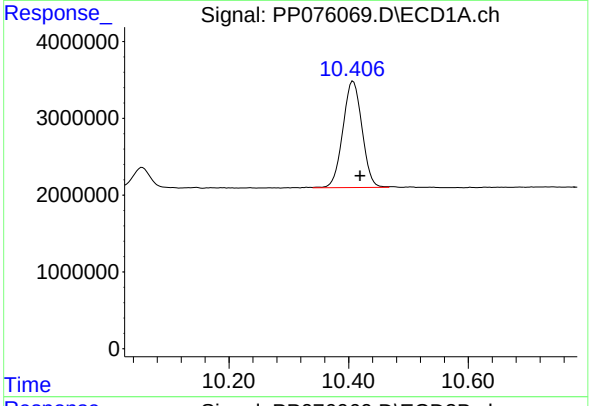
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



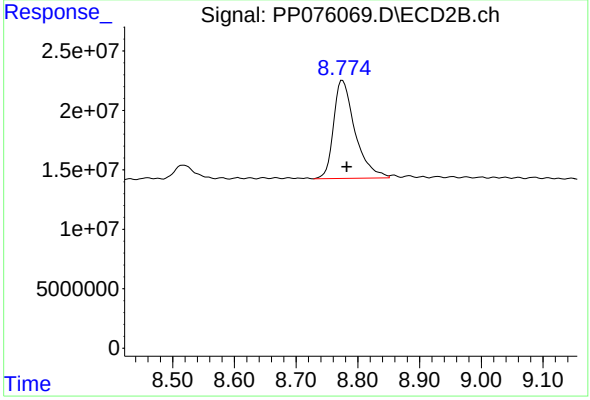

#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 141008888
Conc: 21.31 ng/ml m



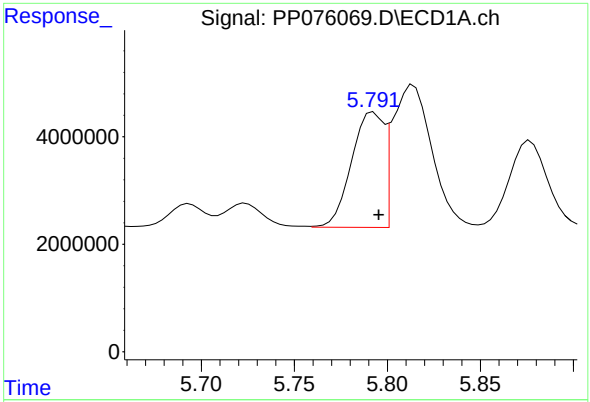

#2 Decachlorobiphenyl

R.T.: 10.408 min
Delta R.T.: -0.011 min
Response: 30747417
Conc: 28.56 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.007 min
Response: 199521138
Conc: 24.26 ng/ml



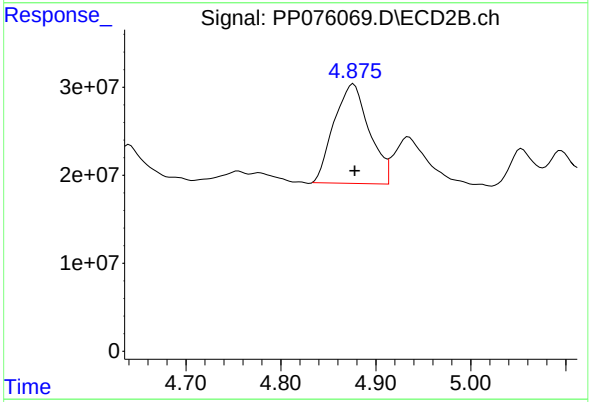

#3 AR-1016-1

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 25825913
Conc: 436.79 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
PB170236BS

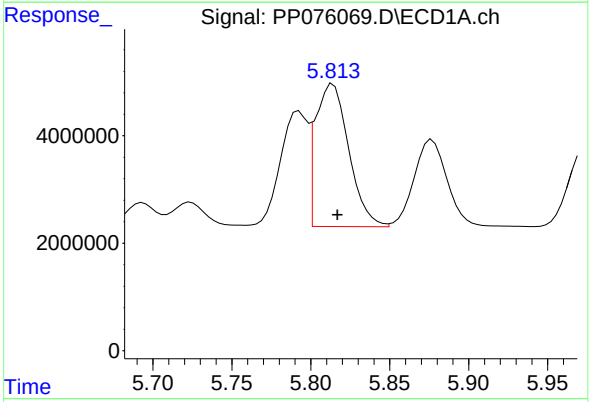
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



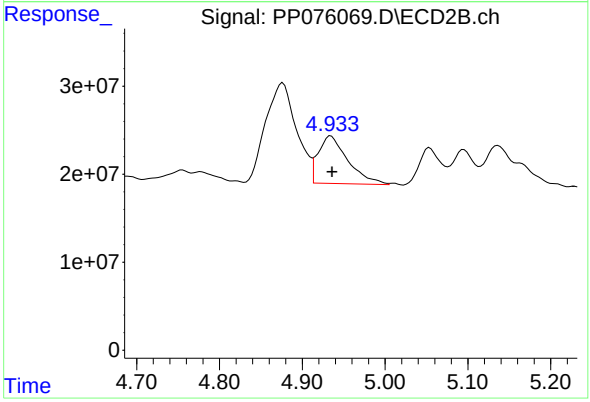

#3 AR-1016-1

R.T.: 4.877 min
Delta R.T.: -0.001 min
Response: 292136511
Conc: 394.69 ng/ml



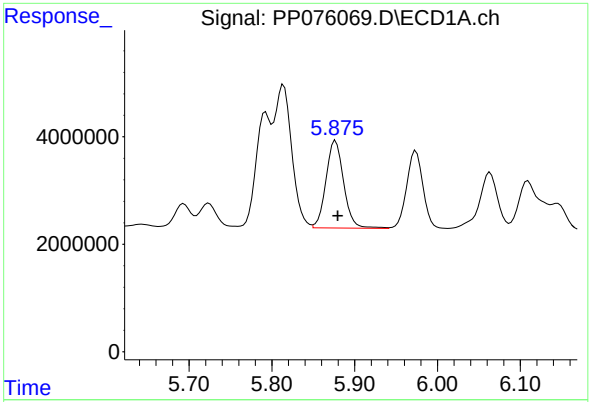

#4 AR-1016-2

R.T.: 5.814 min
Delta R.T.: -0.003 min
Response: 39096018
Conc: 442.04 ng/ml




#4 AR-1016-2

R.T.: 4.935 min
Delta R.T.: -0.001 min
Response: 134340951
Conc: 392.89 ng/ml



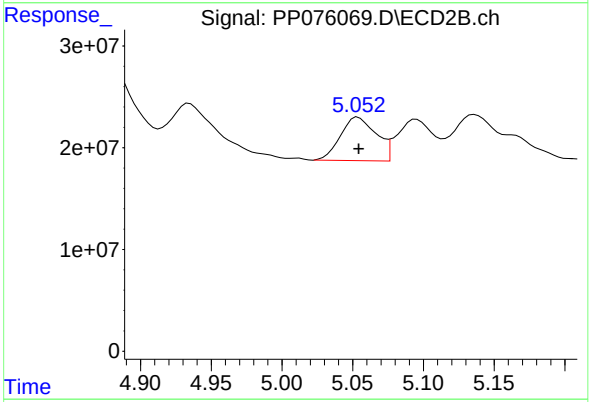

#5 AR-1016-3

R.T.: 5.877 min
Delta R.T.: -0.003 min
Response: 24165535
Conc: 436.59 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
PB170236BS

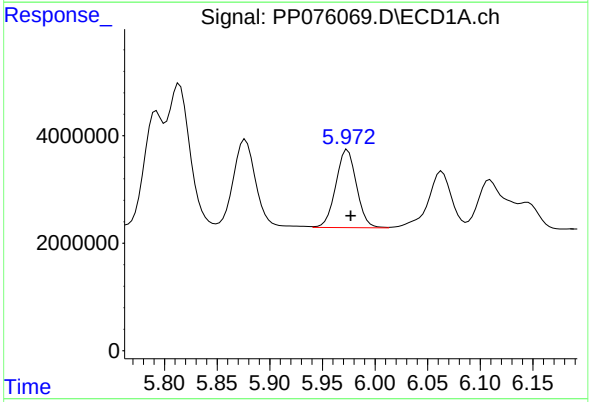
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



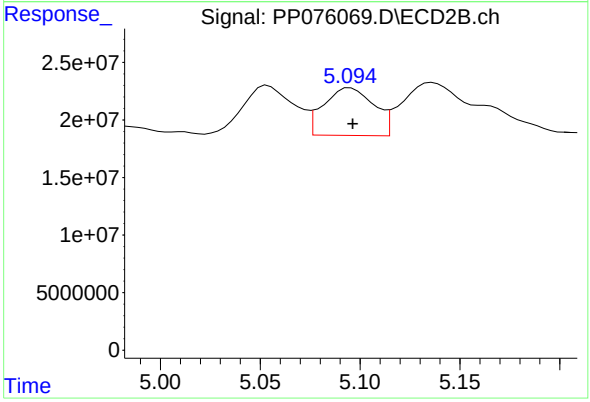

#5 AR-1016-3

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 75316147
Conc: 366.78 ng/ml



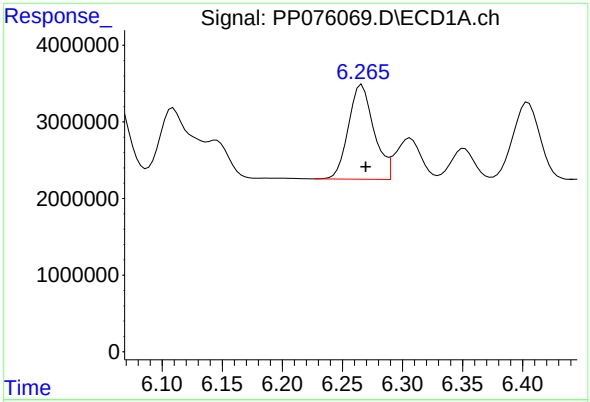

#6 AR-1016-4

R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 19941002
Conc: 438.84 ng/ml




#6 AR-1016-4

R.T.: 5.095 min
Delta R.T.: -0.001 min
Response: 72452629
Conc: 387.68 ng/ml



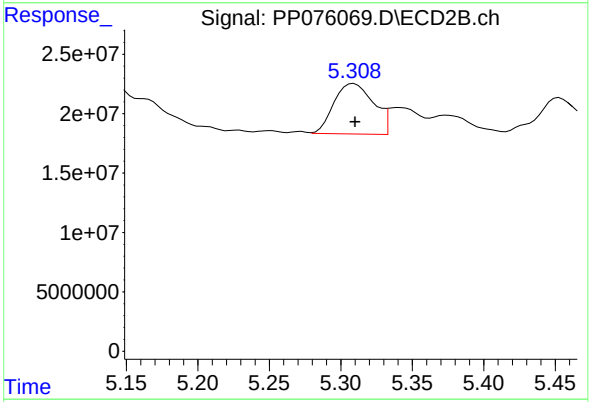

#7 AR-1016-5

R.T.: 6.266 min
Delta R.T.: -0.003 min
Response: 18220008
Conc: 419.76 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
PB170236BS

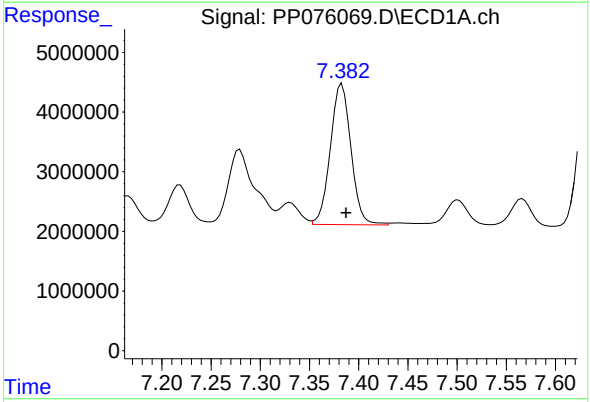
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



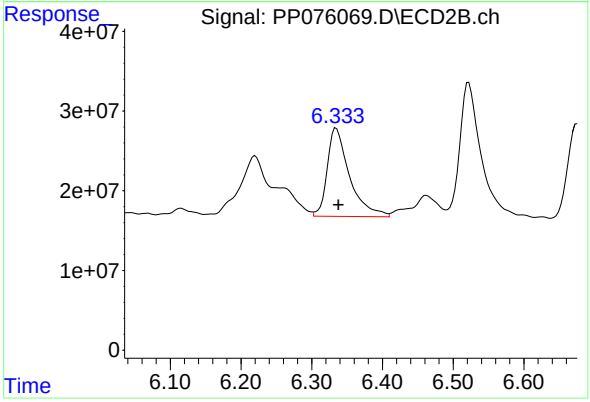

#7 AR-1016-5

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 81872028
Conc: 359.11 ng/ml



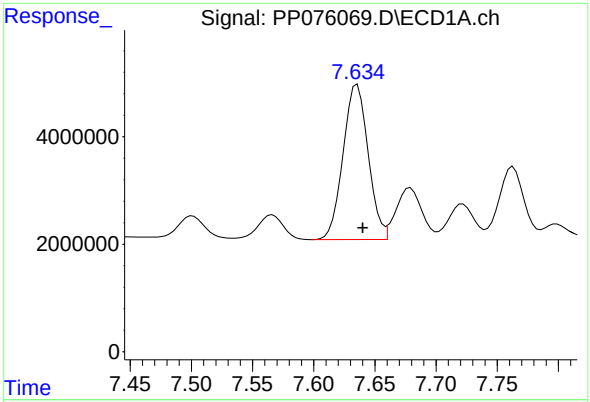

#31 AR-1260-1

R.T.: 7.383 min
Delta R.T.: -0.004 min
Response: 34475825
Conc: 501.42 ng/ml




#31 AR-1260-1

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 242232074
Conc: 442.28 ng/ml



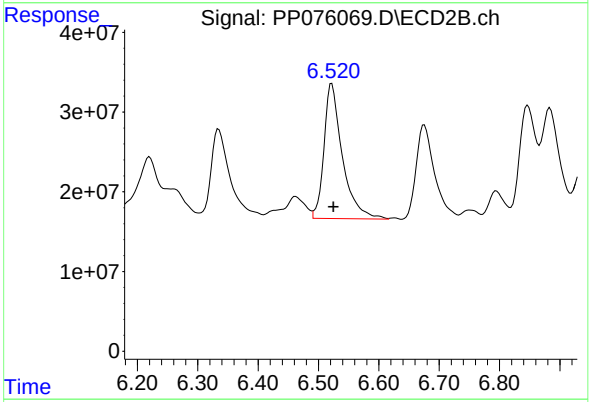

#32 AR-1260-2

R.T.: 7.636 min
Delta R.T.: -0.005 min
Response: 41196225
Conc: 459.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
PB170236BS

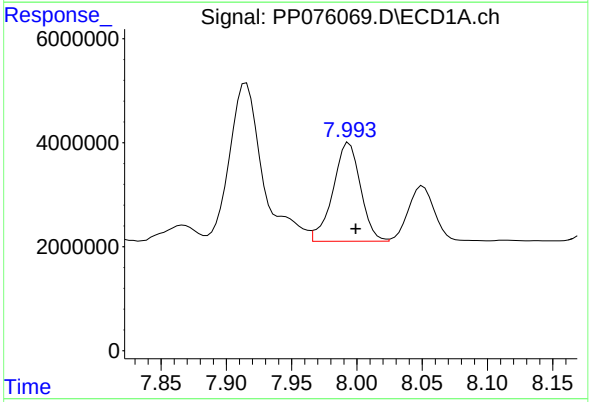
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



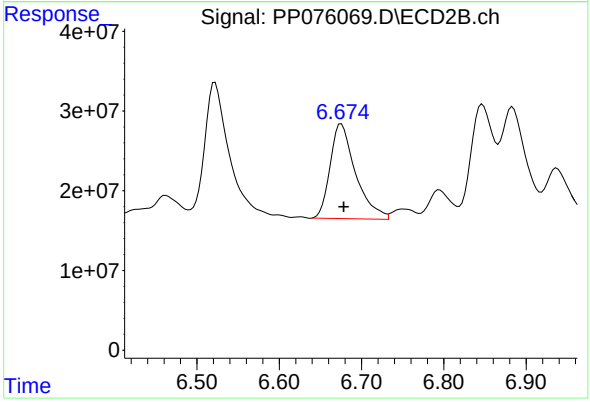

#32 AR-1260-2

R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 358042871
Conc: 440.00 ng/ml



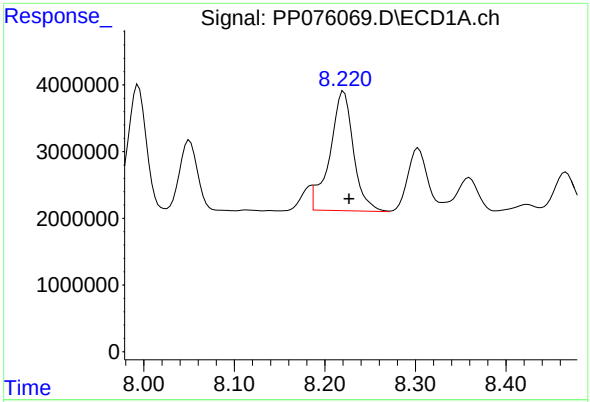

#33 AR-1260-3

R.T.: 7.994 min
Delta R.T.: -0.005 min
Response: 27871115
Conc: 402.26 ng/ml




#33 AR-1260-3

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 256377093
Conc: 455.57 ng/ml



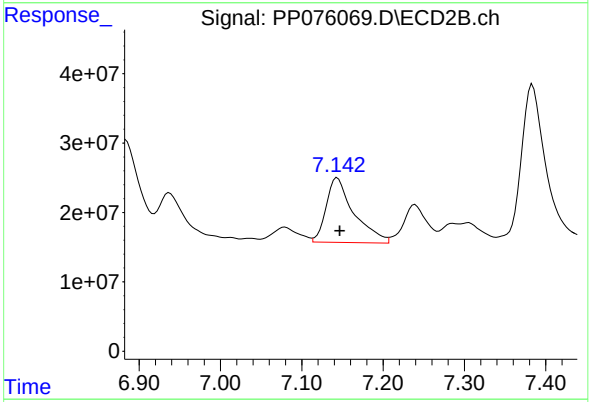

#34 AR-1260-4

R.T.: 8.220 min
Delta R.T.: -0.007 min
Response: 32220662
Conc: 469.88 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
PB170236BS

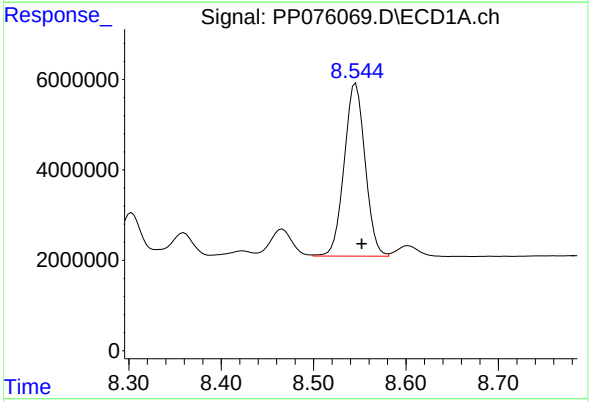
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



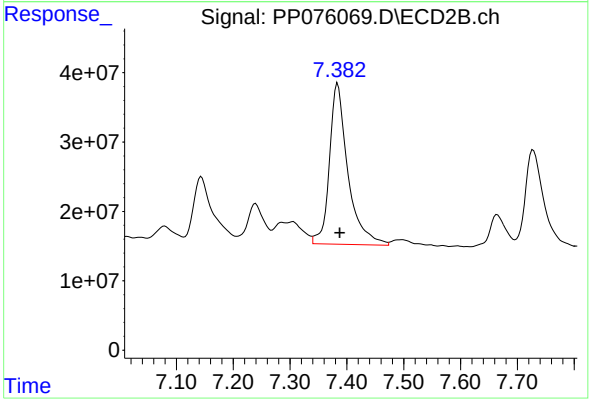

#34 AR-1260-4

R.T.: 7.144 min
Delta R.T.: -0.003 min
Response: 221163512
Conc: 425.86 ng/ml




#35 AR-1260-5

R.T.: 8.546 min
Delta R.T.: -0.006 min
Response: 60142007
Conc: 406.50 ng/ml




#35 AR-1260-5

R.T.: 7.384 min
Delta R.T.: -0.004 min
Response: 523951794
Conc: 386.52 ng/ml

Raw Data: **PQ071153.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/23/25 |
| Project: | RFP 905 | Date Received: | 10/23/25 |
| Client Sample ID: | SS-5R-(3.5-4.0)MS | SDG No.: | Q3447 |
| Lab Sample ID: | Q3450-02MS | Matrix: | SOIL |
| Analytical Method: | 8082A | % Solid: | 86.3 |
| Sample Wt/Vol: | 30.06 g Final Vol: 10000 uL | Test: | PCB |
| Prep Method: | SW3541 Prep Date 10/24/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 121 | | 1 | 4.60 | 19.7 | ug/kg | 10/27/25 09:55 | PB170236 |
| 11104-28-2 | Aroclor-1221 | 4.70 | U | 1 | 4.70 | 19.7 | ug/kg | 10/27/25 09:55 | PB170236 |
| 11141-16-5 | Aroclor-1232 | 4.30 | U | 1 | 4.30 | 19.7 | ug/kg | 10/27/25 09:55 | PB170236 |
| 53469-21-9 | Aroclor-1242 | 4.60 | U | 1 | 4.60 | 19.7 | ug/kg | 10/27/25 09:55 | PB170236 |
| 12672-29-6 | Aroclor-1248 | 6.80 | U | 1 | 6.80 | 19.7 | ug/kg | 10/27/25 09:55 | PB170236 |
| 11097-69-1 | Aroclor-1254 | 105 | | 1 | 3.70 | 19.7 | ug/kg | 10/27/25 09:55 | PB170236 |
| 37324-23-5 | Aroclor-1262 | 5.80 | U | 1 | 5.80 | 19.7 | ug/kg | 10/27/25 09:55 | PB170236 |
| 11100-14-4 | Aroclor-1268 | 4.20 | U | 1 | 4.20 | 19.7 | ug/kg | 10/27/25 09:55 | PB170236 |
| 11096-82-5 | Aroclor-1260 | 145 | | 1 | 3.70 | 19.7 | ug/kg | 10/27/25 09:55 | PB170236 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 23.4 | | | 32 - 144 | 117% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 22.4 | | | 32 - 175 | 112% | SPK: 20 | | |

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: **PQ071153.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 09:55
Operator : YP\AJ
Sample : Q3450-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:30:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 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... | 3.399 | 2.776 | 101.9E6 | 95077060 | 23.434 | 18.716m |
| 2) | SA Decachlor... | 8.495 | 7.531 | 64988561 | 104.5E6 | 22.379 | 20.702 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.481 | 3.775 | 25519004 | 75904857 | 155.467m | 338.858m# |
| 4) | L1 AR-1016-2 | 4.498 | 3.791 | 81532605 | 96925792 | 318.121m | 284.973m |
| 5) | L1 AR-1016-3 | 4.555 | 3.951 | 57737086 | 56328796 | 362.856m | 309.739m |
| 6) | L1 AR-1016-4 | 4.645 | 3.999 | 49897243 | 46929761 | 384.034m | 298.132m |
| 7) | L1 AR-1016-5 | 4.930 | 4.195 | 44988750 | 56961892 | 349.284 | 296.921 |
| 26) | L6 AR-1254-1 | 5.291 | 4.531 | 37478695 | 50045658 | 190.947m | 148.410 |
| 27) | L6 AR-1254-2 | 5.506 | 4.677 | 49023240 | 63782741 | 168.765m | 214.645 # |
| 28) | L6 AR-1254-3 | 5.854 | 5.058 | 41414456 | 56889515 | 134.809m | 121.802m |
| 29) | L6 AR-1254-4 | 6.132 | 5.284 | 37113579 | 48175061 | 169.051m | 163.166 |
| 30) | L6 AR-1254-5 | 6.542 | 5.687 | 163.1E6 | 227.7E6 | 703.418 | 541.766 |
| 31) | L7 AR-1260-1 | 6.018 | 5.186 | 98581616 | 125.9E6 | 420.443m | 349.310m |
| 32) | L7 AR-1260-2 | 6.275 | 5.377 | 116.0E6 | 140.7E6 | 419.237m | 319.751 |
| 33) | L7 AR-1260-3 | 6.626 | 5.516 | 64602779 | 151.4E6 | 324.135 | 364.829 |
| 34) | L7 AR-1260-4 | 6.840 | 5.978 | 76642151 | 101.8E6 | 356.669 | 282.828 |
| 35) | L7 AR-1260-5 | 7.146 | 6.222 | 156.2E6 | 234.0E6 | 360.118 | 278.474 |

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

Sample Results: **PQ071153.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 09:55
Operator : YP\AJ
Sample : Q3450-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

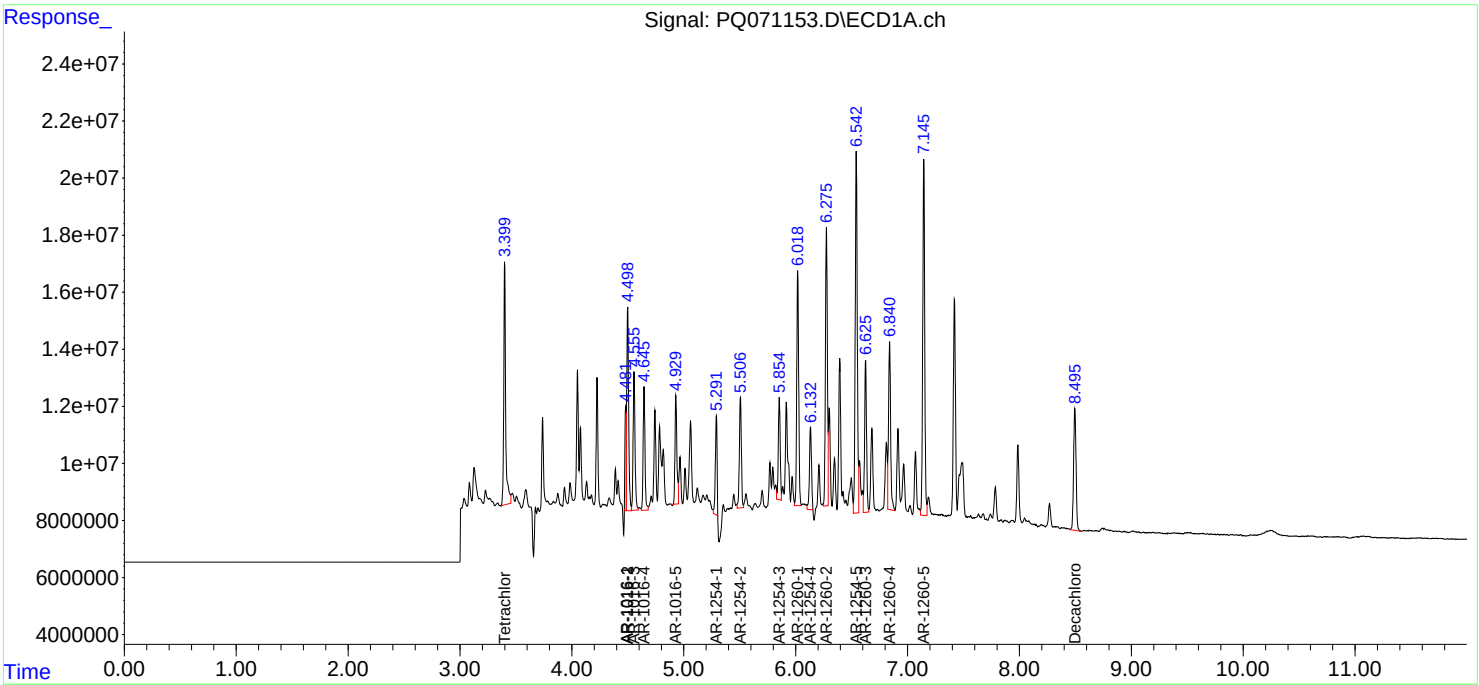
**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MS

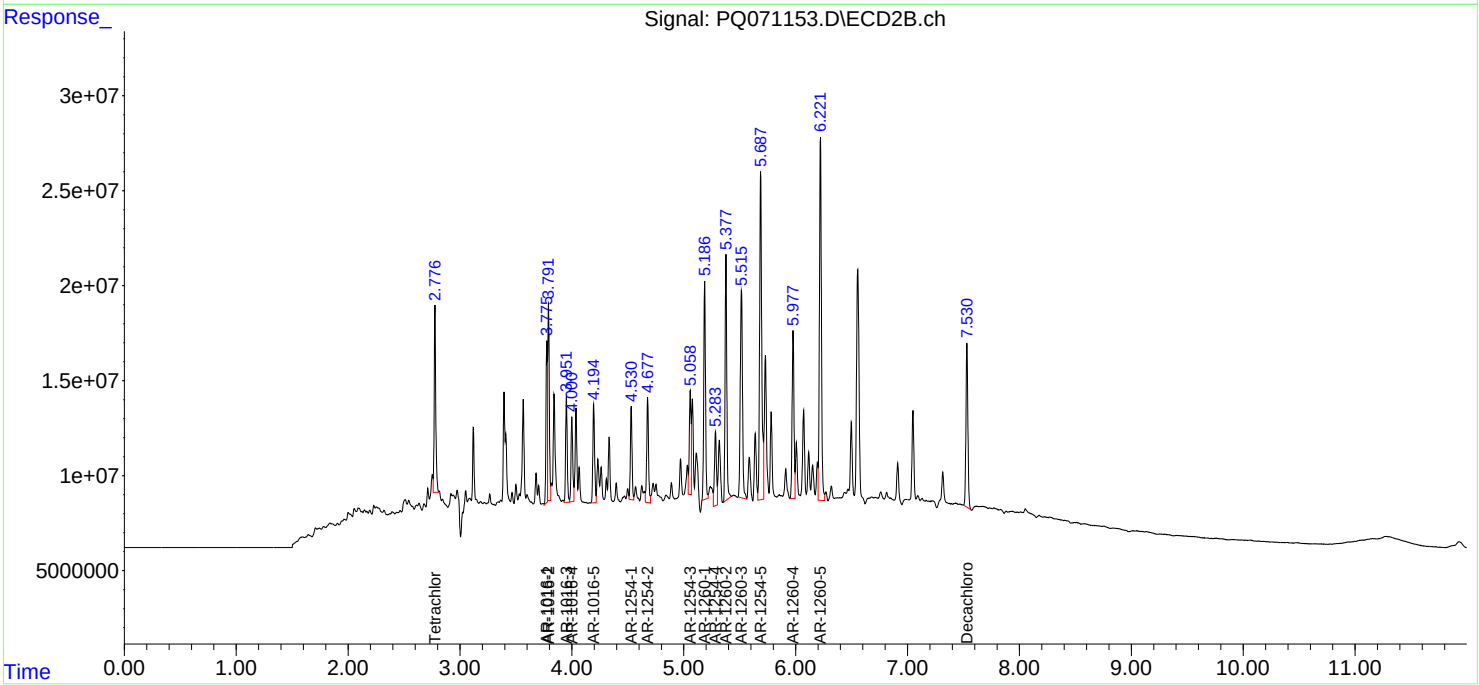
**Manual Integrations APPROVED**

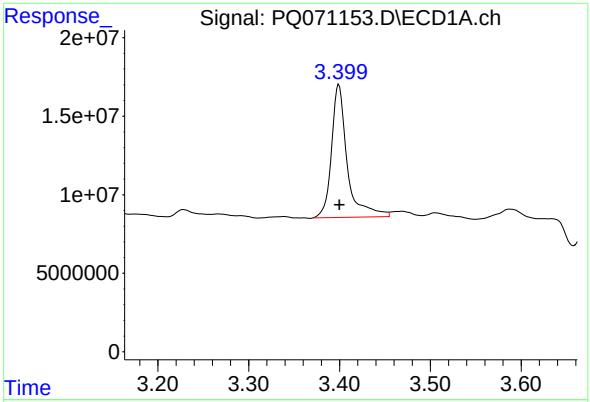
Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:30:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 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





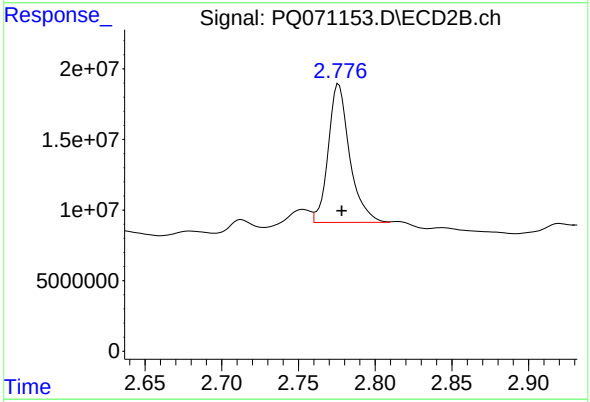

#1 Tetrachloro-m-xylene

R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 101945113
Conc: 23.43 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MS

