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

# DATA PACKAGE

## GC SEMI-VOLATILES

**PROJECT NAME : NWIRP BETHPAGE 112G08005-WE13**

**TETRA TECH NUS, INC.**

**661 Andersen Drive**

**Suite 200**

**Pittsburgh, PA - 15220-2745**

**Phone No: 412-921-7090**

**ORDER ID : Q3017**

**ATTENTION : Ernie Wu**

**Laboratory Certification ID # 20012**

Table Of Contents for Q3017


1) PCB Data 2

2) Signature Page 4

3) Case Narrative 5

4) Qualifier Page 7

5) Conformance/Non Conformance 8

6) QA Checklist 10

7) Chronicle 11

8) Hit Summary 12

9) QC Data Summary For PCB 13

- 9.1) Deuterated Monitoring Compound Summary 14
- 9.2) LCS/LCSD Summary 16
- 9.3) Method Blank Summary 18

10) Sample Data 19

- 10.1) TT-076-IDWGW-20250903 20
- 10.2) TT-077-IDWGW-20250903 24
- 10.3) TT-078-IDWGW-20250903 28
- 10.4) TT-079-IDWGW-20250903 32

11) Calibration Data Summary 36

- 11.1) Initial Calibration Data 37
  - 11.1.1) PO081825 37
  - 11.1.2) PP081925 256
- 11.2) Continued Calibration Data 475
  - 11.2.1) PO113478.D 475
  - 11.2.2) PO113488.D 487
  - 11.2.3) PP074886.D 499
  - 11.2.4) PP074897.D 511
- 11.3) Analytical Seq 523

12) Compound Detection Summary 527

13) QC Sample Data 529

- 13.1) Method Blank Data 530
- 13.2) PIBLK Data 534
- 13.3) LCS Data 558
- 13.4) LCSD Data 567

14) Manual Integration 576

15) Analytical Runlogs 585

16) Extraction Logs 606
16.1) PB169547.pdf 606
16.2) PB169547IC.pdf 608
17) Standard Prep Logs 610
18) Shipping Document 708
18.1) Chain Of Custody 709
18.2) Lab Certificate 710
18.3) Internal COC 711
19) Not Reviewed Data 712

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# Cover Page

**Order ID :** Q3017

**Project ID :** NWIRP Bethpage 112G08005-WE13

**Client :** Tetra Tech NUS, Inc.

| Lab Sample Number | Client Sample Number |
|---|---|
| Q3017-01 | BP-TB-20250903 |
| Q3017-02 | TT-076-IDWGW-20250903 |
| Q3017-03 | TT-077-IDWGW-20250903 |
| Q3017-04 | TT-078-IDWGW-20250903 |
| Q3017-05 | TT-079-IDWGW-20250903 |

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

Signature : _____

Date: 9/8/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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# CASE NARRATIVE

**Tetra Tech NUS, Inc.**
**Project Name: NWIRP Bethpage 112G08005-WE13**
**Project Manager: Ernie Wu**
**Order ID # Q3017**
**Test Name: PCB**

**A. Number of Samples and Date of Receipt:**
4 Water samples were received on 09/04/2025.

**B. Parameters**
According to the Chain of Custody document, the following analyses were requested: PCB. This data package contains results for PCB.

**C. Analytical Techniques:**
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3510.

**D. QA/ QC Samples:**
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

**E. Additional Comments:**
The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."
The not QT review data is reported in the Miscellaneous.

**F. Manual Integration Comments:**
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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# 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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# GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3017 MATRIX: Water

METHOD: 8082A/3510

| | | NA | NO | YES |
|---|---|---|---|---|
| 1. | Chromatograms Labeled/Compounds Identified. | | | ✓ |
| 2. | Standard Summary Submitted. | | | ✓ |
| 3. | Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD.<br><br>The Initial Calibration met the requirements.<br><br>The Continuous Calibration met the requirements. | | | ✓ |
| 4. | Blank Contamination - If yes, list compounds and concentrations in each blank: | | ✓ | |
| 5. | Surrogate Recoveries Meet Criteria<br><br>If not met, list those compounds and their recoveries which fall outside the acceptable ranges.<br><br>The Surrogate recoveries were met for all analysis. | | ✓ | |
| 6. | Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria<br><br>If not met, list those compounds and their recoveries which fall outside the acceptable range.<br><br>The Blank Spike met requirements for all compounds.<br><br>The Blank Spike Duplicate met requirements for all compounds.<br><br>The RPD were met for all analysis. | | | ✓ |
| 7. | Retention Time Shift Meet Criteria (if applicable)<br><br>Comments: | | | ✓ |
| 8. | Extraction Holding Time Met<br><br>If not met, list number of days exceeded for each sample: | | | ✓ |

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## GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

| | | NA | NO | YES |
|---|---|---|---|---|
| 9. | Analysis Holding Time Met | | | ✓ |
| | If not met, list those compounds and their recoveries which fall outside the acceptable range. | | | |

ADDITIONAL COMMENTS:

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

The not QT review data is reported in the Miscellaneous.

_____ _____

QA REVIEW Date

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## APPENDIX A

## QA REVIEW GENERAL DOCUMENTATION

**Project #:** Q3017

| | 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:** SOHIL JODHANI **Date:** 09/08/2025

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q3017 | **OrderDate:** | 9/4/2025 10:17:00 AM |
| **Client:** | Tetra Tech NUS, Inc. | **Project:** | NWIRP Bethpage 112G08005-WE13 |
| **Contact:** | Ernie Wu | **Location:** | J12,VOA Lab |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q3017-02** | **TT-076-IDWGW-2025 0903** | **WATER** | | | **09/03/25** | | | **09/04/25** |
| | | | PCB | 8082A | | 09/04/25 | 09/05/25 | |
| **Q3017-03** | **TT-077-IDWGW-2025 0903** | **WATER** | | | **09/03/25** | | | **09/04/25** |
| | | | PCB | 8082A | | 09/04/25 | 09/05/25 | |
| **Q3017-04** | **TT-078-IDWGW-2025 0903** | **WATER** | | | **09/03/25** | | | **09/04/25** |
| | | | PCB | 8082A | | 09/04/25 | 09/05/25 | |
| **Q3017-05** | **TT-079-IDWGW-2025 0903** | **WATER** | | | **09/03/25** | | | **09/04/25** |
| | | | PCB | 8082A | | 09/04/25 | 09/05/25 | |

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# Hit Summary Sheet
## SW-846

**SDG No.:** Q3017 **Order ID:** Q3017

**Client:** Tetra Tech NUS, Inc. **Project ID:** NWIRP Bethpage 112G08005-WE13

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

**Client ID :**

**Total Concentration:** **0.000**

# QC SUMMARY

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## Surrogate Summary

**SDG No.:** Q3017

**Client:** Tetra Tech NUS, Inc.

**Analytical Method:** 8082A

| Lab Sample ID | Client ID | Parameter | Column | Spike | Result | Recovery(%) | Qual | Limits(%) Low | Limits(%) High |
|---|---|---|---|---|---|---|---|---|---|
| I.BLK-PO113002.D | PIBLK-PO113002.D | Tetrachloro-m-xyl | 1 | 20 | 16.6 | 83 | | 60 | 140 |
| | | Decachlorobiphen | 1 | 20 | 17.2 | 86 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 16.9 | 84 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 18.1 | 91 | | 60 | 140 |
| I.BLK-PO113482.D | PIBLK-PO113482.D | Tetrachloro-m-xyl | 1 | 20 | 18.8 | 94 | | 60 | 140 |
| | | Decachlorobiphen | 1 | 20 | 17.8 | 89 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 18.2 | 91 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 19.4 | 97 | | 60 | 140 |
| PB169547BL | PB169547BL | Tetrachloro-m-xyl | 1 | 20 | 20.4 | 102 | | 35 | 137 |
| | | Decachlorobiphen | 1 | 20 | 18.9 | 95 | | 40 | 135 |
| | | Tetrachloro-m-xyl | 2 | 20 | 19.5 | 97 | | 35 | 137 |
| | | Decachlorobiphen | 2 | 20 | 20.6 | 103 | | 40 | 135 |
| PB169547BS | PB169547BS | Tetrachloro-m-xyl | 1 | 20 | 20.2 | 101 | | 35 | 137 |
| | | Decachlorobiphen | 1 | 20 | 19.4 | 97 | | 40 | 135 |
| | | Tetrachloro-m-xyl | 2 | 20 | 19.2 | 96 | | 35 | 137 |
| | | Decachlorobiphen | 2 | 20 | 21.3 | 106 | | 40 | 135 |
| PB169547BSD | PB169547BSD | Tetrachloro-m-xyl | 1 | 20 | 19.6 | 98 | | 35 | 137 |
| | | Decachlorobiphen | 1 | 20 | 18.8 | 94 | | 40 | 135 |
| | | Tetrachloro-m-xyl | 2 | 20 | 18.6 | 93 | | 35 | 137 |
| | | Decachlorobiphen | 2 | 20 | 20.5 | 102 | | 40 | 135 |
| I.BLK-PO113492.D | PIBLK-PO113492.D | Tetrachloro-m-xyl | 1 | 20 | 19.6 | 98 | | 60 | 140 |
| | | Decachlorobiphen | 1 | 20 | 18.9 | 94 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 18.6 | 93 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 20.2 | 101 | | 60 | 140 |
| I.BLK-PP074490.D | PIBLK-PP074490.D | Tetrachloro-m-xyl | 1 | 20 | 17.8 | 89 | | 60 | 140 |
| | | Decachlorobiphen | 1 | 20 | 18.2 | 91 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 15.7 | 78 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 16.9 | 85 | | 60 | 140 |
| I.BLK-PP074887.D | PIBLK-PP074887.D | Tetrachloro-m-xyl | 1 | 20 | 18.0 | 90 | | 60 | 140 |
| | | Decachlorobiphen | 1 | 20 | 17.6 | 88 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 16.6 | 83 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 14.3 | 72 | | 60 | 140 |
| Q3017-02 | TT-076-IDWGW-20250903 | Tetrachloro-m-xyl | 1 | 20 | 20.8 | 104 | | 35 | 137 |
| | | Decachlorobiphen | 1 | 20 | 19.3 | 97 | | 40 | 135 |
| | | Tetrachloro-m-xyl | 2 | 20 | 20.8 | 104 | | 35 | 137 |
| | | Decachlorobiphen | 2 | 20 | 15.9 | 80 | | 40 | 135 |
| Q3017-03 | TT-077-IDWGW-20250903 | Tetrachloro-m-xyl | 1 | 20 | 18.6 | 93 | | 35 | 137 |
| | | Decachlorobiphen | 1 | 20 | 20.2 | 101 | | 40 | 135 |
| | | Tetrachloro-m-xyl | 2 | 20 | 18.3 | 91 | | 35 | 137 |
| | | Decachlorobiphen | 2 | 20 | 16.9 | 84 | | 40 | 135 |
| Q3017-04 | TT-078-IDWGW-20250903 | Tetrachloro-m-xyl | 1 | 20 | 20.3 | 102 | | 35 | 137 |

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## Surrogate Summary

**SDG No.:** Q3017

**Client:** Tetra Tech NUS, Inc.

**Analytical Method:** 8082A

| Lab Sample ID | Client ID | Parameter | Column | Spike | Result | Recovery(%) | Qual | Limits(%) Low | Limits(%) High |
|---|---|---|---|---|---|---|---|---|---|
| Q3017-04 | TT-078-IDWGW-20250903 | Decachlorobiphen | 1 | 20 | 18.2 | 91 | | 40 | 135 |
| | | Tetrachloro-m-xyl | 2 | 20 | 21.4 | 107 | | 35 | 137 |
| | | Decachlorobiphen | 2 | 20 | 14.7 | 73 | | 40 | 135 |
| Q3017-05 | TT-079-IDWGW-20250903 | Tetrachloro-m-xyl | 1 | 20 | 21.0 | 105 | | 35 | 137 |
| | | Decachlorobiphen | 1 | 20 | 20.5 | 103 | | 40 | 135 |
| | | Tetrachloro-m-xyl | 2 | 20 | 24.9 | 124 | | 35 | 137 |
| | | Decachlorobiphen | 2 | 20 | 17.2 | 86 | | 40 | 135 |
| I.BLK-PP074898.D | PIBLK-PP074898.D | Tetrachloro-m-xyl | 1 | 20 | 17.7 | 88 | | 60 | 140 |
| | | Decachlorobiphen | 1 | 20 | 17.2 | 86 | | 60 | 140 |
| | | Tetrachloro-m-xyl | 2 | 20 | 15.6 | 78 | | 60 | 140 |
| | | Decachlorobiphen | 2 | 20 | 13.9 | 70 | | 60 | 140 |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q3017 **Analytical Method:** 8082A

**Client:** Tetra Tech NUS, Inc. **Datafile :** PO113484.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB169547BS (Column 1) | AR1016 | 5 | 4.70 | ug/L | 94 | | | | 46 | 129 | |
| | AR1260 | 5 | 4.50 | ug/L | 90 | | | | 45 | 134 | |
| PB169547BS (Column 2) | AR1016 | 5 | 4.40 | ug/L | 88 | | | | 46 | 129 | |
| | AR1260 | 5 | 3.90 | ug/L | 78 | | | | 45 | 134 | |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q3017 **Analytical Method:** 8082A

**Client:** Tetra Tech NUS, Inc. **Datafile :** PO113485.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB169547BSD (Column 1) | AR1016 | 5 | 4.70 | ug/L | 94 | 0 | | | 46 | 129 | 20 |
| | AR1260 | 5 | 4.30 | ug/L | 86 | 5 | | | 45 | 134 | 20 |
| PB169547BSD (Column 2) | AR1016 | 5 | 4.30 | ug/L | 86 | 2 | | | 46 | 129 | 20 |
| | AR1260 | 5 | 3.80 | ug/L | 76 | 3 | | | 45 | 134 | 20 |

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169547BL

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q3017

Lab Sample ID: PB169547BL | Lab File ID: PO113483.D

Matrix: (soil/water) WATER | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 09/04/2025

Date Analyzed (1): 09/04/2025 | Date Analyzed (2): 09/04/2025

Time Analyzed (1): 20:56 | Time Analyzed (2): 20:56

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

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|---|
| PB169547BS | PB169547BS | PO113484.D | 09/04/2025 | 09/04/2025 |
| PB169547BSD | PB169547BSD | PO113485.D | 09/04/2025 | 09/04/2025 |
| TT-076-IDWGW-20250903 | Q3017-02 | PP074893.D | 09/05/2025 | 09/05/2025 |
| TT-077-IDWGW-20250903 | Q3017-03 | PP074894.D | 09/05/2025 | 09/05/2025 |
| TT-078-IDWGW-20250903 | Q3017-04 | PP074895.D | 09/05/2025 | 09/05/2025 |
| TT-079-IDWGW-20250903 | Q3017-05 | PP074896.D | 09/05/2025 | 09/05/2025 |

COMMENTS:

# SAMPLE DATA

Alliance TECHNICAL GROUP
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Tetra Tech NUS, Inc. | Date Collected: | 09/03/25 |
| Project: | NWIRP Bethpage 112G08005-WE13 | Date Received: | 09/04/25 |
| Client Sample ID: | TT-076-IDWGW-20250903 | SDG No.: | Q3017 |
| Lab Sample ID: | Q3017-02 | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP074893.D | 1 | 09/04/25 11:05 | 09/05/25 11:30 | PB169547 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.25 | U | 0.097 | 0.25 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.40 | U | 0.13 | 0.40 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.25 | U | 0.096 | 0.25 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.25 | U | 0.12 | 0.25 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.25 | U | 0.071 | 0.25 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.25 | U | 0.094 | 0.25 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.40 | U | 0.14 | 0.40 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.25 | U | 0.11 | 0.25 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.25 | U | 0.081 | 0.25 | 0.50 | ug/L |
| **SURROGATES** | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 20.8 | | 35 - 137 | | 104% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 19.3 | | 40 - 135 | | 97% | SPK: 20 |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:30
Operator : YP\AJ
Sample : Q3017-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:35:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.657 | 3.794 | 25428079 | 100.6E6 | 20.780 | 20.798m |
| 2) | SA Decachlor... | 10.433 | 8.805 | 19090789 | 119.6E6 | 19.332 | 15.949 |
| | Target Compounds | | | | | | |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:30
Operator : YP\AJ
Sample : Q3017-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

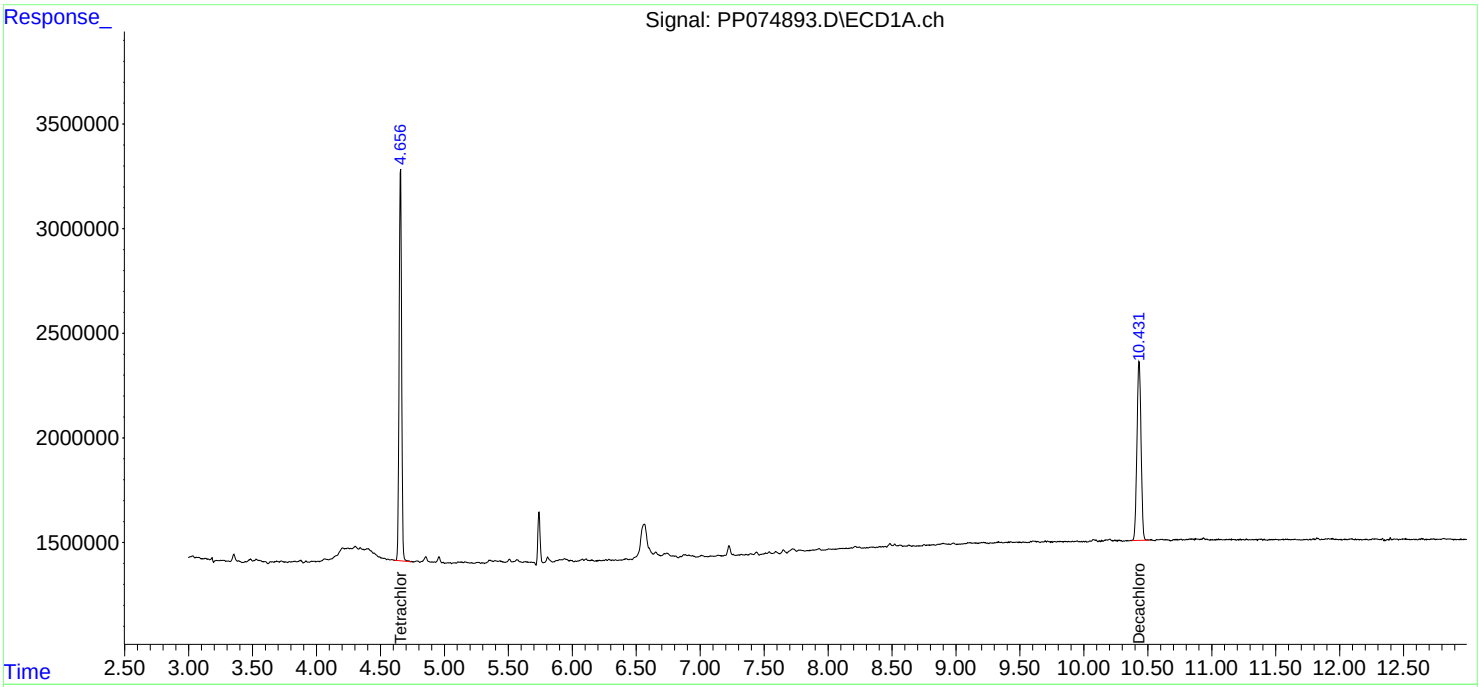
**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903

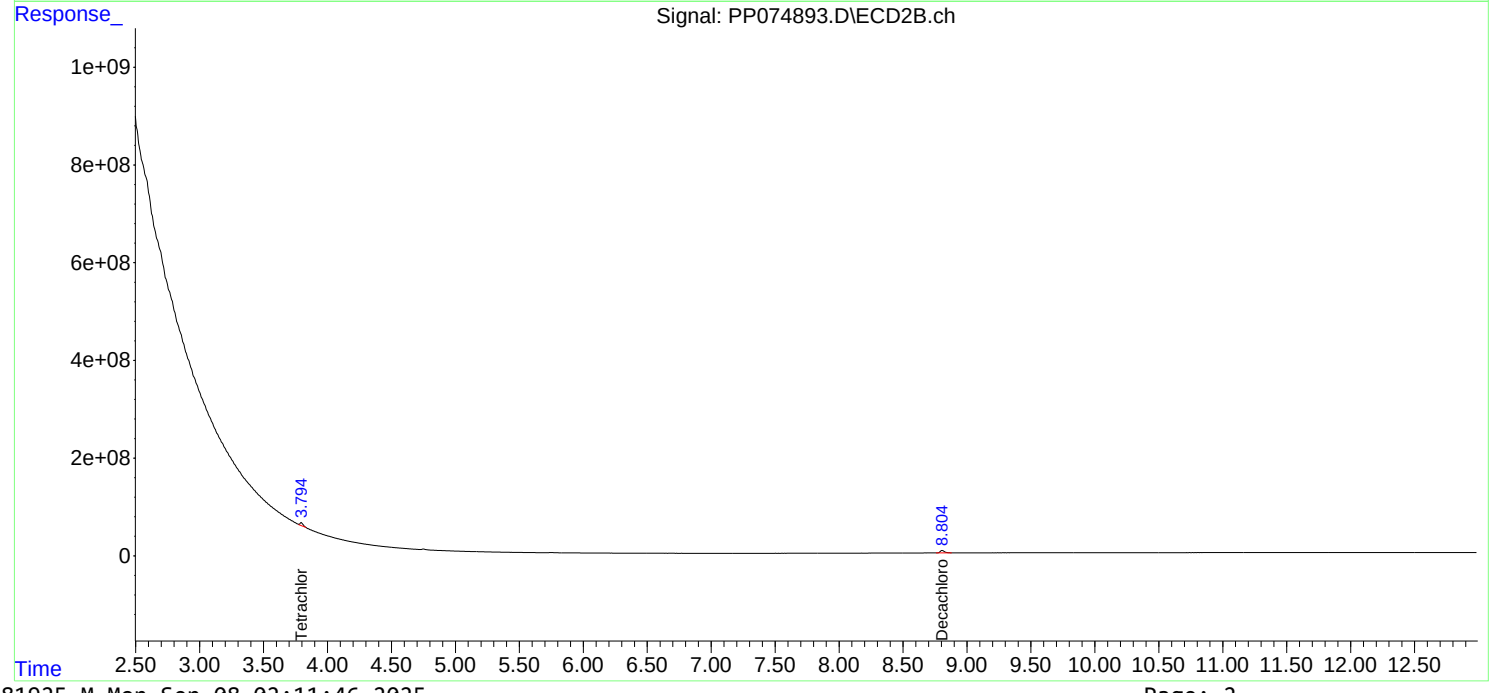
**Manual Integrations APPROVED**

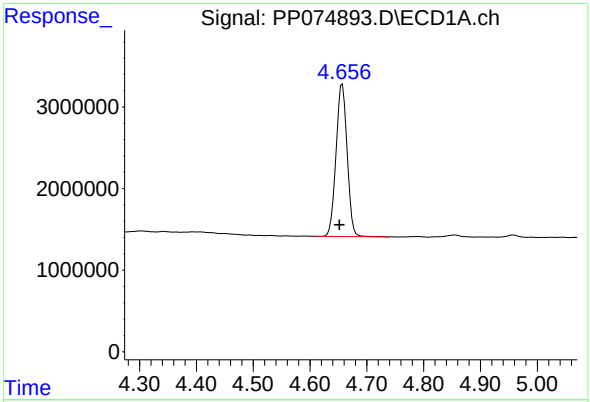
Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:35:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





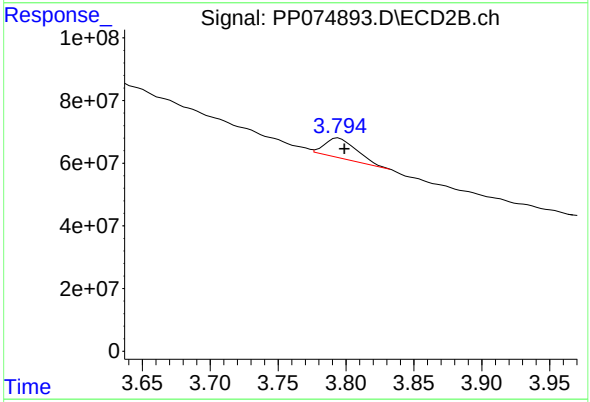

#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.005 min
Response: 25428079
Conc: 20.78 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903

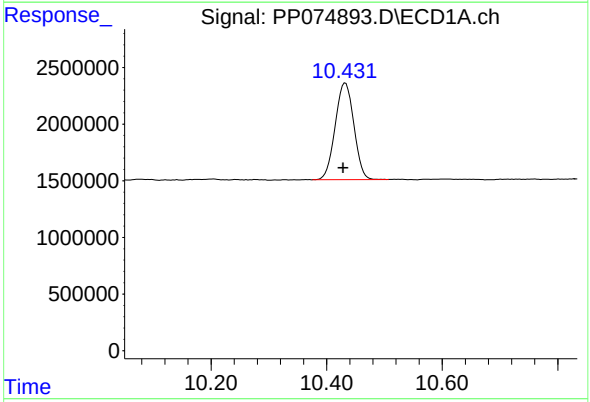
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



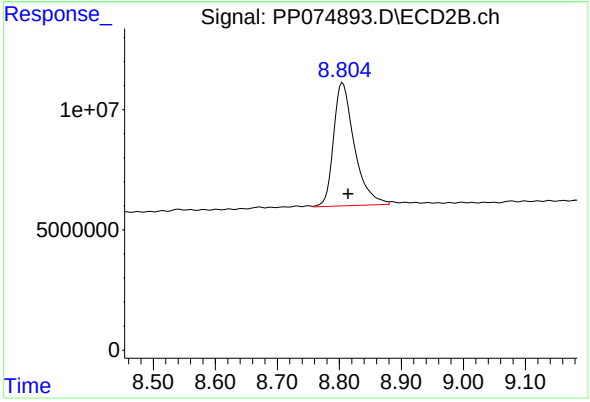

#1 Tetrachloro-m-xylene

R.T.: 3.794 min
Delta R.T.: -0.005 min
Response: 100568153
Conc: 20.80 ng/ml m




#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.004 min
Response: 19090789
Conc: 19.33 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.805 min
Delta R.T.: -0.008 min
Response: 119607939
Conc: 15.95 ng/ml

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Tetra Tech NUS, Inc. | Date Collected: | 09/03/25 |
| Project: | NWIRP Bethpage 112G08005-WE13 | Date Received: | 09/04/25 |
| Client Sample ID: | TT-077-IDWGW-20250903 | SDG No.: | Q3017 |
| Lab Sample ID: | Q3017-03 | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP074894.D | 1 | 09/04/25 11:05 | 09/05/25 11:46 | PB169547 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.25 | U | 0.097 | 0.25 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.40 | U | 0.13 | 0.40 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.25 | U | 0.096 | 0.25 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.25 | U | 0.12 | 0.25 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.25 | U | 0.071 | 0.25 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.25 | U | 0.094 | 0.25 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.40 | U | 0.14 | 0.40 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.25 | U | 0.11 | 0.25 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.25 | U | 0.081 | 0.25 | 0.50 | ug/L |
| **SURROGATES** | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 18.6 | | 35 - 137 | | 93% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 20.2 | | 40 - 135 | | 101% | SPK: 20 |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:46
Operator : YP\AJ
Sample : Q3017-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.661 | 3.797 | 22746916 | 88292093 | 18.589 | 18.259m |
| 2) | SA Decachlor... | 10.437 | 8.810 | 19955169 | 126.6E6 | 20.208 | 16.877 |
| | Target Compounds | | | | | | |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:46
Operator : YP\AJ
Sample : Q3017-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

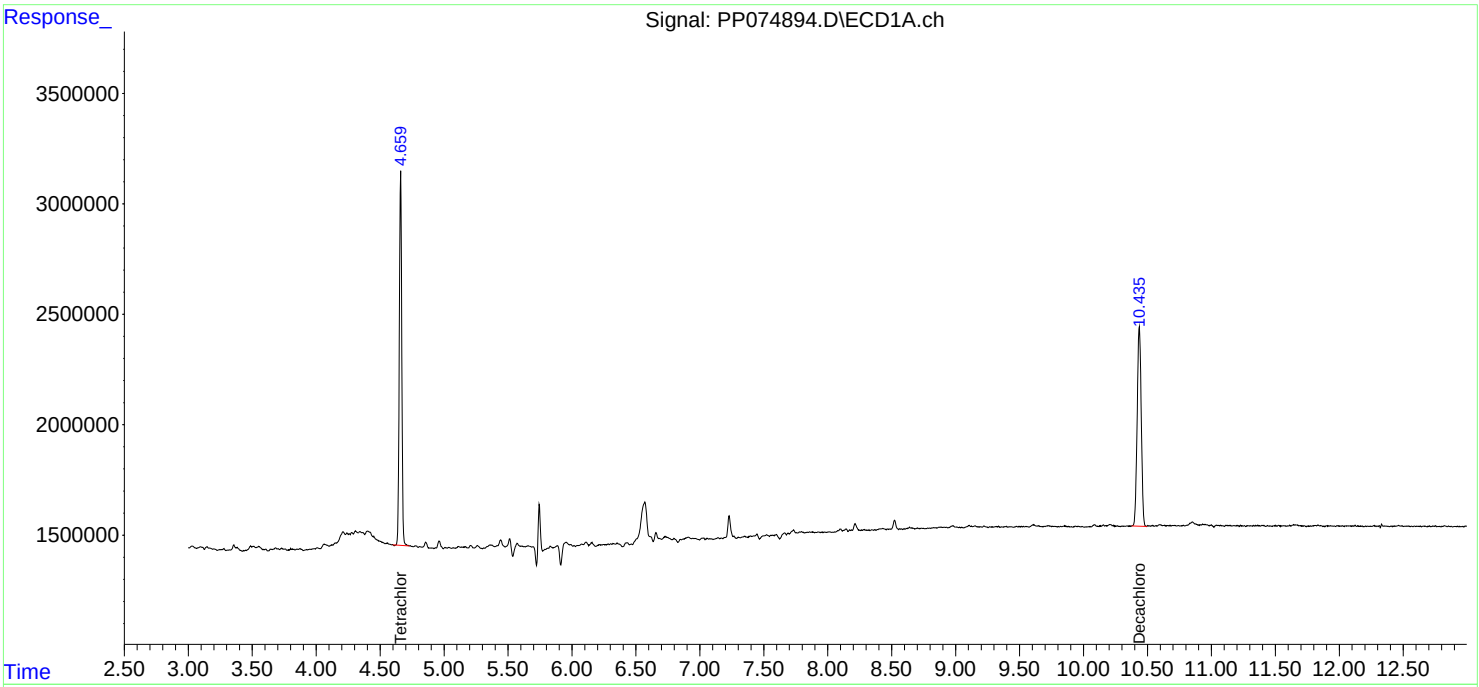
**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903

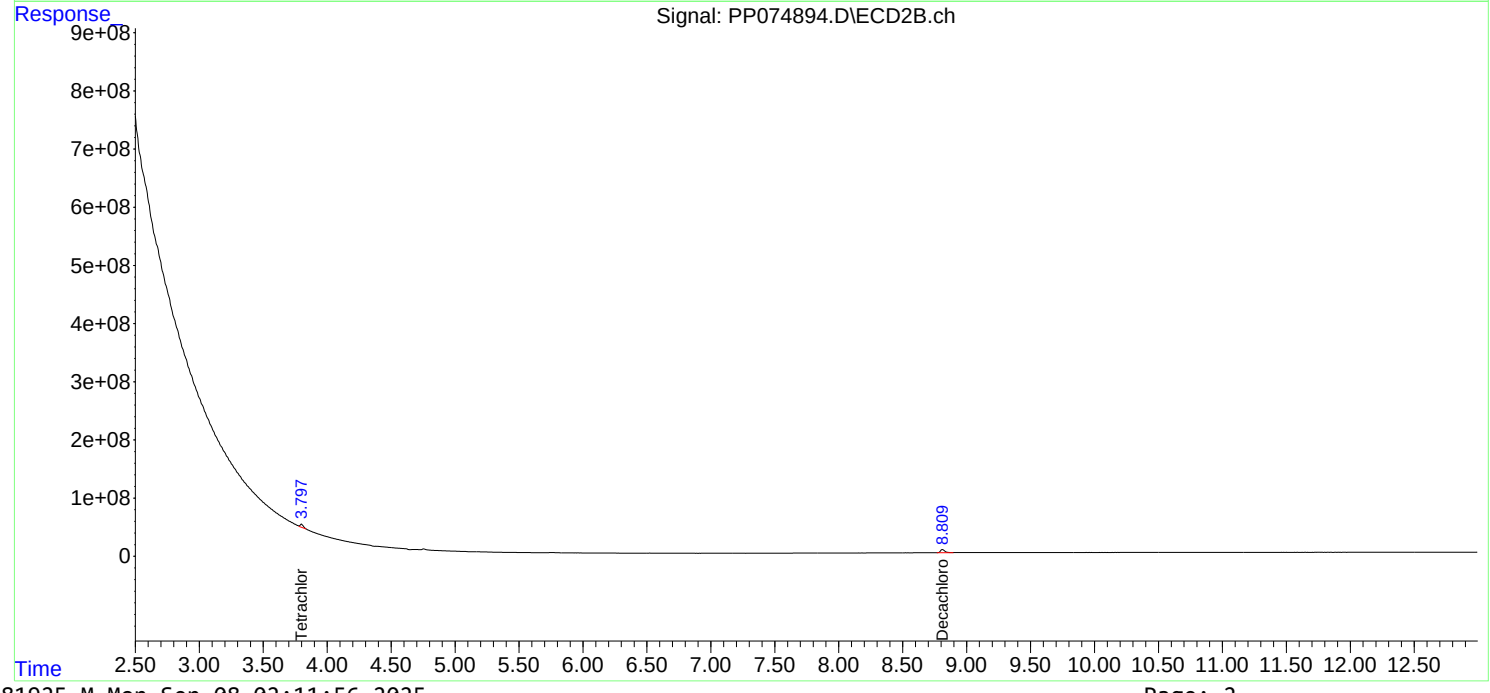
**Manual Integrations APPROVED**

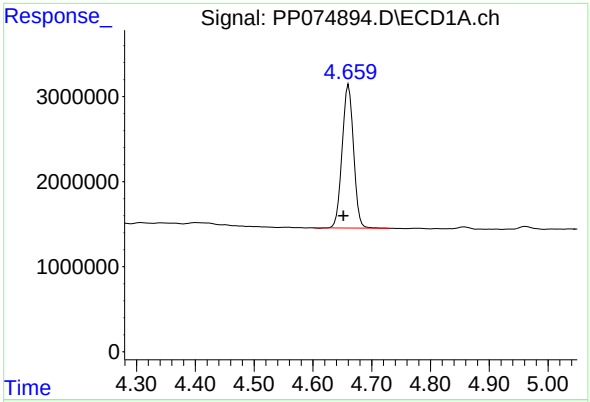
Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





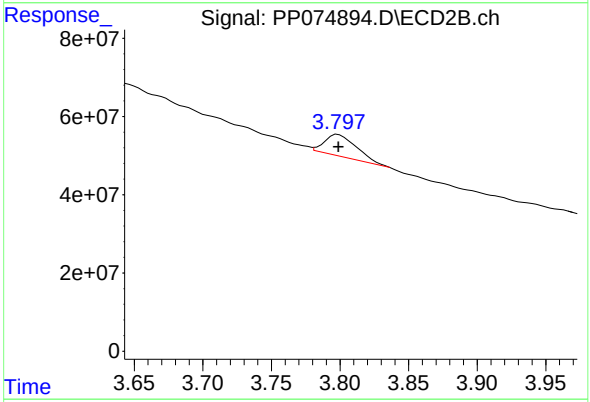

#1 Tetrachloro-m-xylene

R.T.: 4.661 min
Delta R.T.: 0.009 min
Response: 22746916
Conc: 18.59 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903

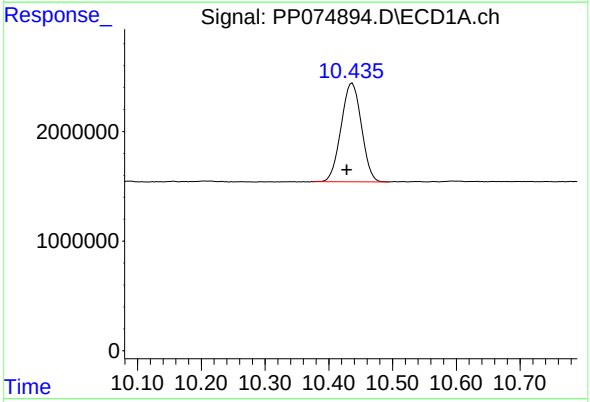
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



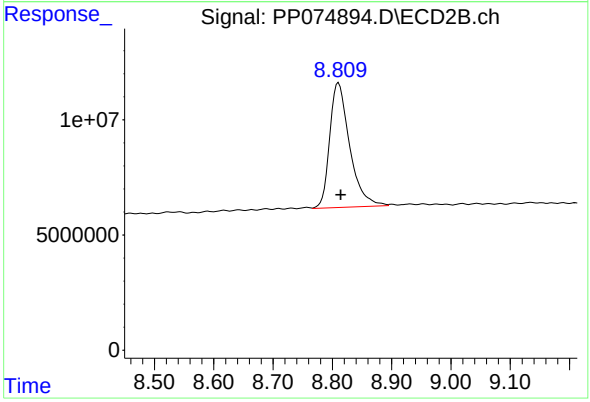

#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: -0.002 min
Response: 88292093
Conc: 18.26 ng/ml m




#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.008 min
Response: 19955169
Conc: 20.21 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.810 min
Delta R.T.: -0.003 min
Response: 126561882
Conc: 16.88 ng/ml

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Tetra Tech NUS, Inc. | Date Collected: | 09/03/25 |
| Project: | NWIRP Bethpage 112G08005-WE13 | Date Received: | 09/04/25 |
| Client Sample ID: | TT-078-IDWGW-20250903 | SDG No.: | Q3017 |
| Lab Sample ID: | Q3017-04 | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP074895.D | 1 | 09/04/25 11:05 | 09/05/25 12:02 | PB169547 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.25 | U | 0.097 | 0.25 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.40 | U | 0.13 | 0.40 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.25 | U | 0.096 | 0.25 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.25 | U | 0.12 | 0.25 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.25 | U | 0.071 | 0.25 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.25 | U | 0.094 | 0.25 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.40 | U | 0.14 | 0.40 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.25 | U | 0.11 | 0.25 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.25 | U | 0.081 | 0.25 | 0.50 | ug/L |
| **SURROGATES** | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 21.4 | | 35 - 137 | | 107% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 18.2 | | 40 - 135 | | 91% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:02
Operator : YP\AJ
Sample : Q3017-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.659 | 3.798 | 24859219 | 103.7E6 | 20.315 | 21.452m |
| 2) | SA Decachlor... | 10.435 | 8.808 | 17969567 | 110.1E6 | 18.197 | 14.684 |
| | Target Compounds | | | | | | |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:02
Operator : YP\AJ
Sample : Q3017-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

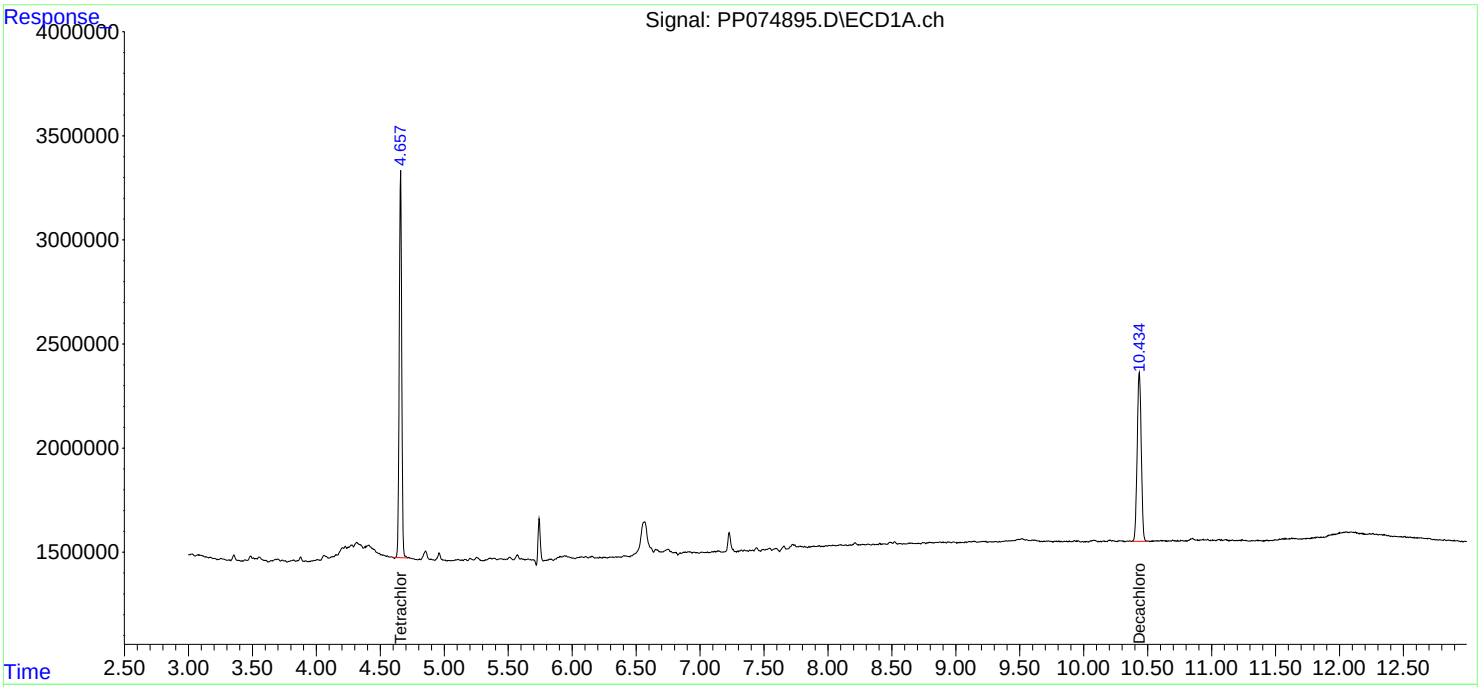
**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903

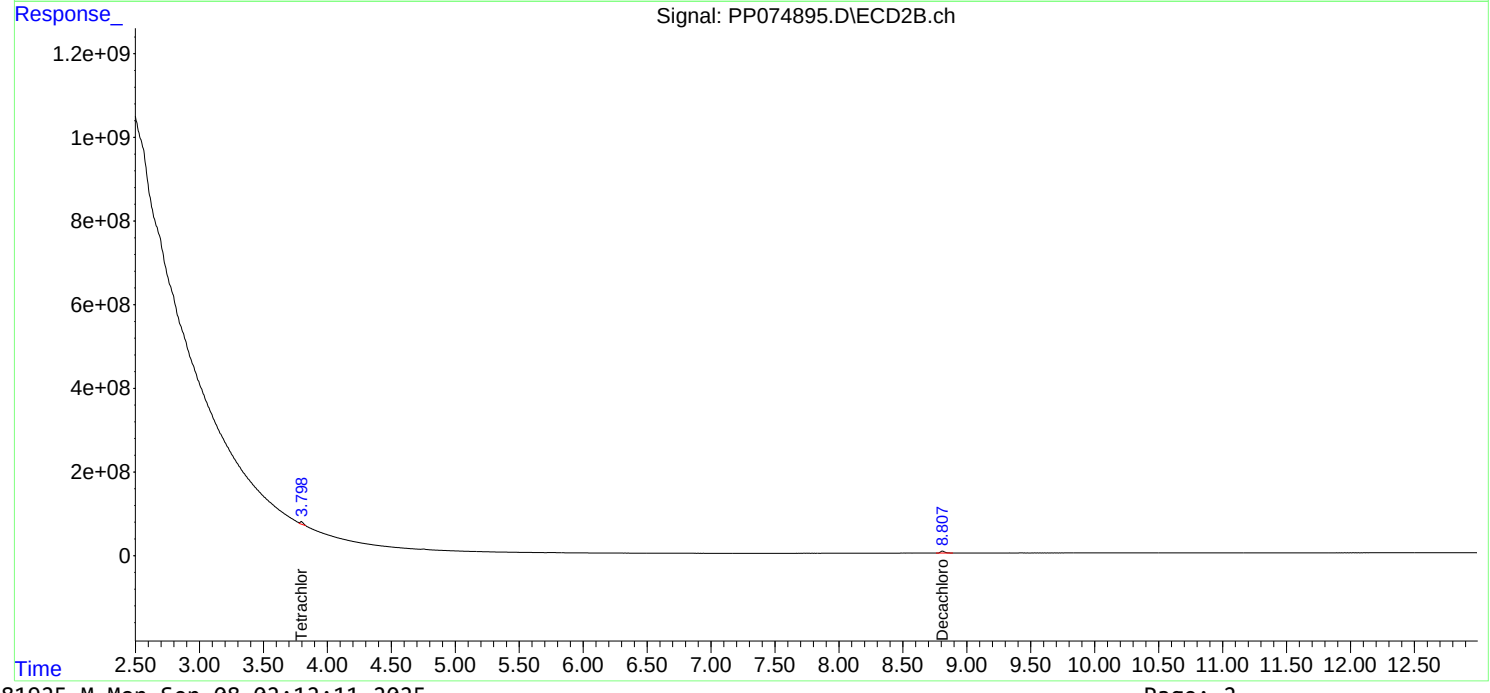
**Manual Integrations APPROVED**

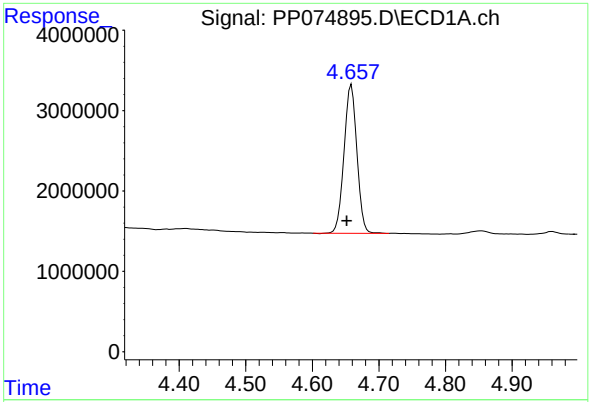
Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





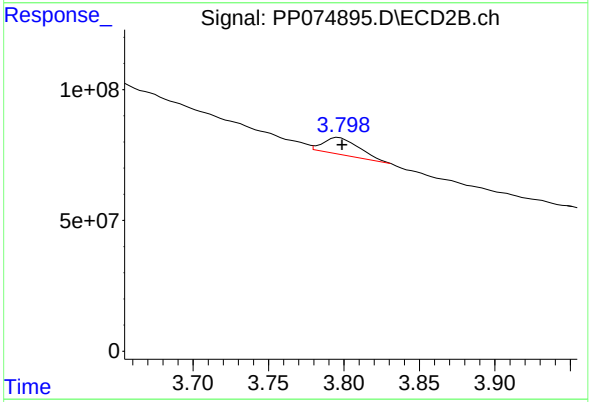

#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.007 min
Response: 24859219
Conc: 20.31 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903

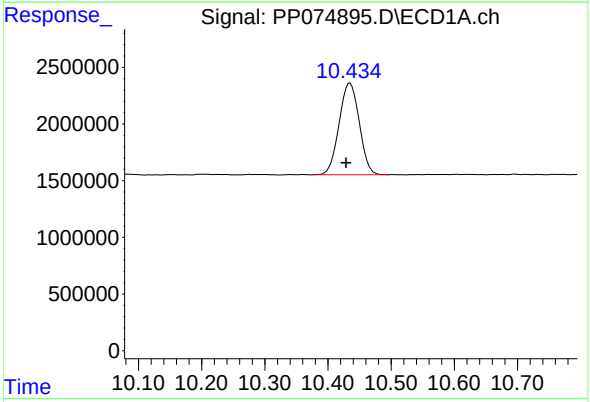
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



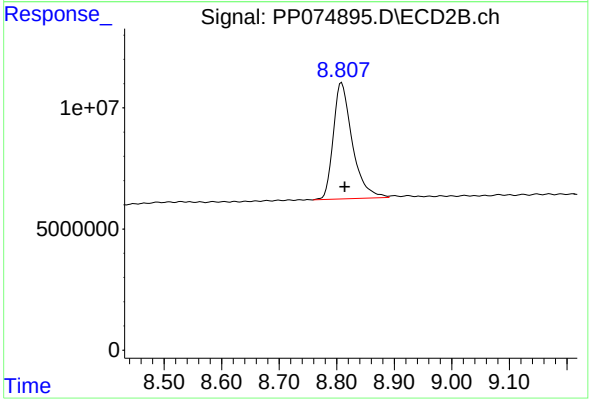

#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 103730918
Conc: 21.45 ng/ml m




#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.007 min
Response: 17969567
Conc: 18.20 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.808 min
Delta R.T.: -0.006 min
Response: 110117853
Conc: 14.68 ng/ml

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Tetra Tech NUS, Inc. | Date Collected: | 09/03/25 |
| Project: | NWIRP Bethpage 112G08005-WE13 | Date Received: | 09/04/25 |
| Client Sample ID: | TT-079-IDWGW-20250903 | SDG No.: | Q3017 |
| Lab Sample ID: | Q3017-05 | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP074896.D | 1 | 09/04/25 11:05 | 09/05/25 12:19 | PB169547 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.25 | U | 0.097 | 0.25 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.40 | U | 0.13 | 0.40 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.25 | U | 0.096 | 0.25 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.25 | U | 0.12 | 0.25 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.25 | U | 0.071 | 0.25 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.25 | U | 0.094 | 0.25 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.40 | U | 0.14 | 0.40 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.25 | U | 0.11 | 0.25 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.25 | U | 0.081 | 0.25 | 0.50 | ug/L |
| **SURROGATES** | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 24.9 | | 35 - 137 | | 124% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 20.5 | | 40 - 135 | | 103% | SPK: 20 |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >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\PP090525\
Data File : PP074896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:19
Operator : YP\AJ
Sample : Q3017-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.659 | 3.801 | 25743119 | 120.4E6 | 21.037 | 24.890m |
| 2) | SA Decachlor... | 10.437 | 8.810 | 20245158 | 129.1E6 | 20.501 | 17.221 |
| | Target Compounds | | | | | | |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:19
Operator : YP\AJ
Sample : Q3017-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

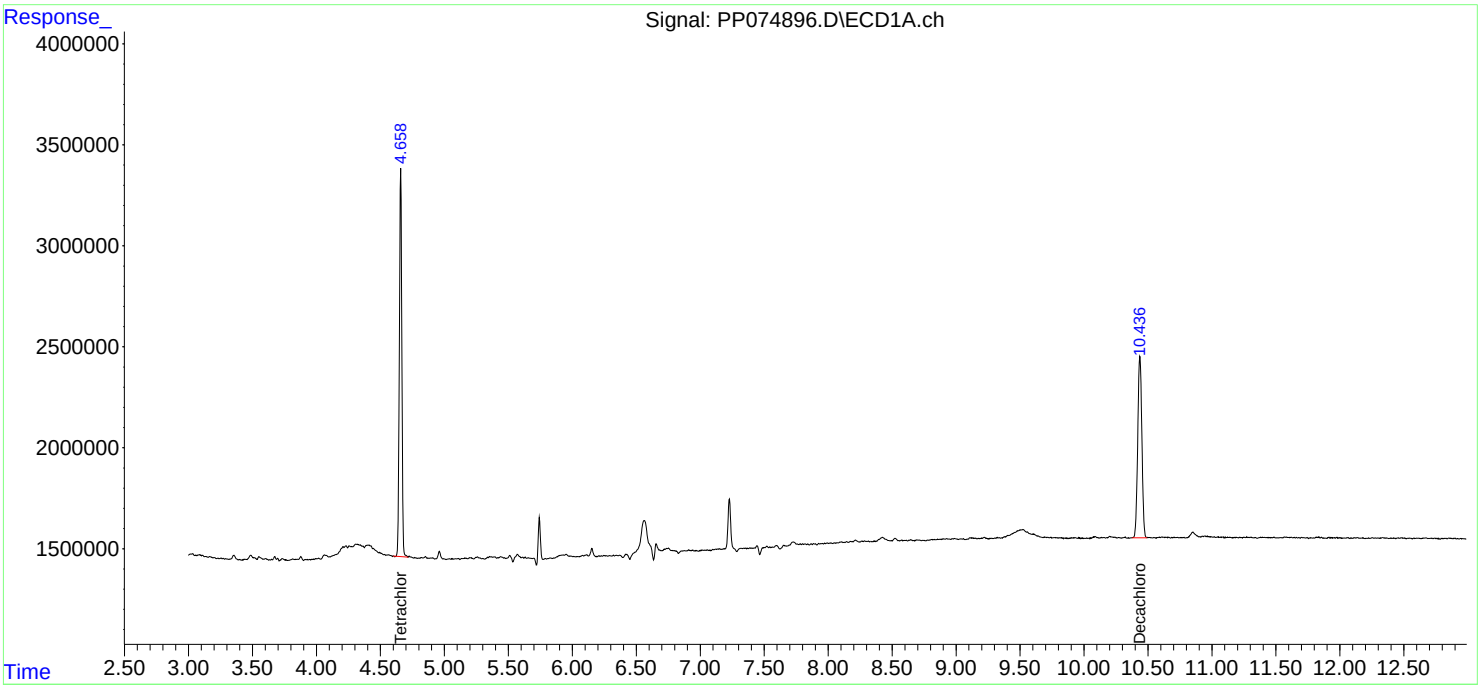
**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903

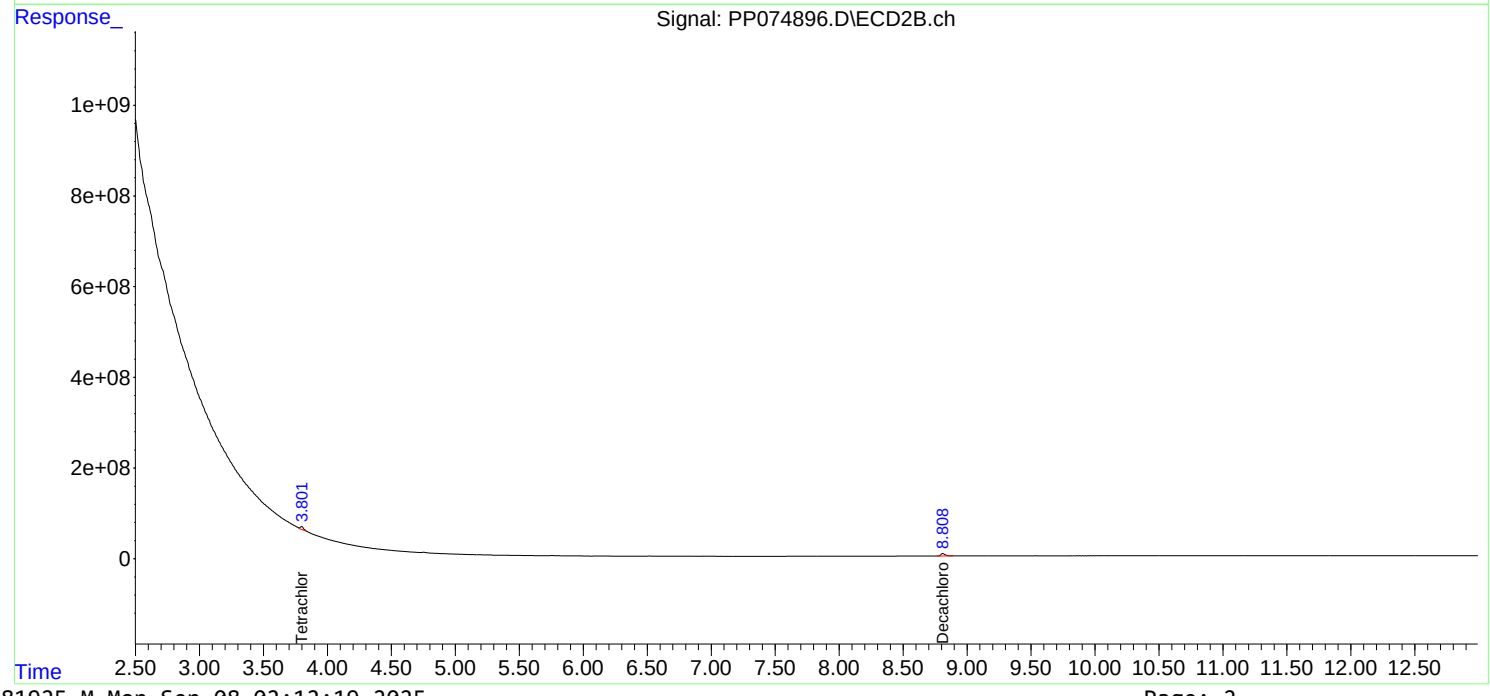
**Manual Integrations APPROVED**

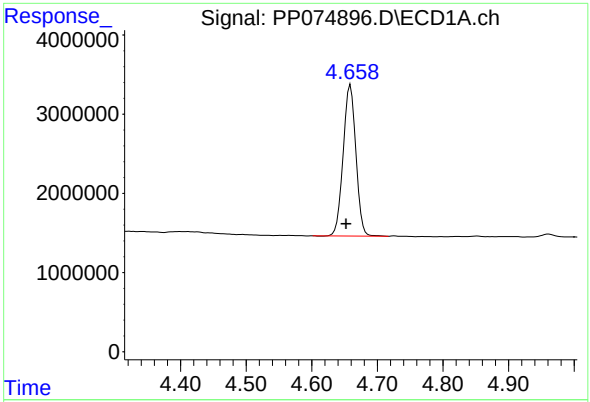
Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





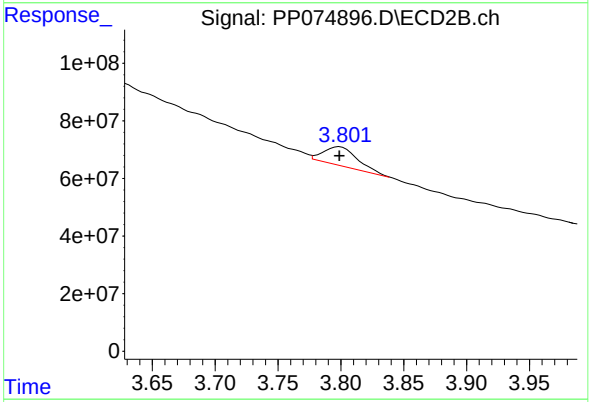

#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.007 min
Response: 25743119
Conc: 21.04 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903

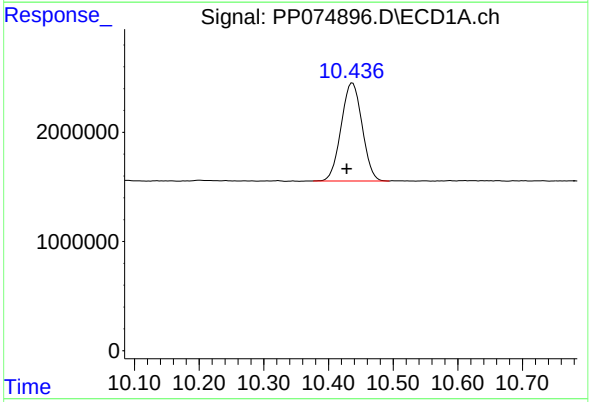
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



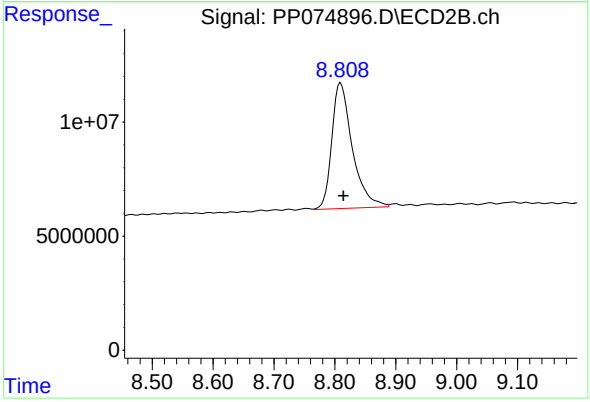

#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.003 min
Response: 120353402
Conc: 24.89 ng/ml m




#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.009 min
Response: 20245158
Conc: 20.50 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.810 min
Delta R.T.: -0.004 min
Response: 129143248
Conc: 17.22 ng/ml

# CALIBRATION SUMMARY

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:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Instrument ID:** ECD_O **Calibration Date(s):** 08/18/2025 08/18/2025

**Calibration Times:** 09:53 18:24

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

**LAB FILE ID:** RT 1000 = PO113003.D RT 750 = PO113004.D

RT 500 = PO113005.D RT 250 = PO113006.D RT 050 = PO113007.D

| COMPOUND | | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.65 | 4.85 |
| Aroclor-1016-2 | (2) | 4.77 | 4.77 | 4.77 | 4.77 | 4.77 | 4.77 | 4.67 | 4.87 |
| Aroclor-1016-3 | (3) | 4.82 | 4.82 | 4.82 | 4.82 | 4.82 | 4.82 | 4.72 | 4.92 |
| Aroclor-1016-4 | (4) | 4.94 | 4.94 | 4.94 | 4.94 | 4.94 | 4.94 | 4.84 | 5.04 |
| Aroclor-1016-5 | (5) | 5.20 | 5.20 | 5.20 | 5.20 | 5.20 | 5.20 | 5.10 | 5.30 |
| Aroclor-1260-1 | (1) | 6.24 | 6.24 | 6.24 | 6.24 | 6.23 | 6.24 | 6.14 | 6.34 |
| Aroclor-1260-2 | (2) | 6.43 | 6.43 | 6.43 | 6.43 | 6.42 | 6.43 | 6.33 | 6.53 |
| Aroclor-1260-3 | (3) | 6.79 | 6.79 | 6.79 | 6.79 | 6.79 | 6.79 | 6.69 | 6.89 |
| Aroclor-1260-4 | (4) | 7.05 | 7.05 | 7.05 | 7.05 | 7.05 | 7.05 | 6.95 | 7.15 |
| Aroclor-1260-5 | (5) | 7.29 | 7.29 | 7.29 | 7.29 | 7.29 | 7.29 | 7.19 | 7.39 |
| Decachlorobiphenyl | | 8.68 | 8.68 | 8.68 | 8.68 | 8.68 | 8.68 | 8.58 | 8.78 |
| Tetrachloro-m-xylene | | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.56 | 3.76 |
| Aroclor-1242-1 | (1) | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.65 | 4.85 |
| Aroclor-1242-2 | (2) | 4.77 | 4.77 | 4.77 | 4.77 | 4.77 | 4.77 | 4.67 | 4.87 |
| Aroclor-1242-3 | (3) | 4.82 | 4.82 | 4.82 | 4.82 | 4.82 | 4.82 | 4.72 | 4.92 |
| Aroclor-1242-4 | (4) | 4.94 | 4.94 | 4.94 | 4.94 | 4.94 | 4.94 | 4.84 | 5.04 |
| Aroclor-1242-5 | (5) | 5.59 | 5.59 | 5.59 | 5.59 | 5.59 | 5.59 | 5.49 | 5.69 |
| Decachlorobiphenyl | | 8.68 | 8.68 | 8.68 | 8.68 | 8.68 | 8.68 | 8.58 | 8.78 |
| Tetrachloro-m-xylene | | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.56 | 3.76 |
| Aroclor-1248-1 | (1) | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.65 | 4.85 |
| Aroclor-1248-2 | (2) | 4.99 | 4.99 | 4.98 | 4.99 | 4.99 | 4.99 | 4.89 | 5.09 |
| Aroclor-1248-3 | (3) | 5.20 | 5.20 | 5.20 | 5.20 | 5.20 | 5.20 | 5.10 | 5.30 |
| Aroclor-1248-4 | (4) | 5.55 | 5.55 | 5.55 | 5.55 | 5.55 | 5.55 | 5.45 | 5.65 |
| Aroclor-1248-5 | (5) | 5.59 | 5.59 | 5.59 | 5.59 | 5.59 | 5.59 | 5.49 | 5.69 |
| Decachlorobiphenyl | | 8.68 | 8.68 | 8.68 | 8.68 | 8.68 | 8.68 | 8.58 | 8.78 |
| Tetrachloro-m-xylene | | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.56 | 3.76 |
| Aroclor-1254-1 | (1) | 5.55 | 5.55 | 5.55 | 5.55 | 5.55 | 5.55 | 5.45 | 5.65 |
| Aroclor-1254-2 | (2) | 5.70 | 5.70 | 5.70 | 5.70 | 5.70 | 5.70 | 5.60 | 5.80 |
| Aroclor-1254-3 | (3) | 6.10 | 6.11 | 6.11 | 6.11 | 6.11 | 6.11 | 6.01 | 6.21 |
| Aroclor-1254-4 | (4) | 6.33 | 6.34 | 6.34 | 6.34 | 6.34 | 6.34 | 6.24 | 6.44 |
| Aroclor-1254-5 | (5) | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.65 | 6.85 |
| Decachlorobiphenyl | | 8.68 | 8.68 | 8.68 | 8.68 | 8.68 | 8.68 | 8.58 | 8.78 |
| Tetrachloro-m-xylene | | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.56 | 3.76 |
| Aroclor-1268-1 | (1) | 7.58 | 7.57 | 7.58 | 7.58 | 7.58 | 7.58 | 7.48 | 7.68 |
| Aroclor-1268-2 | (2) | 7.64 | 7.64 | 7.64 | 7.64 | 7.64 | 7.64 | 7.54 | 7.74 |
| Aroclor-1268-3 | (3) | 7.85 | 7.84 | 7.85 | 7.85 | 7.85 | 7.85 | 7.75 | 7.95 |
| Aroclor-1268-4 | (4) | 8.14 | 8.13 | 8.14 | 8.13 | 8.14 | 8.14 | 8.04 | 8.24 |
| Aroclor-1268-5 | (5) | 8.43 | 8.43 | 8.43 | 8.43 | 8.43 | 8.43 | 8.33 | 8.53 |

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Fax : 908 789 8922

**RETENTION TIMES OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.68 | 8.68 | 8.68 | 8.68 | 8.68 | 8.68 | 8.58 | 8.78 |
| Tetrachloro-m-xylene | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.56 | 3.76 |

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Fax : 908 789 8922

## RETENTION TIMES OF INITIAL CALIBRATION

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Instrument ID:** ECD_O **Calibration Date(s):** 08/18/2025 08/18/2025

**Calibration Times:** 09:53 18:24

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

**LAB FILE ID:** RT 1000 = PO113003.D RT 750 = PO113004.D

RT 500 = PO113005.D RT 250 = PO113006.D RT 050 = PO113007.D

| COMPOUND | | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.73 | 4.73 | 4.73 | 4.73 | 4.73 | 4.73 | 4.63 | 4.83 |
| Aroclor-1016-2 | (2) | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.65 | 4.85 |
| Aroclor-1016-3 | (3) | 4.92 | 4.92 | 4.92 | 4.92 | 4.92 | 4.92 | 4.82 | 5.02 |
| Aroclor-1016-4 | (4) | 4.96 | 4.97 | 4.96 | 4.97 | 4.96 | 4.96 | 4.86 | 5.06 |
| Aroclor-1016-5 | (5) | 5.18 | 5.18 | 5.18 | 5.18 | 5.18 | 5.18 | 5.08 | 5.28 |
| Aroclor-1260-1 | (1) | 6.20 | 6.20 | 6.20 | 6.20 | 6.20 | 6.20 | 6.10 | 6.30 |
| Aroclor-1260-2 | (2) | 6.39 | 6.39 | 6.39 | 6.39 | 6.39 | 6.39 | 6.29 | 6.49 |
| Aroclor-1260-3 | (3) | 6.54 | 6.54 | 6.54 | 6.54 | 6.54 | 6.54 | 6.44 | 6.64 |
| Aroclor-1260-4 | (4) | 7.01 | 7.01 | 7.01 | 7.01 | 7.01 | 7.01 | 6.91 | 7.11 |
| Aroclor-1260-5 | (5) | 7.26 | 7.26 | 7.26 | 7.26 | 7.25 | 7.26 | 7.16 | 7.36 |
| Decachlorobiphenyl | | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.53 | 8.73 |
| Tetrachloro-m-xylene | | 3.66 | 3.66 | 3.66 | 3.66 | 3.65 | 3.66 | 3.56 | 3.76 |
| Aroclor-1242-1 | (1) | 4.73 | 4.73 | 4.73 | 4.73 | 4.73 | 4.73 | 4.63 | 4.83 |
| Aroclor-1242-2 | (2) | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.65 | 4.85 |
| Aroclor-1242-3 | (3) | 4.92 | 4.92 | 4.92 | 4.92 | 4.92 | 4.92 | 4.82 | 5.02 |
| Aroclor-1242-4 | (4) | 5.01 | 5.01 | 5.01 | 5.01 | 5.01 | 5.01 | 4.91 | 5.11 |
| Aroclor-1242-5 | (5) | 5.53 | 5.53 | 5.53 | 5.53 | 5.53 | 5.53 | 5.43 | 5.63 |
| Decachlorobiphenyl | | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.53 | 8.73 |
| Tetrachloro-m-xylene | | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.56 | 3.76 |
| Aroclor-1248-1 | (1) | 4.73 | 4.73 | 4.73 | 4.73 | 4.73 | 4.73 | 4.63 | 4.83 |
| Aroclor-1248-2 | (2) | 4.97 | 4.96 | 4.96 | 4.97 | 4.96 | 4.96 | 4.86 | 5.06 |
| Aroclor-1248-3 | (3) | 5.01 | 5.01 | 5.01 | 5.01 | 5.01 | 5.01 | 4.91 | 5.11 |
| Aroclor-1248-4 | (4) | 5.18 | 5.18 | 5.18 | 5.18 | 5.18 | 5.18 | 5.08 | 5.28 |
| Aroclor-1248-5 | (5) | 5.57 | 5.57 | 5.57 | 5.57 | 5.57 | 5.57 | 5.47 | 5.67 |
| Decachlorobiphenyl | | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.53 | 8.73 |
| Tetrachloro-m-xylene | | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.56 | 3.76 |
| Aroclor-1254-1 | (1) | 5.53 | 5.53 | 5.53 | 5.53 | 5.53 | 5.53 | 5.43 | 5.63 |
| Aroclor-1254-2 | (2) | 5.67 | 5.67 | 5.67 | 5.67 | 5.67 | 5.67 | 5.57 | 5.77 |
| Aroclor-1254-3 | (3) | 6.07 | 6.07 | 6.07 | 6.07 | 6.07 | 6.07 | 5.97 | 6.17 |
| Aroclor-1254-4 | (4) | 6.30 | 6.30 | 6.30 | 6.30 | 6.30 | 6.30 | 6.20 | 6.40 |
| Aroclor-1254-5 | (5) | 6.72 | 6.72 | 6.72 | 6.72 | 6.72 | 6.72 | 6.62 | 6.82 |
| Decachlorobiphenyl | | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.53 | 8.73 |
| Tetrachloro-m-xylene | | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.56 | 3.76 |
| Aroclor-1268-1 | (1) | 7.54 | 7.54 | 7.54 | 7.54 | 7.54 | 7.54 | 7.44 | 7.64 |
| Aroclor-1268-2 | (2) | 7.60 | 7.60 | 7.60 | 7.60 | 7.60 | 7.60 | 7.50 | 7.70 |
| Aroclor-1268-3 | (3) | 7.81 | 7.80 | 7.81 | 7.80 | 7.80 | 7.80 | 7.70 | 7.90 |
| Aroclor-1268-4 | (4) | 8.09 | 8.09 | 8.09 | 8.09 | 8.09 | 8.09 | 7.99 | 8.19 |
| Aroclor-1268-5 | (5) | 8.38 | 8.38 | 8.38 | 8.38 | 8.38 | 8.38 | 8.28 | 8.48 |

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Fax : 908 789 8922

**RETENTION TIMES OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.53 | 8.73 |
| Tetrachloro-m-xylene | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.56 | 3.76 |

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Fax : 908 789 8922

## CALIBRATION FACTOR OF INITIAL CALIBRATION

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

**Contract:** TETR06
**SDG NO.:** Q3017
**Calibration Date(s):** 08/18/2025 08/18/2025
**Calibration Times:** 09:53 18:24

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

**LAB FILE ID:** CF 1000 = PO113003.D CF 750 = PO113004.D
CF 500 = PO113005.D CF 250 = PO113006.D CF 050 = PO113007.D

| COMPOUND | | CF 1000 | CF 750 | CF 500 | CF 250 | CF 050 | CF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 255371052 | 268882561 | 275934040 | 276241276 | 258494960 | 266984778 | 4 |
| Aroclor-1016-2 | (2) | 386597005 | 407445280 | 416148678 | 417991420 | 378975420 | 401431561 | 4 |
| Aroclor-1016-3 | (3) | 240674907 | 253345352 | 260103296 | 260910040 | 260078600 | 255022439 | 3 |
| Aroclor-1016-4 | (4) | 200488933 | 211018755 | 217396840 | 218446060 | 242989580 | 218068034 | 7 |
| Aroclor-1016-5 | (5) | 201770173 | 209979241 | 223743332 | 226026380 | 246620380 | 221627901 | 8 |
| Aroclor-1260-1 | (1) | 410428218 | 427895784 | 448350422 | 466101308 | 477127140 | 445980574 | 6 |
| Aroclor-1260-2 | (2) | 647927331 | 671777743 | 694591256 | 718069576 | 701240300 | 686721241 | 4 |
| Aroclor-1260-3 | (3) | 589701211 | 617064005 | 642929590 | 643696764 | 593976440 | 617473602 | 4 |
| Aroclor-1260-4 | (4) | 414110693 | 436180457 | 452681312 | 475292936 | 461106740 | 447874428 | 5 |
| Aroclor-1260-5 | (5) | 1160238835 | 1200115325 | 1238734248 | 1265998100 | 1188334440 | 1210684190 | 3 |
| Decachlorobiphenyl | | 6690212690 | 6905027373 | 7141319640 | 7175759920 | 6744868400 | 6931437605 | 3 |
| Tetrachloro-m-xylene | | 8029674340 | 8350369867 | 8441238500 | 8370538000 | 7741099400 | 8186584021 | 4 |
| Aroclor-1242-1 | (1) | 219003807 | 233526197 | 242788968 | 240725264 | 213615160 | 229931879 | 6 |
| Aroclor-1242-2 | (2) | 327976735 | 344946825 | 364718188 | 364178480 | 316305340 | 343625114 | 6 |
| Aroclor-1242-3 | (3) | 205275217 | 218054489 | 227356174 | 226343432 | 232391780 | 221884218 | 5 |
| Aroclor-1242-4 | (4) | 165269678 | 175377872 | 183337550 | 185157480 | 158170880 | 173462692 | 7 |
| Aroclor-1242-5 | (5) | 180656505 | 196650337 | 209535050 | 215724772 | 198244940 | 200162321 | 7 |
| Decachlorobiphenyl | | 6983751120 | 7199555547 | 7360295780 | 7264103480 | 6074426600 | 6976426505 | 7 |
| Tetrachloro-m-xylene | | 7902542970 | 8274474280 | 8655126880 | 8517047440 | 6985096600 | 8066857634 | 8 |
| Aroclor-1248-1 | (1) | 177555092 | 181269211 | 184034788 | 180488664 | 148983880 | 174466327 | 8 |
| Aroclor-1248-2 | (2) | 240102006 | 246360772 | 247113578 | 251916636 | 223835260 | 241865650 | 5 |
| Aroclor-1248-3 | (3) | 306109229 | 315711316 | 329615046 | 318673876 | 324209820 | 318863857 | 3 |
| Aroclor-1248-4 | (4) | 475546851 | 491209784 | 508332020 | 505821844 | 517111680 | 499604436 | 3 |
| Aroclor-1248-5 | (5) | 324226410 | 338835636 | 348307430 | 339859680 | 356228800 | 341491591 | 4 |
| Decachlorobiphenyl | | 7181659070 | 7514737493 | 7570052300 | 7529287200 | 6075985600 | 7174344333 | 9 |
| Tetrachloro-m-xylene | | 8381826150 | 8547750707 | 8588948580 | 8387451840 | 6708360600 | 8122867575 | 10 |
| Aroclor-1254-1 | (1) | 499551241 | 515351475 | 527161470 | 563388796 | 594438580 | 539978312 | 7 |
| Aroclor-1254-2 | (2) | 454632825 | 464341571 | 479773010 | 512965400 | 555557200 | 493454001 | 8 |
| Aroclor-1254-3 | (3) | 711089310 | 727800197 | 738817928 | 777856740 | 738821820 | 738877199 | 3 |
| Aroclor-1254-4 | (4) | 533028449 | 548551808 | 553178702 | 579063696 | 571175320 | 556999595 | 3 |
| Aroclor-1254-5 | (5) | 687979747 | 697879139 | 702021496 | 740623884 | 676364320 | 700973717 | 3 |
| Decachlorobiphenyl | | 7131515840 | 7330561920 | 7448714920 | 7630980560 | 6693328400 | 7247020328 | 5 |
| Tetrachloro-m-xylene | | 8126881990 | 8349680347 | 8316489120 | 8586551360 | 7297838200 | 8135488203 | 6 |
| Aroclor-1268-1 | (1) | 1761014831 | 1774598480 | 1803892944 | 1840793296 | 1424143680 | 1720888646 | 10 |

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**CALIBRATION FACTOR OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1268-2 | (2) | 1477166466 | 1492439849 | 1517161498 | 1547779236 | 1206191000 | 1448147610 | 10 |
| Aroclor-1268-3 | (3) | 1233609752 | 1245280741 | 1270713242 | 1291388356 | 990581680 | 1206314754 | 10 |
| Aroclor-1268-4 | (4) | 475808490 | 479214719 | 476669802 | 493044724 | 378582420 | 460664031 | 10 |
| Aroclor-1268-5 | (5) | 3340543820 | 3334721212 | 3351512988 | 3373775928 | 2541501700 | 3188411130 | 11 |
| Decachlorobiphenyl | | 13573084670 | 13653631320 | 13924005880 | 14188212680 | 11035945600 | 13274976030 | 10 |
| Tetrachloro-m-xylene | | 8383283840 | 8466545813 | 8477460740 | 8727640480 | 6548042000 | 8120594575 | 11 |

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## CALIBRATION FACTOR OF INITIAL CALIBRATION

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

**Contract:** TETR06
**SDG NO.:** Q3017
**Calibration Date(s):** 08/18/2025 08/18/2025
**Calibration Times:** 09:53 18:24

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

**LAB FILE ID:** CF 1000 = PO113003.D CF 750 = PO113004.D
CF 500 = PO113005.D CF 250 = PO113006.D CF 050 = PO113007.D

| COMPOUND | | CF 1000 | CF 750 | CF 500 | CF 250 | CF 050 | CF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 157648421 | 166338757 | 175029528 | 179513524 | 174338440 | 170573734 | 5 |
| Aroclor-1016-2 | (2) | 242743120 | 252380695 | 260324992 | 267711416 | 265120000 | 257656045 | 4 |
| Aroclor-1016-3 | (3) | 126993760 | 133087225 | 138404134 | 144167804 | 155418980 | 139614381 | 8 |
| Aroclor-1016-4 | (4) | 100459724 | 106574292 | 112469896 | 119612944 | 144377780 | 116698927 | 15 |
| Aroclor-1016-5 | (5) | 128106279 | 134710951 | 142286356 | 148407360 | 159139040 | 142529997 | 8 |
| Aroclor-1260-1 | (1) | 228928107 | 240864928 | 252574738 | 272240464 | 280735880 | 255068823 | 8 |
| Aroclor-1260-2 | (2) | 313918308 | 328124507 | 343910348 | 357024580 | 385581120 | 345711773 | 8 |
| Aroclor-1260-3 | (3) | 262510074 | 276701705 | 293612640 | 313010736 | 341333940 | 297433819 | 10 |
| Aroclor-1260-4 | (4) | 185941664 | 193924396 | 204255296 | 207408028 | 244718200 | 207249517 | 11 |
| Aroclor-1260-5 | (5) | 425960236 | 439043723 | 465902736 | 470000160 | 541240260 | 468429423 | 10 |
| Decachlorobiphenyl | | 1831064100 | 1917365987 | 1985856160 | 1994289280 | 1745675200 | 1894850145 | 6 |
| Tetrachloro-m-xylene | | 4916768960 | 5105759507 | 5187285900 | 5153639000 | 4939804600 | 5060651593 | 2 |
| Aroclor-1242-1 | (1) | 133881576 | 143118904 | 152394738 | 156445124 | 136681500 | 144504368 | 7 |
| Aroclor-1242-2 | (2) | 203955870 | 217199904 | 228051544 | 234362648 | 200985900 | 216911173 | 7 |
| Aroclor-1242-3 | (3) | 105689998 | 114133919 | 120912152 | 123685124 | 120400300 | 116964299 | 6 |
| Aroclor-1242-4 | (4) | 101683397 | 110649877 | 117620438 | 123213288 | 135019900 | 117637380 | 11 |
| Aroclor-1242-5 | (5) | 136091884 | 145976403 | 155166798 | 162502892 | 145926680 | 149132931 | 7 |
| Decachlorobiphenyl | | 1868057120 | 1957140320 | 2005702880 | 2020794160 | 1772529000 | 1924844696 | 5 |
| Tetrachloro-m-xylene | | 4825813680 | 5071335853 | 5270165440 | 5270477280 | 4505798600 | 4988718171 | 7 |
| Aroclor-1248-1 | (1) | 108471143 | 113278465 | 116916398 | 117022156 | 101871080 | 111511848 | 6 |
| Aroclor-1248-2 | (2) | 150794660 | 157713281 | 163410186 | 169101272 | 162475680 | 160699016 | 4 |
| Aroclor-1248-3 | (3) | 159433549 | 166390719 | 173042032 | 176703836 | 172733300 | 169660687 | 4 |
| Aroclor-1248-4 | (4) | 188271317 | 195815885 | 204890460 | 209017568 | 198105260 | 199220098 | 4 |
| Aroclor-1248-5 | (5) | 194018440 | 203934763 | 211803632 | 222502412 | 229222700 | 212296389 | 7 |
| Decachlorobiphenyl | | 1895882940 | 1980749933 | 2008729920 | 2044623040 | 1730989400 | 1932195047 | 6 |
| Tetrachloro-m-xylene | | 5046994300 | 5155202453 | 5203435340 | 5076525520 | 4220137200 | 4940458963 | 8 |
| Aroclor-1254-1 | (1) | 288848558 | 302797836 | 311612874 | 336218560 | 337291100 | 315353786 | 7 |
| Aroclor-1254-2 | (2) | 255015428 | 266176108 | 276603524 | 303614928 | 300286060 | 280339210 | 8 |
| Aroclor-1254-3 | (3) | 394658183 | 407977155 | 416043550 | 446405672 | 419527560 | 416922424 | 5 |
| Aroclor-1254-4 | (4) | 258230294 | 268632580 | 273598908 | 289141772 | 284574380 | 274835587 | 5 |
| Aroclor-1254-5 | (5) | 325480526 | 337925896 | 351521312 | 371760832 | 400764340 | 357490581 | 8 |
| Decachlorobiphenyl | | 1855582740 | 1926836507 | 1973181280 | 2039405120 | 1846968600 | 1928394849 | 4 |
| Tetrachloro-m-xylene | | 4911279290 | 5066835907 | 5059128600 | 5241425160 | 4670568800 | 4989847551 | 4 |
| Aroclor-1268-1 | (1) | 505322959 | 499938980 | 529404120 | 551503232 | 461152840 | 509464426 | 7 |

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**CALIBRATION FACTOR OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1268-2 | (2) | 411828393 | 408615411 | 431678690 | 446034816 | 378854460 | 415402354 | 6 |
| Aroclor-1268-3 | (3) | 321714437 | 321009472 | 339466898 | 353051976 | 297302600 | 326509077 | 6 |
| Aroclor-1268-4 | (4) | 120303152 | 122244828 | 123085728 | 129780148 | 106749080 | 120432587 | 7 |
| Aroclor-1268-5 | (5) | 793658604 | 796742752 | 812678858 | 835111136 | 666596880 | 780957646 | 8 |
| Decachlorobiphenyl | | 3468678600 | 3498241200 | 3592049560 | 3737387920 | 2992120000 | 3457695456 | 8 |
| Tetrachloro-m-xylene | | 5091723140 | 5143743093 | 5120936720 | 5368398520 | 4128952800 | 4970750855 | 10 |

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## INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Instrument ID:** ECD_O **Date(s) Analyzed:** 08/18/2025 08/18/2025

**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 | 3.87 | 3.77 | 3.97 | 93573200 |
| | | 2 | 3.96 | 3.86 | 4.06 | 67550600 |
| | | 3 | 4.04 | 3.94 | 4.14 | 221352000 |
| | | 4 | 0.00 | | | 0 |
| | | 5 | 0.00 | | | 0 |
| Aroclor-1232 | 500 | 1 | 4.04 | 3.94 | 4.14 | 174006000 |
| | | 2 | 4.53 | 4.43 | 4.63 | 99852400 |
| | | 3 | 4.77 | 4.67 | 4.87 | 189475000 |
| | | 4 | 4.94 | 4.84 | 5.04 | 94169600 |
| | | 5 | 4.99 | 4.89 | 5.09 | 61943000 |
| Aroclor-1262 | 500 | 1 | 6.79 | 6.69 | 6.89 | 915764000 |
| | | 2 | 7.29 | 7.19 | 7.39 | 1512160000 |
| | | 3 | 7.58 | 7.48 | 7.68 | 554108000 |
| | | 4 | 7.64 | 7.54 | 7.74 | 977968000 |
| | | 5 | 8.14 | 8.04 | 8.24 | 416878000 |

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Fax : 908 789 8922

## INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Instrument ID:** ECD_O **Date(s) Analyzed:** 08/18/2025 08/18/2025

**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 | 3.86 | 3.76 | 3.96 | 63121200 |
| | | 2 | 3.95 | 3.85 | 4.05 | 46673200 |
| | | 3 | 4.02 | 3.92 | 4.12 | 148475000 |
| | | 4 | 0.00 | | | 0 |
| | | 5 | 0.00 | | | 0 |
| Aroclor-1232 | 500 | 1 | 4.02 | 3.92 | 4.12 | 117403000 |
| | | 2 | 4.75 | 4.65 | 4.85 | 122545000 |
| | | 3 | 4.92 | 4.82 | 5.02 | 63345600 |
| | | 4 | 5.01 | 4.91 | 5.11 | 56221200 |
| | | 5 | 5.18 | 5.08 | 5.28 | 59863600 |
| Aroclor-1262 | 500 | 1 | 6.76 | 6.66 | 6.86 | 414614000 |
| | | 2 | 7.26 | 7.16 | 7.36 | 517670000 |
| | | 3 | 7.54 | 7.44 | 7.64 | 179590000 |
| | | 4 | 7.60 | 7.50 | 7.70 | 289902000 |
| | | 5 | 8.09 | 7.99 | 8.19 | 108331000 |

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 09:53
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 10:58:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 3.663 | 3.655 | 803.0E6 | 491.7E6 | 97.501 | 97.323 |
| 2) | SA Decachlor... | 8.682 | 8.628 | 669.0E6 | 183.1E6 | 96.739 | 95.945 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.748 | 4.729 | 255.4E6 | 157.6E6 | 961.297 | 947.754 |
| 4) | L1 AR-1016-2 | 4.767 | 4.747 | 386.6E6 | 242.7E6 | 963.187 | 965.051 |
| 5) | L1 AR-1016-3 | 4.823 | 4.922 | 240.7E6 | 127.0E6 | 961.204 | 957.007 |
| 6) | L1 AR-1016-4 | 4.943 | 4.964 | 200.5E6 | 100.5E6 | 959.539 | 943.596 |
| 7) | L1 AR-1016-5 | 5.200 | 5.176 | 201.8E6 | 128.1E6 | 948.361 | 947.557 |
| 31) | L7 AR-1260-1 | 6.236 | 6.204 | 410.4E6 | 228.9E6 | 955.842 | 950.890 |
| 32) | L7 AR-1260-2 | 6.425 | 6.393 | 647.9E6 | 313.9E6 | 965.242 | 954.408 |
| 33) | L7 AR-1260-3 | 6.792 | 6.544 | 589.7E6 | 262.5E6 | 956.817 | 944.072 |
| 34) | L7 AR-1260-4 | 7.050 | 7.013 | 414.1E6 | 185.9E6 | 955.502 | 953.066 |
| 35) | L7 AR-1260-5 | 7.294 | 7.255 | 1160.2E6 | 426.0E6 | 967.280 | 955.215 |

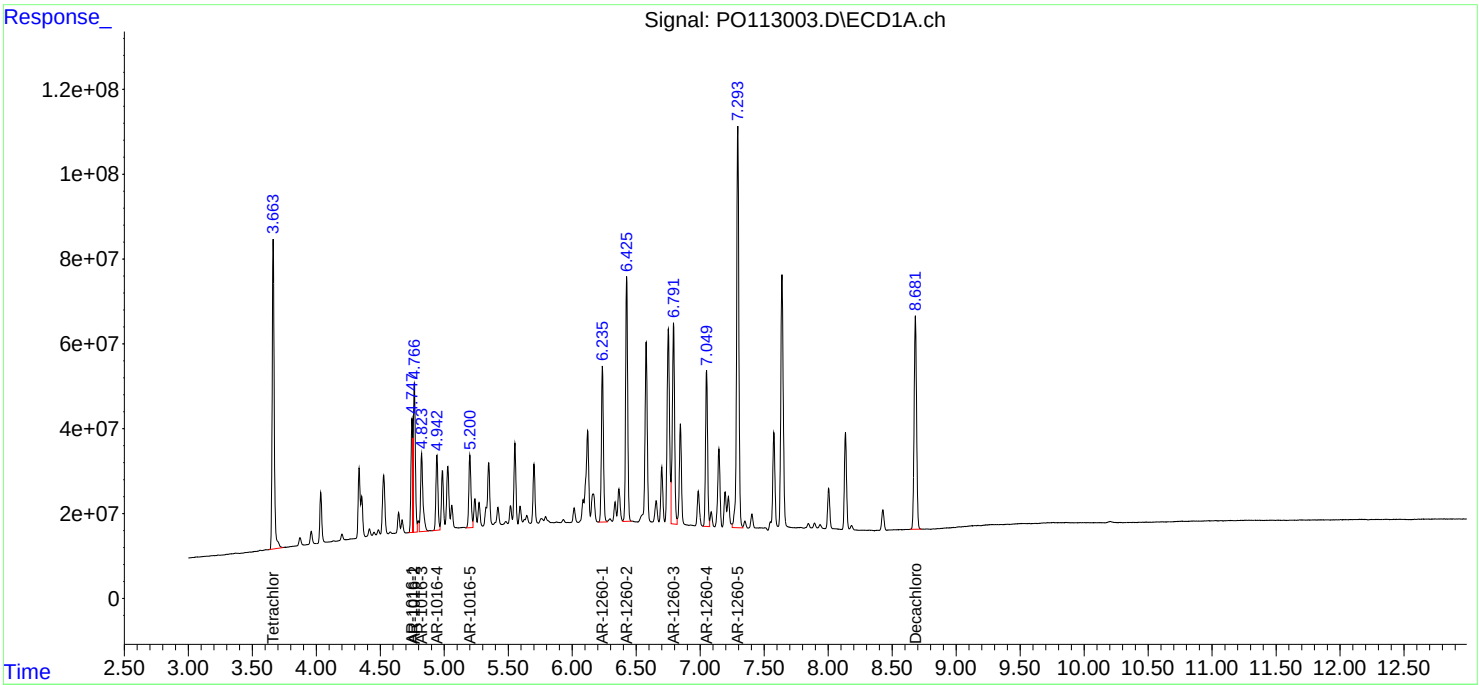
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

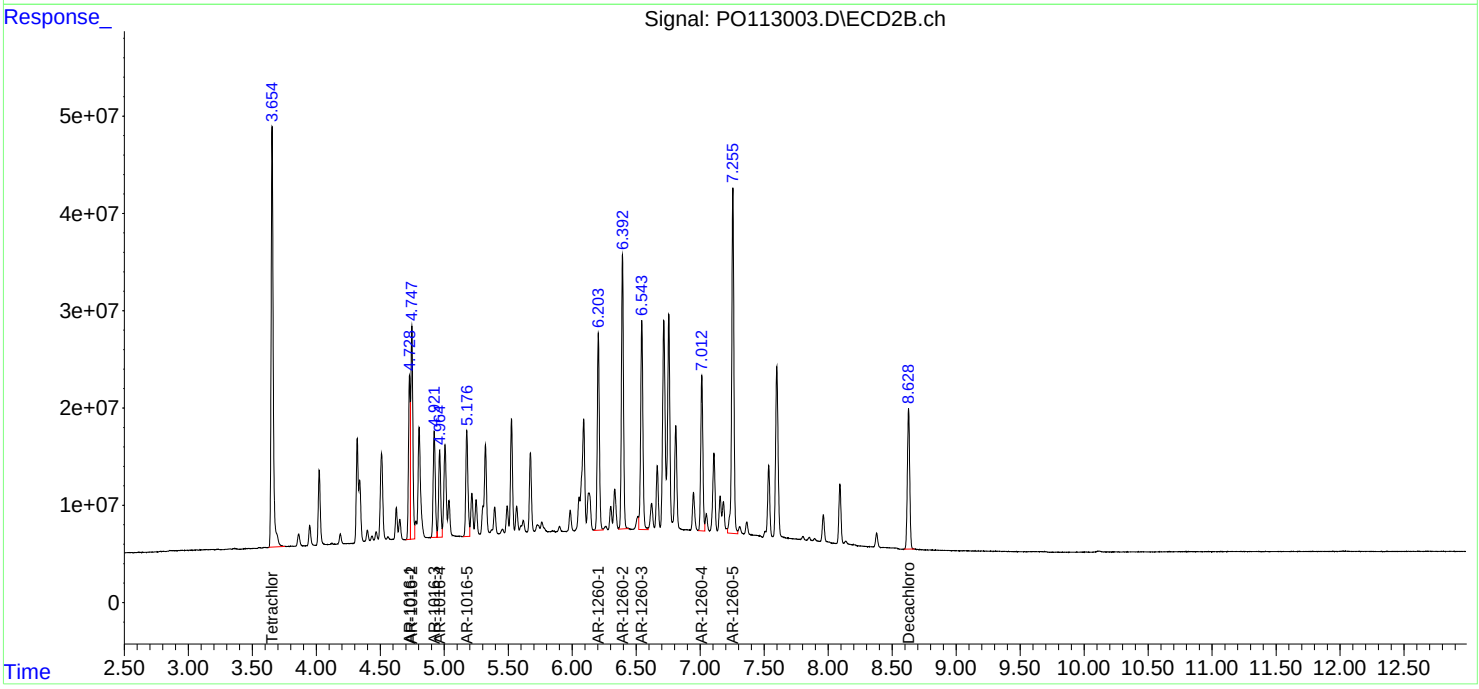
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 09:53
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

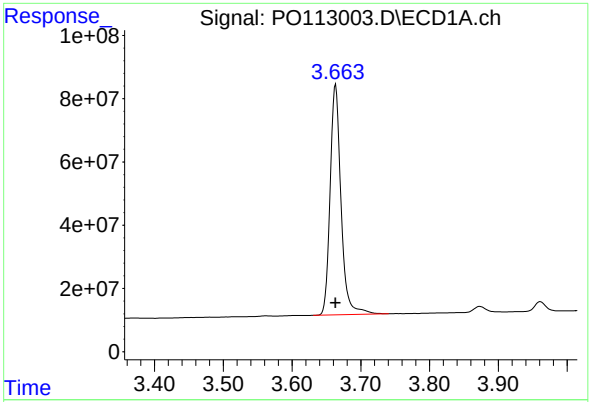
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 10:58:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



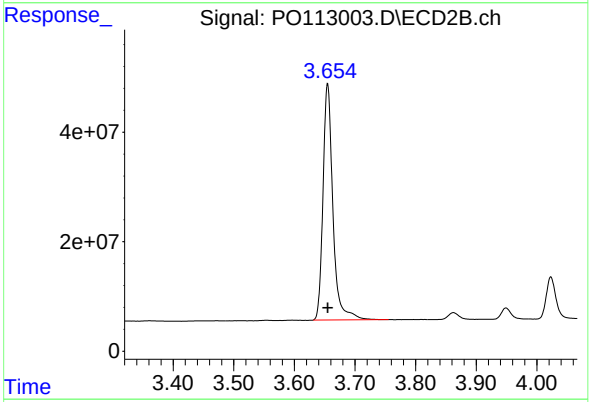






#1 Tetrachloro-m-xylene

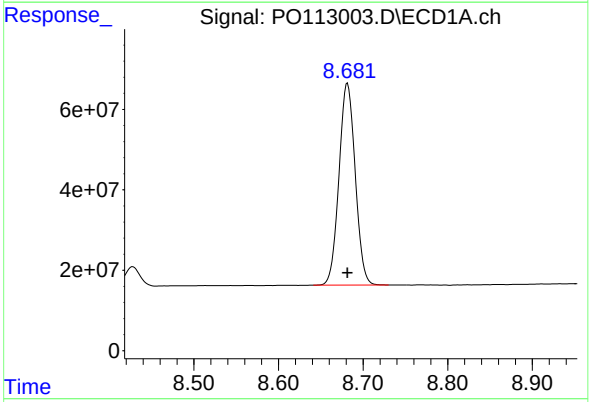
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 802967434
Conc: 97.50 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC1000



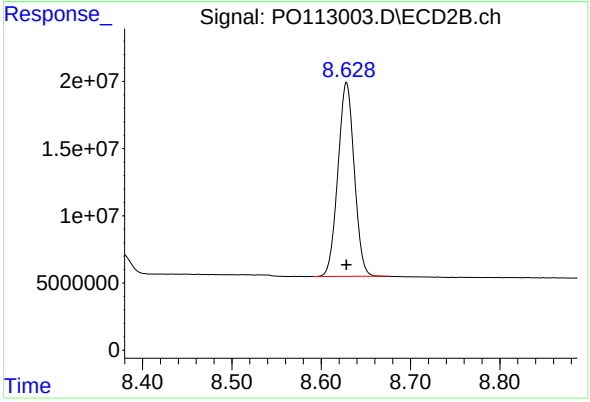

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 491676896
Conc: 97.32 ng/ml



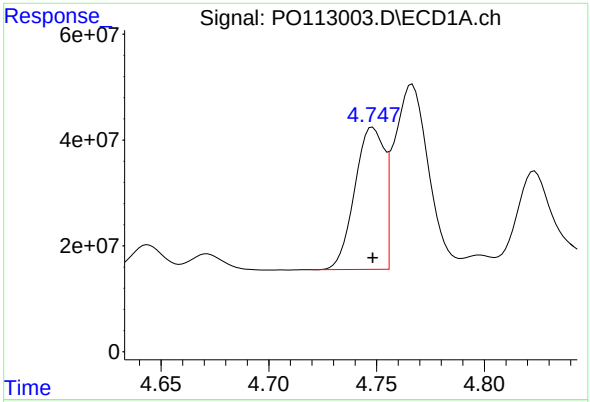

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 669021269
Conc: 96.74 ng/ml




#2 Decachlorobiphenyl

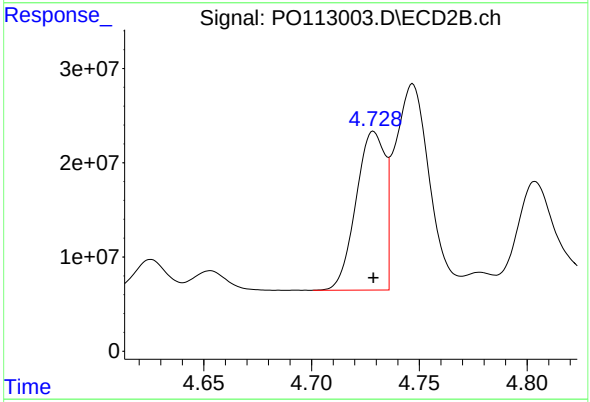
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 183106410
Conc: 95.94 ng/ml




#3 AR-1016-1

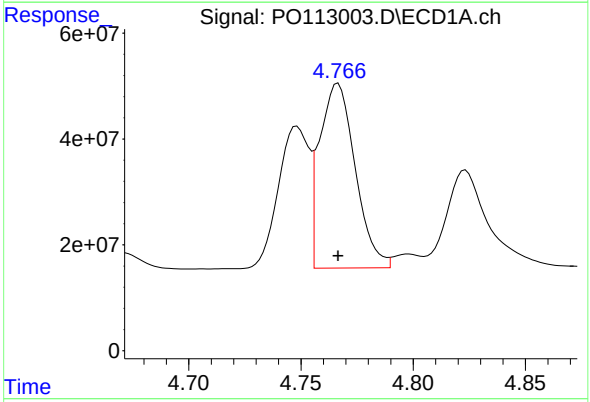
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 255371052
Conc: 961.30 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC1000



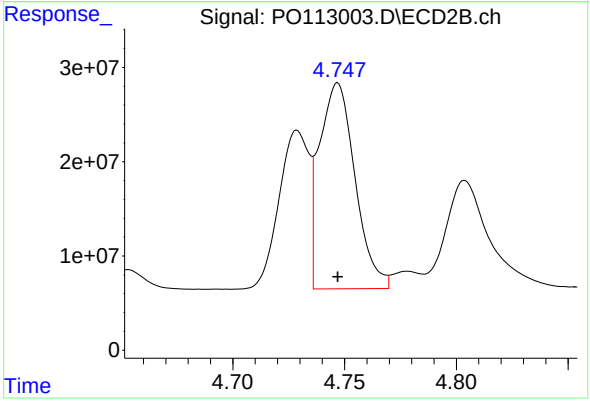

#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 157648421
Conc: 947.75 ng/ml



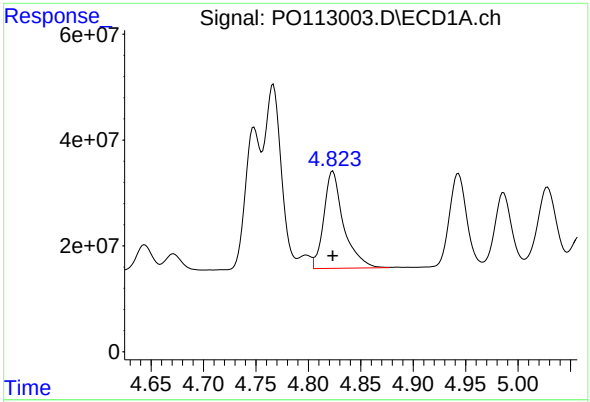

#4 AR-1016-2

R.T.: 4.767 min
Delta R.T.: 0.000 min
Response: 386597005
Conc: 963.19 ng/ml




#4 AR-1016-2

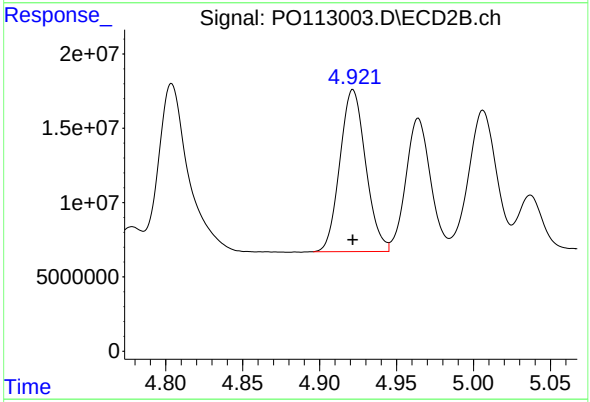
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 242743120
Conc: 965.05 ng/ml




#5 AR-1016-3

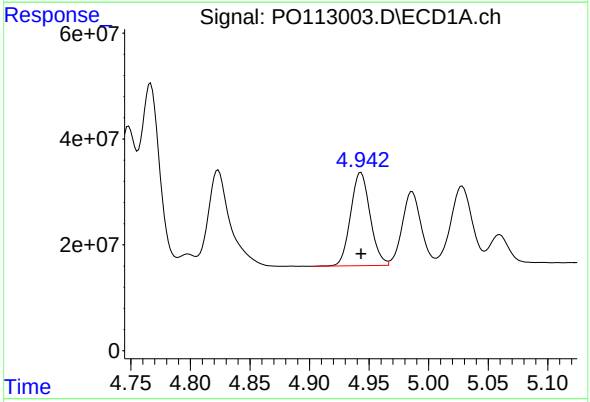
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 240674907
Conc: 961.20 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC1000



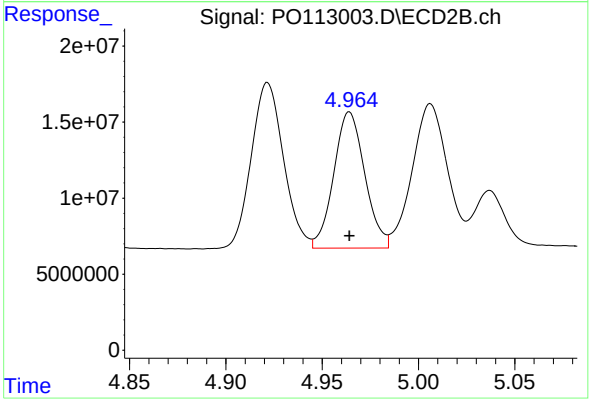

#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 126993760
Conc: 957.01 ng/ml



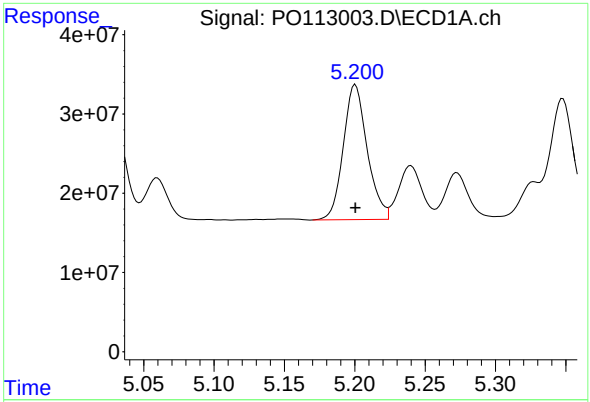

#6 AR-1016-4

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 200488933
Conc: 959.54 ng/ml




#6 AR-1016-4

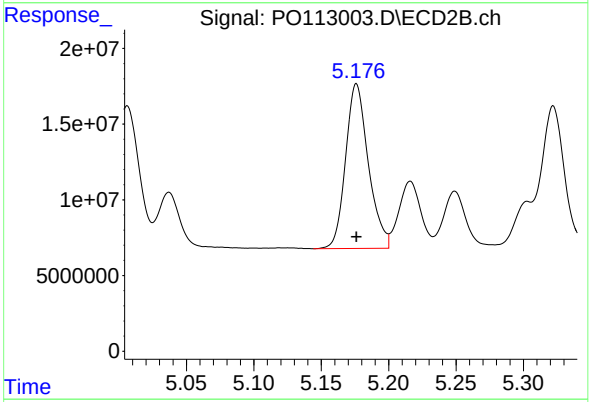
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 100459724
Conc: 943.60 ng/ml




#7 AR-1016-5

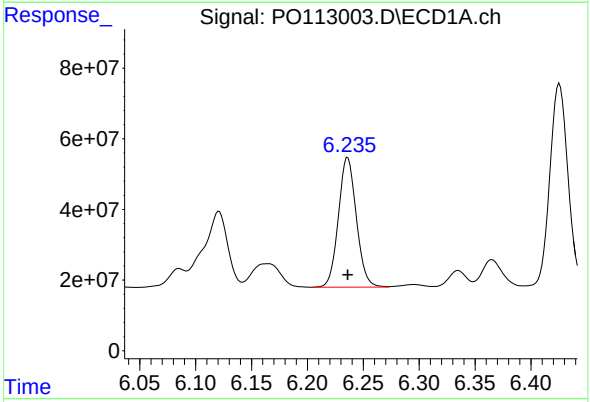
R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 201770173
Conc: 948.36 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC1000



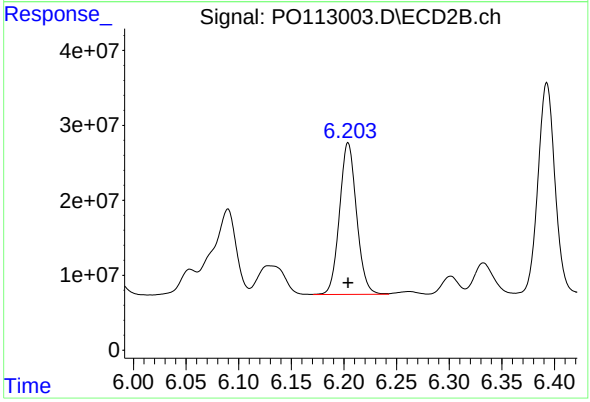

#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 128106279
Conc: 947.56 ng/ml



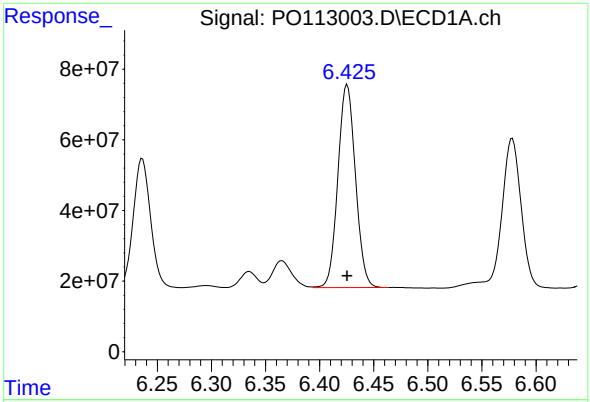

#31 AR-1260-1

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 410428218
Conc: 955.84 ng/ml




#31 AR-1260-1

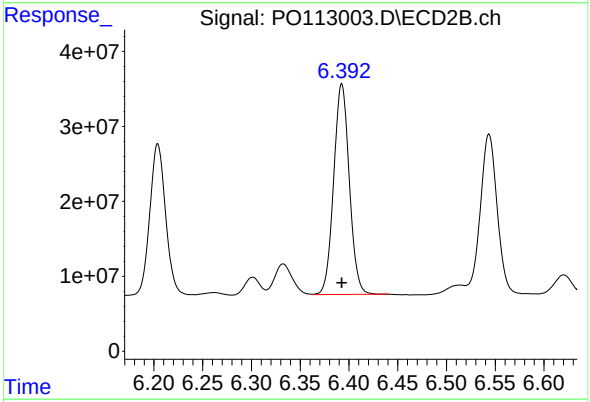
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 228928107
Conc: 950.89 ng/ml




#32 AR-1260-2

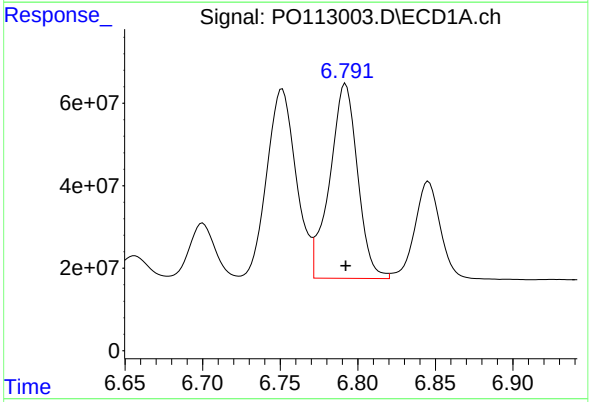
R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 647927331
Conc: 965.24 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC1000



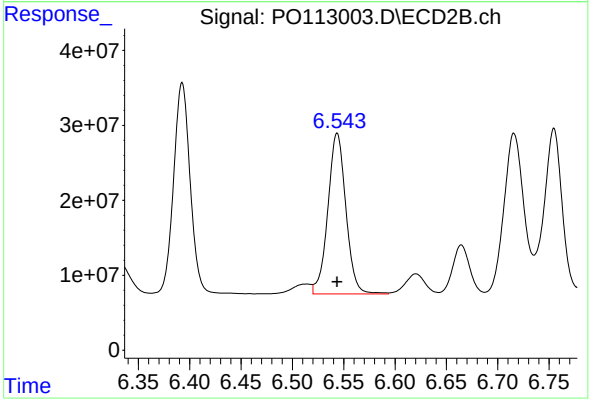

#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 313918308
Conc: 954.41 ng/ml



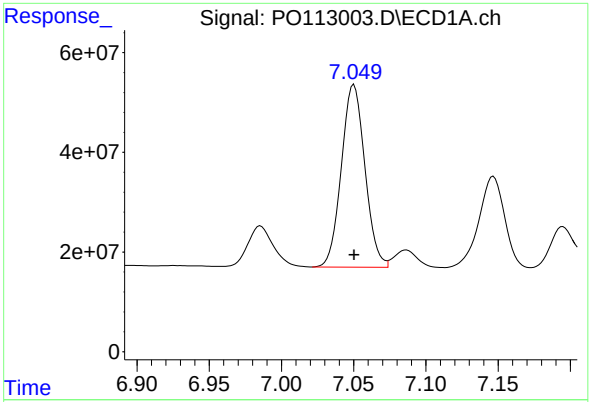

#33 AR-1260-3

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 589701211
Conc: 956.82 ng/ml




#33 AR-1260-3

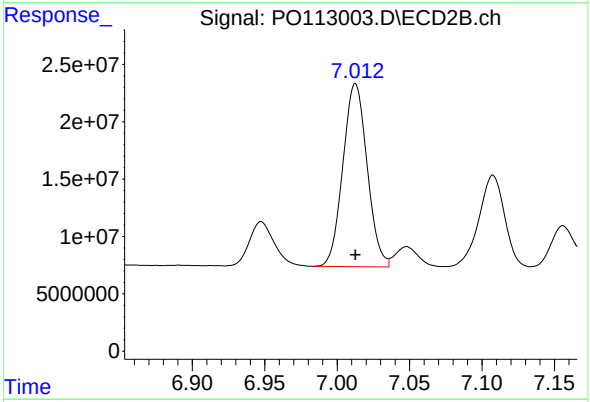
R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 262510074
Conc: 944.07 ng/ml




#34 AR-1260-4

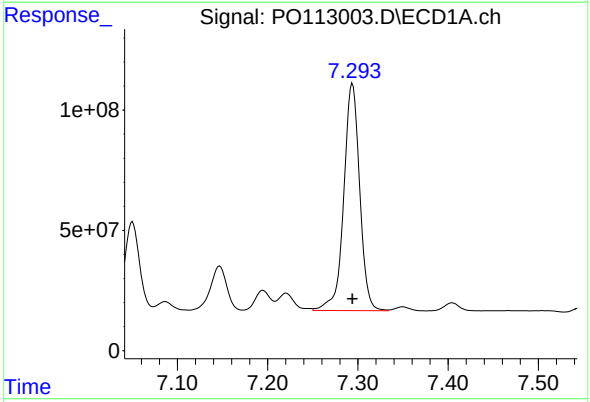
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 414110693
Conc: 955.50 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC1000



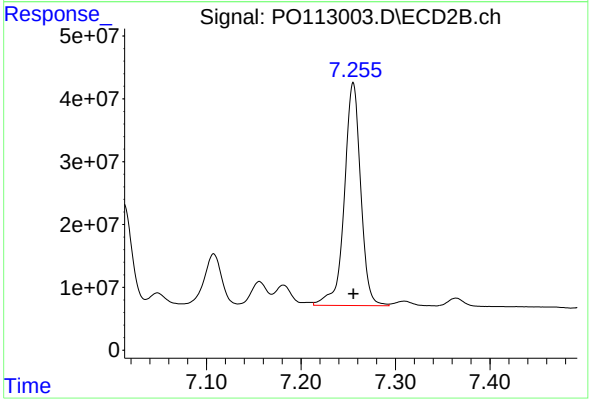

#34 AR-1260-4

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 185941664
Conc: 953.07 ng/ml




#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 1160238835
Conc: 967.28 ng/ml




#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 425960236
Conc: 955.21 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:11
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:02:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 3.663 | 3.655 | 626.3E6 | 382.9E6 | 75.694 | 75.530 |
| 2) | SA Decachlor... | 8.682 | 8.629 | 517.9E6 | 143.8E6 | 74.922 | 75.233 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.747 | 4.729 | 201.7E6 | 124.8E6 | 756.055 | 749.999 |
| 4) | L1 AR-1016-2 | 4.766 | 4.747 | 305.6E6 | 189.3E6 | 757.527 | 751.681 |
| 5) | L1 AR-1016-3 | 4.823 | 4.922 | 190.0E6 | 99815419 | 755.880 | 751.462 |
| 6) | L1 AR-1016-4 | 4.942 | 4.965 | 158.3E6 | 79930719 | 754.951 | 750.514 |
| 7) | L1 AR-1016-5 | 5.199 | 5.177 | 157.5E6 | 101.0E6 | 743.444 | 748.203 |
| 31) | L7 AR-1260-1 | 6.236 | 6.204 | 320.9E6 | 180.6E6 | 748.259 | 750.236 |
| 32) | L7 AR-1260-2 | 6.426 | 6.393 | 503.8E6 | 246.1E6 | 750.386 | 748.798 |
| 33) | L7 AR-1260-3 | 6.792 | 6.544 | 462.8E6 | 207.5E6 | 750.607 | 747.551 |
| 34) | L7 AR-1260-4 | 7.050 | 7.014 | 327.1E6 | 145.4E6 | 753.206 | 746.985 |
| 35) | L7 AR-1260-5 | 7.294 | 7.255 | 900.1E6 | 329.3E6 | 750.262 | 742.237 |

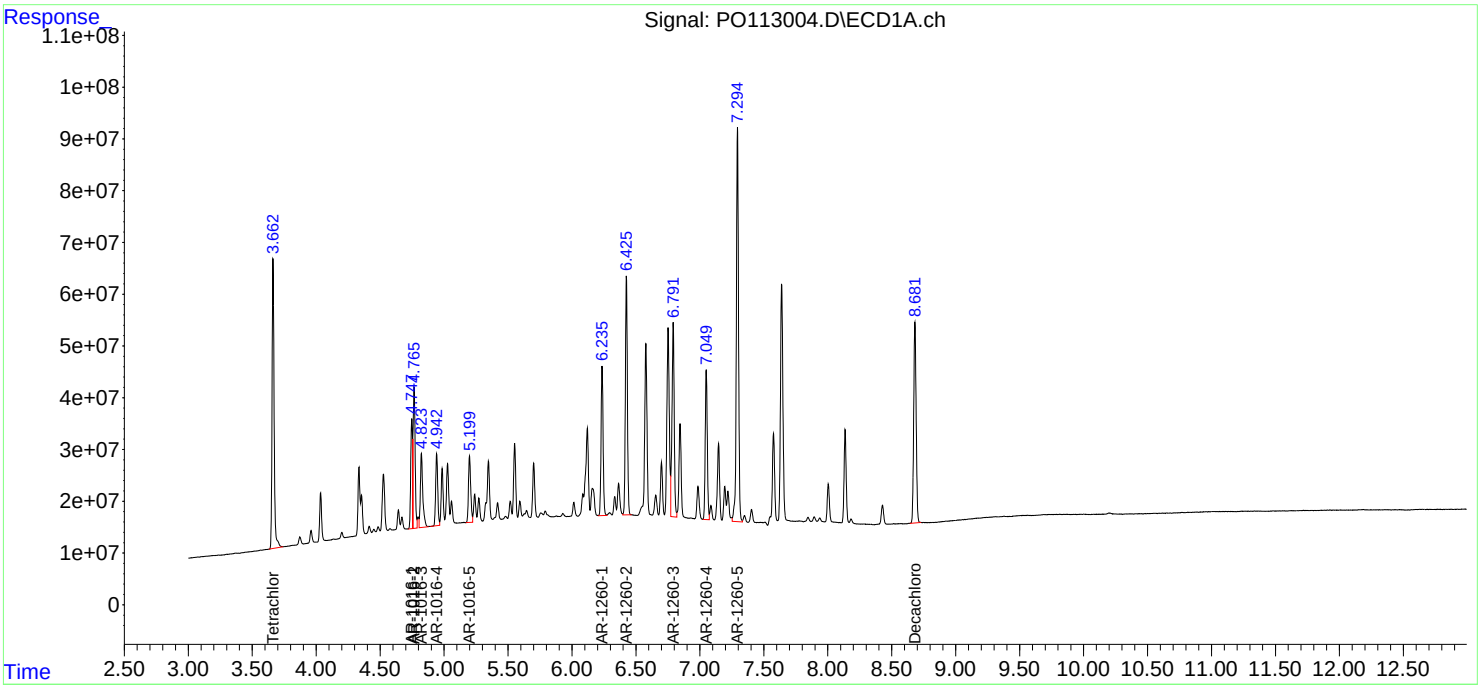
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

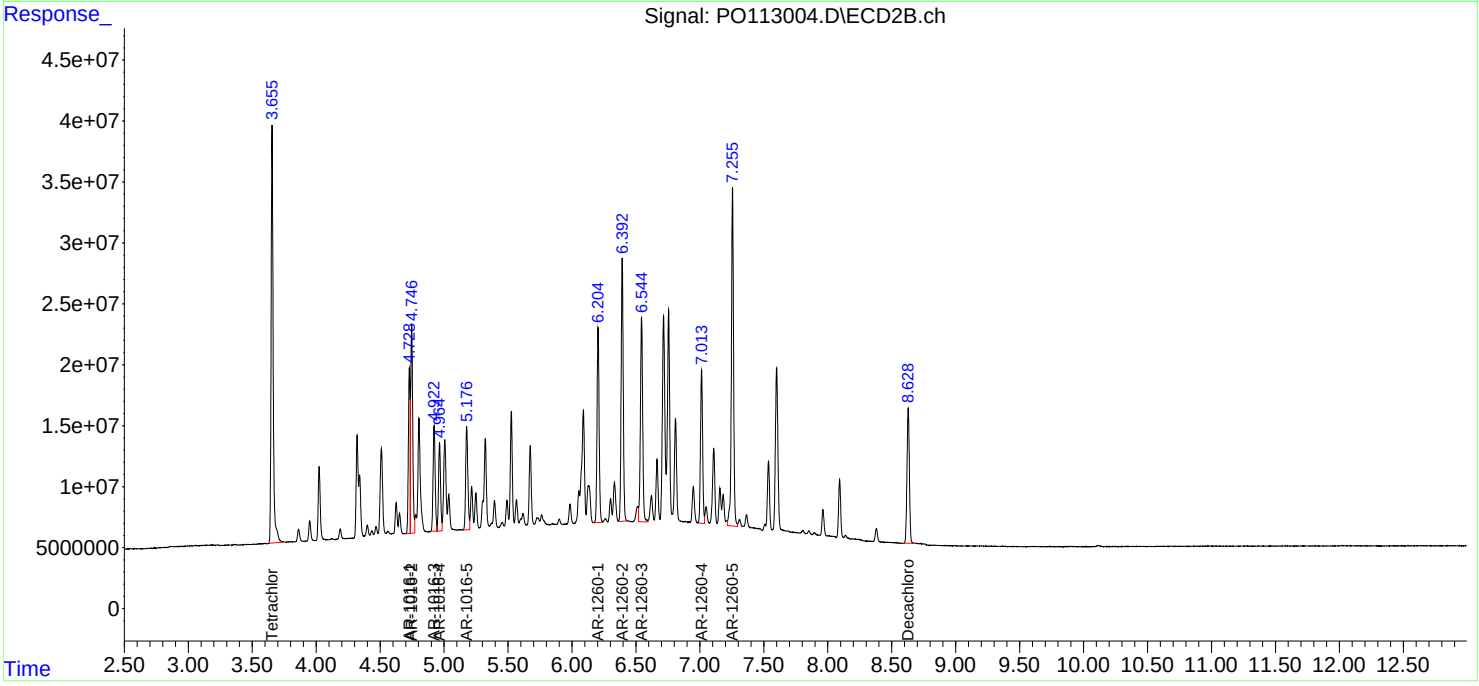
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:11
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

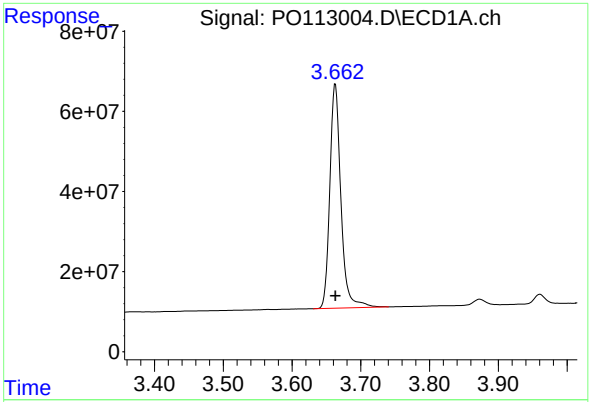
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:02:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



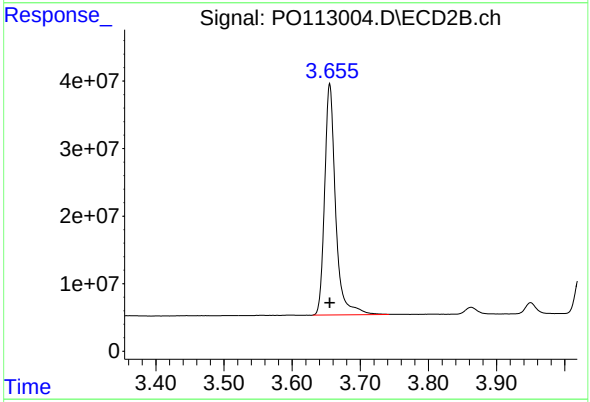






#1 Tetrachloro-m-xylene

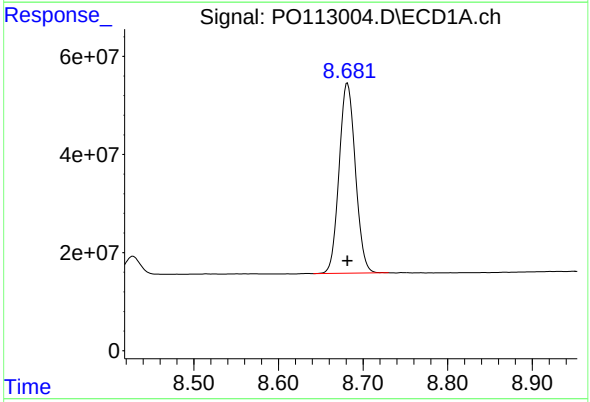
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 626277740
Conc: 75.69 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC750



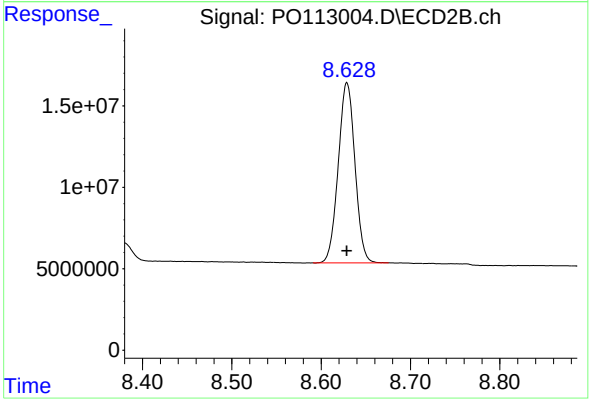

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 382931963
Conc: 75.53 ng/ml



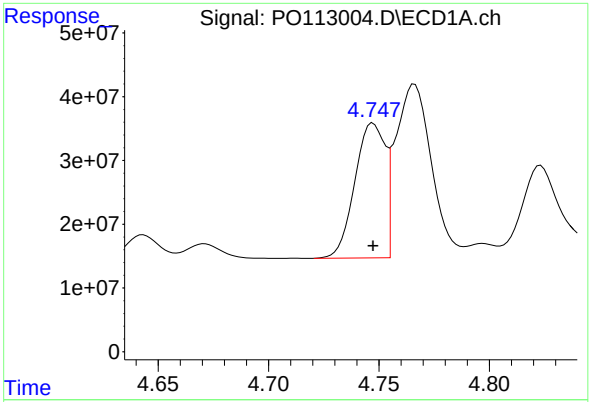

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 517877053
Conc: 74.92 ng/ml




#2 Decachlorobiphenyl

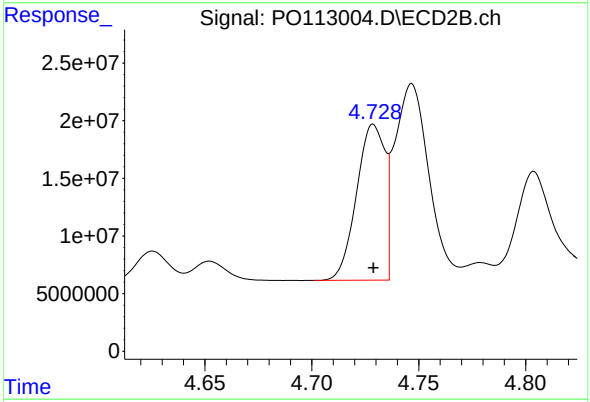
R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 143802449
Conc: 75.23 ng/ml




#3 AR-1016-1

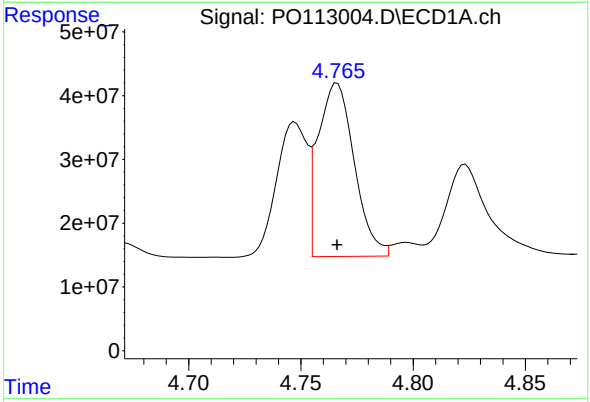
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 201661921
Conc: 756.05 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC750



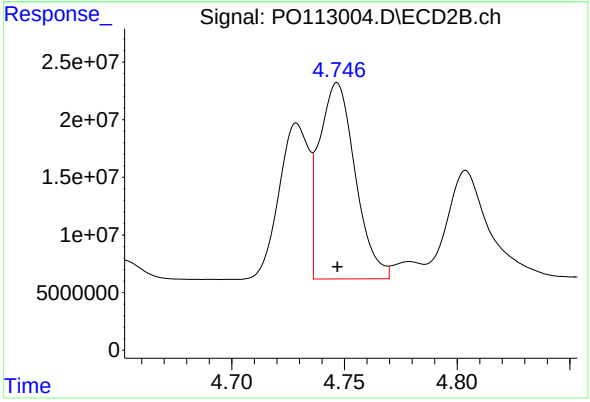

#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 124754068
Conc: 750.00 ng/ml



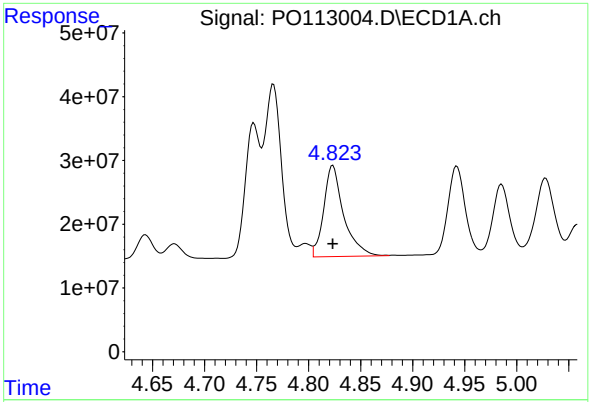

#4 AR-1016-2

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 305583960
Conc: 757.53 ng/ml




#4 AR-1016-2

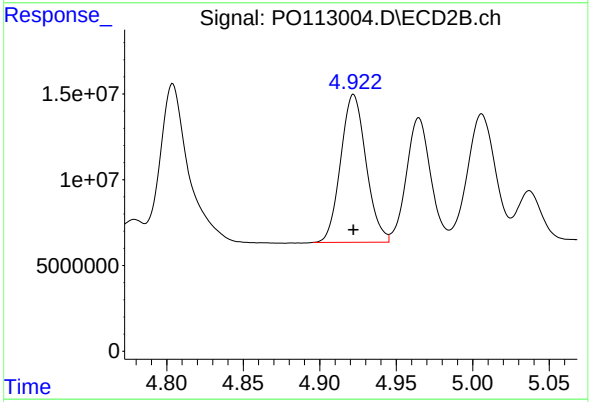
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 189285521
Conc: 751.68 ng/ml




#5 AR-1016-3

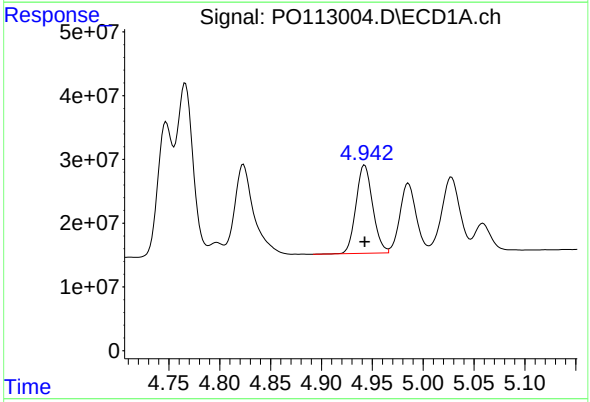
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 190009014
Conc: 755.88 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC750



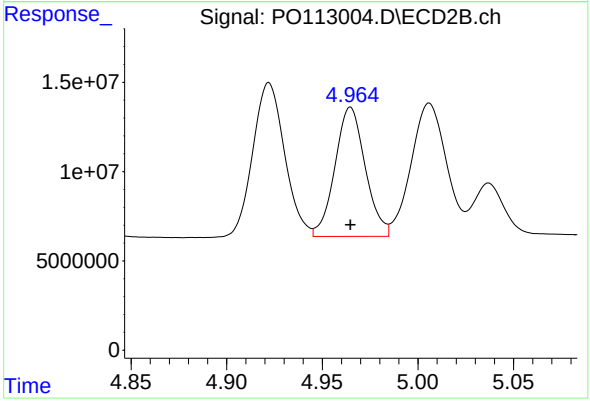

#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 99815419
Conc: 751.46 ng/ml



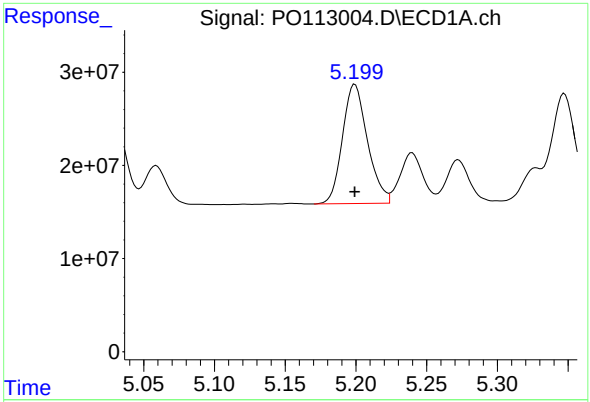

#6 AR-1016-4

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 158264066
Conc: 754.95 ng/ml




#6 AR-1016-4

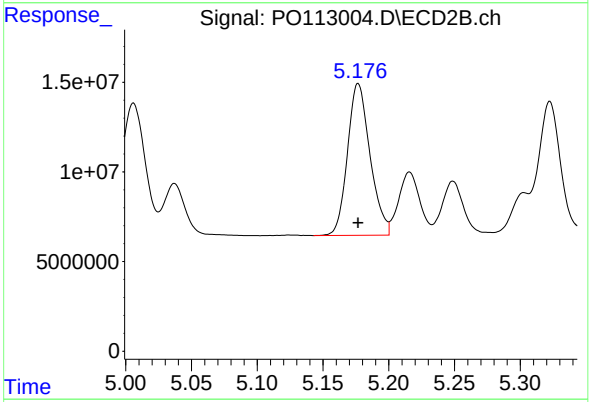
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 79930719
Conc: 750.51 ng/ml




#7 AR-1016-5

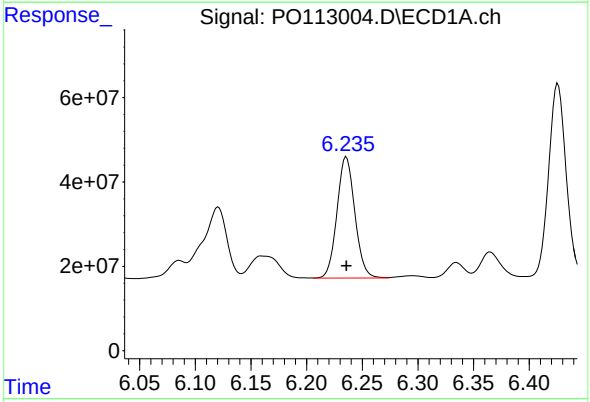
R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 157484431
Conc: 743.44 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC750



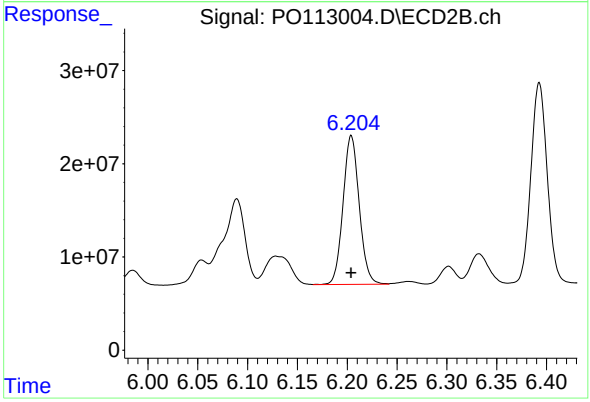

#7 AR-1016-5

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 101033213
Conc: 748.20 ng/ml



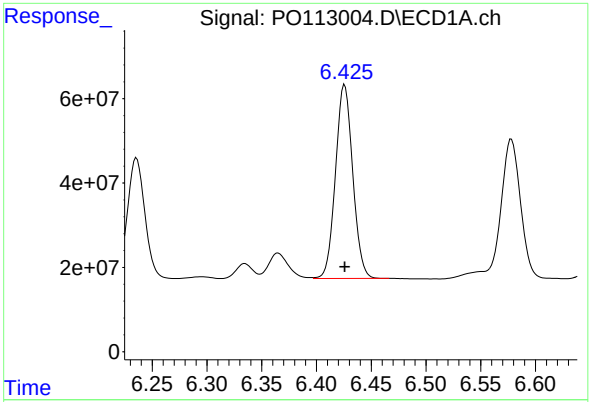

#31 AR-1260-1

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 320921838
Conc: 748.26 ng/ml




#31 AR-1260-1

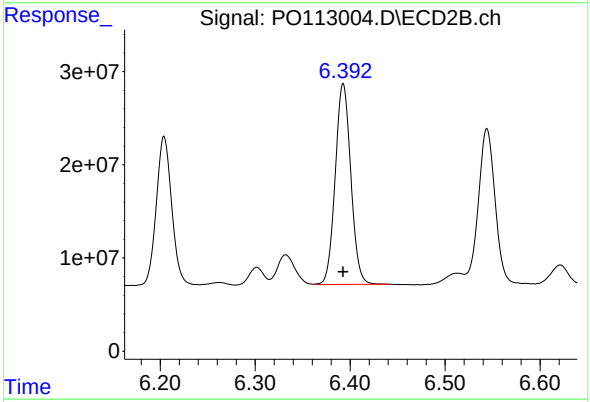
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 180648696
Conc: 750.24 ng/ml




#32 AR-1260-2

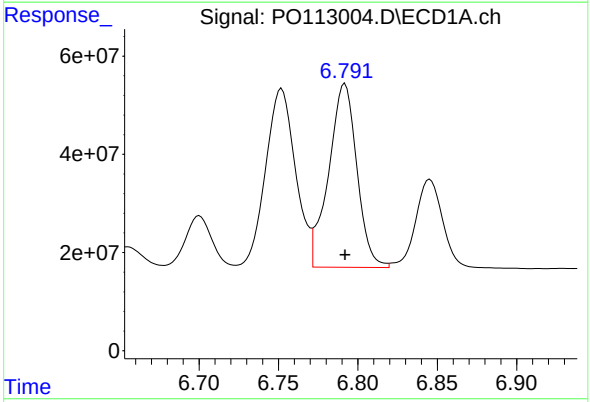
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 503833307
Conc: 750.39 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC750



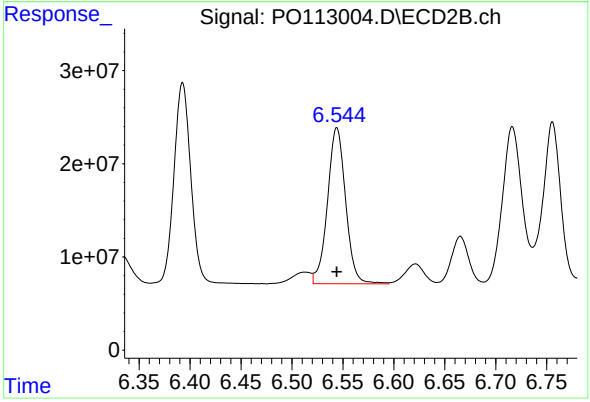

#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 246093380
Conc: 748.80 ng/ml



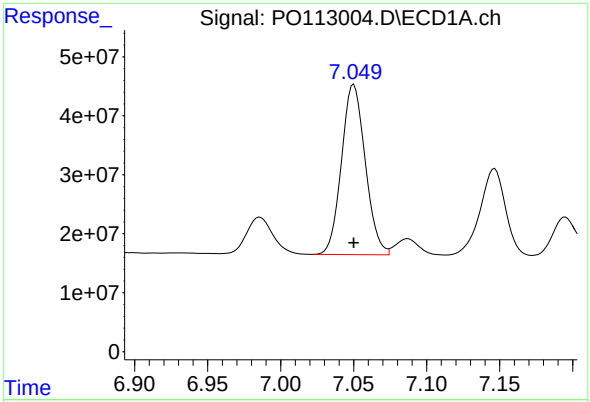

#33 AR-1260-3

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 462798004
Conc: 750.61 ng/ml




#33 AR-1260-3

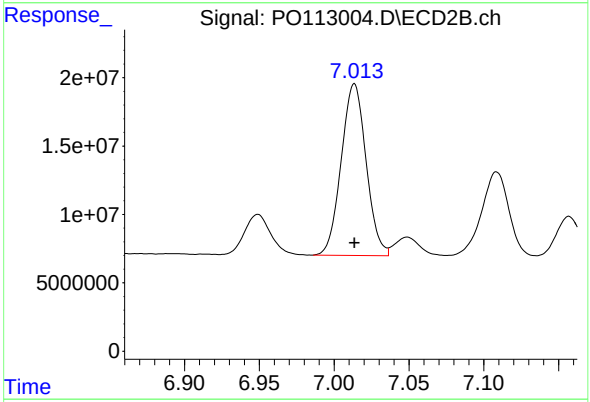
R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 207526279
Conc: 747.55 ng/ml




#34 AR-1260-4

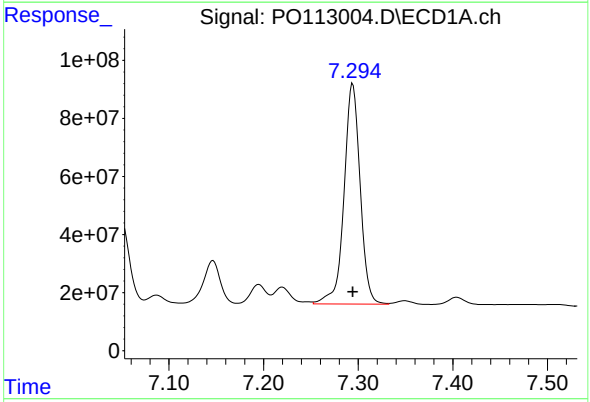
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 327135343
Conc: 753.21 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC750



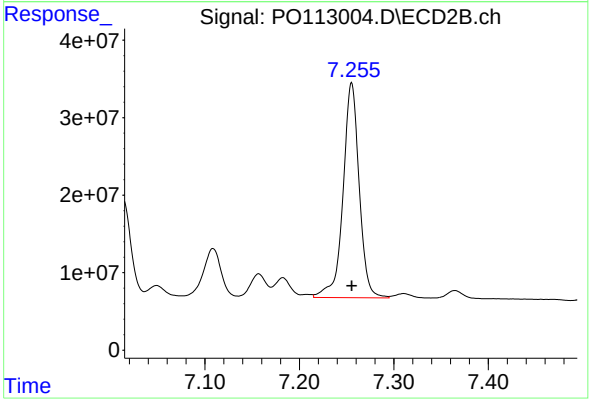

#34 AR-1260-4

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 145443297
Conc: 746.99 ng/ml




#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 900086494
Conc: 750.26 ng/ml




#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 329282792
Conc: 742.24 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:29
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 10:55:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 3.663 | 3.655 | 422.1E6 | 259.4E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.682 | 8.628 | 357.1E6 | 99292808 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.748 | 4.729 | 138.0E6 | 87514764 | 500.000 | 500.000 |
| 4) | L1 AR-1016-2 | 4.766 | 4.747 | 208.1E6 | 130.2E6 | 500.000 | 500.000 |
| 5) | L1 AR-1016-3 | 4.824 | 4.922 | 130.1E6 | 69202067 | 500.000 | 500.000 |
| 6) | L1 AR-1016-4 | 4.943 | 4.964 | 108.7E6 | 56234948 | 500.000 | 500.000 |
| 7) | L1 AR-1016-5 | 5.199 | 5.176 | 111.9E6 | 71143178 | 500.000 | 500.000 |
| 31) | L7 AR-1260-1 | 6.236 | 6.204 | 224.2E6 | 126.3E6 | 500.000 | 500.000 |
| 32) | L7 AR-1260-2 | 6.426 | 6.392 | 347.3E6 | 172.0E6 | 500.000 | 500.000 |
| 33) | L7 AR-1260-3 | 6.791 | 6.543 | 321.5E6 | 146.8E6 | 500.000 | 500.000 |
| 34) | L7 AR-1260-4 | 7.051 | 7.012 | 226.3E6 | 102.1E6 | 500.000 | 500.000 |
| 35) | L7 AR-1260-5 | 7.294 | 7.255 | 619.4E6 | 233.0E6 | 500.000 | 500.000 |

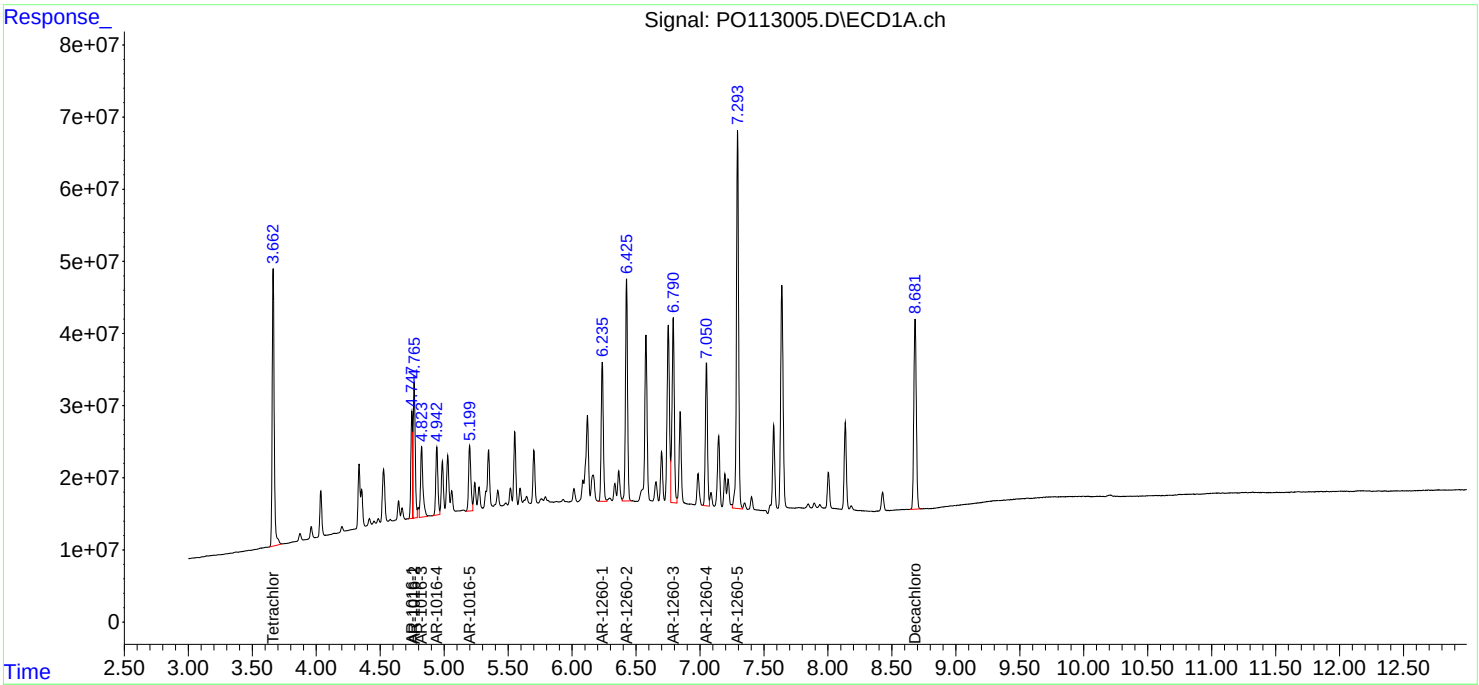
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

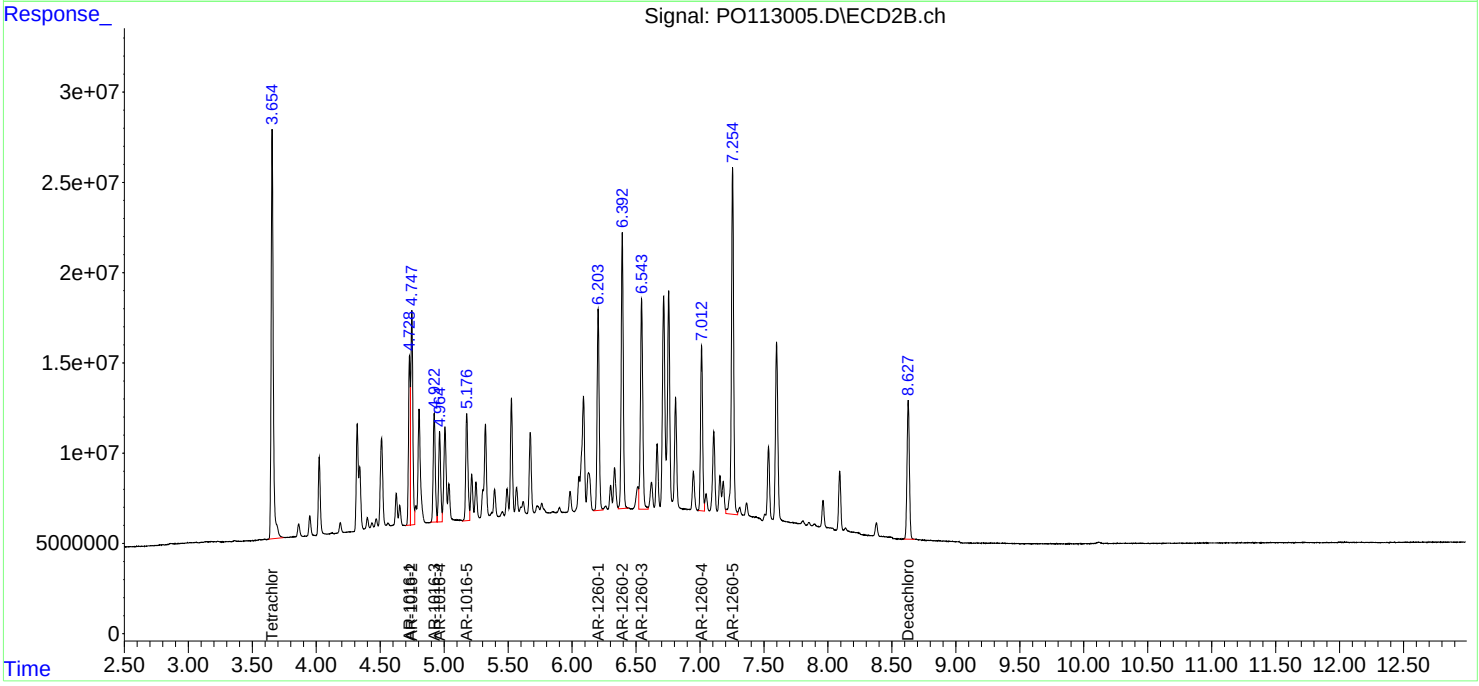
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:29
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

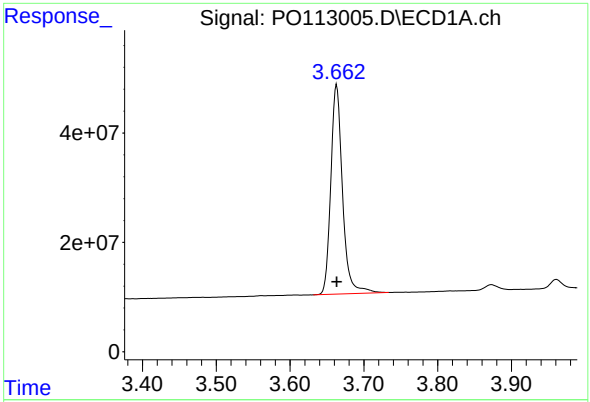
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 10:55:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



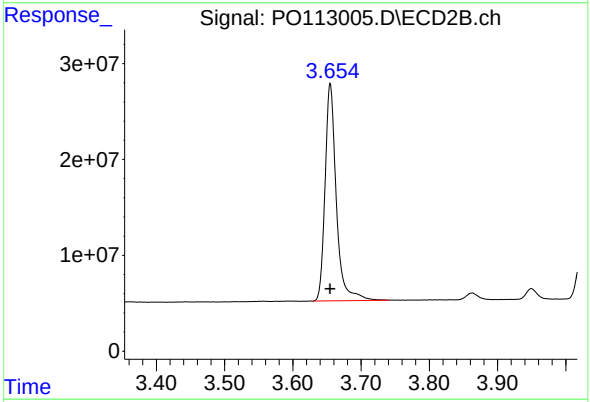






#1 Tetrachloro-m-xylene

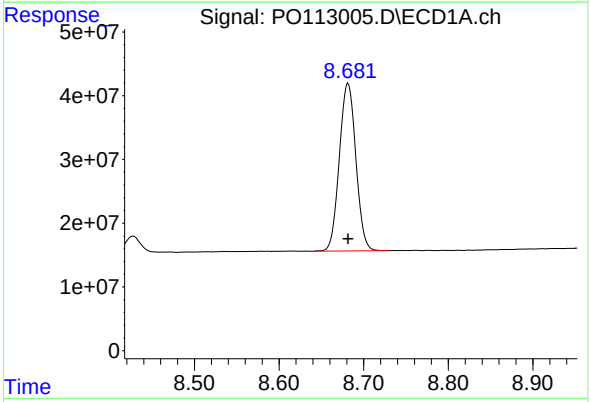
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 422061925
Conc: 50.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC500



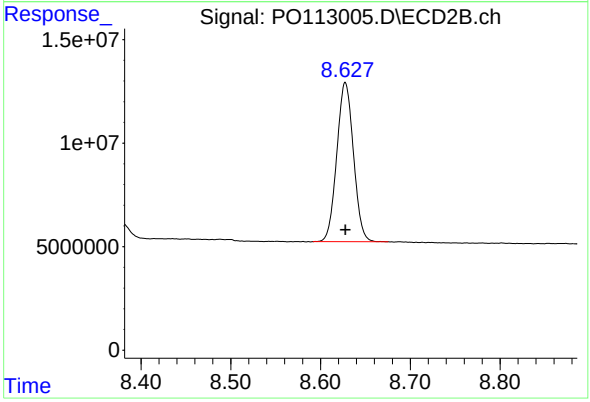

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 259364295
Conc: 50.00 ng/ml



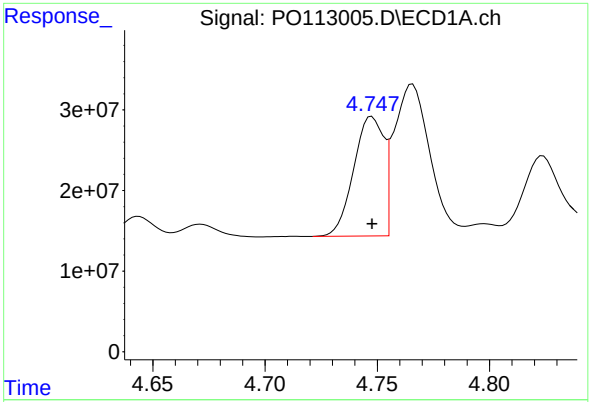

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 357065982
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

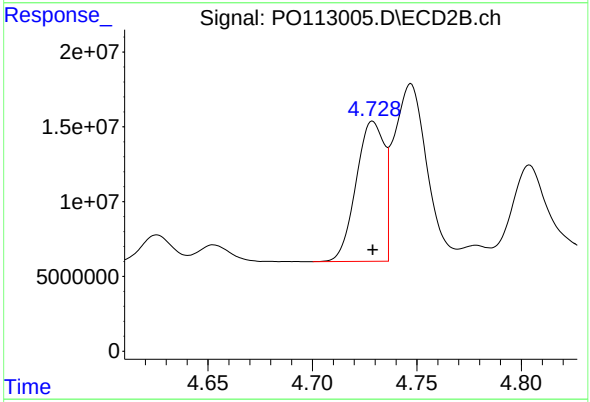
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 99292808
Conc: 50.00 ng/ml




#3 AR-1016-1

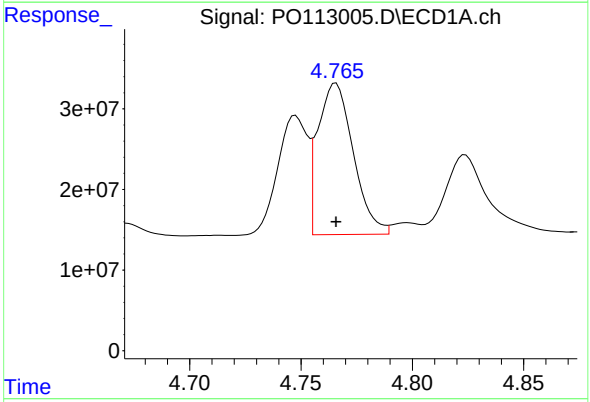
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 137967020
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC500



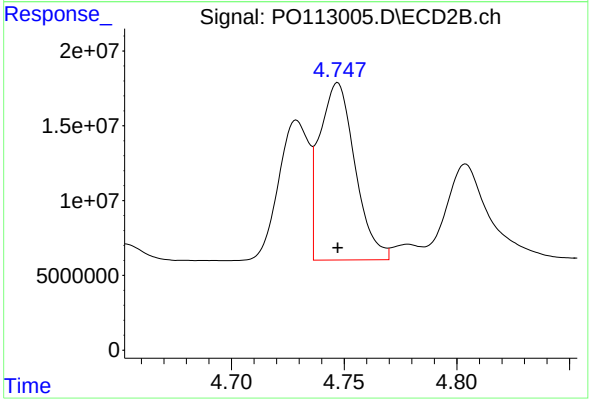

#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 87514764
Conc: 500.00 ng/ml



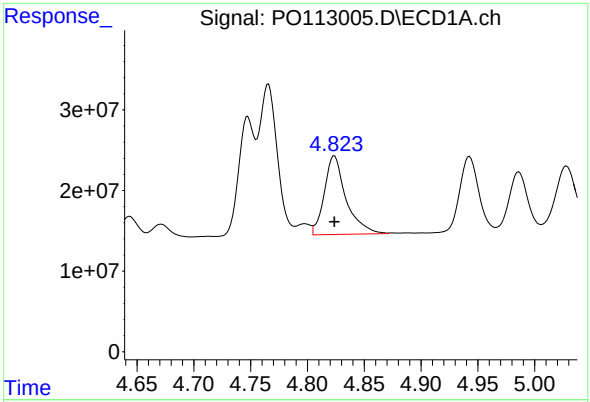

#4 AR-1016-2

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 208074339
Conc: 500.00 ng/ml




#4 AR-1016-2

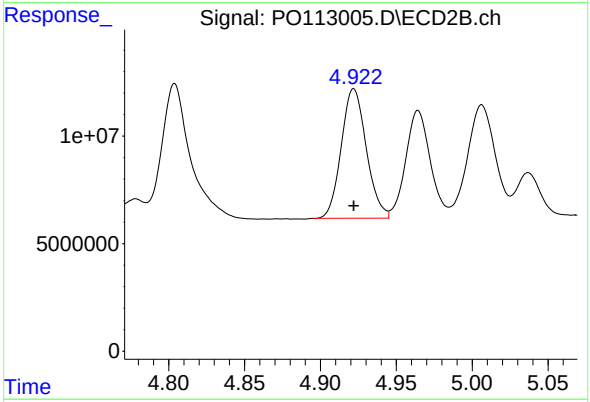
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 130162496
Conc: 500.00 ng/ml




#5 AR-1016-3

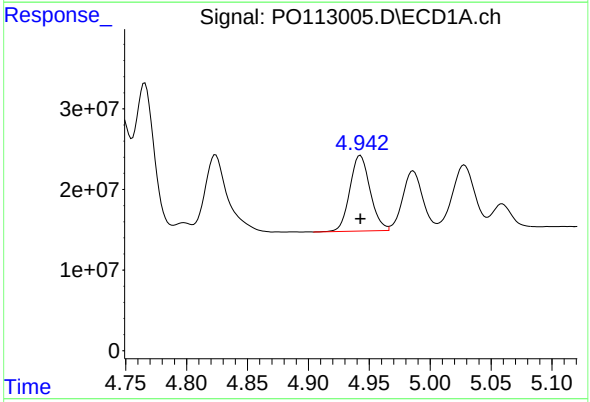
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 130051648
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC500



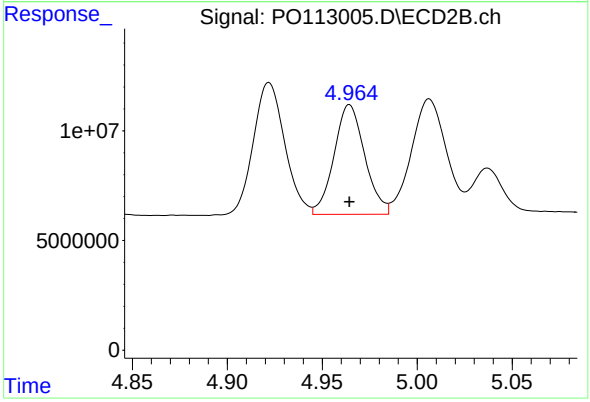

#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 69202067
Conc: 500.00 ng/ml



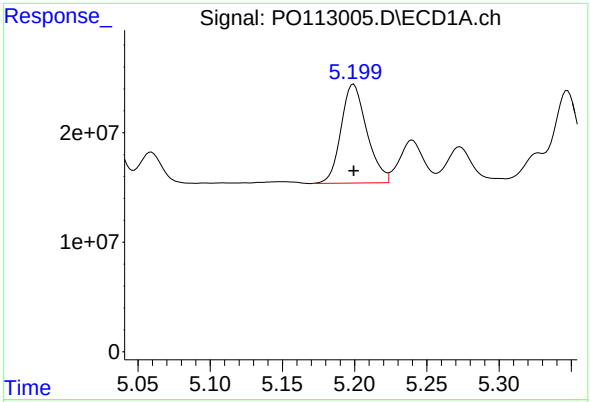

#6 AR-1016-4

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 108698420
Conc: 500.00 ng/ml




#6 AR-1016-4

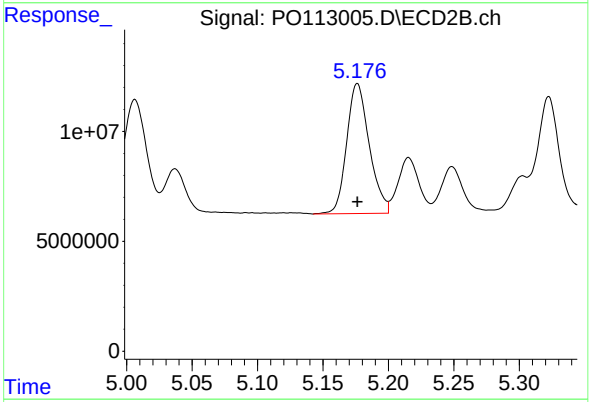
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 56234948
Conc: 500.00 ng/ml




#7 AR-1016-5

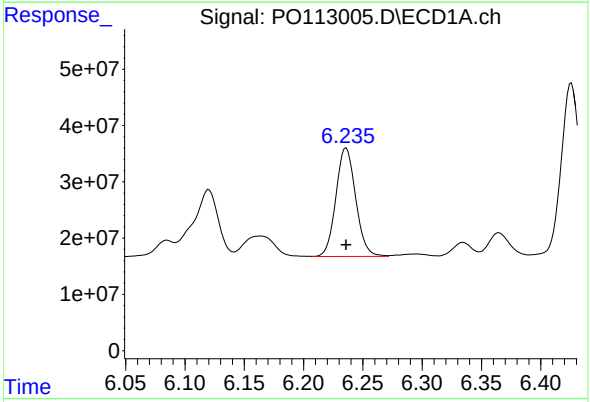
R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 111871666
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC500



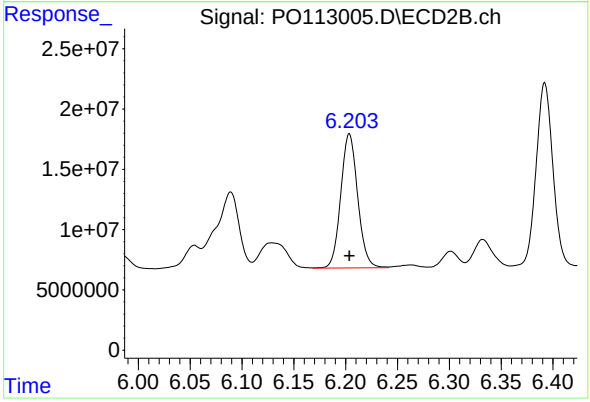

#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 71143178
Conc: 500.00 ng/ml



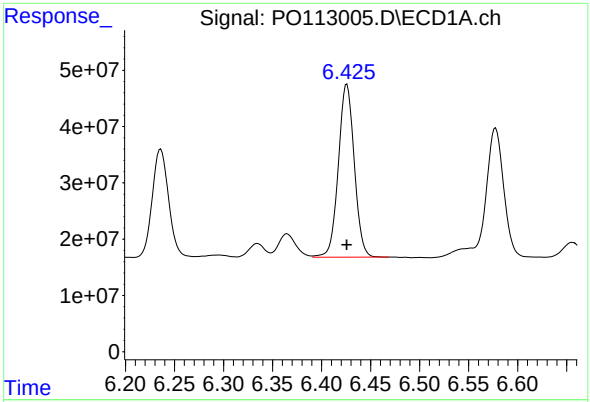

#31 AR-1260-1

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 224175211
Conc: 500.00 ng/ml




#31 AR-1260-1

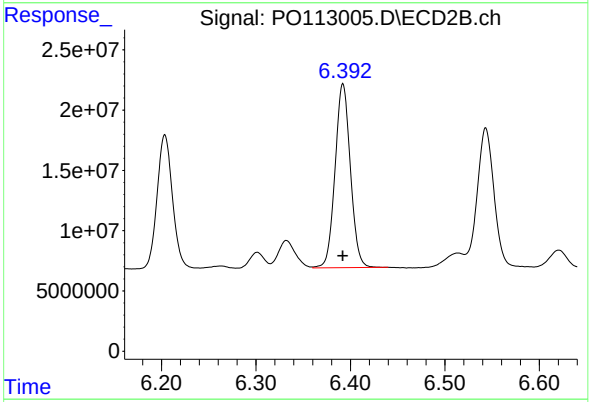
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 126287369
Conc: 500.00 ng/ml




#32 AR-1260-2

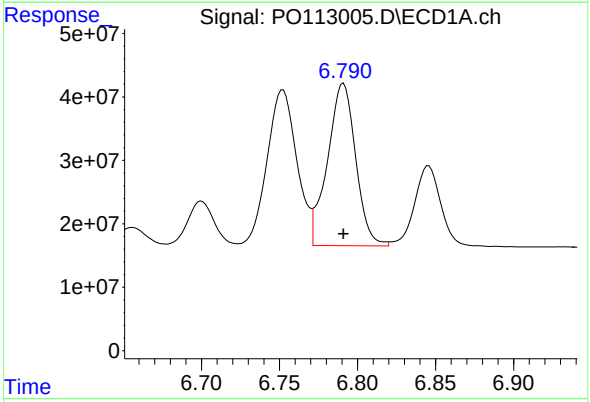
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 347295628
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC500



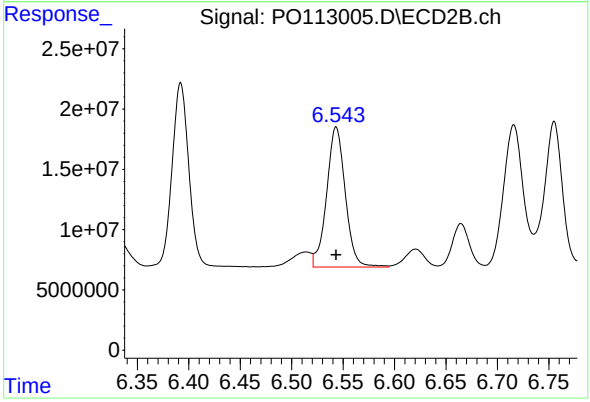

#32 AR-1260-2

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 171955174
Conc: 500.00 ng/ml



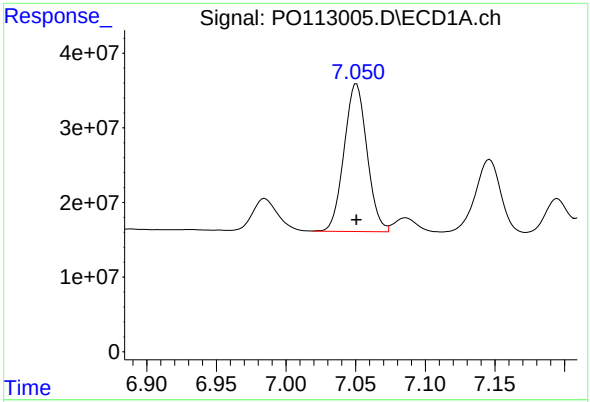

#33 AR-1260-3

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 321464795
Conc: 500.00 ng/ml




#33 AR-1260-3

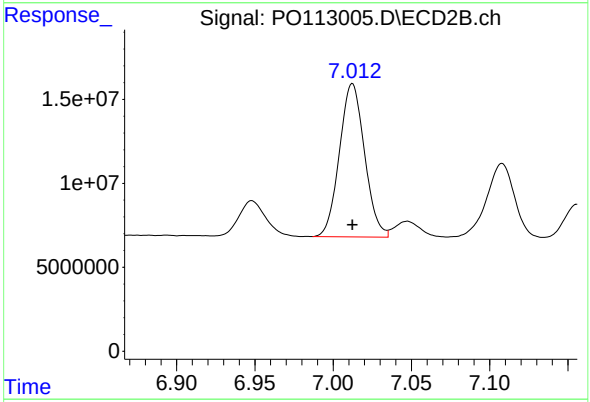
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 146806320
Conc: 500.00 ng/ml




#34 AR-1260-4

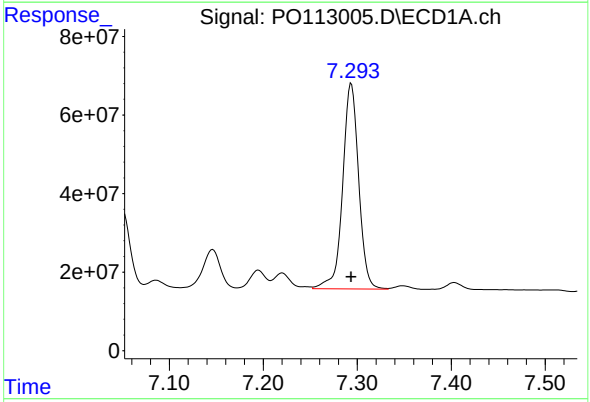
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 226340656
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC500



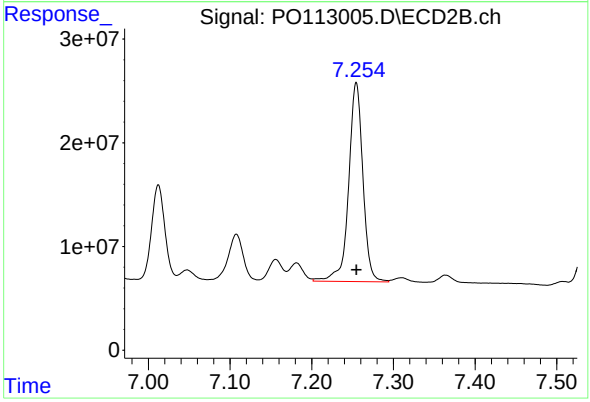

#34 AR-1260-4

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 102127648
Conc: 500.00 ng/ml




#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 619367124
Conc: 500.00 ng/ml




#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 232951368
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:48
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:05:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 3.663 | 3.655 | 209.3E6 | 128.8E6 | 25.219 | 25.308 |
| 2) | SA Decachlor... | 8.682 | 8.628 | 179.4E6 | 49857232 | 25.708 | 25.804 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.748 | 4.729 | 69060319 | 44878381 | 256.628 | 264.562 |
| 4) | L1 AR-1016-2 | 4.767 | 4.747 | 104.5E6 | 66927854 | 256.723 | 261.652 |
| 5) | L1 AR-1016-3 | 4.824 | 4.922 | 65227510 | 36041951 | 257.046 | 265.672 |
| 6) | L1 AR-1016-4 | 4.943 | 4.965 | 54611515 | 29903236 | 257.799 | 272.394 |
| 7) | L1 AR-1016-5 | 5.200 | 5.176 | 56506595 | 37101840 | 262.358 | 268.120 |
| 31) | L7 AR-1260-1 | 6.236 | 6.204 | 116.5E6 | 68060116 | 265.922 | 273.716 |
| 32) | L7 AR-1260-2 | 6.426 | 6.392 | 179.5E6 | 89256145 | 262.801 | 265.845 |
| 33) | L7 AR-1260-3 | 6.792 | 6.543 | 160.9E6 | 78252684 | 258.161 | 273.173 |
| 34) | L7 AR-1260-4 | 7.051 | 7.013 | 118.8E6 | 51852007 | 267.279 | 262.035 |
| 35) | L7 AR-1260-5 | 7.293 | 7.255 | 316.5E6 | 117.5E6 | 260.221 | 260.980 |

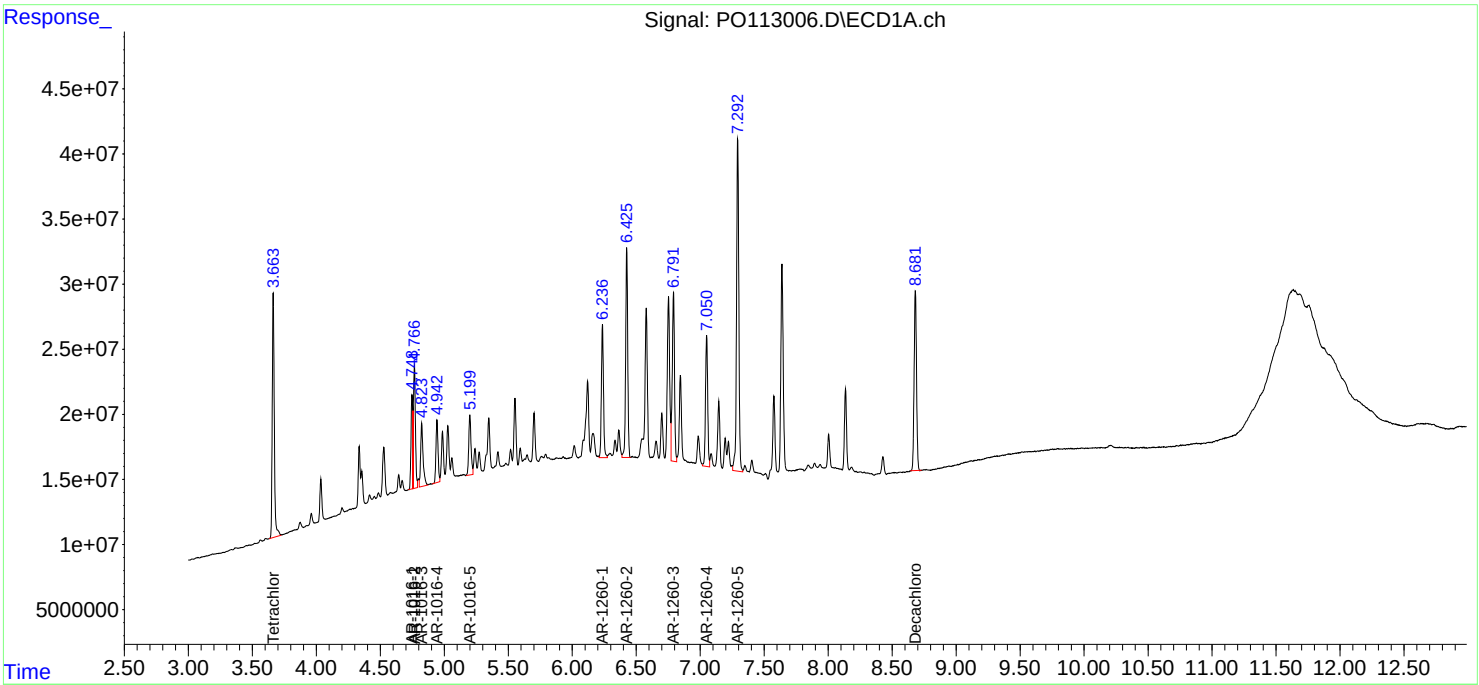
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

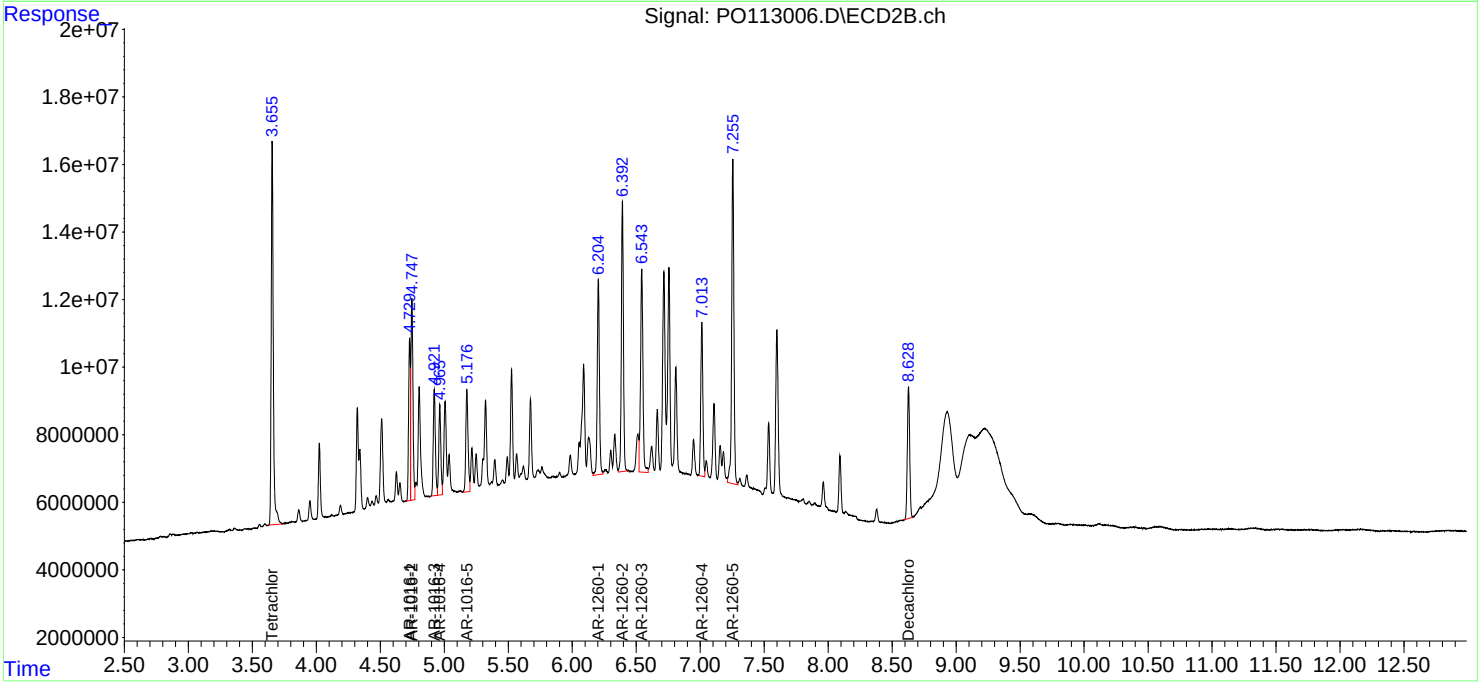
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 10:48
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

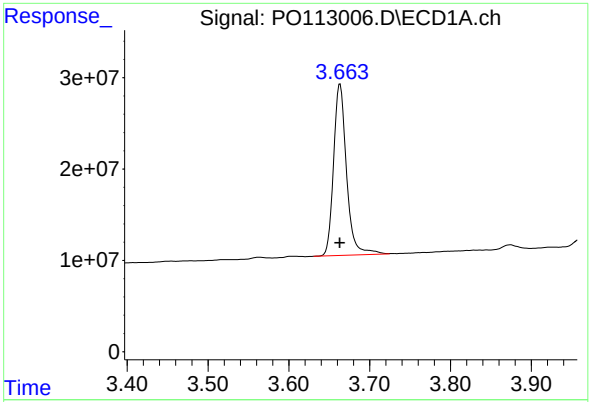
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:05:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 10:55:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



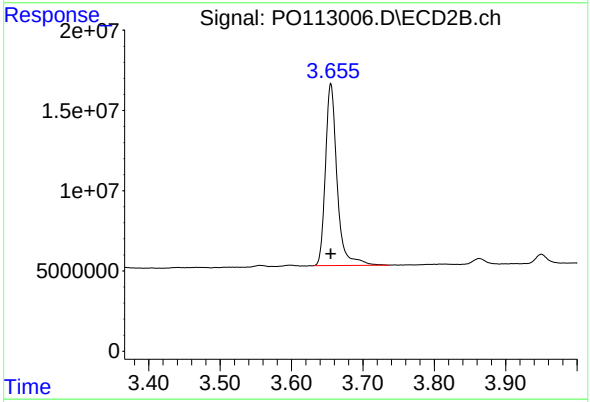






#1 Tetrachloro-m-xylene

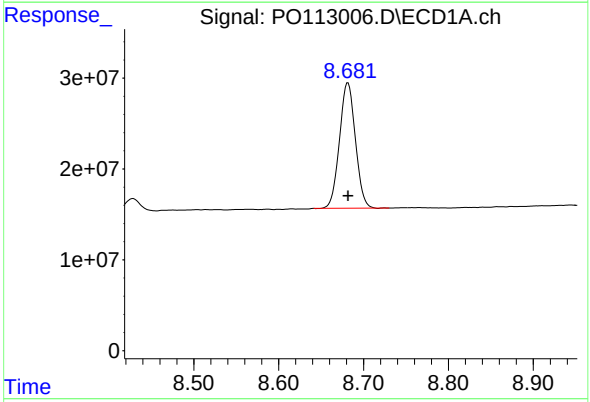
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 209263450
Conc: 25.22 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC250



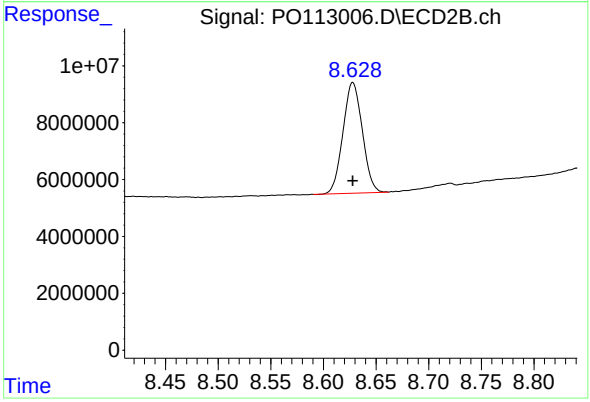

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 128840975
Conc: 25.31 ng/ml



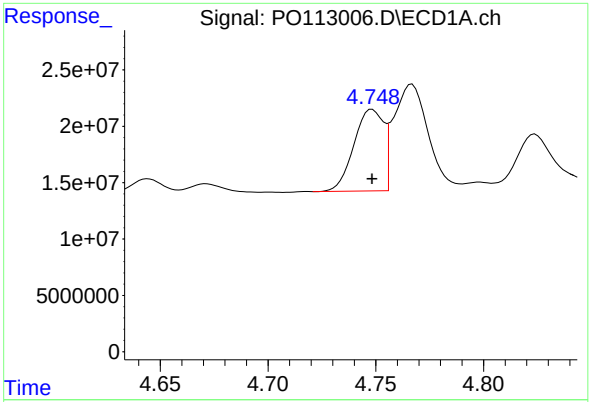

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 179393998
Conc: 25.71 ng/ml




#2 Decachlorobiphenyl

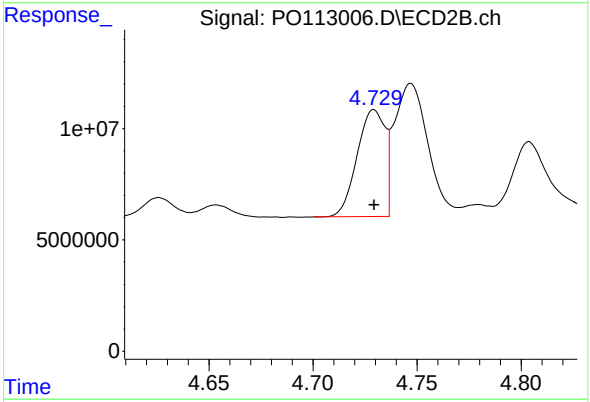
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 49857232
Conc: 25.80 ng/ml




#3 AR-1016-1

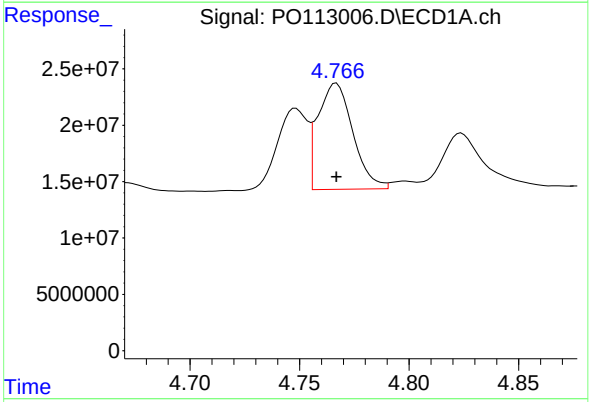
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 69060319
Conc: 256.63 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC250



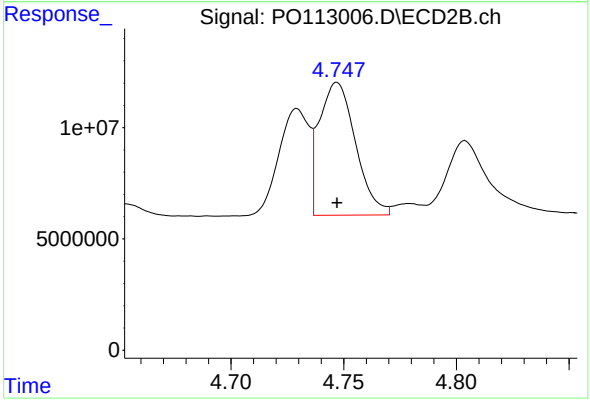

#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 44878381
Conc: 264.56 ng/ml



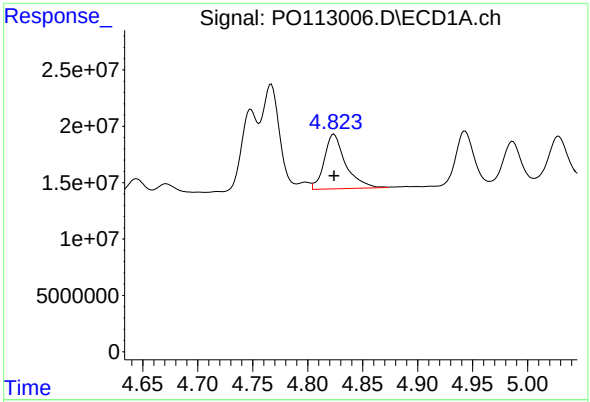

#4 AR-1016-2

R.T.: 4.767 min
Delta R.T.: 0.000 min
Response: 104497855
Conc: 256.72 ng/ml




#4 AR-1016-2

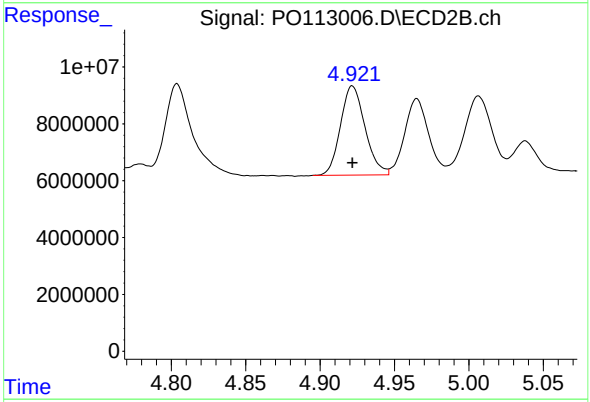
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 66927854
Conc: 261.65 ng/ml




#5 AR-1016-3

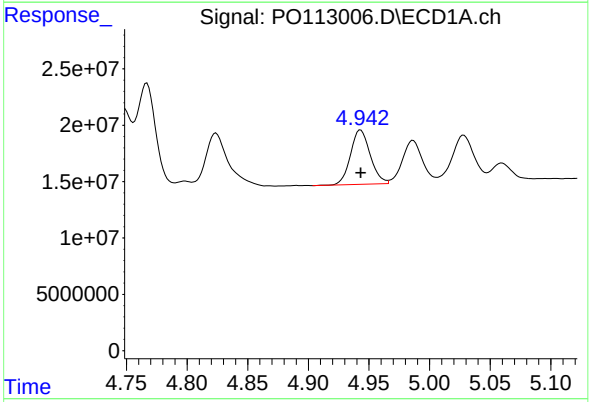
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 65227510
Conc: 257.05 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC250



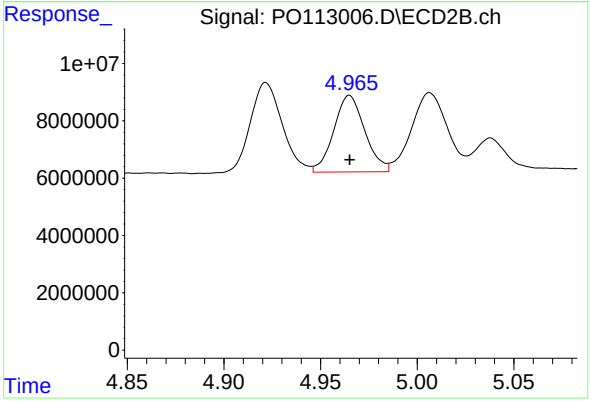

#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 36041951
Conc: 265.67 ng/ml



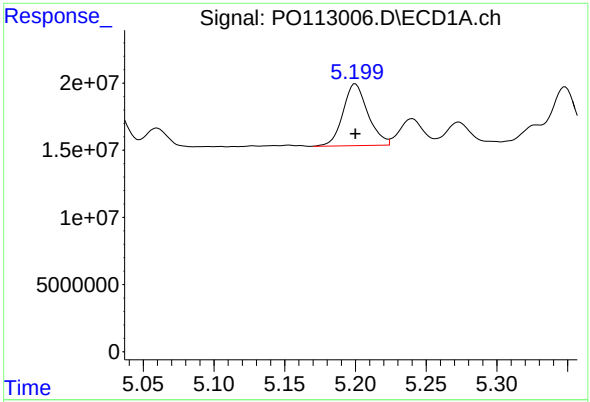

#6 AR-1016-4

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 54611515
Conc: 257.80 ng/ml




#6 AR-1016-4

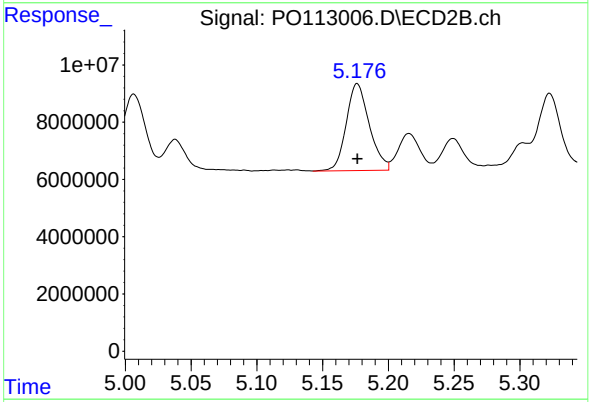
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 29903236
Conc: 272.39 ng/ml




#7 AR-1016-5

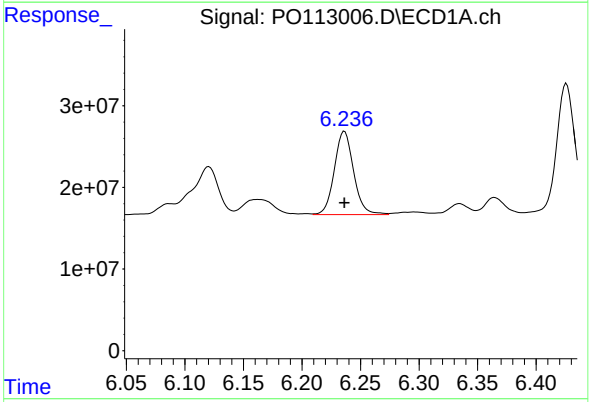
R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 56506595
Conc: 262.36 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC250



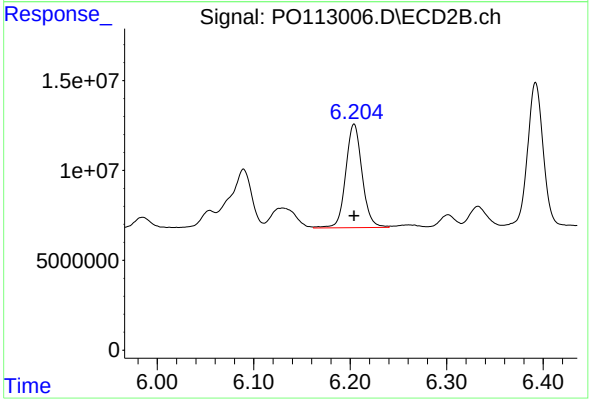

#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 37101840
Conc: 268.12 ng/ml



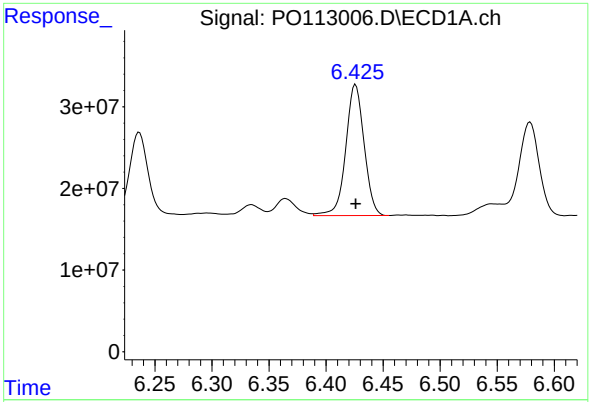

#31 AR-1260-1

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 116525327
Conc: 265.92 ng/ml




#31 AR-1260-1

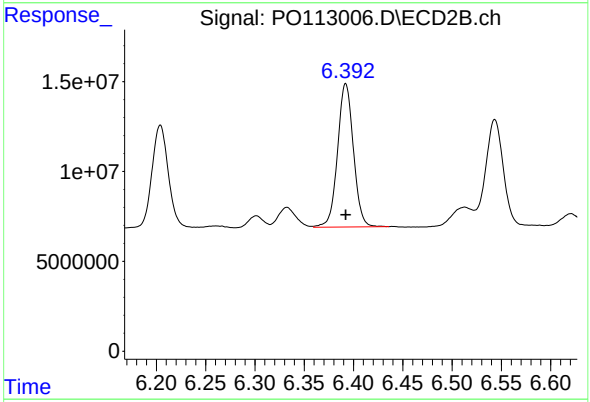
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 68060116
Conc: 273.72 ng/ml




#32 AR-1260-2

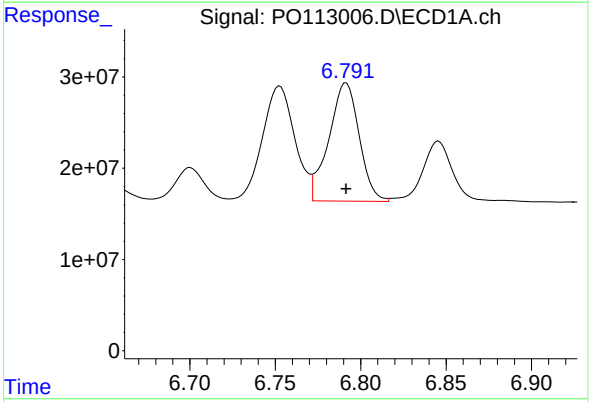
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 179517394
Conc: 262.80 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC250



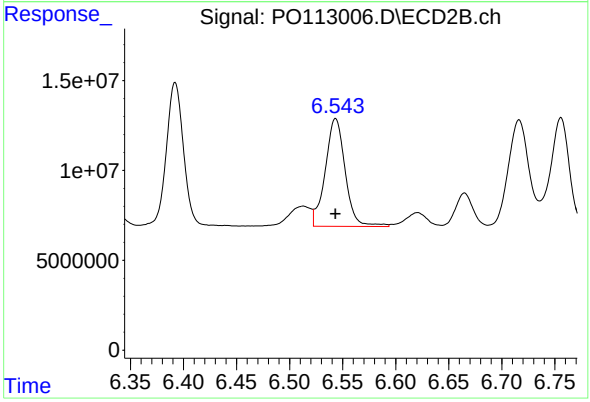

#32 AR-1260-2

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 89256145
Conc: 265.85 ng/ml



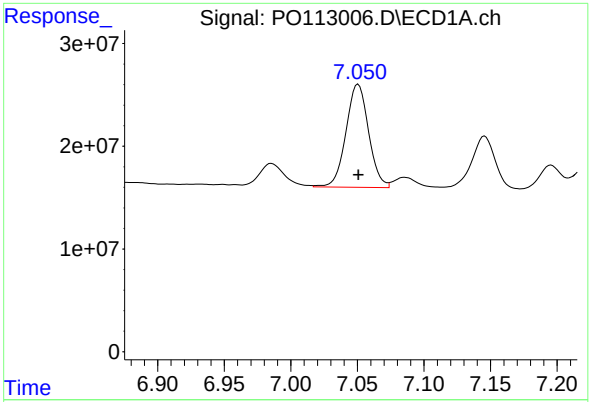

#33 AR-1260-3

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 160924191
Conc: 258.16 ng/ml




#33 AR-1260-3

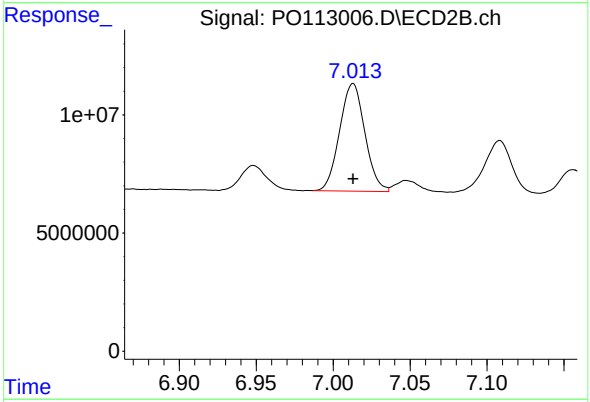
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 78252684
Conc: 273.17 ng/ml




#34 AR-1260-4

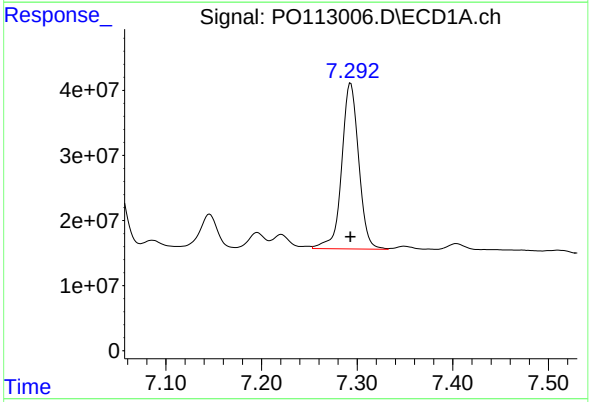
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 118823234
Conc: 267.28 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC250



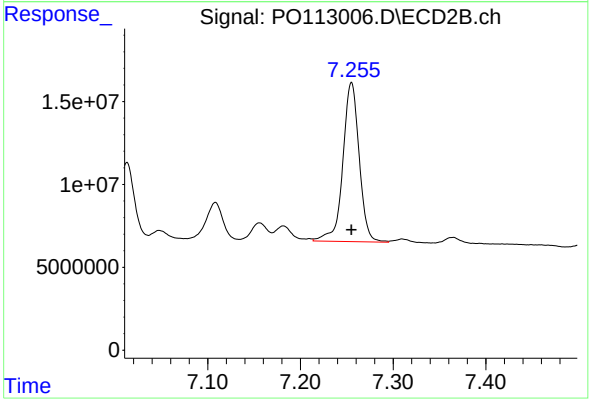

#34 AR-1260-4

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 51852007
Conc: 262.03 ng/ml




#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 316499525
Conc: 260.22 ng/ml




#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 117500040
Conc: 260.98 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:06
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:21:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 11:21:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.663 | 3.654 | 38705497 | 24699023 | 4.728 | 4.881 |
| 2) | SA Decachlor... | 8.681 | 8.626 | 33724342 | 8728376 | 4.865 | 4.606 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.747 | 4.728 | 12924748 | 8716922 | 48.963 | 51.104 |
| 4) | L1 AR-1016-2 | 4.765 | 4.747 | 18948771 | 13256000 | 47.203 | 51.448 |
| 5) | L1 AR-1016-3 | 4.823 | 4.922 | 13003930 | 7770949 | 50.991 | 55.660 |
| 6) | L1 AR-1016-4 | 4.942 | 4.964 | 12149479 | 7218889 | 55.714 | 61.859 |
| 7) | L1 AR-1016-5 | 5.199 | 5.176 | 12331019 | 7956952 | 55.638 | 55.827 |
| 31) | L7 AR-1260-1 | 6.234 | 6.203 | 23856357 | 14036794 | 53.268m | 55.031 |
| 32) | L7 AR-1260-2 | 6.424 | 6.391 | 35062015 | 19279056 | 50.038m | 55.766 |
| 33) | L7 AR-1260-3 | 6.790 | 6.542 | 29698822 | 17066697 | 48.097 | 57.515m |
| 34) | L7 AR-1260-4 | 7.049 | 7.011 | 23055337 | 12235910 | 51.477 | 59.040 |
| 35) | L7 AR-1260-5 | 7.292 | 7.253 | 59416722 | 27062013 | 49.077 | 57.772 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:06
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

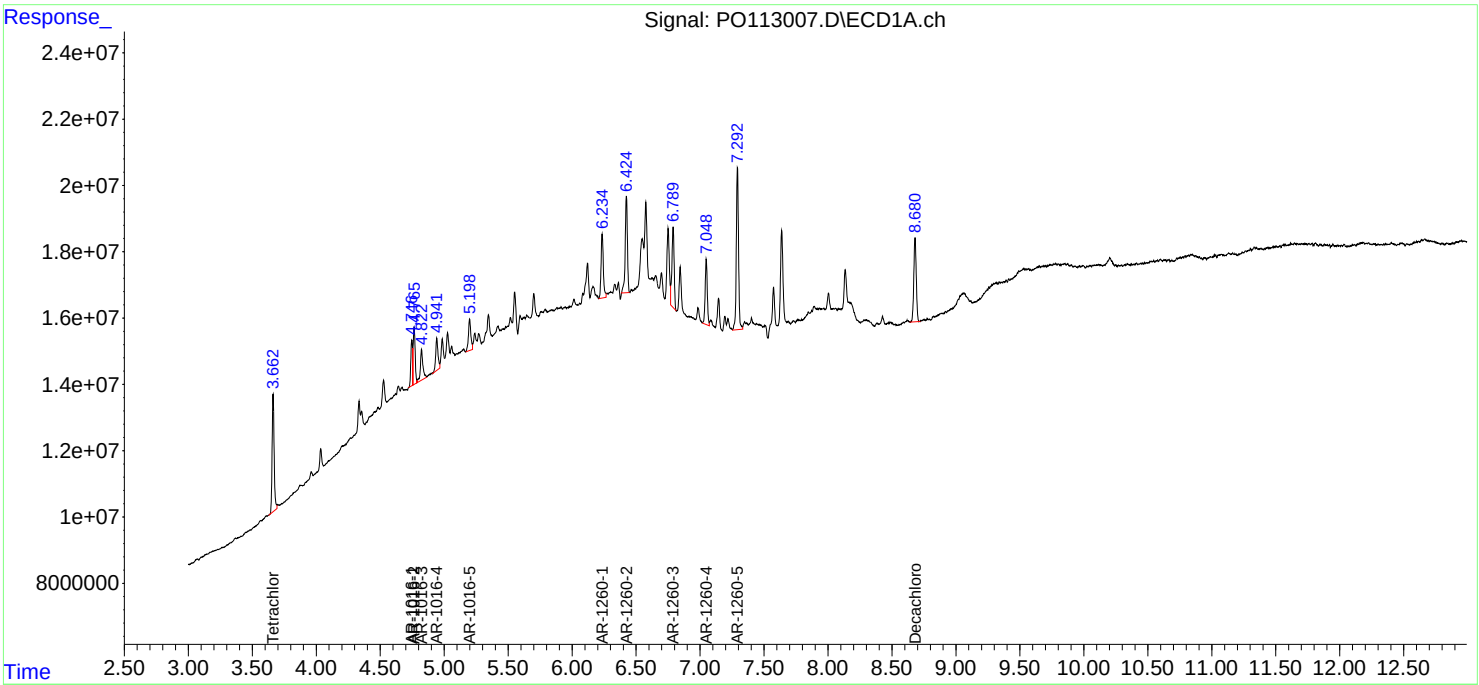
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050

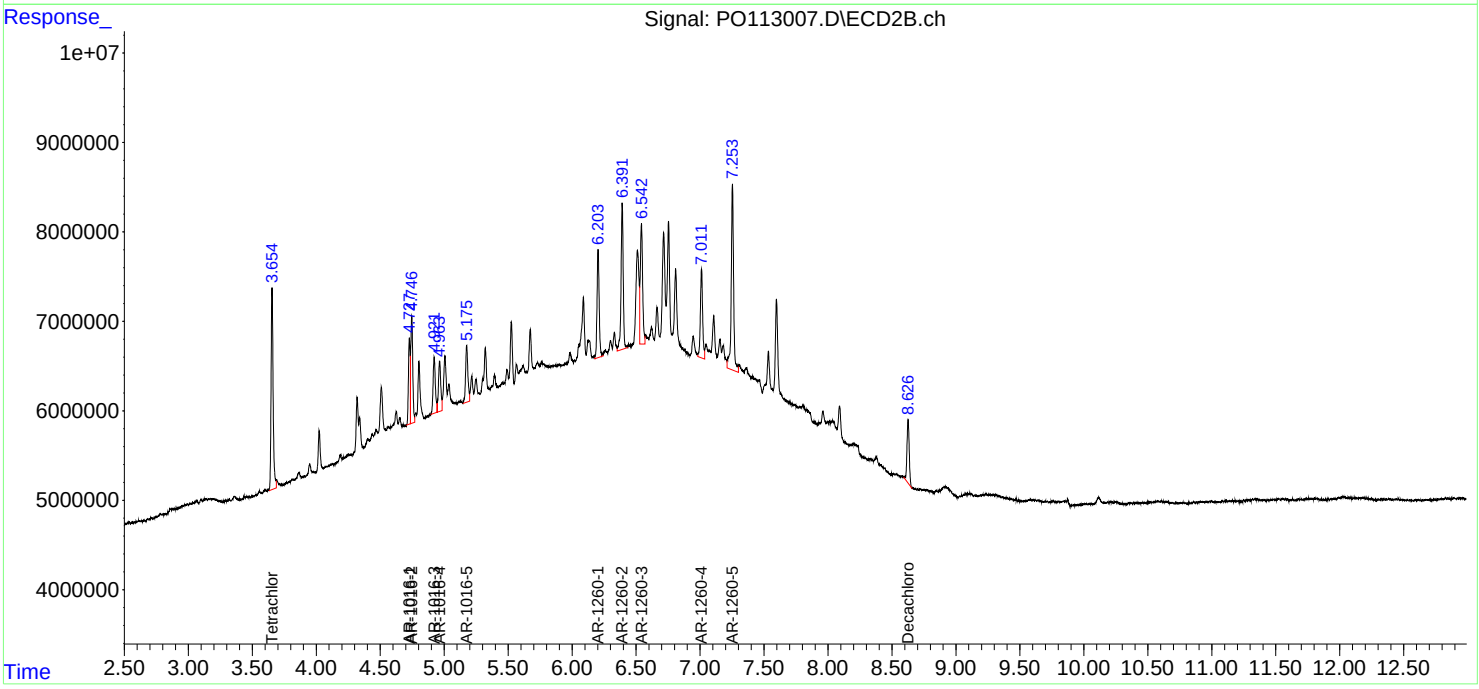
**Manual Integrations APPROVED**

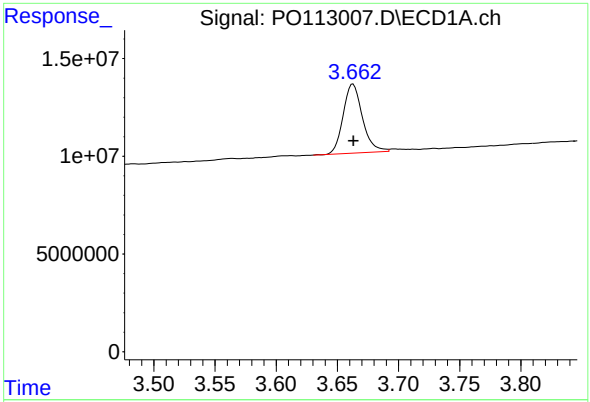
Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:21:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 11:21:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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





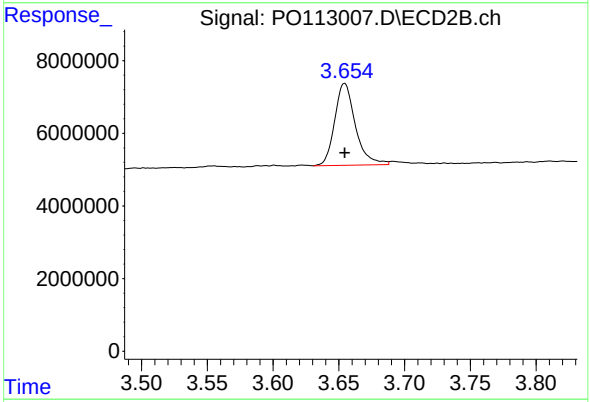

#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 38705497
Conc: 4.73 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050

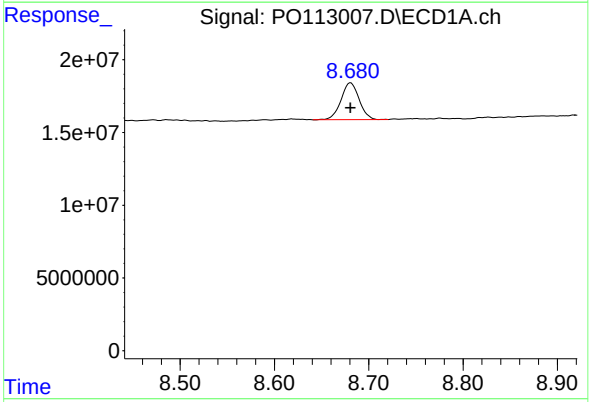
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



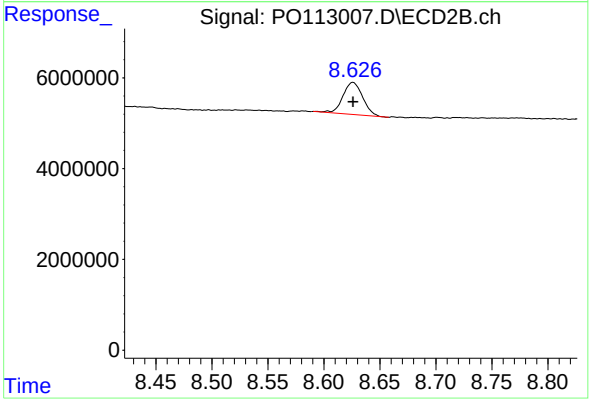

#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: 0.000 min
Response: 24699023
Conc: 4.88 ng/ml



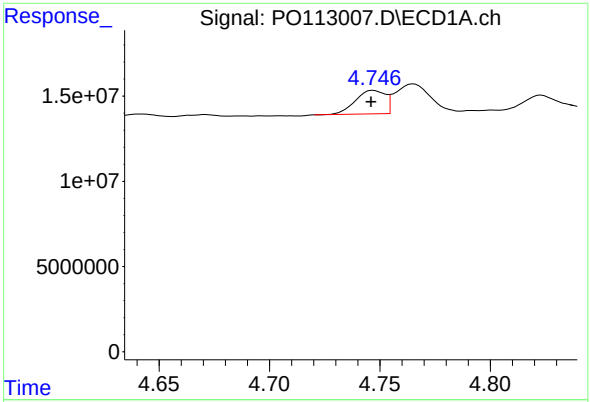

#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 33724342
Conc: 4.87 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.626 min
Delta R.T.: 0.000 min
Response: 8728376
Conc: 4.61 ng/ml



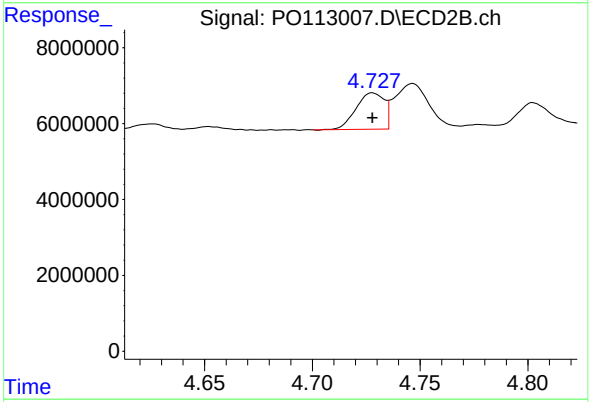

#3 AR-1016-1

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 12924748
Conc: 48.96 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050

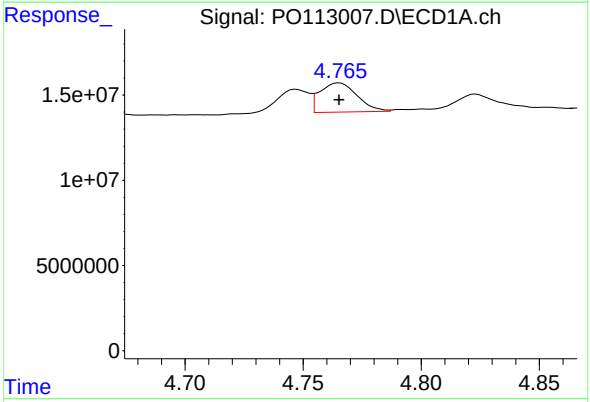
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



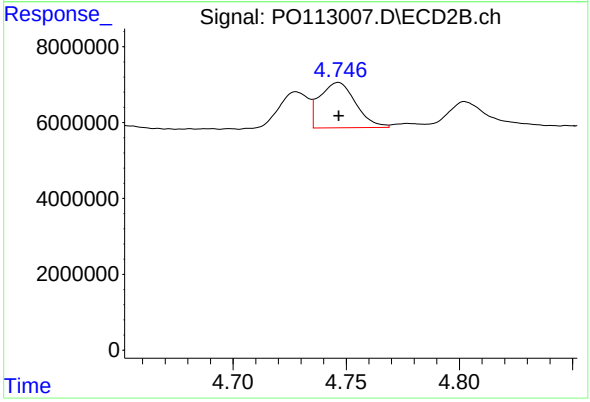

#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 8716922
Conc: 51.10 ng/ml



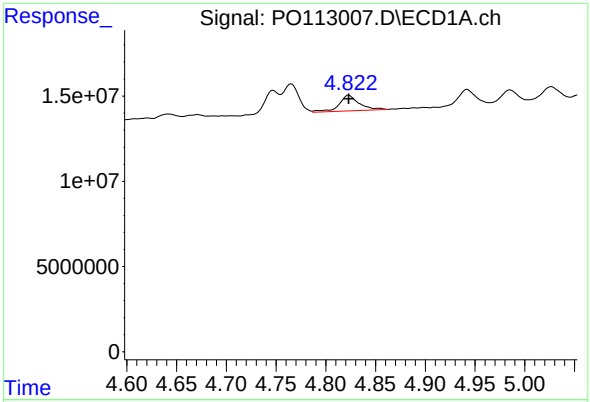

#4 AR-1016-2

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 18948771
Conc: 47.20 ng/ml




#4 AR-1016-2

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 13256000
Conc: 51.45 ng/ml



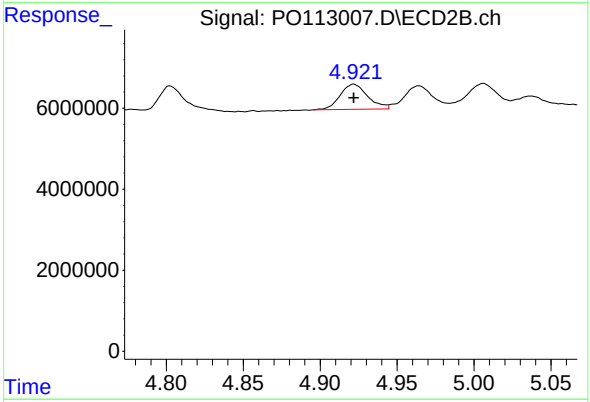

#5 AR-1016-3

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 13003930
Conc: 50.99 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050

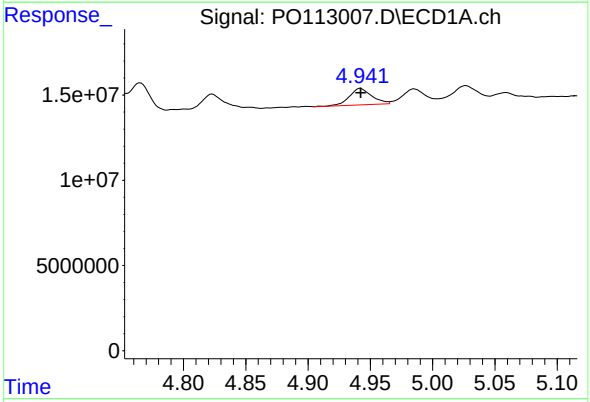
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



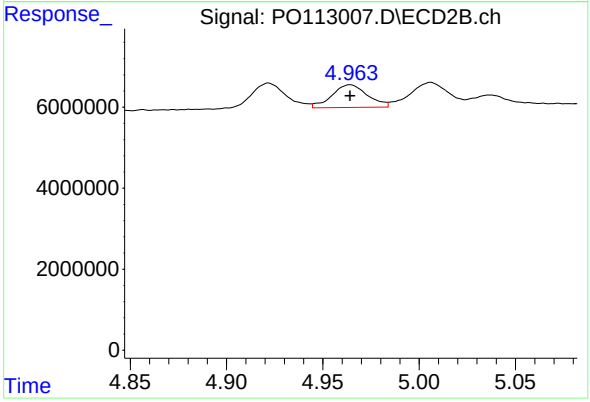

#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 7770949
Conc: 55.66 ng/ml



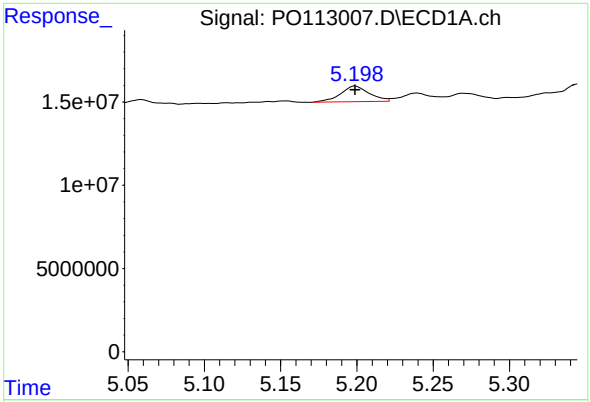

#6 AR-1016-4

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 12149479
Conc: 55.71 ng/ml




#6 AR-1016-4

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 7218889
Conc: 61.86 ng/ml



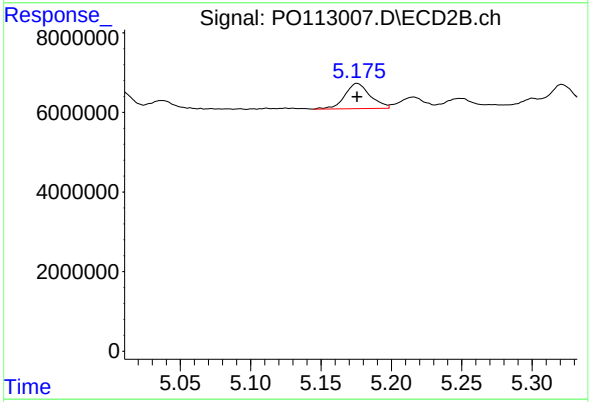

#7 AR-1016-5

R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 12331019
Conc: 55.64 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050

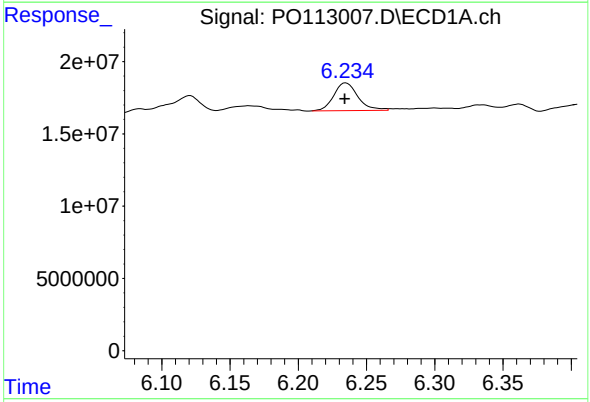
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



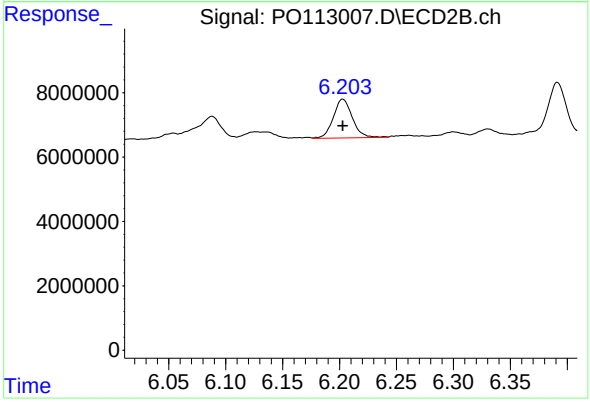

#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 7956952
Conc: 55.83 ng/ml



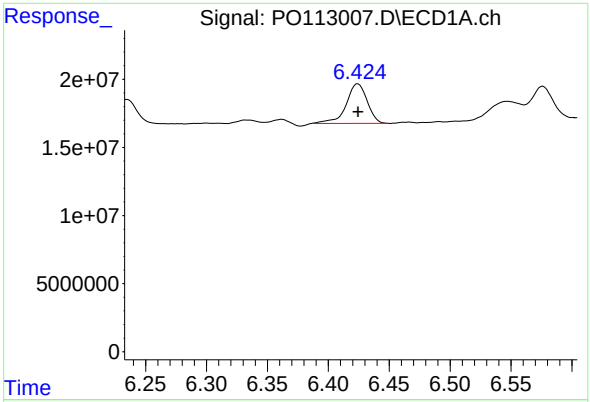

#31 AR-1260-1

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 23856357
Conc: 53.27 ng/ml m




#31 AR-1260-1

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 14036794
Conc: 55.03 ng/ml



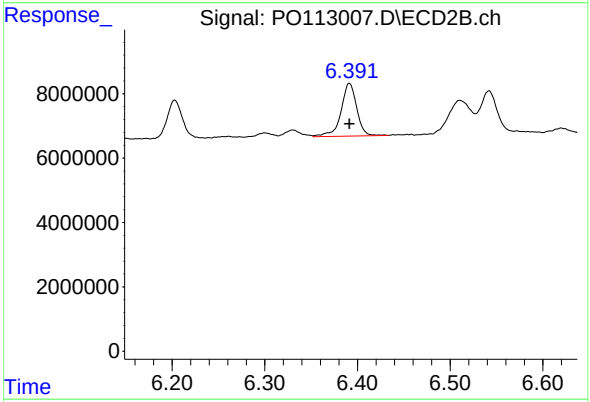

#32 AR-1260-2

R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 35062015
Conc: 50.04 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050

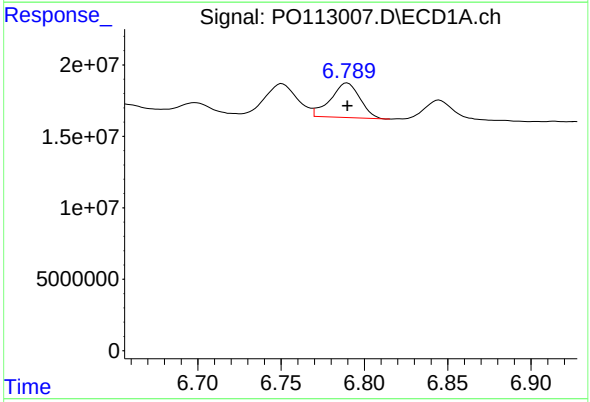
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



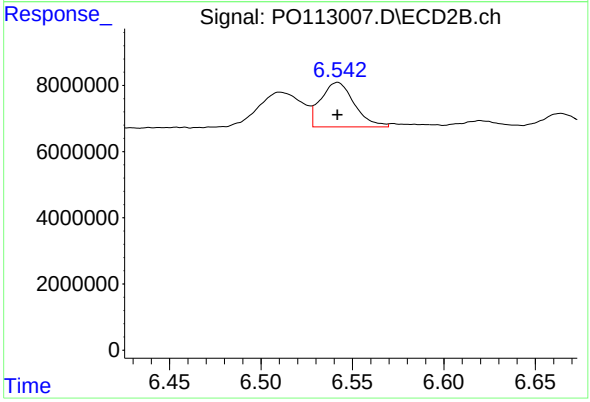

#32 AR-1260-2

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 19279056
Conc: 55.77 ng/ml



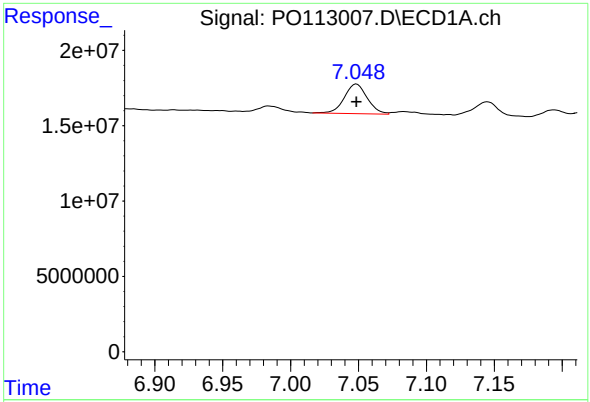

#33 AR-1260-3

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 29698822
Conc: 48.10 ng/ml




#33 AR-1260-3

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 17066697
Conc: 57.52 ng/ml m



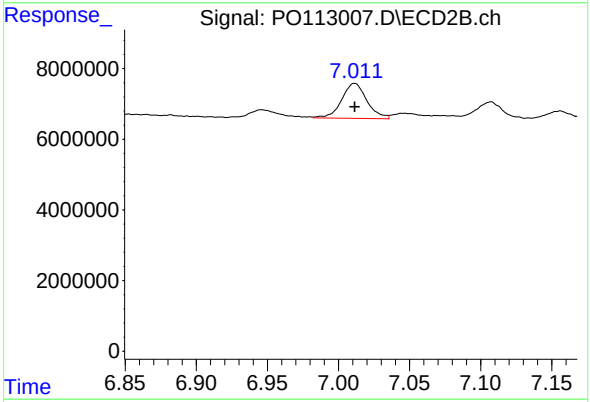

#34 AR-1260-4

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 23055337
Conc: 51.48 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050

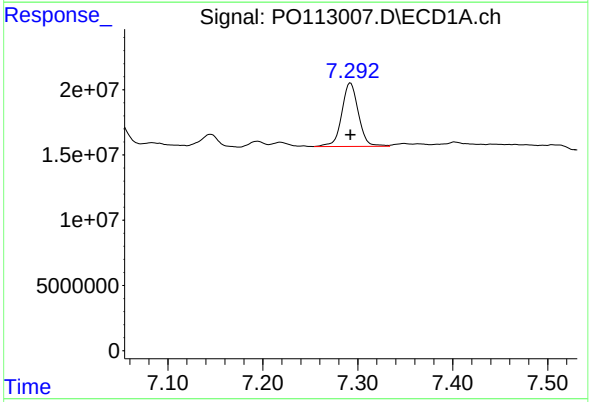
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



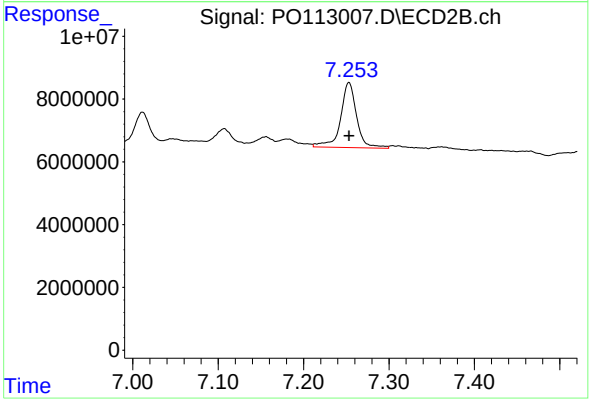

#34 AR-1260-4

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 12235910
Conc: 59.04 ng/ml




#35 AR-1260-5

R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 59416722
Conc: 49.08 ng/ml




#35 AR-1260-5

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 27062013
Conc: 57.77 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:25
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 04:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 04:47:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.663 | 3.655 | 413.6E6 | 254.0E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.682 | 8.627 | 342.9E6 | 94957632 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 8) | L2 AR-1221-1 | 3.874 | 3.864 | 46786628 | 31560573 | 500.000 | 500.000 |
| 9) | L2 AR-1221-2 | 3.960 | 3.950 | 33775329 | 23336608 | 500.000 | 500.000 |
| 10) | L2 AR-1221-3 | 4.036 | 4.024 | 110.7E6 | 74237501 | 500.000 | 500.000 |

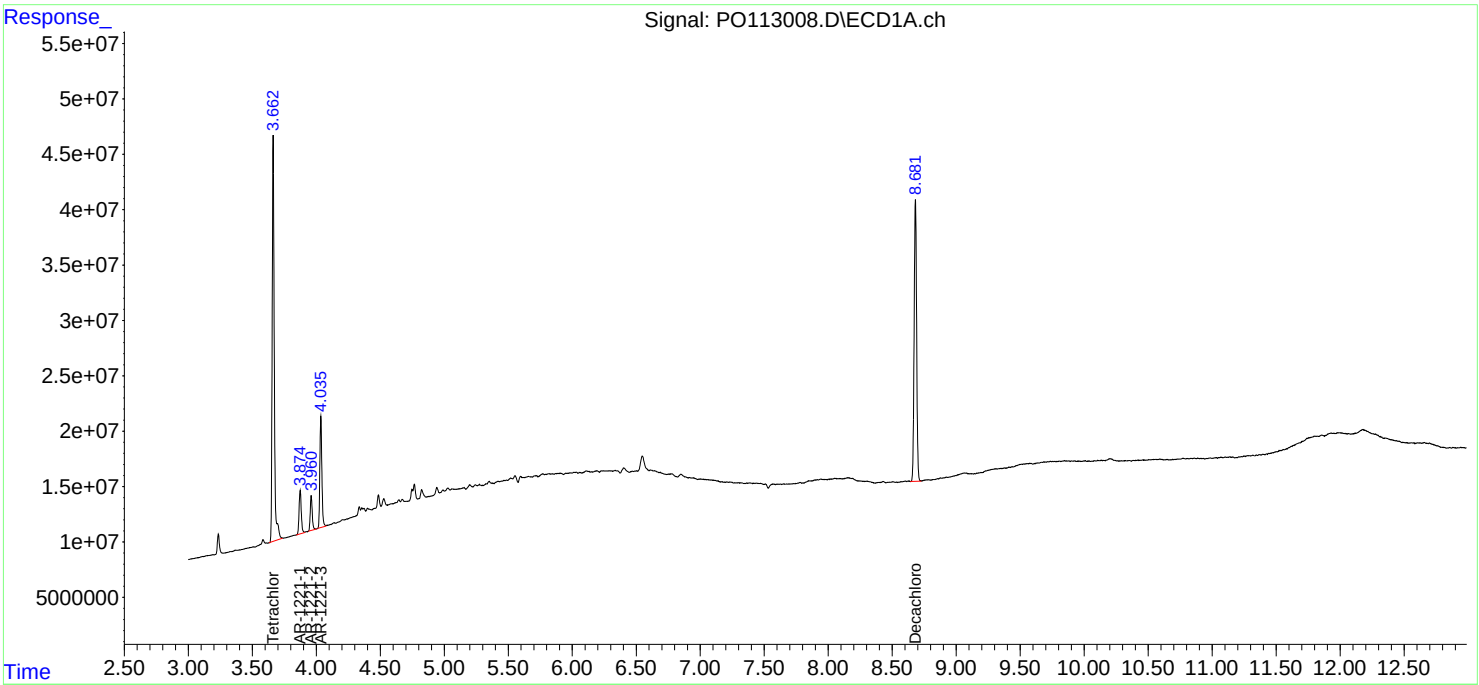
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

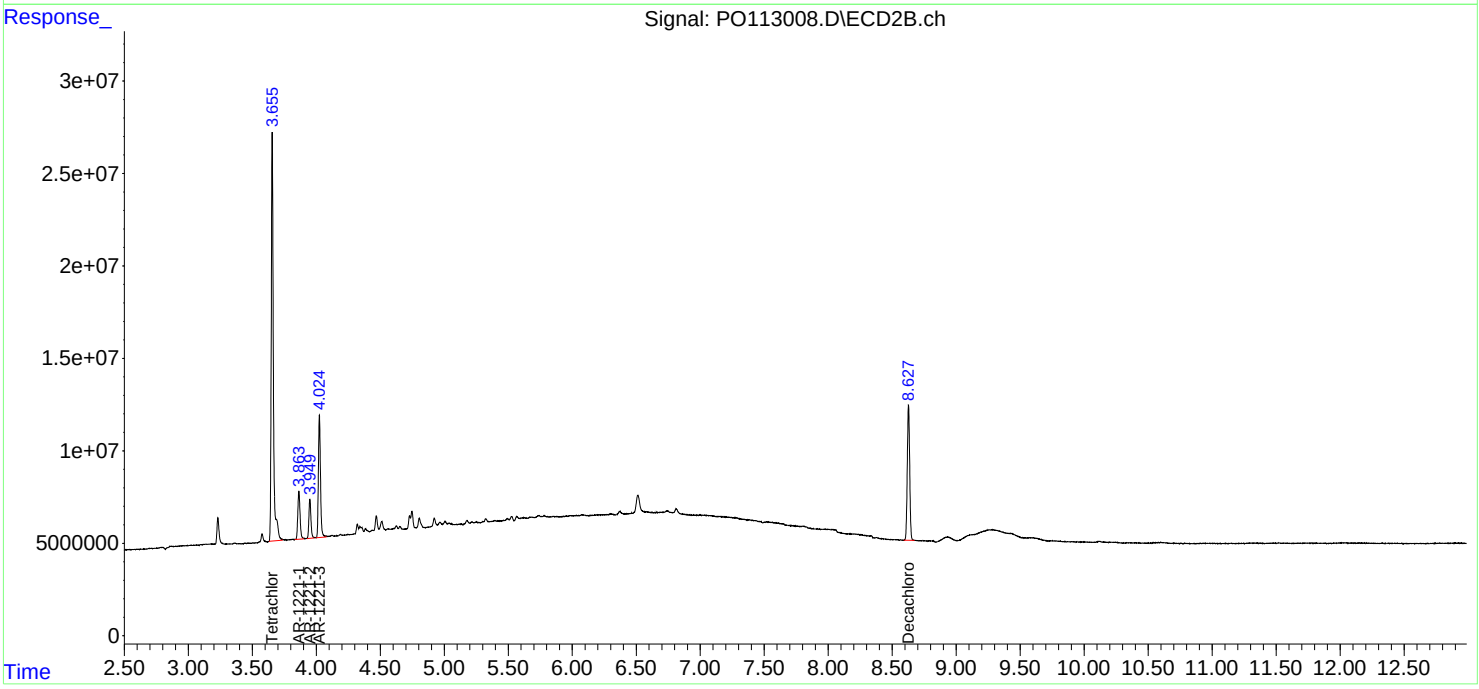
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:25
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

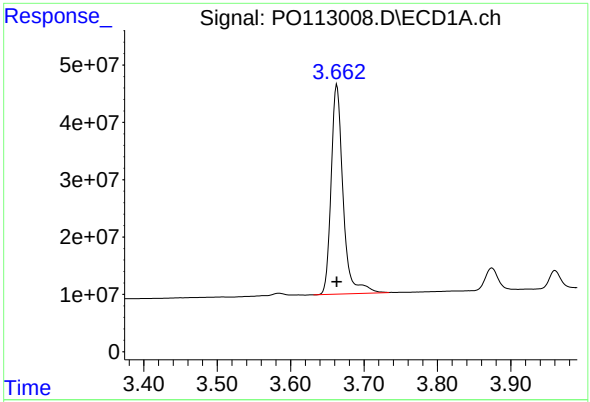
**Instrument :**
ECD_O
**ClientSampleId :**
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 04:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 04:47:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



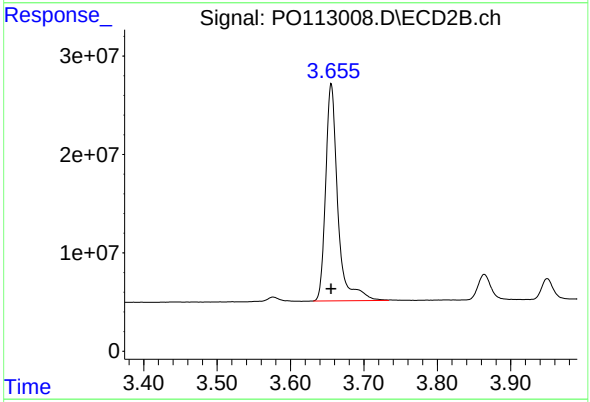






#1 Tetrachloro-m-xylene

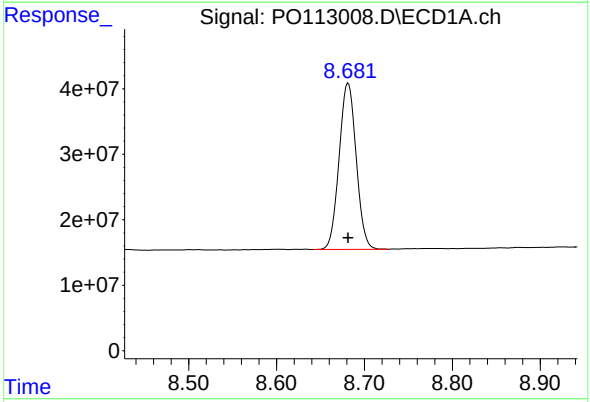
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 413631702
Conc: 50.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1221ICC500



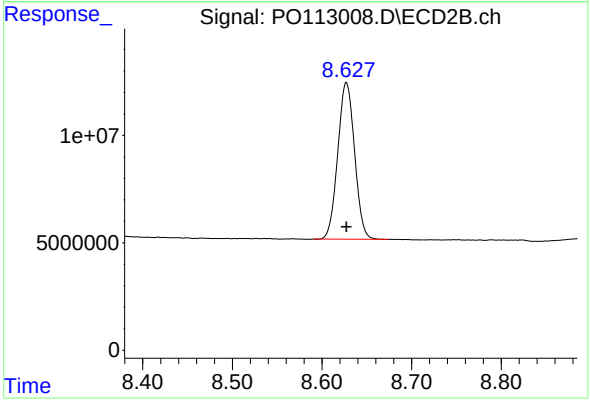

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 253967740
Conc: 50.00 ng/ml



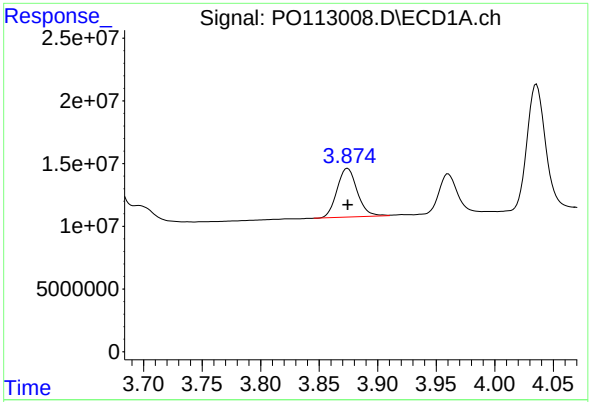

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 342924126
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

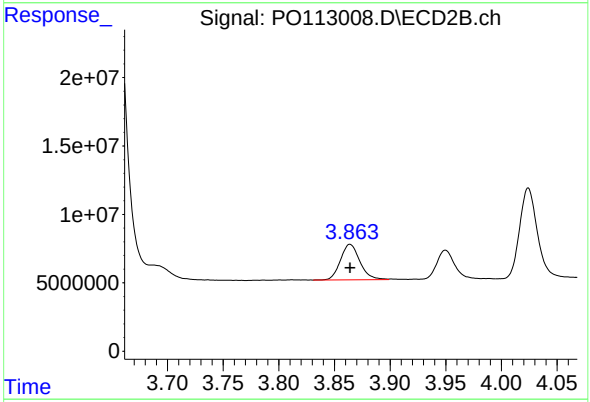
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 94957632
Conc: 50.00 ng/ml




#8 AR-1221-1

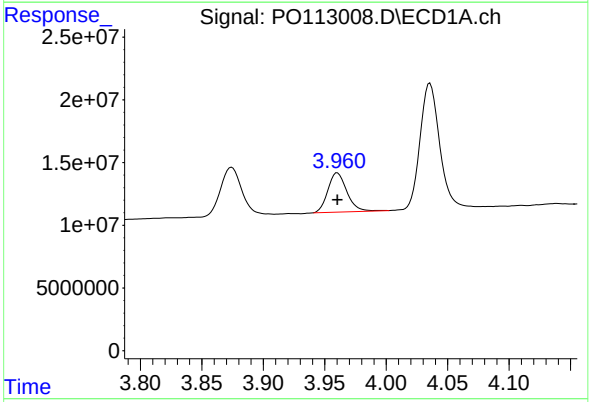
R.T.: 3.874 min
Delta R.T.: 0.000 min
Response: 46786628
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1221ICC500



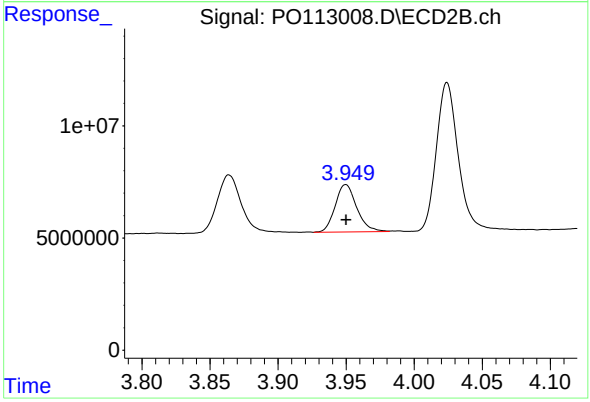

#8 AR-1221-1

R.T.: 3.864 min
Delta R.T.: 0.000 min
Response: 31560573
Conc: 500.00 ng/ml



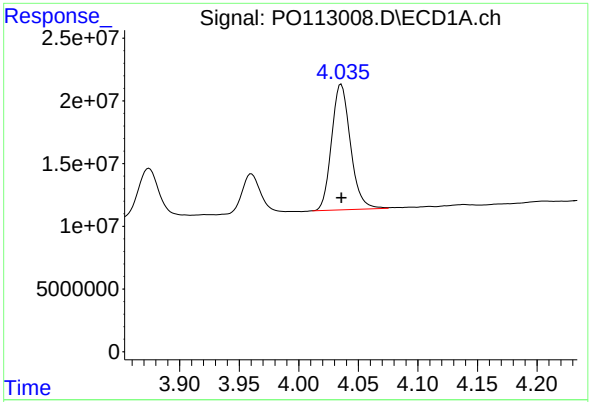

#9 AR-1221-2

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 33775329
Conc: 500.00 ng/ml




#9 AR-1221-2

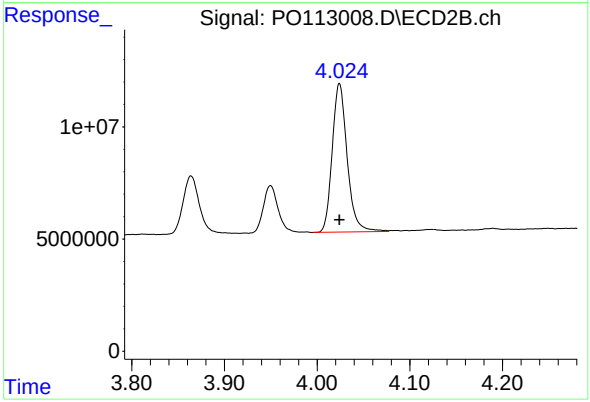
R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 23336608
Conc: 500.00 ng/ml




#10 AR-1221-3

R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 110675568
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1221ICC500




#10 AR-1221-3

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 74237501
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:43
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 04:57:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 04:57:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 3.663 | 3.655 | 425.2E6 | 260.6E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.682 | 8.628 | 358.9E6 | 97760702 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 11) | L3 AR-1232-1 | 4.036 | 4.023 | 87003202 | 58701316 | 500.000 | 500.000 |
| 12) | L3 AR-1232-2 | 4.527 | 4.747 | 49926230 | 61272548 | 500.000 | 500.000 |
| 13) | L3 AR-1232-3 | 4.767 | 4.922 | 94737736 | 31672814 | 500.000 | 500.000 |
| 14) | L3 AR-1232-4 | 4.942 | 5.006 | 47084775 | 28110590 | 500.000 | 500.000 |
| 15) | L3 AR-1232-5 | 4.986 | 5.176 | 30971484 | 29931775 | 500.000 | 500.000 |

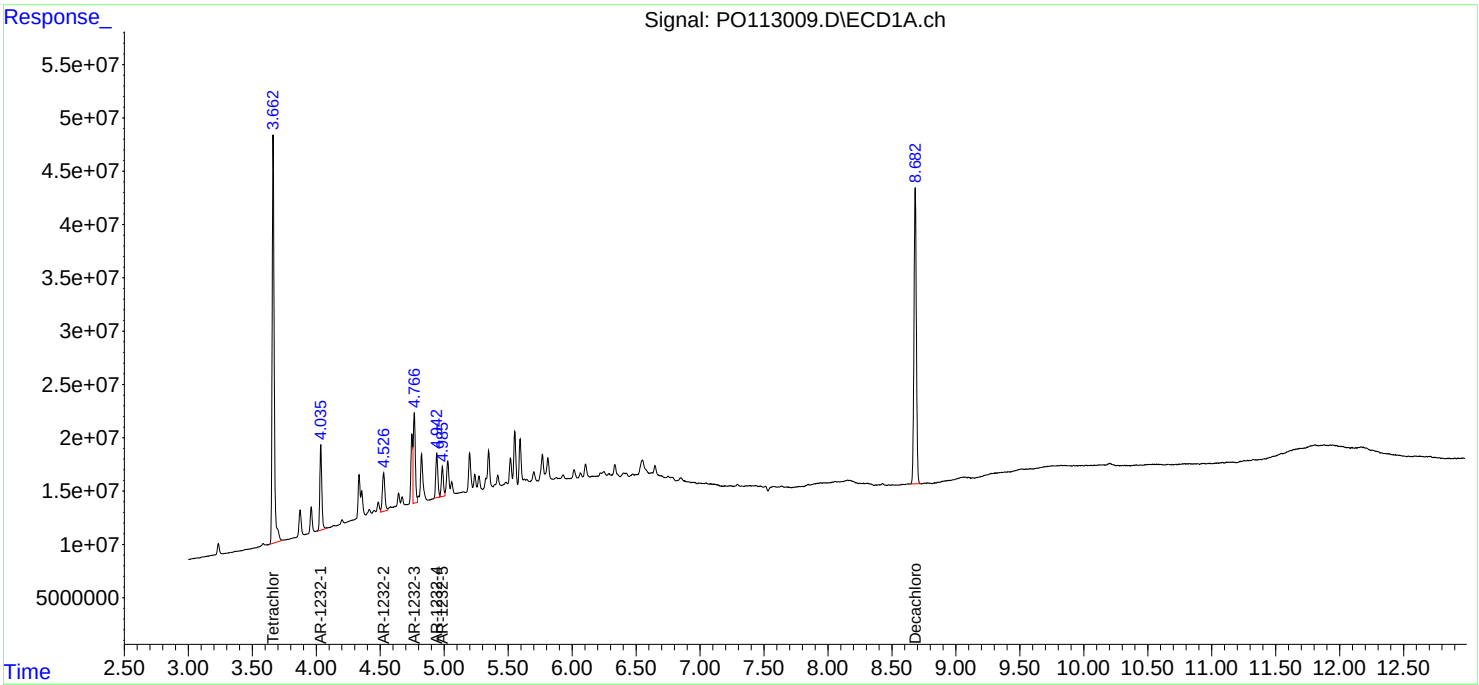
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

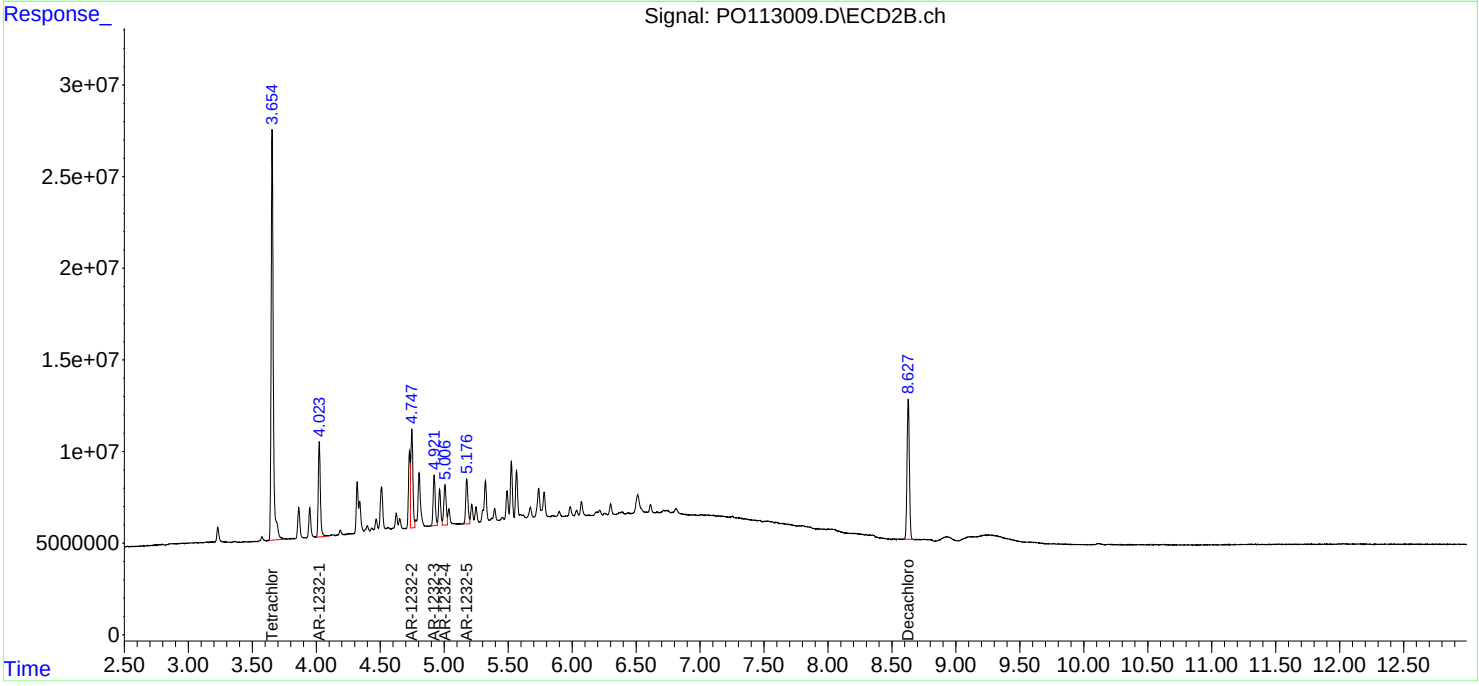
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:43
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

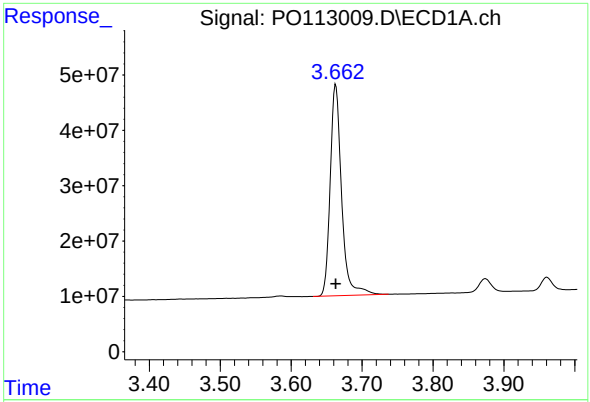
**Instrument :**
ECD_O
**ClientSampleId :**
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 04:57:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 04:57:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



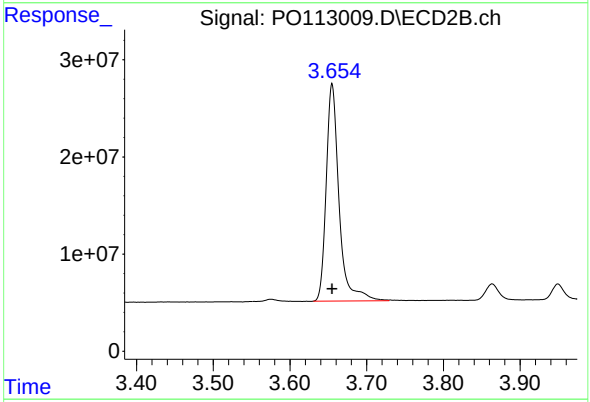






#1 Tetrachloro-m-xylene

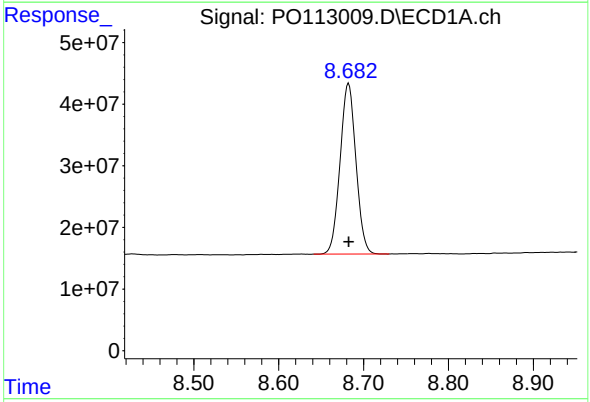
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 425159885
Conc: 50.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1232ICC500



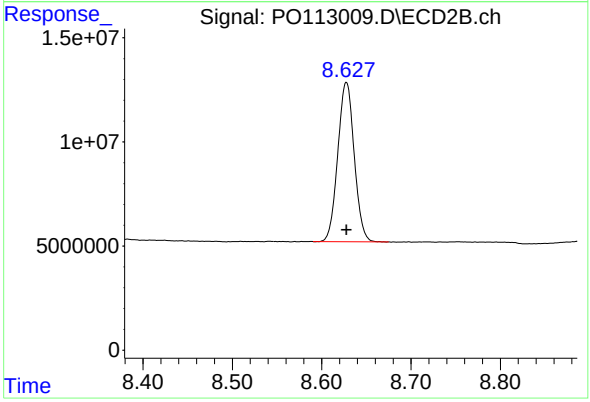

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 260568167
Conc: 50.00 ng/ml



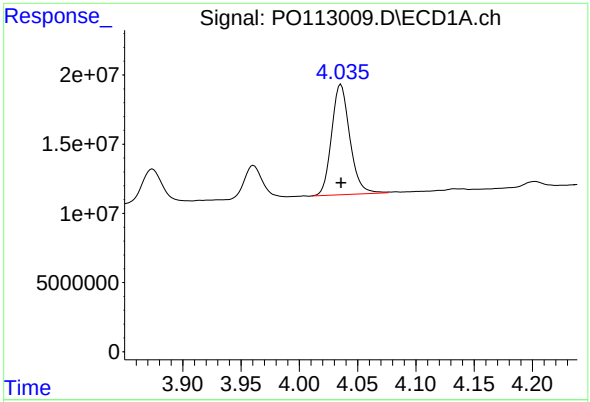

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 358864474
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

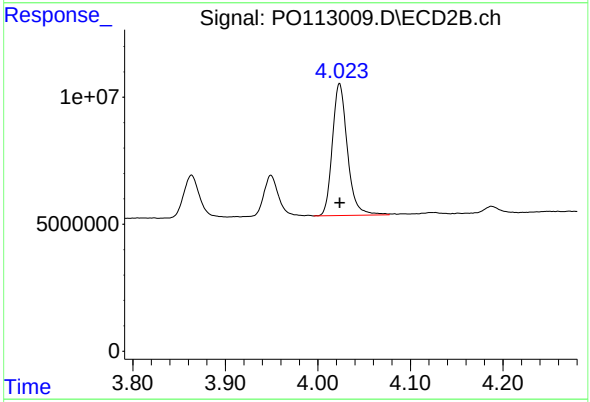
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 97760702
Conc: 50.00 ng/ml




#11 AR-1232-1

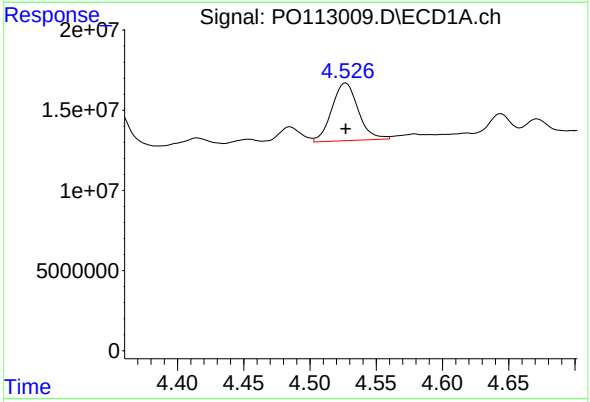
R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 87003202
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1232ICC500



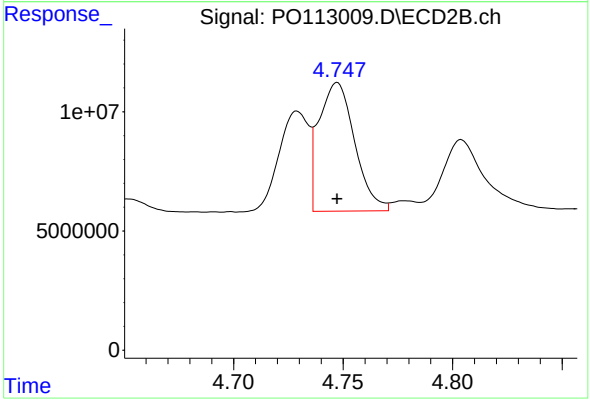

#11 AR-1232-1

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 58701316
Conc: 500.00 ng/ml



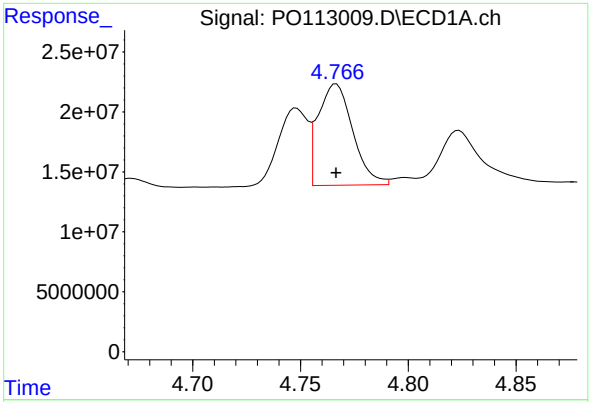

#12 AR-1232-2

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 49926230
Conc: 500.00 ng/ml




#12 AR-1232-2

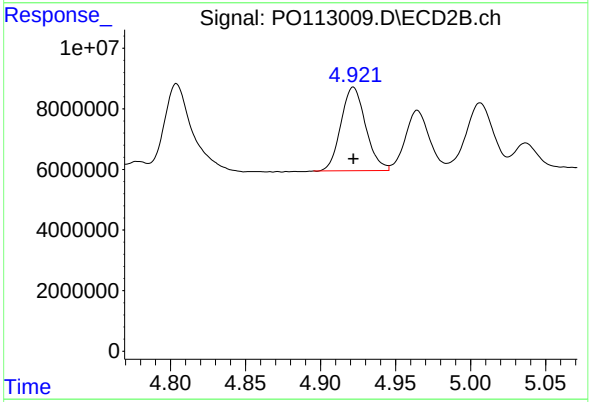
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 61272548
Conc: 500.00 ng/ml




#13 AR-1232-3

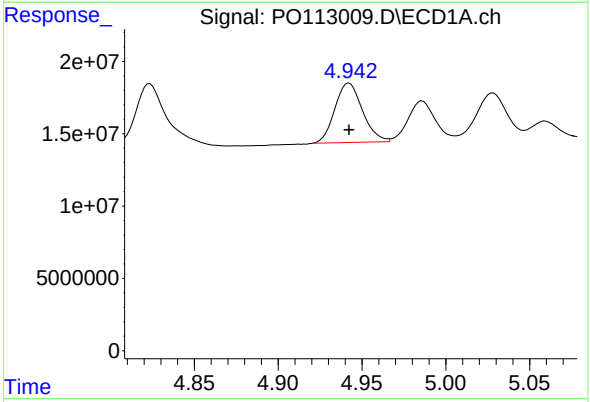
R.T.: 4.767 min
Delta R.T.: 0.000 min
Response: 94737736
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1232ICC500



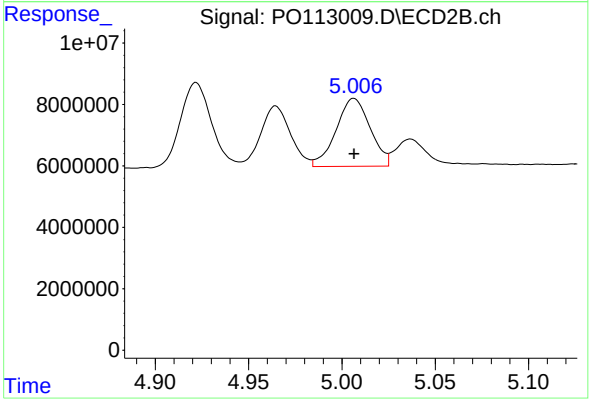

#13 AR-1232-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 31672814
Conc: 500.00 ng/ml



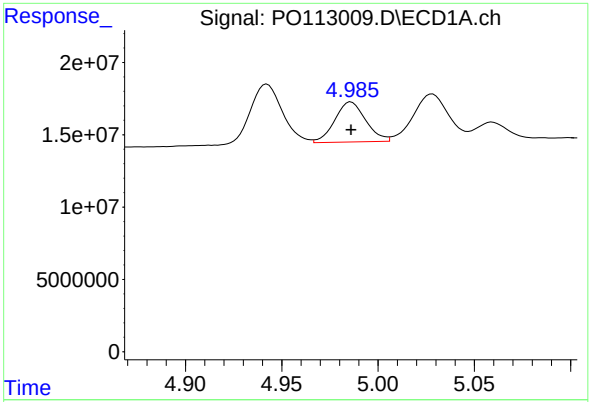

#14 AR-1232-4

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 47084775
Conc: 500.00 ng/ml




#14 AR-1232-4

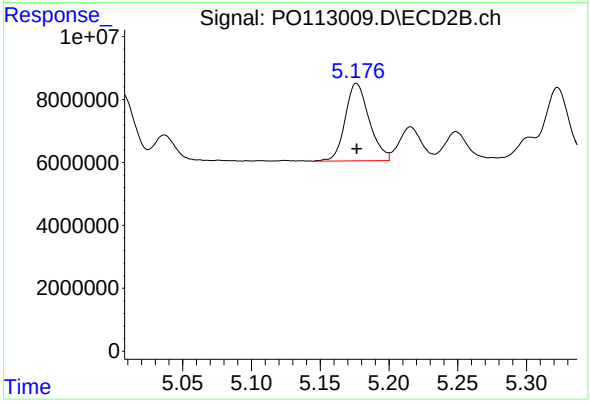
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 28110590
Conc: 500.00 ng/ml




#15 AR-1232-5

R.T.: 4.986 min
Delta R.T.: 0.000 min
Response: 30971484
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1232ICC500




#15 AR-1232-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 29931775
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:01
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.664 | 3.656 | 790.3E6 | 482.6E6 | 91.305 | 91.569 |
| 2) | SA Decachlor... | 8.682 | 8.629 | 698.4E6 | 186.8E6 | 94.884 | 93.137 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.748 | 4.729 | 219.0E6 | 133.9E6 | 902.034 | 878.518 |
| 17) | L4 AR-1242-2 | 4.767 | 4.747 | 328.0E6 | 204.0E6 | 899.261 | 894.341 |
| 18) | L4 AR-1242-3 | 4.824 | 4.923 | 205.3E6 | 105.7E6 | 902.879 | 874.106 |
| 19) | L4 AR-1242-4 | 4.943 | 5.007 | 165.3E6 | 101.7E6 | 901.450 | 864.505 |
| 20) | L4 AR-1242-5 | 5.594 | 5.526 | 180.7E6 | 136.1E6 | 862.178 | 877.068 |

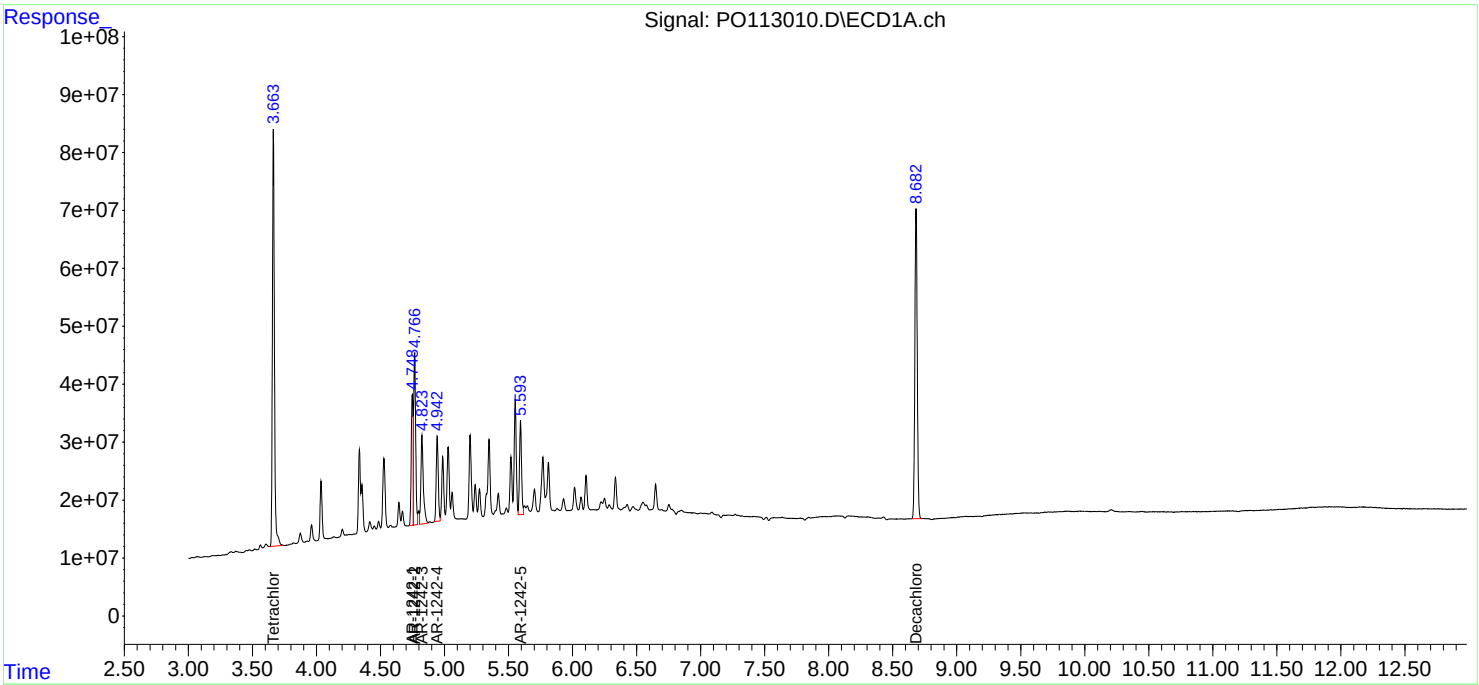
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

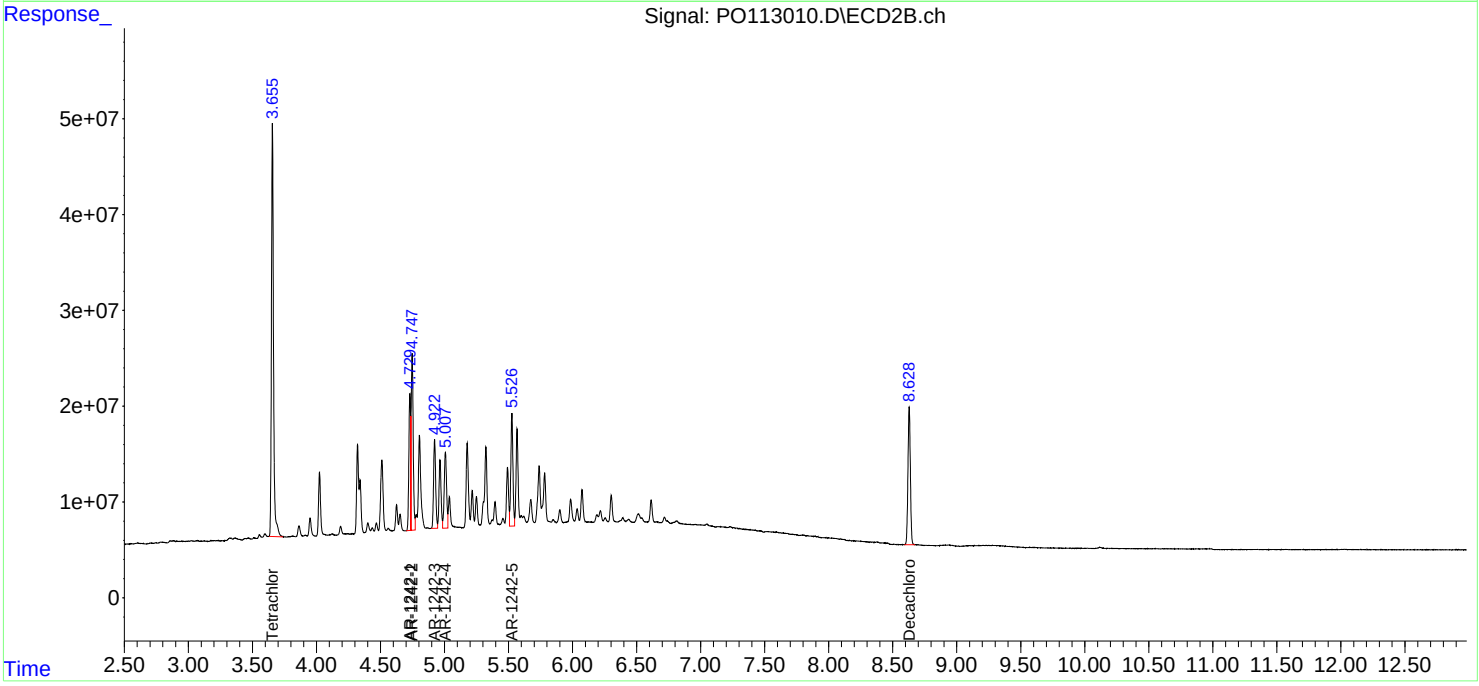
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:01
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

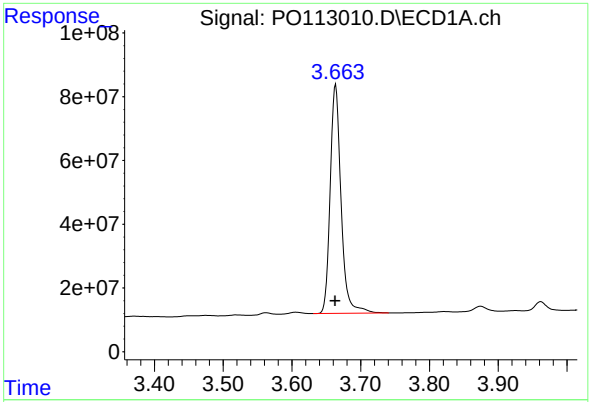
**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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



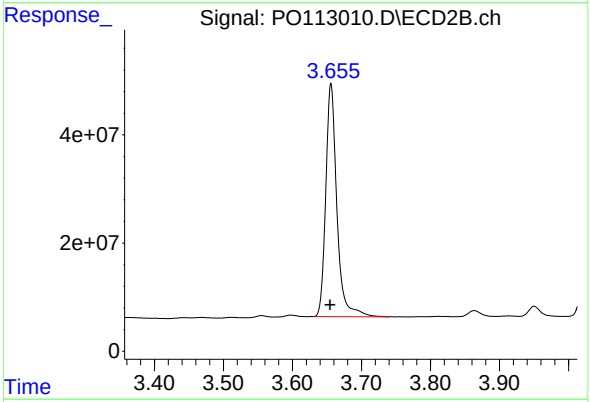






#1 Tetrachloro-m-xylene

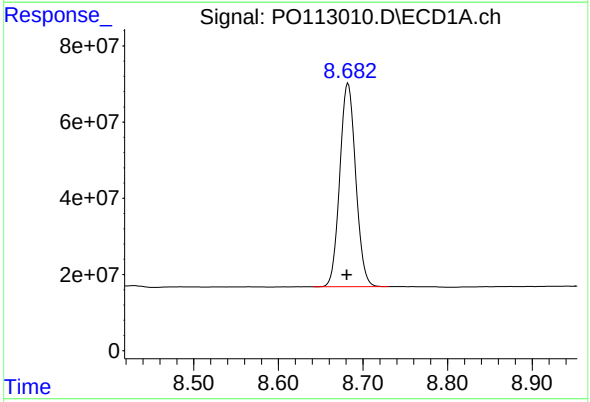
R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 790254297
Conc: 91.30 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC1000



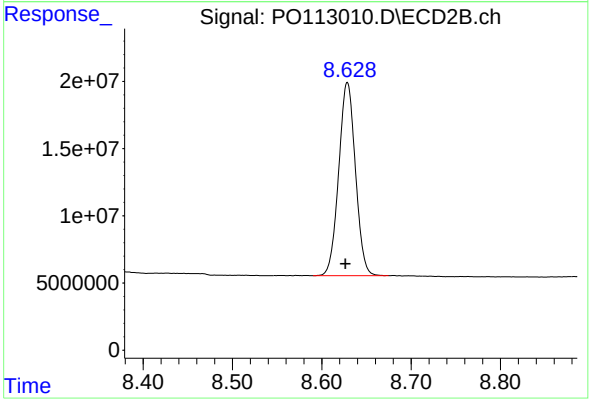

#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.001 min
Response: 482581368
Conc: 91.57 ng/ml



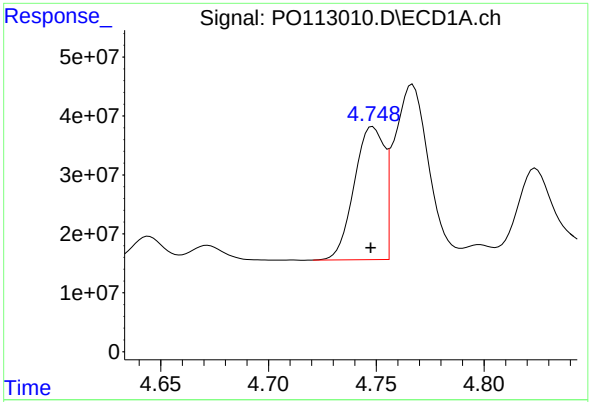

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.002 min
Response: 698375112
Conc: 94.88 ng/ml




#2 Decachlorobiphenyl

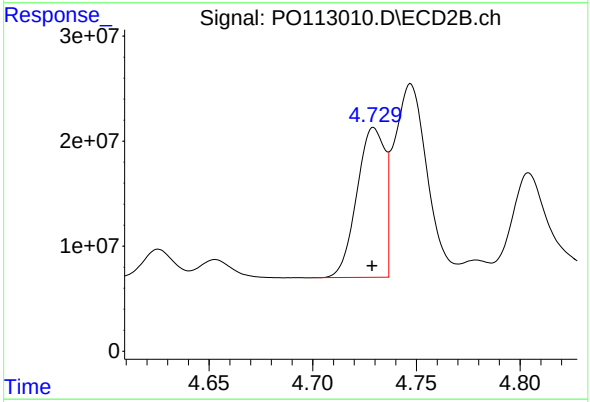
R.T.: 8.629 min
Delta R.T.: 0.002 min
Response: 186805712
Conc: 93.14 ng/ml




#16 AR-1242-1

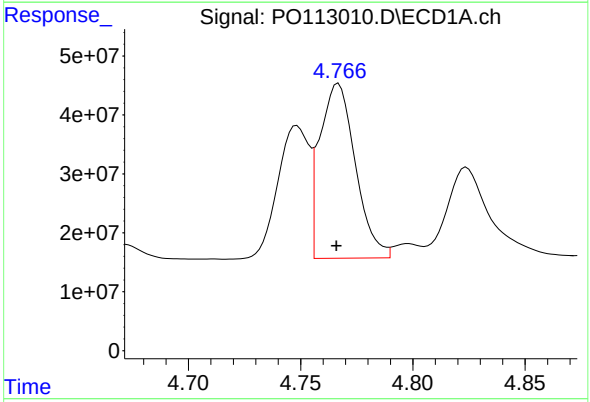
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 219003807
Conc: 902.03 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC1000



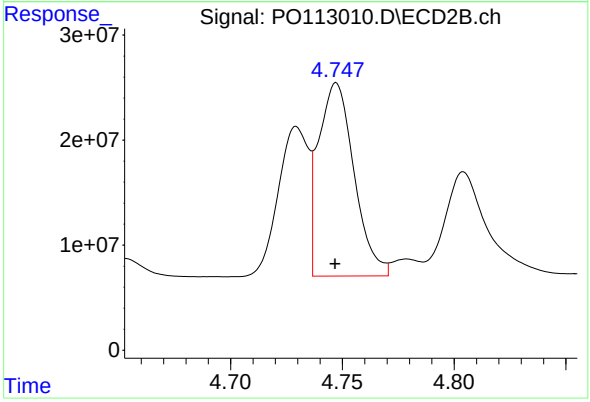

#16 AR-1242-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 133881576
Conc: 878.52 ng/ml



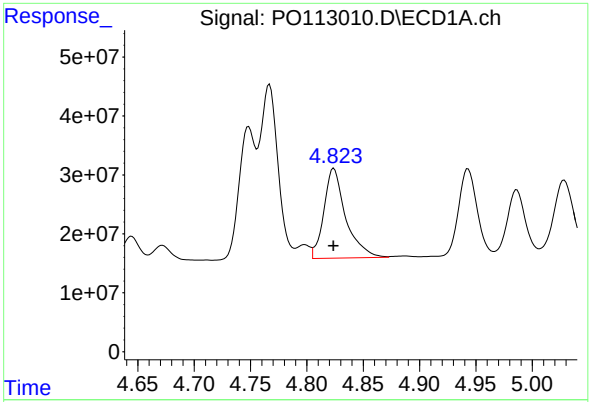

#17 AR-1242-2

R.T.: 4.767 min
Delta R.T.: 0.000 min
Response: 327976735
Conc: 899.26 ng/ml




#17 AR-1242-2

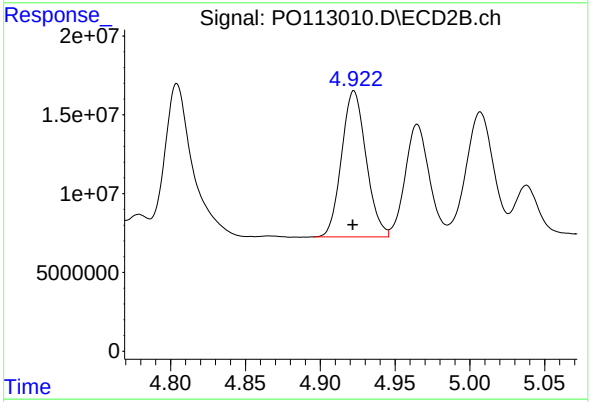
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 203955870
Conc: 894.34 ng/ml




#18 AR-1242-3

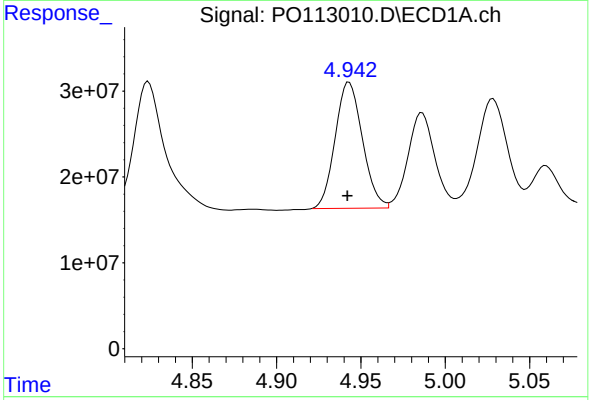
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 205275217
Conc: 902.88 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC1000



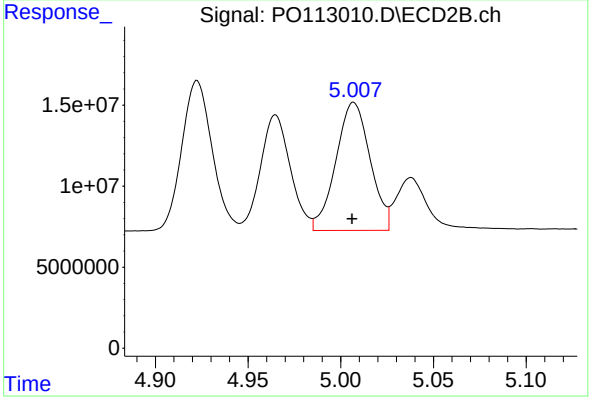

#18 AR-1242-3

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 105689998
Conc: 874.11 ng/ml



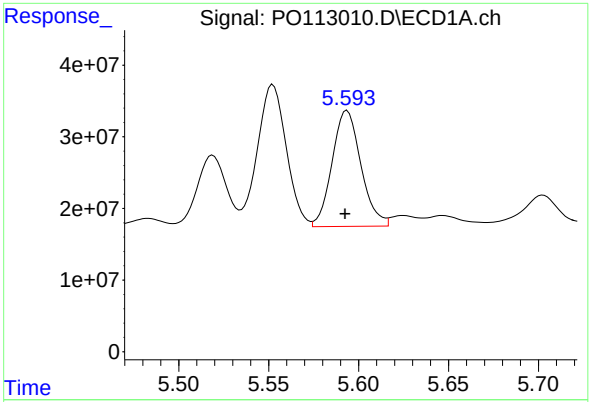

#19 AR-1242-4

R.T.: 4.943 min
Delta R.T.: 0.001 min
Response: 165269678
Conc: 901.45 ng/ml




#19 AR-1242-4

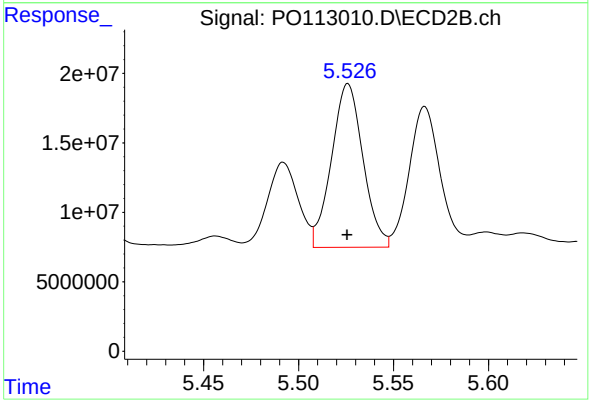
R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 101683397
Conc: 864.50 ng/ml




#20 AR-1242-5

R.T.: 5.594 min
Delta R.T.: 0.001 min
Response: 180656505
Conc: 862.18 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC1000




#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 136091884
Conc: 877.07 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:20
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.663 | 3.655 | 620.6E6 | 380.4E6 | 71.701 | 72.170 |
| 2) | SA Decachlor... | 8.682 | 8.627 | 540.0E6 | 146.8E6 | 73.362 | 73.184 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.748 | 4.729 | 175.1E6 | 107.3E6 | 721.386 | 704.350 |
| 17) | L4 AR-1242-2 | 4.766 | 4.746 | 258.7E6 | 162.9E6 | 709.343 | 714.312 |
| 18) | L4 AR-1242-3 | 4.823 | 4.922 | 163.5E6 | 85600439 | 719.316 | 707.956 |
| 19) | L4 AR-1242-4 | 4.943 | 5.006 | 131.5E6 | 82987408 | 717.438 | 705.553 |
| 20) | L4 AR-1242-5 | 5.593 | 5.525 | 147.5E6 | 109.5E6 | 703.881 | 705.578 |

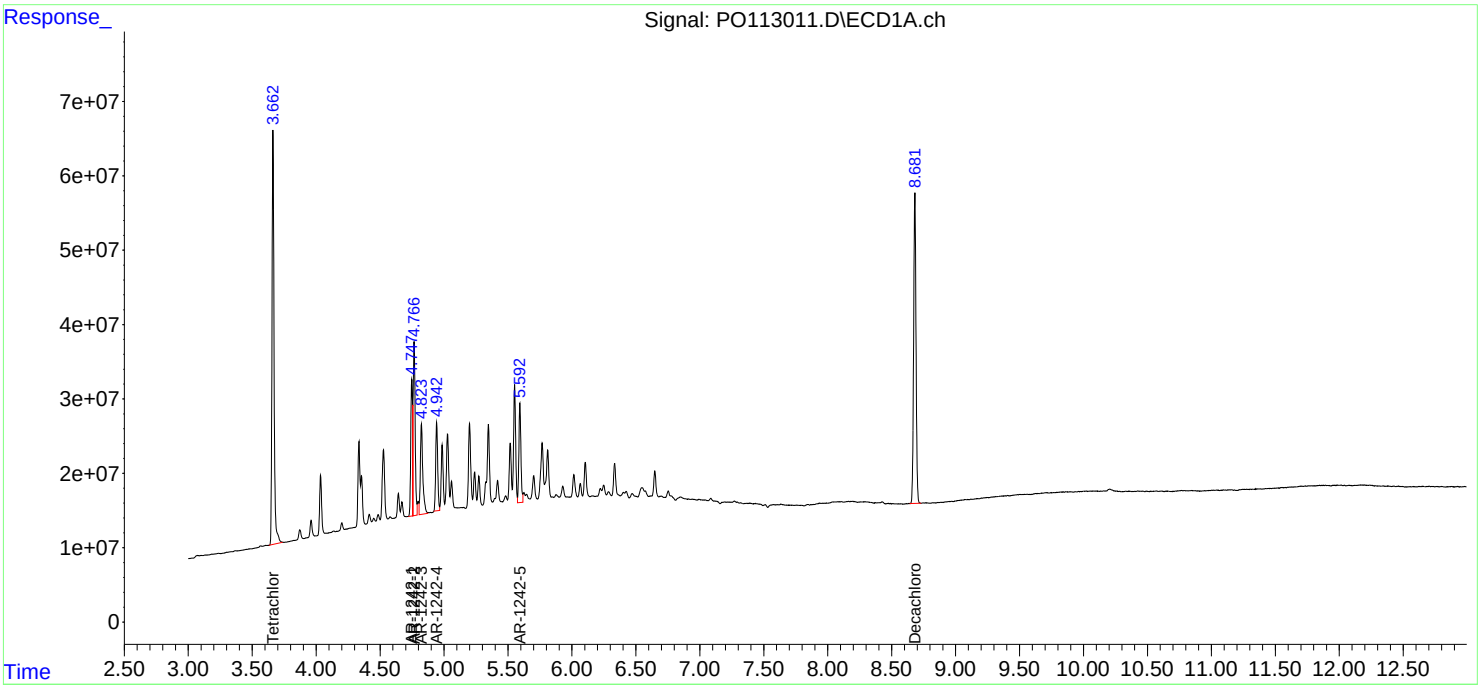
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

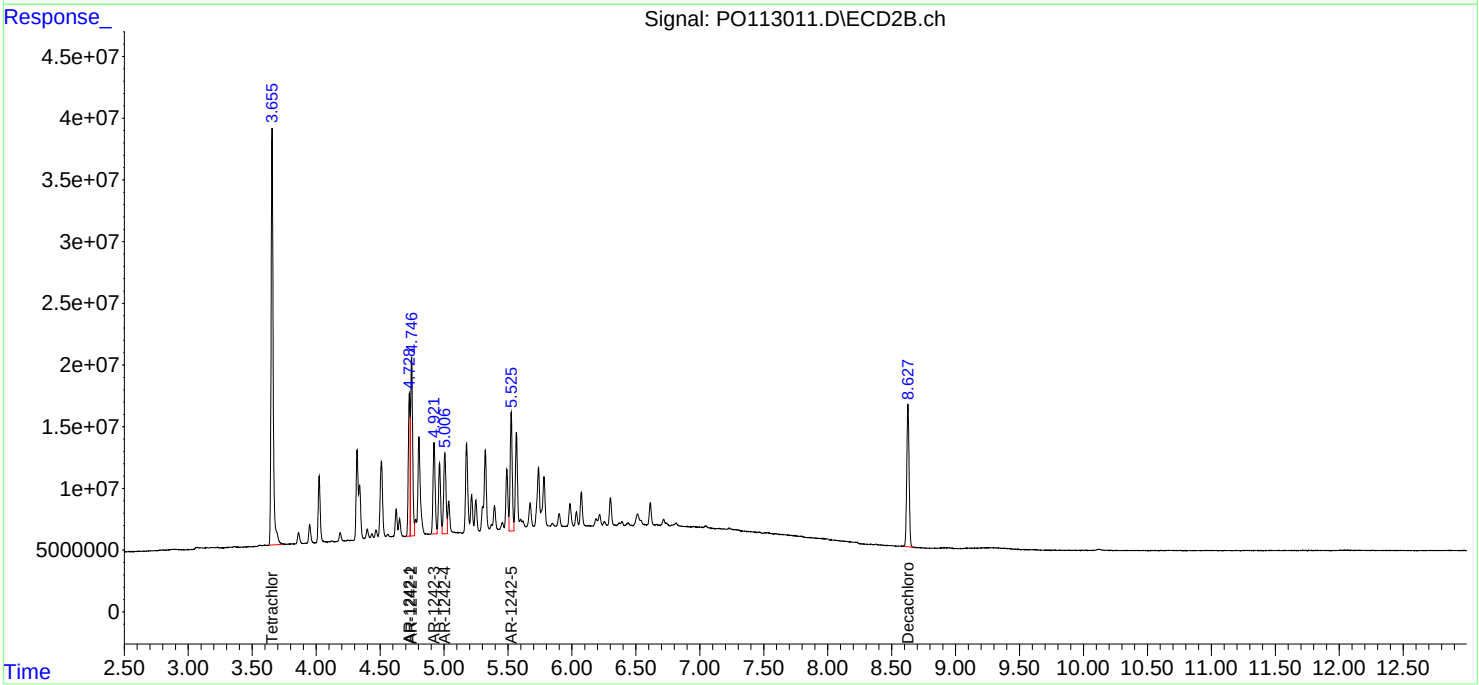
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:20
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

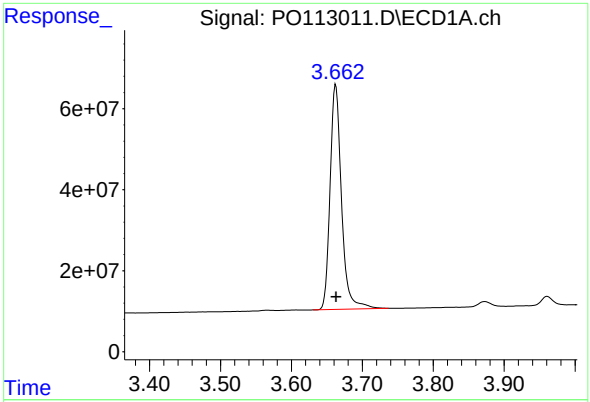
**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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



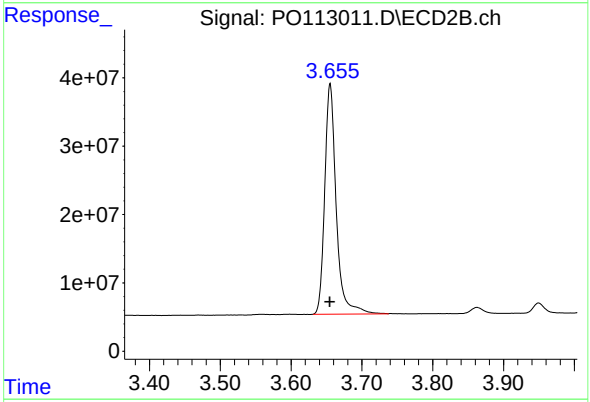






#1 Tetrachloro-m-xylene

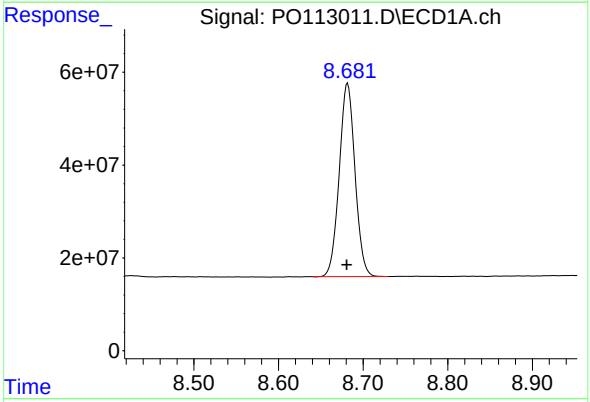
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 620585571
Conc: 71.70 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC750



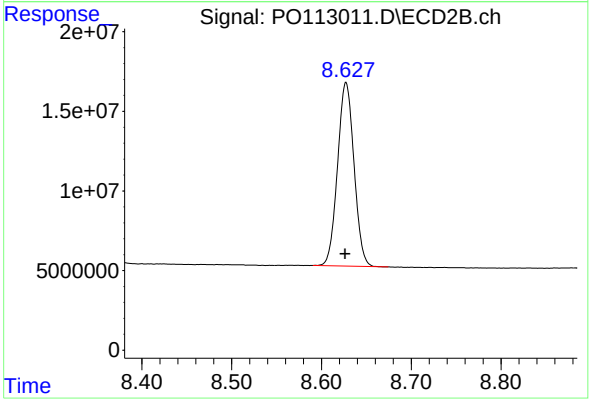

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 380350189
Conc: 72.17 ng/ml



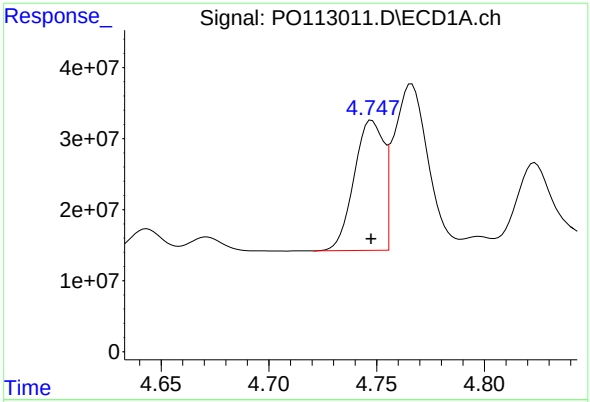

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 539966666
Conc: 73.36 ng/ml




#2 Decachlorobiphenyl

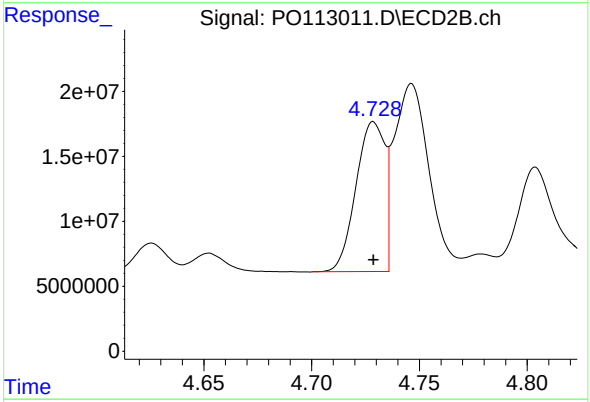
R.T.: 8.627 min
Delta R.T.: 0.001 min
Response: 146785524
Conc: 73.18 ng/ml




#16 AR-1242-1

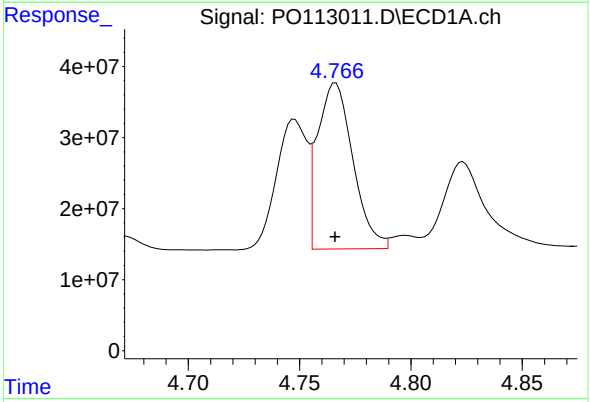
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 175144648
Conc: 721.39 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC750



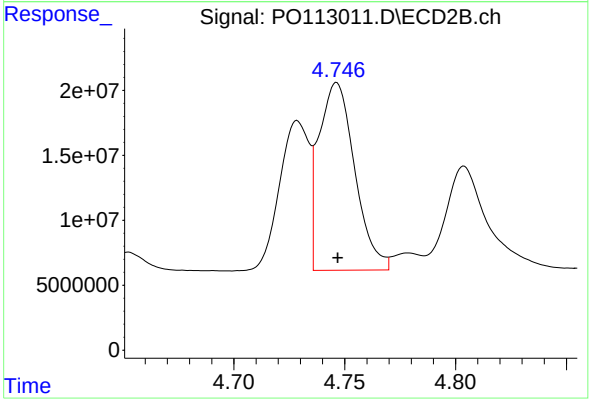

#16 AR-1242-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 107339178
Conc: 704.35 ng/ml



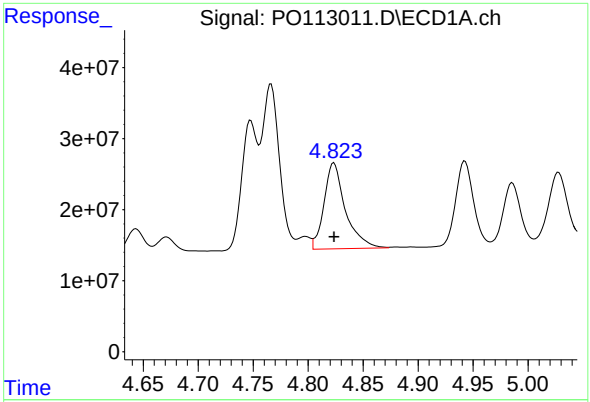

#17 AR-1242-2

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 258710119
Conc: 709.34 ng/ml




#17 AR-1242-2

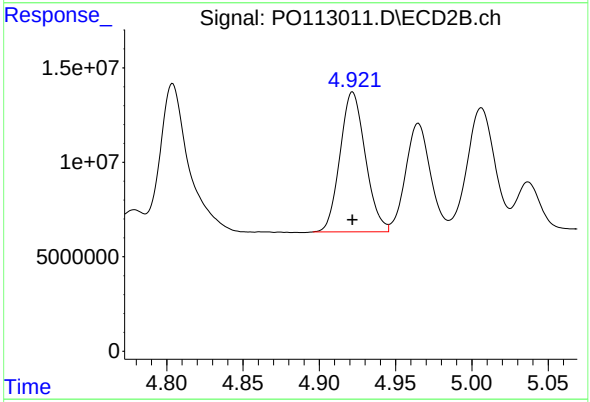
R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 162899928
Conc: 714.31 ng/ml




#18 AR-1242-3

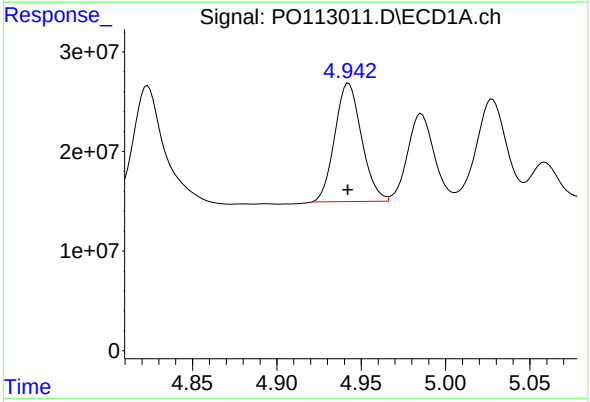
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 163540867
Conc: 719.32 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC750



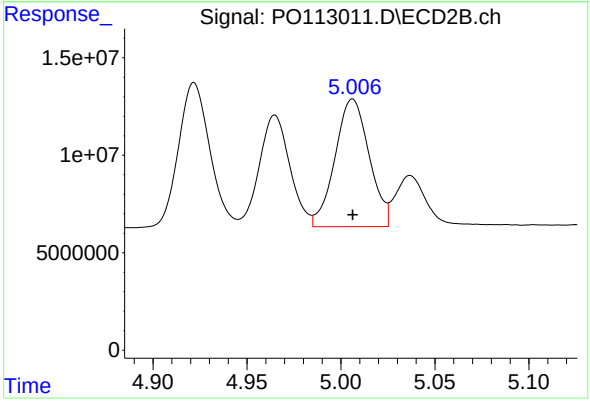

#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 85600439
Conc: 707.96 ng/ml



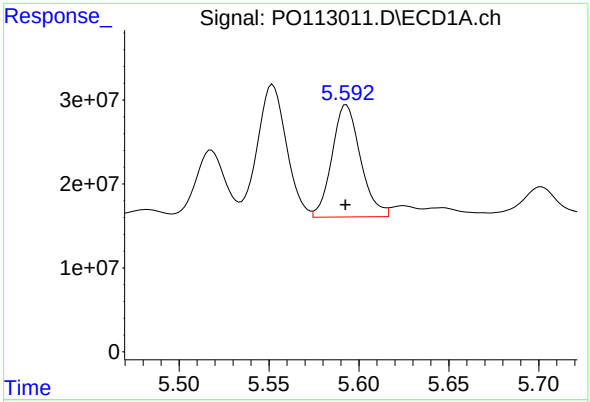

#19 AR-1242-4

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 131533404
Conc: 717.44 ng/ml




#19 AR-1242-4

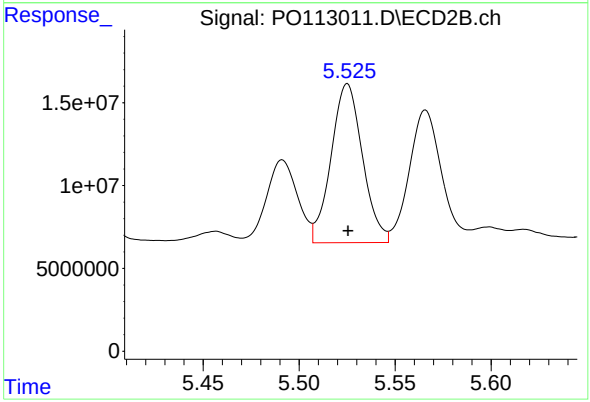
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 82987408
Conc: 705.55 ng/ml




#20 AR-1242-5

R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 147487753
Conc: 703.88 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC750




#20 AR-1242-5

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 109482302
Conc: 705.58 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:38
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.663 | 3.655 | 432.8E6 | 263.5E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.681 | 8.626 | 368.0E6 | 100.3E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.747 | 4.729 | 121.4E6 | 76197369 | 500.000 | 500.000 |
| 17) | L4 AR-1242-2 | 4.766 | 4.747 | 182.4E6 | 114.0E6 | 500.000 | 500.000 |
| 18) | L4 AR-1242-3 | 4.824 | 4.922 | 113.7E6 | 60456076 | 500.000 | 500.000 |
| 19) | L4 AR-1242-4 | 4.942 | 5.006 | 91668775 | 58810219 | 500.000 | 500.000 |
| 20) | L4 AR-1242-5 | 5.592 | 5.526 | 104.8E6 | 77583399 | 500.000 | 500.000 |

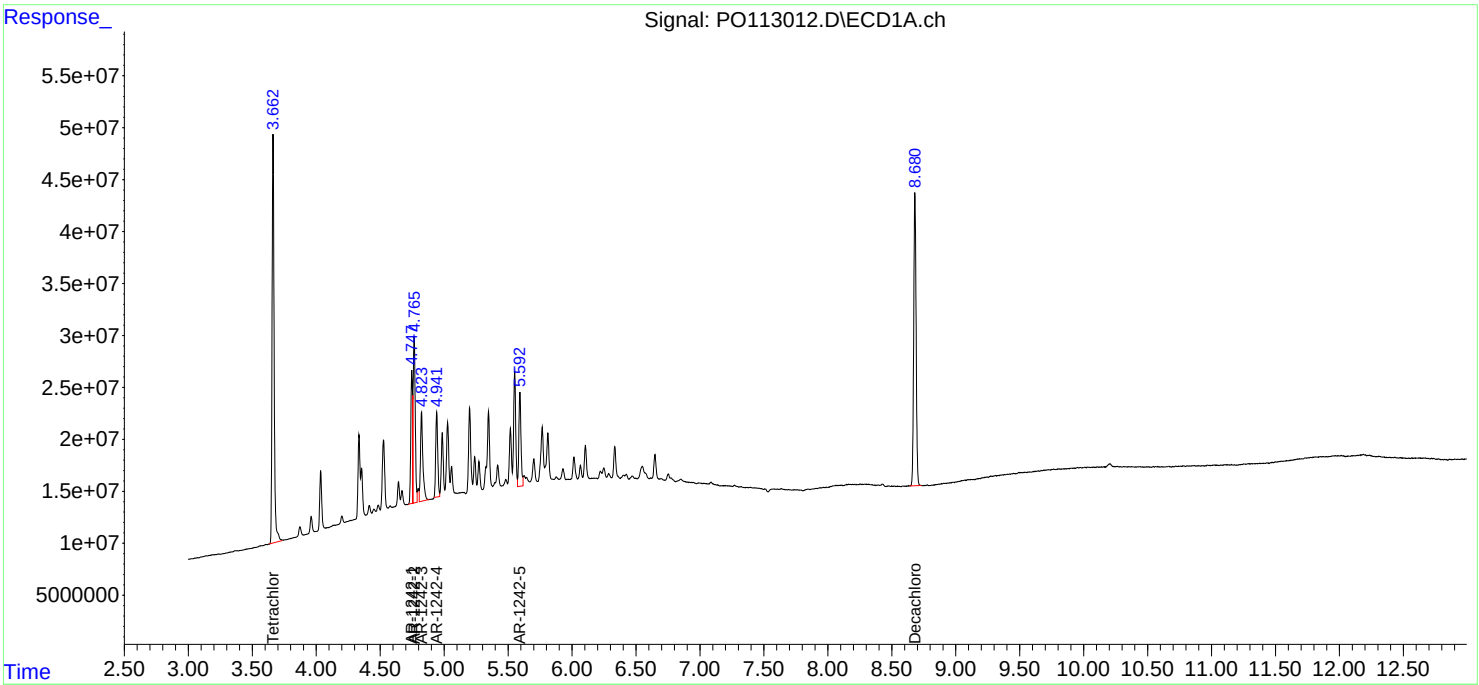
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

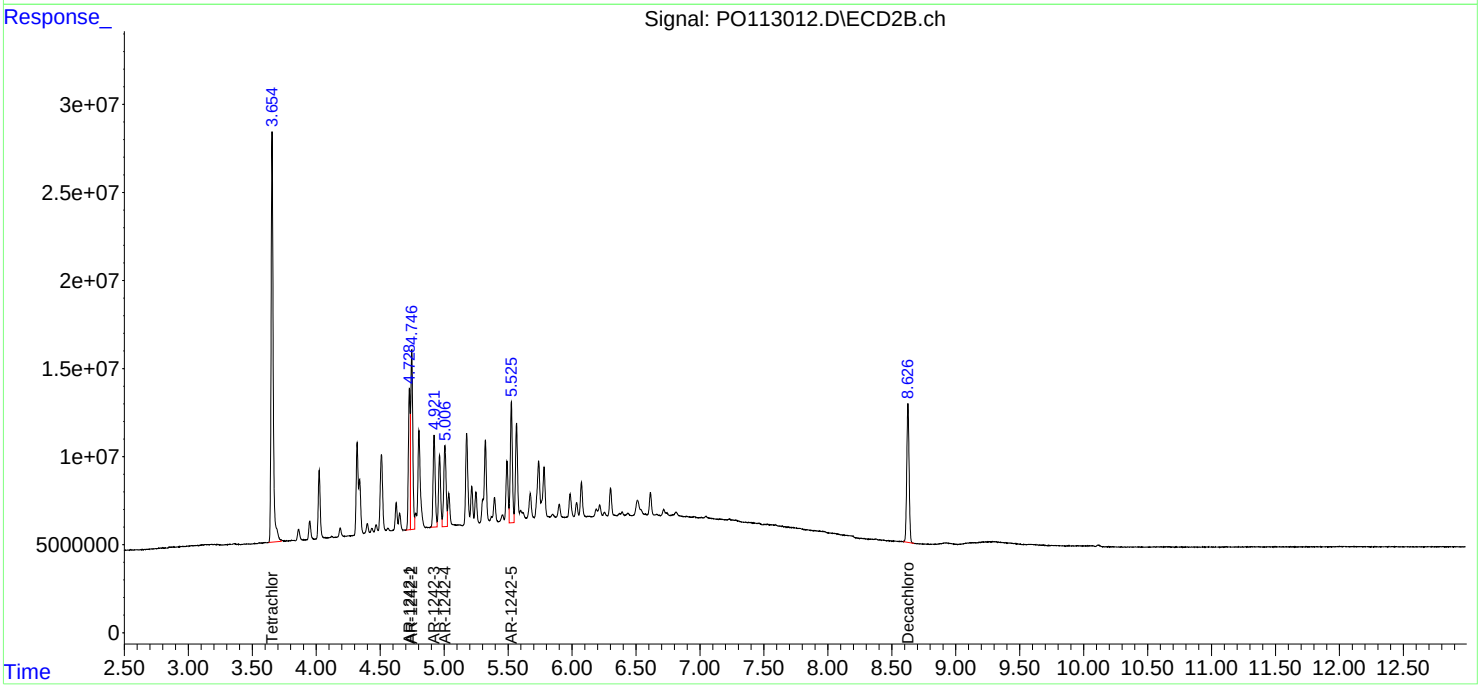
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:38
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

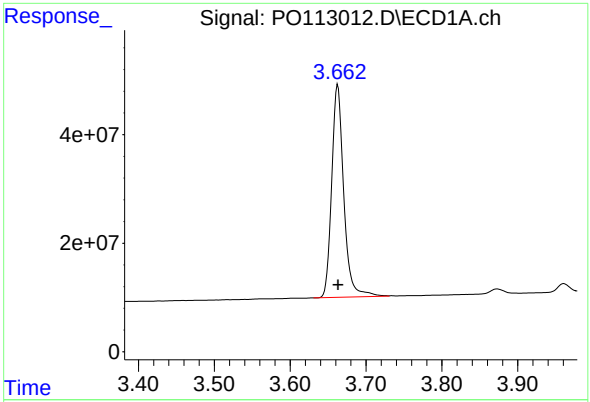
**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:01:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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



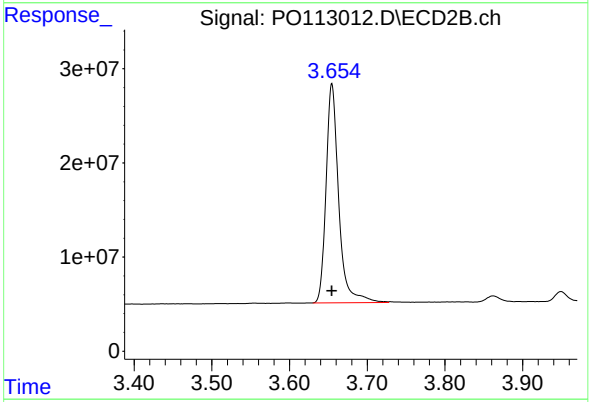






#1 Tetrachloro-m-xylene

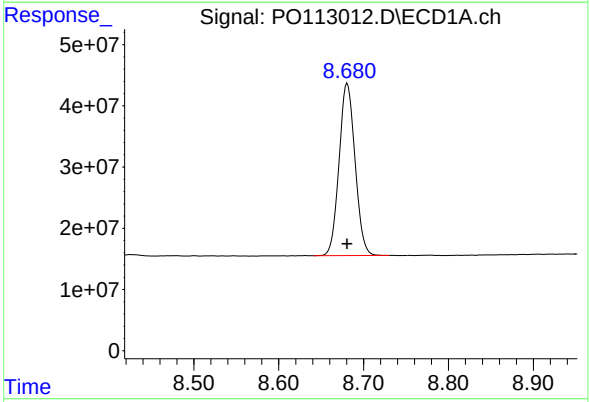
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 432756344
Conc: 50.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC500



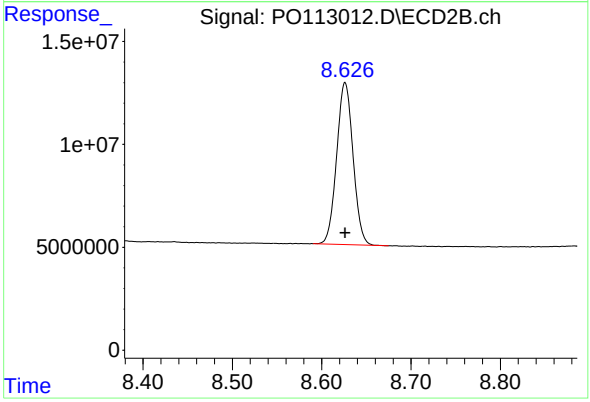

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 263508272
Conc: 50.00 ng/ml



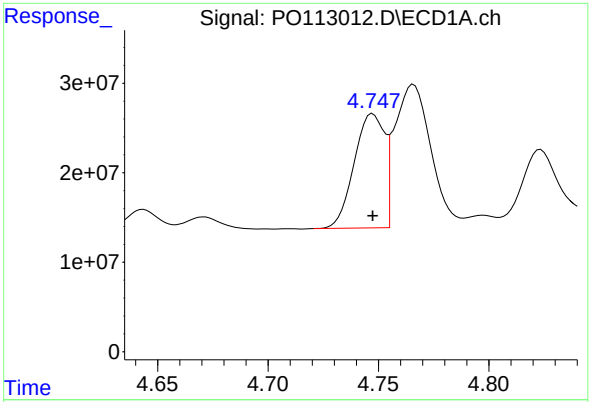

#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 368014789
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

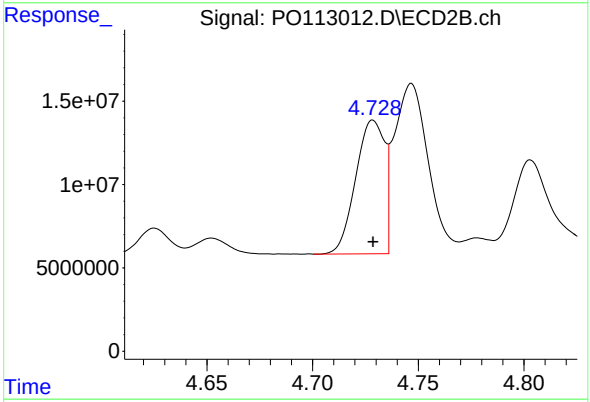
R.T.: 8.626 min
Delta R.T.: 0.000 min
Response: 100285144
Conc: 50.00 ng/ml




#16 AR-1242-1

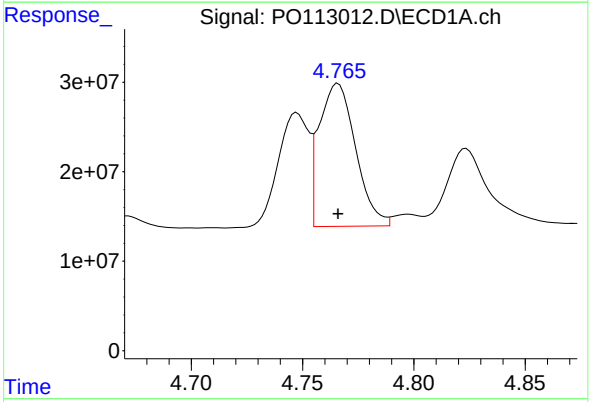
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 121394484
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC500



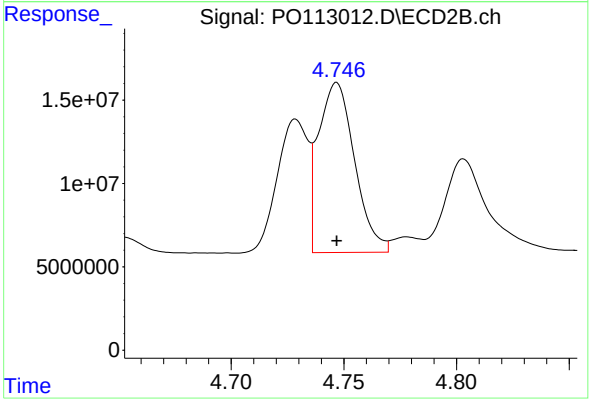

#16 AR-1242-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 76197369
Conc: 500.00 ng/ml



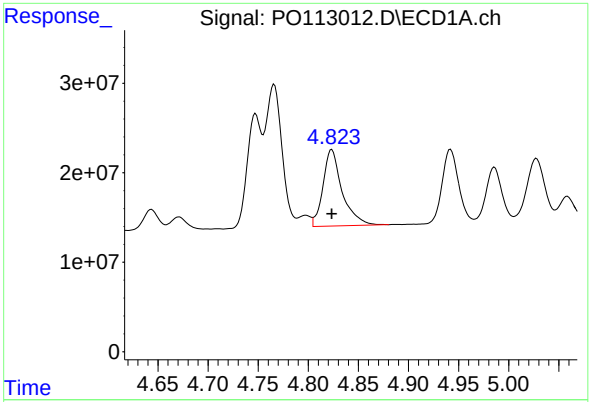

#17 AR-1242-2

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 182359094
Conc: 500.00 ng/ml




#17 AR-1242-2

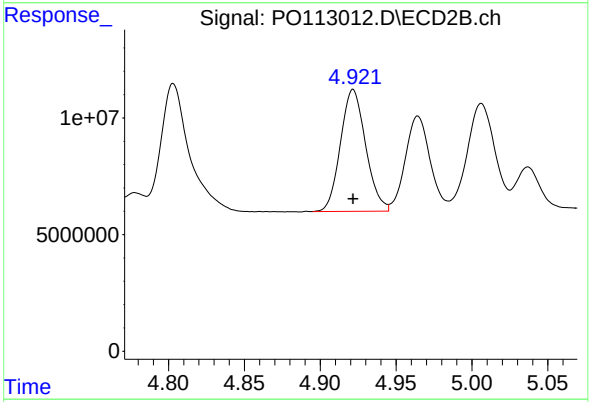
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 114025772
Conc: 500.00 ng/ml




#18 AR-1242-3

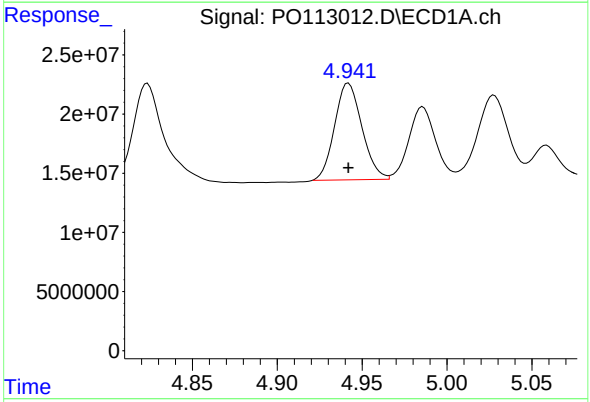
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 113678087
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC500



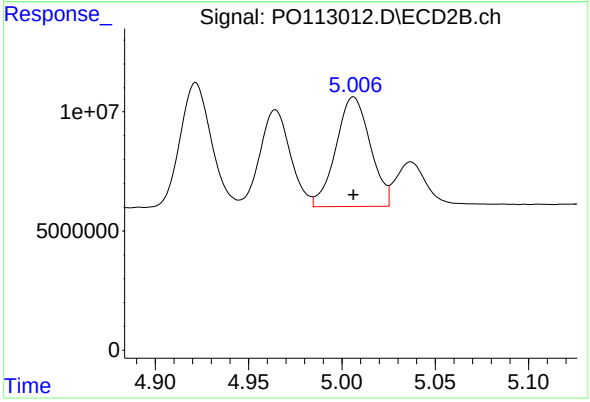

#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 60456076
Conc: 500.00 ng/ml



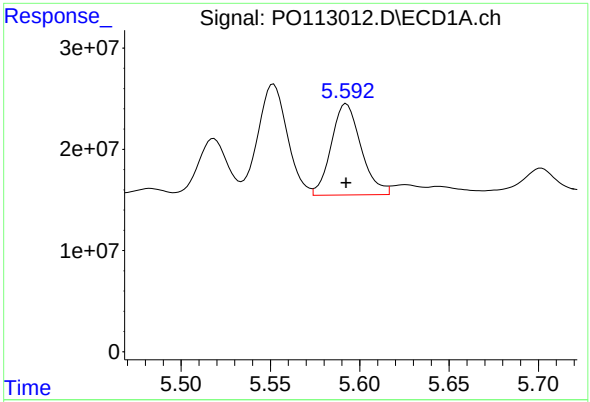

#19 AR-1242-4

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 91668775
Conc: 500.00 ng/ml




#19 AR-1242-4

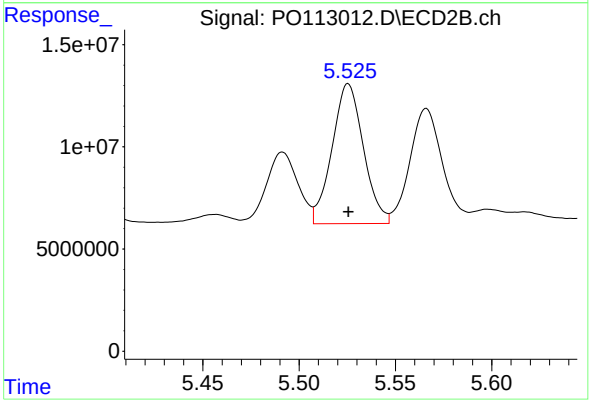
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 58810219
Conc: 500.00 ng/ml




#20 AR-1242-5

R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 104767525
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC500




#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 77583399
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:57
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.664 | 3.656 | 212.9E6 | 131.8E6 | 24.601 | 25.001 |
| 2) | SA Decachlor... | 8.683 | 8.629 | 181.6E6 | 50519854 | 24.673 | 25.188 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.749 | 4.730 | 60181316 | 39111281 | 247.875 | 256.645 |
| 17) | L4 AR-1242-2 | 4.768 | 4.748 | 91044620 | 58590662 | 249.630 | 256.919 |
| 18) | L4 AR-1242-3 | 4.824 | 4.923 | 56585858 | 30921281 | 248.886 | 255.733 |
| 19) | L4 AR-1242-4 | 4.944 | 5.007 | 46289370 | 30803322 | 252.482 | 261.887 |
| 20) | L4 AR-1242-5 | 5.594 | 5.527 | 53931193 | 40625723 | 257.385 | 261.820 |

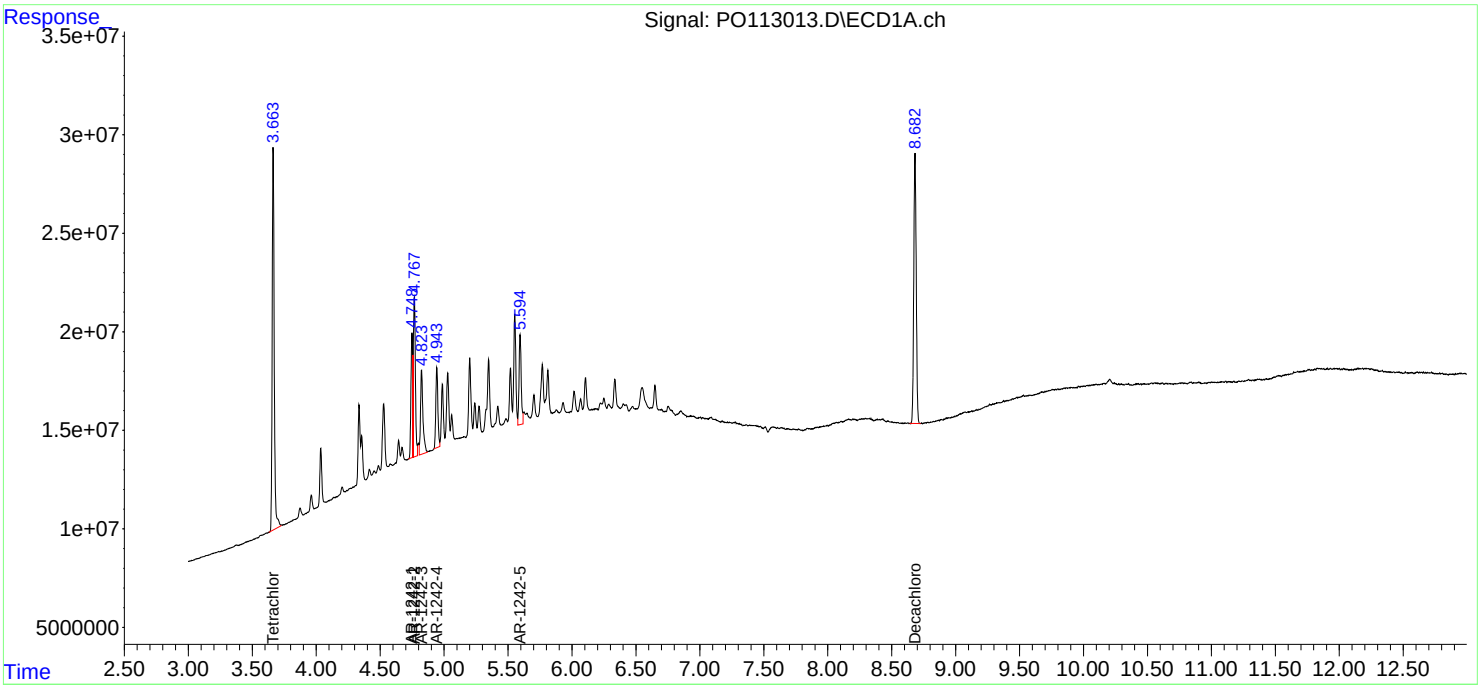
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

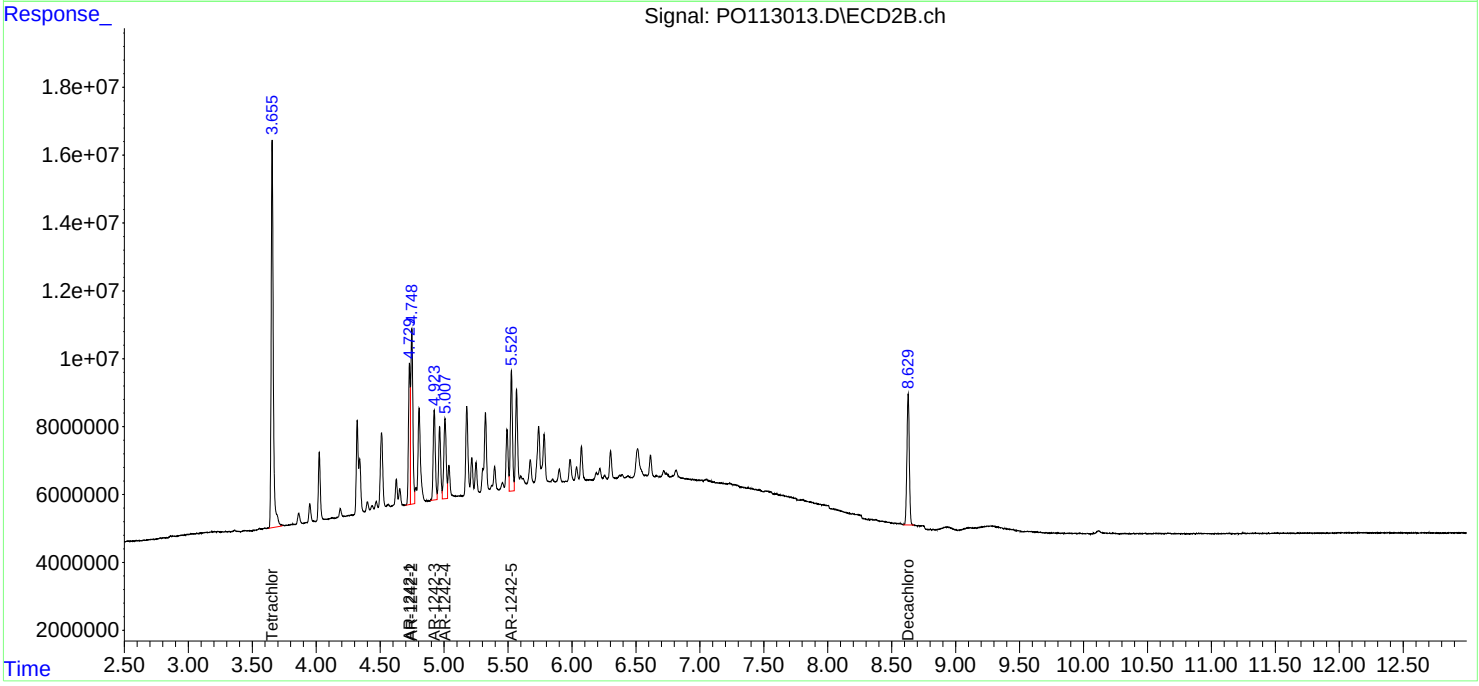
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:57
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

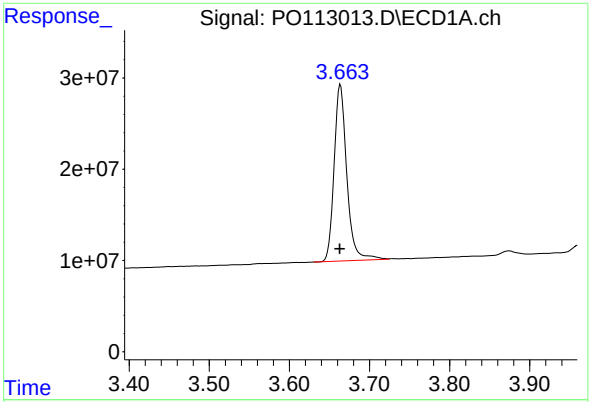
**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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



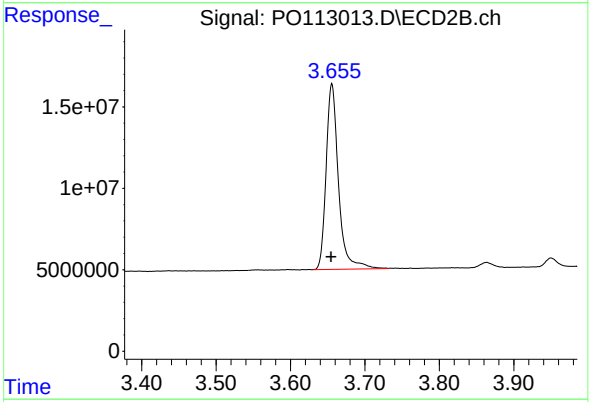






#1 Tetrachloro-m-xylene

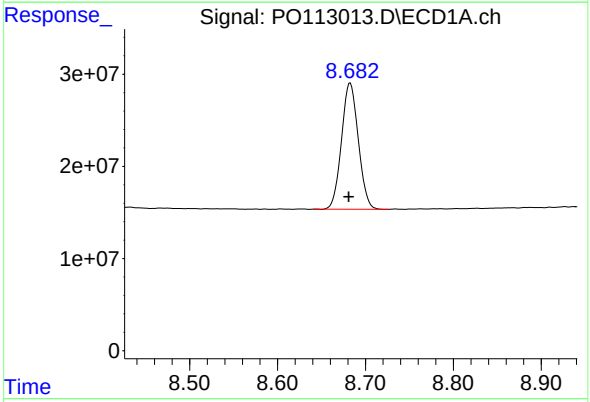
R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 212926186
Conc: 24.60 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC250



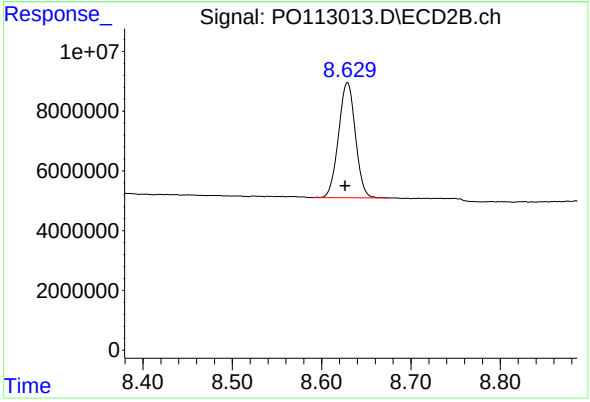

#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.001 min
Response: 131761932
Conc: 25.00 ng/ml



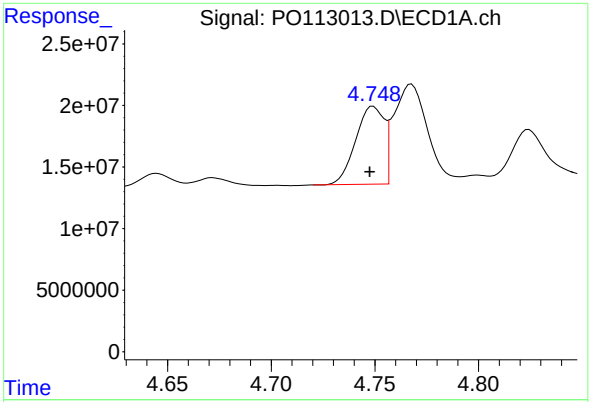

#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.002 min
Response: 181602587
Conc: 24.67 ng/ml




#2 Decachlorobiphenyl

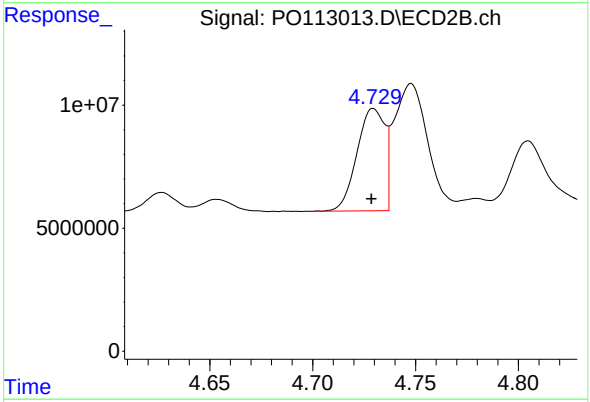
R.T.: 8.629 min
Delta R.T.: 0.003 min
Response: 50519854
Conc: 25.19 ng/ml




#16 AR-1242-1

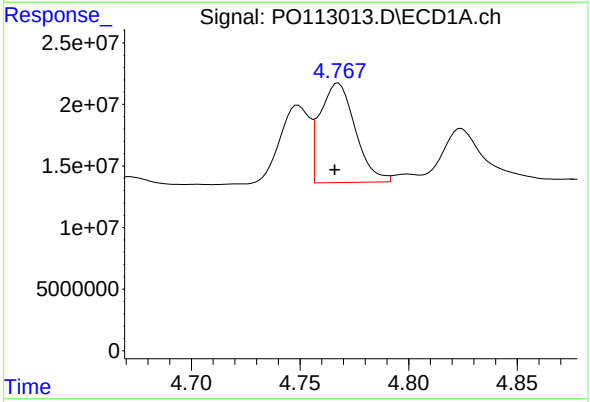
R.T.: 4.749 min
Delta R.T.: 0.002 min
Response: 60181316
Conc: 247.88 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC250



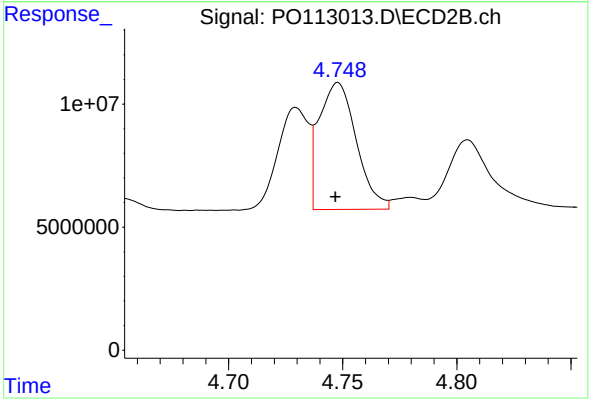

#16 AR-1242-1

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 39111281
Conc: 256.64 ng/ml



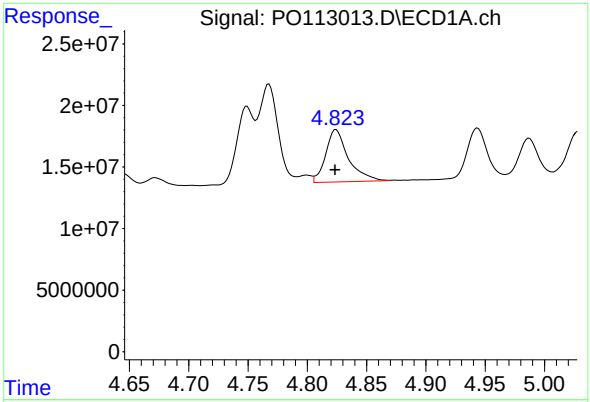

#17 AR-1242-2

R.T.: 4.768 min
Delta R.T.: 0.002 min
Response: 91044620
Conc: 249.63 ng/ml




#17 AR-1242-2

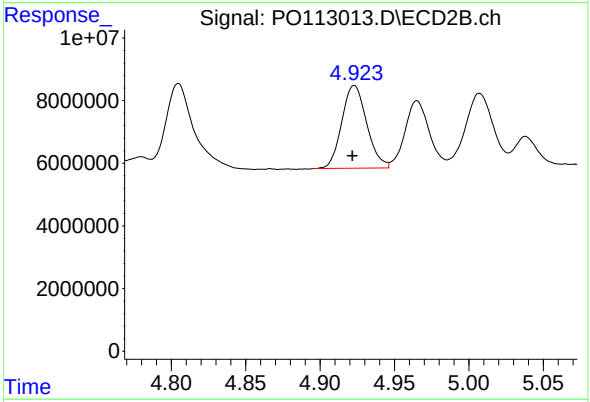
R.T.: 4.748 min
Delta R.T.: 0.001 min
Response: 58590662
Conc: 256.92 ng/ml




#18 AR-1242-3

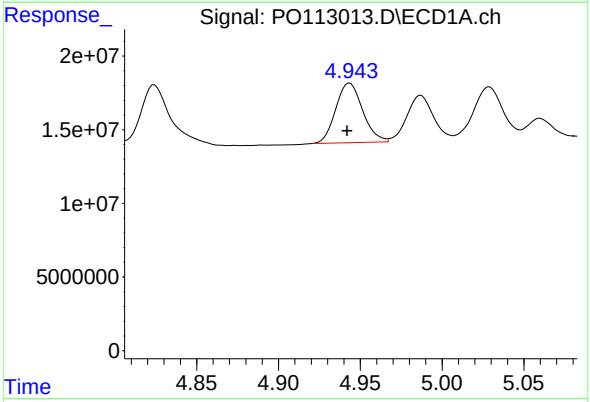
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 56585858
Conc: 248.89 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC250



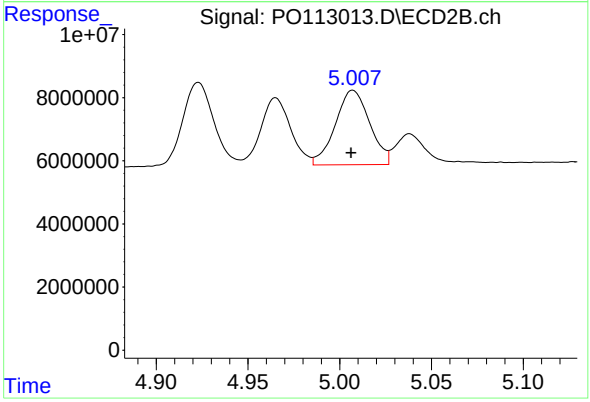

#18 AR-1242-3

R.T.: 4.923 min
Delta R.T.: 0.001 min
Response: 30921281
Conc: 255.73 ng/ml



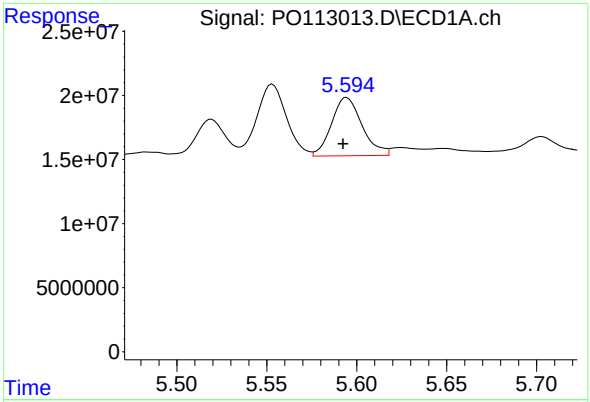

#19 AR-1242-4

R.T.: 4.944 min
Delta R.T.: 0.002 min
Response: 46289370
Conc: 252.48 ng/ml




#19 AR-1242-4

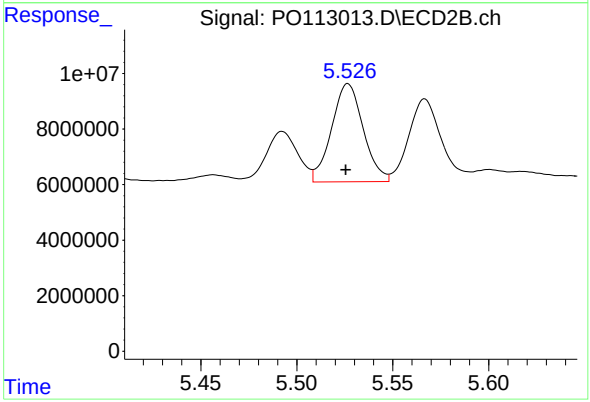
R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 30803322
Conc: 261.89 ng/ml




#20 AR-1242-5

R.T.: 5.594 min
Delta R.T.: 0.002 min
Response: 53931193
Conc: 257.39 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC250




#20 AR-1242-5

R.T.: 5.527 min
Delta R.T.: 0.001 min
Response: 40625723
Conc: 261.82 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:15
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.663 | 3.655 | 34925483 | 22528993 | 4.035 | 4.275 |
| 2) | SA Decachlor... | 8.681 | 8.627 | 30372133 | 8862645 | 4.126 | 4.419 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.747 | 4.728 | 10680758 | 6834075 | 43.992m | 44.845m |
| 17) | L4 AR-1242-2 | 4.766 | 4.747 | 15815267 | 10049295 | 43.363m | 44.066 |
| 18) | L4 AR-1242-3 | 4.824 | 4.922 | 11619589 | 6020015 | 51.107 | 49.788 |
| 19) | L4 AR-1242-4 | 4.943 | 5.007 | 7908544 | 6750995 | 43.137 | 57.396 # |
| 20) | L4 AR-1242-5 | 5.592 | 5.526 | 9912247 | 7296334 | 47.306m | 47.023m |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:15
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

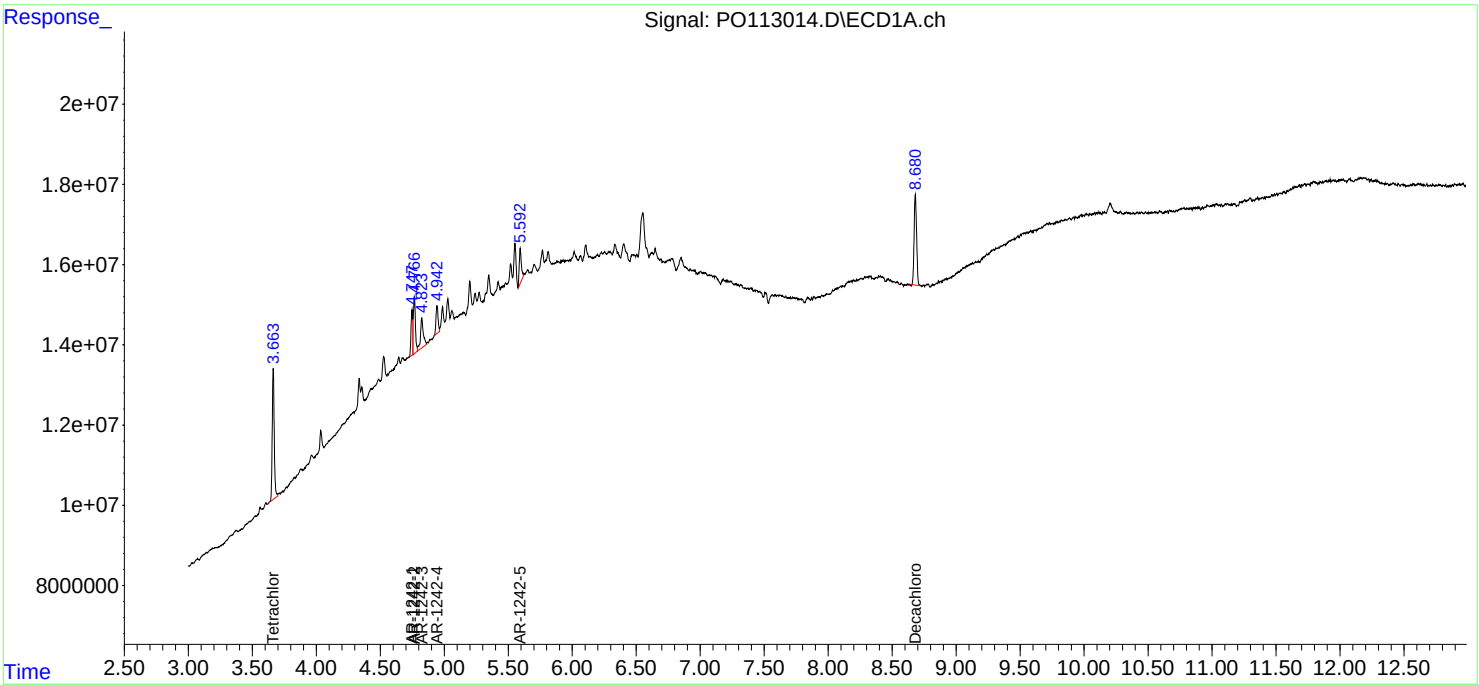
**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC050

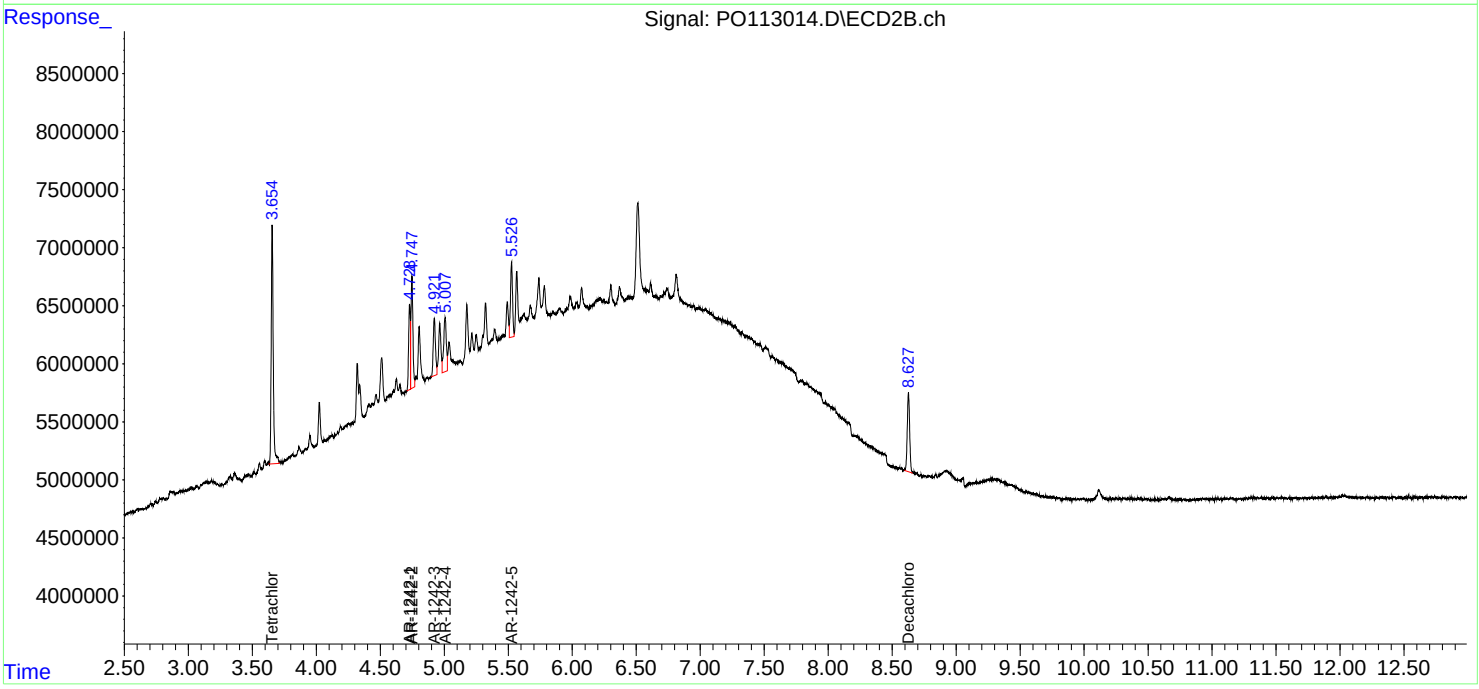
**Manual Integrations APPROVED**

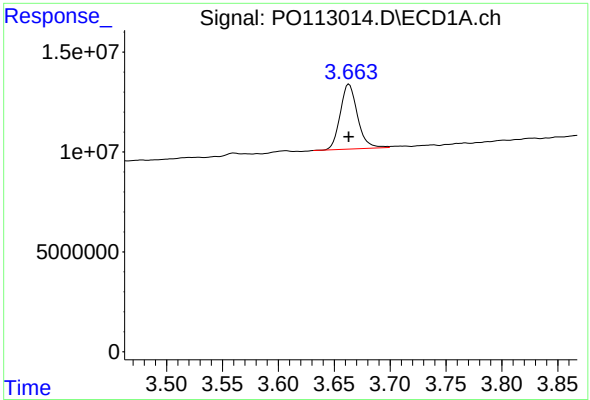
Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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





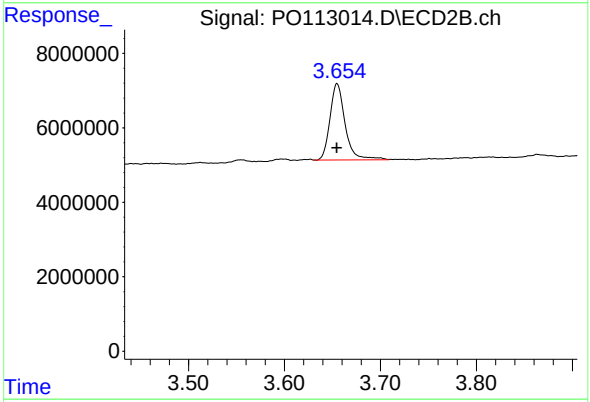

#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 34925483
Conc: 4.04 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC050

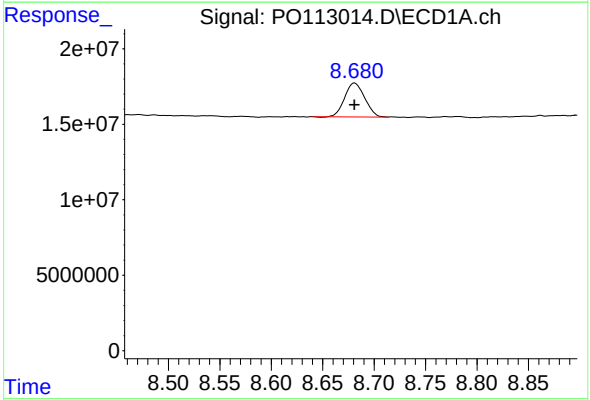
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



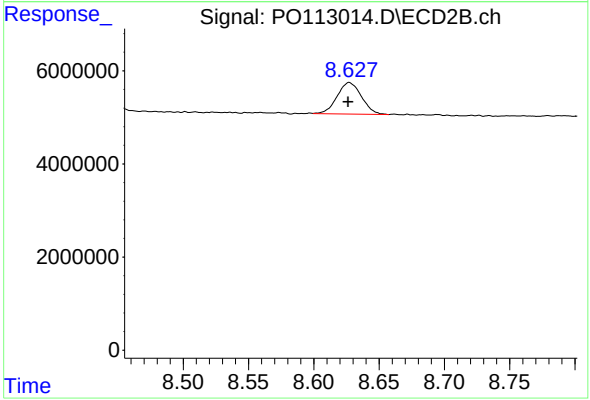

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 22528993
Conc: 4.27 ng/ml



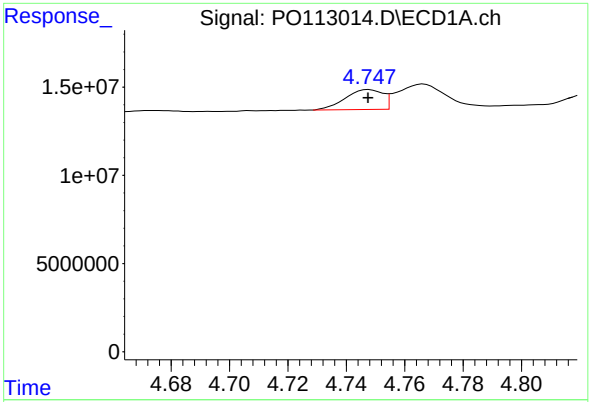

#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 30372133
Conc: 4.13 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 8862645
Conc: 4.42 ng/ml



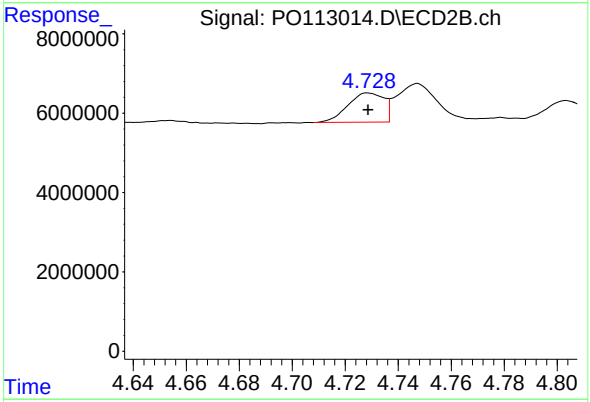

#16 AR-1242-1

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 10680758
Conc: 43.99 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC050

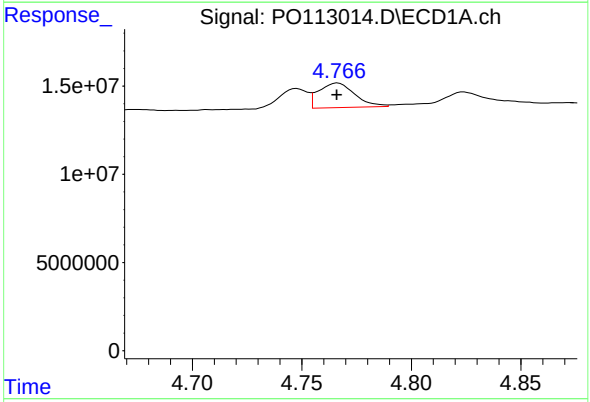
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



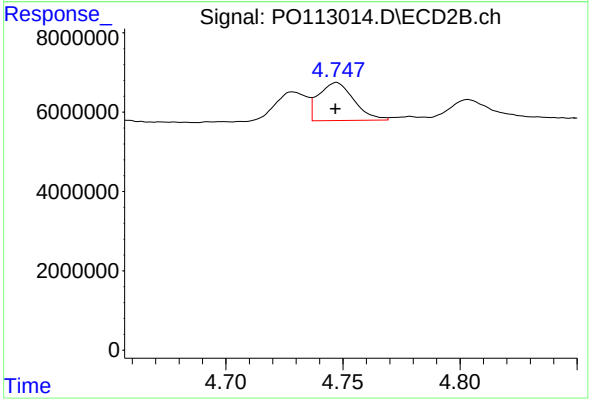

#16 AR-1242-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 6834075
Conc: 44.84 ng/ml m



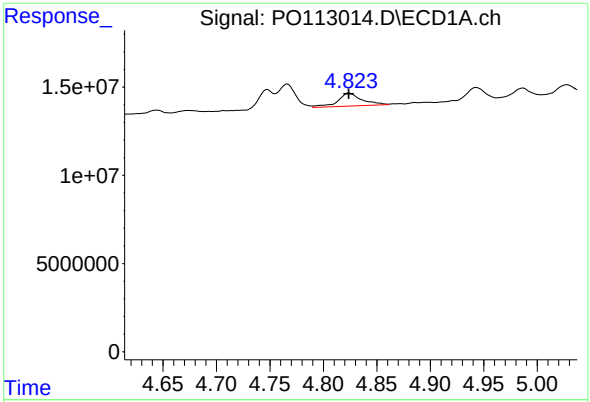

#17 AR-1242-2

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 15815267
Conc: 43.36 ng/ml m




#17 AR-1242-2

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 10049295
Conc: 44.07 ng/ml



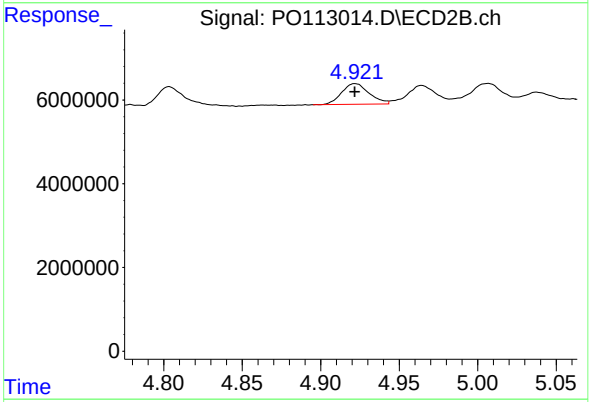

#18 AR-1242-3

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 11619589
Conc: 51.11 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC050

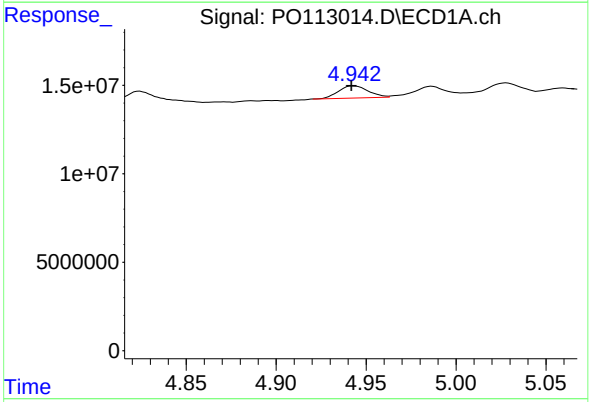
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



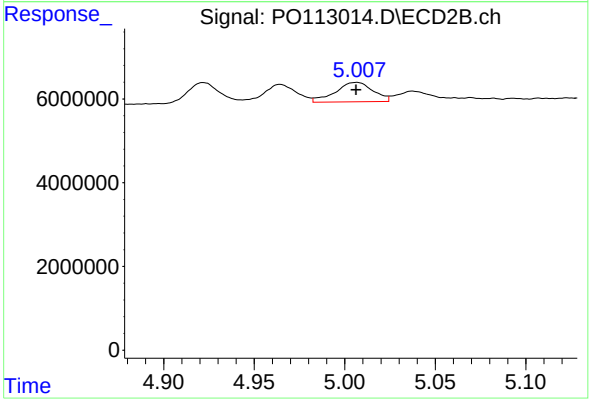

#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 6020015
Conc: 49.79 ng/ml



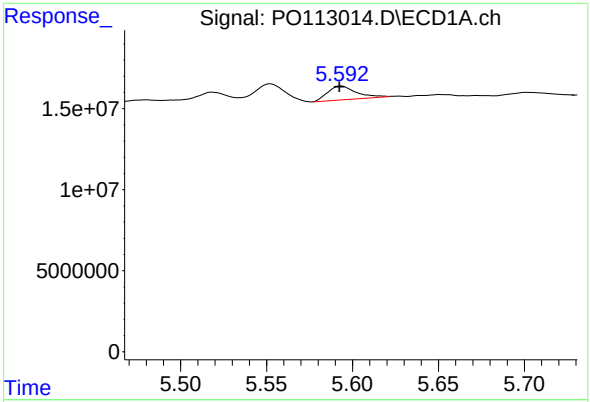

#19 AR-1242-4

R.T.: 4.943 min
Delta R.T.: 0.001 min
Response: 7908544
Conc: 43.14 ng/ml




#19 AR-1242-4

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 6750995
Conc: 57.40 ng/ml



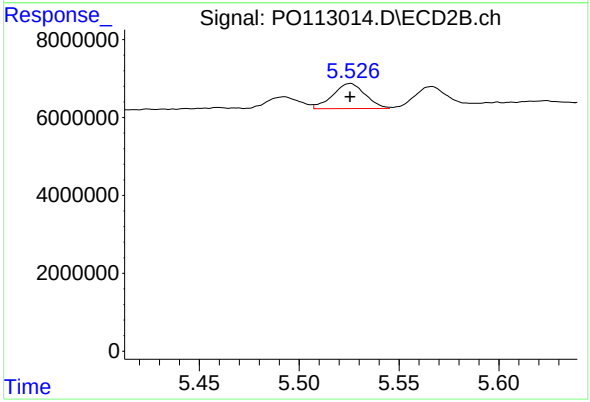

#20 AR-1242-5

R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 9912247
Conc: 47.31 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025




#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 7296334
Conc: 47.02 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:34
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:13:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 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... | 3.663 | 3.655 | 838.2E6 | 504.7E6 | 97.589 | 96.994 |
| 2) | SA Decachlor... | 8.683 | 8.627 | 718.2E6 | 189.6E6 | 94.869 | 94.382 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.748 | 4.729 | 177.6E6 | 108.5E6 | 964.791 | 927.767 |
| 22) | L5 AR-1248-2 | 4.986 | 4.965 | 240.1E6 | 150.8E6 | 971.626 | 922.798 |
| 23) | L5 AR-1248-3 | 5.200 | 5.006 | 306.1E6 | 159.4E6 | 928.687 | 921.357 |
| 24) | L5 AR-1248-4 | 5.552 | 5.177 | 475.5E6 | 188.3E6 | 935.504 | 918.888 |
| 25) | L5 AR-1248-5 | 5.593 | 5.567 | 324.2E6 | 194.0E6 | 930.863 | 916.030 |

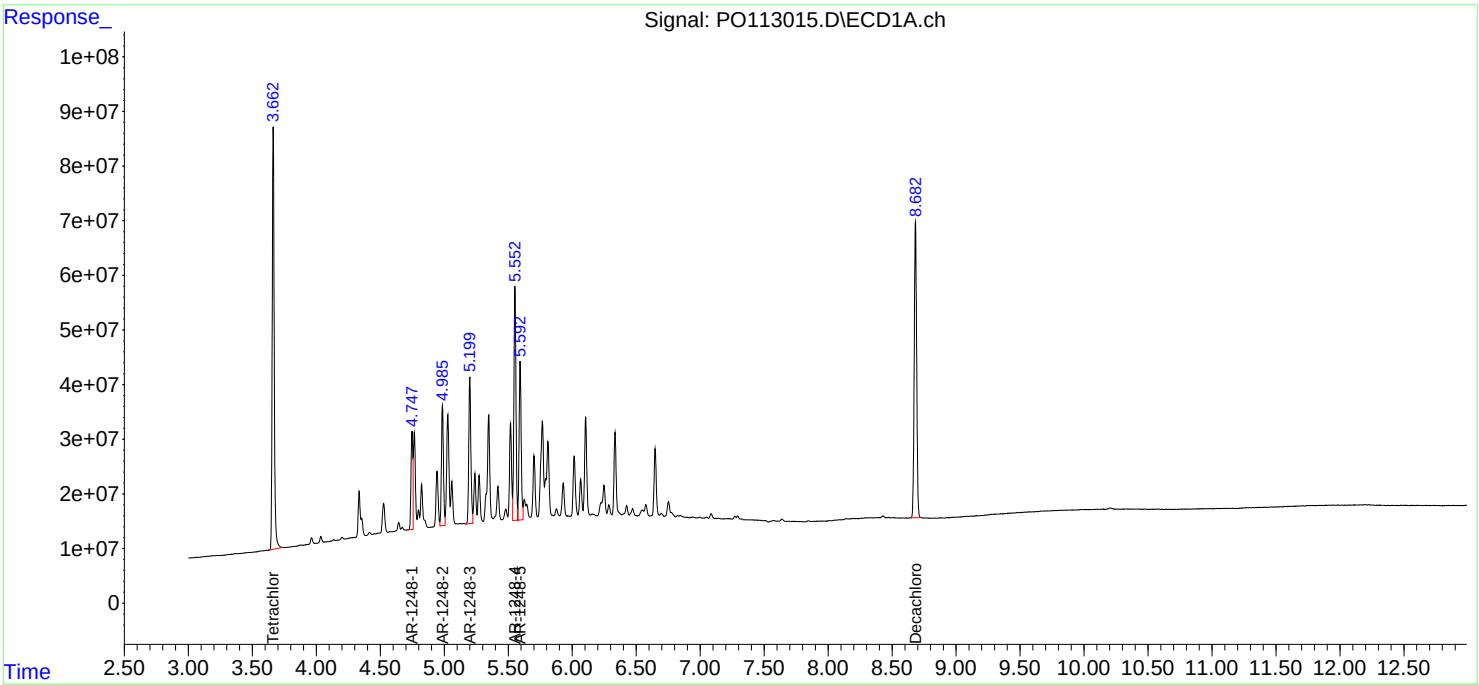
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