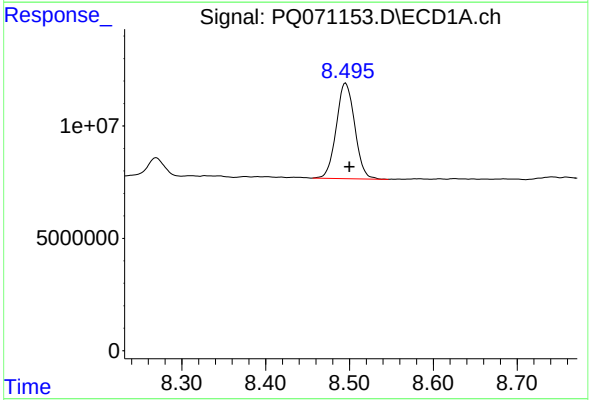
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



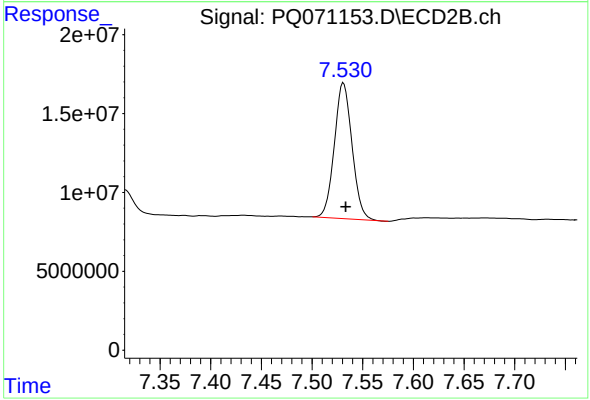

#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.003 min
Response: 95077060
Conc: 18.72 ng/ml m



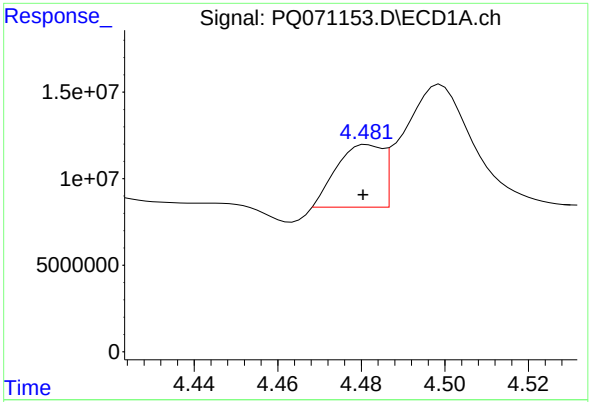

#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: -0.005 min
Response: 64988561
Conc: 22.38 ng/ml




#2 Decachlorobiphenyl

R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 104533599
Conc: 20.70 ng/ml



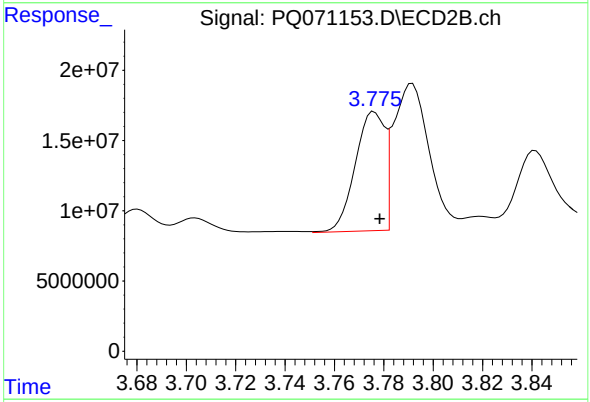

#3 AR-1016-1

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 25519004
Conc: 155.47 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MS

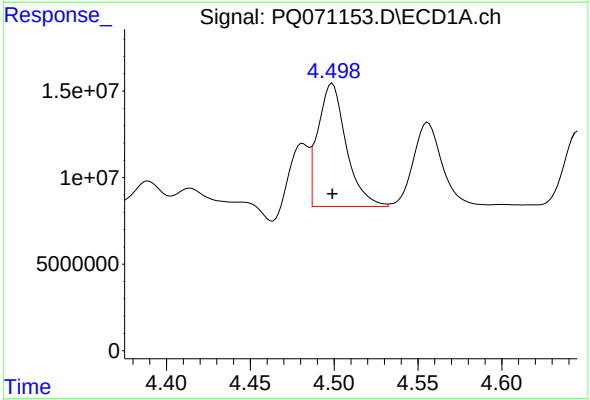
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



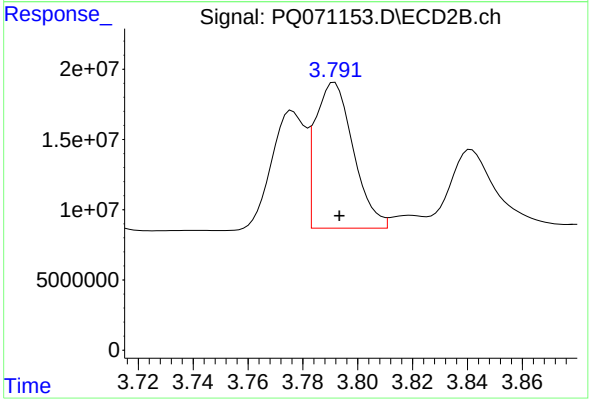

#3 AR-1016-1

R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 75904857
Conc: 338.86 ng/ml m



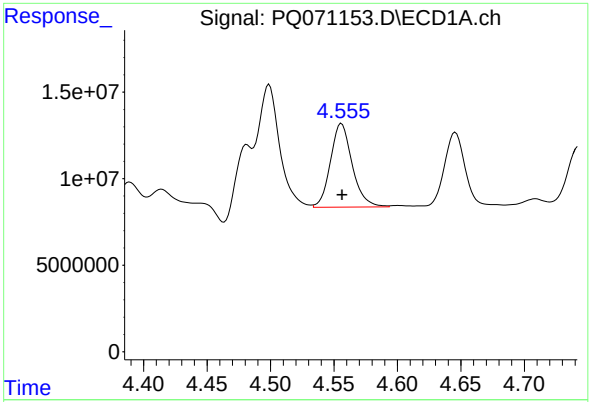

#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 81532605
Conc: 318.12 ng/ml m




#4 AR-1016-2

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 96925792
Conc: 284.97 ng/ml m



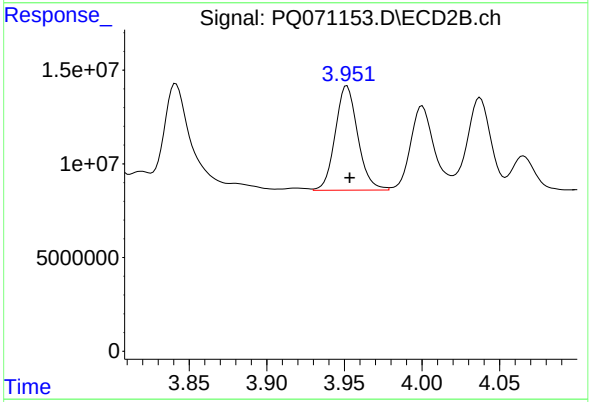

#5 AR-1016-3

R.T.: 4.555 min
Delta R.T.: -0.001 min
Response: 57737086
Conc: 362.86 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MS

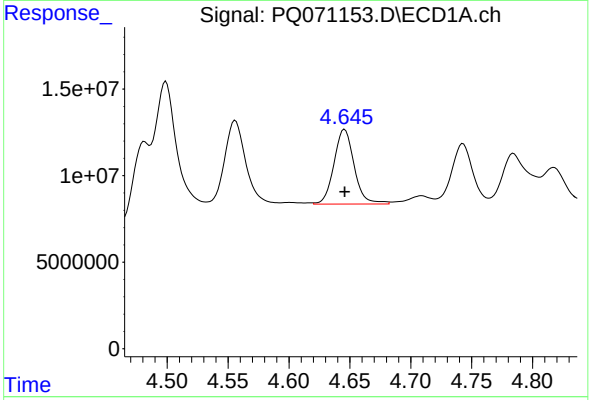
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



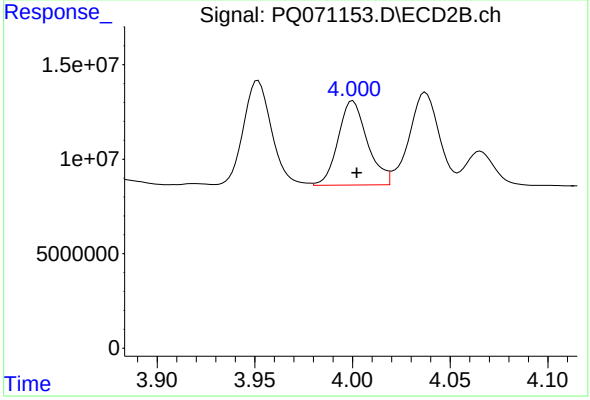

#5 AR-1016-3

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 56328796
Conc: 309.74 ng/ml m



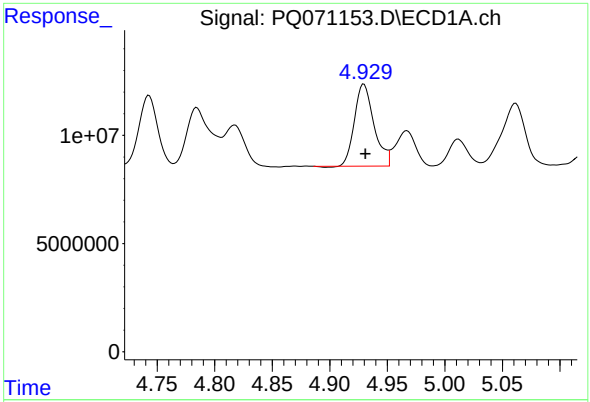

#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 49897243
Conc: 384.03 ng/ml m




#6 AR-1016-4

R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 46929761
Conc: 298.13 ng/ml m



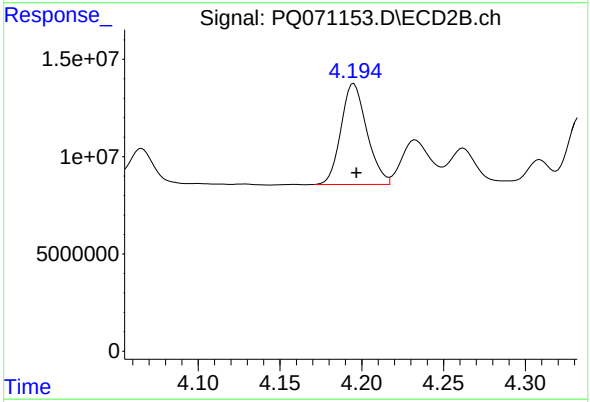

#7 AR-1016-5

R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 44988750
Conc: 349.28 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MS

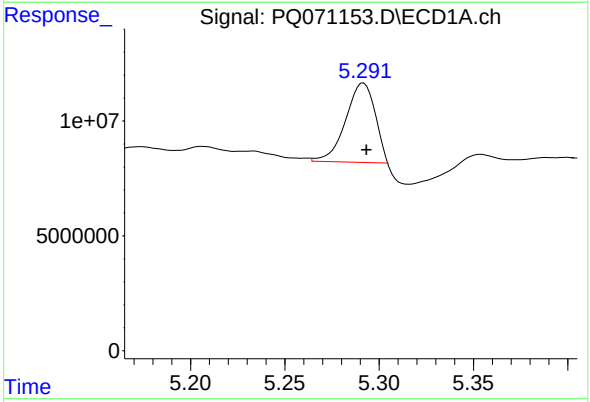
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



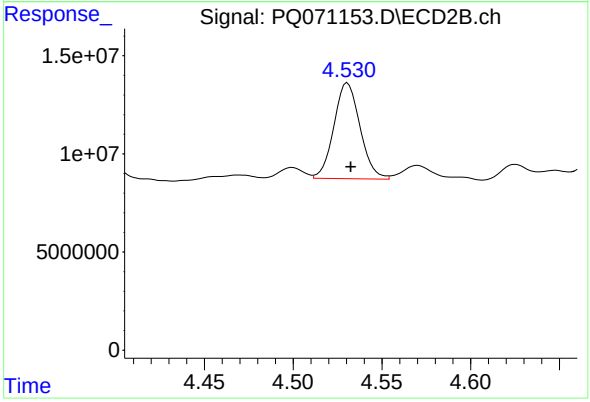

#7 AR-1016-5

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 56961892
Conc: 296.92 ng/ml



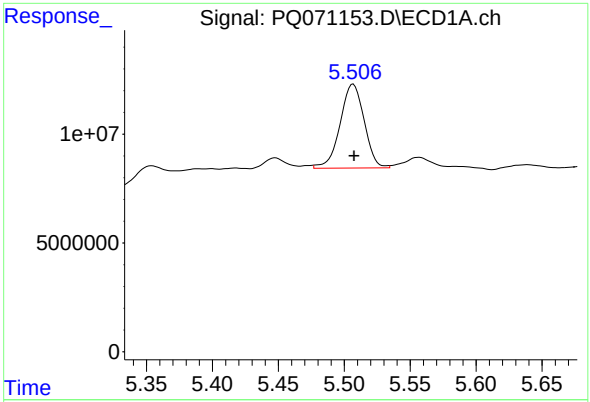

#26 AR-1254-1

R.T.: 5.291 min
Delta R.T.: -0.002 min
Response: 37478695
Conc: 190.95 ng/ml m




#26 AR-1254-1

R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 50045658
Conc: 148.41 ng/ml



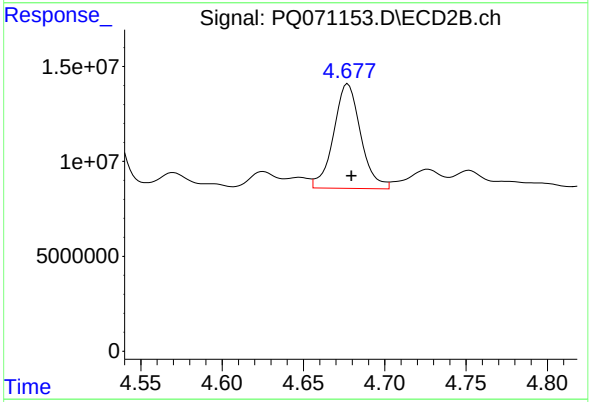

#27 AR-1254-2

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 49023240
Conc: 168.76 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MS

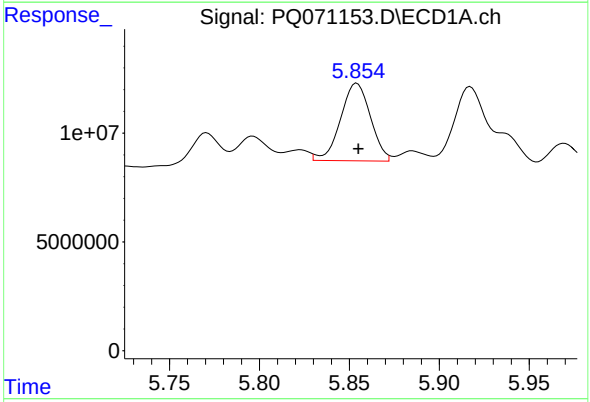
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



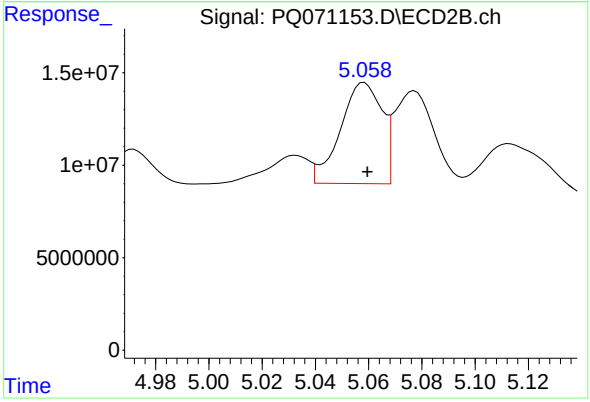

#27 AR-1254-2

R.T.: 4.677 min
Delta R.T.: -0.002 min
Response: 63782741
Conc: 214.65 ng/ml



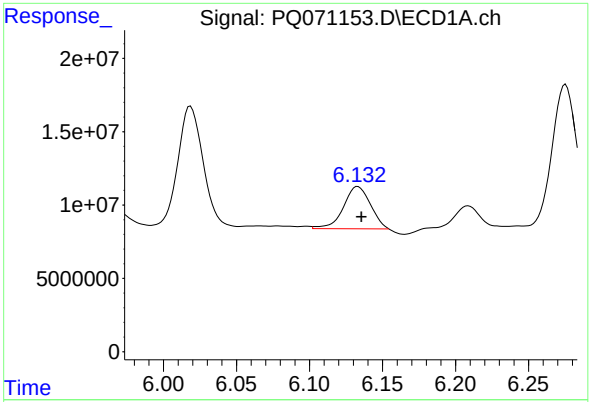

#28 AR-1254-3

R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 41414456
Conc: 134.81 ng/ml m




#28 AR-1254-3

R.T.: 5.058 min
Delta R.T.: -0.002 min
Response: 56889515
Conc: 121.80 ng/ml m



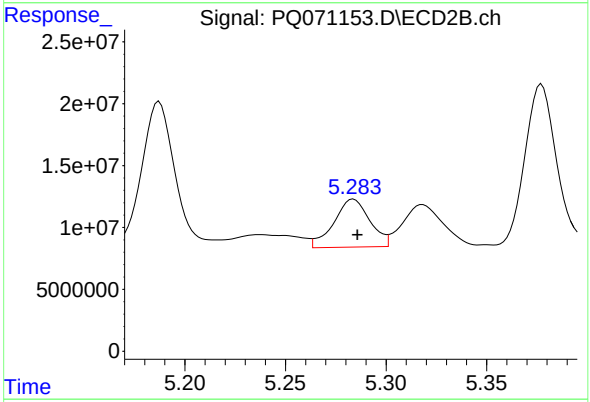

#29 AR-1254-4

R.T.: 6.132 min
Delta R.T.: -0.003 min
Response: 37113579
Conc: 169.05 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MS

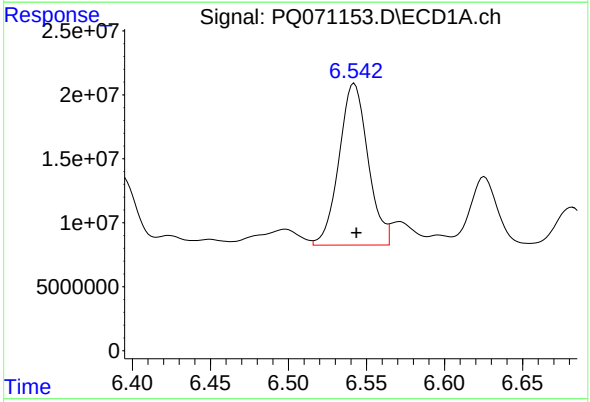
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



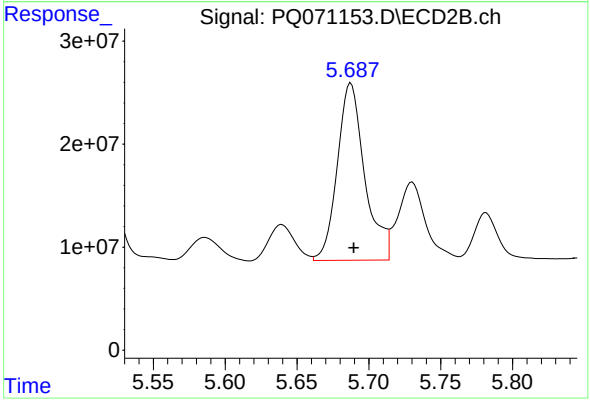

#29 AR-1254-4

R.T.: 5.284 min
Delta R.T.: -0.002 min
Response: 48175061
Conc: 163.17 ng/ml



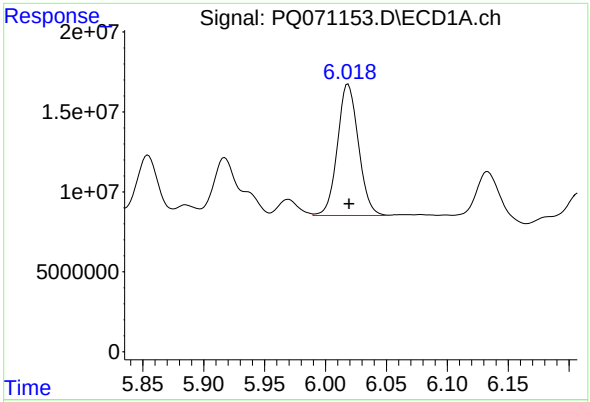

#30 AR-1254-5

R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 163119704
Conc: 703.42 ng/ml




#30 AR-1254-5

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 227731217
Conc: 541.77 ng/ml



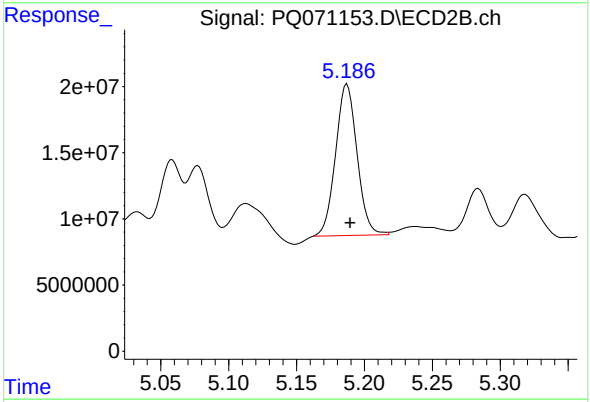

#31 AR-1260-1

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 98581616
Conc: 420.44 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MS

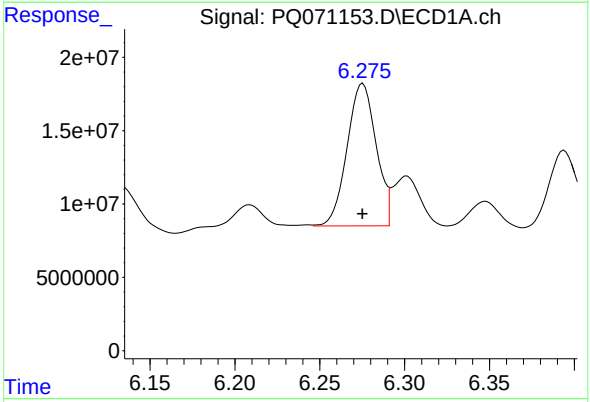
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



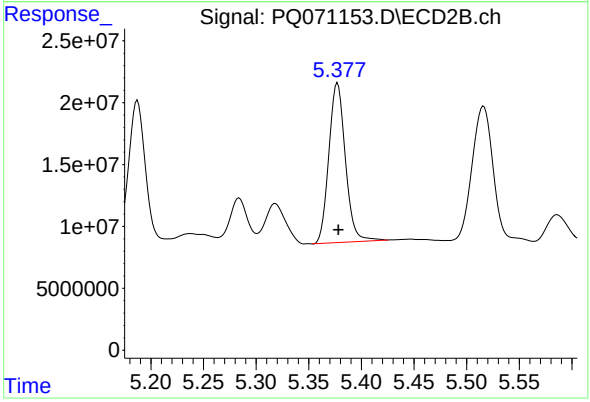

#31 AR-1260-1

R.T.: 5.186 min
Delta R.T.: -0.003 min
Response: 125893250
Conc: 349.31 ng/ml m



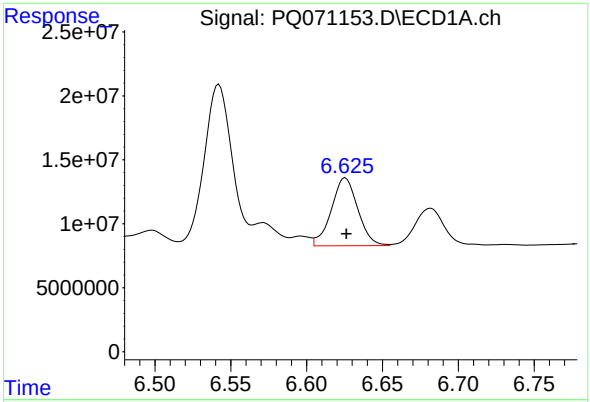

#32 AR-1260-2

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 115964728
Conc: 419.24 ng/ml m




#32 AR-1260-2

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 140688366
Conc: 319.75 ng/ml



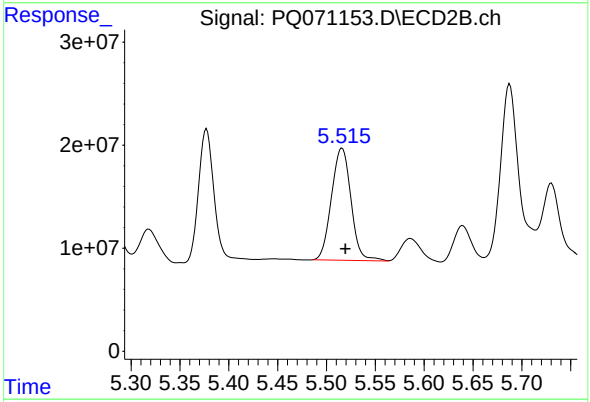

#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 64602779
Conc: 324.13 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MS

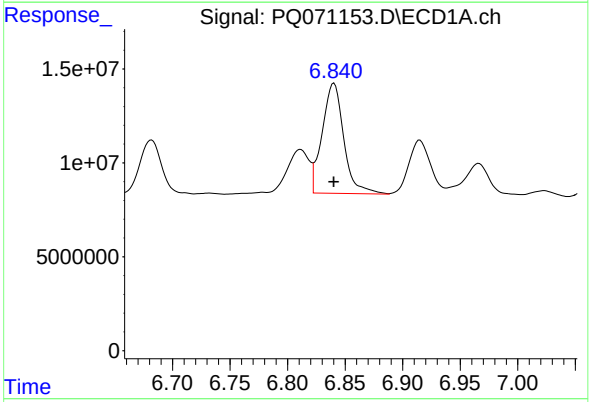
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



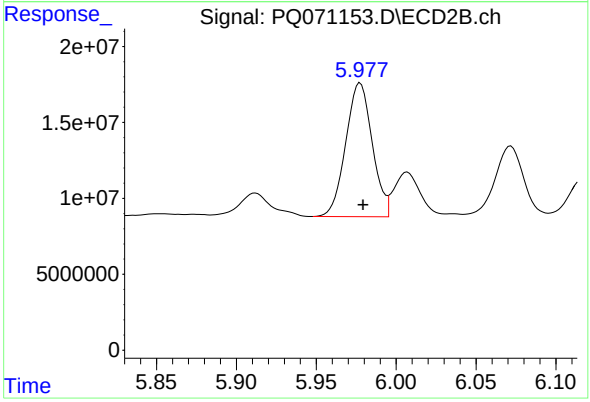

#33 AR-1260-3

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 151403773
Conc: 364.83 ng/ml



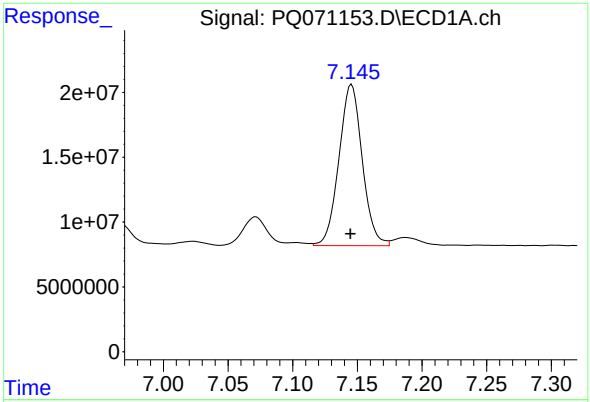

#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 76642151
Conc: 356.67 ng/ml




#34 AR-1260-4

R.T.: 5.978 min
Delta R.T.: -0.002 min
Response: 101750902
Conc: 282.83 ng/ml



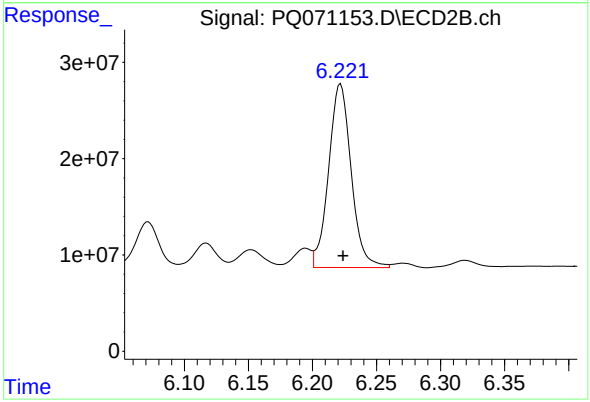

#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 156210825
Conc: 360.12 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025




#35 AR-1260-5

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 233997057
Conc: 278.47 ng/ml

Raw Data: **PQ071154.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Weston Solutions, Inc. | Date Collected: | 10/23/25 |
| Project: | RFP 905 | Date Received: | 10/23/25 |
| Client Sample ID: | SS-5R-(3.5-4.0)MSD | SDG No.: | Q3447 |
| Lab Sample ID: | Q3450-02MSD | Matrix: | SOIL |
| Analytical Method: | 8082A | % Solid: | 86.3 |
| Sample Wt/Vol: | 30.04 g Final Vol: 10000 uL | Test: | PCB |
| Prep Method: | SW3541 Prep Date 10/24/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 162 | | 1 | 4.60 | 19.7 | ug/kg | 10/27/25 10:10 | PB170236 |
| 11104-28-2 | Aroclor-1221 | 4.70 | U | 1 | 4.70 | 19.7 | ug/kg | 10/27/25 10:10 | PB170236 |
| 11141-16-5 | Aroclor-1232 | 4.30 | U | 1 | 4.30 | 19.7 | ug/kg | 10/27/25 10:10 | PB170236 |
| 53469-21-9 | Aroclor-1242 | 4.60 | U | 1 | 4.60 | 19.7 | ug/kg | 10/27/25 10:10 | PB170236 |
| 12672-29-6 | Aroclor-1248 | 6.90 | U | 1 | 6.90 | 19.7 | ug/kg | 10/27/25 10:10 | PB170236 |
| 11097-69-1 | Aroclor-1254 | 148 | | 1 | 3.70 | 19.7 | ug/kg | 10/27/25 10:10 | PB170236 |
| 37324-23-5 | Aroclor-1262 | 5.80 | U | 1 | 5.80 | 19.7 | ug/kg | 10/27/25 10:10 | PB170236 |
| 11100-14-4 | Aroclor-1268 | 4.20 | U | 1 | 4.20 | 19.7 | ug/kg | 10/27/25 10:10 | PB170236 |
| 11096-82-5 | Aroclor-1260 | 166 | | 1 | 3.70 | 19.7 | ug/kg | 10/27/25 10:10 | PB170236 |
| **SURROGATES** | | | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 25.7 | | | 32 - 144 | 128% | SPK: 20 | | |
| 2051-24-3 | Decachlorobiphenyl | 24.0 | | | 32 - 175 | 120% | SPK: 20 | | |

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: **PQ071154.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:10
Operator : YP\AJ
Sample : Q3450-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MSD

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:30:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 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... | 3.399 | 2.776 | 111.8E6 | 112.9E6 | 25.689 | 22.228 |
| 2) | SA Decachlor... | 8.496 | 7.531 | 69730856 | 115.6E6 | 24.012 | 22.895 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.478 | 3.775 | 66133318 | 86839134 | 402.898m | 387.671m |
| 4) | L1 AR-1016-2 | 4.497 | 3.791 | 106.6E6 | 113.2E6 | 415.843m | 332.751m |
| 5) | L1 AR-1016-3 | 4.555 | 3.952 | 68384934 | 72254323 | 429.774m | 397.310 |
| 6) | L1 AR-1016-4 | 4.645 | 4.000 | 55794798 | 61092237 | 429.424m | 388.102 |
| 7) | L1 AR-1016-5 | 4.930 | 4.195 | 53701684 | 67804394 | 416.929 | 353.439 |
| 26) | L6 AR-1254-1 | 5.292 | 4.531 | 46316796 | 64856412 | 235.975 | 192.331 |
| 27) | L6 AR-1254-2 | 5.507 | 4.678 | 67669054 | 75430352 | 232.954 | 253.842 |
| 28) | L6 AR-1254-3 | 5.854 | 5.058 | 79307585 | 109.9E6 | 258.156 | 235.279 |
| 29) | L6 AR-1254-4 | 6.134 | 5.284 | 64884968 | 78163021 | 295.549 | 264.734 |
| 30) | L6 AR-1254-5 | 6.543 | 5.687 | 208.6E6 | 305.6E6 | 899.407 | 726.931 |
| 31) | L7 AR-1260-1 | 6.019 | 5.187 | 119.0E6 | 170.6E6 | 507.455 | 473.416 |
| 32) | L7 AR-1260-2 | 6.275 | 5.376 | 141.2E6 | 188.2E6 | 510.578 | 427.657 |
| 33) | L7 AR-1260-3 | 6.625 | 5.516 | 71042700 | 189.8E6 | 356.446 | 457.353 # |
| 34) | L7 AR-1260-4 | 6.840 | 5.977 | 85195497 | 113.2E6 | 396.473 | 314.727 |
| 35) | L7 AR-1260-5 | 7.145 | 6.221 | 165.8E6 | 260.8E6 | 382.125 | 310.420 |