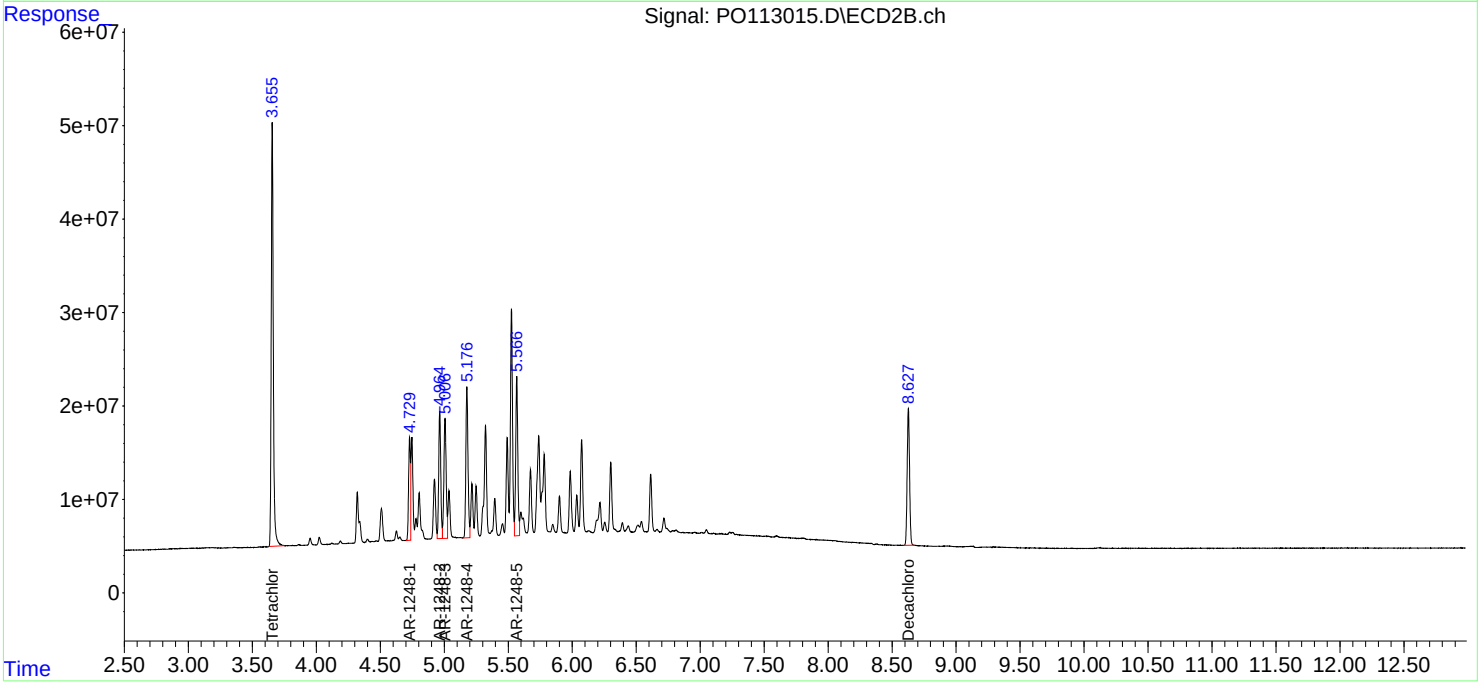
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:34
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

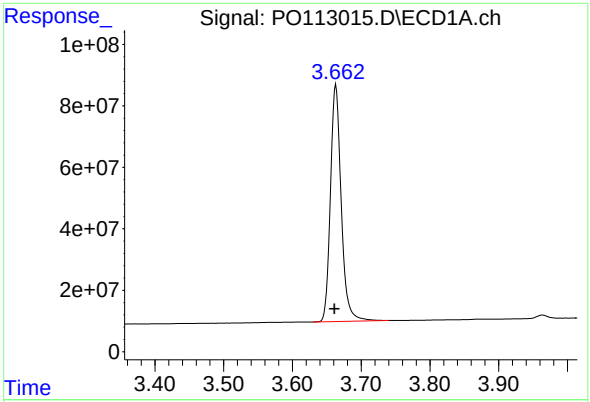
**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:13:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 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



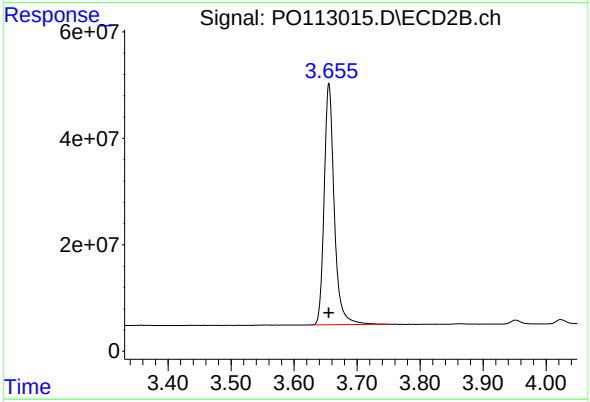






#1 Tetrachloro-m-xylene

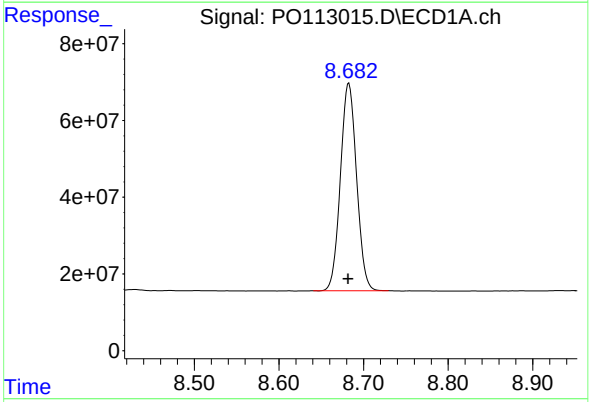
R.T.: 3.663 min
Delta R.T.: 0.002 min
Response: 838182615
Conc: 97.59 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC1000



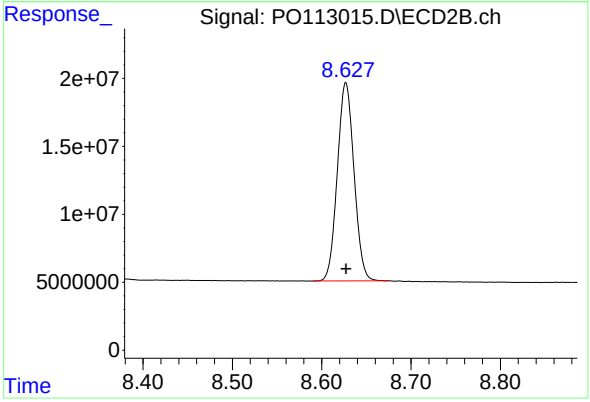

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 504699430
Conc: 96.99 ng/ml



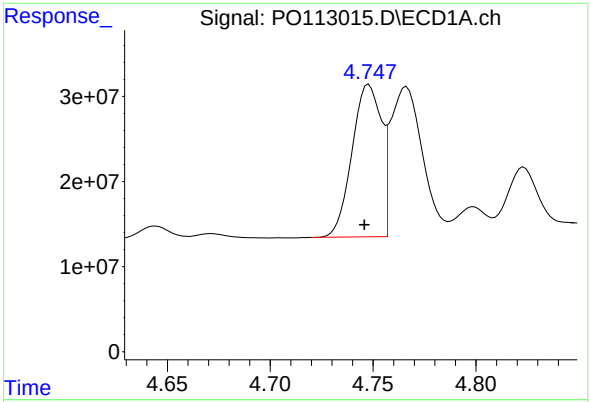

#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.001 min
Response: 718165907
Conc: 94.87 ng/ml




#2 Decachlorobiphenyl

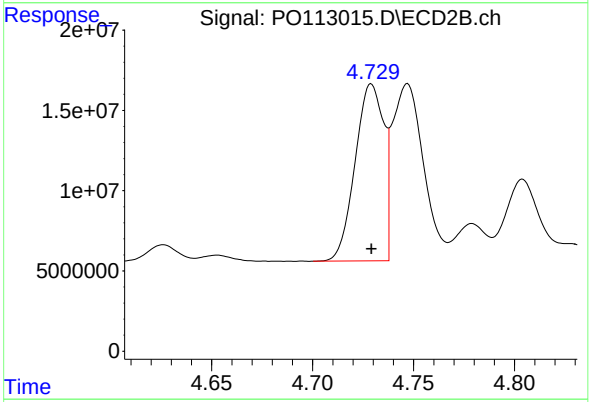
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 189588294
Conc: 94.38 ng/ml




#21 AR-1248-1

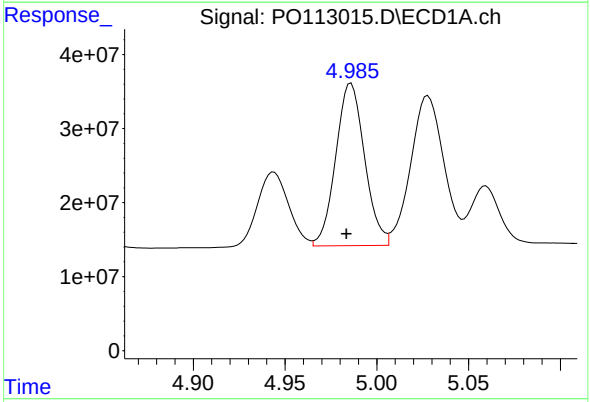
R.T.: 4.748 min
Delta R.T.: 0.002 min
Response: 177555092
Conc: 964.79 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC1000



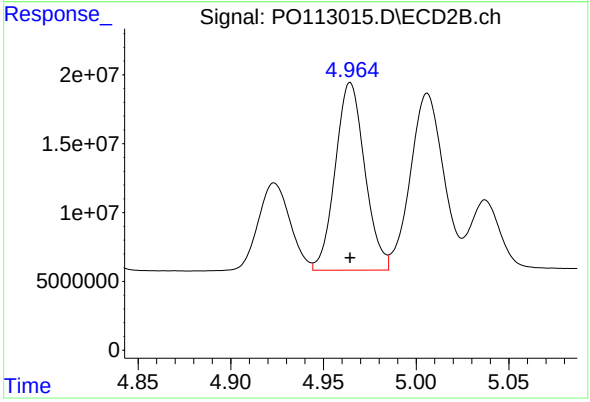

#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 108471143
Conc: 927.77 ng/ml



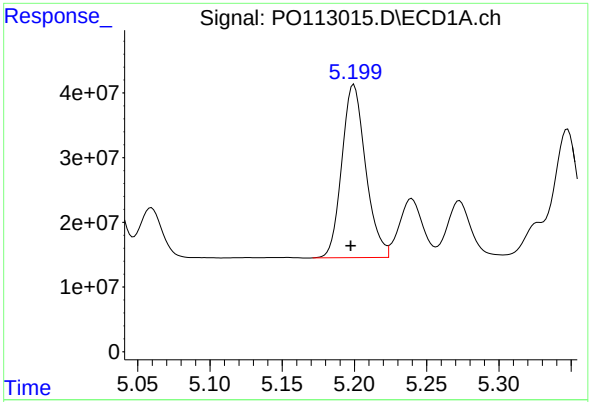

#22 AR-1248-2

R.T.: 4.986 min
Delta R.T.: 0.003 min
Response: 240102006
Conc: 971.63 ng/ml




#22 AR-1248-2

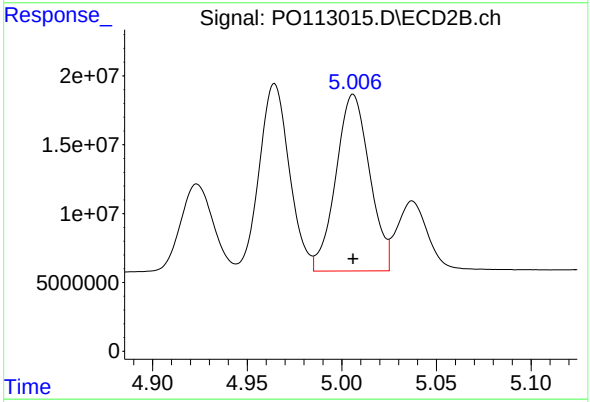
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 150794660
Conc: 922.80 ng/ml




#23 AR-1248-3

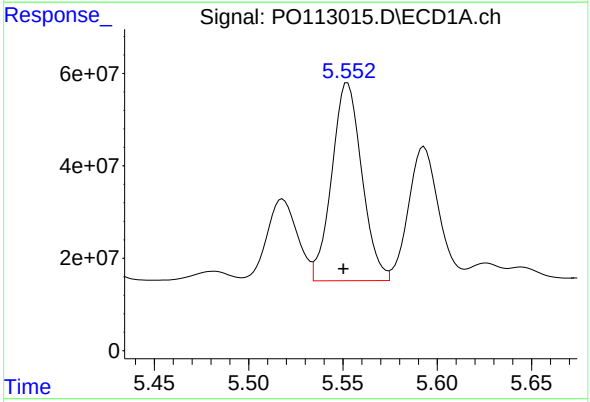
R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 306109229
Conc: 928.69 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC1000



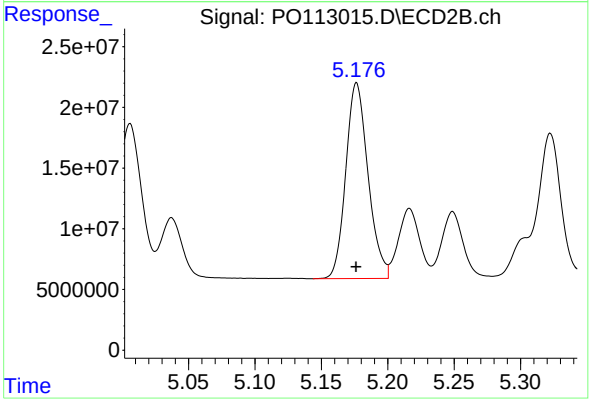

#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 159433549
Conc: 921.36 ng/ml



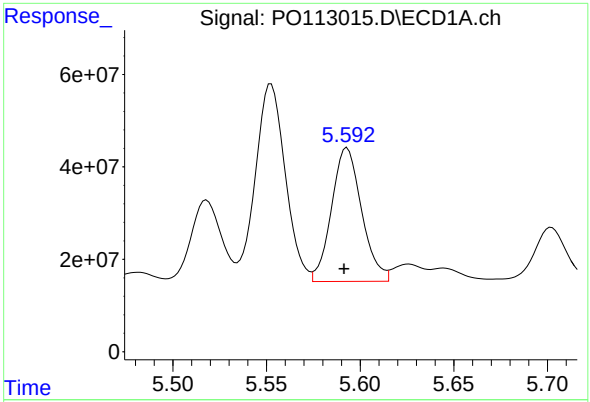

#24 AR-1248-4

R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 475546851
Conc: 935.50 ng/ml




#24 AR-1248-4

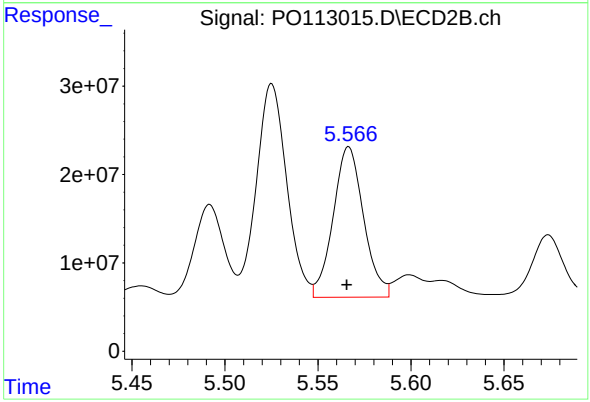
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 188271317
Conc: 918.89 ng/ml




#25 AR-1248-5

R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 324226410
Conc: 930.86 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC1000




#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 194018440
Conc: 916.03 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:52
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:13:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 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... | 3.663 | 3.655 | 641.1E6 | 386.6E6 | 74.640 | 74.305 |
| 2) | SA Decachlor... | 8.682 | 8.628 | 563.6E6 | 148.6E6 | 74.452 | 73.955 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.748 | 4.728 | 136.0E6 | 84958849 | 738.729 | 726.663 |
| 22) | L5 AR-1248-2 | 4.986 | 4.964 | 184.8E6 | 118.3E6 | 747.715 | 723.853 |
| 23) | L5 AR-1248-3 | 5.200 | 5.006 | 236.8E6 | 124.8E6 | 718.364 | 721.172 |
| 24) | L5 AR-1248-4 | 5.552 | 5.176 | 368.4E6 | 146.9E6 | 724.738 | 716.783 |
| 25) | L5 AR-1248-5 | 5.593 | 5.566 | 254.1E6 | 153.0E6 | 729.605 | 722.136 |

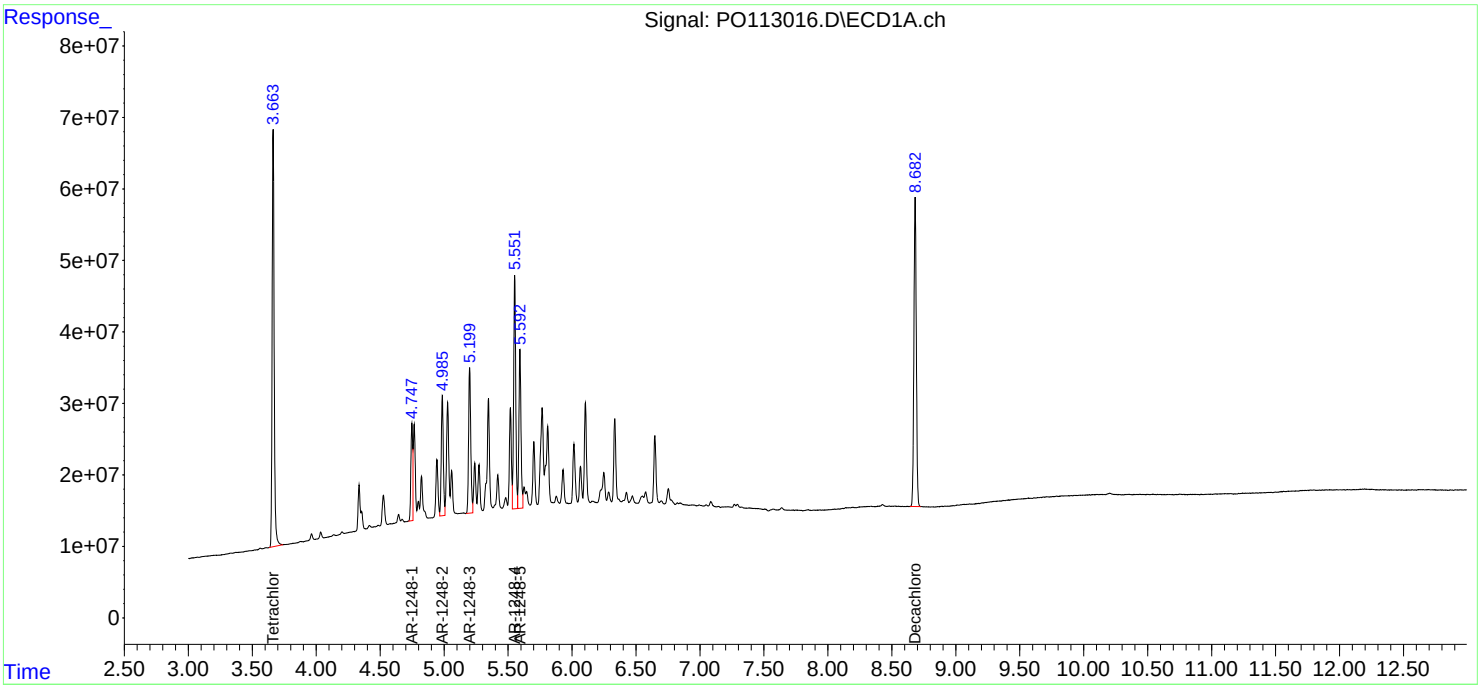
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

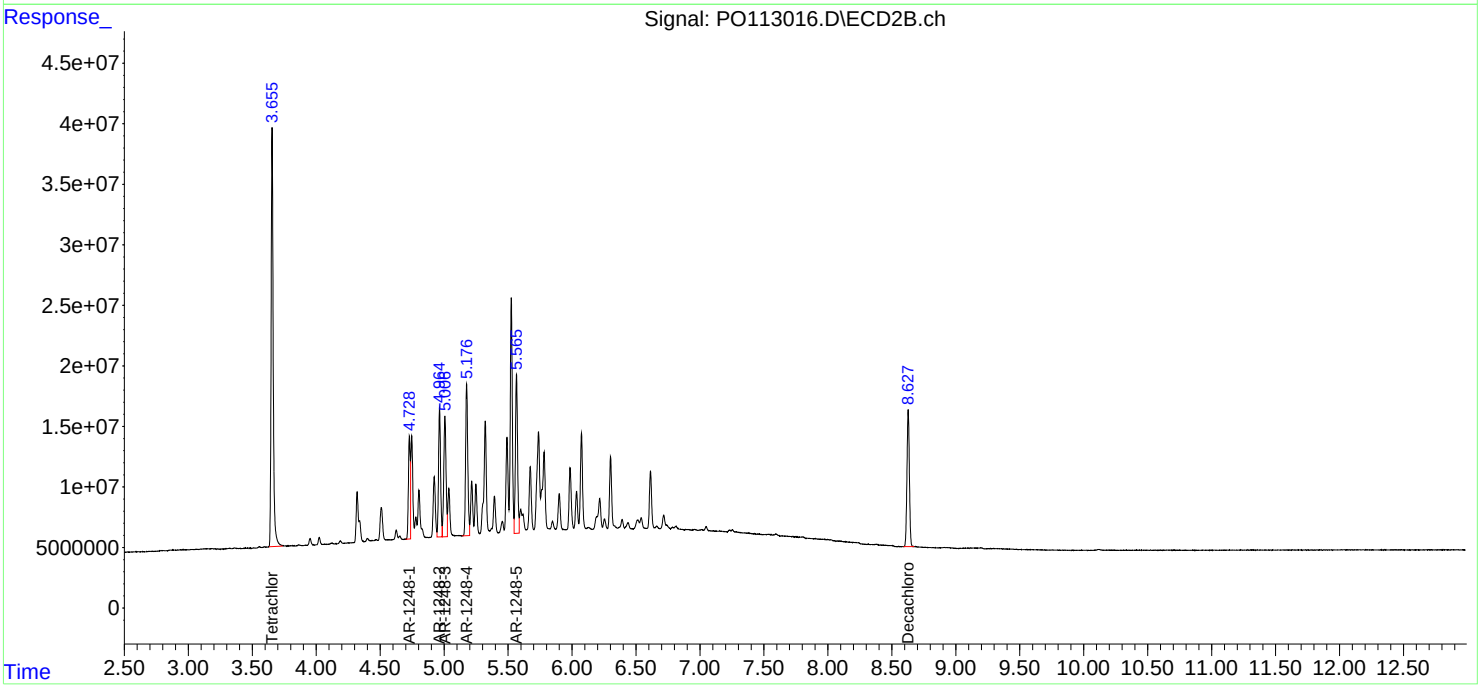
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:52
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

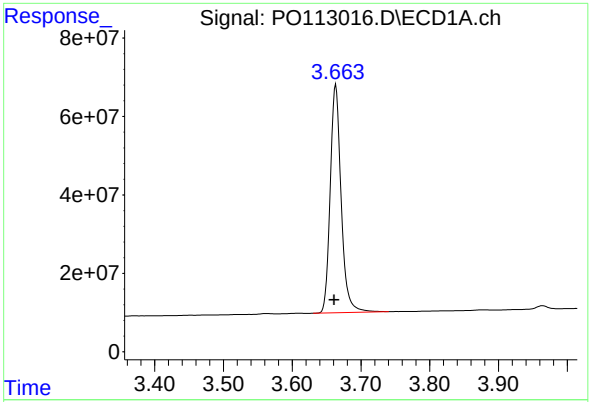
**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:13:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 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



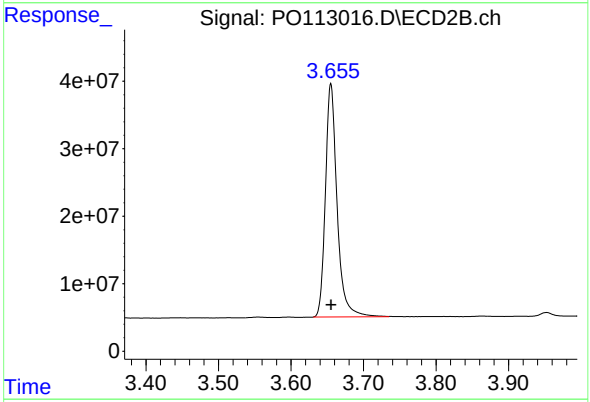






#1 Tetrachloro-m-xylene

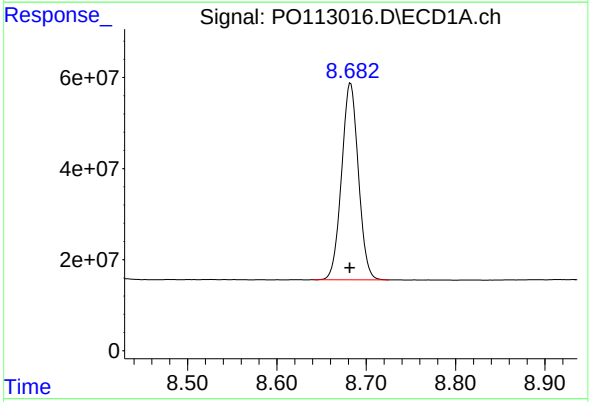
R.T.: 3.663 min
Delta R.T.: 0.002 min
Response: 641081303
Conc: 74.64 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC750



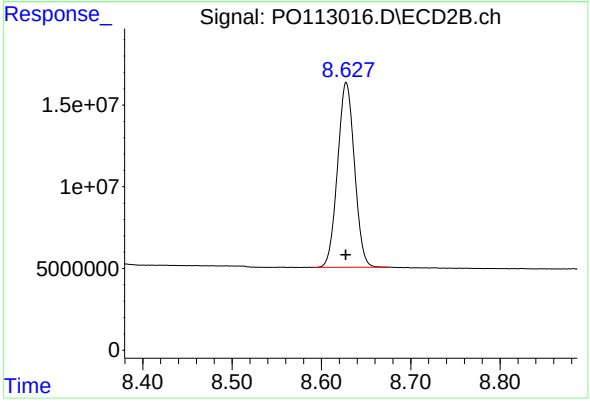

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 386640184
Conc: 74.30 ng/ml



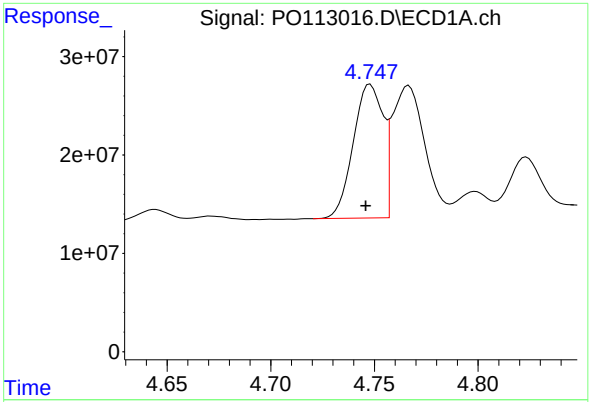

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 563605312
Conc: 74.45 ng/ml




#2 Decachlorobiphenyl

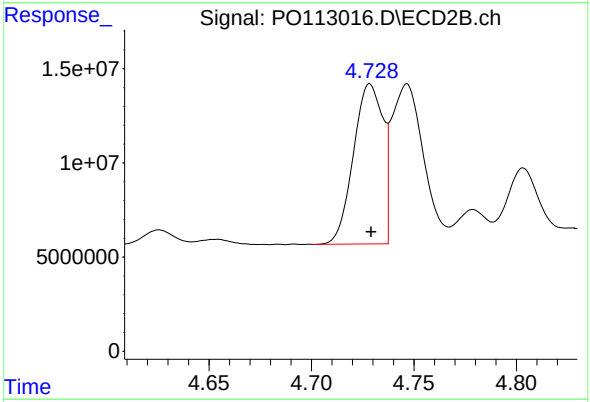
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 148556245
Conc: 73.96 ng/ml




#21 AR-1248-1

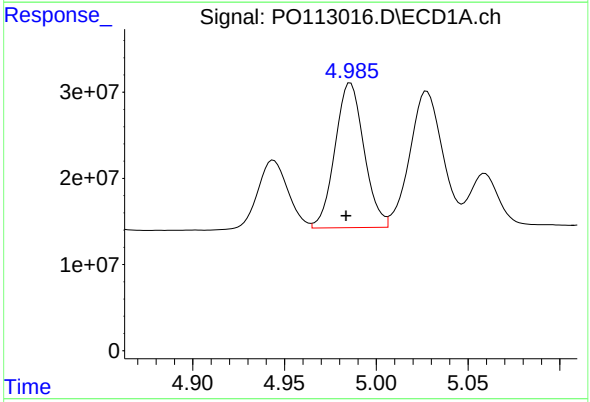
R.T.: 4.748 min
Delta R.T.: 0.002 min
Response: 135951908
Conc: 738.73 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC750



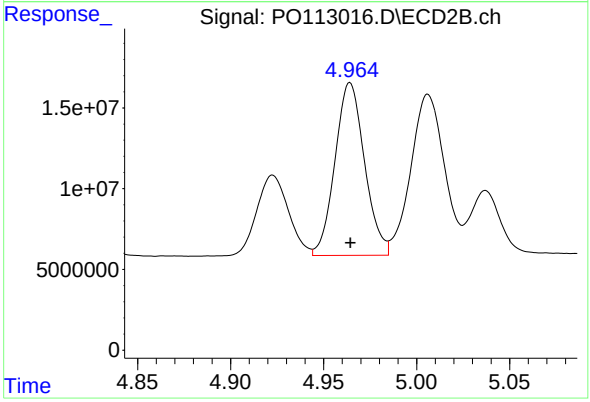

#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 84958849
Conc: 726.66 ng/ml



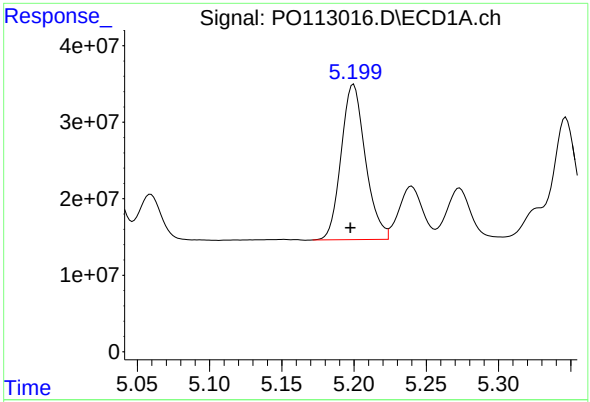

#22 AR-1248-2

R.T.: 4.986 min
Delta R.T.: 0.003 min
Response: 184770579
Conc: 747.72 ng/ml




#22 AR-1248-2

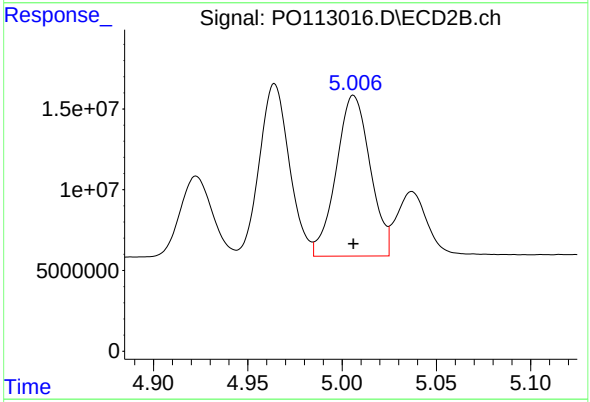
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 118284961
Conc: 723.85 ng/ml




#23 AR-1248-3

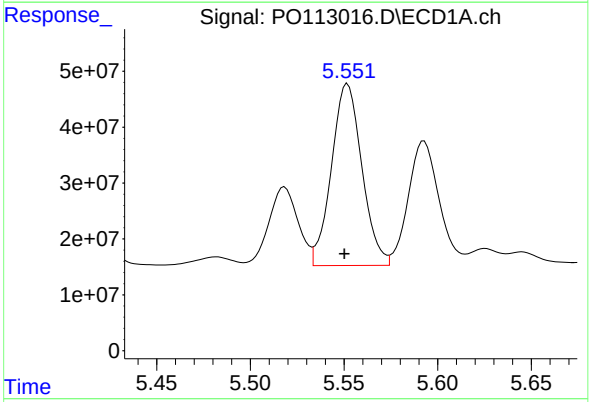
R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 236783487
Conc: 718.36 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC750



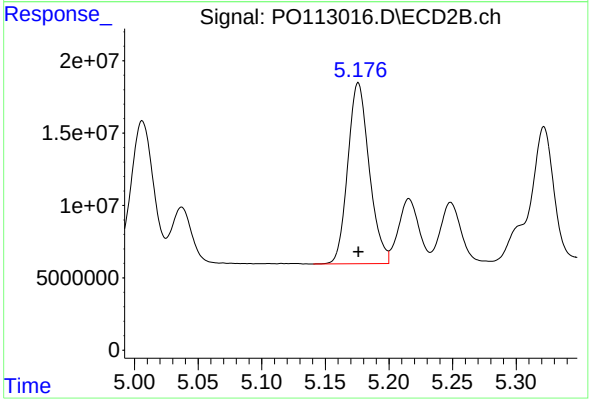

#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 124793039
Conc: 721.17 ng/ml



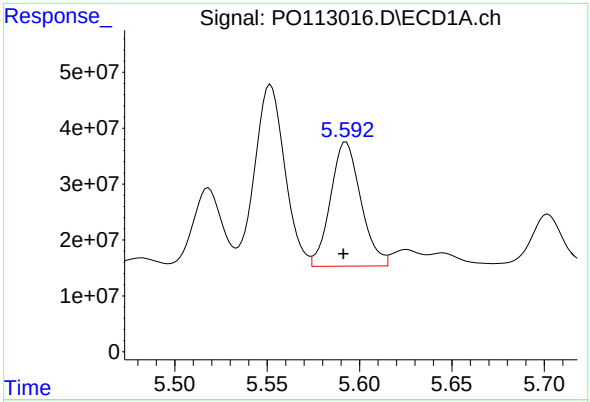

#24 AR-1248-4

R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 368407338
Conc: 724.74 ng/ml




#24 AR-1248-4

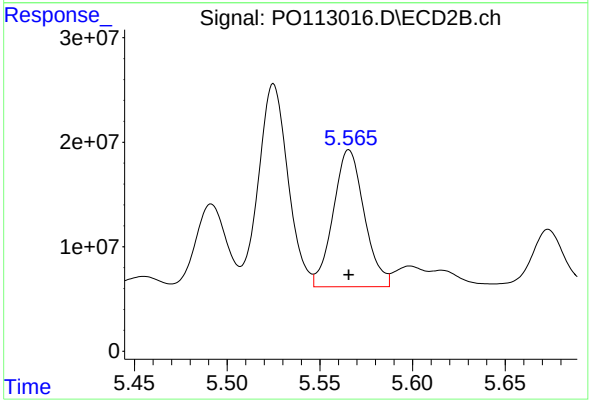
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 146861914
Conc: 716.78 ng/ml




#25 AR-1248-5

R.T.: 5.593 min
Delta R.T.: 0.001 min
Response: 254126727
Conc: 729.60 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC750




#25 AR-1248-5

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 152951072
Conc: 722.14 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:09
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 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... | 3.661 | 3.655 | 429.4E6 | 260.2E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.682 | 8.627 | 378.5E6 | 100.4E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.746 | 4.729 | 92017394 | 58458199 | 500.000 | 500.000 |
| 22) | L5 AR-1248-2 | 4.983 | 4.964 | 123.6E6 | 81705093 | 500.000 | 500.000 |
| 23) | L5 AR-1248-3 | 5.198 | 5.006 | 164.8E6 | 86521016 | 500.000 | 500.000 |
| 24) | L5 AR-1248-4 | 5.550 | 5.176 | 254.2E6 | 102.4E6 | 500.000 | 500.000 |
| 25) | L5 AR-1248-5 | 5.591 | 5.566 | 174.2E6 | 105.9E6 | 500.000 | 500.000 |

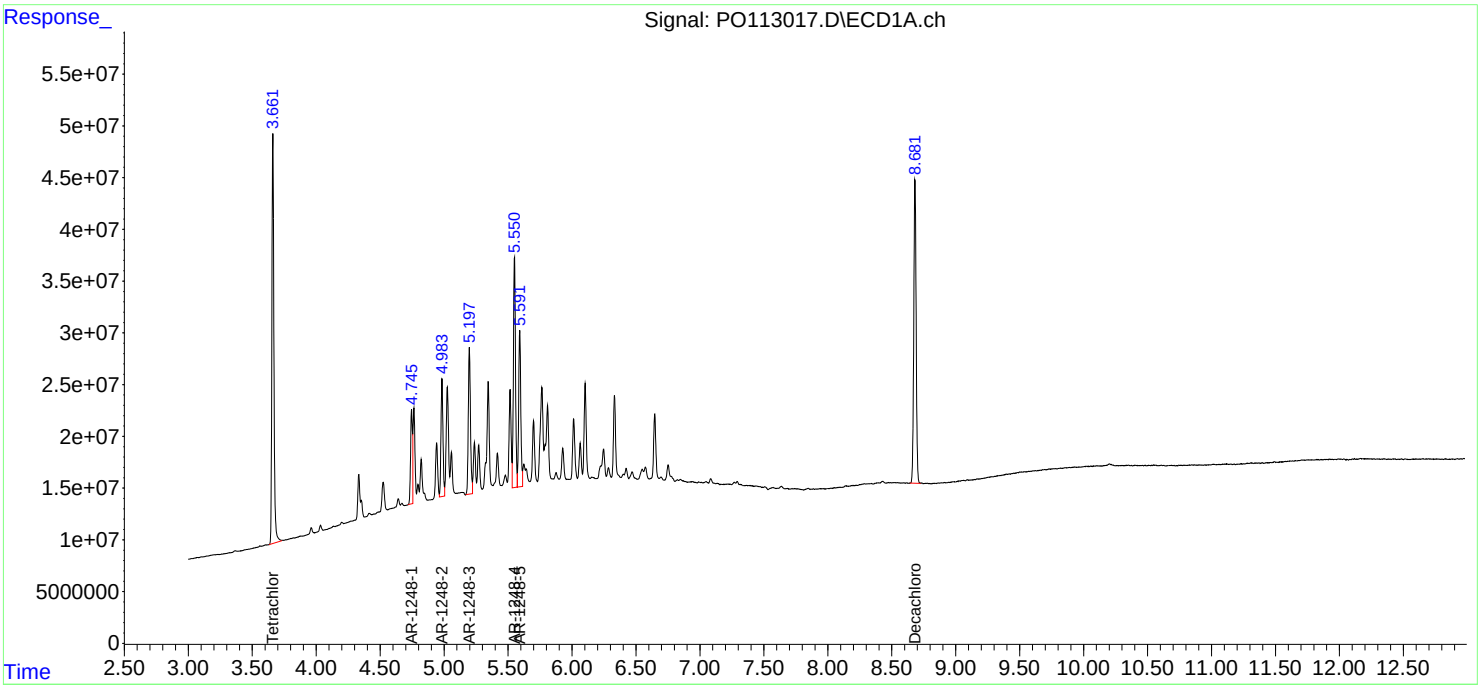
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

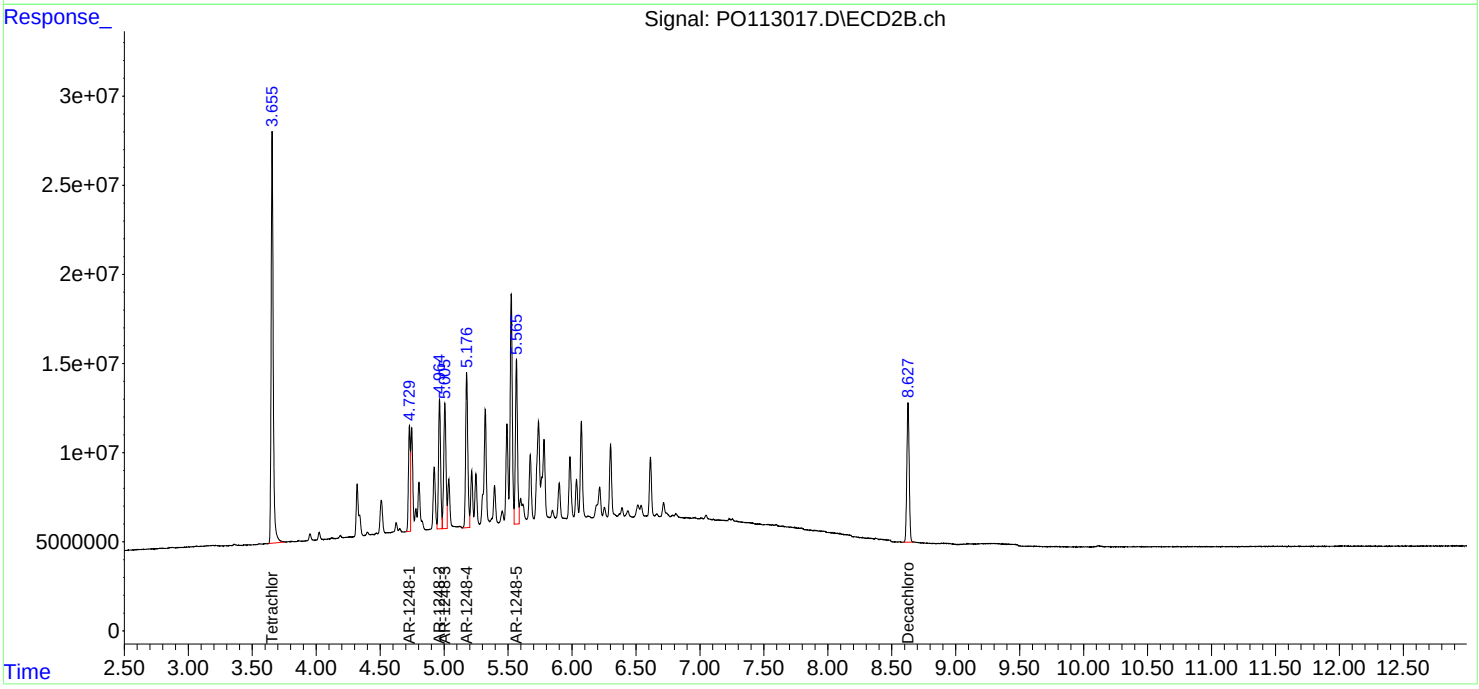
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:09
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

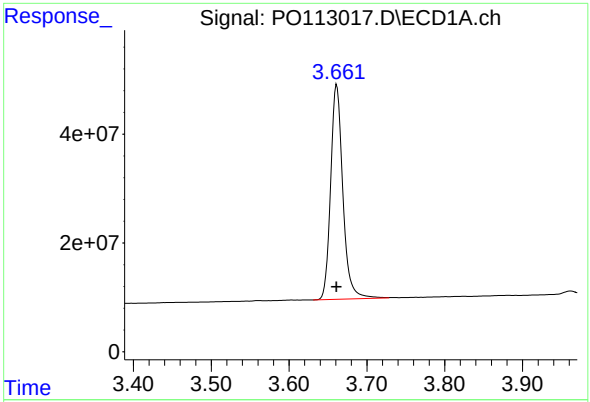
**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 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



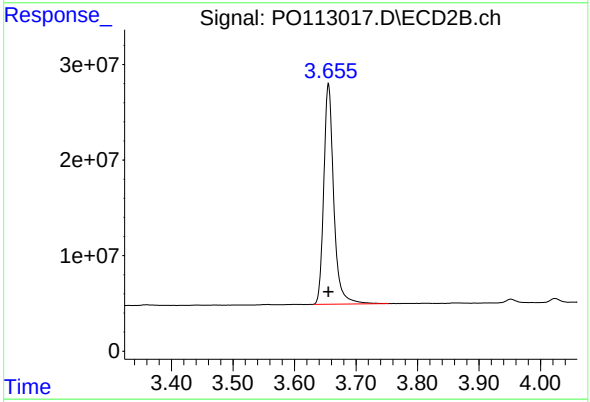






#1 Tetrachloro-m-xylene

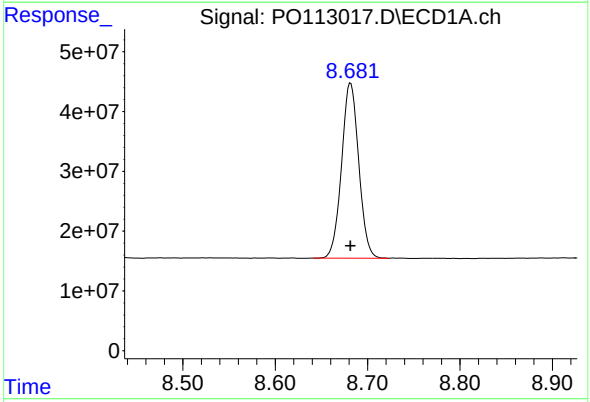
R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 429447429
Conc: 50.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC500



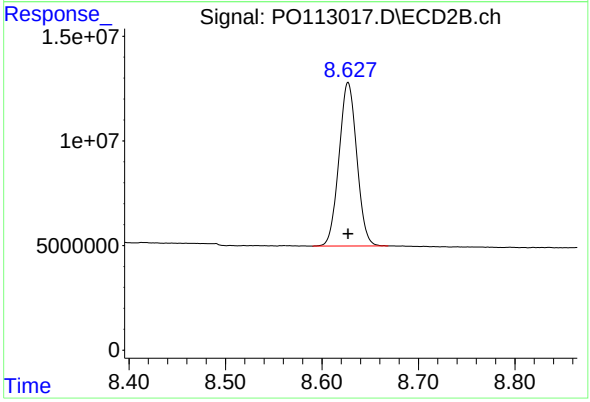

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 260171767
Conc: 50.00 ng/ml



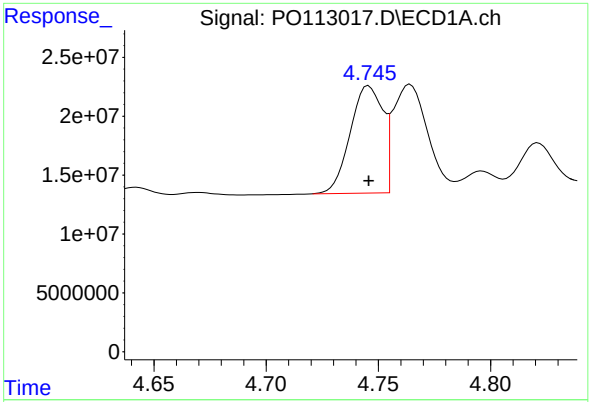

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 378502615
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

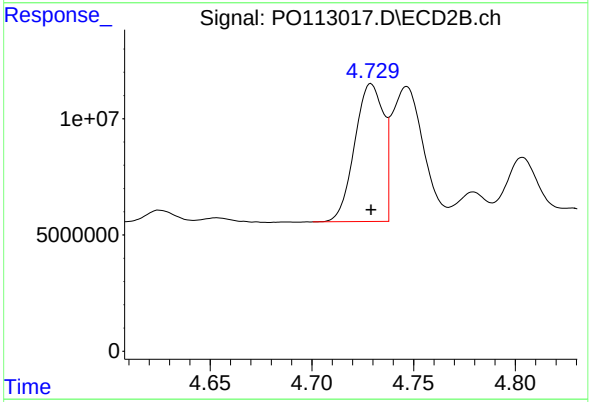
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 100436496
Conc: 50.00 ng/ml




#21 AR-1248-1

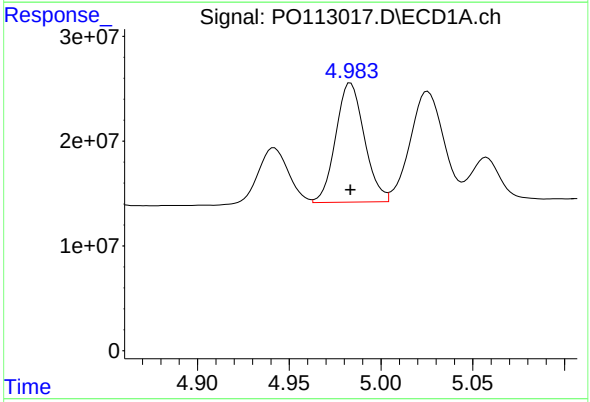
R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 92017394
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC500



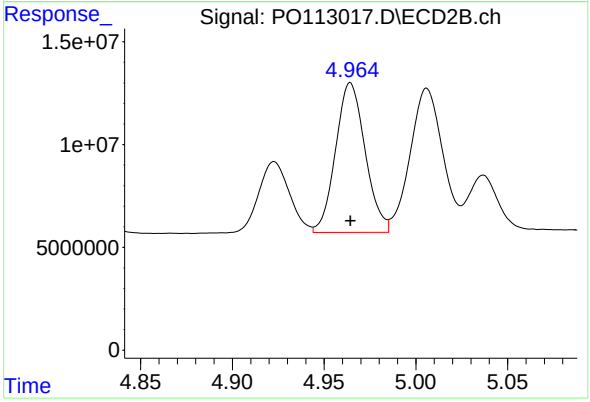

#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 58458199
Conc: 500.00 ng/ml



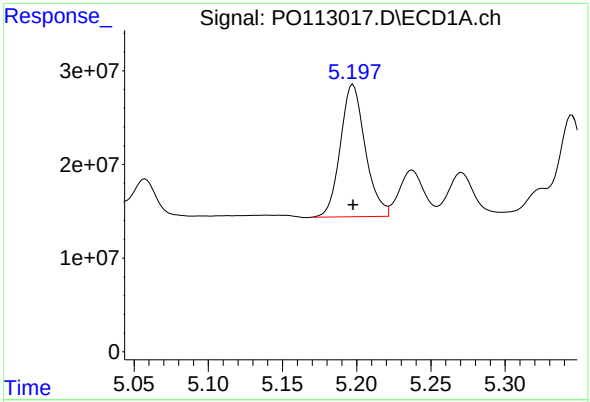

#22 AR-1248-2

R.T.: 4.983 min
Delta R.T.: 0.000 min
Response: 123556789
Conc: 500.00 ng/ml




#22 AR-1248-2

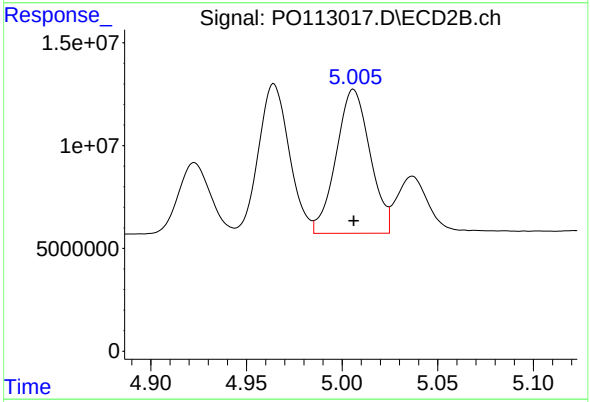
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 81705093
Conc: 500.00 ng/ml




#23 AR-1248-3

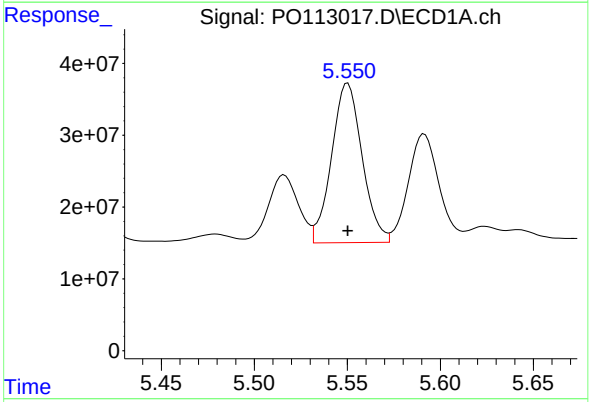
R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 164807523
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC500



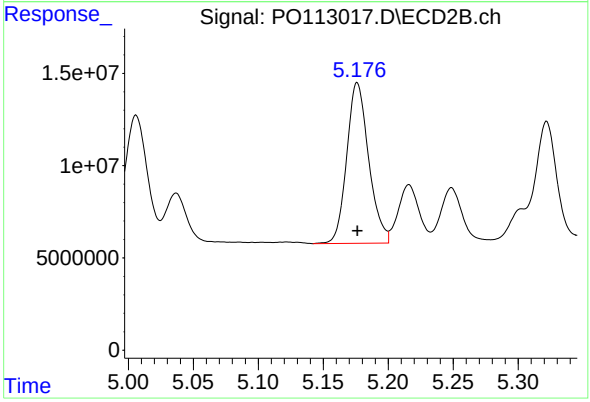

#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 86521016
Conc: 500.00 ng/ml



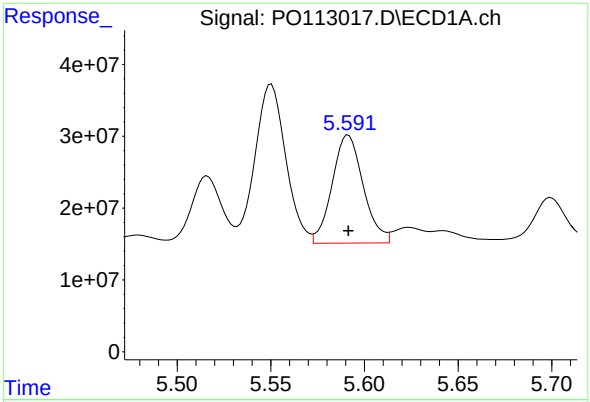

#24 AR-1248-4

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 254166010
Conc: 500.00 ng/ml




#24 AR-1248-4

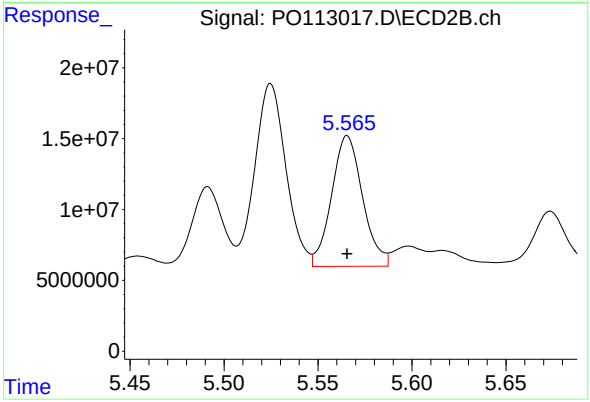
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 102445230
Conc: 500.00 ng/ml




#25 AR-1248-5

R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 174153715
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC500




#25 AR-1248-5

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 105901816
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:28
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 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... | 3.664 | 3.656 | 209.7E6 | 126.9E6 | 24.414 | 24.390 |
| 2) | SA Decachlor... | 8.682 | 8.627 | 188.2E6 | 51115576 | 24.865 | 25.447 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.748 | 4.729 | 45122166 | 29255539 | 245.183 | 250.226 |
| 22) | L5 AR-1248-2 | 4.986 | 4.965 | 62979159 | 42275318 | 254.859 | 258.707 |
| 23) | L5 AR-1248-3 | 5.200 | 5.007 | 79668469 | 44175959 | 241.702 | 255.290 |
| 24) | L5 AR-1248-4 | 5.553 | 5.178 | 126.5E6 | 52254392 | 248.765 | 255.036 |
| 25) | L5 AR-1248-5 | 5.594 | 5.567 | 84964920 | 55625603 | 243.937 | 262.628 |

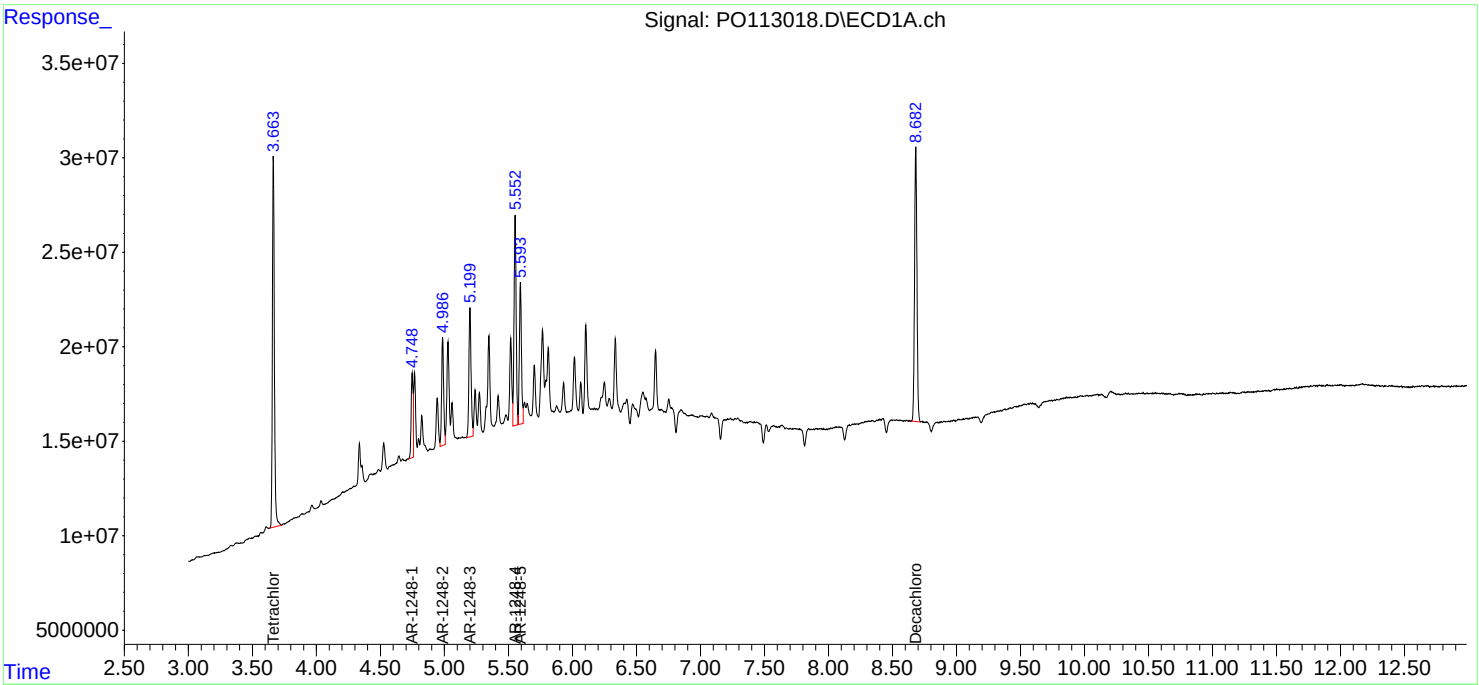
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

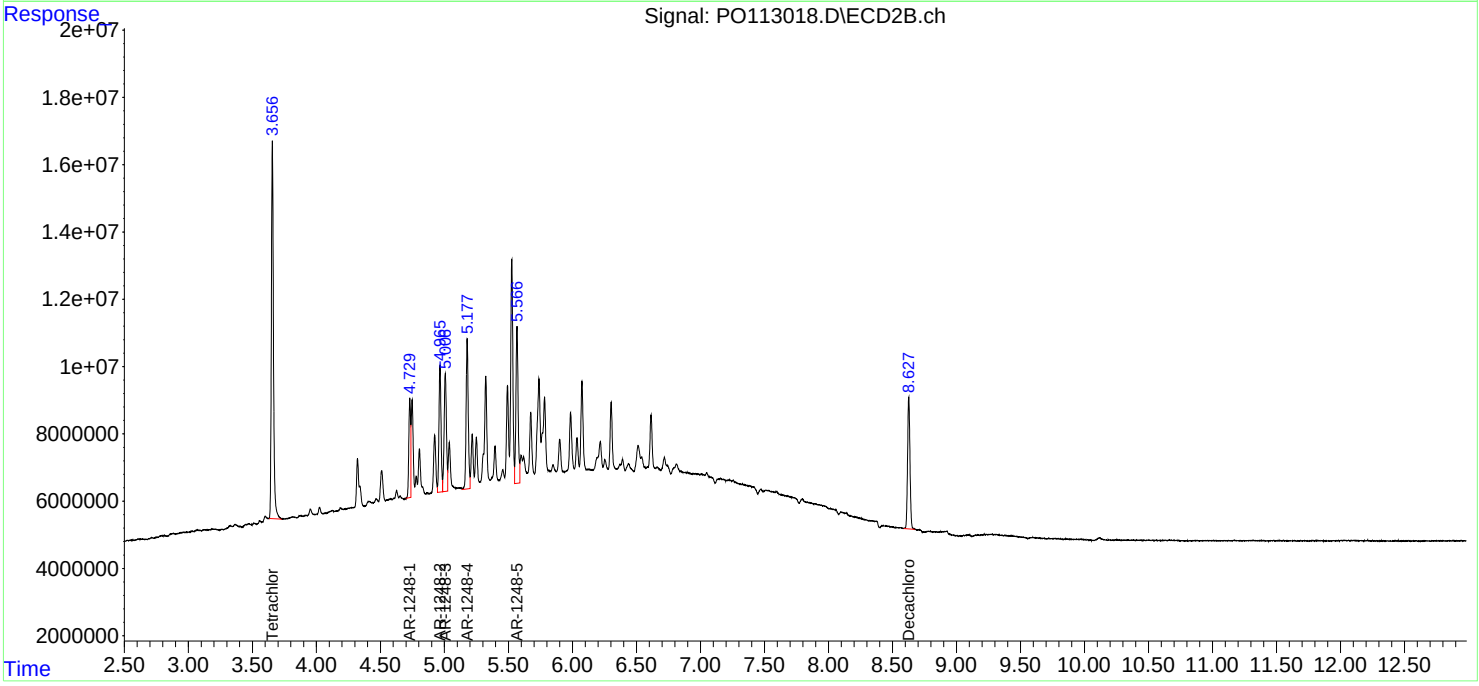
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:28
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

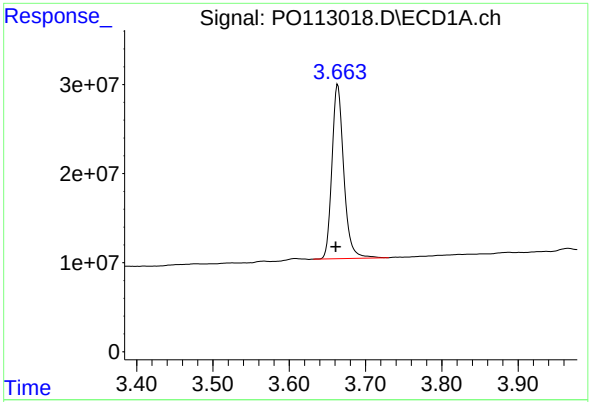
**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 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



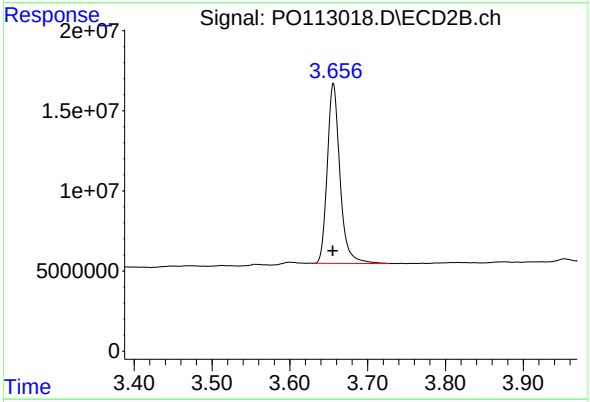






#1 Tetrachloro-m-xylene

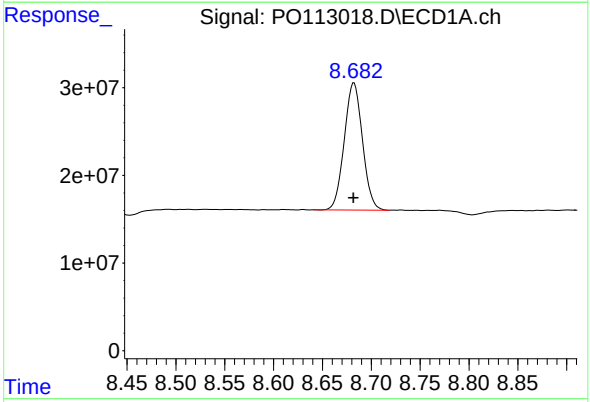
R.T.: 3.664 min
Delta R.T.: 0.003 min
Response: 209686296
Conc: 24.41 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC250



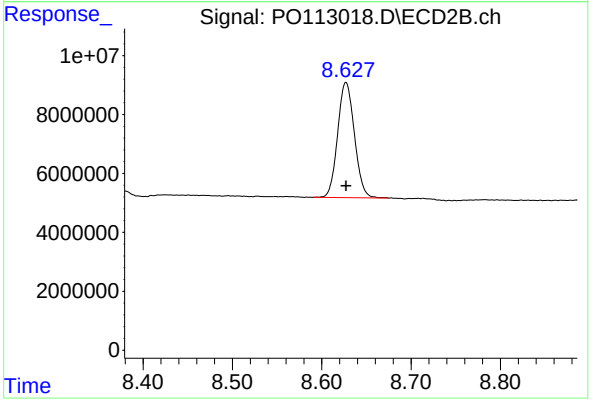

#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 126913138
Conc: 24.39 ng/ml



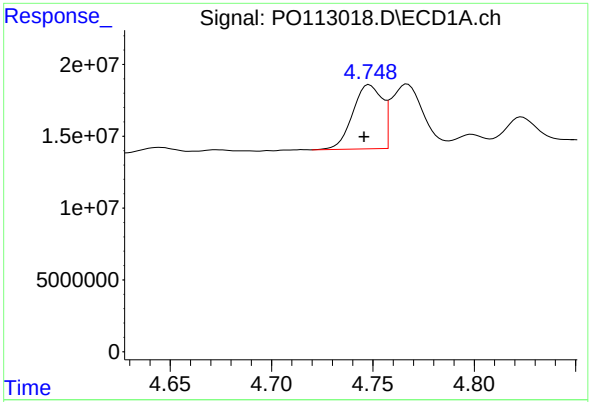

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 188232180
Conc: 24.87 ng/ml




#2 Decachlorobiphenyl

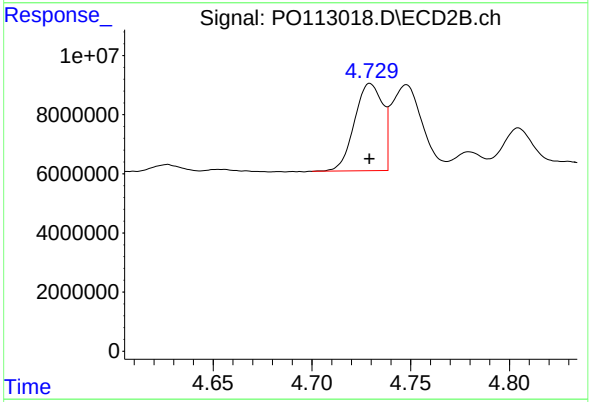
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 51115576
Conc: 25.45 ng/ml




#21 AR-1248-1

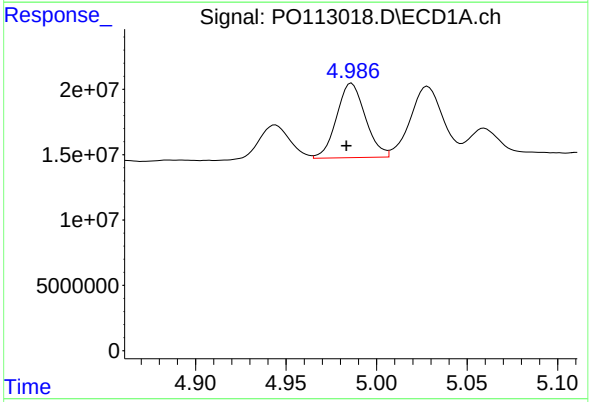
R.T.: 4.748 min
Delta R.T.: 0.003 min
Response: 45122166
Conc: 245.18 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC250



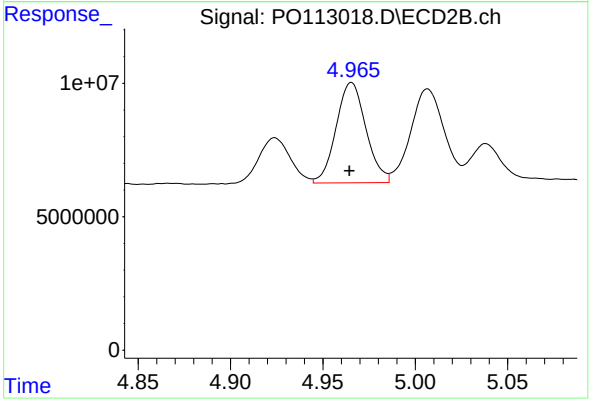

#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 29255539
Conc: 250.23 ng/ml



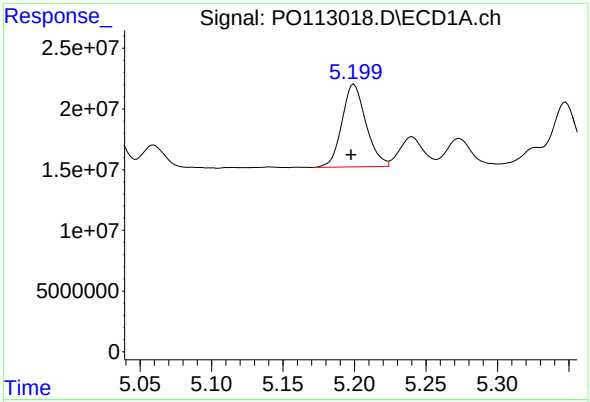

#22 AR-1248-2

R.T.: 4.986 min
Delta R.T.: 0.003 min
Response: 62979159
Conc: 254.86 ng/ml




#22 AR-1248-2

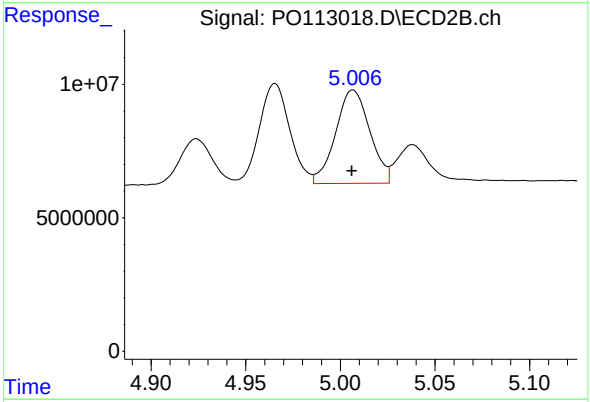
R.T.: 4.965 min
Delta R.T.: 0.001 min
Response: 42275318
Conc: 258.71 ng/ml




#23 AR-1248-3

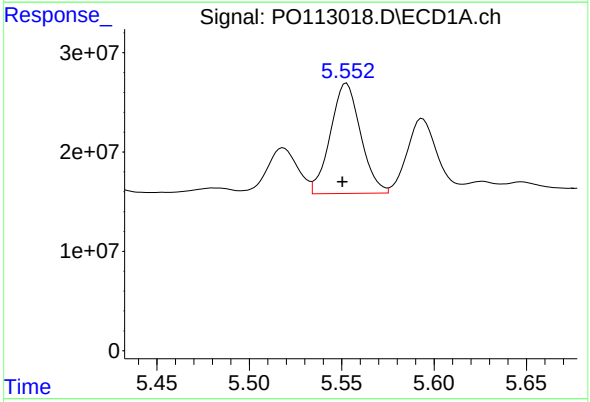
R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 79668469
Conc: 241.70 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC250



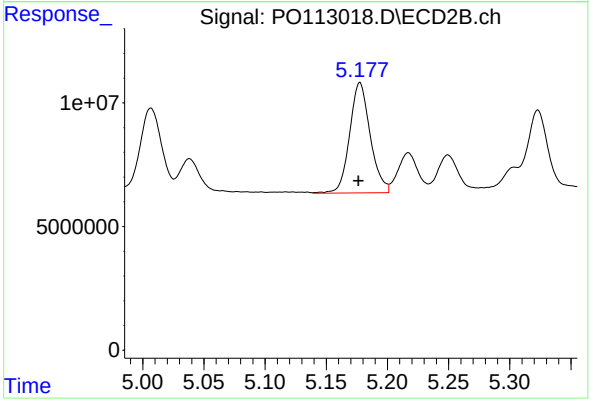

#23 AR-1248-3

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 44175959
Conc: 255.29 ng/ml



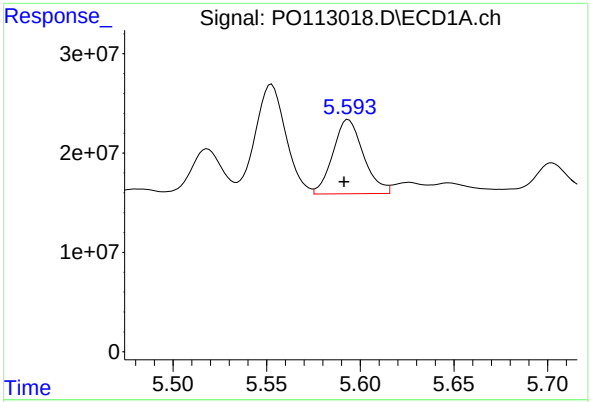

#24 AR-1248-4

R.T.: 5.553 min
Delta R.T.: 0.002 min
Response: 126455461
Conc: 248.77 ng/ml




#24 AR-1248-4

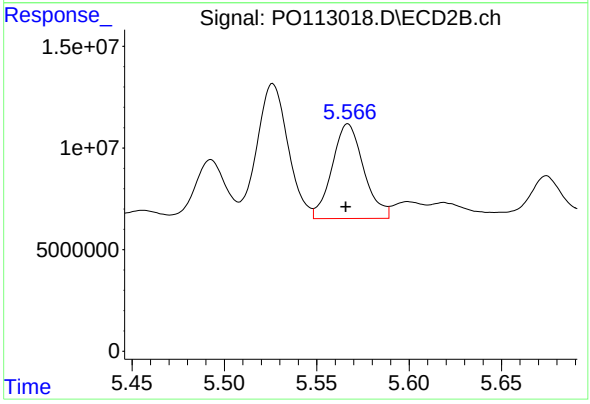
R.T.: 5.178 min
Delta R.T.: 0.001 min
Response: 52254392
Conc: 255.04 ng/ml




#25 AR-1248-5

R.T.: 5.594 min
Delta R.T.: 0.002 min
Response: 84964920
Conc: 243.94 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC250




#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.001 min
Response: 55625603
Conc: 262.63 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:46
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 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... | 3.663 | 3.655 | 33541803 | 21100686 | 3.905 | 4.055 |
| 2) | SA Decachlor... | 8.683 | 8.627 | 30379928 | 8654947 | 4.013 | 4.309 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.748 | 4.729 | 7449194 | 5093554 | 40.477 | 43.566 |
| 22) | L5 AR-1248-2 | 4.986 | 4.964 | 11191763 | 8123784 | 45.290 | 49.714 |
| 23) | L5 AR-1248-3 | 5.200 | 5.006 | 16210491 | 8636665 | 49.180 | 49.911 |
| 24) | L5 AR-1248-4 | 5.553 | 5.176 | 25855584 | 9905263 | 50.864 | 48.344 |
| 25) | L5 AR-1248-5 | 5.593 | 5.567 | 17811440 | 11461135 | 51.137 | 54.112 |

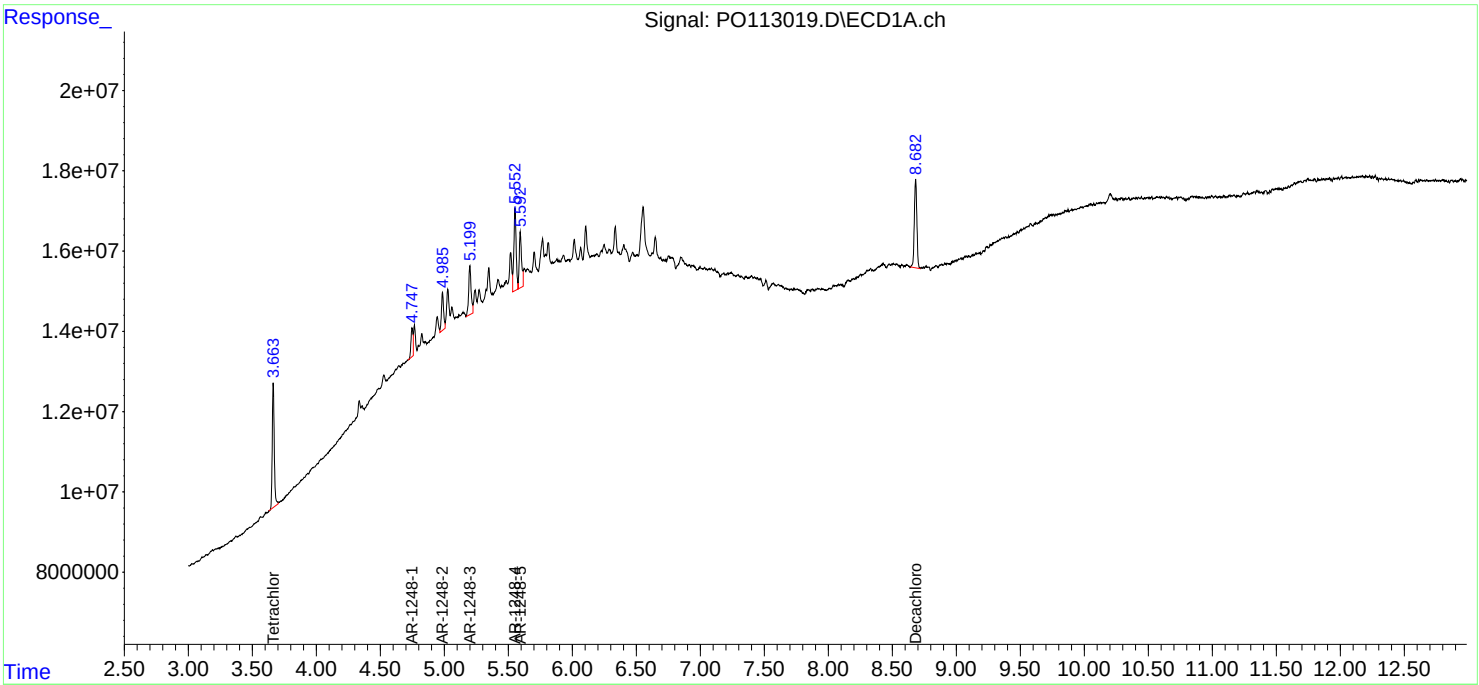
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

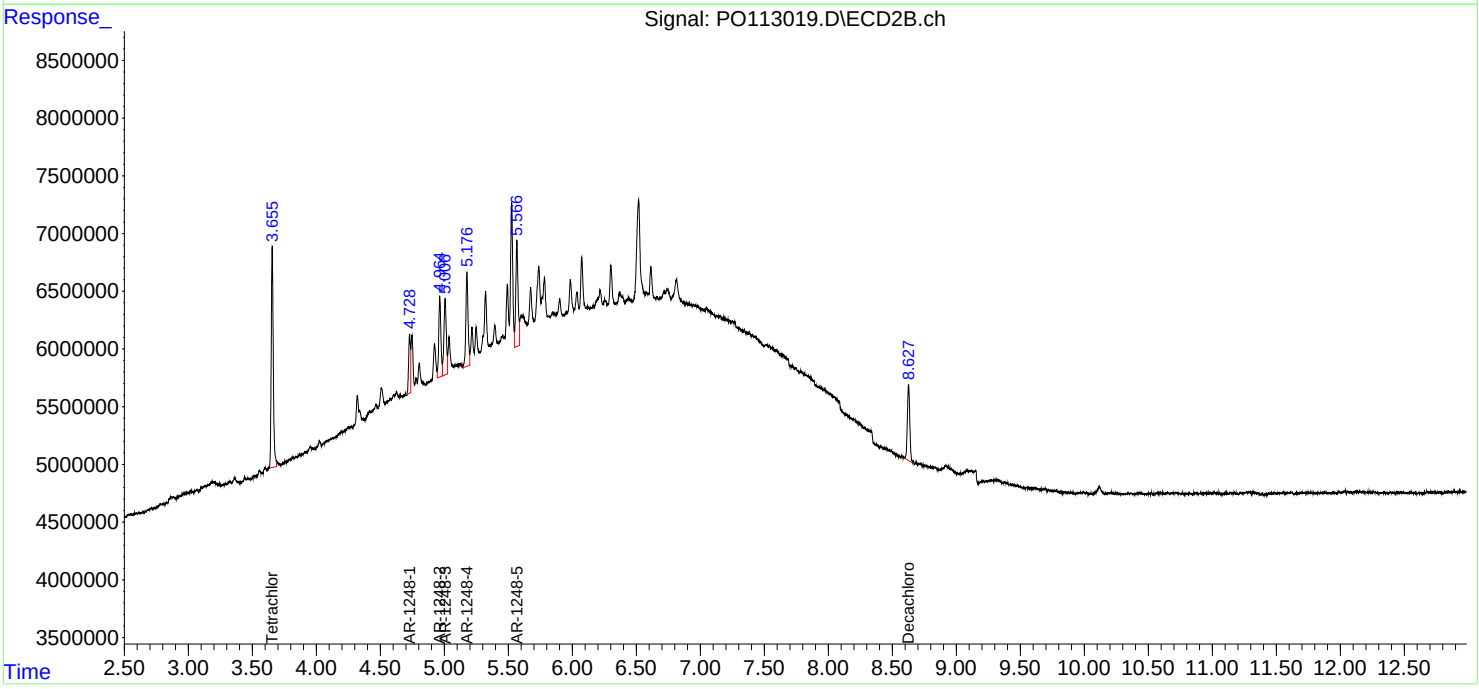
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:46
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

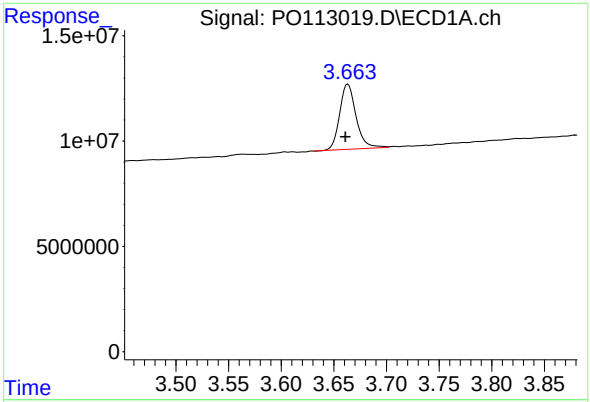
**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:14:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:12:51 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



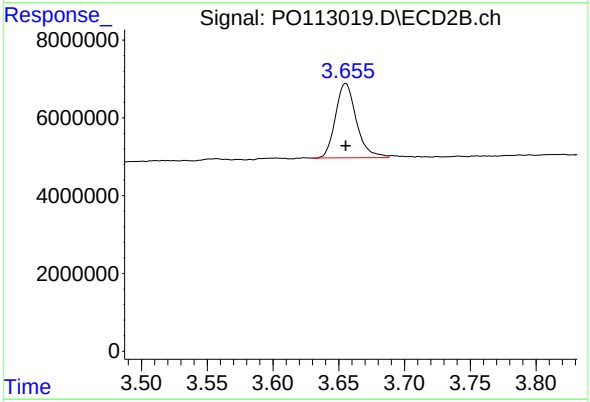






#1 Tetrachloro-m-xylene

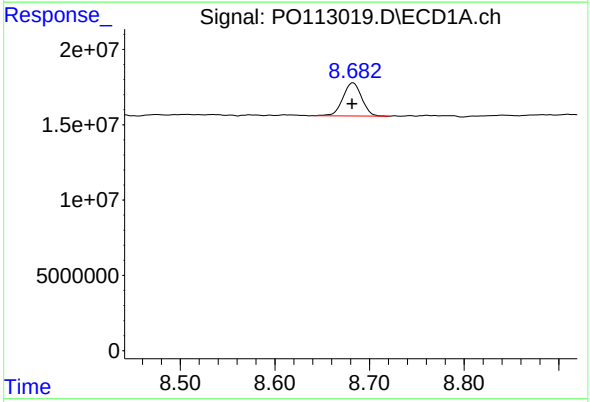
R.T.: 3.663 min
Delta R.T.: 0.002 min
Response: 33541803
Conc: 3.91 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC050



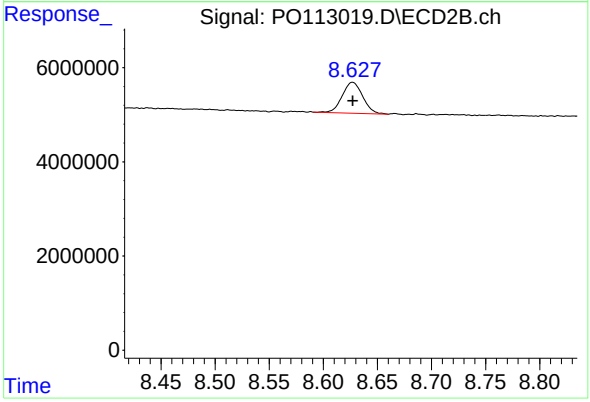

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 21100686
Conc: 4.06 ng/ml



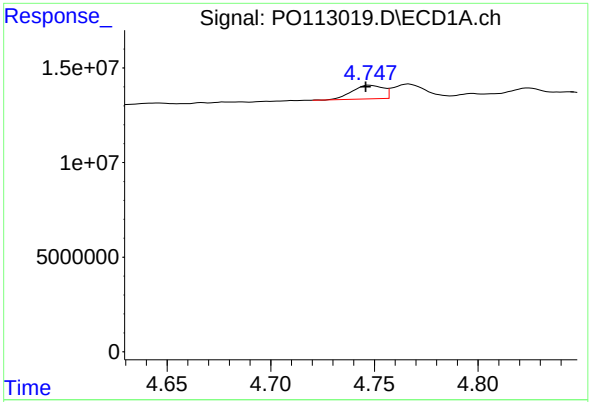

#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.001 min
Response: 30379928
Conc: 4.01 ng/ml




#2 Decachlorobiphenyl

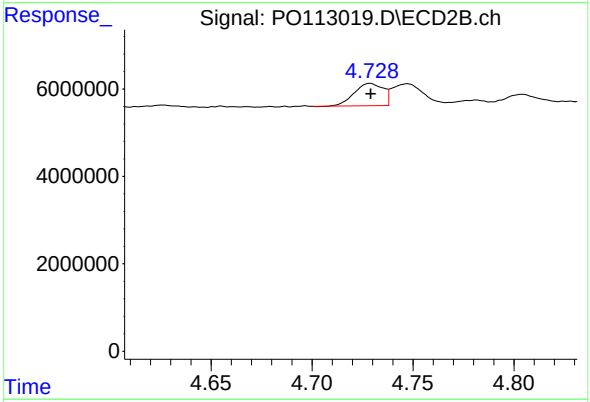
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 8654947
Conc: 4.31 ng/ml




#21 AR-1248-1

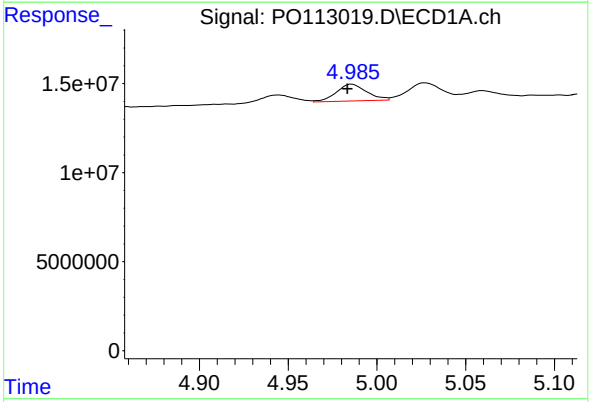
R.T.: 4.748 min
Delta R.T.: 0.002 min
Response: 7449194
Conc: 40.48 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC050



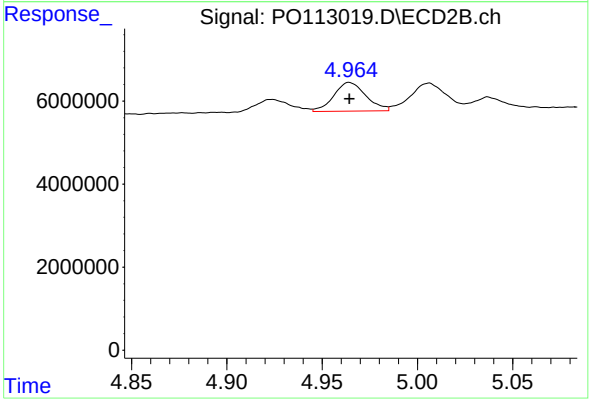

#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 5093554
Conc: 43.57 ng/ml



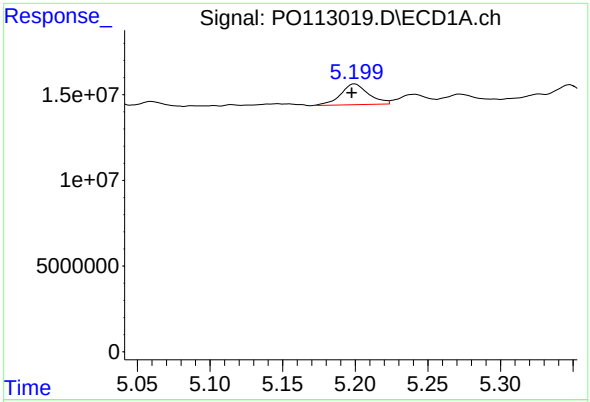

#22 AR-1248-2

R.T.: 4.986 min
Delta R.T.: 0.002 min
Response: 11191763
Conc: 45.29 ng/ml




#22 AR-1248-2

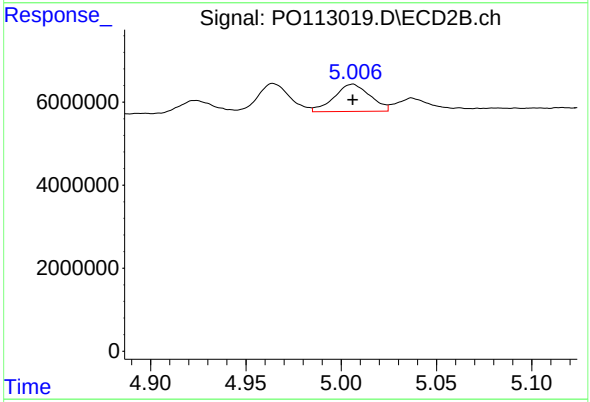
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 8123784
Conc: 49.71 ng/ml




#23 AR-1248-3

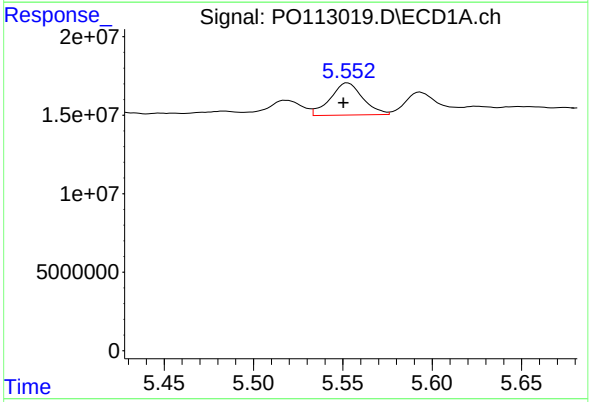
R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 16210491
Conc: 49.18 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC050



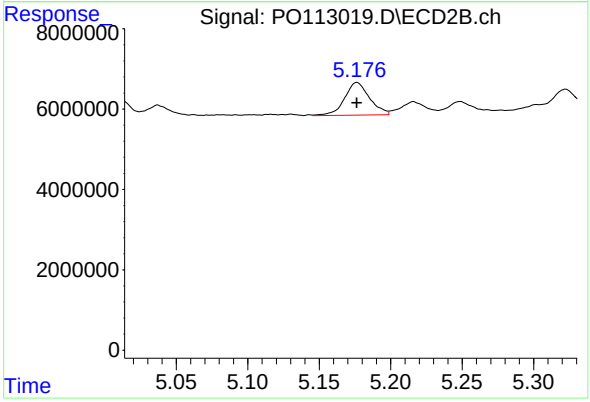

#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 8636665
Conc: 49.91 ng/ml



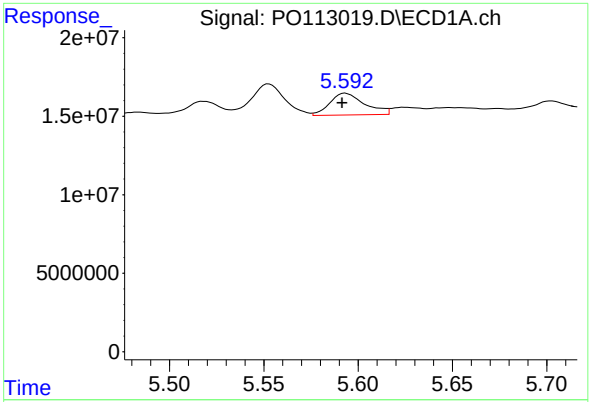

#24 AR-1248-4

R.T.: 5.553 min
Delta R.T.: 0.002 min
Response: 25855584
Conc: 50.86 ng/ml




#24 AR-1248-4

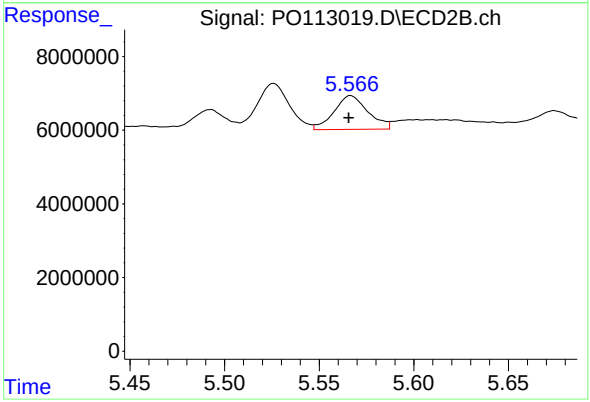
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 9905263
Conc: 48.34 ng/ml




#25 AR-1248-5

R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 17811440
Conc: 51.14 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1248ICC050




#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.001 min
Response: 11461135
Conc: 54.11 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:05
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 3.663 | 3.655 | 812.7E6 | 491.1E6 | 97.720 | 97.078 |
| 2) | SA Decachlor... | 8.683 | 8.627 | 713.2E6 | 185.6E6 | 95.742 | 94.040 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.552 | 5.525 | 499.6E6 | 288.8E6 | 947.625 | 926.947 |
| 27) | L6 AR-1254-2 | 5.702 | 5.673 | 454.6E6 | 255.0E6 | 947.600 | 921.953 |
| 28) | L6 AR-1254-3 | 6.104 | 6.073 | 711.1E6 | 394.7E6 | 962.469 | 948.598 |
| 29) | L6 AR-1254-4 | 6.334 | 6.302 | 533.0E6 | 258.2E6 | 963.574 | 943.828 |
| 30) | L6 AR-1254-5 | 6.752 | 6.717 | 688.0E6 | 325.5E6 | 979.998 | 925.920 |

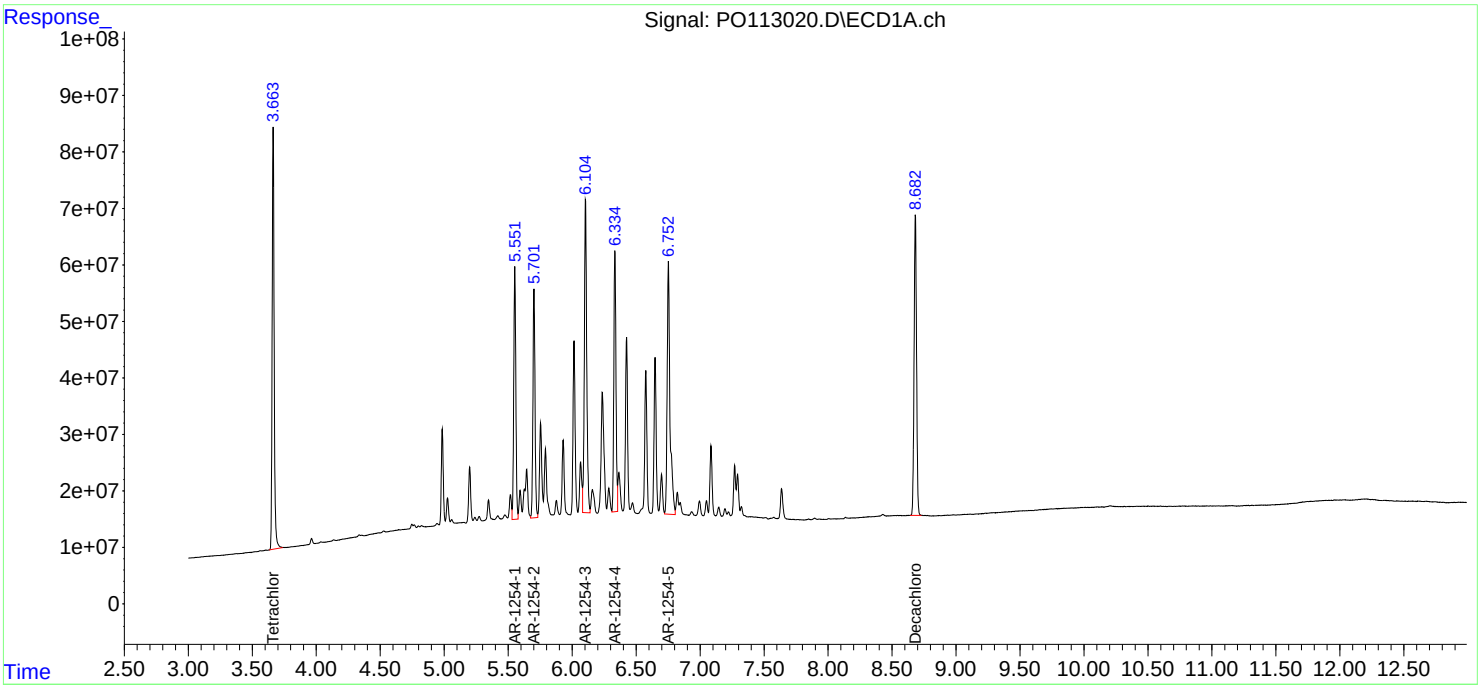
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

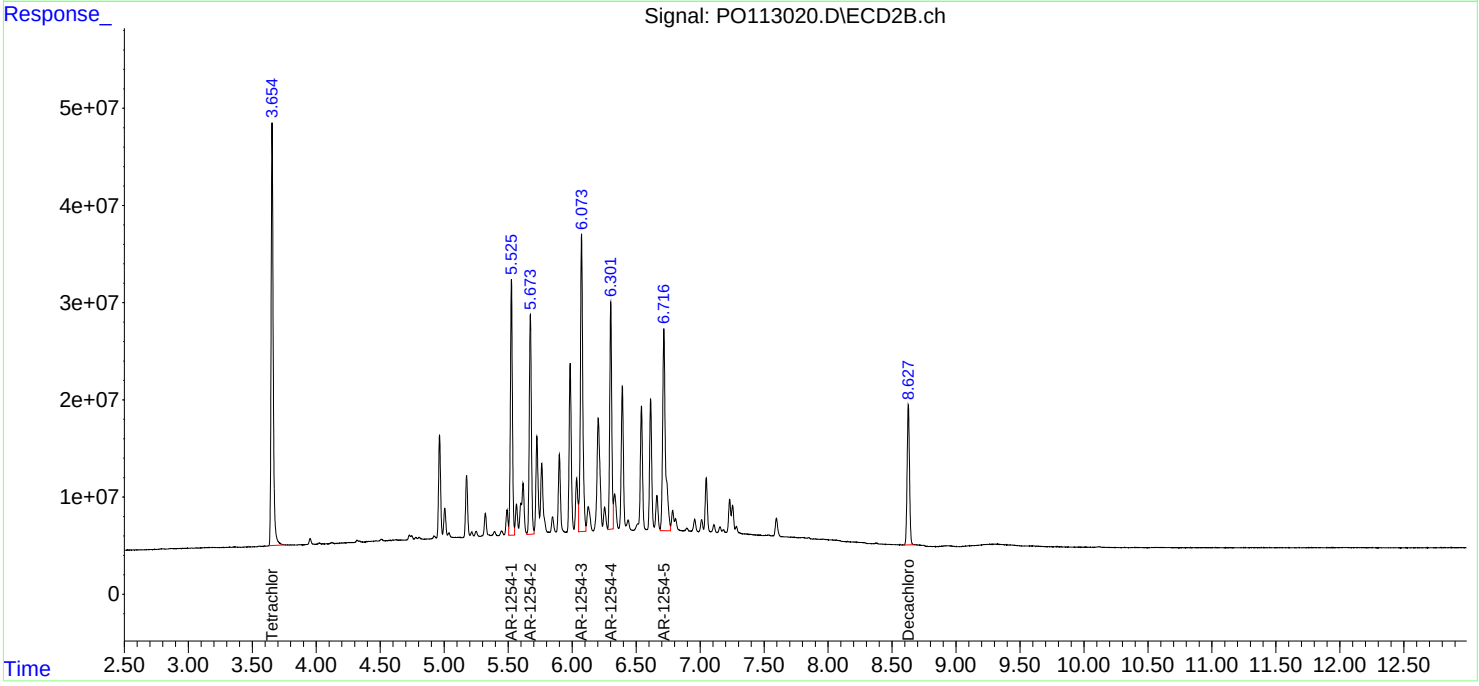
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:05
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

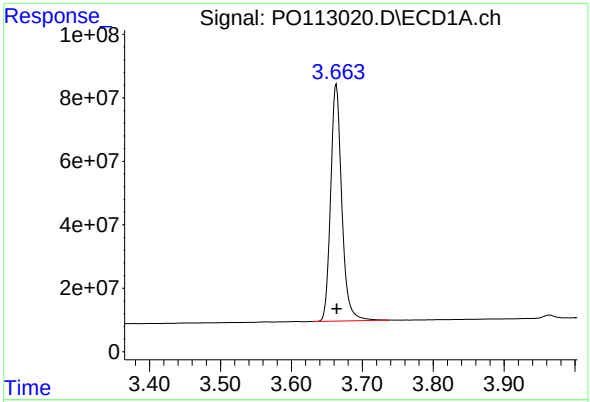
**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



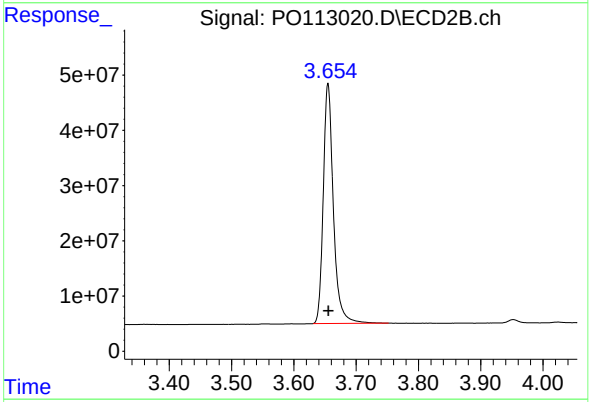






#1 Tetrachloro-m-xylene

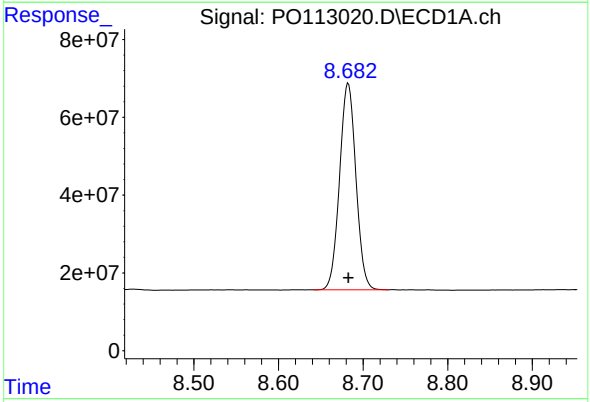
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 812688199
Conc: 97.72 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC1000



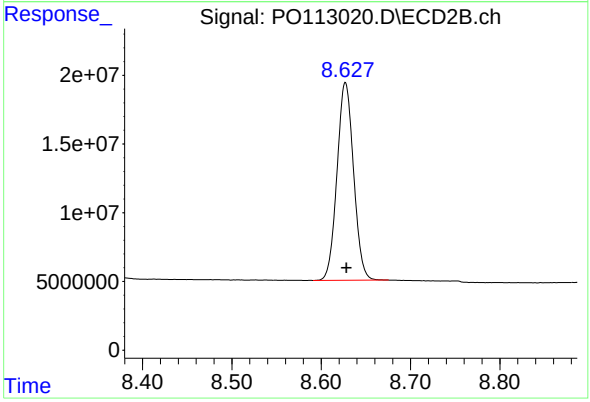

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 491127929
Conc: 97.08 ng/ml



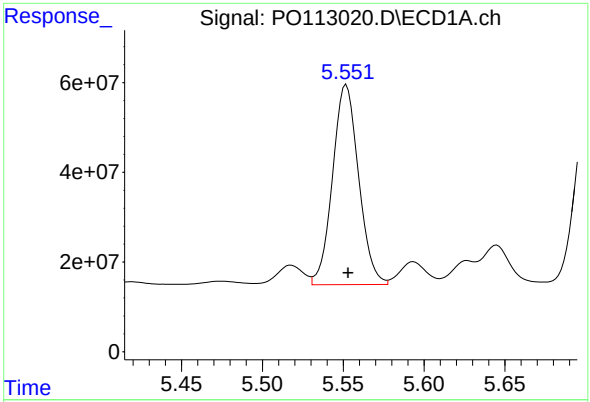

#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 713151584
Conc: 95.74 ng/ml




#2 Decachlorobiphenyl

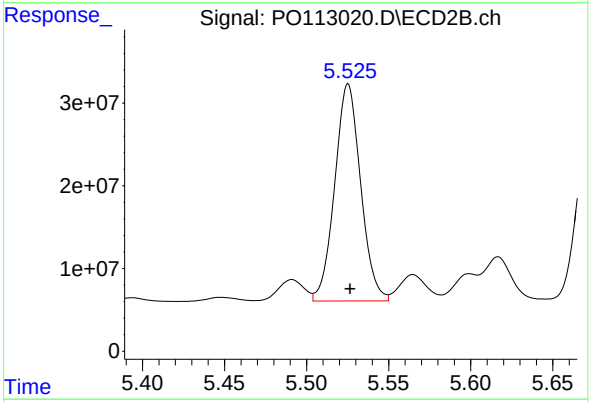
R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 185558274
Conc: 94.04 ng/ml




#26 AR-1254-1

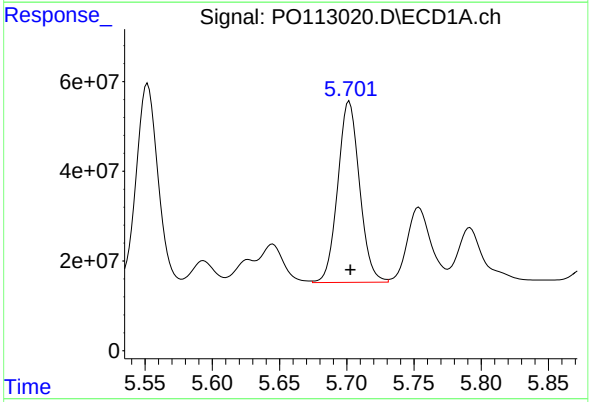
R.T.: 5.552 min
Delta R.T.: -0.001 min
Response: 499551241
Conc: 947.62 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC1000



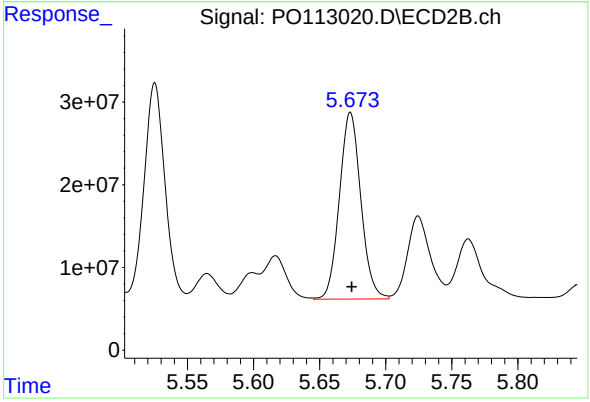

#26 AR-1254-1

R.T.: 5.525 min
Delta R.T.: -0.001 min
Response: 288848558
Conc: 926.95 ng/ml



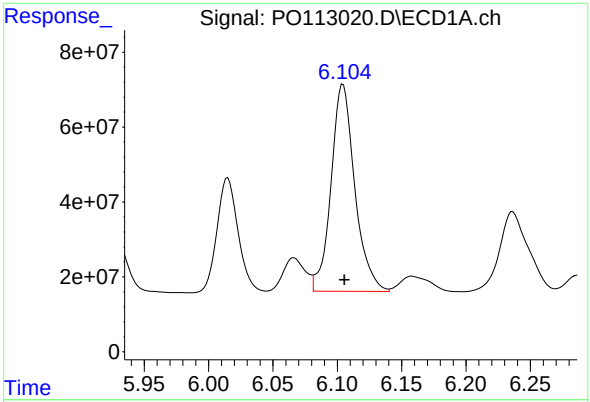

#27 AR-1254-2

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 454632825
Conc: 947.60 ng/ml




#27 AR-1254-2

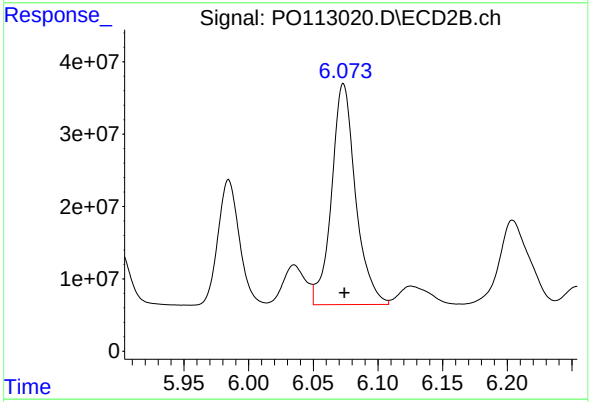
R.T.: 5.673 min
Delta R.T.: -0.001 min
Response: 255015428
Conc: 921.95 ng/ml




#28 AR-1254-3

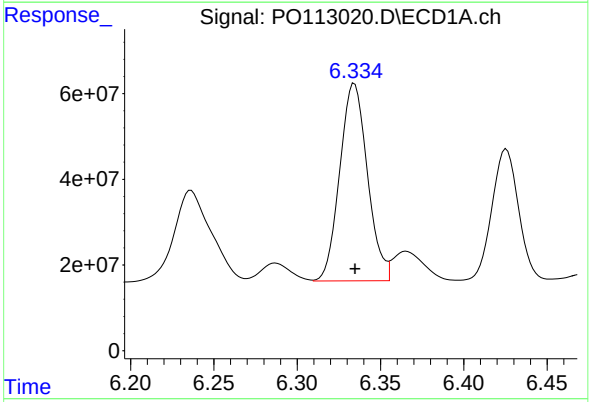
R.T.: 6.104 min
Delta R.T.: -0.001 min
Response: 711089310
Conc: 962.47 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC1000



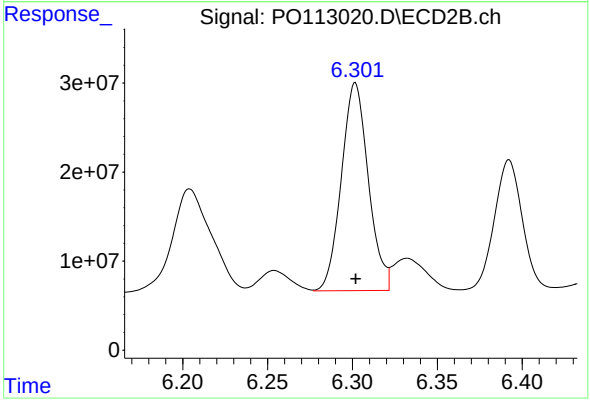

#28 AR-1254-3

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 394658183
Conc: 948.60 ng/ml



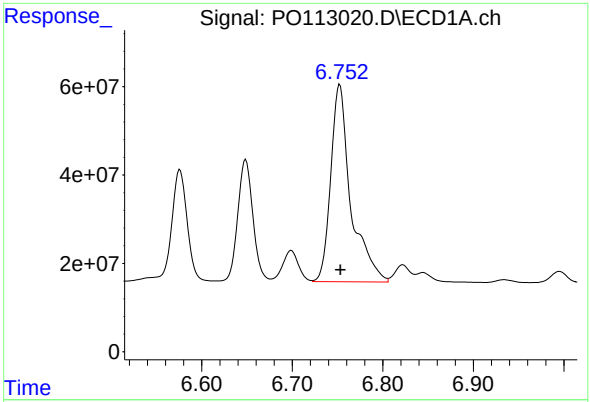

#29 AR-1254-4

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 533028449
Conc: 963.57 ng/ml




#29 AR-1254-4

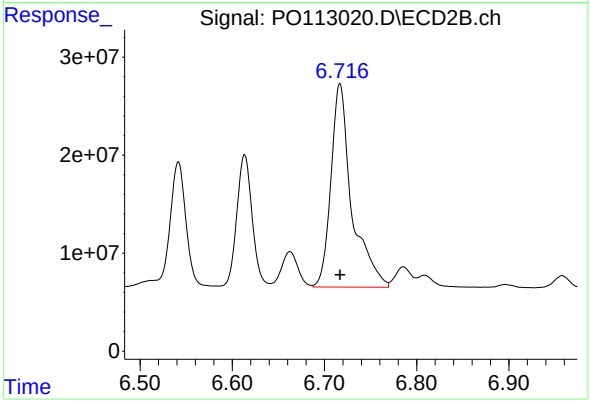
R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 258230294
Conc: 943.83 ng/ml




#30 AR-1254-5

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 687979747
Conc: 980.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC1000




#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 325480526
Conc: 925.92 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:23
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 3.663 | 3.655 | 626.2E6 | 380.0E6 | 75.299 | 75.114 |
| 2) | SA Decachlor... | 8.682 | 8.627 | 549.8E6 | 144.5E6 | 73.810 | 73.238 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.553 | 5.526 | 386.5E6 | 227.1E6 | 733.198 | 728.784 |
| 27) | L6 AR-1254-2 | 5.702 | 5.674 | 348.3E6 | 199.6E6 | 725.877 | 721.726 |
| 28) | L6 AR-1254-3 | 6.105 | 6.074 | 545.9E6 | 306.0E6 | 738.816 | 735.459 |
| 29) | L6 AR-1254-4 | 6.335 | 6.302 | 411.4E6 | 201.5E6 | 743.727 | 736.386 |
| 30) | L6 AR-1254-5 | 6.753 | 6.717 | 523.4E6 | 253.4E6 | 745.575 | 720.993 |

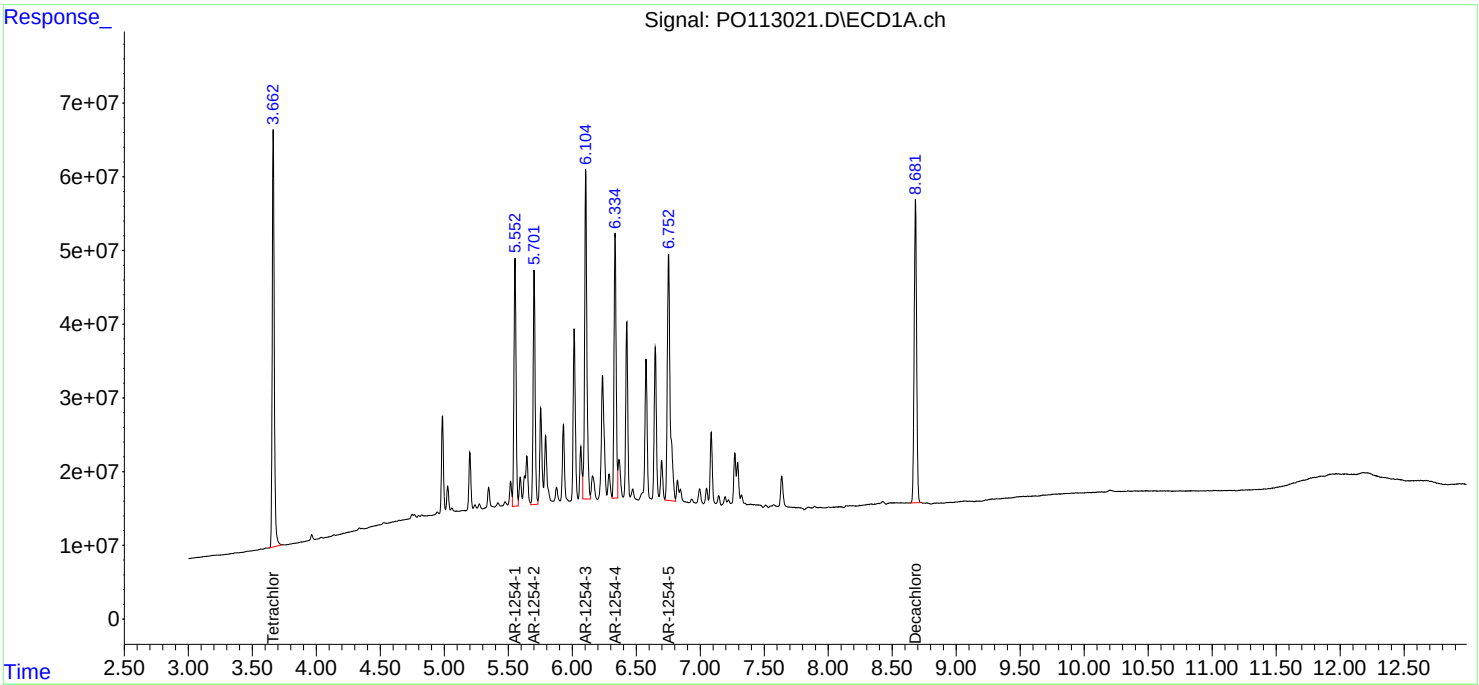
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

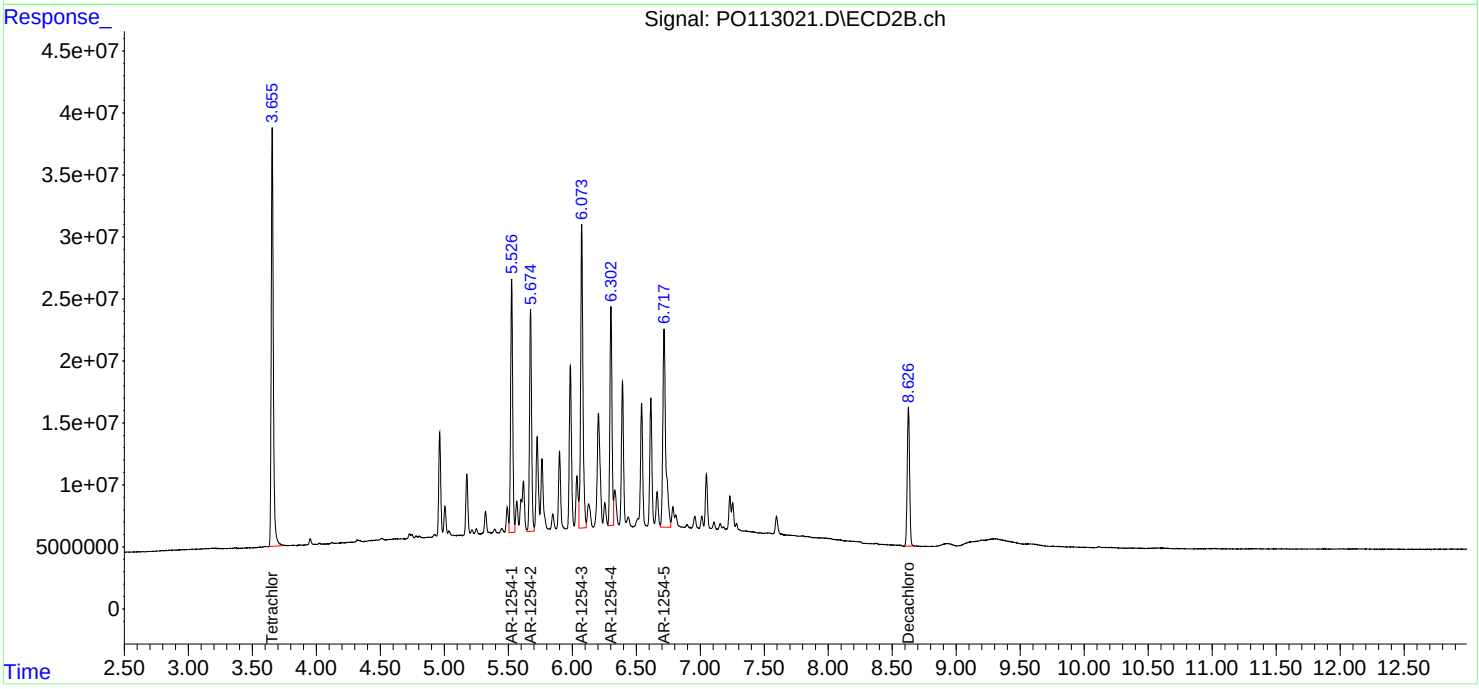
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:23
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

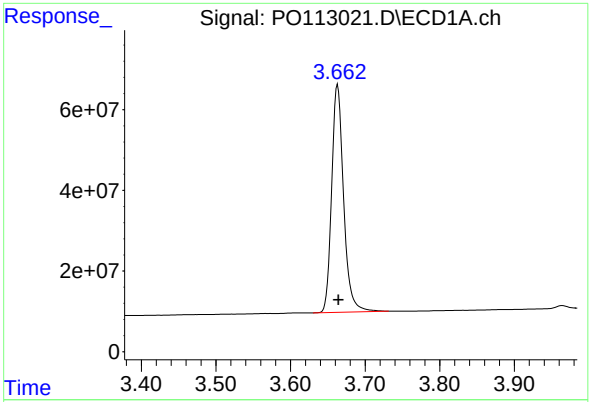
**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



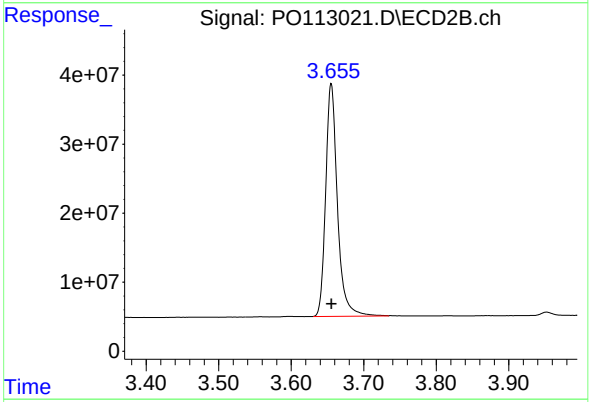






#1 Tetrachloro-m-xylene

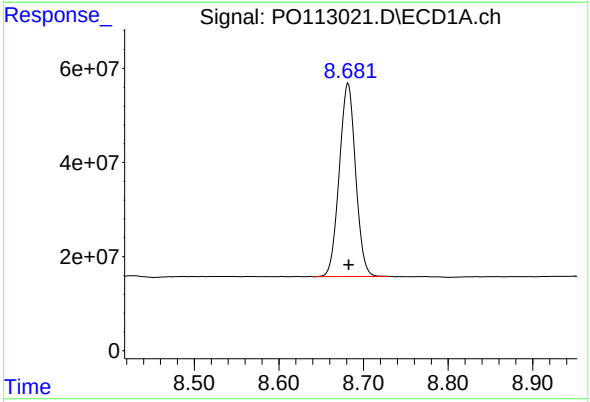
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 626226026
Conc: 75.30 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC750



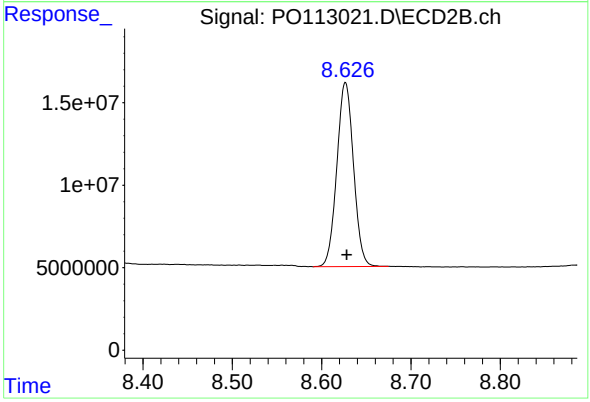

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 380012693
Conc: 75.11 ng/ml



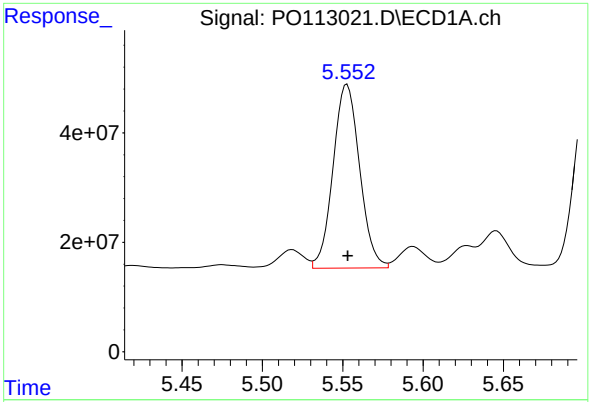

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 549792144
Conc: 73.81 ng/ml




#2 Decachlorobiphenyl

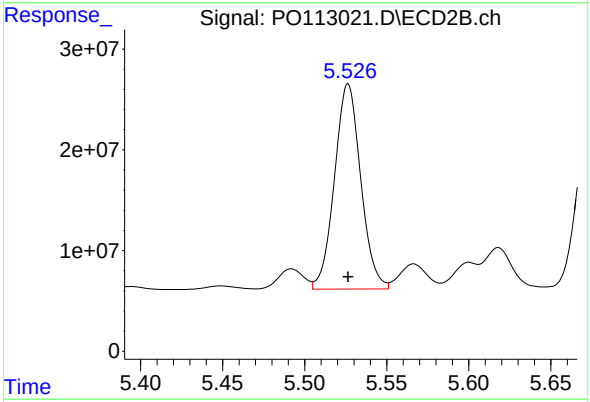
R.T.: 8.627 min
Delta R.T.: -0.002 min
Response: 144512738
Conc: 73.24 ng/ml




#26 AR-1254-1

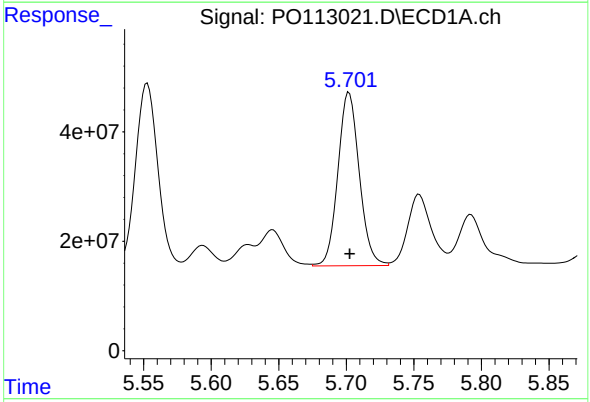
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 386513606
Conc: 733.20 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC750



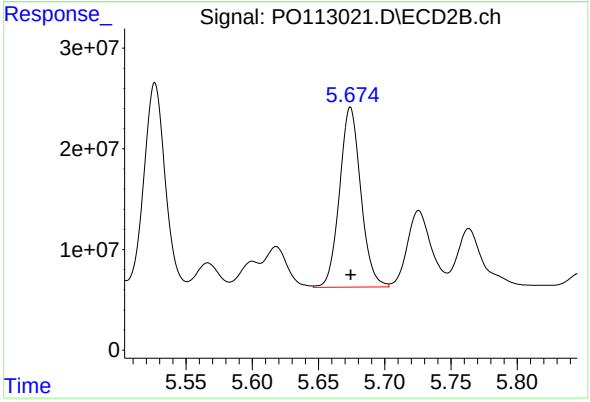

#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 227098377
Conc: 728.78 ng/ml



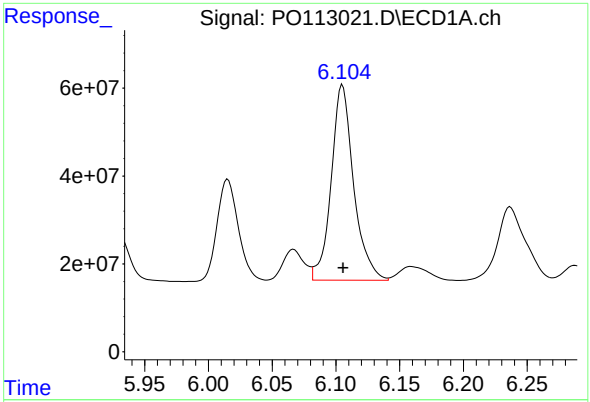

#27 AR-1254-2

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 348256178
Conc: 725.88 ng/ml




#27 AR-1254-2

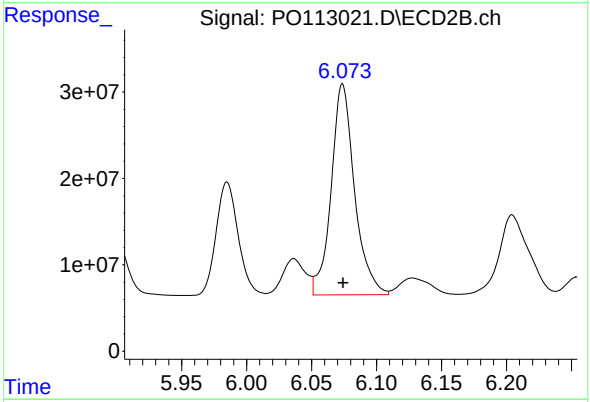
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 199632081
Conc: 721.73 ng/ml




#28 AR-1254-3

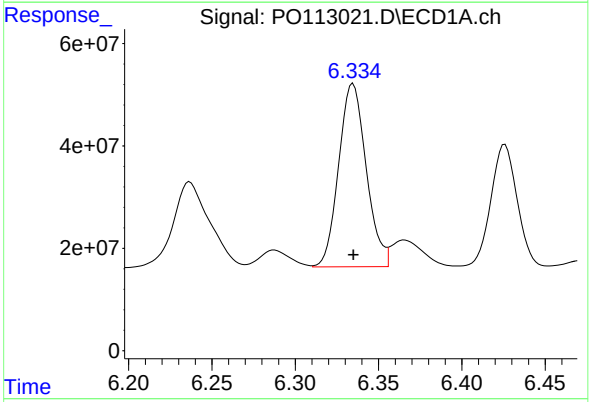
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 545850148
Conc: 738.82 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC750



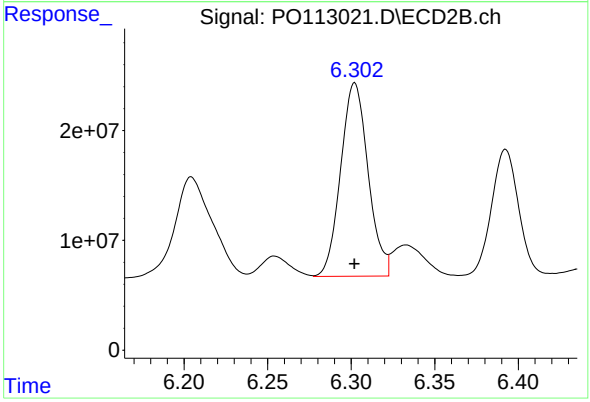

#28 AR-1254-3

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 305982866
Conc: 735.46 ng/ml



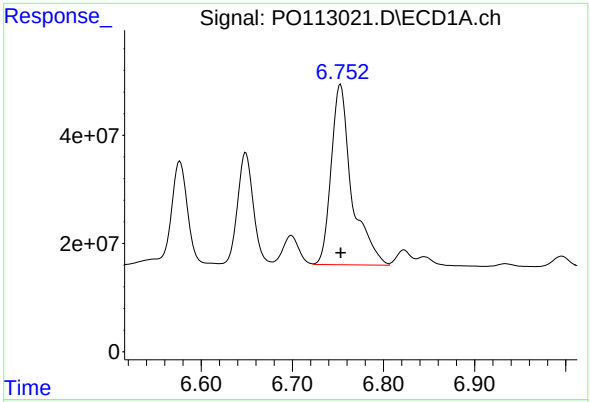

#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 411413856
Conc: 743.73 ng/ml




#29 AR-1254-4

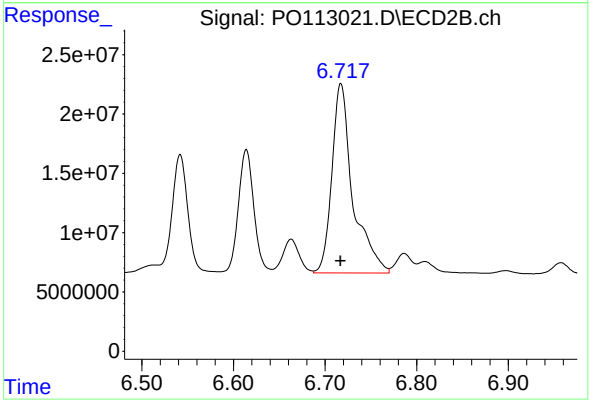
R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 201474435
Conc: 736.39 ng/ml




#30 AR-1254-5

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 523409354
Conc: 745.57 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC750




#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 253444422
Conc: 720.99 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:41
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 3.664 | 3.655 | 415.8E6 | 253.0E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.682 | 8.628 | 372.4E6 | 98659064 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.553 | 5.526 | 263.6E6 | 155.8E6 | 500.000 | 500.000 |
| 27) | L6 AR-1254-2 | 5.703 | 5.674 | 239.9E6 | 138.3E6 | 500.000 | 500.000 |
| 28) | L6 AR-1254-3 | 6.106 | 6.074 | 369.4E6 | 208.0E6 | 500.000 | 500.000 |
| 29) | L6 AR-1254-4 | 6.335 | 6.302 | 276.6E6 | 136.8E6 | 500.000 | 500.000 |
| 30) | L6 AR-1254-5 | 6.753 | 6.717 | 351.0E6 | 175.8E6 | 500.000 | 500.000 |

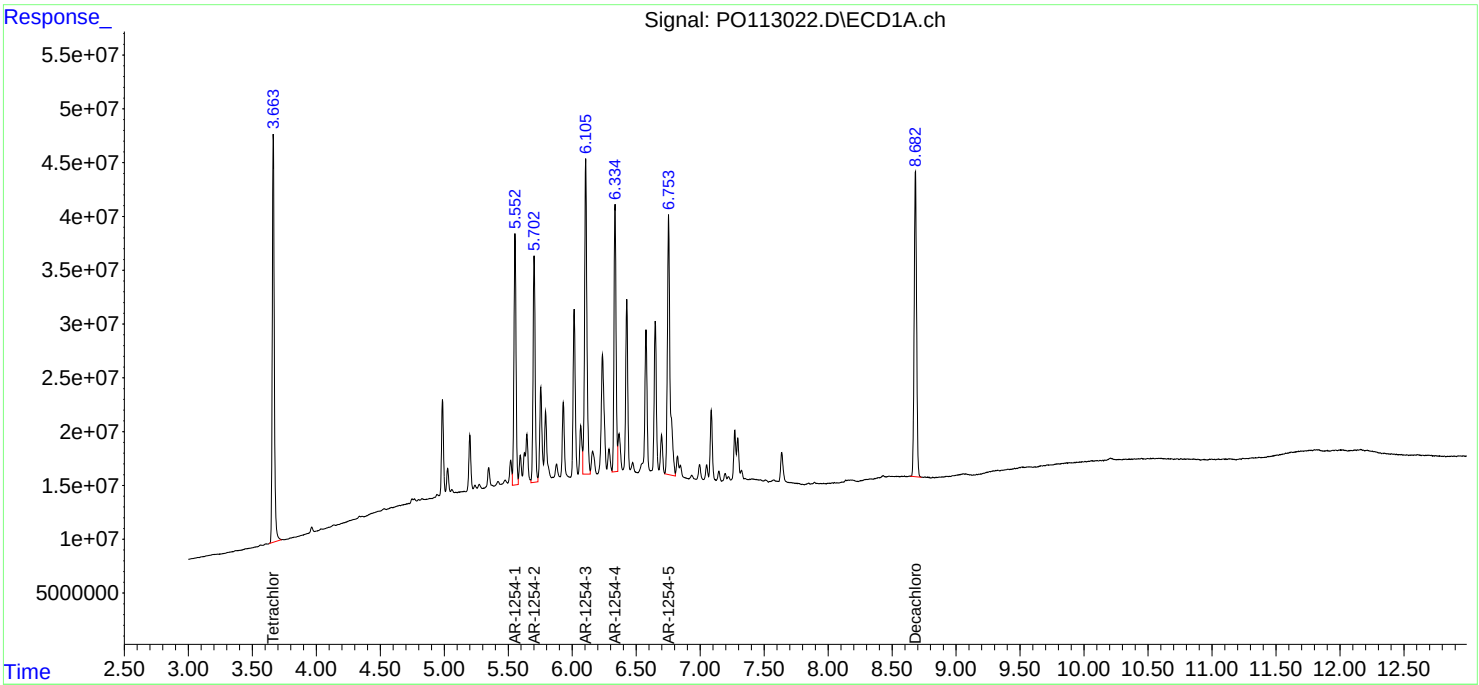
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

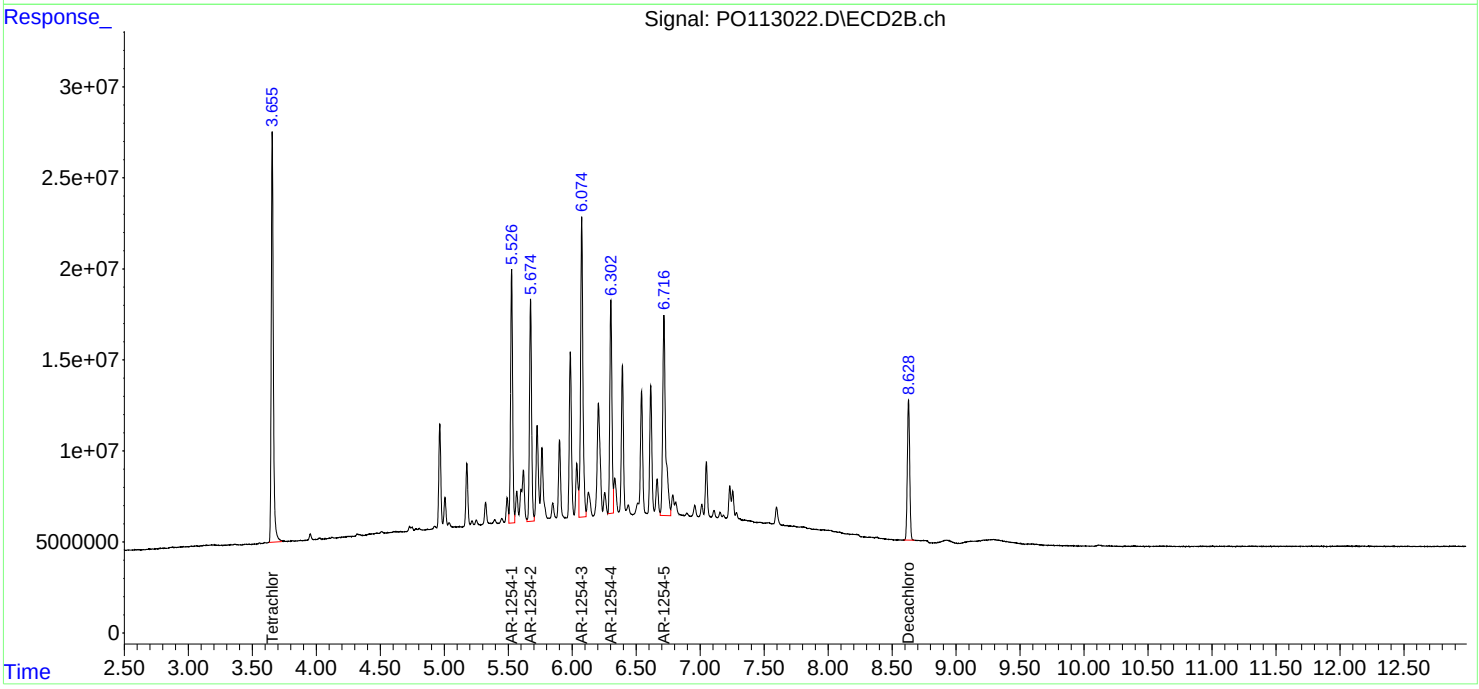
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:41
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

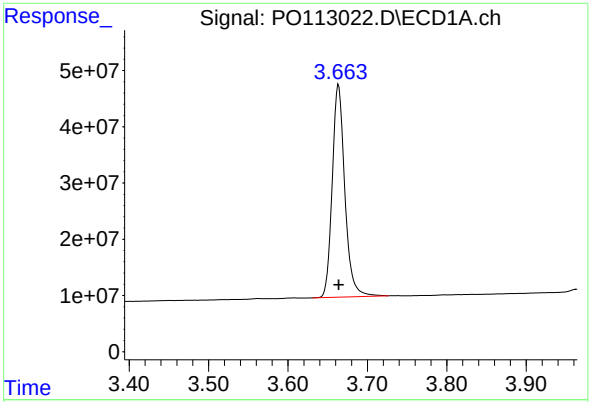
**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:26:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



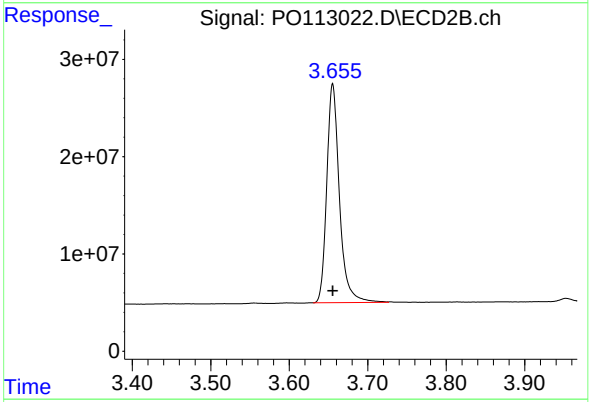






#1 Tetrachloro-m-xylene

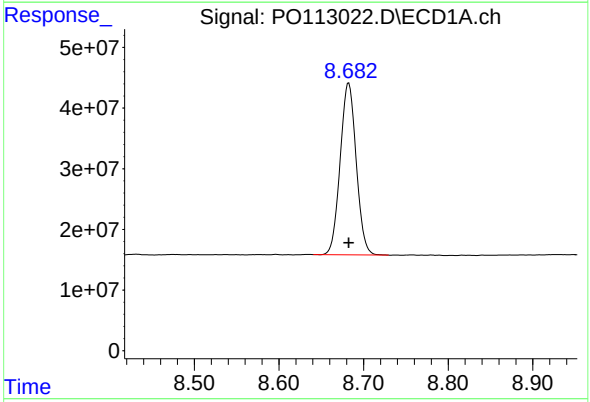
R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 415824456
Conc: 50.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC500



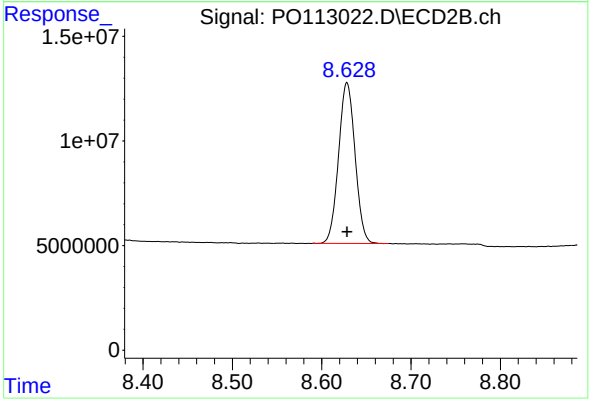

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 252956430
Conc: 50.00 ng/ml



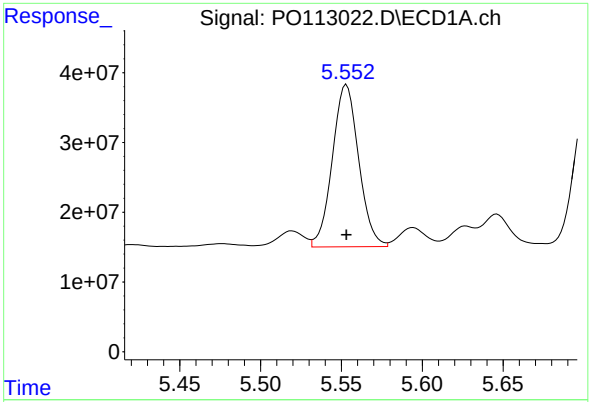

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 372435746
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

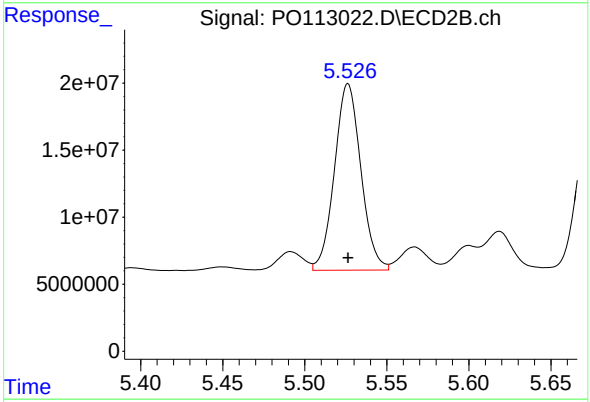
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 98659064
Conc: 50.00 ng/ml




#26 AR-1254-1

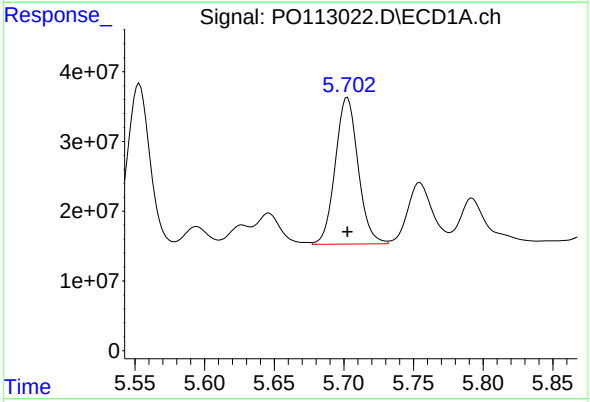
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 263580735
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC500



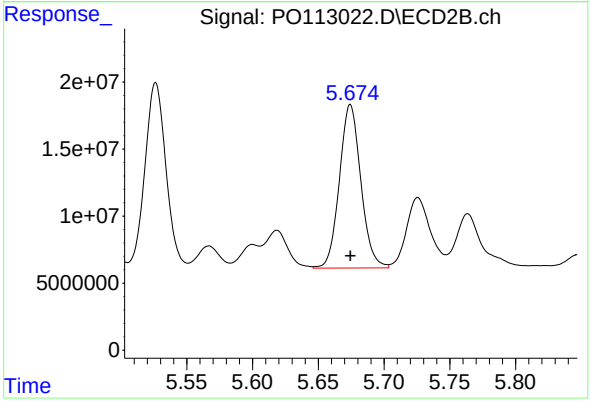

#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 155806437
Conc: 500.00 ng/ml



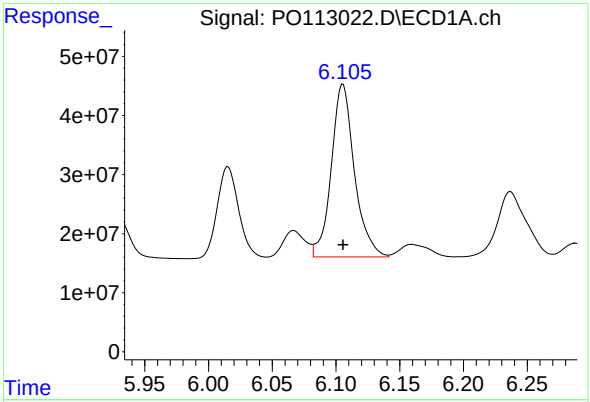

#27 AR-1254-2

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 239886505
Conc: 500.00 ng/ml




#27 AR-1254-2

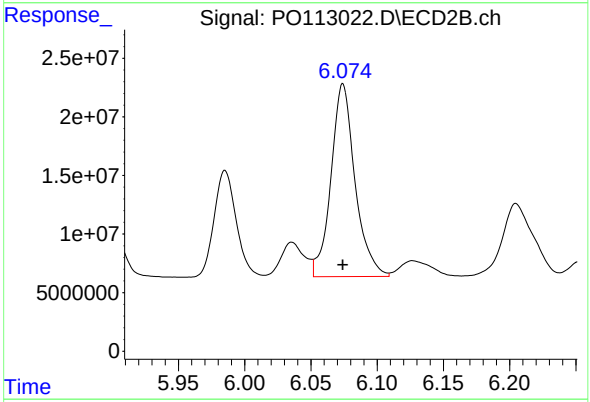
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 138301762
Conc: 500.00 ng/ml




#28 AR-1254-3

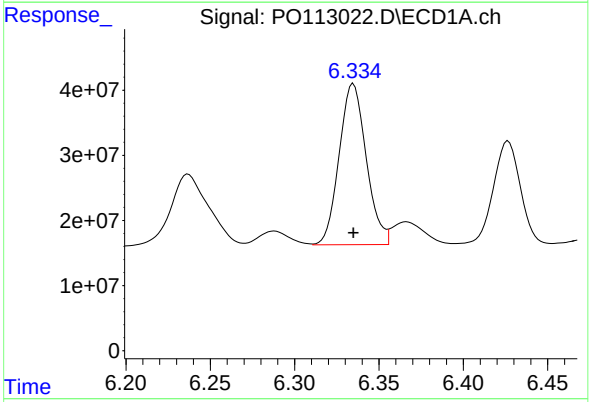
R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 369408964
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC500



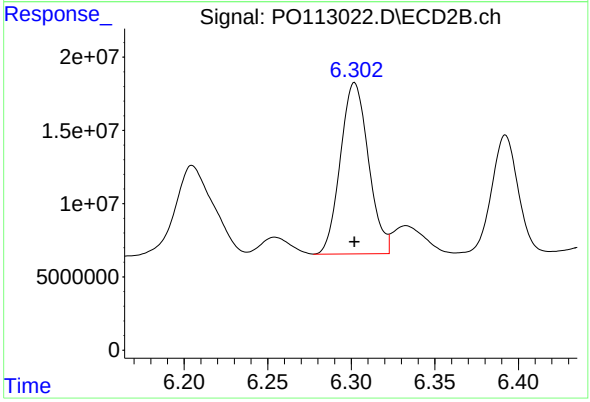

#28 AR-1254-3

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 208021775
Conc: 500.00 ng/ml



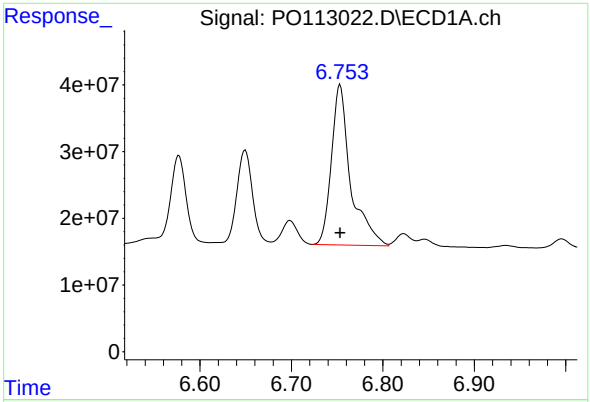

#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 276589351
Conc: 500.00 ng/ml




#29 AR-1254-4

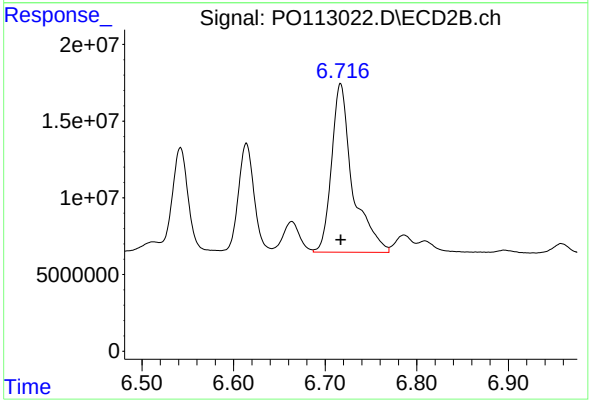
R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 136799454
Conc: 500.00 ng/ml




#30 AR-1254-5

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 351010748
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC500




#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 175760656
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:00
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 3.664 | 3.655 | 214.7E6 | 131.0E6 | 25.812 | 25.901 |
| 2) | SA Decachlor... | 8.683 | 8.628 | 190.8E6 | 50985128 | 25.612 | 25.839 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.552 | 5.526 | 140.8E6 | 84054640 | 267.180 | 269.741 |
| 27) | L6 AR-1254-2 | 5.702 | 5.674 | 128.2E6 | 75903732 | 267.296 | 274.413 |
| 28) | L6 AR-1254-3 | 6.105 | 6.074 | 194.5E6 | 111.6E6 | 263.210 | 268.245 |
| 29) | L6 AR-1254-4 | 6.335 | 6.301 | 144.8E6 | 72285443 | 261.698 | 264.202 |
| 30) | L6 AR-1254-5 | 6.753 | 6.717 | 185.2E6 | 92940208 | 263.747 | 264.394 |

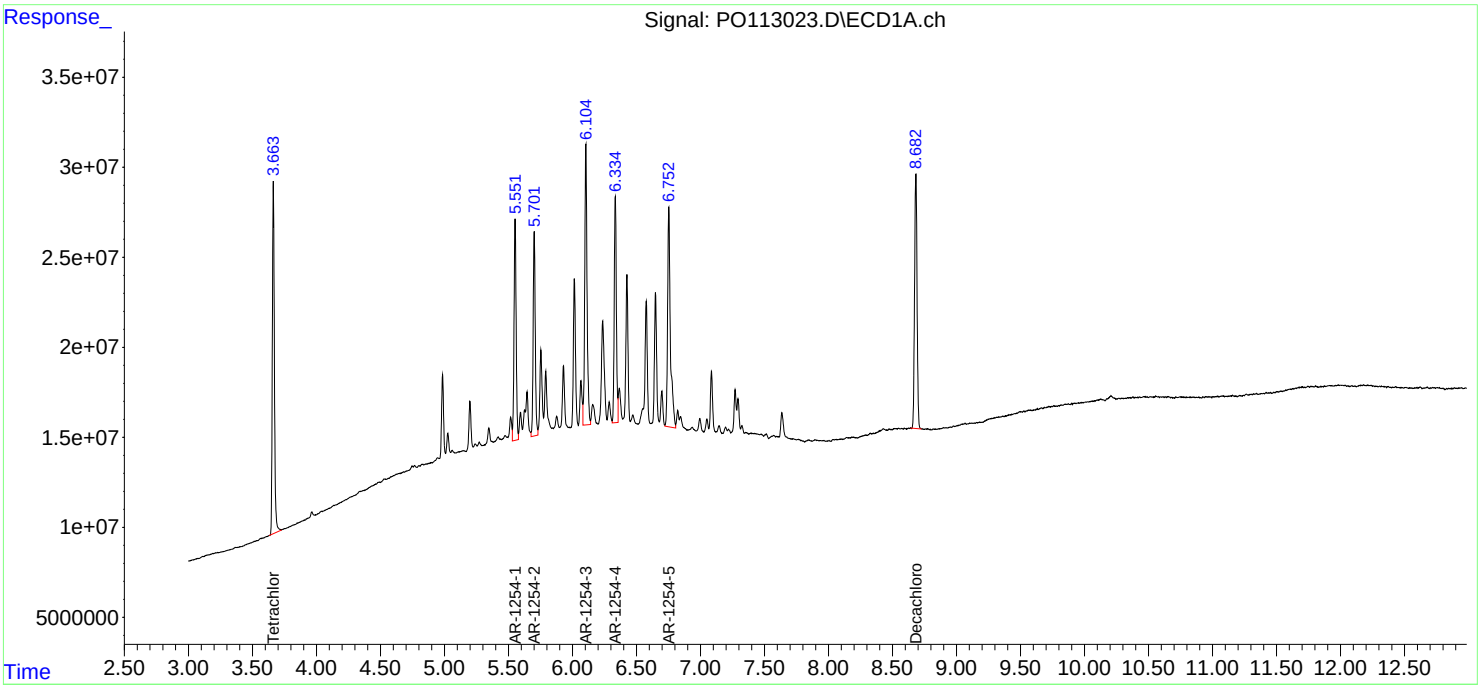
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

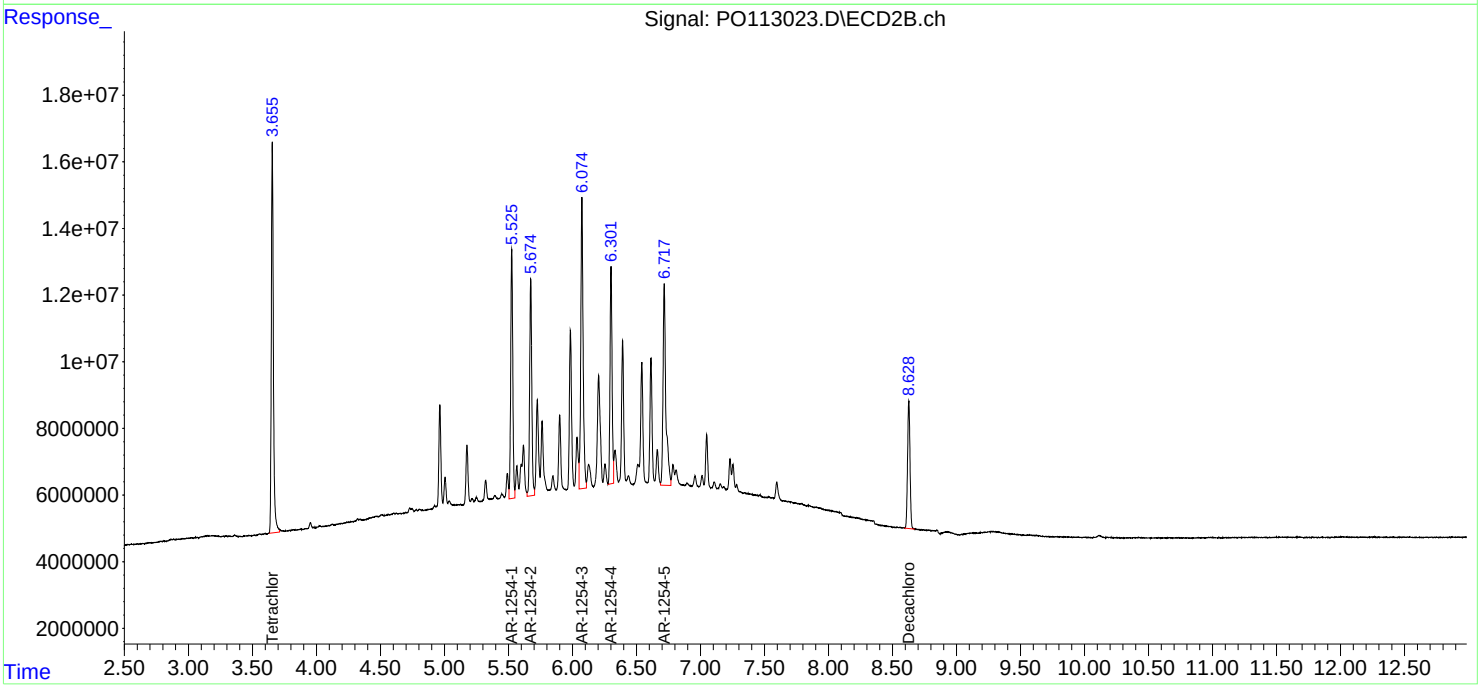
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:00
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

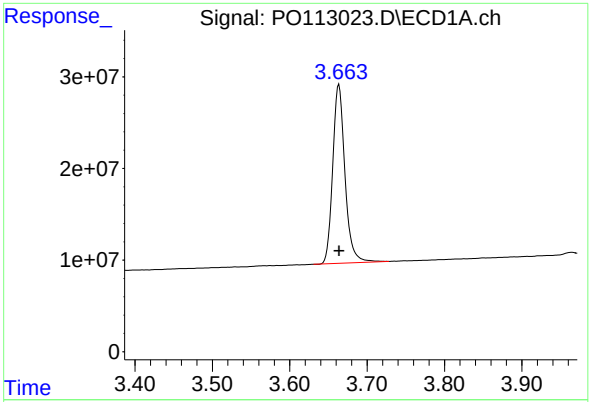
**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



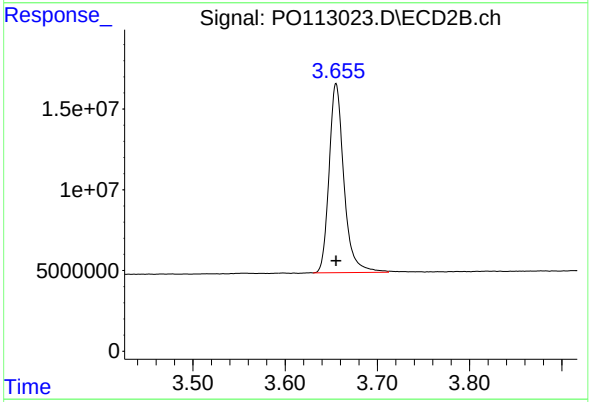






#1 Tetrachloro-m-xylene

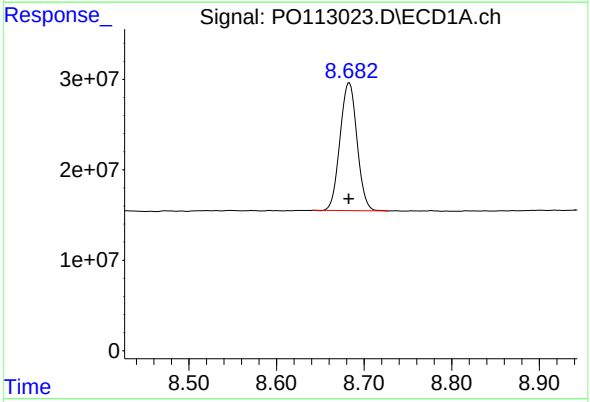
R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 214663784
Conc: 25.81 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC250



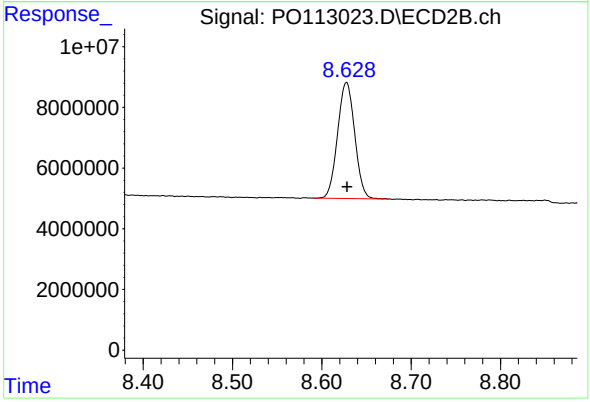

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 131035629
Conc: 25.90 ng/ml



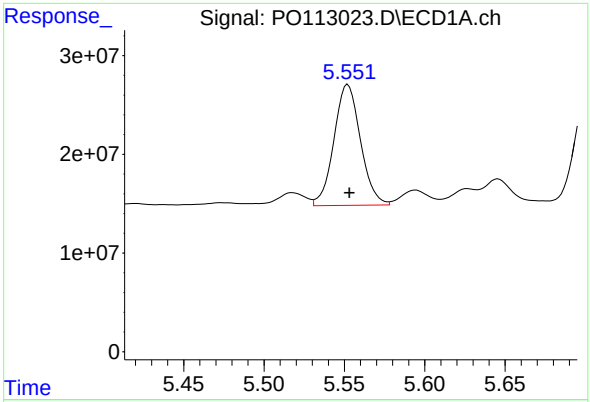

#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 190774514
Conc: 25.61 ng/ml




#2 Decachlorobiphenyl

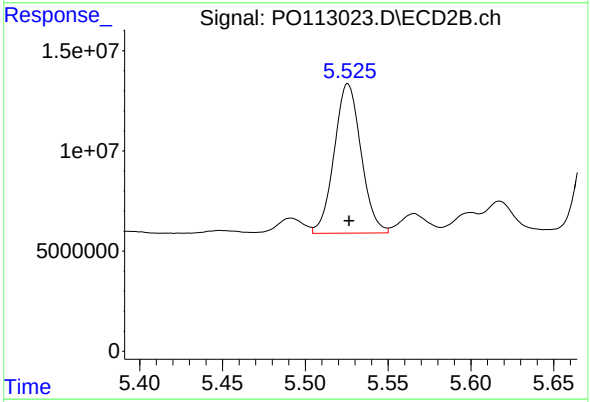
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 50985128
Conc: 25.84 ng/ml




#26 AR-1254-1

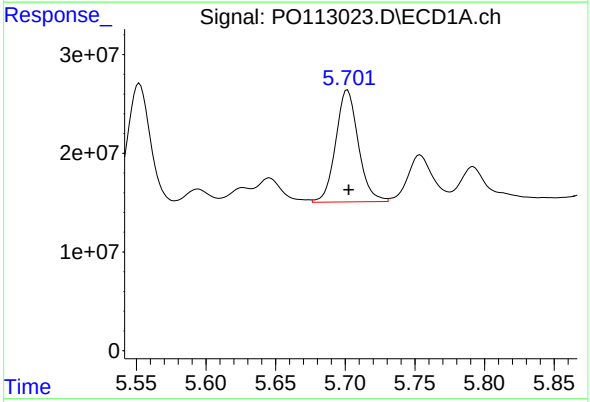
R.T.: 5.552 min
Delta R.T.: 0.000 min
Response: 140847199
Conc: 267.18 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC250



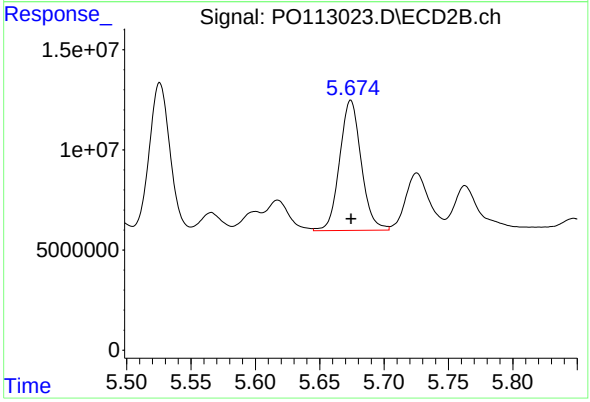

#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 84054640
Conc: 269.74 ng/ml



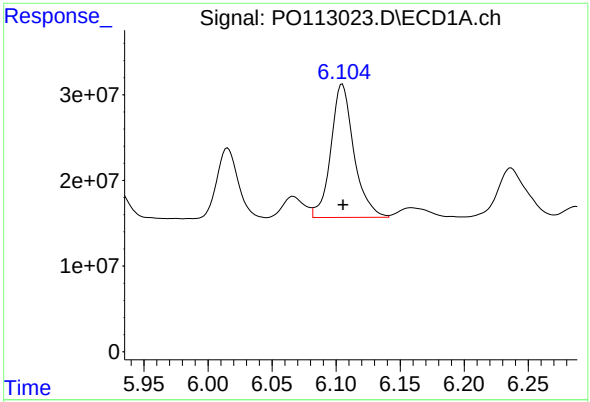

#27 AR-1254-2

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 128241350
Conc: 267.30 ng/ml




#27 AR-1254-2

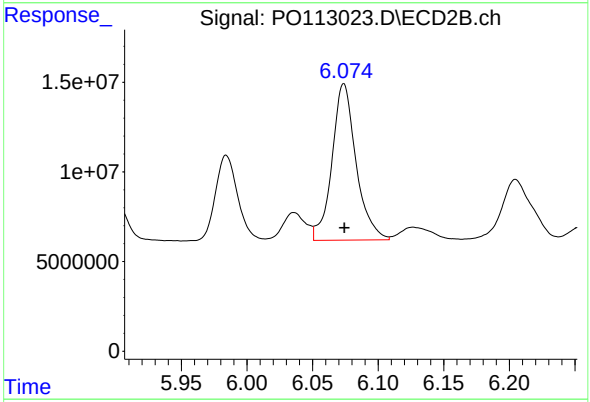
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 75903732
Conc: 274.41 ng/ml




#28 AR-1254-3

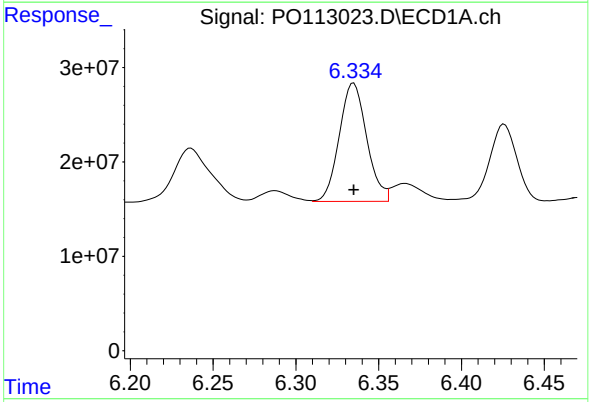
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 194464185
Conc: 263.21 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC250



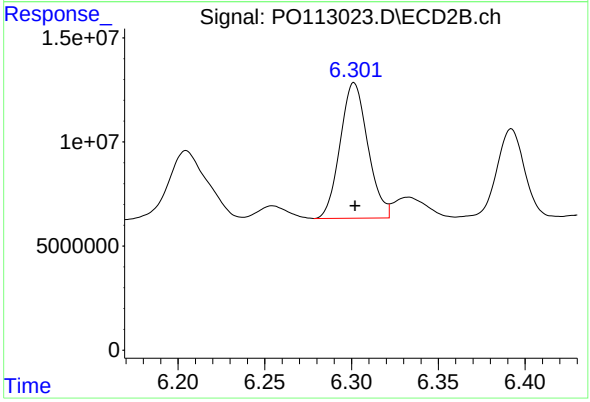

#28 AR-1254-3

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 111601418
Conc: 268.24 ng/ml



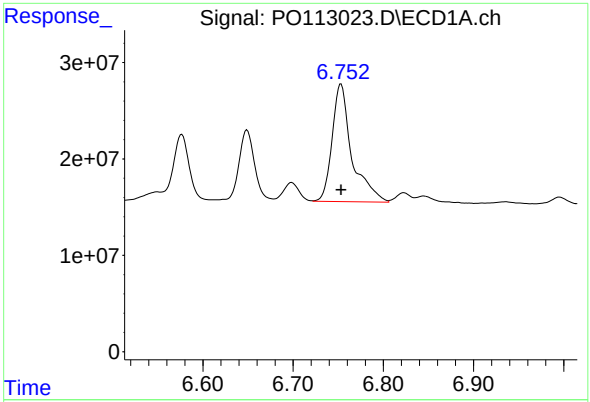

#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 144765924
Conc: 261.70 ng/ml




#29 AR-1254-4

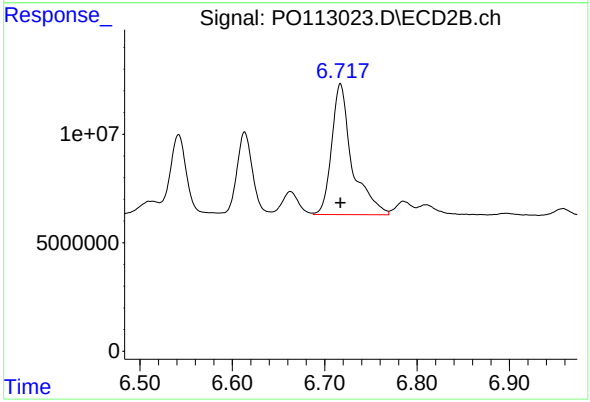
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 72285443
Conc: 264.20 ng/ml




#30 AR-1254-5

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 185155971
Conc: 263.75 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC250




#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 92940208
Conc: 264.39 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:18
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 3.663 | 3.655 | 36489191 | 23352844 | 4.388 | 4.616 |
| 2) | SA Decachlor... | 8.682 | 8.627 | 33466642 | 9234843 | 4.493 | 4.680 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.553 | 5.525 | 29721929 | 16864555 | 56.381 | 54.120m |
| 27) | L6 AR-1254-2 | 5.702 | 5.673 | 27777860 | 15014303 | 57.898 | 54.281m |
| 28) | L6 AR-1254-3 | 6.105 | 6.073 | 36941091 | 20976378 | 50.000 | 50.419m |
| 29) | L6 AR-1254-4 | 6.335 | 6.302 | 28558766 | 14228719 | 51.627 | 52.006 |
| 30) | L6 AR-1254-5 | 6.753 | 6.717 | 33818216 | 20038217 | 48.173 | 57.004 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:18
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

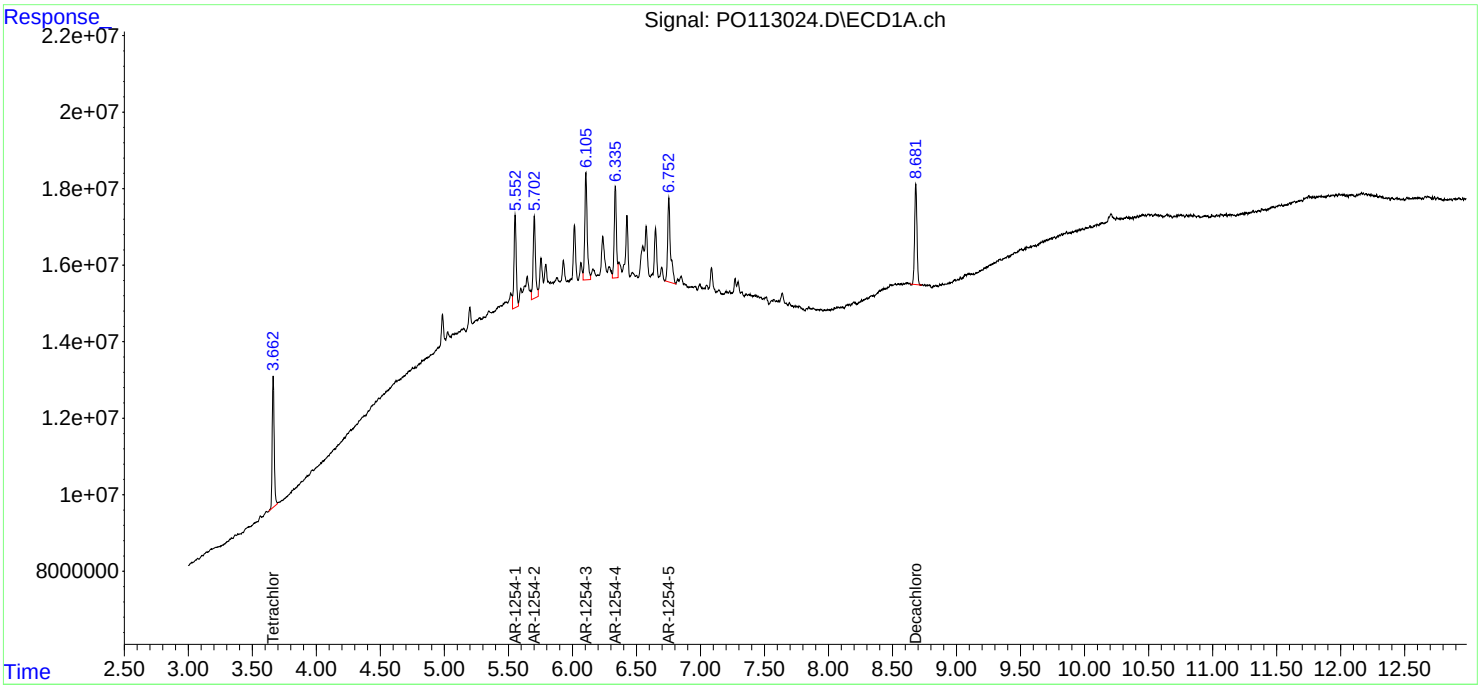
**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC050

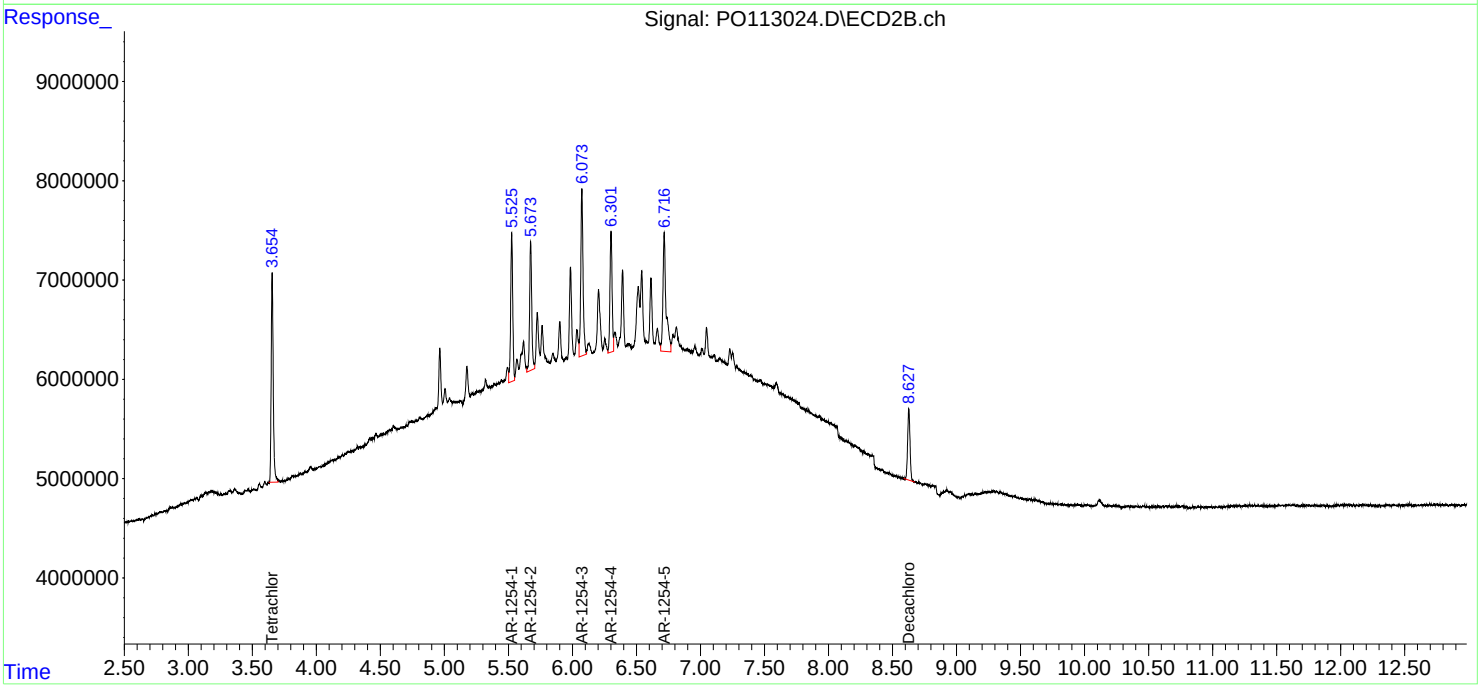
**Manual Integrations APPROVED**

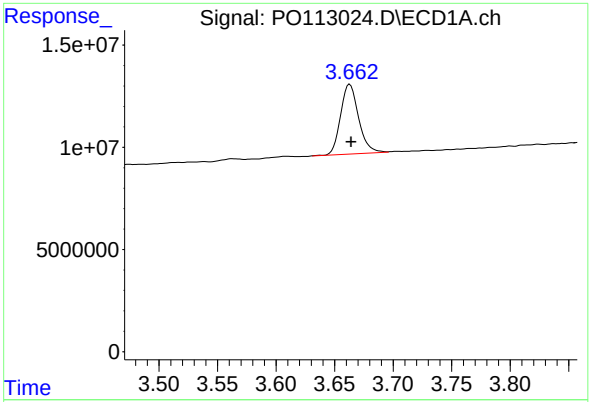
Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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





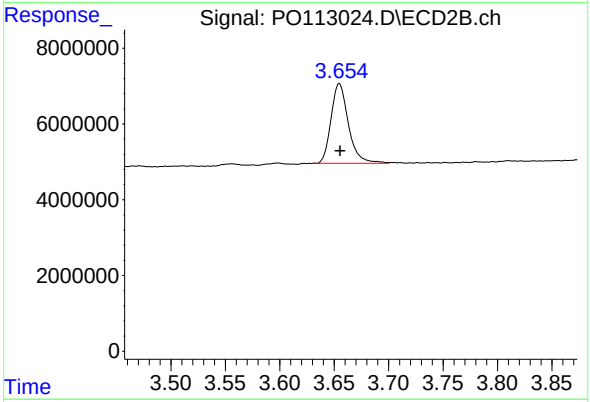

#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: -0.001 min
Response: 36489191
Conc: 4.39 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC050

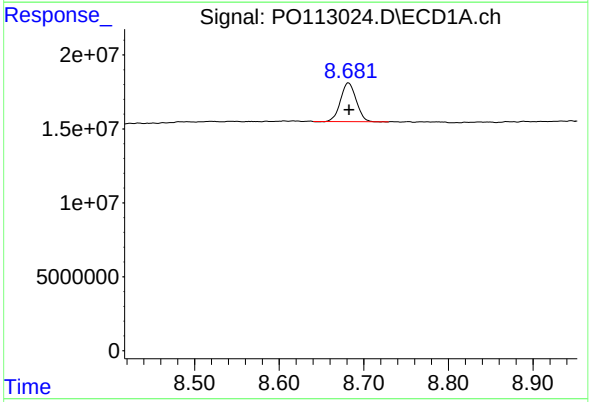
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



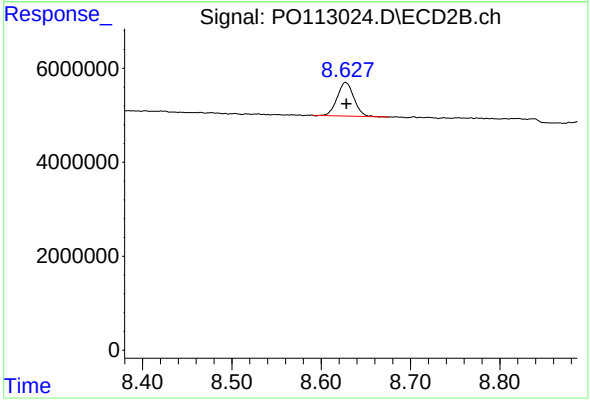

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 23352844
Conc: 4.62 ng/ml



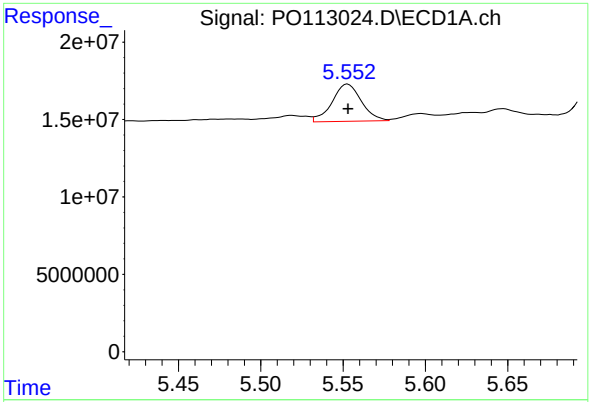

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 33466642
Conc: 4.49 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 9234843
Conc: 4.68 ng/ml



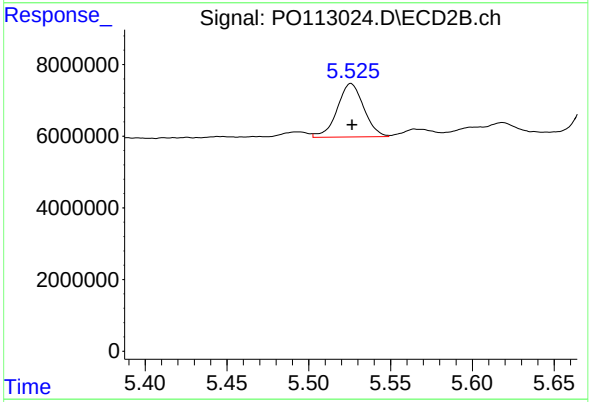

#26 AR-1254-1

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 29721929
Conc: 56.38 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC050