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

Sample Results: **PQ071154.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:10
Operator : YP\AJ
Sample : Q3450-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

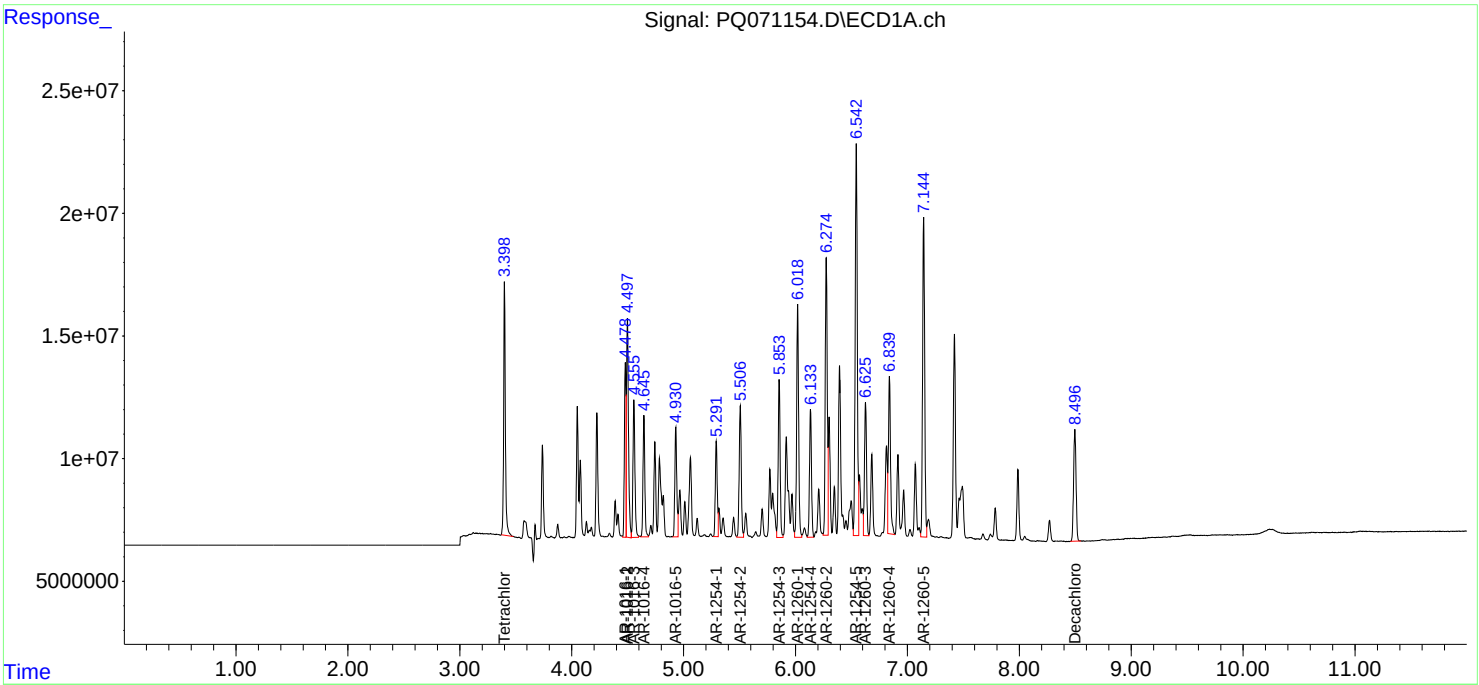
**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MSD

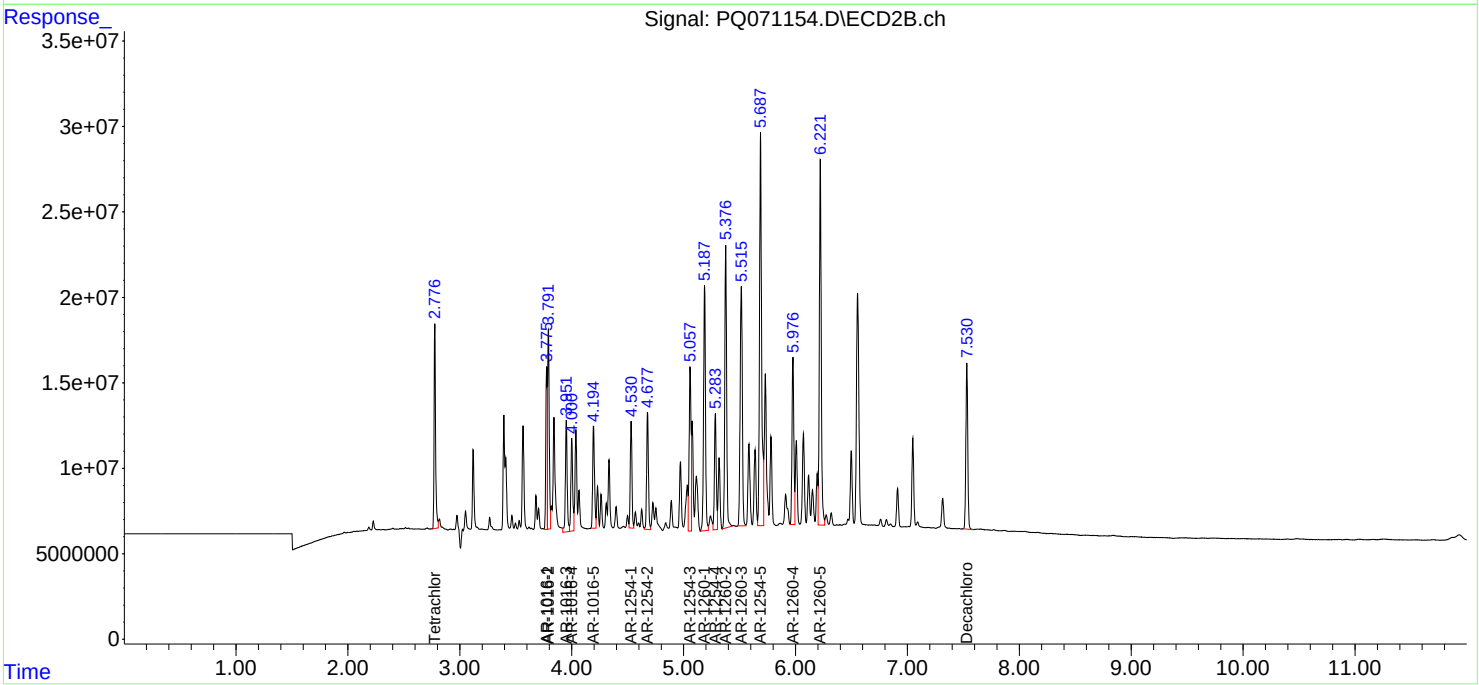
**Manual Integrations APPROVED**

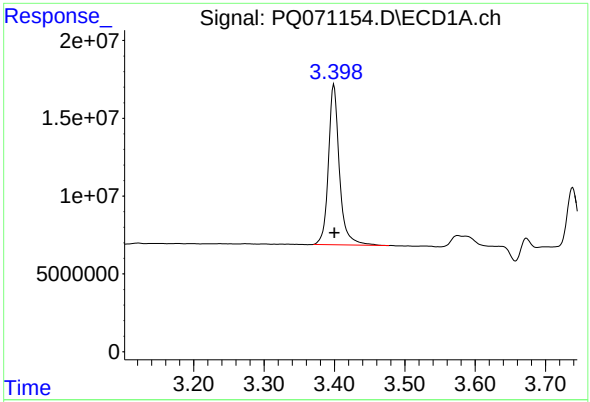
Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:30:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 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





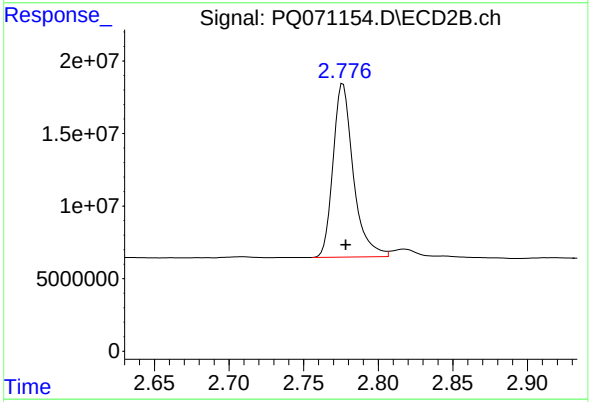

#1 Tetrachloro-m-xylene

R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 111754436
Conc: 25.69 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MSD

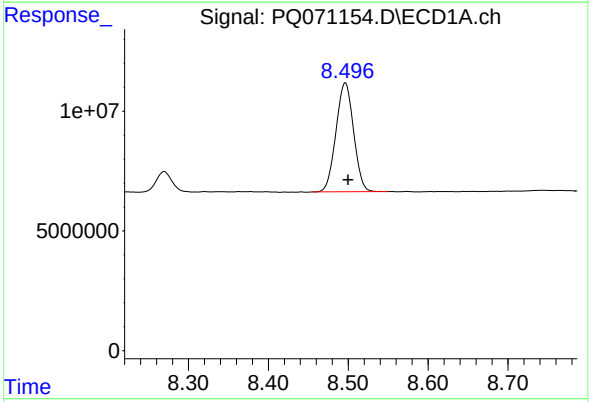
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



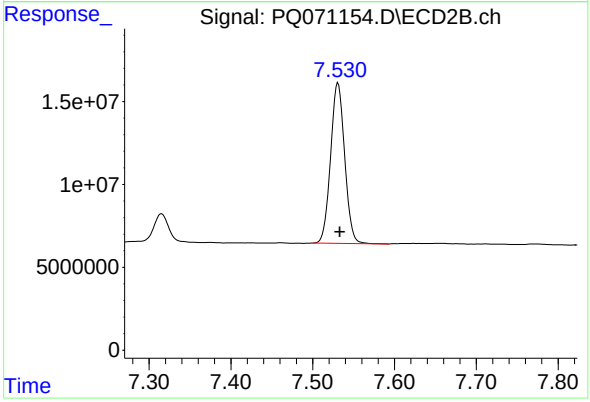

#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 112916852
Conc: 22.23 ng/ml



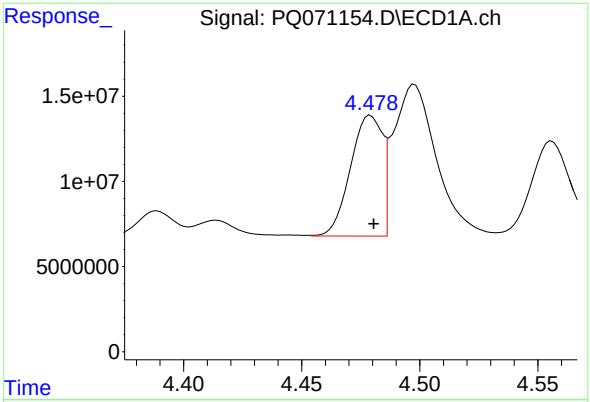

#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 69730856
Conc: 24.01 ng/ml




#2 Decachlorobiphenyl

R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 115608939
Conc: 22.89 ng/ml



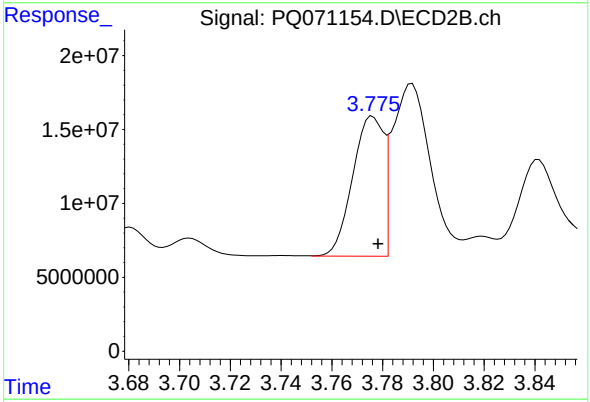

#3 AR-1016-1

R.T.: 4.478 min
Delta R.T.: -0.002 min
Response: 66133318
Conc: 402.90 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MSD

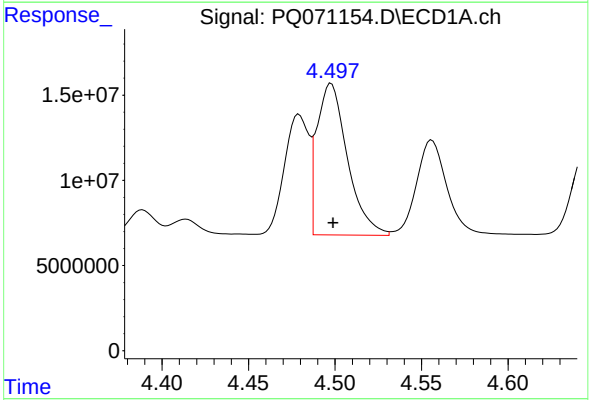
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



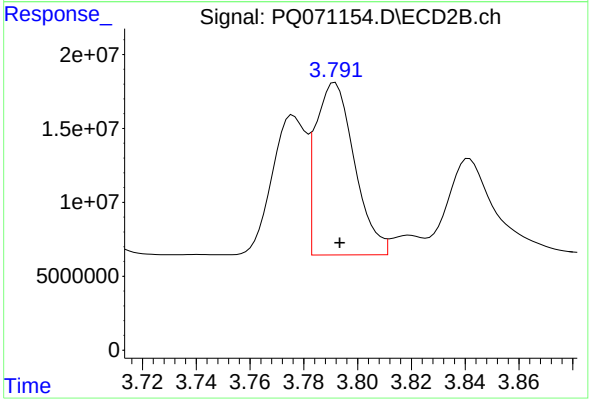

#3 AR-1016-1

R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 86839134
Conc: 387.67 ng/ml m



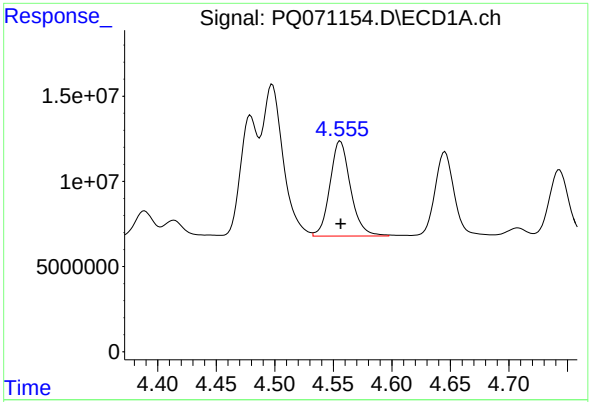

#4 AR-1016-2

R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 106578119
Conc: 415.84 ng/ml m




#4 AR-1016-2

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 113176292
Conc: 332.75 ng/ml m



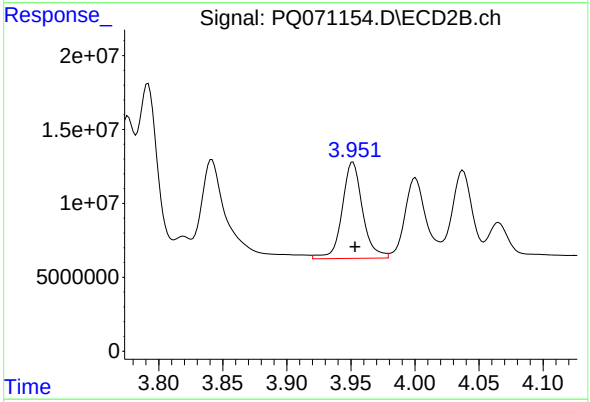

#5 AR-1016-3

R.T.: 4.555 min
Delta R.T.: -0.001 min
Response: 68384934
Conc: 429.77 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MSD

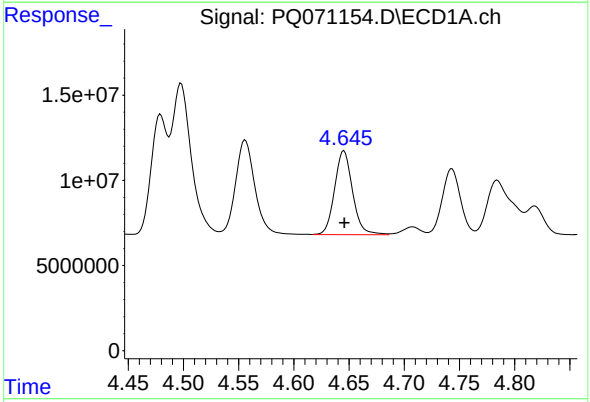
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



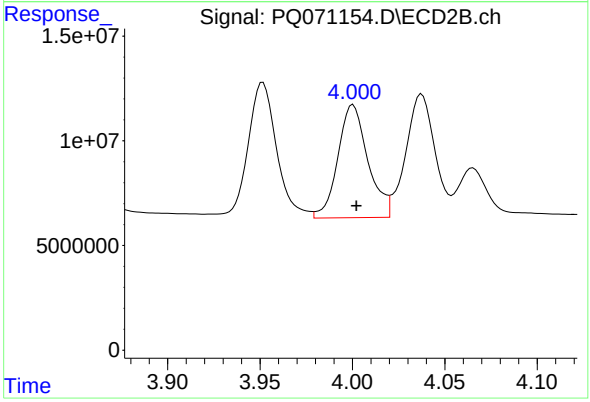

#5 AR-1016-3

R.T.: 3.952 min
Delta R.T.: -0.002 min
Response: 72254323
Conc: 397.31 ng/ml



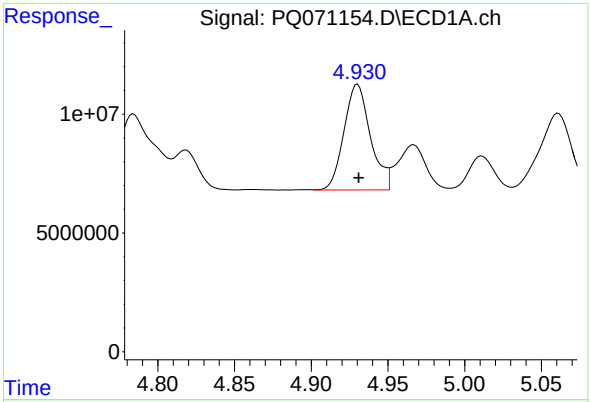

#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: -0.001 min
Response: 55794798
Conc: 429.42 ng/ml m




#6 AR-1016-4

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 61092237
Conc: 388.10 ng/ml



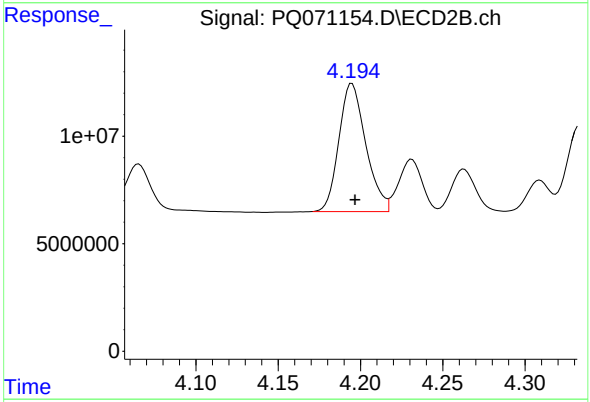

#7 AR-1016-5

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 53701684
Conc: 416.93 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MSD

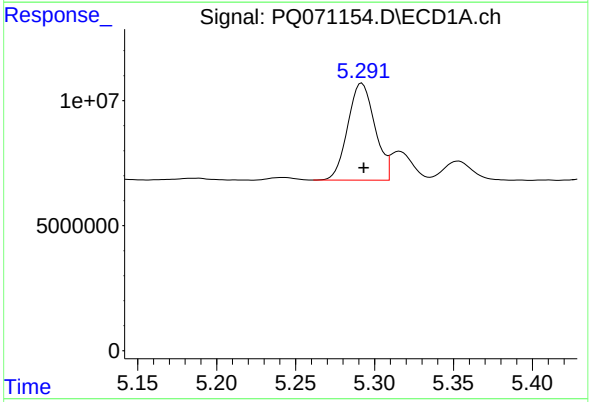
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



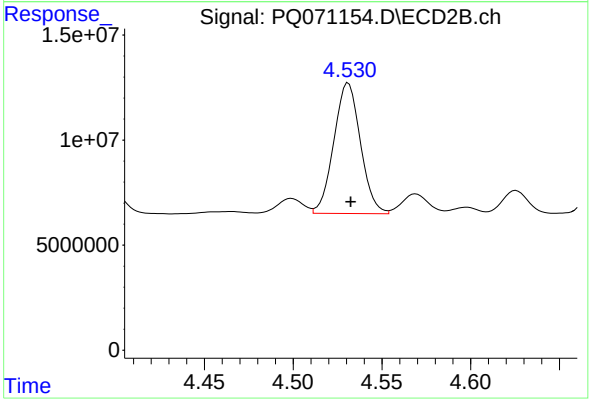

#7 AR-1016-5

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 67804394
Conc: 353.44 ng/ml



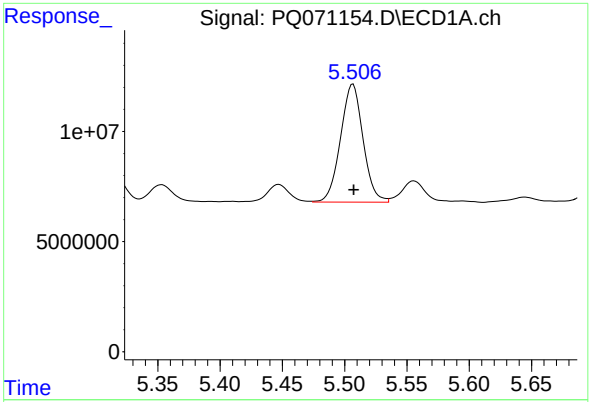

#26 AR-1254-1

R.T.: 5.292 min
Delta R.T.: -0.001 min
Response: 46316796
Conc: 235.98 ng/ml




#26 AR-1254-1

R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 64856412
Conc: 192.33 ng/ml



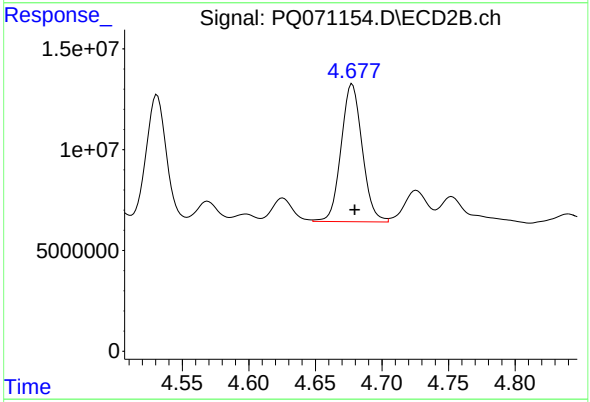

#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 67669054
Conc: 232.95 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MSD

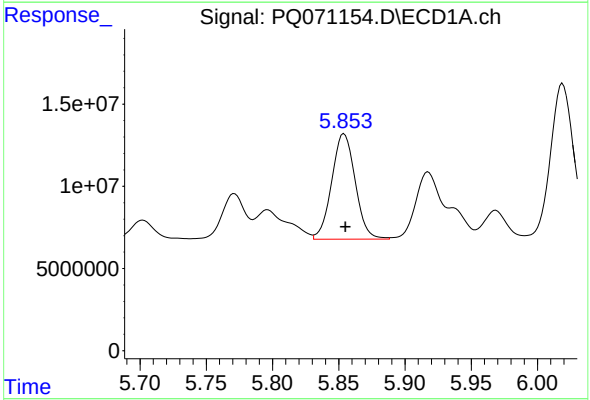
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



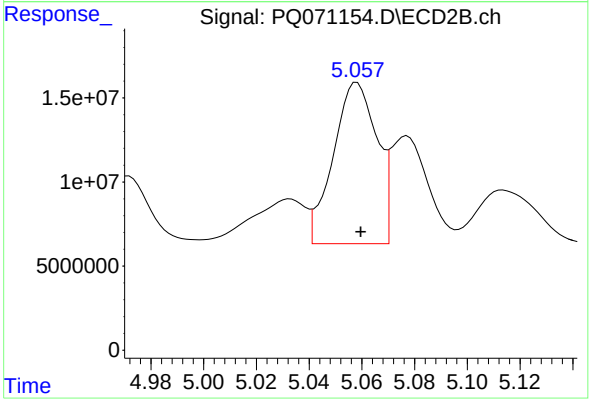

#27 AR-1254-2

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 75430352
Conc: 253.84 ng/ml



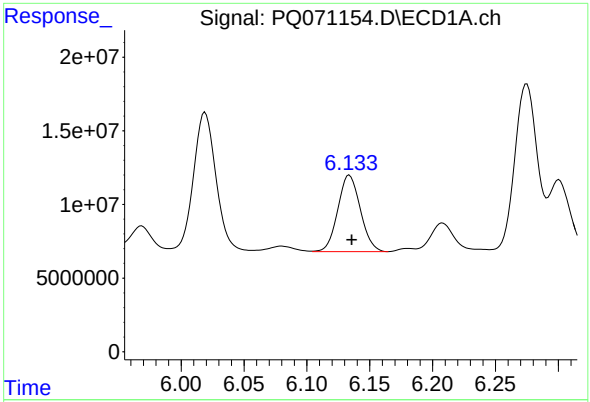

#28 AR-1254-3

R.T.: 5.854 min
Delta R.T.: -0.001 min
Response: 79307585
Conc: 258.16 ng/ml




#28 AR-1254-3

R.T.: 5.058 min
Delta R.T.: -0.001 min
Response: 109890815
Conc: 235.28 ng/ml



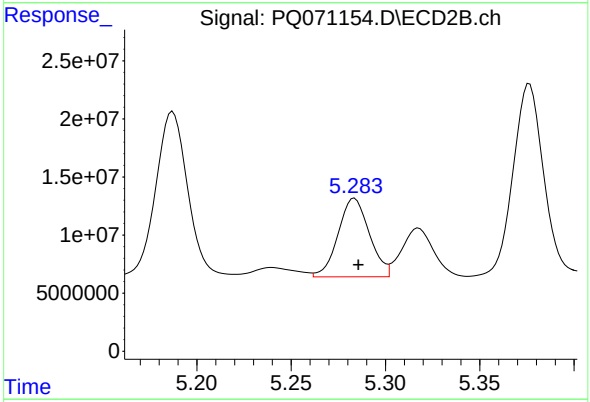

#29 AR-1254-4

R.T.: 6.134 min
Delta R.T.: -0.002 min
Response: 64884968
Conc: 295.55 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MSD

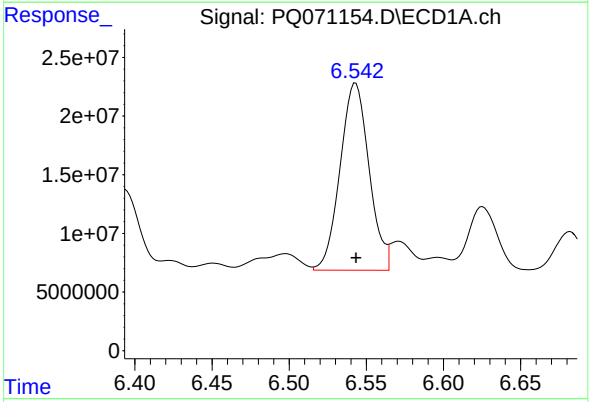
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



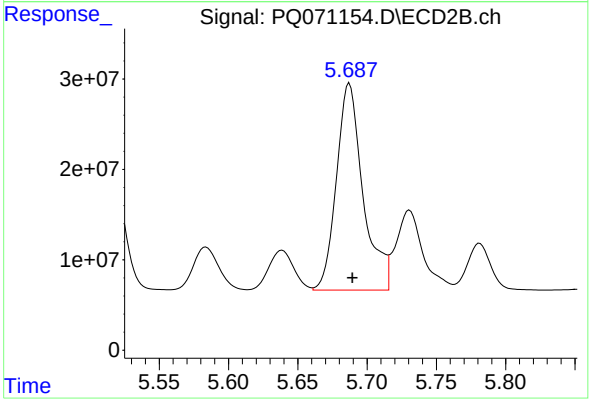

#29 AR-1254-4

R.T.: 5.284 min
Delta R.T.: -0.002 min
Response: 78163021
Conc: 264.73 ng/ml



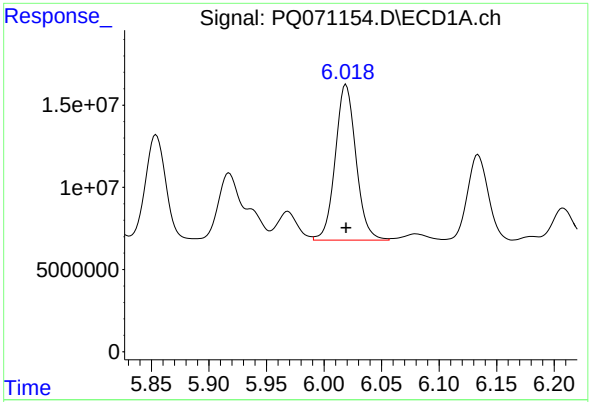

#30 AR-1254-5

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 208568568
Conc: 899.41 ng/ml




#30 AR-1254-5

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 305564972
Conc: 726.93 ng/ml



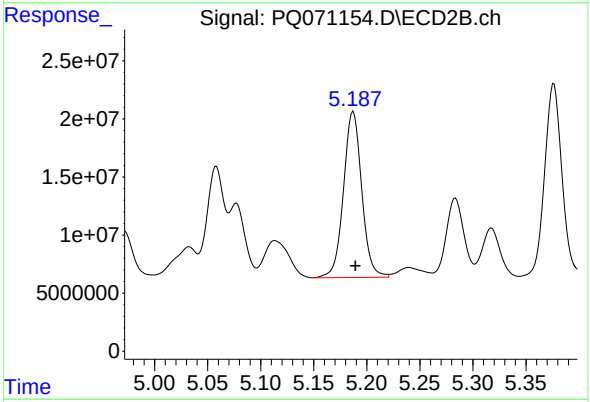

#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 118983533
Conc: 507.46 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MSD

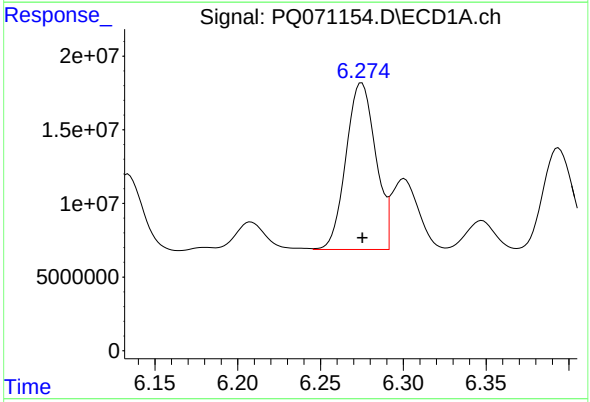
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



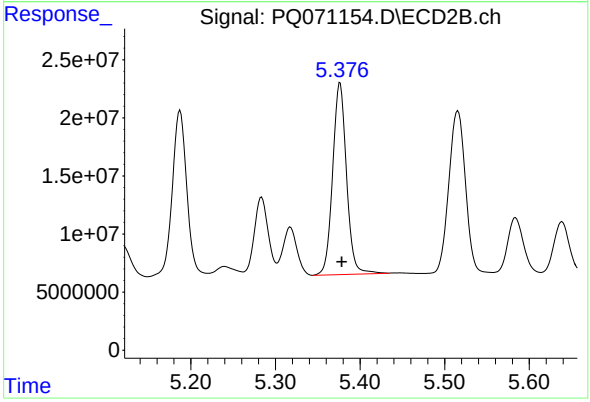

#31 AR-1260-1

R.T.: 5.187 min
Delta R.T.: -0.002 min
Response: 170621958
Conc: 473.42 ng/ml



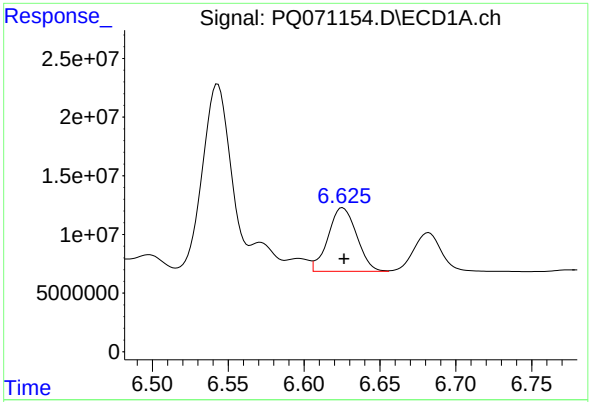

#32 AR-1260-2

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 141230493
Conc: 510.58 ng/ml




#32 AR-1260-2

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 188166278
Conc: 427.66 ng/ml



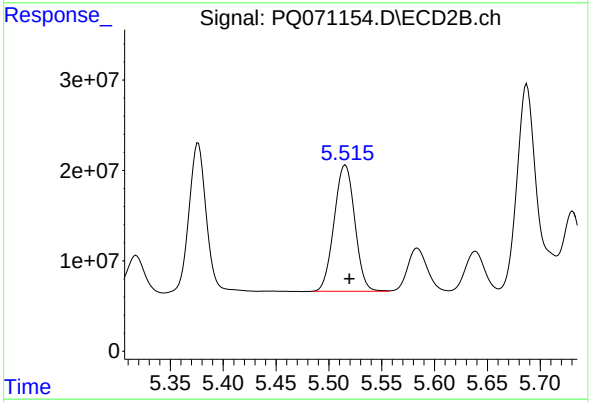

#33 AR-1260-3

R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 71042700
Conc: 356.45 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MSD

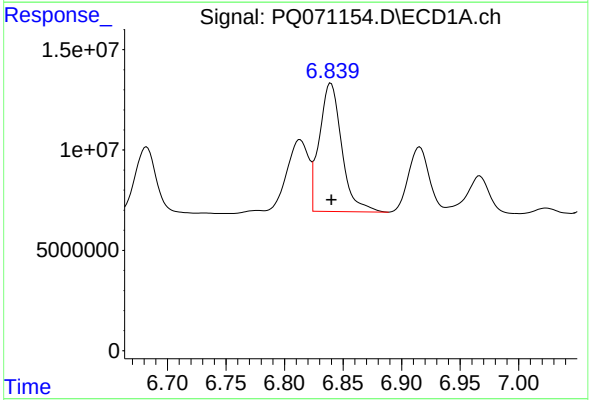
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



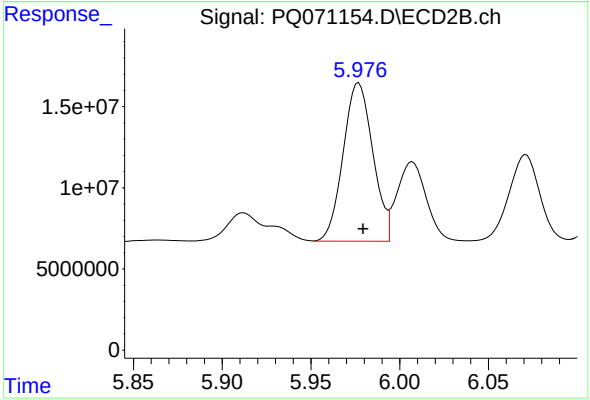

#33 AR-1260-3

R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 189801263
Conc: 457.35 ng/ml



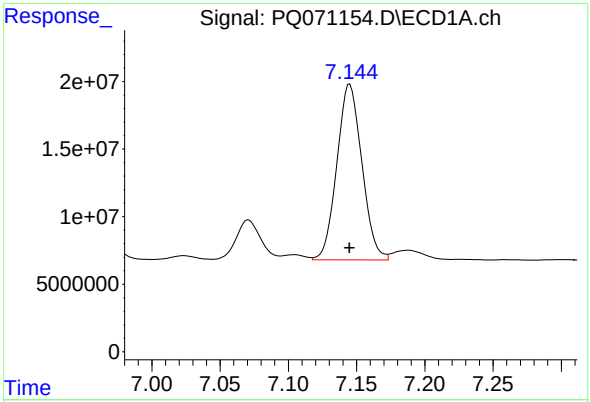

#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 85195497
Conc: 396.47 ng/ml




#34 AR-1260-4

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 113227144
Conc: 314.73 ng/ml



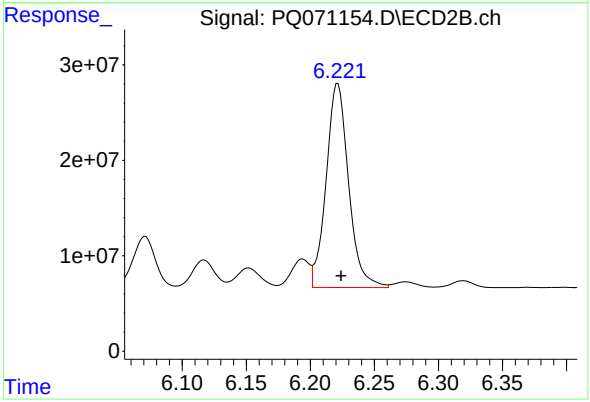

#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 165757125
Conc: 382.13 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
SS-5R-(3.5-4.0)MSD

**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025




#35 AR-1260-5

R.T.: 6.221 min
Delta R.T.: -0.003 min
Response: 260840669
Conc: 310.42 ng/ml

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# Manual Integration Report

| Sequence: | PP102125 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| I.BLK | PP075887.D | Decachlorobiphenyl | yogesh | 10/22/2025 12:24:41 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1660ICC050 | PP075892.D | AR-1016-3 | yogesh | 10/22/2025 12:25:25 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1660ICC050 | PP075892.D | AR-1016-3 #2 | yogesh | 10/22/2025 12:25:25 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1660ICC050 | PP075892.D | AR-1016-4 | yogesh | 10/22/2025 12:25:25 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1660ICC050 | PP075892.D | AR-1016-4 #2 | yogesh | 10/22/2025 12:25:25 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1660ICC050 | PP075892.D | AR-1016-5 #2 | yogesh | 10/22/2025 12:25:25 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1660ICC050 | PP075892.D | Tetrachloro-m-xylene #2 | yogesh | 10/22/2025 12:25:25 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1232ICC500 | PP075894.D | AR-1232-4 #2 | yogesh | 10/22/2025 12:24:44 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1242ICC1000 | PP075895.D | AR-1242-4 #2 | yogesh | 10/22/2025 12:24:45 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1242ICC750 | PP075896.D | AR-1242-4 #2 | yogesh | 10/22/2025 12:24:46 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1242ICC500 | PP075897.D | AR-1242-4 #2 | yogesh | 10/22/2025 12:24:48 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1242ICC250 | PP075898.D | AR-1242-4 #2 | yogesh | 10/22/2025 12:24:50 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1242ICC250 | PP075898.D | AR-1242-5 | yogesh | 10/22/2025 12:24:50 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP102125 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1242ICC050 | PP075899.D | AR-1242-5 | yogesh | 10/22/2025 12:24:52 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1242ICC050 | PP075899.D | Tetrachloro-m-xylene #2 | yogesh | 10/22/2025 12:24:52 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1248ICC1000 | PP075900.D | AR-1248-3 #2 | yogesh | 10/22/2025 12:24:53 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1248ICC750 | PP075901.D | AR-1248-3 #2 | yogesh | 10/22/2025 12:24:55 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1248ICC500 | PP075902.D | AR-1248-3 #2 | yogesh | 10/22/2025 12:24:57 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1248ICC250 | PP075903.D | AR-1248-3 #2 | yogesh | 10/22/2025 12:24:58 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1248ICC050 | PP075904.D | AR-1248-4 | yogesh | 10/22/2025 12:25:00 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1248ICC050 | PP075904.D | AR-1248-4 #2 | yogesh | 10/22/2025 12:25:00 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1248ICC050 | PP075904.D | AR-1248-5 | yogesh | 10/22/2025 12:25:00 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1248ICC050 | PP075904.D | AR-1248-5 #2 | yogesh | 10/22/2025 12:25:00 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1248ICC050 | PP075904.D | Tetrachloro-m-xylene #2 | yogesh | 10/22/2025 12:25:00 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1254ICC1000 | PP075905.D | AR-1254-1 | yogesh | 10/22/2025 12:25:02 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1254ICC750 | PP075906.D | AR-1254-1 | yogesh | 10/22/2025 12:25:03 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP102125 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1254ICC750 | PP075906.D | AR-1254-5 #2 | yogesh | 10/22/2025 12:25:03 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1254ICC500 | PP075907.D | AR-1254-1 | yogesh | 10/22/2025 12:25:05 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1254ICC250 | PP075908.D | AR-1254-1 | yogesh | 10/22/2025 12:25:07 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1254ICC050 | PP075909.D | Tetrachloro-m-xylene #2 | yogesh | 10/22/2025 12:25:09 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1242ICV500 | PP075917.D | AR-1242-4 #2 | yogesh | 10/24/2025 4:12:30 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1242ICV500 | PP075917.D | Decachlorobiphenyl | yogesh | 10/24/2025 4:12:30 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1248ICV500 | PP075918.D | AR-1248-3 #2 | yogesh | 10/24/2025 4:12:35 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |
| AR1254ICV500 | PP075919.D | AR-1254-1 #2 | yogesh | 10/24/2025 4:12:33 PM | mohammad | 10/25/2025 7:28:37 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP102725 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1660CCC50 0 | PP076063.D | AR-1016-1 #2 | yogesh | 10/28/2025 7:45:04 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| AR1660CCC50 0 | PP076063.D | AR-1016-2 #2 | yogesh | 10/28/2025 7:45:04 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| AR1242CCC50 0 | PP076064.D | AR-1242-4 #2 | yogesh | 10/28/2025 7:45:06 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| AR1248CCC50 0 | PP076065.D | AR-1248-3 #2 | yogesh | 10/28/2025 7:45:08 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| AR1254CCC50 0 | PP076066.D | AR-1254-1 | yogesh | 10/28/2025 7:45:20 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| PB170236BL | PP076068.D | Decachlorobiphenyl | yogesh | 10/28/2025 7:45:22 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| PB170236BL | PP076068.D | Tetrachloro-m-xylene | yogesh | 10/28/2025 7:45:22 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| PB170236BS | PP076069.D | AR-1260-4 | yogesh | 10/28/2025 7:45:24 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| PB170236BS | PP076069.D | Tetrachloro-m-xylene | yogesh | 10/28/2025 7:45:24 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| PB170236BS | PP076069.D | Tetrachloro-m-xylene #2 | yogesh | 10/28/2025 7:45:24 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| Q3447-03 | PP076075.D | AR-1260-4 | yogesh | 10/28/2025 7:45:32 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| Q3447-03 | PP076075.D | Tetrachloro-m-xylene | yogesh | 10/28/2025 7:45:32 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| Q3447-07 | PP076076.D | Decachlorobiphenyl | yogesh | 10/28/2025 7:45:35 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP102725 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| Q3447-07 | PP076076.D | Decachlorobiphenyl #2 | yogesh | 10/28/2025 7:45:35 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| Q3447-07 | PP076076.D | Tetrachloro-m-xylene | yogesh | 10/28/2025 7:45:35 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| AR1242CCC500 | PP076079.D | AR-1242-4 #2 | yogesh | 10/28/2025 7:45:37 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| AR1248CCC500 | PP076080.D | AR-1248-3 #2 | yogesh | 10/28/2025 7:45:40 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| AR1248CCC500 | PP076080.D | AR-1248-5 #2 | yogesh | 10/28/2025 7:45:40 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| AR1254CCC500 | PP076081.D | AR-1254-1 | yogesh | 10/28/2025 7:45:42 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| Q3447-05 | PP076087.D | Decachlorobiphenyl | yogesh | 10/28/2025 7:46:15 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| Q3447-05 | PP076087.D | Tetrachloro-m-xylene | yogesh | 10/28/2025 7:46:15 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| Q3447-05 | PP076087.D | Tetrachloro-m-xylene #2 | yogesh | 10/28/2025 7:46:15 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| Q3447-01 | PP076088.D | Decachlorobiphenyl | yogesh | 10/28/2025 7:46:17 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| Q3447-01 | PP076088.D | Tetrachloro-m-xylene | yogesh | 10/28/2025 7:46:17 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| Q3447-01 | PP076088.D | Tetrachloro-m-xylene #2 | yogesh | 10/28/2025 7:46:17 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| AR1242CCC500 | PP076094.D | AR-1242-4 #2 | yogesh | 10/28/2025 7:46:25 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP102725 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1248CCC500 | PP076095.D | AR-1248-3 #2 | yogesh | 10/28/2025 7:46:27 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| AR1254CCC500 | PP076096.D | AR-1254-1 | yogesh | 10/28/2025 7:46:29 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| AR1254CCC500 | PP076096.D | AR-1254-1 #2 | yogesh | 10/28/2025 7:46:29 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| AR1242CCC500 | PP076105.D | AR-1242-4 #2 | yogesh | 10/28/2025 7:46:39 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| AR1242CCC500 | PP076105.D | AR-1242-5 #2 | yogesh | 10/28/2025 7:46:39 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |
| AR1248CCC500 | PP076106.D | AR-1248-3 #2 | yogesh | 10/28/2025 7:46:41 AM | mohammad | 10/29/2025 5:27:46 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP102825 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1242CCC500 | PP076111.D | AR-1242-4 #2 | yogesh | 10/29/2025 8:35:53 AM |   |   | Peak Integrated by Software |
| AR1242CCC500 | PP076111.D | AR-1242-5 #2 | yogesh | 10/29/2025 8:35:53 AM |   |   | Peak Integrated by Software |
| AR1248CCC500 | PP076112.D | AR-1248-1 #2 | yogesh | 10/29/2025 8:35:55 AM |   |   | Peak Integrated by Software |
| AR1248CCC500 | PP076112.D | AR-1248-3 #2 | yogesh | 10/29/2025 8:35:55 AM |   |   | Peak Integrated by Software |
| AR1248CCC500 | PP076112.D | AR-1248-5 #2 | yogesh | 10/29/2025 8:35:55 AM |   |   | Peak Integrated by Software |
| AR1254CCC500 | PP076113.D | AR-1254-1 | yogesh | 10/29/2025 8:35:57 AM |   |   | Peak Integrated by Software |
| AR1254CCC500 | PP076113.D | AR-1254-1 #2 | yogesh | 10/29/2025 8:35:57 AM |   |   | Peak Integrated by Software |
| Q3447-03RE | PP076119.D | AR-1260-3 #2 | yogesh | 10/29/2025 8:36:01 AM |   |   | Peak Integrated by Software |
| Q3447-03RE | PP076119.D | AR-1260-4 | yogesh | 10/29/2025 8:36:01 AM |   |   | Peak Integrated by Software |
| Q3447-03RE | PP076119.D | Tetrachloro-m-xylene | yogesh | 10/29/2025 8:36:01 AM |   |   | Peak Integrated by Software |
| Q3447-01RE | PP076120.D | Tetrachloro-m-xylene | yogesh | 10/29/2025 8:36:04 AM |   |   | Peak Integrated by Software |
| Q3447-01RE | PP076120.D | Tetrachloro-m-xylene #2 | yogesh | 10/29/2025 8:36:04 AM |   |   | Peak Integrated by Software |
| AR1660CCC500 | PP076126.D | AR-1016-1 #2 | yogesh | 10/29/2025 8:36:22 AM |   |   | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP102825 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1242CCC500 | PP076127.D | AR-1242-4 #2 | yogesh | 10/29/2025 8:36:24 AM |   |   | Peak Integrated by Software |
| AR1242CCC500 | PP076127.D | AR-1242-5 #2 | yogesh | 10/29/2025 8:36:24 AM |   |   | Peak Integrated by Software |
| AR1248CCC500 | PP076128.D | AR-1248-3 #2 | yogesh | 10/29/2025 8:36:26 AM |   |   | Peak Integrated by Software |
| AR1248CCC500 | PP076128.D | AR-1248-5 #2 | yogesh | 10/29/2025 8:36:26 AM |   |   | Peak Integrated by Software |
| AR1254CCC500 | PP076129.D | AR-1254-1 | yogesh | 10/29/2025 8:36:28 AM |   |   | Peak Integrated by Software |
| AR1254CCC500 | PP076129.D | AR-1254-1 #2 | yogesh | 10/29/2025 8:36:28 AM |   |   | Peak Integrated by Software |
| AR1242CCC500 | PP076143.D | AR-1242-4 #2 | yogesh | 10/29/2025 8:36:37 AM |   |   | Peak Integrated by Software |
| AR1242CCC500 | PP076143.D | AR-1242-5 #2 | yogesh | 10/29/2025 8:36:37 AM |   |   | Peak Integrated by Software |
| AR1248CCC500 | PP076144.D | AR-1248-3 #2 | yogesh | 10/29/2025 8:36:40 AM |   |   | Peak Integrated by Software |
| AR1248CCC500 | PP076144.D | AR-1248-5 #2 | yogesh | 10/29/2025 8:36:40 AM |   |   | Peak Integrated by Software |
| AR1254CCC500 | PP076145.D | AR-1254-1 | yogesh | 10/29/2025 8:36:42 AM |   |   | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | pq101025 | Instrument | ECD_q |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1660ICC050 | PQ070977.D | AR-1260-1 | yogesh | 10/13/2025 8:00:35 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| AR1660ICC050 | PQ070977.D | AR-1260-2 | yogesh | 10/13/2025 8:00:35 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| AR1242ICC050 | PQ070984.D | AR-1242-1 #2 | yogesh | 10/13/2025 8:00:37 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| AR1242ICC050 | PQ070984.D | AR-1242-2 #2 | yogesh | 10/13/2025 8:00:37 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| AR1242ICC050 | PQ070984.D | AR-1242-3 #2 | yogesh | 10/13/2025 8:00:37 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| AR1242ICC050 | PQ070984.D | AR-1242-4 #2 | yogesh | 10/13/2025 8:00:37 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| AR1242ICC050 | PQ070984.D | AR-1242-5 | yogesh | 10/13/2025 8:00:37 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| AR1242ICC050 | PQ070984.D | AR-1242-5 #2 | yogesh | 10/13/2025 8:00:37 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| AR1248ICC250 | PQ070988.D | AR-1248-4 #2 | yogesh | 10/13/2025 8:00:39 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| AR1248ICC250 | PQ070988.D | AR-1248-5 #2 | yogesh | 10/13/2025 8:00:39 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| PQ101025ICV | PQ071001.D | AR-1016-1 #2 | yogesh | 10/13/2025 8:00:41 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| PQ101025ICV | PQ071001.D | AR-1016-2 #2 | yogesh | 10/13/2025 8:00:41 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| PQ101025ICV | PQ071001.D | AR-1016-3 #2 | yogesh | 10/13/2025 8:00:41 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | pq101025 | Instrument | ECD_q |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| PQ101025ICV | PQ071001.D | AR-1016-4 #2 | yogesh | 10/13/2025 8:00:41 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| PQ101025ICV | PQ071001.D | AR-1016-5 #2 | yogesh | 10/13/2025 8:00:41 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| PQ101025ICV | PQ071001.D | AR-1260-1 | yogesh | 10/13/2025 8:00:41 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| PQ101025ICV | PQ071001.D | AR-1260-1 #2 | yogesh | 10/13/2025 8:00:41 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| PQ101025ICV | PQ071001.D | AR-1260-2 | yogesh | 10/13/2025 8:00:41 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| PQ101025ICV | PQ071001.D | AR-1260-2 #2 | yogesh | 10/13/2025 8:00:41 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| AR1242ICV500 | PQ071002.D | AR-1242-3 #2 | yogesh | 10/13/2025 8:00:43 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| AR1248ICV500 | PQ071003.D | AR-1248-4 | yogesh | 10/13/2025 8:00:45 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| AR1248ICV500 | PQ071003.D | AR-1248-4 #2 | yogesh | 10/13/2025 8:00:45 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |
| AR1248ICV500 | PQ071003.D | AR-1248-5 | yogesh | 10/13/2025 8:00:45 AM | mohammad | 10/14/2025 2:48:24 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PQ102725 | Instrument | ECD_q |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| Q3450-02MS | PQ071153.D | AR-1016-1 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | AR-1016-1 #2 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | AR-1016-2 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | AR-1016-2 #2 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | AR-1016-3 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | AR-1016-3 #2 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | AR-1016-4 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | AR-1016-4 #2 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | AR-1254-1 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | AR-1254-2 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | AR-1254-3 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | AR-1254-3 #2 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | AR-1254-4 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PQ102725 | Instrument | ECD_q |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| Q3450-02MS | PQ071153.D | AR-1260-1 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | AR-1260-1 #2 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | AR-1260-2 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MS | PQ071153.D | Tetrachloro-m-xylene #2 | yogesh | 10/27/2025 1:46:49 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MSD | PQ071154.D | AR-1016-1 | yogesh | 10/27/2025 1:46:51 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MSD | PQ071154.D | AR-1016-1 #2 | yogesh | 10/27/2025 1:46:51 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MSD | PQ071154.D | AR-1016-2 | yogesh | 10/27/2025 1:46:51 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MSD | PQ071154.D | AR-1016-2 #2 | yogesh | 10/27/2025 1:46:51 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MSD | PQ071154.D | AR-1016-3 | yogesh | 10/27/2025 1:46:51 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| Q3450-02MSD | PQ071154.D | AR-1016-4 | yogesh | 10/27/2025 1:46:51 PM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| AR1660CCC500 | PQ071176.D | AR-1016-3 | yogesh | 10/28/2025 7:20:00 AM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| AR1660CCC500 | PQ071176.D | AR-1016-4 | yogesh | 10/28/2025 7:20:00 AM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| AR1660CCC500 | PQ071176.D | AR-1260-1 | yogesh | 10/28/2025 7:20:00 AM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PQ102725 | Instrument | ECD_q |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1660CCC500 | PQ071176.D | AR-1260-3 | yogesh | 10/28/2025 7:20:00 AM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| AR1660CCC500 | PQ071176.D | AR-1260-4 | yogesh | 10/28/2025 7:20:00 AM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| AR1660CCC500 | PQ071176.D | AR-1260-5 | yogesh | 10/28/2025 7:20:00 AM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| AR1254CCC500 | PQ071179.D | AR-1254-1 | yogesh | 10/28/2025 7:20:03 AM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| AR1254CCC500 | PQ071179.D | AR-1254-2 | yogesh | 10/28/2025 7:20:03 AM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| AR1254CCC500 | PQ071179.D | AR-1254-3 | yogesh | 10/28/2025 7:20:03 AM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| AR1254CCC500 | PQ071179.D | AR-1254-4 | yogesh | 10/28/2025 7:20:03 AM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| AR1254CCC500 | PQ071179.D | AR-1254-5 | yogesh | 10/28/2025 7:20:03 AM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |
| AR1254CCC500 | PQ071179.D | Decachlorobiphenyl | yogesh | 10/28/2025 7:20:03 AM | mohammad | 10/29/2025 5:27:51 | Peak Integrated by Software |

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/21/2025 12:01:15 PM | | |
| Supervise By | mohammad | Supervise On | 10/25/2025 7:28:37 AM | | |
| SubDirectory | PP102125 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | HEXANE | PP075886.D | 21 Oct 2025 08:33 | YP\AJ | Ok |
| 2 | I.BLK | PP075887.D | 21 Oct 2025 08:49 | YP\AJ | Ok,M |
| 3 | AR1660ICC1000 | PP075888.D | 21 Oct 2025 09:06 | YP\AJ | Ok |
| 4 | AR1660ICC750 | PP075889.D | 21 Oct 2025 09:22 | YP\AJ | Ok |
| 5 | AR1660ICC500 | PP075890.D | 21 Oct 2025 09:38 | YP\AJ | Ok |
| 6 | AR1660ICC250 | PP075891.D | 21 Oct 2025 09:54 | YP\AJ | Ok |
| 7 | AR1660ICC050 | PP075892.D | 21 Oct 2025 10:11 | YP\AJ | Ok,M |
| 8 | AR1221ICC500 | PP075893.D | 21 Oct 2025 10:27 | YP\AJ | Ok |
| 9 | AR1232ICC500 | PP075894.D | 21 Oct 2025 10:43 | YP\AJ | Ok,M |
| 10 | AR1242ICC1000 | PP075895.D | 21 Oct 2025 10:59 | YP\AJ | Ok,M |
| 11 | AR1242ICC750 | PP075896.D | 21 Oct 2025 11:16 | YP\AJ | Ok,M |
| 12 | AR1242ICC500 | PP075897.D | 21 Oct 2025 11:48 | YP\AJ | Ok,M |
| 13 | AR1242ICC250 | PP075898.D | 21 Oct 2025 12:04 | YP\AJ | Ok,M |
| 14 | AR1242ICC050 | PP075899.D | 21 Oct 2025 12:21 | YP\AJ | Ok,M |
| 15 | AR1248ICC1000 | PP075900.D | 21 Oct 2025 12:41 | YP\AJ | Ok,M |
| 16 | AR1248ICC750 | PP075901.D | 21 Oct 2025 12:57 | YP\AJ | Ok,M |
| 17 | AR1248ICC500 | PP075902.D | 21 Oct 2025 13:13 | YP\AJ | Ok,M |
| 18 | AR1248ICC250 | PP075903.D | 21 Oct 2025 13:30 | YP\AJ | Ok,M |
| 19 | AR1248ICC050 | PP075904.D | 21 Oct 2025 13:46 | YP\AJ | Ok,M |
| 20 | AR1254ICC1000 | PP075905.D | 21 Oct 2025 14:02 | YP\AJ | Ok,M |
| 21 | AR1254ICC750 | PP075906.D | 21 Oct 2025 14:18 | YP\AJ | Ok,M |

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/21/2025 12:01:15 PM | | |
| Supervise By | mohammad | Supervise On | 10/25/2025 7:28:37 AM | | |
| SubDirectory | PP102125 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | AR1254ICC500 | PP075907.D | 21 Oct 2025 14:35 | YP\AJ | Ok,M |
| 23 | AR1254ICC250 | PP075908.D | 21 Oct 2025 14:51 | YP\AJ | Ok,M |
| 24 | AR1254ICC050 | PP075909.D | 21 Oct 2025 15:07 | YP\AJ | Ok,M |
| 25 | AR1262ICC500 | PP075910.D | 21 Oct 2025 15:40 | YP\AJ | Ok |
| 26 | AR1268ICC1000 | PP075911.D | 21 Oct 2025 15:56 | YP\AJ | Ok |
| 27 | AR1268ICC750 | PP075912.D | 21 Oct 2025 16:12 | YP\AJ | Ok |
| 28 | AR1268ICC500 | PP075913.D | 21 Oct 2025 16:29 | YP\AJ | Ok |
| 29 | AR1268ICC250 | PP075914.D | 21 Oct 2025 16:45 | YP\AJ | Ok |
| 30 | AR1268ICC050 | PP075915.D | 21 Oct 2025 17:01 | YP\AJ | Ok |
| 31 | PP102125ICV500 | PP075916.D | 21 Oct 2025 17:34 | YP\AJ | Ok |
| 32 | AR1242ICV500 | PP075917.D | 21 Oct 2025 18:06 | YP\AJ | Ok,M |
| 33 | AR1248ICV500 | PP075918.D | 21 Oct 2025 18:39 | YP\AJ | Ok,M |
| 34 | AR1254ICV500 | PP075919.D | 22 Oct 2025 08:49 | YP\AJ | Ok,M |
| 35 | AR1268ICV500 | PP075920.D | 22 Oct 2025 09:07 | YP\AJ | Ok |
| 36 | DDT ANALOG | PP075921.D | 22 Oct 2025 09:25 | YP\AJ | Ok |

M : Manual Integration

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/27/2025 10:53:48 AM | | |
| Supervise By | mohammad | Supervise On | 10/29/2025 5:27:46 AM | | |
| SubDirectory | PP102725 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP2484 4,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | HEXANE | PP076062.D | 27 Oct 2025 08:40 | YP\AJ | Ok |
| 2 | AR1660CCC500 | PP076063.D | 27 Oct 2025 08:56 | YP\AJ | Ok,M |
| 3 | AR1242CCC500 | PP076064.D | 27 Oct 2025 09:13 | YP\AJ | Ok,M |
| 4 | AR1248CCC500 | PP076065.D | 27 Oct 2025 09:29 | YP\AJ | Ok,M |
| 5 | AR1254CCC500 | PP076066.D | 27 Oct 2025 09:45 | YP\AJ | Ok,M |
| 6 | I.BLK | PP076067.D | 27 Oct 2025 10:02 | YP\AJ | Ok |
| 7 | PB170236BL | PP076068.D | 27 Oct 2025 10:18 | YP\AJ | Ok,M |
| 8 | PB170236BS | PP076069.D | 27 Oct 2025 10:34 | YP\AJ | Ok,M |
| 9 | Q3439-01 | PP076070.D | 27 Oct 2025 11:06 | YP\AJ | ReRun |
| 10 | Q3449-01 | PP076071.D | 27 Oct 2025 11:26 | YP\AJ | Ok |
| 11 | Q3450-20DL | PP076072.D | 27 Oct 2025 11:42 | YP\AJ | Ok,M |
| 12 | Q3450-22DL | PP076073.D | 27 Oct 2025 11:58 | YP\AJ | Ok,M |
| 13 | Q3446-05 | PP076074.D | 27 Oct 2025 12:14 | YP\AJ | Not Ok |
| 14 | Q3447-03 | PP076075.D | 27 Oct 2025 12:30 | YP\AJ | ReRun |
| 15 | Q3447-07 | PP076076.D | 27 Oct 2025 12:47 | YP\AJ | Ok,M |
| 16 | Q3446-05 | PP076077.D | 27 Oct 2025 13:03 | YP\AJ | Dilution |
| 17 | AR1660CCC500 | PP076078.D | 27 Oct 2025 14:08 | YP\AJ | Ok |
| 18 | AR1242CCC500 | PP076079.D | 27 Oct 2025 14:24 | YP\AJ | Ok,M |
| 19 | AR1248CCC500 | PP076080.D | 27 Oct 2025 14:40 | YP\AJ | Ok,M |
| 20 | AR1254CCC500 | PP076081.D | 27 Oct 2025 14:57 | YP\AJ | Ok,M |
| 21 | I.BLK | PP076082.D | 27 Oct 2025 15:13 | YP\AJ | Ok |

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/27/2025 10:53:48 AM | | |
| Supervise By | mohammad | Supervise On | 10/29/2025 5:27:46 AM | | |
| SubDirectory | PP102725 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q3456-01 | PP076083.D | 27 Oct 2025 15:29 | YP\AJ | Ok,M |
| 23 | Q3457-01 | PP076084.D | 27 Oct 2025 15:45 | YP\AJ | Ok,M |
| 24 | Q3460-01 | PP076085.D | 27 Oct 2025 16:02 | YP\AJ | Ok |
| 25 | Q3460-17 | PP076086.D | 27 Oct 2025 16:18 | YP\AJ | Ok,M |
| 26 | Q3447-05 | PP076087.D | 27 Oct 2025 16:34 | YP\AJ | Ok,M |
| 27 | Q3447-01 | PP076088.D | 27 Oct 2025 16:50 | YP\AJ | ReRun |
| 28 | Q3459-01 | PP076089.D | 27 Oct 2025 17:07 | YP\AJ | Ok,M |
| 29 | Q3459-02 | PP076090.D | 27 Oct 2025 17:23 | YP\AJ | Ok,M |
| 30 | Q3459-03 | PP076091.D | 27 Oct 2025 17:39 | YP\AJ | Ok,M |
| 31 | Q3459-04 | PP076092.D | 27 Oct 2025 17:55 | YP\AJ | Ok |
| 32 | AR1660CCC500 | PP076093.D | 27 Oct 2025 19:00 | YP\AJ | Ok |
| 33 | AR1242CCC500 | PP076094.D | 27 Oct 2025 19:49 | YP\AJ | Ok,M |
| 34 | AR1248CCC500 | PP076095.D | 27 Oct 2025 20:05 | YP\AJ | Ok,M |
| 35 | AR1254CCC500 | PP076096.D | 27 Oct 2025 20:21 | YP\AJ | Ok,M |
| 36 | I.BLK | PP076097.D | 27 Oct 2025 20:38 | YP\AJ | Ok |
| 37 | PB170272BL | PP076098.D | 27 Oct 2025 20:54 | YP\AJ | Ok |
| 38 | PB170272BS | PP076099.D | 27 Oct 2025 21:10 | YP\AJ | Ok,M |
| 39 | Q3459-05 | PP076100.D | 27 Oct 2025 21:26 | YP\AJ | Ok,M |
| 40 | Q3459-06 | PP076101.D | 27 Oct 2025 21:42 | YP\AJ | Ok,M |
| 41 | Q3459-07 | PP076102.D | 27 Oct 2025 21:59 | YP\AJ | Ok,M |
| 42 | Q3459-08 | PP076103.D | 27 Oct 2025 22:15 | YP\AJ | Ok,M |
| 43 | AR1660CCC500 | PP076104.D | 27 Oct 2025 23:20 | YP\AJ | Ok |
| 44 | AR1242CCC500 | PP076105.D | 28 Oct 2025 00:08 | YP\AJ | Ok,M |