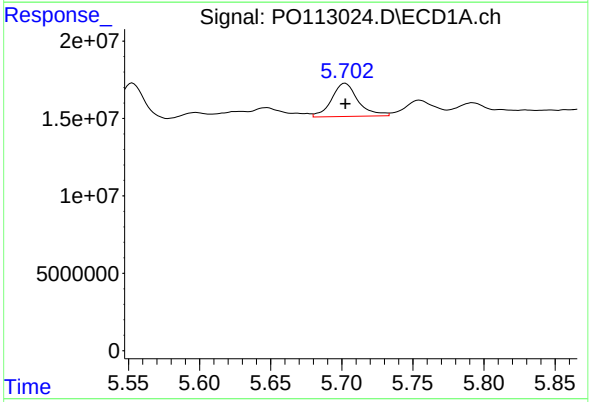
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



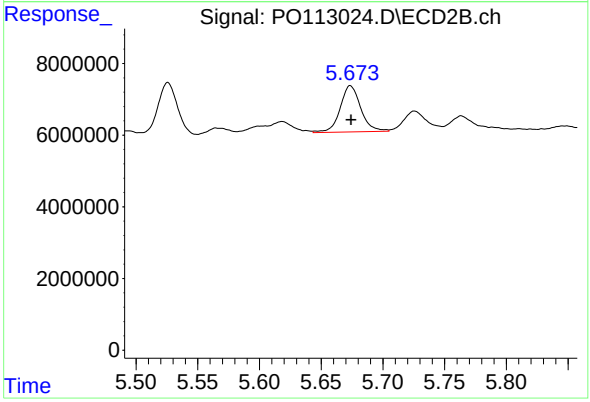

#26 AR-1254-1

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 16864555
Conc: 54.12 ng/ml m



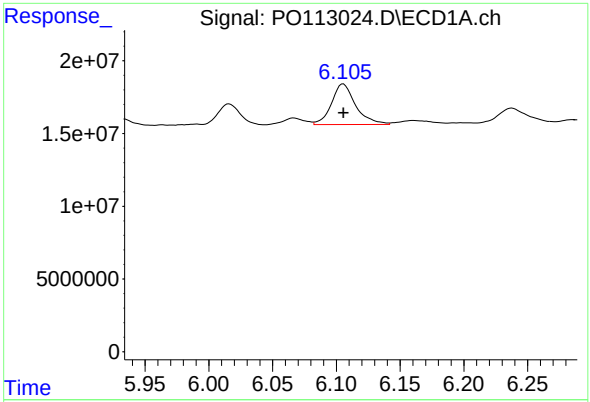

#27 AR-1254-2

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 27777860
Conc: 57.90 ng/ml




#27 AR-1254-2

R.T.: 5.673 min
Delta R.T.: -0.001 min
Response: 15014303
Conc: 54.28 ng/ml m



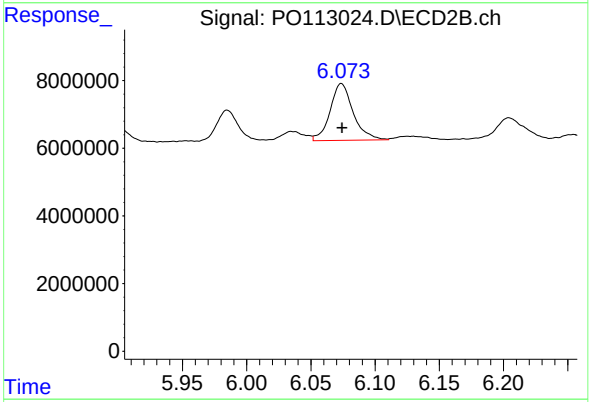

#28 AR-1254-3

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 36941091
Conc: 50.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC050

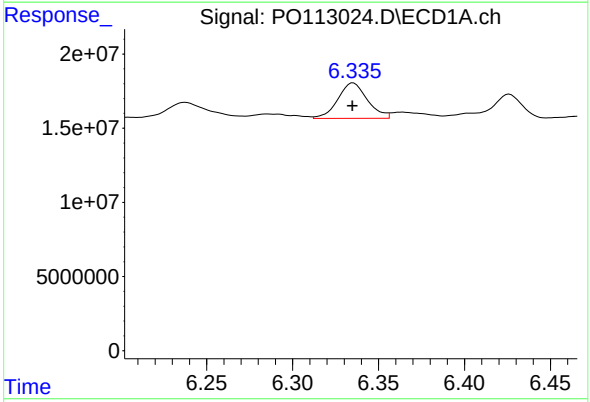
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



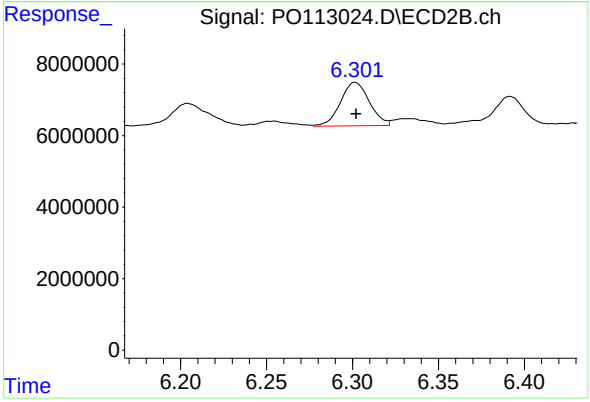

#28 AR-1254-3

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 20976378
Conc: 50.42 ng/ml m



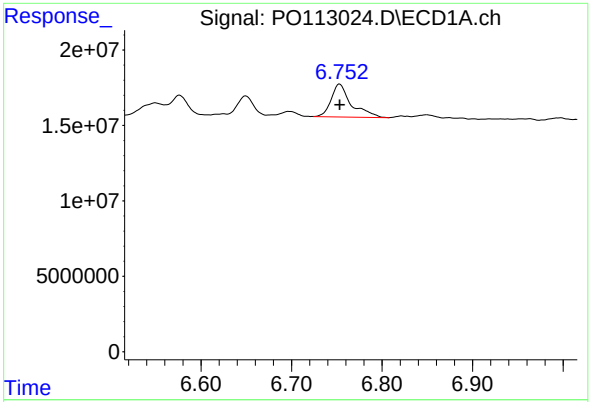

#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 28558766
Conc: 51.63 ng/ml




#29 AR-1254-4

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 14228719
Conc: 52.01 ng/ml



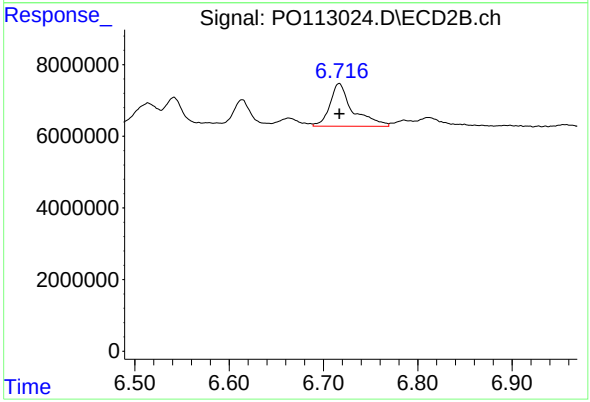

#30 AR-1254-5

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 33818216
Conc: 48.17 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025




#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 20038217
Conc: 57.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:54
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:39:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:39:26 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... | 3.662 | 3.656 | 406.7E6 | 247.5E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.680 | 8.628 | 369.8E6 | 97697594 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 36) | L8 AR-1262-1 | 6.790 | 6.755 | 457.9E6 | 207.3E6 | 500.000 | 500.000 |
| 37) | L8 AR-1262-2 | 7.292 | 7.255 | 756.1E6 | 258.8E6 | 500.000 | 500.000 |
| 38) | L8 AR-1262-3 | 7.575 | 7.536 | 277.1E6 | 89795239 | 500.000 | 500.000 |
| 39) | L8 AR-1262-4 | 7.639 | 7.600 | 489.0E6 | 145.0E6 | 500.000 | 500.000 |
| 40) | L8 AR-1262-5 | 8.135 | 8.092 | 208.4E6 | 54165644 | 500.000 | 500.000 |

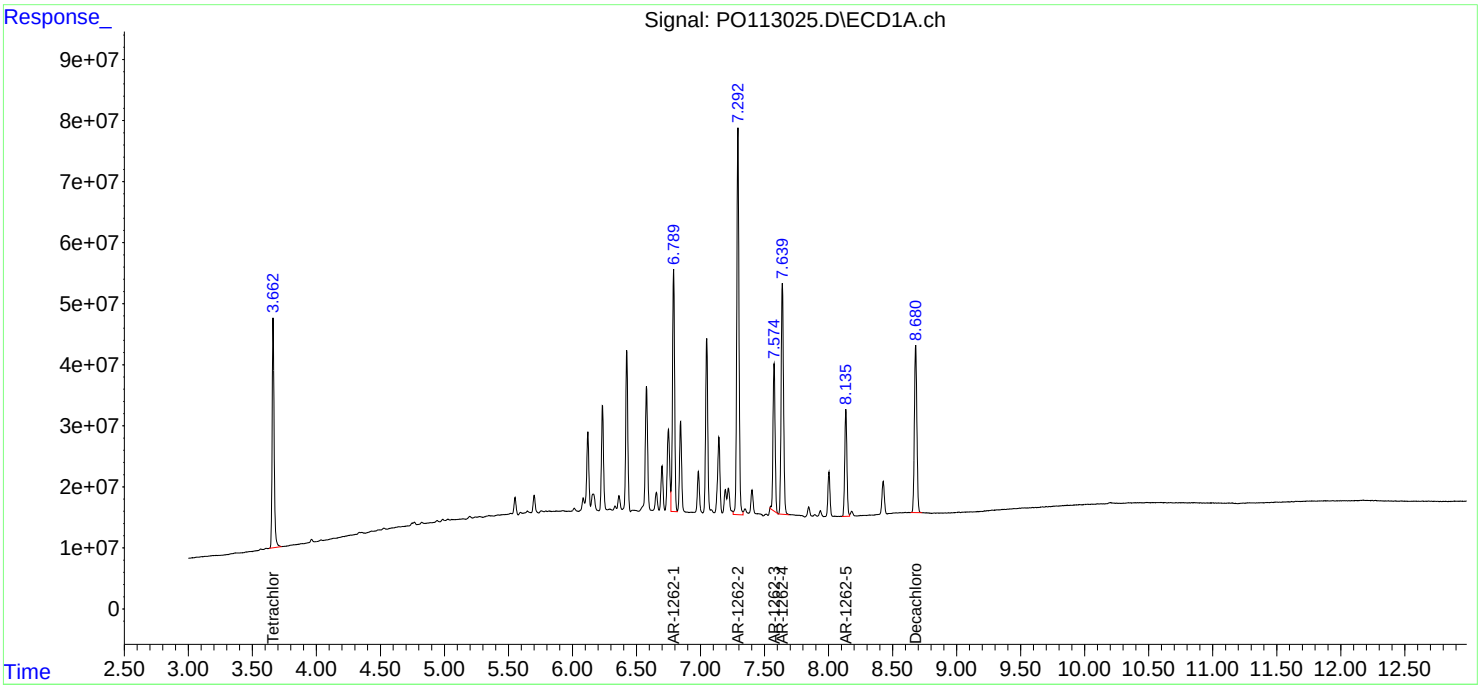
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

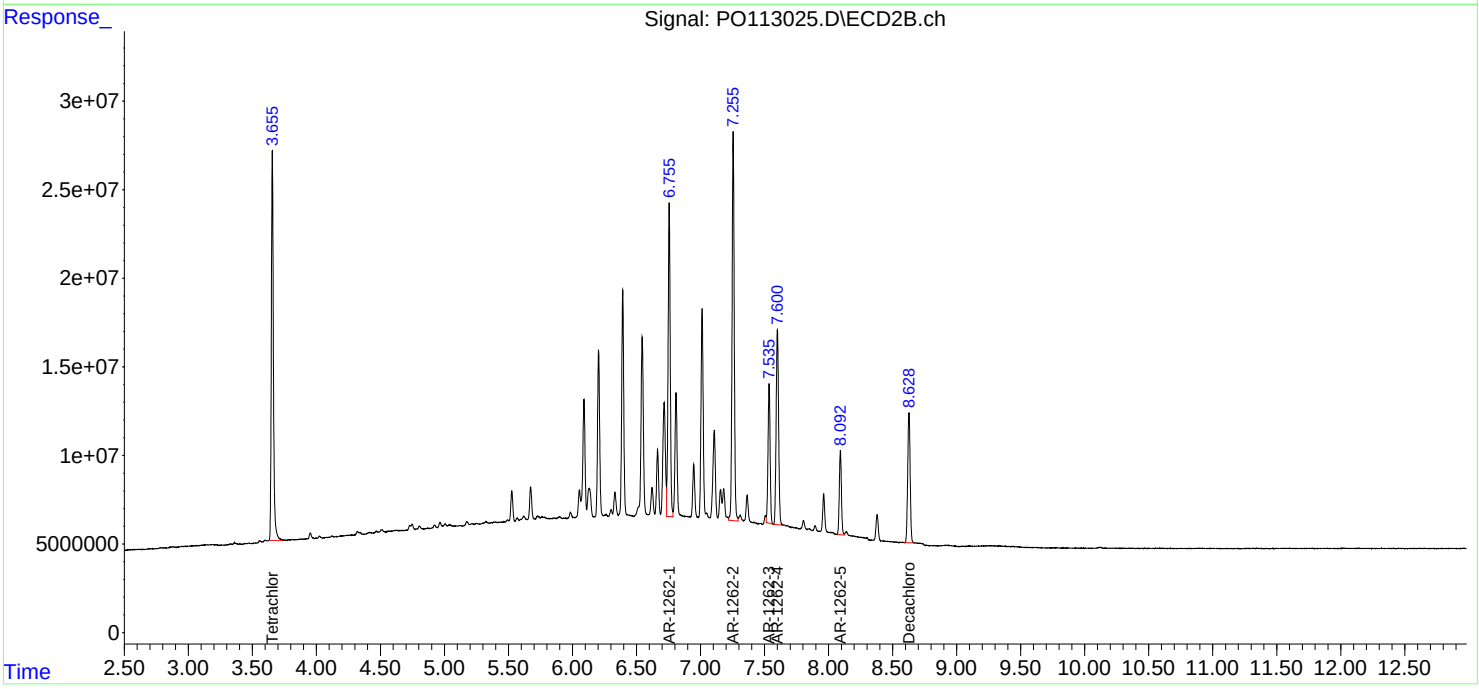
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:54
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

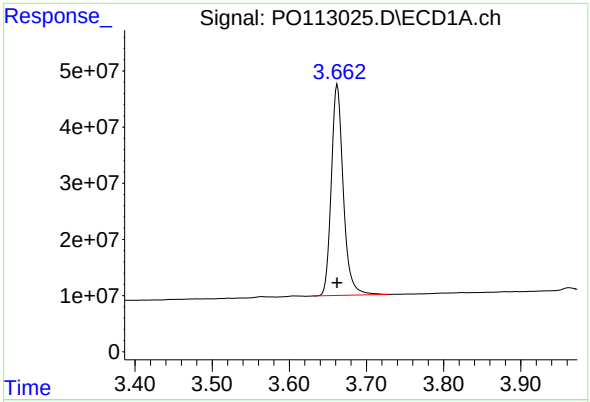
**Instrument :**
ECD_O
**ClientSampleId :**
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:39:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:39:26 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



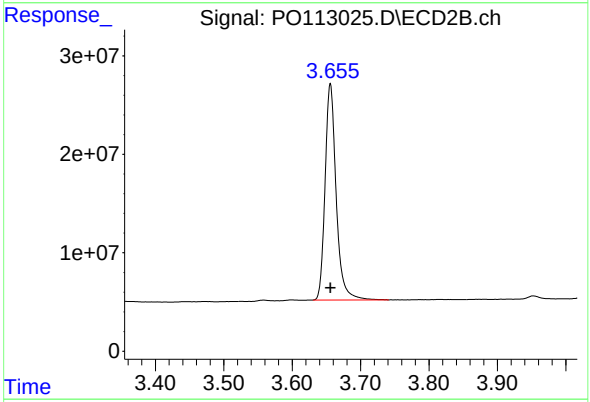






#1 Tetrachloro-m-xylene

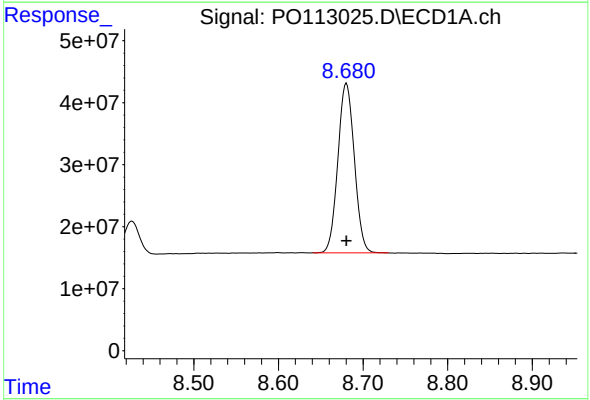
R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 406713208
Conc: 50.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1262ICC500



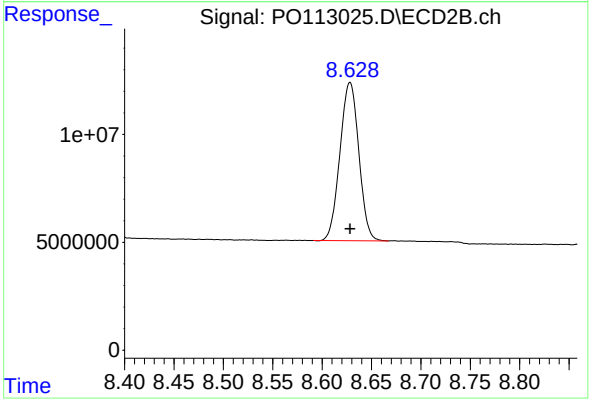

#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 247504965
Conc: 50.00 ng/ml



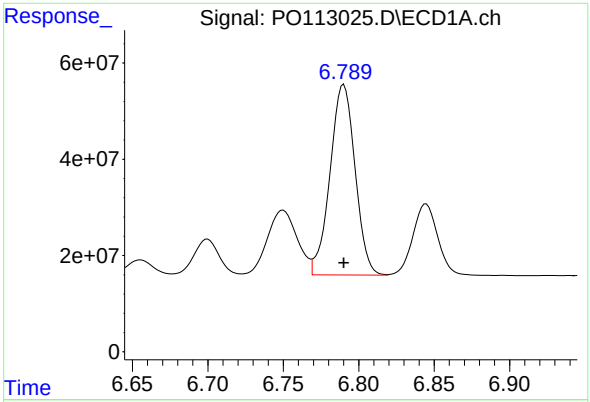

#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 369793839
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

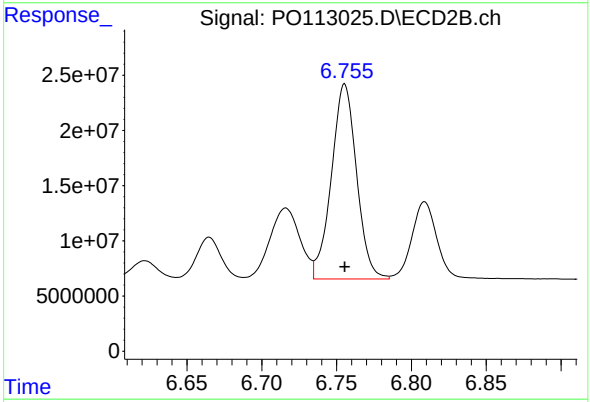
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 97697594
Conc: 50.00 ng/ml




#36 AR-1262-1

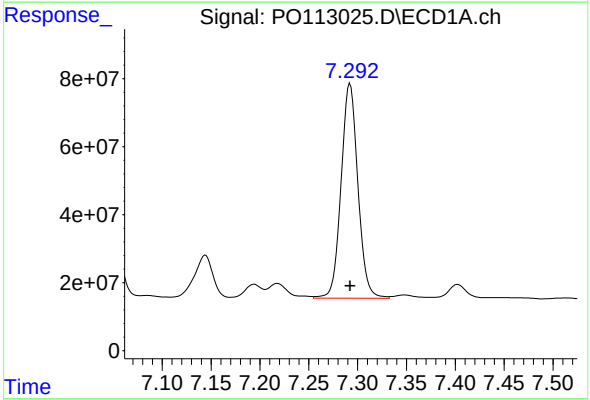
R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 457881599
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1262ICC500



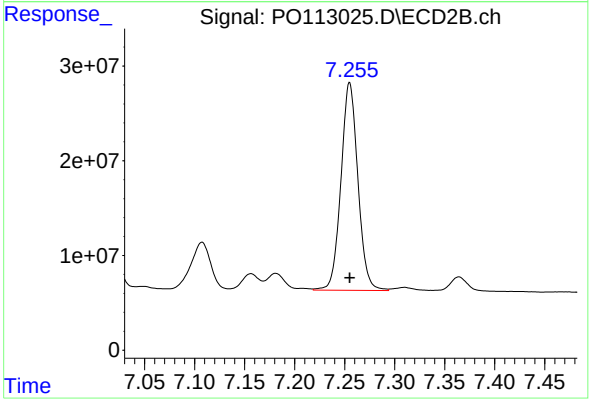

#36 AR-1262-1

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 207307096
Conc: 500.00 ng/ml



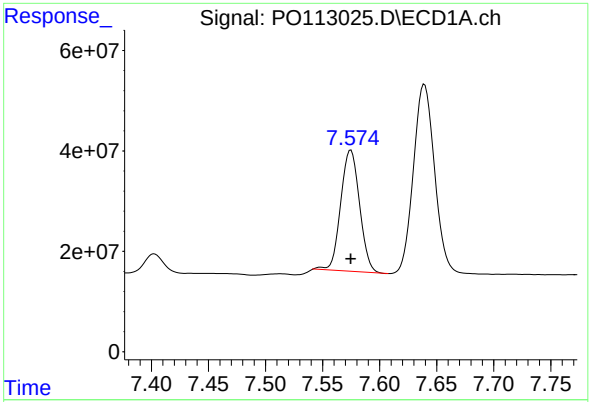

#37 AR-1262-2

R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 756077574
Conc: 500.00 ng/ml




#37 AR-1262-2

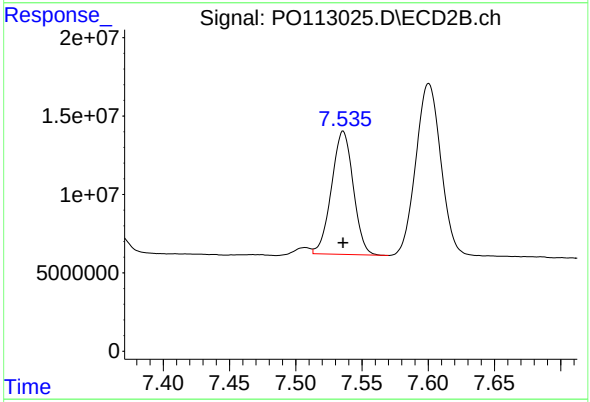
R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 258835191
Conc: 500.00 ng/ml




#38 AR-1262-3

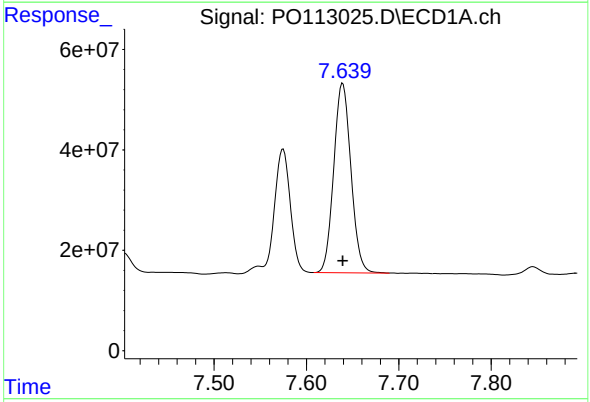
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 277053638
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1262ICC500



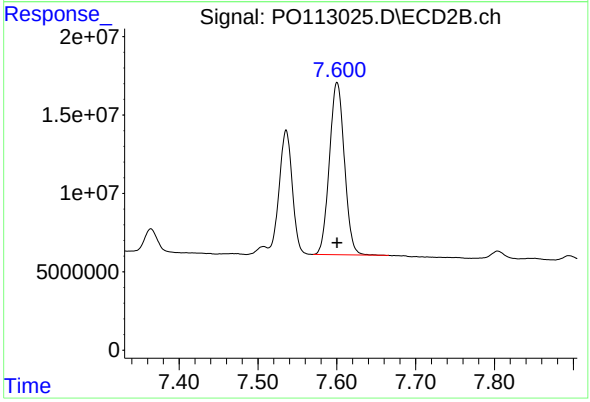

#38 AR-1262-3

R.T.: 7.536 min
Delta R.T.: 0.000 min
Response: 89795239
Conc: 500.00 ng/ml



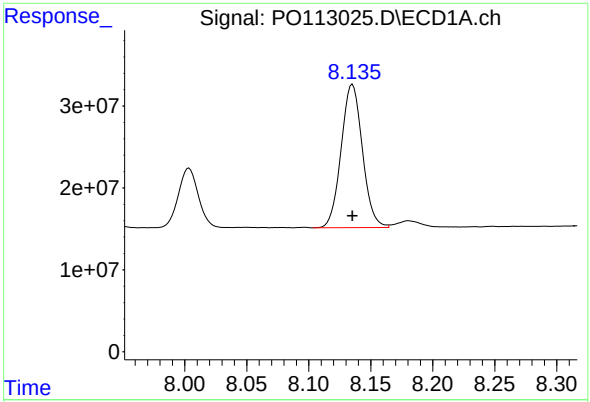

#39 AR-1262-4

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 488984166
Conc: 500.00 ng/ml




#39 AR-1262-4

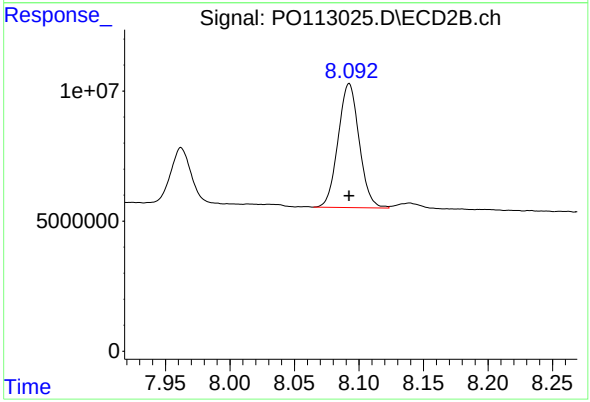
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 144950632
Conc: 500.00 ng/ml




#40 AR-1262-5

R.T.: 8.135 min
Delta R.T.: 0.000 min
Response: 208439165
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1262ICC500




#40 AR-1262-5

R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 54165644
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:12
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:48:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 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... | 3.664 | 3.656 | 838.3E6 | 509.2E6 | 98.889 | 99.430 |
| 2) | SA Decachlor... | 8.682 | 8.627 | 1357.3E6 | 346.9E6 | 97.480 | 96.565 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.577 | 7.537 | 1761.0E6 | 505.3E6 | 976.230 | 954.513 |
| 42) | L9 AR-1268-2 | 7.642 | 7.602 | 1477.2E6 | 411.8E6 | 973.638 | 954.016 |
| 43) | L9 AR-1268-3 | 7.846 | 7.805 | 1233.6E6 | 321.7E6 | 970.801 | 947.705 |
| 44) | L9 AR-1268-4 | 8.137 | 8.092 | 475.8E6 | 120.3E6 | 998.193 | 977.393 |
| 45) | L9 AR-1268-5 | 8.428 | 8.379 | 3340.5E6 | 793.7E6 | 996.727 | 976.596 |

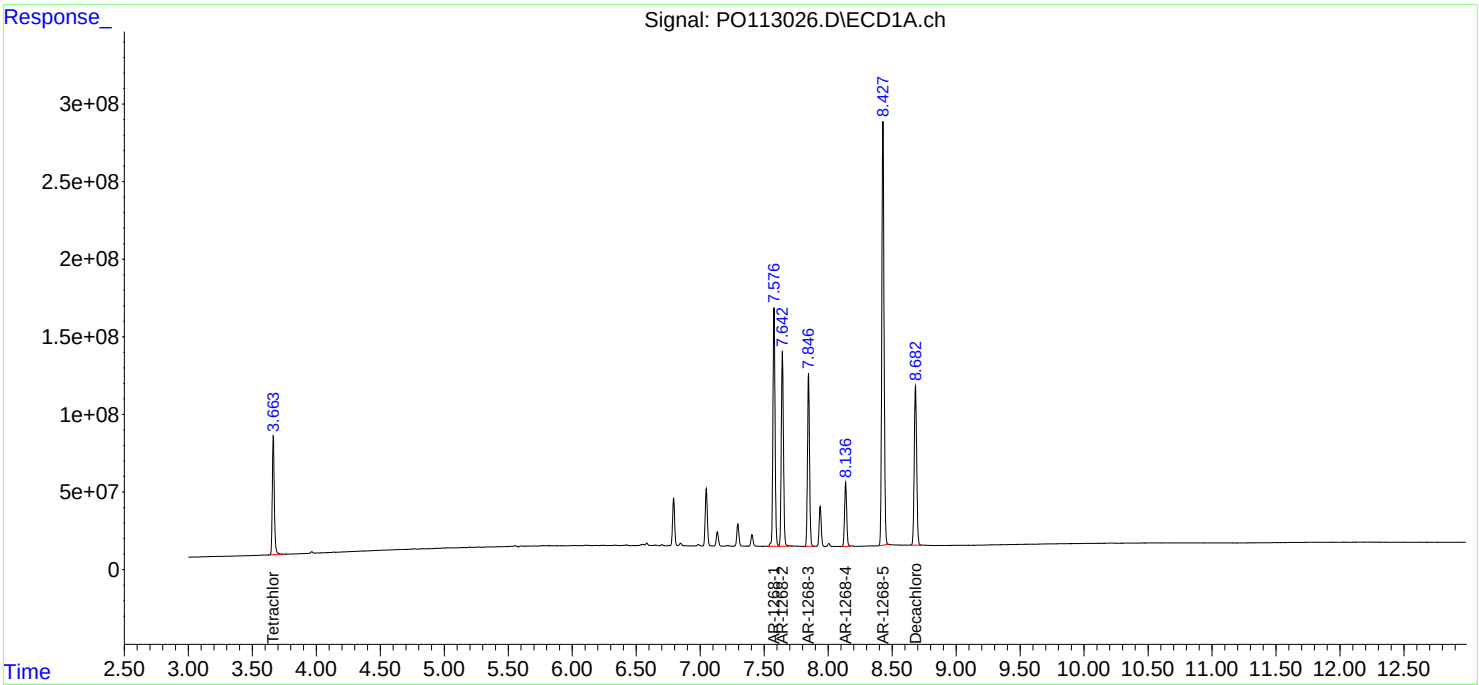
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

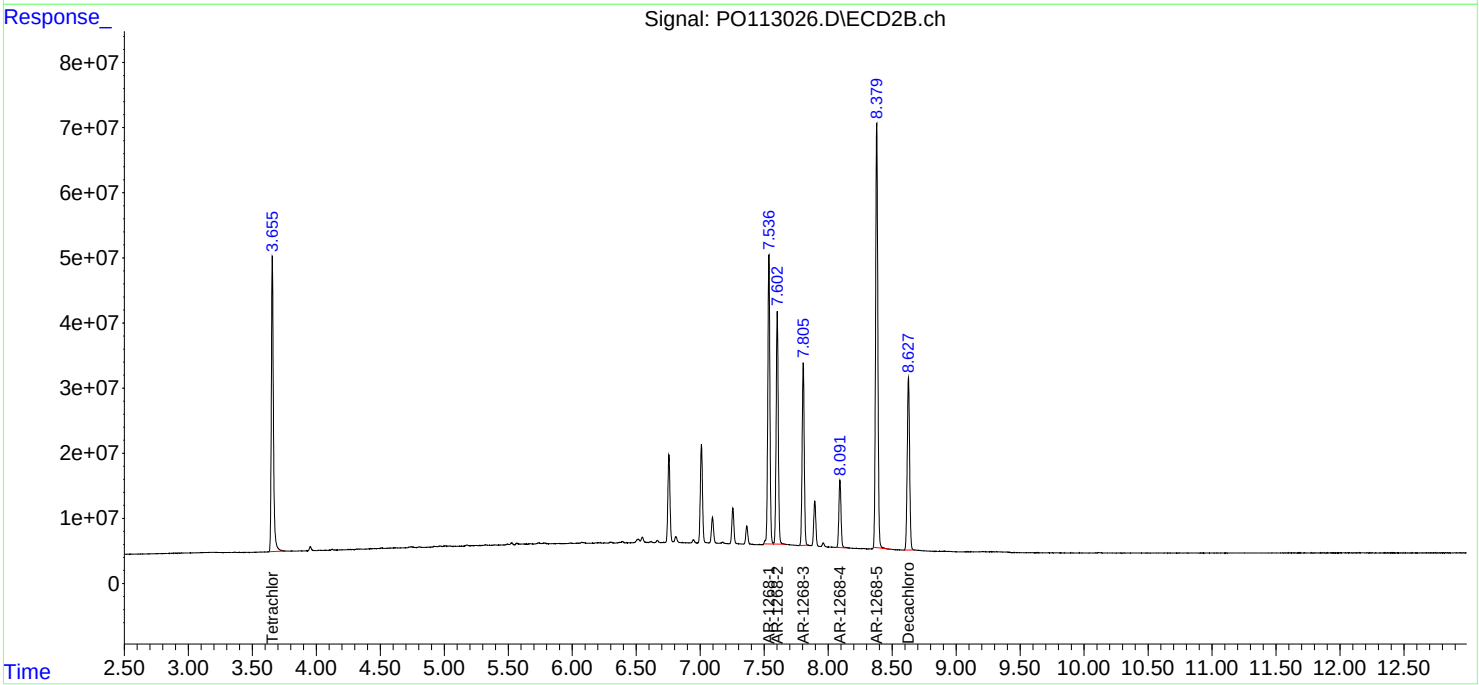
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:12
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

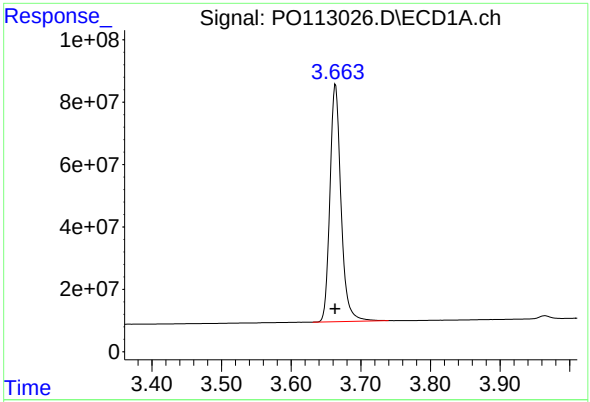
**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:48:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 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



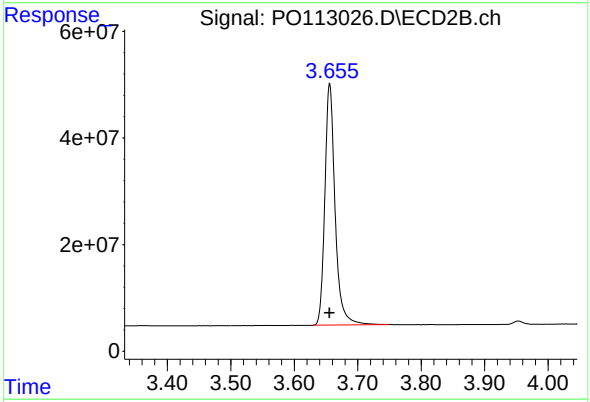






#1 Tetrachloro-m-xylene

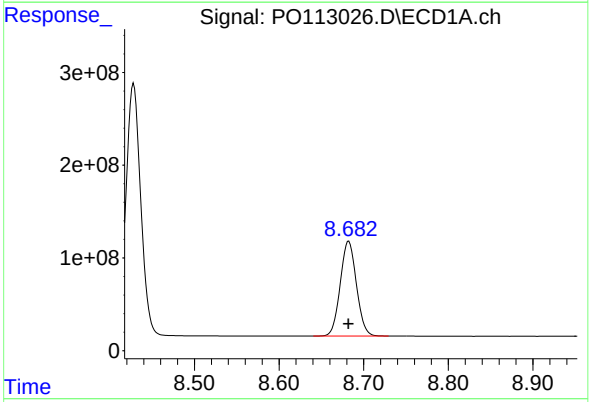
R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 838328384
Conc: 98.89 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC1000



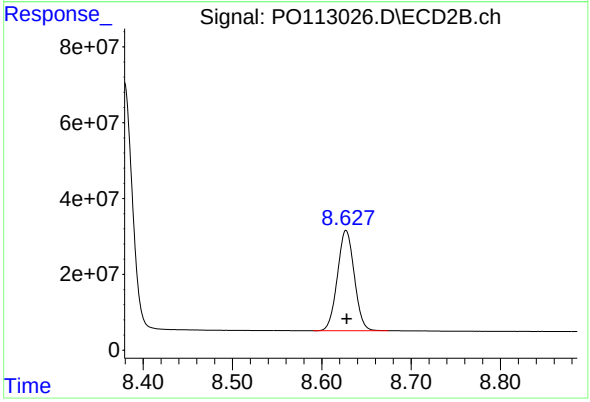

#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 509172314
Conc: 99.43 ng/ml



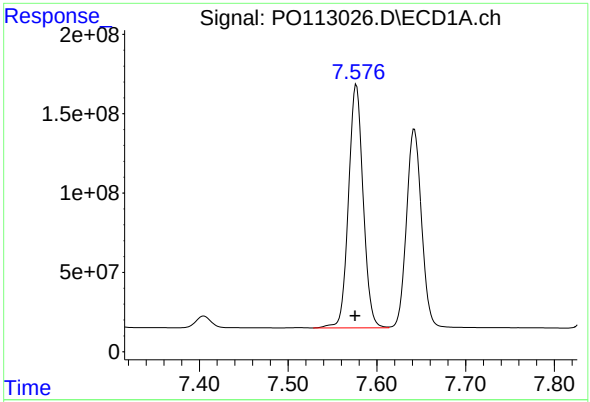

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 1357308467
Conc: 97.48 ng/ml




#2 Decachlorobiphenyl

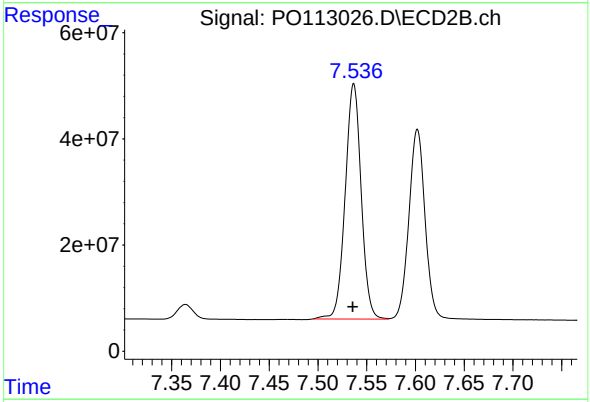
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 346867860
Conc: 96.57 ng/ml




#41 AR-1268-1

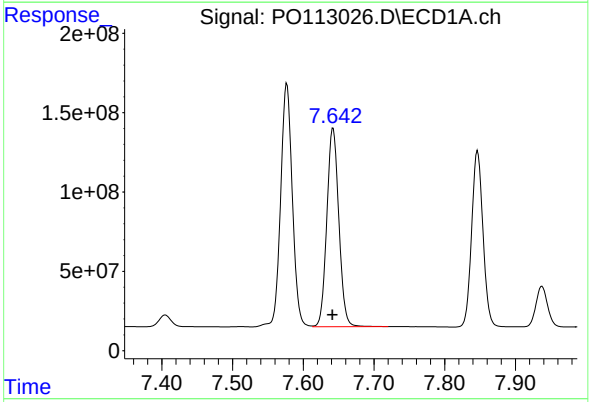
R.T.: 7.577 min
Delta R.T.: 0.001 min
Response: 1761014831
Conc: 976.23 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC1000



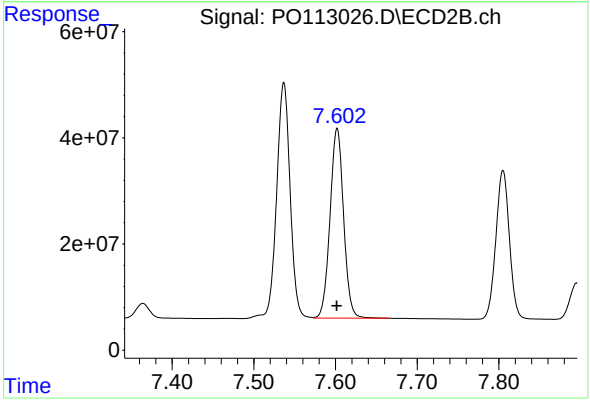

#41 AR-1268-1

R.T.: 7.537 min
Delta R.T.: 0.000 min
Response: 505322959
Conc: 954.51 ng/ml



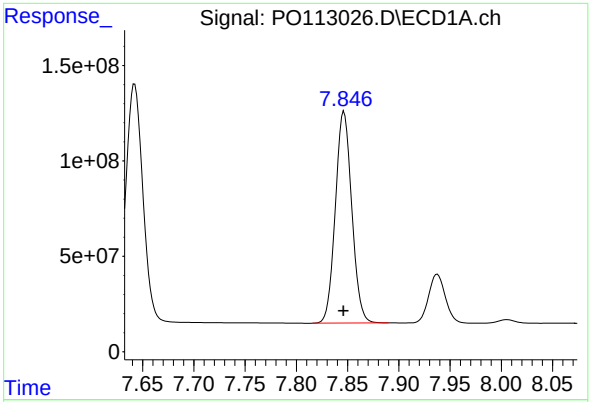

#42 AR-1268-2

R.T.: 7.642 min
Delta R.T.: 0.001 min
Response: 1477166466
Conc: 973.64 ng/ml




#42 AR-1268-2

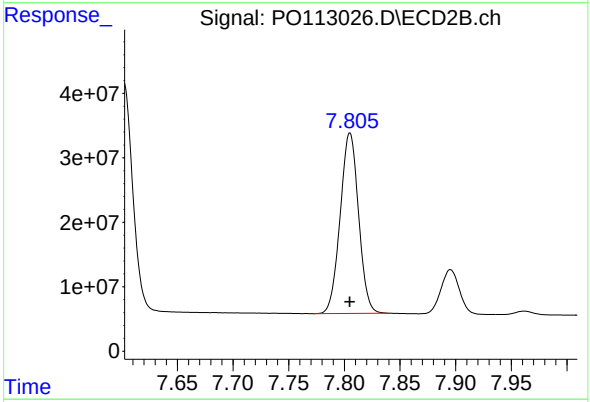
R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 411828393
Conc: 954.02 ng/ml




#43 AR-1268-3

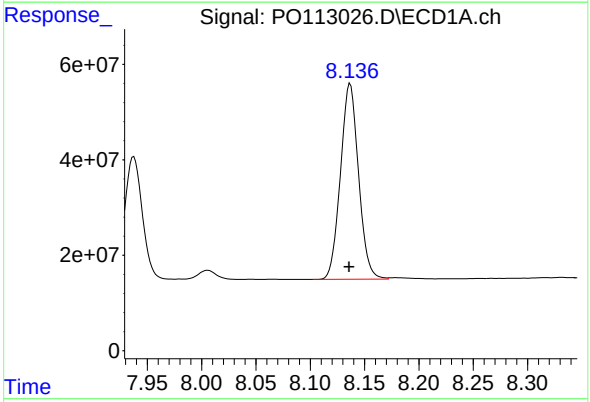
R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 1233609752
Conc: 970.80 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC1000



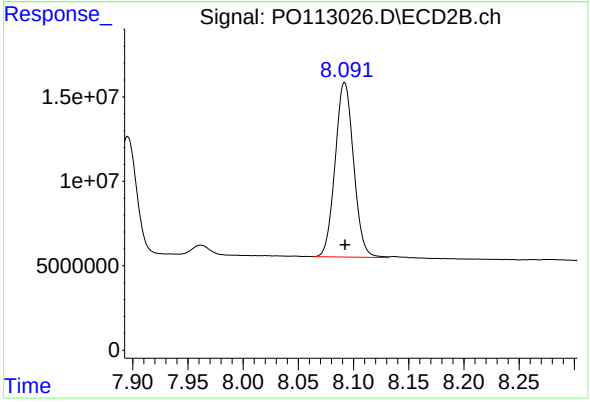

#43 AR-1268-3

R.T.: 7.805 min
Delta R.T.: 0.000 min
Response: 321714437
Conc: 947.70 ng/ml



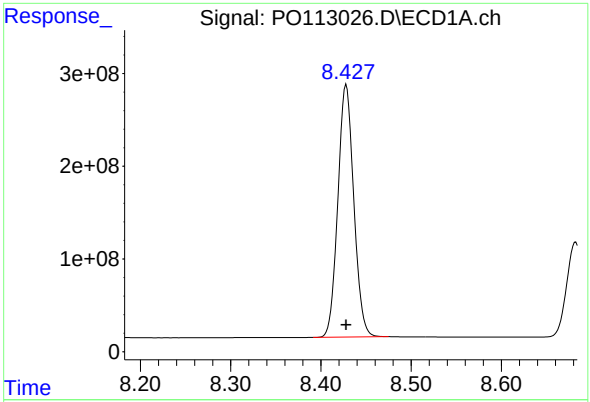

#44 AR-1268-4

R.T.: 8.137 min
Delta R.T.: 0.001 min
Response: 475808490
Conc: 998.19 ng/ml




#44 AR-1268-4

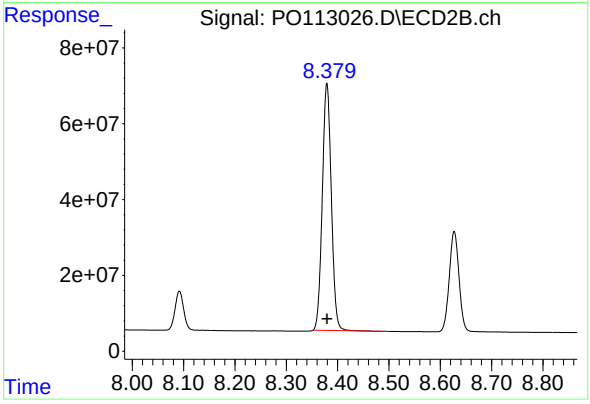
R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 120303152
Conc: 977.39 ng/ml




#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 3340543820
Conc: 996.73 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC1000




#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 793658604
Conc: 976.60 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113027.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:30
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 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... | 3.661 | 3.655 | 635.0E6 | 385.8E6 | 74.903 | 75.334 |
| 2) | SA Decachlor... | 8.679 | 8.626 | 1024.0E6 | 262.4E6 | 73.544 | 73.041 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.573 | 7.535 | 1330.9E6 | 375.0E6 | 737.820 | 708.257 |
| 42) | L9 AR-1268-2 | 7.639 | 7.601 | 1119.3E6 | 306.5E6 | 737.779 | 709.930 |
| 43) | L9 AR-1268-3 | 7.844 | 7.804 | 934.0E6 | 240.8E6 | 734.989 | 709.221 |
| 44) | L9 AR-1268-4 | 8.133 | 8.092 | 359.4E6 | 91683621 | 754.004 | 744.876 |
| 45) | L9 AR-1268-5 | 8.426 | 8.378 | 2501.0E6 | 597.6E6 | 746.242 | 735.293 |

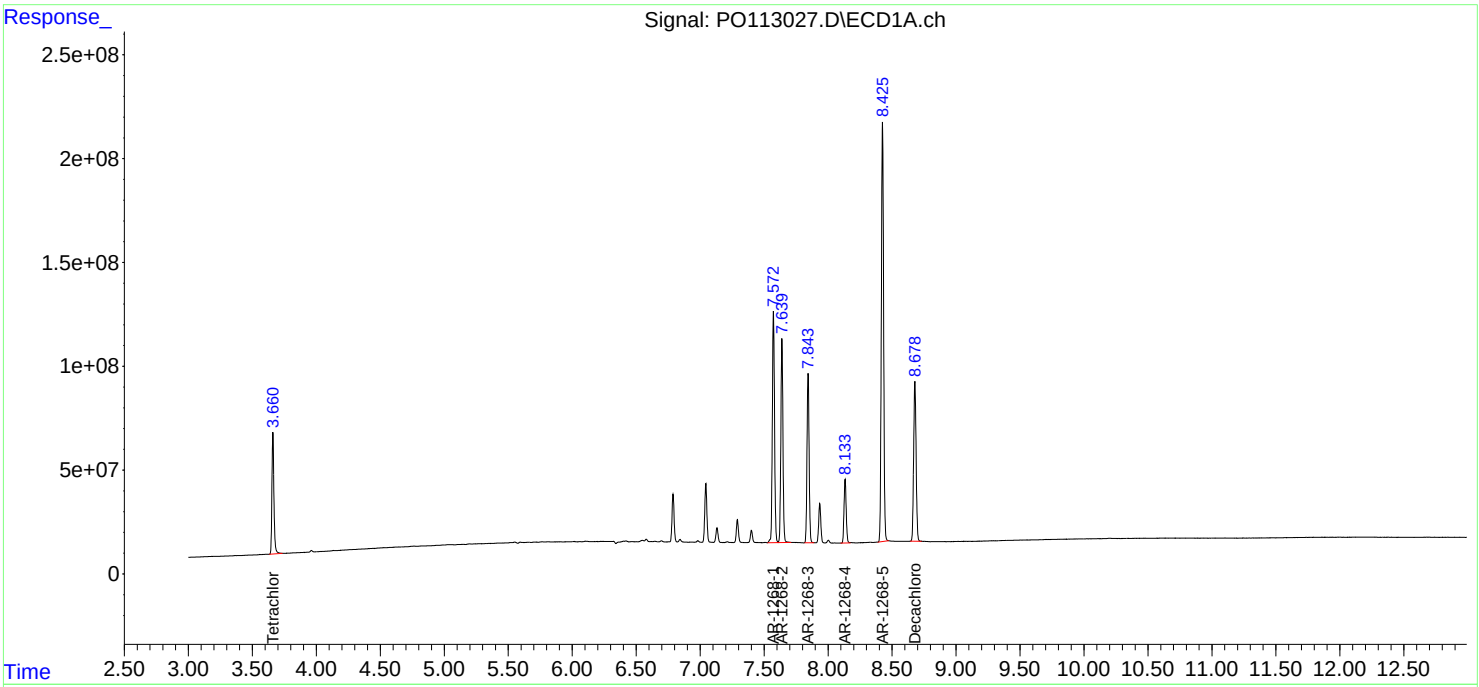
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

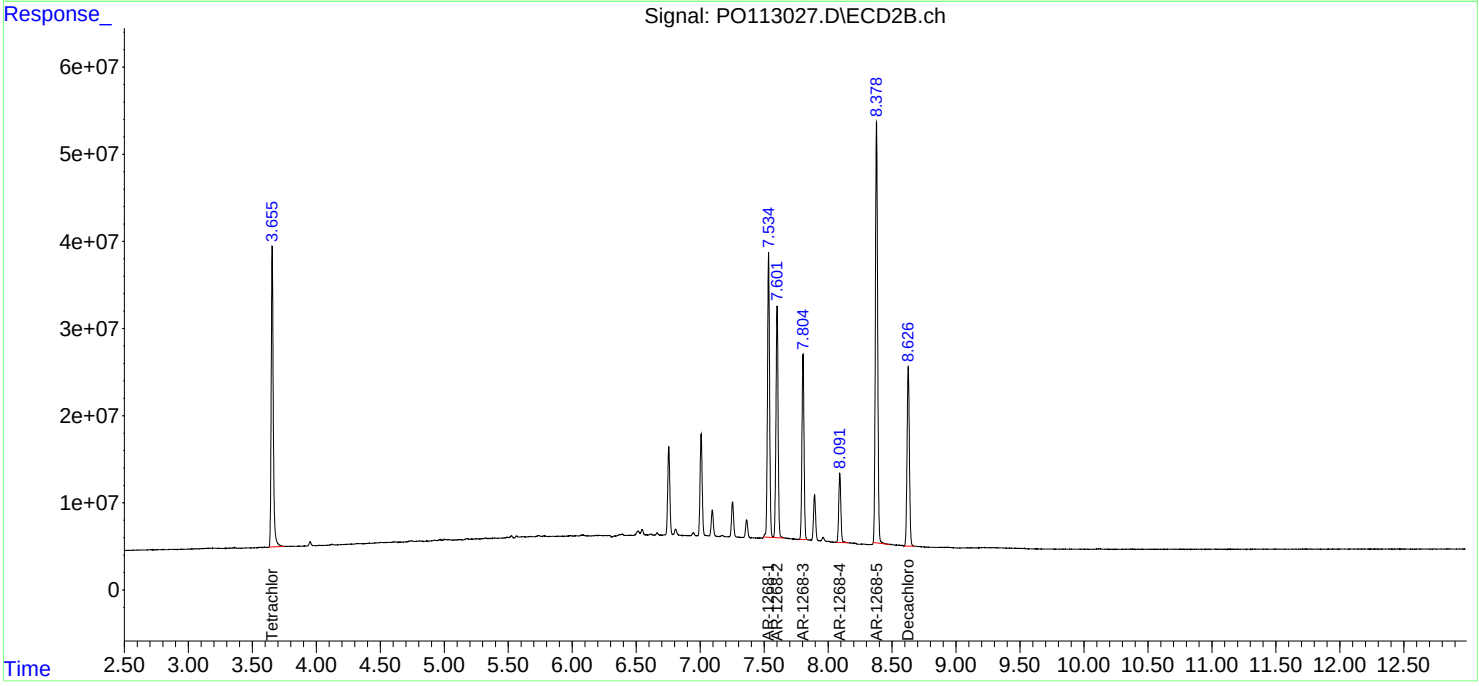
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113027.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:30
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

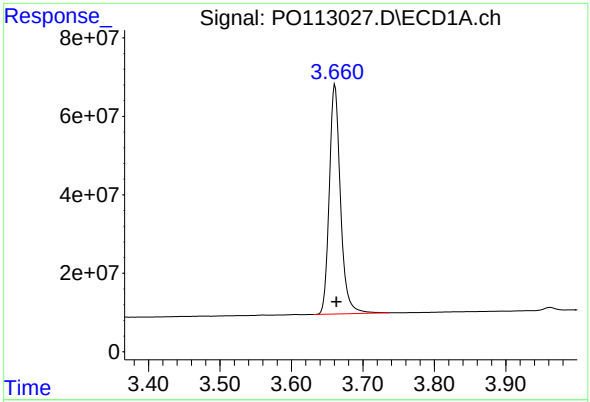
**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 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



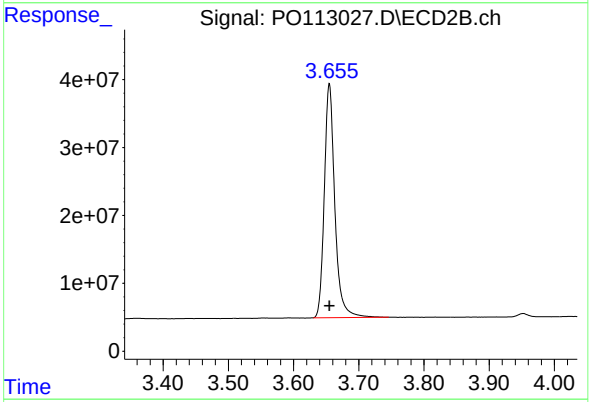






#1 Tetrachloro-m-xylene

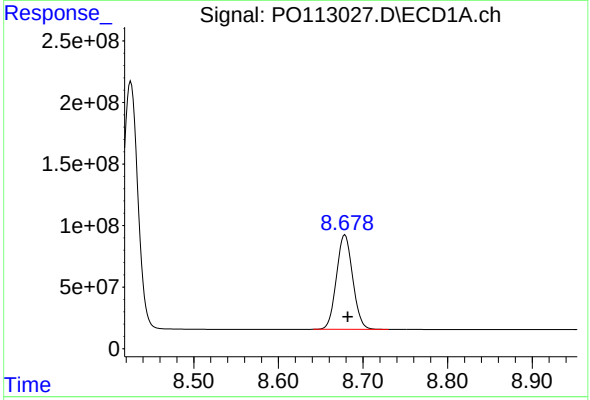
R.T.: 3.661 min
Delta R.T.: -0.002 min
Response: 634990936
Conc: 74.90 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC750



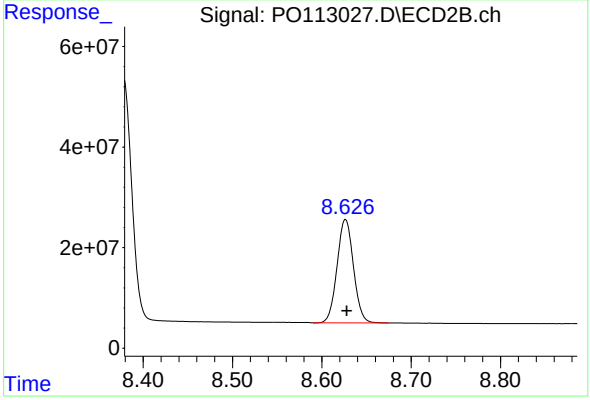

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 385780732
Conc: 75.33 ng/ml



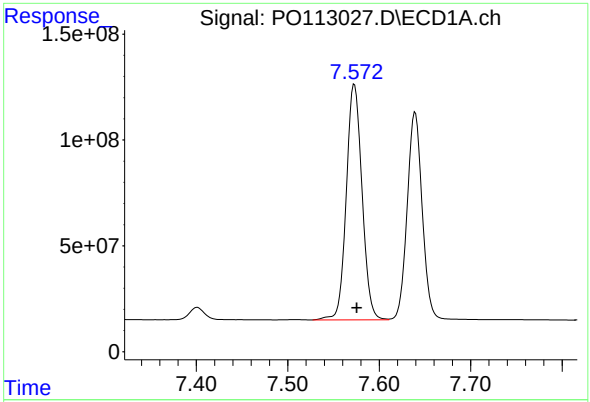

#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.003 min
Response: 1024022349
Conc: 73.54 ng/ml




#2 Decachlorobiphenyl

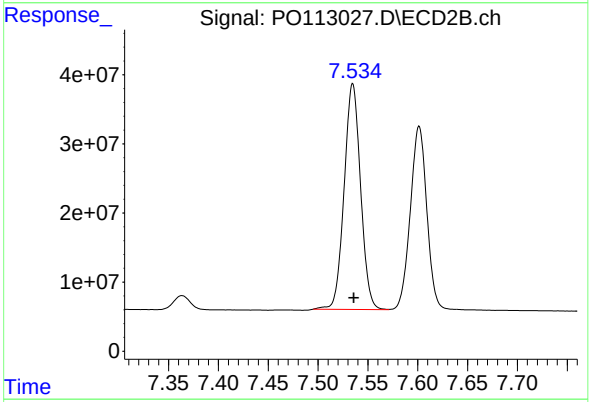
R.T.: 8.626 min
Delta R.T.: -0.002 min
Response: 262368090
Conc: 73.04 ng/ml




#41 AR-1268-1

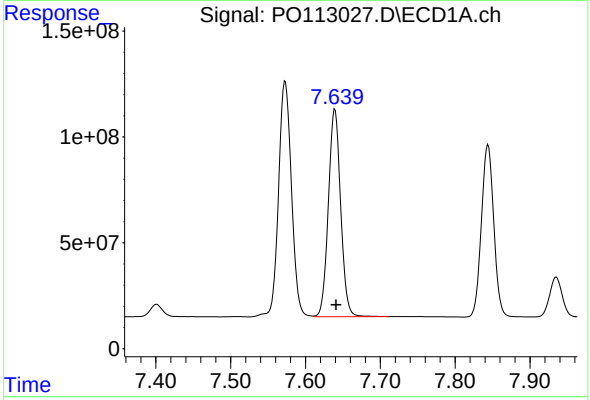
R.T.: 7.573 min
Delta R.T.: -0.003 min
Response: 1330948860
Conc: 737.82 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC750



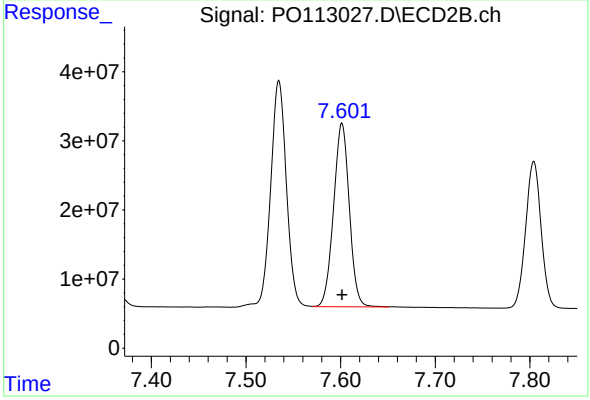

#41 AR-1268-1

R.T.: 7.535 min
Delta R.T.: -0.001 min
Response: 374954235
Conc: 708.26 ng/ml



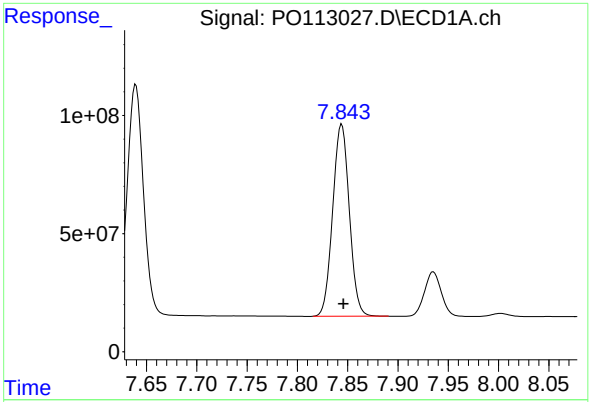

#42 AR-1268-2

R.T.: 7.639 min
Delta R.T.: -0.002 min
Response: 1119329887
Conc: 737.78 ng/ml




#42 AR-1268-2

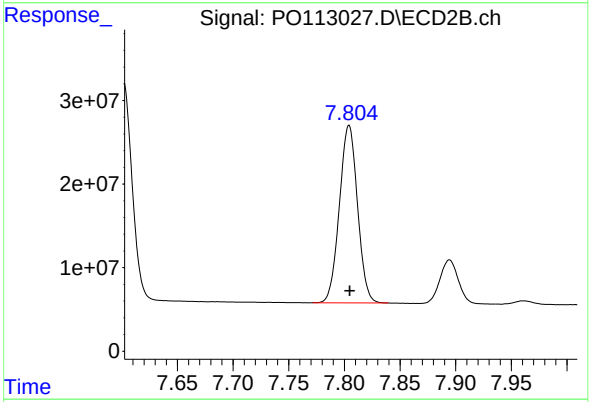
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 306461558
Conc: 709.93 ng/ml




#43 AR-1268-3

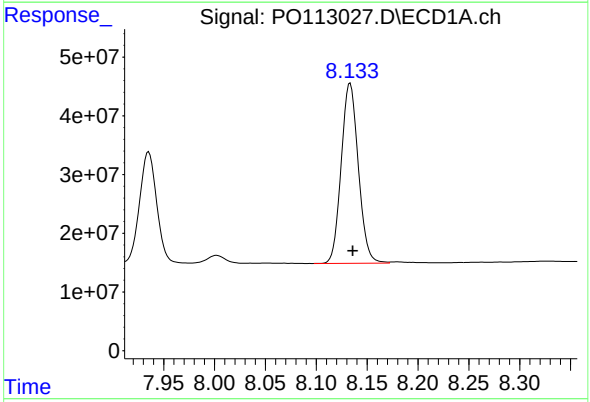
R.T.: 7.844 min
Delta R.T.: -0.002 min
Response: 933960556
Conc: 734.99 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC750



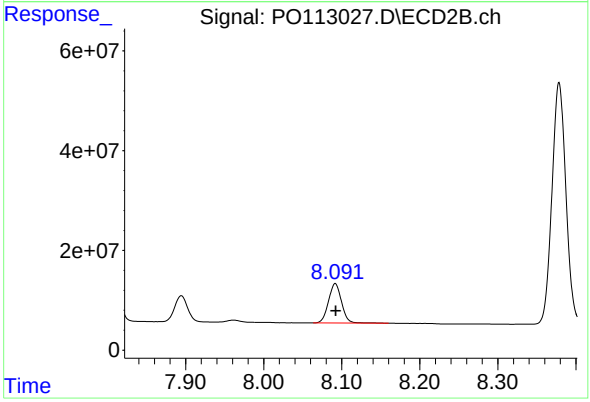

#43 AR-1268-3

R.T.: 7.804 min
Delta R.T.: 0.000 min
Response: 240757104
Conc: 709.22 ng/ml



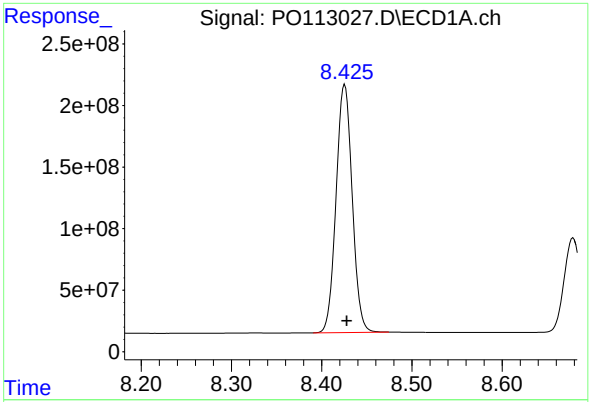

#44 AR-1268-4

R.T.: 8.133 min
Delta R.T.: -0.002 min
Response: 359411039
Conc: 754.00 ng/ml




#44 AR-1268-4

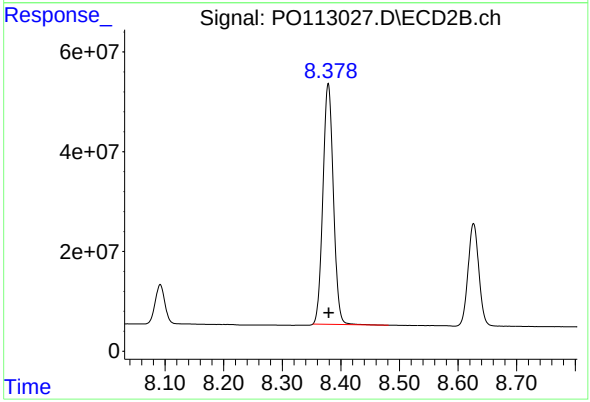
R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 91683621
Conc: 744.88 ng/ml




#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.002 min
Response: 2501040909
Conc: 746.24 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC750




#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: 0.000 min
Response: 597557064
Conc: 735.29 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:48
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 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... | 3.663 | 3.655 | 423.9E6 | 256.0E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 8.682 | 8.628 | 696.2E6 | 179.6E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.575 | 7.536 | 901.9E6 | 264.7E6 | 500.000 | 500.000 |
| 42) | L9 AR-1268-2 | 7.641 | 7.602 | 758.6E6 | 215.8E6 | 500.000 | 500.000 |
| 43) | L9 AR-1268-3 | 7.846 | 7.805 | 635.4E6 | 169.7E6 | 500.000 | 500.000 |
| 44) | L9 AR-1268-4 | 8.136 | 8.092 | 238.3E6 | 61542864 | 500.000 | 500.000 |
| 45) | L9 AR-1268-5 | 8.428 | 8.379 | 1675.8E6 | 406.3E6 | 500.000 | 500.000 |

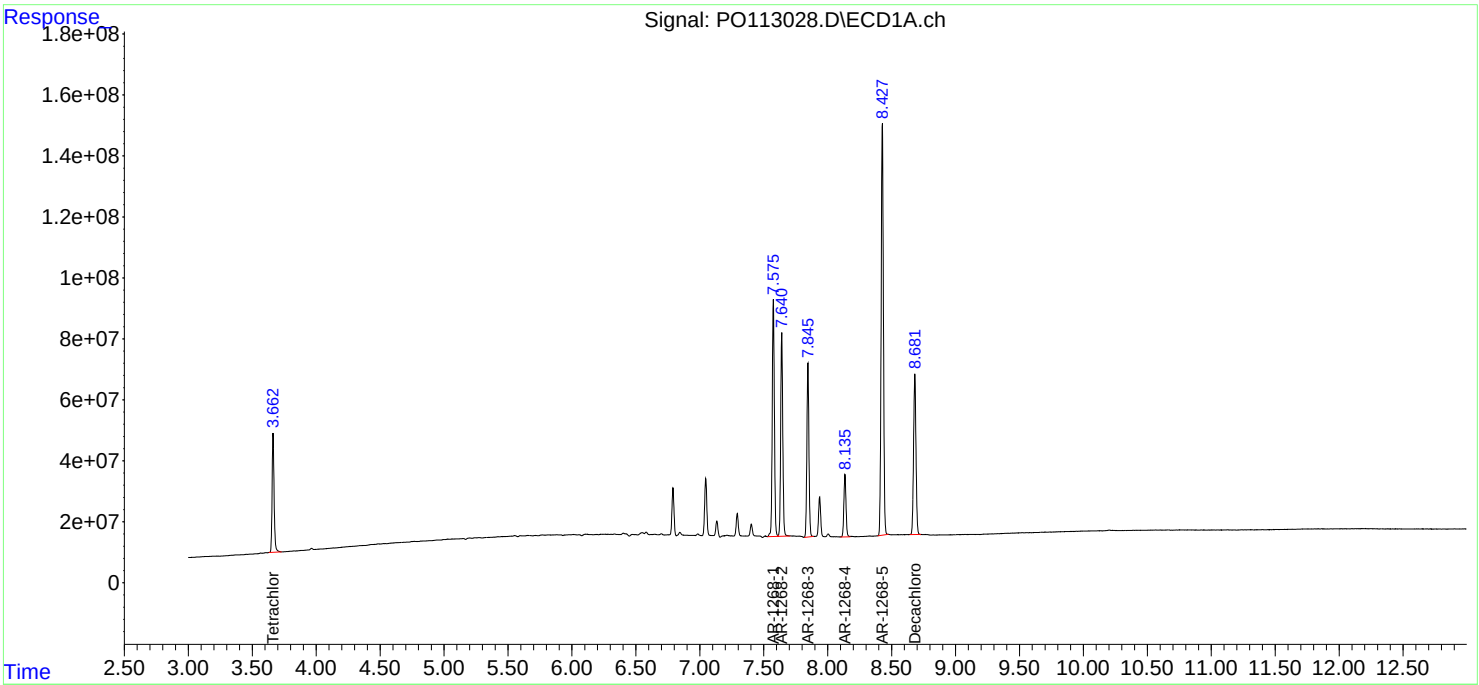
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

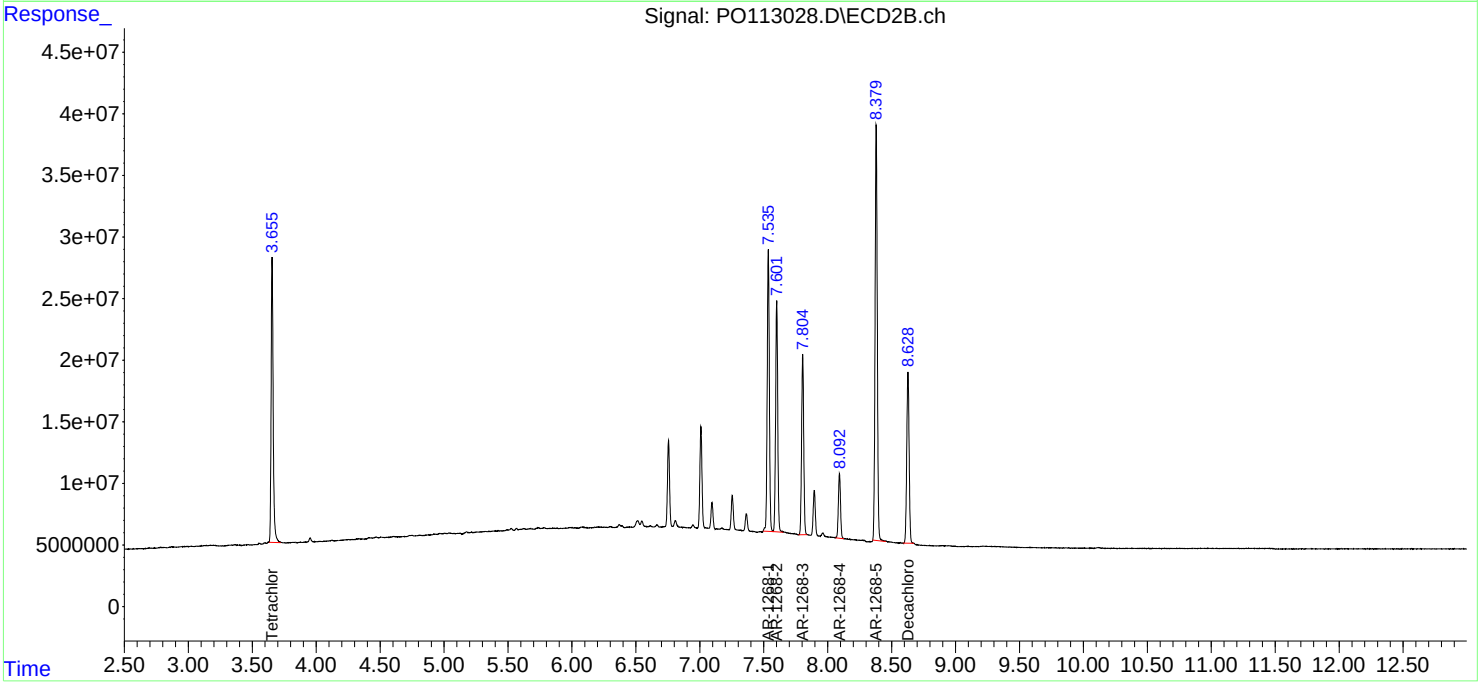
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:48
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

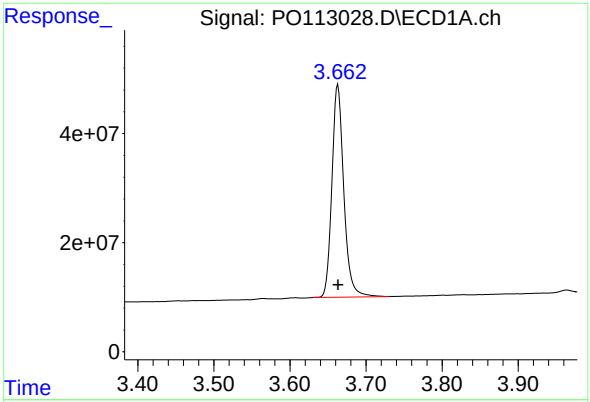
**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 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



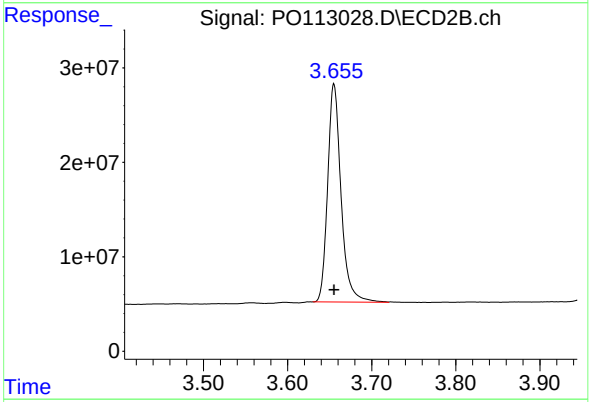






#1 Tetrachloro-m-xylene

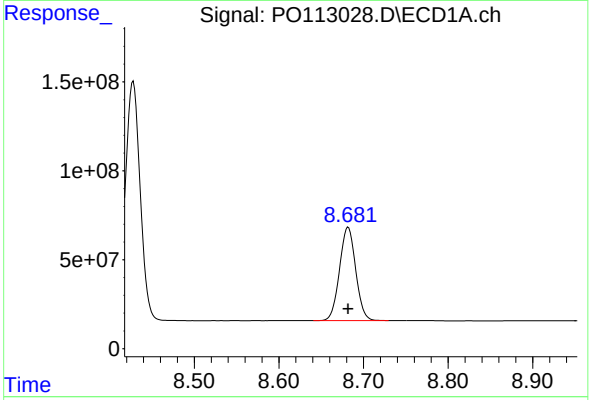
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 423873037
Conc: 50.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC500



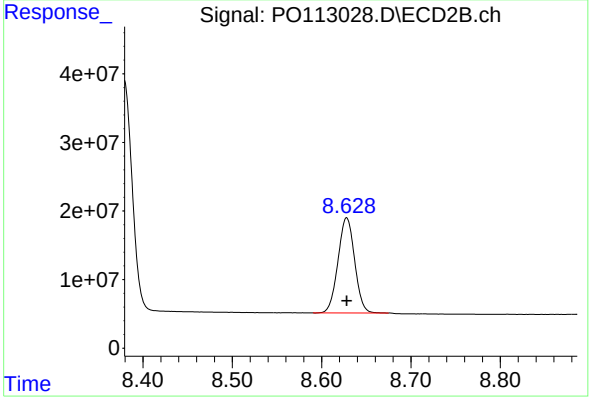

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 256046836
Conc: 50.00 ng/ml



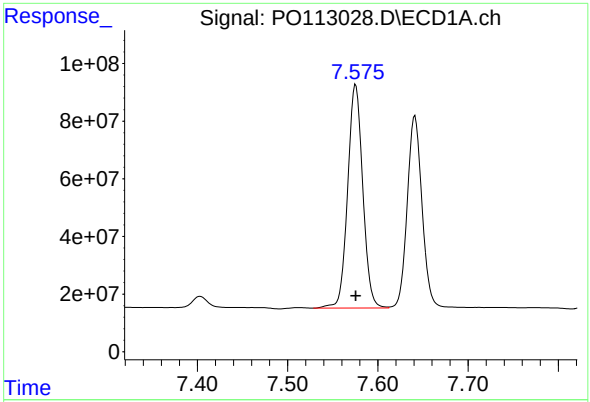

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 696200294
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

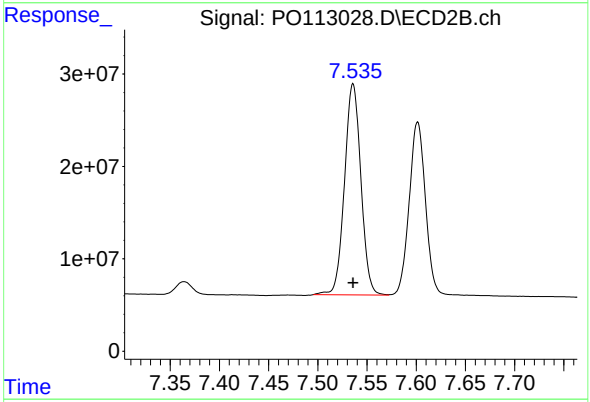
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 179602478
Conc: 50.00 ng/ml




#41 AR-1268-1

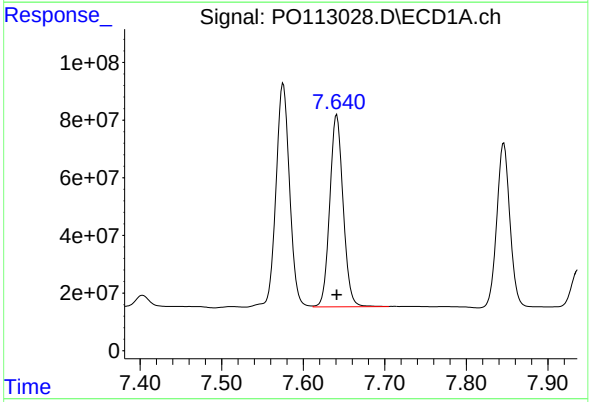
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 901946472
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC500



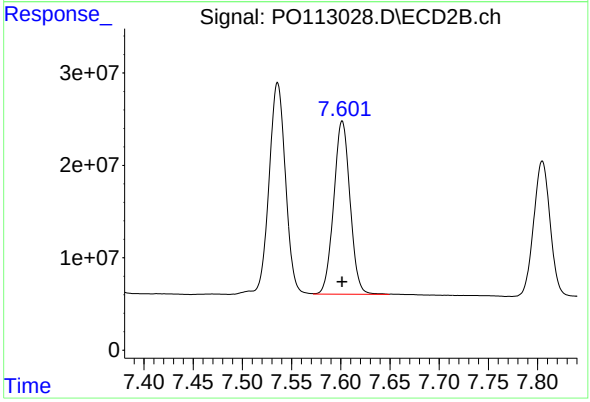

#41 AR-1268-1

R.T.: 7.536 min
Delta R.T.: 0.000 min
Response: 264702060
Conc: 500.00 ng/ml



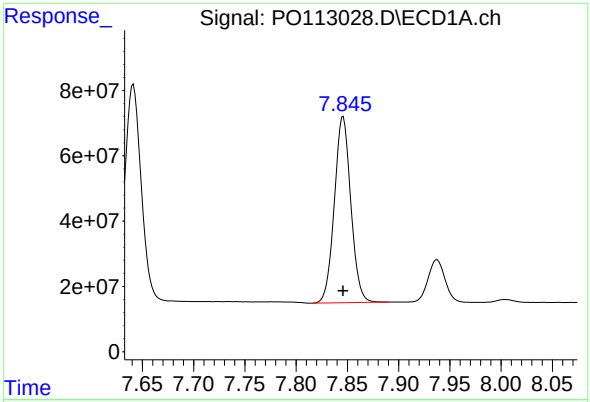

#42 AR-1268-2

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 758580749
Conc: 500.00 ng/ml




#42 AR-1268-2

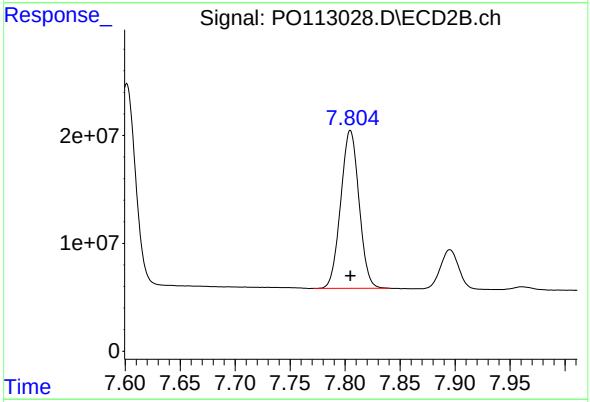
R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 215839345
Conc: 500.00 ng/ml




#43 AR-1268-3

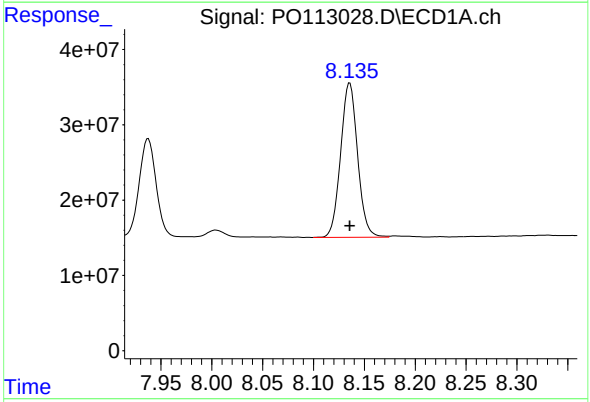
R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 635356621
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC500



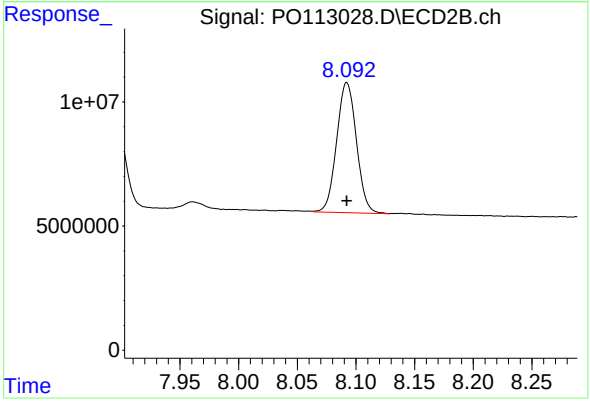

#43 AR-1268-3

R.T.: 7.805 min
Delta R.T.: 0.000 min
Response: 169733449
Conc: 500.00 ng/ml



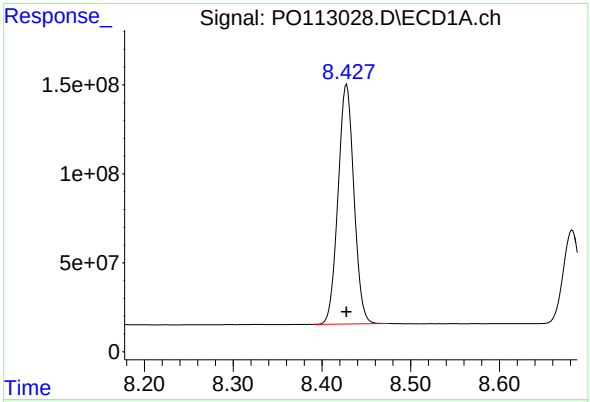

#44 AR-1268-4

R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 238334901
Conc: 500.00 ng/ml




#44 AR-1268-4

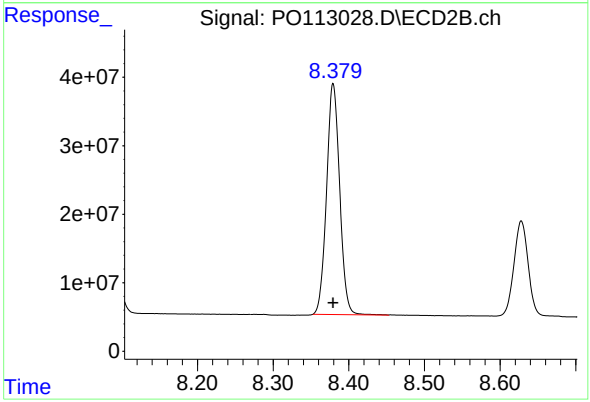
R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 61542864
Conc: 500.00 ng/ml




#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 1675756494
Conc: 500.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC500




#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 406339429
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:06
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 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... | 3.662 | 3.655 | 218.2E6 | 134.2E6 | 25.738 | 26.208 |
| 2) | SA Decachlor... | 8.680 | 8.627 | 354.7E6 | 93434698 | 25.474 | 26.012 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.575 | 7.535 | 460.2E6 | 137.9E6 | 255.114 | 260.436 |
| 42) | L9 AR-1268-2 | 7.640 | 7.601 | 386.9E6 | 111.5E6 | 255.045 | 258.314 |
| 43) | L9 AR-1268-3 | 7.845 | 7.804 | 322.8E6 | 88262994 | 254.068 | 260.005 |
| 44) | L9 AR-1268-4 | 8.134 | 8.091 | 123.3E6 | 32445037 | 258.588 | 263.597 |
| 45) | L9 AR-1268-5 | 8.427 | 8.378 | 843.4E6 | 208.8E6 | 251.661 | 256.901 |

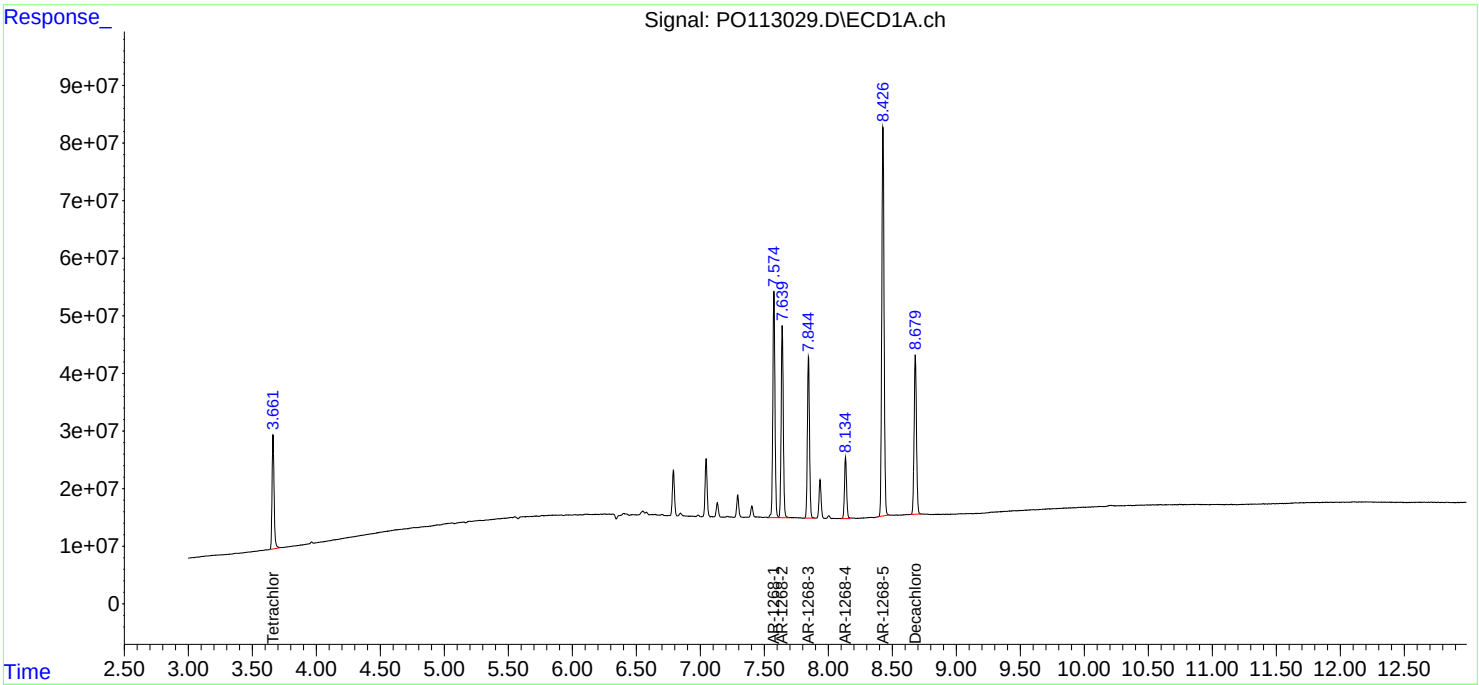
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

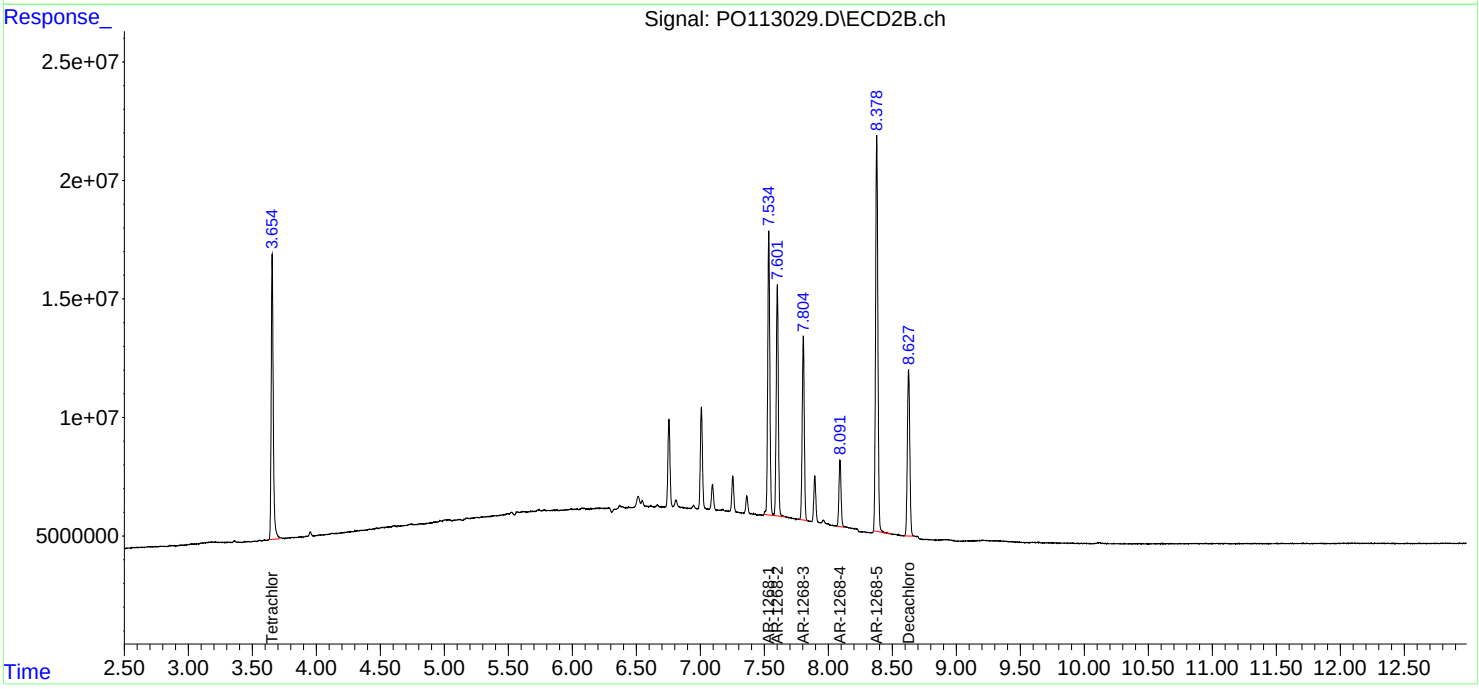
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:06
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

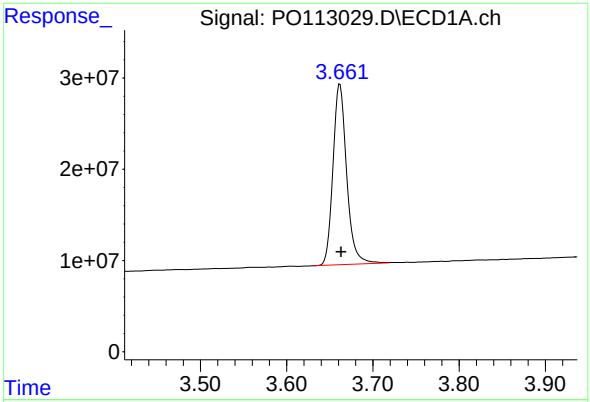
**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:49:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 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



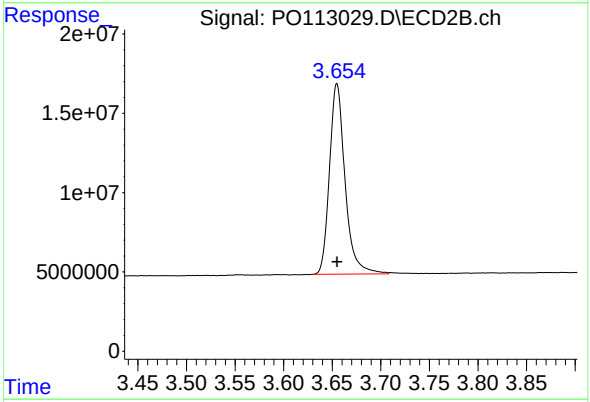






#1 Tetrachloro-m-xylene

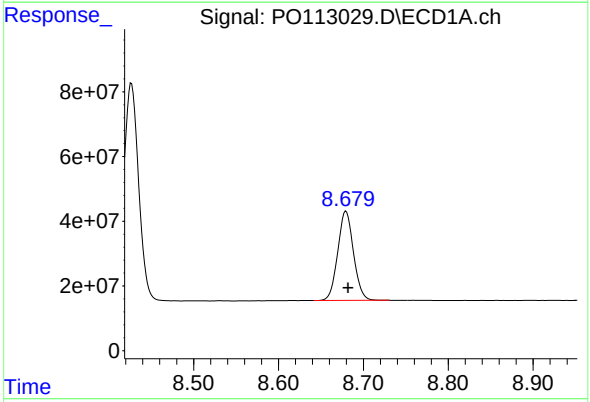
R.T.: 3.662 min
Delta R.T.: -0.001 min
Response: 218191012
Conc: 25.74 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC250



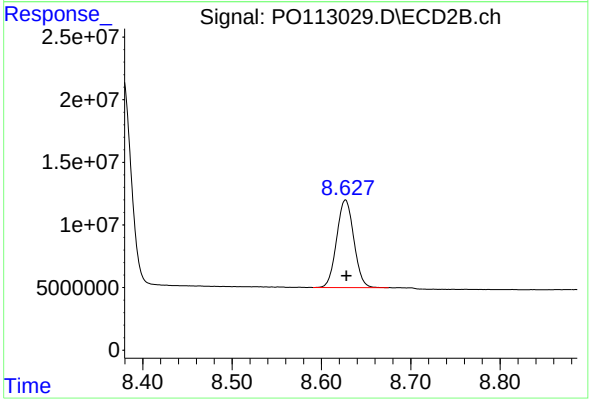

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 134209963
Conc: 26.21 ng/ml



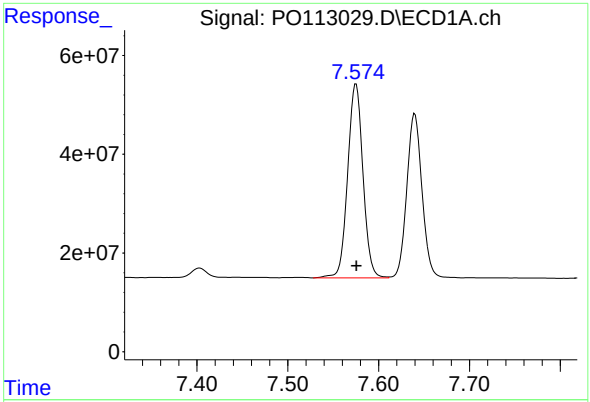

#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: -0.002 min
Response: 354705317
Conc: 25.47 ng/ml




#2 Decachlorobiphenyl

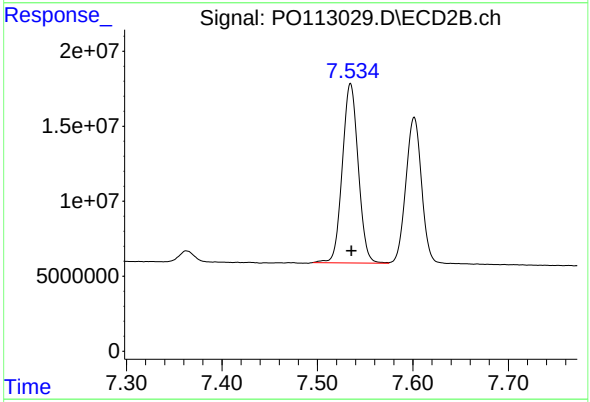
R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 93434698
Conc: 26.01 ng/ml




#41 AR-1268-1

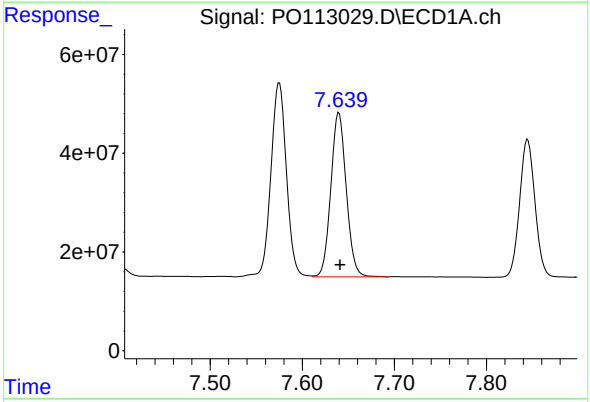
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 460198324
Conc: 255.11 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC250



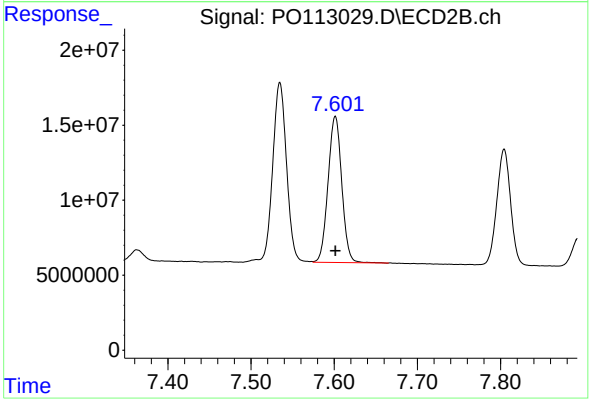

#41 AR-1268-1

R.T.: 7.535 min
Delta R.T.: -0.001 min
Response: 137875808
Conc: 260.44 ng/ml



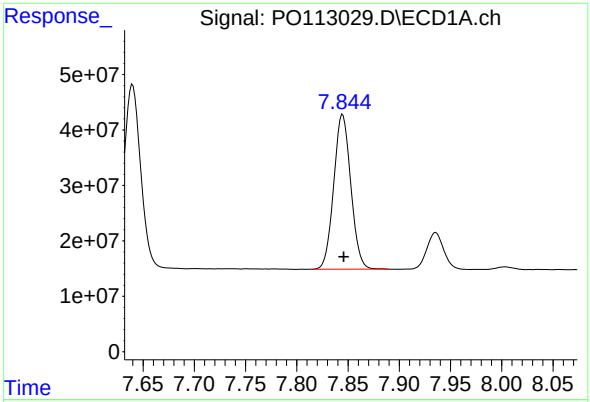

#42 AR-1268-2

R.T.: 7.640 min
Delta R.T.: -0.001 min
Response: 386944809
Conc: 255.05 ng/ml




#42 AR-1268-2

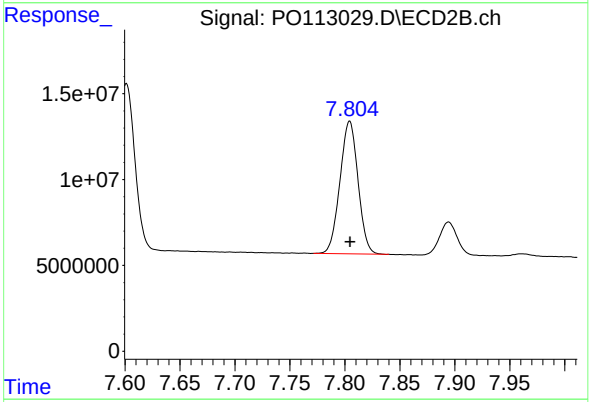
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 111508704
Conc: 258.31 ng/ml




#43 AR-1268-3

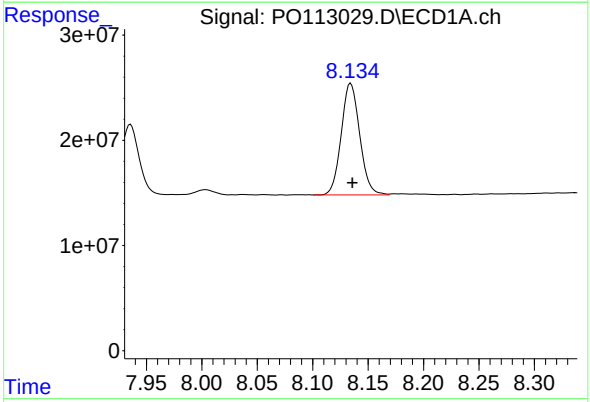
R.T.: 7.845 min
Delta R.T.: -0.001 min
Response: 322847089
Conc: 254.07 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC250



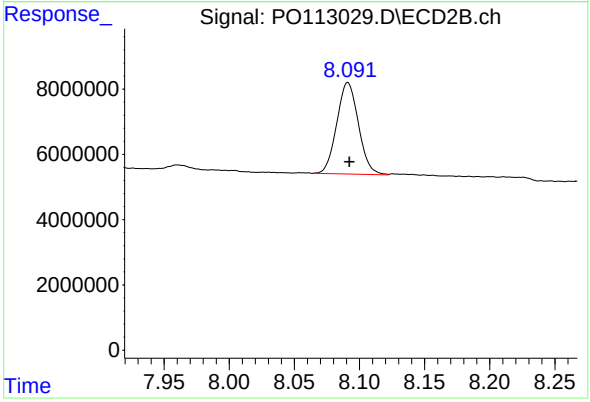

#43 AR-1268-3

R.T.: 7.804 min
Delta R.T.: 0.000 min
Response: 88262994
Conc: 260.00 ng/ml



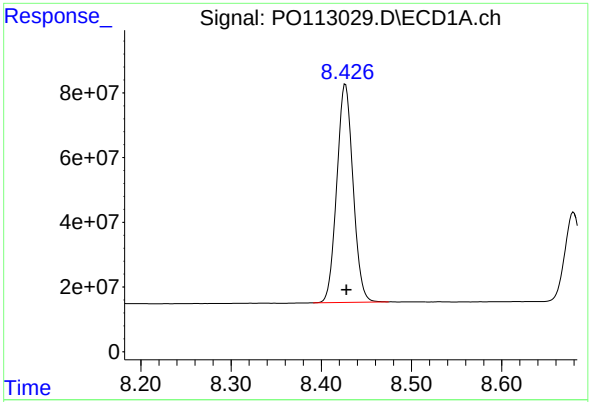

#44 AR-1268-4

R.T.: 8.134 min
Delta R.T.: -0.001 min
Response: 123261181
Conc: 258.59 ng/ml




#44 AR-1268-4

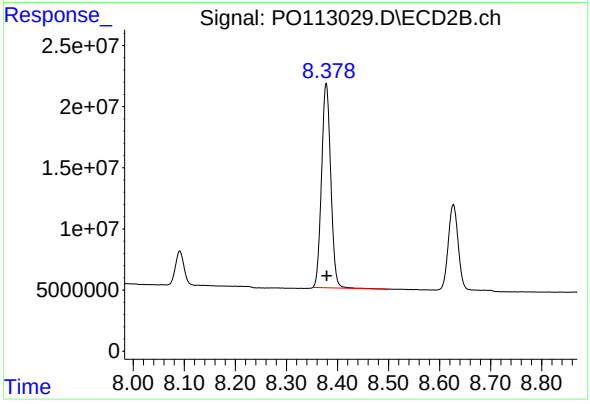
R.T.: 8.091 min
Delta R.T.: -0.001 min
Response: 32445037
Conc: 263.60 ng/ml




#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: -0.001 min
Response: 843443982
Conc: 251.66 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC250




#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: -0.001 min
Response: 208777784
Conc: 256.90 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:24
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:50:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 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... | 3.663 | 3.656 | 32740210 | 20644764 | 3.862 | 4.031 |
| 2) | SA Decachlor... | 8.681 | 8.627 | 55179728 | 14960600 | 3.963 | 4.165 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.575 | 7.535 | 71207184 | 23057642 | 39.474 | 43.554 |
| 42) | L9 AR-1268-2 | 7.641 | 7.600 | 60309550 | 18942723 | 39.752 | 43.882 |
| 43) | L9 AR-1268-3 | 7.845 | 7.803 | 49529084 | 14865130 | 38.977 | 43.790 |
| 44) | L9 AR-1268-4 | 8.136 | 8.091 | 18929121 | 5337454 | 39.711 | 43.364 |
| 45) | L9 AR-1268-5 | 8.426 | 8.378 | 127.1E6 | 33329844 | 37.916 | 41.012m |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:24
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

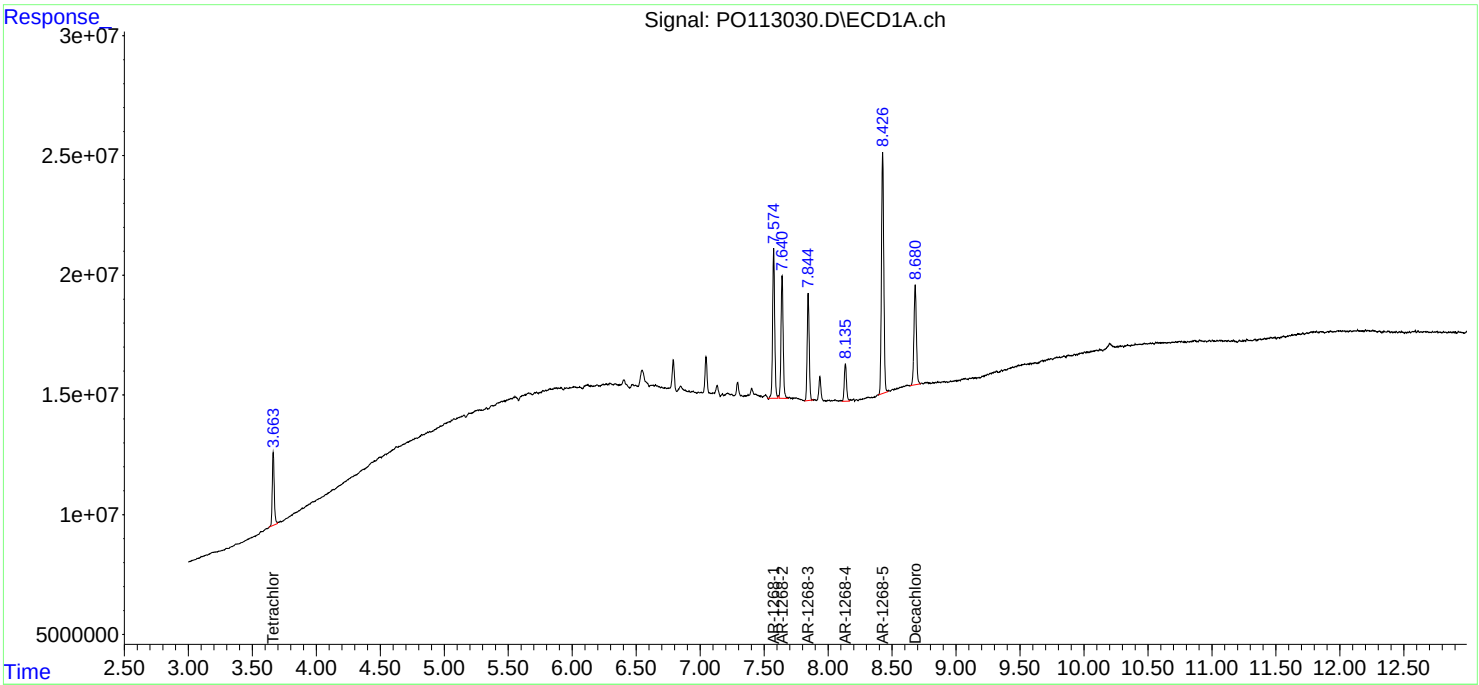
**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC050

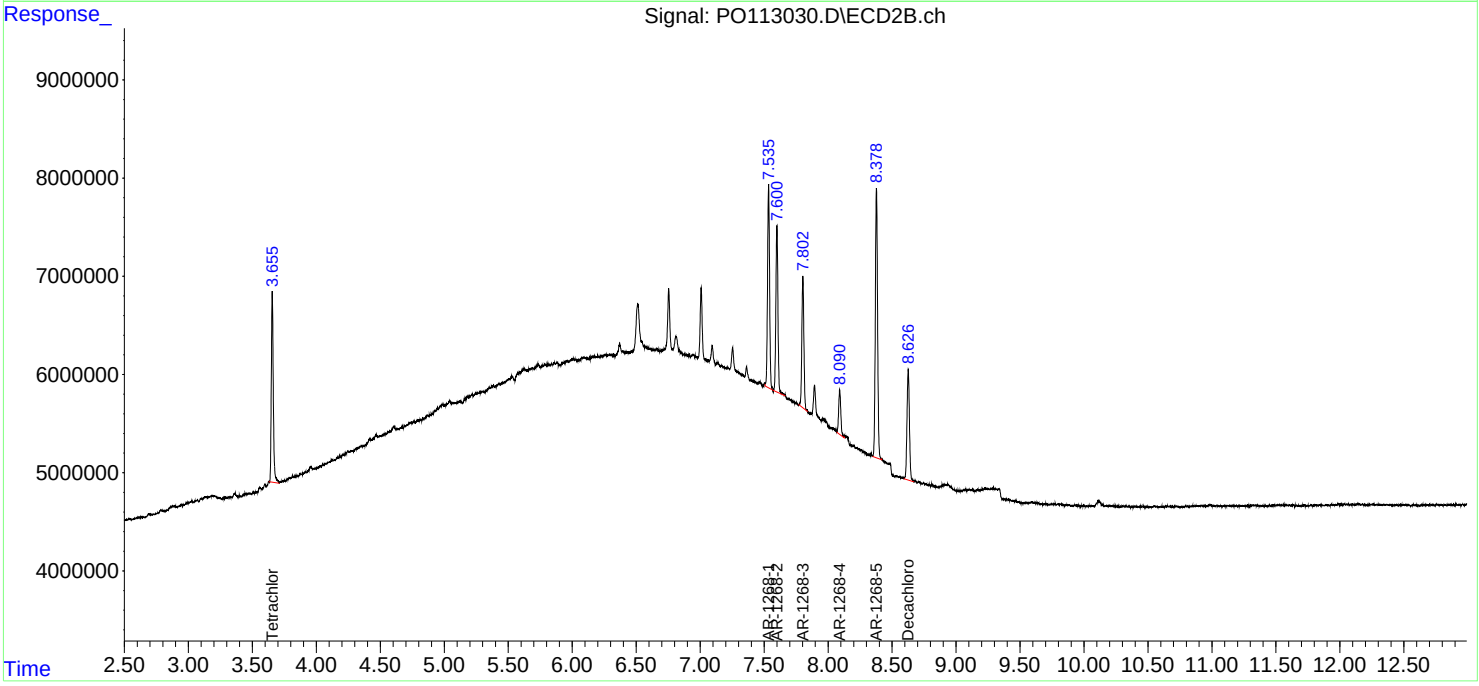
**Manual Integrations APPROVED**

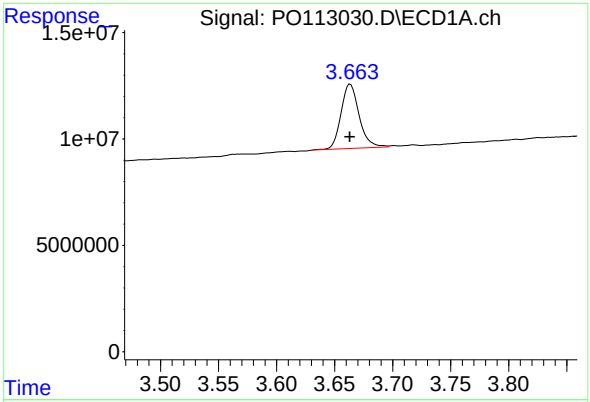
Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:50:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 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





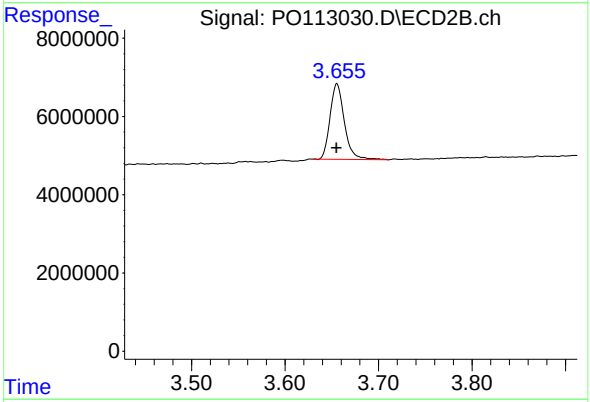

#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 32740210
Conc: 3.86 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC050

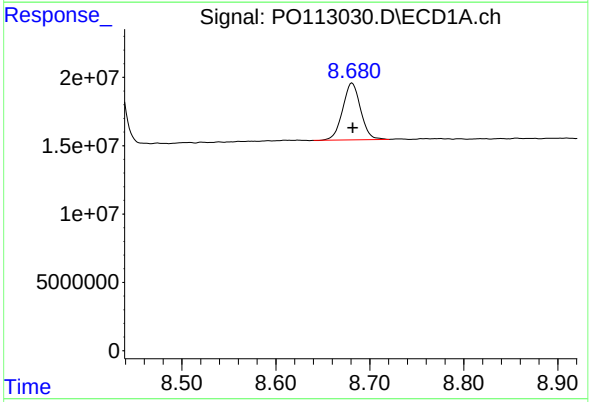
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



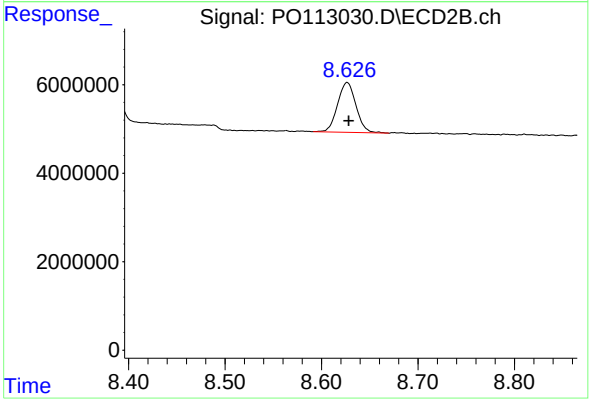

#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 20644764
Conc: 4.03 ng/ml



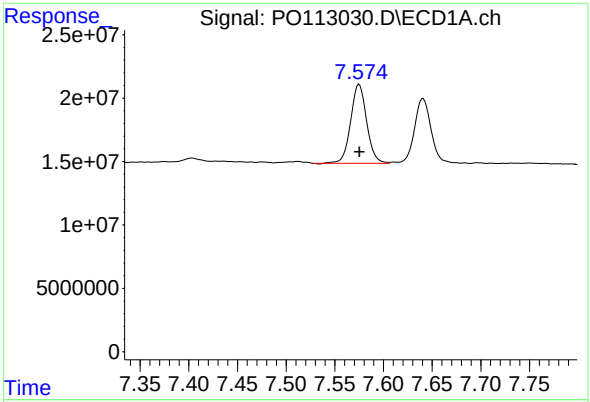

#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 55179728
Conc: 3.96 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 14960600
Conc: 4.16 ng/ml



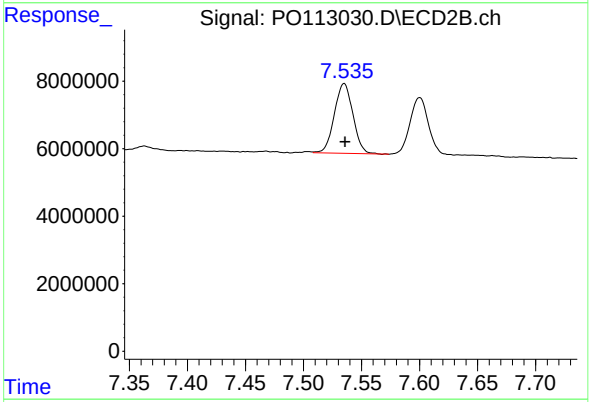

#41 AR-1268-1

R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 71207184
Conc: 39.47 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC050

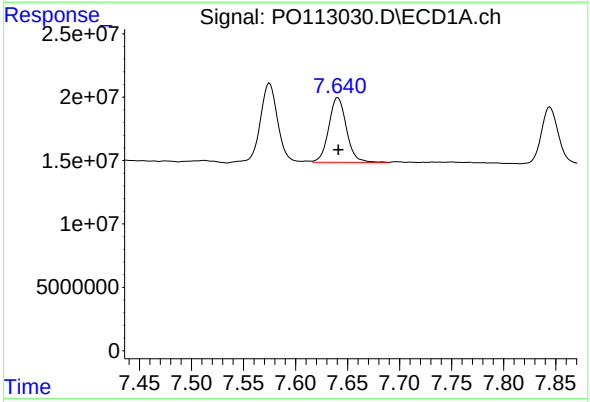
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



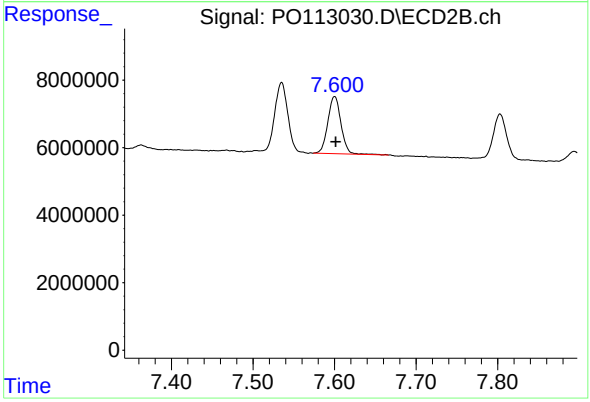

#41 AR-1268-1

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 23057642
Conc: 43.55 ng/ml



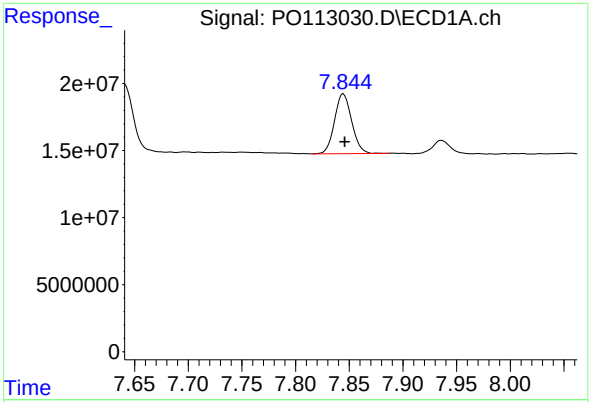

#42 AR-1268-2

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 60309550
Conc: 39.75 ng/ml




#42 AR-1268-2

R.T.: 7.600 min
Delta R.T.: -0.001 min
Response: 18942723
Conc: 43.88 ng/ml



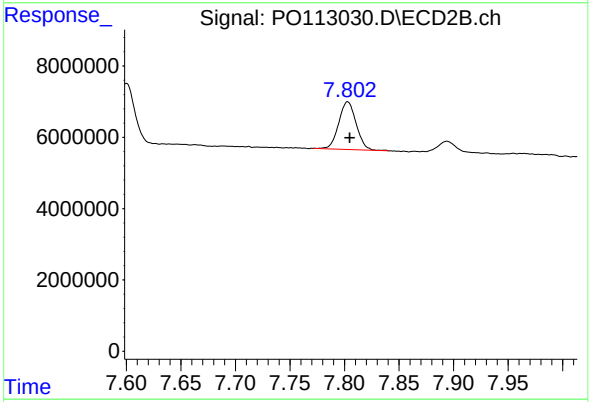

#43 AR-1268-3

R.T.: 7.845 min
Delta R.T.: -0.001 min
Response: 49529084
Conc: 38.98 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC050

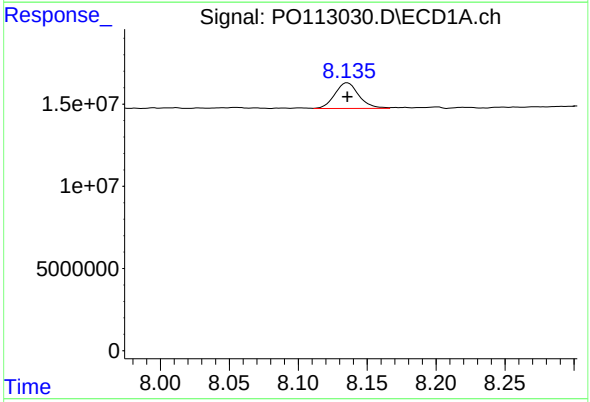
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



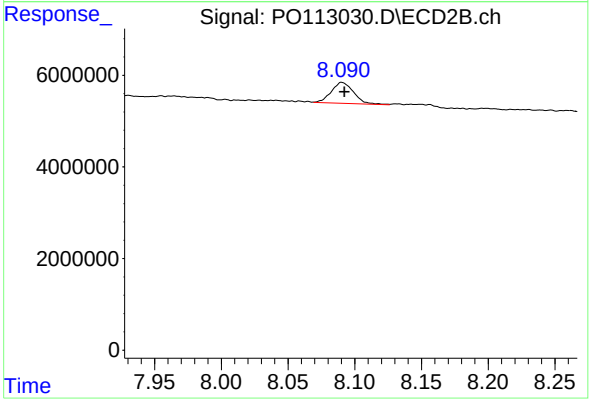

#43 AR-1268-3

R.T.: 7.803 min
Delta R.T.: -0.002 min
Response: 14865130
Conc: 43.79 ng/ml



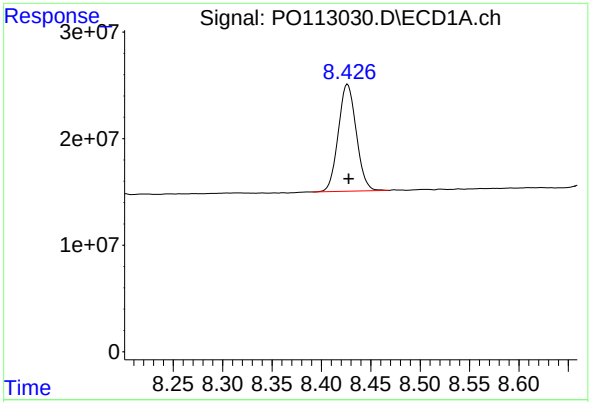

#44 AR-1268-4

R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 18929121
Conc: 39.71 ng/ml




#44 AR-1268-4

R.T.: 8.091 min
Delta R.T.: -0.002 min
Response: 5337454
Conc: 43.36 ng/ml



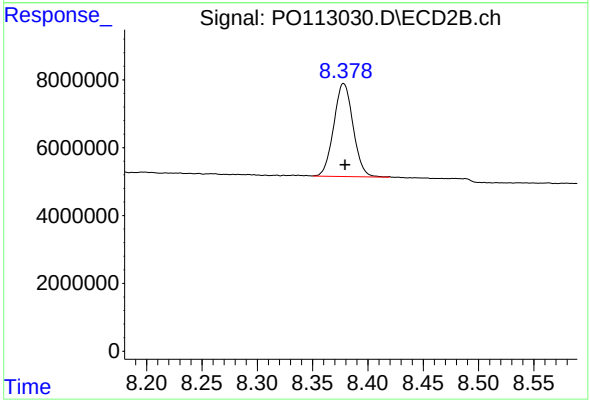

#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.001 min
Response: 127075085
Conc: 37.92 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025




#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: -0.002 min
Response: 33329844
Conc: 41.01 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:43
Operator : YP/AJ
Sample : PO081825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:12:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.664 | 3.656 | 421.2E6 | 257.1E6 | 51.444 | 50.806 |
| 2) | SA Decachlor... | 8.683 | 8.627 | 372.2E6 | 96647256 | 53.698 | 51.005 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.749 | 4.730 | 137.6E6 | 85391020 | 515.534 | 500.611 |
| 4) | L1 AR-1016-2 | 4.768 | 4.748 | 211.7E6 | 130.2E6 | 527.272 | 505.299 |
| 5) | L1 AR-1016-3 | 4.824 | 4.923 | 133.0E6 | 68472860 | 521.464 | 490.443 |
| 6) | L1 AR-1016-4 | 4.944 | 4.965 | 107.5E6 | 55300476 | 492.995 | 473.873 |
| 7) | L1 AR-1016-5 | 5.201 | 5.177 | 118.9E6 | 73202918 | 536.621 | 513.597 |
| 31) | L7 AR-1260-1 | 6.237 | 6.205 | 236.4E6 | 125.3E6 | 530.174 | 491.120 |
| 32) | L7 AR-1260-2 | 6.427 | 6.393 | 354.3E6 | 168.6E6 | 515.877 | 487.582 |
| 33) | L7 AR-1260-3 | 6.792 | 6.544 | 320.0E6 | 145.5E6 | 518.199 | 489.302 |
| 34) | L7 AR-1260-4 | 7.051 | 7.013 | 233.4E6 | 99741058 | 521.185 | 481.261 |
| 35) | L7 AR-1260-5 | 7.295 | 7.255 | 647.1E6 | 222.8E6 | 534.473 | 475.684 |

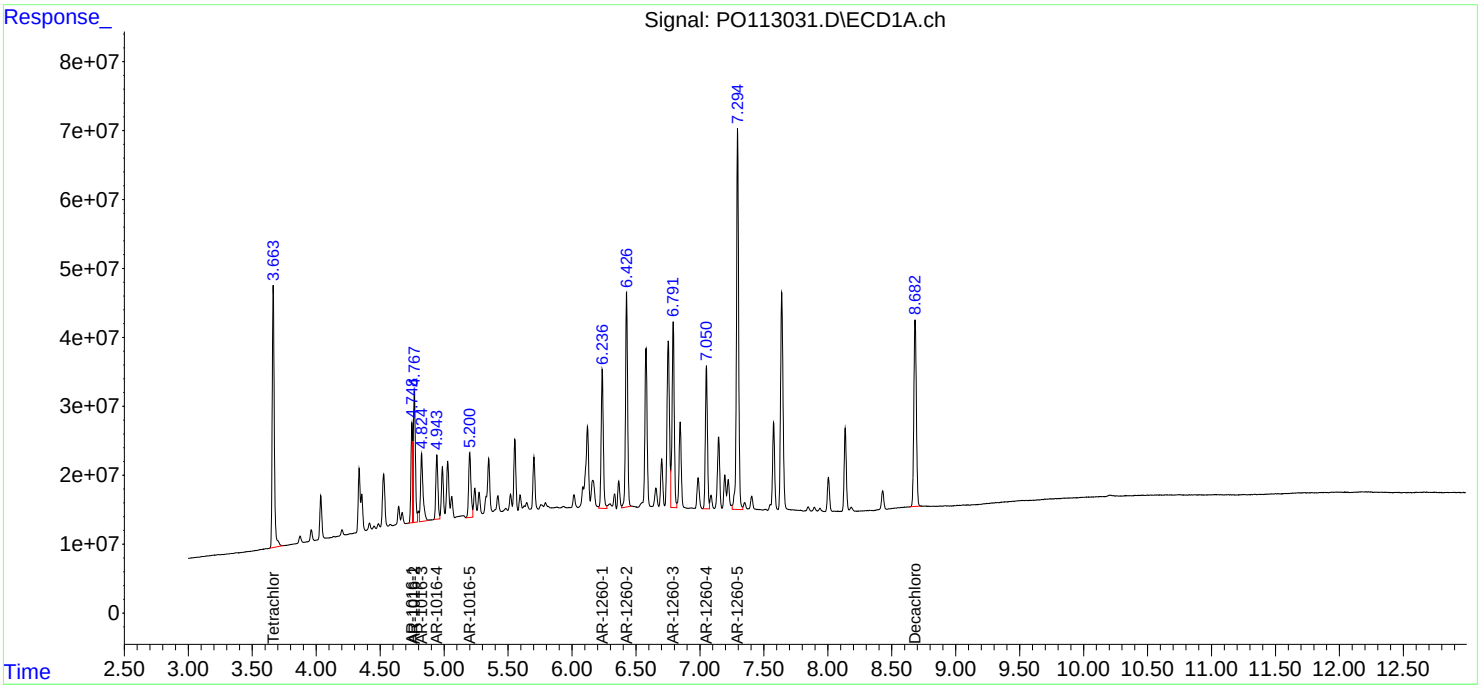
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

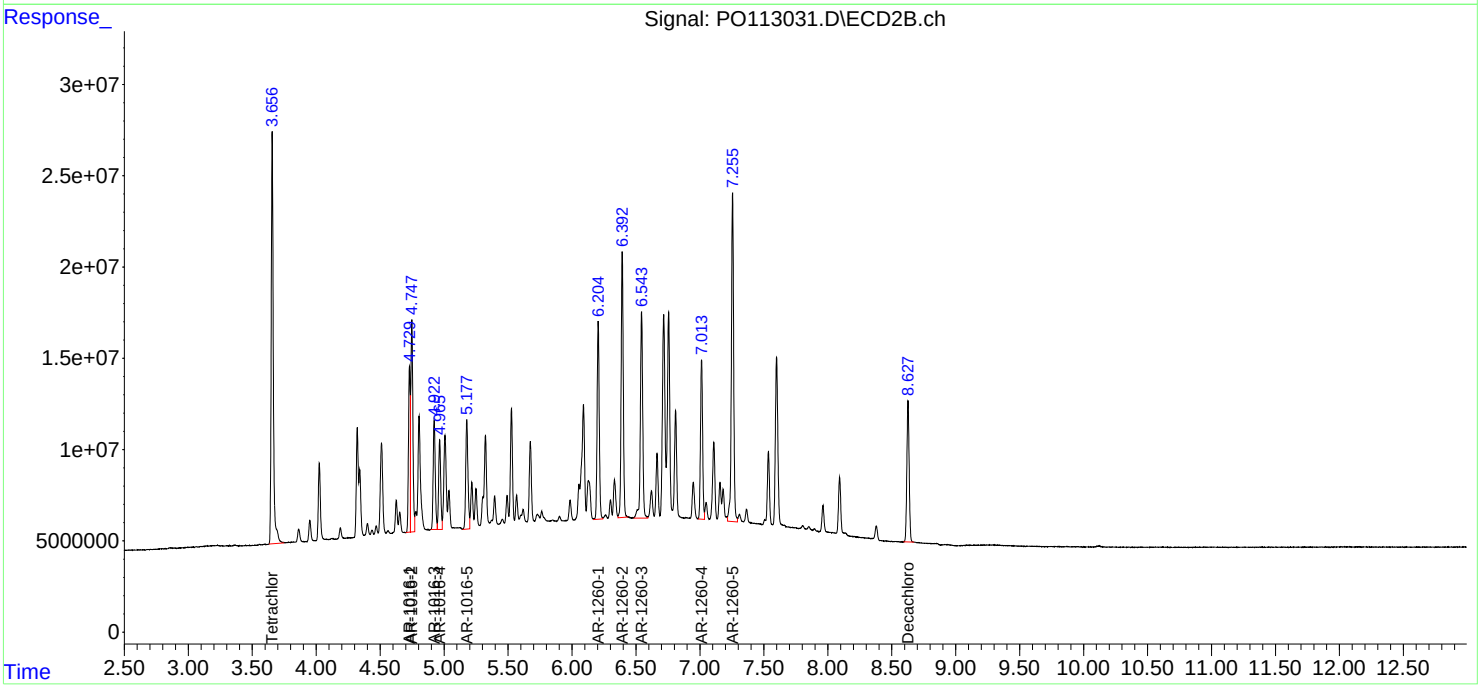
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:43
Operator : YP/AJ
Sample : PO081825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

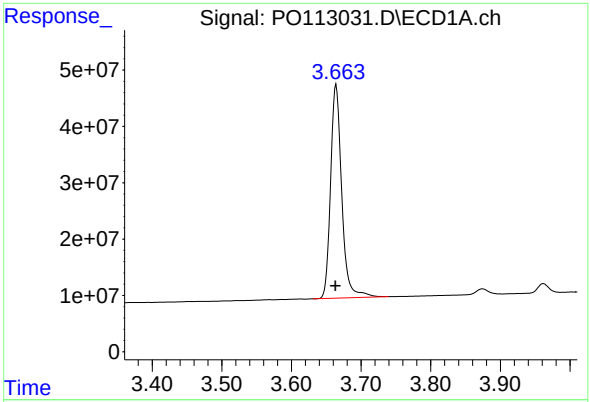
**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:12:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



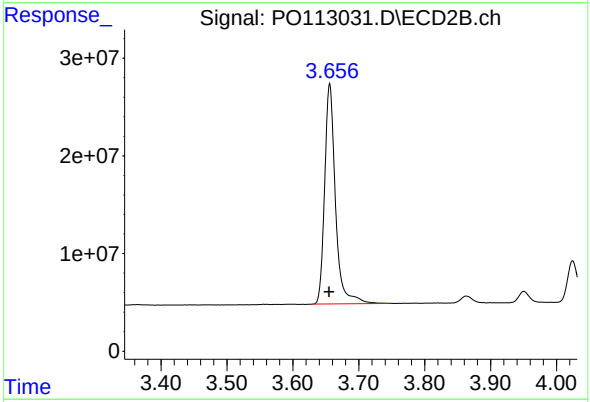






#1 Tetrachloro-m-xylene

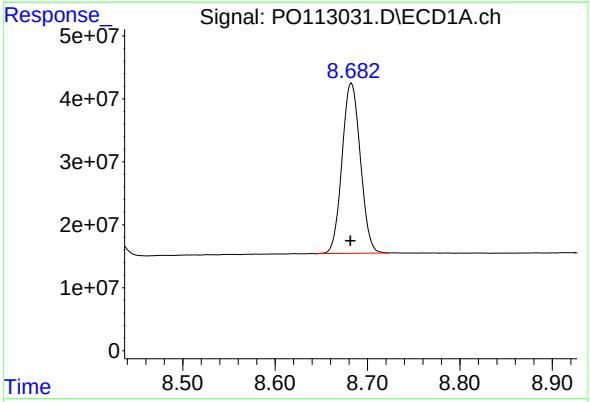
R.T.: 3.664 min
Delta R.T.: 0.001 min
Response: 421154022
Conc: 51.44 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825



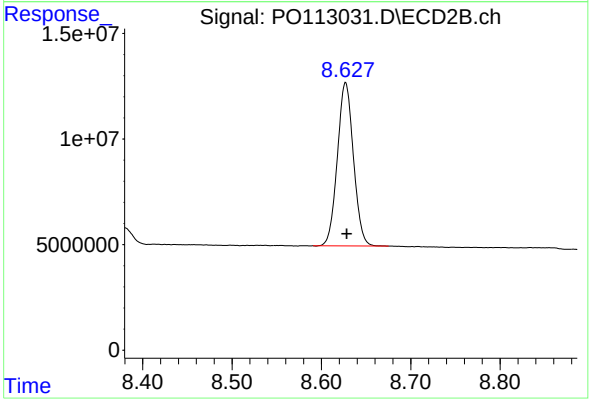

#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.001 min
Response: 257112662
Conc: 50.81 ng/ml



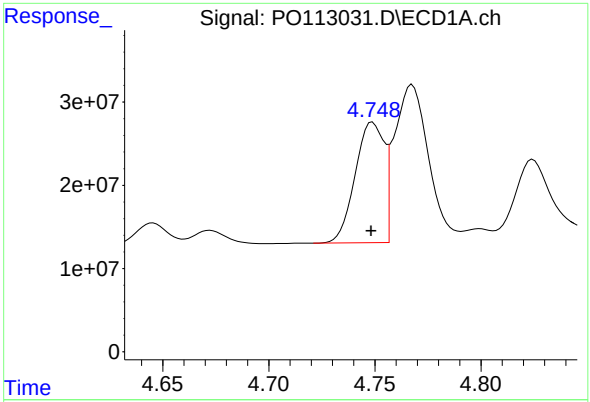

#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.001 min
Response: 372207788
Conc: 53.70 ng/ml




#2 Decachlorobiphenyl

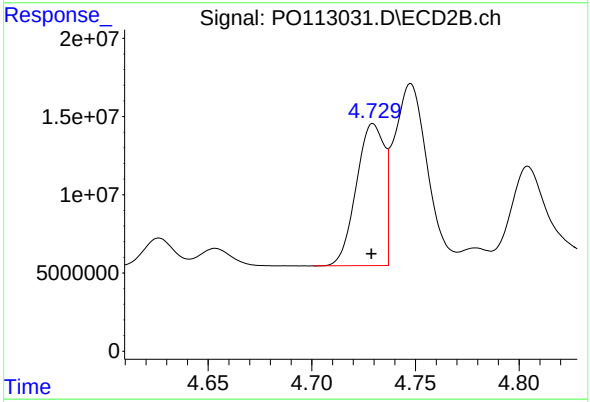
R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 96647256
Conc: 51.01 ng/ml




#3 AR-1016-1

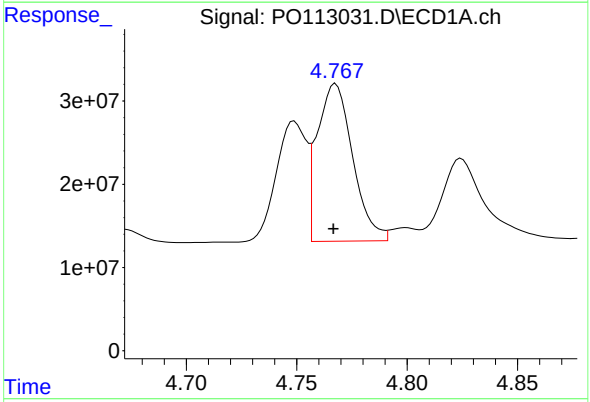
R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 137639689
Conc: 515.53 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825



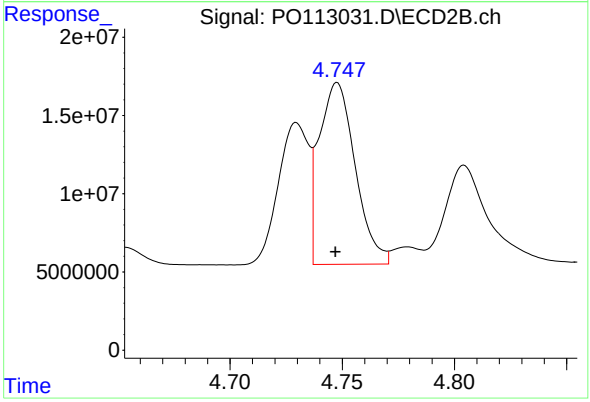

#3 AR-1016-1

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 85391020
Conc: 500.61 ng/ml



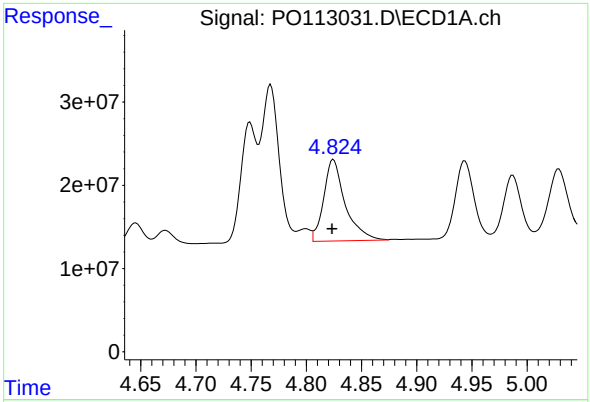

#4 AR-1016-2

R.T.: 4.768 min
Delta R.T.: 0.001 min
Response: 211663540
Conc: 527.27 ng/ml




#4 AR-1016-2

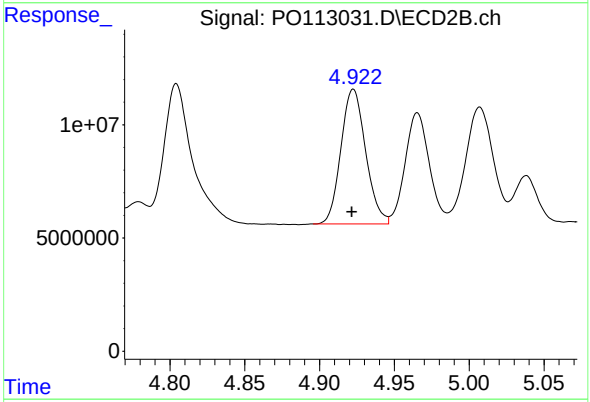
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 130193385
Conc: 505.30 ng/ml




#5 AR-1016-3

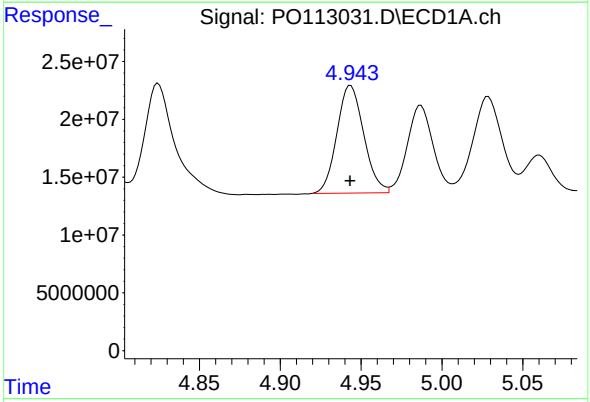
R.T.: 4.824 min
Delta R.T.: 0.001 min
Response: 132985108
Conc: 521.46 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825



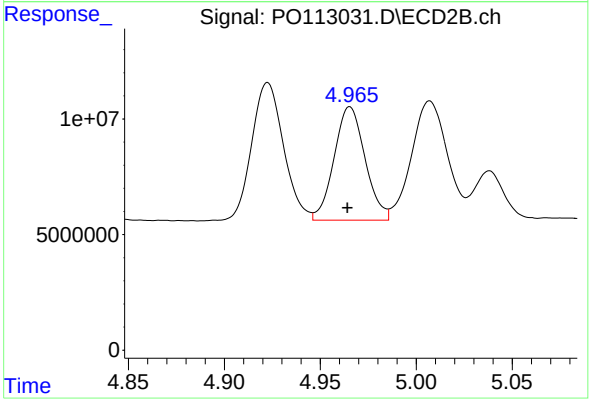

#5 AR-1016-3

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 68472860
Conc: 490.44 ng/ml



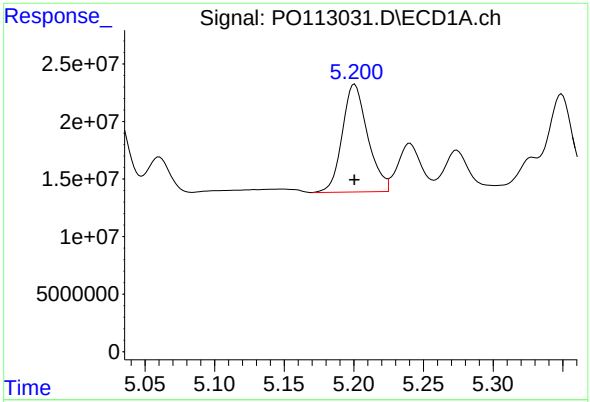

#6 AR-1016-4

R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 107506485
Conc: 493.00 ng/ml




#6 AR-1016-4

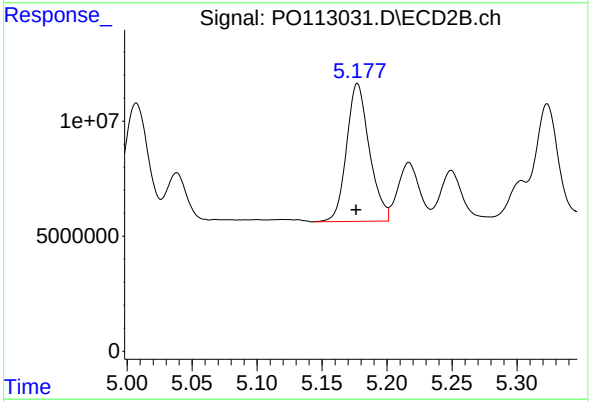
R.T.: 4.965 min
Delta R.T.: 0.001 min
Response: 55300476
Conc: 473.87 ng/ml




#7 AR-1016-5

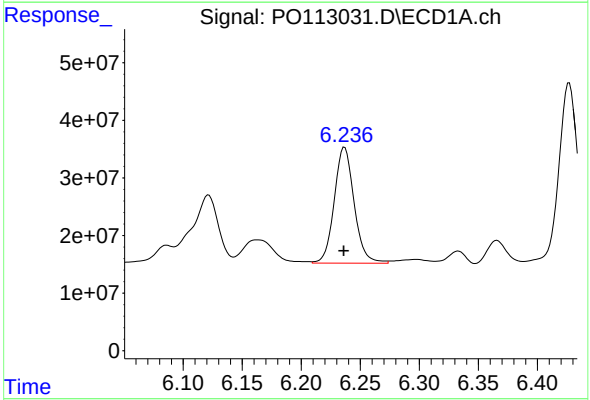
R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 118930266
Conc: 536.62 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825



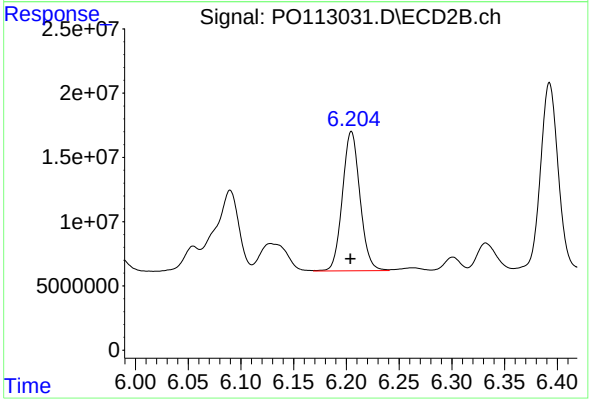

#7 AR-1016-5

R.T.: 5.177 min
Delta R.T.: 0.001 min
Response: 73202918
Conc: 513.60 ng/ml



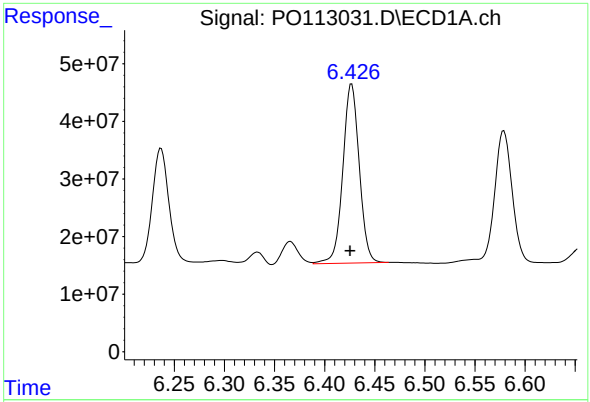

#31 AR-1260-1

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 236447246
Conc: 530.17 ng/ml




#31 AR-1260-1

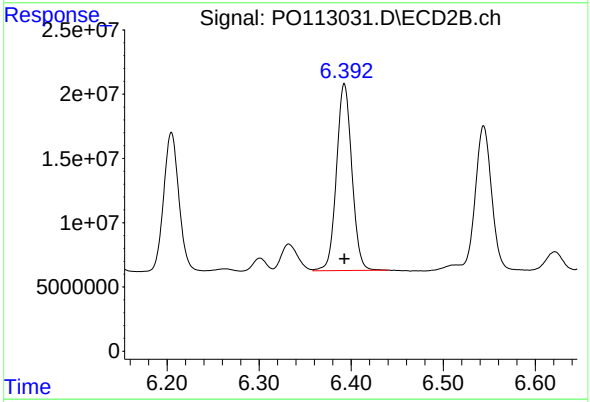
R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 125269399
Conc: 491.12 ng/ml




#32 AR-1260-2

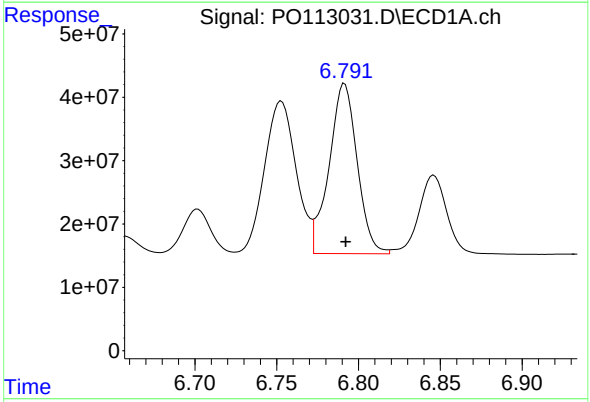
R.T.: 6.427 min
Delta R.T.: 0.001 min
Response: 354263821
Conc: 515.88 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825



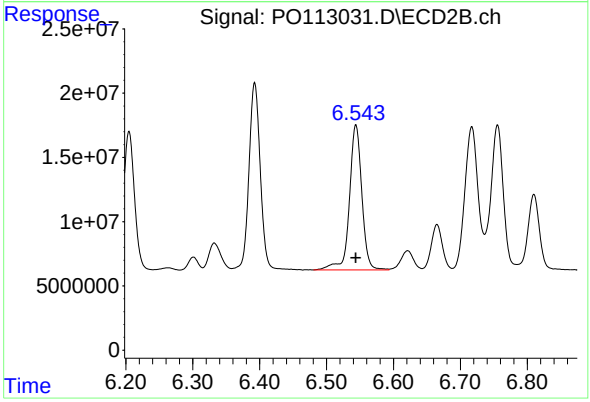

#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 168563000
Conc: 487.58 ng/ml



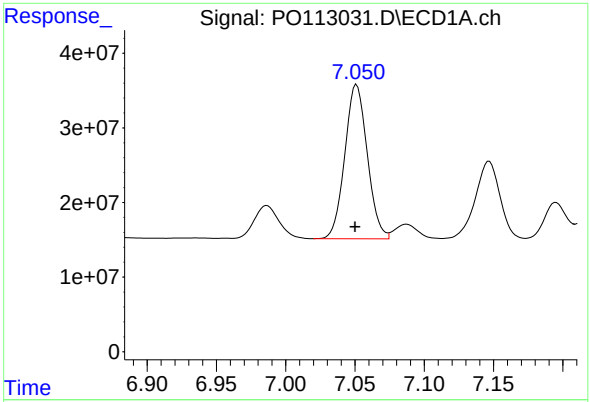

#33 AR-1260-3

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 319974358
Conc: 518.20 ng/ml




#33 AR-1260-3

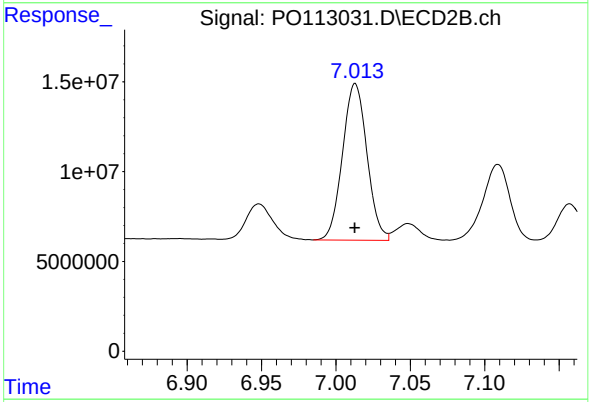
R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 145534823
Conc: 489.30 ng/ml




#34 AR-1260-4

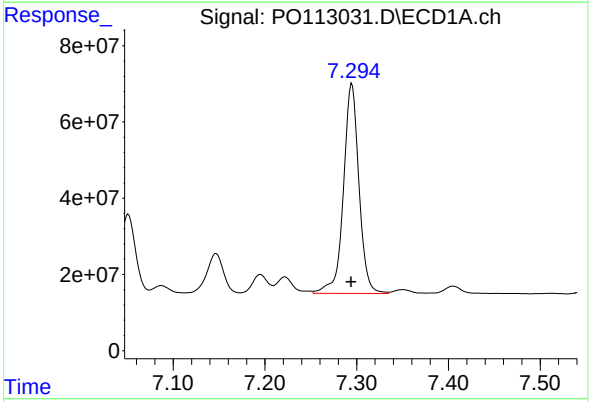
R.T.: 7.051 min
Delta R.T.: 0.001 min
Response: 233425397
Conc: 521.18 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825



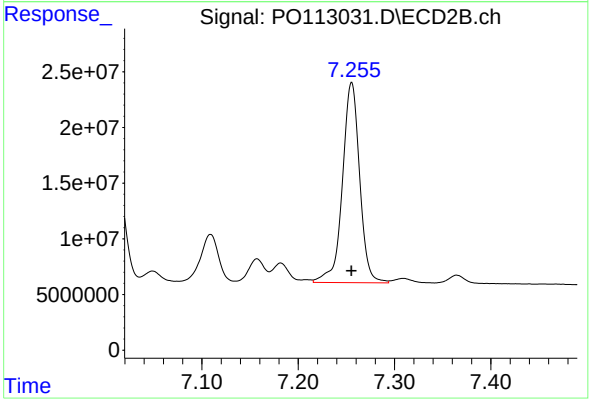

#34 AR-1260-4

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 99741058
Conc: 481.26 ng/ml




#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 647078447
Conc: 534.47 ng/ml




#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 222824365
Conc: 475.68 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:37
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:20:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.664 | 3.656 | 429.6E6 | 262.9E6 | 52.476 | 51.959 |
| 2) | SA Decachlor... | 8.682 | 8.627 | 379.6E6 | 100.8E6 | 54.772 | 53.212 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.750 | 4.730 | 118.2E6 | 75544744 | 513.948 | 522.785 |
| 17) | L4 AR-1242-2 | 4.767 | 4.748 | 180.5E6 | 112.1E6 | 525.410 | 516.997 |
| 18) | L4 AR-1242-3 | 4.825 | 4.923 | 114.2E6 | 58830110 | 514.501 | 502.975 |
| 19) | L4 AR-1242-4 | 4.944 | 5.008 | 91221670 | 57727565 | 525.886 | 490.725 |
| 20) | L4 AR-1242-5 | 5.594 | 5.526 | 103.3E6 | 75933701 | 515.841 | 509.168 |

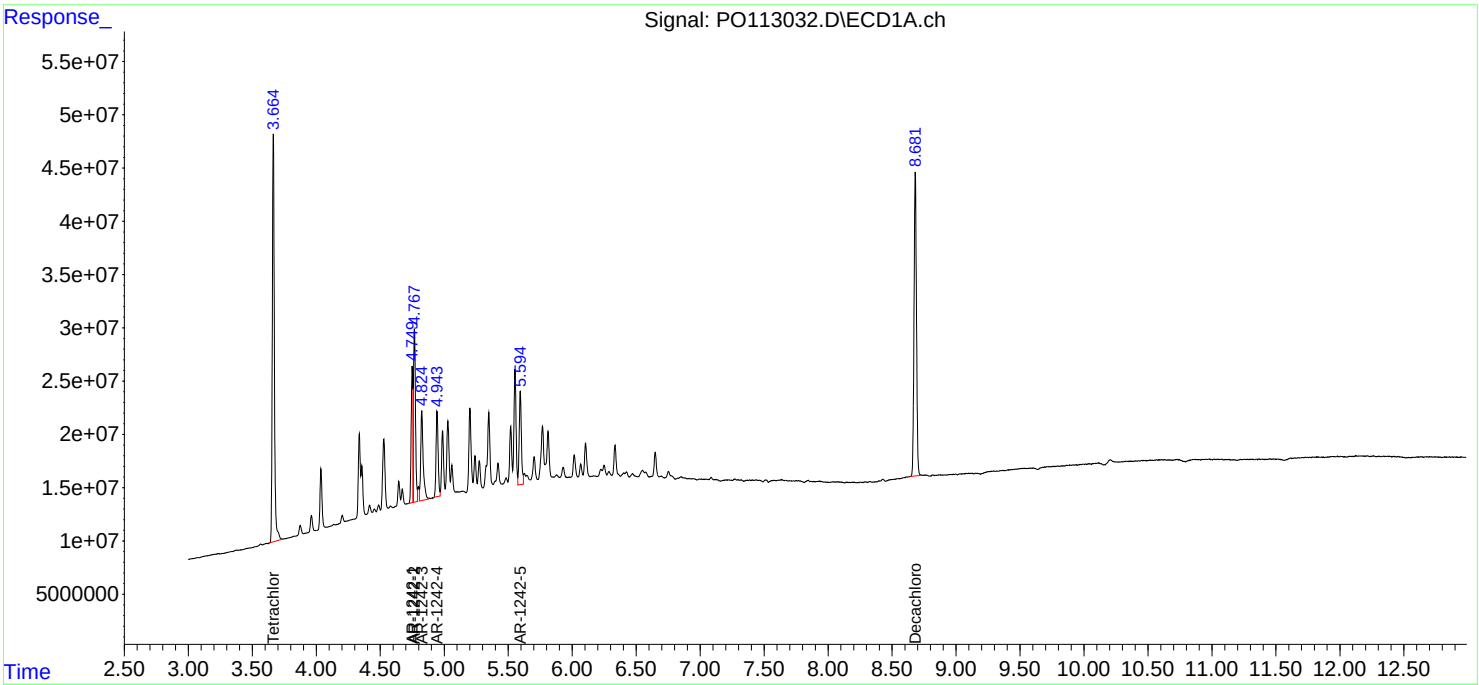
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

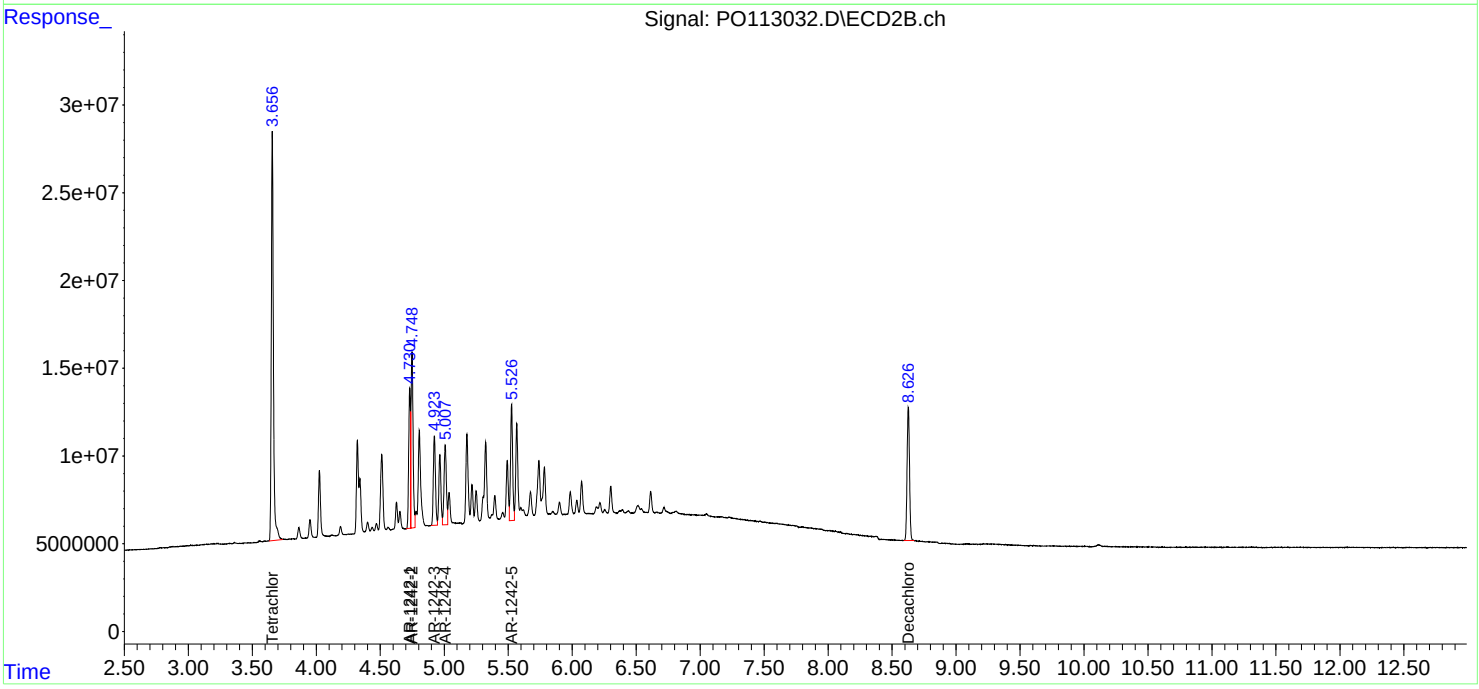
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:37
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

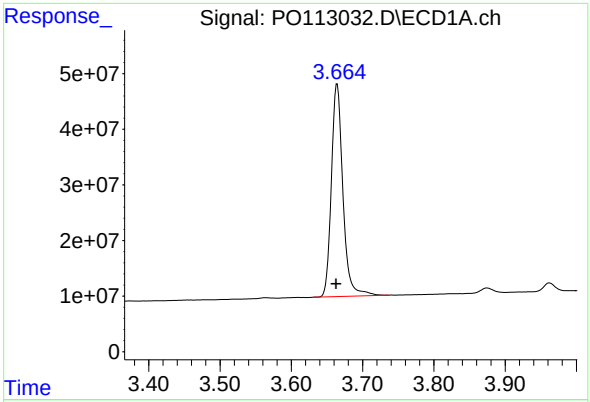
**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:20:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



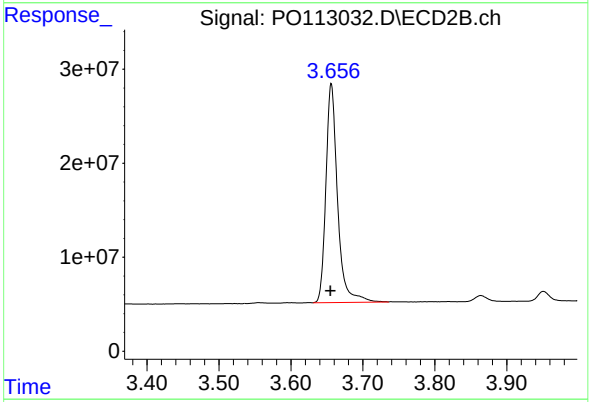






#1 Tetrachloro-m-xylene

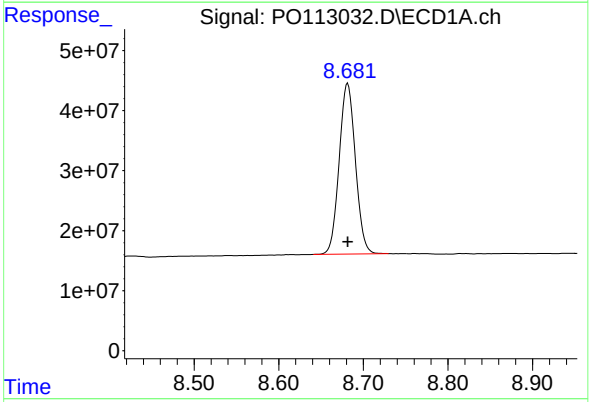
R.T.: 3.664 min
Delta R.T.: 0.001 min
Response: 429595535
Conc: 52.48 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1242



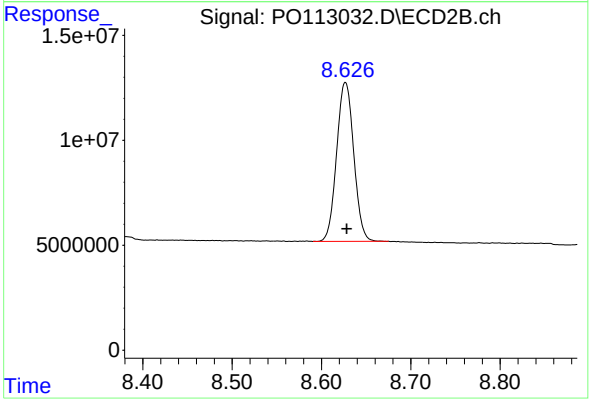

#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.001 min
Response: 262944810
Conc: 51.96 ng/ml



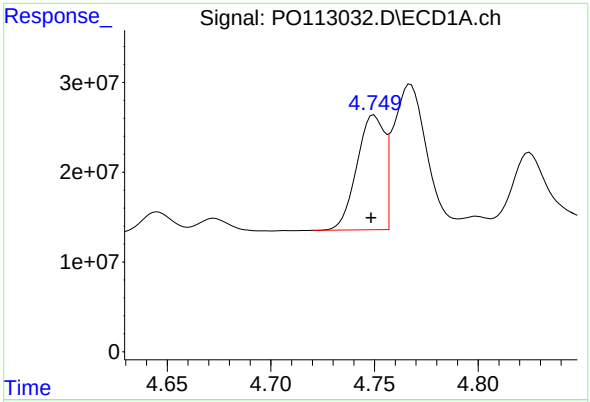

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 379648194
Conc: 54.77 ng/ml




#2 Decachlorobiphenyl

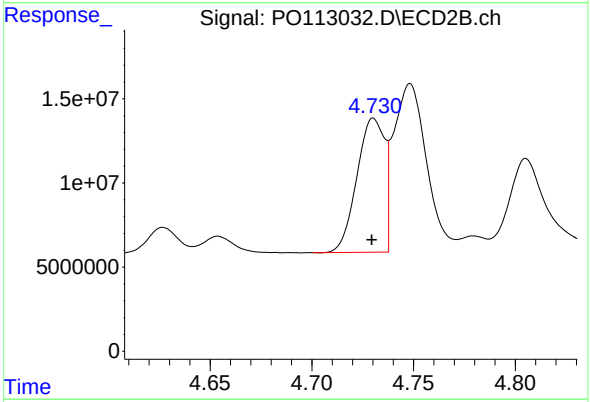
R.T.: 8.627 min
Delta R.T.: -0.002 min
Response: 100827827
Conc: 53.21 ng/ml




#16 AR-1242-1

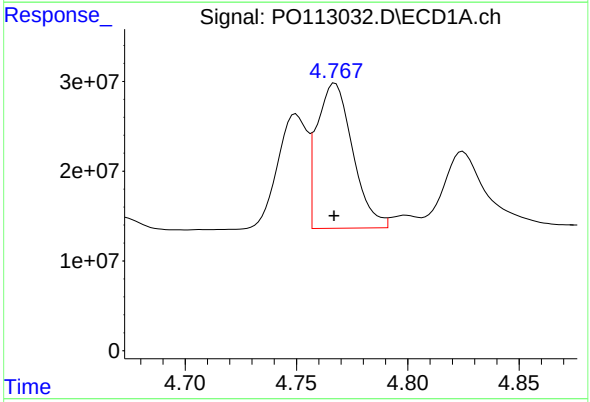
R.T.: 4.750 min
Delta R.T.: 0.001 min
Response: 118173090
Conc: 513.95 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1242



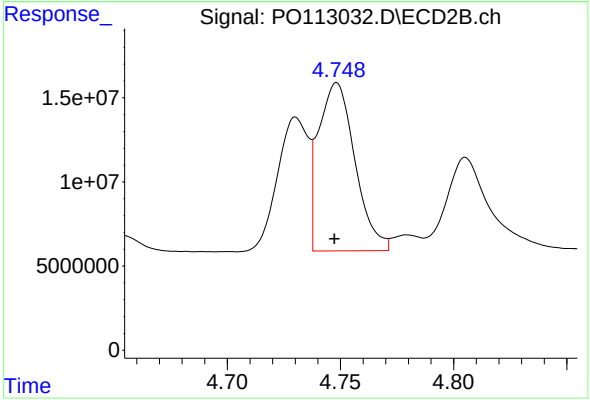

#16 AR-1242-1

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 75544744
Conc: 522.79 ng/ml



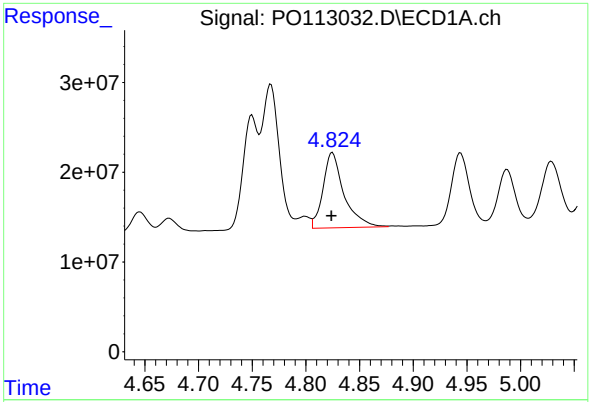

#17 AR-1242-2

R.T.: 4.767 min
Delta R.T.: 0.000 min
Response: 180544145
Conc: 525.41 ng/ml




#17 AR-1242-2

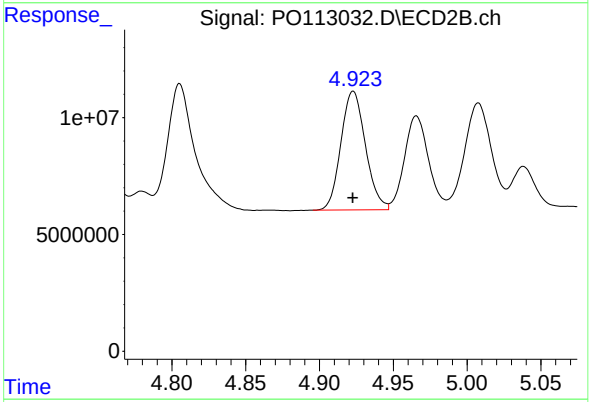
R.T.: 4.748 min
Delta R.T.: 0.001 min
Response: 112142400
Conc: 517.00 ng/ml




#18 AR-1242-3

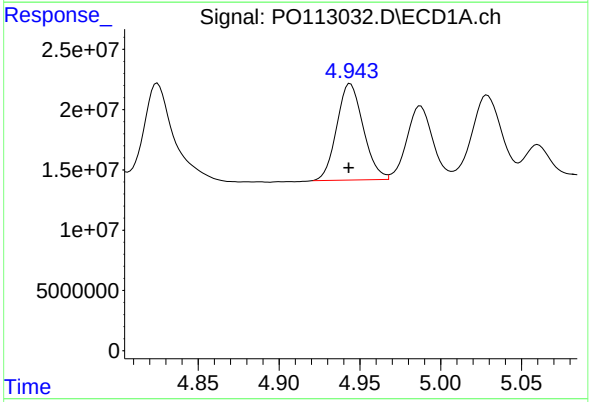
R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 114159730
Conc: 514.50 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1242



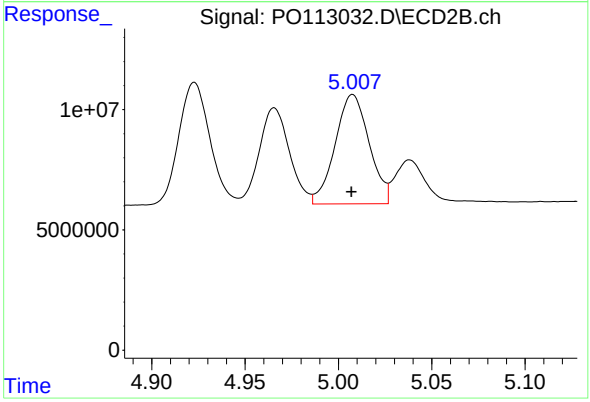

#18 AR-1242-3

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 58830110
Conc: 502.97 ng/ml



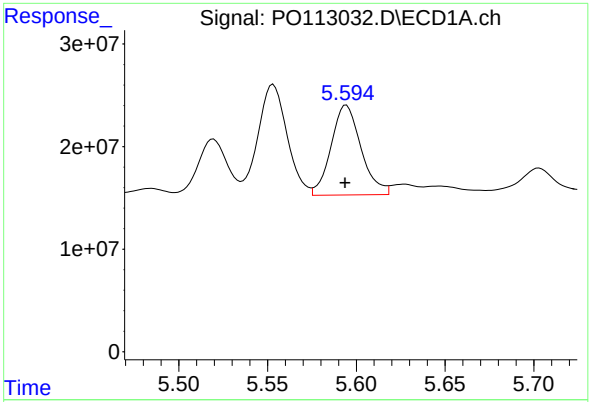

#19 AR-1242-4

R.T.: 4.944 min
Delta R.T.: 0.001 min
Response: 91221670
Conc: 525.89 ng/ml




#19 AR-1242-4

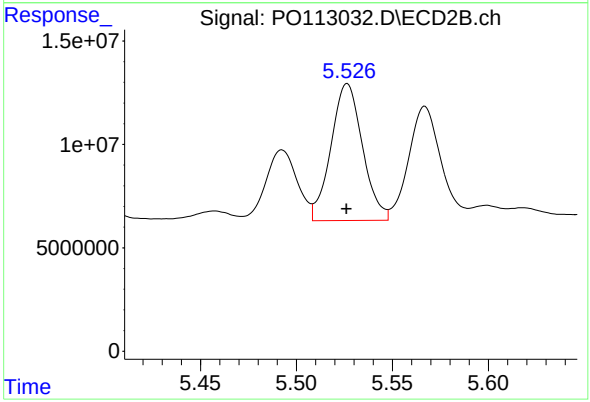
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 57727565
Conc: 490.72 ng/ml




#20 AR-1242-5

R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 103251947
Conc: 515.84 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1242




#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 75933701
Conc: 509.17 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:54
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:13:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.662 | 3.656 | 399.7E6 | 241.4E6 | 48.828 | 47.707 |
| 2) | SA Decachlor... | 8.680 | 8.627 | 370.4E6 | 97965710 | 53.439 | 51.701 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.746 | 4.729 | 85766360 | 54333412 | 491.593 | 487.243 |
| 22) | L5 AR-1248-2 | 4.984 | 4.965 | 115.6E6 | 76798982 | 478.136 | 477.906 |
| 23) | L5 AR-1248-3 | 5.198 | 5.006 | 150.7E6 | 80662868 | 472.629 | 475.436 |
| 24) | L5 AR-1248-4 | 5.551 | 5.177 | 233.0E6 | 95159179 | 466.303 | 477.659 |
| 25) | L5 AR-1248-5 | 5.592 | 5.566 | 156.4E6 | 99002926 | 457.862 | 466.343 |

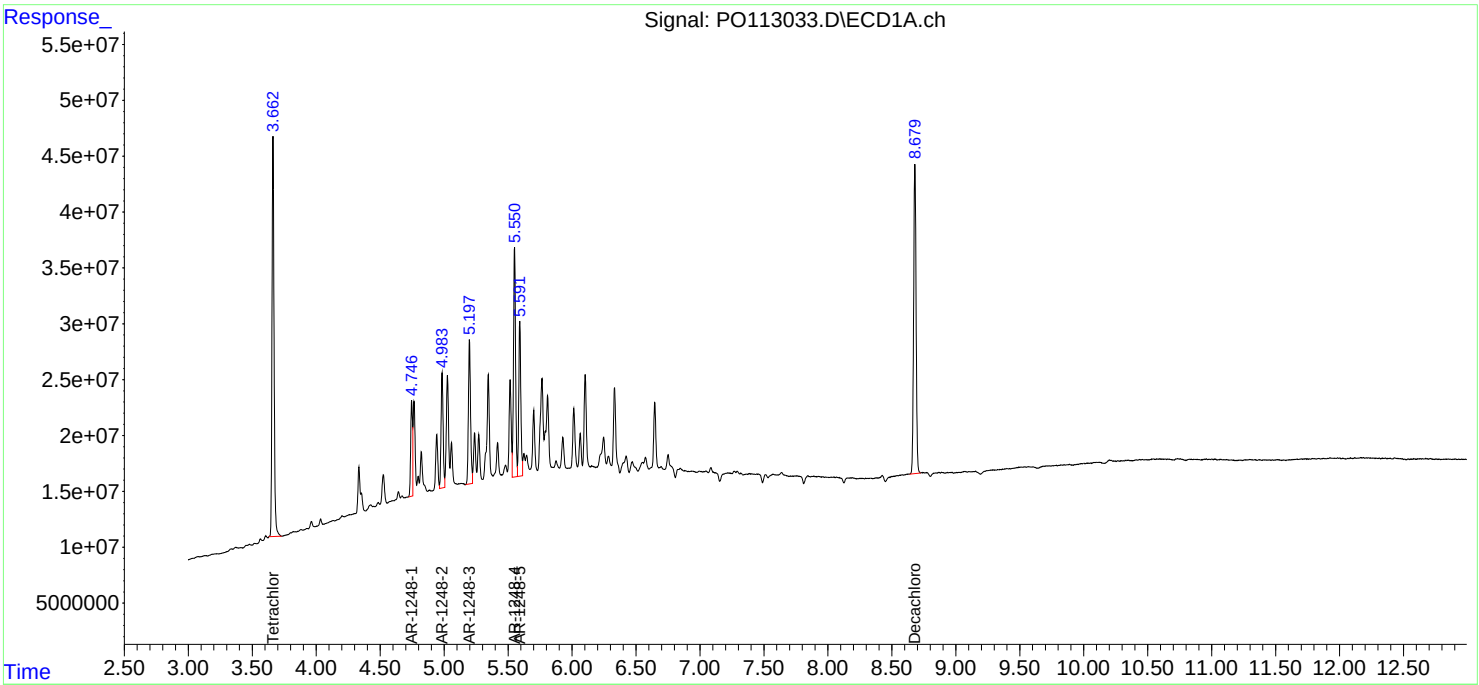
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

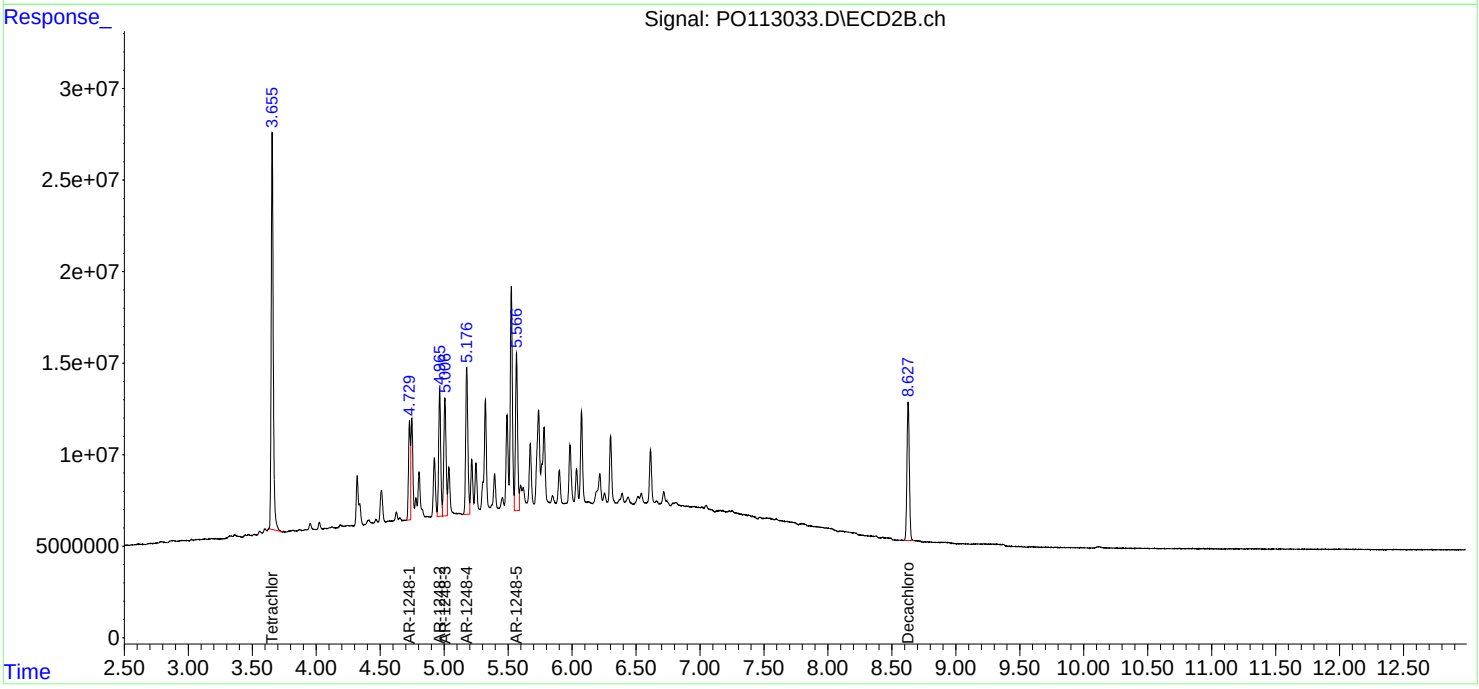
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:54
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

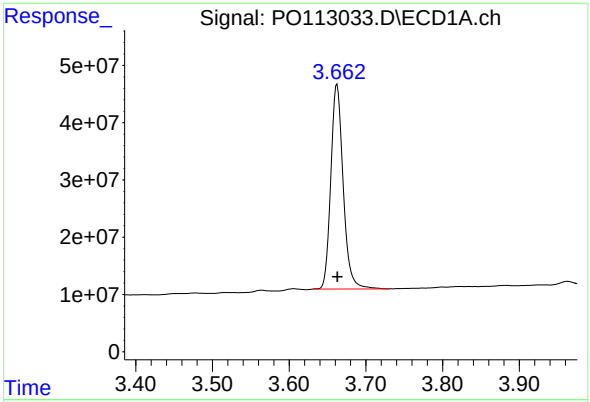
**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:13:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