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/27/2025 10:53:48 AM | | |
| Supervise By | mohammad | Supervise On | 10/29/2025 5:27:46 AM | | |
| SubDirectory | PP102725 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 45 | AR1248CCC500 | PP076106.D | 28 Oct 2025 00:25 | YP\AJ | Ok,M |
| 46 | AR1254CCC500 | PP076107.D | 28 Oct 2025 00:41 | YP\AJ | Ok |
| 47 | I.BLK | PP076108.D | 28 Oct 2025 00:57 | YP\AJ | Ok |

M : Manual Integration

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102825

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/28/2025 10:20:32 AM | | |
| Supervise By | | Supervise On | | | |
| SubDirectory | PP102825 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | HEXANE | PP076109.D | 28 Oct 2025 09:06 | YP\AJ | Ok |
| 2 | AR1660CCC500 | PP076110.D | 28 Oct 2025 09:22 | YP\AJ | Ok |
| 3 | AR1242CCC500 | PP076111.D | 28 Oct 2025 09:43 | YP\AJ | Ok,NS |
| 4 | AR1248CCC500 | PP076112.D | 28 Oct 2025 10:00 | YP\AJ | Ok,NS |
| 5 | AR1254CCC500 | PP076113.D | 28 Oct 2025 10:16 | YP\AJ | Ok,NS |
| 6 | AR1268CCC500 | PP076114.D | 28 Oct 2025 10:32 | YP\AJ | Ok |
| 7 | I.BLK | PP076115.D | 28 Oct 2025 10:48 | YP\AJ | Ok |
| 8 | Q3439-01 | PP076116.D | 28 Oct 2025 11:05 | YP\AJ | Ok |
| 9 | Q3460-05 | PP076117.D | 28 Oct 2025 11:21 | YP\AJ | Ok |
| 10 | Q3460-09 | PP076118.D | 28 Oct 2025 11:37 | YP\AJ | Ok |
| 11 | Q3447-03RE | PP076119.D | 28 Oct 2025 11:53 | YP\AJ | Confirms |
| 12 | Q3447-01RE | PP076120.D | 28 Oct 2025 12:09 | YP\AJ | Confirms |
| 13 | Q3472-10 | PP076121.D | 28 Oct 2025 12:26 | YP\AJ | Ok,NS |
| 14 | Q3472-12 | PP076122.D | 28 Oct 2025 12:42 | YP\AJ | Ok,NS |
| 15 | Q3472-14 | PP076123.D | 28 Oct 2025 12:58 | YP\AJ | Ok,NS |
| 16 | Q3472-16 | PP076124.D | 28 Oct 2025 13:14 | YP\AJ | Ok,NS |
| 17 | Q3472-18 | PP076125.D | 28 Oct 2025 13:30 | YP\AJ | Ok,NS |
| 18 | AR1660CCC500 | PP076126.D | 28 Oct 2025 14:35 | YP\AJ | Ok,NS |
| 19 | AR1242CCC500 | PP076127.D | 28 Oct 2025 14:52 | YP\AJ | Ok,NS |
| 20 | AR1248CCC500 | PP076128.D | 28 Oct 2025 15:08 | YP\AJ | Ok,NS |
| 21 | AR1254CCC500 | PP076129.D | 28 Oct 2025 15:24 | YP\AJ | Ok,NS |

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102825

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/28/2025 10:20:32 AM | | |
| Supervise By | | Supervise On | | | |
| SubDirectory | PP102825 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | AR1268CCC500 | PP076130.D | 28 Oct 2025 15:40 | YP\AJ | Ok |
| 23 | I.BLK | PP076131.D | 28 Oct 2025 15:57 | YP\AJ | Ok |
| 24 | PB170282BL | PP076132.D | 28 Oct 2025 16:13 | YP\AJ | Ok |
| 25 | PB170282BS | PP076133.D | 28 Oct 2025 16:29 | YP\AJ | Not Ok |
| 26 | Q3465-01 | PP076134.D | 28 Oct 2025 16:45 | YP\AJ | Ok |
| 27 | Q3466-02 | PP076135.D | 28 Oct 2025 17:02 | YP\AJ | Ok,NS |
| 28 | Q3466-05 | PP076136.D | 28 Oct 2025 17:18 | YP\AJ | Ok |
| 29 | Q3466-07 | PP076137.D | 28 Oct 2025 17:34 | YP\AJ | Ok |
| 30 | Q3469-01 | PP076138.D | 28 Oct 2025 17:50 | YP\AJ | Ok |
| 31 | Q3472-04 | PP076139.D | 28 Oct 2025 18:06 | YP\AJ | Ok,NS |
| 32 | Q3472-06 | PP076140.D | 28 Oct 2025 18:23 | YP\AJ | Ok,NS |
| 33 | Q3472-08 | PP076141.D | 28 Oct 2025 18:39 | YP\AJ | Not Ok |
| 34 | AR1660CCC500 | PP076142.D | 28 Oct 2025 19:44 | YP\AJ | Ok |
| 35 | AR1242CCC500 | PP076143.D | 28 Oct 2025 20:32 | YP\AJ | Ok,NS |
| 36 | AR1248CCC500 | PP076144.D | 28 Oct 2025 20:49 | YP\AJ | Ok,NS |
| 37 | AR1254CCC500 | PP076145.D | 28 Oct 2025 21:05 | YP\AJ | Ok,NS |
| 38 | I.BLK | PP076146.D | 28 Oct 2025 21:21 | YP\AJ | Ok |

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**Instrument ID: ECD_Q**

## Daily Analysis Runlog For Sequence/QCBatch ID # PQ101025

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/10/2025 10:11:25 AM | | |
| Supervise By | mohammad | Supervise On | 10/14/2025 2:48:24 AM | | |
| SubDirectory | PQ101025 | HP Acquire Method | | HP Processing Method | PQ101025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | HEXANE | PQ070971.D | 10 Oct 2025 08:27 | YP\AJ | Ok |
| 2 | I.BLK | PQ070972.D | 10 Oct 2025 08:42 | YP\AJ | Ok |
| 3 | AR1660ICC1000 | PQ070973.D | 10 Oct 2025 08:57 | YP\AJ | Ok |
| 4 | AR1660ICC750 | PQ070974.D | 10 Oct 2025 09:11 | YP\AJ | Ok |
| 5 | AR1660ICC500 | PQ070975.D | 10 Oct 2025 09:26 | YP\AJ | Ok |
| 6 | AR1660ICC250 | PQ070976.D | 10 Oct 2025 09:40 | YP\AJ | Ok |
| 7 | AR1660ICC050 | PQ070977.D | 10 Oct 2025 09:55 | YP\AJ | Ok,M |
| 8 | AR1221ICC500 | PQ070978.D | 10 Oct 2025 10:09 | YP\AJ | Ok |
| 9 | AR1232ICC500 | PQ070979.D | 10 Oct 2025 10:24 | YP\AJ | Ok |
| 10 | AR1242ICC1000 | PQ070980.D | 10 Oct 2025 10:38 | YP\AJ | Ok |
| 11 | AR1242ICC750 | PQ070981.D | 10 Oct 2025 10:53 | YP\AJ | Ok |
| 12 | AR1242ICC500 | PQ070982.D | 10 Oct 2025 11:08 | YP\AJ | Ok |
| 13 | AR1242ICC250 | PQ070983.D | 10 Oct 2025 11:22 | YP\AJ | Ok |
| 14 | AR1242ICC050 | PQ070984.D | 10 Oct 2025 11:37 | YP\AJ | Ok,M |
| 15 | AR1248ICC1000 | PQ070985.D | 10 Oct 2025 11:51 | YP\AJ | Ok |
| 16 | AR1248ICC750 | PQ070986.D | 10 Oct 2025 12:06 | YP\AJ | Ok |
| 17 | AR1248ICC500 | PQ070987.D | 10 Oct 2025 12:20 | YP\AJ | Ok |
| 18 | AR1248ICC250 | PQ070988.D | 10 Oct 2025 12:35 | YP\AJ | Ok,M |
| 19 | AR1248ICC050 | PQ070989.D | 10 Oct 2025 12:50 | YP\AJ | Ok |
| 20 | AR1254ICC1000 | PQ070990.D | 10 Oct 2025 13:04 | YP\AJ | Ok |
| 21 | AR1254ICC750 | PQ070991.D | 10 Oct 2025 13:19 | YP\AJ | Ok |

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**Instrument ID: ECD_Q**

## Daily Analysis Runlog For Sequence/QCBatch ID # PQ101025

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/10/2025 10:11:25 AM | | |
| Supervise By | mohammad | Supervise On | 10/14/2025 2:48:24 AM | | |
| SubDirectory | PQ101025 | HP Acquire Method | | HP Processing Method | PQ101025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | AR1254ICC500 | PQ070992.D | 10 Oct 2025 13:33 | YP\AJ | Ok |
| 23 | AR1254ICC250 | PQ070993.D | 10 Oct 2025 13:48 | YP\AJ | Ok |
| 24 | AR1254ICC050 | PQ070994.D | 10 Oct 2025 15:15 | YP\AJ | Ok |
| 25 | AR1262ICC500 | PQ070995.D | 10 Oct 2025 15:30 | YP\AJ | Ok |
| 26 | AR1268ICC1000 | PQ070996.D | 10 Oct 2025 15:44 | YP\AJ | Ok |
| 27 | AR1268ICC750 | PQ070997.D | 10 Oct 2025 15:59 | YP\AJ | Ok |
| 28 | AR1268ICC500 | PQ070998.D | 10 Oct 2025 16:13 | YP\AJ | Ok |
| 29 | AR1268ICC250 | PQ070999.D | 10 Oct 2025 16:28 | YP\AJ | Ok |
| 30 | AR1268ICC050 | PQ071000.D | 10 Oct 2025 16:43 | YP\AJ | Ok |
| 31 | PQ101025ICV | PQ071001.D | 10 Oct 2025 16:57 | YP\AJ | Ok,M |
| 32 | AR1242ICV500 | PQ071002.D | 10 Oct 2025 17:41 | YP\AJ | Ok,M |
| 33 | AR1248ICV500 | PQ071003.D | 10 Oct 2025 18:25 | YP\AJ | Ok,M |
| 34 | AR1254ICV500 | PQ071004.D | 10 Oct 2025 19:08 | YP\AJ | Ok |
| 35 | AR1268ICV500 | PQ071005.D | 10 Oct 2025 19:52 | YP\AJ | Ok |
| 36 | DDT ANALOG | PQ071006.D | 10 Oct 2025 20:36 | YP\AJ | Ok |

M : Manual Integration

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**Instrument ID: ECD_Q**

## Daily Analysis Runlog For Sequence/QCBatch ID # PQ102725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/27/2025 10:54:57 AM | | |
| Supervise By | mohammad | Supervise On | 10/29/2025 5:27:51 AM | | |
| SubDirectory | PQ102725 | HP Acquire Method | | HP Processing Method | PQ101025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP2484 4,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | HEXANE | PQ071148.D | 27 Oct 2025 08:42 | YP\AJ | Ok |
| 2 | AR1660CCC500 | PQ071149.D | 27 Oct 2025 08:57 | YP\AJ | Ok |
| 3 | I.BLK | PQ071150.D | 27 Oct 2025 09:11 | YP\AJ | Ok |
| 4 | Q3450-01 | PQ071151.D | 27 Oct 2025 09:26 | YP\AJ | Ok |
| 5 | Q3450-02 | PQ071152.D | 27 Oct 2025 09:41 | YP\AJ | Ok |
| 6 | Q3450-02MS | PQ071153.D | 27 Oct 2025 09:55 | YP\AJ | Ok,M |
| 7 | Q3450-02MSD | PQ071154.D | 27 Oct 2025 10:10 | YP\AJ | Ok,M |
| 8 | Q3450-08 | PQ071155.D | 27 Oct 2025 10:24 | YP\AJ | Ok |
| 9 | Q3450-09 | PQ071156.D | 27 Oct 2025 10:39 | YP\AJ | Ok,M |
| 10 | Q3437-16 | PQ071157.D | 27 Oct 2025 10:54 | YP\AJ | Ok |
| 11 | Q3419-01 | PQ071158.D | 27 Oct 2025 11:08 | YP\AJ | Ok,M |
| 12 | Q3419-02MS | PQ071159.D | 27 Oct 2025 11:23 | YP\AJ | Ok |
| 13 | Q3419-03MSD | PQ071160.D | 27 Oct 2025 11:37 | YP\AJ | Ok |
| 14 | AR1660CCC500 | PQ071161.D | 27 Oct 2025 12:35 | YP\AJ | Ok |
| 15 | AR1242CCC500 | PQ071162.D | 27 Oct 2025 13:34 | YP\AJ | Ok |
| 16 | AR1248CCC500 | PQ071163.D | 27 Oct 2025 13:49 | YP\AJ | Ok |
| 17 | AR1254CCC500 | PQ071164.D | 27 Oct 2025 14:03 | YP\AJ | Ok |
| 18 | I.BLK | PQ071165.D | 27 Oct 2025 14:18 | YP\AJ | Ok |
| 19 | PB170255BL | PQ071166.D | 27 Oct 2025 14:32 | YP\AJ | Not Ok |
| 20 | PB170255BS | PQ071167.D | 27 Oct 2025 14:47 | YP\AJ | Not Ok |
| 21 | Q3451-01 | PQ071168.D | 27 Oct 2025 15:01 | YP\AJ | Ok |

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**Instrument ID: ECD_Q**

## Daily Analysis Runlog For Sequence/QCBatch ID # PQ102725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/27/2025 10:54:57 AM | | |
| Supervise By | mohammad | Supervise On | 10/29/2025 5:27:51 AM | | |
| SubDirectory | PQ102725 | HP Acquire Method | | HP Processing Method | PQ101025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | |
|---|---|---|---|---|---|
| 22 | Q3451-05 | PQ071169.D | 27 Oct 2025 15:16 | YP\AJ | Ok |
| 23 | Q3451-05MS | PQ071170.D | 27 Oct 2025 15:31 | YP\AJ | Ok |
| 24 | Q3451-05MSD | PQ071171.D | 27 Oct 2025 15:45 | YP\AJ | Ok |
| 25 | Q3452-01 | PQ071172.D | 27 Oct 2025 16:00 | YP\AJ | Ok |
| 26 | Q3460-05 | PQ071173.D | 27 Oct 2025 16:14 | YP\AJ | ReRun |
| 27 | Q3460-09 | PQ071174.D | 27 Oct 2025 16:29 | YP\AJ | ReRun |
| 28 | Q3460-13 | PQ071175.D | 27 Oct 2025 16:43 | YP\AJ | Ok,M |
| 29 | AR1660CCC500 | PQ071176.D | 27 Oct 2025 17:42 | YP\AJ | Ok,M |
| 30 | AR1242CCC500 | PQ071177.D | 27 Oct 2025 18:40 | YP\AJ | Ok |
| 31 | AR1248CCC500 | PQ071178.D | 27 Oct 2025 18:55 | YP\AJ | Ok |
| 32 | AR1254CCC500 | PQ071179.D | 27 Oct 2025 19:09 | YP\AJ | Ok,M |
| 33 | I.BLK | PQ071180.D | 27 Oct 2025 19:24 | YP\AJ | Ok |

M : Manual Integration

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**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/21/2025 12:01:15 PM | | |
| Supervise By | mohammad | Supervise On | 10/25/2025 7:28:37 AM | | |
| SubDirectory | PP102125 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | HEXANE | HEXANE | PP075886.D | 21 Oct 2025 08:33 | | YP\AJ | Ok |
| 2 | I.BLK | I.BLK | PP075887.D | 21 Oct 2025 08:49 | | YP\AJ | Ok,M |
| 3 | AR1660ICC1000 | AR1660ICC1000 | PP075888.D | 21 Oct 2025 09:06 | | YP\AJ | Ok |
| 4 | AR1660ICC750 | AR1660ICC750 | PP075889.D | 21 Oct 2025 09:22 | | YP\AJ | Ok |
| 5 | AR1660ICC500 | AR1660ICC500 | PP075890.D | 21 Oct 2025 09:38 | | YP\AJ | Ok |
| 6 | AR1660ICC250 | AR1660ICC250 | PP075891.D | 21 Oct 2025 09:54 | | YP\AJ | Ok |
| 7 | AR1660ICC050 | AR1660ICC050 | PP075892.D | 21 Oct 2025 10:11 | | YP\AJ | Ok,M |
| 8 | AR1221ICC500 | AR1221ICC500 | PP075893.D | 21 Oct 2025 10:27 | | YP\AJ | Ok |
| 9 | AR1232ICC500 | AR1232ICC500 | PP075894.D | 21 Oct 2025 10:43 | | YP\AJ | Ok,M |
| 10 | AR1242ICC1000 | AR1242ICC1000 | PP075895.D | 21 Oct 2025 10:59 | | YP\AJ | Ok,M |
| 11 | AR1242ICC750 | AR1242ICC750 | PP075896.D | 21 Oct 2025 11:16 | | YP\AJ | Ok,M |
| 12 | AR1242ICC500 | AR1242ICC500 | PP075897.D | 21 Oct 2025 11:48 | | YP\AJ | Ok,M |
| 13 | AR1242ICC250 | AR1242ICC250 | PP075898.D | 21 Oct 2025 12:04 | | YP\AJ | Ok,M |
| 14 | AR1242ICC050 | AR1242ICC050 | PP075899.D | 21 Oct 2025 12:21 | | YP\AJ | Ok,M |
| 15 | AR1248ICC1000 | AR1248ICC1000 | PP075900.D | 21 Oct 2025 12:41 | | YP\AJ | Ok,M |
| 16 | AR1248ICC750 | AR1248ICC750 | PP075901.D | 21 Oct 2025 12:57 | | YP\AJ | Ok,M |
| 17 | AR1248ICC500 | AR1248ICC500 | PP075902.D | 21 Oct 2025 13:13 | | YP\AJ | Ok,M |
| 18 | AR1248ICC250 | AR1248ICC250 | PP075903.D | 21 Oct 2025 13:30 | | YP\AJ | Ok,M |

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**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/21/2025 12:01:15 PM | | |
| Supervise By | mohammad | Supervise On | 10/25/2025 7:28:37 AM | | |
| SubDirectory | PP102125 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | AR1248ICC050 | AR1248ICC050 | PP075904.D | 21 Oct 2025 13:46 | | YP\AJ | Ok,M |
| 20 | AR1254ICC1000 | AR1254ICC1000 | PP075905.D | 21 Oct 2025 14:02 | | YP\AJ | Ok,M |
| 21 | AR1254ICC750 | AR1254ICC750 | PP075906.D | 21 Oct 2025 14:18 | | YP\AJ | Ok,M |
| 22 | AR1254ICC500 | AR1254ICC500 | PP075907.D | 21 Oct 2025 14:35 | | YP\AJ | Ok,M |
| 23 | AR1254ICC250 | AR1254ICC250 | PP075908.D | 21 Oct 2025 14:51 | | YP\AJ | Ok,M |
| 24 | AR1254ICC050 | AR1254ICC050 | PP075909.D | 21 Oct 2025 15:07 | | YP\AJ | Ok,M |
| 25 | AR1262ICC500 | AR1262ICC500 | PP075910.D | 21 Oct 2025 15:40 | | YP\AJ | Ok |
| 26 | AR1268ICC1000 | AR1268ICC1000 | PP075911.D | 21 Oct 2025 15:56 | | YP\AJ | Ok |
| 27 | AR1268ICC750 | AR1268ICC750 | PP075912.D | 21 Oct 2025 16:12 | | YP\AJ | Ok |
| 28 | AR1268ICC500 | AR1268ICC500 | PP075913.D | 21 Oct 2025 16:29 | | YP\AJ | Ok |
| 29 | AR1268ICC250 | AR1268ICC250 | PP075914.D | 21 Oct 2025 16:45 | | YP\AJ | Ok |
| 30 | AR1268ICC050 | AR1268ICC050 | PP075915.D | 21 Oct 2025 17:01 | | YP\AJ | Ok |
| 31 | PP102125ICV500 | ICVPP102125 | PP075916.D | 21 Oct 2025 17:34 | | YP\AJ | Ok |
| 32 | AR1242ICV500 | ICVPP102125AR1242 | PP075917.D | 21 Oct 2025 18:06 | | YP\AJ | Ok,M |
| 33 | AR1248ICV500 | ICVPP102125AR1248 | PP075918.D | 21 Oct 2025 18:39 | | YP\AJ | Ok,M |
| 34 | AR1254ICV500 | ICVPP102125AR1254 | PP075919.D | 22 Oct 2025 08:49 | | YP\AJ | Ok,M |
| 35 | AR1268ICV500 | ICVPP102125AR1268 | PP075920.D | 22 Oct 2025 09:07 | | YP\AJ | Ok |
| 36 | DDT ANALOG | DDT ANALOG | PP075921.D | 22 Oct 2025 09:25 | | YP\AJ | Ok |

M : Manual Integration

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Fax : 908 789 8922

**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/27/2025 10:53:48 AM | | |
| Supervise By | mohammad | Supervise On | 10/29/2025 5:27:46 AM | | |
| SubDirectory | PP102725 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | HEXANE | HEXANE | PP076062.D | 27 Oct 2025 08:40 | | YP\AJ | Ok |
| 2 | AR1660CCC500 | AR1660CCC500 | PP076063.D | 27 Oct 2025 08:56 | | YP\AJ | Ok,M |
| 3 | AR1242CCC500 | AR1242CCC500 | PP076064.D | 27 Oct 2025 09:13 | | YP\AJ | Ok,M |
| 4 | AR1248CCC500 | AR1248CCC500 | PP076065.D | 27 Oct 2025 09:29 | | YP\AJ | Ok,M |
| 5 | AR1254CCC500 | AR1254CCC500 | PP076066.D | 27 Oct 2025 09:45 | | YP\AJ | Ok,M |
| 6 | I.BLK | I.BLK | PP076067.D | 27 Oct 2025 10:02 | | YP\AJ | Ok |
| 7 | PB170236BL | PB170236BL | PP076068.D | 27 Oct 2025 10:18 | | YP\AJ | Ok,M |
| 8 | PB170236BS | PB170236BS | PP076069.D | 27 Oct 2025 10:34 | | YP\AJ | Ok,M |
| 9 | Q3439-01 | TP-9 | PP076070.D | 27 Oct 2025 11:06 | DCB,TCX high 1st column | YP\AJ | ReRun |
| 10 | Q3449-01 | CF-620-COMP-41 | PP076071.D | 27 Oct 2025 11:26 | | YP\AJ | Ok |
| 11 | Q3450-20DL | SS-21-(0.0-0.5)DL | PP076072.D | 27 Oct 2025 11:42 | AR1254 Hit | YP\AJ | Ok,M |
| 12 | Q3450-22DL | SS-21-(3.5-4.0)DL | PP076073.D | 27 Oct 2025 11:58 | AR1254 Hit | YP\AJ | Ok,M |
| 13 | Q3446-05 | SB-18 | PP076074.D | 27 Oct 2025 12:14 | AR1242 Hit, Need Dilution, f flag | YP\AJ | Not Ok |
| 14 | Q3447-03 | P001-TW2-251023-01 | PP076075.D | 27 Oct 2025 12:30 | F Flag in TCMX in 2nd column , TCMX high in both column , AR1254+1260 Hit | YP\AJ | ReRun |
| 15 | Q3447-07 | P001-TW4-251023-01 | PP076076.D | 27 Oct 2025 12:47 | TCMX high in 2nd column | YP\AJ | Ok,M |
| 16 | Q3446-05 | SB-18 | PP076077.D | 27 Oct 2025 13:03 | TCMX high in 2nd column , AR1242 hit , need 100x dilution | YP\AJ | Dilution |
| 17 | AR1660CCC500 | AR1660CCC500 | PP076078.D | 27 Oct 2025 14:08 | | YP\AJ | Ok |

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**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/27/2025 10:53:48 AM | | |
| Supervise By | mohammad | Supervise On | 10/29/2025 5:27:46 AM | | |
| SubDirectory | PP102725 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18 | AR1242CCC500 | AR1242CCC500 | PP076079.D | 27 Oct 2025 14:24 | | YP\AJ | Ok,M |
| 19 | AR1248CCC500 | AR1248CCC500 | PP076080.D | 27 Oct 2025 14:40 | | YP\AJ | Ok,M |
| 20 | AR1254CCC500 | AR1254CCC500 | PP076081.D | 27 Oct 2025 14:57 | | YP\AJ | Ok,M |
| 21 | I.BLK | I.BLK | PP076082.D | 27 Oct 2025 15:13 | | YP\AJ | Ok |
| 22 | Q3456-01 | OILY-DEBRIS | PP076083.D | 27 Oct 2025 15:29 | | YP\AJ | Ok,M |
| 23 | Q3457-01 | TR-05-102425 | PP076084.D | 27 Oct 2025 15:45 | | YP\AJ | Ok,M |
| 24 | Q3460-01 | WC-1 | PP076085.D | 27 Oct 2025 16:02 | | YP\AJ | Ok |
| 25 | Q3460-17 | WC-5 | PP076086.D | 27 Oct 2025 16:18 | | YP\AJ | Ok,M |
| 26 | Q3447-05 | P001-TW3-251023-01 | PP076087.D | 27 Oct 2025 16:34 | TCMX high in 2nd column | YP\AJ | Ok,M |
| 27 | Q3447-01 | P001-TW1-251023-01 | PP076088.D | 27 Oct 2025 16:50 | F Flag in TCMX in 2nd column , TCMX high in both column | YP\AJ | ReRun |
| 28 | Q3459-01 | Y2404-0071-END-1-1 | PP076089.D | 27 Oct 2025 17:07 | AR1254 Hit | YP\AJ | Ok,M |
| 29 | Q3459-02 | Y2404-0071-END-1-2 | PP076090.D | 27 Oct 2025 17:23 | | YP\AJ | Ok,M |
| 30 | Q3459-03 | Y2404-0071-END-2-1 | PP076091.D | 27 Oct 2025 17:39 | AR1254 Hit | YP\AJ | Ok,M |
| 31 | Q3459-04 | Y2404-0071-END-2-2 | PP076092.D | 27 Oct 2025 17:55 | | YP\AJ | Ok |
| 32 | AR1660CCC500 | AR1660CCC500 | PP076093.D | 27 Oct 2025 19:00 | | YP\AJ | Ok |
| 33 | AR1242CCC500 | AR1242CCC500 | PP076094.D | 27 Oct 2025 19:49 | | YP\AJ | Ok,M |
| 34 | AR1248CCC500 | AR1248CCC500 | PP076095.D | 27 Oct 2025 20:05 | | YP\AJ | Ok,M |
| 35 | AR1254CCC500 | AR1254CCC500 | PP076096.D | 27 Oct 2025 20:21 | | YP\AJ | Ok,M |
| 36 | I.BLK | I.BLK | PP076097.D | 27 Oct 2025 20:38 | | YP\AJ | Ok |

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Fax : 908 789 8922

**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/27/2025 10:53:48 AM | | |
| Supervise By | mohammad | Supervise On | 10/29/2025 5:27:46 AM | | |
| SubDirectory | PP102725 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 37 | PB170272BL | PB170272BL | PP076098.D | 27 Oct 2025 20:54 | | YP\AJ | Ok |
| 38 | PB170272BS | PB170272BS | PP076099.D | 27 Oct 2025 21:10 | | YP\AJ | Ok,M |
| 39 | Q3459-05 | BC259240LOK-END-1- | PP076100.D | 27 Oct 2025 21:26 | | YP\AJ | Ok,M |
| 40 | Q3459-06 | BC259240LOK-END-1- | PP076101.D | 27 Oct 2025 21:42 | | YP\AJ | Ok,M |
| 41 | Q3459-07 | BC271327-END-1-1 | PP076102.D | 27 Oct 2025 21:59 | | YP\AJ | Ok,M |
| 42 | Q3459-08 | BC271327-END-1-2 | PP076103.D | 27 Oct 2025 22:15 | | YP\AJ | Ok,M |
| 43 | AR1660CCC500 | AR1660CCC500 | PP076104.D | 27 Oct 2025 23:20 | | YP\AJ | Ok |
| 44 | AR1242CCC500 | AR1242CCC500 | PP076105.D | 28 Oct 2025 00:08 | | YP\AJ | Ok,M |
| 45 | AR1248CCC500 | AR1248CCC500 | PP076106.D | 28 Oct 2025 00:25 | | YP\AJ | Ok,M |
| 46 | AR1254CCC500 | AR1254CCC500 | PP076107.D | 28 Oct 2025 00:41 | | YP\AJ | Ok |
| 47 | I.BLK | I.BLK | PP076108.D | 28 Oct 2025 00:57 | | YP\AJ | Ok |

M : Manual Integration

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Fax : 908 789 8922

**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102825

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/28/2025 10:20:32 AM | | |
| Supervise By | | Supervise On | | | |
| SubDirectory | PP102825 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | HEXANE | HEXANE | PP076109.D | 28 Oct 2025 09:06 | | YP\AJ | Ok |
| 2 | AR1660CCC500 | AR1660CCC500 | PP076110.D | 28 Oct 2025 09:22 | | YP\AJ | Ok |
| 3 | AR1242CCC500 | AR1242CCC500 | PP076111.D | 28 Oct 2025 09:43 | AR1260-04 high in second column | YP\AJ | Ok,NS |
| 4 | AR1248CCC500 | AR1248CCC500 | PP076112.D | 28 Oct 2025 10:00 | | YP\AJ | Ok,NS |
| 5 | AR1254CCC500 | AR1254CCC500 | PP076113.D | 28 Oct 2025 10:16 | TCMX high in sec column | YP\AJ | Ok,NS |
| 6 | AR1268CCC500 | AR1268CCC500 | PP076114.D | 28 Oct 2025 10:32 | | YP\AJ | Ok |
| 7 | I.BLK | I.BLK | PP076115.D | 28 Oct 2025 10:48 | | YP\AJ | Ok |
| 8 | Q3439-01 | TP-9 | PP076116.D | 28 Oct 2025 11:05 | | YP\AJ | Ok |
| 9 | Q3460-05 | WC-2 | PP076117.D | 28 Oct 2025 11:21 | | YP\AJ | Ok |
| 10 | Q3460-09 | WC-3 | PP076118.D | 28 Oct 2025 11:37 | | YP\AJ | Ok |
| 11 | Q3447-03RE | P001-TW2-251023-01 | PP076119.D | 28 Oct 2025 11:53 | F Flag in TCMX in 2nd column , TCMX high in both column , AR1254+1260 Hit | YP\AJ | Confirms |
| 12 | Q3447-01RE | P001-TW1-251023-01 | PP076120.D | 28 Oct 2025 12:09 | F Flag in TCMX in 2nd column ,DCB high 1st column, TCMX high in both column | YP\AJ | Confirms |
| 13 | Q3472-10 | COMP-4 | PP076121.D | 28 Oct 2025 12:26 | TCMX low in 2nd column | YP\AJ | Ok,NS |
| 14 | Q3472-12 | COMP-5 | PP076122.D | 28 Oct 2025 12:42 | | YP\AJ | Ok,NS |
| 15 | Q3472-14 | 155 | PP076123.D | 28 Oct 2025 12:58 | DCB low 2nd column | YP\AJ | Ok,NS |
| 16 | Q3472-16 | 142 | PP076124.D | 28 Oct 2025 13:14 | | YP\AJ | Ok,NS |

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**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102825

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/28/2025 10:20:32 AM | | |
| Supervise By | | Supervise On | | | |
| SubDirectory | PP102825 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | Q3472-18 | 137 | PP076125.D | 28 Oct 2025 13:30 | TCX, high 2nd column | YP\AJ | Ok,NS |
| 18 | AR1660CCC500 | AR1660CCC500 | PP076126.D | 28 Oct 2025 14:35 | | YP\AJ | Ok,NS |
| 19 | AR1242CCC500 | AR1242CCC500 | PP076127.D | 28 Oct 2025 14:52 | | YP\AJ | Ok,NS |
| 20 | AR1248CCC500 | AR1248CCC500 | PP076128.D | 28 Oct 2025 15:08 | | YP\AJ | Ok,NS |
| 21 | AR1254CCC500 | AR1254CCC500 | PP076129.D | 28 Oct 2025 15:24 | | YP\AJ | Ok,NS |
| 22 | AR1268CCC500 | AR1268CCC500 | PP076130.D | 28 Oct 2025 15:40 | | YP\AJ | Ok |
| 23 | I.BLK | I.BLK | PP076131.D | 28 Oct 2025 15:57 | | YP\AJ | Ok |
| 24 | PB170282BL | PB170282BL | PP076132.D | 28 Oct 2025 16:13 | | YP\AJ | Ok |
| 25 | PB170282BS | PB170282BS | PP076133.D | 28 Oct 2025 16:29 | AR1016 recovery fail | YP\AJ | Not Ok |
| 26 | Q3465-01 | SU-03-10242025 | PP076134.D | 28 Oct 2025 16:45 | AR1254 Hit | YP\AJ | Ok |
| 27 | Q3466-02 | B8-0.0-1.0-20251023 | PP076135.D | 28 Oct 2025 17:02 | AR1254 Hit | YP\AJ | Ok,NS |
| 28 | Q3466-05 | B9-0.0-1.0-20251023 | PP076136.D | 28 Oct 2025 17:18 | | YP\AJ | Ok |
| 29 | Q3466-07 | B7-1.0-2.0-20251023 | PP076137.D | 28 Oct 2025 17:34 | | YP\AJ | Ok |
| 30 | Q3469-01 | TP-13 | PP076138.D | 28 Oct 2025 17:50 | | YP\AJ | Ok |
| 31 | Q3472-04 | COMP-1 | PP076139.D | 28 Oct 2025 18:06 | | YP\AJ | Ok,NS |
| 32 | Q3472-06 | COMP-2 | PP076140.D | 28 Oct 2025 18:23 | TCMX high in 2nd column | YP\AJ | Ok,NS |
| 33 | Q3472-08 | COMP-3 | PP076141.D | 28 Oct 2025 18:39 | F Flag in TCMX in 2nd column , TCMX high in both column | YP\AJ | Not Ok |
| 34 | AR1660CCC500 | AR1660CCC500 | PP076142.D | 28 Oct 2025 19:44 | | YP\AJ | Ok |
| 35 | AR1242CCC500 | AR1242CCC500 | PP076143.D | 28 Oct 2025 20:32 | | YP\AJ | Ok,NS |