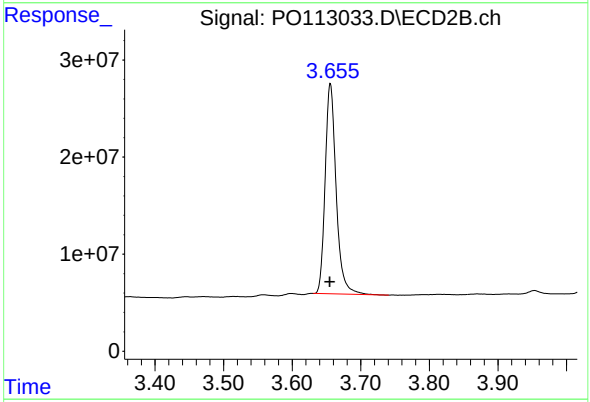






#1 Tetrachloro-m-xylene

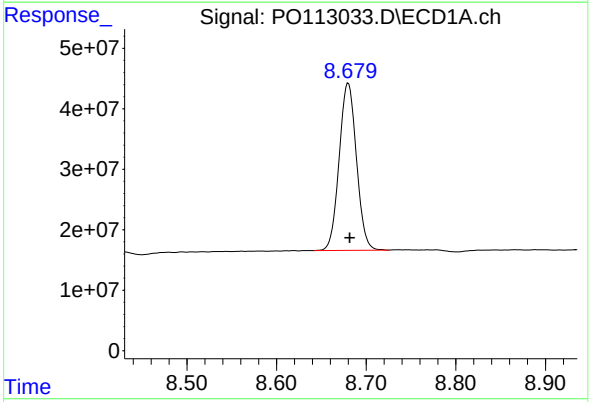
R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 399735073
Conc: 48.83 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1248



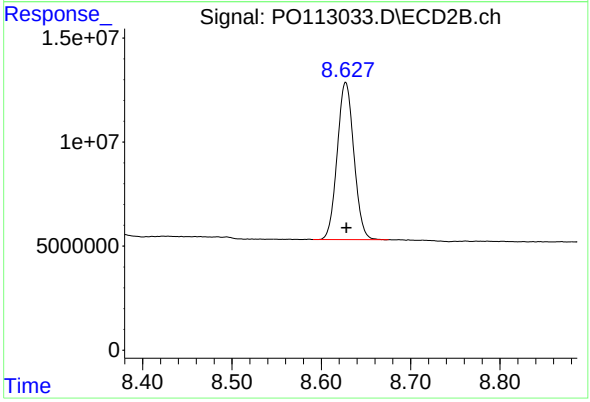

#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 241430930
Conc: 47.71 ng/ml



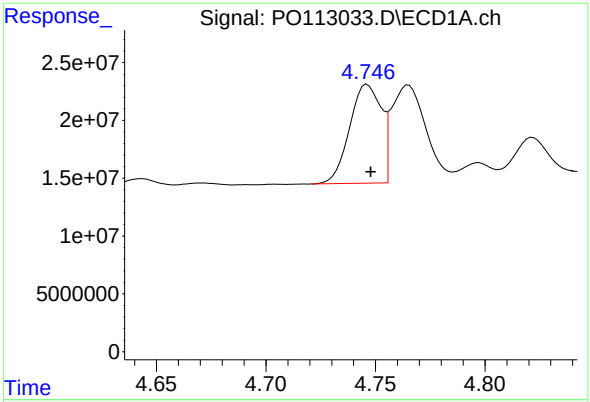

#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: -0.001 min
Response: 370405743
Conc: 53.44 ng/ml




#2 Decachlorobiphenyl

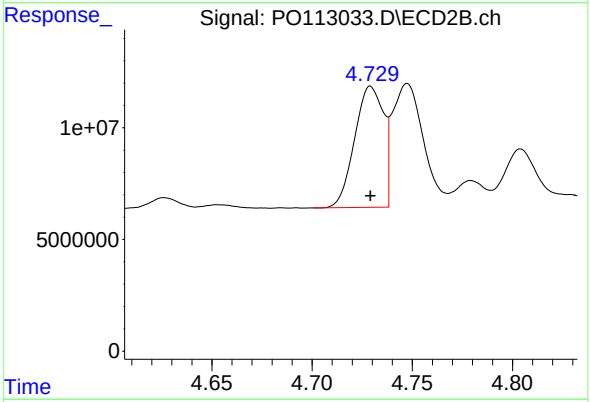
R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 97965710
Conc: 51.70 ng/ml




#21 AR-1248-1

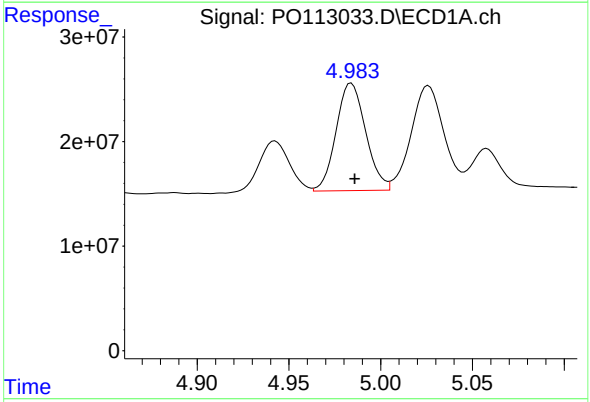
R.T.: 4.746 min
Delta R.T.: -0.002 min
Response: 85766360
Conc: 491.59 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1248



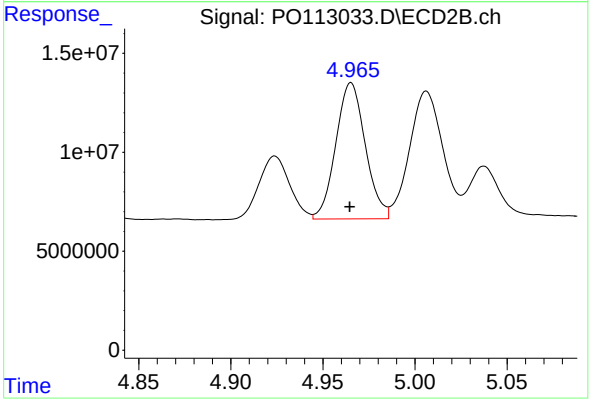

#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 54333412
Conc: 487.24 ng/ml



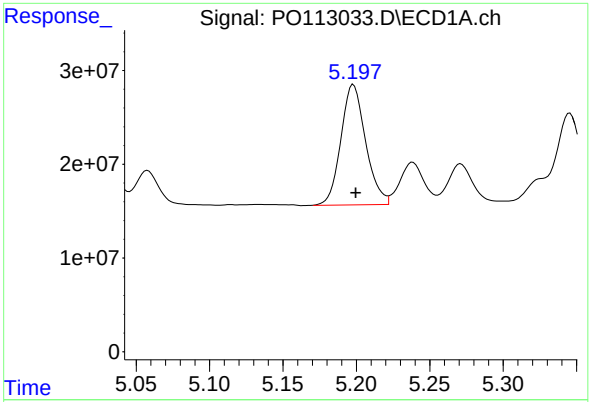

#22 AR-1248-2

R.T.: 4.984 min
Delta R.T.: -0.002 min
Response: 115644616
Conc: 478.14 ng/ml




#22 AR-1248-2

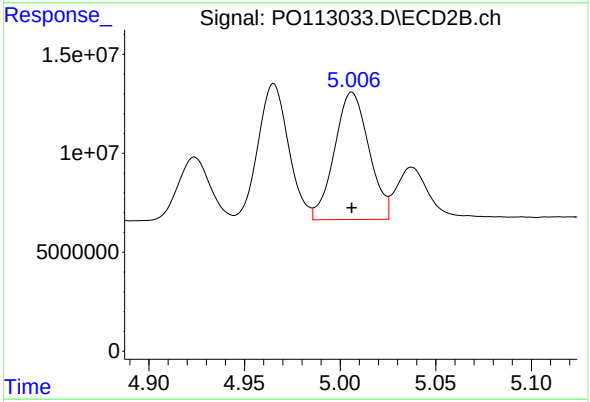
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 76798982
Conc: 477.91 ng/ml




#23 AR-1248-3

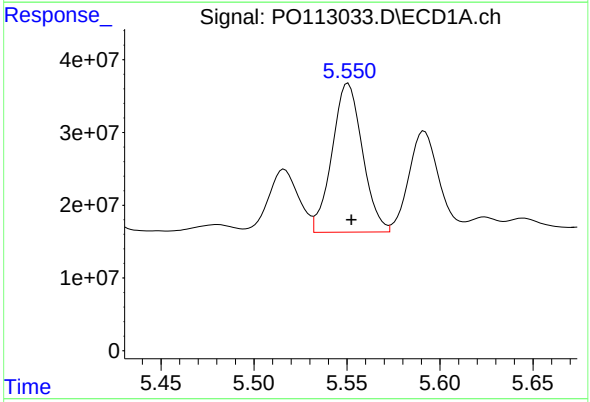
R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 150704340
Conc: 472.63 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1248



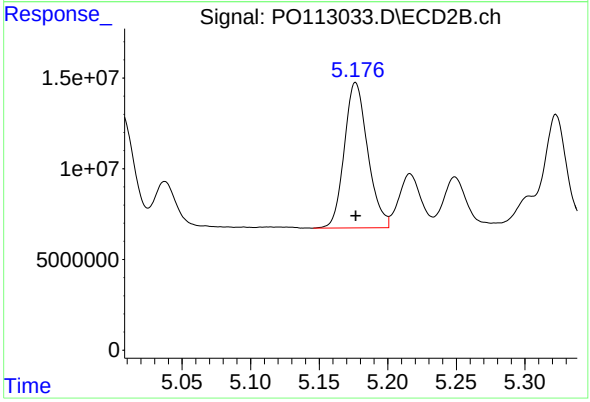

#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 80662868
Conc: 475.44 ng/ml



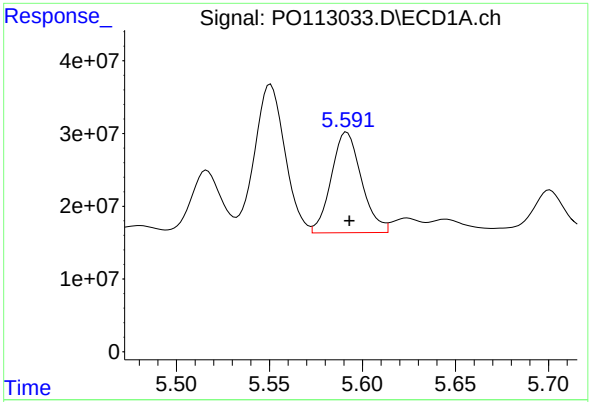

#24 AR-1248-4

R.T.: 5.551 min
Delta R.T.: -0.002 min
Response: 232967294
Conc: 466.30 ng/ml




#24 AR-1248-4

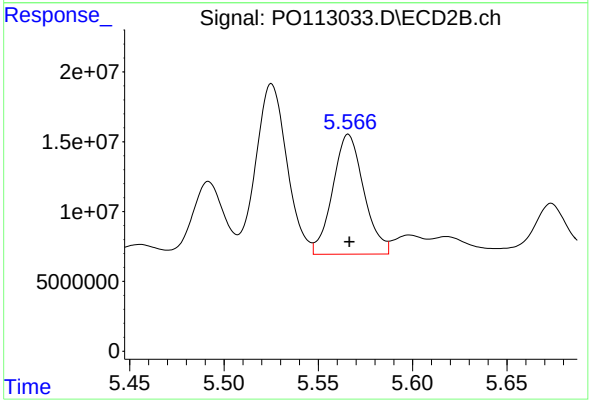
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 95159179
Conc: 477.66 ng/ml




#25 AR-1248-5

R.T.: 5.592 min
Delta R.T.: -0.001 min
Response: 156355918
Conc: 457.86 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1248




#25 AR-1248-5

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 99002926
Conc: 466.34 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 20:31
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:13:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.663 | 3.655 | 409.6E6 | 249.7E6 | 50.035 | 49.347 |
| 2) | SA Decachlor... | 8.681 | 8.628 | 369.2E6 | 98078894 | 53.271 | 51.761 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.552 | 5.526 | 255.6E6 | 152.1E6 | 473.260 | 482.262 |
| 27) | L6 AR-1254-2 | 5.701 | 5.673 | 233.3E6 | 135.4E6 | 472.888 | 482.834 |
| 28) | L6 AR-1254-3 | 6.104 | 6.074 | 358.7E6 | 203.2E6 | 485.481 | 487.357 |
| 29) | L6 AR-1254-4 | 6.334 | 6.301 | 267.7E6 | 131.5E6 | 480.676 | 478.371 |
| 30) | L6 AR-1254-5 | 6.752 | 6.717 | 344.2E6 | 166.4E6 | 490.961 | 465.595 |

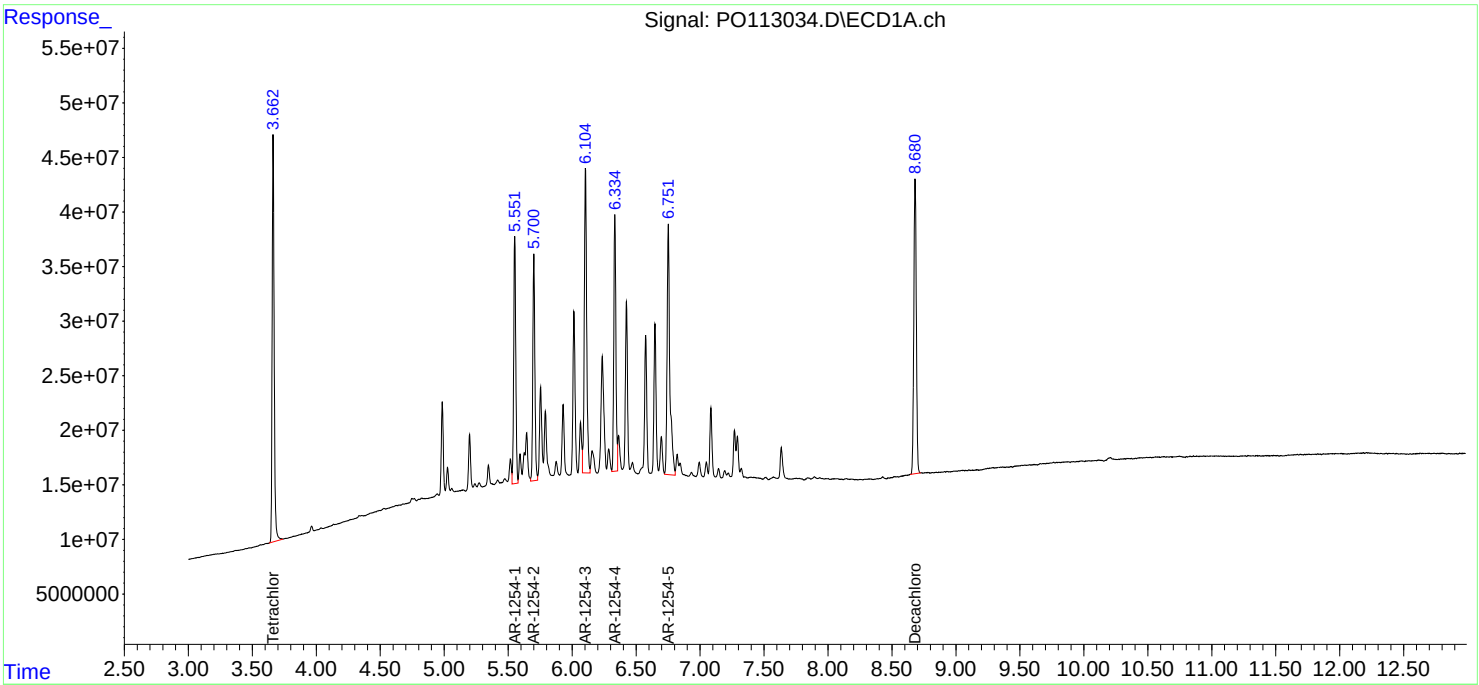
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

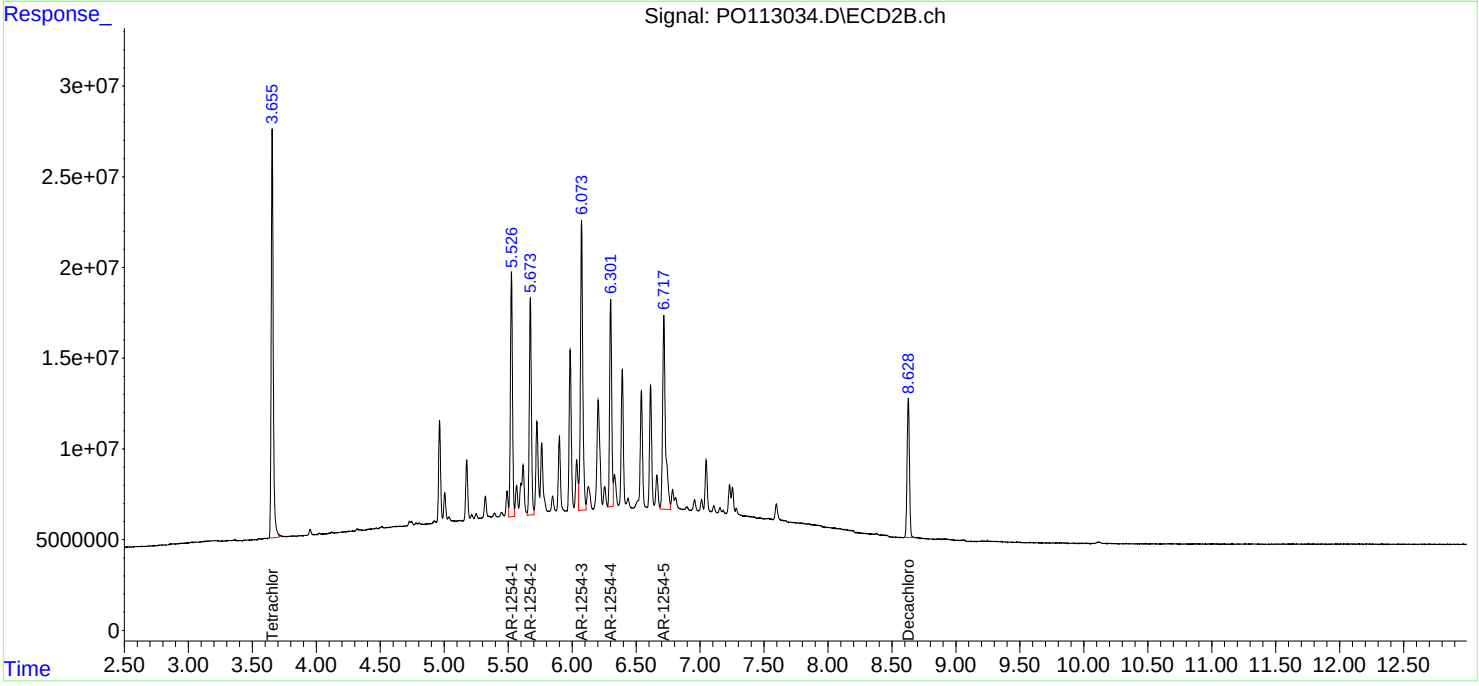
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 20:31
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

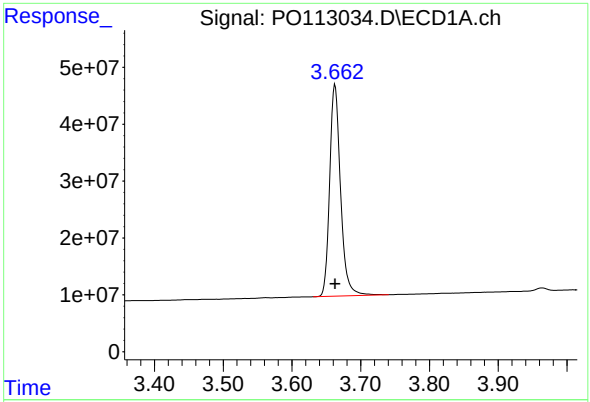
**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:13:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



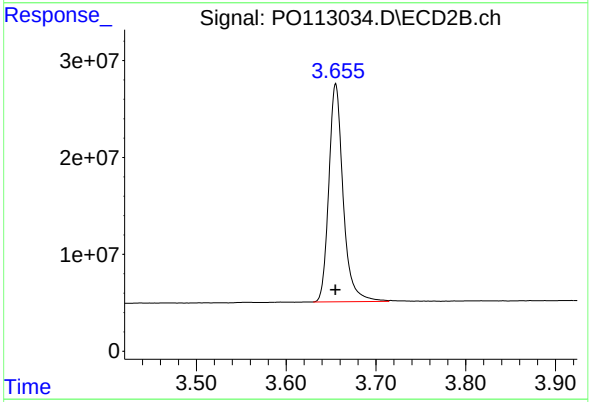






#1 Tetrachloro-m-xylene

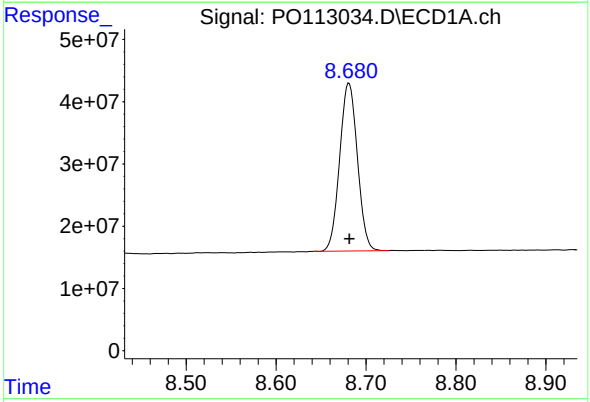
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 409616357
Conc: 50.04 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1254



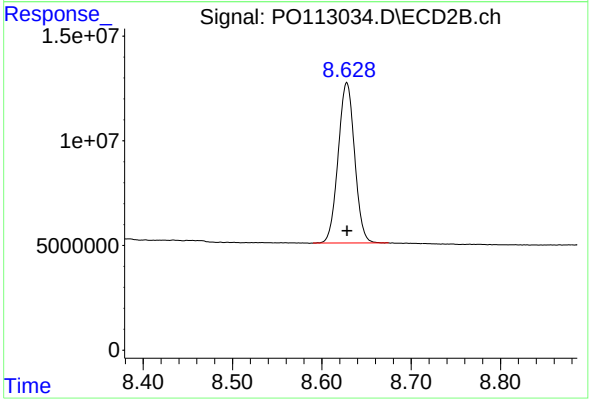

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 249730229
Conc: 49.35 ng/ml



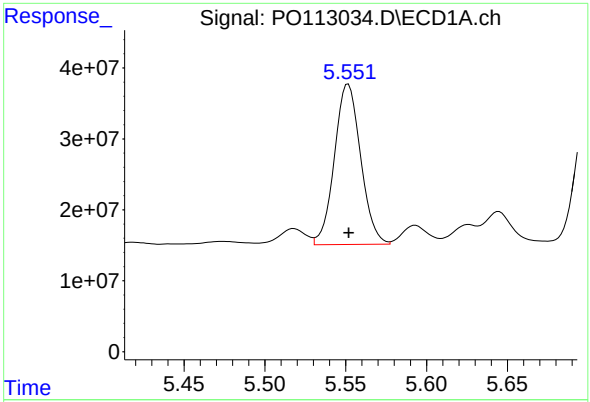

#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 369246639
Conc: 53.27 ng/ml




#2 Decachlorobiphenyl

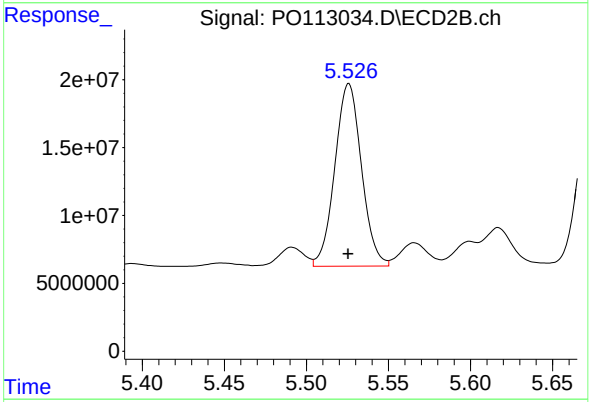
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 98078894
Conc: 51.76 ng/ml




#26 AR-1254-1

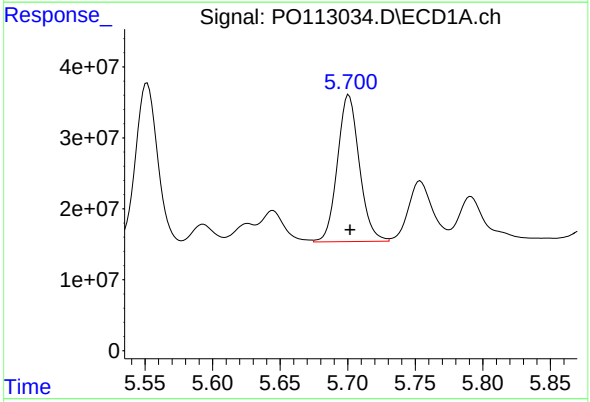
R.T.: 5.552 min
Delta R.T.: 0.000 min
Response: 255550302
Conc: 473.26 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1254



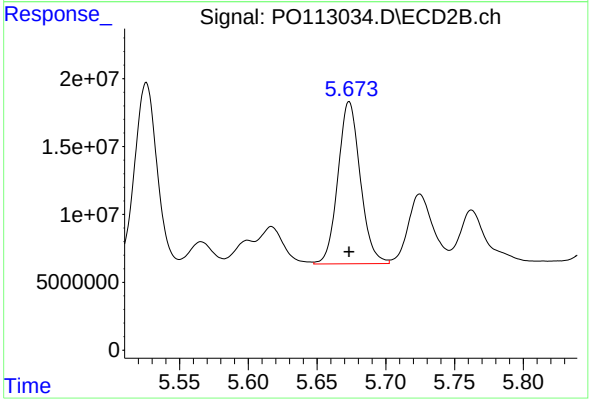

#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 152083207
Conc: 482.26 ng/ml



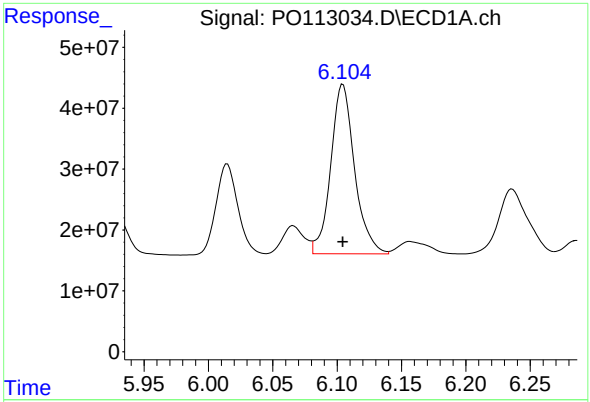

#27 AR-1254-2

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 233348251
Conc: 472.89 ng/ml




#27 AR-1254-2

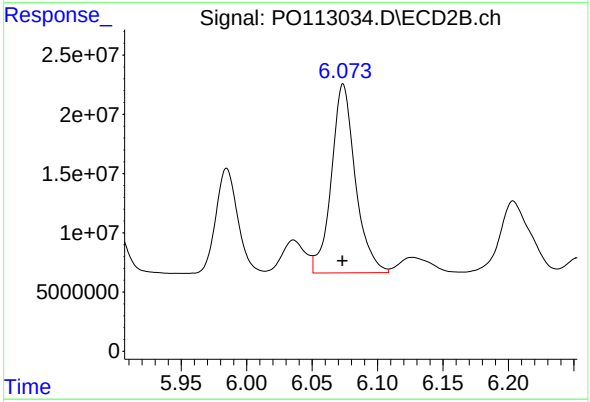
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 135357440
Conc: 482.83 ng/ml




#28 AR-1254-3

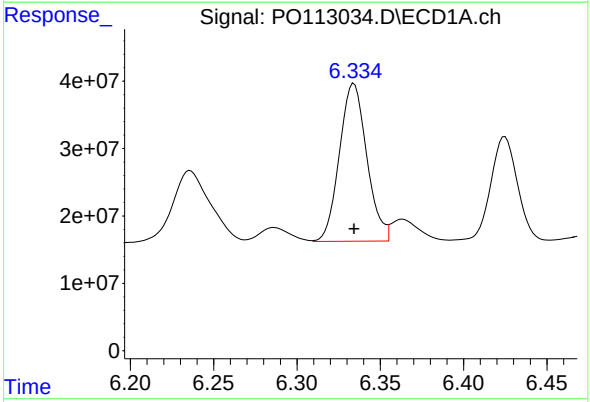
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 358711078
Conc: 485.48 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1254



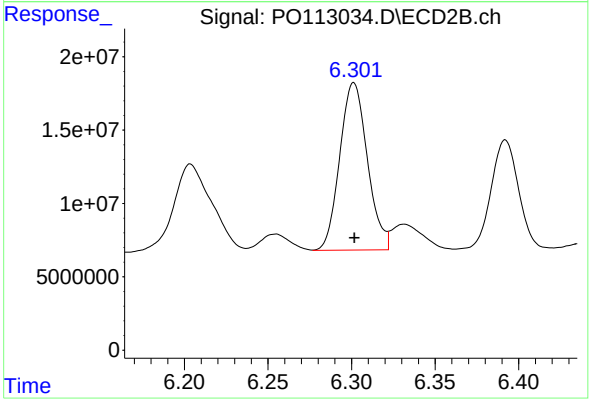

#28 AR-1254-3

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 203189857
Conc: 487.36 ng/ml



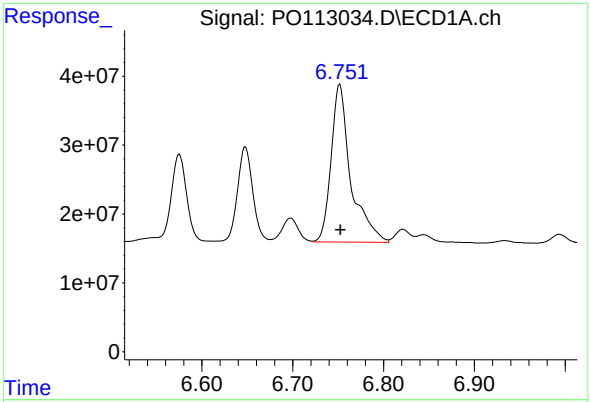

#29 AR-1254-4

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 267736434
Conc: 480.68 ng/ml




#29 AR-1254-4

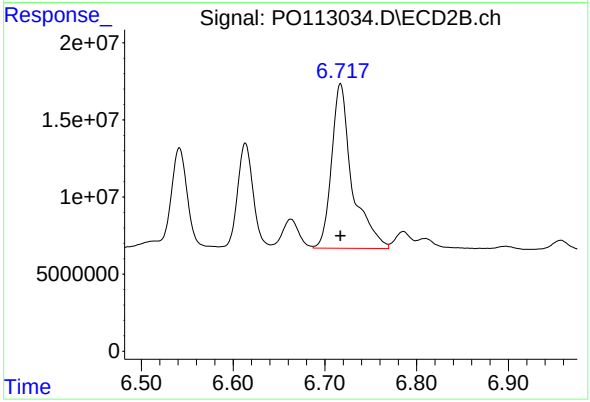
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 131473408
Conc: 478.37 ng/ml




#30 AR-1254-5

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 344150543
Conc: 490.96 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1254




#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 166445848
Conc: 465.60 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 21:07
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1268

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:57:38 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... | 3.664 | 3.656 | 429.5E6 | 261.1E6 | 52.886 | 52.521 |
| 2) | SA Decachlor... | 8.682 | 8.627 | 678.8E6 | 177.0E6 | 51.133 | 51.189 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.577 | 7.537 | 888.4E6 | 255.4E6 | 516.244 | 501.241 |
| 42) | L9 AR-1268-2 | 7.642 | 7.602 | 745.6E6 | 207.2E6 | 514.846 | 498.702 |
| 43) | L9 AR-1268-3 | 7.846 | 7.805 | 631.0E6 | 163.1E6 | 523.061 | 499.640 |
| 44) | L9 AR-1268-4 | 8.137 | 8.092 | 241.9E6 | 62721591 | 525.077 | 520.802 |
| 45) | L9 AR-1268-5 | 8.429 | 8.379 | 1632.4E6 | 402.4E6 | 511.965 | 515.245m |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 21:07
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

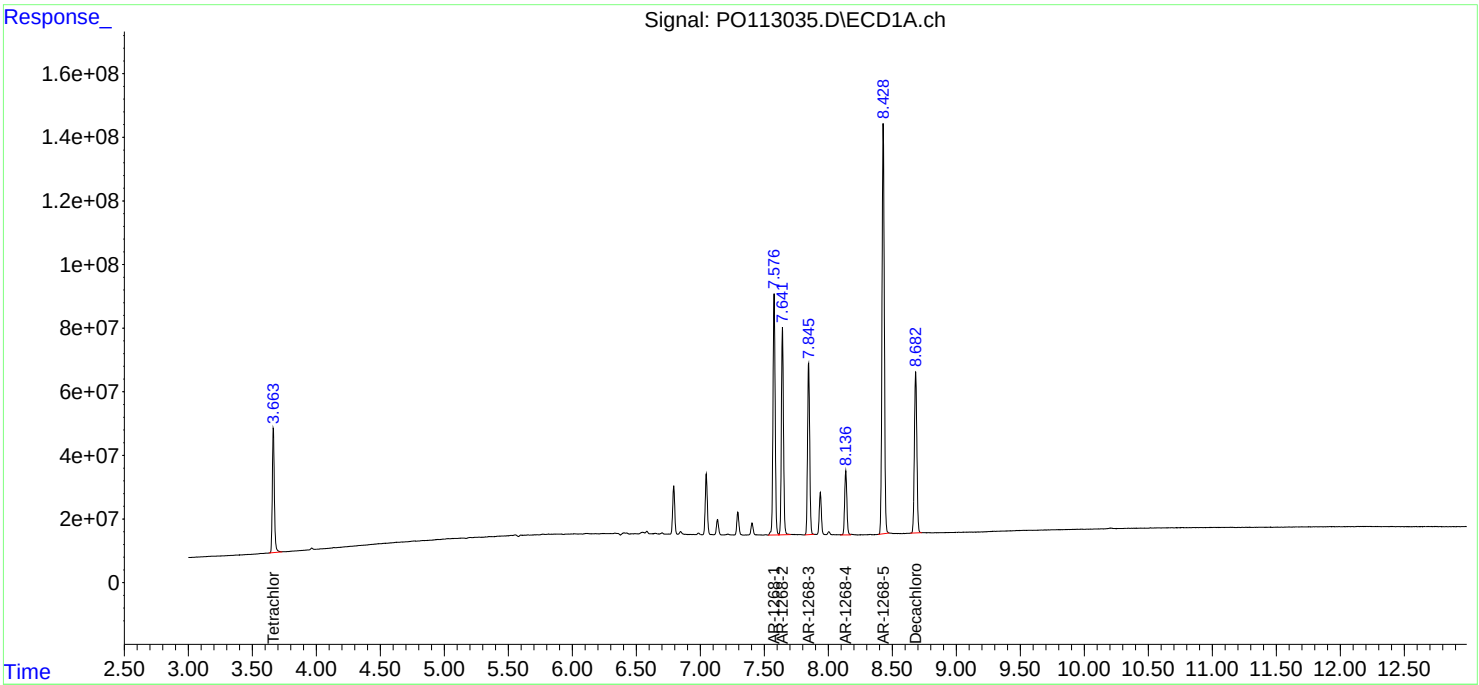
**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1268

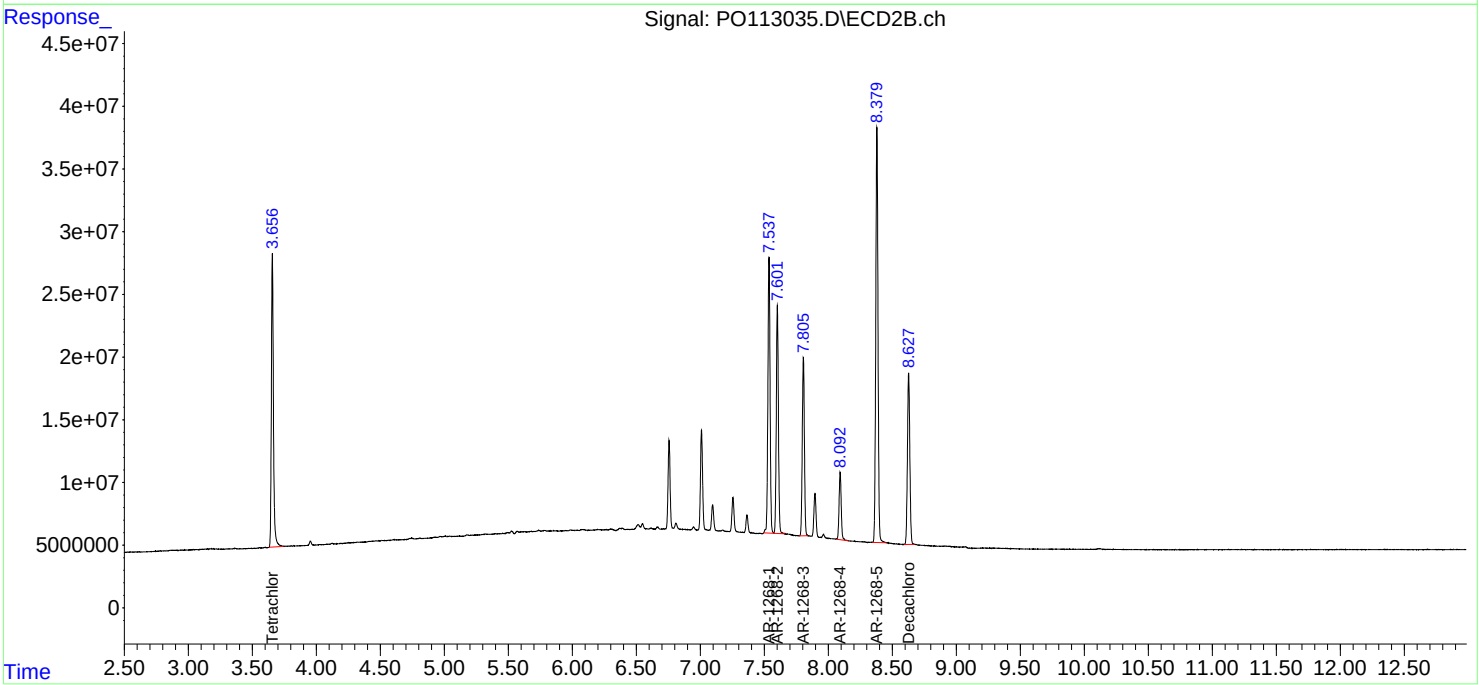
**Manual Integrations APPROVED**

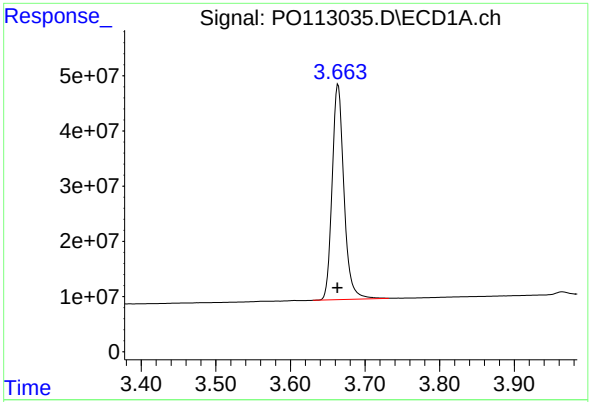
Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:57:38 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





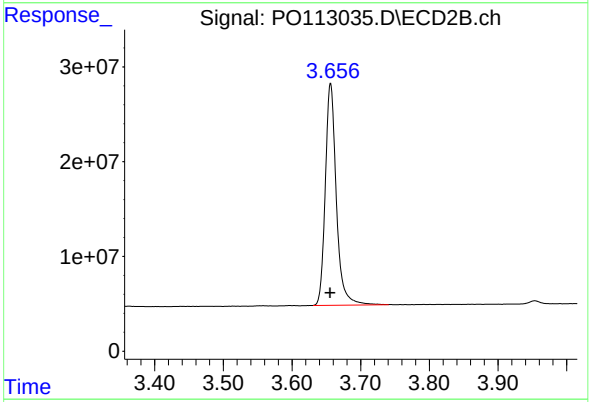

#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 429465520
Conc: 52.89 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1268

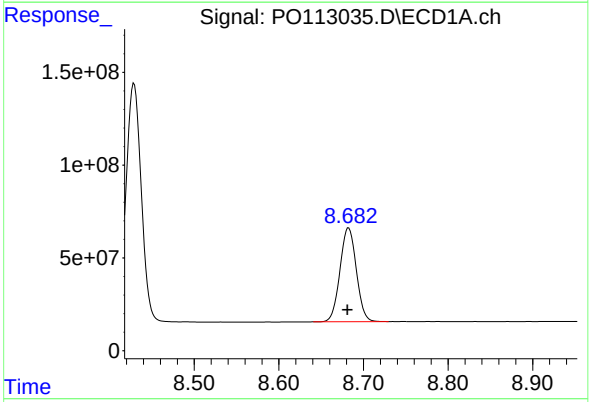
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



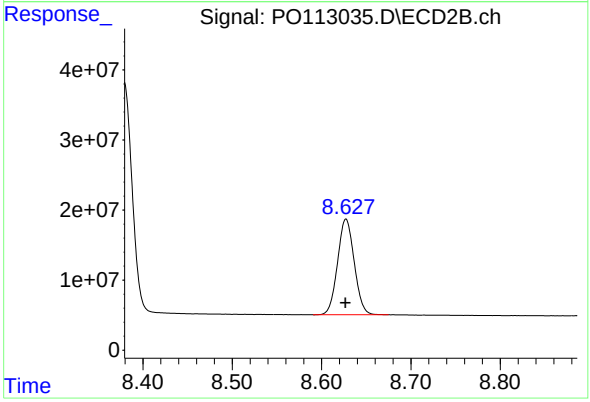

#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 261070028
Conc: 52.52 ng/ml



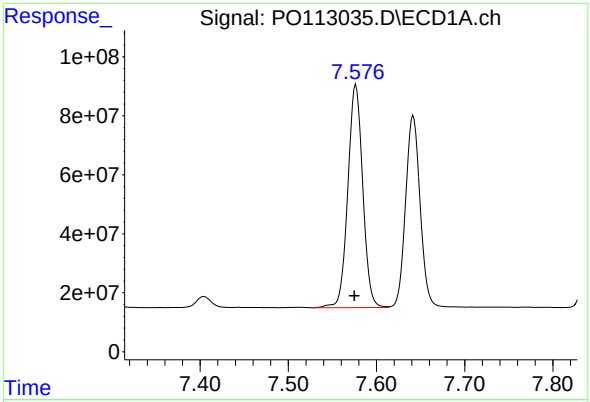

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.001 min
Response: 678789328
Conc: 51.13 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 176997340
Conc: 51.19 ng/ml



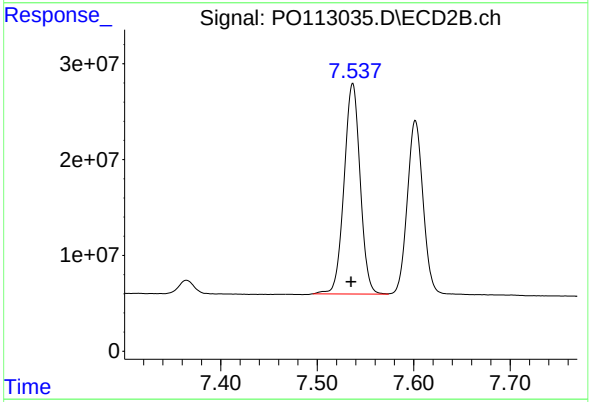

#41 AR-1268-1

R.T.: 7.577 min
Delta R.T.: 0.002 min
Response: 888399269
Conc: 516.24 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1268

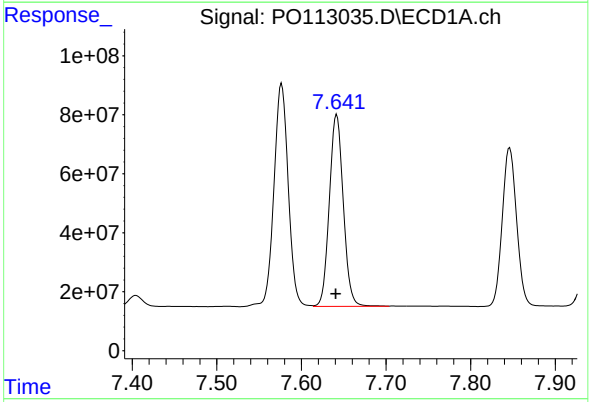
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



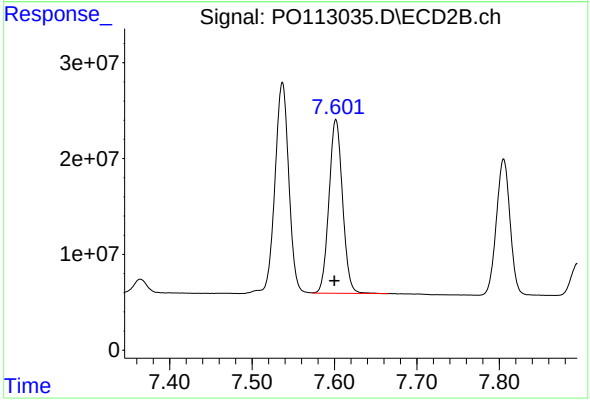

#41 AR-1268-1

R.T.: 7.537 min
Delta R.T.: 0.002 min
Response: 255364211
Conc: 501.24 ng/ml



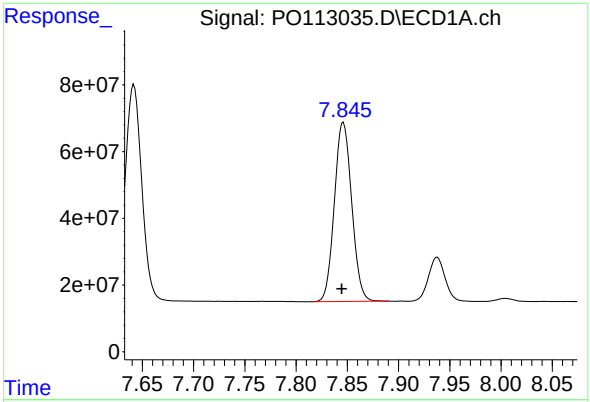

#42 AR-1268-2

R.T.: 7.642 min
Delta R.T.: 0.001 min
Response: 745572427
Conc: 514.85 ng/ml




#42 AR-1268-2

R.T.: 7.602 min
Delta R.T.: 0.002 min
Response: 207162005
Conc: 498.70 ng/ml



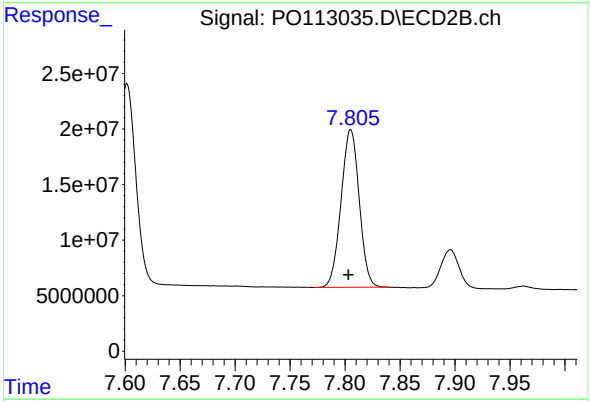

#43 AR-1268-3

R.T.: 7.846 min
Delta R.T.: 0.002 min
Response: 630976194
Conc: 523.06 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1268

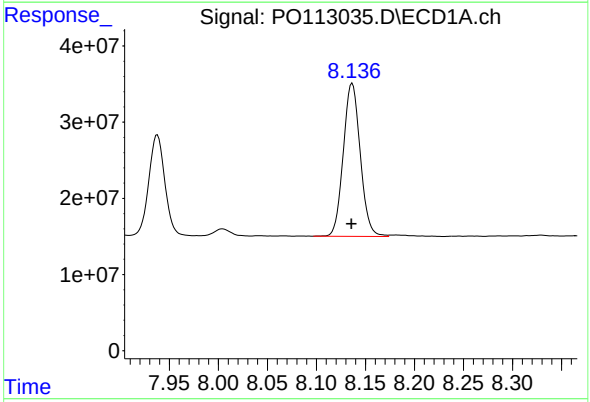
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



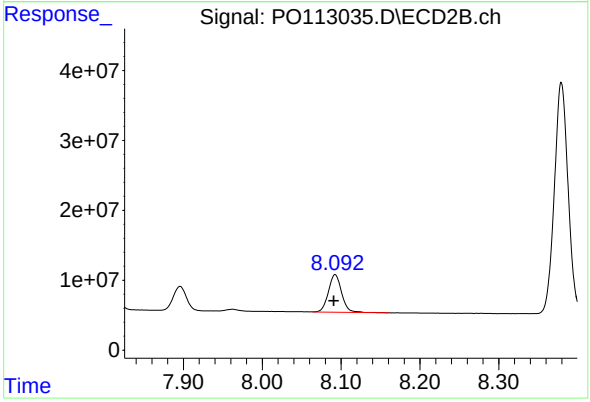

#43 AR-1268-3

R.T.: 7.805 min
Delta R.T.: 0.002 min
Response: 163136992
Conc: 499.64 ng/ml



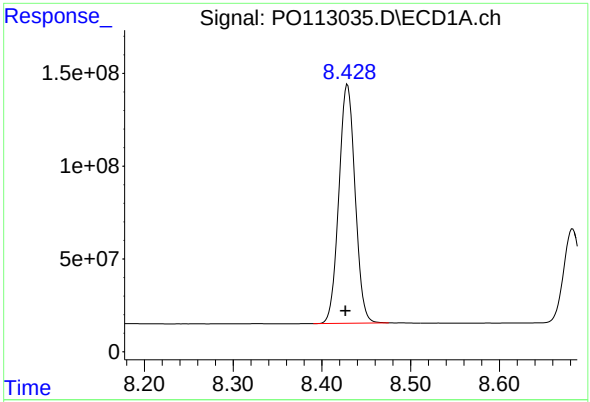

#44 AR-1268-4

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 241884018
Conc: 525.08 ng/ml




#44 AR-1268-4

R.T.: 8.092 min
Delta R.T.: 0.002 min
Response: 62721591
Conc: 520.80 ng/ml



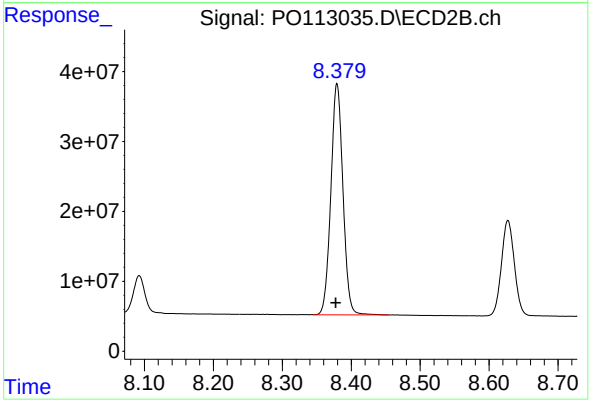

#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: 0.002 min
Response: 1632354575
Conc: 511.96 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1268

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025




#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: 0.001 min
Response: 402384863
Conc: 515.25 ng/ml m

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## RETENTION TIMES OF INITIAL CALIBRATION

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Instrument ID:** ECD_P **Calibration Date(s):** 08/19/2025 08/19/2025

**Calibration Times:** 10:02 17:36

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

**LAB FILE ID:** RT 1000 = PP074491.D RT 750 = PP074492.D

RT 500 = PP074493.D RT 250 = PP074494.D RT 050 = PP074495.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 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.71 | 5.91 |
| Aroclor-1016-2 | (2) | 5.82 | 5.83 | 5.83 | 5.83 | 5.83 | 5.83 | 5.73 | 5.93 |
| Aroclor-1016-3 | (3) | 5.89 | 5.89 | 5.89 | 5.89 | 5.89 | 5.89 | 5.79 | 5.99 |
| Aroclor-1016-4 | (4) | 5.98 | 5.99 | 5.99 | 5.99 | 5.99 | 5.99 | 5.89 | 6.09 |
| Aroclor-1016-5 | (5) | 6.28 | 6.28 | 6.28 | 6.28 | 6.28 | 6.28 | 6.18 | 6.38 |
| Aroclor-1260-1 | (1) | 7.39 | 7.40 | 7.40 | 7.40 | 7.40 | 7.40 | 7.30 | 7.50 |
| Aroclor-1260-2 | (2) | 7.65 | 7.65 | 7.65 | 7.65 | 7.65 | 7.65 | 7.55 | 7.75 |
| Aroclor-1260-3 | (3) | 8.01 | 8.01 | 8.01 | 8.01 | 8.01 | 8.01 | 7.91 | 8.11 |
| Aroclor-1260-4 | (4) | 8.23 | 8.24 | 8.24 | 8.24 | 8.24 | 8.24 | 8.14 | 8.34 |
| Aroclor-1260-5 | (5) | 8.56 | 8.56 | 8.56 | 8.56 | 8.56 | 8.56 | 8.46 | 8.66 |
| Decachlorobiphenyl | | 10.43 | 10.44 | 10.43 | 10.43 | 10.44 | 10.43 | 10.33 | 10.53 |
| Tetrachloro-m-xylene | | 4.65 | 4.66 | 4.65 | 4.66 | 4.66 | 4.66 | 4.56 | 4.76 |
| Aroclor-1242-1 | (1) | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.71 | 5.91 |
| Aroclor-1242-2 | (2) | 5.83 | 5.83 | 5.83 | 5.83 | 5.83 | 5.83 | 5.73 | 5.93 |
| Aroclor-1242-3 | (3) | 5.89 | 5.89 | 5.89 | 5.89 | 5.89 | 5.89 | 5.79 | 5.99 |
| Aroclor-1242-4 | (4) | 5.99 | 5.99 | 5.99 | 5.99 | 5.99 | 5.99 | 5.89 | 6.09 |
| Aroclor-1242-5 | (5) | 6.72 | 6.72 | 6.72 | 6.72 | 6.72 | 6.72 | 6.62 | 6.82 |
| Decachlorobiphenyl | | 10.43 | 10.44 | 10.43 | 10.44 | 10.44 | 10.44 | 10.34 | 10.54 |
| Tetrachloro-m-xylene | | 4.66 | 4.66 | 4.66 | 4.66 | 4.66 | 4.66 | 4.56 | 4.76 |
| Aroclor-1248-1 | (1) | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.71 | 5.91 |
| Aroclor-1248-2 | (2) | 6.08 | 6.08 | 6.08 | 6.08 | 6.08 | 6.08 | 5.98 | 6.18 |
| Aroclor-1248-3 | (3) | 6.28 | 6.28 | 6.28 | 6.28 | 6.28 | 6.28 | 6.18 | 6.38 |
| Aroclor-1248-4 | (4) | 6.68 | 6.68 | 6.68 | 6.68 | 6.68 | 6.68 | 6.58 | 6.78 |
| Aroclor-1248-5 | (5) | 6.72 | 6.72 | 6.72 | 6.72 | 6.72 | 6.72 | 6.62 | 6.82 |
| Decachlorobiphenyl | | 10.44 | 10.44 | 10.44 | 10.44 | 10.44 | 10.44 | 10.34 | 10.54 |
| Tetrachloro-m-xylene | | 4.66 | 4.66 | 4.66 | 4.66 | 4.66 | 4.66 | 4.56 | 4.76 |
| Aroclor-1254-1 | (1) | 6.66 | 6.66 | 6.66 | 6.66 | 6.65 | 6.66 | 6.56 | 6.76 |
| Aroclor-1254-2 | (2) | 6.88 | 6.87 | 6.87 | 6.87 | 6.87 | 6.87 | 6.77 | 6.97 |
| Aroclor-1254-3 | (3) | 7.24 | 7.24 | 7.24 | 7.23 | 7.23 | 7.24 | 7.14 | 7.34 |
| Aroclor-1254-4 | (4) | 7.52 | 7.52 | 7.52 | 7.52 | 7.52 | 7.52 | 7.42 | 7.62 |
| Aroclor-1254-5 | (5) | 7.94 | 7.93 | 7.93 | 7.93 | 7.93 | 7.93 | 7.83 | 8.03 |
| Decachlorobiphenyl | | 10.44 | 10.44 | 10.44 | 10.44 | 10.44 | 10.44 | 10.34 | 10.54 |
| Tetrachloro-m-xylene | | 4.66 | 4.66 | 4.66 | 4.66 | 4.66 | 4.66 | 4.56 | 4.76 |
| Aroclor-1268-1 | (1) | 8.88 | 8.89 | 8.88 | 8.89 | 8.88 | 8.89 | 8.79 | 8.99 |
| Aroclor-1268-2 | (2) | 8.98 | 8.98 | 8.98 | 8.98 | 8.98 | 8.98 | 8.88 | 9.08 |
| Aroclor-1268-3 | (3) | 9.22 | 9.22 | 9.22 | 9.22 | 9.22 | 9.22 | 9.12 | 9.32 |
| Aroclor-1268-4 | (4) | 9.65 | 9.65 | 9.65 | 9.65 | 9.65 | 9.65 | 9.55 | 9.75 |
| Aroclor-1268-5 | (5) | 10.08 | 10.08 | 10.08 | 10.08 | 10.08 | 10.08 | 9.98 | 10.18 |

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**RETENTION TIMES OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 10.43 | 10.44 | 10.43 | 10.44 | 10.43 | 10.43 | 10.33 | 10.53 |
| Tetrachloro-m-xylene | 4.66 | 4.66 | 4.66 | 4.66 | 4.66 | 4.66 | 4.56 | 4.76 |

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## RETENTION TIMES OF INITIAL CALIBRATION

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Instrument ID:** ECD_P **Calibration Date(s):** 08/19/2025 08/19/2025

**Calibration Times:** 10:02 17:36

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

**LAB FILE ID:** RT 1000 = PP074491.D RT 750 = PP074492.D

RT 500 = PP074493.D RT 250 = PP074494.D RT 050 = PP074495.D

| COMPOUND | | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.90 | 4.90 | 4.90 | 4.90 | 4.90 | 4.90 | 4.80 | 5.00 |
| Aroclor-1016-2 | (2) | 4.96 | 4.96 | 4.96 | 4.96 | 4.96 | 4.96 | 4.86 | 5.06 |
| Aroclor-1016-3 | (3) | 5.08 | 5.08 | 5.08 | 5.08 | 5.08 | 5.08 | 4.98 | 5.18 |
| Aroclor-1016-4 | (4) | 5.12 | 5.12 | 5.12 | 5.12 | 5.12 | 5.12 | 5.02 | 5.22 |
| Aroclor-1016-5 | (5) | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.23 | 5.43 |
| Aroclor-1260-1 | (1) | 6.36 | 6.36 | 6.36 | 6.36 | 6.36 | 6.36 | 6.26 | 6.46 |
| Aroclor-1260-2 | (2) | 6.55 | 6.55 | 6.55 | 6.55 | 6.55 | 6.55 | 6.45 | 6.65 |
| Aroclor-1260-3 | (3) | 6.70 | 6.71 | 6.70 | 6.70 | 6.70 | 6.70 | 6.60 | 6.80 |
| Aroclor-1260-4 | (4) | 7.17 | 7.17 | 7.17 | 7.17 | 7.17 | 7.17 | 7.07 | 7.27 |
| Aroclor-1260-5 | (5) | 7.41 | 7.41 | 7.41 | 7.41 | 7.41 | 7.41 | 7.31 | 7.51 |
| Decachlorobiphenyl | | 8.81 | 8.82 | 8.82 | 8.81 | 8.82 | 8.82 | 8.72 | 8.92 |
| Tetrachloro-m-xylene | | 3.80 | 3.80 | 3.80 | 3.80 | 3.80 | 3.80 | 3.70 | 3.90 |
| Aroclor-1242-1 | (1) | 4.90 | 4.90 | 4.90 | 4.90 | 4.90 | 4.90 | 4.80 | 5.00 |
| Aroclor-1242-2 | (2) | 4.96 | 4.96 | 4.96 | 4.96 | 4.96 | 4.96 | 4.86 | 5.06 |
| Aroclor-1242-3 | (3) | 5.08 | 5.08 | 5.08 | 5.08 | 5.08 | 5.08 | 4.98 | 5.18 |
| Aroclor-1242-4 | (4) | 5.16 | 5.16 | 5.16 | 5.16 | 5.16 | 5.16 | 5.06 | 5.26 |
| Aroclor-1242-5 | (5) | 5.68 | 5.68 | 5.68 | 5.68 | 5.68 | 5.68 | 5.58 | 5.78 |
| Decachlorobiphenyl | | 8.82 | 8.82 | 8.81 | 8.82 | 8.82 | 8.82 | 8.72 | 8.92 |
| Tetrachloro-m-xylene | | 3.80 | 3.80 | 3.80 | 3.80 | 3.80 | 3.80 | 3.70 | 3.90 |
| Aroclor-1248-1 | (1) | 4.90 | 4.90 | 4.90 | 4.90 | 4.90 | 4.90 | 4.80 | 5.00 |
| Aroclor-1248-2 | (2) | 5.12 | 5.12 | 5.12 | 5.12 | 5.12 | 5.12 | 5.02 | 5.22 |
| Aroclor-1248-3 | (3) | 5.16 | 5.16 | 5.16 | 5.16 | 5.16 | 5.16 | 5.06 | 5.26 |
| Aroclor-1248-4 | (4) | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.23 | 5.43 |
| Aroclor-1248-5 | (5) | 5.72 | 5.72 | 5.72 | 5.72 | 5.72 | 5.72 | 5.62 | 5.82 |
| Decachlorobiphenyl | | 8.82 | 8.82 | 8.82 | 8.82 | 8.82 | 8.82 | 8.72 | 8.92 |
| Tetrachloro-m-xylene | | 3.80 | 3.80 | 3.80 | 3.80 | 3.80 | 3.80 | 3.70 | 3.90 |
| Aroclor-1254-1 | (1) | 5.69 | 5.68 | 5.68 | 5.68 | 5.68 | 5.68 | 5.58 | 5.78 |
| Aroclor-1254-2 | (2) | 5.83 | 5.83 | 5.83 | 5.83 | 5.83 | 5.83 | 5.73 | 5.93 |
| Aroclor-1254-3 | (3) | 6.24 | 6.23 | 6.23 | 6.23 | 6.23 | 6.23 | 6.13 | 6.33 |
| Aroclor-1254-4 | (4) | 6.46 | 6.46 | 6.46 | 6.46 | 6.46 | 6.46 | 6.36 | 6.56 |
| Aroclor-1254-5 | (5) | 6.88 | 6.87 | 6.88 | 6.88 | 6.88 | 6.88 | 6.78 | 6.98 |
| Decachlorobiphenyl | | 8.82 | 8.82 | 8.82 | 8.82 | 8.81 | 8.82 | 8.72 | 8.92 |
| Tetrachloro-m-xylene | | 3.80 | 3.80 | 3.80 | 3.80 | 3.80 | 3.80 | 3.70 | 3.90 |
| Aroclor-1268-1 | (1) | 7.70 | 7.70 | 7.69 | 7.70 | 7.69 | 7.70 | 7.60 | 7.80 |
| Aroclor-1268-2 | (2) | 7.76 | 7.76 | 7.76 | 7.76 | 7.76 | 7.76 | 7.66 | 7.86 |
| Aroclor-1268-3 | (3) | 7.97 | 7.97 | 7.97 | 7.97 | 7.96 | 7.97 | 7.87 | 8.07 |
| Aroclor-1268-4 | (4) | 8.25 | 8.26 | 8.25 | 8.25 | 8.25 | 8.25 | 8.15 | 8.35 |
| Aroclor-1268-5 | (5) | 8.55 | 8.55 | 8.55 | 8.55 | 8.55 | 8.55 | 8.45 | 8.65 |

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**RETENTION TIMES OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Decachlorobiphenyl | 8.81 | 8.82 | 8.81 | 8.82 | 8.81 | 8.82 | 8.72 | 8.92 |
| Tetrachloro-m-xylene | 3.80 | 3.80 | 3.80 | 3.80 | 3.80 | 3.80 | 3.70 | 3.90 |

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## CALIBRATION FACTOR OF INITIAL CALIBRATION

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

**Contract:** TETR06
**SDG NO.:** Q3017
**Calibration Date(s):** 08/19/2025 08/19/2025
**Calibration Times:** 10:02 17:36

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

**LAB FILE ID:** CF 1000 = PP074491.D CF 750 = PP074492.D
CF 500 = PP074493.D CF 250 = PP074494.D CF 050 = PP074495.D

| COMPOUND | | CF 1000 | CF 750 | CF 500 | CF 250 | CF 050 | CF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 37260672 | 39165227 | 41840274 | 46667524 | 55510560 | 44088851 | 17 |
| Aroclor-1016-2 | (2) | 55294208 | 58678316 | 63208216 | 69200552 | 67826880 | 62841634 | 9 |
| Aroclor-1016-3 | (3) | 37159554 | 39829409 | 42380342 | 50420568 | 54779780 | 44913931 | 17 |
| Aroclor-1016-4 | (4) | 30238509 | 32061391 | 34848388 | 39362172 | 39398600 | 35181812 | 12 |
| Aroclor-1016-5 | (5) | 29225854 | 30645948 | 33029644 | 36469124 | 36559780 | 33186070 | 10 |
| Aroclor-1260-1 | (1) | 48563391 | 51183833 | 55342410 | 61530012 | 72427960 | 57809521 | 16 |
| Aroclor-1260-2 | (2) | 57520052 | 60697599 | 66234840 | 73517872 | 86617000 | 68917473 | 17 |
| Aroclor-1260-3 | (3) | 45466412 | 48231029 | 50486582 | 57234216 | 58008180 | 51885284 | 11 |
| Aroclor-1260-4 | (4) | 53945139 | 57153024 | 61763720 | 67649864 | 78452080 | 63792765 | 15 |
| Aroclor-1260-5 | (5) | 98135607 | 102882747 | 108313414 | 117775440 | 139953440 | 113412130 | 15 |
| Decachlorobiphenyl | | 866337170 | 921955053 | 988573200 | 1058849640 | 1101835800 | 987510173 | 10 |
| Tetrachloro-m-xylene | | 1100953570 | 1143235467 | 1200713680 | 1268558320 | 1404991400 | 1223690487 | 10 |
| Aroclor-1242-1 | (1) | 33534775 | 35196259 | 38660790 | 41241740 | 42742440 | 38275201 | 10 |
| Aroclor-1242-2 | (2) | 50582395 | 52453757 | 57915216 | 62104248 | 59354260 | 56481975 | 9 |
| Aroclor-1242-3 | (3) | 33349694 | 35414635 | 39970066 | 43883972 | 50396180 | 40602909 | 17 |
| Aroclor-1242-4 | (4) | 27192200 | 28632309 | 31894696 | 35816444 | 35173600 | 31741850 | 12 |
| Aroclor-1242-5 | (5) | 29731727 | 30733847 | 34626980 | 38850892 | 46409580 | 36070605 | 19 |
| Decachlorobiphenyl | | 942571090 | 998560827 | 1090308640 | 1132992280 | 1083717600 | 1049630087 | 7 |
| Tetrachloro-m-xylene | | 1101623960 | 1151320933 | 1235361060 | 1272027120 | 1278388200 | 1207744255 | 6 |
| Aroclor-1248-1 | (1) | 26825393 | 28405716 | 30845872 | 34074380 | 30968720 | 30224016 | 9 |
| Aroclor-1248-2 | (2) | 37601198 | 39897476 | 43211686 | 48783724 | 45986180 | 43096053 | 10 |
| Aroclor-1248-3 | (3) | 41457218 | 43776155 | 46817460 | 51955424 | 49511780 | 46703607 | 9 |
| Aroclor-1248-4 | (4) | 47576379 | 50895647 | 54418430 | 60667104 | 61446460 | 55000804 | 11 |
| Aroclor-1248-5 | (5) | 47007884 | 50058825 | 54098864 | 61916308 | 64270400 | 55470456 | 13 |
| Decachlorobiphenyl | | 950993890 | 1009223920 | 1071012460 | 1167985200 | 1057373600 | 1051317814 | 8 |
| Tetrachloro-m-xylene | | 1100991950 | 1146778960 | 1200566400 | 1276972480 | 1211462000 | 1187354358 | 6 |
| Aroclor-1254-1 | (1) | 48507797 | 53598960 | 57022412 | 63560864 | 68657180 | 58269443 | 14 |
| Aroclor-1254-2 | (2) | 68997007 | 73735961 | 79493314 | 88136784 | 97716940 | 81616001 | 14 |
| Aroclor-1254-3 | (3) | 75433146 | 80269064 | 85469286 | 94710248 | 110150500 | 89206449 | 15 |
| Aroclor-1254-4 | (4) | 56817907 | 60256557 | 64375914 | 71178004 | 76939600 | 65913596 | 12 |
| Aroclor-1254-5 | (5) | 71518563 | 76344344 | 81241680 | 89300320 | 97020080 | 83084997 | 12 |
| Decachlorobiphenyl | | 955810170 | 985159667 | 1046715980 | 1146118200 | 1185105200 | 1063781843 | 9 |
| Tetrachloro-m-xylene | | 1074895520 | 1124737840 | 1186244600 | 1279770240 | 1364835400 | 1206096720 | 10 |
| Aroclor-1268-1 | (1) | 145382221 | 149256528 | 159799060 | 175238264 | 180520060 | 162039227 | 10 |

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**CALIBRATION FACTOR OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1268-2 | (2) | 135128903 | 138304824 | 147968774 | 161072492 | 151211120 | 146737223 | 7 |
| Aroclor-1268-3 | (3) | 112837949 | 115383373 | 124401538 | 134921752 | 130382340 | 123585390 | 8 |
| Aroclor-1268-4 | (4) | 60062429 | 62288615 | 69185966 | 72327472 | 72450180 | 67262932 | 9 |
| Aroclor-1268-5 | (5) | 347935374 | 352387180 | 372266714 | 396976848 | 381293520 | 370171927 | 6 |
| Decachlorobiphenyl | | 1643122860 | 1684754733 | 1816495060 | 1968851320 | 1846466800 | 1791938155 | 7 |
| Tetrachloro-m-xylene | | 1139511630 | 1162795853 | 1215559280 | 1293072360 | 1185938800 | 1199375585 | 5 |

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## CALIBRATION FACTOR OF INITIAL CALIBRATION

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

**Contract:** TETR06
**SDG NO.:** Q3017
**Calibration Date(s):** 08/19/2025 08/19/2025
**Calibration Times:** 10:02 17:36

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

**LAB FILE ID:** CF 1000 = PP074491.D CF 750 = PP074492.D
CF 500 = PP074493.D CF 250 = PP074494.D CF 050 = PP074495.D

| COMPOUND | | CF 1000 | CF 750 | CF 500 | CF 250 | CF 050 | CF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 496657182 | 503720793 | 523846228 | 513002896 | 509541900 | 509353800 | 2 |
| Aroclor-1016-2 | (2) | 239168801 | 238546505 | 246638078 | 251142512 | 214580920 | 238015363 | 6 |
| Aroclor-1016-3 | (3) | 133036564 | 130124845 | 144330606 | 141427600 | 140598400 | 137903603 | 4 |
| Aroclor-1016-4 | (4) | 133477489 | 138002388 | 140534852 | 142183668 | 144817800 | 139803239 | 3 |
| Aroclor-1016-5 | (5) | 154126731 | 152599703 | 155237916 | 163343428 | 205109040 | 166083364 | 13 |
| Aroclor-1260-1 | (1) | 363284667 | 378829761 | 386185190 | 382321000 | 365496040 | 375223332 | 3 |
| Aroclor-1260-2 | (2) | 523788027 | 519029669 | 530795266 | 515617580 | 554844180 | 528814944 | 3 |
| Aroclor-1260-3 | (3) | 397906310 | 403814531 | 425344812 | 411965640 | 525972600 | 433000779 | 12 |
| Aroclor-1260-4 | (4) | 386647802 | 396528909 | 406788188 | 382587548 | 334816920 | 381473873 | 7 |
| Aroclor-1260-5 | (5) | 1072036571 | 1049469899 | 1040494106 | 1005914236 | 854489880 | 1004480938 | 9 |
| Decachlorobiphenyl | | 7534332740 | 7444555573 | 7912532780 | 7690082000 | 6914466800 | 7499193979 | 5 |
| Tetrachloro-m-xylene | | 5208096140 | 5362153787 | 4998687000 | 4783674480 | 3824485800 | 4835419441 | 13 |
| Aroclor-1242-1 | (1) | 426248141 | 431977179 | 439434088 | 427078864 | 384025660 | 421752786 | 5 |
| Aroclor-1242-2 | (2) | 202991737 | 207389804 | 208837132 | 204363608 | 177830640 | 200282584 | 6 |
| Aroclor-1242-3 | (3) | 114667914 | 119000831 | 118474420 | 125754936 | 113593040 | 118298228 | 4 |
| Aroclor-1242-4 | (4) | 162797331 | 159395943 | 169924744 | 169924792 | 193754480 | 171159458 | 8 |
| Aroclor-1242-5 | (5) | 176244820 | 193149587 | 194953880 | 198727516 | 162744820 | 185164125 | 8 |
| Decachlorobiphenyl | | 7439485810 | 7647320840 | 7750380960 | 7387148800 | 6696994000 | 7384266082 | 6 |
| Tetrachloro-m-xylene | | 5552255470 | 5495660120 | 5265795020 | 4718643160 | 3344536200 | 4875377994 | 19 |
| Aroclor-1248-1 | (1) | 276787529 | 272989900 | 294110190 | 287515664 | 249311100 | 276142877 | 6 |
| Aroclor-1248-2 | (2) | 170428062 | 176978340 | 184167818 | 188684076 | 163519180 | 176755495 | 6 |
| Aroclor-1248-3 | (3) | 216883105 | 236968729 | 226037212 | 232782684 | 223345400 | 227203426 | 3 |
| Aroclor-1248-4 | (4) | 216013976 | 222165432 | 229596264 | 221937152 | 200392380 | 218021041 | 5 |
| Aroclor-1248-5 | (5) | 365899980 | 378186867 | 386596360 | 393195048 | 312731540 | 367321959 | 9 |
| Decachlorobiphenyl | | 7362170440 | 7623348680 | 7832285760 | 7830414120 | 6177033600 | 7365050520 | 9 |
| Tetrachloro-m-xylene | | 4921775200 | 5272375827 | 4922615420 | 4754396920 | 3067777000 | 4587788073 | 19 |
| Aroclor-1254-1 | (1) | 450774429 | 460491156 | 493889042 | 479687392 | 498710100 | 476710424 | 4 |
| Aroclor-1254-2 | (2) | 327603431 | 350278748 | 349528710 | 357585716 | 375666820 | 352132685 | 5 |
| Aroclor-1254-3 | (3) | 632195702 | 651991325 | 663558136 | 626254444 | 525027180 | 619805357 | 9 |
| Aroclor-1254-4 | (4) | 465715221 | 475856425 | 494623526 | 472743392 | 434193620 | 468626437 | 5 |
| Aroclor-1254-5 | (5) | 494049062 | 518095117 | 499208524 | 513687428 | 427465960 | 490501218 | 7 |
| Decachlorobiphenyl | | 7570292860 | 7622860640 | 7575883760 | 7671178000 | 7261560400 | 7540355132 | 2 |
| Tetrachloro-m-xylene | | 5083198010 | 4906330680 | 4979033200 | 4619762640 | 3271378000 | 4571940506 | 16 |
| Aroclor-1268-1 | (1) | 1582015639 | 1422598329 | 1546826516 | 1453362868 | 1047671520 | 1410494974 | 15 |

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Fax : 908 789 8922

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1268-2 | (2) | 1588231016 | 1429840941 | 1442651986 | 1413308564 | 943104640 | 1363427429 | 18 |
| Aroclor-1268-3 | (3) | 1131064358 | 1100247001 | 1123773528 | 1077394544 | 783689900 | 1043233866 | 14 |
| Aroclor-1268-4 | (4) | 433982459 | 417630531 | 415097948 | 393627672 | 255142820 | 383096286 | 19 |
| Aroclor-1268-5 | (5) | 3414138804 | 3322863425 | 3420880908 | 3301062668 | 2221751820 | 3136139525 | 16 |
| Decachlorobiphenyl | | 14390930480 | 14121362587 | 14413340360 | 14318679160 | 10749496600 | 13598761837 | 12 |
| Tetrachloro-m-xylene | | 5211020900 | 5014233547 | 4937082600 | 4815562400 | 3041581600 | 4603896209 | 19 |

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

## INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Instrument ID:** ECD_P **Date(s) Analyzed:** 08/19/2025 08/19/2025

**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 | 4.85 | 4.75 | 4.95 | 17592800 |
| | | 2 | 4.94 | 4.84 | 5.04 | 13357200 |
| | | 3 | 5.02 | 4.92 | 5.12 | 37912800 |
| | | 4 | 0.00 | | | 0 |
| | | 5 | 0.00 | | | 0 |
| Aroclor-1232 | 500 | 1 | 5.02 | 4.92 | 5.12 | 30374000 |
| | | 2 | 5.54 | 5.44 | 5.64 | 15758200 |
| | | 3 | 5.83 | 5.73 | 5.93 | 30543600 |
| | | 4 | 5.99 | 5.89 | 6.09 | 17269300 |
| | | 5 | 6.08 | 5.98 | 6.18 | 12981000 |
| Aroclor-1262 | 500 | 1 | 8.24 | 8.14 | 8.34 | 77016000 |
| | | 2 | 8.57 | 8.47 | 8.67 | 132381000 |
| | | 3 | 8.89 | 8.79 | 8.99 | 97212400 |
| | | 4 | 8.98 | 8.88 | 9.08 | 75330400 |
| | | 5 | 9.65 | 9.55 | 9.75 | 60956200 |

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Fax : 908 789 8922

## INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Instrument ID:** ECD_P **Date(s) Analyzed:** 08/19/2025 08/19/2025

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

| COMPOUND | AMOUNT (ng) | PEAK | RT | RT WINDOW FROM | RT WINDOW TO | CALIBRATION FACTOR |
|---|---|---|---|---|---|---|
| Aroclor-1221 | 500 | 1 | 4.01 | 3.91 | 4.11 | 61867400 |
| | | 2 | 4.10 | 4.00 | 4.20 | 45212000 |
| | | 3 | 4.17 | 4.07 | 4.27 | 164294000 |
| | | 4 | 0.00 | | | 0 |
| | | 5 | 0.00 | | | 0 |
| Aroclor-1232 | 500 | 1 | 4.17 | 4.07 | 4.27 | 128095000 |
| | | 2 | 4.90 | 4.80 | 5.00 | 231794000 |
| | | 3 | 5.08 | 4.98 | 5.18 | 60059800 |
| | | 4 | 5.16 | 5.06 | 5.26 | 73707400 |
| | | 5 | 5.33 | 5.23 | 5.43 | 62083800 |
| Aroclor-1262 | 500 | 1 | 6.92 | 6.82 | 7.02 | 707260000 |
| | | 2 | 7.18 | 7.08 | 7.28 | 520714000 |
| | | 3 | 7.70 | 7.60 | 7.80 | 466296000 |
| | | 4 | 7.76 | 7.66 | 7.86 | 821860000 |
| | | 5 | 8.26 | 8.16 | 8.36 | 358310000 |

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:02
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: Aug 19 11:06:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 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... | 4.652 | 3.799 | 110.1E6 | 520.8E6 | 95.666 | 102.052 |
| 2) | SA Decachlor... | 10.428 | 8.814 | 86633717 | 753.4E6 | 93.410 | 97.552 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.803 | 4.897 | 37260672 | 496.7E6 | 942.104 | 973.357 |
| 4) | L1 AR-1016-2 | 5.824 | 4.956 | 55294208 | 239.2E6 | 933.216 | 984.625 |
| 5) | L1 AR-1016-3 | 5.887 | 5.075 | 37159554 | 133.0E6 | 934.363 | 959.281 |
| 6) | L1 AR-1016-4 | 5.984 | 5.116 | 30238509 | 133.5E6 | 929.173 | 974.244 |
| 7) | L1 AR-1016-5 | 6.276 | 5.330 | 29225854 | 154.1E6 | 938.900 | 996.408 |
| 31) | L7 AR-1260-1 | 7.393 | 6.360 | 48563391 | 363.3E6 | 934.758 | 969.444 |
| 32) | L7 AR-1260-2 | 7.646 | 6.547 | 57520052 | 523.8E6 | 929.580 | 993.355 |
| 33) | L7 AR-1260-3 | 8.005 | 6.702 | 45466412 | 397.9E6 | 947.681 | 966.671 |
| 34) | L7 AR-1260-4 | 8.232 | 7.171 | 53945139 | 386.6E6 | 932.429 | 974.616 |
| 35) | L7 AR-1260-5 | 8.558 | 7.410 | 98135607 | 1072.0E6 | 950.701 | 1014.931 |

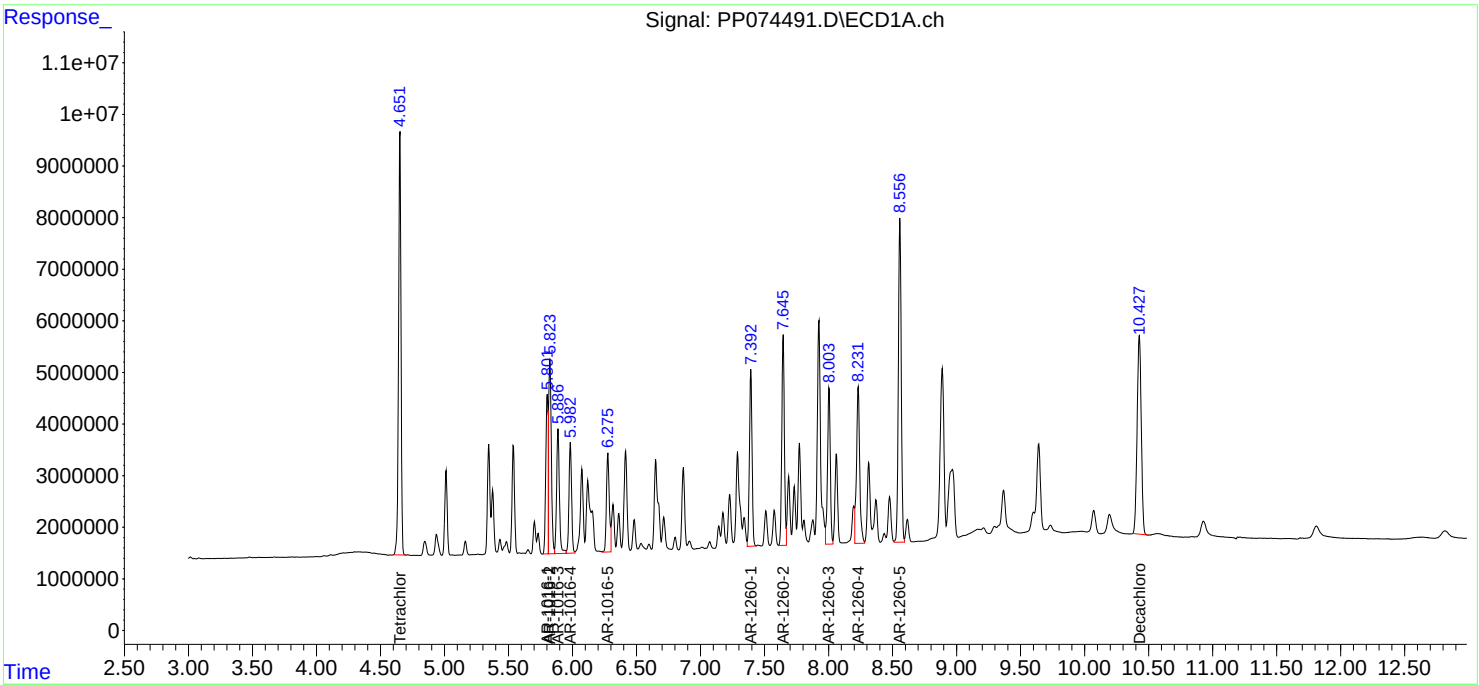
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

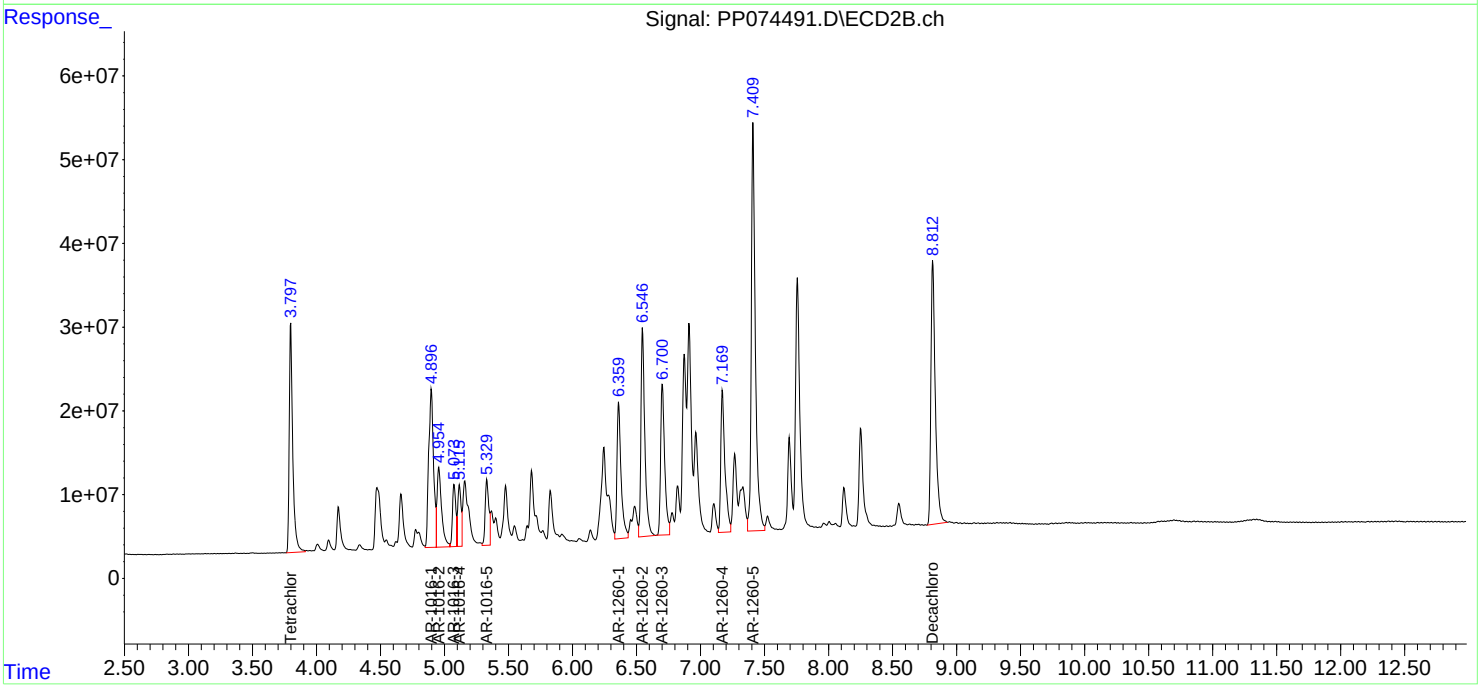
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:02
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

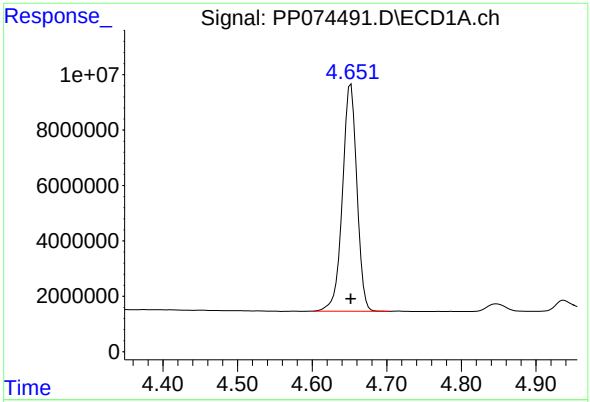
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:06:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 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



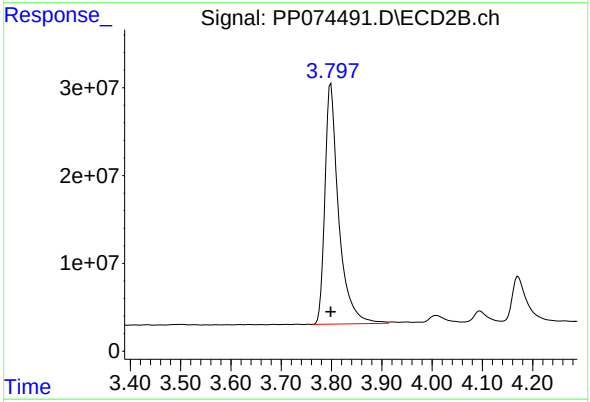






#1 Tetrachloro-m-xylene

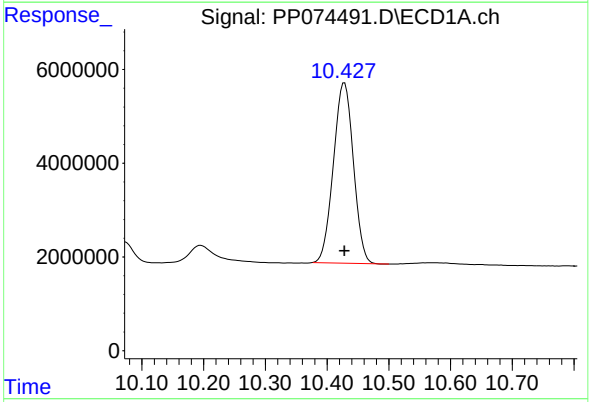
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 110095357
Conc: 95.67 ng/ml

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



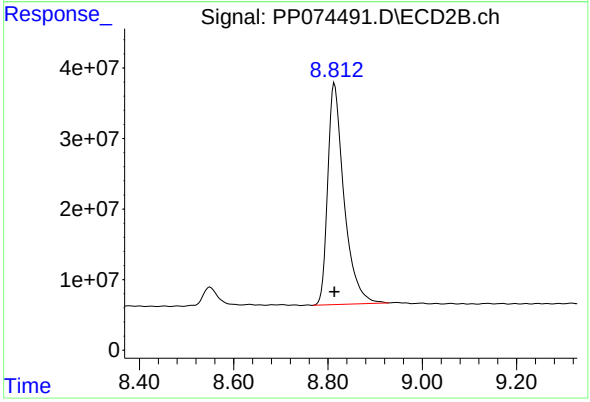

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 520809614
Conc: 102.05 ng/ml



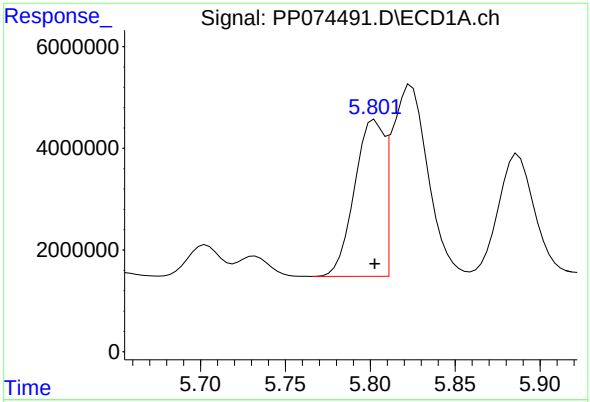

#2 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: 0.000 min
Response: 86633717
Conc: 93.41 ng/ml




#2 Decachlorobiphenyl

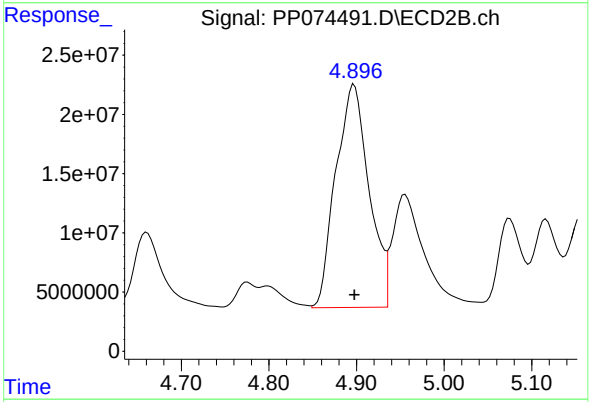
R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 753433274
Conc: 97.55 ng/ml




#3 AR-1016-1

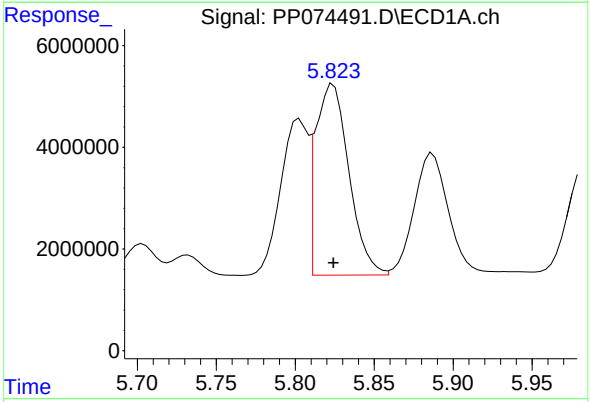
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 37260672
Conc: 942.10 ng/ml

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



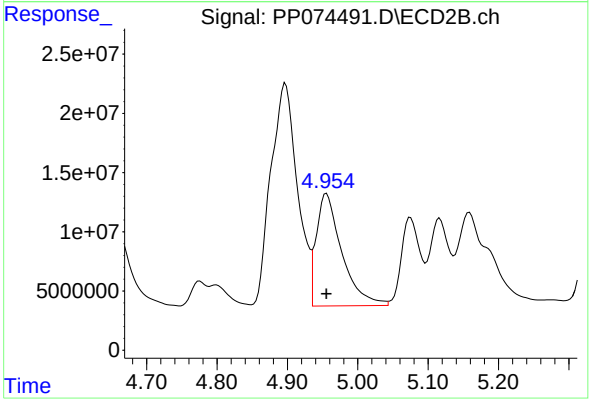

#3 AR-1016-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 496657182
Conc: 973.36 ng/ml



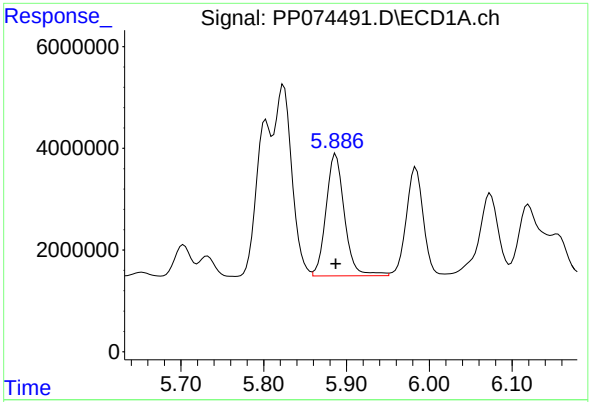

#4 AR-1016-2

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 55294208
Conc: 933.22 ng/ml




#4 AR-1016-2

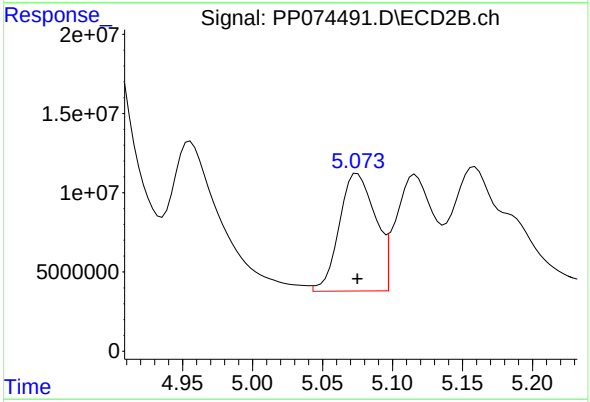
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 239168801
Conc: 984.63 ng/ml




#5 AR-1016-3

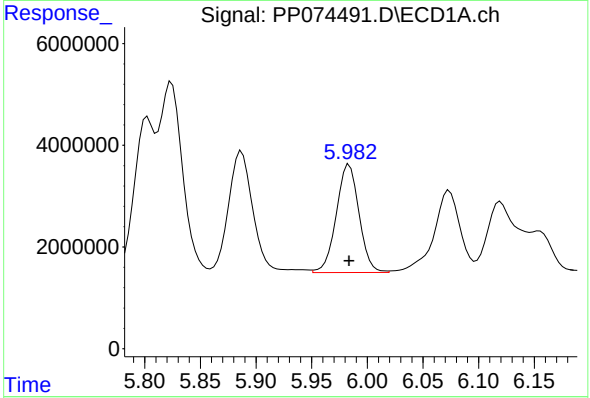
R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 37159554
Conc: 934.36 ng/ml

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



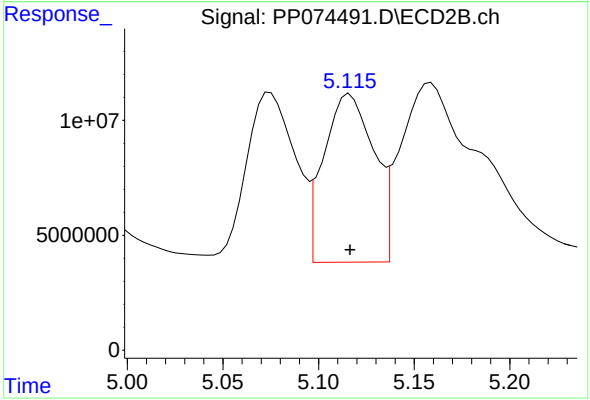

#5 AR-1016-3

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 133036564
Conc: 959.28 ng/ml



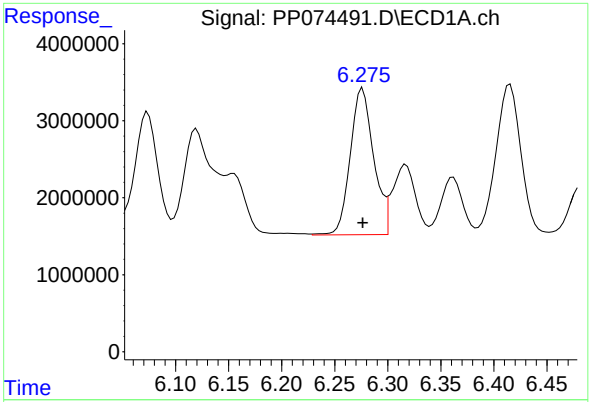

#6 AR-1016-4

R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 30238509
Conc: 929.17 ng/ml




#6 AR-1016-4

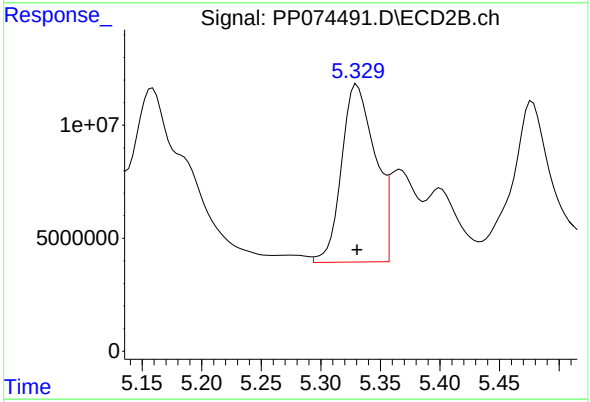
R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 133477489
Conc: 974.24 ng/ml




#7 AR-1016-5

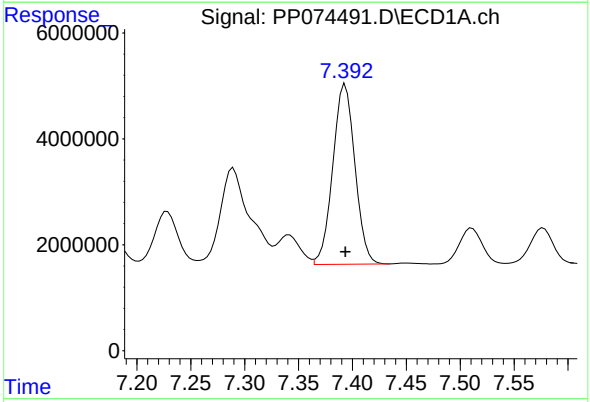
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 29225854
Conc: 938.90 ng/ml

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



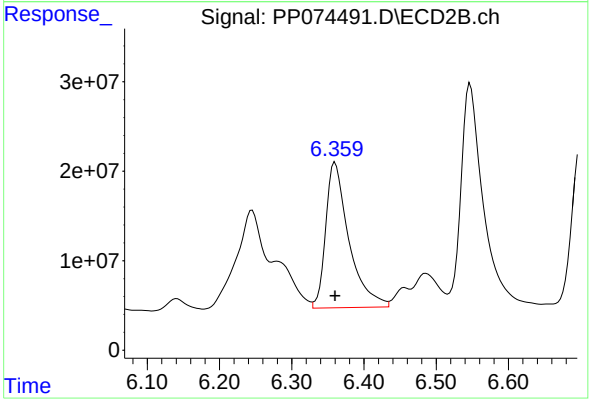

#7 AR-1016-5

R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 154126731
Conc: 996.41 ng/ml



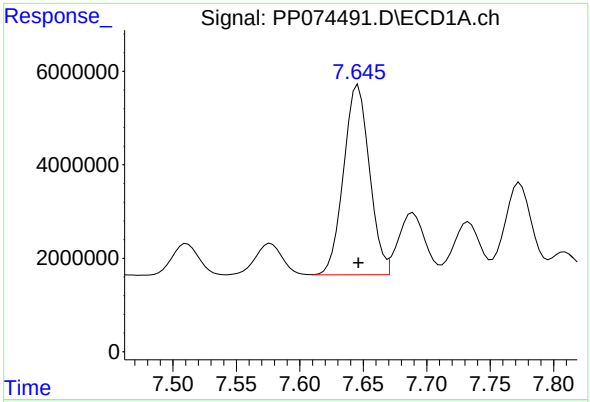

#31 AR-1260-1

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 48563391
Conc: 934.76 ng/ml




#31 AR-1260-1

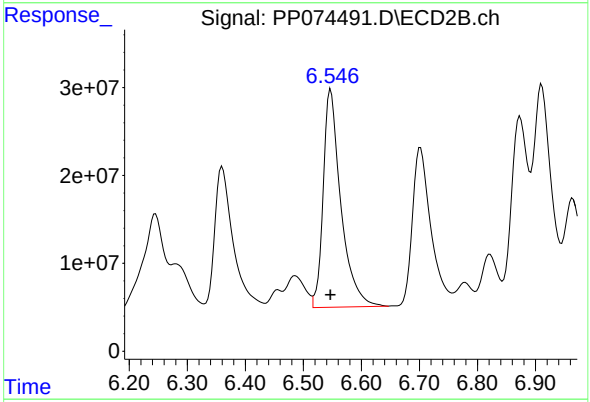
R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 363284667
Conc: 969.44 ng/ml




#32 AR-1260-2

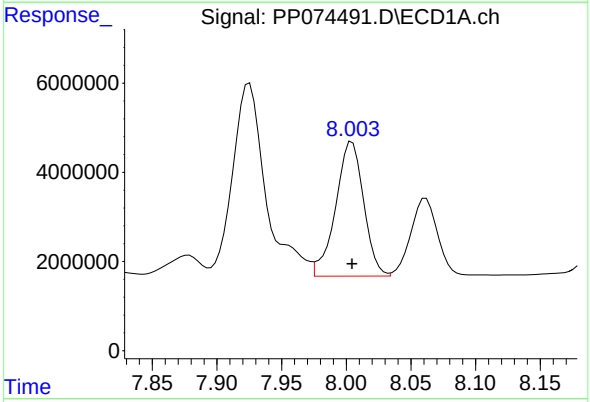
R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 57520052
Conc: 929.58 ng/ml

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



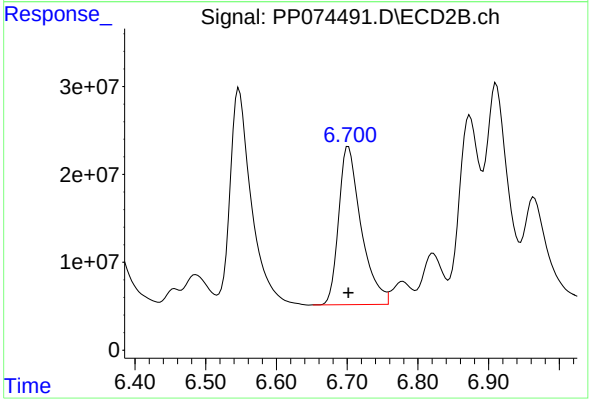

#32 AR-1260-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 523788027
Conc: 993.36 ng/ml



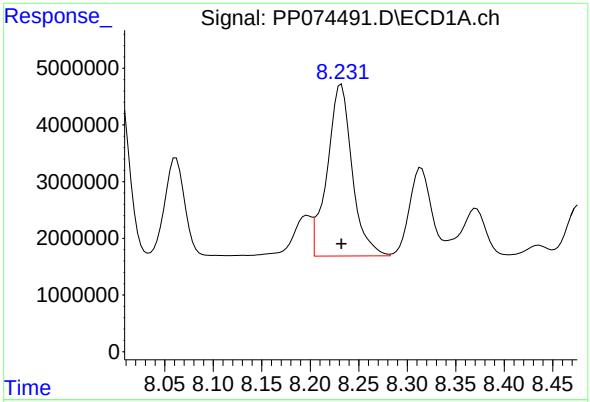

#33 AR-1260-3

R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 45466412
Conc: 947.68 ng/ml




#33 AR-1260-3

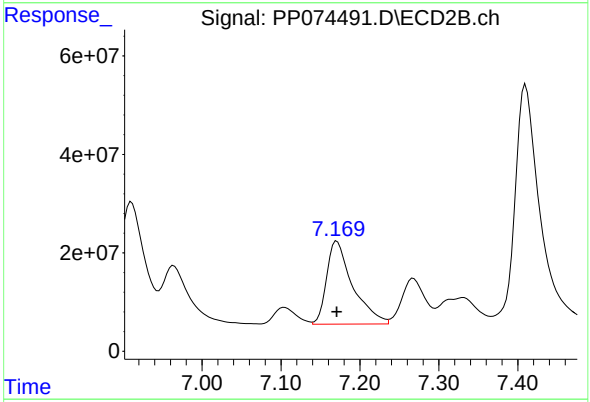
R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 397906310
Conc: 966.67 ng/ml




#34 AR-1260-4

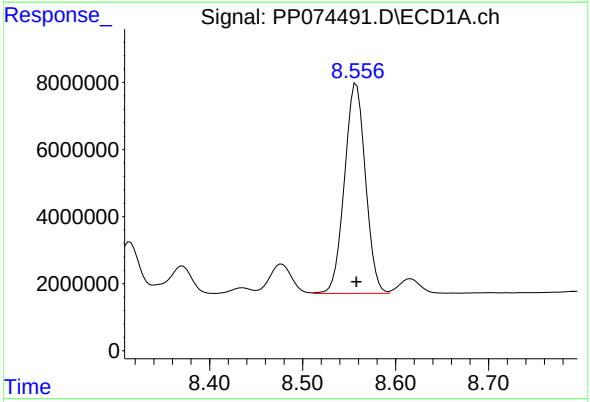
R.T.: 8.232 min
Delta R.T.: 0.000 min
Response: 53945139
Conc: 932.43 ng/ml

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



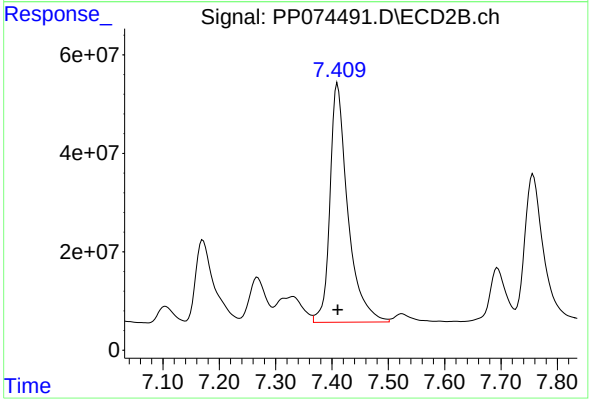

#34 AR-1260-4

R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 386647802
Conc: 974.62 ng/ml




#35 AR-1260-5

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 98135607
Conc: 950.70 ng/ml




#35 AR-1260-5

R.T.: 7.410 min
Delta R.T.: 0.000 min
Response: 1072036571
Conc: 1014.93 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:18
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: Aug 19 11:09:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 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... | 4.657 | 3.801 | 85742660 | 402.2E6 | 74.669 | 77.493 |
| 2) | SA Decachlor... | 10.436 | 8.818 | 69146629 | 558.3E6 | 74.703 | 73.173 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.809 | 4.901 | 29373920 | 377.8E6 | 745.114 | 743.573 |
| 4) | L1 AR-1016-2 | 5.830 | 4.960 | 44008737 | 178.9E6 | 745.150 | 740.978 |
| 5) | L1 AR-1016-3 | 5.893 | 5.080 | 29872057 | 97593634 | 750.747 | 718.495 |
| 6) | L1 AR-1016-4 | 5.990 | 5.119 | 24046043 | 103.5E6 | 742.557 | 753.627 |
| 7) | L1 AR-1016-5 | 6.283 | 5.334 | 22984461 | 114.4E6 | 742.221 | 743.238 |
| 31) | L7 AR-1260-1 | 7.400 | 6.364 | 38387875 | 284.1E6 | 742.562 | 755.444 |
| 32) | L7 AR-1260-2 | 7.653 | 6.550 | 45523199 | 389.3E6 | 740.405 | 742.125 |
| 33) | L7 AR-1260-3 | 8.011 | 6.705 | 36173272 | 302.9E6 | 752.648 | 740.452 |
| 34) | L7 AR-1260-4 | 8.239 | 7.174 | 42864768 | 297.4E6 | 743.914 | 749.762 |
| 35) | L7 AR-1260-5 | 8.564 | 7.414 | 77162060 | 787.1E6 | 748.343 | 746.776 |

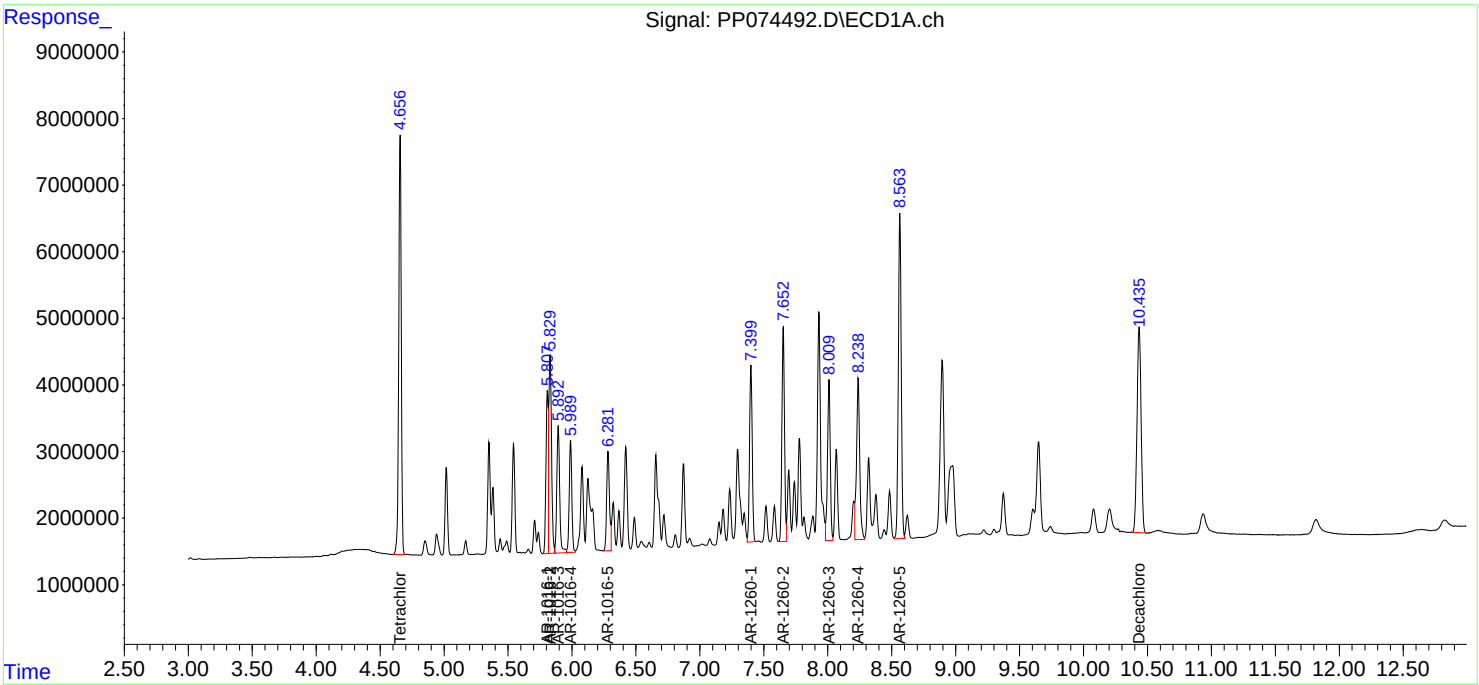
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

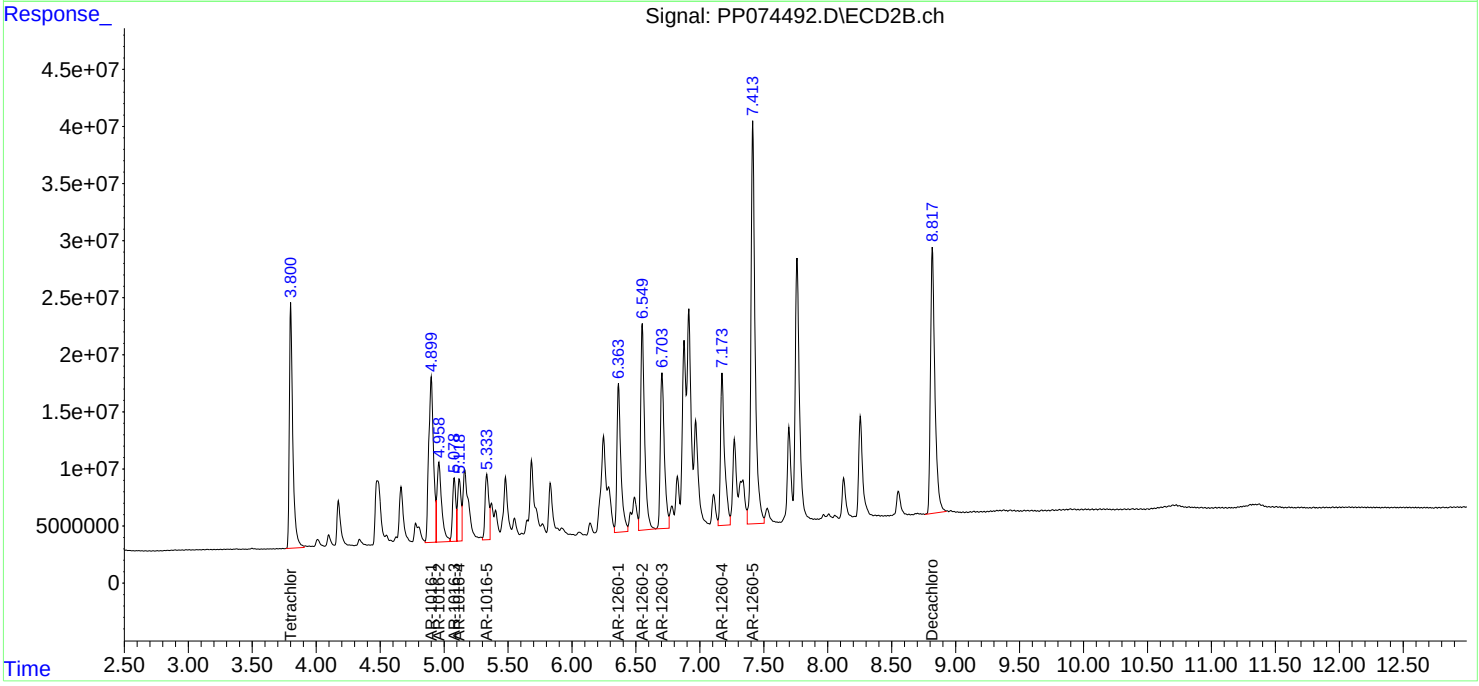
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:18
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

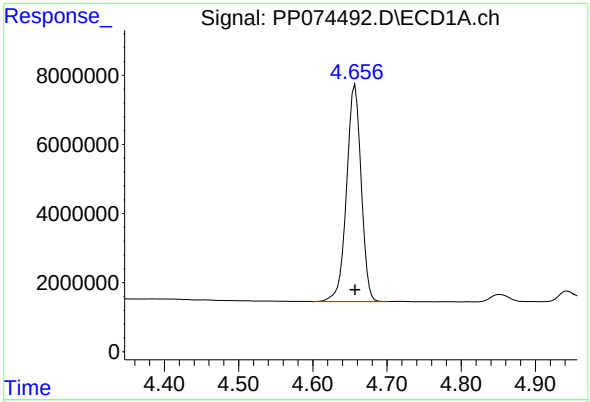
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:09:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 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



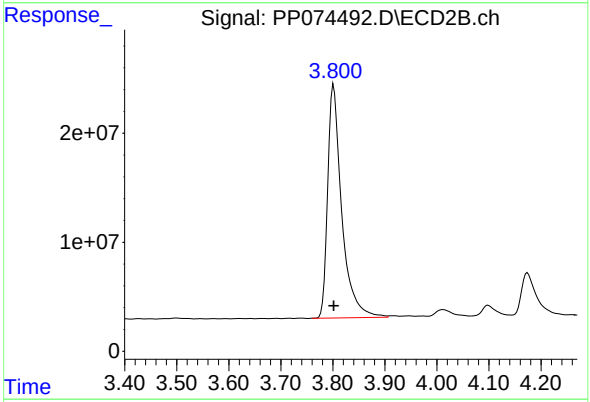






#1 Tetrachloro-m-xylene

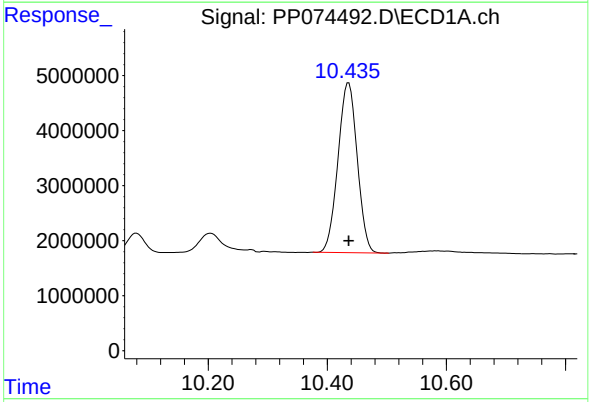
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 85742660
Conc: 74.67 ng/ml

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



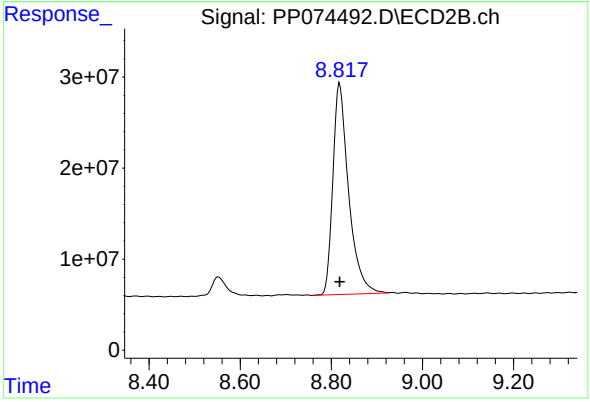

#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 402161534
Conc: 77.49 ng/ml



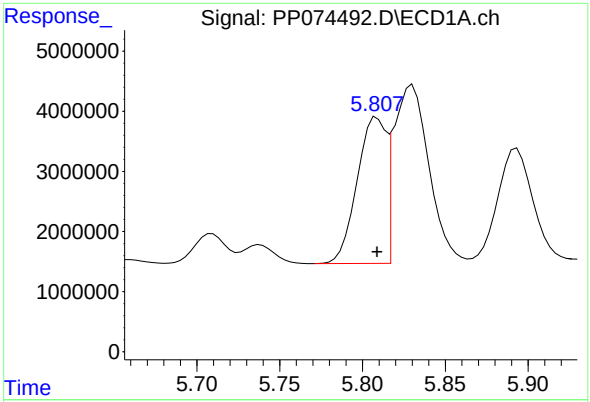

#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 69146629
Conc: 74.70 ng/ml




#2 Decachlorobiphenyl

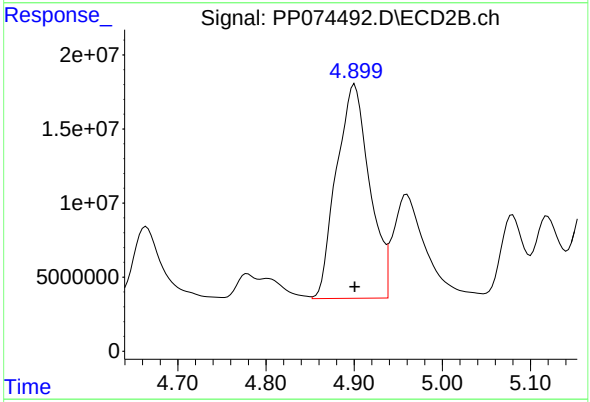
R.T.: 8.818 min
Delta R.T.: 0.000 min
Response: 558341668
Conc: 73.17 ng/ml




#3 AR-1016-1

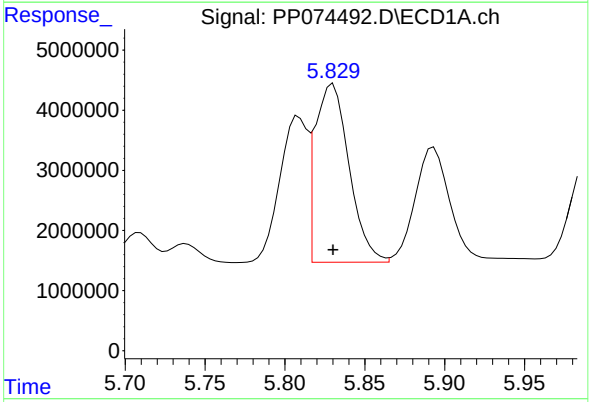
R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 29373920
Conc: 745.11 ng/ml

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



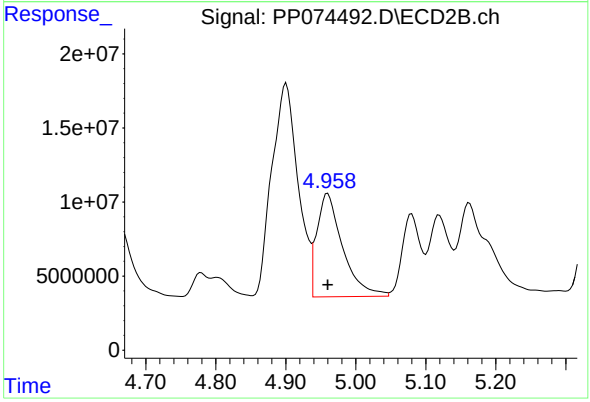

#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 377790595
Conc: 743.57 ng/ml



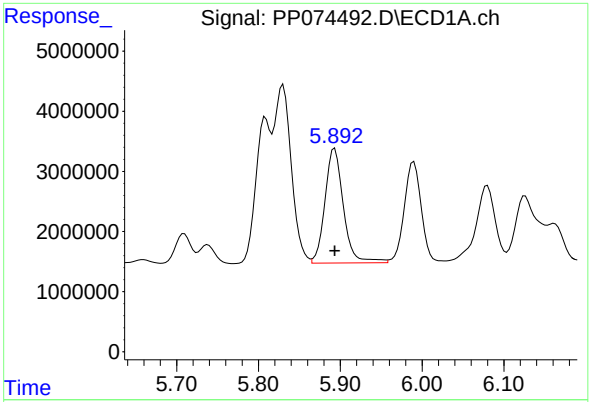

#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 44008737
Conc: 745.15 ng/ml




#4 AR-1016-2

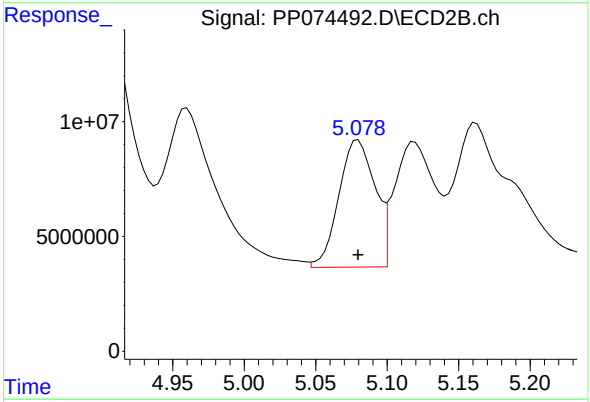
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 178909879
Conc: 740.98 ng/ml




#5 AR-1016-3

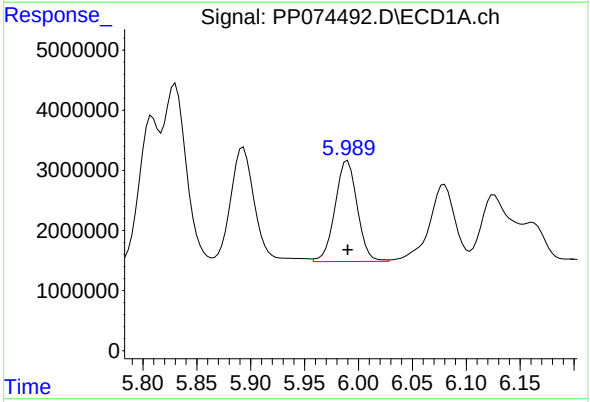
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 29872057
Conc: 750.75 ng/ml

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



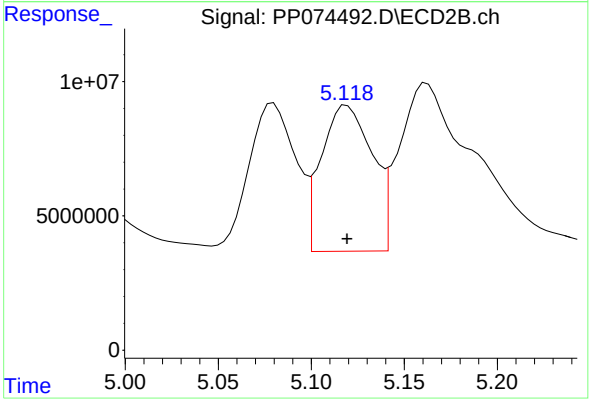

#5 AR-1016-3

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 97593634
Conc: 718.49 ng/ml



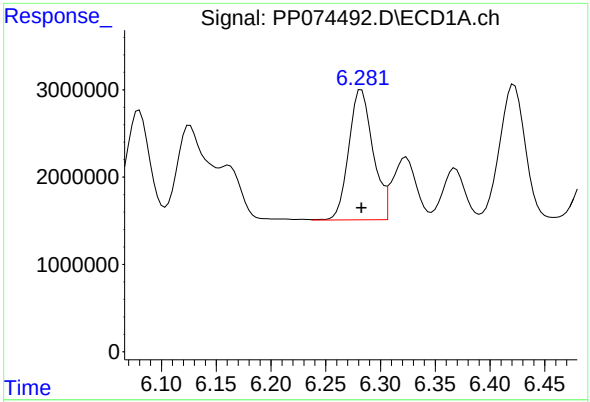

#6 AR-1016-4

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 24046043
Conc: 742.56 ng/ml




#6 AR-1016-4

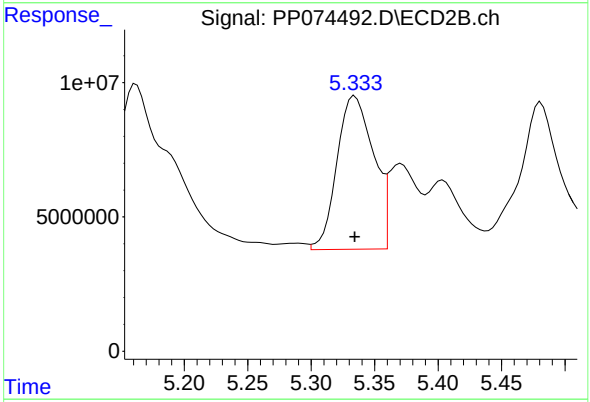
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 103501791
Conc: 753.63 ng/ml




#7 AR-1016-5

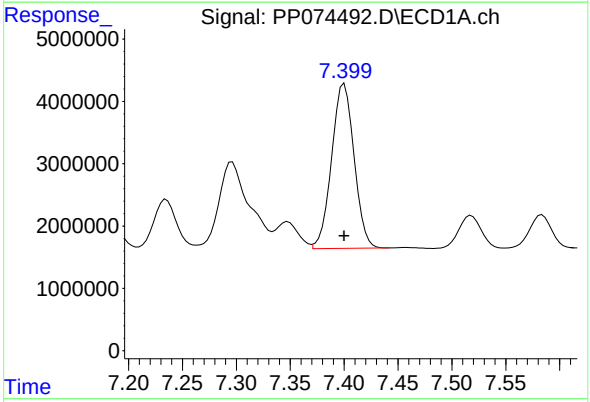
R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 22984461
Conc: 742.22 ng/ml

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



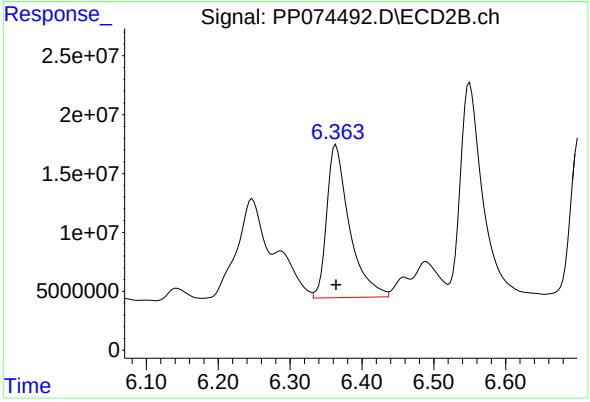

#7 AR-1016-5

R.T.: 5.334 min
Delta R.T.: 0.000 min
Response: 114449777
Conc: 743.24 ng/ml



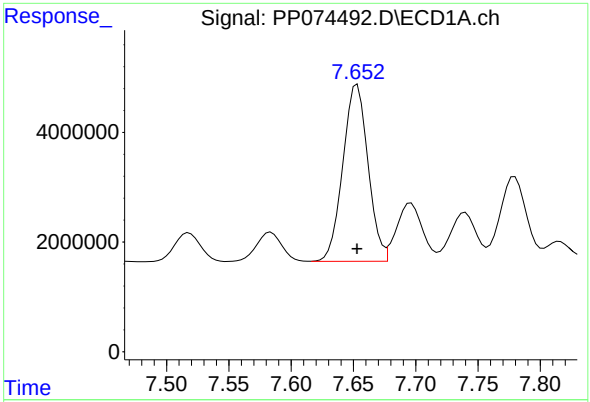

#31 AR-1260-1

R.T.: 7.400 min
Delta R.T.: 0.000 min
Response: 38387875
Conc: 742.56 ng/ml




#31 AR-1260-1

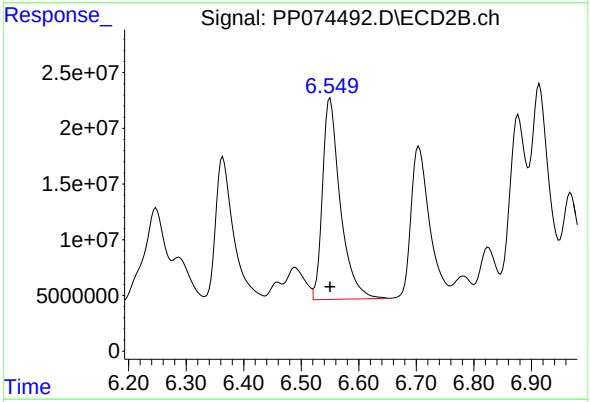
R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 284122321
Conc: 755.44 ng/ml




#32 AR-1260-2

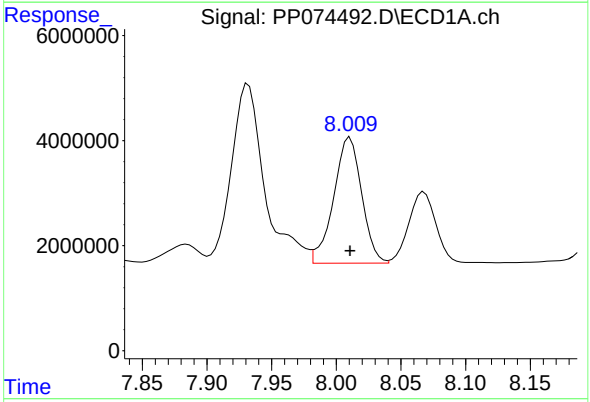
R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 45523199
Conc: 740.41 ng/ml

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



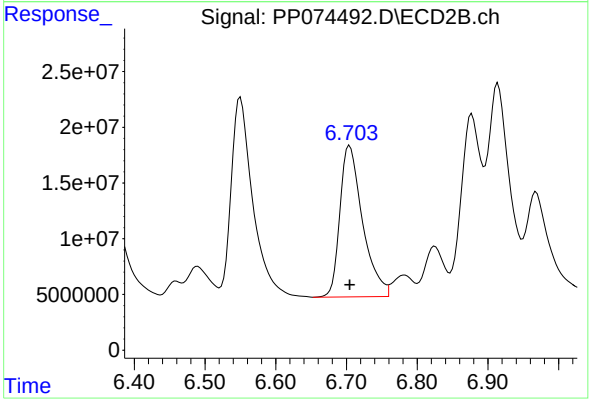

#32 AR-1260-2

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 389272252
Conc: 742.12 ng/ml



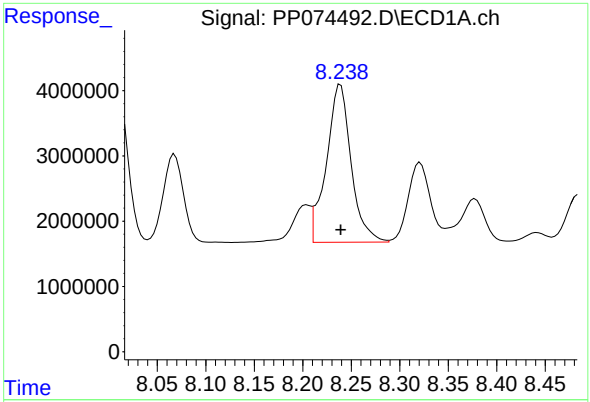

#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 36173272
Conc: 752.65 ng/ml




#33 AR-1260-3

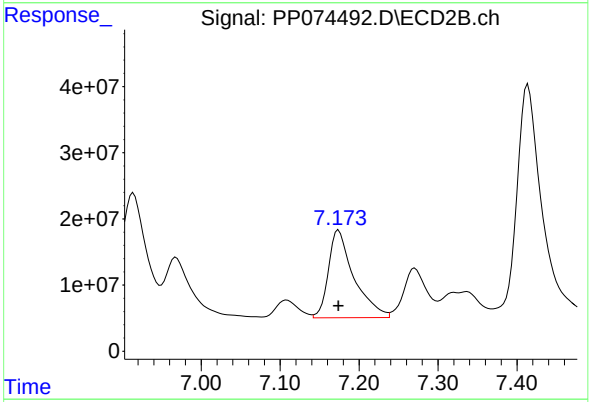
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 302860898
Conc: 740.45 ng/ml




#34 AR-1260-4

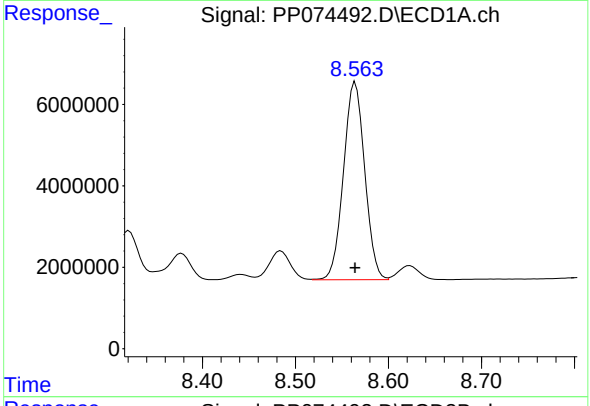
R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 42864768
Conc: 743.91 ng/ml

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



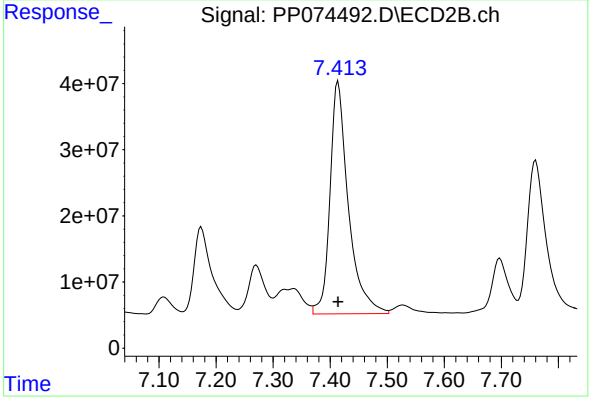

#34 AR-1260-4

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 297396682
Conc: 749.76 ng/ml




#35 AR-1260-5

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 77162060
Conc: 748.34 ng/ml




#35 AR-1260-5

R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 787102424
Conc: 746.78 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:34
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: Aug 19 11:02:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 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... | 4.654 | 3.799 | 60035684 | 249.9E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.433 | 8.815 | 49428660 | 395.6E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.806 | 4.899 | 20920137 | 261.9E6 | 500.000 | 500.000 |
| 4) | L1 AR-1016-2 | 5.827 | 4.955 | 31604108 | 123.3E6 | 500.000 | 500.000 |
| 5) | L1 AR-1016-3 | 5.890 | 5.076 | 21190171 | 72165303 | 500.000 | 500.000 |
| 6) | L1 AR-1016-4 | 5.988 | 5.117 | 17424194 | 70267426 | 500.000 | 500.000 |
| 7) | L1 AR-1016-5 | 6.280 | 5.331 | 16514822 | 77618958 | 500.000 | 500.000 |
| 31) | L7 AR-1260-1 | 7.397 | 6.361 | 27671205 | 193.1E6 | 500.000 | 500.000 |
| 32) | L7 AR-1260-2 | 7.650 | 6.548 | 33117420 | 265.4E6 | 500.000 | 500.000 |
| 33) | L7 AR-1260-3 | 8.008 | 6.702 | 25243291 | 212.7E6 | 500.000 | 500.000 |
| 34) | L7 AR-1260-4 | 8.236 | 7.172 | 30881860 | 203.4E6 | 500.000 | 500.000 |
| 35) | L7 AR-1260-5 | 8.562 | 7.411 | 54156707 | 520.2E6 | 500.000 | 500.000 |

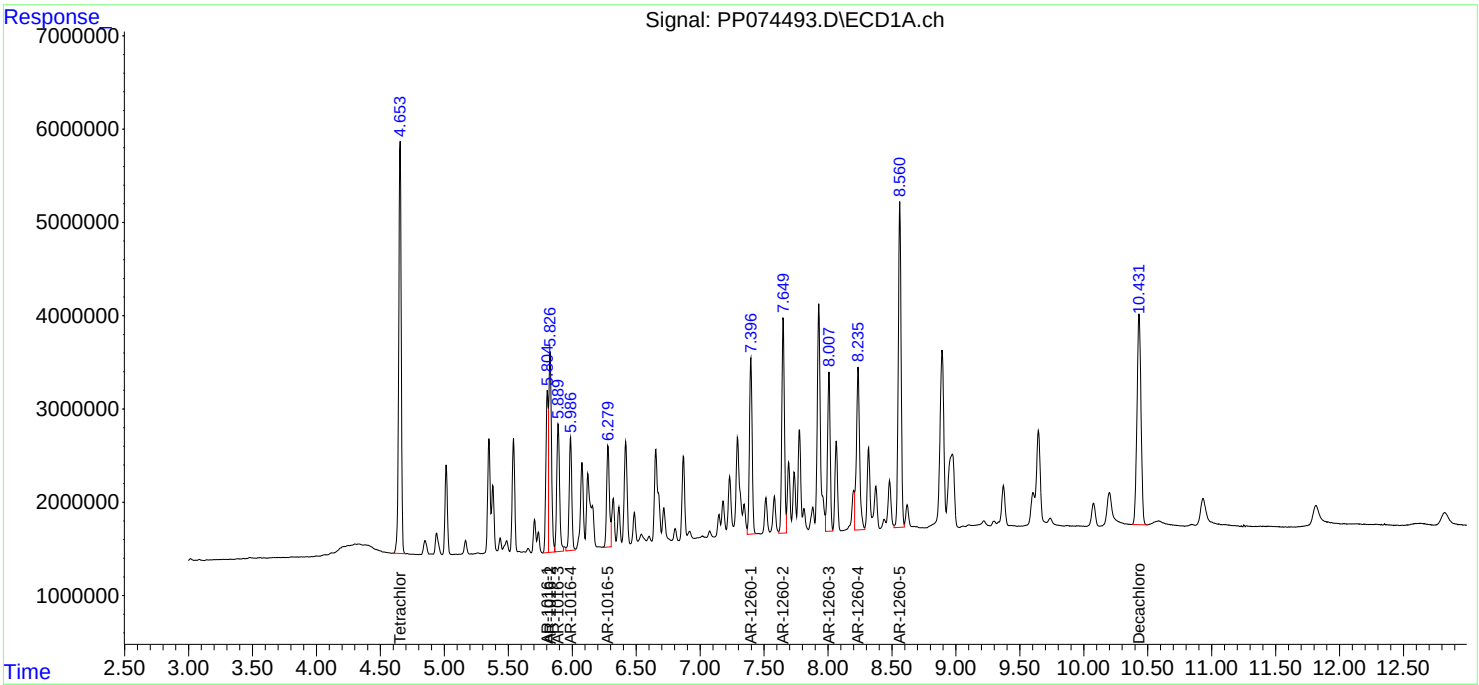
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

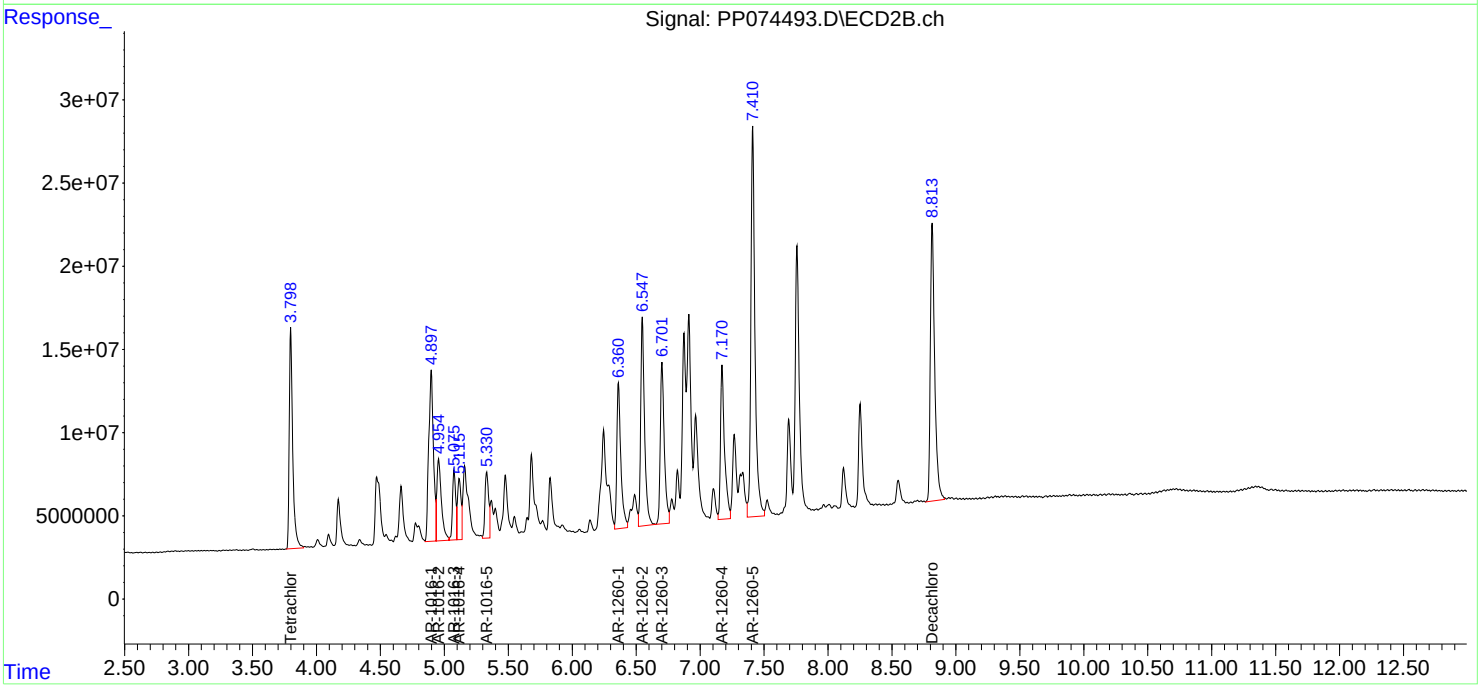
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:34
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

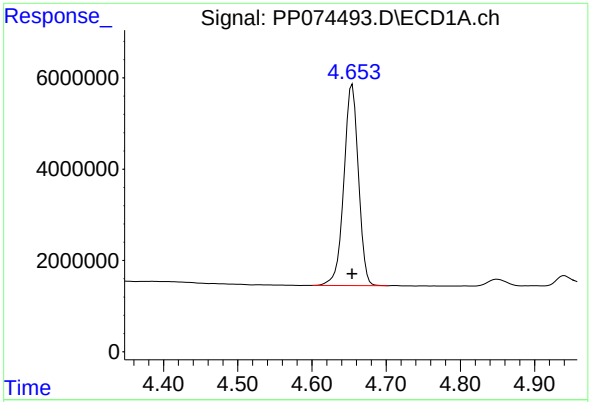
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:02:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 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



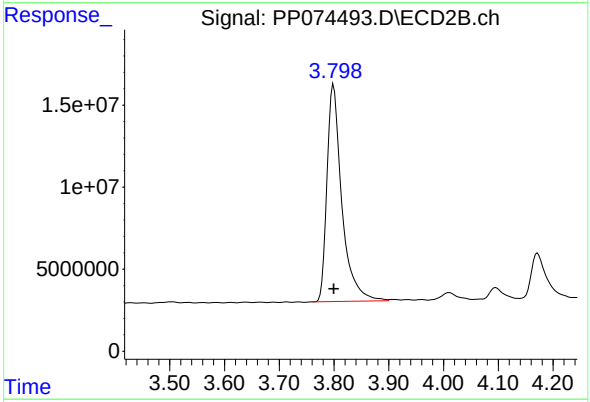






#1 Tetrachloro-m-xylene

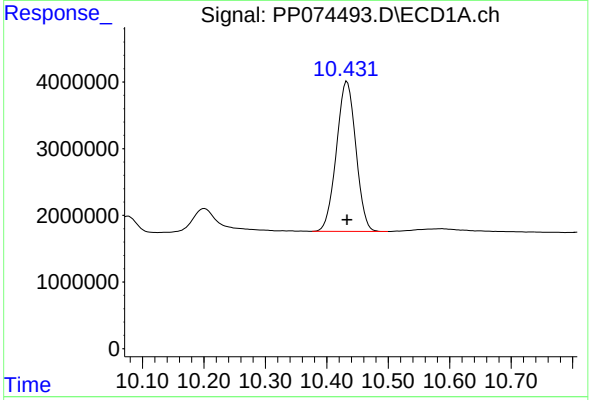
R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 60035684
Conc: 50.00 ng/ml

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



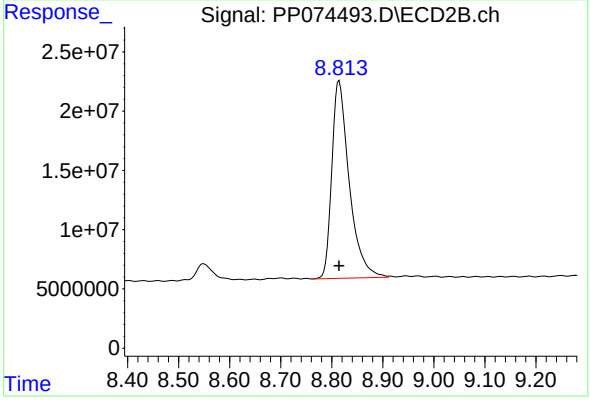

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 249934350
Conc: 50.00 ng/ml



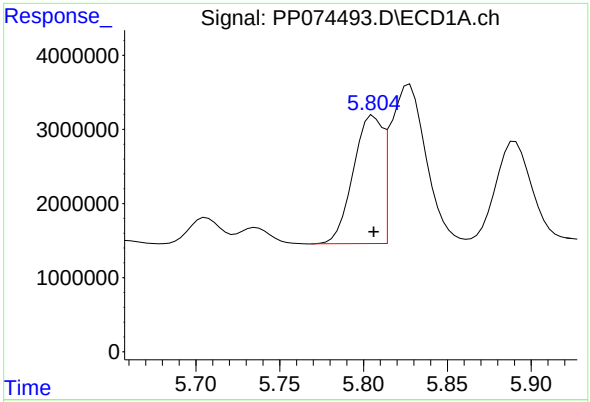

#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 49428660
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

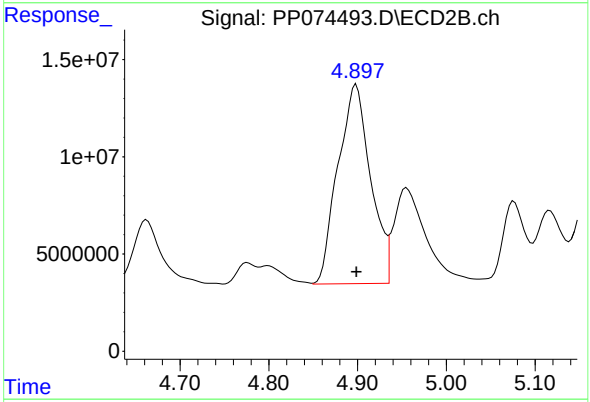
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 395626639
Conc: 50.00 ng/ml




#3 AR-1016-1

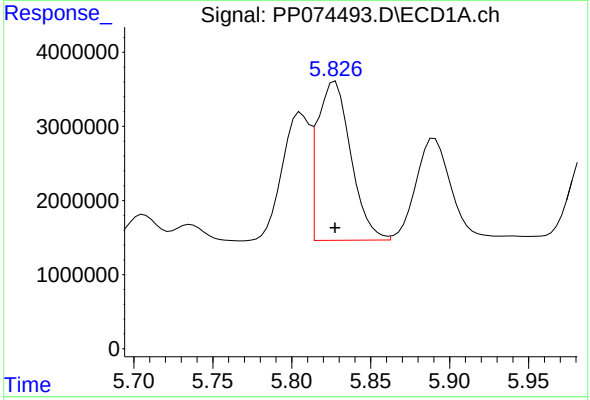
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 20920137
Conc: 500.00 ng/ml

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



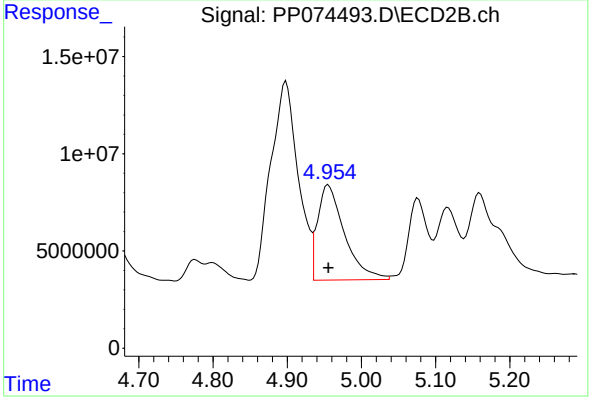

#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 261923114
Conc: 500.00 ng/ml



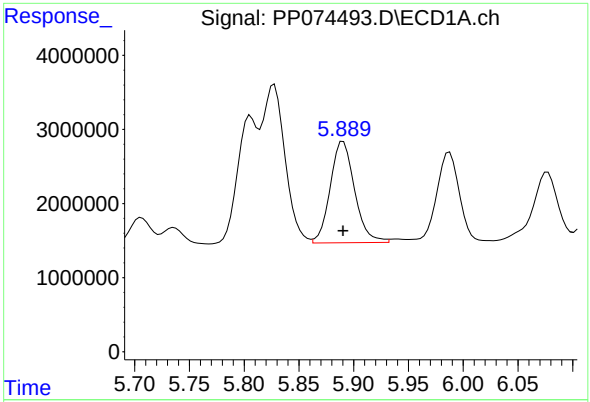

#4 AR-1016-2

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 31604108
Conc: 500.00 ng/ml




#4 AR-1016-2

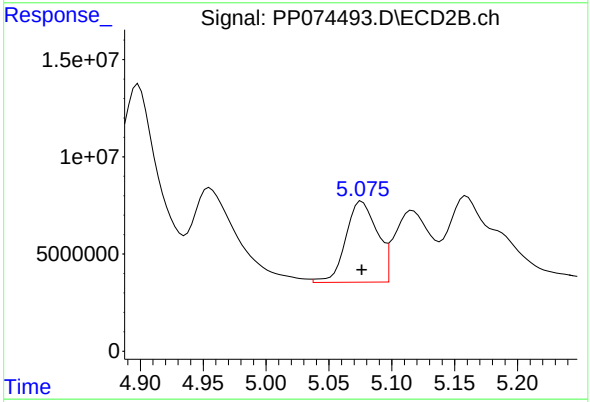
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 123319039
Conc: 500.00 ng/ml




#5 AR-1016-3

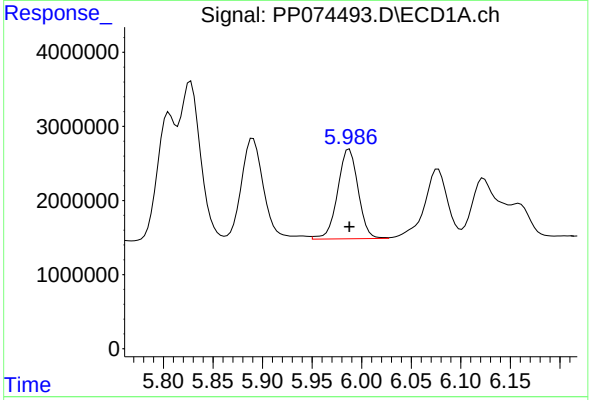
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 21190171
Conc: 500.00 ng/ml

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



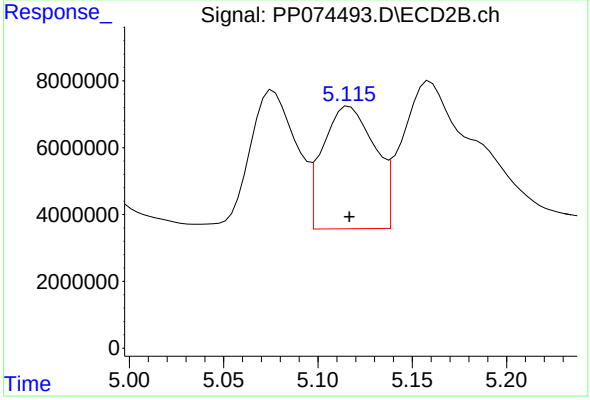

#5 AR-1016-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 72165303
Conc: 500.00 ng/ml



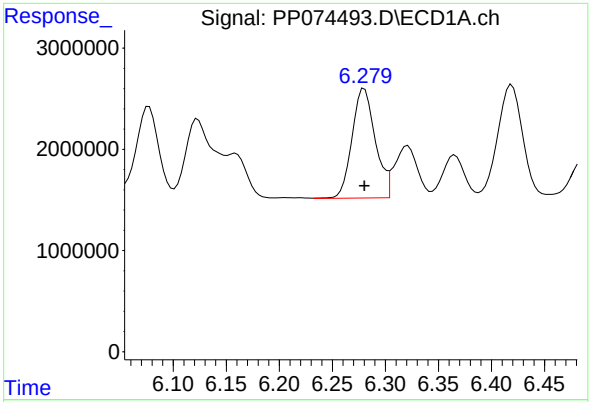

#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 17424194
Conc: 500.00 ng/ml




#6 AR-1016-4

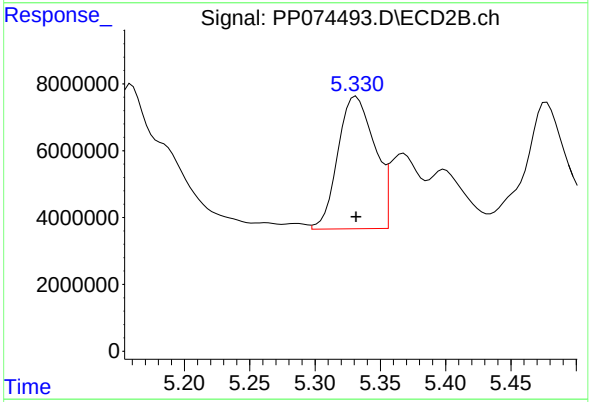
R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 70267426
Conc: 500.00 ng/ml




#7 AR-1016-5

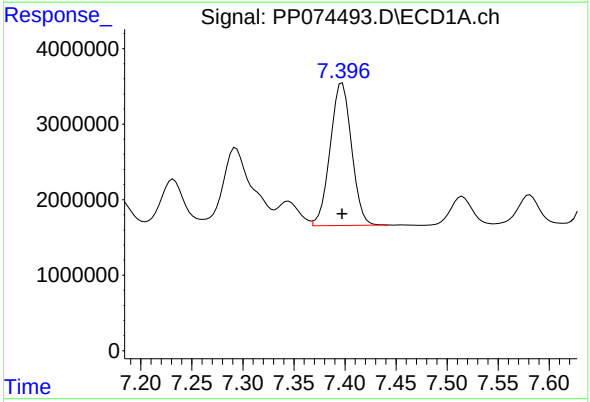
R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 16514822
Conc: 500.00 ng/ml

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



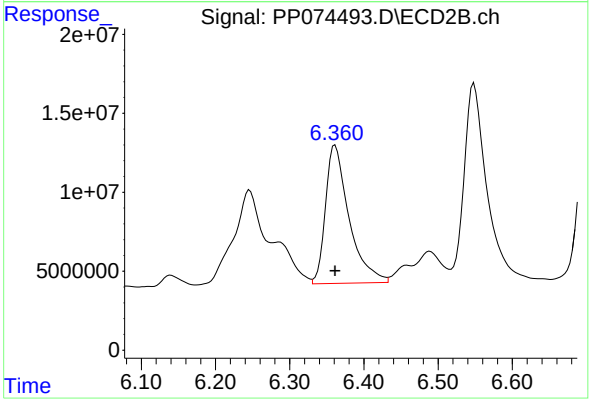

#7 AR-1016-5

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 77618958
Conc: 500.00 ng/ml



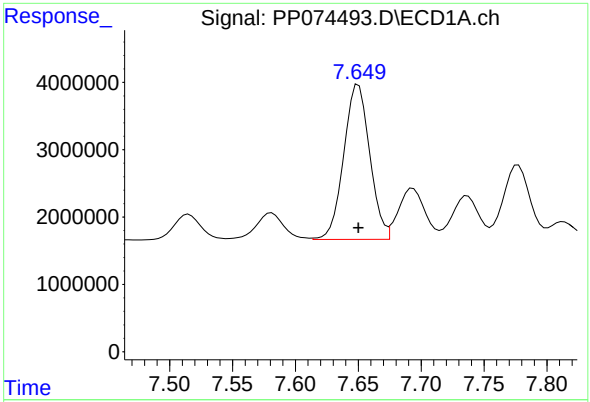

#31 AR-1260-1

R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 27671205
Conc: 500.00 ng/ml




#31 AR-1260-1

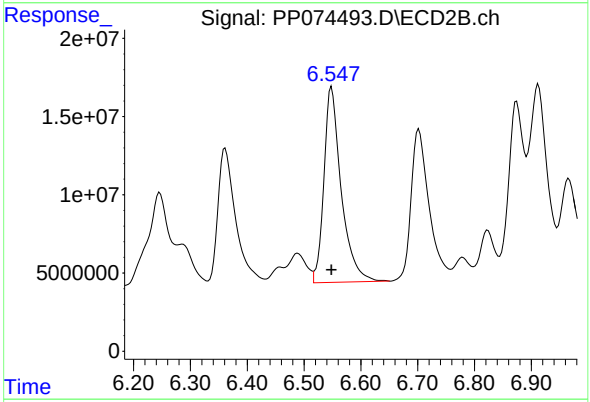
R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 193092595
Conc: 500.00 ng/ml




#32 AR-1260-2

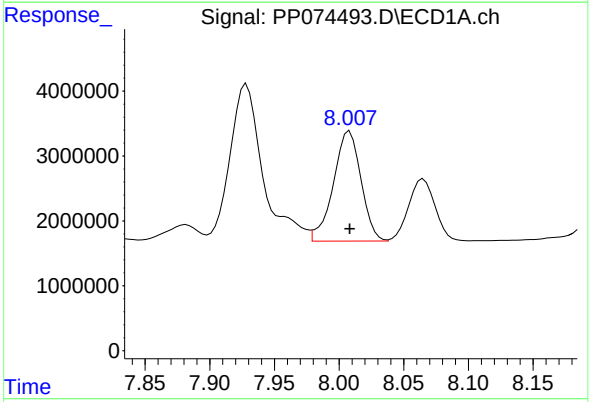
R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 33117420
Conc: 500.00 ng/ml

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



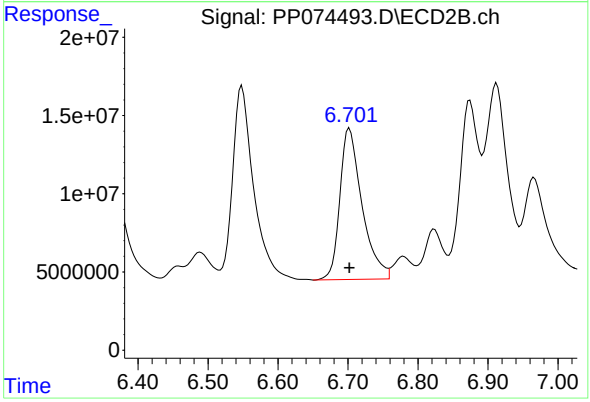

#32 AR-1260-2

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 265397633
Conc: 500.00 ng/ml



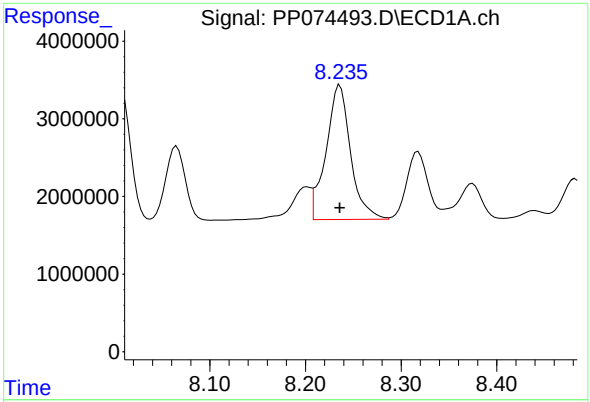

#33 AR-1260-3

R.T.: 8.008 min
Delta R.T.: 0.000 min
Response: 25243291
Conc: 500.00 ng/ml




#33 AR-1260-3

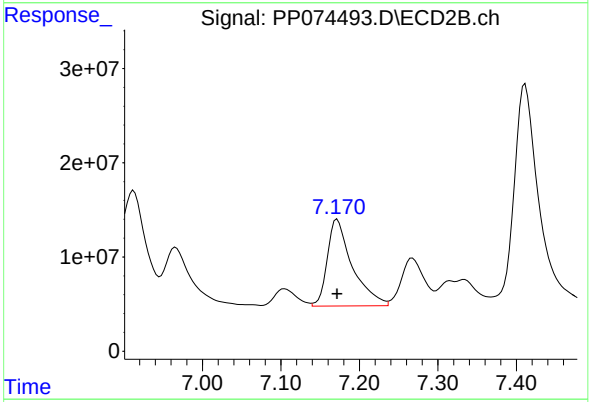
R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 212672406
Conc: 500.00 ng/ml




#34 AR-1260-4

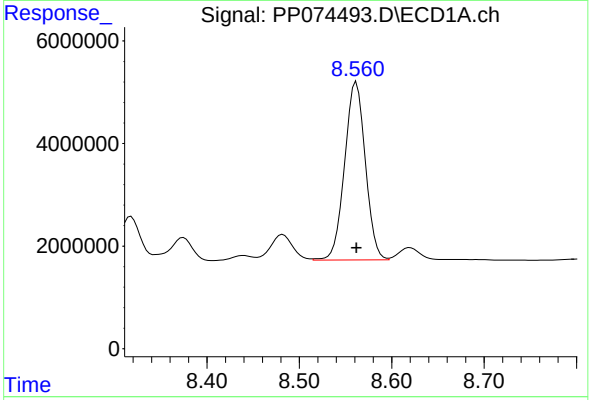
R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 30881860
Conc: 500.00 ng/ml

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



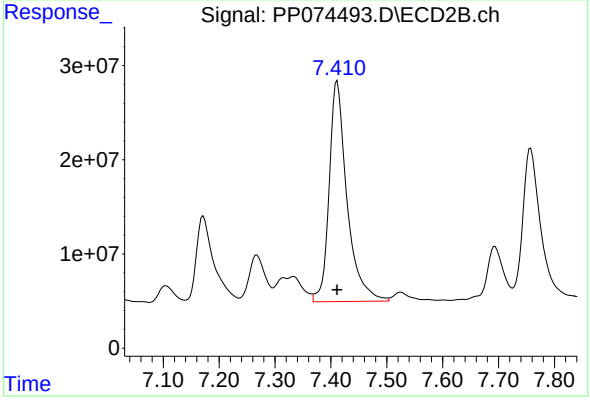

#34 AR-1260-4

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 203394094
Conc: 500.00 ng/ml




#35 AR-1260-5

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 54156707
Conc: 500.00 ng/ml




#35 AR-1260-5

R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 520247053
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:51
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: Aug 19 11:19:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 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... | 4.655 | 3.799 | 31713958 | 119.6E6 | 26.914 | 23.504 |
| 2) | SA Decachlor... | 10.434 | 8.814 | 26471241 | 192.3E6 | 27.605 | 25.146 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.807 | 4.898 | 11666881 | 128.3E6 | 282.947 | 251.814 |
| 4) | L1 AR-1016-2 | 5.828 | 4.955 | 17300138 | 62785628 | 280.868 | 257.451 |
| 5) | L1 AR-1016-3 | 5.891 | 5.076 | 12605142 | 35356900 | 296.959 | 257.647 |
| 6) | L1 AR-1016-4 | 5.988 | 5.117 | 9840543 | 35545917 | 288.345 | 256.557 |
| 7) | L1 AR-1016-5 | 6.281 | 5.331 | 9117281 | 40835857 | 281.897 | 261.221 |
| 31) | L7 AR-1260-1 | 7.398 | 6.362 | 15382503 | 95580250 | 284.046 | 253.089 |
| 32) | L7 AR-1260-2 | 7.651 | 6.548 | 18379468 | 128.9E6 | 284.986 | 246.798 |
| 33) | L7 AR-1260-3 | 8.008 | 6.701 | 14308554 | 103.0E6 | 284.156 | 251.347 |
| 34) | L7 AR-1260-4 | 8.237 | 7.171 | 16912466 | 95646887 | 281.275 | 243.291 |
| 35) | L7 AR-1260-5 | 8.562 | 7.410 | 29443860 | 251.5E6 | 275.751 | 241.347 |

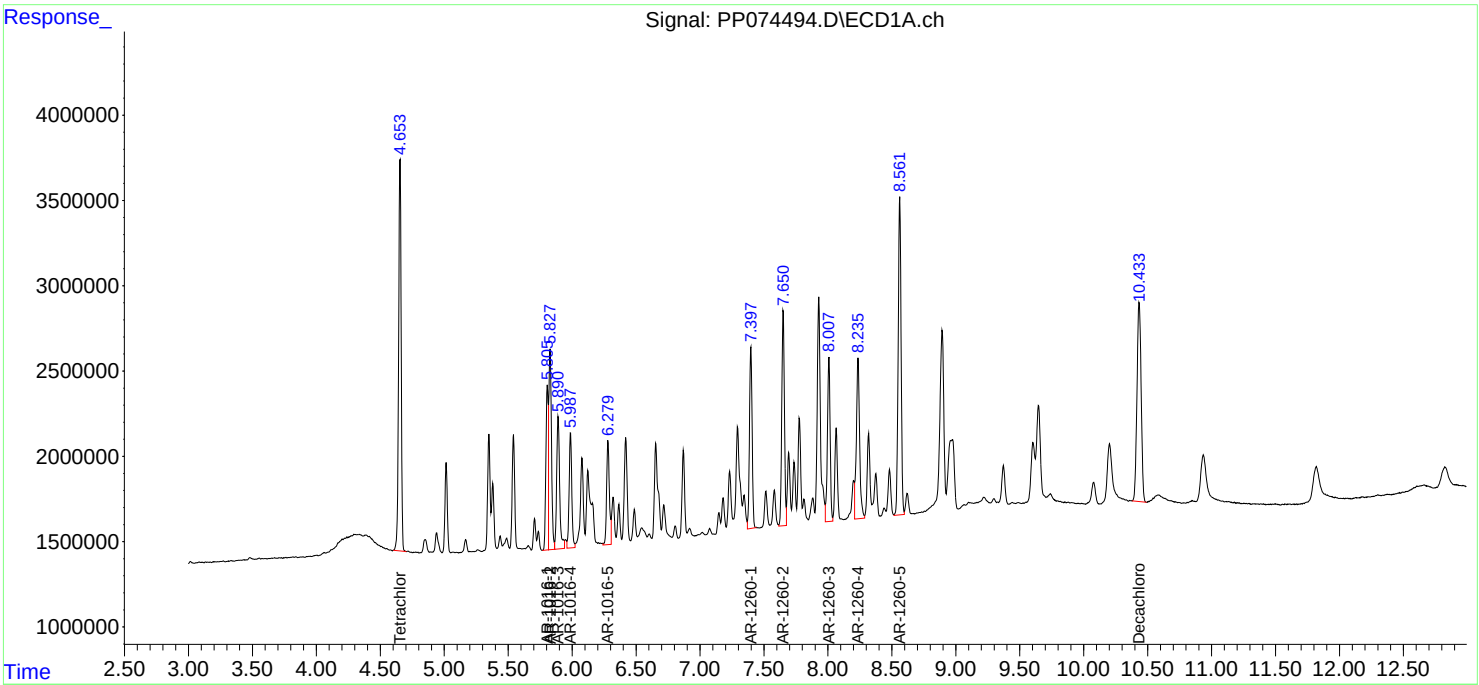
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

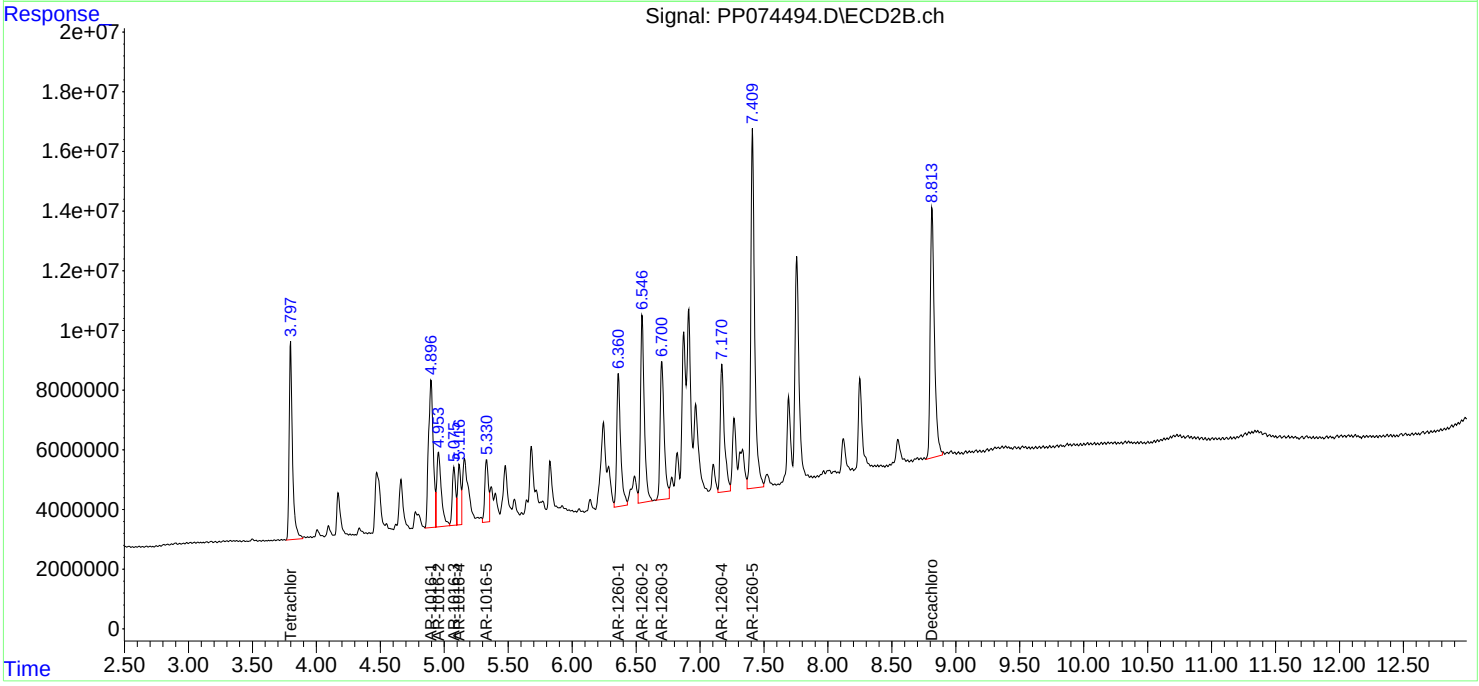
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:51
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

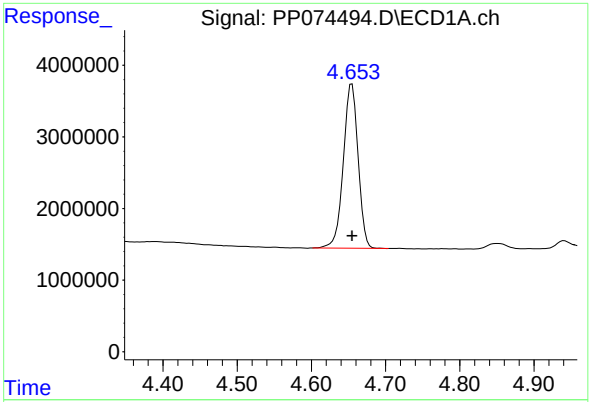
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:19:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 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



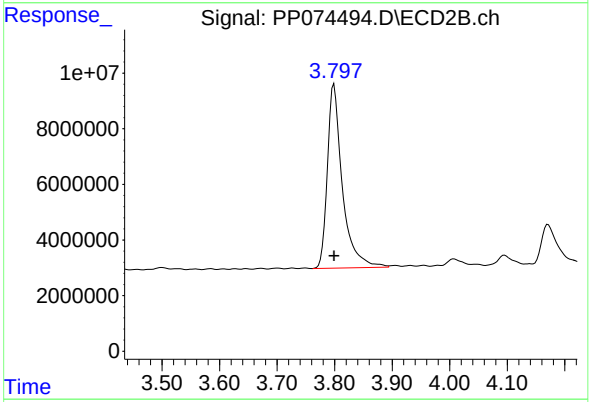






#1 Tetrachloro-m-xylene

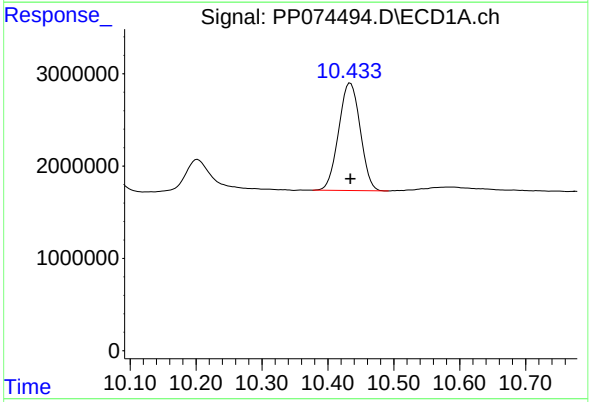
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 31713958
Conc: 26.91 ng/ml

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



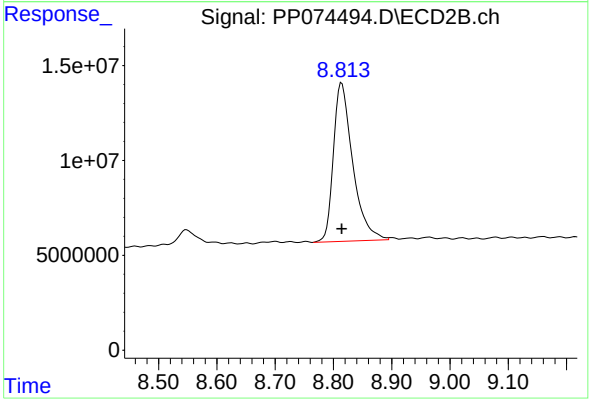

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 119591862
Conc: 23.50 ng/ml



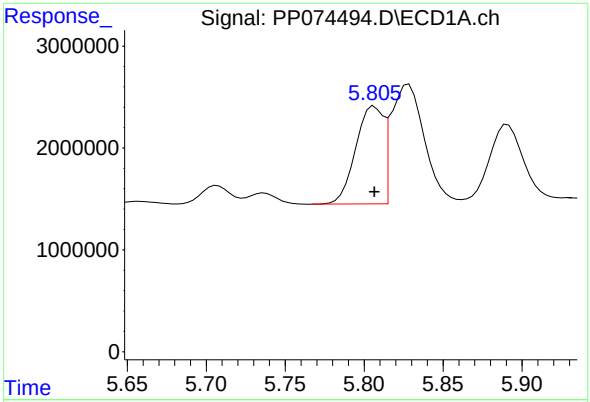

#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 26471241
Conc: 27.61 ng/ml




#2 Decachlorobiphenyl

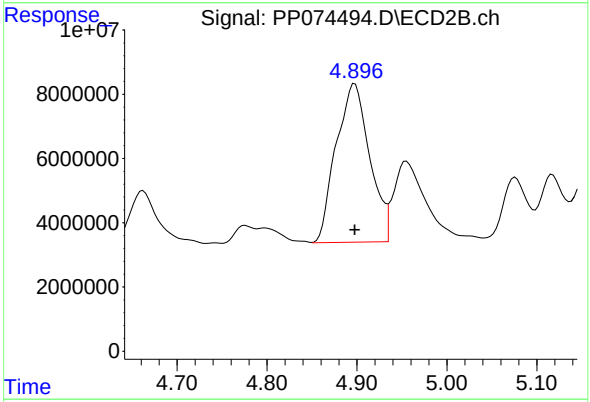
R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 192252050
Conc: 25.15 ng/ml




#3 AR-1016-1

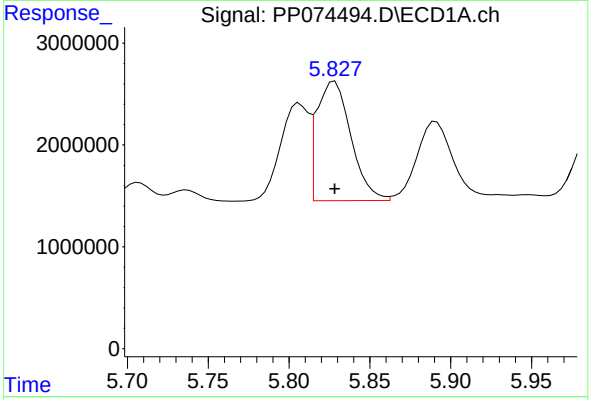
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 11666881
Conc: 282.95 ng/ml

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



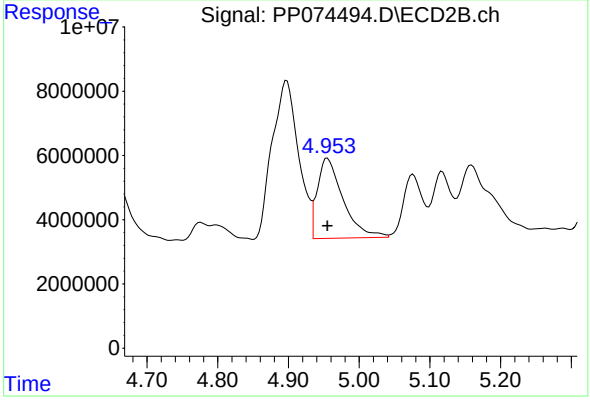

#3 AR-1016-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 128250724
Conc: 251.81 ng/ml



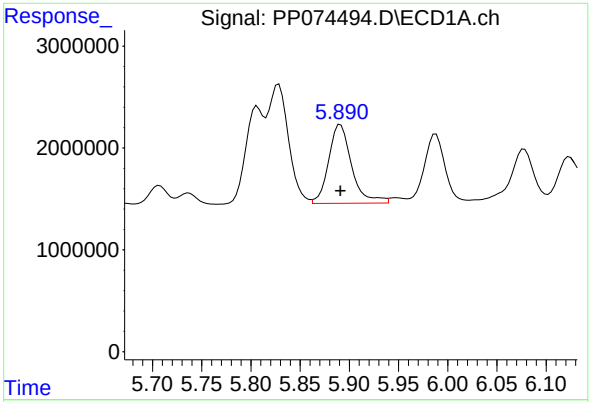

#4 AR-1016-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 17300138
Conc: 280.87 ng/ml




#4 AR-1016-2

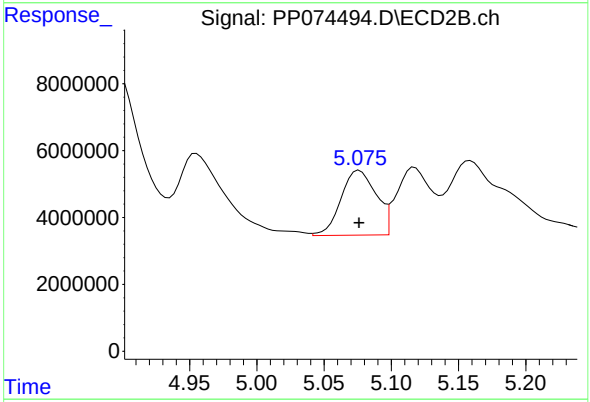
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 62785628
Conc: 257.45 ng/ml




#5 AR-1016-3

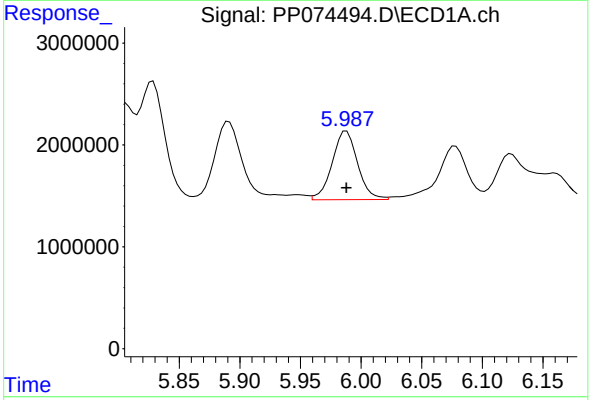
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 12605142
Conc: 296.96 ng/ml

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



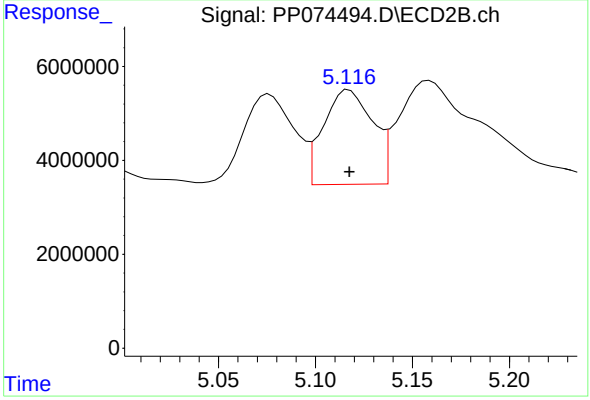

#5 AR-1016-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 35356900
Conc: 257.65 ng/ml