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Fax : 908 789 8922

**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP102825

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/28/2025 10:20:32 AM | | |
| Supervise By | | Supervise On | | | |
| SubDirectory | PP102825 | HP Acquire Method | | HP Processing Method | PP102125 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 36 | AR1248CCC500 | AR1248CCC500 | PP076144.D | 28 Oct 2025 20:49 | | YP\AJ | Ok,NS |
| 37 | AR1254CCC500 | AR1254CCC500 | PP076145.D | 28 Oct 2025 21:05 | | YP\AJ | Ok,NS |
| 38 | I.BLK | I.BLK | PP076146.D | 28 Oct 2025 21:21 | | YP\AJ | Ok |

M : Manual Integration

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Fax : 908 789 8922

**Instrument ID:** ECD_Q

## Daily Analysis Runlog For Sequence/QCBatch ID # PQ101025

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/10/2025 10:11:25 AM | | |
| Supervise By | mohammad | Supervise On | 10/14/2025 2:48:24 AM | | |
| SubDirectory | PQ101025 | HP Acquire Method | | HP Processing Method | PQ101025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | HEXANE | HEXANE | PQ070971.D | 10 Oct 2025 08:27 | | YP\AJ | Ok |
| 2 | I.BLK | I.BLK | PQ070972.D | 10 Oct 2025 08:42 | | YP\AJ | Ok |
| 3 | AR1660ICC1000 | AR1660ICC1000 | PQ070973.D | 10 Oct 2025 08:57 | | YP\AJ | Ok |
| 4 | AR1660ICC750 | AR1660ICC750 | PQ070974.D | 10 Oct 2025 09:11 | | YP\AJ | Ok |
| 5 | AR1660ICC500 | AR1660ICC500 | PQ070975.D | 10 Oct 2025 09:26 | | YP\AJ | Ok |
| 6 | AR1660ICC250 | AR1660ICC250 | PQ070976.D | 10 Oct 2025 09:40 | | YP\AJ | Ok |
| 7 | AR1660ICC050 | AR1660ICC050 | PQ070977.D | 10 Oct 2025 09:55 | | YP\AJ | Ok,M |
| 8 | AR1221ICC500 | AR1221ICC500 | PQ070978.D | 10 Oct 2025 10:09 | | YP\AJ | Ok |
| 9 | AR1232ICC500 | AR1232ICC500 | PQ070979.D | 10 Oct 2025 10:24 | | YP\AJ | Ok |
| 10 | AR1242ICC1000 | AR1242ICC1000 | PQ070980.D | 10 Oct 2025 10:38 | | YP\AJ | Ok |
| 11 | AR1242ICC750 | AR1242ICC750 | PQ070981.D | 10 Oct 2025 10:53 | | YP\AJ | Ok |
| 12 | AR1242ICC500 | AR1242ICC500 | PQ070982.D | 10 Oct 2025 11:08 | | YP\AJ | Ok |
| 13 | AR1242ICC250 | AR1242ICC250 | PQ070983.D | 10 Oct 2025 11:22 | | YP\AJ | Ok |
| 14 | AR1242ICC050 | AR1242ICC050 | PQ070984.D | 10 Oct 2025 11:37 | | YP\AJ | Ok,M |
| 15 | AR1248ICC1000 | AR1248ICC1000 | PQ070985.D | 10 Oct 2025 11:51 | | YP\AJ | Ok |
| 16 | AR1248ICC750 | AR1248ICC750 | PQ070986.D | 10 Oct 2025 12:06 | | YP\AJ | Ok |
| 17 | AR1248ICC500 | AR1248ICC500 | PQ070987.D | 10 Oct 2025 12:20 | | YP\AJ | Ok |
| 18 | AR1248ICC250 | AR1248ICC250 | PQ070988.D | 10 Oct 2025 12:35 | | YP\AJ | Ok,M |

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**Instrument ID:** ECD_Q

## Daily Analysis Runlog For Sequence/QCBatch ID # PQ101025

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/10/2025 10:11:25 AM | | |
| Supervise By | mohammad | Supervise On | 10/14/2025 2:48:24 AM | | |
| SubDirectory | PQ101025 | HP Acquire Method | | HP Processing Method | PQ101025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | AR1248ICC050 | AR1248ICC050 | PQ070989.D | 10 Oct 2025 12:50 | | YP\AJ | Ok |
| 20 | AR1254ICC1000 | AR1254ICC1000 | PQ070990.D | 10 Oct 2025 13:04 | | YP\AJ | Ok |
| 21 | AR1254ICC750 | AR1254ICC750 | PQ070991.D | 10 Oct 2025 13:19 | | YP\AJ | Ok |
| 22 | AR1254ICC500 | AR1254ICC500 | PQ070992.D | 10 Oct 2025 13:33 | | YP\AJ | Ok |
| 23 | AR1254ICC250 | AR1254ICC250 | PQ070993.D | 10 Oct 2025 13:48 | | YP\AJ | Ok |
| 24 | AR1254ICC050 | AR1254ICC050 | PQ070994.D | 10 Oct 2025 15:15 | | YP\AJ | Ok |
| 25 | AR1262ICC500 | AR1262ICC500 | PQ070995.D | 10 Oct 2025 15:30 | | YP\AJ | Ok |
| 26 | AR1268ICC1000 | AR1268ICC1000 | PQ070996.D | 10 Oct 2025 15:44 | | YP\AJ | Ok |
| 27 | AR1268ICC750 | AR1268ICC750 | PQ070997.D | 10 Oct 2025 15:59 | | YP\AJ | Ok |
| 28 | AR1268ICC500 | AR1268ICC500 | PQ070998.D | 10 Oct 2025 16:13 | | YP\AJ | Ok |
| 29 | AR1268ICC250 | AR1268ICC250 | PQ070999.D | 10 Oct 2025 16:28 | | YP\AJ | Ok |
| 30 | AR1268ICC050 | AR1268ICC050 | PQ071000.D | 10 Oct 2025 16:43 | | YP\AJ | Ok |
| 31 | PQ101025ICV | ICVPQ101025 | PQ071001.D | 10 Oct 2025 16:57 | | YP\AJ | Ok,M |
| 32 | AR1242ICV500 | ICVPQ101025AR1242 | PQ071002.D | 10 Oct 2025 17:41 | | YP\AJ | Ok,M |
| 33 | AR1248ICV500 | ICVPQ101025AR1248 | PQ071003.D | 10 Oct 2025 18:25 | | YP\AJ | Ok,M |
| 34 | AR1254ICV500 | ICVPQ101025AR1254 | PQ071004.D | 10 Oct 2025 19:08 | | YP\AJ | Ok |
| 35 | AR1268ICV500 | ICVPQ101025AR1268 | PQ071005.D | 10 Oct 2025 19:52 | | YP\AJ | Ok |
| 36 | DDT ANALOG | DDT ANALOG | PQ071006.D | 10 Oct 2025 20:36 | | YP\AJ | Ok |

M : Manual Integration

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**Instrument ID:** ECD_Q

## Daily Analysis Runlog For Sequence/QCBatch ID # PQ102725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/27/2025 10:54:57 AM | | |
| Supervise By | mohammad | Supervise On | 10/29/2025 5:27:51 AM | | |
| SubDirectory | PQ102725 | HP Acquire Method | | HP Processing Method | PQ101025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | HEXANE | HEXANE | PQ071148.D | 27 Oct 2025 08:42 | | YP\AJ | Ok |
| 2 | AR1660CCC500 | AR1660CCC500 | PQ071149.D | 27 Oct 2025 08:57 | | YP\AJ | Ok |
| 3 | I.BLK | I.BLK | PQ071150.D | 27 Oct 2025 09:11 | | YP\AJ | Ok |
| 4 | Q3450-01 | SS-5R-(2.0-2.5) | PQ071151.D | 27 Oct 2025 09:26 | AR1254 Hit | YP\AJ | Ok |
| 5 | Q3450-02 | SS-5R-(3.5-4.0) | PQ071152.D | 27 Oct 2025 09:41 | AR1254 Hit | YP\AJ | Ok |
| 6 | Q3450-02MS | SS-5R-(3.5-4.0)MS | PQ071153.D | 27 Oct 2025 09:55 | | YP\AJ | Ok,M |
| 7 | Q3450-02MSD | SS-5R-(3.5-4.0)MSD | PQ071154.D | 27 Oct 2025 10:10 | | YP\AJ | Ok,M |
| 8 | Q3450-08 | SS-20-(0.0-0.5) | PQ071155.D | 27 Oct 2025 10:24 | AR1254 Hit | YP\AJ | Ok |
| 9 | Q3450-09 | SS-20-(2.0-2.5) | PQ071156.D | 27 Oct 2025 10:39 | AR1254 Hit | YP\AJ | Ok,M |
| 10 | Q3437-16 | SS-23(0-0.5) | PQ071157.D | 27 Oct 2025 10:54 | AR1254 Hit, TCX high 1st column | YP\AJ | Ok |
| 11 | Q3419-01 | PR-132-S16-015094-20 | PQ071158.D | 27 Oct 2025 11:08 | AR1242 hits | YP\AJ | Ok,M |
| 12 | Q3419-02MS | PR-132-S16-015094-20 | PQ071159.D | 27 Oct 2025 11:23 | | YP\AJ | Ok |
| 13 | Q3419-03MSD | PR-132-S16-015094-20 | PQ071160.D | 27 Oct 2025 11:37 | | YP\AJ | Ok |
| 14 | AR1660CCC500 | AR1660CCC500 | PQ071161.D | 27 Oct 2025 12:35 | | YP\AJ | Ok |
| 15 | AR1242CCC500 | AR1242CCC500 | PQ071162.D | 27 Oct 2025 13:34 | | YP\AJ | Ok |
| 16 | AR1248CCC500 | AR1248CCC500 | PQ071163.D | 27 Oct 2025 13:49 | | YP\AJ | Ok |
| 17 | AR1254CCC500 | AR1254CCC500 | PQ071164.D | 27 Oct 2025 14:03 | | YP\AJ | Ok |

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Fax : 908 789 8922

**Instrument ID:** ECD_Q

## Daily Analysis Runlog For Sequence/QCBatch ID # PQ102725

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 10/27/2025 10:54:57 AM | | |
| Supervise By | mohammad | Supervise On | 10/29/2025 5:27:51 AM | | |
| SubDirectory | PQ102725 | HP Acquire Method | | HP Processing Method | PQ101025 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852 |
| Internal Standard/PEM | |
| ICV/I.BLK | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18 | I.BLK | I.BLK | PQ071165.D | 27 Oct 2025 14:18 | | YP\AJ | Ok |
| 19 | PB170255BL | PB170255BL | PQ071166.D | 27 Oct 2025 14:32 | DCB high 1st column for PSEG | YP\AJ | Not Ok |
| 20 | PB170255BS | PB170255BS | PQ071167.D | 27 Oct 2025 14:47 | DCB high 1st column for PSEG | YP\AJ | Not Ok |
| 21 | Q3451-01 | TP-11 | PQ071168.D | 27 Oct 2025 15:01 | Tcmx high in 1st column | YP\AJ | Ok |
| 22 | Q3451-05 | TP-12 | PQ071169.D | 27 Oct 2025 15:16 | | YP\AJ | Ok |
| 23 | Q3451-05MS | TP-12MS | PQ071170.D | 27 Oct 2025 15:31 | Tcmx high in 1st column | YP\AJ | Ok |
| 24 | Q3451-05MSD | TP-12MSD | PQ071171.D | 27 Oct 2025 15:45 | Tcmx high in 1st column | YP\AJ | Ok |
| 25 | Q3452-01 | JB-1 | PQ071172.D | 27 Oct 2025 16:00 | | YP\AJ | Ok |
| 26 | Q3460-05 | WC-2 | PQ071173.D | 27 Oct 2025 16:14 | TCMX & DCB high in 1st column | YP\AJ | ReRun |
| 27 | Q3460-09 | WC-3 | PQ071174.D | 27 Oct 2025 16:29 | TCMX & DCB high in 1st column | YP\AJ | ReRun |
| 28 | Q3460-13 | WC-4 | PQ071175.D | 27 Oct 2025 16:43 | DCB high in 1st column, AR1260 hits | YP\AJ | Ok,M |
| 29 | AR1660CCC500 | AR1660CCC500 | PQ071176.D | 27 Oct 2025 17:42 | | YP\AJ | Ok,M |
| 30 | AR1242CCC500 | AR1242CCC500 | PQ071177.D | 27 Oct 2025 18:40 | | YP\AJ | Ok |
| 31 | AR1248CCC500 | AR1248CCC500 | PQ071178.D | 27 Oct 2025 18:55 | | YP\AJ | Ok |
| 32 | AR1254CCC500 | AR1254CCC500 | PQ071179.D | 27 Oct 2025 19:09 | | YP\AJ | Ok,M |
| 33 | I.BLK | I.BLK | PQ071180.D | 27 Oct 2025 19:24 | | YP\AJ | Ok |

M : Manual Integration

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 10/24/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:25
**In Date:** 10/23/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104
**Time OUT:** 08:15
**Out Date:** 10/24/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB137624

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q3399-03 | COMP-ROLLOFF | 15 | 1.15 | 10.96 | 12.11 | 11.00 | 89.9 | |
| Q3437-03 | SS-15R(2.0-2.5) | 1 | 1.18 | 10.46 | 11.64 | 10.32 | 87.4 | |
| Q3437-05 | SS-26(0-0.5) | 2 | 1.16 | 10.19 | 11.35 | 10.17 | 88.4 | |
| Q3437-11 | SS-27(0-0.5) | 3 | 1.17 | 10.34 | 11.51 | 10.85 | 93.6 | |
| Q3437-14 | SS-25(0-0.5) | 4 | 1.11 | 10.33 | 11.44 | 10.34 | 89.4 | |
| Q3437-16 | SS-23(0-0.5) | 5 | 1.13 | 10.84 | 11.97 | 11.26 | 93.5 | |
| Q3439-01 | TP-9 | 6 | 1.18 | 10.29 | 11.47 | 10.55 | 91.1 | |
| Q3439-02 | TP-9-EPH | 7 | 1.19 | 10.61 | 11.8 | 10.87 | 91.2 | |
| Q3439-03 | TP-9-VOC | 8 | 1.18 | 10.14 | 11.32 | 10.41 | 91.0 | |
| Q3439-05 | TP-10 | 9 | 1.15 | 10.60 | 11.75 | 10.82 | 91.2 | |
| Q3439-06 | TP-10-EPH | 10 | 1.19 | 10.17 | 11.36 | 10.44 | 91.0 | |
| Q3439-07 | TP-10-VOC | 11 | 1.18 | 10.31 | 11.49 | 10.37 | 89.1 | |
| Q3440-01 | JB-2 | 12 | 1.13 | 11.32 | 12.45 | 10.38 | 81.7 | |
| Q3440-02 | JB-2-EPH | 13 | 1.17 | 10.42 | 11.59 | 9.79 | 82.7 | |
| Q3440-03 | JB-2-VOC | 14 | 1.13 | 8.36 | 9.49 | 8.14 | 83.9 | |
| Q3445-01 | EO-01-102325 | 16 | 1.14 | 10.46 | 11.6 | 10.74 | 91.8 | |
| Q3445-02 | EO-01-102325-E2 | 17 | 1.16 | 10.40 | 11.56 | 10.57 | 90.5 | |
| Q3446-01 | SB-14 | 18 | 1.11 | 10.00 | 11.11 | 10.82 | 97.1 | |
| Q3446-02 | SB-15 | 19 | 1.14 | 10.54 | 11.68 | 11.64 | 99.6 | |
| Q3446-03 | SB-16 | 20 | 1.19 | 10.31 | 11.5 | 11.44 | 99.4 | |
| Q3446-04 | SB-17 | 21 | 1.19 | 10.13 | 11.32 | 11.27 | 99.5 | |
| Q3446-05 | SB-18 | 22 | 1.19 | 10.53 | 11.72 | 11.67 | 99.5 | |
| Q3446-06 | SB-19 | 23 | 1.15 | 10.44 | 11.59 | 11.32 | 97.4 | |
| Q3446-07 | SB-20 | 24 | 1.16 | 10.50 | 11.66 | 11.6 | 99.4 | |
| Q3446-08 | SB-21 | 25 | 1.14 | 10.08 | 11.22 | 10.9 | 96.8 | |
| Q3447-01 | P001-TW1-251023-01 | 26 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | TAR SAMPLE |
| Q3447-03 | P001-TW2-251023-01 | 27 | 1.19 | 10.43 | 11.62 | 10.75 | 91.7 | |
| Q3447-05 | P001-TW3-251023-01 | 28 | 1.18 | 10.70 | 11.88 | 11.64 | 97.8 | |

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 10/24/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:25
**In Date:** 10/23/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104
**Time OUT:** 08:15
**Out Date:** 10/24/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB137624

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q3447-07 | P001-TW4-251023-01 | 29 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | TAR SAMPLE |

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

# WORKLIST(Hardcopy Internal Chain)

VR 13/24

**WorkList Name :** %1-102325 **WorkList ID :** 192629 **Department :** Wet-Chemistry **Date :** 10-23-2025 08:26:05

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3399-03 | COMP-ROLLOFF | Solid | Percent Solids | Cool 4 deg C | ICES02 | D41 | 10/20/2025 | Chemtech -SO |
| Q3437-03 | SS-15R(2.0-2.5) | Solid | Percent Solids | Cool 4 deg C | MATR02 | D31 | 10/22/2025 | Chemtech -SO |
| Q3437-05 | SS-26(0-0.5) | Solid | Percent Solids | Cool 4 deg C | MATR02 | D31 | 10/22/2025 | Chemtech -SO |
| Q3437-11 | SS-27(0-0.5) | Solid | Percent Solids | Cool 4 deg C | MATR02 | D31 | 10/22/2025 | Chemtech -SO |
| Q3437-14 | SS-25(0-0.5) | Solid | Percent Solids | Cool 4 deg C | MATR02 | D31 | 10/22/2025 | Chemtech -SO |
| Q3437-16 | SS-23(0-0.5) | Solid | Percent Solids | Cool 4 deg C | MATR02 | D31 | 10/22/2025 | Chemtech -SO |
| Q3439-01 | TP-9 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/22/2025 | Chemtech -SO |
| Q3439-02 | TP-9-EPH | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/22/2025 | Chemtech -SO |
| Q3439-03 | TP-9-VOC | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/22/2025 | Chemtech -SO |
| Q3439-05 | TP-10 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/23/2025 | Chemtech -SO |
| Q3439-06 | TP-10-EPH | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/23/2025 | Chemtech -SO |
| Q3439-07 | TP-10-VOC | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/23/2025 | Chemtech -SO |
| Q3440-01 | JB-2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/22/2025 | Chemtech -SO |
| Q3440-02 | JB-2-EPH | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/22/2025 | Chemtech -SO |
| Q3440-03 | JB-2-VOC | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/22/2025 | Chemtech -SO |
| Q3445-01 | EO-01-102325 | Solid | Percent Solids | Cool 4 deg C | PSEG05 | D31 | 10/23/2025 | Chemtech -SO |
| Q3445-02 | EO-01-102325-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG05 | D31 | 10/23/2025 | Chemtech -SO |
| Q3446-01 | SB-14 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/23/2025 | Chemtech -SO |
| Q3446-02 | SB-15 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/23/2025 | Chemtech -SO |
| Q3446-03 | SB-16 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/23/2025 | Chemtech -SO |
| Q3446-04 | SB-17 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/23/2025 | Chemtech -SO |

**Date/Time** 10/23/25 15:00

**Raw Sample Received by:** [illegible] (WC)

**Raw Sample Relinquished by:** [illegible] (SM)

**Date/Time** 10/23/25 17:30

**Raw Sample Received by:** [illegible] (SM)

**Raw Sample Relinquished by:** [illegible] WC

# WORKLIST(Hardcopy Internal Chain)

WB137624

**WorkList Name :** %1-102325 **WorkList ID :** 192629 **Department :** Wet-Chemistry **Date :** 10-23-2025 08:26:05

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3446-05 | SB-18 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/23/2025 | Chemtech -SO |
| Q3446-06 | SB-19 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/23/2025 | Chemtech -SO |
| Q3446-07 | SB-20 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/23/2025 | Chemtech -SO |
| Q3446-08 | SB-21 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/23/2025 | Chemtech -SO |
| Q3447-01 | P001-TW1-251023-01 | Solid | Percent Solids | Cool 4 deg C | ROYF02 | D41 | 10/23/2025 | Chemtech -SO |
| Q3447-03 | P001-TW2-251023-01 | Solid | Percent Solids | Cool 4 deg C | ROYF02 | D41 | 10/23/2025 | Chemtech -SO |
| Q3447-05 | P001-TW3-251023-01 | Solid | Percent Solids | Cool 4 deg C | ROYF02 | D41 | 10/23/2025 | Chemtech -SO |
| Q3447-07 | P001-TW4-251023-01 | Solid | Percent Solids | Cool 4 deg C | ROYF02 | D41 | 10/23/2025 | Chemtech -SO |

**Date/Time** 10/23/25 1510

**Raw Sample Received by:** JA CWC

**Raw Sample Relinquished by:** CPCSM



**Date/Time** 10/23/25 1730

**Raw Sample Received by:** CPCSM

**Raw Sample Relinquished by:** JA CWC

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**EXTRACTION LOGPAGE**

PB170236

**SOP ID:** M3541-ASE Extraction-15

**Clean Up SOP #:** Acid Cleanup

**Matrix :** Solid

**Weigh By:** EH

**Balance check:** EH

**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 :** 10/24/2025

**Extraction Start Time :** 12:05

**Extraction End Date :** 10/24/2025

**Extraction End Time :** 15:25

**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 | PP24930 |
| Surrogate | 1.0ML | 200 PPB | PP24663 |
| N/A | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| Hexane/Acetone/1:1 | N/A | EP2643 |
| Baked Na2SO4 | N/A | EP2652 |
| Sand | N/A | E3951 |
| Hexane | N/A | E3978 |
| H2SO4 1:1 | N/A | EP2610 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

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

40ML Vial Lot # 03-40BTS721. Q3447-07 used Limited volume as sample is tar matrix.

**KD Bath ID:** N/A

**KD Bath Temperature:** N/A

**Envap ID:** N-EVAP-02

**Envap Temperature:** 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 10/24/25 | RS (Ext Lab) | |
| 15:30 | Preparation Group | Analysis Group |

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**EXTRACTION LOGPAGE**

**PrepBatch ID : PB170236**

**Analytical Method:** M3541-ASE Extraction-15

**Concentration Date:** 10/24/2025

| Sample ID | Client Sample ID | Test | g/mL | PH | Surr/Spike By: | | Final Vol. (mL) | JarID | Comments | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | AddedBy | VerifiedBy | | | | |
| PB170236BL | ABLK236 | PCB | 30.02 | N/A | ritesh | Evelyn | 10 | | | U1-1 |
| PB170236BS | ALCS236 | PCB | 30.01 | N/A | ritesh | Evelyn | 10 | | | 2 |
| Q3427-01 | TP-8 | PCB | 30.06 | N/A | ritesh | Evelyn | 10 | E | Oily Mat. | 3 |
| Q3447-01 | P001-TW1-251023-01 | PCB | 30.07 | N/A | ritesh | Evelyn | 10 | E | Oily Mat. | 4 |
| Q3447-03 | P001-TW2-251023-01 | PCB | 30.04 | N/A | ritesh | Evelyn | 10 | E | Tar Mat. | 5 |
| Q3447-05 | P001-TW3-251023-01 | PCB | 30.09 | N/A | ritesh | Evelyn | 10 | E | Tar Mat. | 6 |
| Q3447-07 | P001-TW4-251023-01 | PCB | 10.05 | N/A | ritesh | Evelyn | 10 | E | | U2-1 |
| Q3449-01 | CF-620-COMP-41 | PCB | 30.02 | N/A | ritesh | Evelyn | 10 | E | | 2 |
| Q3450-01 | SS-5R-(2.0-2.5) | PCB | 30.03 | N/A | ritesh | Evelyn | 10 | | | 3 |
| Q3450-02 | SS-5R-(3.5-4.0) | PCB | 30.08 | N/A | ritesh | Evelyn | 10 | | | 4 |
| Q3450-02MS | SS-5R-(3.5-4.0)MS | PCB | 30.06 | N/A | ritesh | Evelyn | 10 | | | 5 |
| Q3450-02MSD | SS-5R-(3.5-4.0)MSD | PCB | 30.04 | N/A | ritesh | Evelyn | 10 | | | 6 |
| Q3450-08 | SS-20-(0.0-0.5) | PCB | 30.01 | N/A | ritesh | Evelyn | 10 | | | U3-1 |
| Q3450-09 | SS-20-(2.0-2.5) | PCB | 30.09 | N/A | ritesh | Evelyn | 10 | | | 2 |
| Q3450-10 | SS-20-(3.5-4.0) | PCB | 30.07 | N/A | ritesh | Evelyn | 10 | | | 3 |
| Q3450-11 | SS-28-(2.0-2.5) | PCB | 30.02 | N/A | ritesh | Evelyn | 10 | | | 4 |
| Q3450-20 | SS-21-(0.0-0.5) | PCB | 30.05 | N/A | ritesh | Evelyn | 10 | | | 5 |
| Q3450-21 | SS-21-(2.0-2.5) | PCB | 30.08 | N/A | ritesh | Evelyn | 10 | | | 6 |
| Q3450-22 | SS-21-(3.5-4.0) | PCB | 30.04 | N/A | ritesh | Evelyn | 10 | | | U6-1 |

RS
10/24

* **Extracts relinquished on the same date as received.**

1702 10:45

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** Q3450 **WorkList ID :** 192676 **Department :** Extraction **Date :** 10-24-2025 10:40:05

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3427-01 | TP-8 | Solid | PCB | Cool 4 deg C | PSEG03 | D41 | 10/21/2025 | 8082A |
| Q3447-01 | P001-TW1-251023-01 | Solid | PCB | Cool 4 deg C | ROYF02 | D41 | 10/23/2025 | 8082A |
| Q3447-03 | P001-TW2-251023-01 | Solid | PCB | Cool 4 deg C | ROYF02 | D41 | 10/23/2025 | 8082A |
| Q3447-05 | P001-TW3-251023-01 | Solid | PCB | Cool 4 deg C | ROYF02 | D41 | 10/23/2025 | 8082A |
| Q3447-07 | P001-TW4-251023-01 | Solid | PCB | Cool 4 deg C | ROYF02 | D41 | 10/23/2025 | 8082A |
| Q3449-01 | CF-620-COMP-41 | Solid | PCB | Cool 4 deg C | PSEG03 | D21 | 10/23/2025 | 8082A |
| Q3450-01 | SS-5R-(2.0-2.5) | Solid | PCB | Cool 4 deg C | MATR02 | D41 | 10/23/2025 | 8082A |
| Q3450-02 | SS-5R-(3.5-4.0) | Solid | PCB | Cool 4 deg C | MATR02 | D41 | 10/23/2025 | 8082A |
| Q3450-08 | SS-20-(0.0-0.5) | Solid | PCB | Cool 4 deg C | MATR02 | D41 | 10/23/2025 | 8082A |
| Q3450-09 | SS-20-(2.0-2.5) | Solid | PCB | Cool 4 deg C | MATR02 | D41 | 10/23/2025 | 8082A |
| Q3450-10 | SS-20-(3.5-4.0) | Solid | PCB | Cool 4 deg C | MATR02 | D41 | 10/23/2025 | 8082A |
| Q3450-11 | SS-28-(2.0-2.5) | Solid | PCB | Cool 4 deg C | MATR02 | D41 | 10/23/2025 | 8082A |
| Q3450-20 | SS-21-(0.0-0.5) | Solid | PCB | Cool 4 deg C | MATR02 | D41 | 10/23/2025 | 8082A |
| Q3450-21 | SS-21-(2.0-2.5) | Solid | PCB | Cool 4 deg C | MATR02 | D41 | 10/23/2025 | 8082A |
| Q3450-22 | SS-21-(3.5-4.0) | Solid | PCB | Cool 4 deg C | MATR02 | D41 | 10/23/2025 | 8082A |

**Date/Time** 10/24/25 10:40

**Raw Sample Received by:** RJ (Ext-lab)

**Raw Sample Relinquished by:**



**Date/Time** 10/24/25 11:10

**Raw Sample Received by:**

**Raw Sample Relinquished by:** RJ (Ext-lab)

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# Prep Standard - Chemical Standard Summary

**Order ID :** Q3447

**Test :** PCB

**Prepbatch ID :** PB170236,

**Sequence ID/Qc Batch ID:** PP102725,PP102825,PQ102725,

**Standard ID :**

EP2610,EP2643,EP2652,PP24329,PP24330,PP24381,PP24663,PP24805,PP24806,PP24807,PP24808,PP24809,PP24810,PP24811,PP24812,PP24814,PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862,PP24930,

**Chemical ID :**

E3804,E3875,E3944,E3951,E3962,E3963,E3971,E3972,E3978,M6157,P 11522,P11592,P12700,P12703,P12952,P12953,P12957,P13356,P13373,P13375,P13590,P13592,P13695,P13697,P13706,P13786,P13789,P13833,P13879,P13881,P13885,W3112,W3177,W3234,

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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 | EP2610 | 05/07/2025 | 11/07/2025 | RUPESHKUMAR SHAH | Extraction_SCALE_2 (EX-SC-2) | None | Riteshkumar Patel 05/07/2025 |

**FROM** 1000.00000ml of M6157 + 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 | EP2643 | 09/16/2025 | 03/16/2026 | Evelyn Huang | None | None | Riteshkumar Patel 09/16/2025 |

**FROM** 4000.00000ml of E3971 + 4000.00000ml of E3972 = 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 | EP2652 | 10/10/2025 | 01/28/2026 | Evelyn Huang | Extraction_SCALE_2 (EX-SC-2) | None | Riteshkumar Patel 10/10/2025 |

**FROM** 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 84 | Pest/PCB Surrogate Stock 20 PPM | PP24329 | 03/18/2025 | 08/22/2025 | Yogesh Patel | None | None | Abdul Mirza 04/03/2025 |

**FROM** 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 202 | AR1660 1000/100 ppb working solution 1st source | PP24330 | 03/18/2025 | 08/22/2025 | Yogesh Patel | None | None | Abdul Mirza 04/03/2025 |

**FROM** 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1893 | AR1254 1000 PPB Working Sol. 2nd Source | PP24381 | 03/18/2025 | 08/22/2025 | Yogesh Patel | None | None | Abdul Mirza 04/03/2025 |

**FROM** 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = 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 |
|---|---|---|---|---|---|---|---|---|
| 465 | 200 PPB Pest/PCB Surrogate Spike | PP24663 | 06/24/2025 | 12/24/2025 | Abdul Mirza | None | None | Yogesh Patel 07/21/2025 |