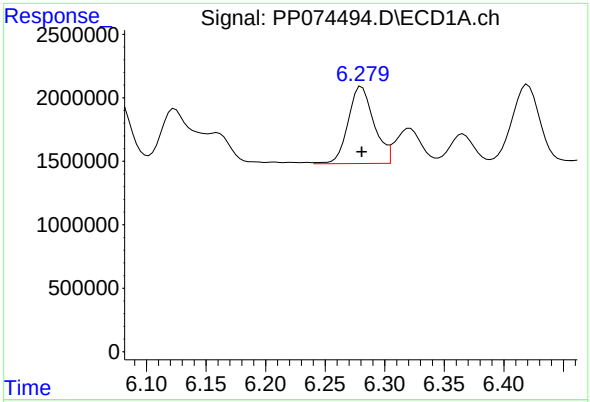

#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 9840543
Conc: 288.35 ng/ml




#6 AR-1016-4

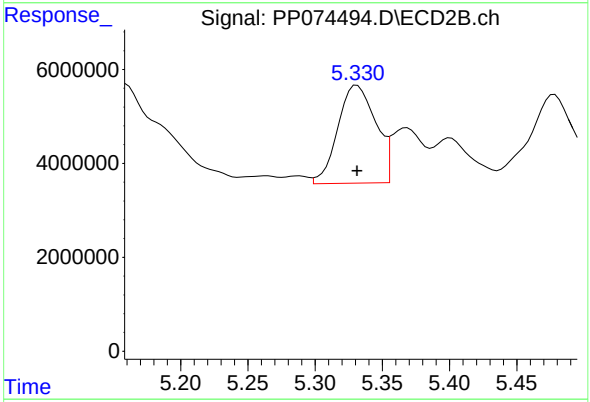
R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 35545917
Conc: 256.56 ng/ml




#7 AR-1016-5

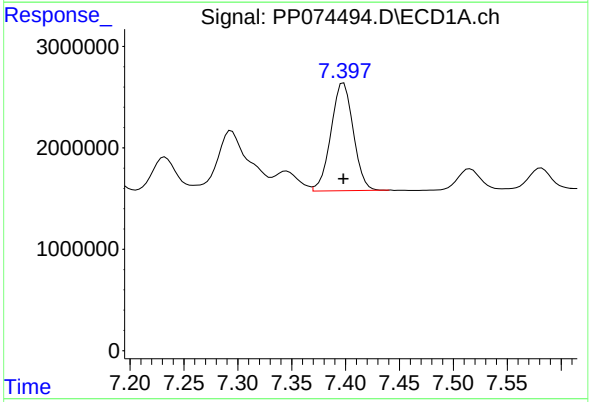
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 9117281
Conc: 281.90 ng/ml

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



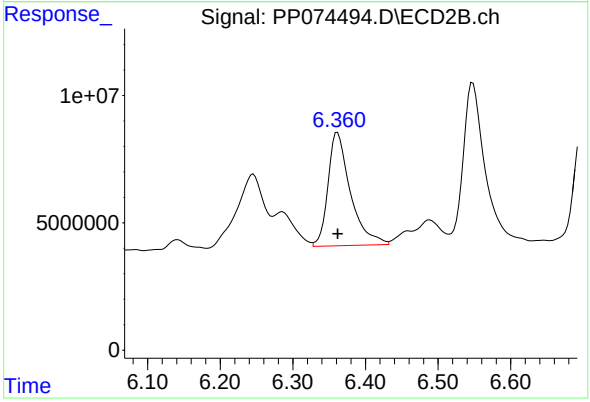

#7 AR-1016-5

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 40835857
Conc: 261.22 ng/ml



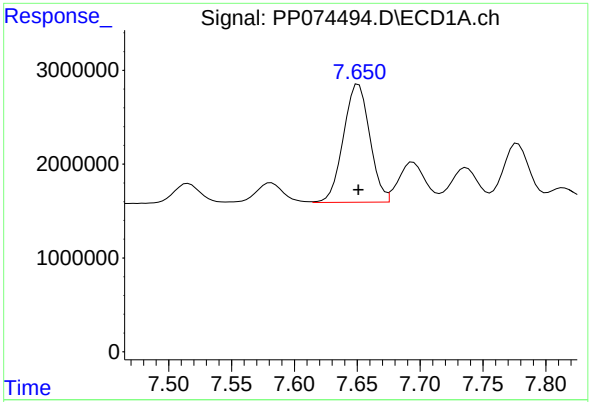

#31 AR-1260-1

R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 15382503
Conc: 284.05 ng/ml




#31 AR-1260-1

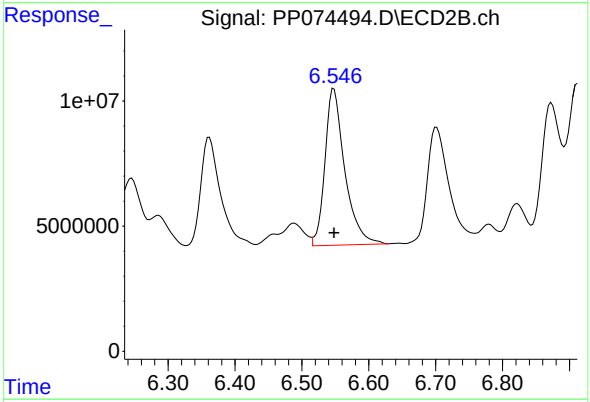
R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 95580250
Conc: 253.09 ng/ml




#32 AR-1260-2

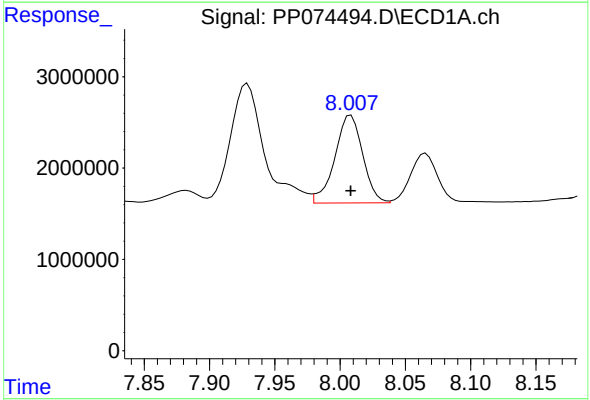
R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 18379468
Conc: 284.99 ng/ml

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



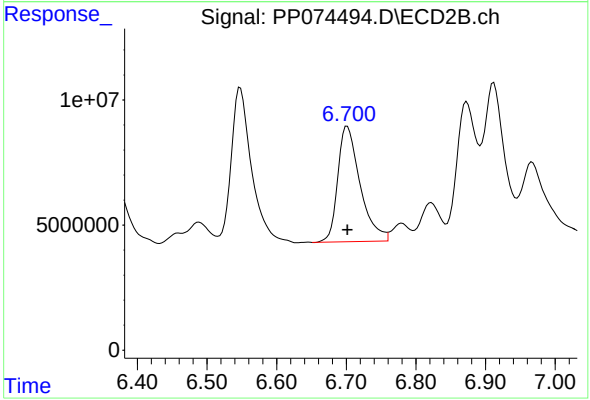

#32 AR-1260-2

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 128904395
Conc: 246.80 ng/ml



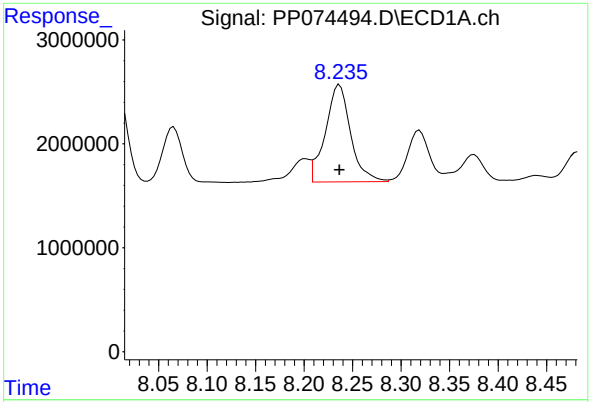

#33 AR-1260-3

R.T.: 8.008 min
Delta R.T.: 0.000 min
Response: 14308554
Conc: 284.16 ng/ml




#33 AR-1260-3

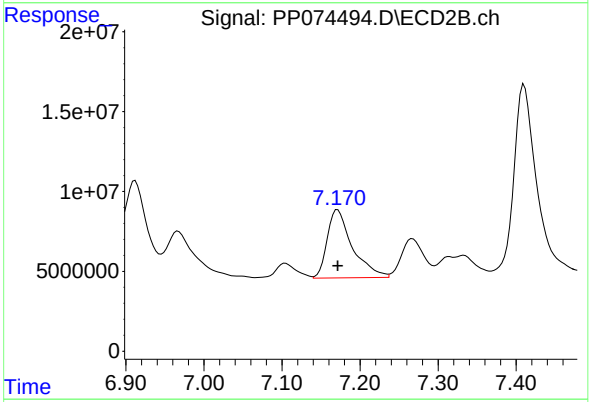
R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 102991410
Conc: 251.35 ng/ml




#34 AR-1260-4

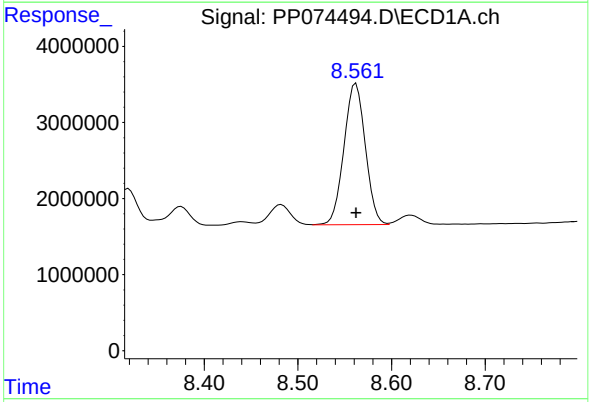
R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 16912466
Conc: 281.27 ng/ml

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



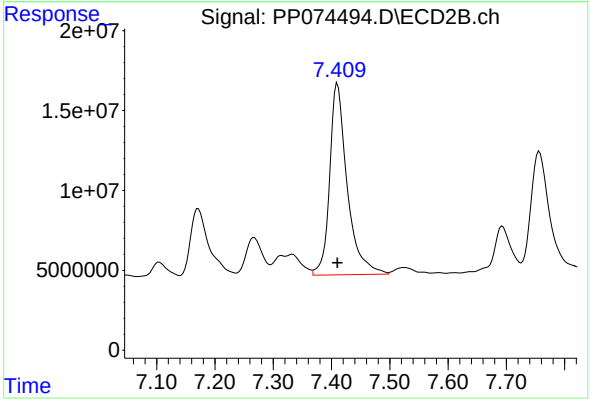

#34 AR-1260-4

R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 95646887
Conc: 243.29 ng/ml




#35 AR-1260-5

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 29443860
Conc: 275.75 ng/ml




#35 AR-1260-5

R.T.: 7.410 min
Delta R.T.: 0.000 min
Response: 251478559
Conc: 241.35 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:07
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:23:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 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... | 4.657 | 3.801 | 7024957 | 19122429 | 5.741 | 3.955 # |
| 2) | SA Decachlor... | 10.436 | 8.818 | 5509179 | 34572334 | 5.579 | 4.610 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.808 | 4.902 | 2775528 | 25477095 | 63.327m | 50.018 |
| 4) | L1 AR-1016-2 | 5.829 | 4.960 | 3391344 | 10729046 | 53.675m | 45.077 |
| 5) | L1 AR-1016-3 | 5.893 | 5.081 | 2738989 | 7029920 | 60.487m | 50.977 |
| 6) | L1 AR-1016-4 | 5.989 | 5.119 | 1969930 | 7240890 | 55.168m | 51.793 |
| 7) | L1 AR-1016-5 | 6.283 | 5.333 | 1827989 | 10255452 | 55.083 | 61.749 |
| 31) | L7 AR-1260-1 | 7.401 | 6.364 | 3621398 | 18274802 | 62.644 | 48.704 |
| 32) | L7 AR-1260-2 | 7.654 | 6.549 | 4330850 | 27742209 | 62.841 | 52.461 |
| 33) | L7 AR-1260-3 | 8.010 | 6.704 | 2900409 | 26298630 | 56.353m | 65.936 |
| 34) | L7 AR-1260-4 | 8.239 | 7.174 | 3922604 | 16740846 | 61.870m | 43.643m# |
| 35) | L7 AR-1260-5 | 8.564 | 7.412 | 6997672 | 42724494 | 62.472 | 43.317m# |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:07
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

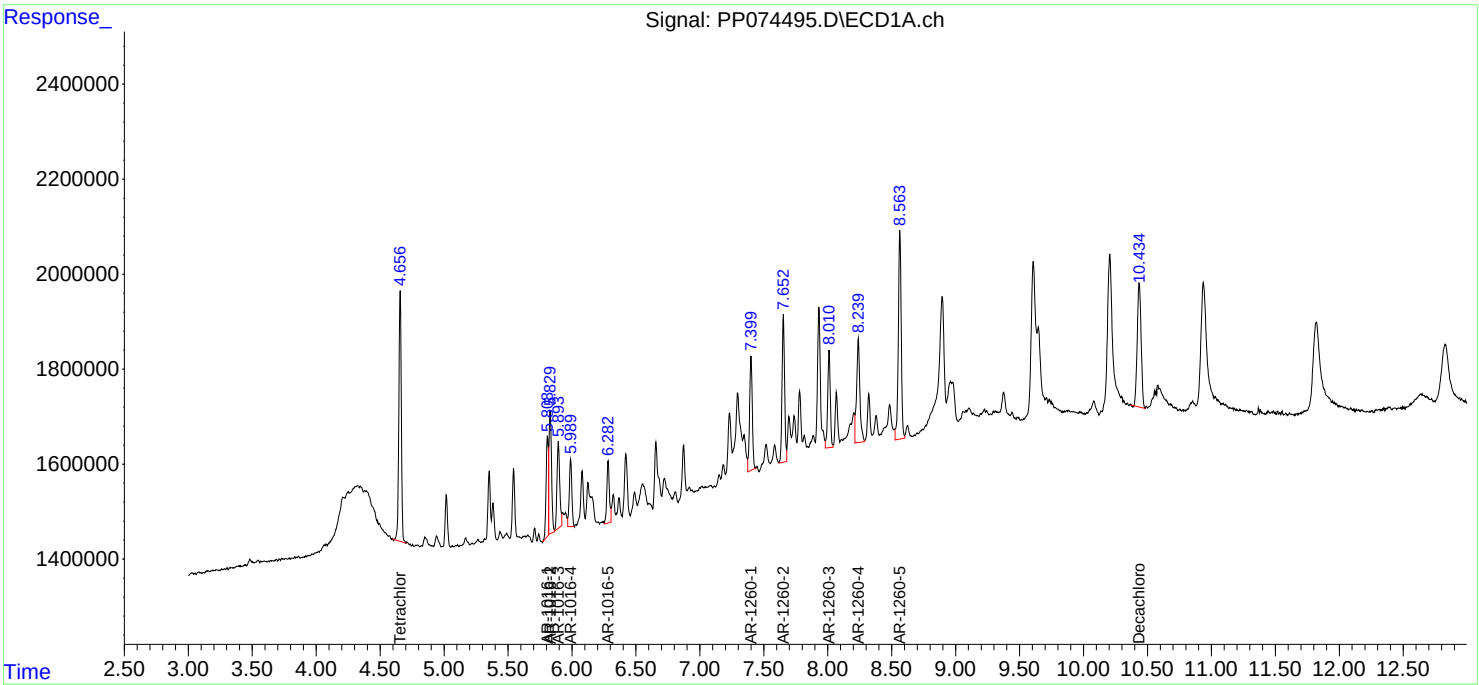
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC050

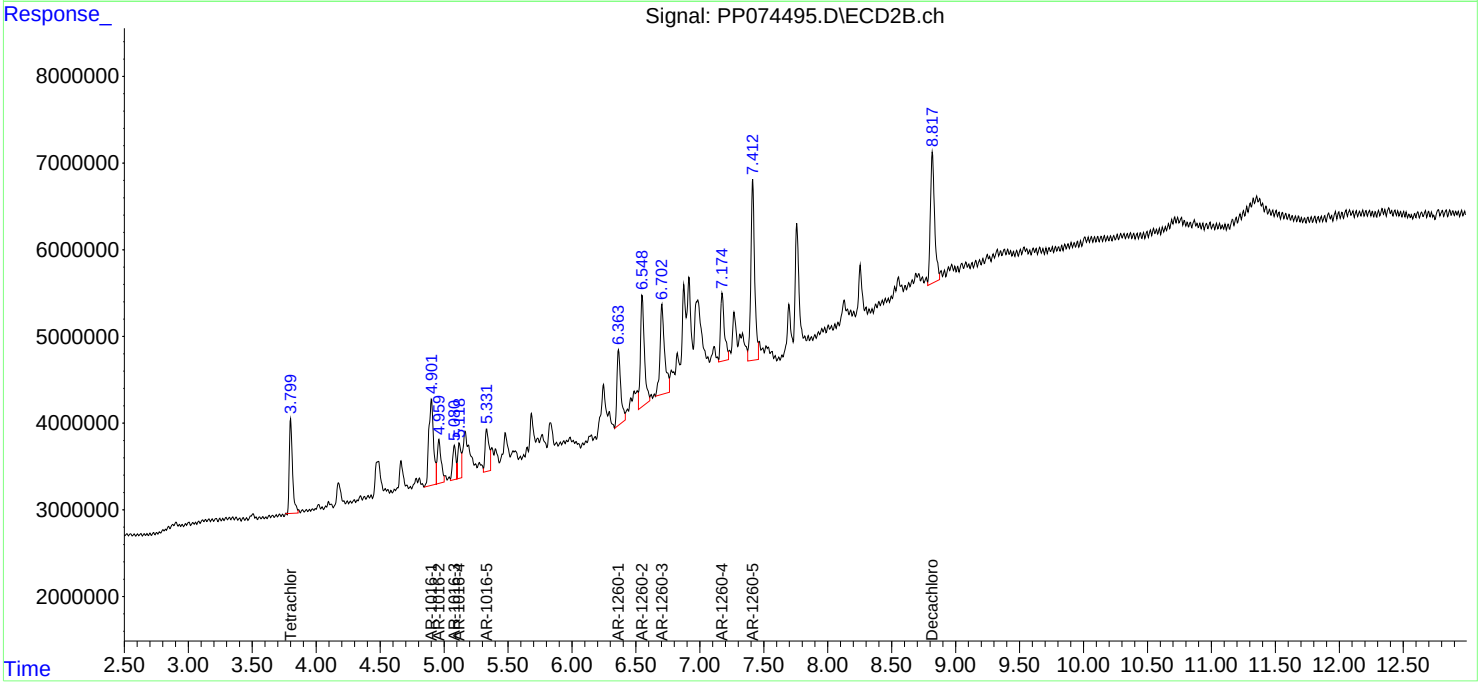
**Manual Integrations APPROVED**

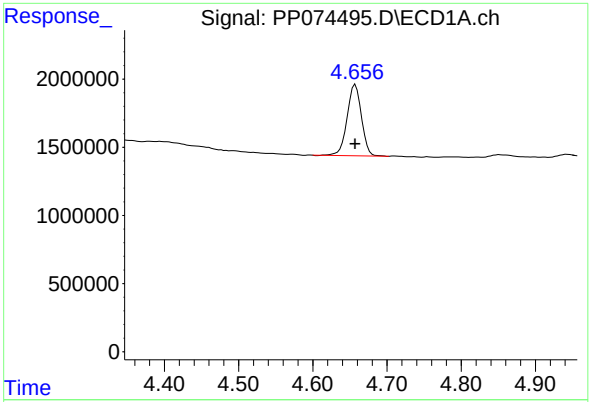
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:23:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 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





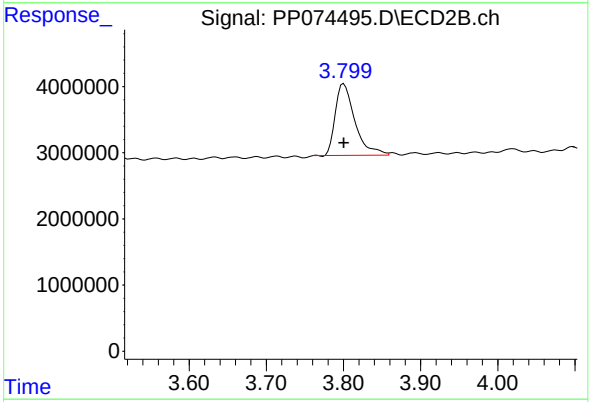

#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 7024957
Conc: 5.74 ng/ml

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

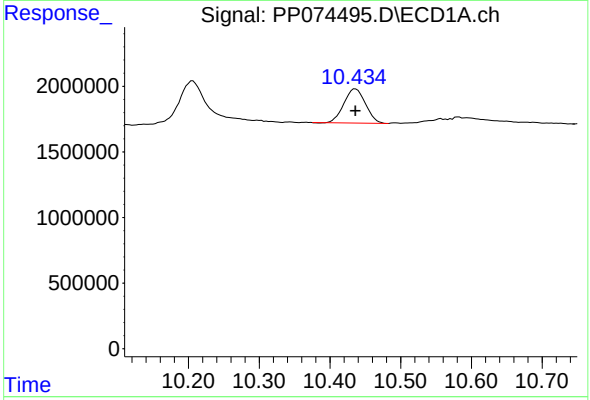
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



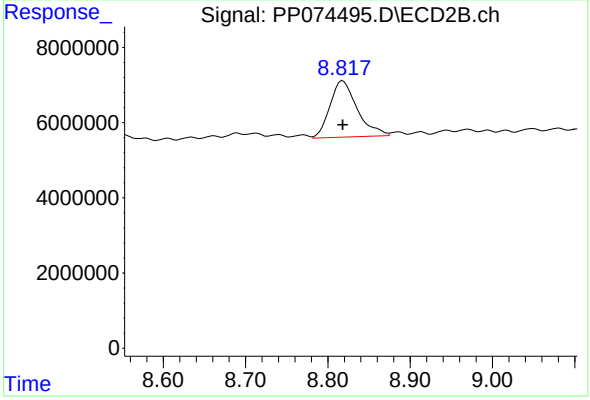

#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 19122429
Conc: 3.95 ng/ml



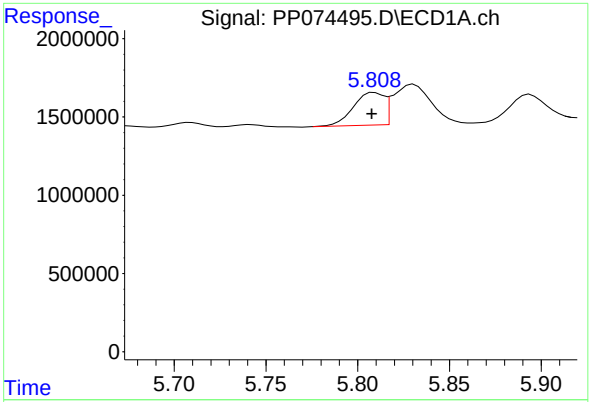

#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 5509179
Conc: 5.58 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.818 min
Delta R.T.: 0.000 min
Response: 34572334
Conc: 4.61 ng/ml



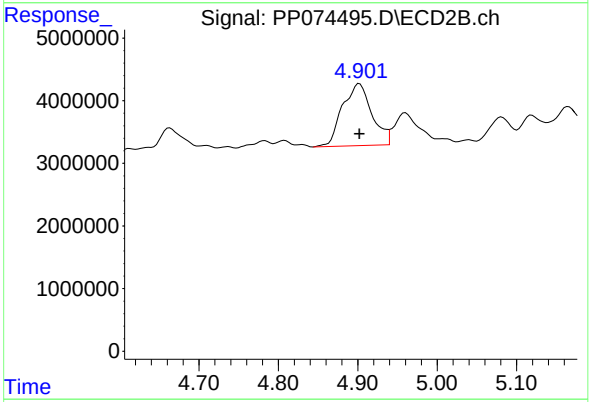

#3 AR-1016-1

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 2775528
Conc: 63.33 ng/ml

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

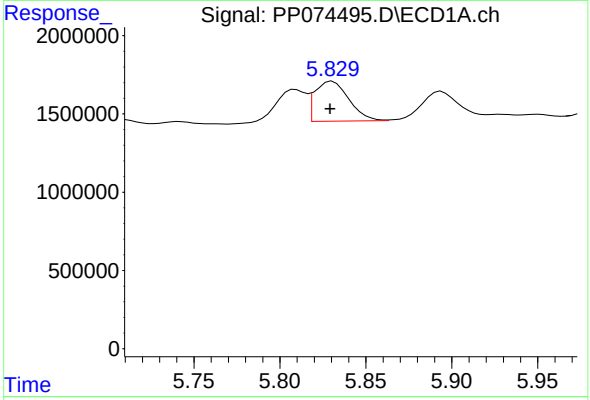
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



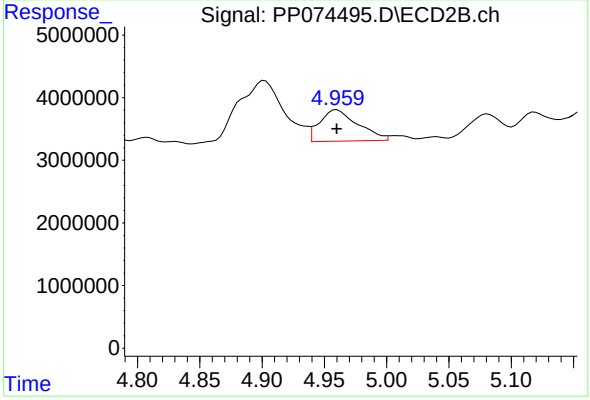

#3 AR-1016-1

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 25477095
Conc: 50.02 ng/ml



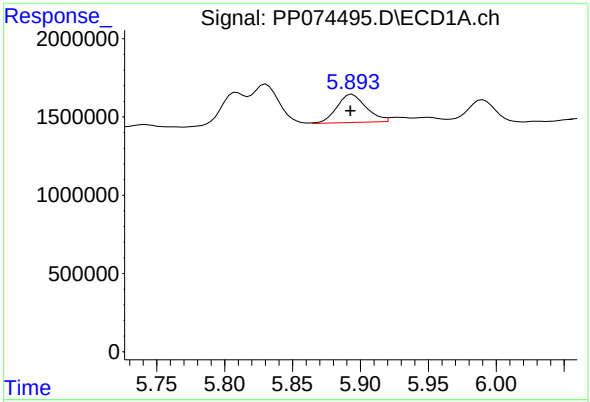

#4 AR-1016-2

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 3391344
Conc: 53.68 ng/ml m




#4 AR-1016-2

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 10729046
Conc: 45.08 ng/ml



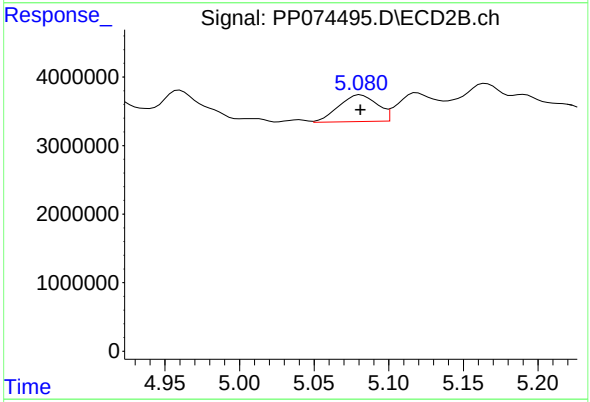

#5 AR-1016-3

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 2738989
Conc: 60.49 ng/ml

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

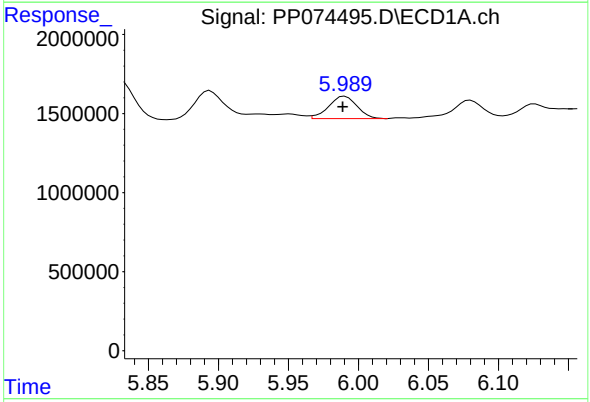
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



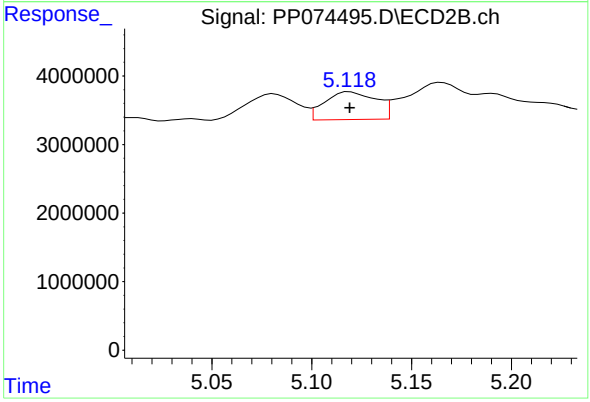

#5 AR-1016-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 7029920
Conc: 50.98 ng/ml



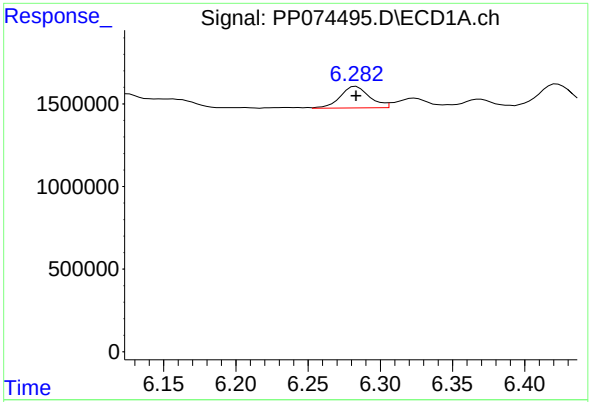

#6 AR-1016-4

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 1969930
Conc: 55.17 ng/ml m




#6 AR-1016-4

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 7240890
Conc: 51.79 ng/ml



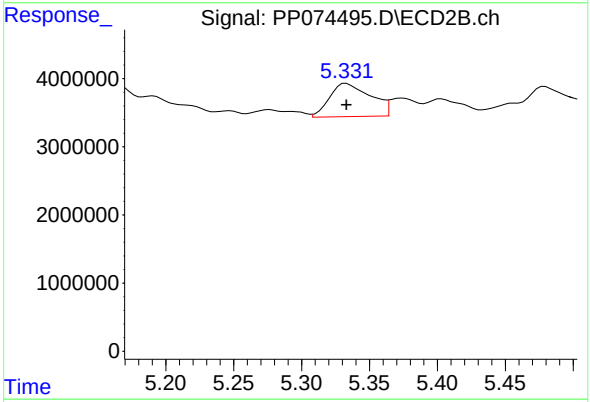

#7 AR-1016-5

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 1827989
Conc: 55.08 ng/ml

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

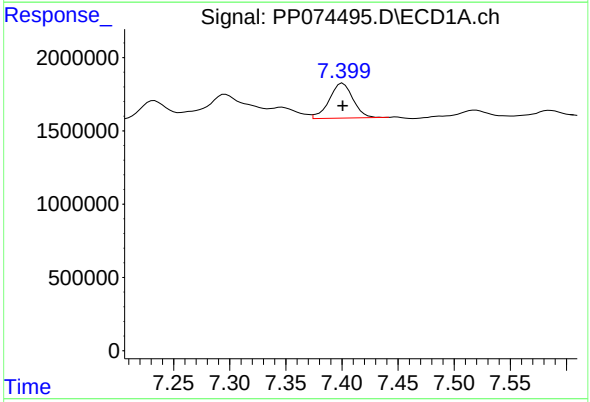
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



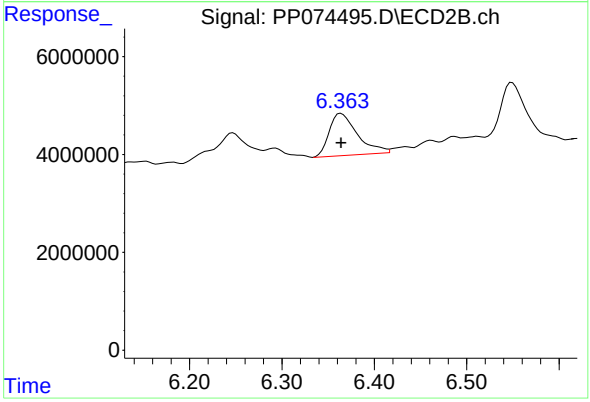

#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: 0.000 min
Response: 10255452
Conc: 61.75 ng/ml



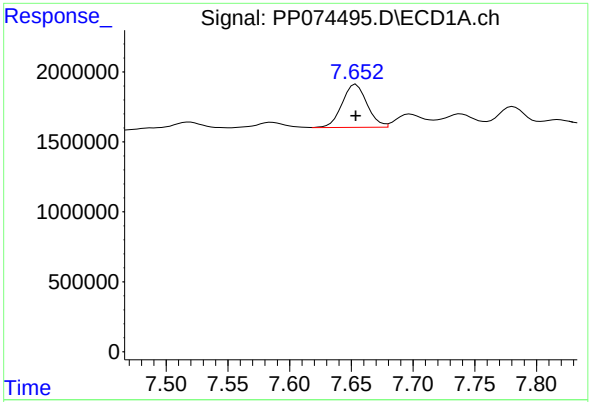

#31 AR-1260-1

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 3621398
Conc: 62.64 ng/ml




#31 AR-1260-1

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 18274802
Conc: 48.70 ng/ml



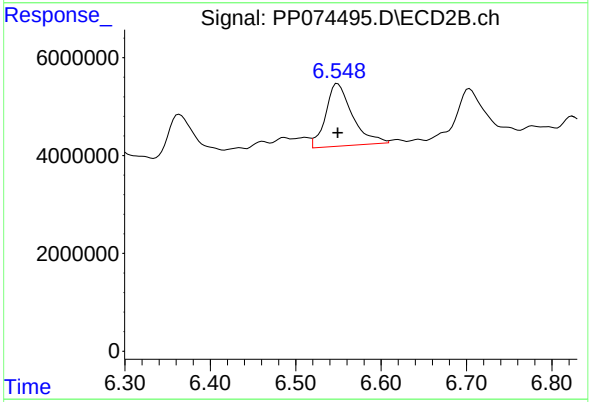

#32 AR-1260-2

R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 4330850
Conc: 62.84 ng/ml

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

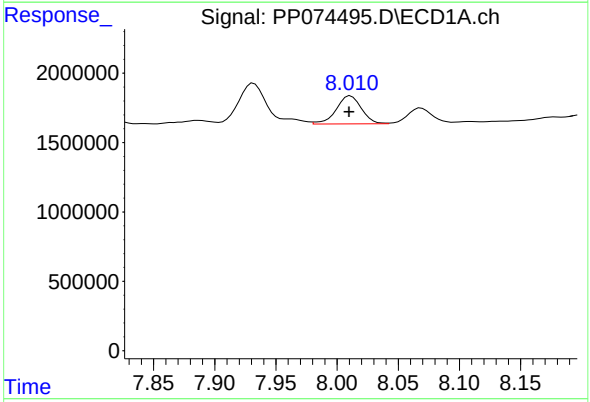
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



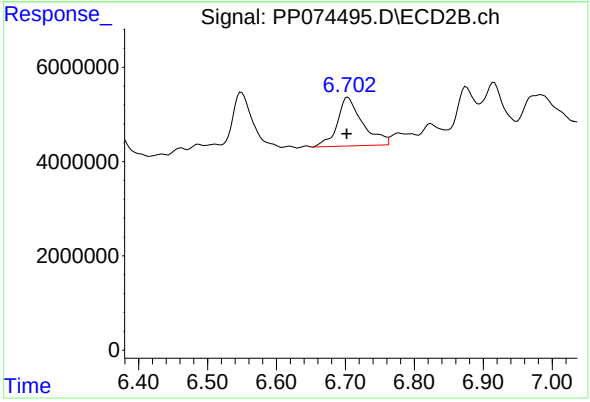

#32 AR-1260-2

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 27742209
Conc: 52.46 ng/ml



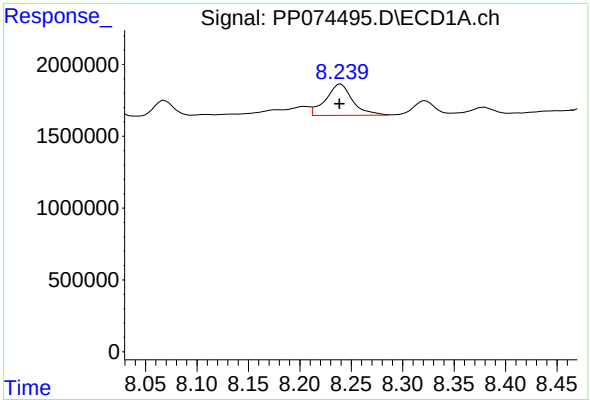

#33 AR-1260-3

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 2900409
Conc: 56.35 ng/ml m




#33 AR-1260-3

R.T.: 6.704 min
Delta R.T.: 0.001 min
Response: 26298630
Conc: 65.94 ng/ml



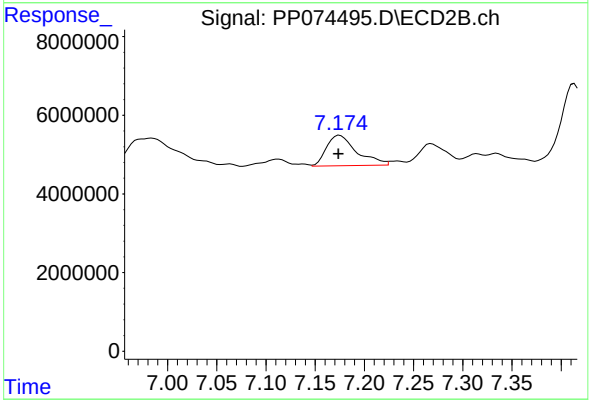

#34 AR-1260-4

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 3922604
Conc: 61.87 ng/ml

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

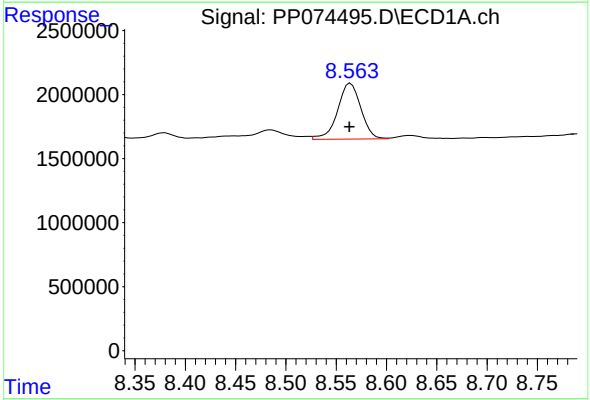
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



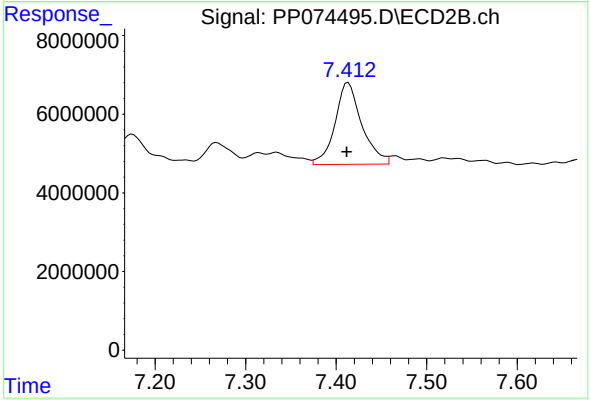

#34 AR-1260-4

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 16740846
Conc: 43.64 ng/ml m




#35 AR-1260-5

R.T.: 8.564 min
Delta R.T.: 0.001 min
Response: 6997672
Conc: 62.47 ng/ml




#35 AR-1260-5

R.T.: 7.412 min
Delta R.T.: 0.000 min
Response: 42724494
Conc: 43.32 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:23
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: Aug 19 11:41:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 11:40:42 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... | 4.654 | 3.799 | 57850583 | 238.7E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.431 | 8.815 | 48331426 | 370.6E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 8) | L2 AR-1221-1 | 4.853 | 4.011 | 8796420 | 30933713 | 500.000 | 500.000 |
| 9) | L2 AR-1221-2 | 4.939 | 4.097 | 6678596 | 22606039 | 500.000 | 500.000 |
| 10) | L2 AR-1221-3 | 5.015 | 4.173 | 18956378 | 82146924 | 500.000 | 500.000 |

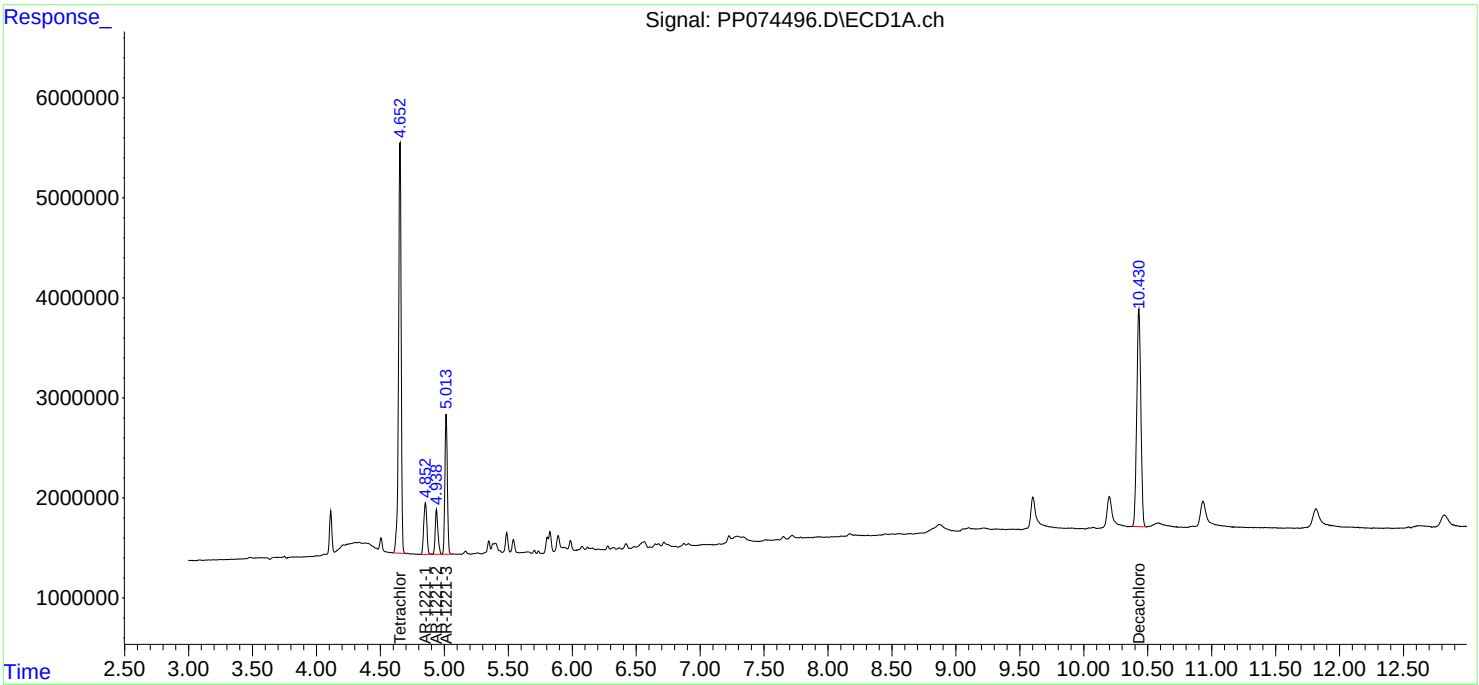
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

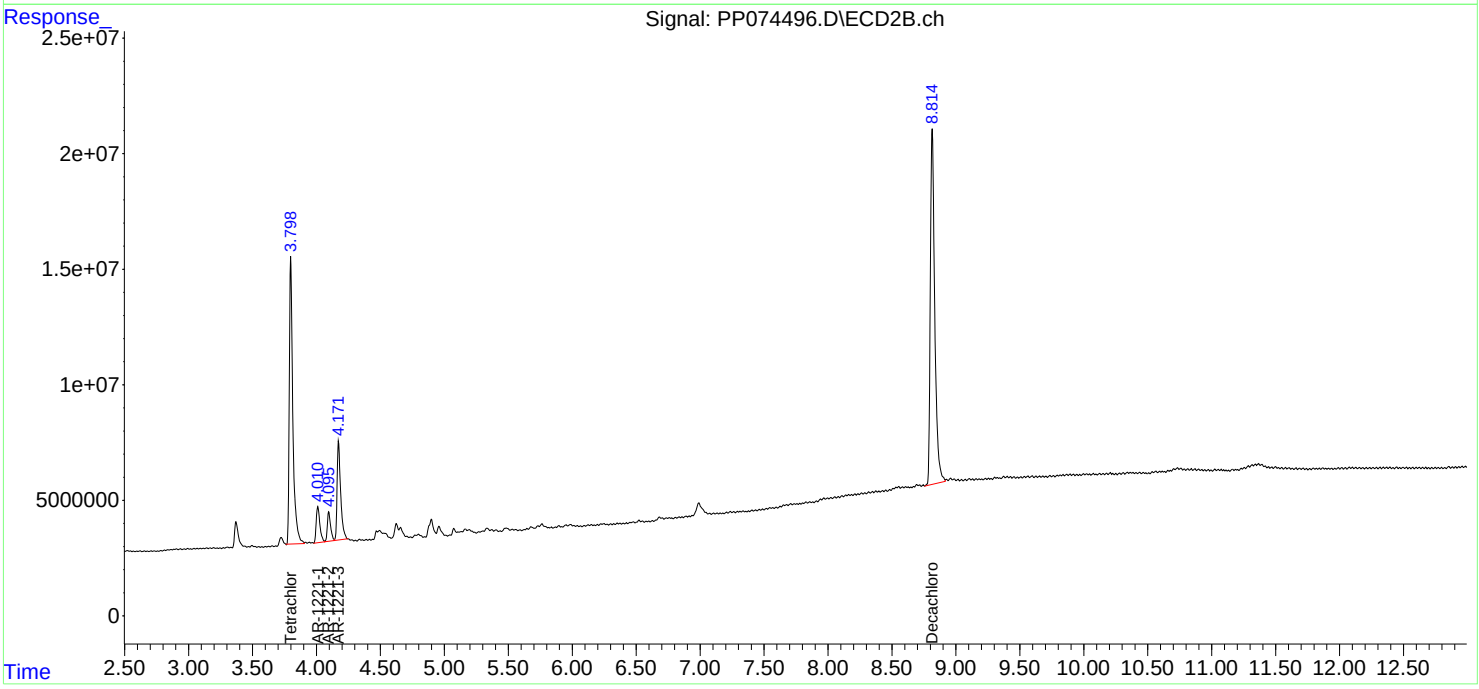
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:23
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

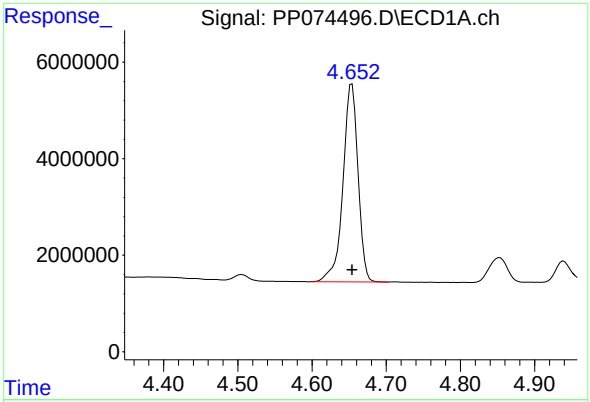
**Instrument :**
ECD_P
**ClientSampleId :**
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:41:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 11:40:42 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



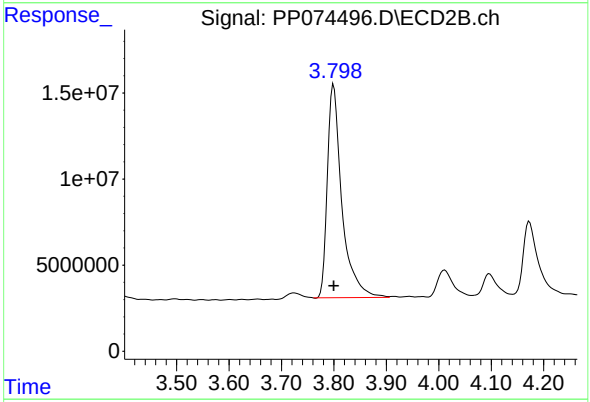






#1 Tetrachloro-m-xylene

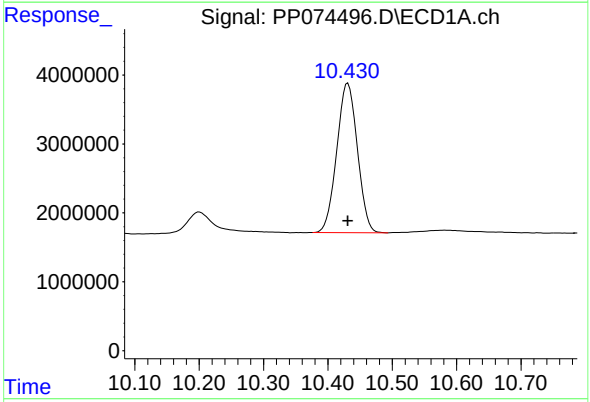
R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 57850583
Conc: 50.00 ng/ml

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



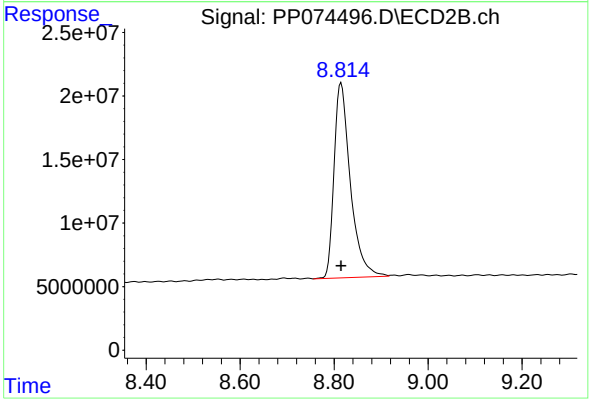

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 238663208
Conc: 50.00 ng/ml



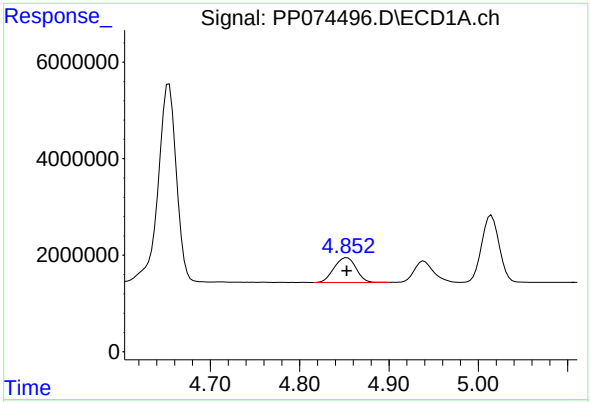

#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: 0.000 min
Response: 48331426
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

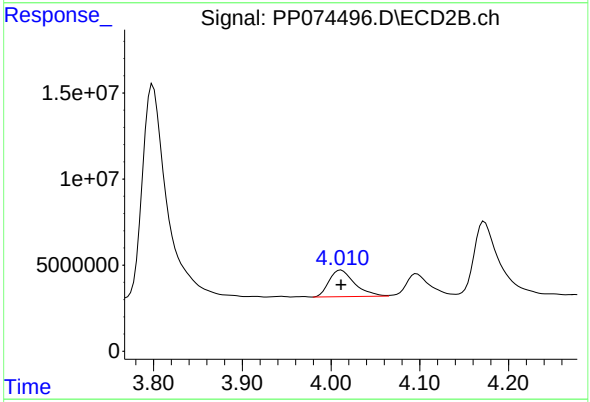
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 370620485
Conc: 50.00 ng/ml




#8 AR-1221-1

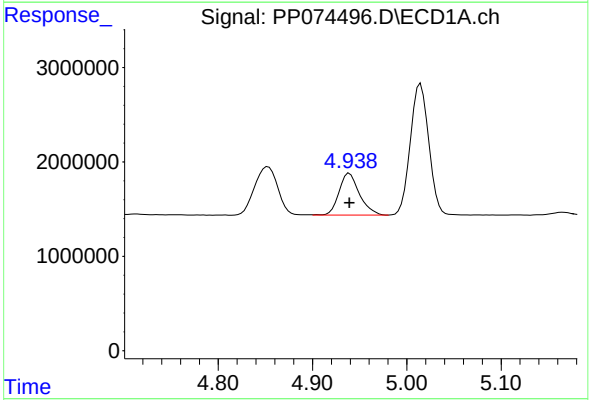
R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 8796420
Conc: 500.00 ng/ml

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



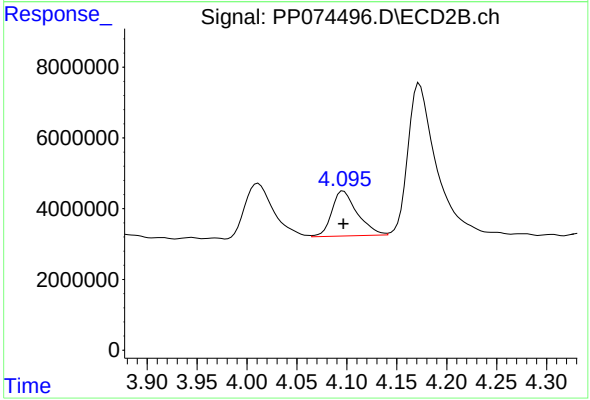

#8 AR-1221-1

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 30933713
Conc: 500.00 ng/ml



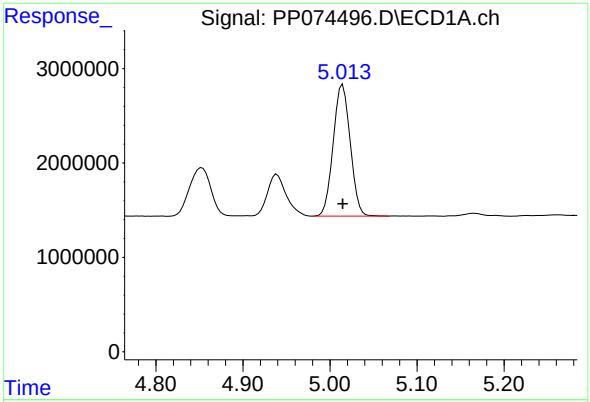

#9 AR-1221-2

R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 6678596
Conc: 500.00 ng/ml




#9 AR-1221-2

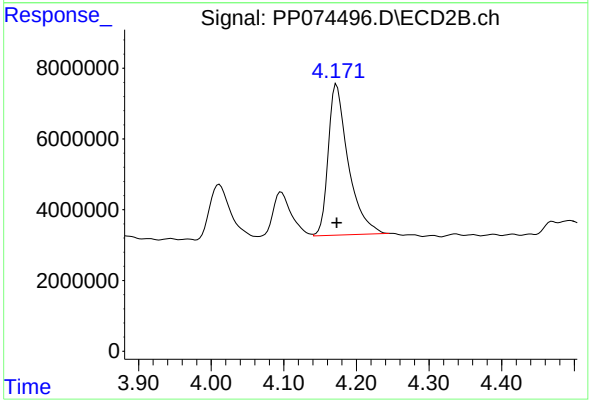
R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 22606039
Conc: 500.00 ng/ml




#10 AR-1221-3

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 18956378
Conc: 500.00 ng/ml

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




#10 AR-1221-3

R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 82146924
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:12:32 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... | 4.655 | 3.799 | 58746394 | 255.4E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.434 | 8.815 | 49336755 | 375.4E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 11) | L3 AR-1232-1 | 5.016 | 4.172 | 15186953 | 64047715 | 500.000 | 500.000 |
| 12) | L3 AR-1232-2 | 5.542 | 4.899 | 7879113 | 115.9E6 | 500.000 | 500.000 |
| 13) | L3 AR-1232-3 | 5.828 | 5.076 | 15271847 | 30029881 | 500.000 | 500.000 |
| 14) | L3 AR-1232-4 | 5.988 | 5.157 | 8634636 | 36853690 | 500.000 | 505.838m |
| 15) | L3 AR-1232-5 | 6.077 | 5.332 | 6490477 | 31041901 | 500.000 | 500.000 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

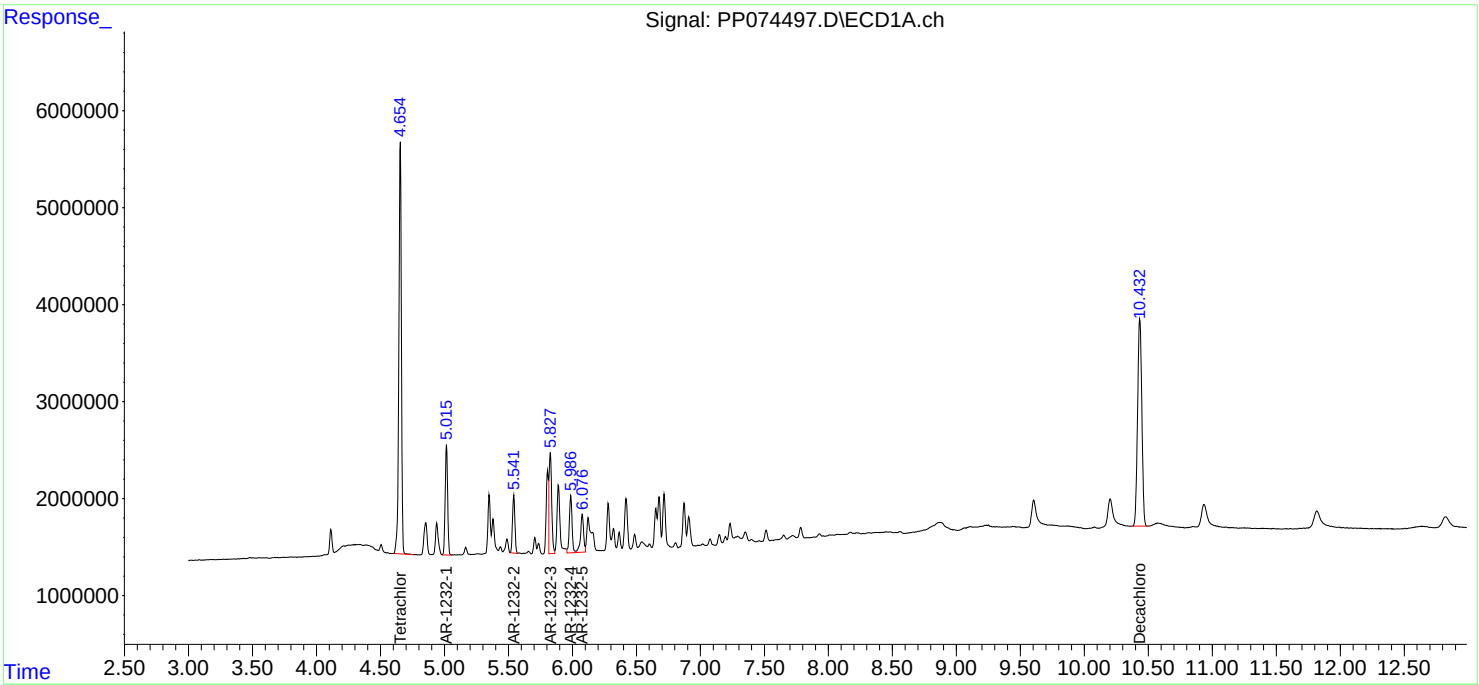
**Instrument :**
ECD_P
**ClientSampleId :**
AR1232ICC500

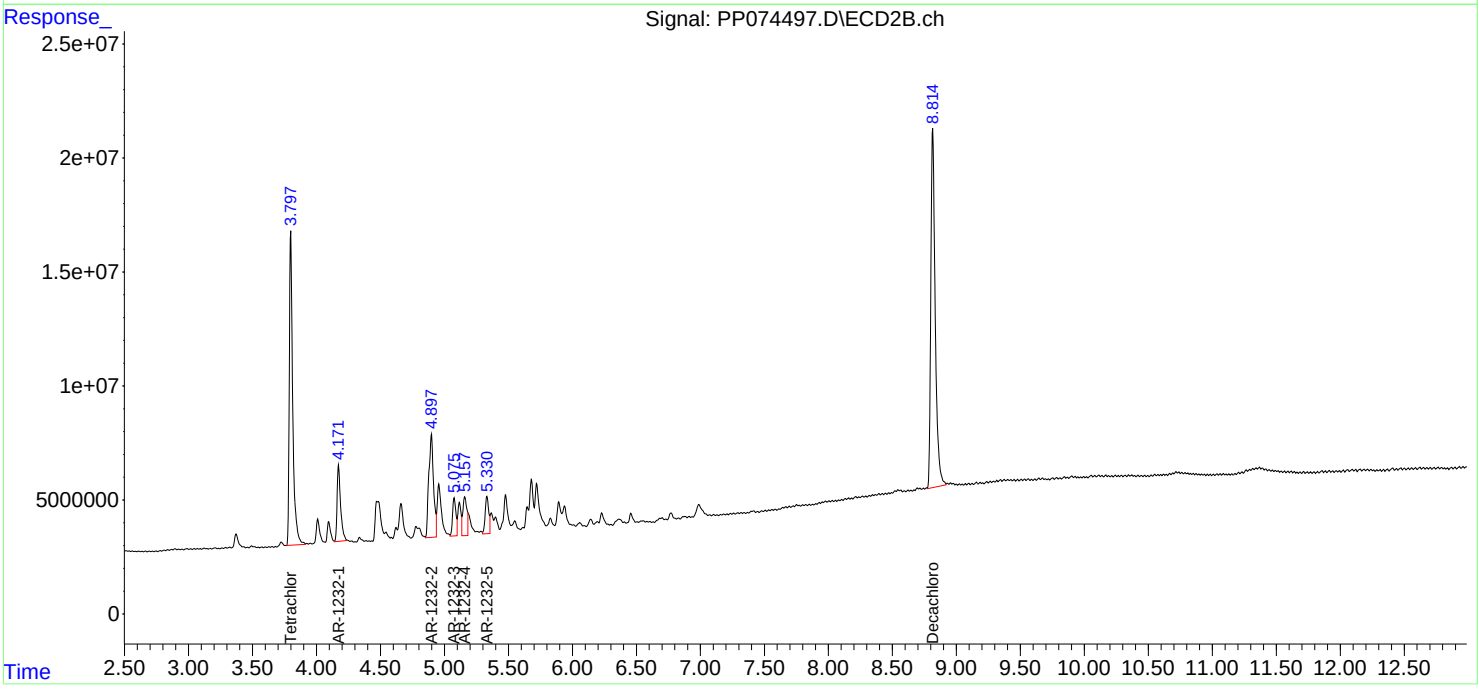
**Manual Integrations APPROVED**

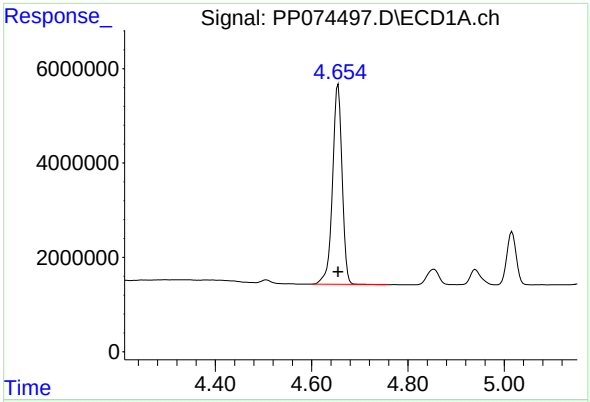
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:12:32 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





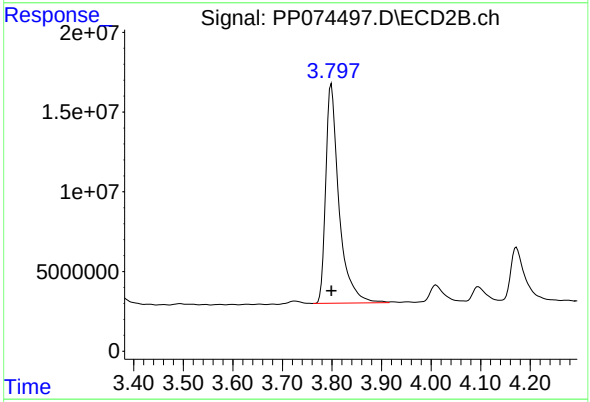

#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 58746394
Conc: 50.00 ng/ml

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

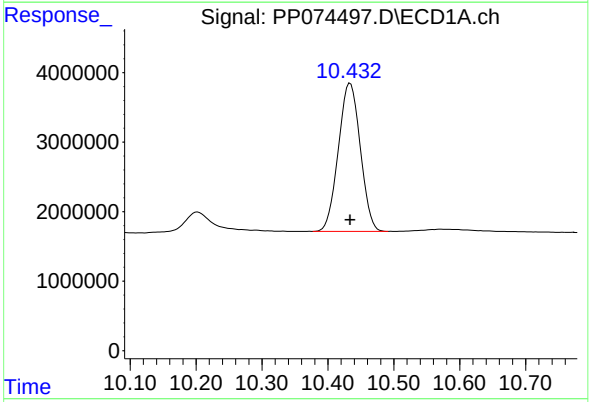
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



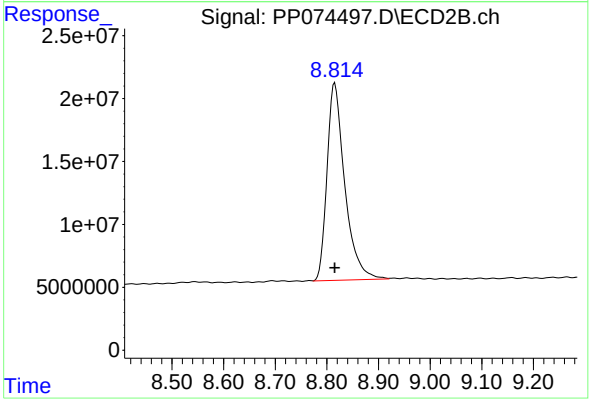

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 255428387
Conc: 50.00 ng/ml



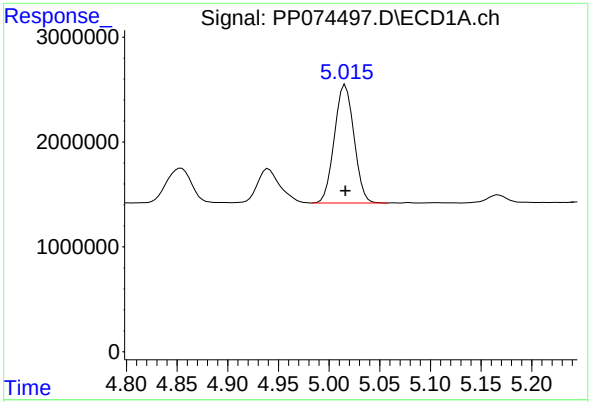

#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 49336755
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 375424839
Conc: 50.00 ng/ml



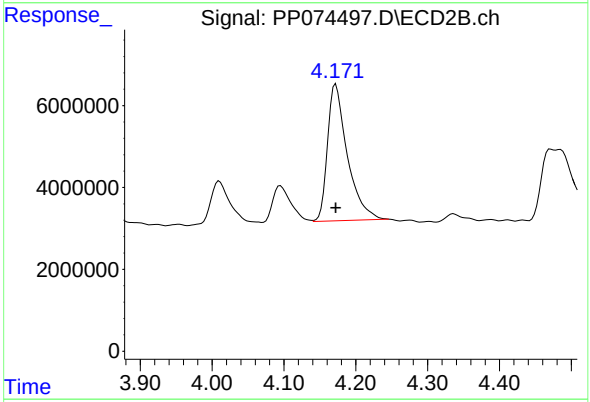

#11 AR-1232-1

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 15186953
Conc: 500.00 ng/ml

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

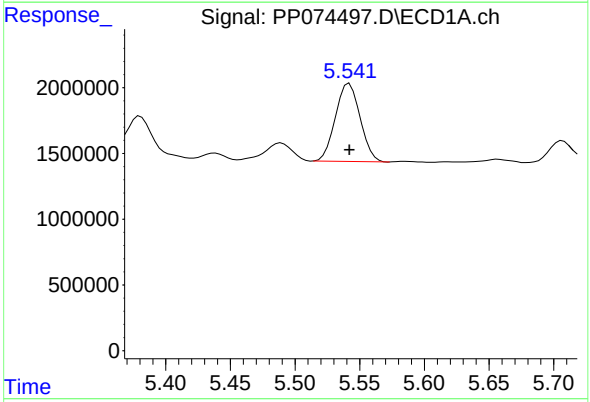
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



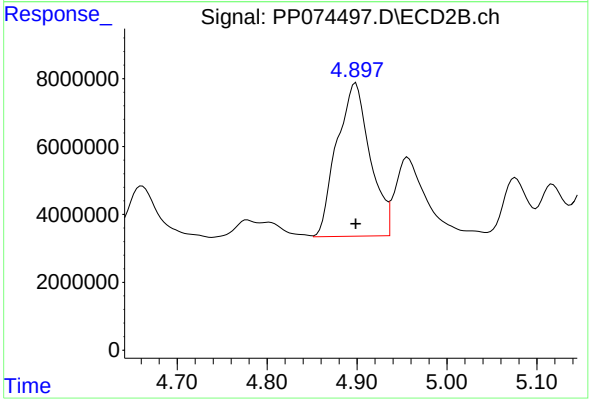

#11 AR-1232-1

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 64047715
Conc: 500.00 ng/ml



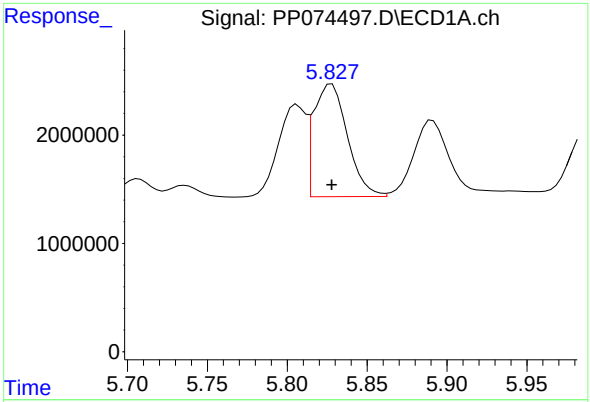

#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 7879113
Conc: 500.00 ng/ml




#12 AR-1232-2

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 115896682
Conc: 500.00 ng/ml



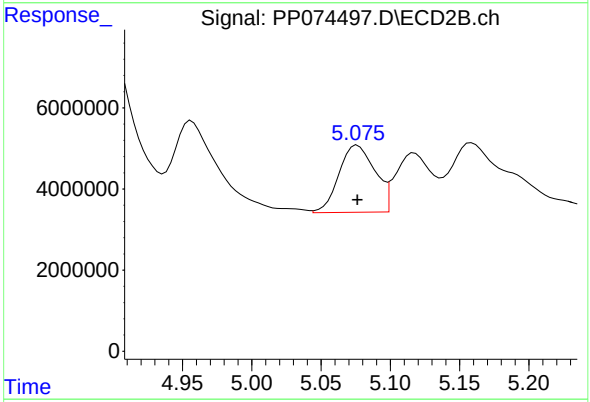

#13 AR-1232-3

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 15271847
Conc: 500.00 ng/ml

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

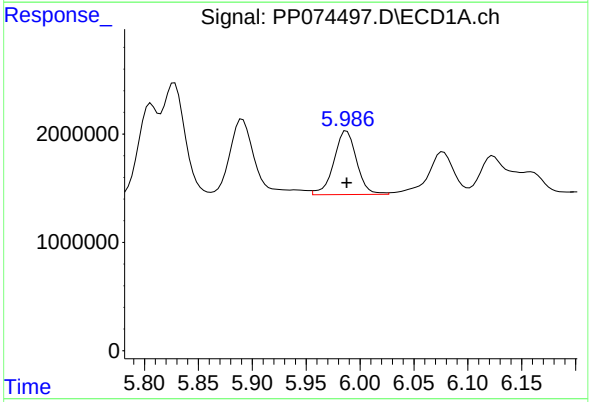
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



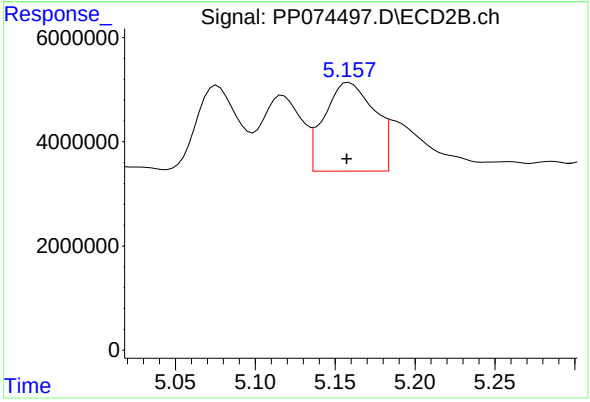

#13 AR-1232-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 30029881
Conc: 500.00 ng/ml



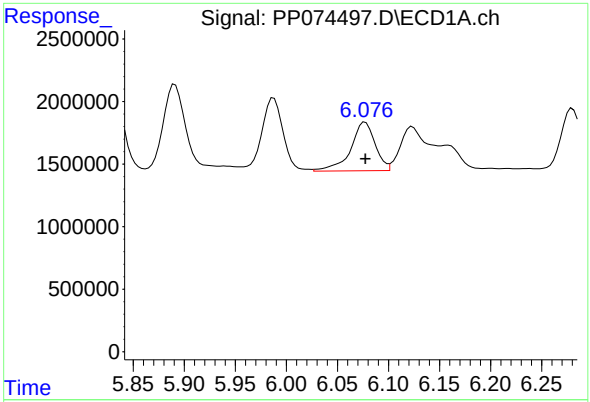

#14 AR-1232-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 8634636
Conc: 500.00 ng/ml




#14 AR-1232-4

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 36853690
Conc: 505.84 ng/ml m



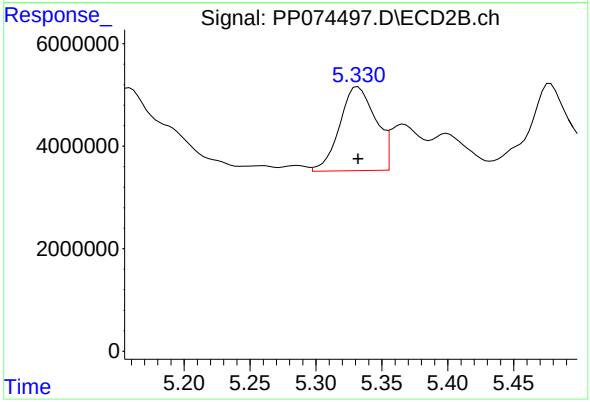

#15 AR-1232-5

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 6490477
Conc: 500.00 ng/ml

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#15 AR-1232-5

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 31041901
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:55
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:23:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.655 | 3.799 | 110.2E6 | 555.2E6 | 94.277 | 102.648 |
| 2) | SA Decachlor... | 10.434 | 8.816 | 94257109 | 743.9E6 | 92.733 | 97.953 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.807 | 4.900 | 33534775 | 426.2E6 | 928.998 | 984.768 |
| 17) | L4 AR-1242-2 | 5.828 | 4.957 | 50582395 | 203.0E6 | 932.415 | 985.806 |
| 18) | L4 AR-1242-3 | 5.892 | 5.076 | 33349694 | 114.7E6 | 909.705 | 983.673 |
| 19) | L4 AR-1242-4 | 5.989 | 5.158 | 27192200 | 162.8E6 | 920.414 | 981.770m |
| 20) | L4 AR-1242-5 | 6.718 | 5.681 | 29731727 | 176.2E6 | 923.938 | 949.598 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:55
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

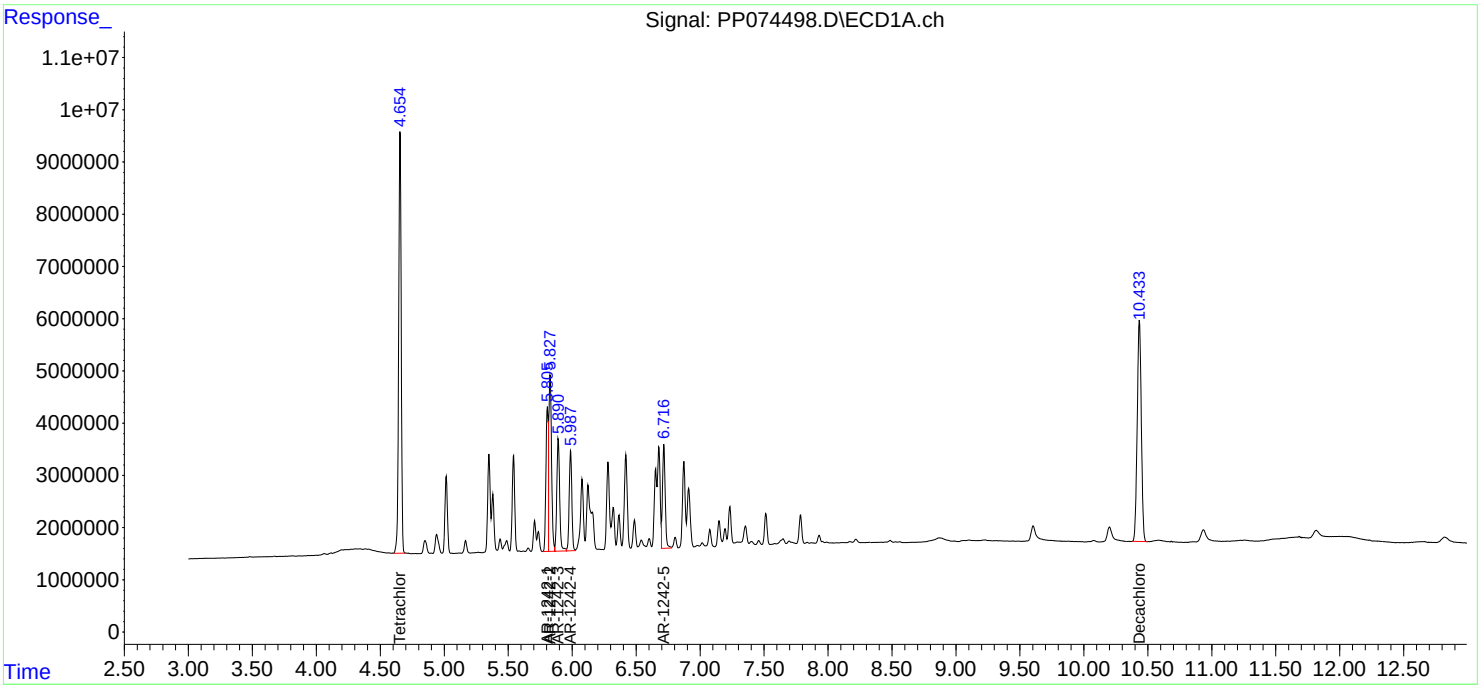
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC1000

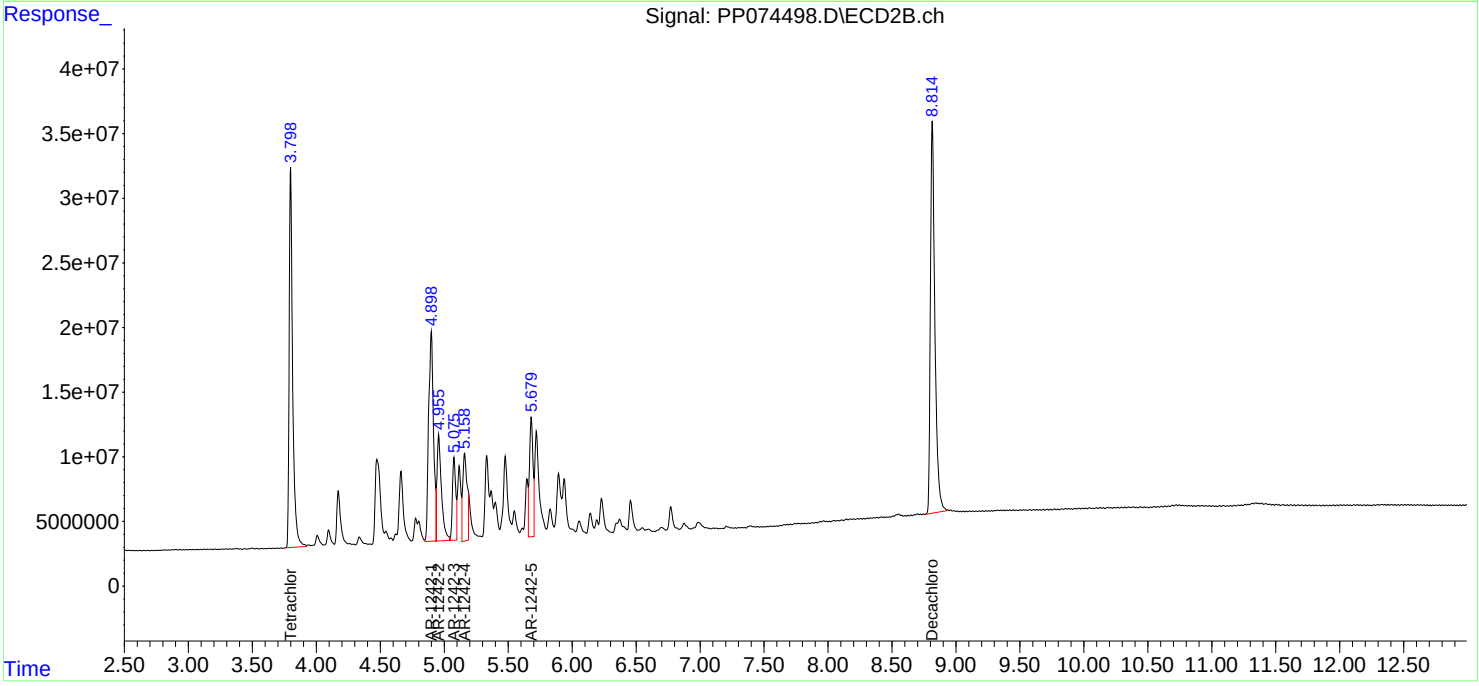
**Manual Integrations APPROVED**

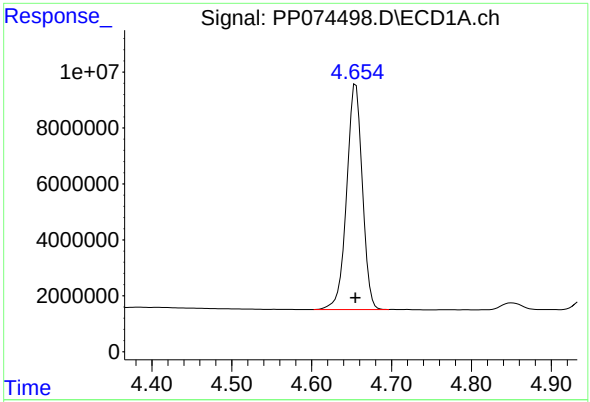
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:23:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 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





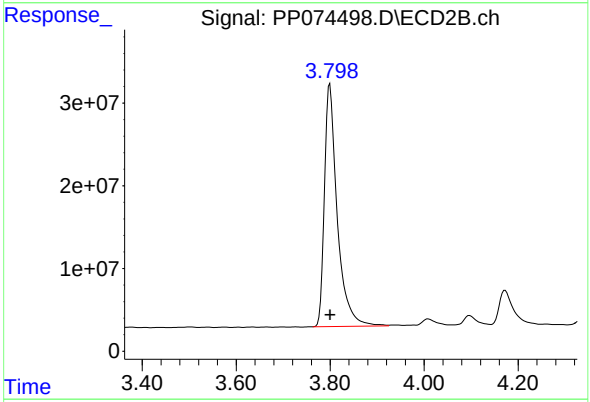

#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 110162396
Conc: 94.28 ng/ml

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

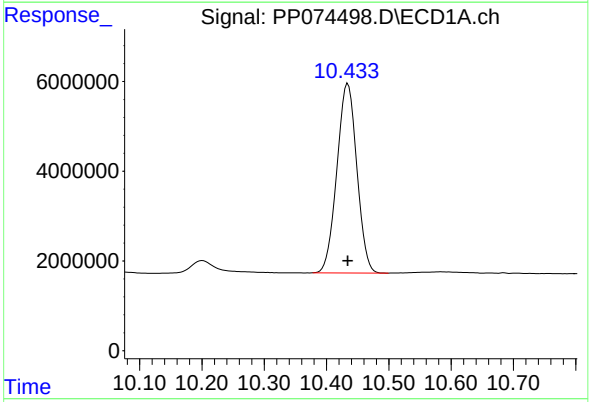
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



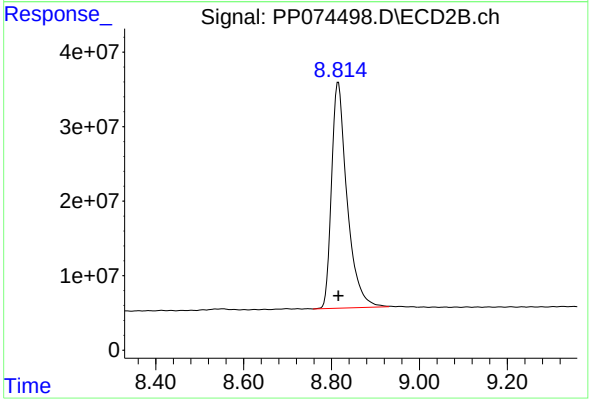

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 555225547
Conc: 102.65 ng/ml



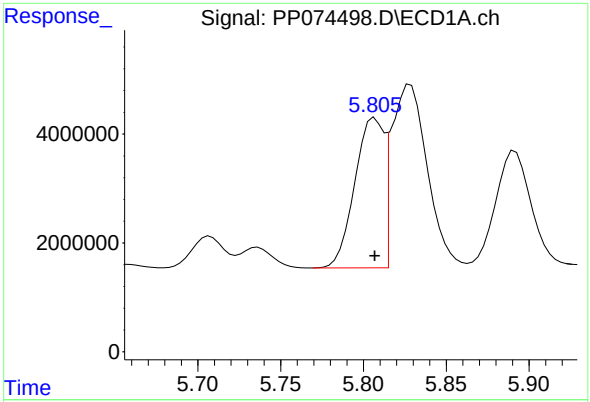

#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 94257109
Conc: 92.73 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.816 min
Delta R.T.: 0.000 min
Response: 743948581
Conc: 97.95 ng/ml



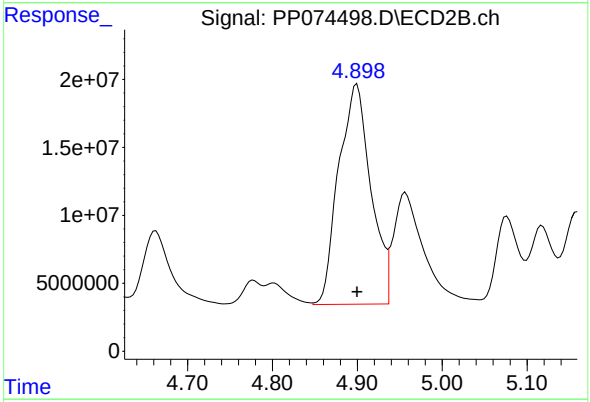

#16 AR-1242-1

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 33534775
Conc: 929.00 ng/ml

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

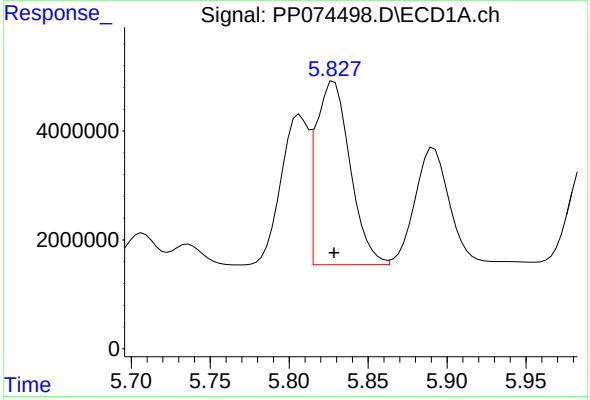
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



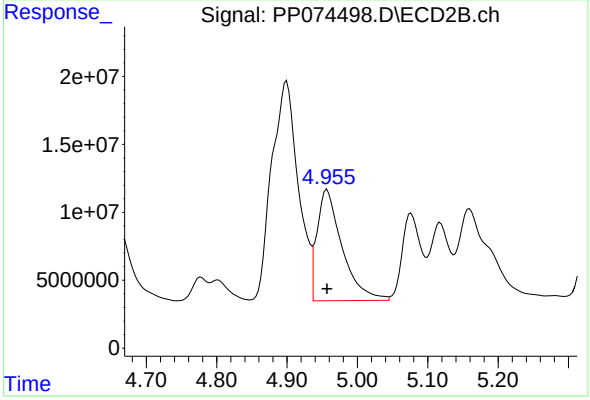

#16 AR-1242-1

R.T.: 4.900 min
Delta R.T.: 0.000 min
Response: 426248141
Conc: 984.77 ng/ml



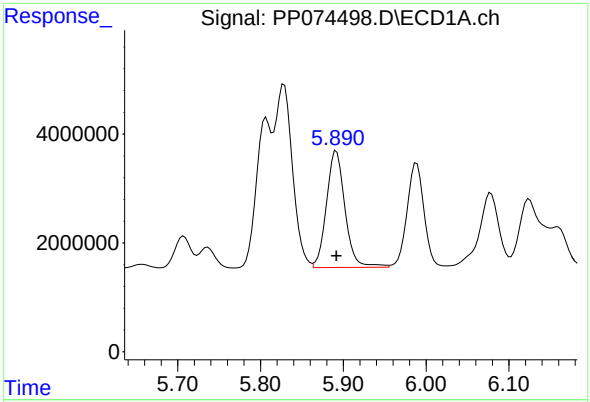

#17 AR-1242-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 50582395
Conc: 932.41 ng/ml




#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 202991737
Conc: 985.81 ng/ml



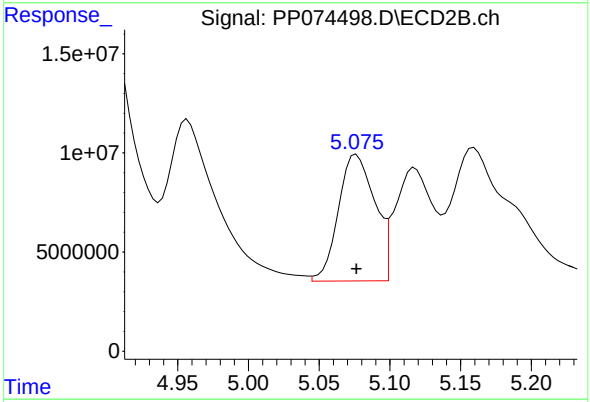

#18 AR-1242-3

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 33349694
Conc: 909.71 ng/ml

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

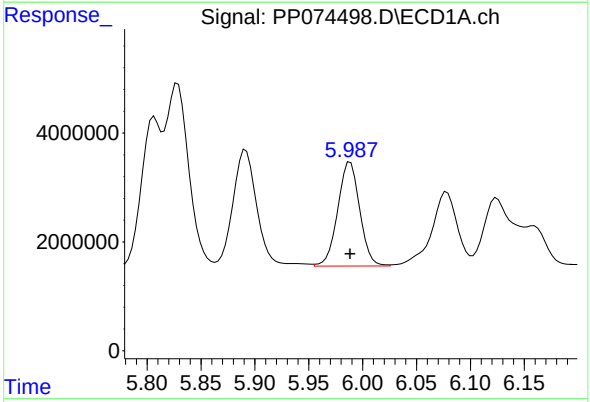
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



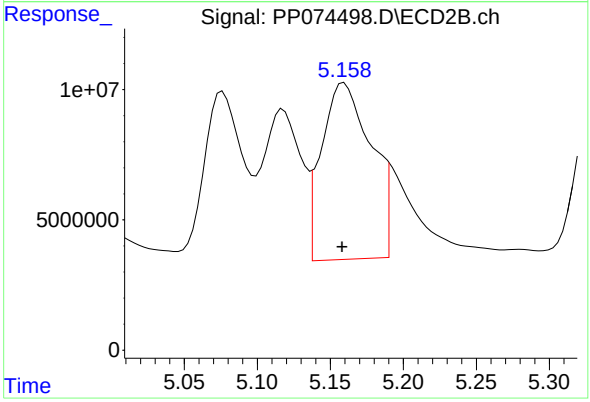

#18 AR-1242-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 114667914
Conc: 983.67 ng/ml



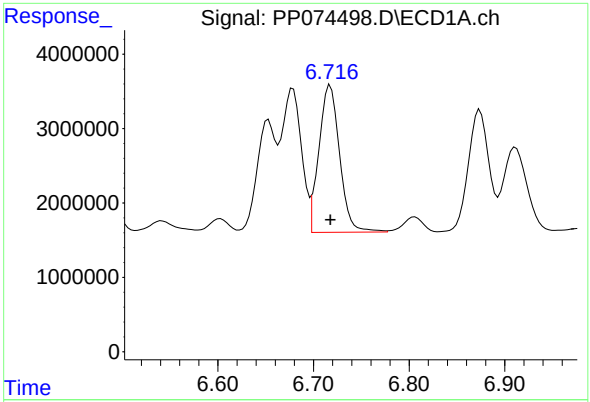

#19 AR-1242-4

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 27192200
Conc: 920.41 ng/ml




#19 AR-1242-4

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 162797331
Conc: 981.77 ng/ml m



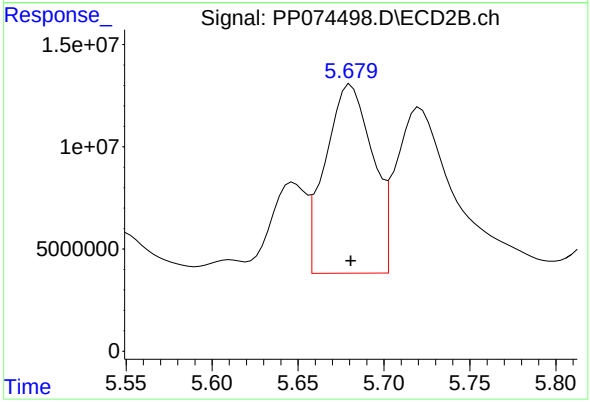

#20 AR-1242-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 29731727
Conc: 923.94 ng/ml

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#20 AR-1242-5

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 176244820
Conc: 949.60 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:12
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:26:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.658 | 3.802 | 86349070 | 412.2E6 | 74.262 | 75.797 |
| 2) | SA Decachlor... | 10.437 | 8.817 | 74892062 | 573.5E6 | 74.115 | 75.344 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.809 | 4.901 | 26397194 | 324.0E6 | 737.408 | 749.001 |
| 17) | L4 AR-1242-2 | 5.831 | 4.960 | 39340318 | 155.5E6 | 733.271 | 753.574 |
| 18) | L4 AR-1242-3 | 5.894 | 5.078 | 26560976 | 89250623 | 732.822 | 760.349 |
| 19) | L4 AR-1242-4 | 5.991 | 5.162 | 21474232 | 119.5E6 | 734.419 | 741.577m |
| 20) | L4 AR-1242-5 | 6.720 | 5.682 | 23050385 | 144.9E6 | 727.198 | 770.068 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:12
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

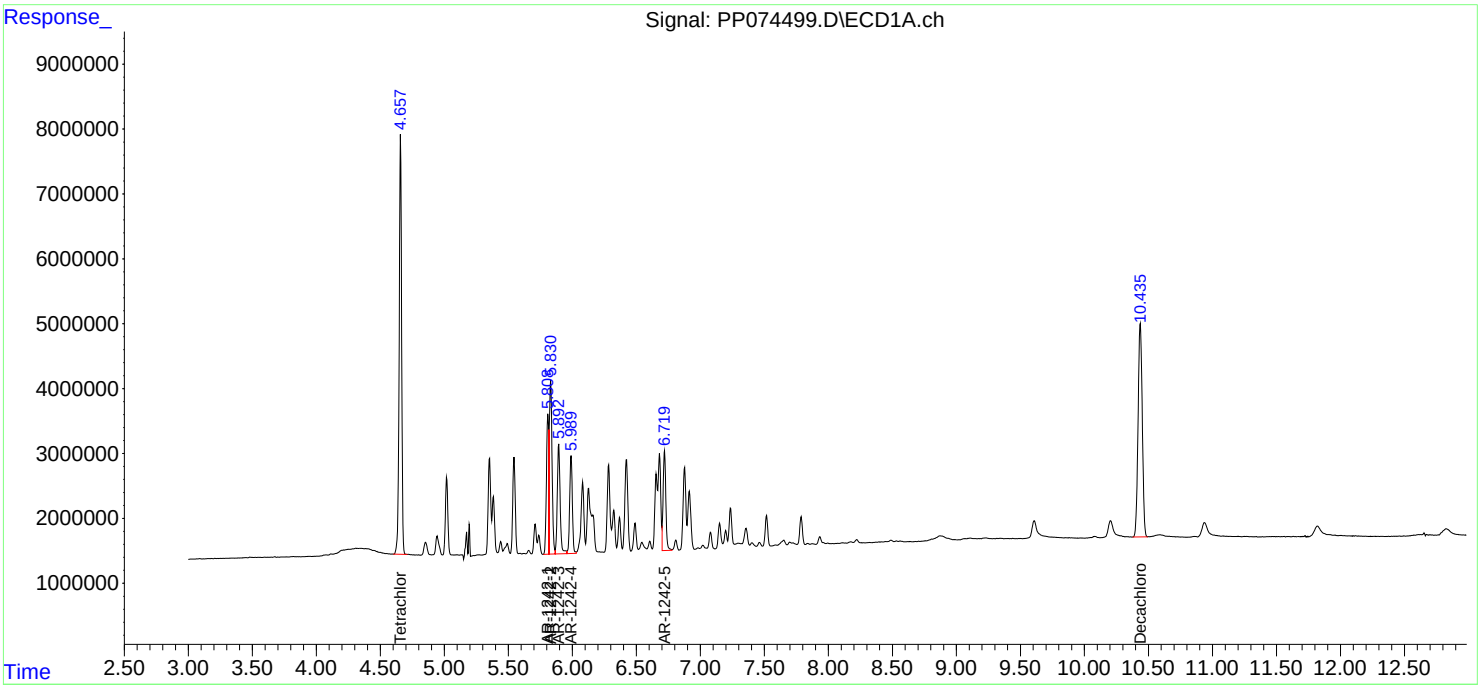
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC750

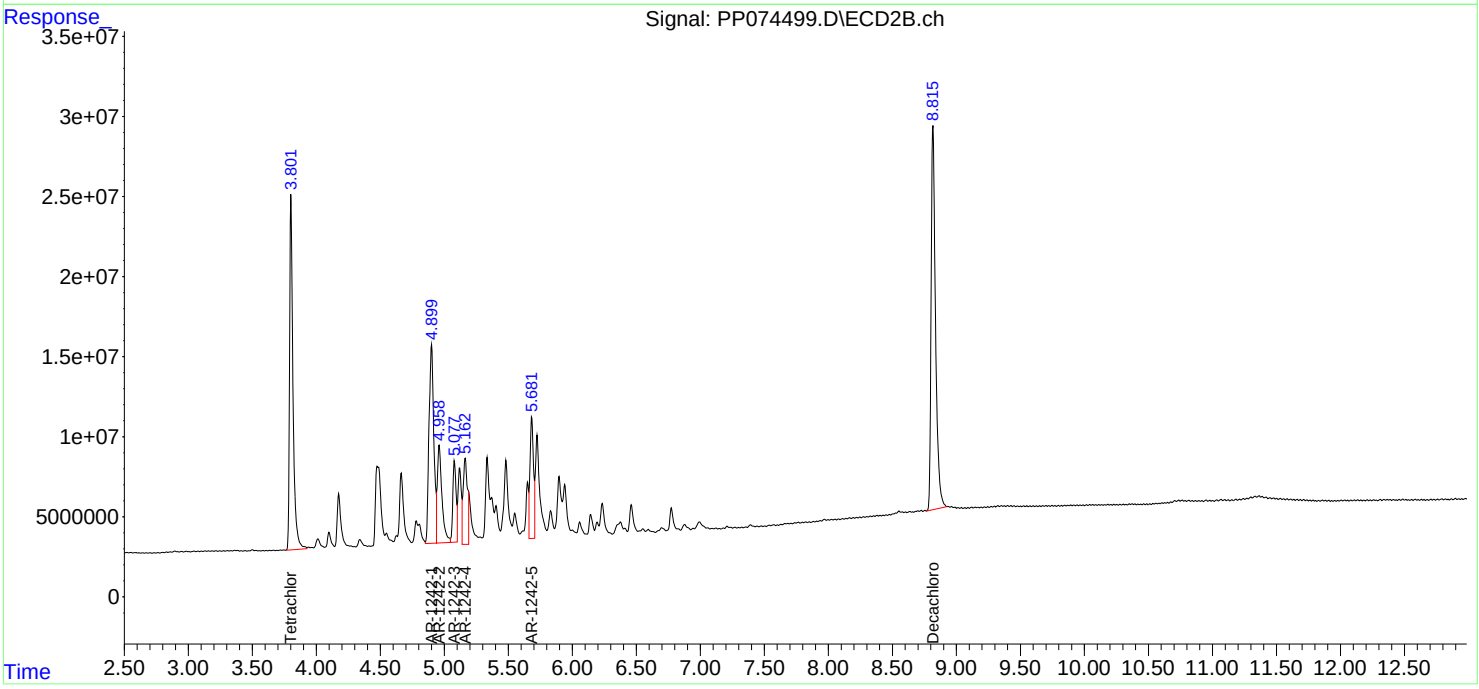
**Manual Integrations APPROVED**

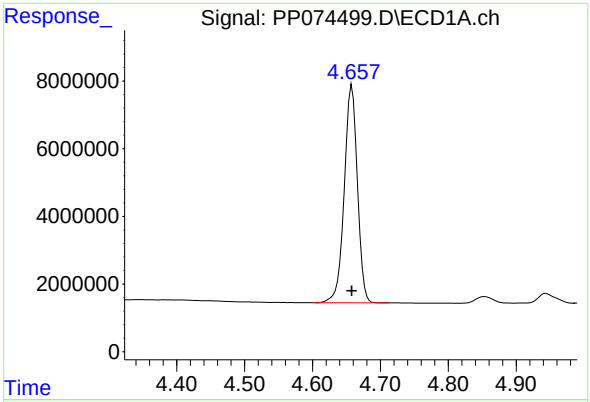
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:26:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 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





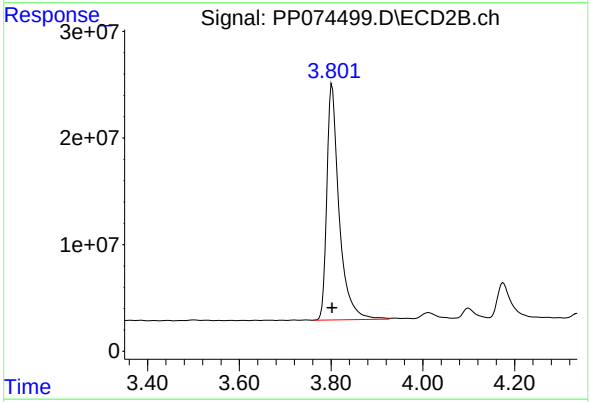

#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 86349070
Conc: 74.26 ng/ml

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

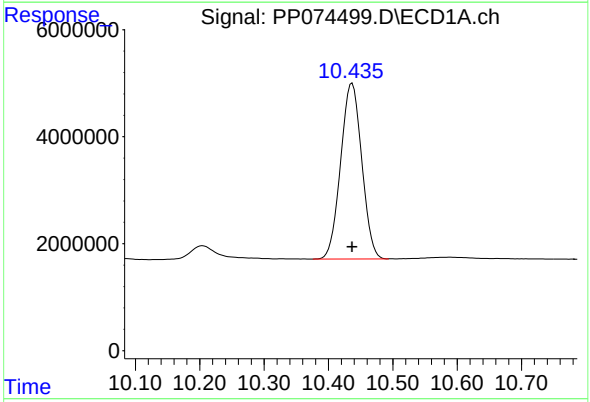
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



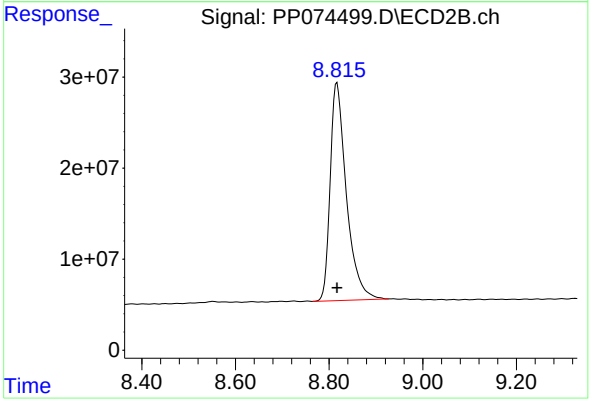

#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 412174509
Conc: 75.80 ng/ml



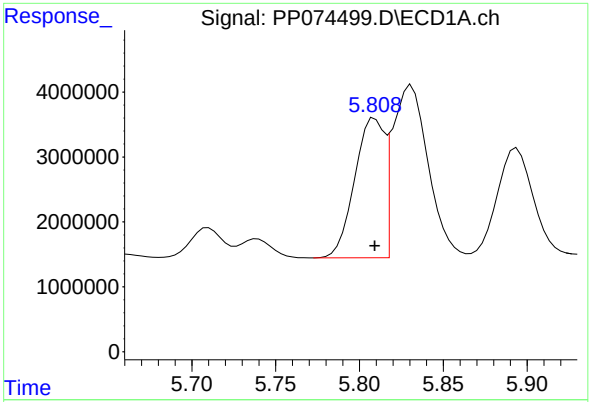

#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 74892062
Conc: 74.12 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 573549063
Conc: 75.34 ng/ml



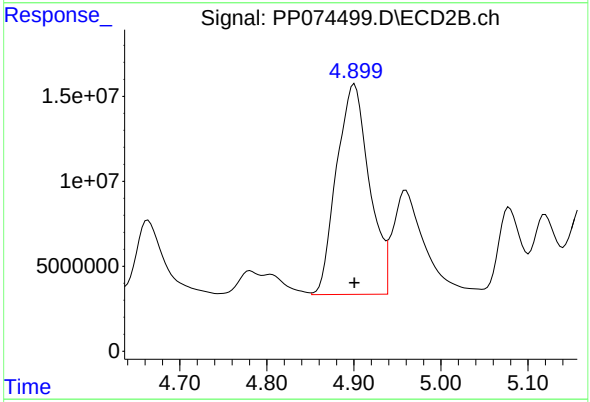

#16 AR-1242-1

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 26397194
Conc: 737.41 ng/ml

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

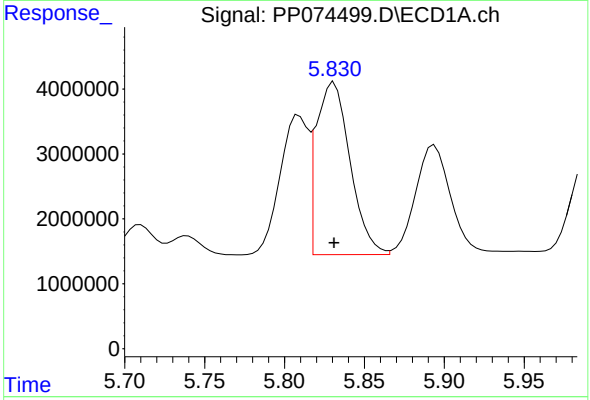
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



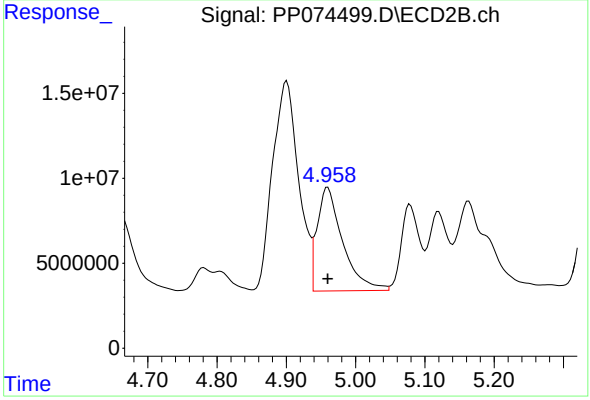

#16 AR-1242-1

R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 323982884
Conc: 749.00 ng/ml



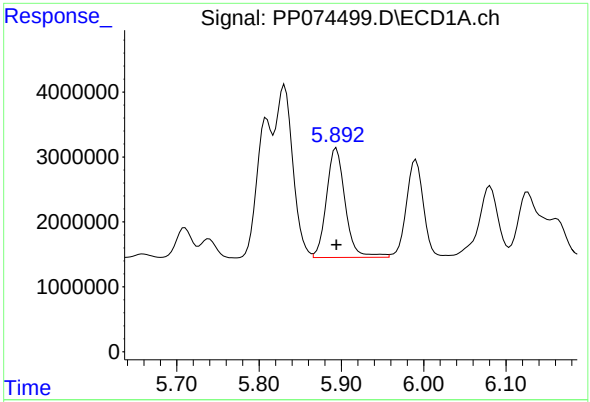

#17 AR-1242-2

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 39340318
Conc: 733.27 ng/ml




#17 AR-1242-2

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 155542353
Conc: 753.57 ng/ml



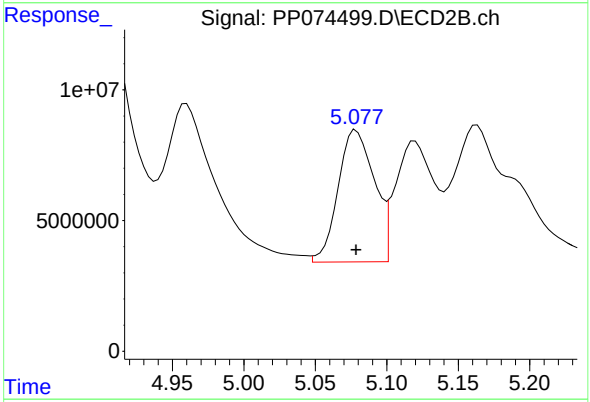

#18 AR-1242-3

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 26560976
Conc: 732.82 ng/ml

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

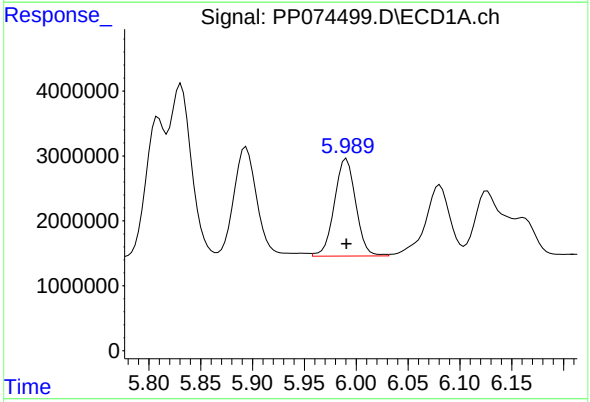
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



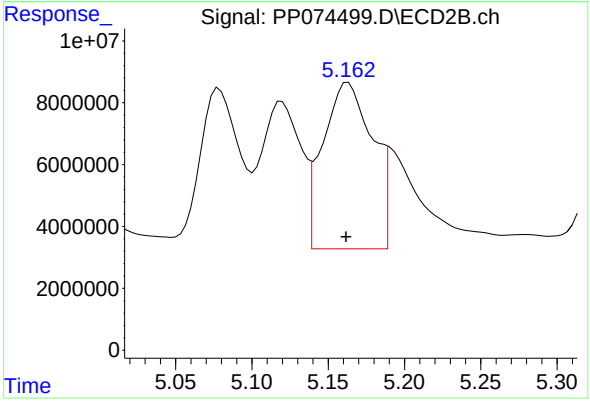

#18 AR-1242-3

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 89250623
Conc: 760.35 ng/ml



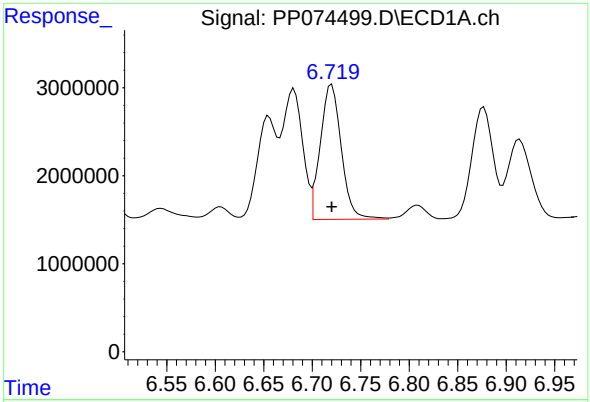

#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 21474232
Conc: 734.42 ng/ml




#19 AR-1242-4

R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 119546957
Conc: 741.58 ng/ml m



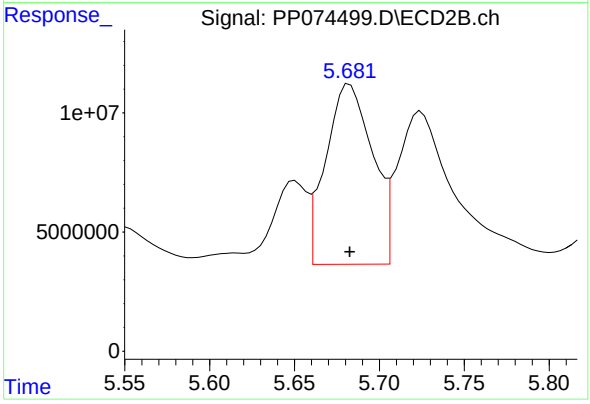

#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 23050385
Conc: 727.20 ng/ml

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#20 AR-1242-5

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 144862190
Conc: 770.07 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:28
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.655 | 3.799 | 61768053 | 263.3E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.434 | 8.814 | 54515432 | 387.5E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.807 | 4.898 | 19330395 | 219.7E6 | 500.000 | 500.000 |
| 17) | L4 AR-1242-2 | 5.828 | 4.957 | 28957608 | 104.4E6 | 500.000 | 500.000 |
| 18) | L4 AR-1242-3 | 5.891 | 5.076 | 19985033 | 59237210 | 500.000 | 500.000 |
| 19) | L4 AR-1242-4 | 5.988 | 5.159 | 15947348 | 84962372 | 500.000 | 493.889m |
| 20) | L4 AR-1242-5 | 6.717 | 5.679 | 17313490 | 97476940 | 500.000 | 500.000 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:28
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

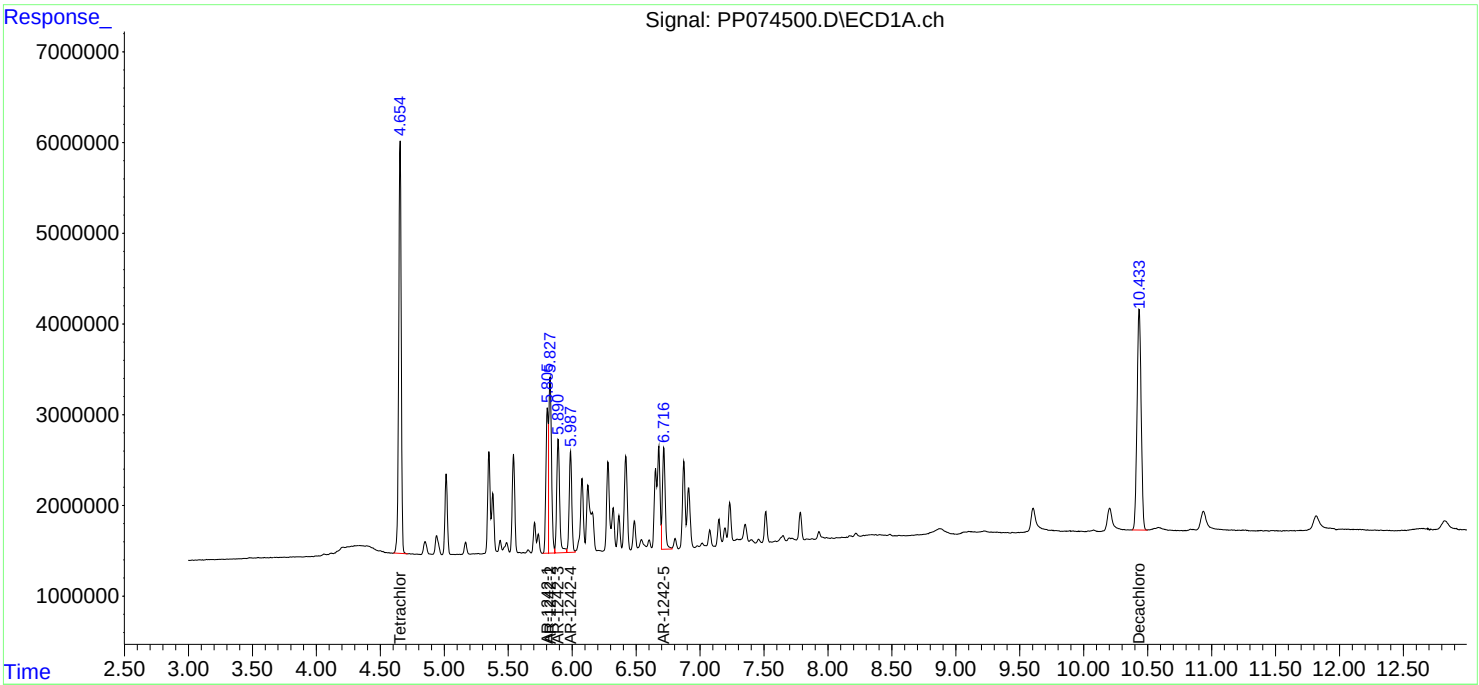
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC500

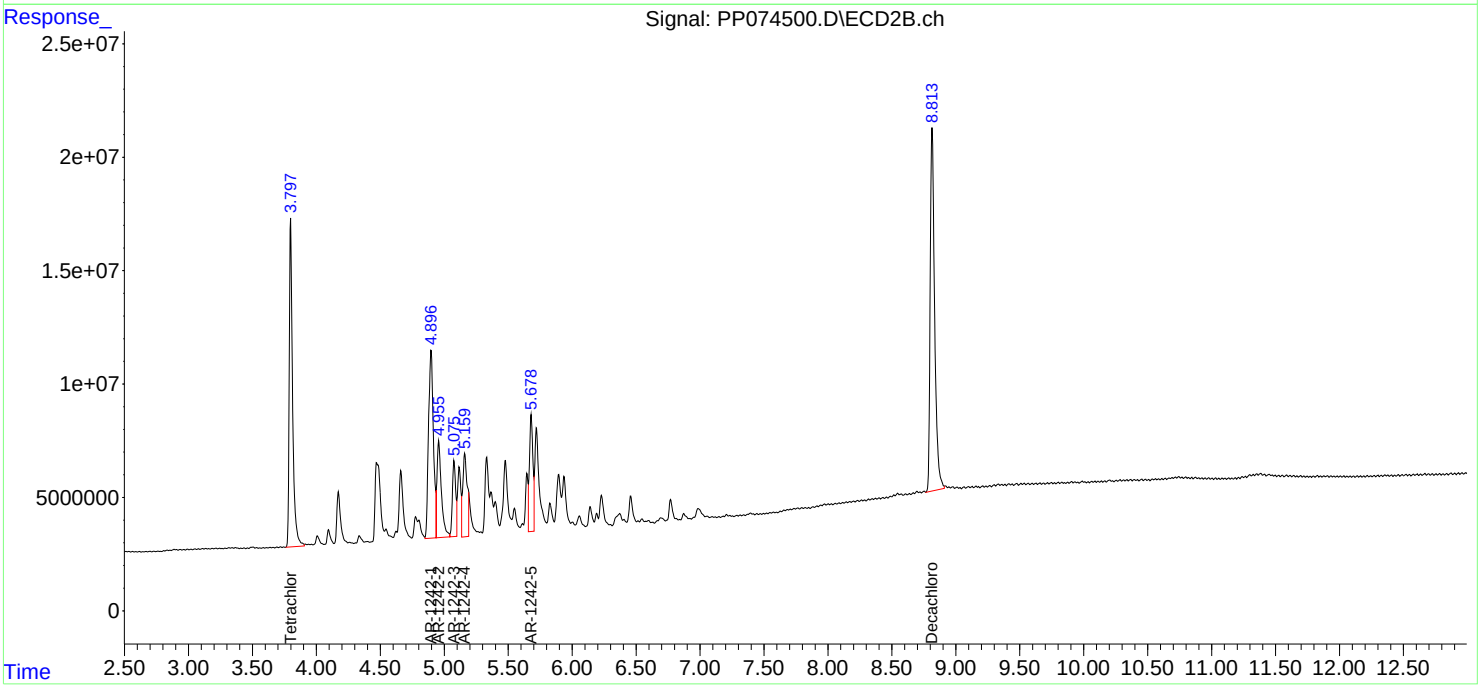
**Manual Integrations APPROVED**

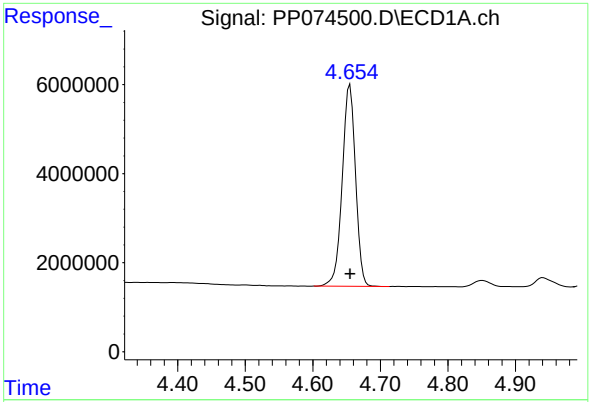
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 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





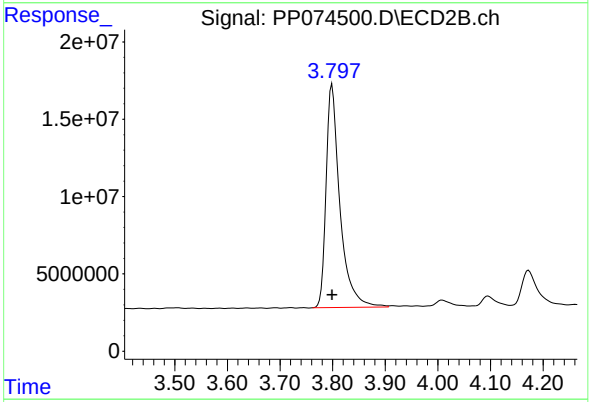

#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 61768053
Conc: 50.00 ng/ml

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

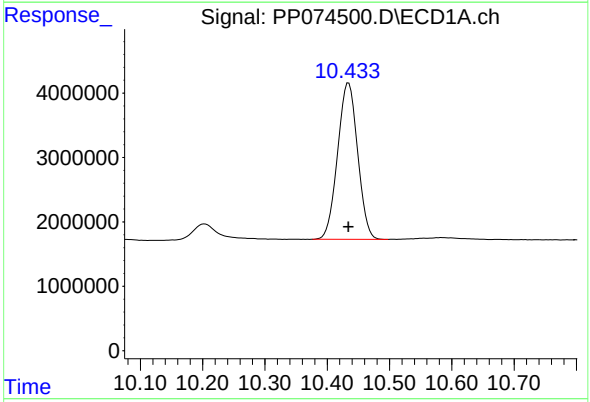
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



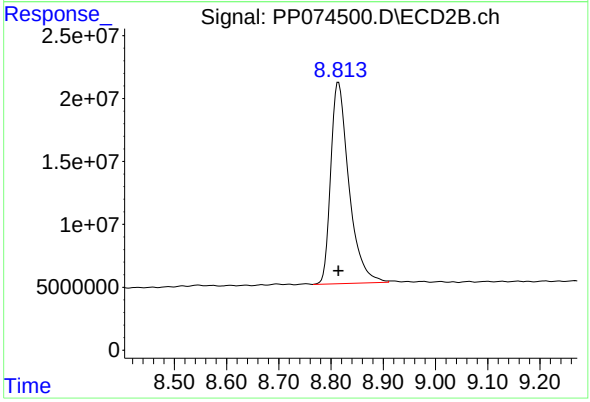

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 263289751
Conc: 50.00 ng/ml



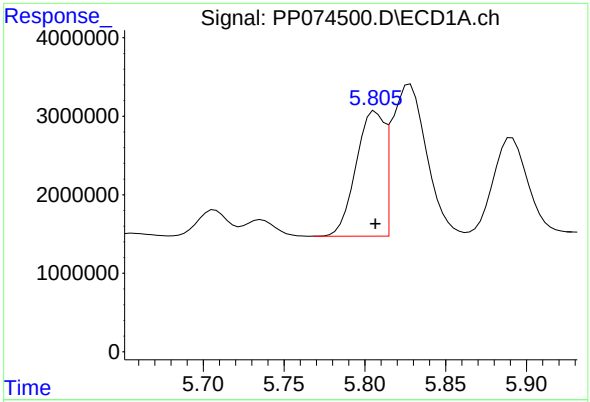

#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 54515432
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 387519048
Conc: 50.00 ng/ml



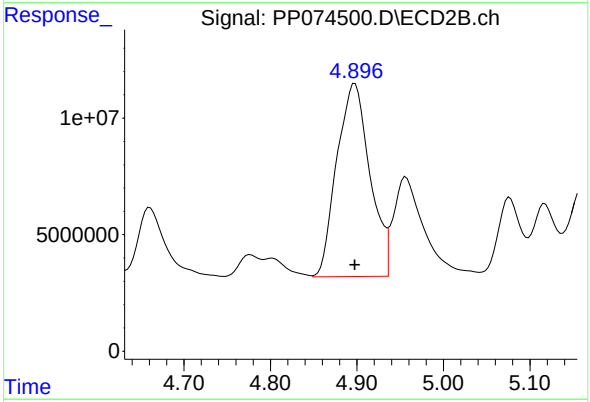

#16 AR-1242-1

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 19330395
Conc: 500.00 ng/ml

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

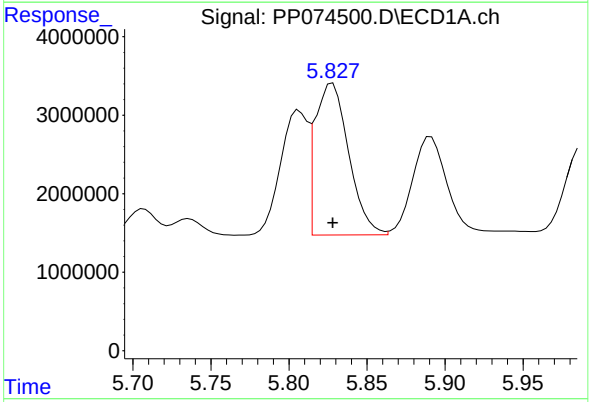
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



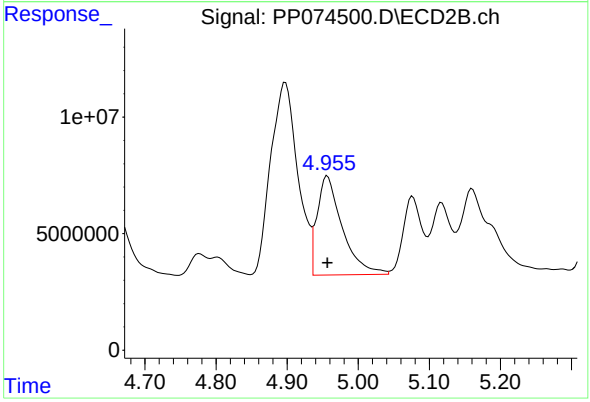

#16 AR-1242-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 219717044
Conc: 500.00 ng/ml



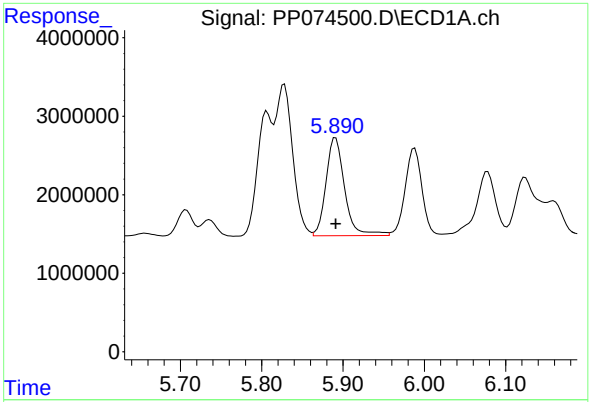

#17 AR-1242-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 28957608
Conc: 500.00 ng/ml




#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 104418566
Conc: 500.00 ng/ml



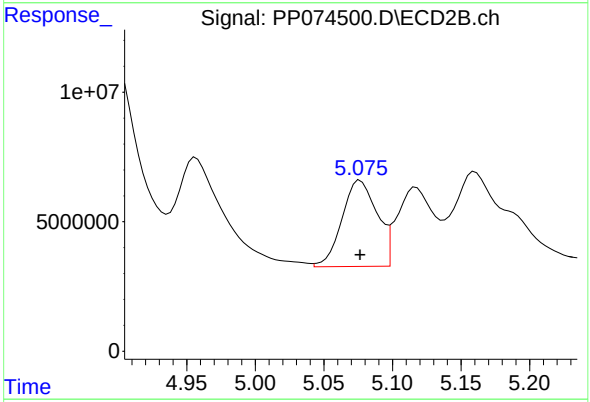

#18 AR-1242-3

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 19985033
Conc: 500.00 ng/ml

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

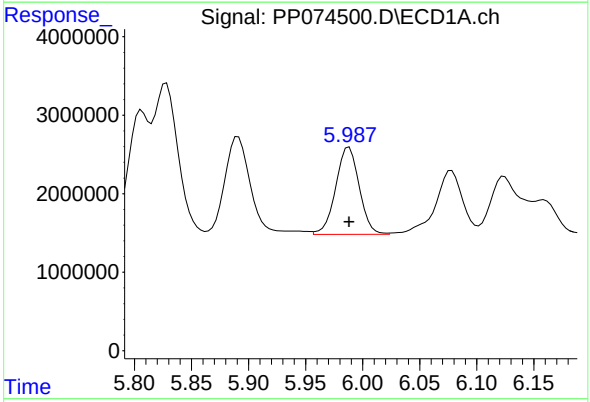
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



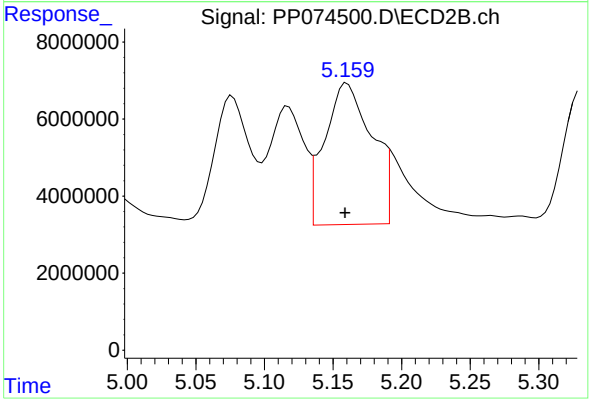

#18 AR-1242-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 59237210
Conc: 500.00 ng/ml



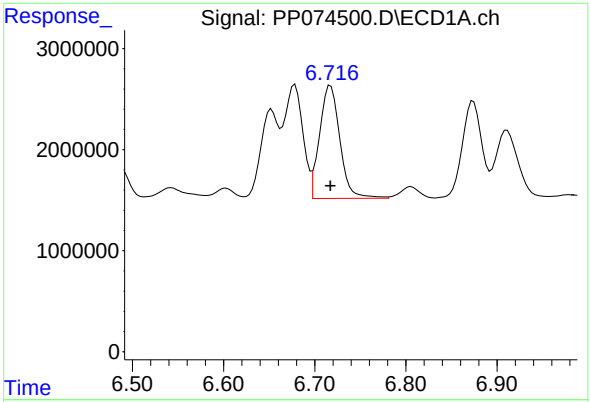

#19 AR-1242-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 15947348
Conc: 500.00 ng/ml




#19 AR-1242-4

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 84962372
Conc: 493.89 ng/ml m



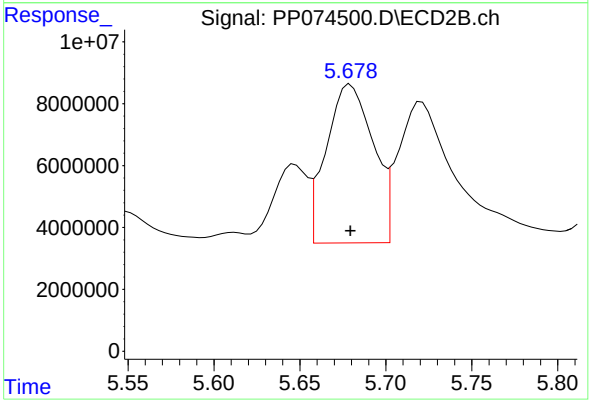

#20 AR-1242-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 17313490
Conc: 500.00 ng/ml

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#20 AR-1242-5

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 97476940
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:44
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:29:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.658 | 3.802 | 31800678 | 118.0E6 | 26.721 | 22.435 |
| 2) | SA Decachlor... | 10.437 | 8.817 | 28324807 | 184.7E6 | 27.206 | 24.441 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.810 | 4.901 | 10310435 | 106.8E6 | 277.473 | 247.620 |
| 17) | L4 AR-1242-2 | 5.831 | 4.959 | 15526062 | 51090902 | 278.425 | 248.140 |
| 18) | L4 AR-1242-3 | 5.894 | 5.079 | 10970993 | 31438734 | 287.541 | 263.142 |
| 19) | L4 AR-1242-4 | 5.991 | 5.161 | 8954111 | 42481198 | 289.928 | 257.799m |
| 20) | L4 AR-1242-5 | 6.720 | 5.682 | 9712723 | 49681879 | 290.054 | 260.430 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:44
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

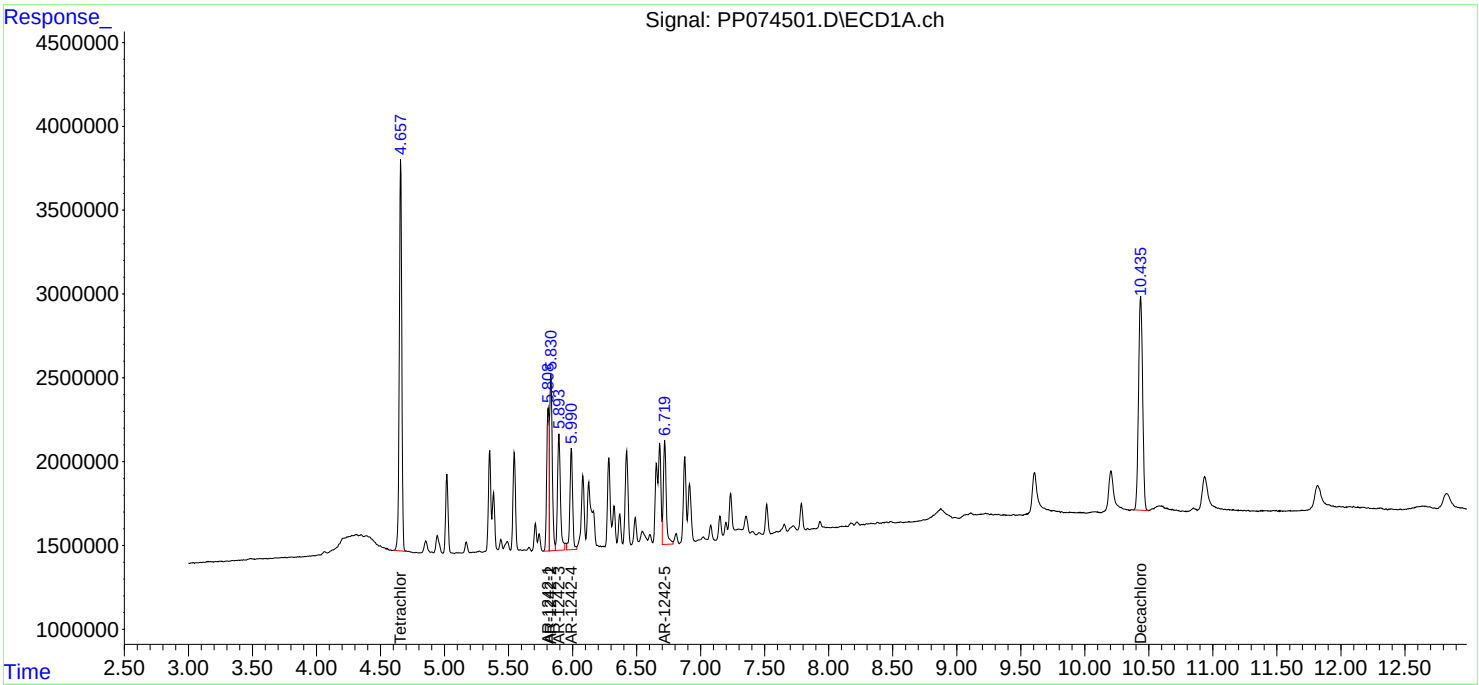
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC250

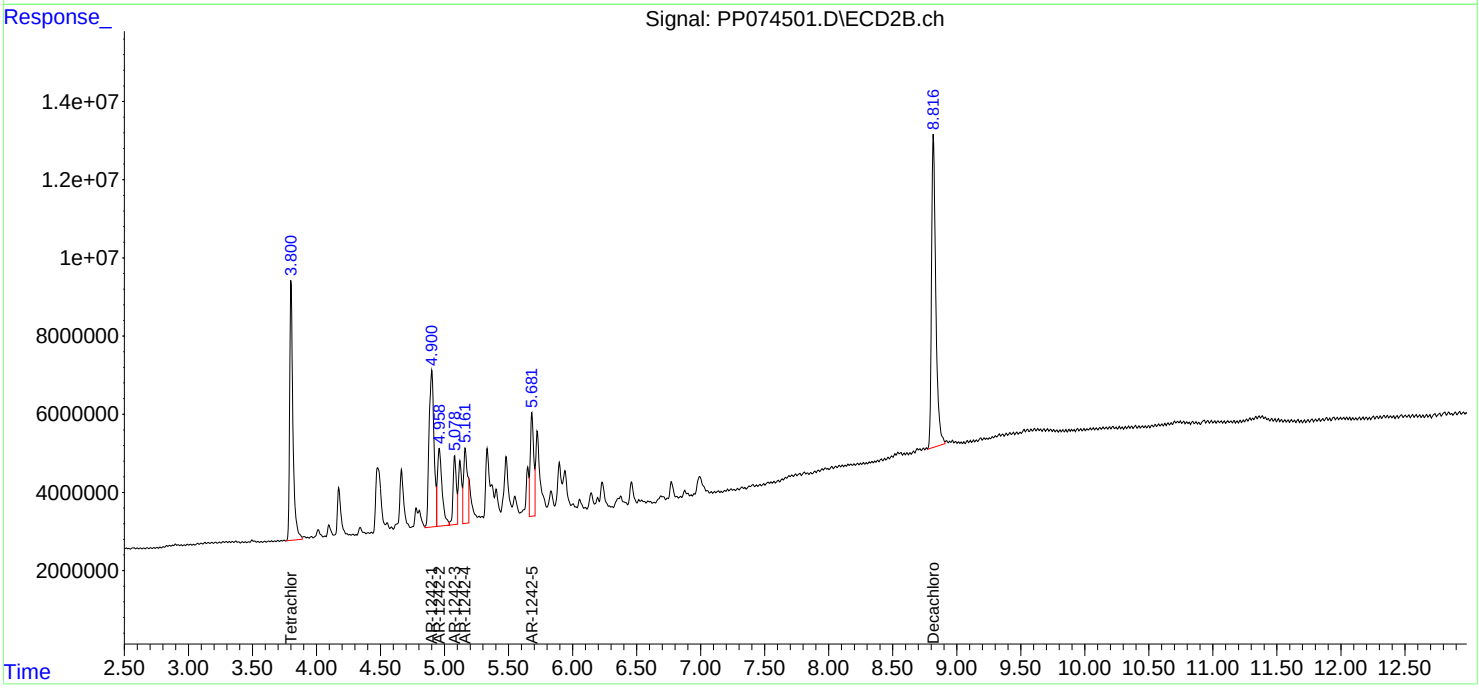
**Manual Integrations APPROVED**

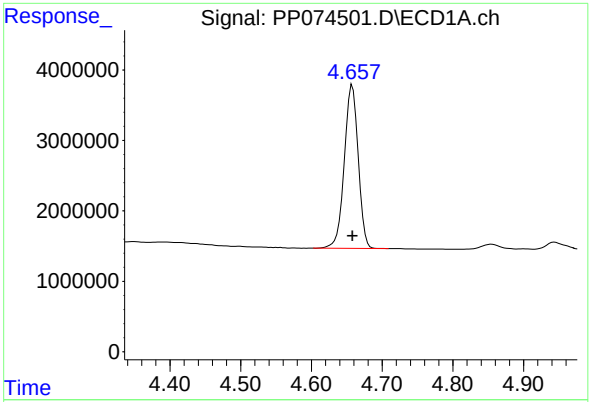
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:29:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 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





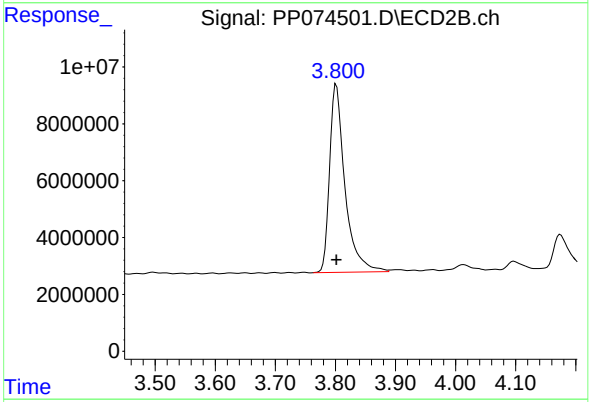

#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 31800678
Conc: 26.72 ng/ml

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

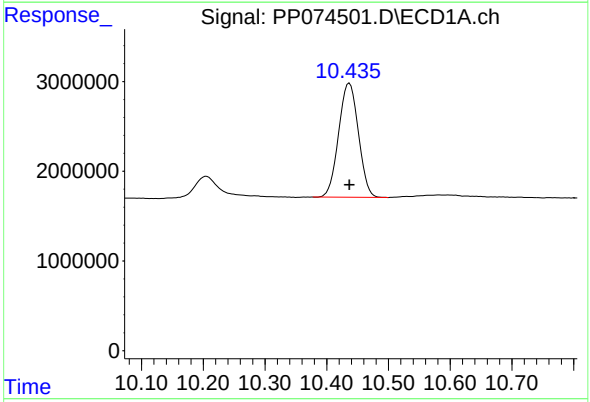
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



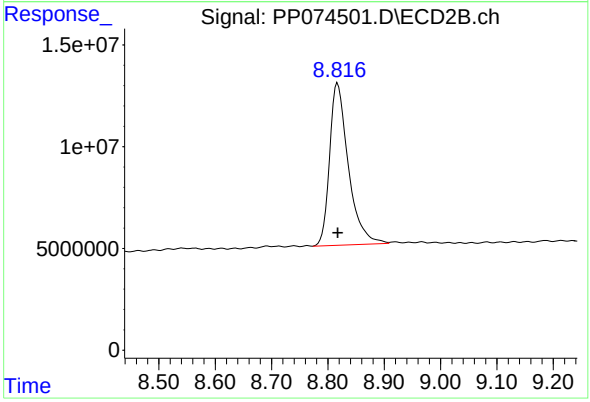

#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 117966079
Conc: 22.44 ng/ml



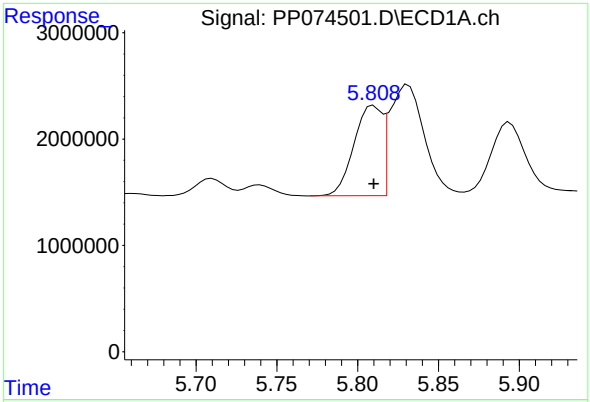

#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 28324807
Conc: 27.21 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 184678720
Conc: 24.44 ng/ml



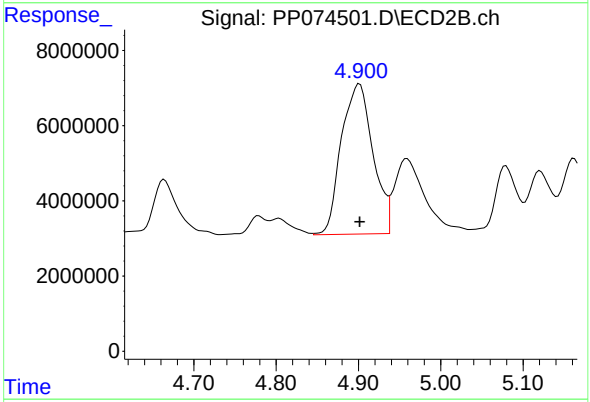

#16 AR-1242-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 10310435
Conc: 277.47 ng/ml

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

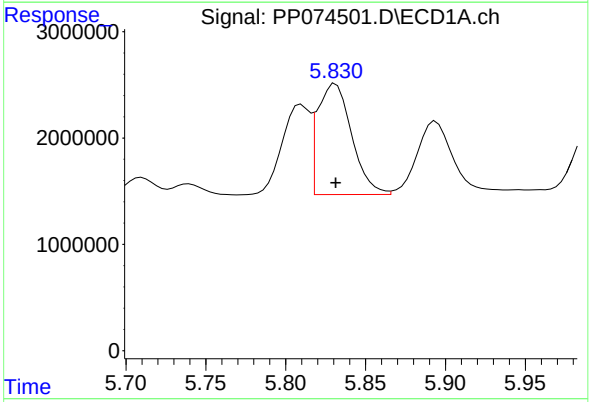
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



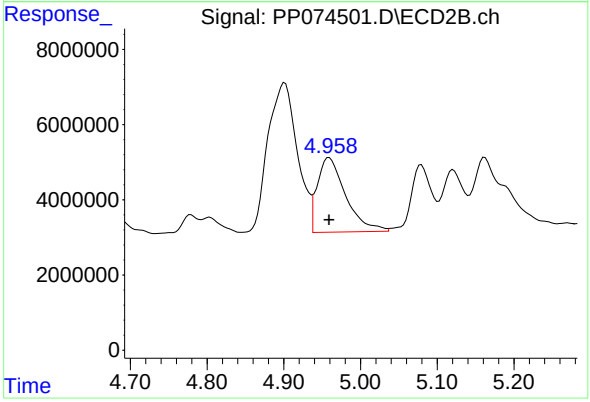

#16 AR-1242-1

R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 106769716
Conc: 247.62 ng/ml



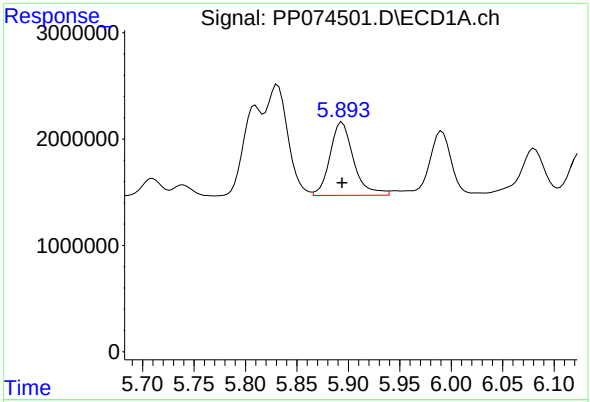

#17 AR-1242-2

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 15526062
Conc: 278.42 ng/ml




#17 AR-1242-2

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 51090902
Conc: 248.14 ng/ml



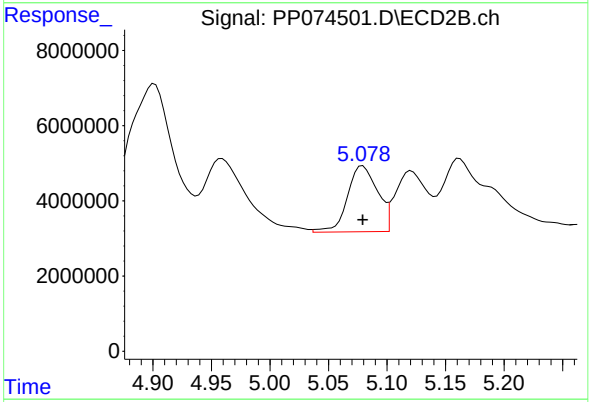

#18 AR-1242-3

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 10970993
Conc: 287.54 ng/ml

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

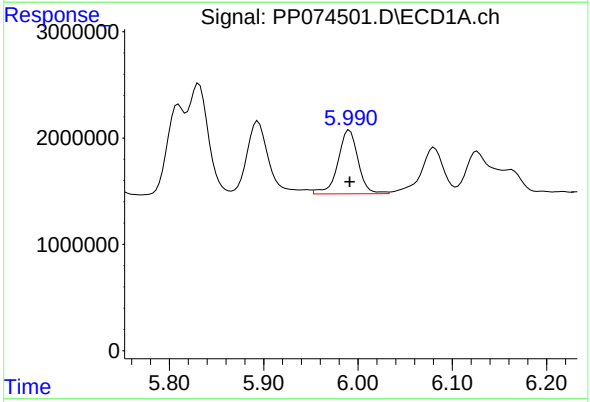
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



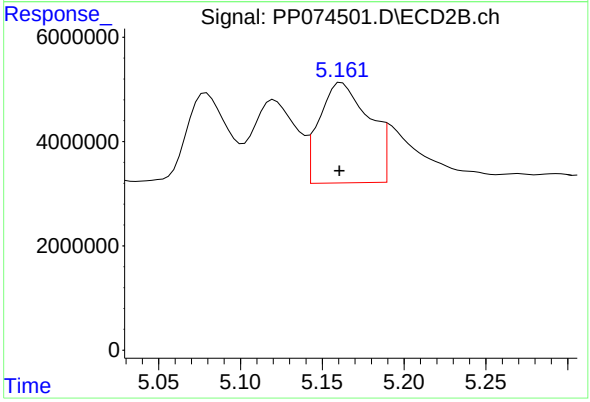

#18 AR-1242-3

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 31438734
Conc: 263.14 ng/ml



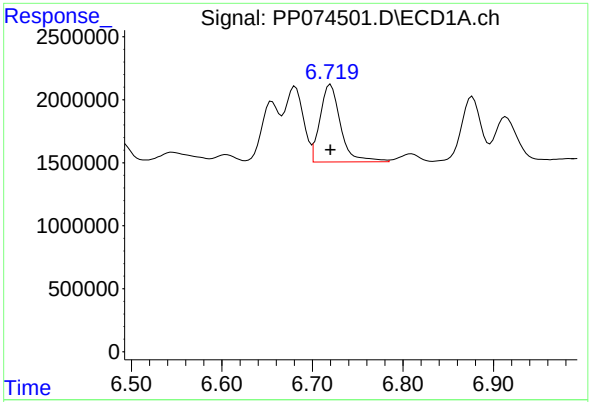

#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 8954111
Conc: 289.93 ng/ml




#19 AR-1242-4

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 42481198
Conc: 257.80 ng/ml m



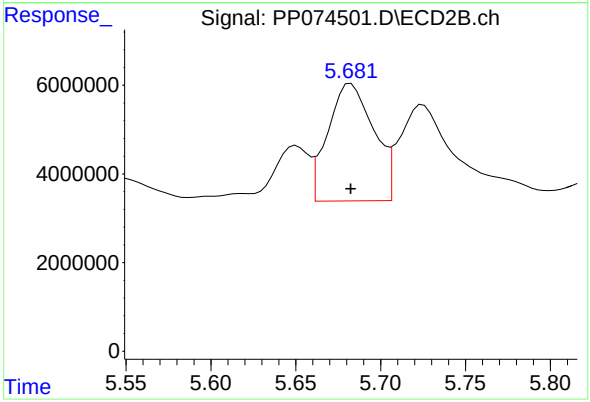

#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 9712723
Conc: 290.05 ng/ml

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#20 AR-1242-5

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 49681879
Conc: 260.43 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:00
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:33:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.656 | 3.798 | 6391941 | 16722681 | 5.292 | 3.430 # |
| 2) | SA Decachlor... | 10.435 | 8.815 | 5418588 | 33484970 | 5.162 | 4.535 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.806 | 4.899 | 2137122 | 19201283 | 56.071m | 45.527 |
| 17) | L4 AR-1242-2 | 5.828 | 4.955 | 2967713 | 8891532 | 52.817m | 44.395 |
| 18) | L4 AR-1242-3 | 5.891 | 5.077 | 2519809 | 5679652 | 61.812m | 48.011 |
| 19) | L4 AR-1242-4 | 5.987 | 5.156 | 1758680 | 9687724 | 54.251m | 58.359m |
| 20) | L4 AR-1242-5 | 6.717 | 5.680 | 2320479 | 8137241 | 65.686m | 43.946 # |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:00
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

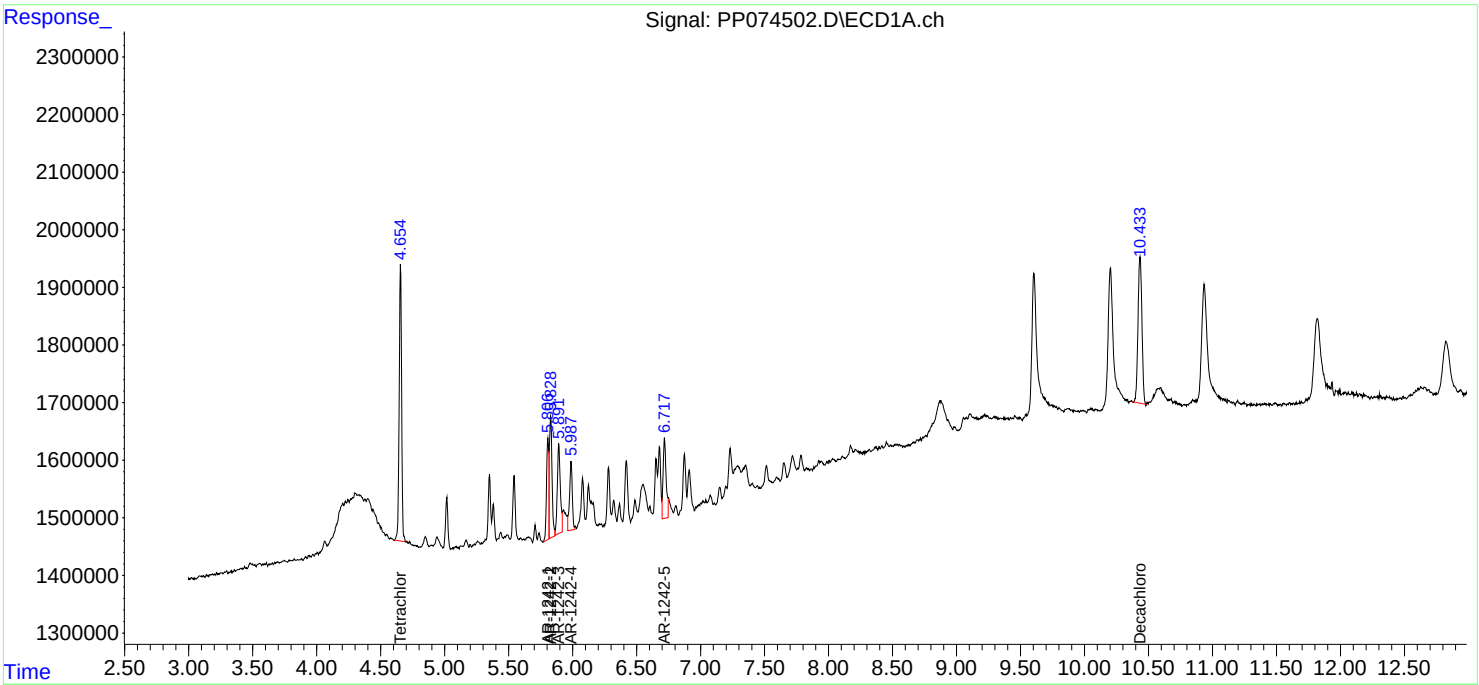
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC050

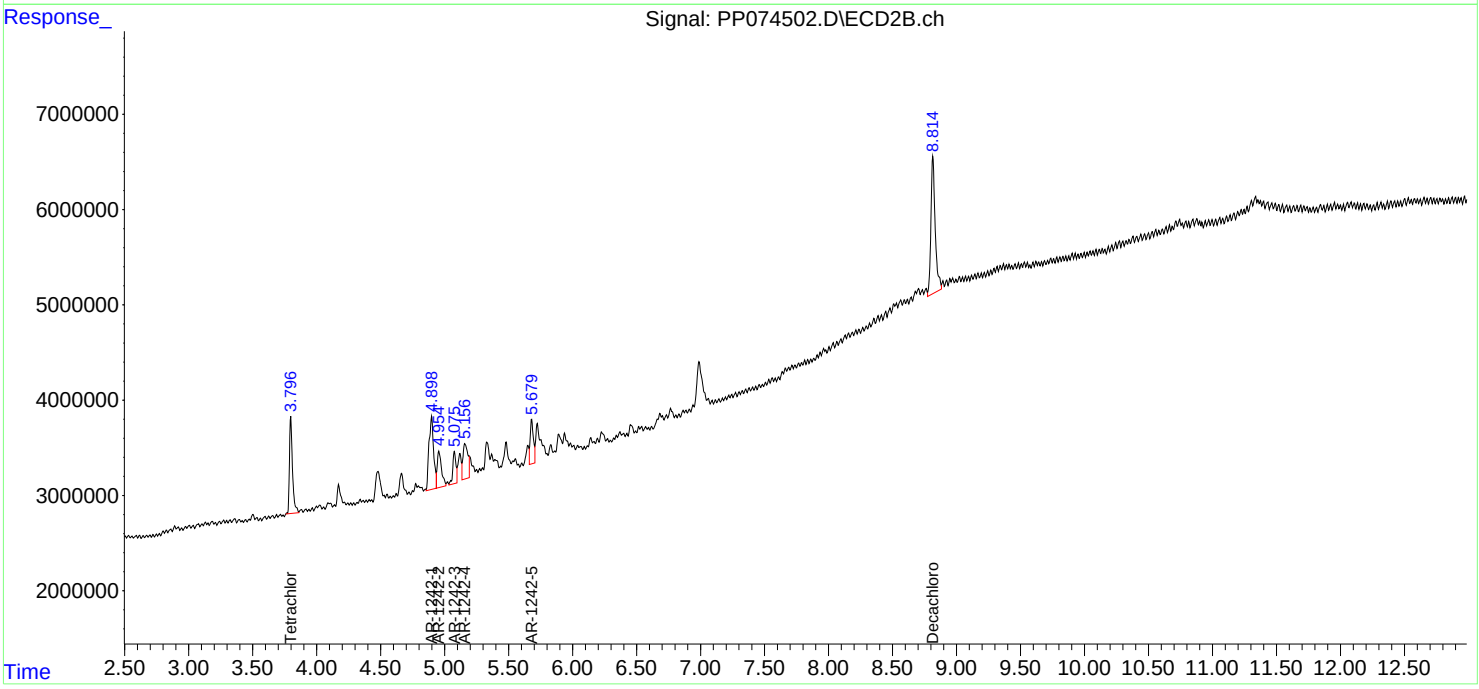
**Manual Integrations APPROVED**

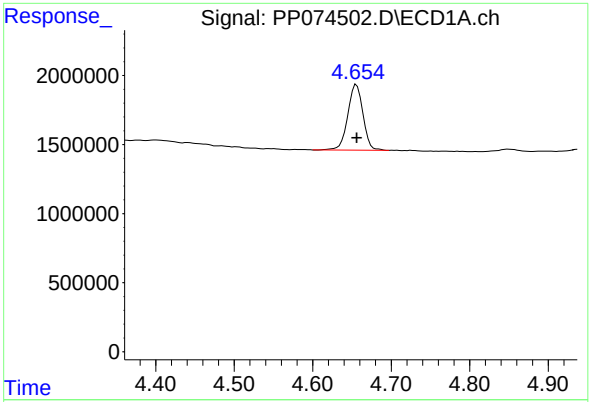
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:33:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 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





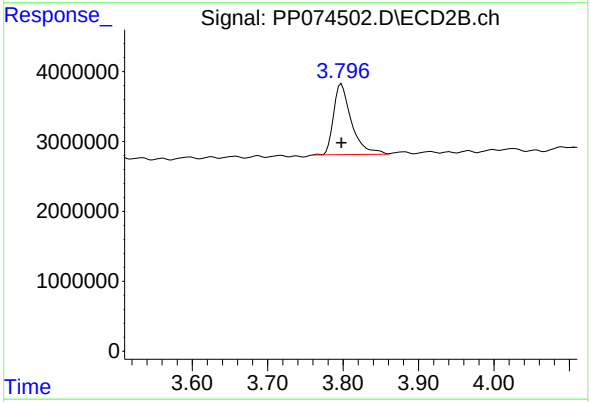

#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 6391941
Conc: 5.29 ng/ml

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

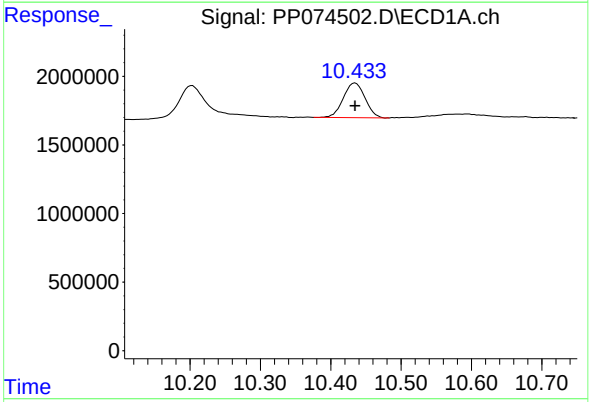
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



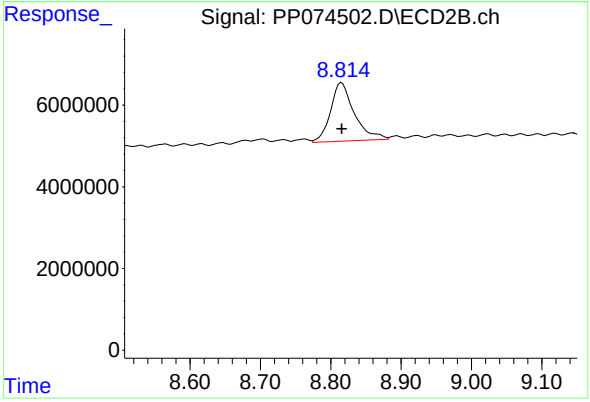

#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 16722681
Conc: 3.43 ng/ml



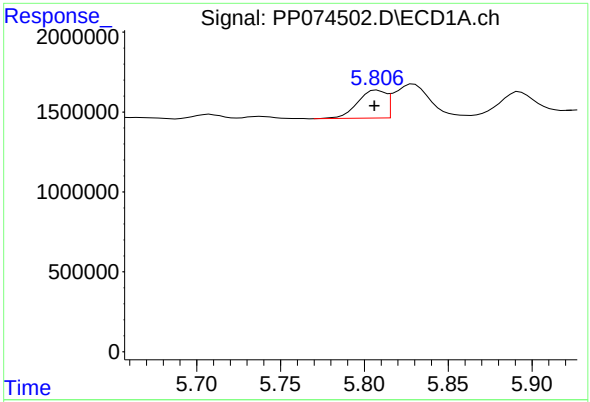

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 5418588
Conc: 5.16 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 33484970
Conc: 4.53 ng/ml



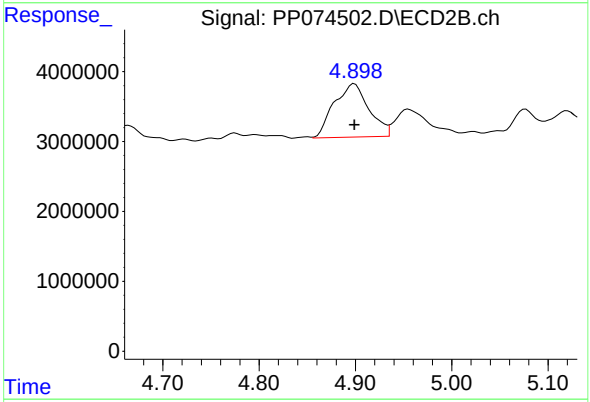

#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 2137122
Conc: 56.07 ng/ml

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

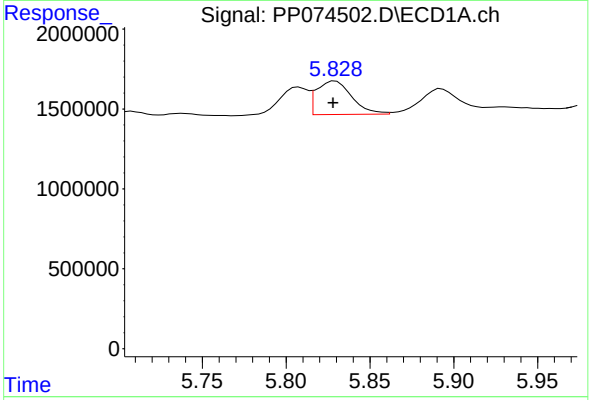
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



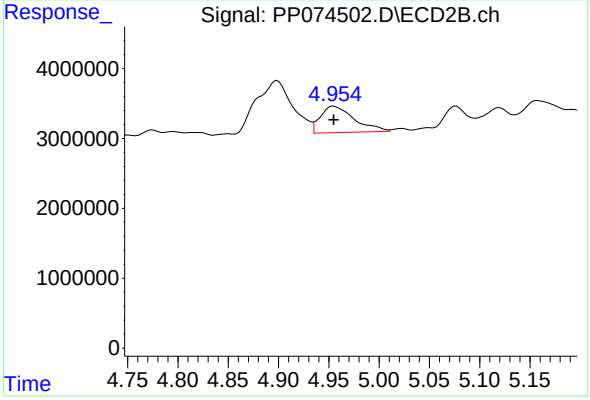

#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 19201283
Conc: 45.53 ng/ml



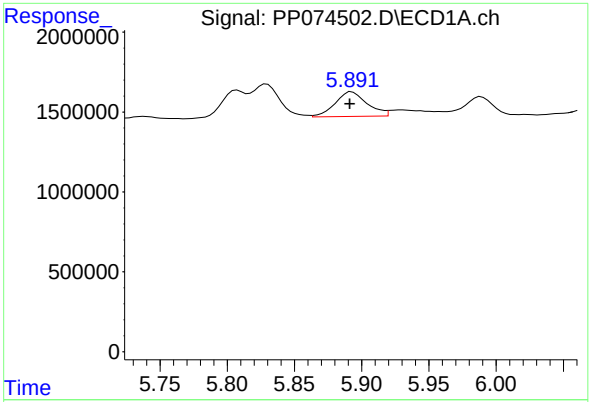

#17 AR-1242-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 2967713
Conc: 52.82 ng/ml m




#17 AR-1242-2

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 8891532
Conc: 44.39 ng/ml



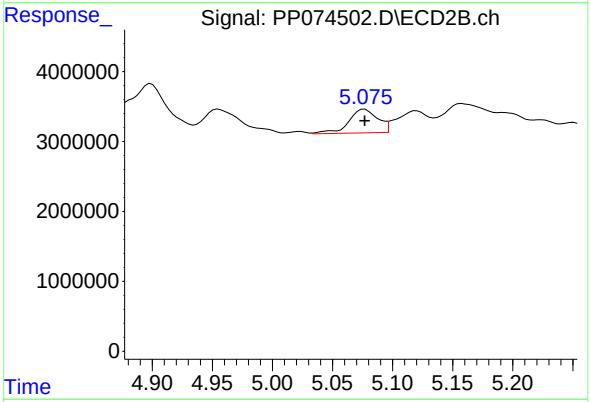

#18 AR-1242-3

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 2519809
Conc: 61.81 ng/ml

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

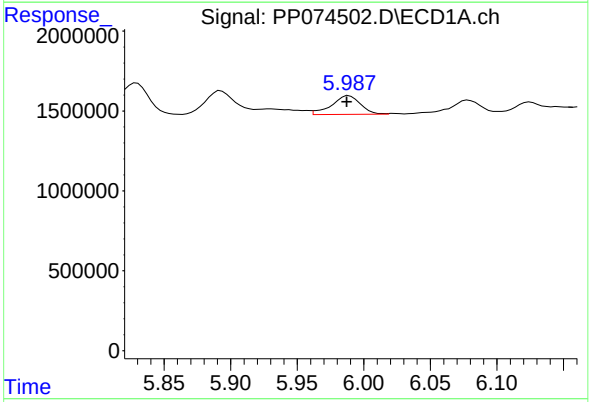
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



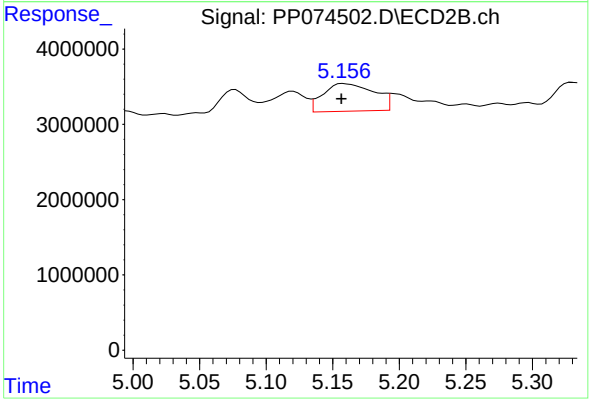

#18 AR-1242-3

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 5679652
Conc: 48.01 ng/ml



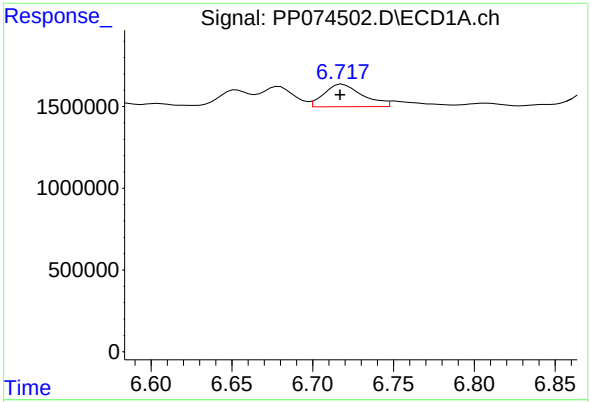

#19 AR-1242-4

R.T.: 5.987 min
Delta R.T.: 0.000 min
Response: 1758680
Conc: 54.25 ng/ml m




#19 AR-1242-4

R.T.: 5.156 min
Delta R.T.: 0.000 min
Response: 9687724
Conc: 58.36 ng/ml m



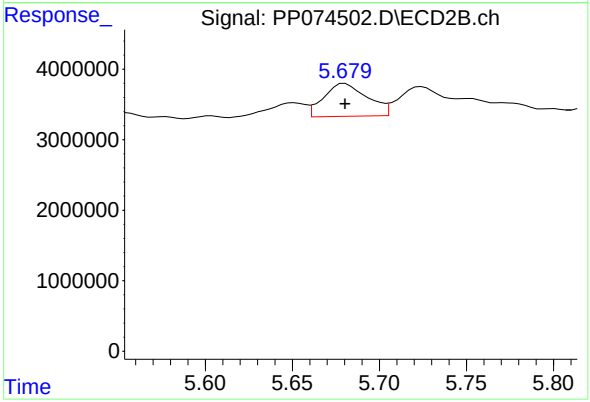

#20 AR-1242-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 2320479
Conc: 65.69 ng/ml

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#20 AR-1242-5

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 8137241
Conc: 43.95 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:16
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:04:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.655 | 3.800 | 110.1E6 | 492.2E6 | 91.706 | 99.983 |
| 2) | SA Decachlor... | 10.435 | 8.815 | 95099389 | 736.2E6 | 88.794 | 93.998 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.806 | 4.897 | 26825393 | 276.8E6 | 869.659 | 941.101 |
| 22) | L5 AR-1248-2 | 6.078 | 5.118 | 37601198 | 170.4E6 | 870.163 | 925.395 |
| 23) | L5 AR-1248-3 | 6.281 | 5.157 | 41457218 | 216.9E6 | 885.508 | 952.815m |
| 24) | L5 AR-1248-4 | 6.679 | 5.331 | 47576379 | 216.0E6 | 874.270 | 940.843 |
| 25) | L5 AR-1248-5 | 6.718 | 5.721 | 47007884 | 365.9E6 | 868.926 | 946.465 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:16
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

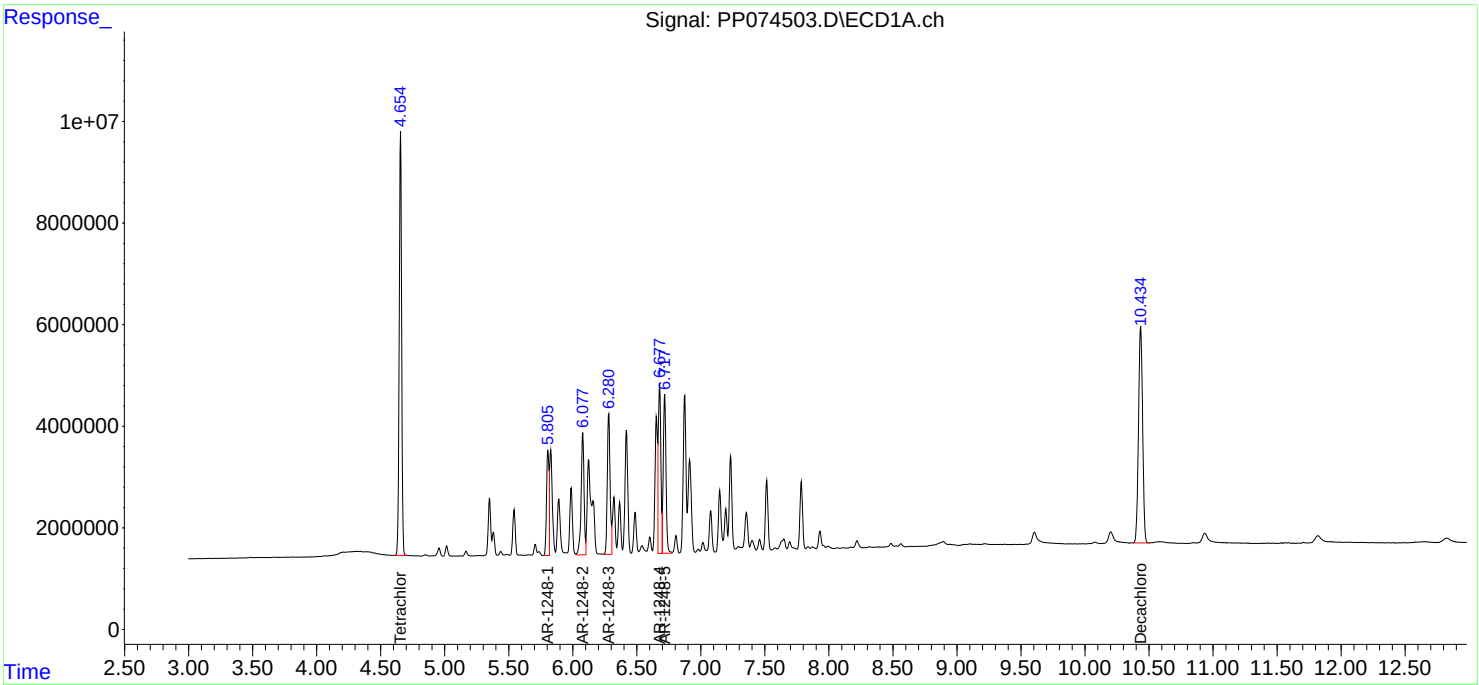
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC1000

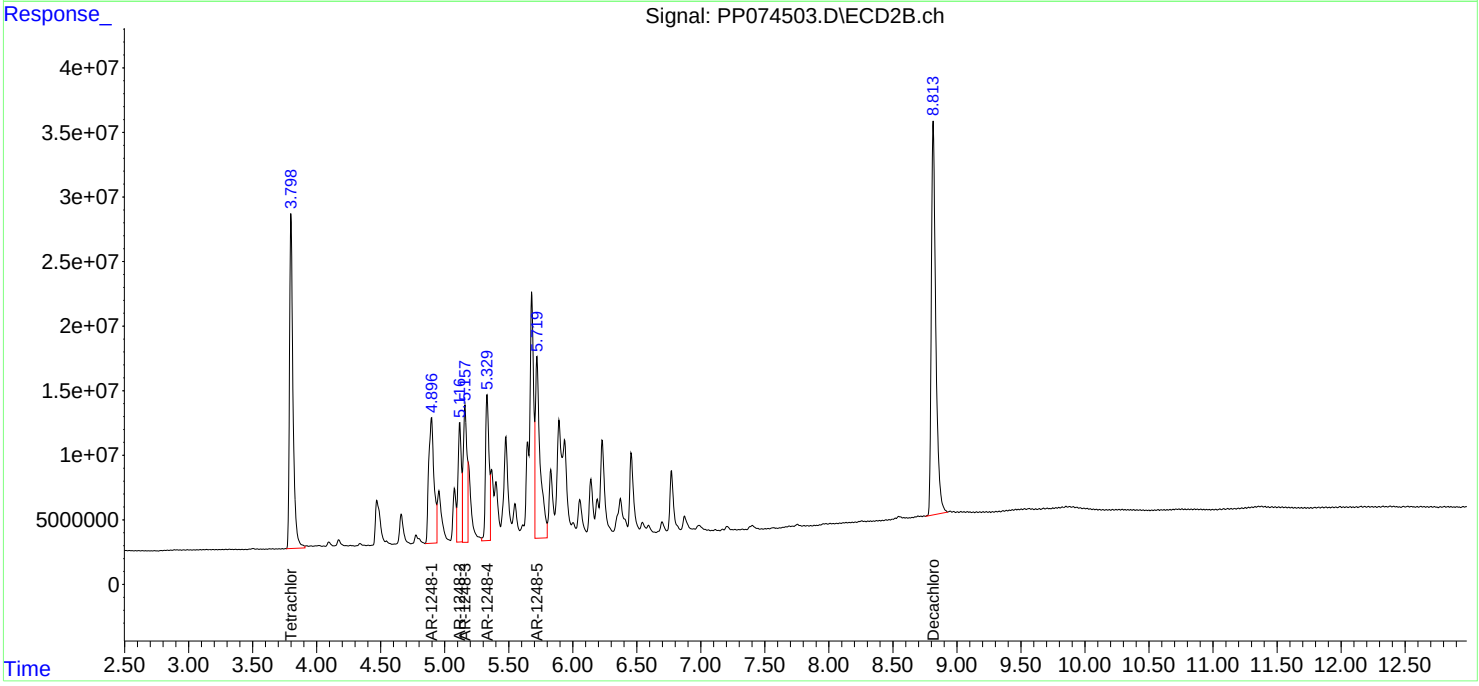
**Manual Integrations APPROVED**

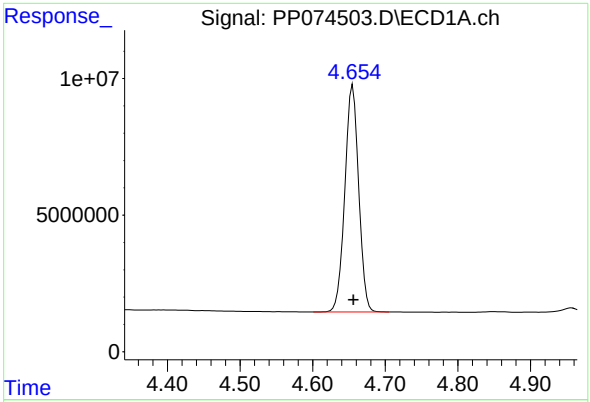
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:04:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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





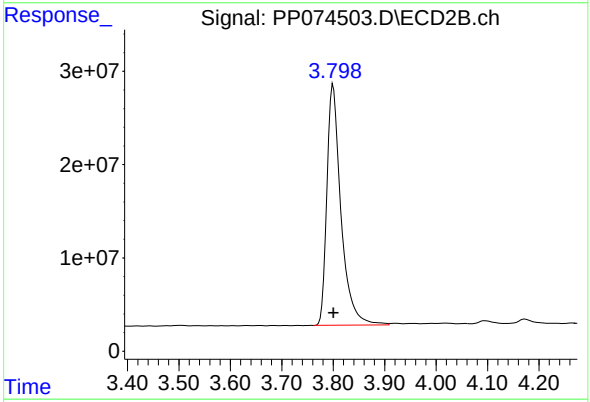

#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 110099195
Conc: 91.71 ng/ml

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

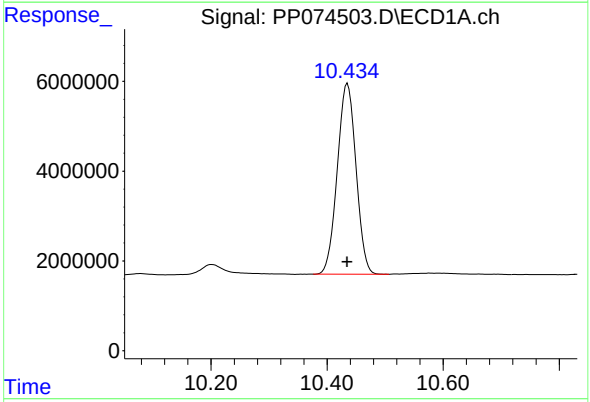
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



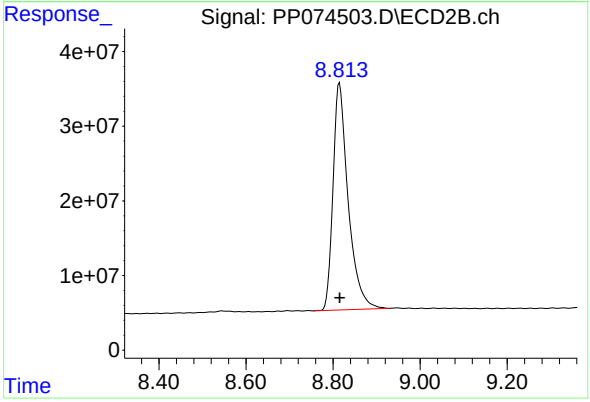

#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 492177520
Conc: 99.98 ng/ml



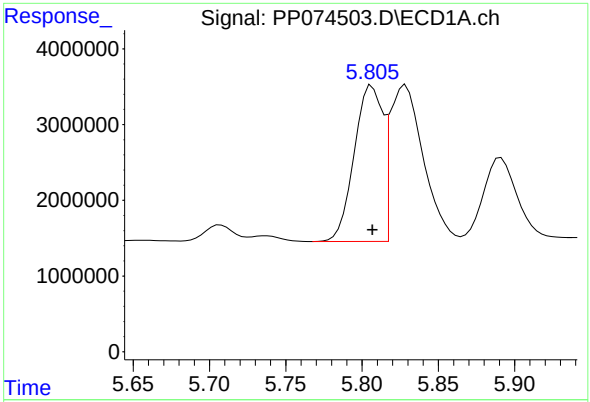

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 95099389
Conc: 88.79 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 736217044
Conc: 94.00 ng/ml