**FROM** 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 84 | Pest/PCB Surrogate Stock 20 PPM | PP24805 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 1.00000ml of P13789 + 9.00000ml of E3962 = 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 |
|---|---|---|---|---|---|---|---|---|
| 213 | AR1221 1000 PPB WORKING SOLUTION | PP24806 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.10000ml of P13375 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 214 | AR1232 1000 PPB WORKING SOLUTION | PP24807 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.10000ml of P13879 + 99.40000ml of E3962 + 0.50000ml of PP24805 = 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 |
|---|---|---|---|---|---|---|---|---|
| 215 | AR1242 1000 PPB WORKING STD | PP24808 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.10000ml of P13706 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 216 | AR1248 1000 PPB WORKING STD | PP24809 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.10000ml of P13695 + 99.40000ml of E3962 + 0.50000ml of PP24805 = 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 |
|---|---|---|---|---|---|---|---|---|
| 217 | AR1254 1000 PPB WORKING STD | PP24810 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.10000ml of P11592 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1529 | AR1262 1000 PPB Working Solution | PP24811 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.10000ml of P13881 + 99.40000ml of E3962 + 0.50000ml of PP24805 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1532 | AR1268 1000 PPB Working Solution | PP24812 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.10000ml of P13885 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 404 | AR1660 100 PPM Stock Solution 2nd Source | PP24814 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 1.00000ml of P12952 + 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 | PP24815 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 98.50000ml of E3962 + 0.50000ml of PP24805 + 1.00000ml of PP24814 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3789 | AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT) | PP24816 | 08/18/2025 | 02/15/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 1.00000ml of P13373 + 98.50000ml of E3962 + 0.50000ml of PP24805 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1887 | AR1232 1000 PPB Working Sol. 2nd Source | PP24817 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 1.00000ml of P12700 + 98.50000ml of E3962 + 0.50000ml of PP24805 = 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 | PP24818 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 1.00000ml of P13590 + 98.50000ml of E3962 + 0.50000ml of PP24805 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1890 | AR1248 1000 PPB Working Sol. 2nd Source | PP24819 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 1.00000ml of P13592 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 2193 | AR1254 100 PPM STOCK SOLUTION | PP24820 | 08/18/2025 | 02/15/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 1.00000ml of P13833 + 9.00000ml of E3963 = 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 |
|---|---|---|---|---|---|---|---|---|
| 3757 | AR1262 1000 PPB Working Solution second source | PP24821 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 1.00000ml of P12703 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3817 | AR1268 1000 ppb Working Soln. 2nd source | PP24822 | 08/18/2025 | 02/15/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 1.00000ml of P11522 + 98.50000ml of E3962 + 0.50000ml of PP24805 = 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 |
|---|---|---|---|---|---|---|---|---|
| 203 | AR1660 750 PPB STD | PP24823 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24330 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 204 | AR1660 500 PPB STD | PP24824 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24330 = 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 | PP24825 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24330 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 206 | AR1660 50 PPB STD | PP24826 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24824 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1079 | AR1221 750 PPB STD | PP24827 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24806 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 222 | AR1221 500 PPB STD | PP24828 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24806 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1080 | AR1221 250 PPB STD | PP24829 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24806 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1081 | AR1221 50 PPB STD | PP24830 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24828 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1063 | AR1232 750 PPB STD | PP24831 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24807 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 223 | AR1232 500 PPB STD | PP24832 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24807 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1064 | AR1232 250 PPB STD | PP24833 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24807 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1065 | AR1232 50 PPB STD | PP24834 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24832 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1067 | AR1242 750 PPB STD | PP24835 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24808 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 224 | AR1242 500 PPB STD | PP24836 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24808 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1068 | AR1242 250 PPB STD | PP24837 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24808 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1069 | AR1242 50 PPB STD | PP24838 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24836 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1075 | AR1248 750 PPB STD | PP24839 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24809 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 225 | AR1248 500 PPB STD | PP24840 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24809 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1076 | AR1248 250 PPB STD | PP24841 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24809 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1077 | AR1248 50 PPB STD | PP24842 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24840 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1071 | AR1254 750 PPB STD | PP24843 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24810 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 226 | AR1254 500 PPB STD | PP24844 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24810 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1072 | AR1254 250 PPB STD | PP24845 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24810 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1073 | AR1254 50 PPB STD | PP24846 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24844 = 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 |
|---|---|---|---|---|---|---|---|---|
| 3753 | AR1262 750 PPB STD | PP24847 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24811 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1530 | AR1262 500 PPB STD | PP24848 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24811 = 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 |
|---|---|---|---|---|---|---|---|---|
| 3754 | AR1262 250 PPB STD | PP24849 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24811 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3755 | AR1262 50 PPB STD | PP24850 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24848 = 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 |
|---|---|---|---|---|---|---|---|---|
| 3820 | AR1268 750 PPB STD | PP24851 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.25000ml of W3234 + 0.75000ml of PP24812 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1533 | AR1268 500 PPB STD | PP24852 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24812 = 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 |
|---|---|---|---|---|---|---|---|---|
| 3821 | AR1268 250 PPB STD | PP24853 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.75000ml of W3234 + 0.25000ml of PP24812 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3822 | AR1268 50 PPB STD | PP24854 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.90000ml of W3234 + 0.10000ml of PP24852 = 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 |
|---|---|---|---|---|---|---|---|---|
| 406 | AR1660 500 PPB ICV | PP24855 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24815 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3790 | AR1221 500 PPB ICV(AGILENT) | PP24856 | 08/18/2025 | 02/15/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24816 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1888 | AR1232 500 PPB ICV | PP24857 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24817 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1891 | AR1242 500 PPB ICV | PP24858 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24818 = 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 |
|---|---|---|---|---|---|---|---|---|
| 1892 | AR1248 500 PPB ICV | PP24859 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24819 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1894 | AR1254 500 PPB ICV | PP24860 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24381 = 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 |
|---|---|---|---|---|---|---|---|---|
| 3758 | AR1262 500 PPB STD ICV | PP24861 | 08/18/2025 | 02/18/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24821 = Final Quantity: 1.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3823 | AR1268 500 PPB STD ICV | PP24862 | 08/18/2025 | 02/15/2026 | Yogesh Patel | None | None | Abdul Mirza 08/19/2025 |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24822 = 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 | PP24930 | 09/18/2025 | 03/18/2026 | Abdul Mirza | None | None | Yogesh Patel 09/19/2025 |

**FROM** 0.50000ml of P12953 + 99.50000ml of E3972 = Final Quantity: 100.000 ml

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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 | 9005-05 / Acetone Ultra (cs/4x4L) | 24E0761004 | 02/18/2026 | 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 # |
|---|---|---|---|---|---|---|
| PCI Scientific Supply, Inc. | PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1 | 417203 | 01/28/2026 | 07/28/2025 / RUPESH | 01/29/2025 / Rajesh | E3875 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 05/24/2027 | 06/20/2025 / RUPESH | 05/14/2025 / RUPESH | E3944 |

| 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) | 25A2756718 | 12/31/2028 | 07/09/2025 / RUPESH | 04/28/2020 / RUPESH | E3951 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 25C0362005 | 04/30/2026 | 08/05/2025 / RUPESH | 07/30/2025 / RUPESH | E3962 |

| 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 | 02/15/2026 | 08/15/2025 / RUPESH | 08/07/2025 / RUPESH | E3963 |

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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-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 25C0362005 | 04/30/2026 | 09/15/2025 / Evelyn | 09/04/2025 / Riteshkumar | E3971 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 05/24/2027 | 09/16/2025 / Evelyn | 09/04/2025 / Riteshkumar | E3972 |

| 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) | 25C0362006 | 04/13/2026 | 10/13/2025 / RUPESH | 10/08/2025 / Riteshkumar | E3978 |

| 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) | 24i1262013 | 11/07/2025 | 05/07/2025 / RUPESH | 02/18/2025 / Mohan | M6157 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Agilent Technologies | PP-382-1 / Aroclor 1268 | 0006587800 | 09/18/2025 | 03/18/2025 / yogesh | 02/21/2022 / Ankita | P11522 |

| 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 | 02/18/2026 | 08/18/2025 / yogesh | 03/18/2022 / Abdul | P11592 |

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 | 91867 / Aroclor 1232 100 ug/mL | 020823 | 02/18/2026 | 08/18/2025 / yogesh | 08/07/2023 / Ankita | P12700 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards,Inc | x9166 / Aroclor 1262 100 ug/mL | 060523 | 02/18/2026 | 08/18/2025 / yogesh | 08/07/2023 / Ankita | P12703 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 20064 / Aroclor 1016/1260 | 022023 | 02/18/2026 | 08/18/2025 / yogesh | 12/20/2023 / Yogesh | P12952 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 20064 / Aroclor 1016/1260 | 022023 | 03/18/2026 | 09/18/2025 / Abdul | 12/20/2023 / Yogesh | P12953 |

| 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 # |
|---|---|---|---|---|---|---|
| Restek | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0206810 | 09/18/2025 | 03/18/2025 / yogesh | 04/22/2024 / Abdul | P13356 |

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# 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 | 09/18/2025 | 03/18/2025 / yogesh | 05/02/2024 / Ankita | P13373 |

| 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 | A0207511 | 02/18/2026 | 08/18/2025 / yogesh | 05/03/2024 / Abdul | P13375 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Agilent Technologies | PP-312-1 / Aroclor 1242 | 0006665550 | 02/18/2026 | 08/18/2025 / yogesh | 10/14/2024 / Ankita | P13590 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Agilent Technologies | PP-342-1 / Aroclor 1248 | 0006726317 | 02/18/2026 | 08/18/2025 / yogesh | 10/14/2024 / Ankita | P13592 |

| 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 | A0214733 | 02/18/2026 | 08/18/2025 / yogesh | 10/17/2024 / yogesh | P13695 |

| 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 | A0210629 | 09/18/2025 | 03/18/2025 / yogesh | 10/17/2024 / yogesh | P13697 |

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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 # |
|---|---|---|---|---|---|---|
| Restek | 32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul | A0210232 | 02/18/2026 | 08/18/2025 / yogesh | 10/17/2024 / yogesh | P13706 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0214495 | 12/24/2025 | 06/24/2025 / Abdul | 11/19/2024 / Ankita | P13786 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0214495 | 02/18/2026 | 08/18/2025 / yogesh | 11/19/2024 / Ankita | P13789 |

| 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 | a0217391 | 02/18/2026 | 08/18/2025 / yogesh | 12/09/2024 / Ankita | P13833 |

| 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 | A0219655 | 02/18/2026 | 08/18/2025 / yogesh | 01/23/2025 / Ankita | P13879 |

| 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 | A0217041 | 02/18/2026 | 08/18/2025 / yogesh | 01/23/2025 / Ankita | P13881 |

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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 # |
|---|---|---|---|---|---|---|
| Restek | 32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane | A0217264 | 02/18/2026 | 08/18/2025 / yogesh | 01/23/2025 / Ankita | P13885 |

| 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 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 24G1962003 | 08/22/2025 | 02/03/2025 / jignesh | 01/31/2025 / jignesh | W3177 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 25C0362005 | 04/30/2026 | 07/28/2025 / jignesh | 07/25/2025 / jignesh | W3234 |

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

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
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: | MAY/23/2024 |
| LOT NUMBER : | 417203 | | |

| TEST | SPECIFICATIONS | LOT VALUES |
|---|---|---|
| Assay ($Na_2SO_4$) | Min. 99.0% | 99.8 % |
| pH of a 5% solution at 25°C | 5.2 - 9.2 | 6.2 |
| Insoluble matter | Max. 0.01% | 0.001 % |
| 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% | 0.001 % |
| Magnesium (Mg) | Max. 0.005% | 0.001 % |
| Potassium (K) | Max. 0.008% | 0.001 % |
| 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% | 0.2 % |
| Retained on US Standard No. 60 sieve | Min. 94% | 96.2 % |
| Through US Standard No. 60 sieve | Max. 5% | 3.5 % |
| 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.



E 3875

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| Assay ($(CH_3)_2CO$) (by GC, corrected forwater) | >= 99.4 % | 99.8 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.2 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 % | 0.2 % |
| 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

E3944

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

VWR®
BDH® CHEMICALS

# Certificate of Analysis

| | |
|---|---|
| Material | BDH9274-2.5KG |
| Material Description | BDH SAND STDD OTTAWA W+I 2.5KG |
| Grade | NOT APPLICABLE |
| Batch | 25A2756718 |
| Reassay Date | 12/31/2028 |
| CAS Number | 14808-60-7 |
| Molecular Formula | SiO2 |
| Molecular Mass | 60.09 |
| Date of Manufacture | 12/05/2024 |
| Storage | Room Temperature |

| Characteristics | Specifications | Measured Values |
|---|---|---|
| Appearance | Beige granules. | Beige granules. |
| Moisture | <= 0.1 % | 0.1 % |
| Particle Size 30-40 mesh | >= 80 % | 99 % |
| CUSTOMER PART # BDH9274-2.5KG | | |

Received on 7/9/25.

E3951

Internal ID #: 793

| Signature | Additional Information |
|---|---|
| We certify that this batch conforms to the specifications listed above. | Analysis may have been rounded to significant digits in specification limits |
| This document has been electronically produced and is valid without a signature. | Product meets analytical specifications of the grades listed. |
| Leona Edwardson, Quality Control Sr. Manager - Solon<br>VWR Chemicals, LLC.<br>28600 Fountain Parkway, Solon OH 44139 USA | |

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

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | 1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL) | <= 10 | 6 |
| ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL) | <= 5 | 5 |
| Assay (Total Saturated $C_6$ Isomers) (byGC, corrected for water) | >= 99.5 % | 100.0 % |
| Assay (as n-Hexane) (by GC, correctedfor water) | >= 95 % | 100 % |
| Color (APHA) | <= 10 | 10 |
| 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

Recieved on 7/30/25

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

E3962

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

PO: PO2-2575 PRODUCT CODE: SHIP DATE: 6/20/25

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

Recieved on 8/6/25

E 3963

J Croak
Jamie Croak
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

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

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | 1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL) | <= 10 | 6 |
| ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL) | <= 5 | 5 |
| Assay (Total Saturated $C_6$ Isomers) (byGC, corrected for water) | >= 99.5 % | 100.0 % |
| Assay (as n-Hexane) (by GC, correctedfor water) | >= 95 % | 100 % |
| Color (APHA) | <= 10 | 10 |
| 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: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3971

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.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| Assay ($(CH_3)_2CO$) (by GC, corrected forwater) | >= 99.4 % | 99.8 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.2 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 % | 0.2 % |
| 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

E3972

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

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

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362006
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | 1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL) | <= 10 | 6 |
| ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL) | <= 5 | 4 |
| Assay (Total Saturated $C_6$ Isomers) (byGC, corrected for water) | >= 99.5 % | 100.0 % |
| Assay (as n-Hexane) (by GC, correctedfor water) | >= 95 % | 100 % |
| Color (APHA) | <= 10 | 10 |
| Residue after Evaporation | <= 1.0 ppm | 0.2 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: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3978

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

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

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor | J.T.Baker

M615 MB

Material No.: 9673-33
Batch No.: 24I1262013
Manufactured Date: 2024-08-07
Retest Date:2029-08-06
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| ACS - Assay ($H_2SO_4$) | 95.0 - 98.0 % | 96.2 % |
| Appearance | Passes Test | Passes Test |
| ACS - Color (APHA) | <= 10 | 5 |
| ACS - Residue after Ignition | <= 3 ppm | <1 ppm |
| ACS - Substances Reducing Permanganate(as SO2) | <= 2 ppm | <2 ppm |
| Ammonium ($NH_4$) | <= 1 ppm | <1 ppm |
| Chloride (Cl) | <= 0.1 ppm | <0.1 ppm |
| Nitrate ($NO_3$) | <= 0.2 ppm | 0.1 ppm |
| Phosphate ($PO_4$) | <= 0.5 ppm | <0.1 ppm |
| Trace Impurities - Aluminum (Al) | <= 30.0 ppb | <5.0 ppb |
| Arsenic & Antimony (as As) | <= 4.0 ppb | <2.0 ppb |
| Trace Impurities - Boron (B) | <= 10.0 ppb | <5.0 ppb |
| Trace Impurities - Cadmium (Cd) | <= 2.0 ppb | <1.0 ppb |
| Trace Impurities - Chromium (Cr) | <= 6.0 ppb | <1.0 ppb |
| Trace Impurities - Cobalt (Co) | <= 0.5 ppb | <0.3 ppb |
| Trace Impurities - Copper (Cu) | <= 1.0 ppb | <1.0 ppb |
| Trace Impurities - Gold (Au) | <= 10.0 ppb | <5.0 ppb |
| Heavy Metals (as Pb) | <= 500.0 ppb | <100.0 ppb |
| Trace Impurities - Iron (Fe) | <= 50.0 ppb | <1.0 ppb |
| Trace Impurities - Lead (Pb) | <= 0.5 ppb | <0.5 ppb |
| Trace Impurities - Magnesium (Mg) | <= 7.0 ppb | <1.0 ppb |
| Trace Impurities - Manganese (Mn) | <= 1.0 ppb | <1.0 ppb |
| Trace Impurities - Mercury (Hg) | <= 0.5 ppb | <0.1 ppb |
| Trace Impurities - Nickel (Ni) | <= 2.0 ppb | <0.3 ppb |
| Trace Impurities - Potassium (K) | <= 500.0 ppb | <10.0 ppb |
| Trace Impurities - Selenium (Se) | <= 50.0 ppb | 7.2 ppb |
| Trace Impurities - Silicon (Si) | <= 100.0 ppb | 12.8 ppb |
| Trace Impurities - Silver (Ag) | <= 1.0 ppb | <1.0 ppb |

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013

| Test | Specification | Result |
|---|---|---|
| Trace Impurities - Sodium (Na) | <= 500.0 ppb | <5.0 ppb |
| Trace Impurities - Strontium (Sr) | <= 5.0 ppb | <1.0 ppb |
| Trace Impurities - Tin (Sn) | <= 5.0 ppb | 1.1 ppb |
| Trace Impurities - Zinc (Zn) | <= 5.0 ppb | <1.0 ppb |

For Laboratory,Research,or Manufacturing Use

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

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

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

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



www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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.*

**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)

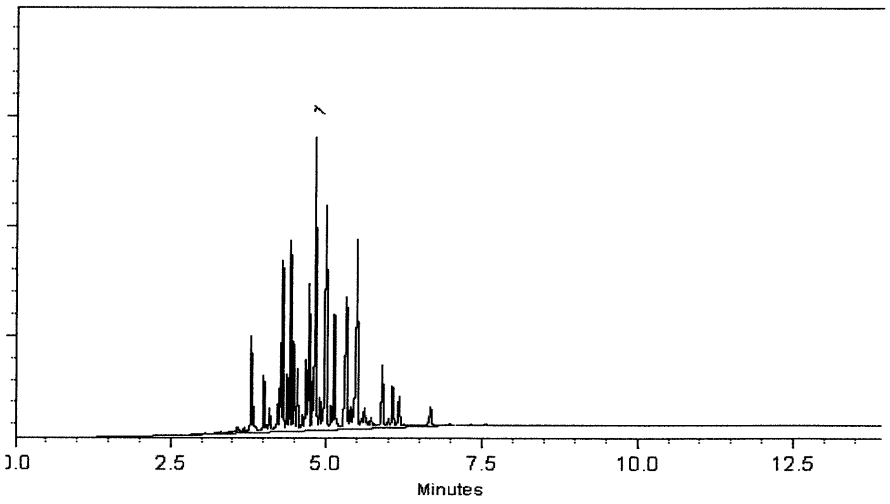
**Carrier Gas:**
helium-constant pressure 20 psi.

**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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800-368-1131
www.absolutestandards.com

*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

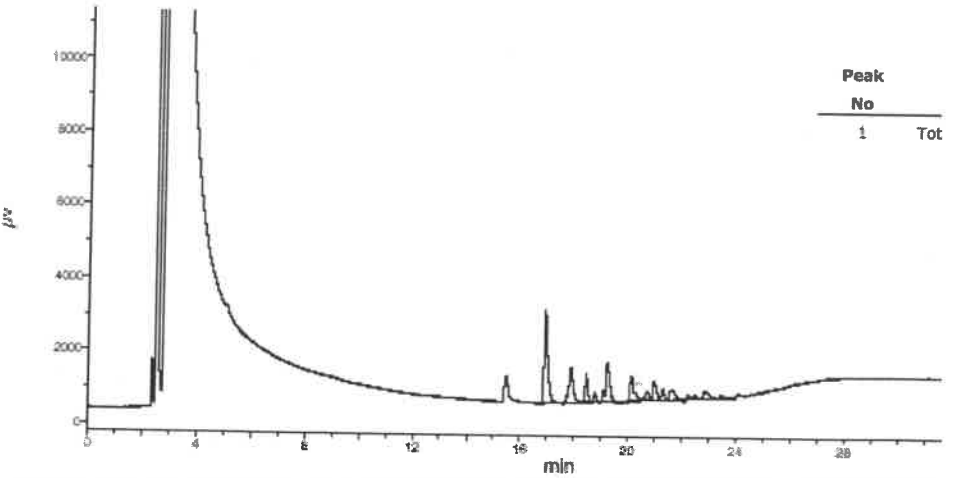
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

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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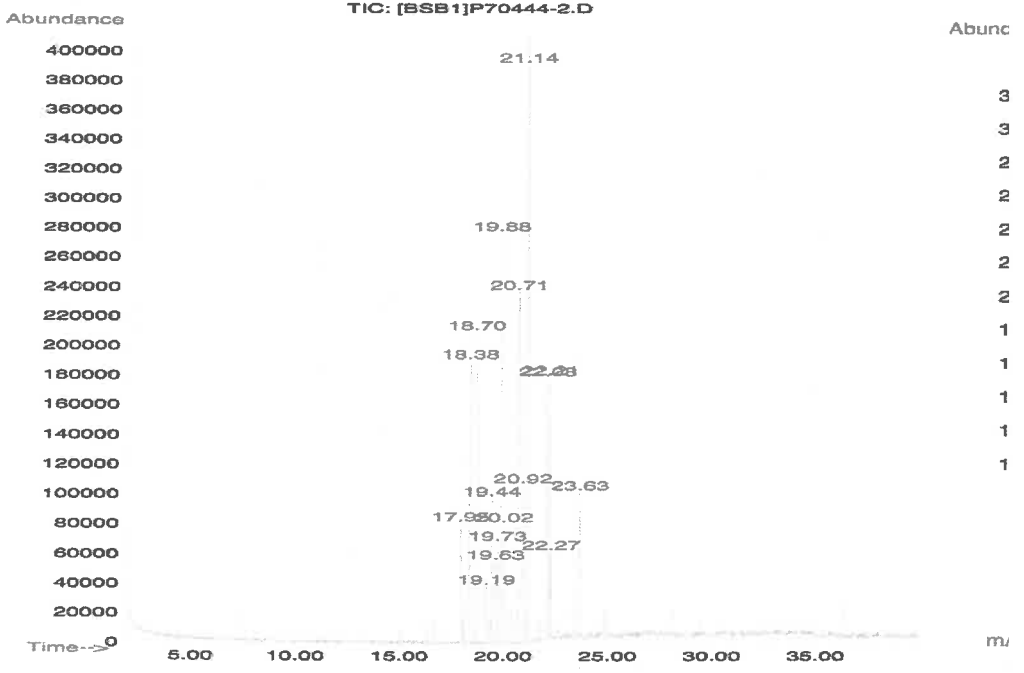
## CERTIFIED WEIGHT REPORT

| | | | |
|---|---|---|---|
| **Part Number:** | X9166 | **Solvent(s):** | |
| **Lot Number:** | 060523 | Methanol | E |
| **Description:** | Aroclor 1262<br>Appendix IX Compound | | |
| **Expiration Date:** | 060533 | | |
| **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 | 0.002 | Flask Uncertainty |

| Compound | Part Number | Lot Number | Dil. Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Co |
|---|---|---|---|---|---|---|
| 1. Aroclor 1262 | 70444 | 080322 | 0.10 | 2.00 | 0.017 | |

**Method GC7MSD-7.M:** Column:(30m X 0.25mm ID X 0.25µm film thickn
min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.




- The certified value is the concentration calculated from gravimetric and volumetric me
- Standards are prepared gravimetrically using balances that are calibrated with weight
- 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 appro
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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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

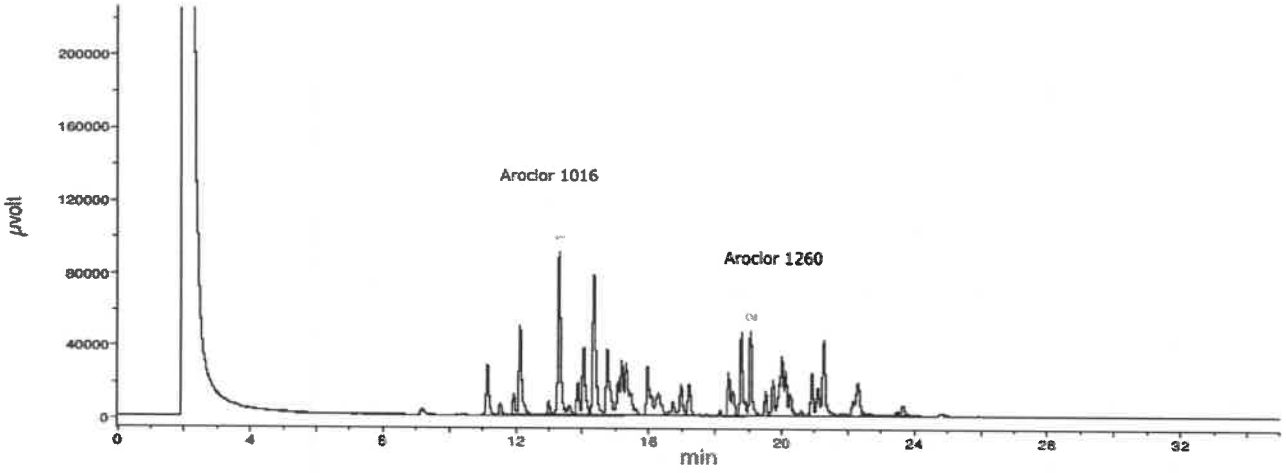
| | | |
|---|---|---|
| Formulated By: | Benson Chan | 022023 DATE |
| Reviewed By: | Pedro L. Rentas | 022023 DATE |

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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AR-1539 Certificate Number
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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.
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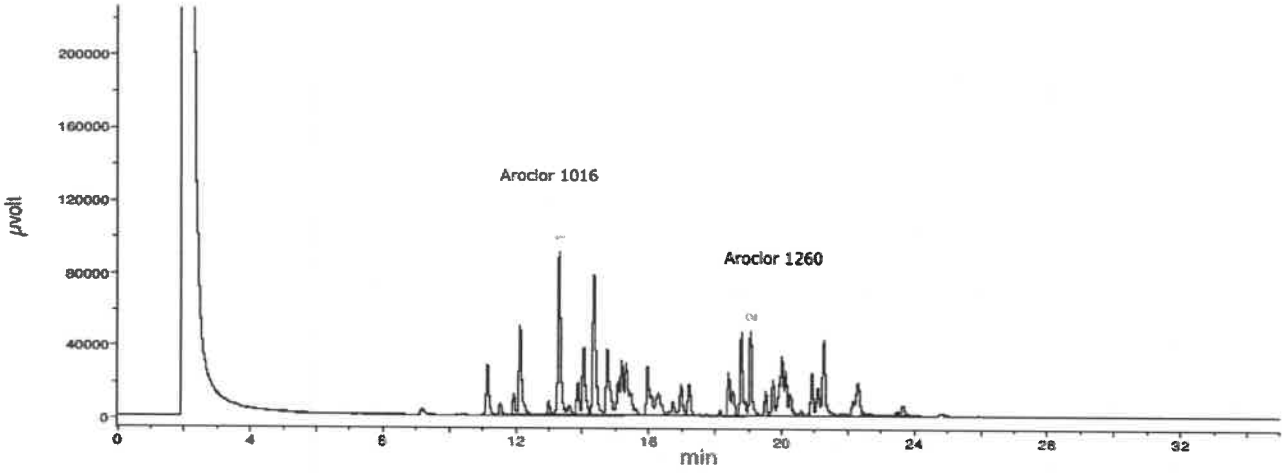
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

**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

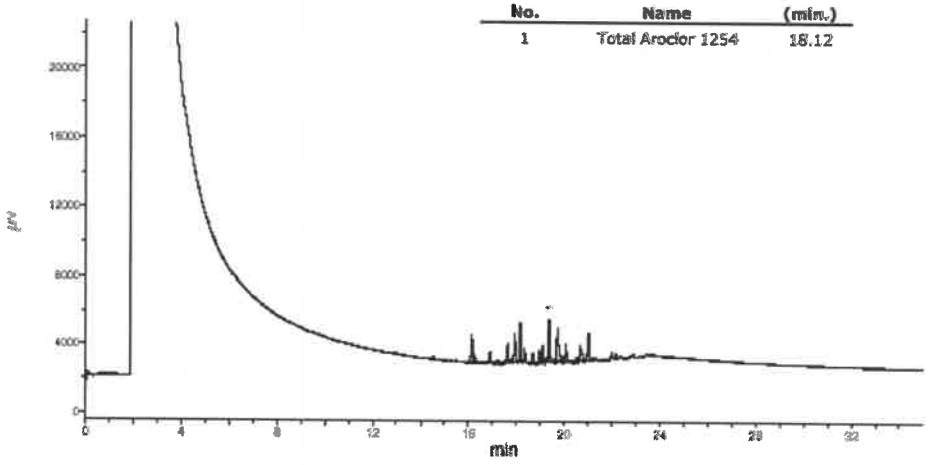
**Note: Aroclor 1254 is a mix of isomers.**

| 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 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.)

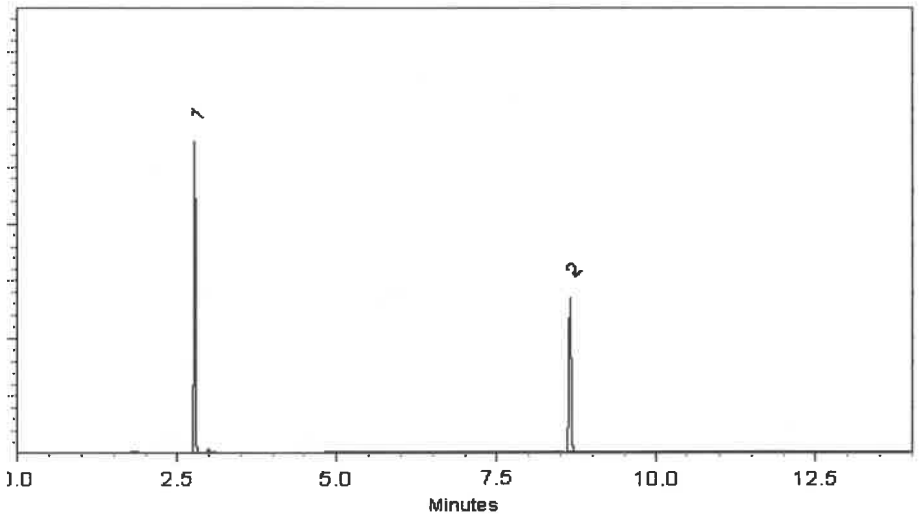
**Inj. Temp:**
250°C

**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)

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P13357

04/25/2025

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# Certificate of Analysis

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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.:** A0207511

**Description :** Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** May 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 1221 | 11104-28-2 | 13192500 | ----% | 1,002.7 µg/mL | +/- 55.6424 |

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

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

P 13374 (2)
↓
P 13375
1

05/6/2024

# Quality Confirmation Test

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

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

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

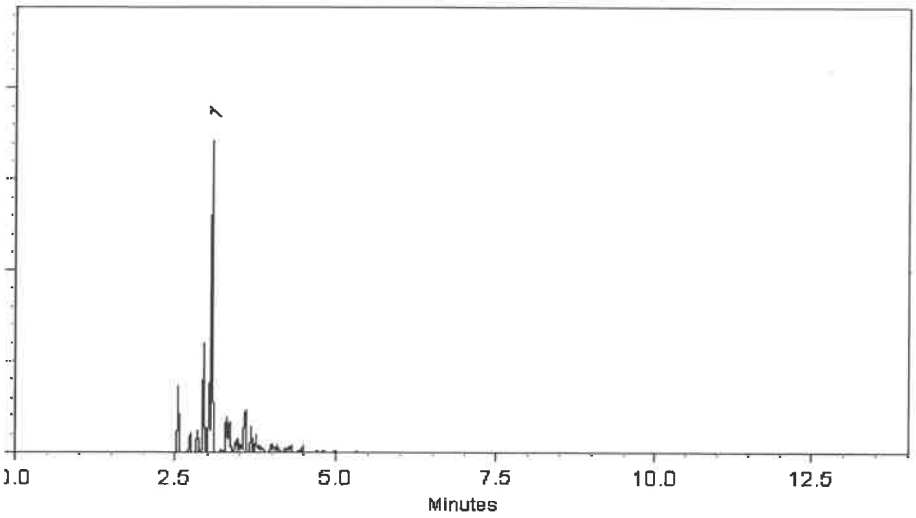
**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD

**Split Vent:**
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:** 06-Feb-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 08-Feb-2024

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

P13374 ②
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P13375

05/6/2024

ISO 17034

Agilent
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.

P13589
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P13590

AJ
10/14/24

**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

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ISO 17034

# Reference Material Certificate

## Product Information Sheet

**Product Name:** Aroclor 1248 Standard
**Product Number:** PP-342-1
**Storage Conditions:** Store at Room Temperature (15° to 30°C).

**Lot Number:** 0006726317
**Lot Issue Date:** 27-Jan-2023
**Expiration Date:** 28-Feb-2031

| Component Name | Concentration | | 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 (RM) 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. Purity values are taken from approved vendor raw material certificates.

**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 (RM) 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 (RM) 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 (RM) 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.

P13591
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P13592

AJ
10/14/2024

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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

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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. :** 32010 **Lot No.:** A0214733

**Description :** Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

P13695
P13696
Y.P.
10/17/24

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

**Expiration Date :** November 30, 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 | 15242800 | ----% | 1,005.0 µg/mL | +/- 55.7700 |

* 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.)

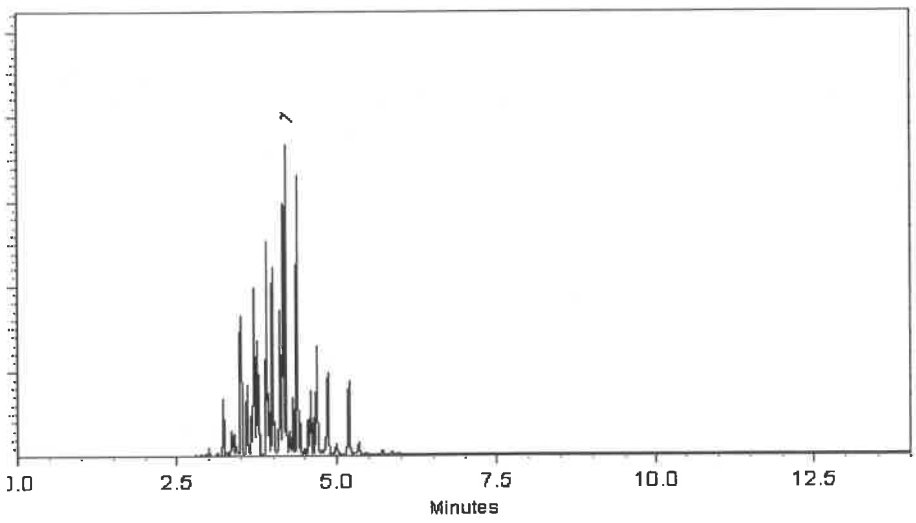
**Inj. Temp:**
250°C

**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.

Rebecca Gingerich - Operations Tech II

**Date Mixed:** 02-Aug-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 13-Aug-2024

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

# General Certified Reference Material Notes

## Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

## Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

## Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

## Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

## Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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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.*

**Catalog No. :** 32039 **Lot No.:** A0210629

**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 :** July 31, 2030 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

P13697 ↓ P13701 } Y.P. 10/19/24

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Aroclor 1016 | 12674-11-2 | 07 | ----% | 1,005.3 µg/mL | +/- 55.7809 |
| 2 | Aroclor 1260 | 11096-82-5 | 1320657 | ----% | 1,000.0 µg/mL | +/- 55.4850 |

* 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.)

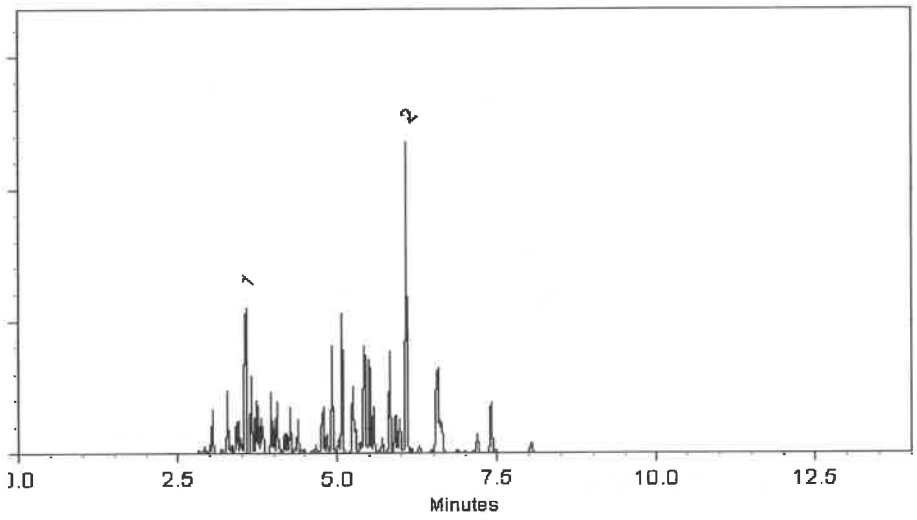
**Inj. Temp:**
250°C

**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:** 22-Apr-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I

**Date Passed:** 24-Apr-2024

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

# General Certified Reference Material Notes

## Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

## Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

## Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

## Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

## Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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

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

**Catalog No. :** 32009 **Lot No.:** A0210232

**Description :** Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

P13706
P13707
Y.P. 10/17/24

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

**Expiration Date :** July 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 1242 | 53469-21-9 | 01141 | ----% | 1,000.7 µg/mL | +/- 55.5295 |

* 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.)

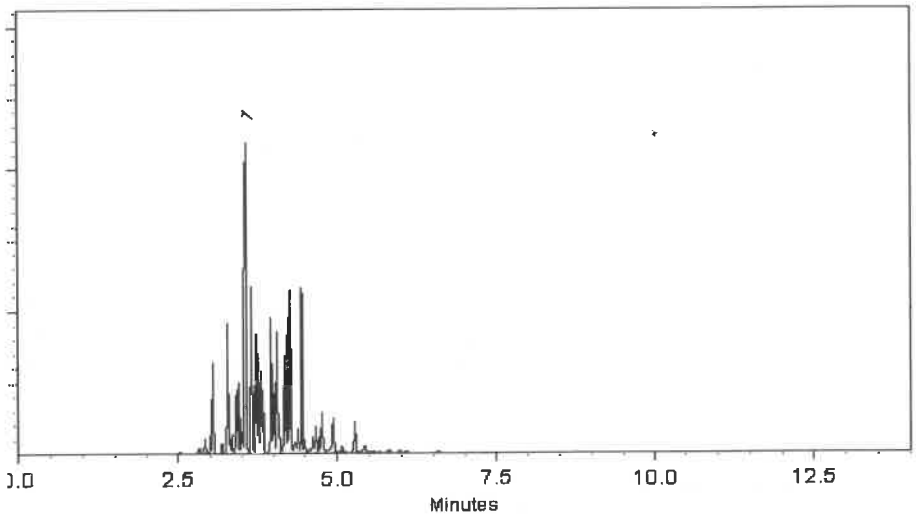
**Inj. Temp:**
250°C

**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.

Amanda Miller - Operations Tech III - ARM QC

**Date Mixed:** 11-Apr-2024 **Balance Serial #** B442140311

Christie Mills - Operations Lead Tech - ARM QC

**Date Passed:** 17-Apr-2024

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

# General Certified Reference Material Notes

## Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

## Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

## Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

## Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

## Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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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. :** 32000 **Lot No.:** A0214495

**Description :** Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

**Expiration Date :** October 31, 2030 **Storage:** 10°C or colder

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

P19785
↓
P19789
AJ
11/19/24

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8 | RP220407 | 99% | 200.2 µg/mL | +/- 11.1087 |
| 2 | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30679 | 99% | 201.4 µg/mL | +/- 11.1753 |

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

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

**Tech Tips:**

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

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

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

# Quality Confirmation Test

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

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

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

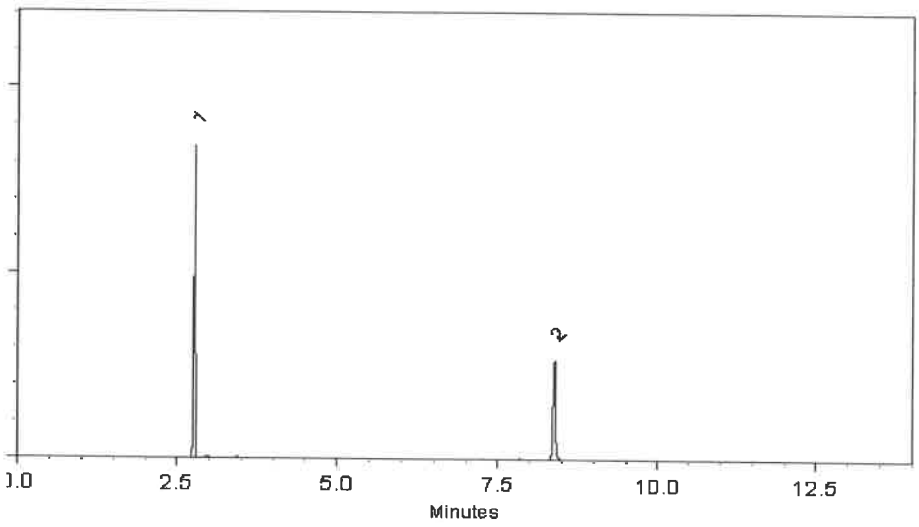
**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD

**Split Vent:**
10 ml/min.

**Inj. Vol**
1µl




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

Aaron Enyart - Operations Tech I

**Date Mixed:** 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 01-Aug-2024

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

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.*

**Catalog No. :** 32000 **Lot No.:** A0214495

**Description :** Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

**Expiration Date :** October 31, 2030 **Storage:** 10°C or colder

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

P19785
↓
P19789
AJ
11/19/24

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8 | RP220407 | 99% | 200.2 µg/mL | +/- 11.1087 |
| 2 | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30679 | 99% | 201.4 µg/mL | +/- 11.1753 |

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

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

**Tech Tips:**

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

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

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

# Quality Confirmation Test

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

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

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

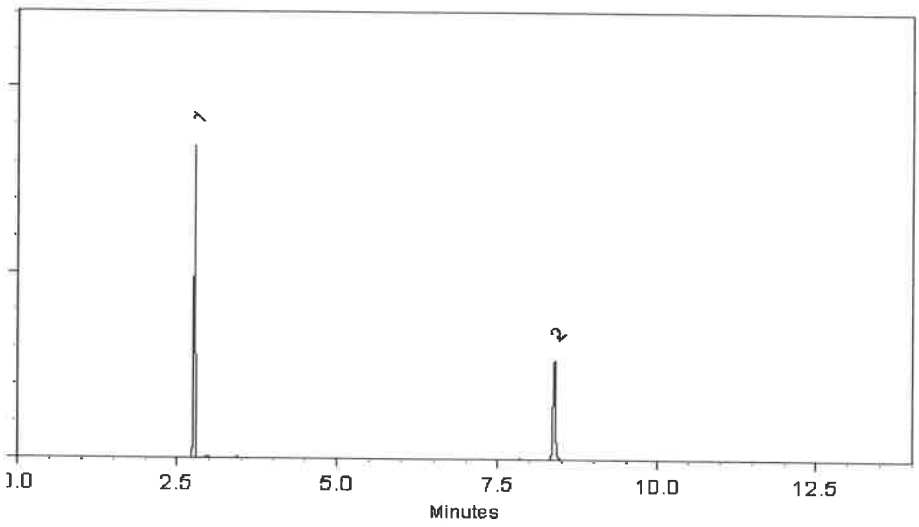
**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD

**Split Vent:**
10 ml/min.

**Inj. Vol**
1µl




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

Aaron Enyart - Operations Tech I

**Date Mixed:** 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 01-Aug-2024

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

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*

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA 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.*

**Catalog No. :** 32011 **Lot No.:** A0217391

**Description :** Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** January 31, 2031 **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 1254 | 11097-69-1 | 124-191-B | ----% | 1,004.7 µg/mL | +/- 55.7515 |

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

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

P13830
↓
P13832
↓
P13834

AJ
12/09/24

# Quality Confirmation Test

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

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

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

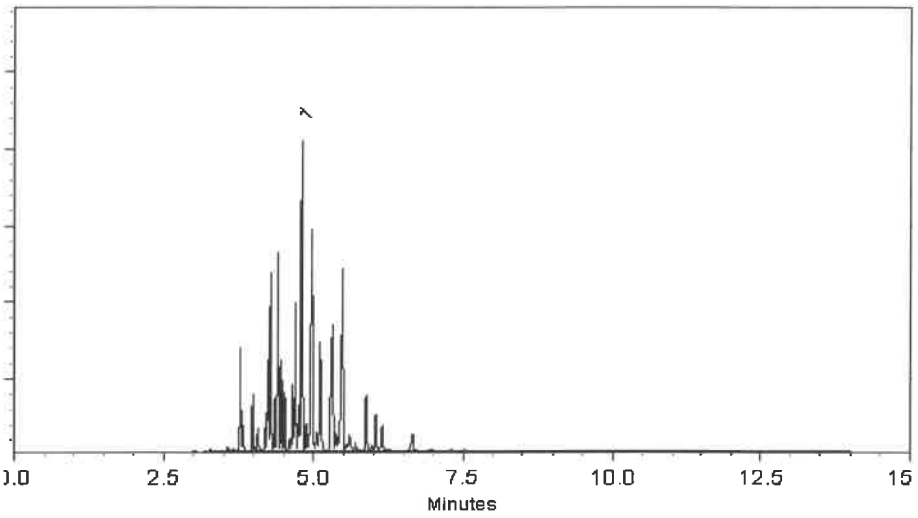
**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD

**Split Vent:**
300 ml/min.

**Inj. Vol**
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.

Michael Maye - Operations Tech I

**Date Mixed:** 02-Oct-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 07-Oct-2024

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

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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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.*

**Catalog No. :** 32008 **Lot No.:** A0219655

**Description :** Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** March 31, 2031 **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 1232 | 11141-16-5 | 15665-01 | ----% | 1,007.0 µg/mL | +/- 55.8810 |

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

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

P13878
↓
P13880

AJ
01/28/25

# Quality Confirmation Test

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

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

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

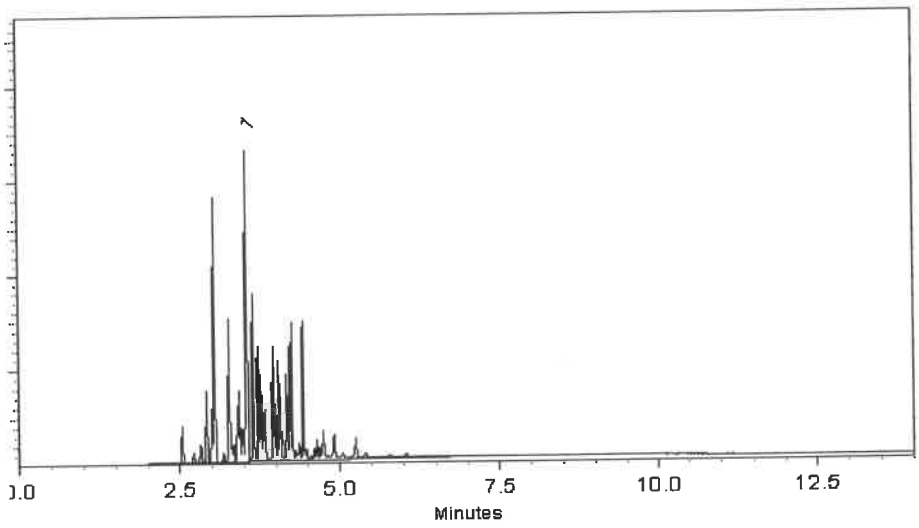
**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD

**Split Vent:**
10 ml/min.

**Inj. Vol**
1µl




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

Michael Maye - Operations Tech I

**Date Mixed:** 02-Dec-2024 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

**Date Passed:** 05-Dec-2024

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

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# 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. :** 32409 **Lot No.:** A0217041

**Description :** Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

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

**Expiration Date :** December 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 1262 | 37324-23-5 | 10849100 | ----% | 1,000.0 µg/mL | +/- 55.4925 |

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

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

P13881

AJ
01/28/25

# Quality Confirmation Test

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

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

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

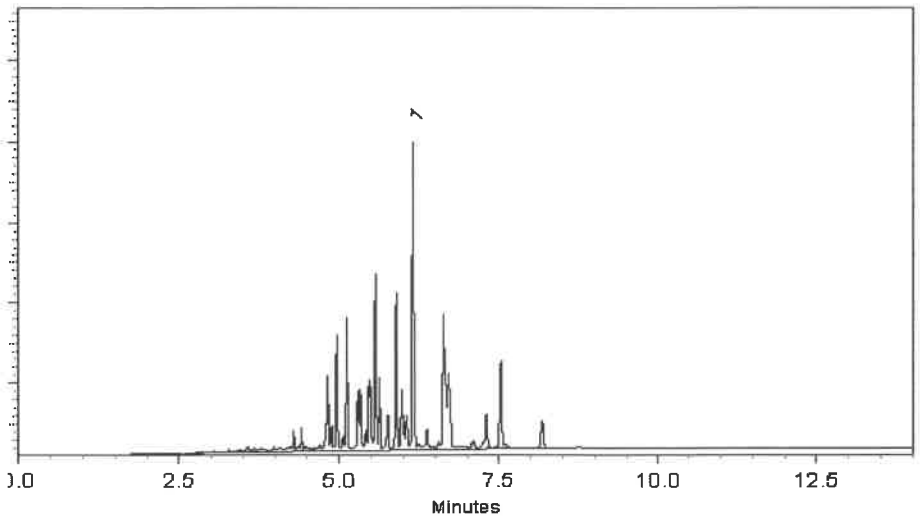
**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD

**Split Vent:**
300 ml/min.

**Inj. Vol**
0.2µl




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

Rebecca Gingerich - Operations Tech II

**Date Mixed:** 25-Sep-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 30-Sep-2024

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

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

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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.*

**Catalog No. :** 32410 **Lot No.:** A0217264

**Description :** Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

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

**Expiration Date :** January 31, 2031 **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 1268 | 11100-14-4 | 12353400 | ----% | 1,009.8 µg/mL | +/- 56.0364 |

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

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

P13884
↓
P13886

AJ
01/28/25

# 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.)

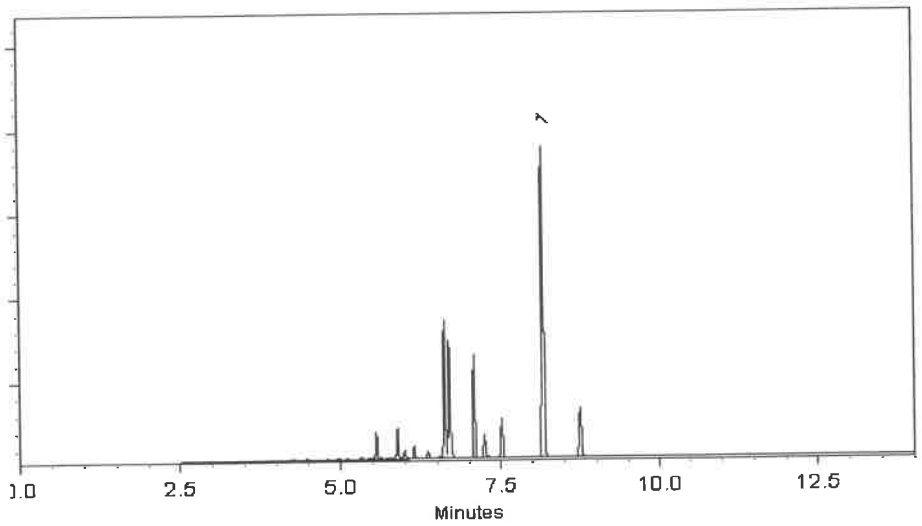
**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD

**Split Vent:**
Split ratio 500:1

**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.

Stacey Wanner - Operations Technician I

**Date Mixed:** 01-Oct-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 02-Oct-2024

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

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

avantor™ | J.T.Baker®

W3147

W3147 update. 02/03/2025 JP

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

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

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

avantor™ | J.T.Baker

W3234 JB
Update: 07/28/2025

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | 1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL) | <= 10 | 6 |
| ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL) | <= 5 | 5 |
| Assay (Total Saturated $C_6$ Isomers) (byGC, corrected for water) | >= 99.5 % | 100.0 % |
| Assay (as n-Hexane) (by GC, correctedfor water) | >= 95 % | 100 % |
| Color (APHA) | <= 10 | 10 |
| 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: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

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

# SHIPPING DOCUMENTS

Q3447

**USEPA**

DateShipped: 10/23/2025

CarrierName: Hand Deliver

AirbillNo: N/A

**CHAIN OF CUSTODY RECORD**

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

**No: 2-102325-0004-0037-1**

RFP #905

Lab: Alliance Technical Group, LLC - Non CLP

Lab Phone: 908-728-3144

| Lab # | Sample # | Location | CLP Sample # | Tag | Analyses | Matrix | Sample Date | Sample Time | Numb Cont | Container | Preservative | Lab QC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | P001-TW1-251023-01 | Waste | | A | TAL VOCs | | 10/23/2025 | 10:00 | 4 | 5 gram Encore/4 oz glass | 4 C | N |
| | P001-TW1-251023-01 | Waste | | B | TAL SVOCs | | 10/23/2025 | 10:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW1-251023-01 | Waste | | C | TAL PCBs | | 10/23/2025 | 10:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW1-251023-01 | Waste | | D | TAL Pesticides | | 10/23/2025 | 10:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW1-251023-01 | Waste | | E | TAL Metals + Hg + CN | | 10/23/2025 | 10:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW1-251023-01 | Waste | | F | TCLP VOC | | 10/23/2025 | 10:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW1-251023-01 | Waste | | G | TCLP SVOC, TCLP Pesticide | | 10/23/2025 | 10:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW1-251023-01 | Waste | | I | TCLP Metals + Hg | | 10/23/2025 | 10:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW1-251023-01 | Waste | | J | TCLP Herbicide | | 10/23/2025 | 10:00 | 1 | 8 oz glass | 4 C | N |

Special Instructions: POSSIBLE HIGH CONCENTRATIONS. Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

**SAMPLES TRANSFERRED FROM**

**CHAIN OF CUSTODY #**

| Items/Reason | Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Date/Time | Sample Condition Upon Receipt |
|---|---|---|---|---|---|
| All Samples All Analyses | Olga Kuzmitskene | 10/23/25 1330 | | 10/23/25 1330 | Ice Chest # 1 2.1 °C |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Q3447



**USEPA**

DateShipped: 10/23/2025

CarrierName: Hand Deliver

AirbillNo: N/A

**CHAIN OF CUSTODY RECORD**

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

**No: 2-102325-0004-0037-1**

RFP #905

Lab: Alliance Technical Group, LLC - Non CLP

Lab Phone: 908-728-3144

| Lab # | Sample # | Location | CLP Sample # | Tag | Analyses | Matrix | Sample Date | Sample Time | Numb Cont | Container | Preservative | Lab QC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | P001-TW2-251023-01 | Waste | | A | TAL VOCs | | 10/23/2025 | 10:30 | 4 | 5 gram Encore/4 oz glass | 4 C | N |
| | P001-TW2-251023-01 | Waste | | B | TAL SVOCs | | 10/23/2025 | 10:30 | 1 | 8 oz glass | 4 C | N |
| | P001-TW2-251023-01 | Waste | | C | TAL PCBs | | 10/23/2025 | 10:30 | 1 | 8 oz glass | 4 C | N |
| | P001-TW2-251023-01 | Waste | | D | TAL Pesticides | | 10/23/2025 | 10:30 | 1 | 8 oz glass | 4 C | N |
| | P001-TW2-251023-01 | Waste | | E | TAL Metals + Hg + CN | | 10/23/2025 | 10:30 | 1 | 8 oz glass | 4 C | N |
| | P001-TW2-251023-01 | Waste | | F | TCLP VOC | | 10/23/2025 | 10:30 | 1 | 8 oz glass | 4 C | N |
| | P001-TW2-251023-01 | Waste | | G | TCLP SVOC, TCLP Pesticide | | 10/23/2025 | 10:30 | 1 | 8 oz glass | 4 C | N |
| | P001-TW2-251023-01 | Waste | | I | TCLP Metals + Hg | | 10/23/2025 | 10:30 | 1 | 8 oz glass | 4 C | N |
| | P001-TW2-251023-01 | Waste | | J | TCLP Herbicide | | 10/23/2025 | 10:30 | 1 | 8 oz glass | 4 C | N |

Special Instructions: POSSIBLE HIGH CONCENTRATIONS. Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

**SAMPLES TRANSFERRED FROM**

**CHAIN OF CUSTODY #**

| Items/Reason | Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Date/Time | Sample Condition Upon Receipt |
|---|---|---|---|---|---|
| All Samples All Analyses | Olga Kuzmitskaya | 10/23/25 1330 | | 10/23/25 13:30 | If Cooler #1 2.1 °C |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Q3447

**USEPA**

DateShipped: 10/23/2025

CarrierName: Hand Deliver

AirbillNo: N/A

**CHAIN OF CUSTODY RECORD**

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

**No: 2-102325-0004-0037-1**

RFP #905

Lab: Alliance Technical Group, LLC - Non CLP

Lab Phone: 908-728-3144

| Lab # | Sample # | Location | CLP Sample # | Tag | Analyses | Matrix | Sample Date | Sample Time | Numb Cont | Container | Preservative | Lab QC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | P001-TW3-251023-01 | Waste | | A | TAL VOCs | | 10/23/2025 | 11:00 | 1 | 4 oz glass w/septum | 4 C | N |
| | P001-TW3-251023-01 | Waste | | B | TAL SVOCs | | 10/23/2025 | 11:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW3-251023-01 | Waste | | C | TAL PCBs | | 10/23/2025 | 11:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW3-251023-01 | Waste | | D | TAL Pesticides | | 10/23/2025 | 11:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW3-251023-01 | Waste | | E | TAL Metals + Hg + CN | | 10/23/2025 | 11:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW3-251023-01 | Waste | | F | TCLP VOC | | 10/23/2025 | 11:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW3-251023-01 | Waste | | G | TCLP SVOC, TCLP Pesticide | | 10/23/2025 | 11:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW3-251023-01 | Waste | | I | TCLP Metals + Hg | | 10/23/2025 | 11:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW3-251023-01 | Waste | | J | TCLP Herbicide | | 10/23/2025 | 11:00 | 1 | 8 oz glass | 4 C | N |
| | P001-TW4-251023-01 | Waste | | A | TAL VOCs | | 10/23/2025 | 11:30 | 1 | 4 oz glass w/septum | 4 C | N |

Special Instructions: POSSIBLE HIGH CONCENTRATIONS. Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

**SAMPLES TRANSFERRED FROM**

**CHAIN OF CUSTODY #**

| Items/Reason | Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Date/Time | Sample Condition Upon Receipt |
|---|---|---|---|---|---|
| All Samples All Analyses | Olga Kuzmitskaya | 10/23/25 1330 | | 1330 10/23/25 | Ice Cont 2.1 |
| | | | | | |
| | | | | | |
| | | | | | |

Q3447

**USEPA**

DateShipped: 10/23/2025

CarrierName: Hand Deliver

AirbillNo: N/A

**CHAIN OF CUSTODY RECORD**

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

**No: 2-102325-0004-0037-1**

RFP #905

Lab: Alliance Technical Group, LLC - Non CLP

Lab Phone: 908-728-3144

| Lab # | Sample # | Location | CLP Sample # | Tag | Analyses | Matrix | Sample Date | Sample Time | Numb Cont | Container | Preservative | Lab QC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | P001-TW4-251023-01 | Waste | | B | TAL SVOCs | | 10/23/2025 | 11:30 | 1 | 8 oz glass | 4 C | N |
| | P001-TW4-251023-01 | Waste | | C | TAL PCBs | | 10/23/2025 | 11:30 | 1 | 8 oz glass | 4 C | N |
| | P001-TW4-251023-01 | Waste | | D | TAL Pesticides | | 10/23/2025 | 11:30 | 1 | 8 oz glass | 4 C | N |
| | P001-TW4-251023-01 | Waste | | E | TAL Metals + Hg + CN | | 10/23/2025 | 11:30 | 1 | 8 oz glass | 4 C | N |
| | P001-TW4-251023-01 | Waste | | F | TCLP VOC | | 10/23/2025 | 11:30 | 1 | 8 oz glass | 4 C | N |
| | P001-TW4-251023-01 | Waste | | G | TCLP SVOC, TCLP Pesticide | | 10/23/2025 | 11:30 | 1 2 JDF 10-23-25 | 8 oz glass | 4 C | N |
| | P001-TW4-251023-01 | Waste | | I | TCLP Metals + Hg | | 10/23/2025 | 11:30 | 1 | 8 oz glass | 4 C | N |
| | P001-TW4-251023-01 | Waste | | J | TCLP Herbicide | | 10/23/2025 | 11:30 | 1 | 8 oz glass | 4 C | N |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | JDF | | | | | | | | | |
| | | | | | 10-23-2025 | | | | | | | |

Special Instructions: POSSIBLE HIGH CONCENTRATIONS. Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

**SAMPLES TRANSFERRED FROM**

**CHAIN OF CUSTODY #**

| Items/Reason | Relinquished by (Signature and Organization) | Date/Time | Received by (Signature and Organization) | Date/Time | Sample Condition Upon Receipt |
|---|---|---|---|---|---|
| All Samples All Analyses | Olga Kuzmitskaia | 10/23/25 1330 | | 1330 10/23/25 | IR Gun # 12.1° |
| | | | | | |
| | | | | | |

# Precautionary Measures Against Hidden Hazards in Laboratory Samples

## Notice to Laboratory Personnel

### Background

Under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or Superfund) of 1980, as amended, Section 311 of the Clean Water Act (CWA), as amended, by the Oil Pollution Act of 1990, Subtitle I of the Resource Conservation and Recovery Act (RCRA), an pursuant to the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) and Presidential Decision Document (PDD) #39, the Environmental Protection Agency (EPA) has been delegated the responsibility to undertake response actions with respect to, as a general matter, the release or threat of release of oil, petroleum products, hazardous substances, or pollutants and contaminants, that pose an actual or potential threat to human health or welfare, or to the environment. EPA is responsible for conducting evaluations and cleanups of uncontrolled hazardous substance disposal sites and placing those that are considered to pose a significant threat to the public health or the environment on the National Priorities List (NPL).

EPA's successful implementation of these emergency response action responsibilities requires that technical support capabilities be provided in the form of a contracted Superfund Technical Assessment & Response Team (START) for EPA. The WESTON START Contract 68HE0319D0004, provides this support to EPA Region II.

### Hazardous Communication

The Samples which accompany this notice were shipped to your laboratory for analysis in accordance with applicable D.O.T. or IATA Regulations and were collected by the WESTON START and tentatively designated by the field response team, as either environmental or hazardous material samples.

In general, *Environmental Samples* are collected from streams, farm ponds, small lakes, wells, and off-site soil locations that are not reasonably expected to be contaminated with hazardous materials. Samples of on-site soils or water, and materials collected from drums, bulk storage tanks, obviously contaminated ponds, impoundments, lagoons, pools, and leachates from hazardous waste sites are considered *Hazardous Samples*. Samples which are obtained from a known radioactive material contamination site or which demonstrate beta or gamma activity greater than three times average background as scanned with a radiation survey meter are considered *Radioactive Samples.*

The samples which accompany this notice were tentatively classified by the field response team as:
_____Environmental __X__Hazardous _____Comb (Envir. & Haz) _____Radioactive

The field team which collected the samples used the following Level(s) of personal protection as designated by EPA and OSHA conventions to provide protection against possible radiological or chemical exposure:

____Level A ____Level B ____Level C __X__Level D

*This information is intended for use as a guide for the safe handling of these laboratory samples in accordance with EPA and OSHA regulations. The Sample classification(s) and Levels of personal protection used by the WESTON START are not represented to be, nor are they adequate or applicable in all situations, nor are they intended to serve as substitutes for professional/personal judgement.*

*Laboratory Name:* Alliance *RFP No.* 905

*Prepared by:* Josh Frizzell *Date* 10-23-2025

WESTON Office: Region II START, Edison, New Jersey; Phone: 732-585-4400

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# Laboratory Certification

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

QA Control Code: A2070148

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

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q3447 ROYF02
**Client Name :** Weston Solutions, Inc.
**Client Contact :** Smita Sumbaly
**Invoice Name :** Weston Solutions, Inc.
**Invoice Contact :** Smita Sumbaly

**Order Date :** 10/23/2025 1:50:00 PM
**Project Name :** RFP 905
**Receive DateTime :** 10/23/2025 1:30:00 PM
**Purchase Order :**

**Project Mgr :**
**Report Type :** Level 4
**EDD Type :** EXCEL NOCLEANUP
**Hard Copy Date :**
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|
| Q3447-01 | P001-TW1-251023-01 | Solid | 10/23/2025 | 10:00 | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |
| Q3447-03 | P001-TW2-251023-01 | Solid | 10/23/2025 | 10:30 ~~10:00~~ | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |
| Q3447-05 | P001-TW3-251023-01 | Solid | 10/23/2025 | 11:00 ~~10:00~~ | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |
| Q3447-07 | P001-TW4-251023-01 | Solid | 10/23/2025 | 11:30 ~~10:00~~ | VOC-TCLVOA-10 | | 8260D | | 10 Bus. Days |

**Relinguished By :** _____
**Date / Time :** 10/23/25 1437

**Received By :** _____
**Date / Time :** 10/23/25 1437
**Storage Area :** **VOA Refridgerator Room**