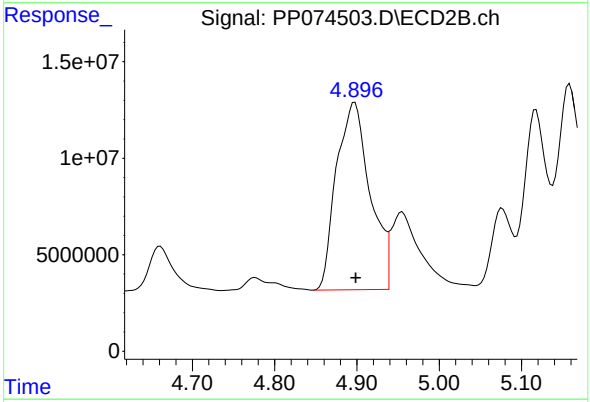

#21 AR-1248-1

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 26825393
Conc: 869.66 ng/ml

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

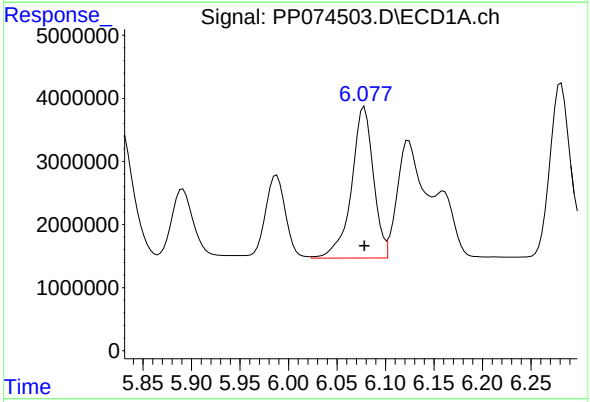
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



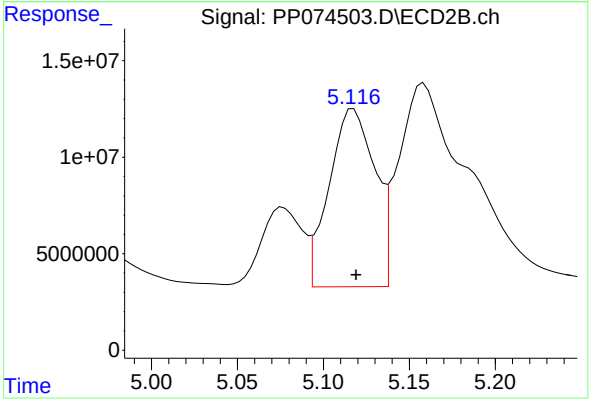

#21 AR-1248-1

R.T.: 4.897 min
Delta R.T.: -0.001 min
Response: 276787529
Conc: 941.10 ng/ml



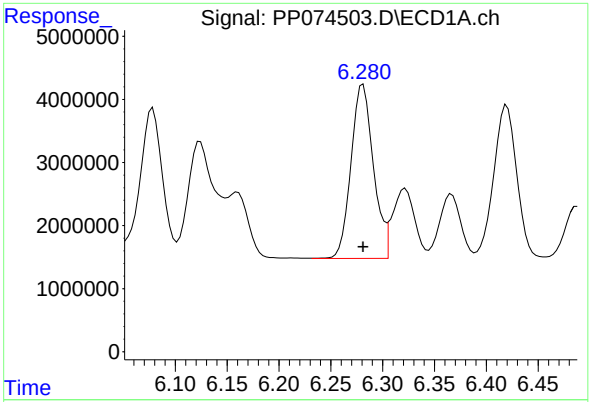

#22 AR-1248-2

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 37601198
Conc: 870.16 ng/ml




#22 AR-1248-2

R.T.: 5.118 min
Delta R.T.: -0.001 min
Response: 170428062
Conc: 925.40 ng/ml



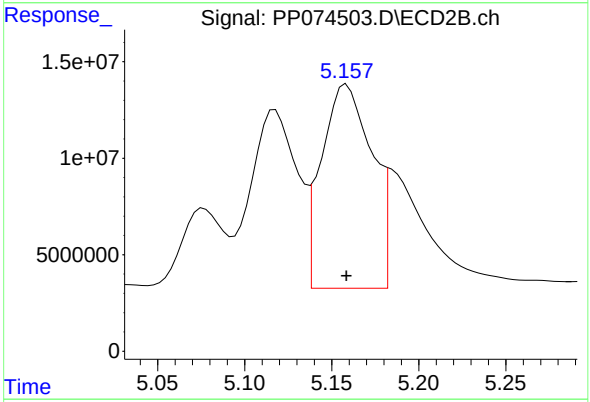

#23 AR-1248-3

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 41457218
Conc: 885.51 ng/ml

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

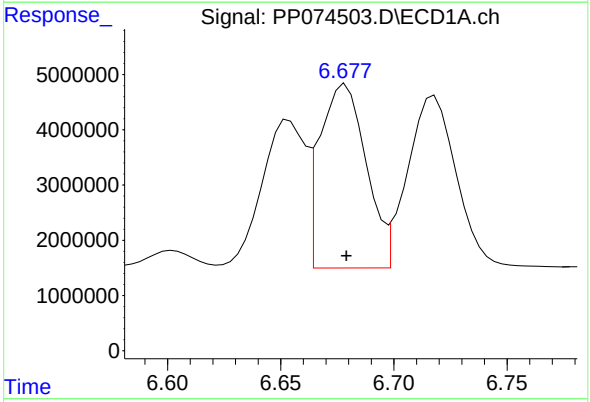
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



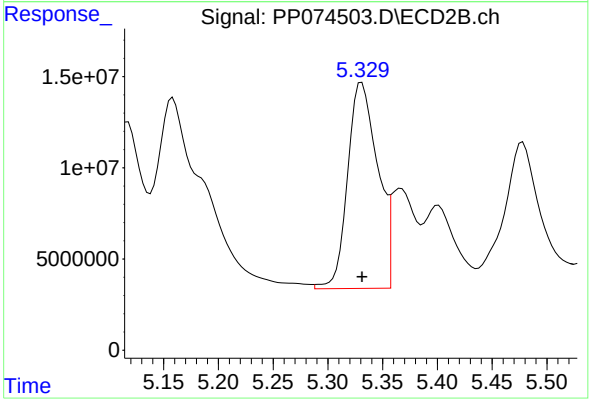

#23 AR-1248-3

R.T.: 5.157 min
Delta R.T.: -0.001 min
Response: 216883105
Conc: 952.82 ng/ml m



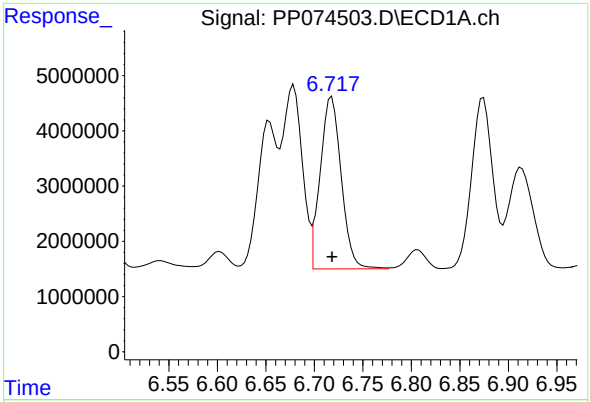

#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 47576379
Conc: 874.27 ng/ml




#24 AR-1248-4

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 216013976
Conc: 940.84 ng/ml



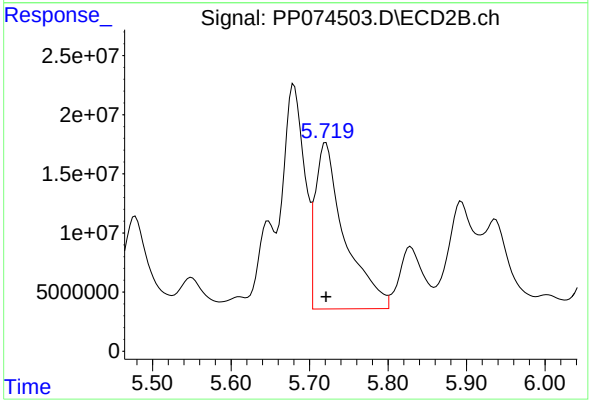

#25 AR-1248-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 47007884
Conc: 868.93 ng/ml

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#25 AR-1248-5

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 365899980
Conc: 946.47 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:33
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.659 | 3.803 | 86008422 | 395.4E6 | 71.640 | 80.329 |
| 2) | SA Decachlor... | 10.439 | 8.818 | 75691794 | 571.8E6 | 70.673 | 72.999 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.810 | 4.902 | 21304287 | 204.7E6 | 690.669 | 696.142 |
| 22) | L5 AR-1248-2 | 6.082 | 5.122 | 29923107 | 132.7E6 | 692.477 | 720.722 |
| 23) | L5 AR-1248-3 | 6.284 | 5.161 | 32832116 | 177.7E6 | 701.279 | 780.792m |
| 24) | L5 AR-1248-4 | 6.682 | 5.334 | 38171735 | 166.6E6 | 701.449 | 725.726 |
| 25) | L5 AR-1248-5 | 6.721 | 5.724 | 37544119 | 283.6E6 | 693.991 | 733.686 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:33
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

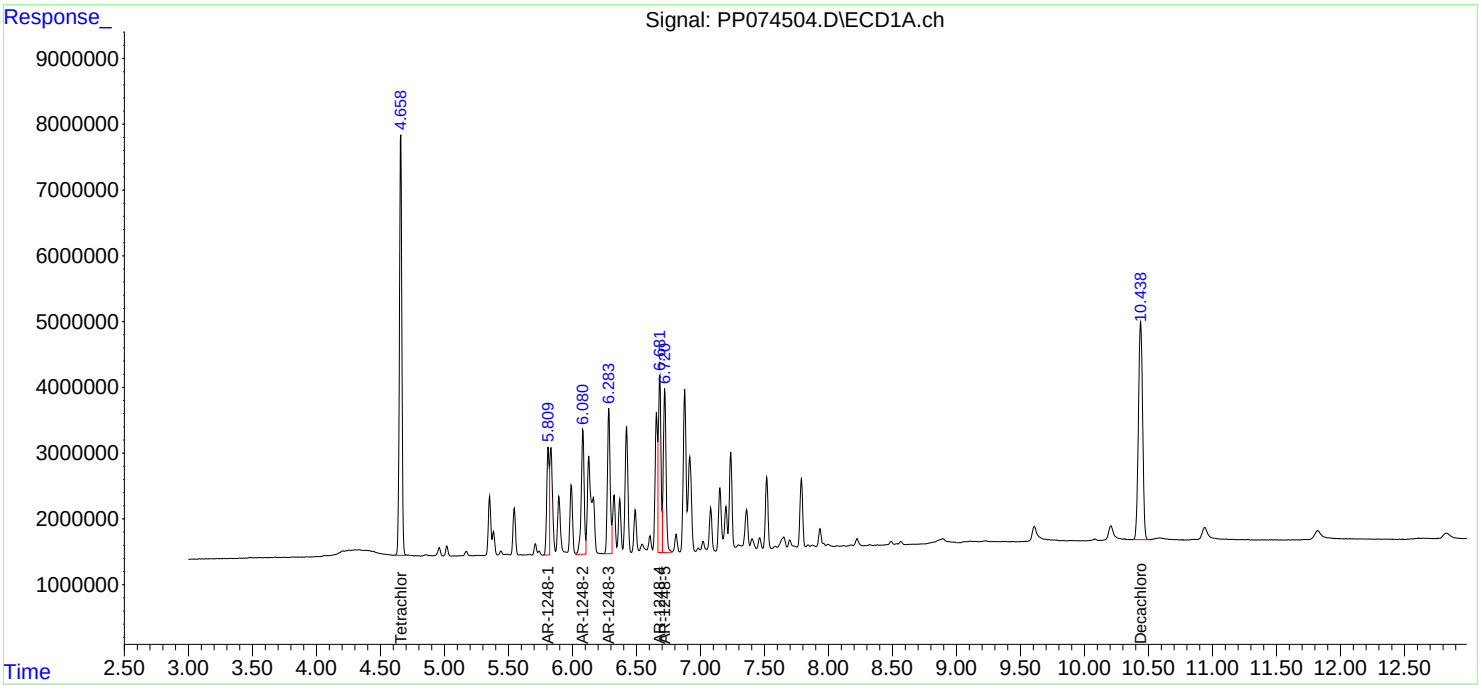
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC750

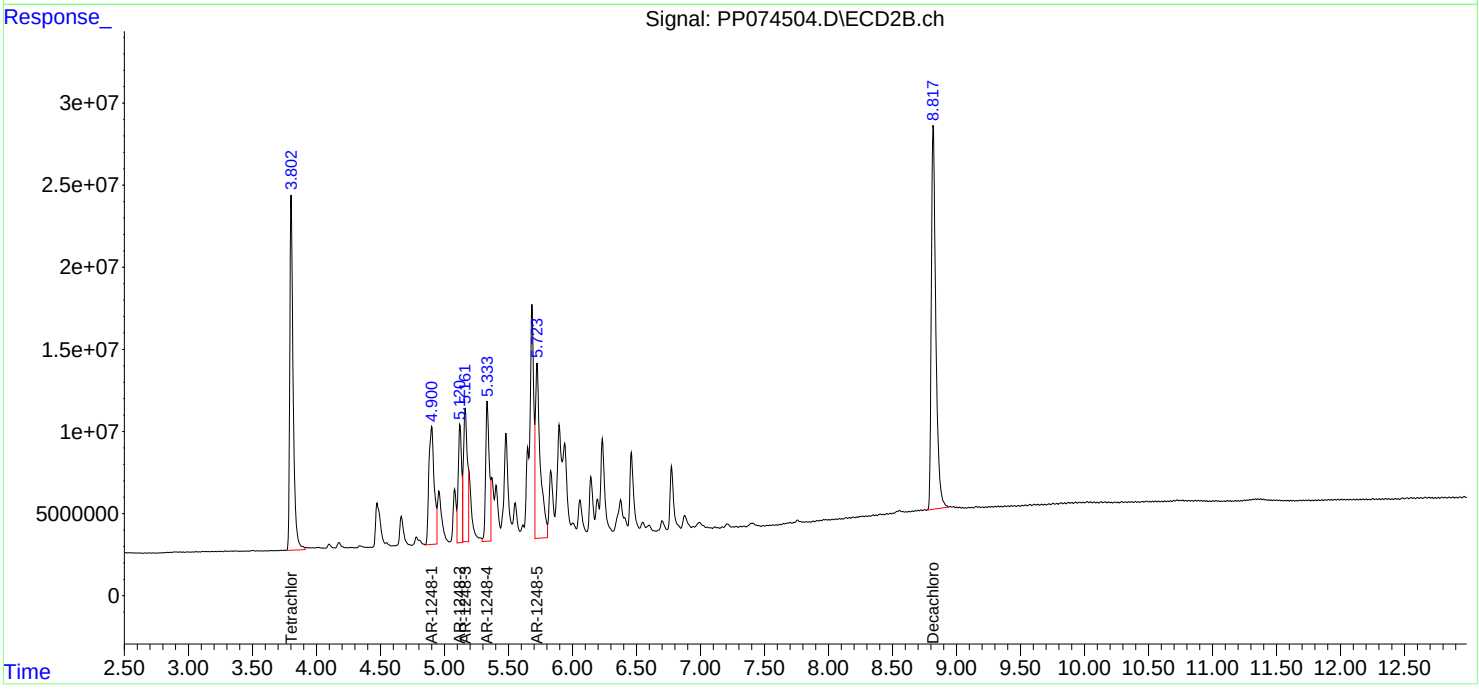
**Manual Integrations APPROVED**

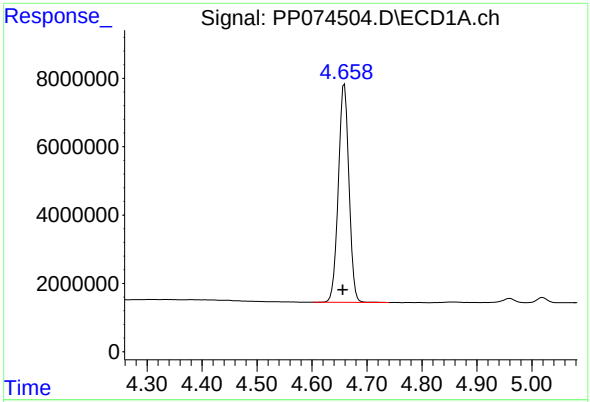
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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





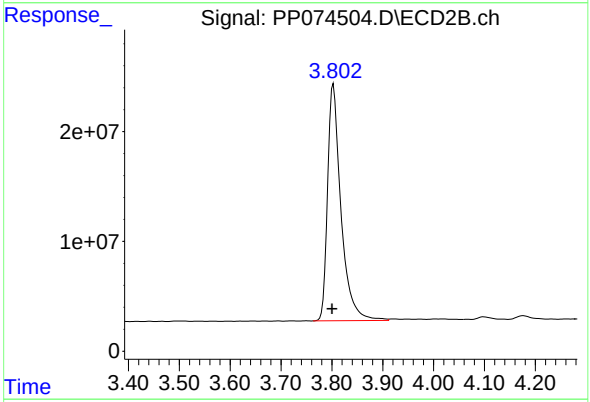

#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.003 min
Response: 86008422
Conc: 71.64 ng/ml

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

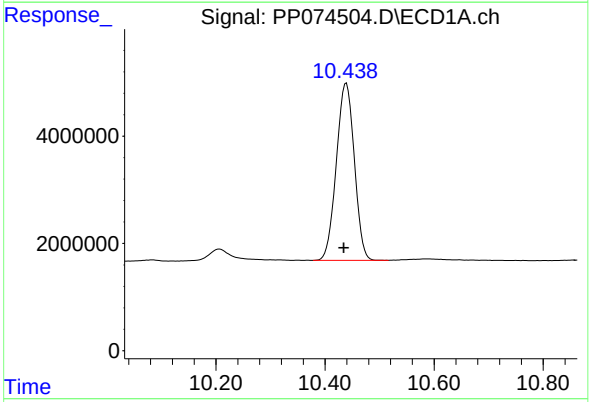
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



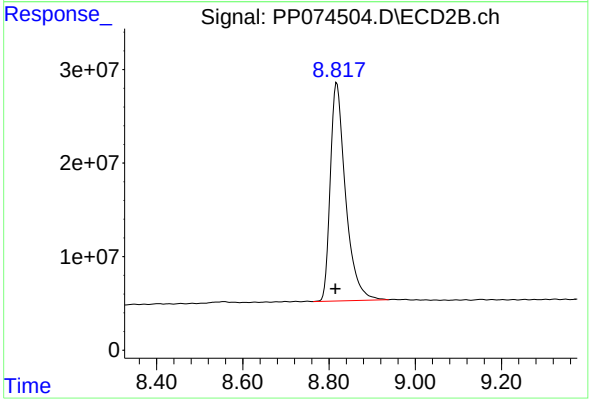

#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.002 min
Response: 395428187
Conc: 80.33 ng/ml



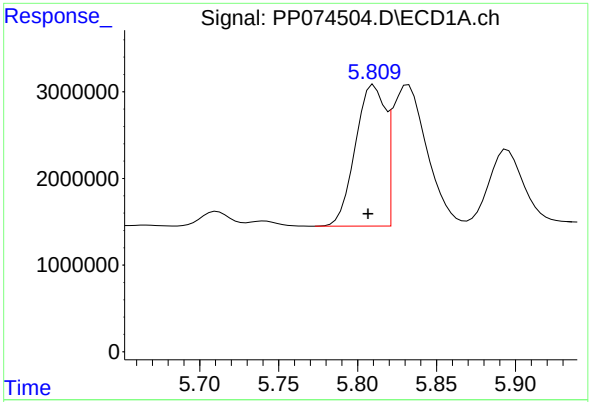

#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.004 min
Response: 75691794
Conc: 70.67 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.818 min
Delta R.T.: 0.003 min
Response: 571751151
Conc: 73.00 ng/ml



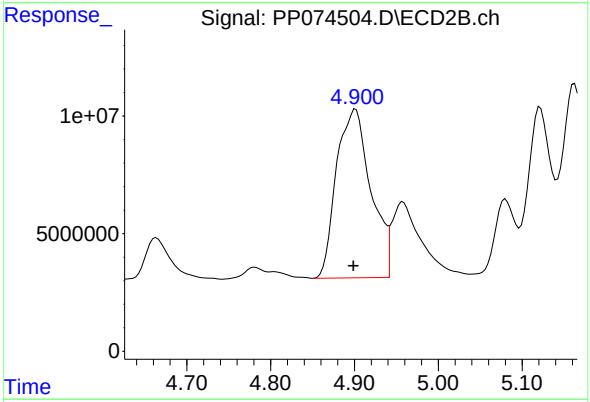

#21 AR-1248-1

R.T.: 5.810 min
Delta R.T.: 0.004 min
Response: 21304287
Conc: 690.67 ng/ml

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

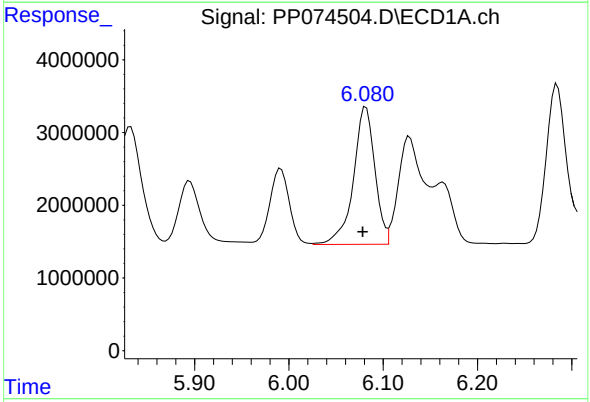
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



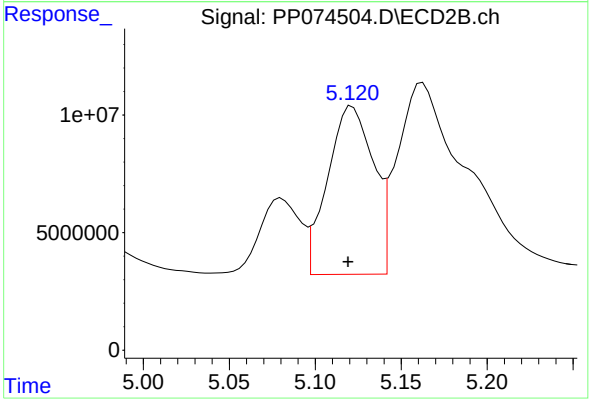

#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: 0.003 min
Response: 204742425
Conc: 696.14 ng/ml



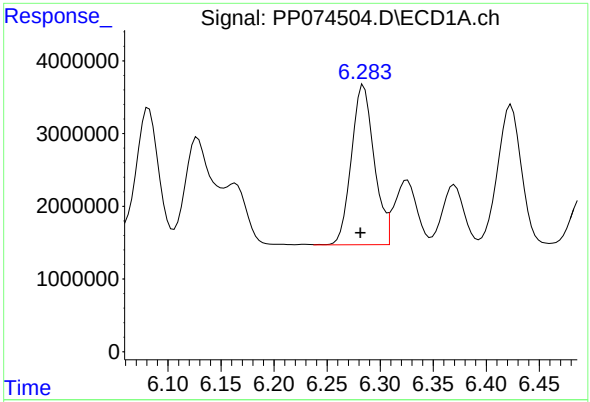

#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 29923107
Conc: 692.48 ng/ml




#22 AR-1248-2

R.T.: 5.122 min
Delta R.T.: 0.003 min
Response: 132733755
Conc: 720.72 ng/ml



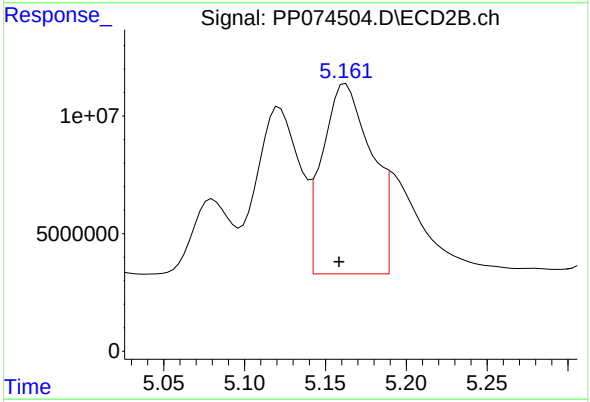

#23 AR-1248-3

R.T.: 6.284 min
Delta R.T.: 0.003 min
Response: 32832116
Conc: 701.28 ng/ml

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

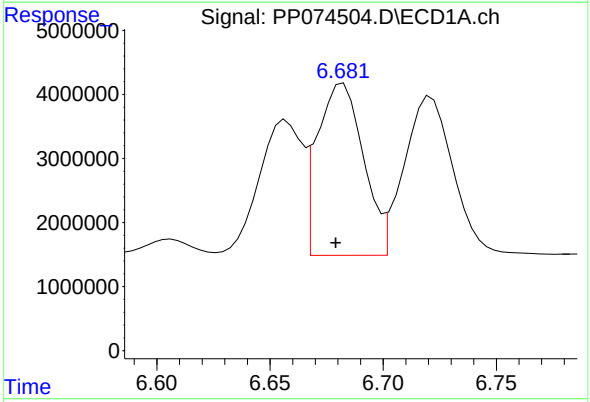
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



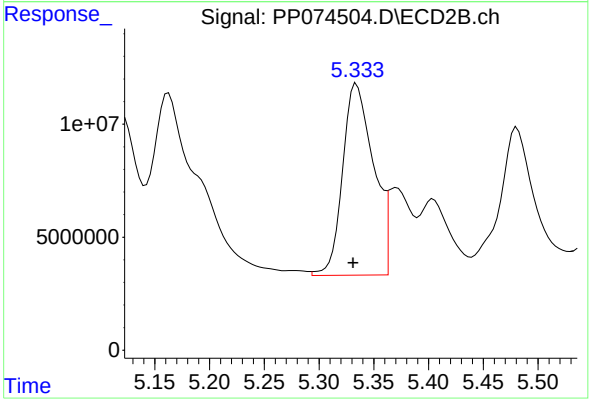

#23 AR-1248-3

R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 177726547
Conc: 780.79 ng/ml m



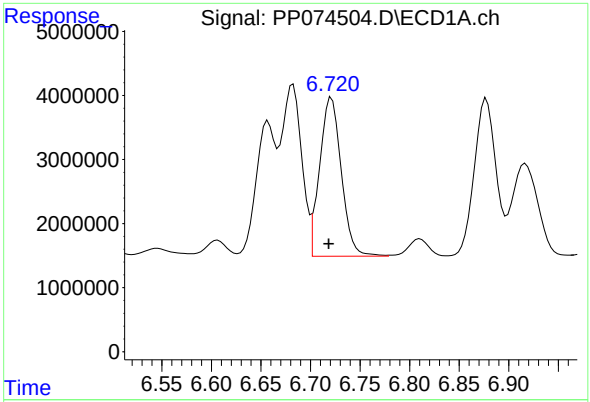

#24 AR-1248-4

R.T.: 6.682 min
Delta R.T.: 0.003 min
Response: 38171735
Conc: 701.45 ng/ml




#24 AR-1248-4

R.T.: 5.334 min
Delta R.T.: 0.003 min
Response: 166624074
Conc: 725.73 ng/ml



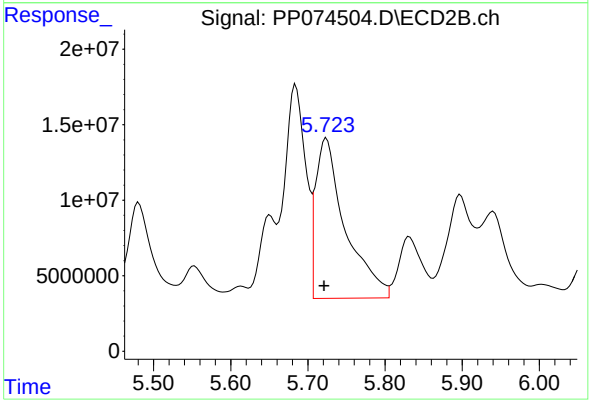

#25 AR-1248-5

R.T.: 6.721 min
Delta R.T.: 0.003 min
Response: 37544119
Conc: 693.99 ng/ml

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#25 AR-1248-5

R.T.: 5.724 min
Delta R.T.: 0.003 min
Response: 283640150
Conc: 733.69 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:49
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.656 | 3.801 | 60028320 | 246.1E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.435 | 8.815 | 53550623 | 391.6E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.807 | 4.899 | 15422936 | 147.1E6 | 500.000 | 500.000 |
| 22) | L5 AR-1248-2 | 6.078 | 5.119 | 21605843 | 92083909 | 500.000 | 500.000 |
| 23) | L5 AR-1248-3 | 6.281 | 5.159 | 23408730 | 113.0E6 | 500.000 | 496.516m |
| 24) | L5 AR-1248-4 | 6.679 | 5.331 | 27209215 | 114.8E6 | 500.000 | 500.000 |
| 25) | L5 AR-1248-5 | 6.718 | 5.721 | 27049432 | 193.3E6 | 500.000 | 500.000 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:49
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

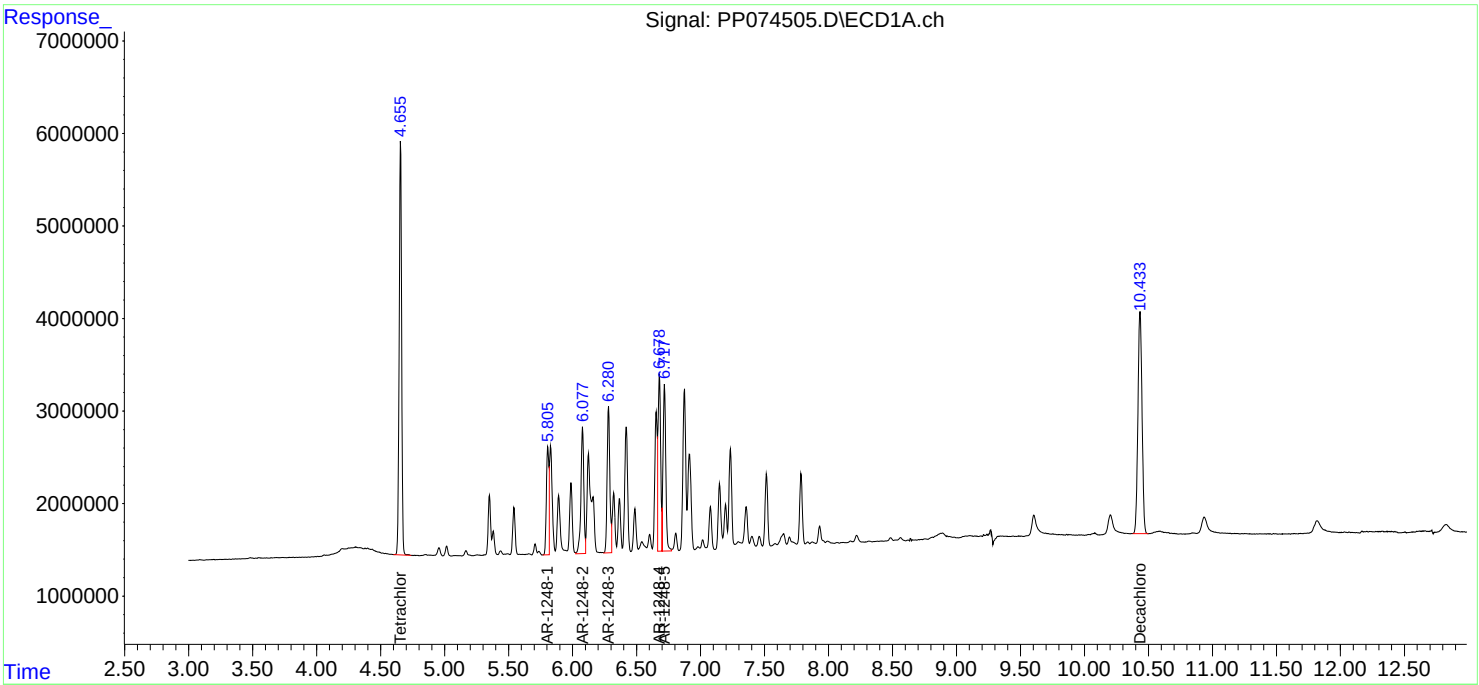
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC500

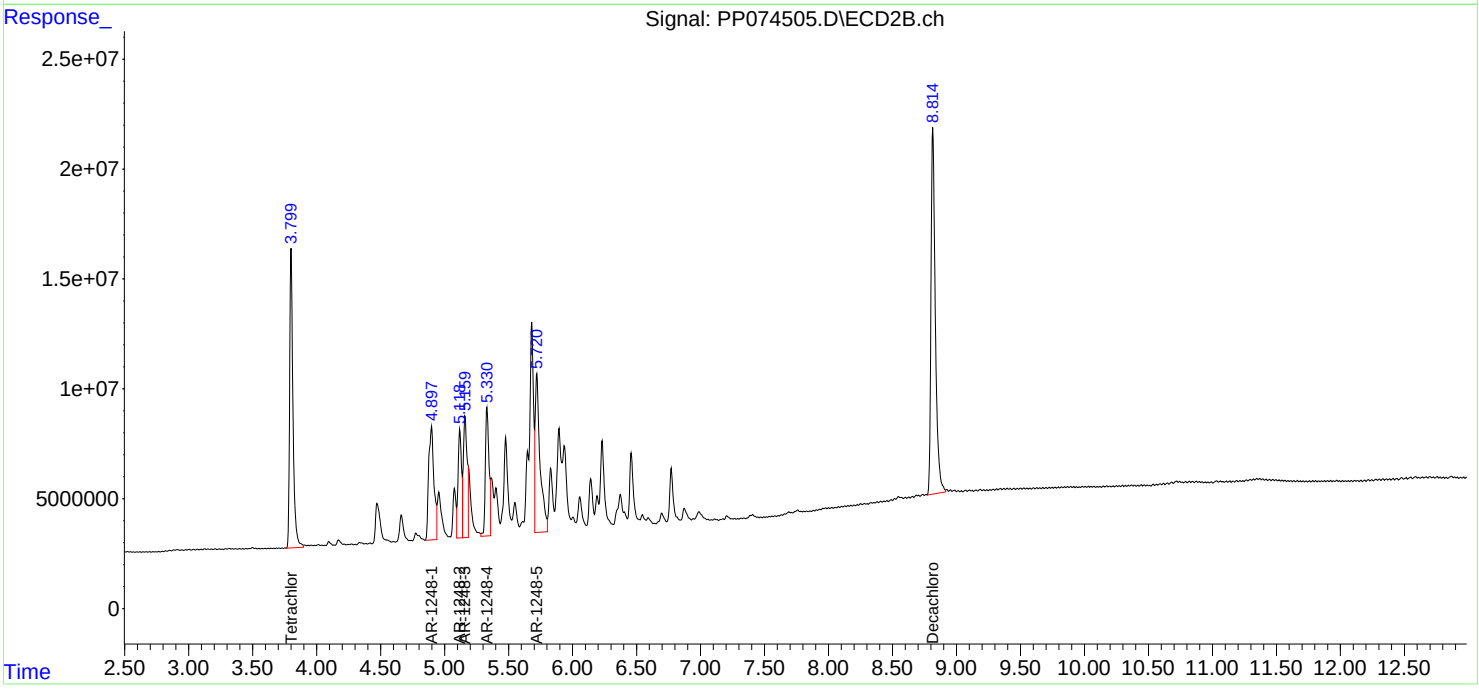
**Manual Integrations APPROVED**

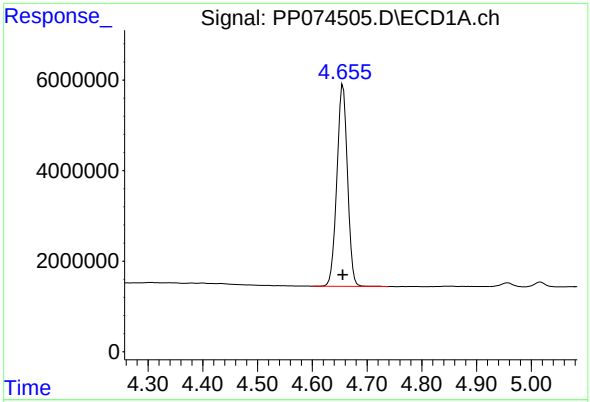
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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





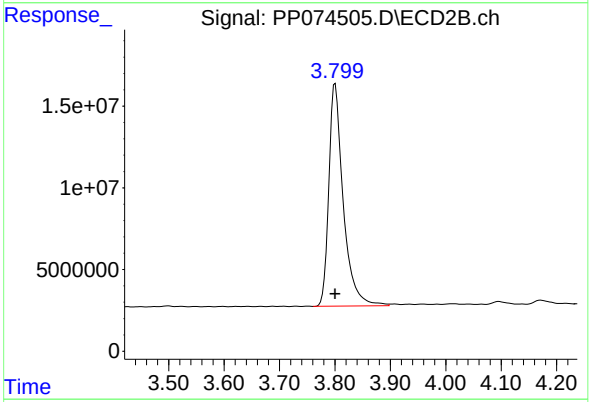

#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 60028320
Conc: 50.00 ng/ml

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

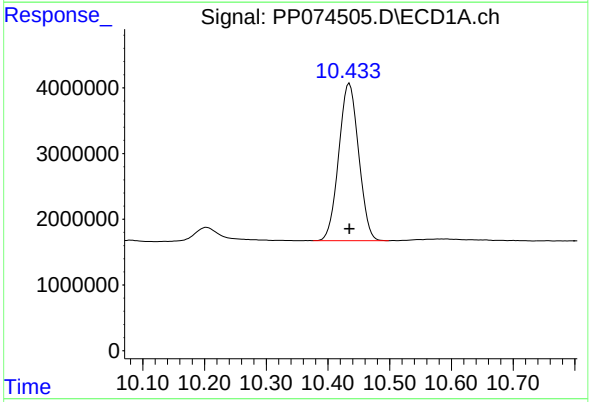
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



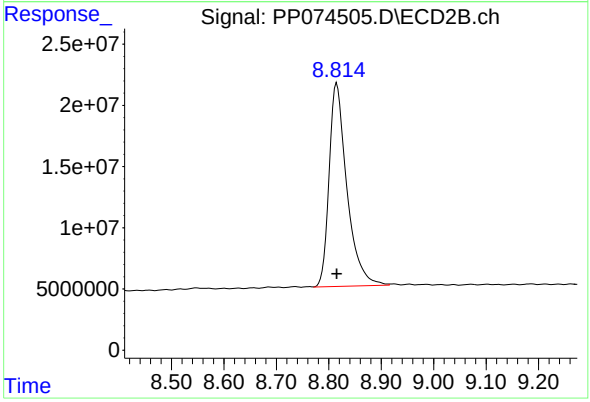

#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 246130771
Conc: 50.00 ng/ml



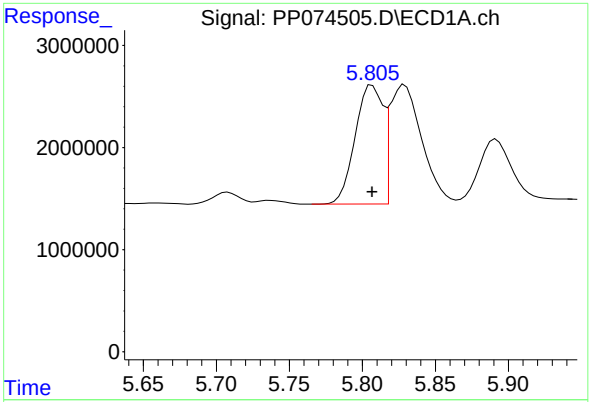

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 53550623
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 391614288
Conc: 50.00 ng/ml



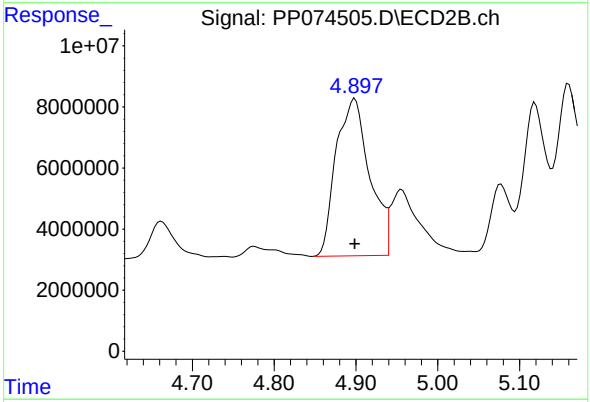

#21 AR-1248-1

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 15422936
Conc: 500.00 ng/ml

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

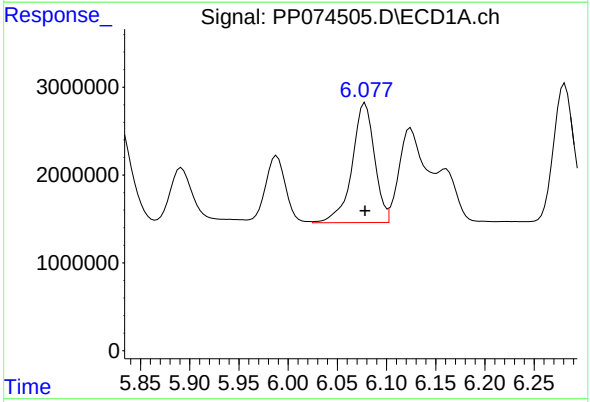
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



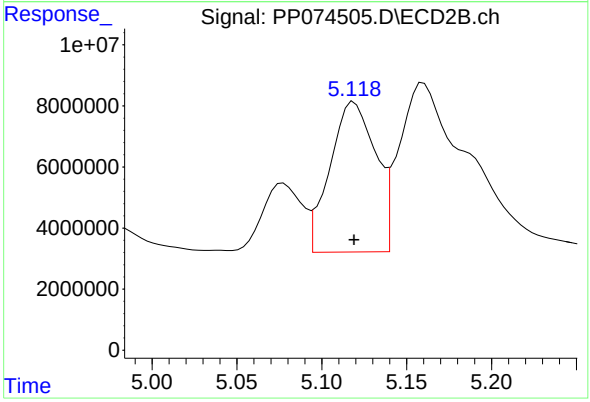

#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 147055095
Conc: 500.00 ng/ml



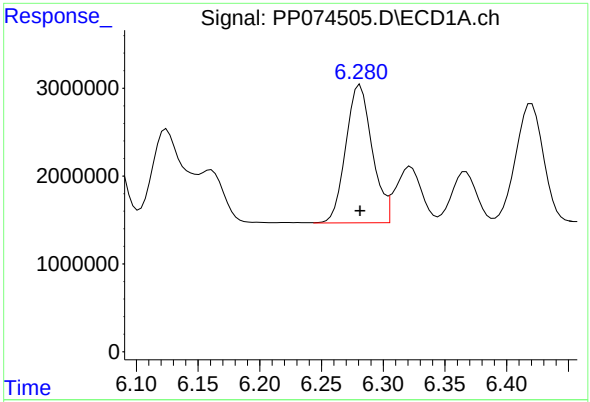

#22 AR-1248-2

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 21605843
Conc: 500.00 ng/ml




#22 AR-1248-2

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 92083909
Conc: 500.00 ng/ml



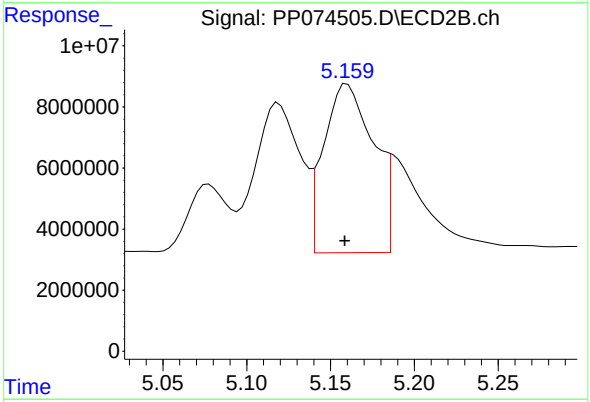

#23 AR-1248-3

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 23408730
Conc: 500.00 ng/ml

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

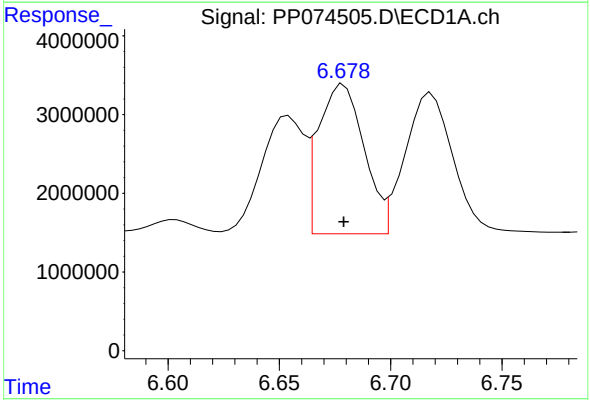
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



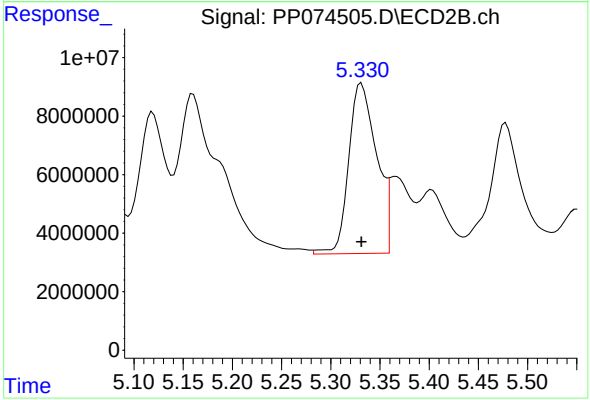

#23 AR-1248-3

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 113018606
Conc: 496.52 ng/ml m



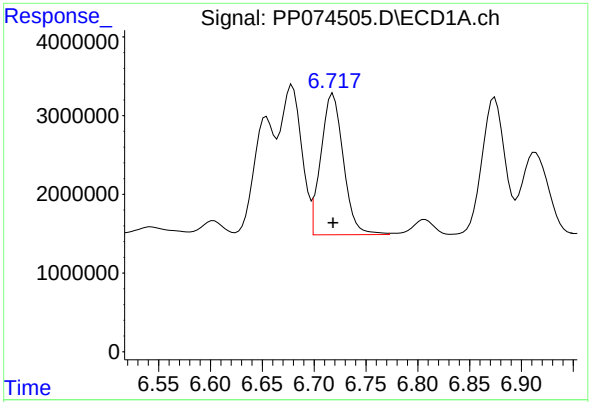

#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 27209215
Conc: 500.00 ng/ml




#24 AR-1248-4

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 114798132
Conc: 500.00 ng/ml



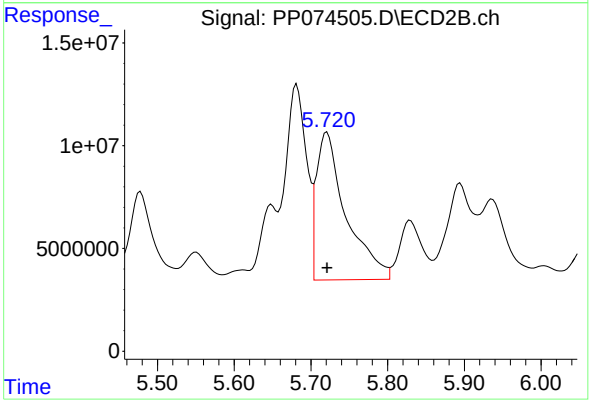

#25 AR-1248-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 27049432
Conc: 500.00 ng/ml

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#25 AR-1248-5

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 193298180
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:05
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.657 | 3.800 | 31924312 | 118.9E6 | 26.591 | 24.146 |
| 2) | SA Decachlor... | 10.436 | 8.815 | 29199630 | 195.8E6 | 27.264 | 24.994 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.808 | 4.899 | 8518595 | 71878916 | 276.166 | 244.395 |
| 22) | L5 AR-1248-2 | 6.080 | 5.119 | 12195931 | 47171019 | 282.237 | 256.131 |
| 23) | L5 AR-1248-3 | 6.282 | 5.159 | 12988856 | 58195671 | 277.436 | 255.666m |
| 24) | L5 AR-1248-4 | 6.680 | 5.333 | 15166776 | 55484288 | 278.707 | 241.660 |
| 25) | L5 AR-1248-5 | 6.719 | 5.722 | 15479077 | 98298762 | 286.126 | 254.267 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:05
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

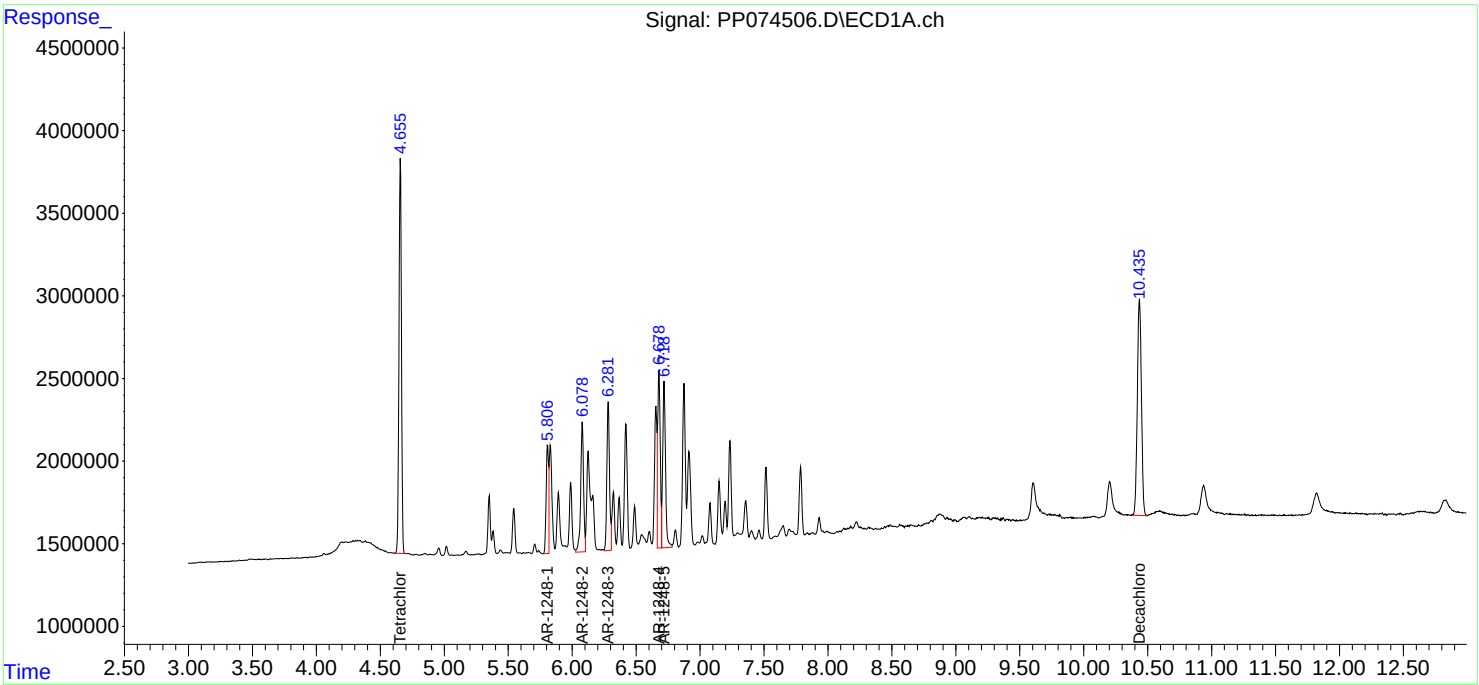
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC250

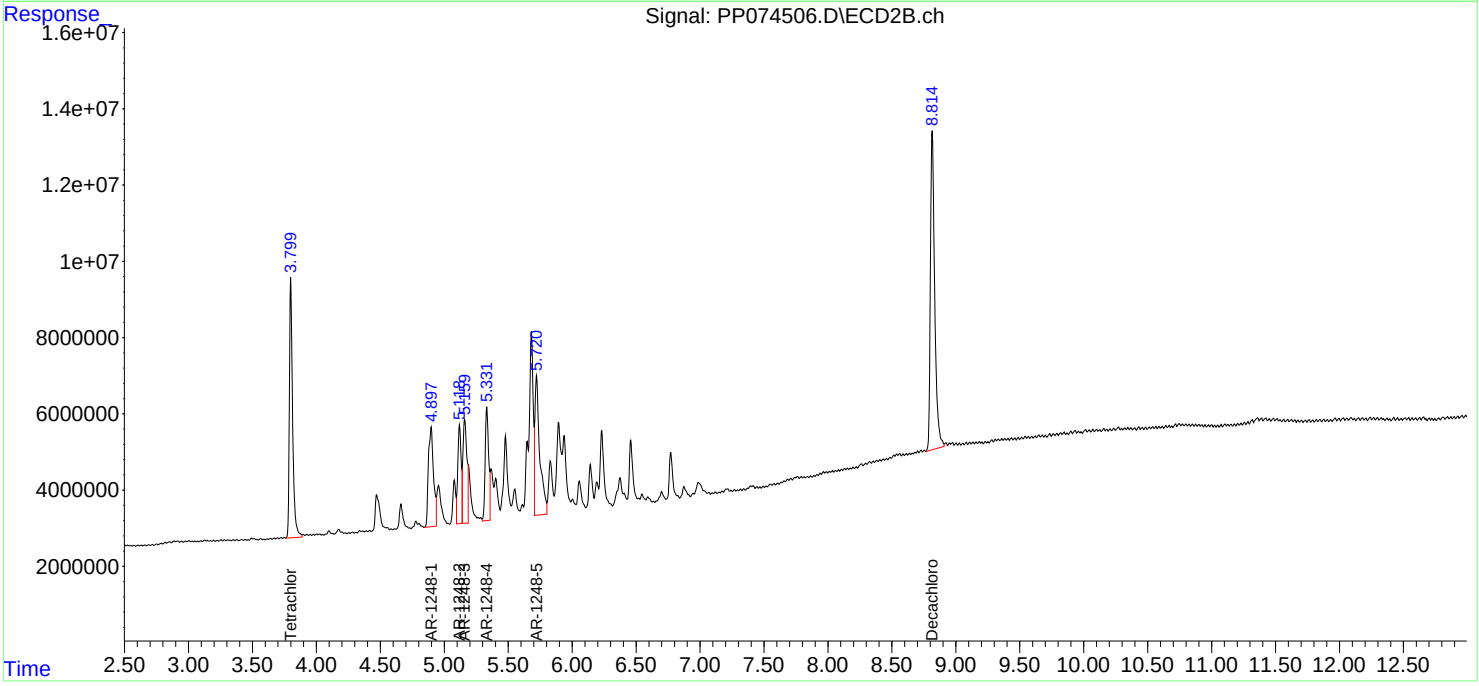
**Manual Integrations APPROVED**

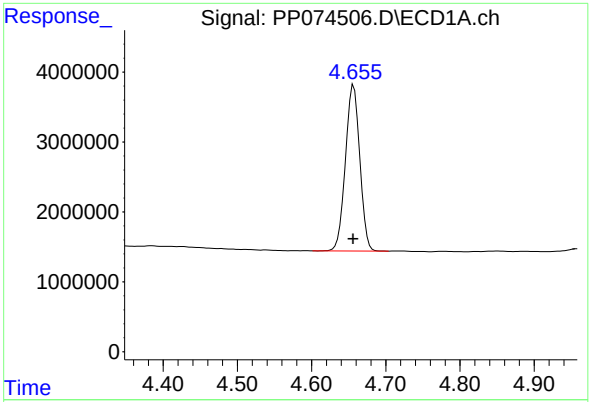
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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





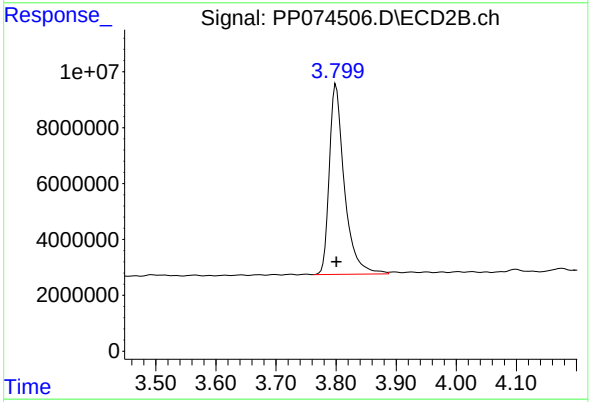

#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 31924312
Conc: 26.59 ng/ml

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

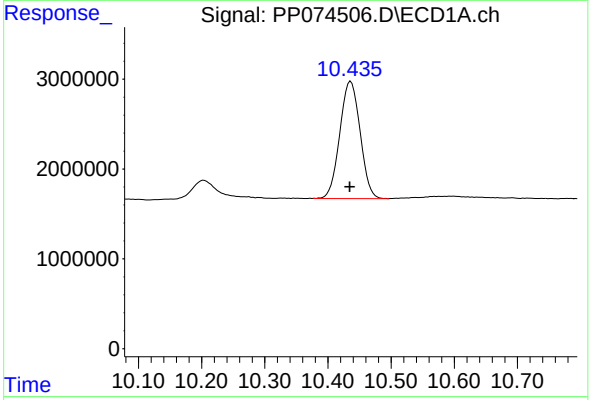
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



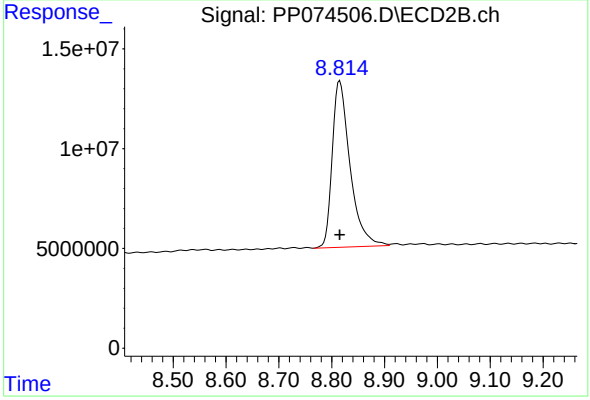

#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 118859923
Conc: 24.15 ng/ml



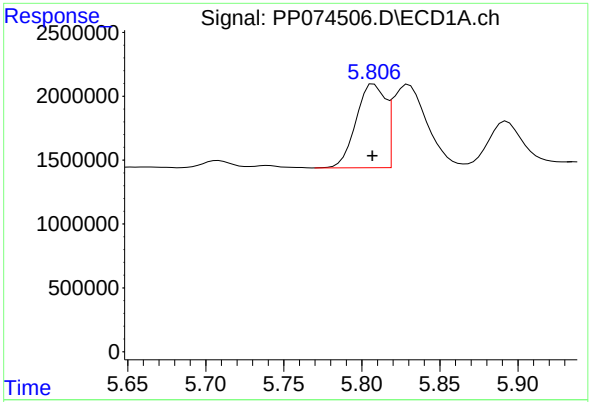

#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.001 min
Response: 29199630
Conc: 27.26 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 195760353
Conc: 24.99 ng/ml



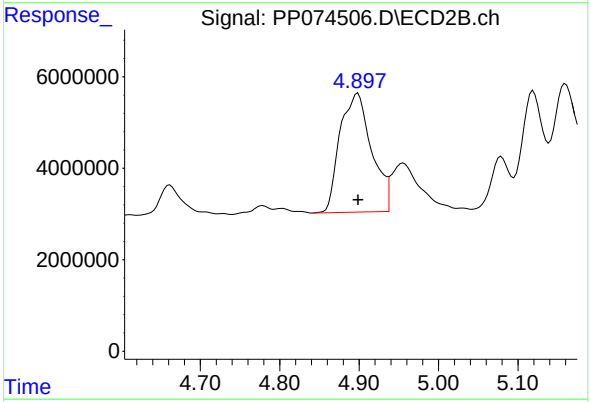

#21 AR-1248-1

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 8518595
Conc: 276.17 ng/ml

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

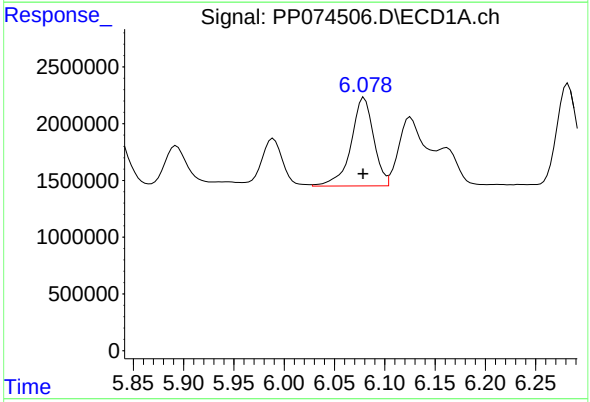
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



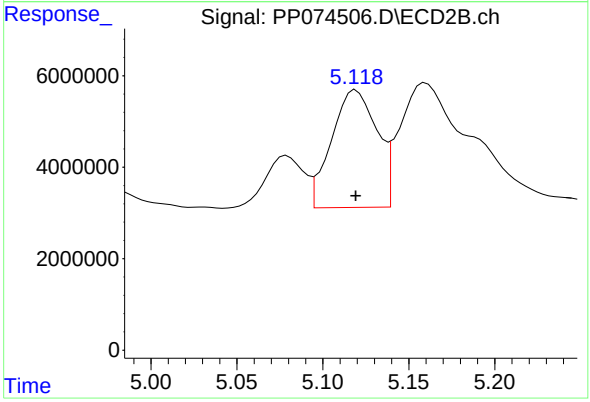

#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 71878916
Conc: 244.39 ng/ml



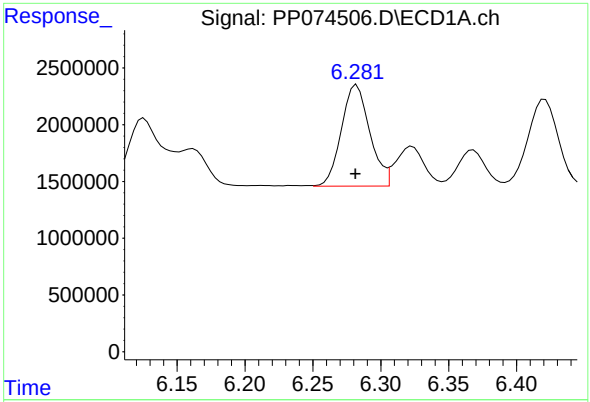

#22 AR-1248-2

R.T.: 6.080 min
Delta R.T.: 0.001 min
Response: 12195931
Conc: 282.24 ng/ml




#22 AR-1248-2

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 47171019
Conc: 256.13 ng/ml



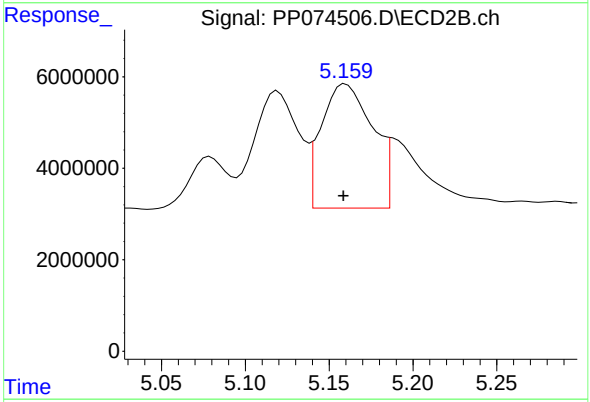

#23 AR-1248-3

R.T.: 6.282 min
Delta R.T.: 0.001 min
Response: 12988856
Conc: 277.44 ng/ml

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

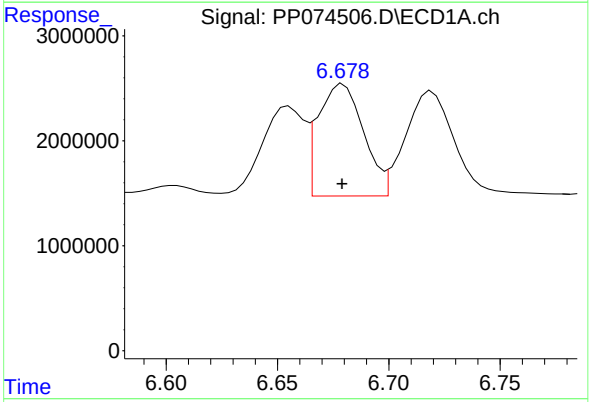
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



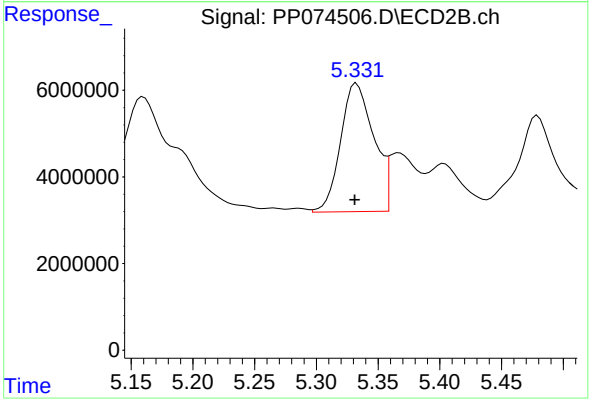

#23 AR-1248-3

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 58195671
Conc: 255.67 ng/ml m



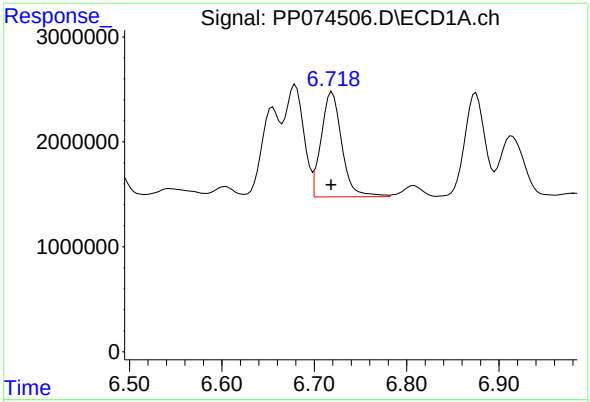

#24 AR-1248-4

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 15166776
Conc: 278.71 ng/ml




#24 AR-1248-4

R.T.: 5.333 min
Delta R.T.: 0.001 min
Response: 55484288
Conc: 241.66 ng/ml



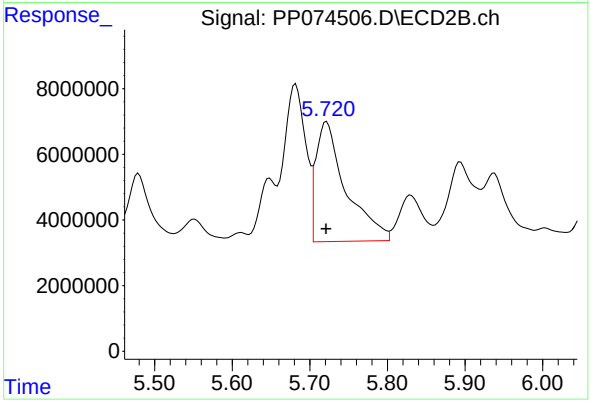

#25 AR-1248-5

R.T.: 6.719 min
Delta R.T.: 0.001 min
Response: 15479077
Conc: 286.13 ng/ml

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#25 AR-1248-5

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 98298762
Conc: 254.27 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:21
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.655 | 3.799 | 6057310 | 15338885 | 5.045 | 3.116 # |
| 2) | SA Decachlor... | 10.435 | 8.816 | 5286868 | 30885168 | 4.936 | 3.943 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.807 | 4.899 | 1548436 | 12465555 | 50.199 | 42.384 |
| 22) | L5 AR-1248-2 | 6.076 | 5.120 | 2299309 | 8175959 | 53.210m | 44.394 |
| 23) | L5 AR-1248-3 | 6.281 | 5.159 | 2475589 | 11167270 | 52.877 | 49.060 |
| 24) | L5 AR-1248-4 | 6.678 | 5.331 | 3072323 | 10019619 | 56.457 | 43.640 |
| 25) | L5 AR-1248-5 | 6.716 | 5.720 | 3213520 | 15636577 | 59.401m | 40.447m# |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:21
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

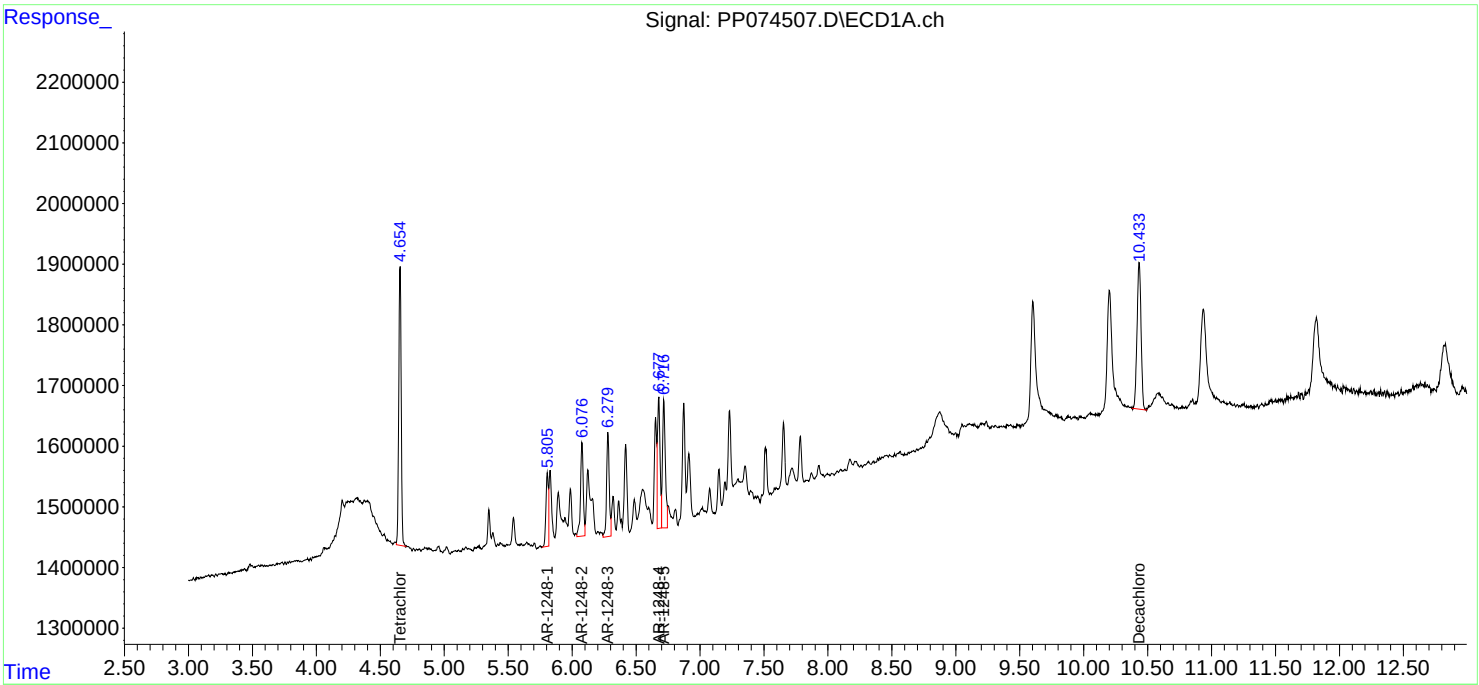
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC050

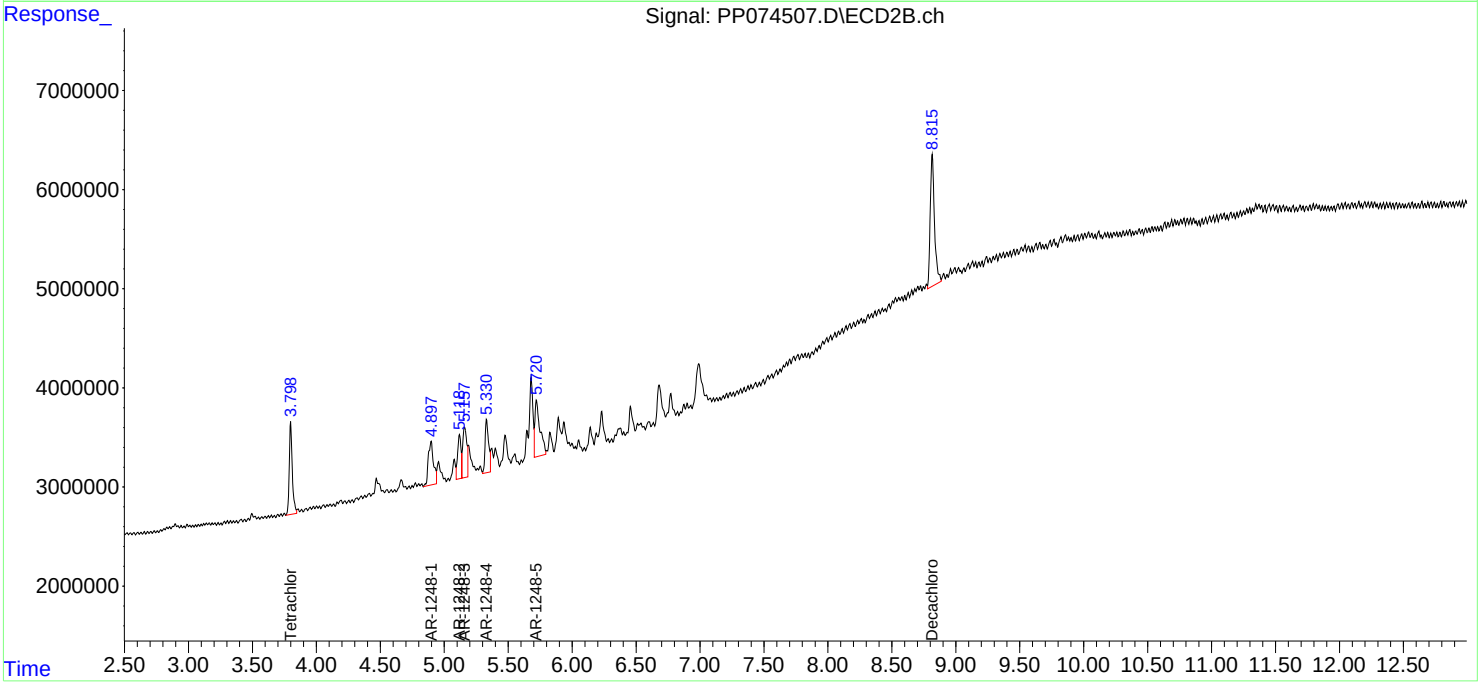
**Manual Integrations APPROVED**

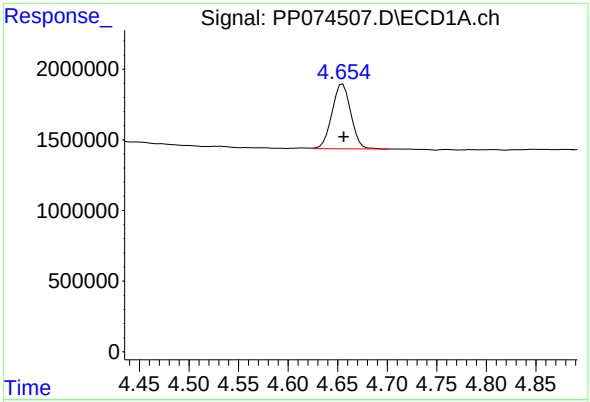
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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





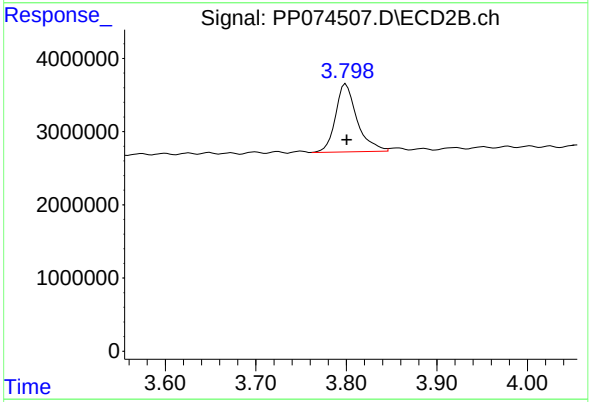

#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 6057310
Conc: 5.05 ng/ml

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

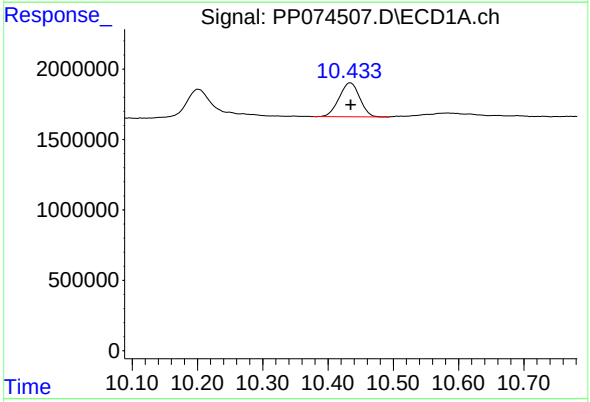
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



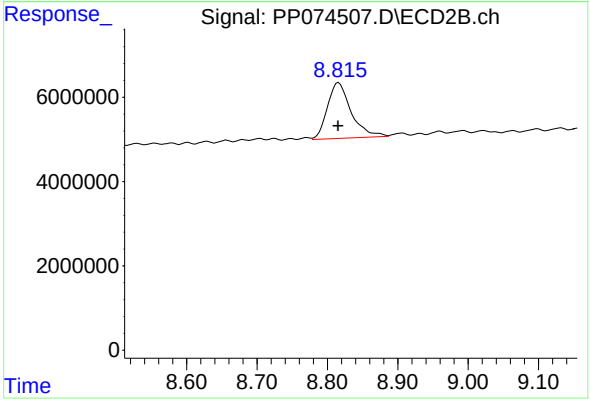

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 15338885
Conc: 3.12 ng/ml



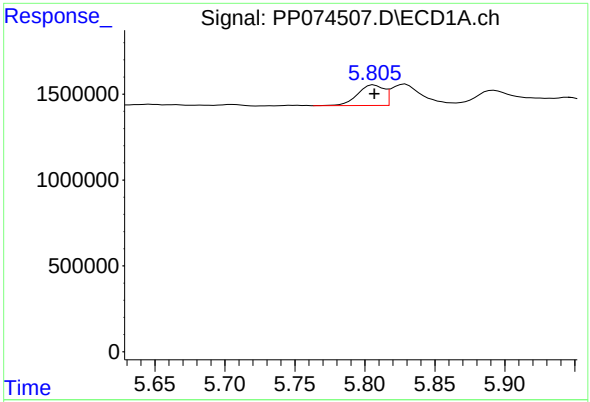

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 5286868
Conc: 4.94 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.816 min
Delta R.T.: 0.000 min
Response: 30885168
Conc: 3.94 ng/ml



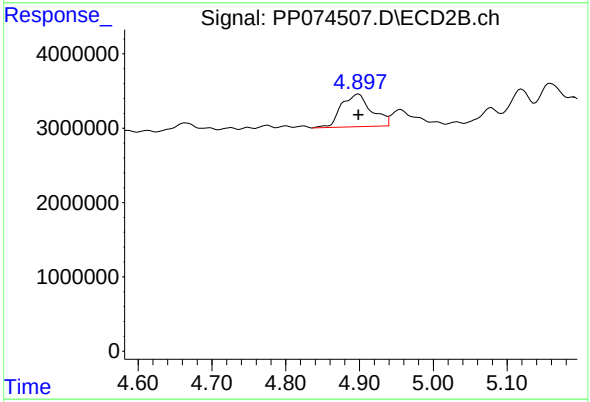

#21 AR-1248-1

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 1548436
Conc: 50.20 ng/ml

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

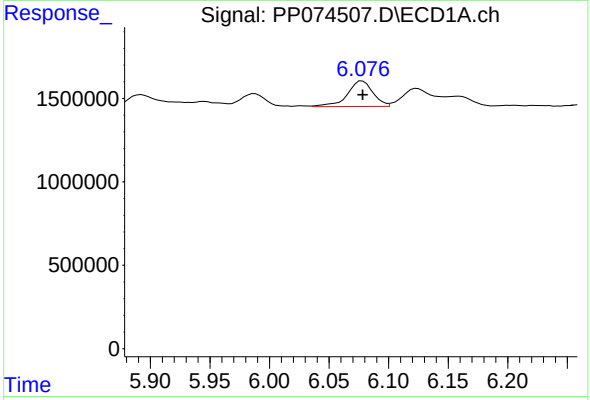
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



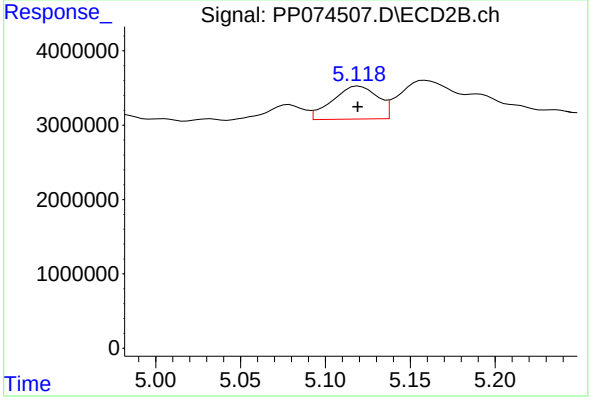

#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 12465555
Conc: 42.38 ng/ml



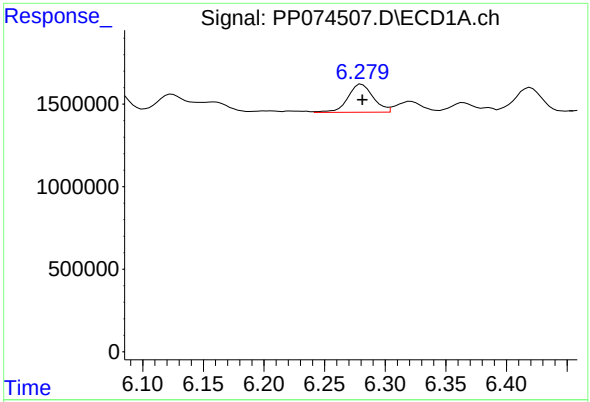

#22 AR-1248-2

R.T.: 6.076 min
Delta R.T.: -0.002 min
Response: 2299309
Conc: 53.21 ng/ml m




#22 AR-1248-2

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 8175959
Conc: 44.39 ng/ml



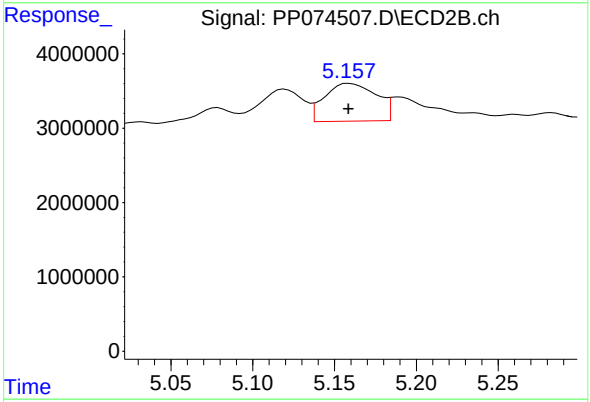

#23 AR-1248-3

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 2475589
Conc: 52.88 ng/ml

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

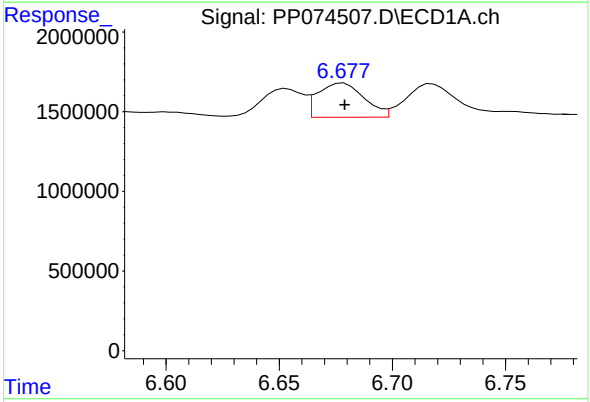
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



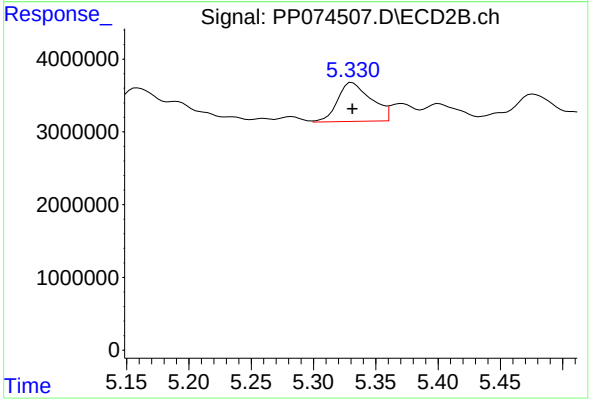

#23 AR-1248-3

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 11167270
Conc: 49.06 ng/ml



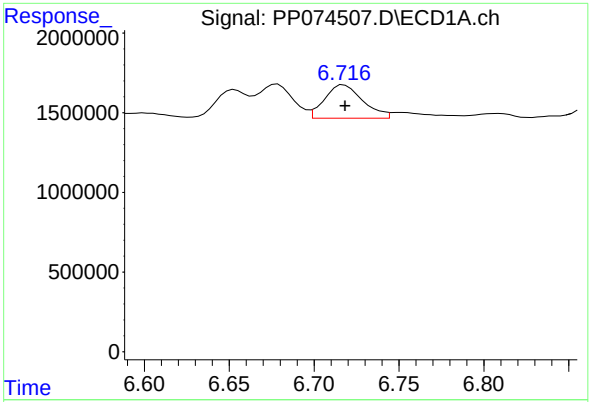

#24 AR-1248-4

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 3072323
Conc: 56.46 ng/ml




#24 AR-1248-4

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 10019619
Conc: 43.64 ng/ml



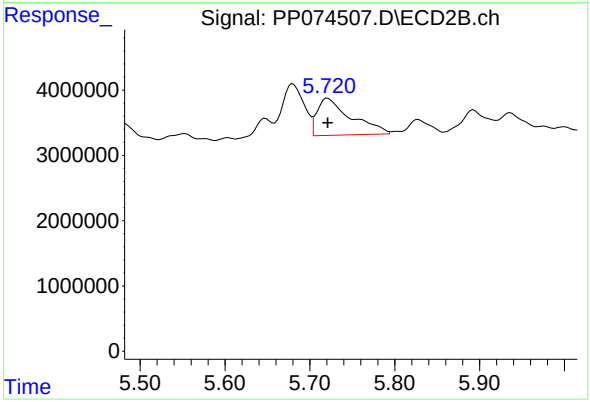

#25 AR-1248-5

R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 3213520
Conc: 59.40 ng/ml

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#25 AR-1248-5

R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 15636577
Conc: 40.45 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:37
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:32:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.659 | 3.803 | 107.5E6 | 508.3E6 | 90.613 | 102.092 |
| 2) | SA Decachlor... | 10.437 | 8.817 | 95581017 | 757.0E6 | 91.315 | 99.926 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.658 | 5.685 | 48507797 | 450.8E6 | 823.624m | 912.704 |
| 27) | L6 AR-1254-2 | 6.875 | 5.832 | 68997007 | 327.6E6 | 867.960 | 937.272 |
| 28) | L6 AR-1254-3 | 7.237 | 6.235 | 75433146 | 632.2E6 | 882.576 | 952.736 |
| 29) | L6 AR-1254-4 | 7.518 | 6.462 | 56817907 | 465.7E6 | 882.596 | 941.555 |
| 30) | L6 AR-1254-5 | 7.935 | 6.877 | 71518563 | 494.0E6 | 880.319 | 989.665m |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:37
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

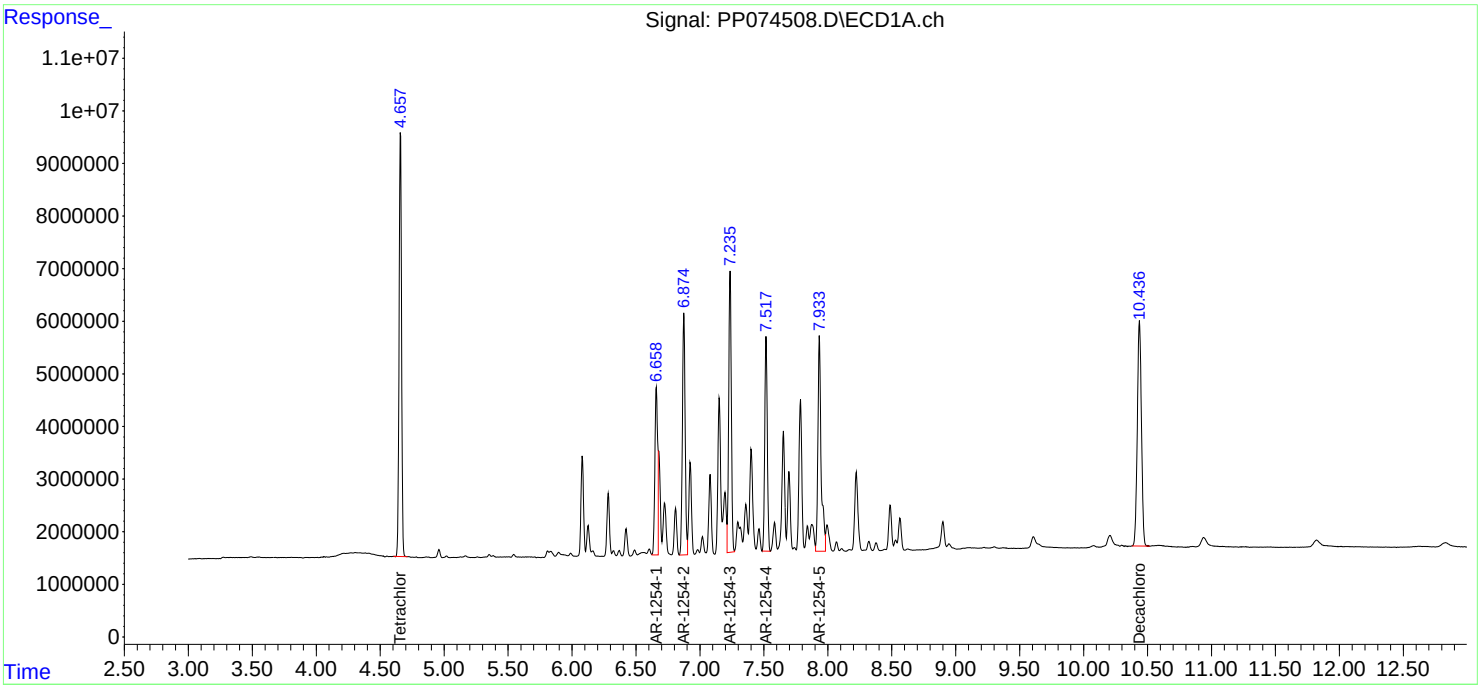
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC1000

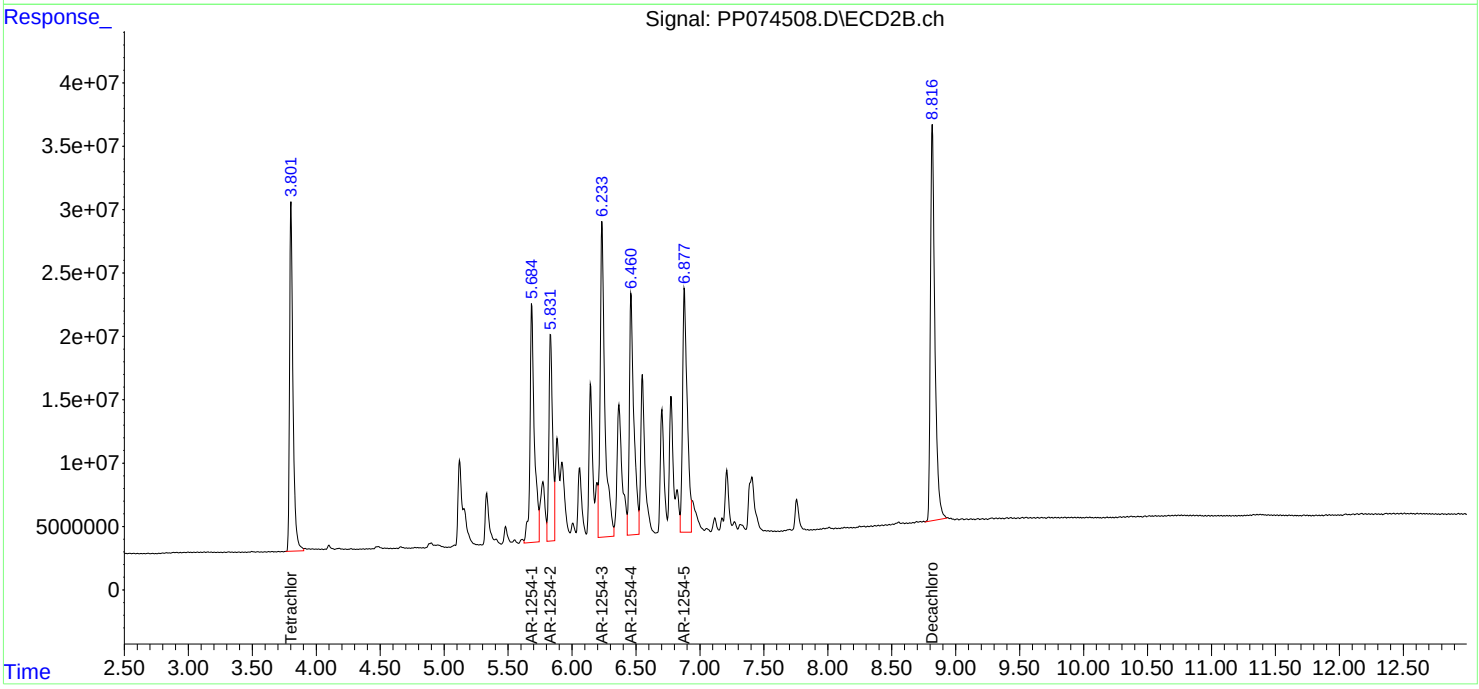
**Manual Integrations APPROVED**

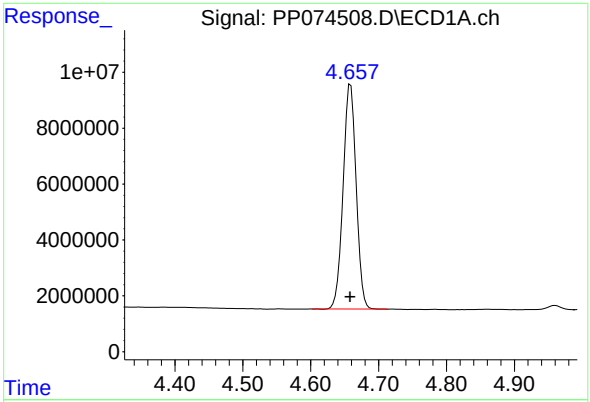
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:32:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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





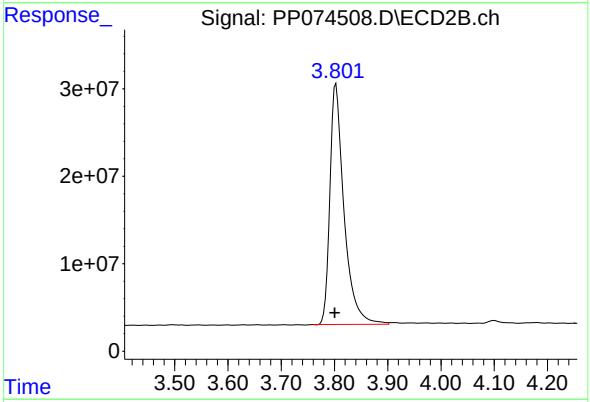

#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 107489552
Conc: 90.61 ng/ml

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

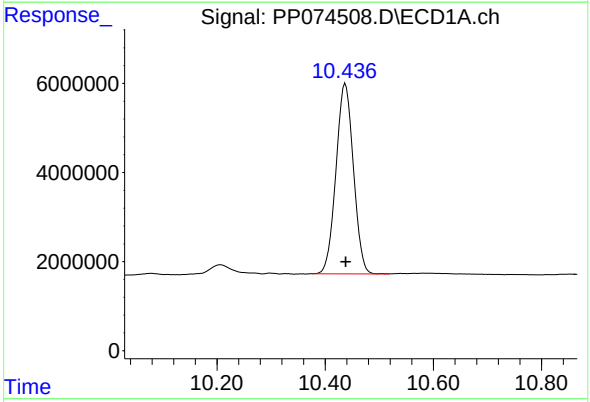
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



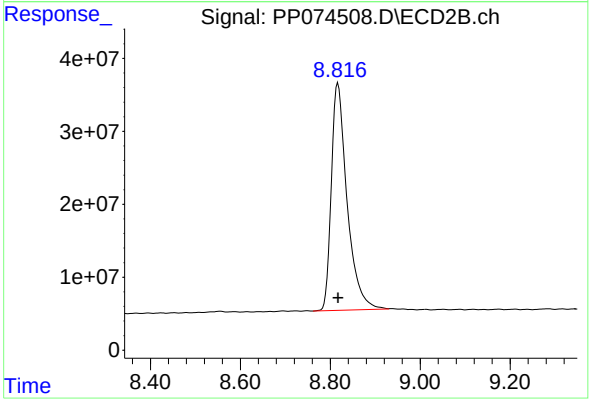

#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.002 min
Response: 508319801
Conc: 102.09 ng/ml



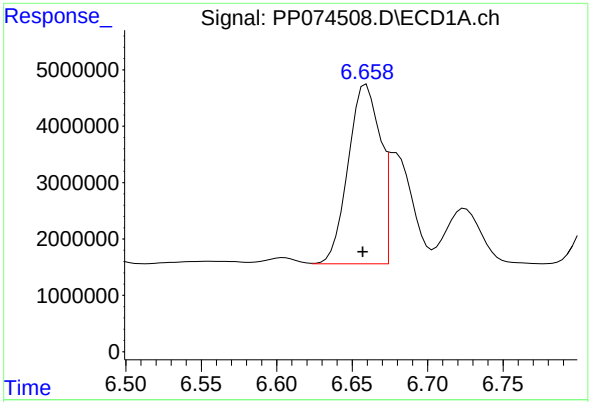

#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 95581017
Conc: 91.32 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 757029286
Conc: 99.93 ng/ml



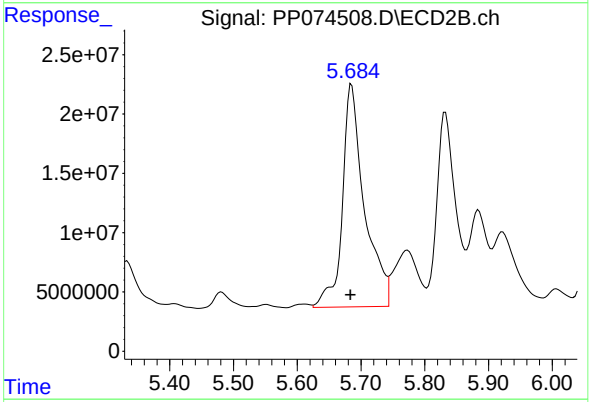

#26 AR-1254-1

R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 48507797
Conc: 823.62 ng/ml

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

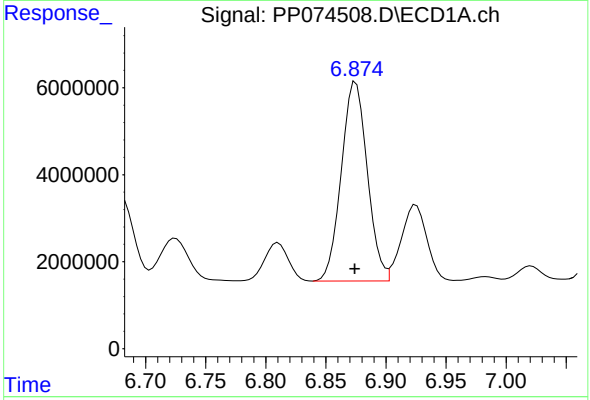
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



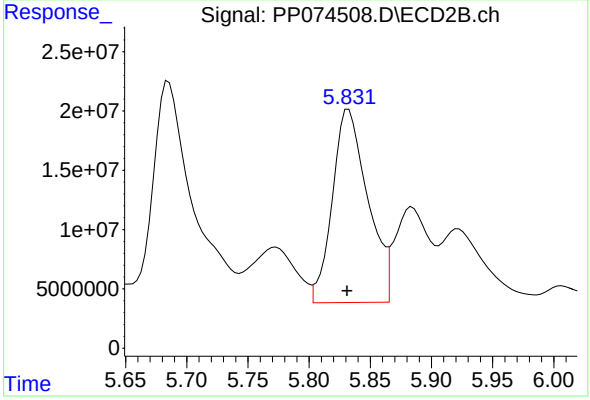

#26 AR-1254-1

R.T.: 5.685 min
Delta R.T.: 0.001 min
Response: 450774429
Conc: 912.70 ng/ml



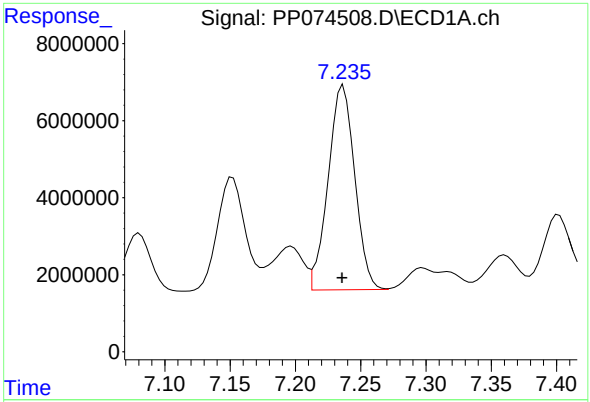

#27 AR-1254-2

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 68997007
Conc: 867.96 ng/ml




#27 AR-1254-2

R.T.: 5.832 min
Delta R.T.: 0.001 min
Response: 327603431
Conc: 937.27 ng/ml



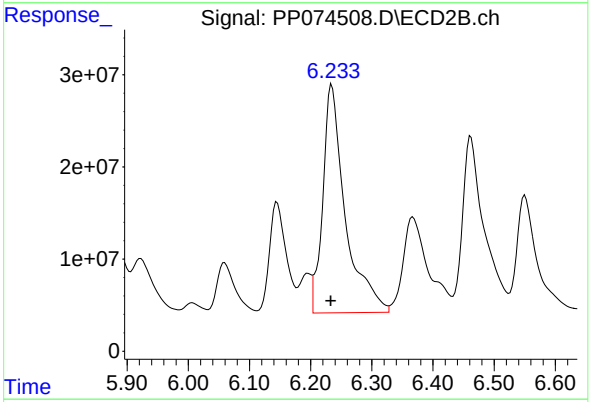

#28 AR-1254-3

R.T.: 7.237 min
Delta R.T.: 0.001 min
Response: 75433146
Conc: 882.58 ng/ml

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

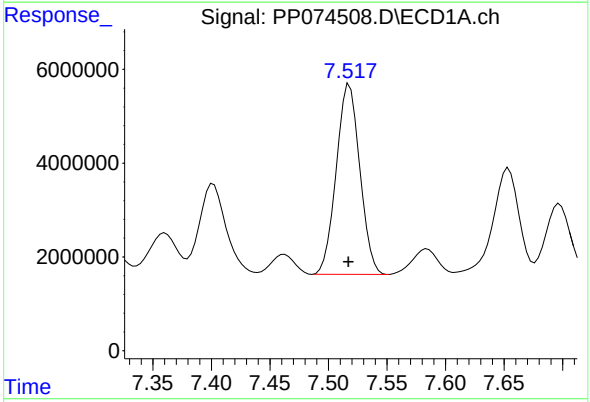
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



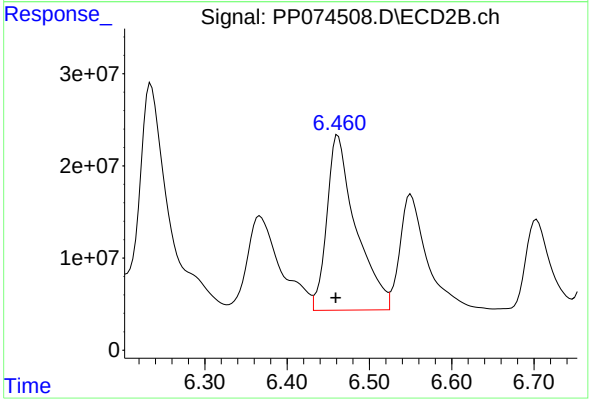

#28 AR-1254-3

R.T.: 6.235 min
Delta R.T.: 0.001 min
Response: 632195702
Conc: 952.74 ng/ml



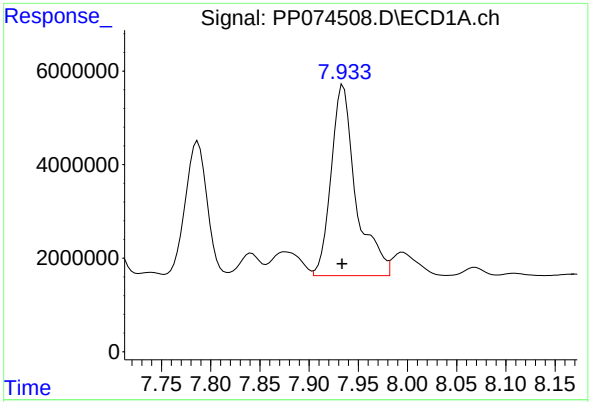

#29 AR-1254-4

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 56817907
Conc: 882.60 ng/ml




#29 AR-1254-4

R.T.: 6.462 min
Delta R.T.: 0.003 min
Response: 465715221
Conc: 941.55 ng/ml



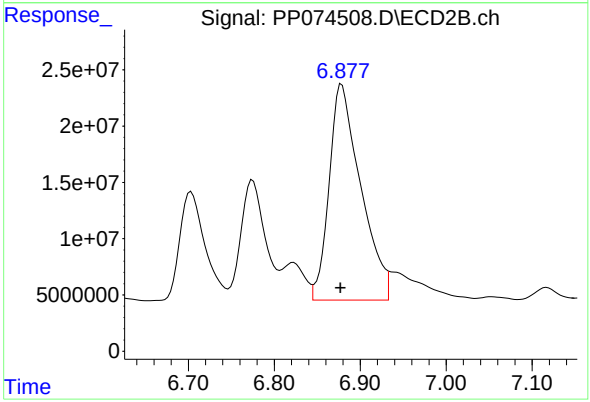

#30 AR-1254-5

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 71518563
Conc: 880.32 ng/ml

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#30 AR-1254-5

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 494049062
Conc: 989.66 ng/ml m

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:53
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.657 | 3.801 | 84355338 | 368.0E6 | 71.111 | 73.905 |
| 2) | SA Decachlor... | 10.435 | 8.816 | 73886975 | 571.7E6 | 70.589 | 75.465 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.655 | 5.683 | 40199220 | 345.4E6 | 682.551m | 699.283 |
| 27) | L6 AR-1254-2 | 6.873 | 5.830 | 55301971 | 262.7E6 | 695.681 | 751.609 |
| 28) | L6 AR-1254-3 | 7.235 | 6.232 | 60201798 | 489.0E6 | 704.368 | 736.926 |
| 29) | L6 AR-1254-4 | 7.516 | 6.459 | 45192418 | 356.9E6 | 702.008 | 721.543 |
| 30) | L6 AR-1254-5 | 7.932 | 6.874 | 57258258 | 388.6E6 | 704.789 | 778.375m |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:53
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

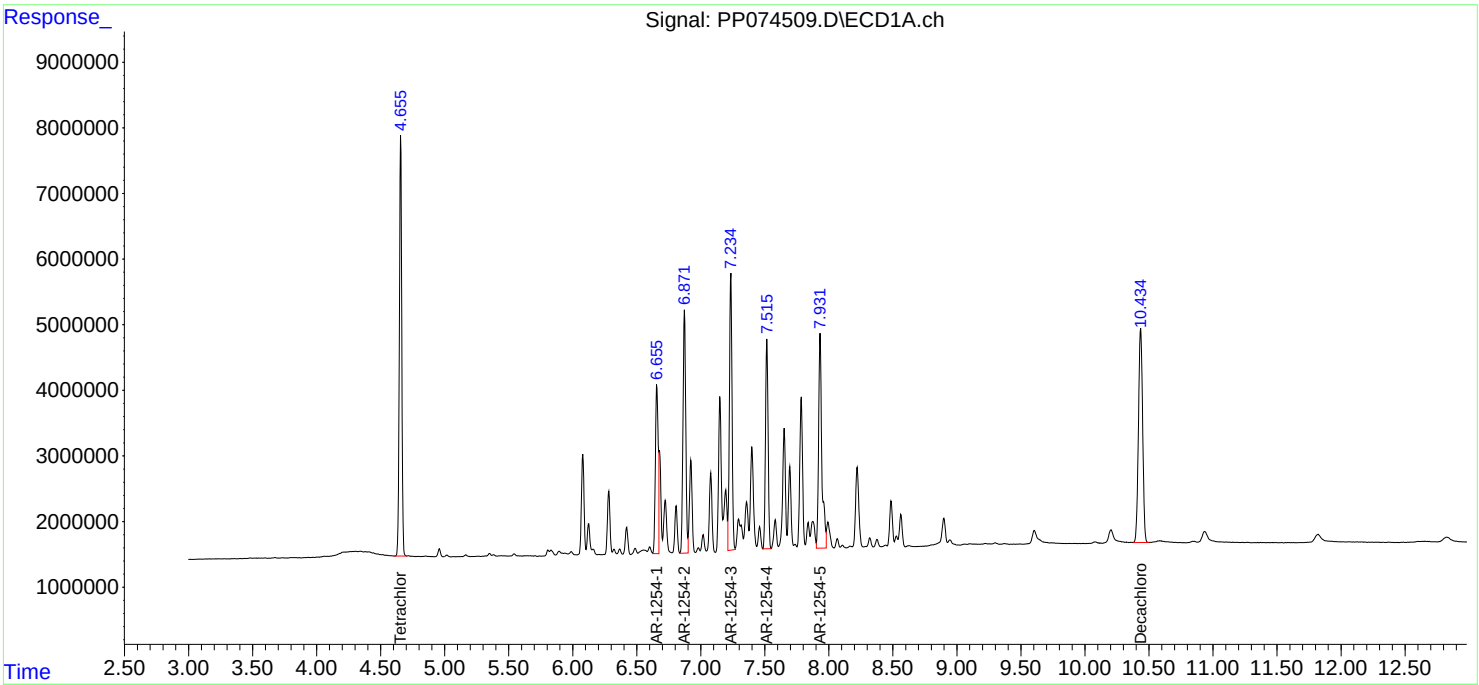
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

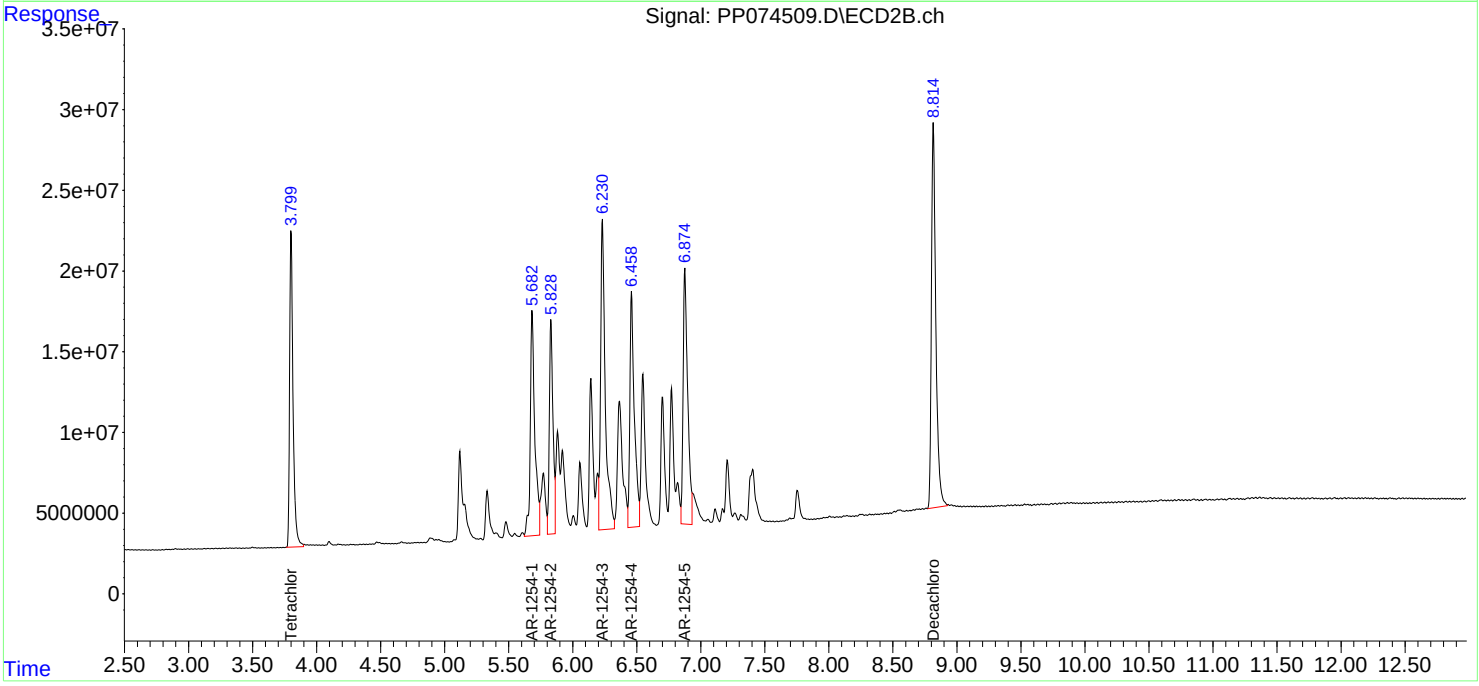
**Manual Integrations APPROVED**

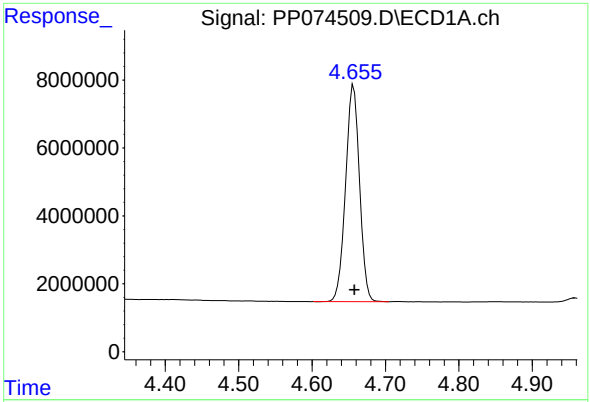
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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





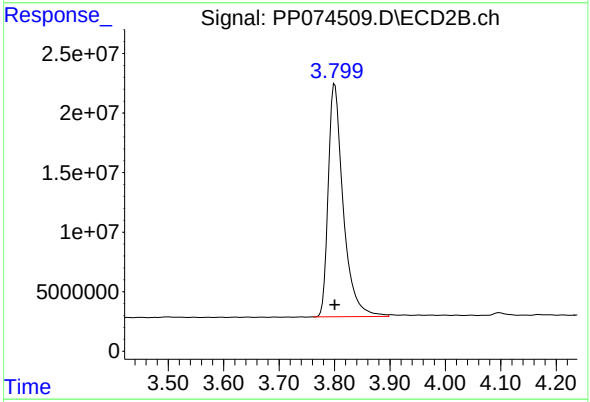

#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: -0.001 min
Response: 84355338
Conc: 71.11 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

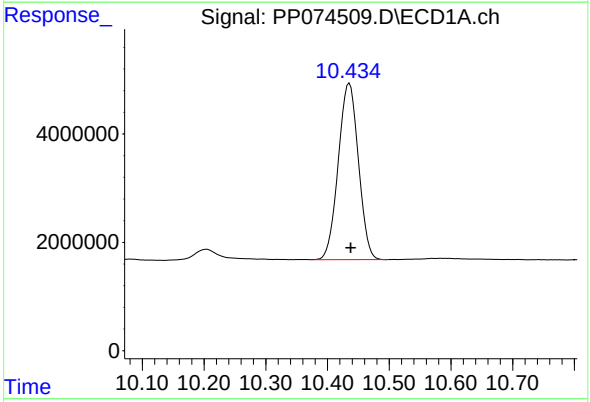
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



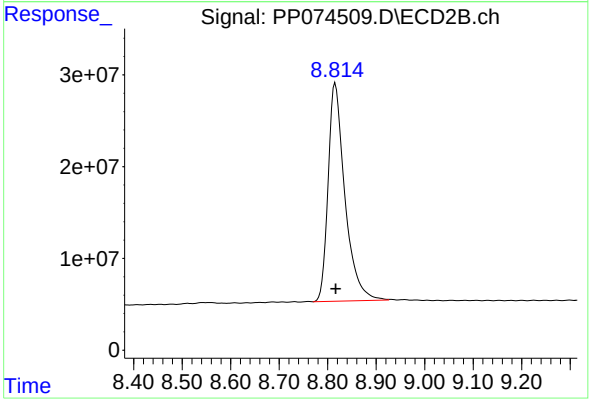

#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 367974801
Conc: 73.90 ng/ml



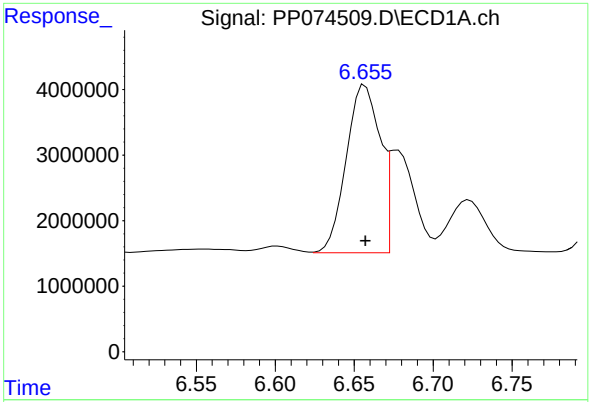

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 73886975
Conc: 70.59 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.816 min
Delta R.T.: -0.001 min
Response: 571714548
Conc: 75.47 ng/ml



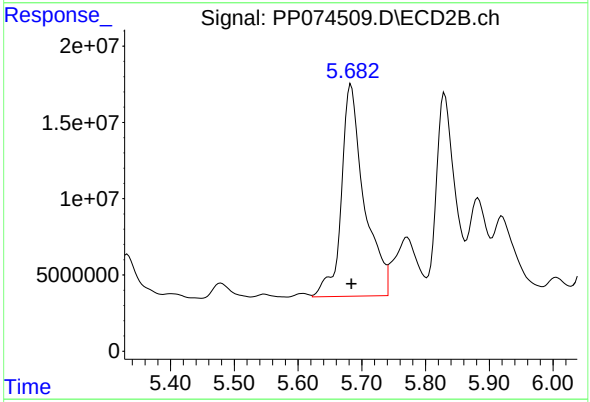

#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: -0.002 min
Response: 40199220
Conc: 682.55 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

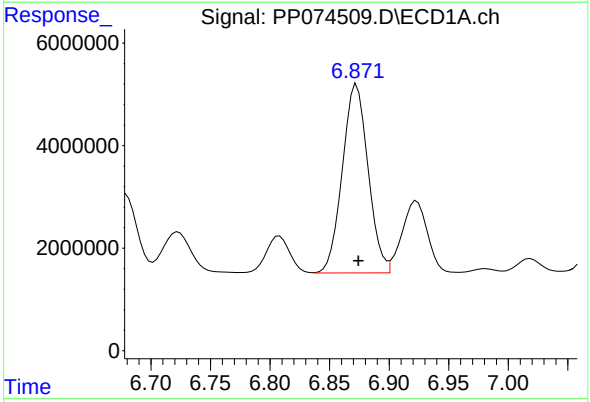
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



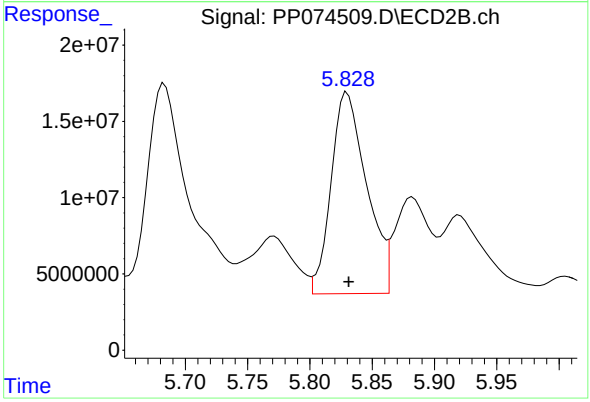

#26 AR-1254-1

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 345368367
Conc: 699.28 ng/ml



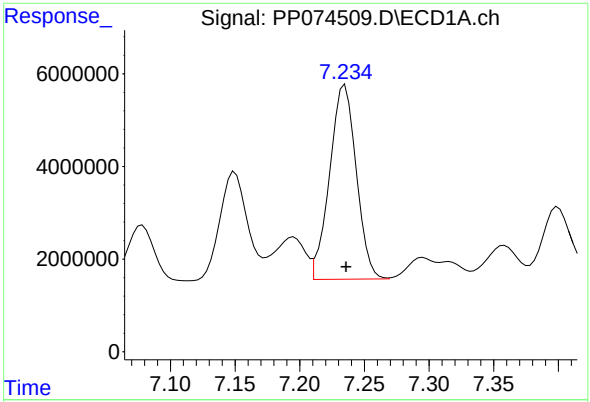

#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: -0.001 min
Response: 55301971
Conc: 695.68 ng/ml




#27 AR-1254-2

R.T.: 5.830 min
Delta R.T.: -0.001 min
Response: 262709061
Conc: 751.61 ng/ml



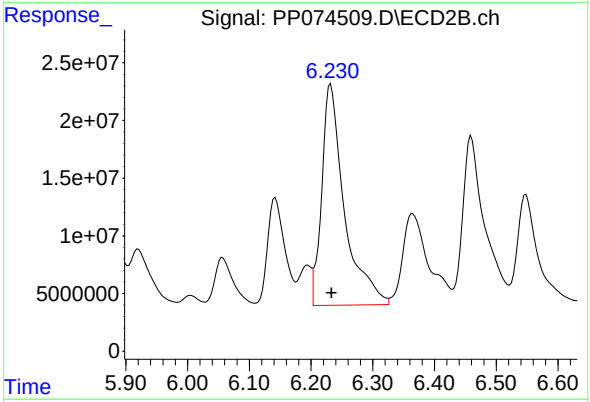

#28 AR-1254-3

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 60201798
Conc: 704.37 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

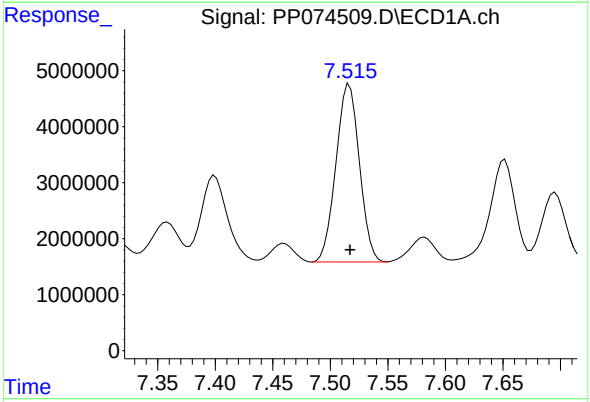
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



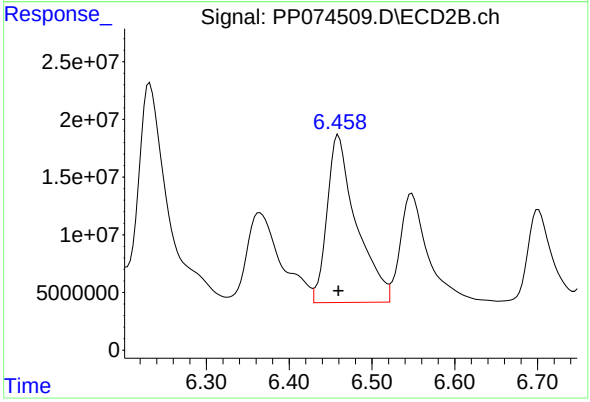

#28 AR-1254-3

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 488993494
Conc: 736.93 ng/ml



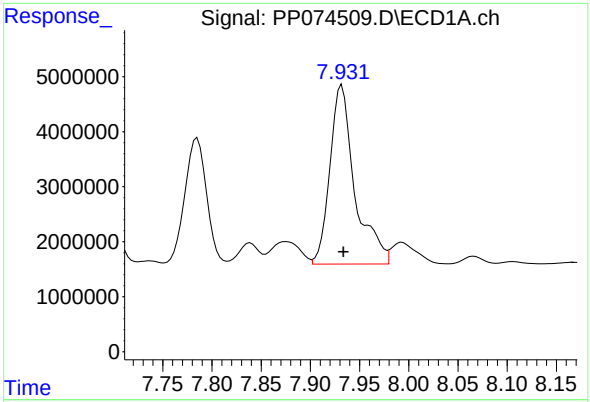

#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 45192418
Conc: 702.01 ng/ml




#29 AR-1254-4

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 356892319
Conc: 721.54 ng/ml



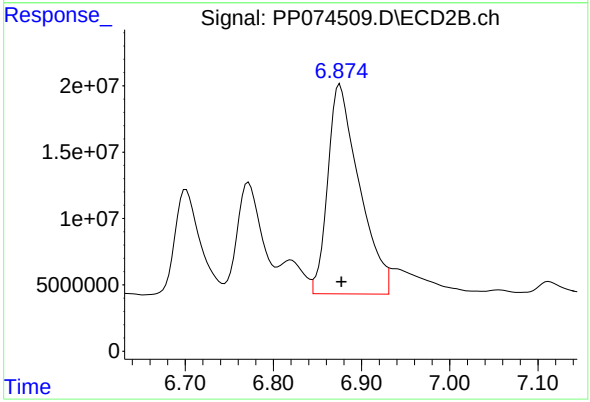

#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 57258258
Conc: 704.79 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#30 AR-1254-5

R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 388571338
Conc: 778.37 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:10
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.658 | 3.801 | 59312230 | 249.0E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.438 | 8.817 | 52335799 | 378.8E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.657 | 5.684 | 28511206 | 246.9E6 | 484.098m | 500.000 |
| 27) | L6 AR-1254-2 | 6.874 | 5.831 | 39746657 | 174.8E6 | 500.000 | 500.000 |
| 28) | L6 AR-1254-3 | 7.236 | 6.233 | 42734643 | 331.8E6 | 500.000 | 500.000 |
| 29) | L6 AR-1254-4 | 7.517 | 6.459 | 32187957 | 247.3E6 | 500.000 | 500.000 |
| 30) | L6 AR-1254-5 | 7.934 | 6.877 | 40620840 | 249.6E6 | 500.000 | 500.000 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:10
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

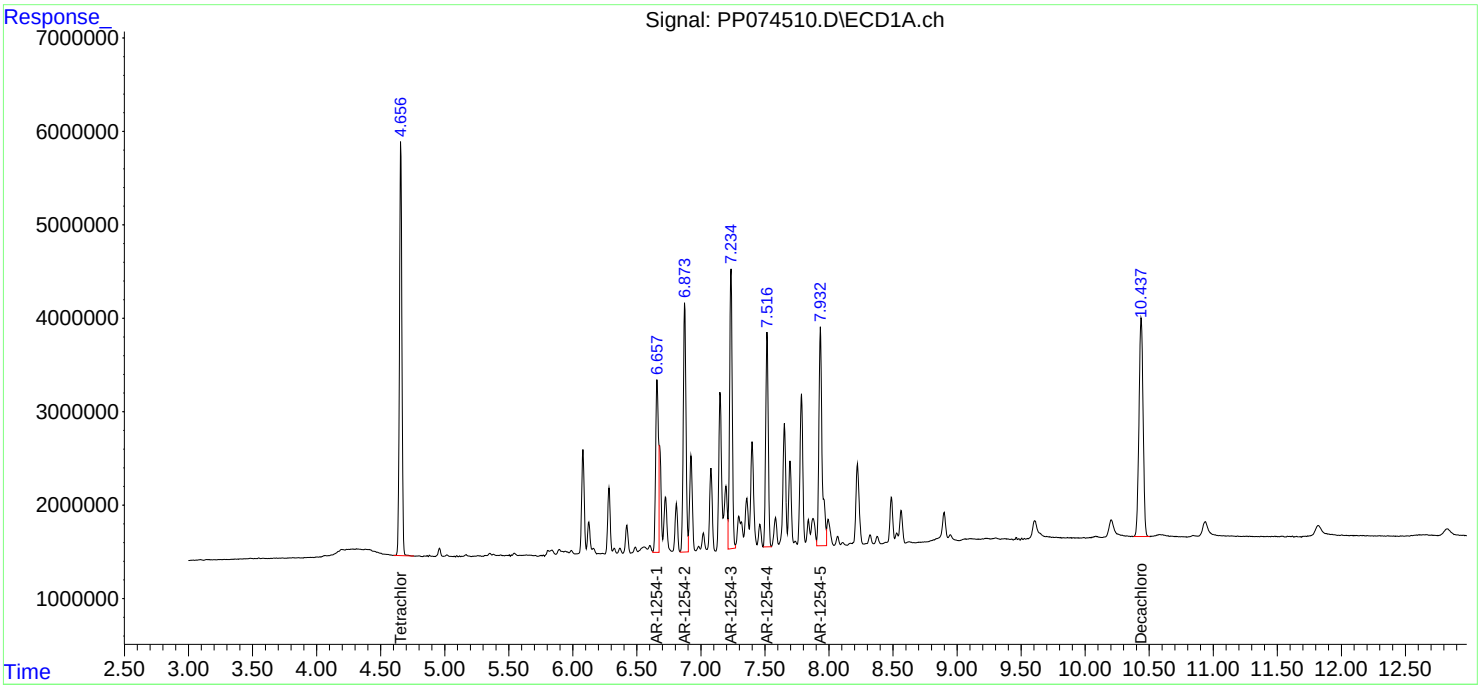
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

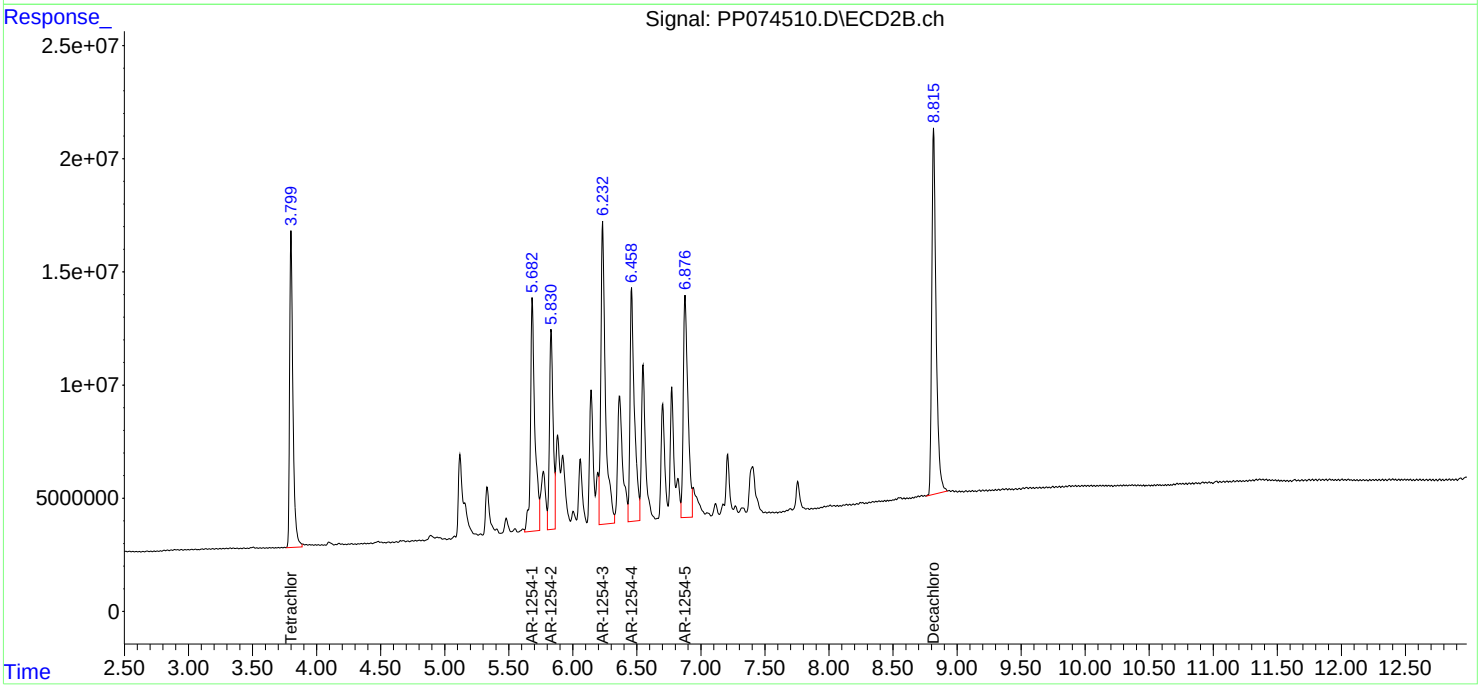
**Manual Integrations APPROVED**

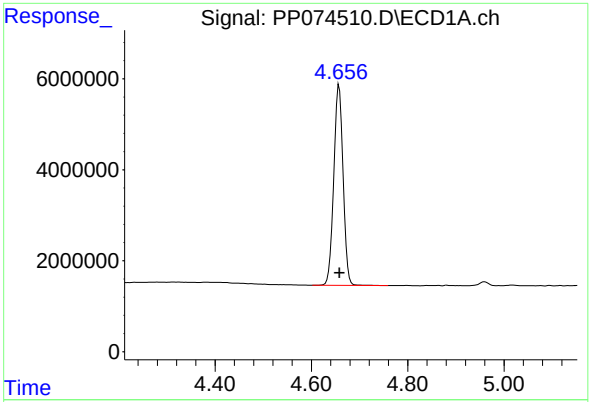
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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





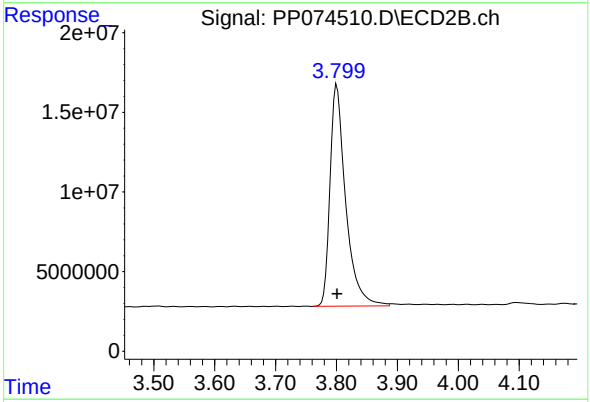

#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 59312230
Conc: 50.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

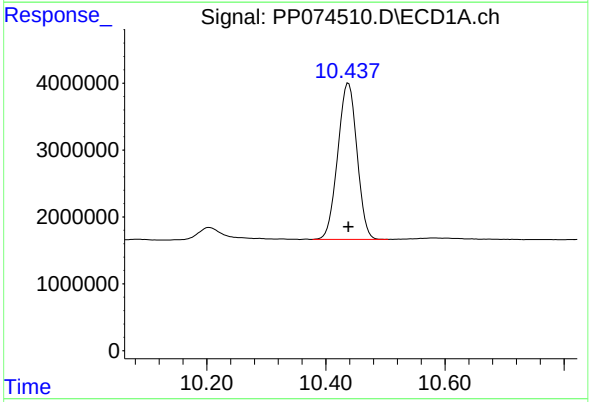
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



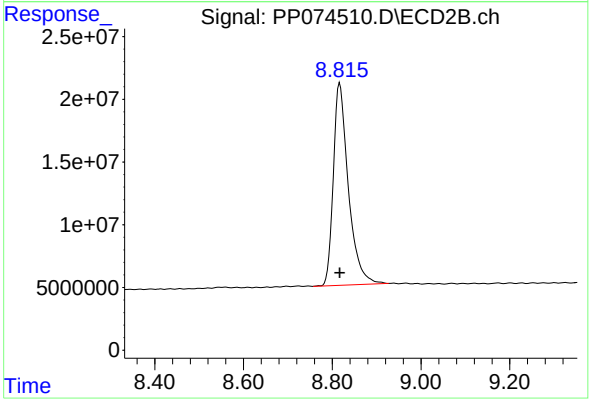

#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 248951660
Conc: 50.00 ng/ml



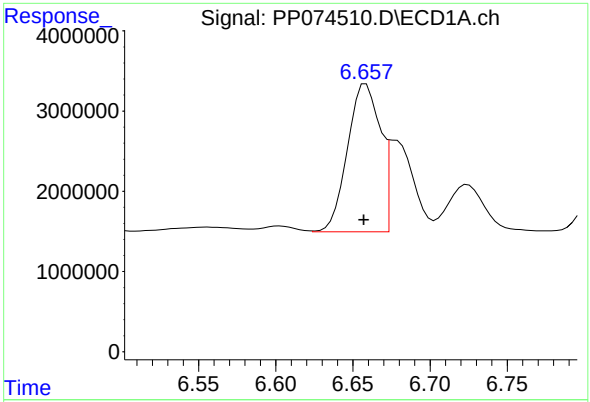

#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 52335799
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 378794188
Conc: 50.00 ng/ml



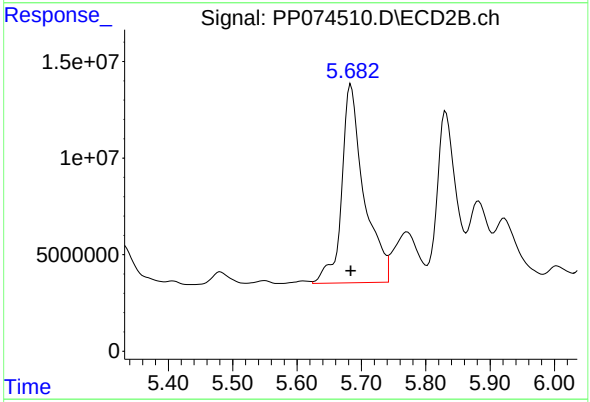

#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 28511206
Conc: 484.10 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

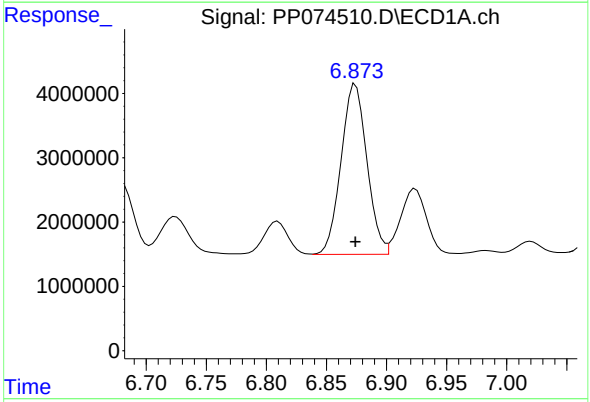
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



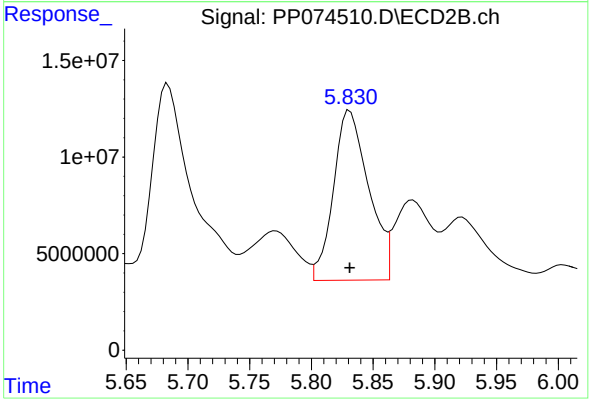

#26 AR-1254-1

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 246944521
Conc: 500.00 ng/ml



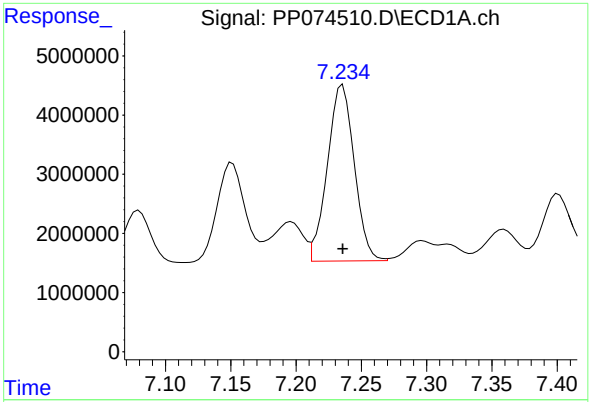

#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 39746657
Conc: 500.00 ng/ml




#27 AR-1254-2

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 174764355
Conc: 500.00 ng/ml



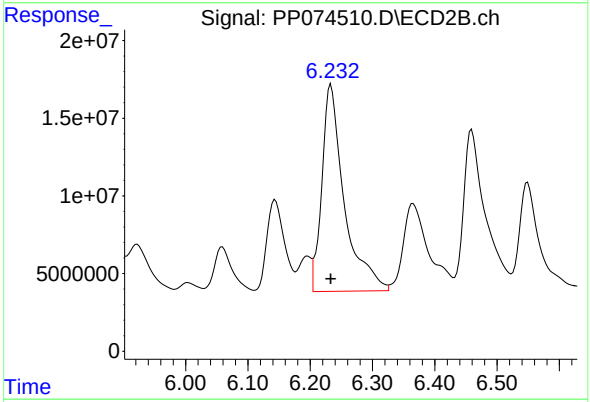

#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 42734643
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

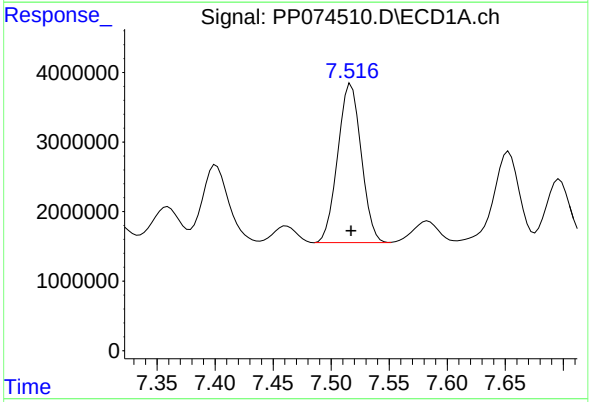
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



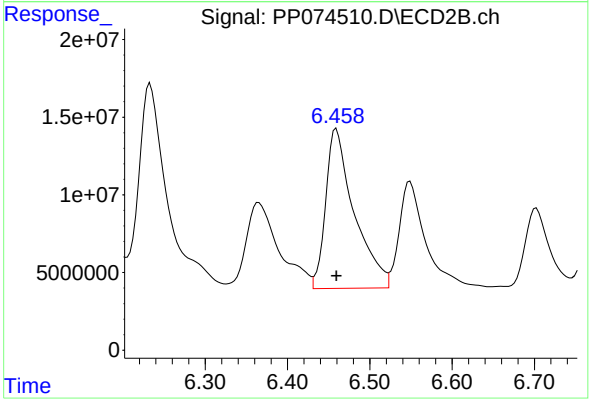

#28 AR-1254-3

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 331779068
Conc: 500.00 ng/ml



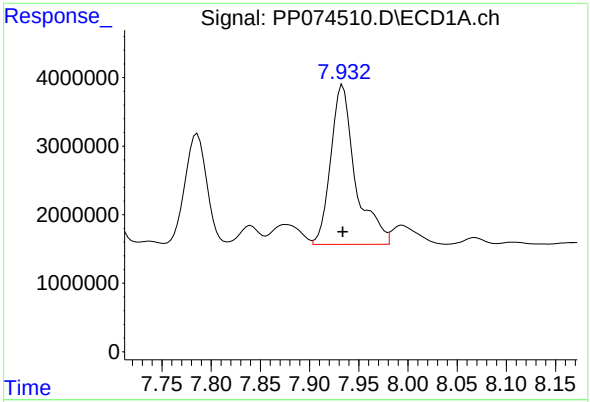

#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 32187957
Conc: 500.00 ng/ml




#29 AR-1254-4

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 247311763
Conc: 500.00 ng/ml



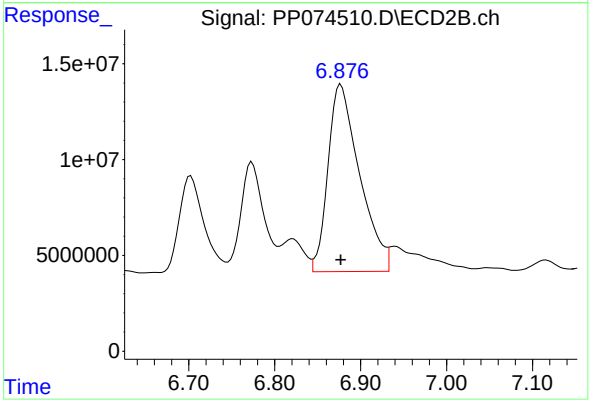

#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 40620840
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#30 AR-1254-5

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 249604262
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:42
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.657 | 3.800 | 31994256 | 115.5E6 | 26.971 | 23.196 |
| 2) | SA Decachlor... | 10.435 | 8.815 | 28652955 | 191.8E6 | 27.374 | 25.314 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.655 | 5.683 | 15890216 | 119.9E6 | 269.803m | 242.811 |
| 27) | L6 AR-1254-2 | 6.873 | 5.829 | 22034196 | 89396429 | 277.183 | 255.763 |
| 28) | L6 AR-1254-3 | 7.234 | 6.233 | 23677562 | 156.6E6 | 277.030 | 235.946 |
| 29) | L6 AR-1254-4 | 7.516 | 6.458 | 17794501 | 118.2E6 | 276.416 | 238.941 |
| 30) | L6 AR-1254-5 | 7.932 | 6.875 | 22325080 | 128.4E6 | 274.798 | 257.251 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:42
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

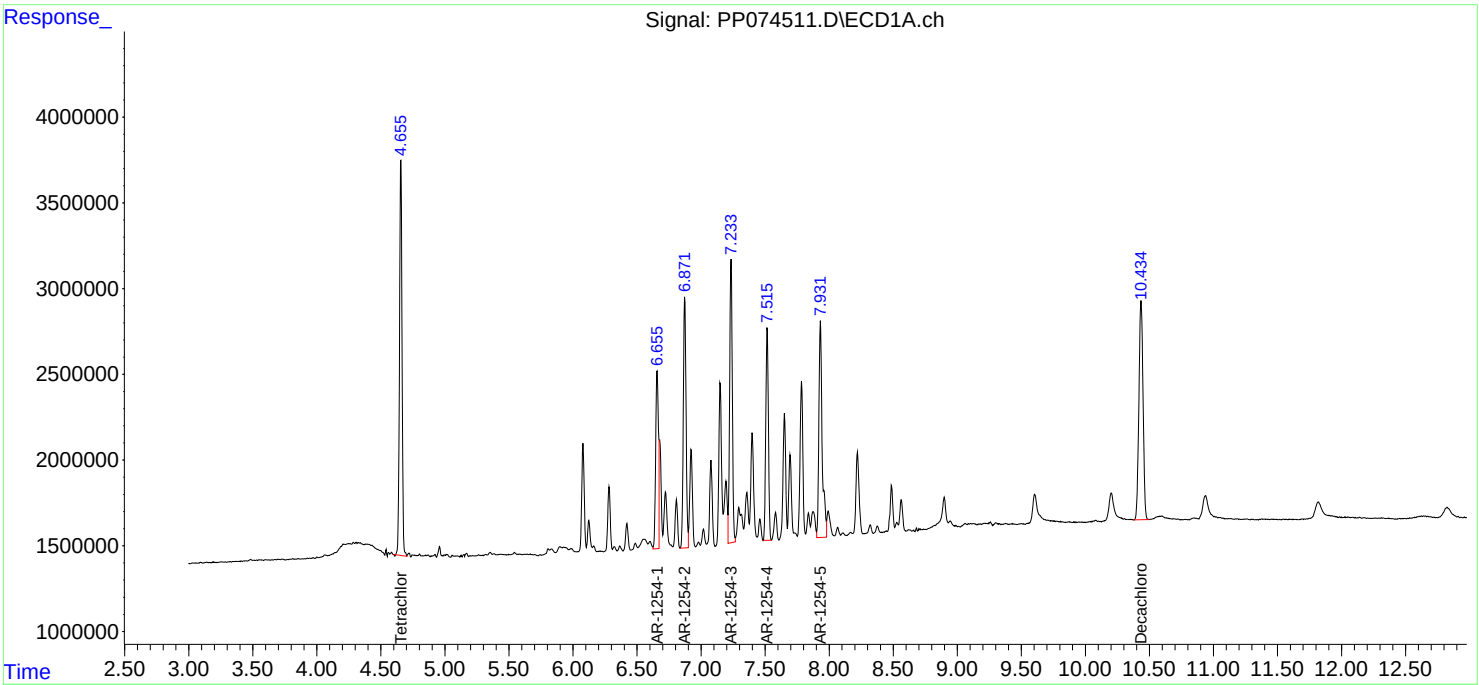
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

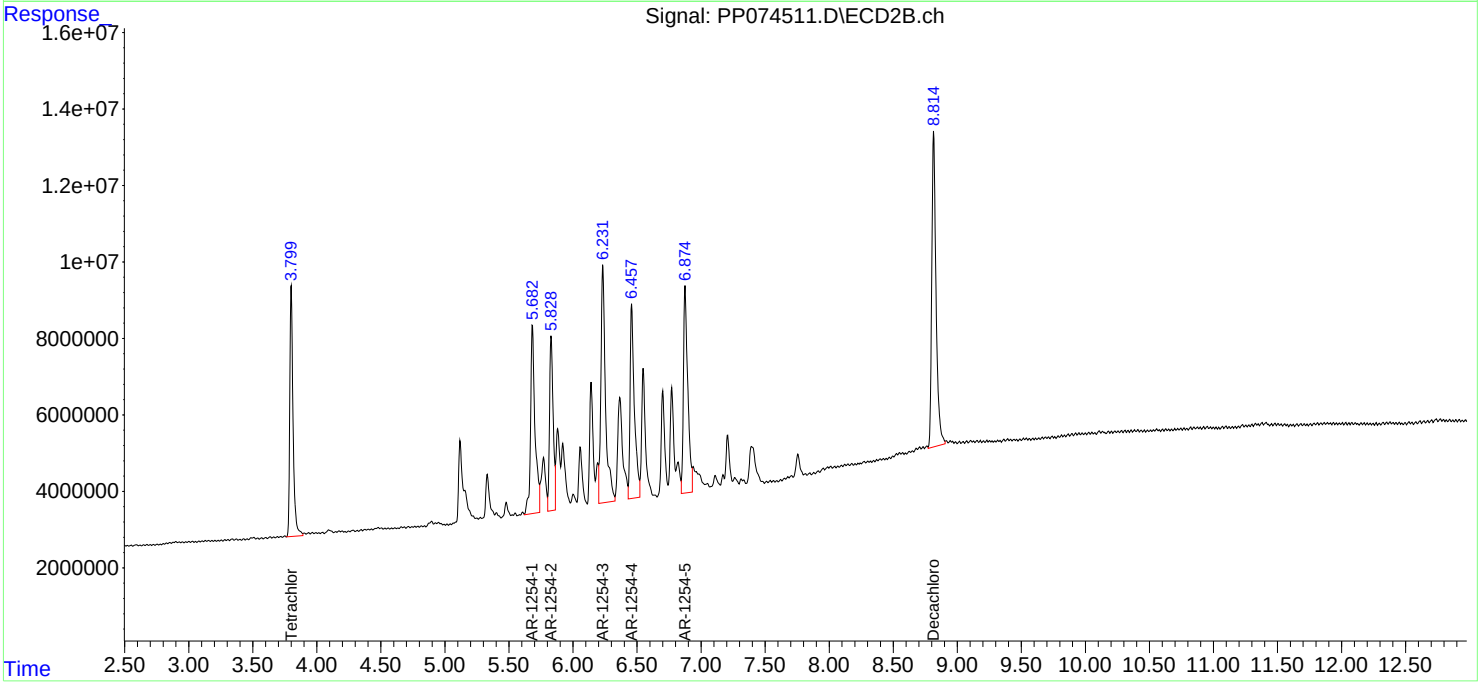
**Manual Integrations APPROVED**

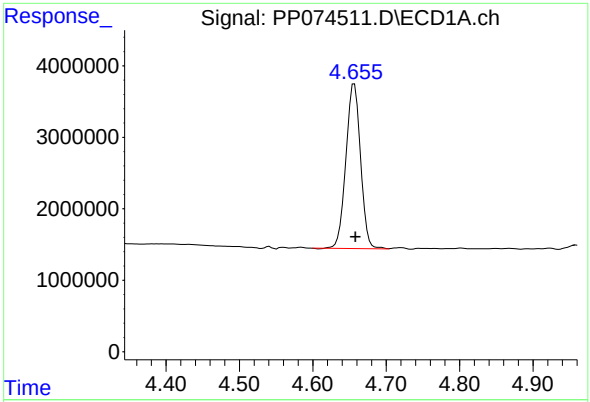
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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





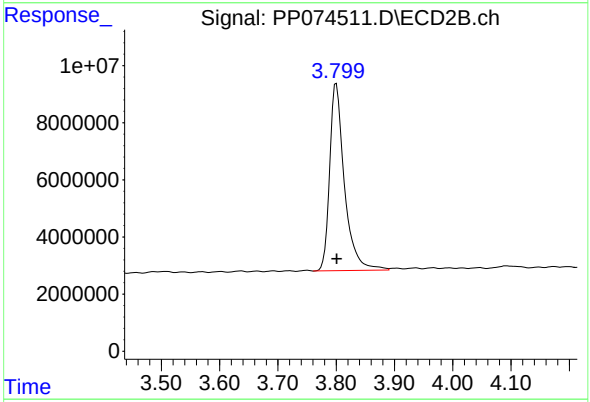

#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: -0.001 min
Response: 31994256
Conc: 26.97 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

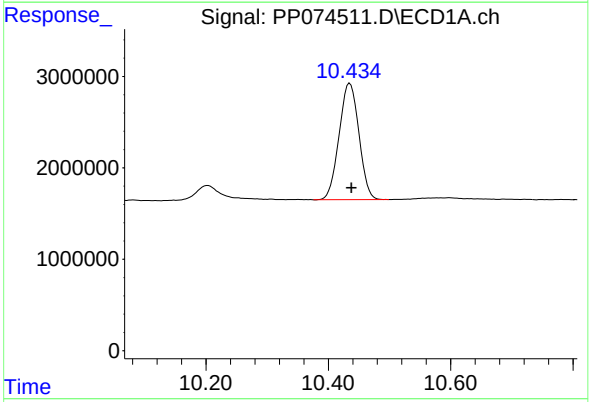
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



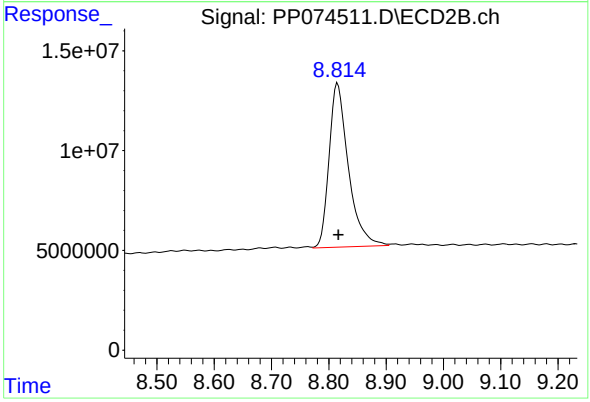

#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 115494066
Conc: 23.20 ng/ml



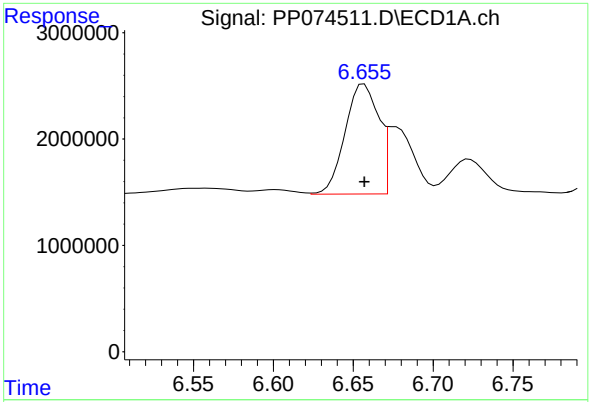

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 28652955
Conc: 27.37 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: -0.002 min
Response: 191779450
Conc: 25.31 ng/ml



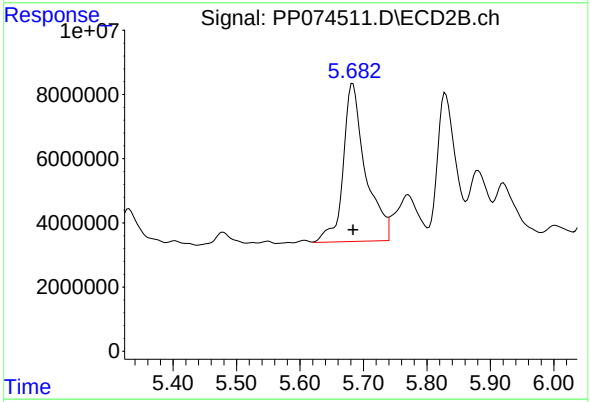

#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: -0.002 min
Response: 15890216
Conc: 269.80 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

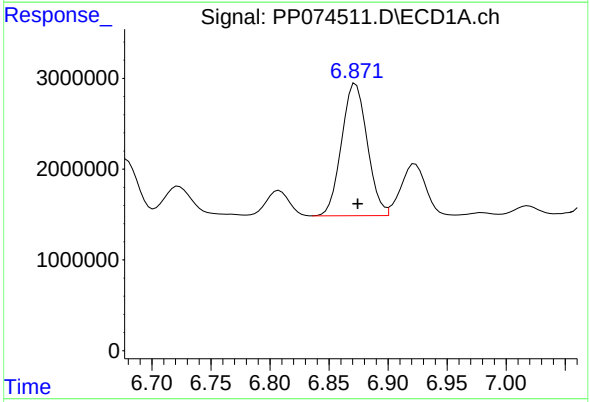
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



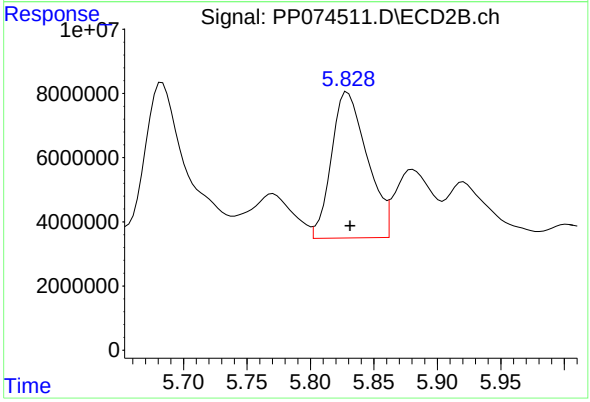

#26 AR-1254-1

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 119921848
Conc: 242.81 ng/ml



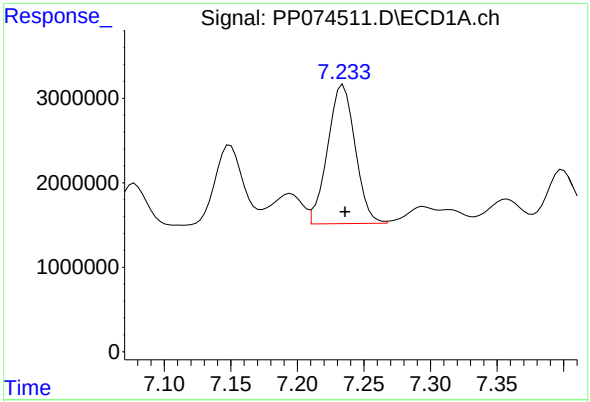

#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: -0.002 min
Response: 22034196
Conc: 277.18 ng/ml




#27 AR-1254-2

R.T.: 5.829 min
Delta R.T.: -0.002 min
Response: 89396429
Conc: 255.76 ng/ml



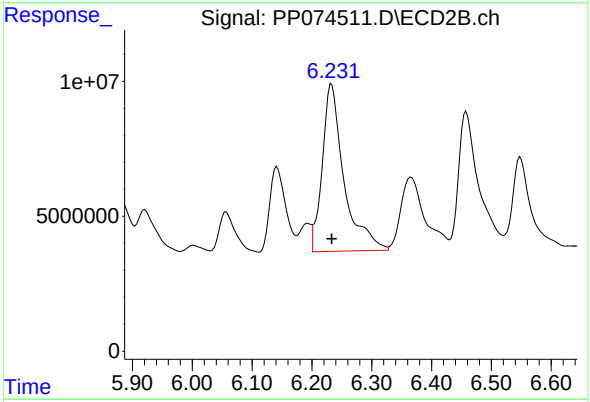

#28 AR-1254-3

R.T.: 7.234 min
Delta R.T.: -0.001 min
Response: 23677562
Conc: 277.03 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

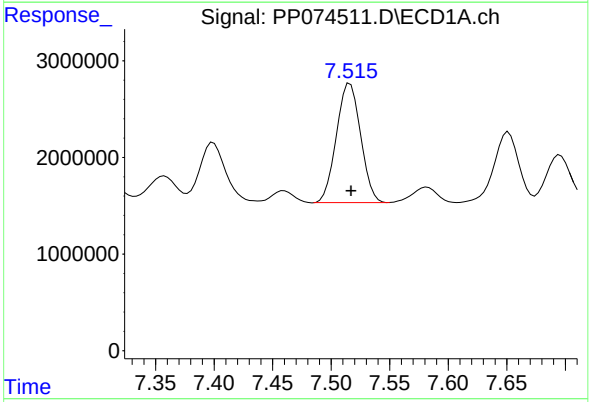
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



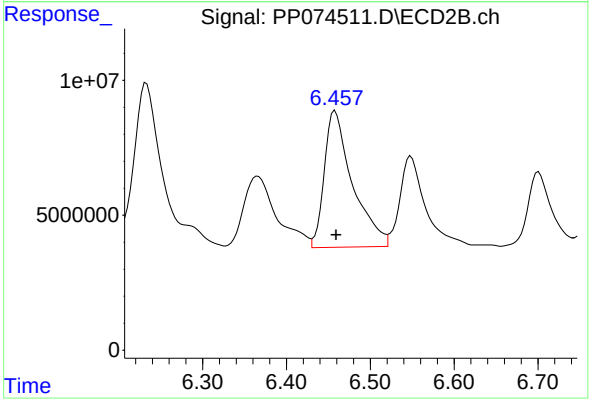

#28 AR-1254-3

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 156563611
Conc: 235.95 ng/ml



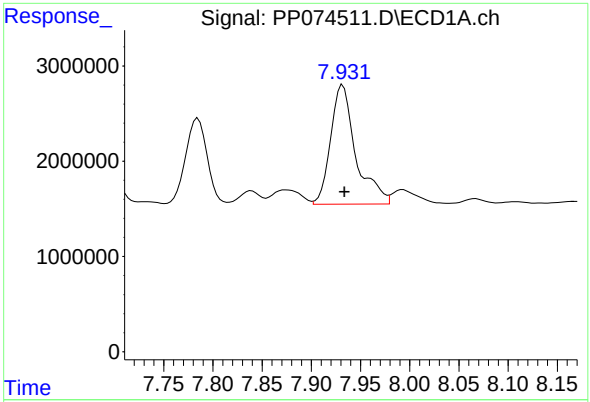

#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: -0.001 min
Response: 17794501
Conc: 276.42 ng/ml




#29 AR-1254-4

R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 118185848
Conc: 238.94 ng/ml



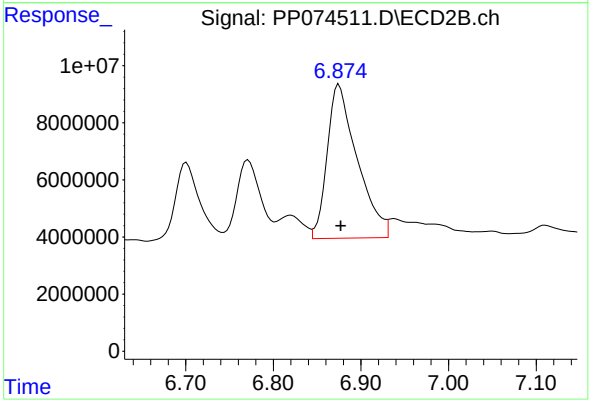

#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 22325080
Conc: 274.80 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#30 AR-1254-5

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 128421857
Conc: 257.25 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:58
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:25:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.655 | 3.799 | 6824177 | 16356890 | 5.753 | 3.285 | # |
| 2) | SA Decachlor... | 10.435 | 8.814 | 5925526 | 36307802 | 5.661 | 4.793 | |
| | Target Compounds | | | | | | | |
| 26) | L6 AR-1254-1 | 6.654 | 5.682 | 3432859 | 24935505 | 58.287m | 50.488 | |
| 27) | L6 AR-1254-2 | 6.872 | 5.830 | 4885847 | 18783341 | 61.462 | 53.739 | |
| 28) | L6 AR-1254-3 | 7.231 | 6.232 | 5507525 | 26251359 | 64.439m | 39.562 | # |
| 29) | L6 AR-1254-4 | 7.515 | 6.457 | 3846980 | 21709681 | 59.758 | 43.891 | # |
| 30) | L6 AR-1254-5 | 7.931 | 6.876 | 4851004 | 21373298 | 59.711 | 42.814 | # |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:58
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

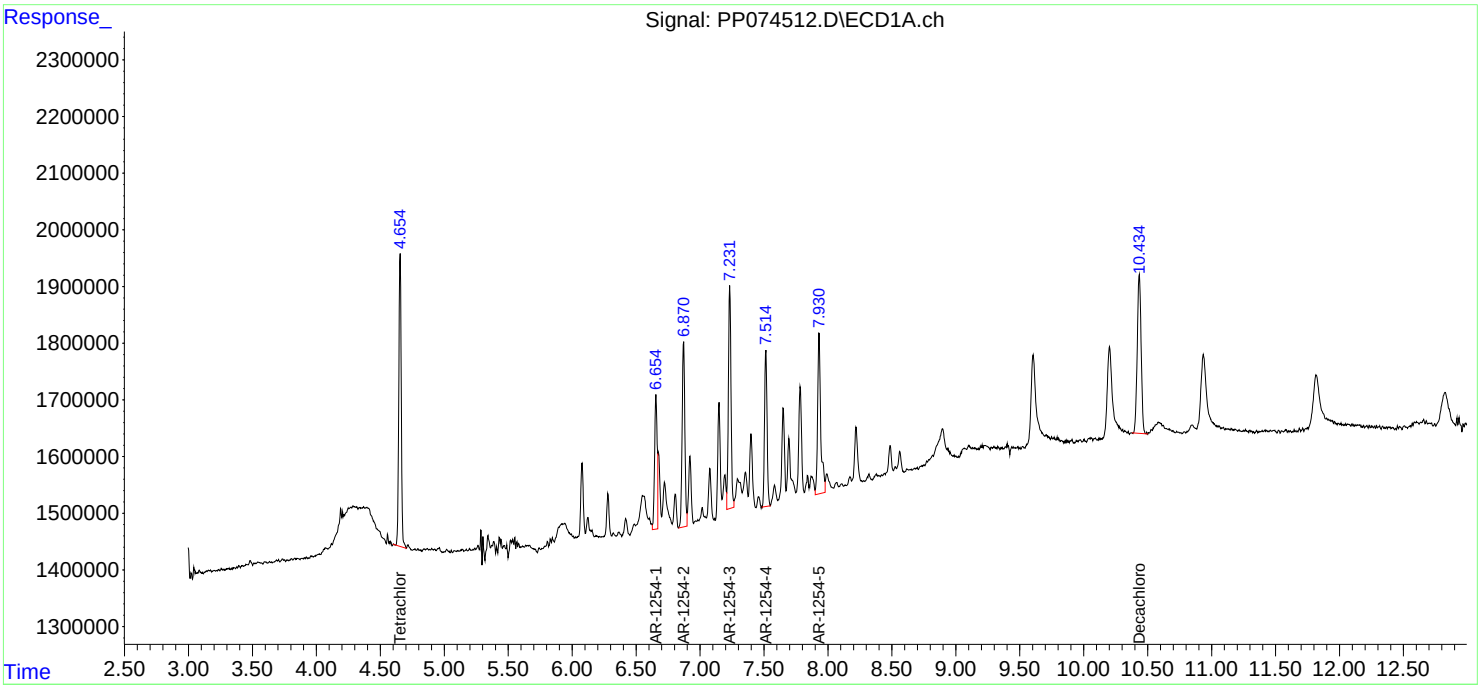
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

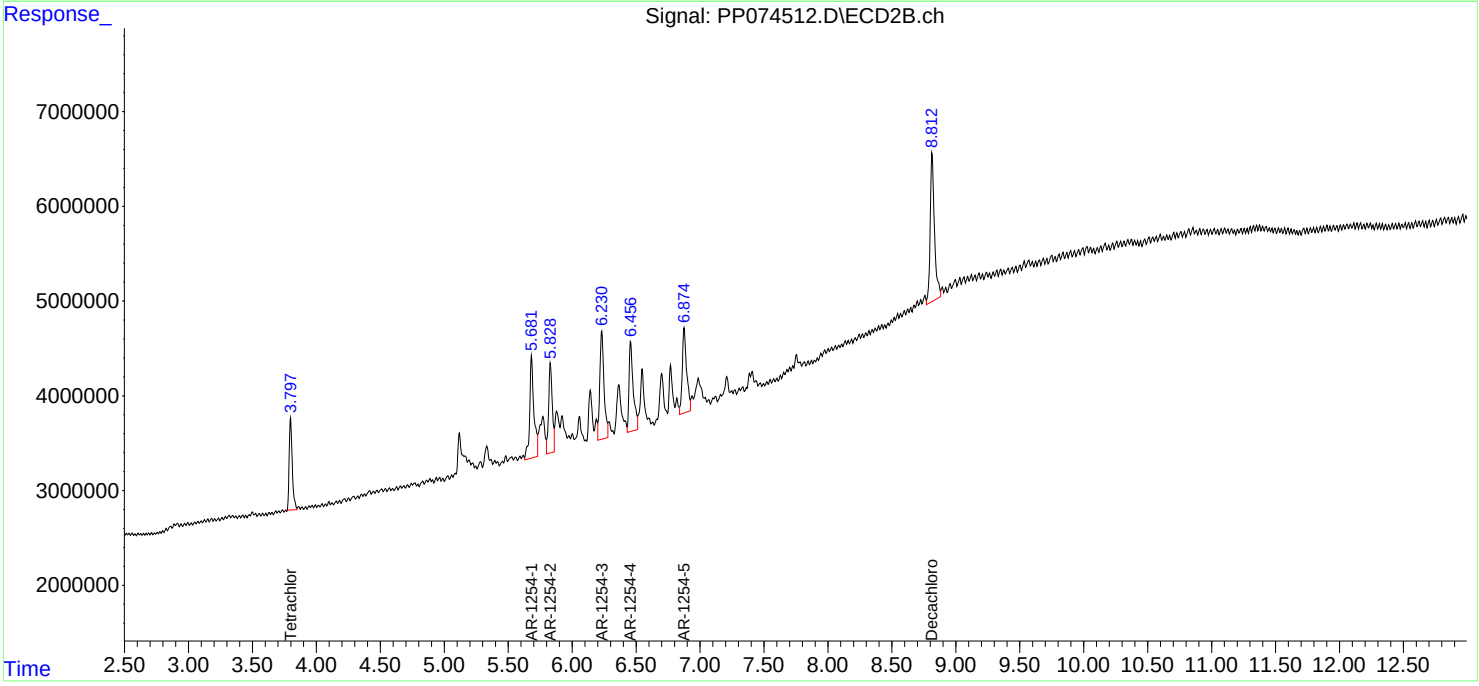
**Manual Integrations APPROVED**

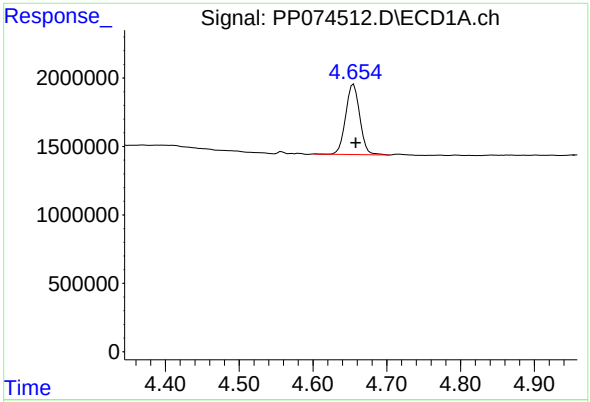
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:25:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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





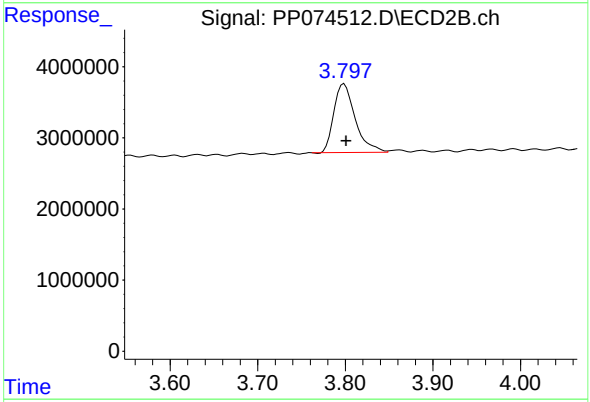

#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 6824177
Conc: 5.75 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

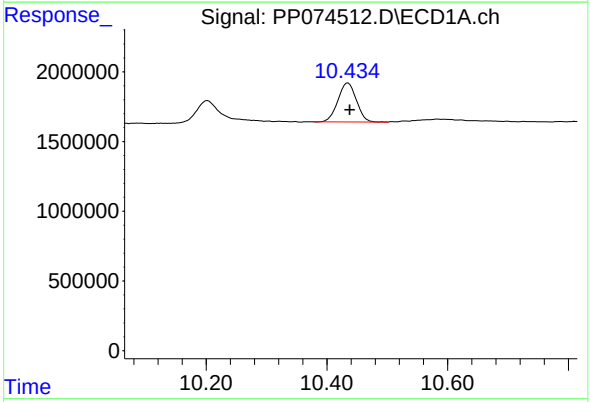
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



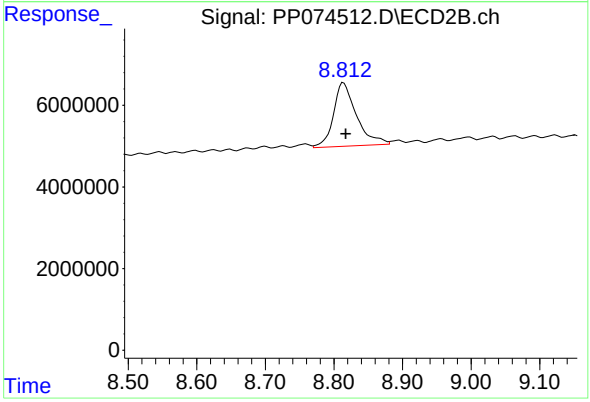

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 16356890
Conc: 3.29 ng/ml



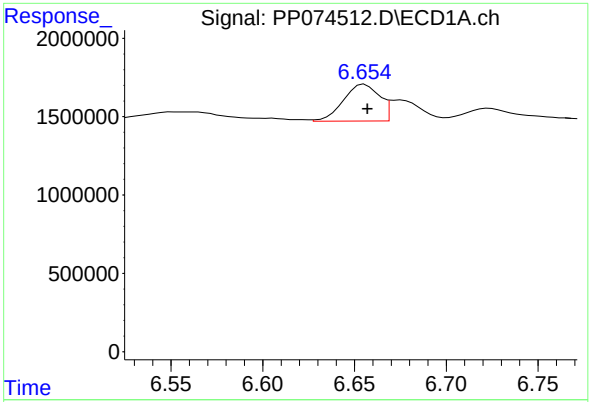

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 5925526
Conc: 5.66 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: -0.003 min
Response: 36307802
Conc: 4.79 ng/ml



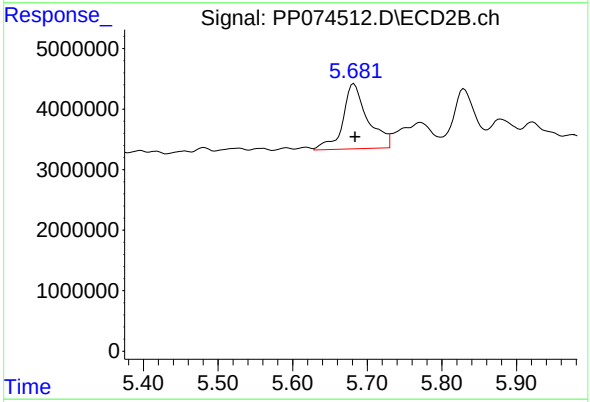

#26 AR-1254-1

R.T.: 6.654 min
Delta R.T.: -0.003 min
Response: 3432859
Conc: 58.29 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

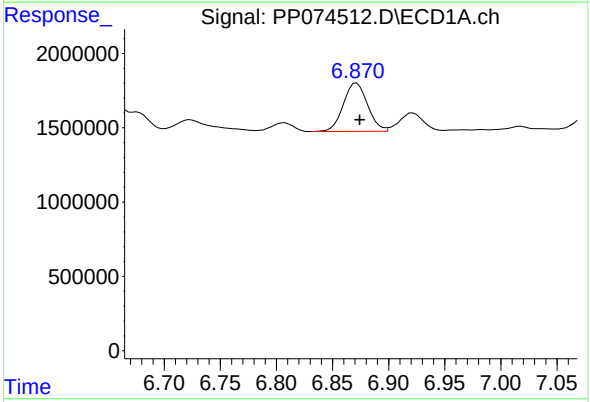
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



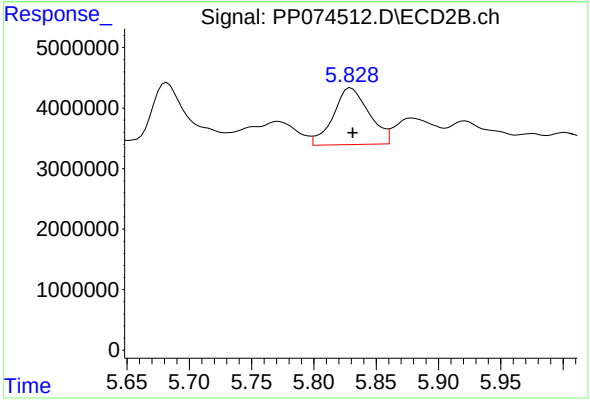

#26 AR-1254-1

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 24935505
Conc: 50.49 ng/ml



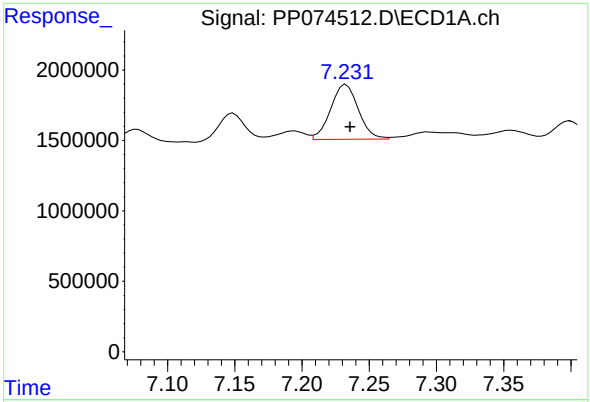

#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 4885847
Conc: 61.46 ng/ml




#27 AR-1254-2

R.T.: 5.830 min
Delta R.T.: -0.001 min
Response: 18783341
Conc: 53.74 ng/ml



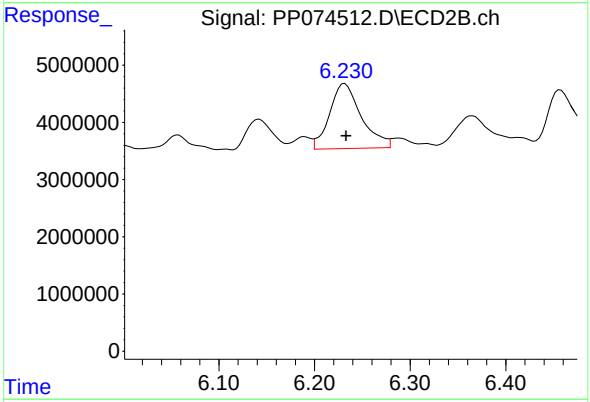

#28 AR-1254-3

R.T.: 7.231 min
Delta R.T.: -0.004 min
Response: 5507525
Conc: 64.44 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

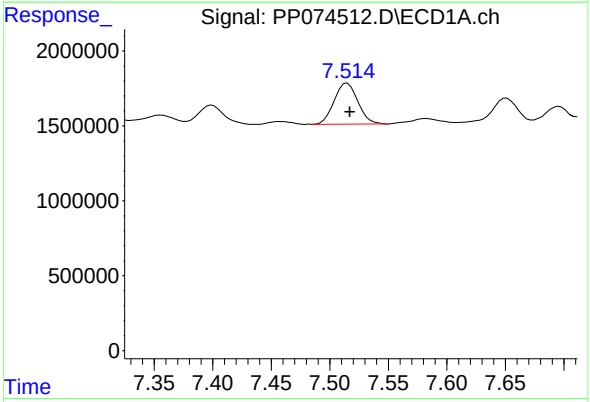
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



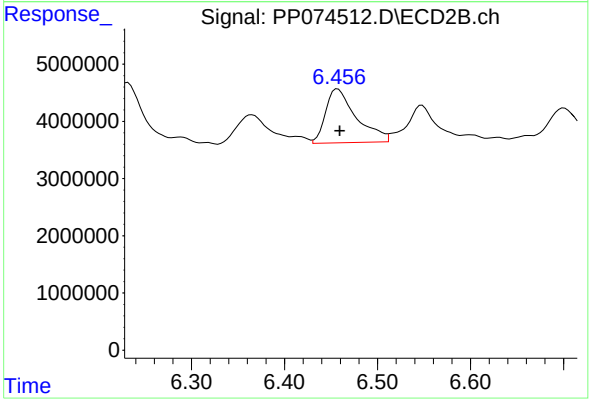

#28 AR-1254-3

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 26251359
Conc: 39.56 ng/ml



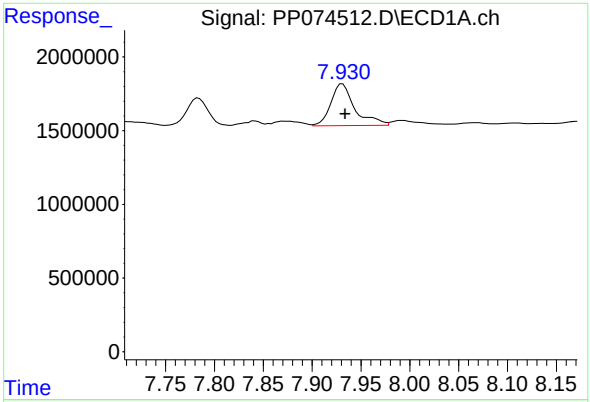

#29 AR-1254-4

R.T.: 7.515 min
Delta R.T.: -0.002 min
Response: 3846980
Conc: 59.76 ng/ml




#29 AR-1254-4

R.T.: 6.457 min
Delta R.T.: -0.002 min
Response: 21709681
Conc: 43.89 ng/ml



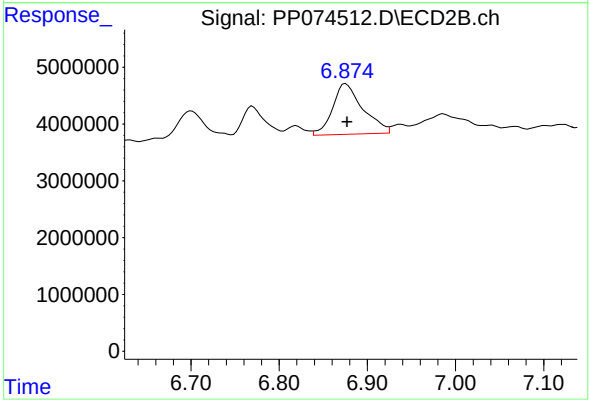

#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 4851004
Conc: 59.71 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#30 AR-1254-5

R.T.: 6.876 min
Delta R.T.: -0.001 min
Response: 21373298
Conc: 42.81 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074513.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:14
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: Aug 20 05:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:44:14 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... | 4.659 | 3.804 | 57502488 | 227.3E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.436 | 8.817 | 51520636 | 381.5E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 36) | L8 AR-1262-1 | 8.241 | 6.917 | 38507994 | 353.6E6 | 500.000 | 500.000 |
| 37) | L8 AR-1262-2 | 8.566 | 7.175 | 66190269 | 260.4E6 | 500.000 | 500.000 |
| 38) | L8 AR-1262-3 | 8.892 | 7.698 | 48606172 | 233.1E6 | 500.000 | 500.000 |
| 39) | L8 AR-1262-4 | 8.979 | 7.761 | 37665153 | 410.9E6 | 500.000 | 500.000 |
| 40) | L8 AR-1262-5 | 9.650 | 8.255 | 30478105 | 179.2E6 | 500.000 | 500.000 |

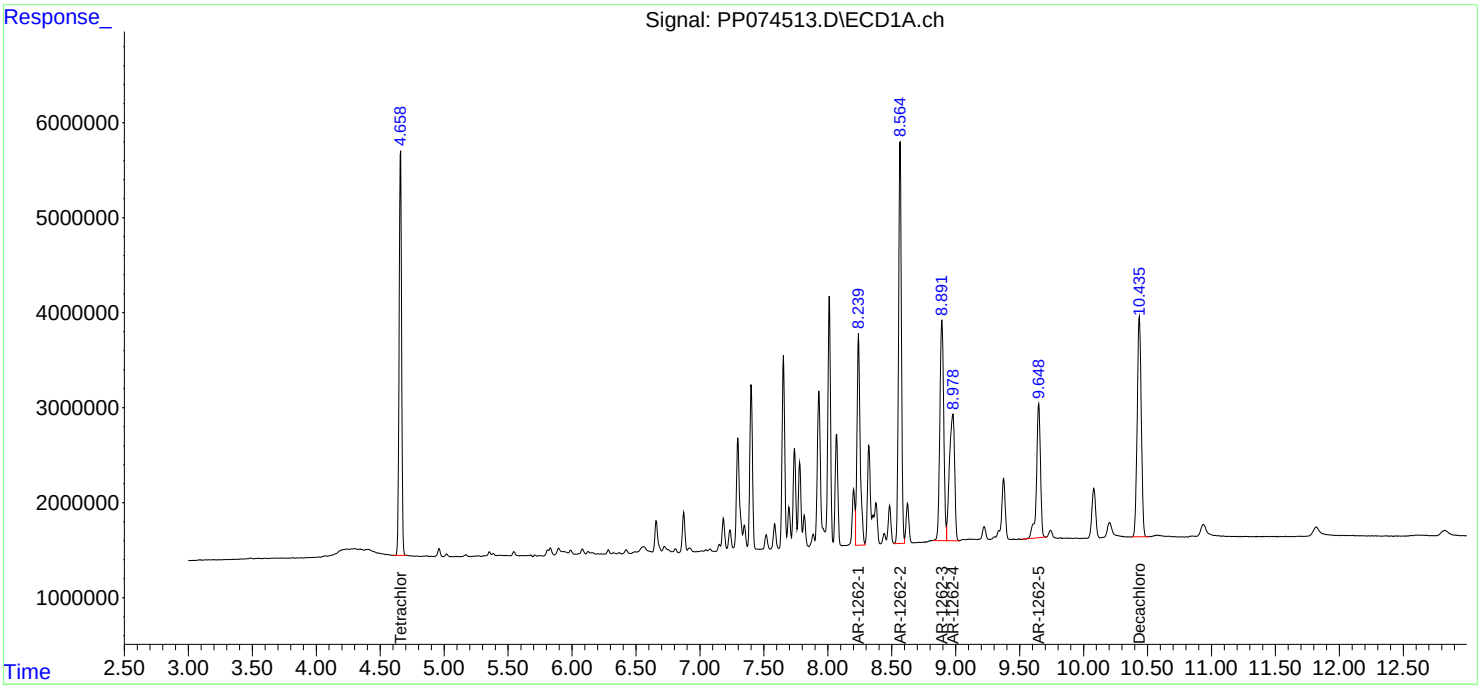
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

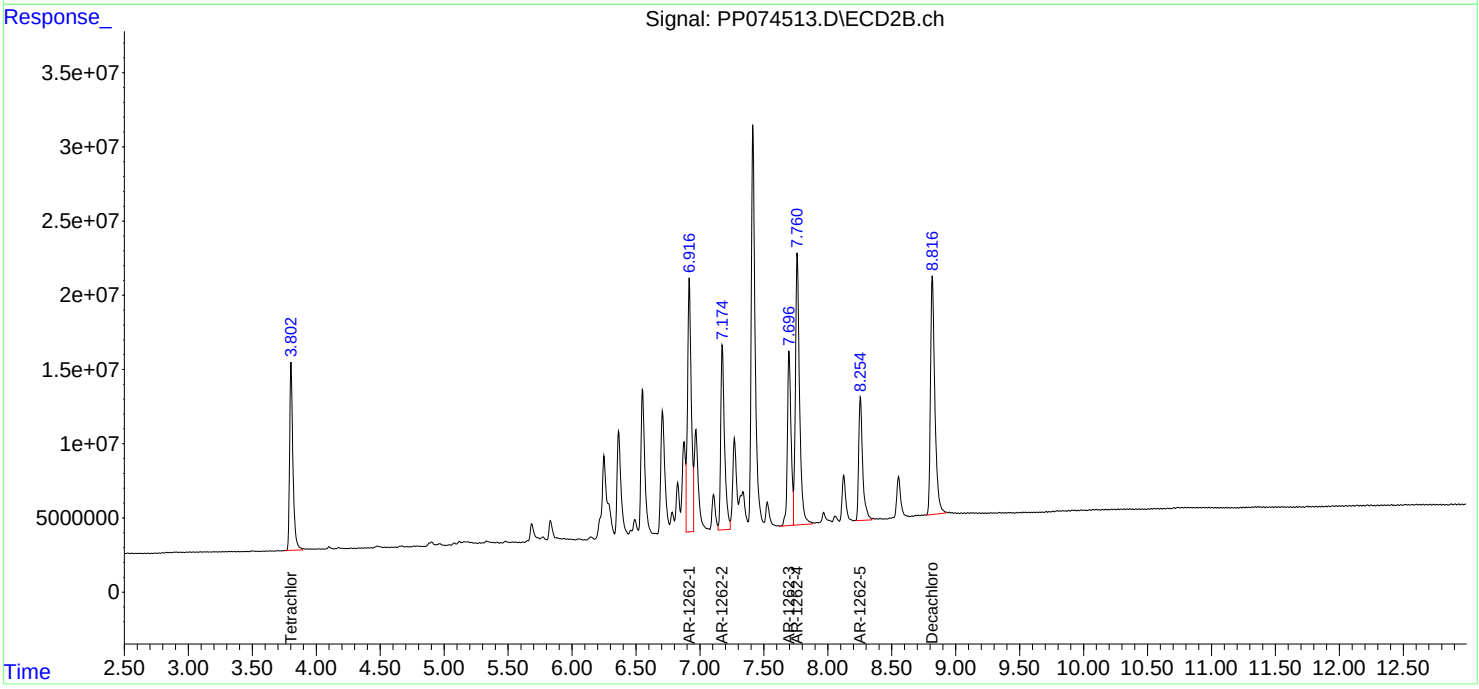
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074513.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:14
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

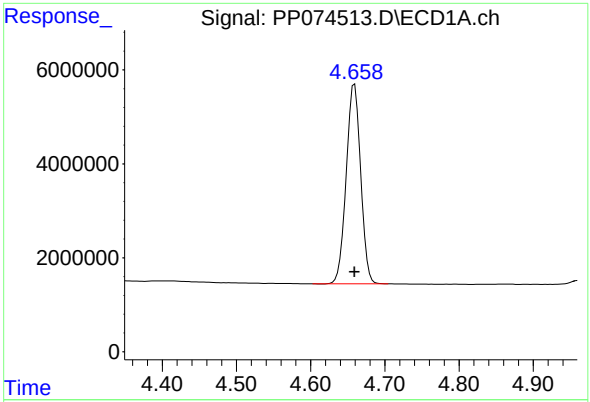
**Instrument :**
ECD_P
**ClientSampleId :**
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:44:14 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



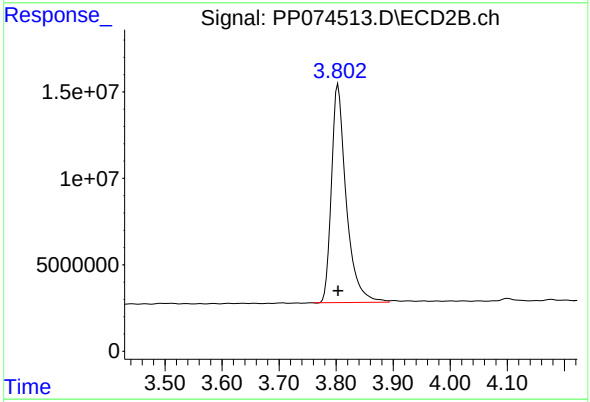






#1 Tetrachloro-m-xylene

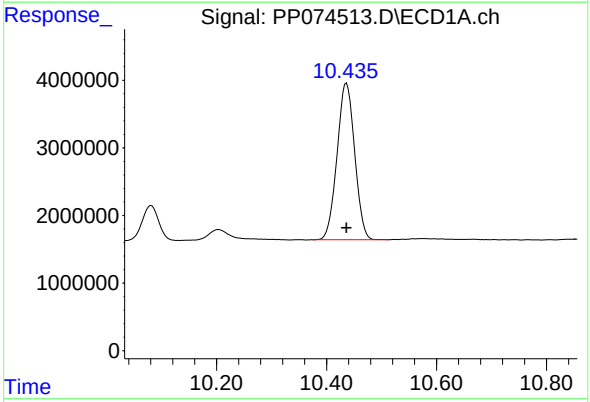
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 57502488
Conc: 50.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1262ICC500



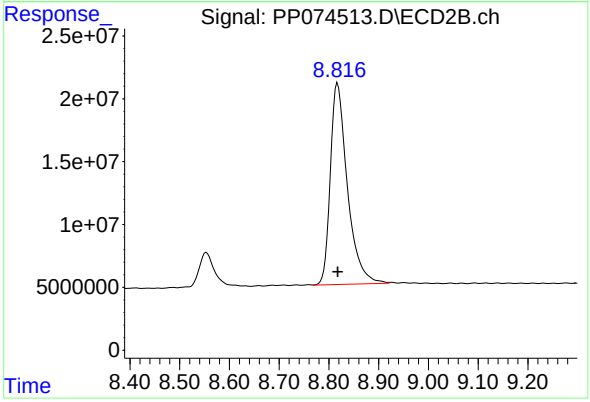

#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 227265945
Conc: 50.00 ng/ml



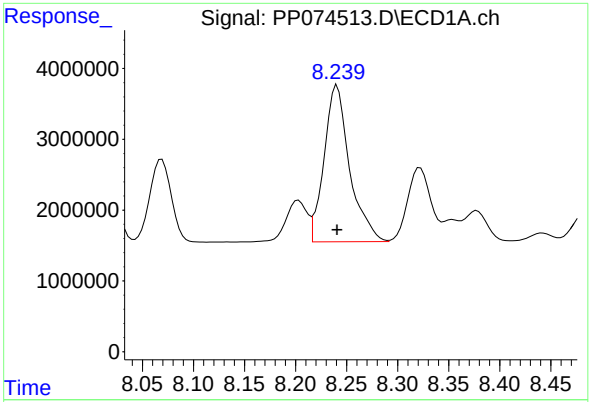

#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 51520636
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

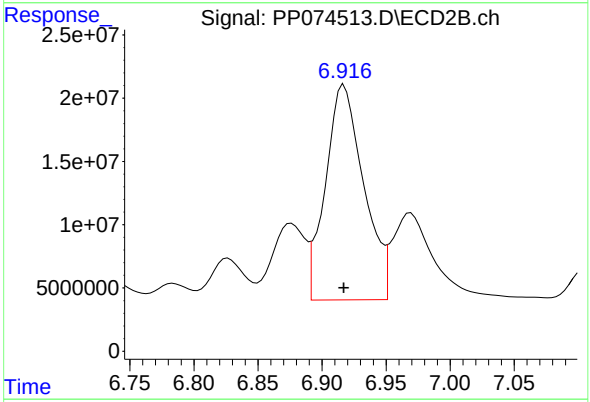
R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 381462541
Conc: 50.00 ng/ml




#36 AR-1262-1

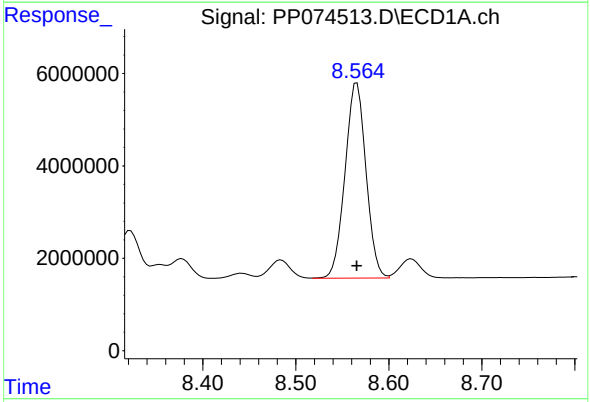
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 38507994
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1262ICC500



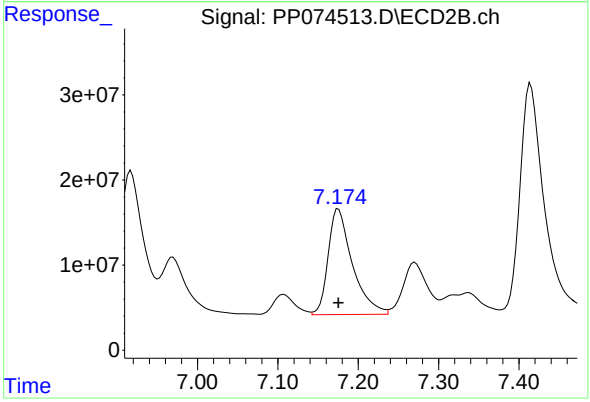

#36 AR-1262-1

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 353629541
Conc: 500.00 ng/ml



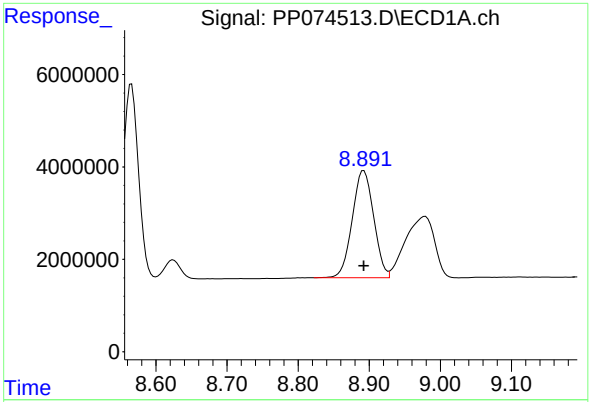

#37 AR-1262-2

R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 66190269
Conc: 500.00 ng/ml




#37 AR-1262-2

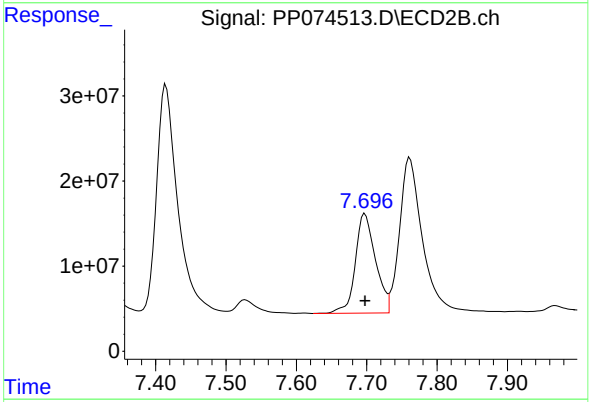
R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 260357156
Conc: 500.00 ng/ml




#38 AR-1262-3

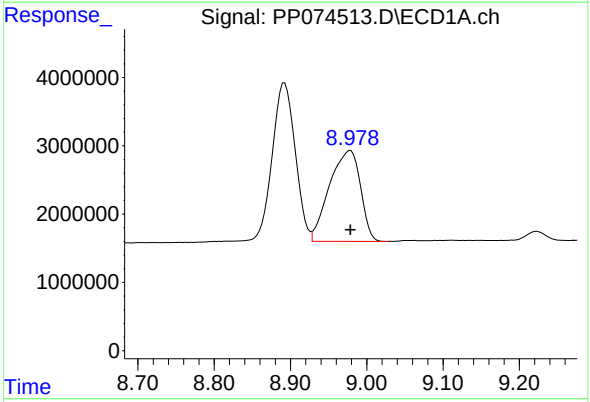
R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 48606172
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1262ICC500



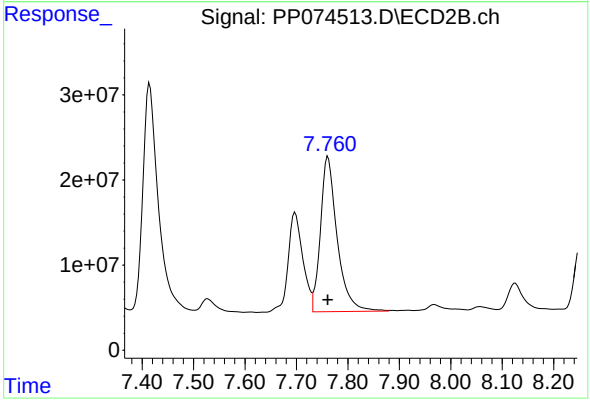

#38 AR-1262-3

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 233148483
Conc: 500.00 ng/ml



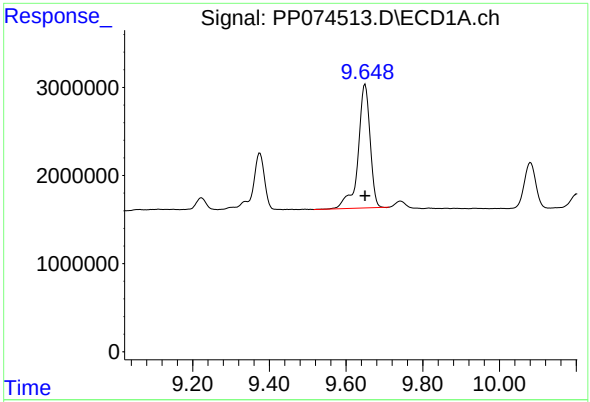

#39 AR-1262-4

R.T.: 8.979 min
Delta R.T.: 0.000 min
Response: 37665153
Conc: 500.00 ng/ml




#39 AR-1262-4

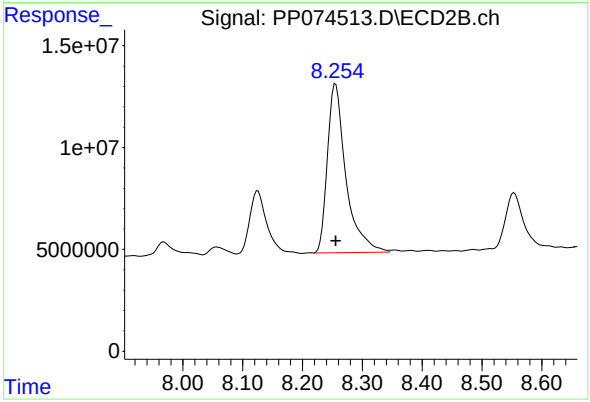
R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 410929891
Conc: 500.00 ng/ml




#40 AR-1262-5

R.T.: 9.650 min
Delta R.T.: 0.000 min
Response: 30478105
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1262ICC500




#40 AR-1262-5

R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 179154512
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074514.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:31
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: Aug 20 05:48:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.655 | 3.801 | 114.0E6 | 521.1E6 | 93.744 | 105.549 |
| 2) | SA Decachlor... | 10.431 | 8.814 | 164.3E6 | 1439.1E6 | 90.456 | 99.845 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.883 | 7.695 | 145.4E6 | 1582.0E6 | 909.781 | 1022.749 |
| 42) | L9 AR-1268-2 | 8.978 | 7.758 | 135.1E6 | 1588.2E6 | 913.226 | 1100.911 |
| 43) | L9 AR-1268-3 | 9.219 | 7.967 | 112.8E6 | 1131.1E6 | 907.046 | 1006.488 |
| 44) | L9 AR-1268-4 | 9.645 | 8.252 | 60062429 | 434.0E6 | 868.130 | 1045.494 |
| 45) | L9 AR-1268-5 | 10.076 | 8.552 | 347.9E6 | 3414.1E6 | 934.640 | 998.029 |

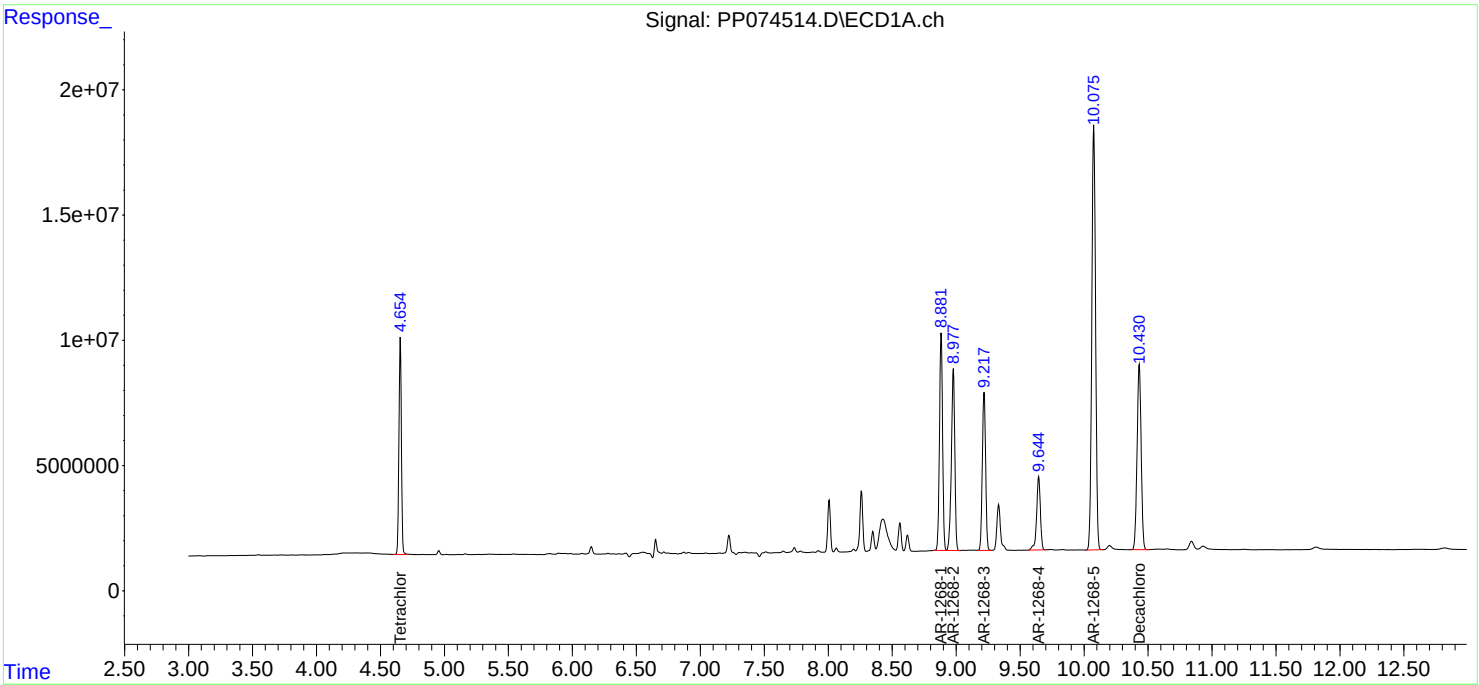
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

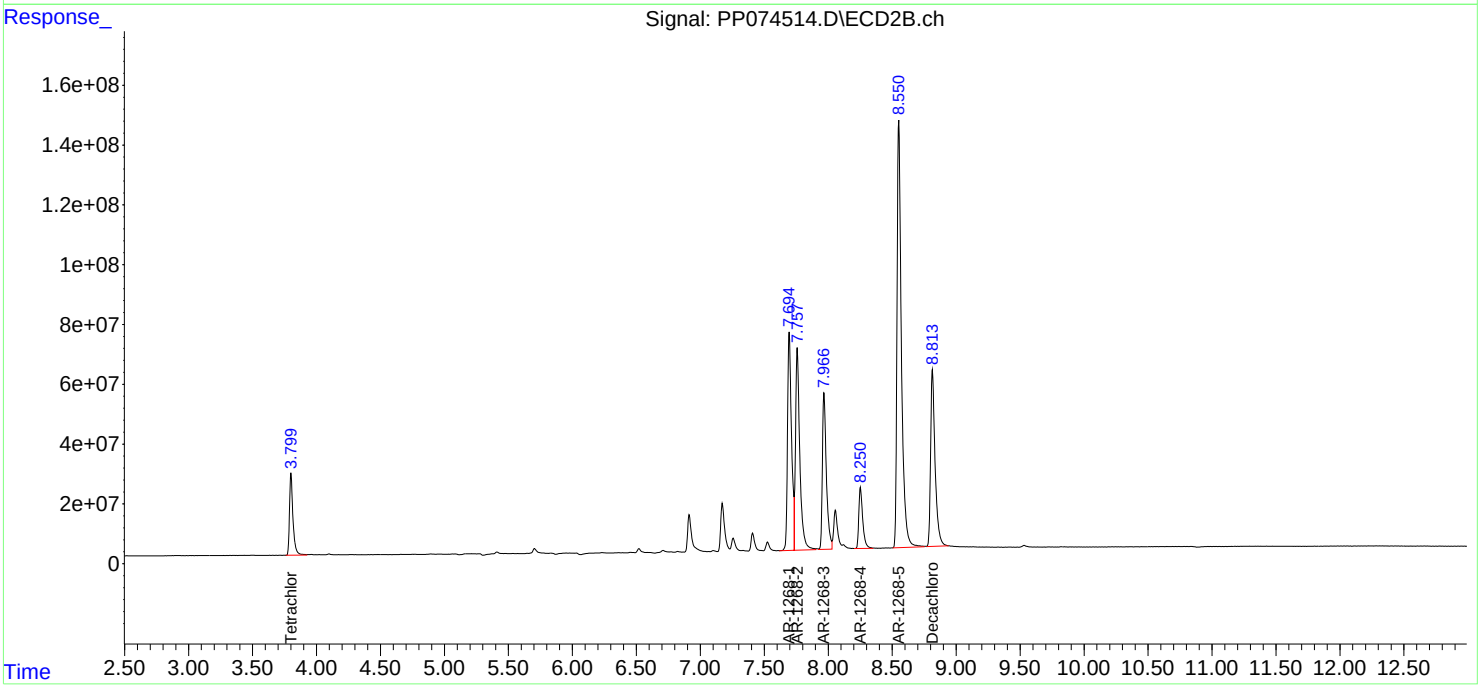
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074514.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:31
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

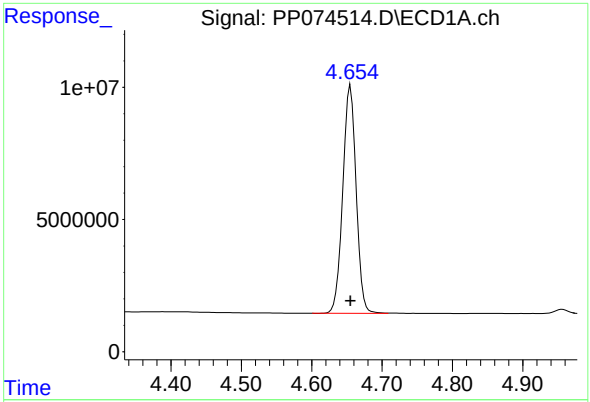
**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:48:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



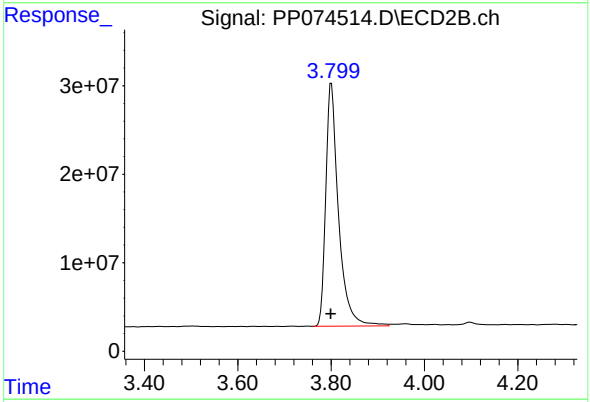






#1 Tetrachloro-m-xylene

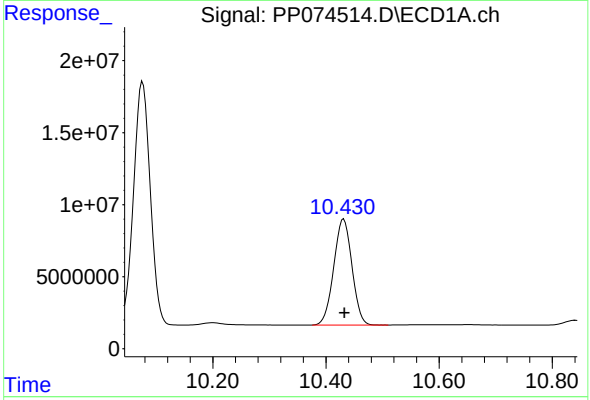
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 113951163
Conc: 93.74 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC1000



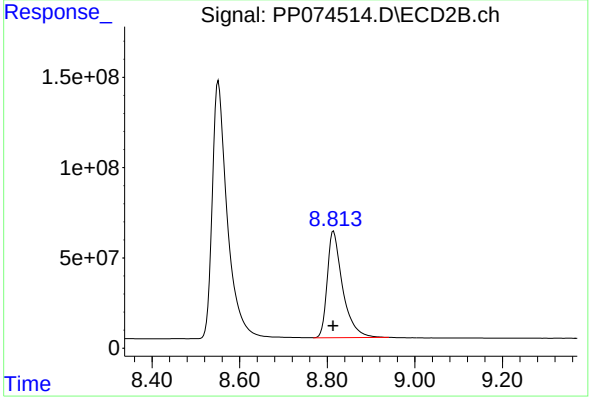

#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.002 min
Response: 521102090
Conc: 105.55 ng/ml



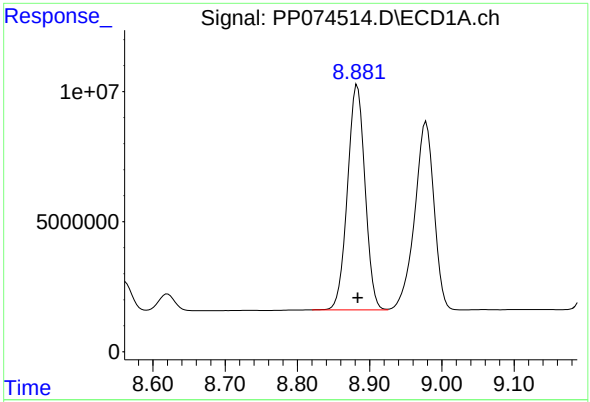

#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.002 min
Response: 164312286
Conc: 90.46 ng/ml




#2 Decachlorobiphenyl

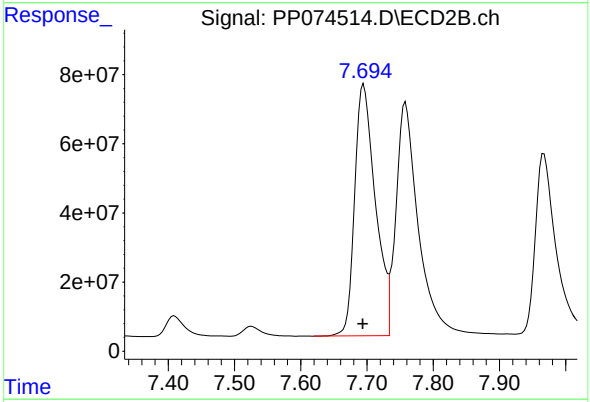
R.T.: 8.814 min
Delta R.T.: 0.001 min
Response: 1439093048
Conc: 99.84 ng/ml




#41 AR-1268-1

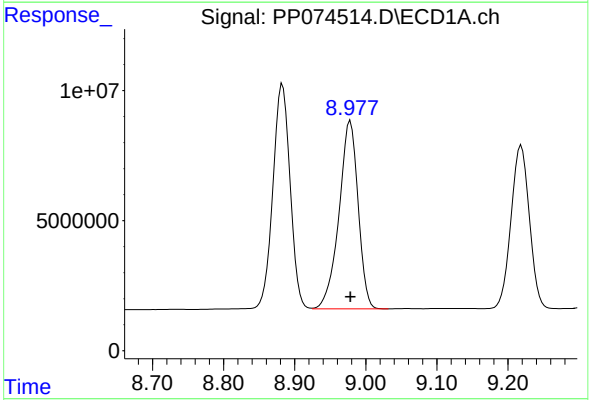
R.T.: 8.883 min
Delta R.T.: 0.000 min
Response: 145382221
Conc: 909.78 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC1000



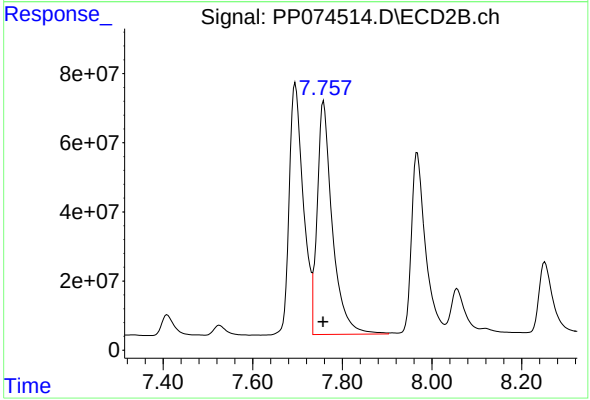

#41 AR-1268-1

R.T.: 7.695 min
Delta R.T.: 0.001 min
Response: 1582015639
Conc: 1022.75 ng/ml



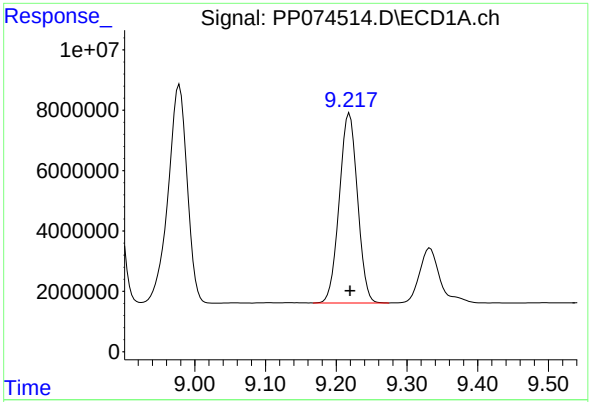

#42 AR-1268-2

R.T.: 8.978 min
Delta R.T.: 0.000 min
Response: 135128903
Conc: 913.23 ng/ml




#42 AR-1268-2

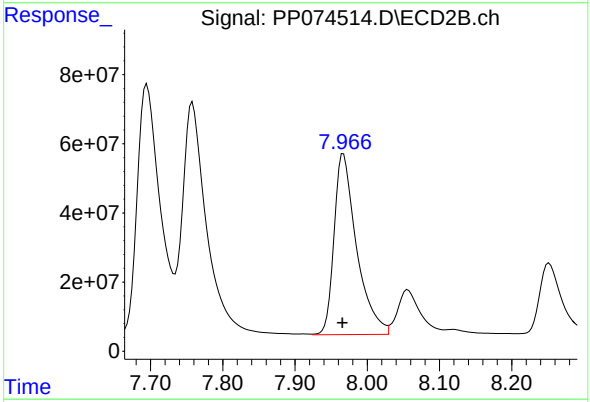
R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 1588231016
Conc: 1100.91 ng/ml




#43 AR-1268-3

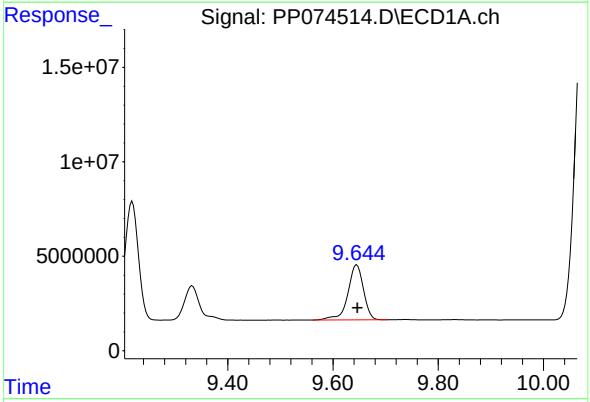
R.T.: 9.219 min
Delta R.T.: 0.000 min
Response: 112837949
Conc: 907.05 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC1000



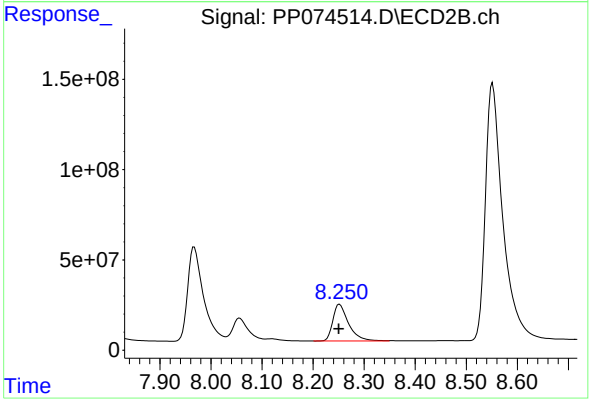

#43 AR-1268-3

R.T.: 7.967 min
Delta R.T.: 0.002 min
Response: 1131064358
Conc: 1006.49 ng/ml



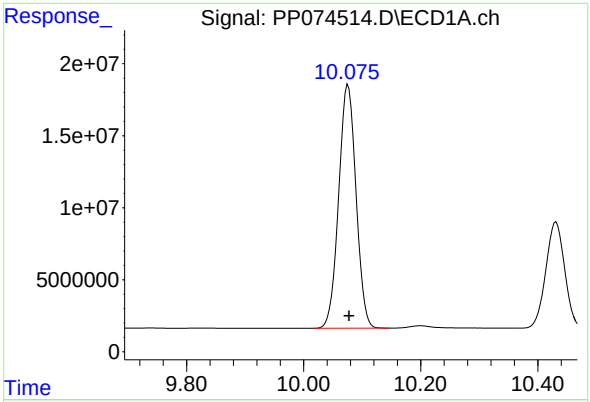

#44 AR-1268-4

R.T.: 9.645 min
Delta R.T.: -0.001 min
Response: 60062429
Conc: 868.13 ng/ml




#44 AR-1268-4

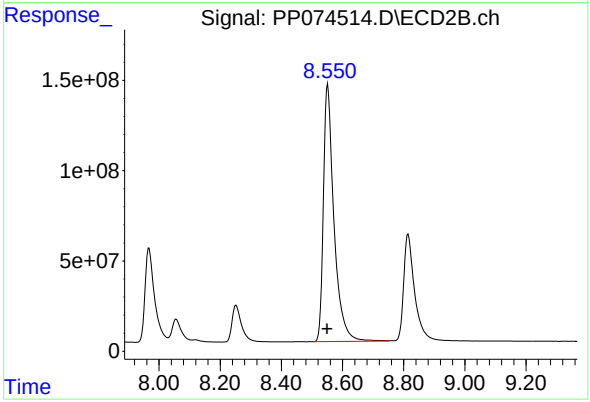
R.T.: 8.252 min
Delta R.T.: 0.002 min
Response: 433982459
Conc: 1045.49 ng/ml




#45 AR-1268-5

R.T.: 10.076 min
Delta R.T.: -0.002 min
Response: 347935374
Conc: 934.64 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC1000




#45 AR-1268-5

R.T.: 8.552 min
Delta R.T.: 0.002 min
Response: 3414138804
Conc: 998.03 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074515.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:47
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: Aug 20 05:48:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.659 | 3.803 | 87209689 | 376.1E6 | 71.744 | 76.172 |
| 2) | SA Decachlor... | 10.437 | 8.818 | 126.4E6 | 1059.1E6 | 69.561 | 73.481 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.888 | 7.698 | 111.9E6 | 1066.9E6 | 700.520 | 689.766 |
| 42) | L9 AR-1268-2 | 8.983 | 7.761 | 103.7E6 | 1072.4E6 | 701.017 | 743.340 |
| 43) | L9 AR-1268-3 | 9.223 | 7.969 | 86537530 | 825.2E6 | 695.631 | 734.299 |
| 44) | L9 AR-1268-4 | 9.651 | 8.255 | 46716461 | 313.2E6 | 675.230 | 754.576 |
| 45) | L9 AR-1268-5 | 10.082 | 8.554 | 264.3E6 | 2492.1E6 | 709.949 | 728.510 |

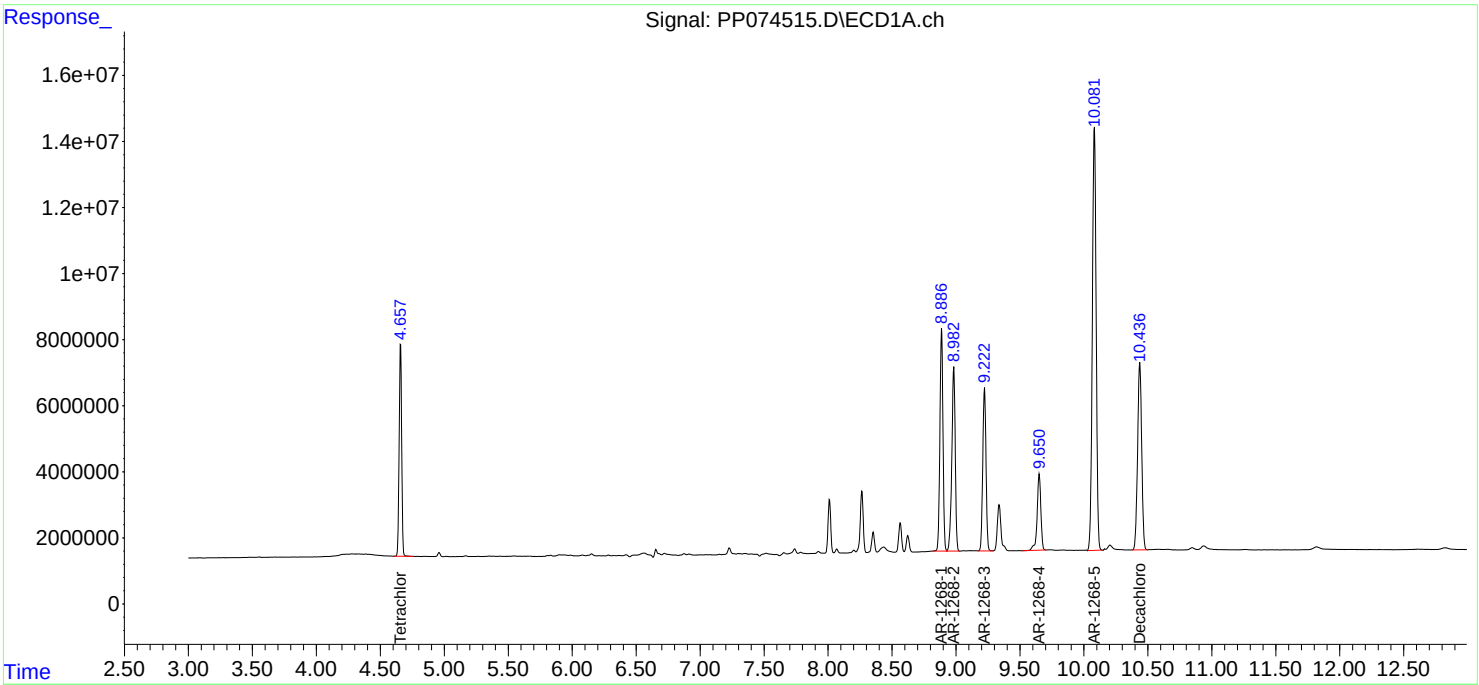
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

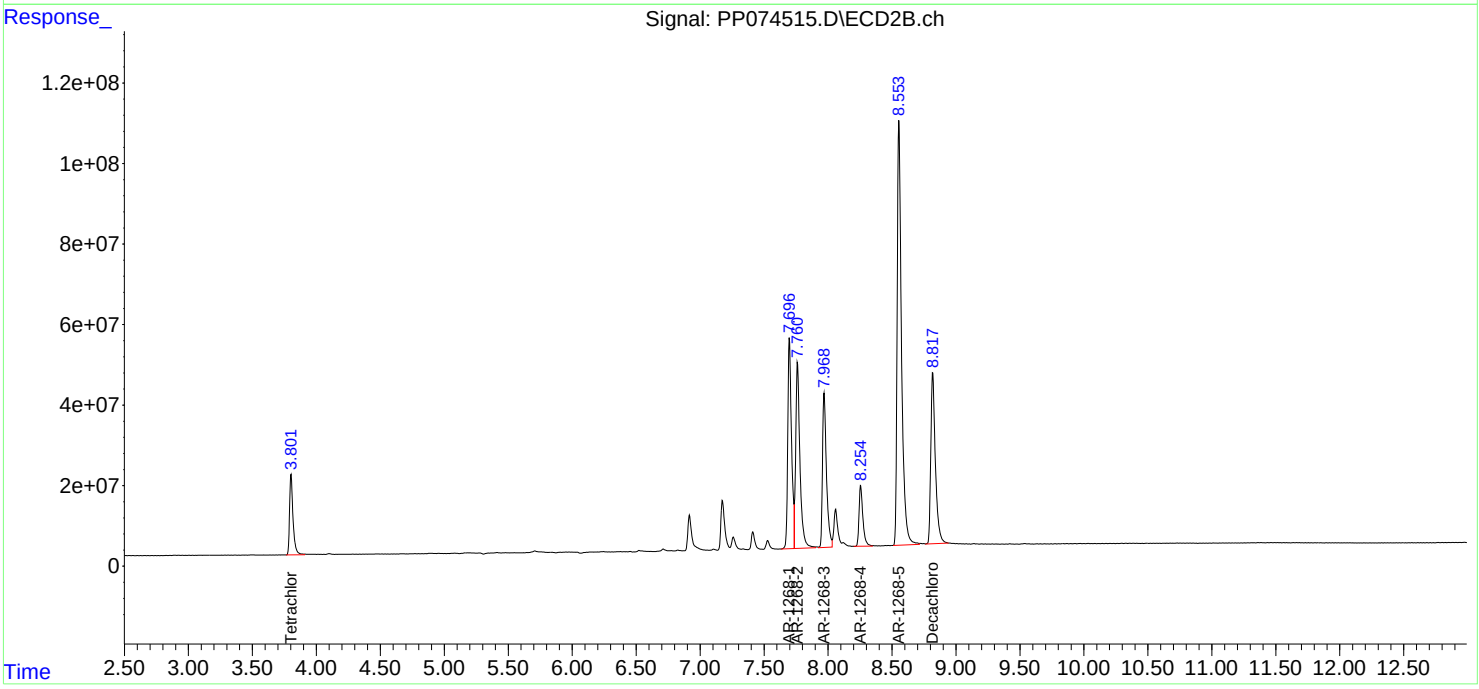
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074515.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:47
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

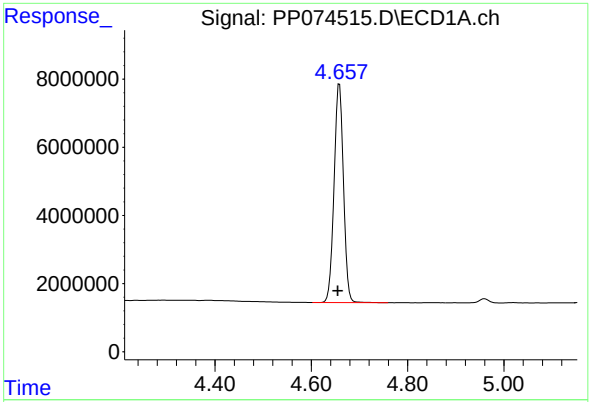
**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:48:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



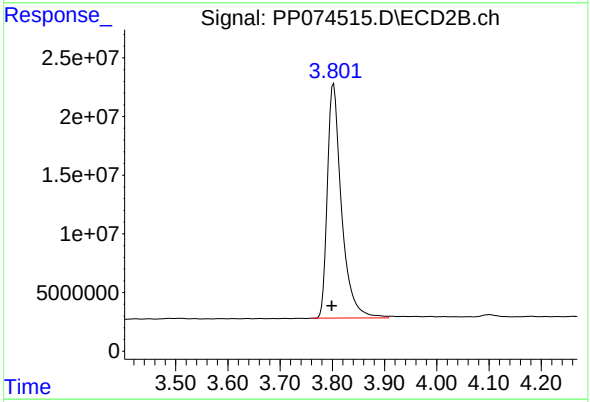






#1 Tetrachloro-m-xylene

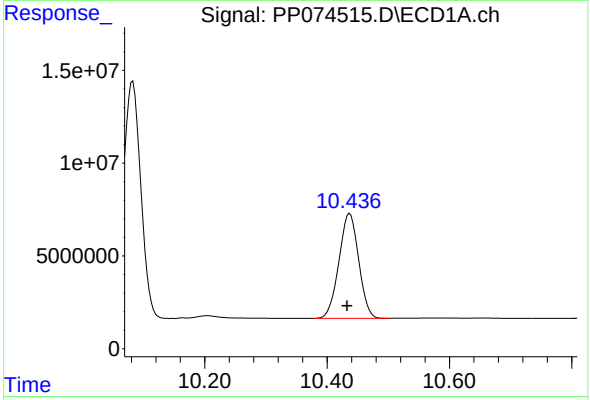
R.T.: 4.659 min
Delta R.T.: 0.004 min
Response: 87209689
Conc: 71.74 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC750



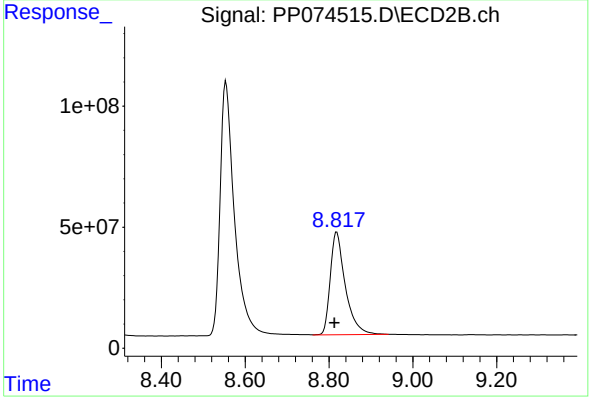

#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.003 min
Response: 376067516
Conc: 76.17 ng/ml



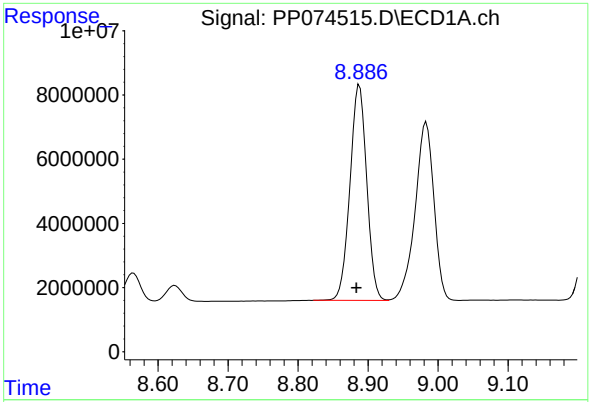

#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.004 min
Response: 126356605
Conc: 69.56 ng/ml




#2 Decachlorobiphenyl

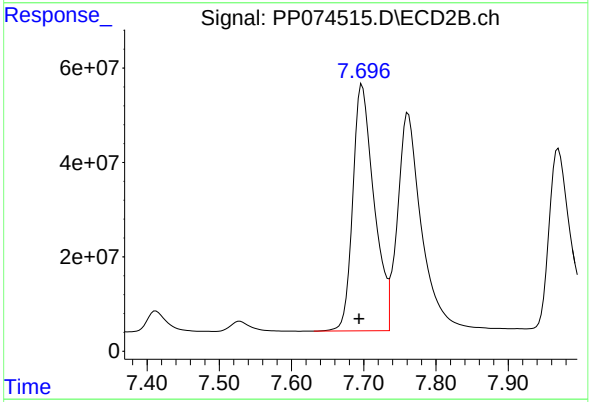
R.T.: 8.818 min
Delta R.T.: 0.005 min
Response: 1059102194
Conc: 73.48 ng/ml




#41 AR-1268-1

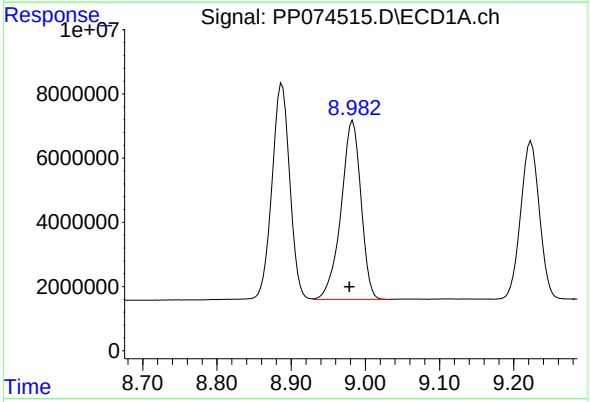
R.T.: 8.888 min
Delta R.T.: 0.004 min
Response: 111942396
Conc: 700.52 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC750



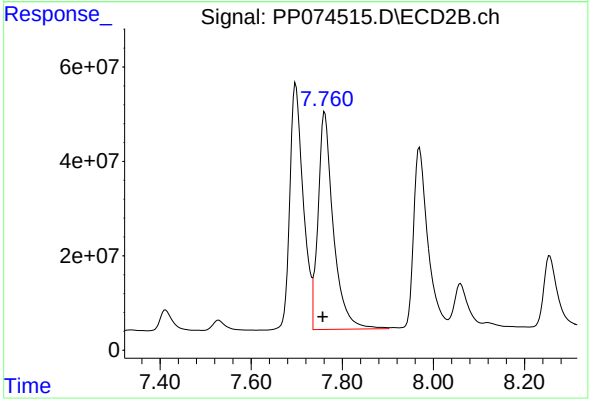

#41 AR-1268-1

R.T.: 7.698 min
Delta R.T.: 0.004 min
Response: 1066948747
Conc: 689.77 ng/ml



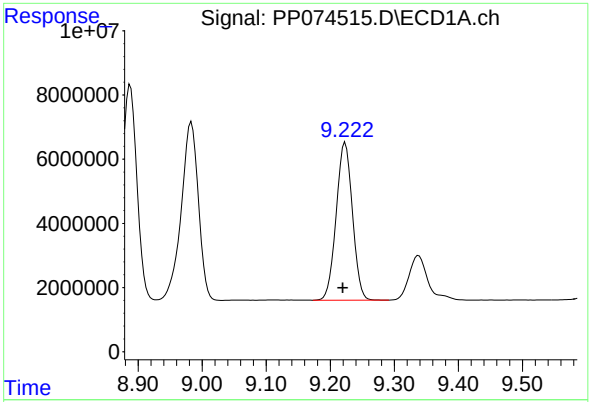

#42 AR-1268-2

R.T.: 8.983 min
Delta R.T.: 0.004 min
Response: 103728618
Conc: 701.02 ng/ml




#42 AR-1268-2

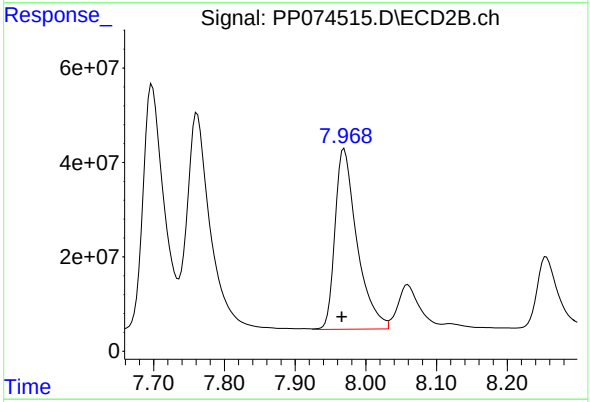
R.T.: 7.761 min
Delta R.T.: 0.004 min
Response: 1072380706
Conc: 743.34 ng/ml




#43 AR-1268-3

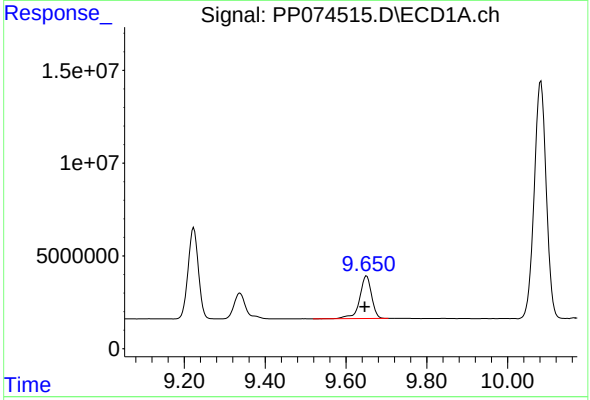
R.T.: 9.223 min
Delta R.T.: 0.004 min
Response: 86537530
Conc: 695.63 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC750



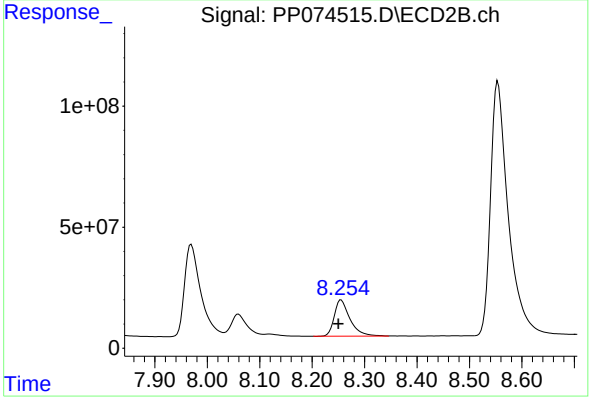

#43 AR-1268-3

R.T.: 7.969 min
Delta R.T.: 0.004 min
Response: 825185251
Conc: 734.30 ng/ml



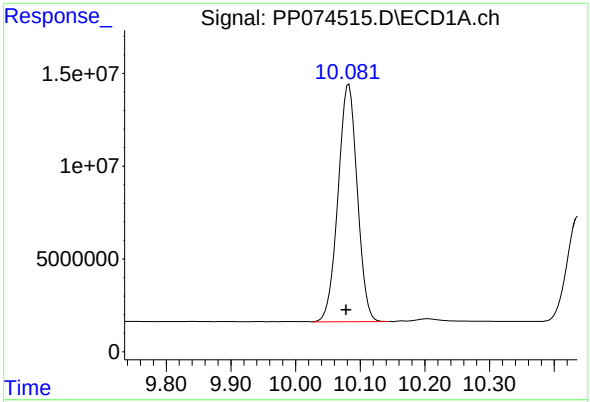

#44 AR-1268-4

R.T.: 9.651 min
Delta R.T.: 0.005 min
Response: 46716461
Conc: 675.23 ng/ml




#44 AR-1268-4

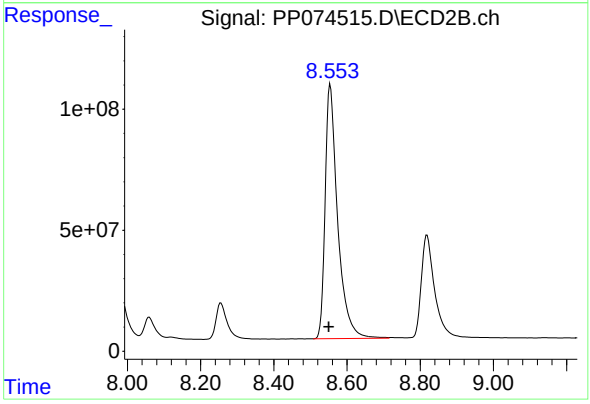
R.T.: 8.255 min
Delta R.T.: 0.005 min
Response: 313222898
Conc: 754.58 ng/ml




#45 AR-1268-5

R.T.: 10.082 min
Delta R.T.: 0.004 min
Response: 264290385
Conc: 709.95 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC750




#45 AR-1268-5

R.T.: 8.554 min
Delta R.T.: 0.004 min
Response: 2492147569
Conc: 728.51 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074516.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:03
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: Aug 20 05:48:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.655 | 3.799 | 60777964 | 246.9E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.433 | 8.813 | 90824753 | 720.7E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.884 | 7.694 | 79899530 | 773.4E6 | 500.000 | 500.000 |
| 42) | L9 AR-1268-2 | 8.979 | 7.757 | 73984387 | 721.3E6 | 500.000 | 500.000 |
| 43) | L9 AR-1268-3 | 9.219 | 7.966 | 62200769 | 561.9E6 | 500.000 | 500.000 |
| 44) | L9 AR-1268-4 | 9.646 | 8.250 | 34592983 | 207.5E6 | 500.000 | 500.000 |
| 45) | L9 AR-1268-5 | 10.078 | 8.550 | 186.1E6 | 1710.4E6 | 500.000 | 500.000 |

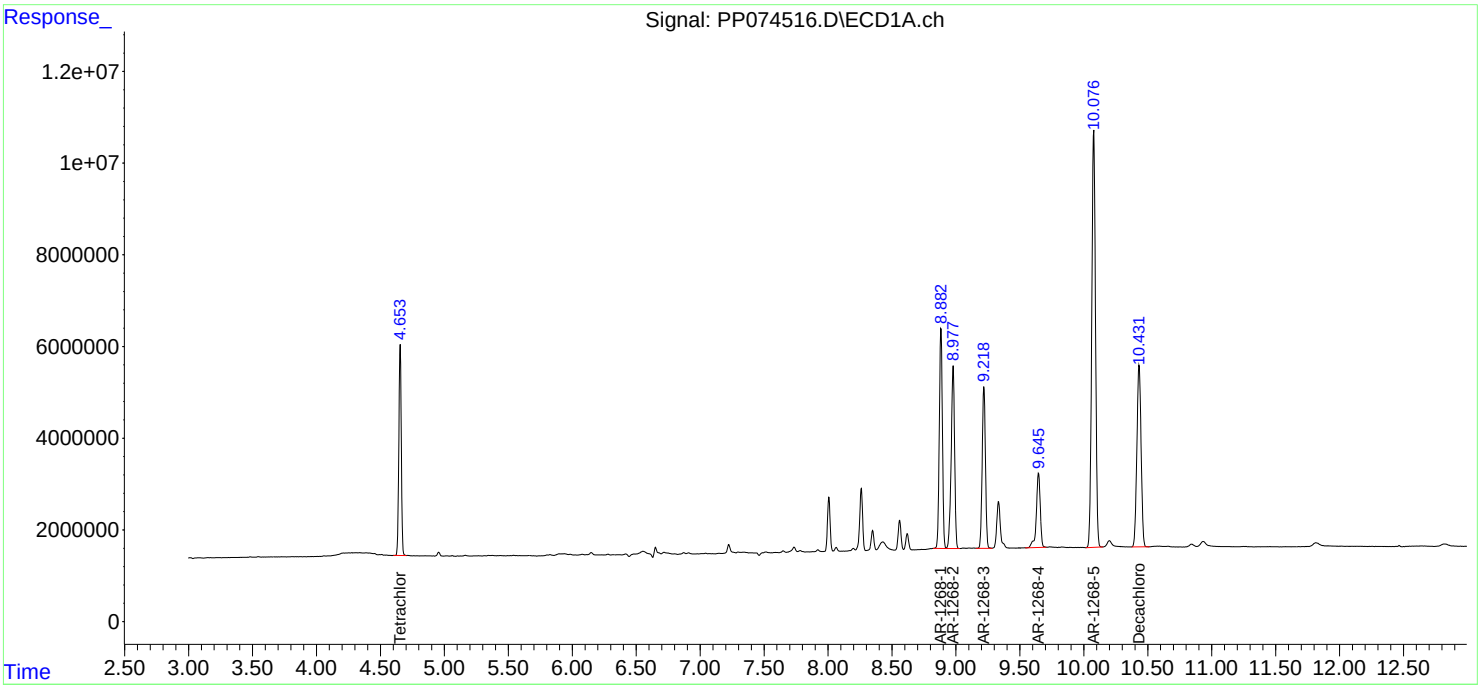
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

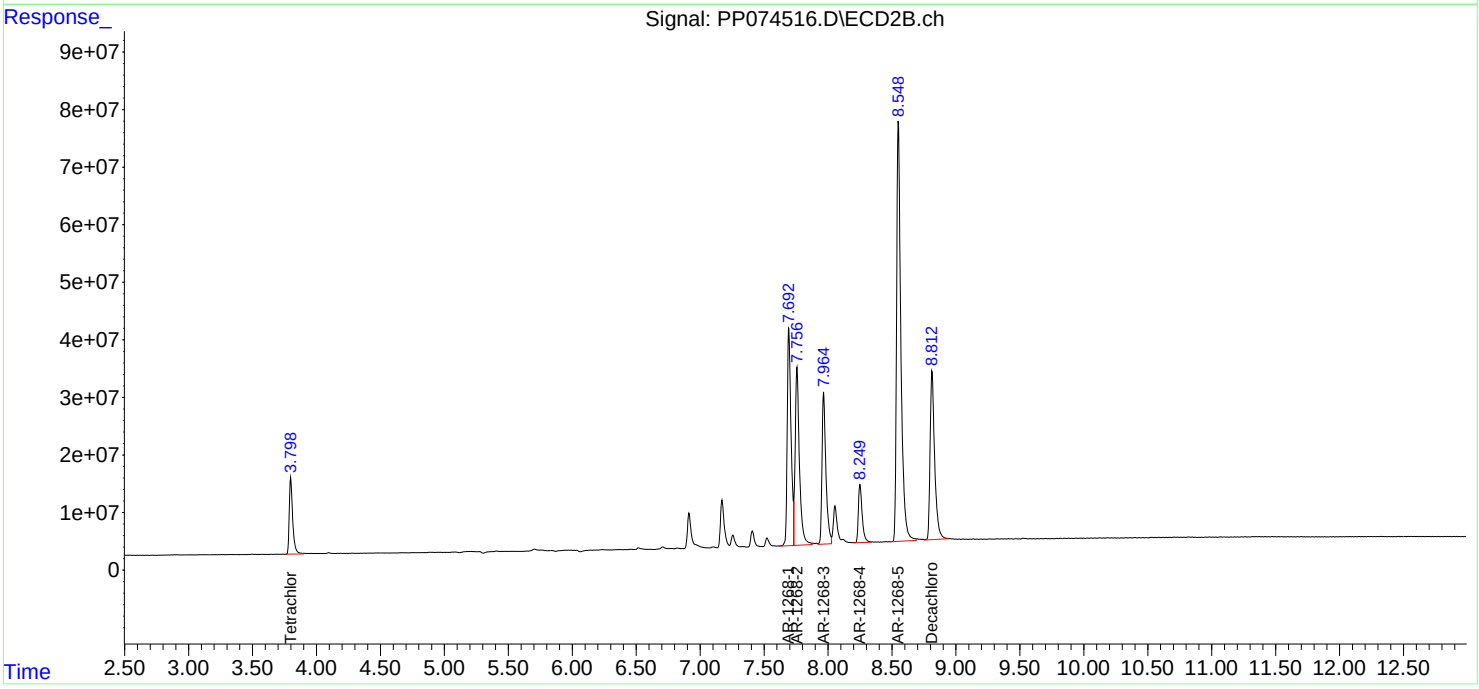
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074516.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:03
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

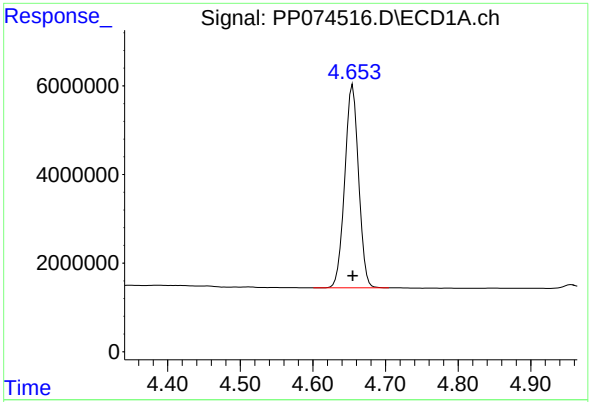
**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:48:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



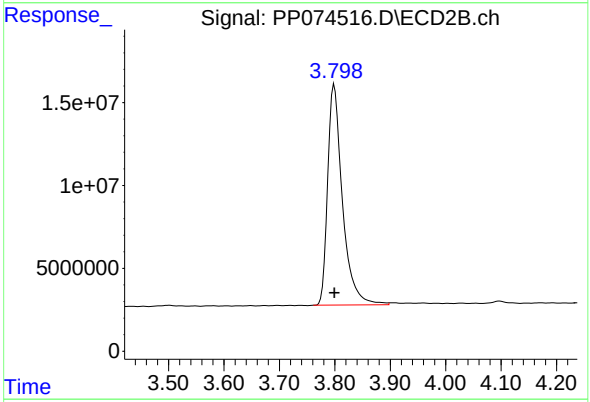






#1 Tetrachloro-m-xylene

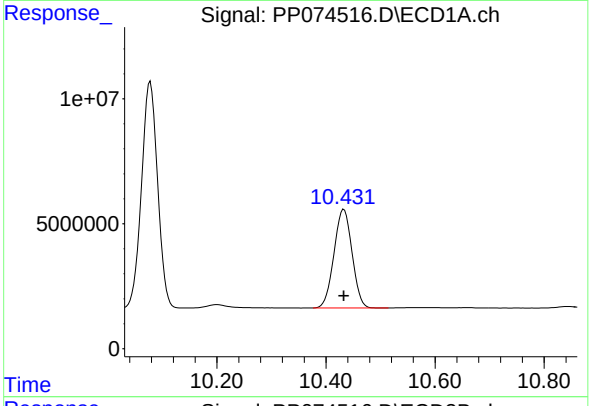
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 60777964
Conc: 50.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC500



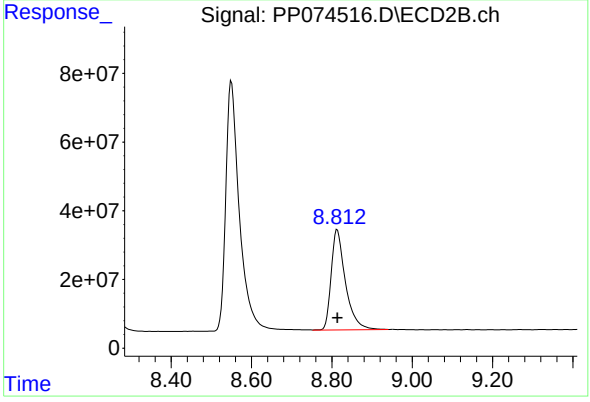

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 246854130
Conc: 50.00 ng/ml



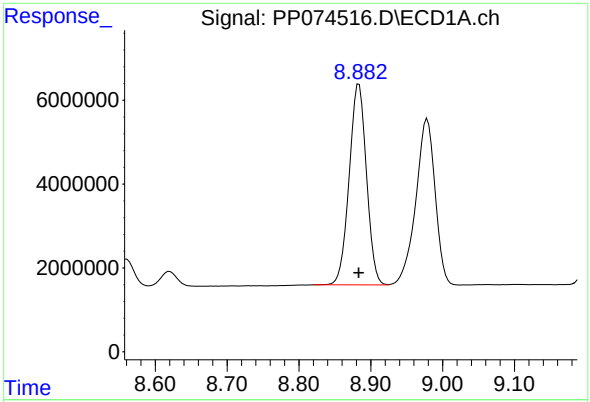

#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 90824753
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

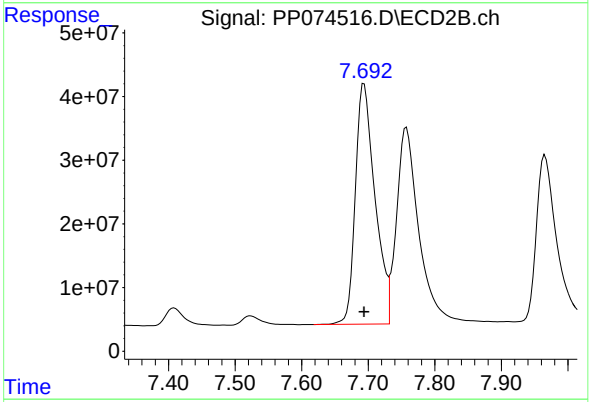
R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 720667018
Conc: 50.00 ng/ml




#41 AR-1268-1

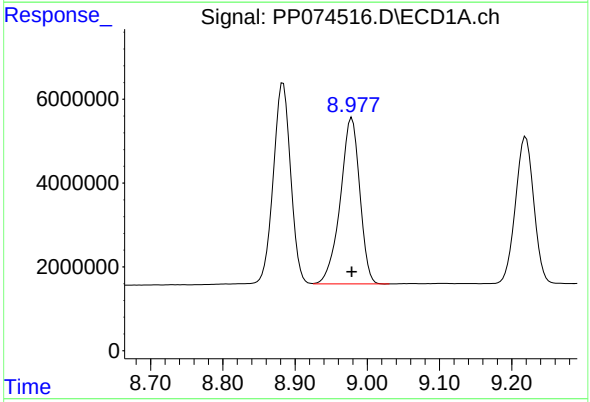
R.T.: 8.884 min
Delta R.T.: 0.000 min
Response: 79899530
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC500



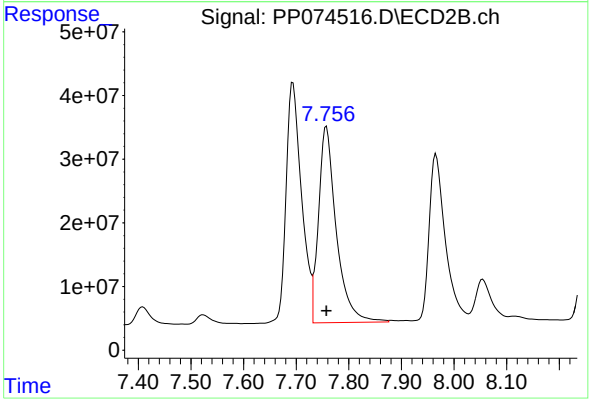

#41 AR-1268-1

R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 773413258
Conc: 500.00 ng/ml



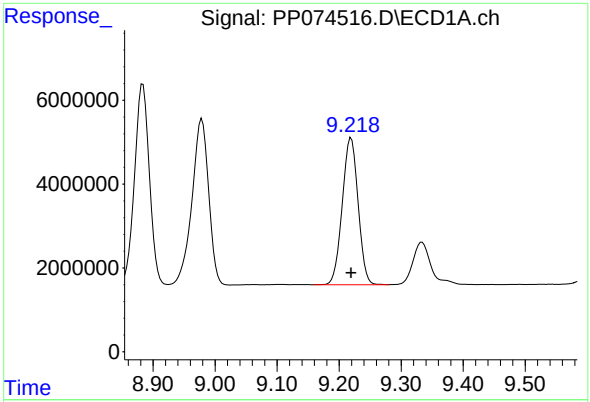

#42 AR-1268-2

R.T.: 8.979 min
Delta R.T.: 0.000 min
Response: 73984387
Conc: 500.00 ng/ml




#42 AR-1268-2

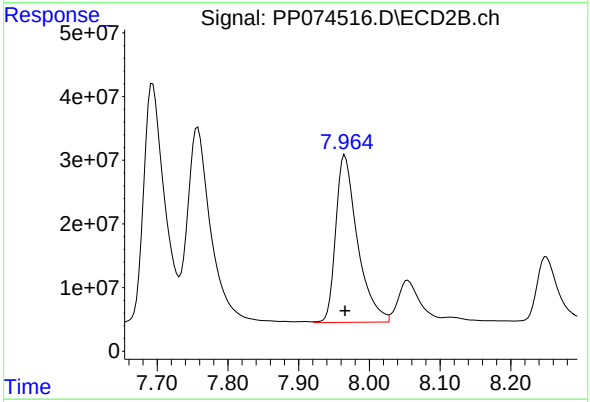
R.T.: 7.757 min
Delta R.T.: 0.000 min
Response: 721325993
Conc: 500.00 ng/ml




#43 AR-1268-3

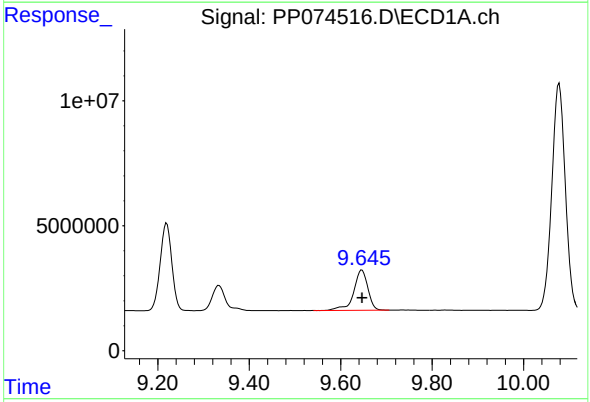
R.T.: 9.219 min
Delta R.T.: 0.000 min
Response: 62200769
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC500



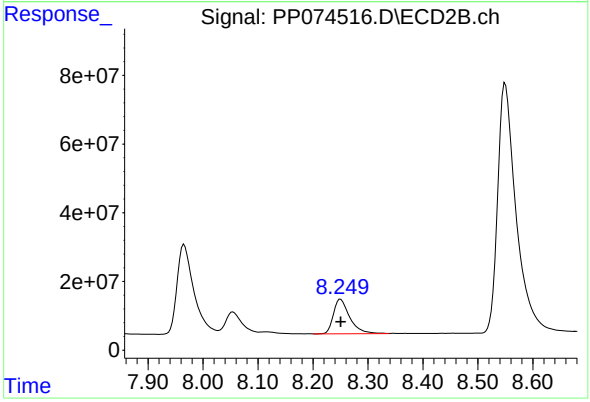

#43 AR-1268-3

R.T.: 7.966 min
Delta R.T.: 0.000 min
Response: 561886764
Conc: 500.00 ng/ml



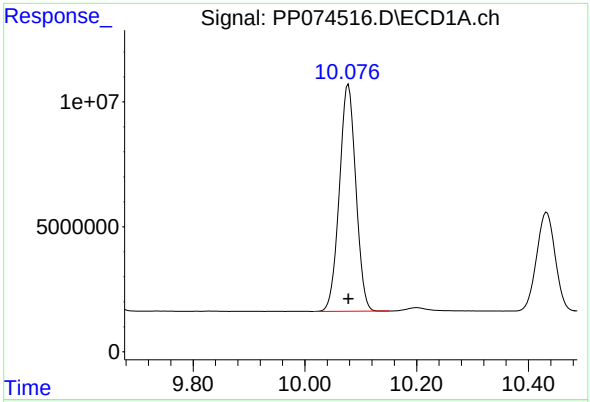

#44 AR-1268-4

R.T.: 9.646 min
Delta R.T.: 0.000 min
Response: 34592983
Conc: 500.00 ng/ml




#44 AR-1268-4

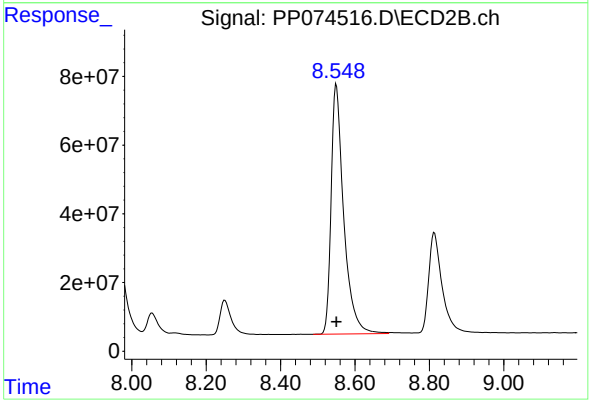
R.T.: 8.250 min
Delta R.T.: 0.000 min
Response: 207548974
Conc: 500.00 ng/ml




#45 AR-1268-5

R.T.: 10.078 min
Delta R.T.: 0.000 min
Response: 186133357
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC500




#45 AR-1268-5

R.T.: 8.550 min
Delta R.T.: 0.000 min
Response: 1710440454
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:19
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: Aug 20 05:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.660 | 3.803 | 32326809 | 120.4E6 | 26.594 | 24.385 |
| 2) | SA Decachlor... | 10.437 | 8.818 | 49221283 | 358.0E6 | 27.097 | 24.836 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.888 | 7.699 | 43809566 | 363.3E6 | 274.154 | 234.894 |
| 42) | L9 AR-1268-2 | 8.984 | 7.761 | 40268123 | 353.3E6 | 272.139 | 244.915 |
| 43) | L9 AR-1268-3 | 9.223 | 7.970 | 33730438 | 269.3E6 | 271.142 | 239.682 |
| 44) | L9 AR-1268-4 | 9.651 | 8.254 | 18081868 | 98406918 | 261.352 | 237.069 |
| 45) | L9 AR-1268-5 | 10.082 | 8.554 | 99244212 | 825.3E6 | 266.594 | 241.244 |

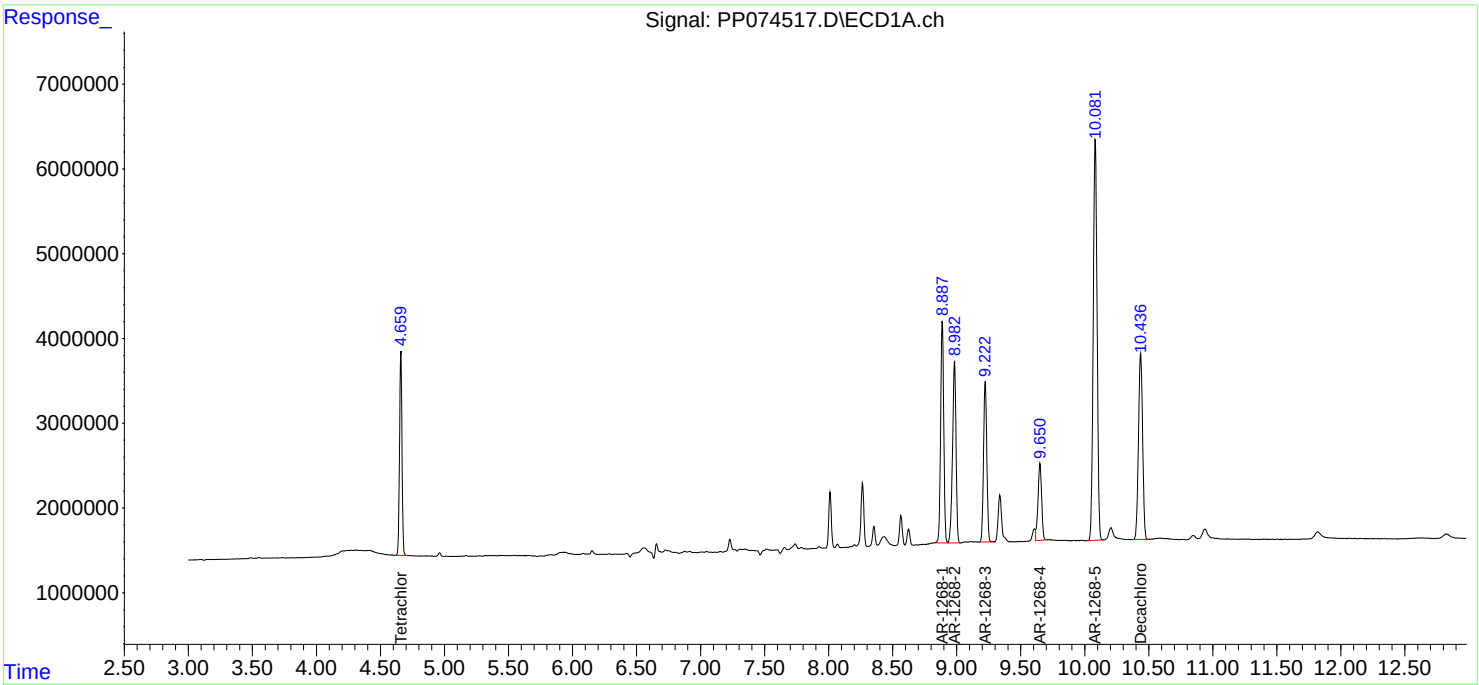
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

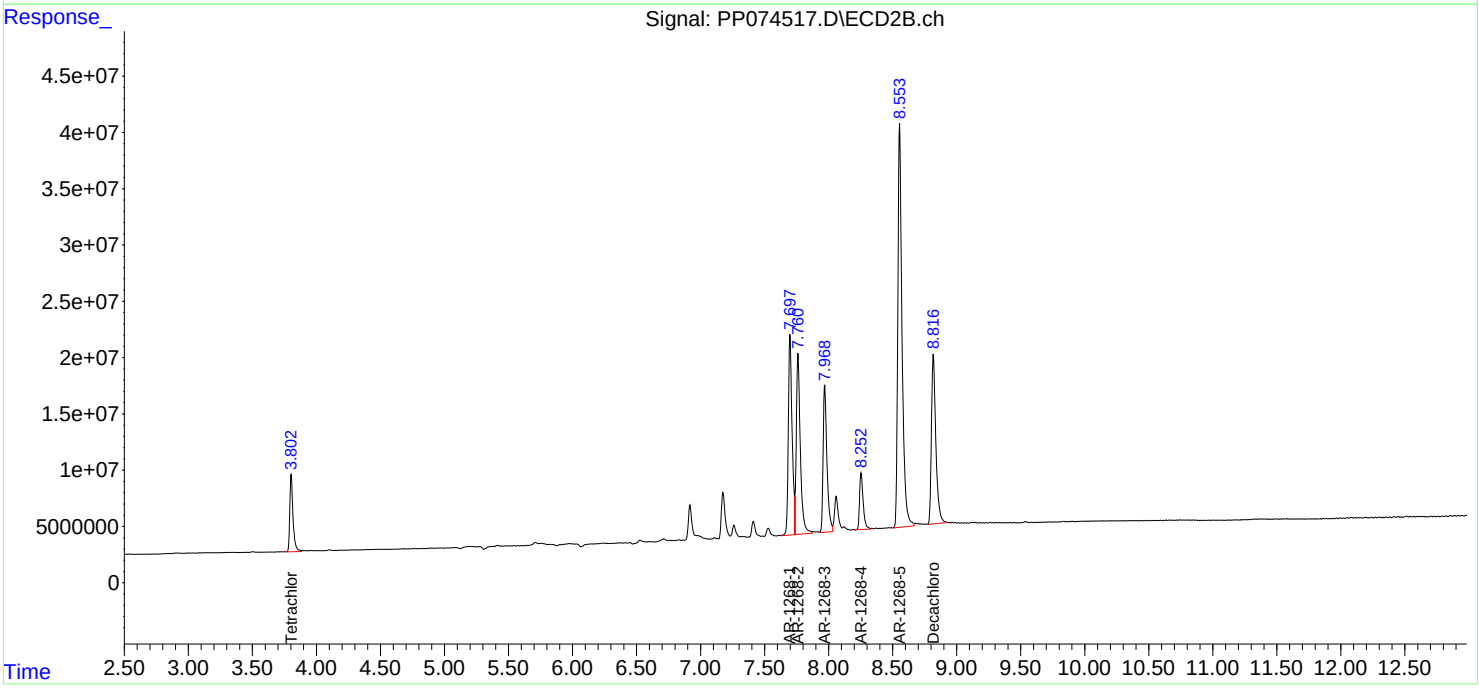
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:19
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

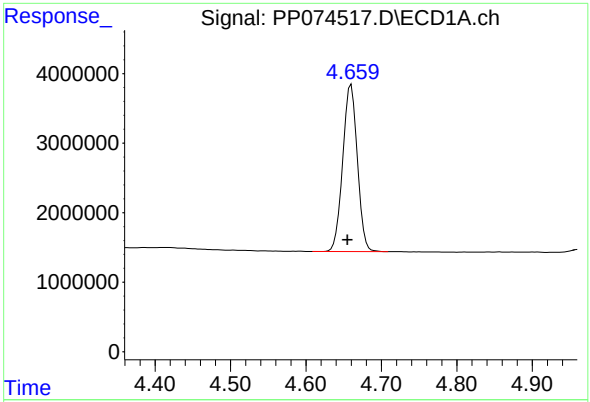
**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



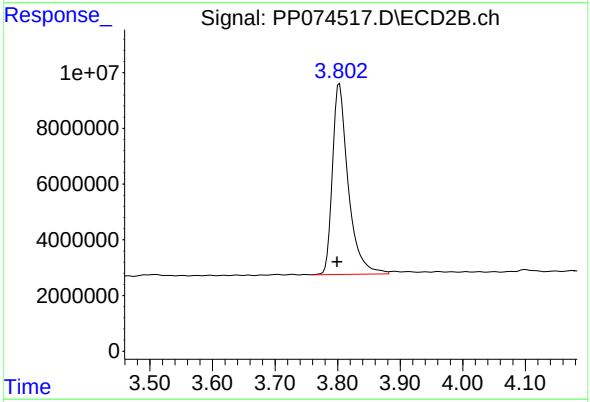






#1 Tetrachloro-m-xylene

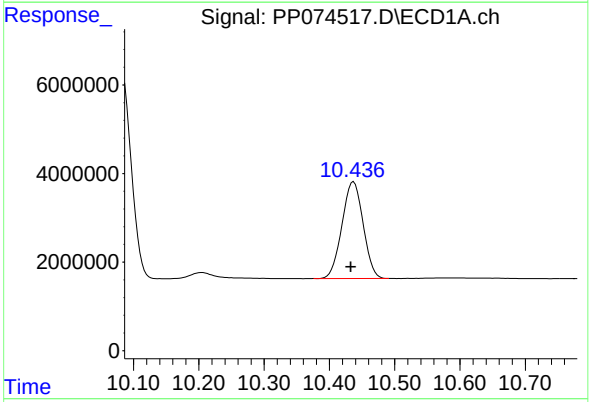
R.T.: 4.660 min
Delta R.T.: 0.005 min
Response: 32326809
Conc: 26.59 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC250



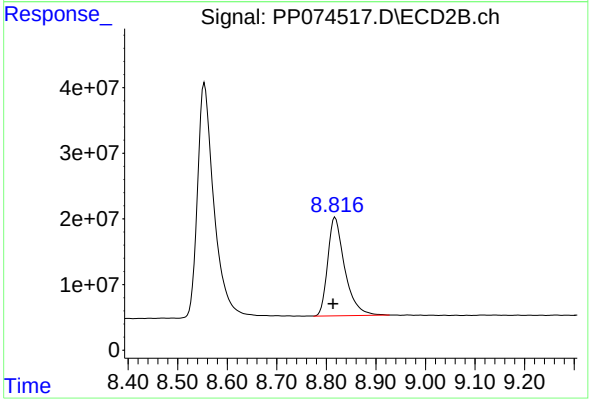

#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.004 min
Response: 120389060
Conc: 24.38 ng/ml



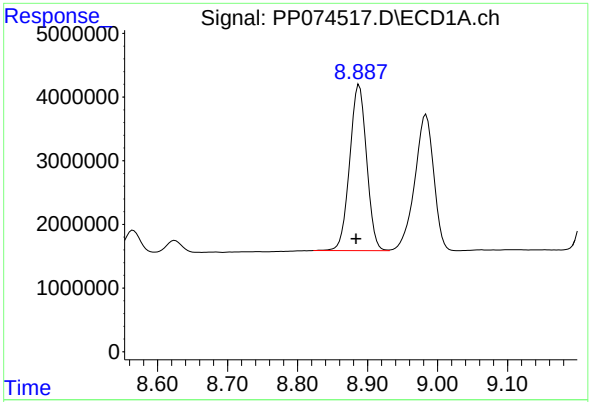

#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.004 min
Response: 49221283
Conc: 27.10 ng/ml




#2 Decachlorobiphenyl

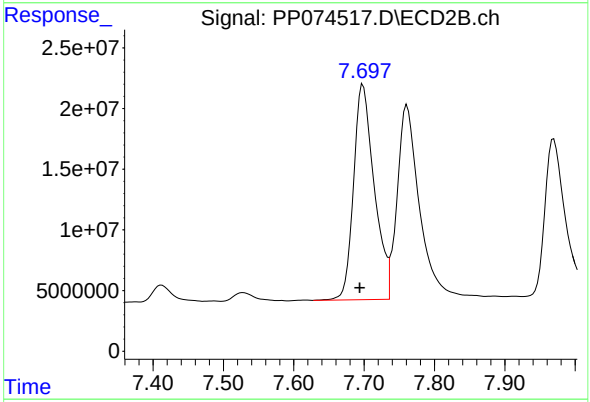
R.T.: 8.818 min
Delta R.T.: 0.004 min
Response: 357966979
Conc: 24.84 ng/ml




#41 AR-1268-1

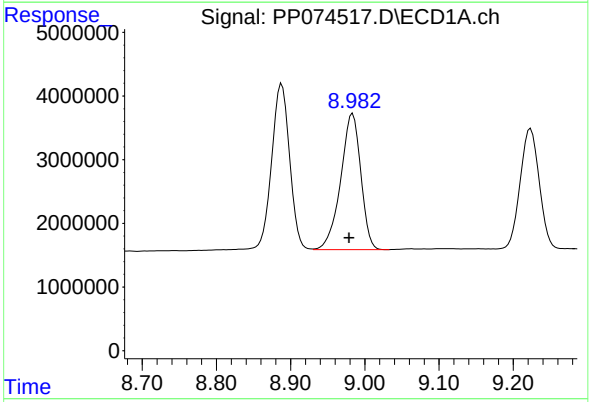
R.T.: 8.888 min
Delta R.T.: 0.005 min
Response: 43809566
Conc: 274.15 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC250



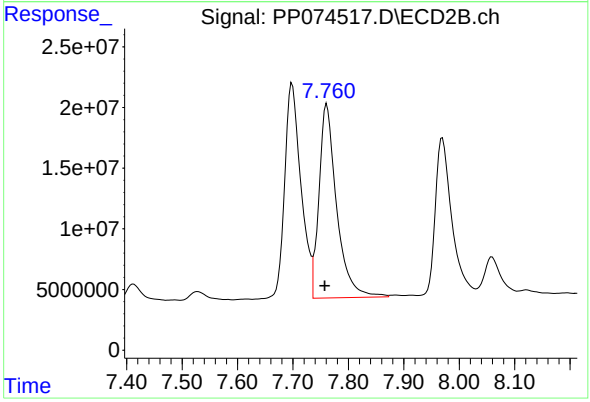

#41 AR-1268-1

R.T.: 7.699 min
Delta R.T.: 0.005 min
Response: 363340717
Conc: 234.89 ng/ml



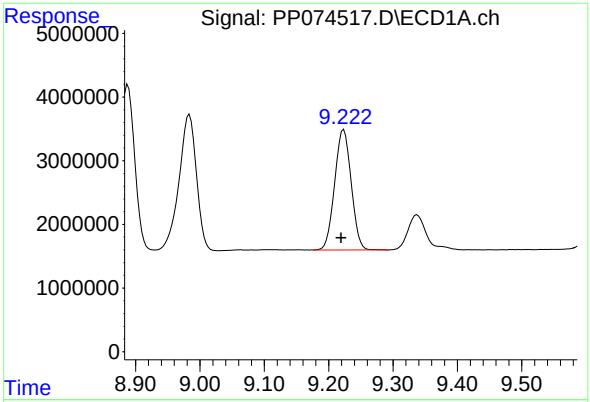

#42 AR-1268-2

R.T.: 8.984 min
Delta R.T.: 0.005 min
Response: 40268123
Conc: 272.14 ng/ml




#42 AR-1268-2

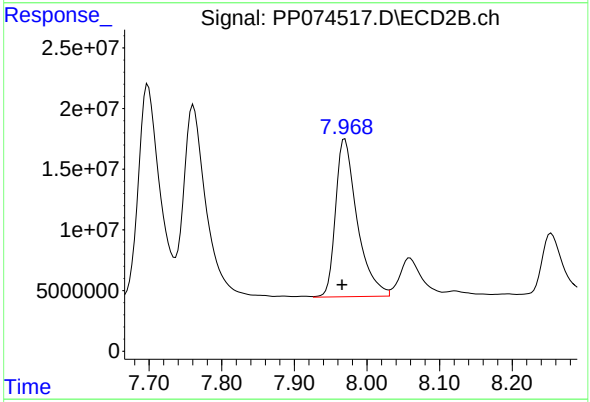
R.T.: 7.761 min
Delta R.T.: 0.003 min
Response: 353327141
Conc: 244.92 ng/ml




#43 AR-1268-3

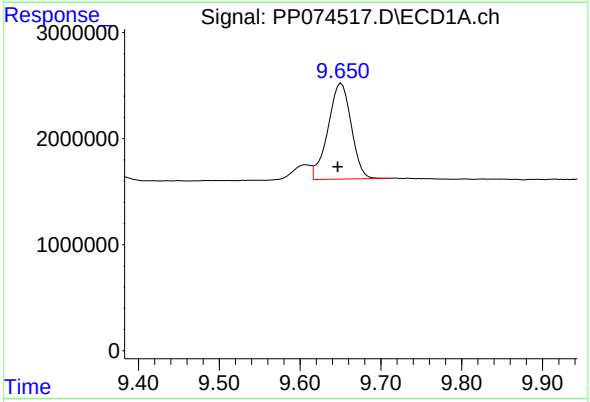
R.T.: 9.223 min
Delta R.T.: 0.004 min
Response: 33730438
Conc: 271.14 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC250



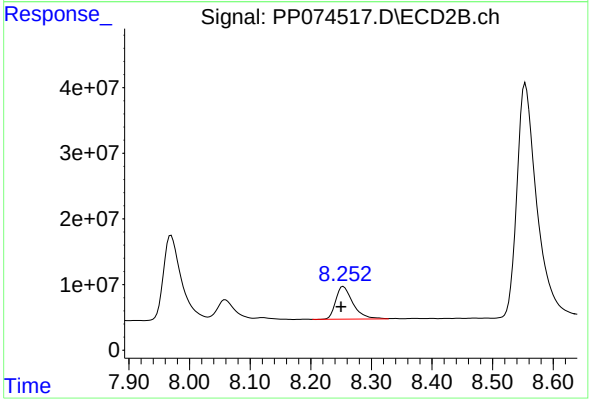

#43 AR-1268-3

R.T.: 7.970 min
Delta R.T.: 0.004 min
Response: 269348636
Conc: 239.68 ng/ml



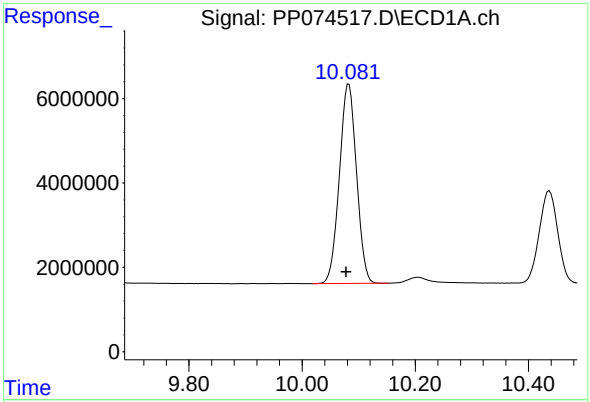

#44 AR-1268-4

R.T.: 9.651 min
Delta R.T.: 0.005 min
Response: 18081868
Conc: 261.35 ng/ml




#44 AR-1268-4

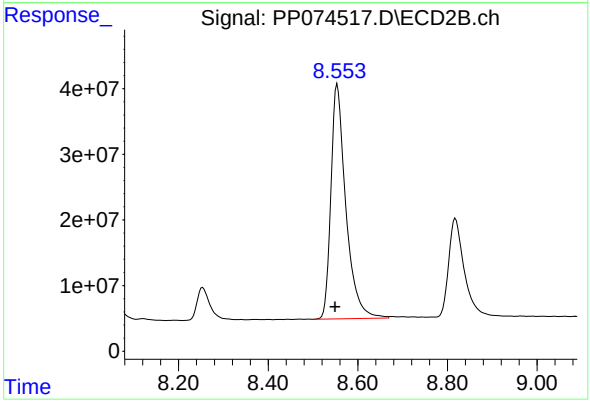
R.T.: 8.254 min
Delta R.T.: 0.004 min
Response: 98406918
Conc: 237.07 ng/ml




#45 AR-1268-5

R.T.: 10.082 min
Delta R.T.: 0.005 min
Response: 99244212
Conc: 266.59 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC250




#45 AR-1268-5

R.T.: 8.554 min
Delta R.T.: 0.004 min
Response: 825265667
Conc: 241.24 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:36
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.655 | 3.797 | 5929694 | 15207908 | 4.878 | 3.080m# |
| 2) | SA Decachlor... | 10.433 | 8.813 | 9232334 | 53747483 | 5.082 | 3.729 # |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.884 | 7.693 | 9026003 | 52383576 | 56.483 | 33.865 # |
| 42) | L9 AR-1268-2 | 8.980 | 7.756 | 7560556 | 47155232 | 51.096 | 32.686 # |
| 43) | L9 AR-1268-3 | 9.219 | 7.964 | 6519117 | 39184495 | 52.404 | 34.869 # |
| 44) | L9 AR-1268-4 | 9.647 | 8.250 | 3622509 | 12757141 | 52.359 | 30.733 # |
| 45) | L9 AR-1268-5 | 10.078 | 8.549 | 19064676 | 111.1E6 | 51.212 | 32.473 # |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:36
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

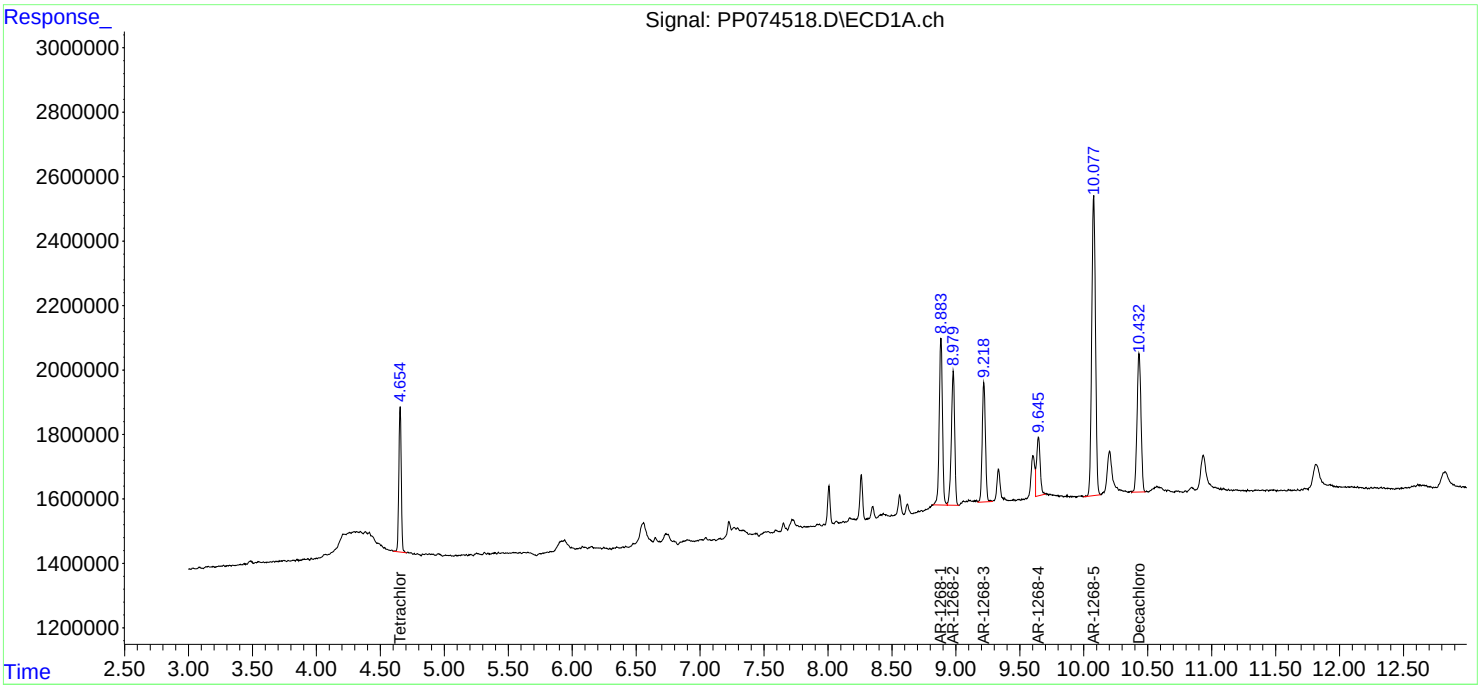
**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050

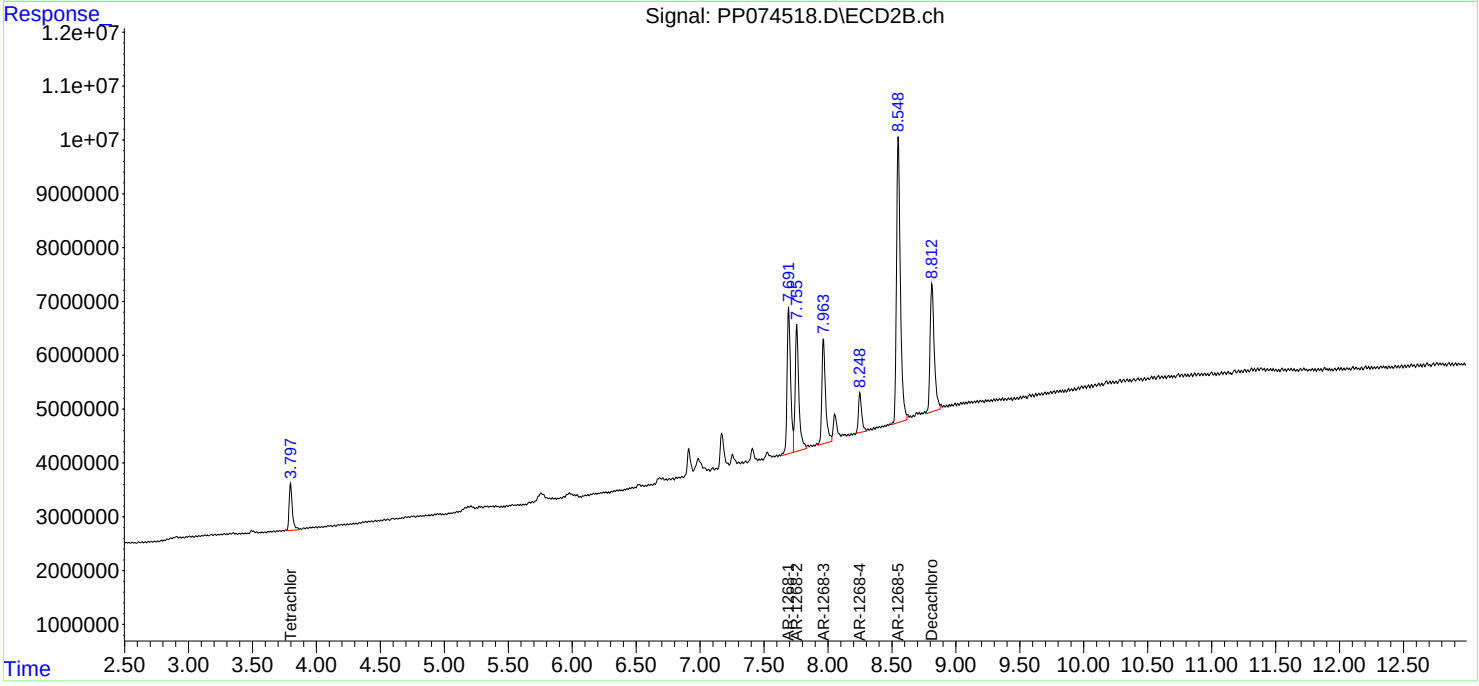
**Manual Integrations APPROVED**

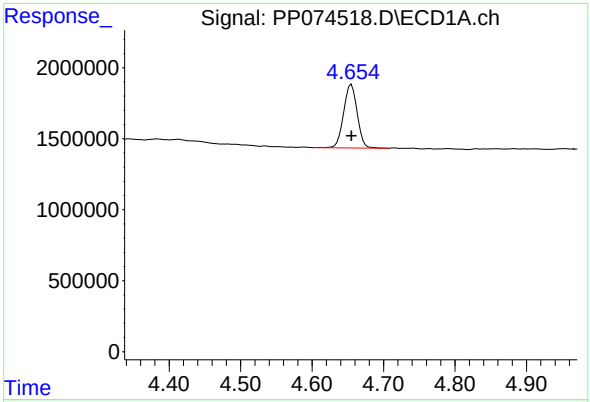
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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





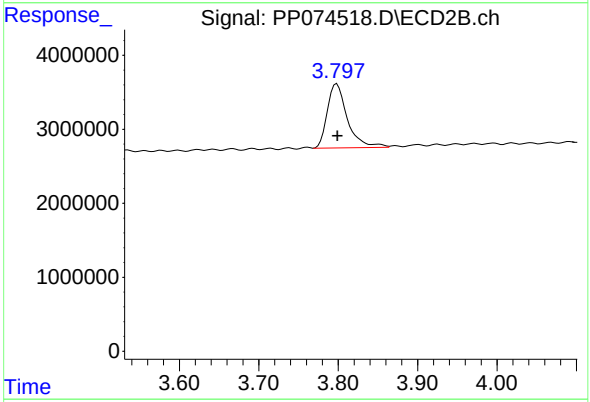

#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 5929694
Conc: 4.88 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050

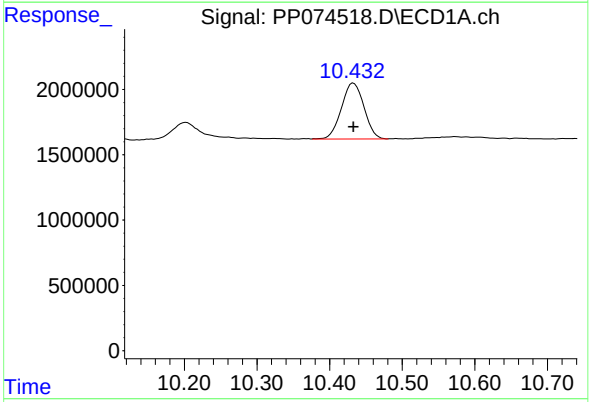
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



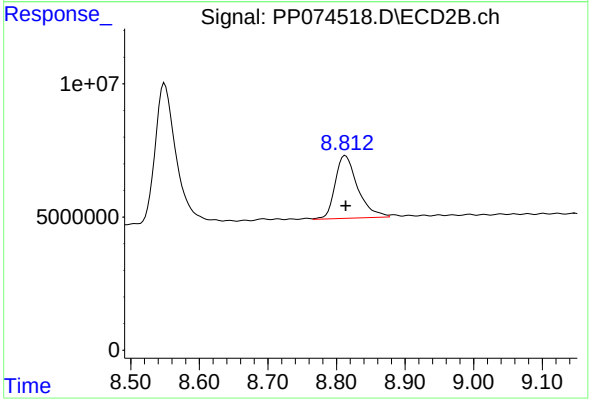

#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: -0.002 min
Response: 15207908
Conc: 3.08 ng/ml m



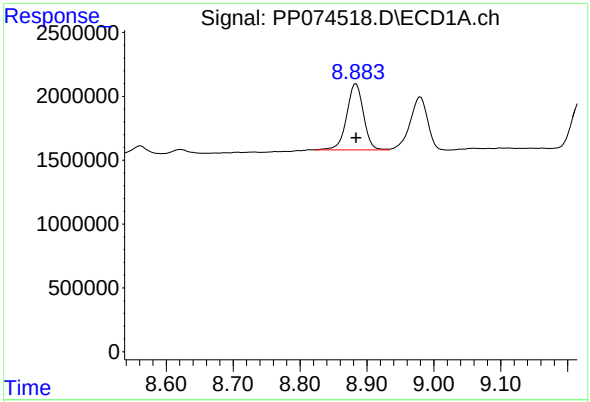

#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 9232334
Conc: 5.08 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 53747483
Conc: 3.73 ng/ml



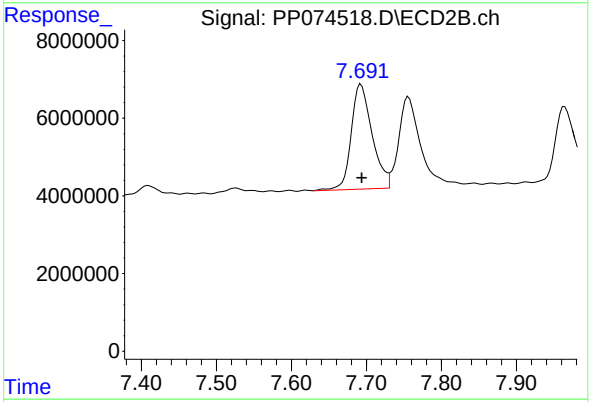

#41 AR-1268-1

R.T.: 8.884 min
Delta R.T.: 0.000 min
Response: 9026003
Conc: 56.48 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050

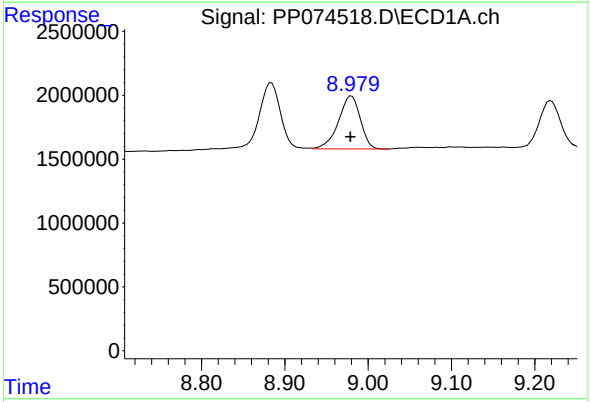
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



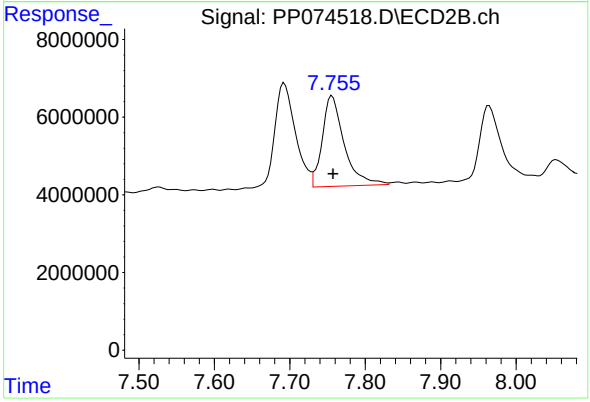

#41 AR-1268-1

R.T.: 7.693 min
Delta R.T.: -0.001 min
Response: 52383576
Conc: 33.87 ng/ml



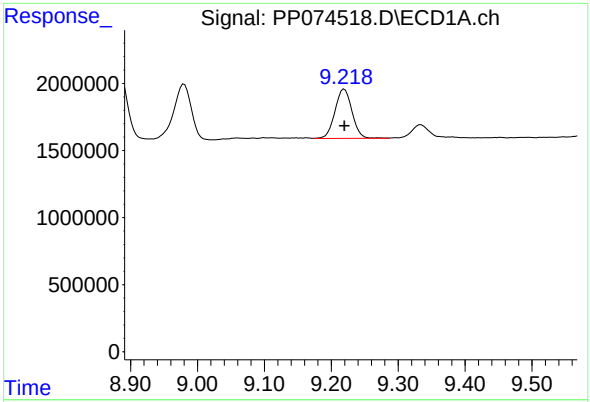

#42 AR-1268-2

R.T.: 8.980 min
Delta R.T.: 0.001 min
Response: 7560556
Conc: 51.10 ng/ml




#42 AR-1268-2

R.T.: 7.756 min
Delta R.T.: -0.001 min
Response: 47155232
Conc: 32.69 ng/ml



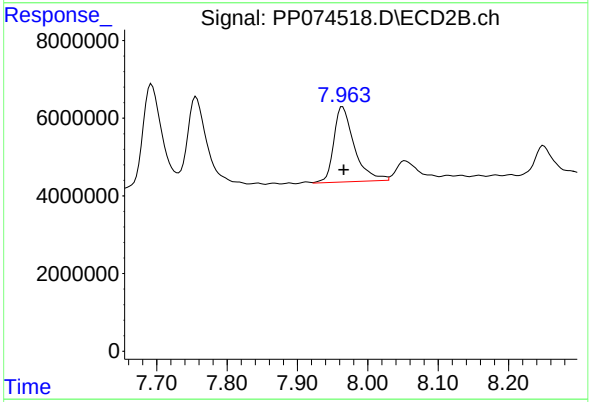

#43 AR-1268-3

R.T.: 9.219 min
Delta R.T.: 0.000 min
Response: 6519117
Conc: 52.40 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050

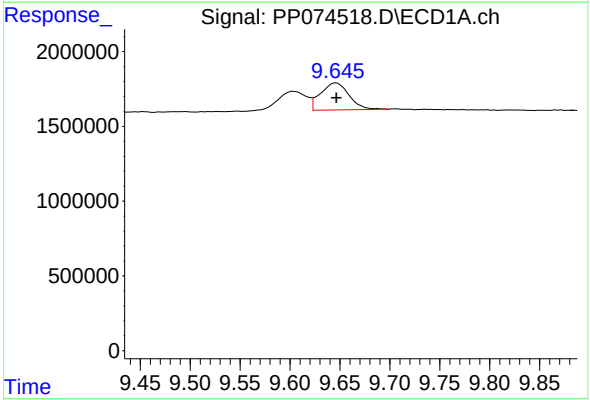
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



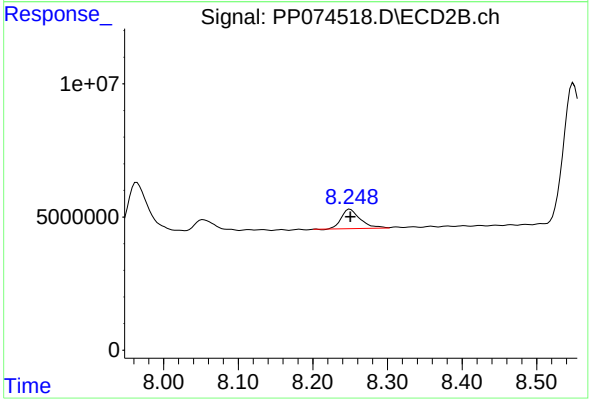

#43 AR-1268-3

R.T.: 7.964 min
Delta R.T.: -0.001 min
Response: 39184495
Conc: 34.87 ng/ml



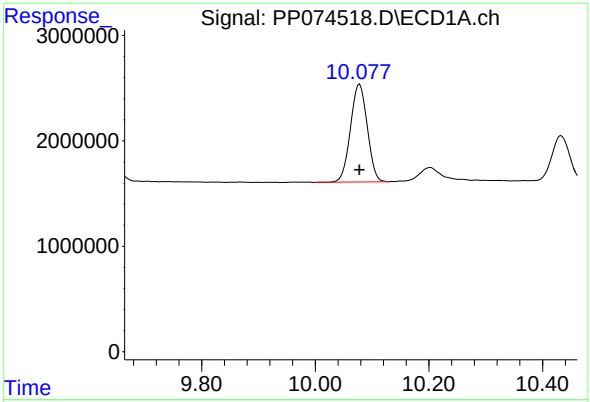

#44 AR-1268-4

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 3622509
Conc: 52.36 ng/ml




#44 AR-1268-4

R.T.: 8.250 min
Delta R.T.: 0.000 min
Response: 12757141
Conc: 30.73 ng/ml



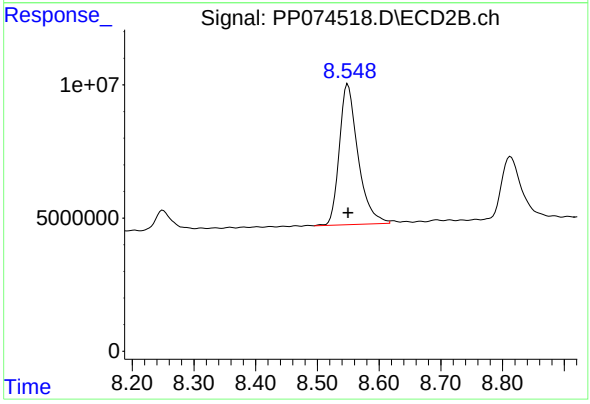

#45 AR-1268-5

R.T.: 10.078 min
Delta R.T.: 0.000 min
Response: 19064676
Conc: 51.21 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#45 AR-1268-5

R.T.: 8.549 min
Delta R.T.: 0.000 min
Response: 111087591
Conc: 32.47 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074519.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:52
Operator : YP\AJ
Sample : PP081925ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:23:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.658 | 3.802 | 56842653 | 228.5E6 | 46.452 | 47.259 |
| 2) | SA Decachlor... | 10.435 | 8.817 | 50219148 | 360.9E6 | 50.854 | 48.127 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.809 | 4.901 | 20384085 | 238.3E6 | 462.341 | 467.803 |
| 4) | L1 AR-1016-2 | 5.830 | 4.960 | 30649421 | 113.5E6 | 487.725 | 476.718 |
| 5) | L1 AR-1016-3 | 5.893 | 5.079 | 20869297 | 64619014 | 464.651 | 468.581 |
| 6) | L1 AR-1016-4 | 5.990 | 5.121 | 17006846 | 64496987 | 483.399 | 461.341 |
| 7) | L1 AR-1016-5 | 6.283 | 5.335 | 16393488 | 71417891 | 493.987 | 430.012 |
| 31) | L7 AR-1260-1 | 7.400 | 6.365 | 27587306 | 174.2E6 | 477.210 | 464.246 |
| 32) | L7 AR-1260-2 | 7.652 | 6.551 | 32691813 | 240.4E6 | 474.362 | 454.622 |
| 33) | L7 AR-1260-3 | 8.011 | 6.705 | 26067073 | 184.7E6 | 502.398 | 426.529 |
| 34) | L7 AR-1260-4 | 8.239 | 7.174 | 30945462 | 184.5E6 | 485.094 | 483.638 |
| 35) | L7 AR-1260-5 | 8.564 | 7.414 | 54844125 | 472.4E6 | 483.583 | 470.272 |

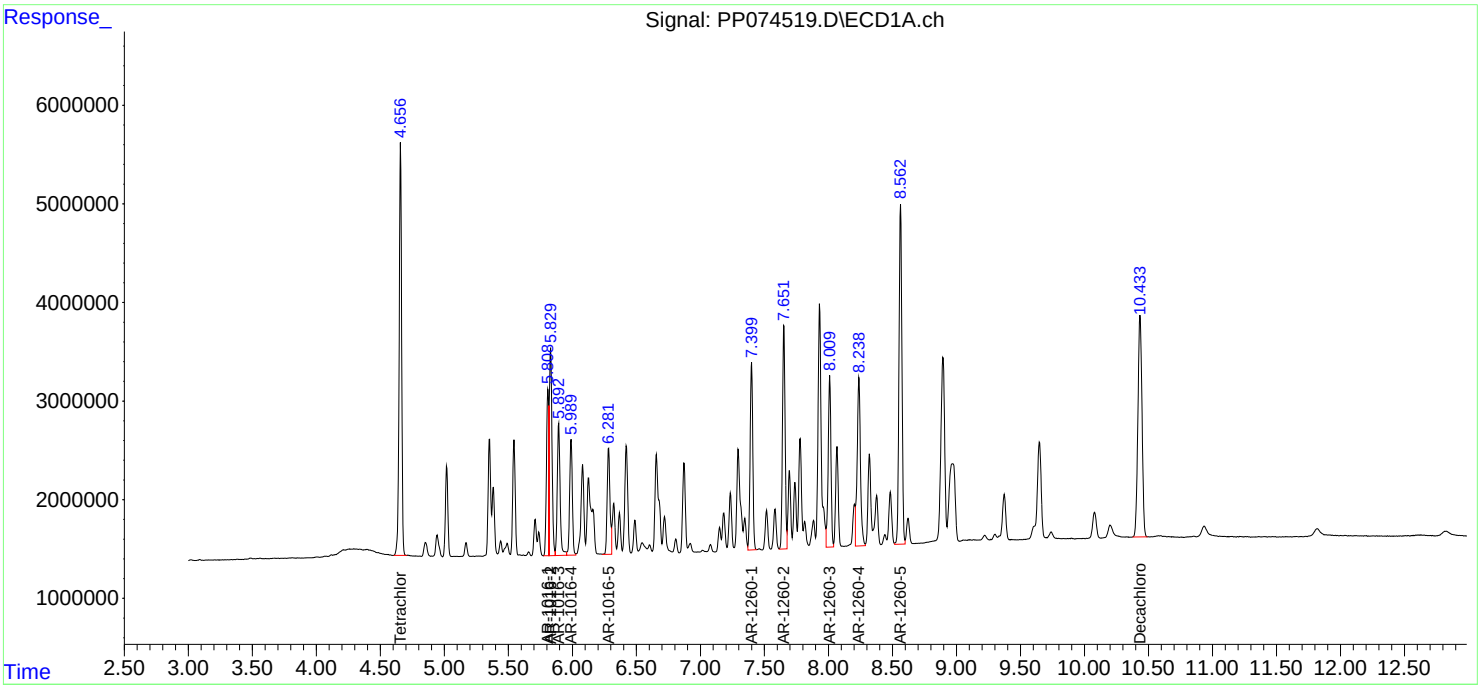
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

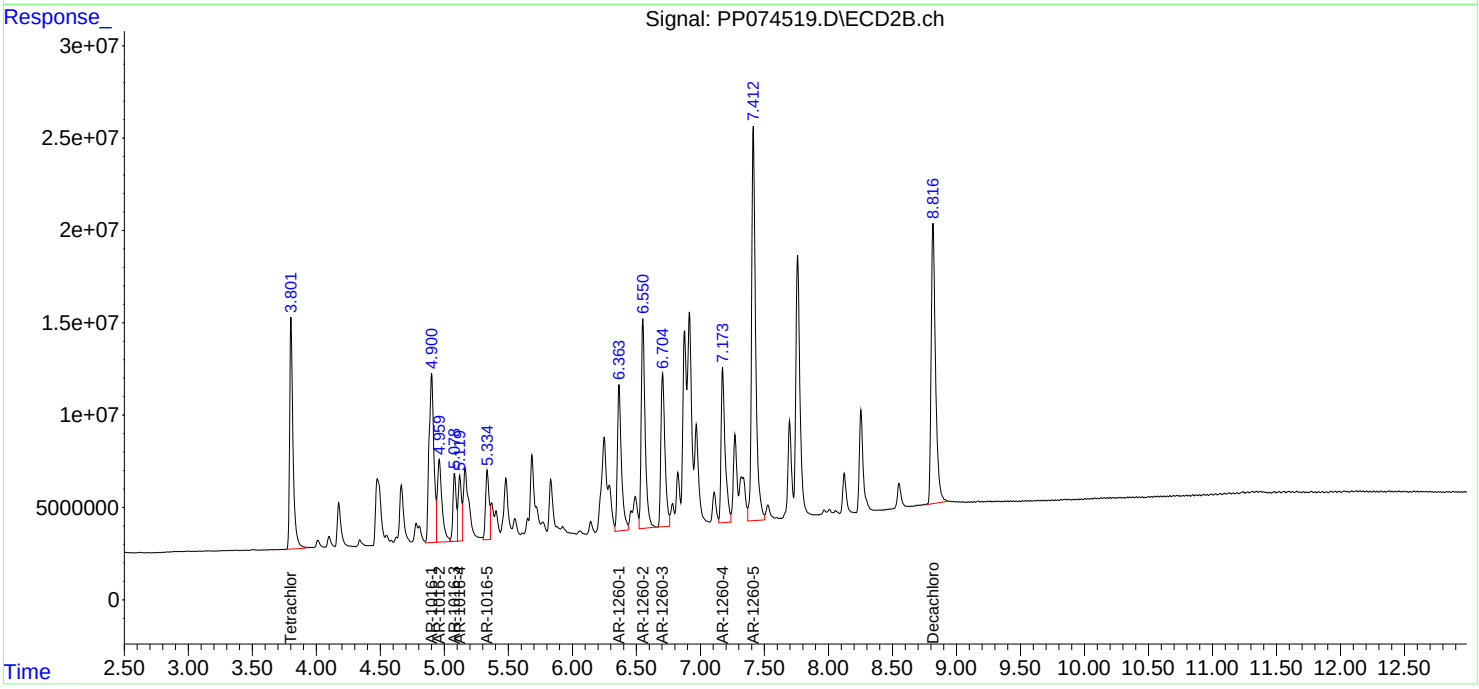
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074519.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:52
Operator : YP\AJ
Sample : PP081925ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

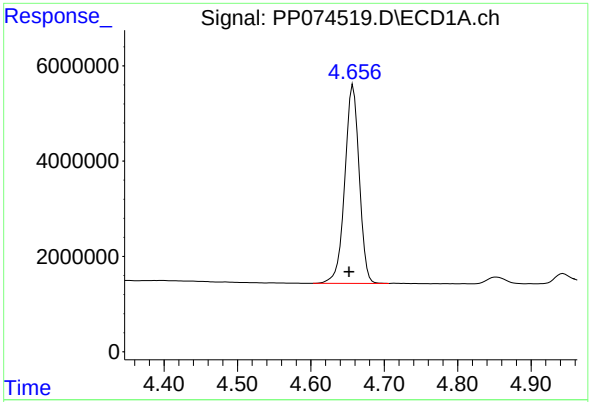
**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:23:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



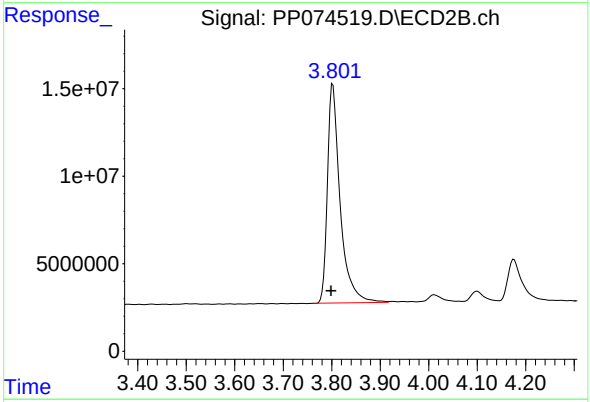






#1 Tetrachloro-m-xylene

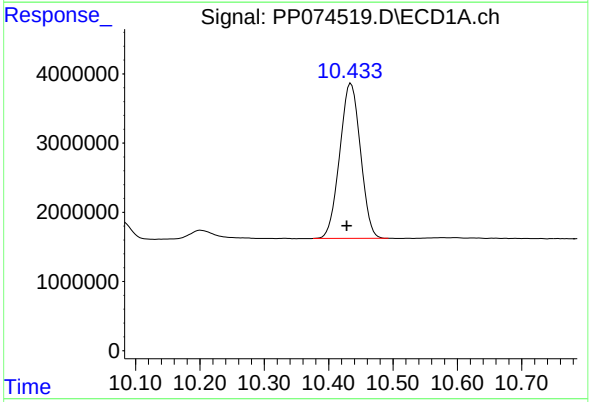
R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 56842653
Conc: 46.45 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925



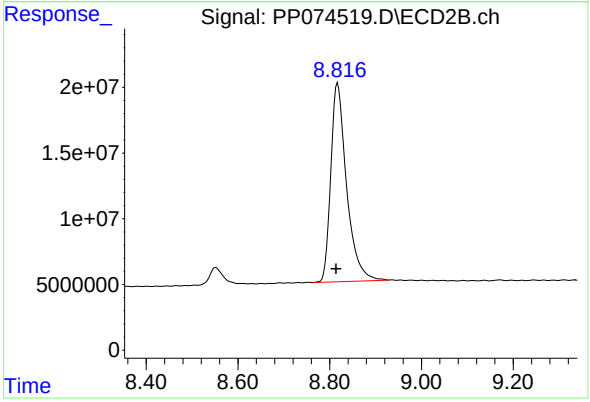

#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.004 min
Response: 228519207
Conc: 47.26 ng/ml



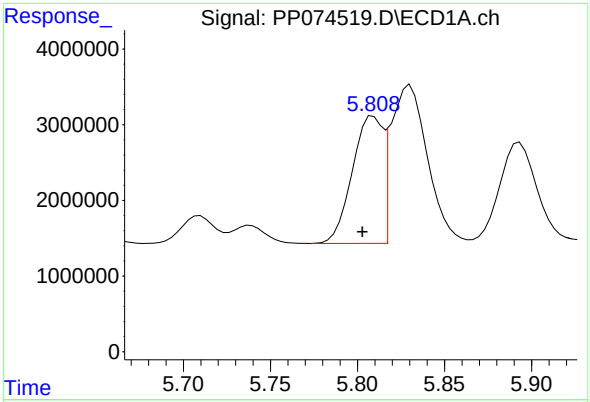

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.006 min
Response: 50219148
Conc: 50.85 ng/ml




#2 Decachlorobiphenyl

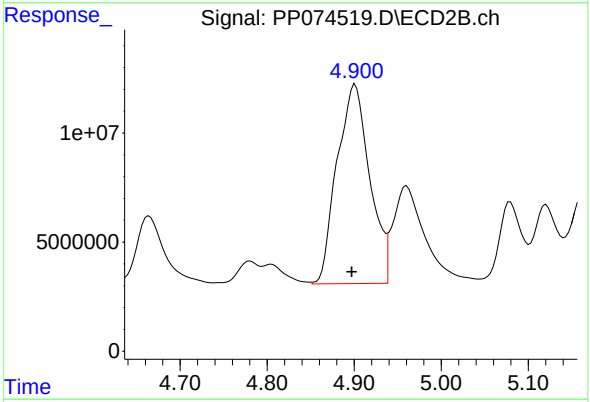
R.T.: 8.817 min
Delta R.T.: 0.003 min
Response: 360911594
Conc: 48.13 ng/ml




#3 AR-1016-1

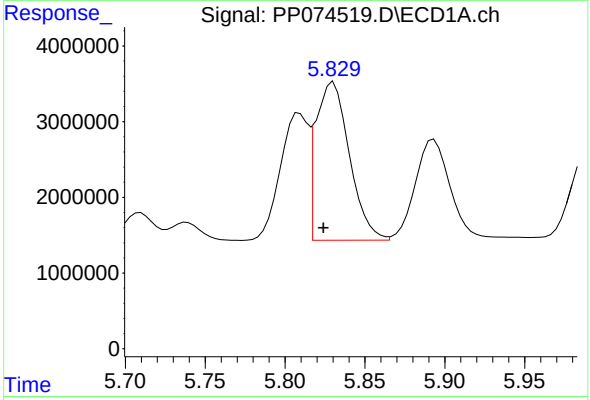
R.T.: 5.809 min
Delta R.T.: 0.006 min
Response: 20384085
Conc: 462.34 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925



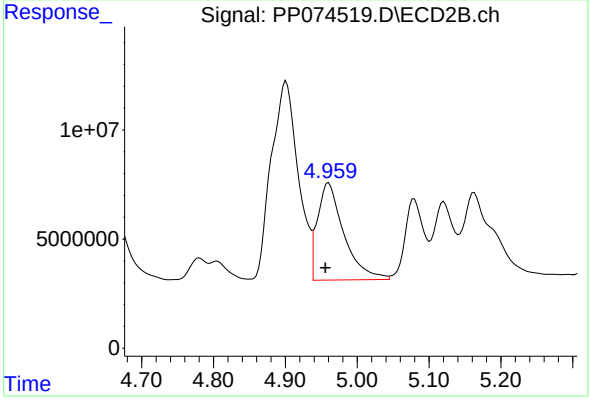

#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: 0.004 min
Response: 238277193
Conc: 467.80 ng/ml



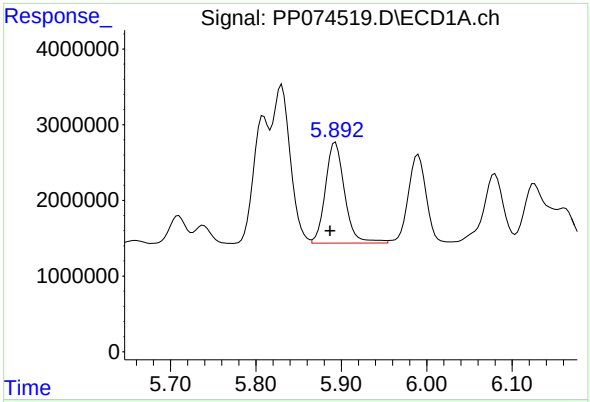

#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: 0.006 min
Response: 30649421
Conc: 487.72 ng/ml




#4 AR-1016-2

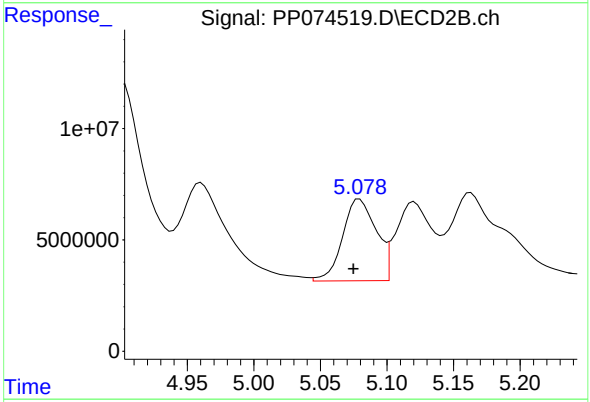
R.T.: 4.960 min
Delta R.T.: 0.005 min
Response: 113466189
Conc: 476.72 ng/ml




#5 AR-1016-3

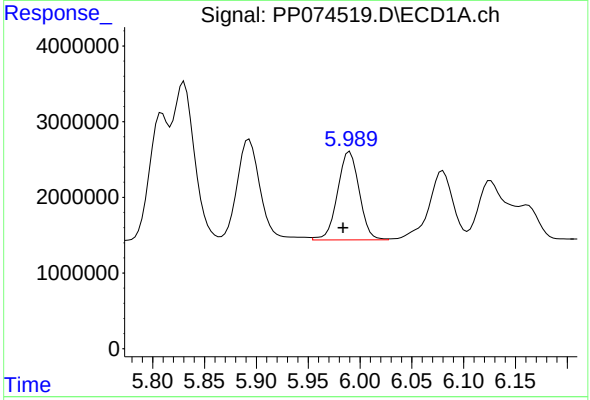
R.T.: 5.893 min
Delta R.T.: 0.006 min
Response: 20869297
Conc: 464.65 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925



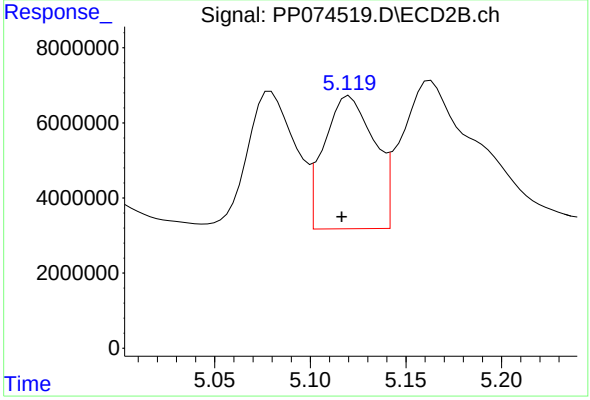

#5 AR-1016-3

R.T.: 5.079 min
Delta R.T.: 0.005 min
Response: 64619014
Conc: 468.58 ng/ml



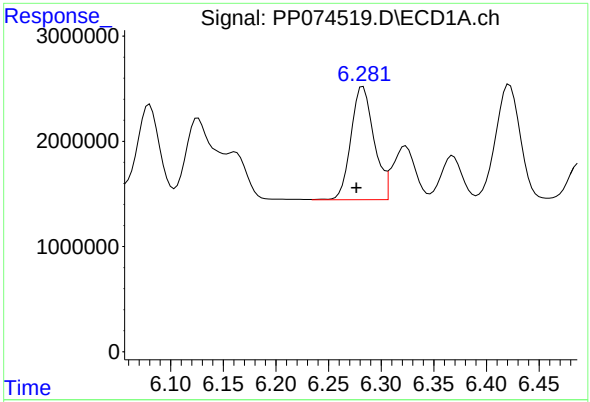

#6 AR-1016-4

R.T.: 5.990 min
Delta R.T.: 0.007 min
Response: 17006846
Conc: 483.40 ng/ml




#6 AR-1016-4

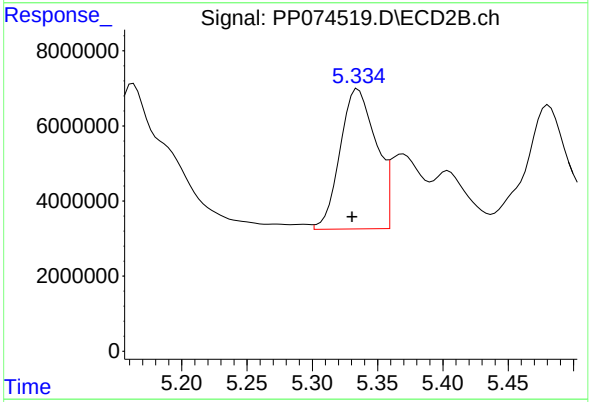
R.T.: 5.121 min
Delta R.T.: 0.004 min
Response: 64496987
Conc: 461.34 ng/ml




#7 AR-1016-5

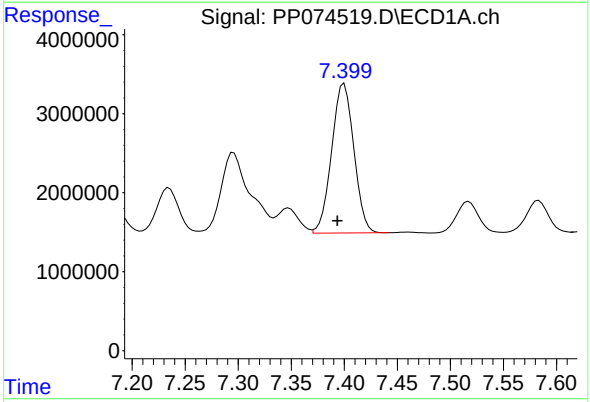
R.T.: 6.283 min
Delta R.T.: 0.006 min
Response: 16393488
Conc: 493.99 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925



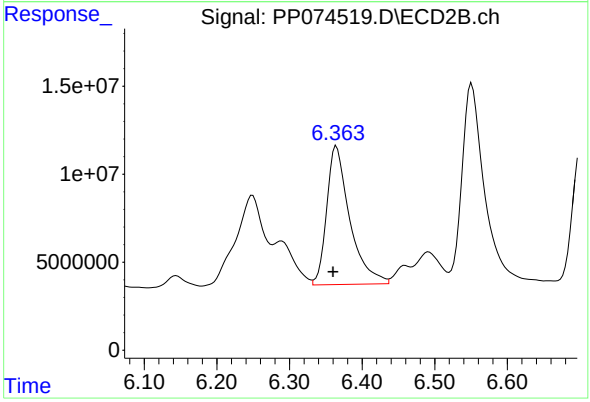

#7 AR-1016-5

R.T.: 5.335 min
Delta R.T.: 0.005 min
Response: 71417891
Conc: 430.01 ng/ml



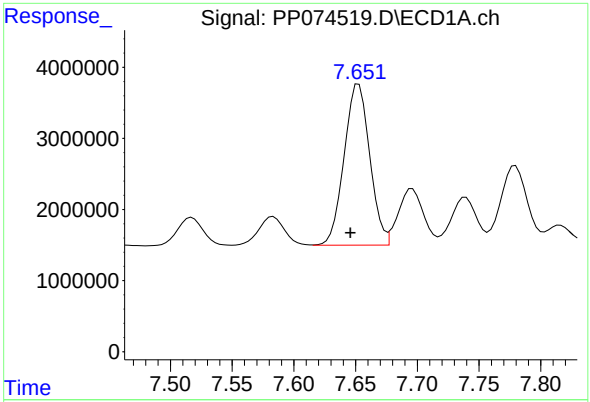

#31 AR-1260-1

R.T.: 7.400 min
Delta R.T.: 0.006 min
Response: 27587306
Conc: 477.21 ng/ml




#31 AR-1260-1

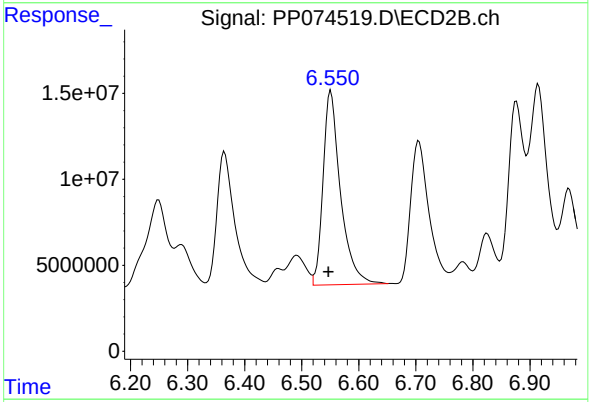
R.T.: 6.365 min
Delta R.T.: 0.005 min
Response: 174195898
Conc: 464.25 ng/ml




#32 AR-1260-2

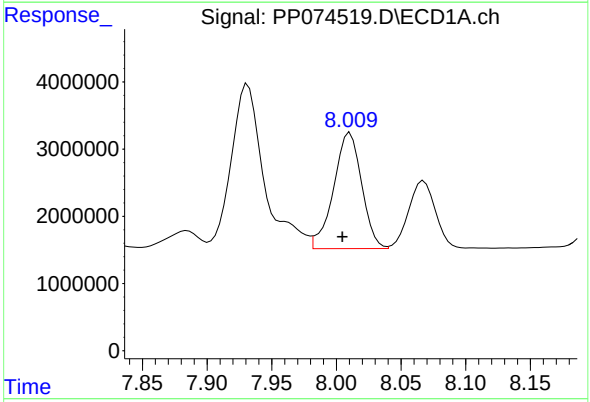
R.T.: 7.652 min
Delta R.T.: 0.006 min
Response: 32691813
Conc: 474.36 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925



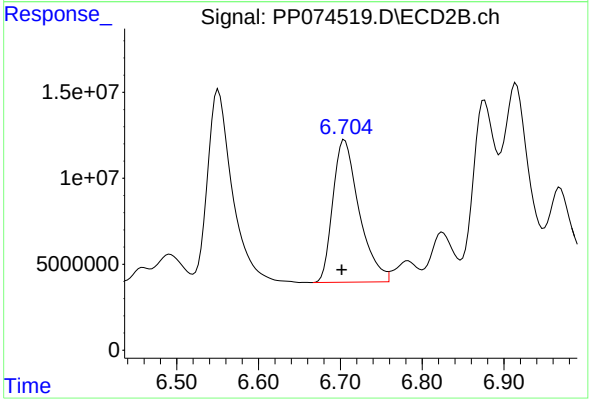

#32 AR-1260-2

R.T.: 6.551 min
Delta R.T.: 0.004 min
Response: 240410950
Conc: 454.62 ng/ml



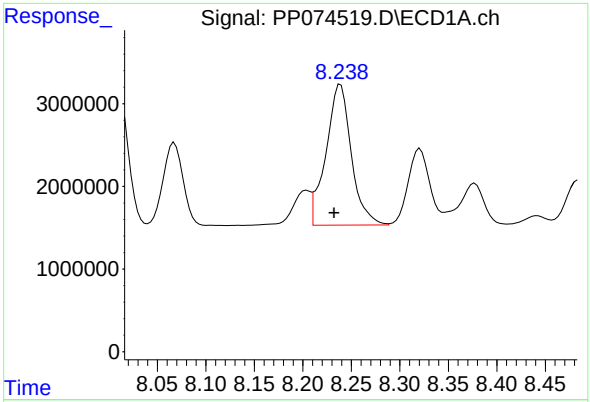

#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: 0.006 min
Response: 26067073
Conc: 502.40 ng/ml




#33 AR-1260-3

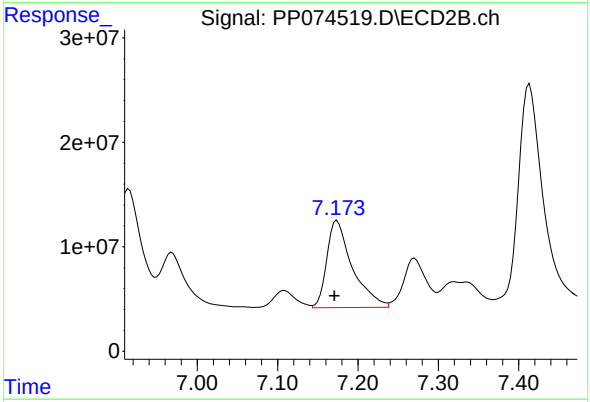
R.T.: 6.705 min
Delta R.T.: 0.004 min
Response: 184687580
Conc: 426.53 ng/ml




#34 AR-1260-4

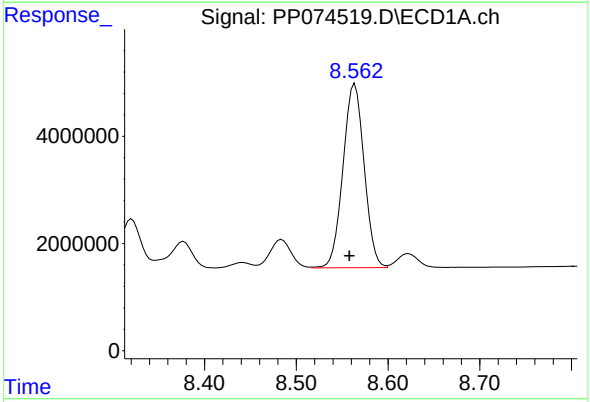
R.T.: 8.239 min
Delta R.T.: 0.007 min
Response: 30945462
Conc: 485.09 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925



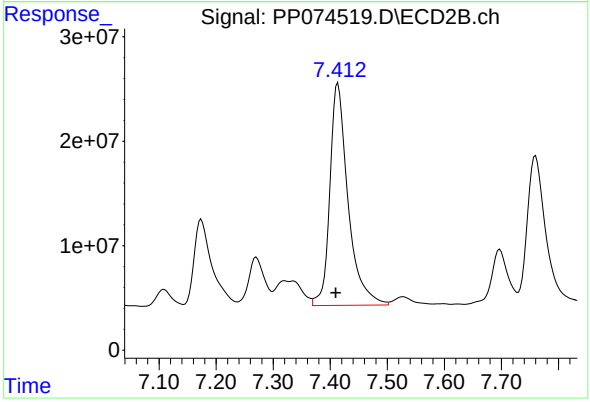

#34 AR-1260-4

R.T.: 7.174 min
Delta R.T.: 0.003 min
Response: 184495236
Conc: 483.64 ng/ml




#35 AR-1260-5

R.T.: 8.564 min
Delta R.T.: 0.006 min
Response: 54844125
Conc: 483.58 ng/ml




#35 AR-1260-5

R.T.: 7.414 min
Delta R.T.: 0.004 min
Response: 472379018
Conc: 470.27 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:13
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.655 | 3.800 | 61135884 | 251.3E6 | 49.960 | 51.980 |
| 2) | SA Decachlor... | 10.431 | 8.814 | 53404053 | 390.6E6 | 54.079 | 52.086 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.806 | 4.899 | 19151882 | 227.5E6 | 500.373 | 539.355 |
| 17) | L4 AR-1242-2 | 5.828 | 4.957 | 28372669 | 113.8E6 | 502.331 | 568.037 |
| 18) | L4 AR-1242-3 | 5.890 | 5.077 | 19007473 | 66780181 | 468.131 | 564.507 |
| 19) | L4 AR-1242-4 | 5.987 | 5.159 | 15591341 | 74977569 | 491.192 | 438.057m |
| 20) | L4 AR-1242-5 | 6.716 | 5.679 | 20582509 | 100.2E6 | 570.617 | 541.319m |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:13
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 47 Sample Multiplier: 1

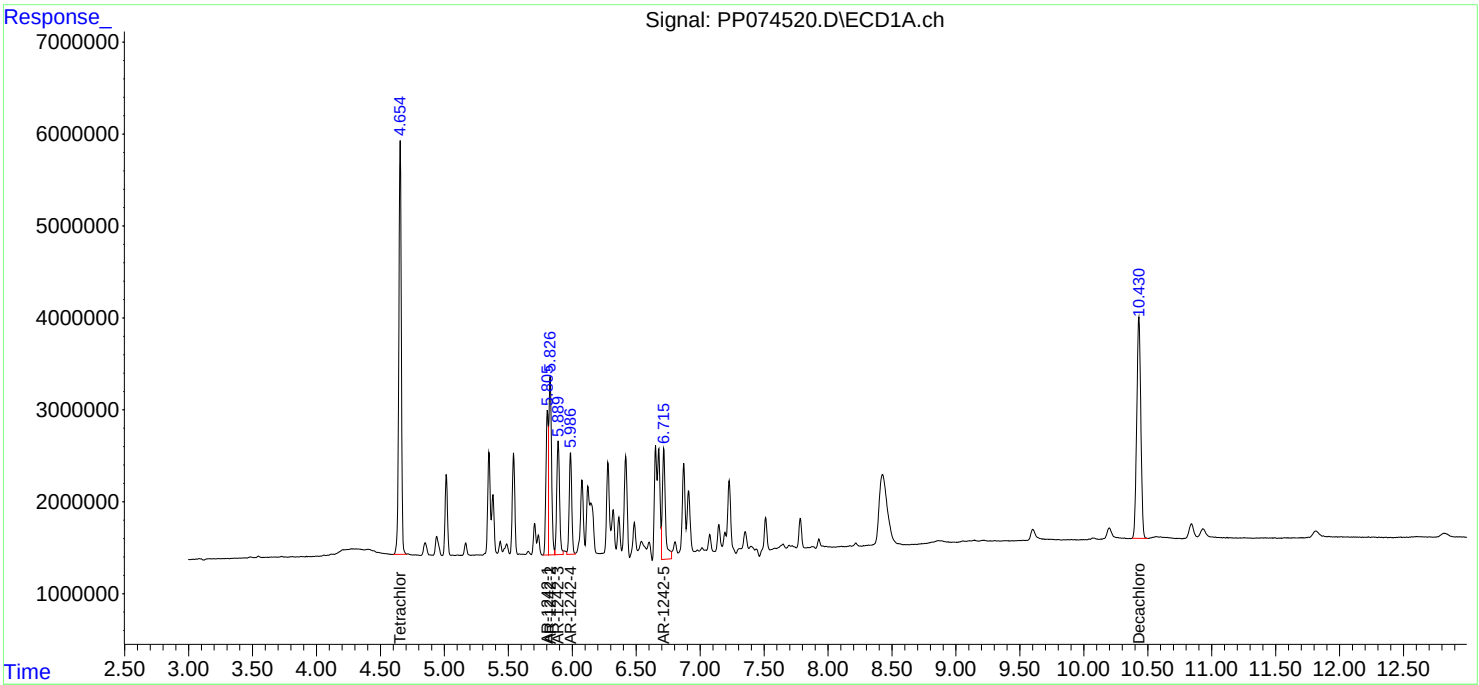
**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242

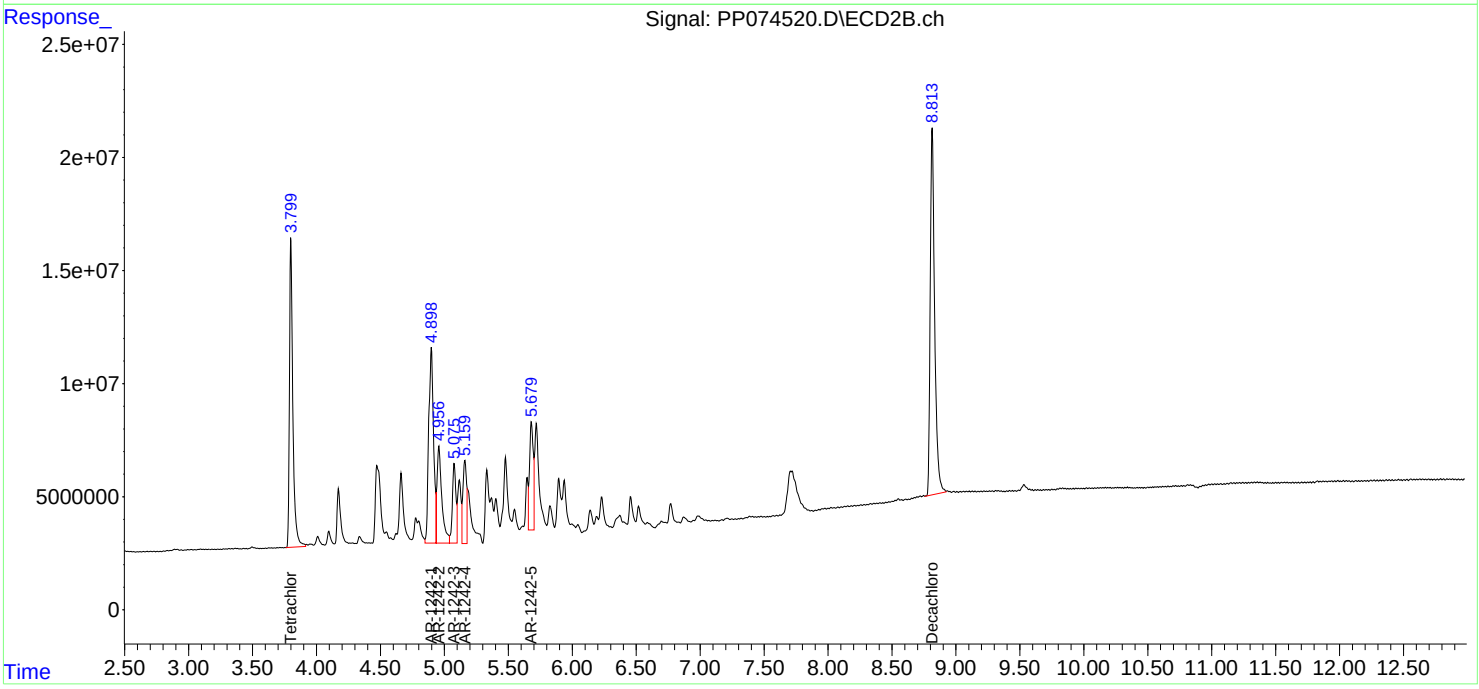
**Manual Integrations APPROVED**

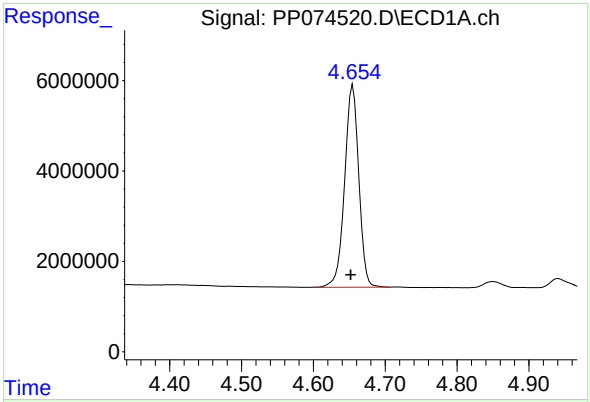
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





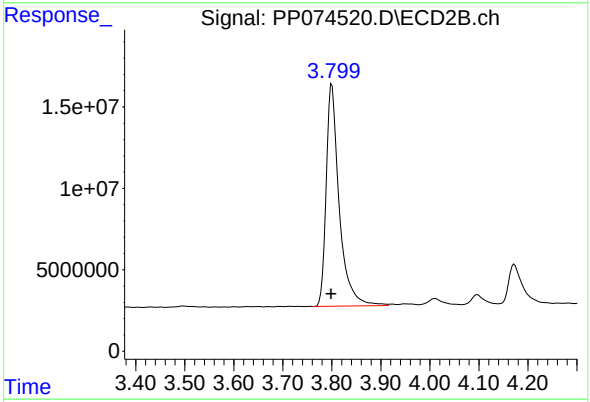

#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.003 min
Response: 61135884
Conc: 49.96 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242

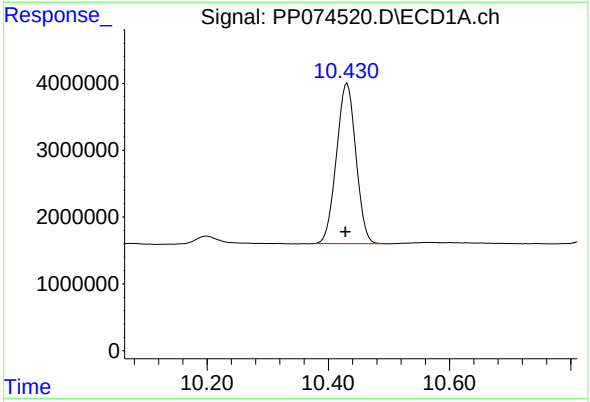
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



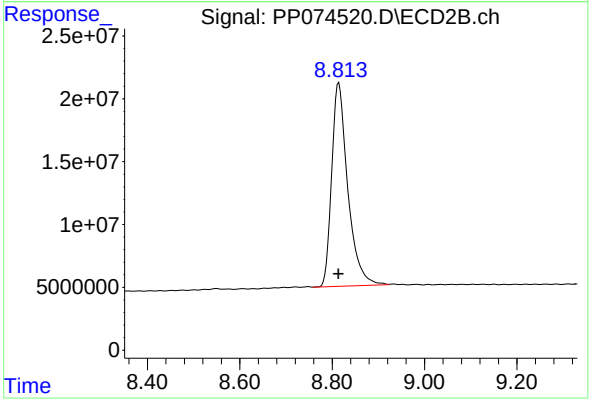

#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 251343147
Conc: 51.98 ng/ml



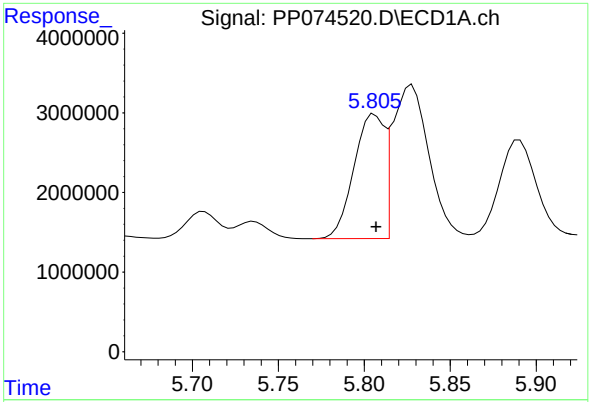

#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: 0.003 min
Response: 53404053
Conc: 54.08 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 390600437
Conc: 52.09 ng/ml



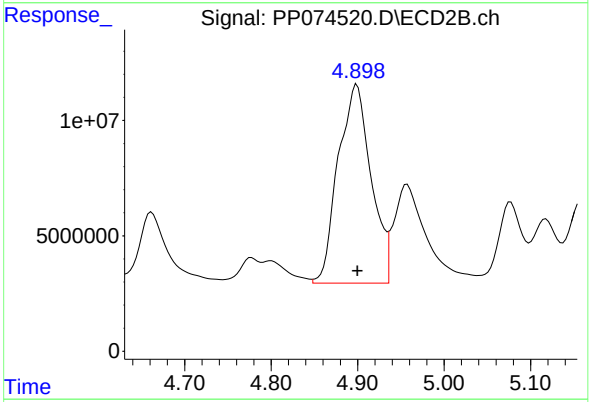

#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 19151882
Conc: 500.37 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242

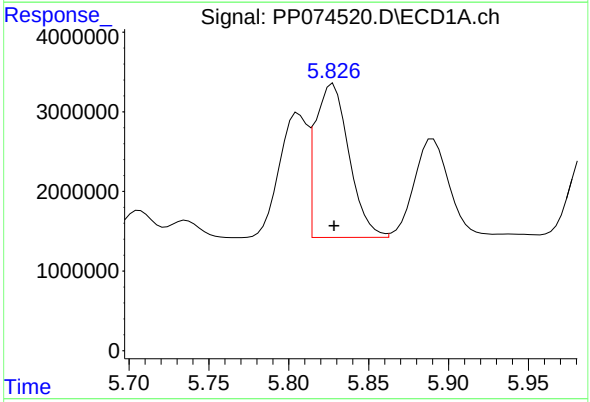
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



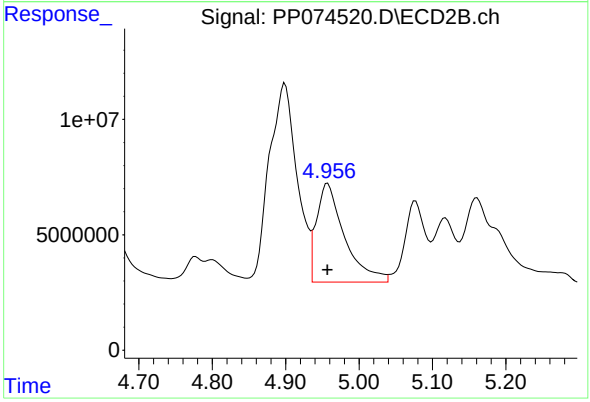

#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 227474604
Conc: 539.36 ng/ml



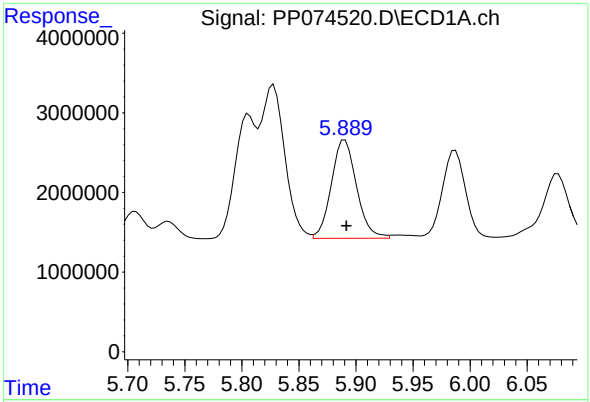

#17 AR-1242-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 28372669
Conc: 502.33 ng/ml




#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 113767896
Conc: 568.04 ng/ml



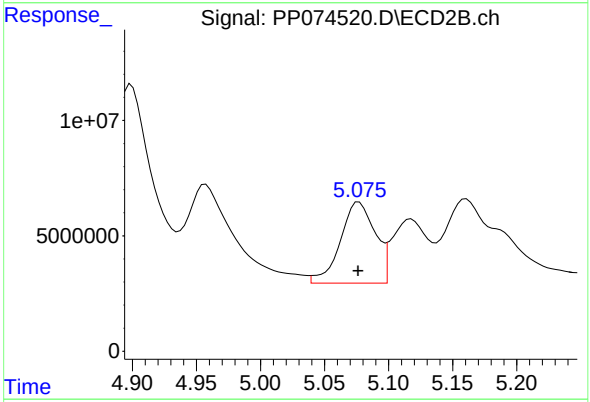

#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.001 min
Response: 19007473
Conc: 468.13 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242

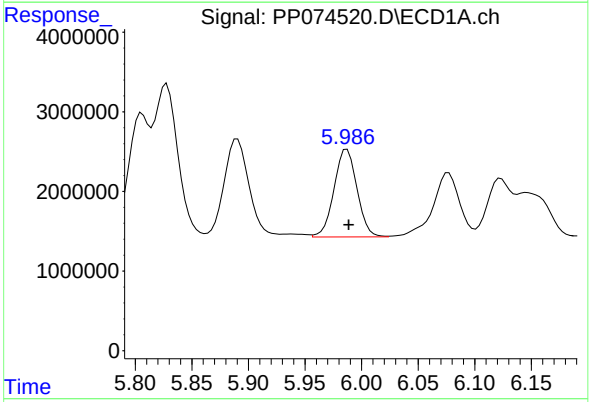
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



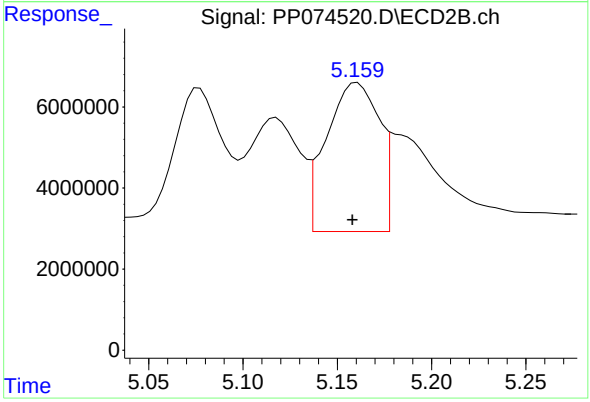

#18 AR-1242-3

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 66780181
Conc: 564.51 ng/ml



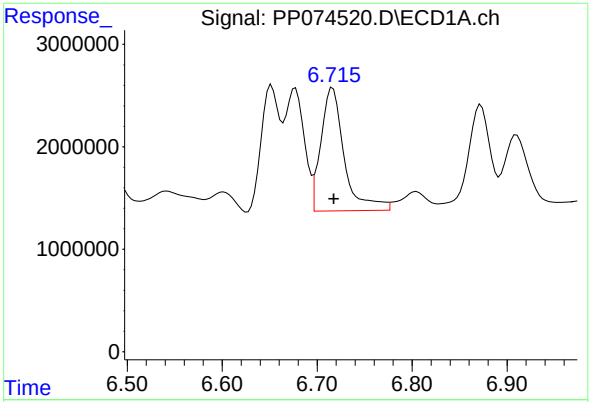

#19 AR-1242-4

R.T.: 5.987 min
Delta R.T.: -0.001 min
Response: 15591341
Conc: 491.19 ng/ml




#19 AR-1242-4

R.T.: 5.159 min
Delta R.T.: 0.001 min
Response: 74977569
Conc: 438.06 ng/ml m



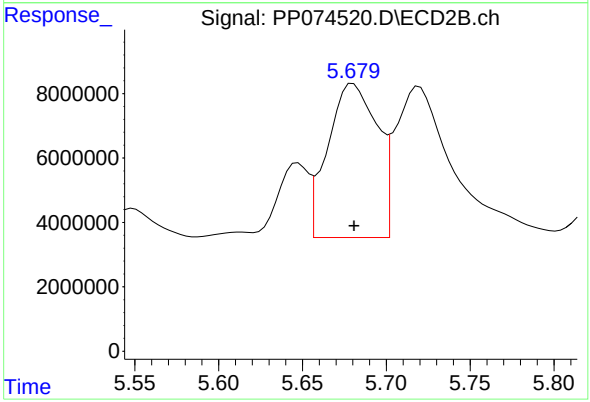

#20 AR-1242-5

R.T.: 6.716 min
Delta R.T.: -0.001 min
Response: 20582509
Conc: 570.62 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#20 AR-1242-5

R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 100232863
Conc: 541.32 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:29
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.652 | 3.800 | 59071103 | 245.5E6 | 48.273 | 50.777 |
| 2) | SA Decachlor... | 10.426 | 8.814 | 53112171 | 392.5E6 | 53.784 | 52.342 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.803 | 4.899 | 15042012 | 140.4E6 | 497.684 | 508.260 |
| 22) | L5 AR-1248-2 | 6.074 | 5.118 | 21382962 | 94490320 | 496.170 | 534.582 |
| 23) | L5 AR-1248-3 | 6.277 | 5.159 | 23315343 | 110.8E6 | 499.219 | 487.816m |
| 24) | L5 AR-1248-4 | 6.675 | 5.332 | 26915269 | 110.6E6 | 489.361 | 507.322 |
| 25) | L5 AR-1248-5 | 6.714 | 5.722 | 26936491 | 191.5E6 | 485.601 | 521.315 |

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

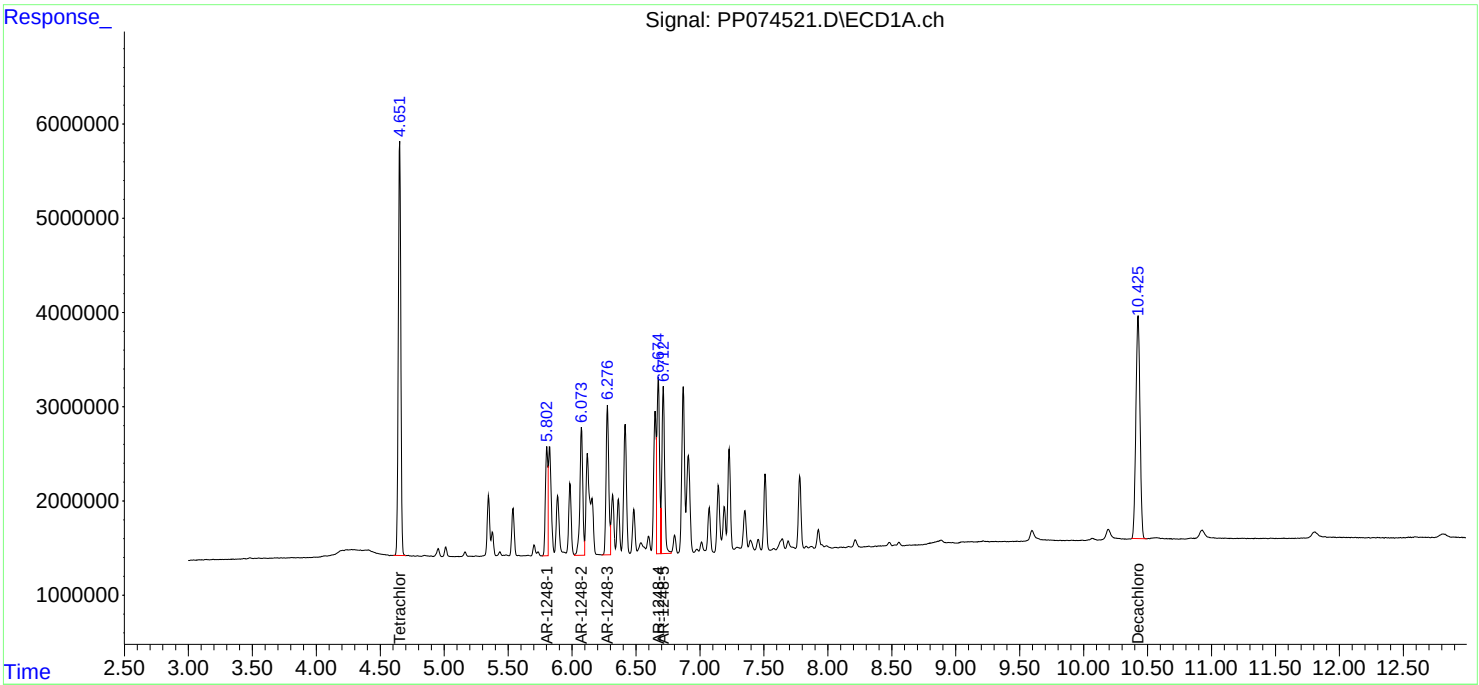
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:29
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

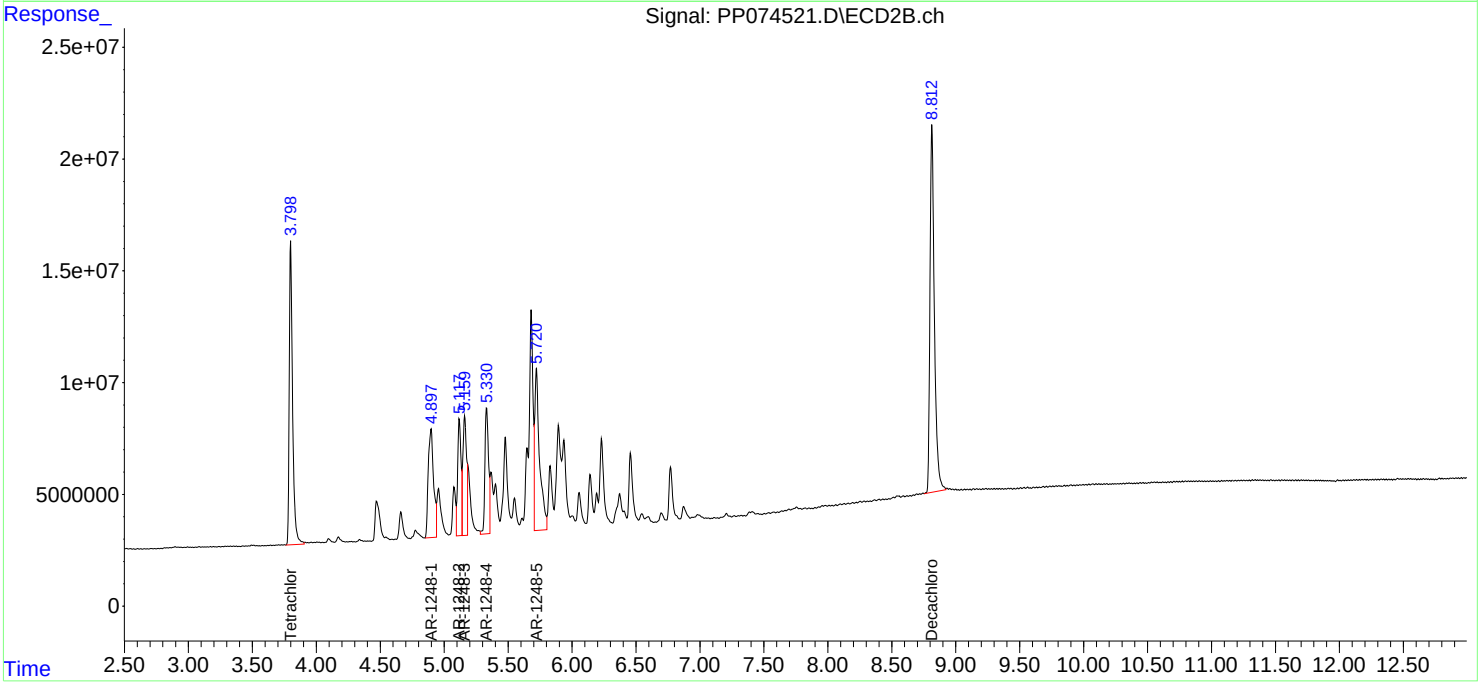
**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248

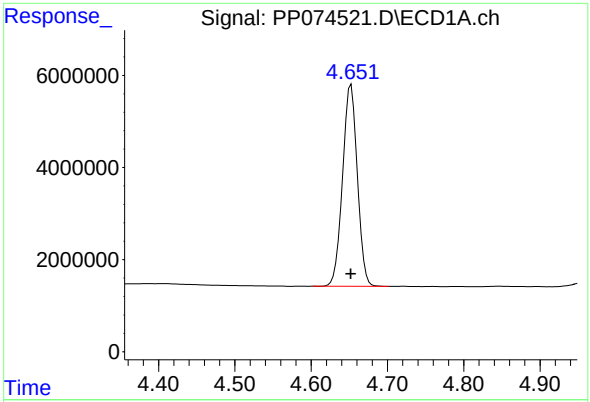
**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





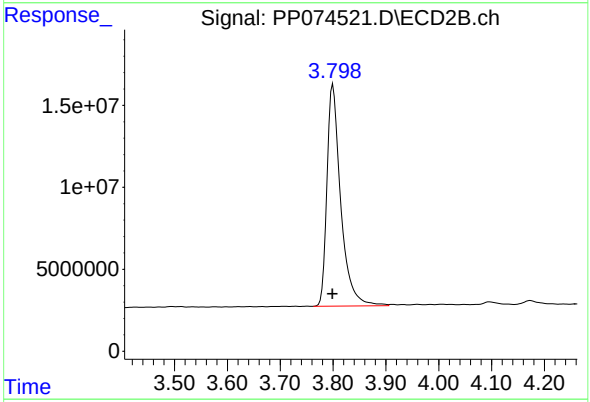

#1 Tetrachloro-m-xylene

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 59071103
Conc: 48.27 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248

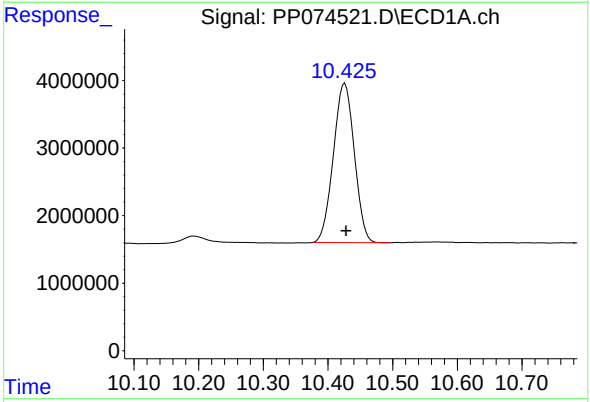
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



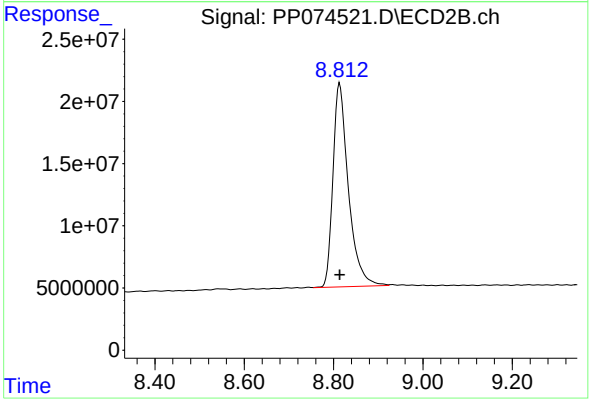

#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 245528806
Conc: 50.78 ng/ml



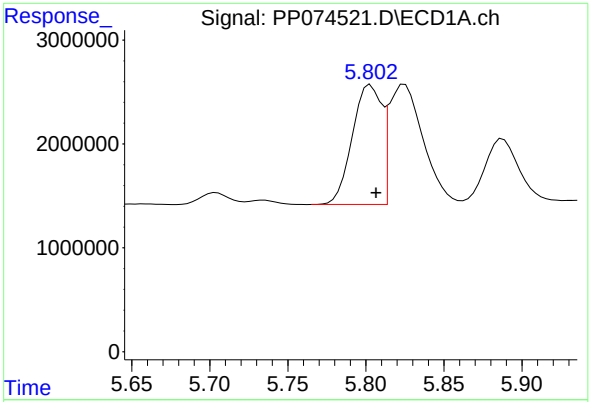

#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: -0.002 min
Response: 53112171
Conc: 53.78 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 392519727
Conc: 52.34 ng/ml



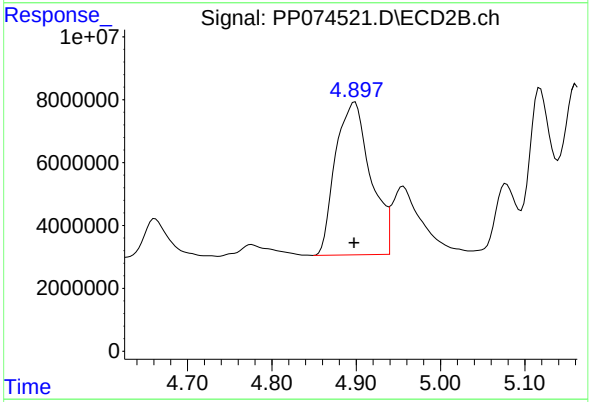

#21 AR-1248-1

R.T.: 5.803 min
Delta R.T.: -0.003 min
Response: 15042012
Conc: 497.68 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248

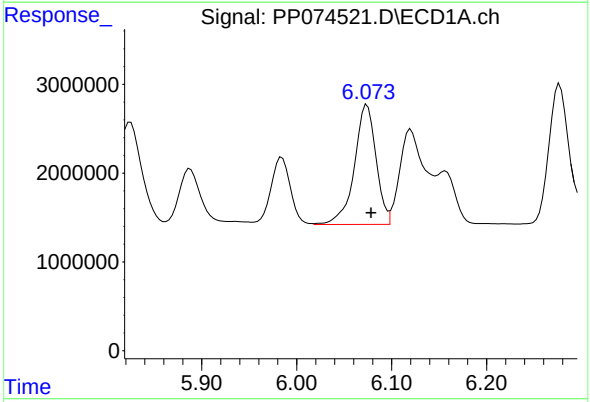
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



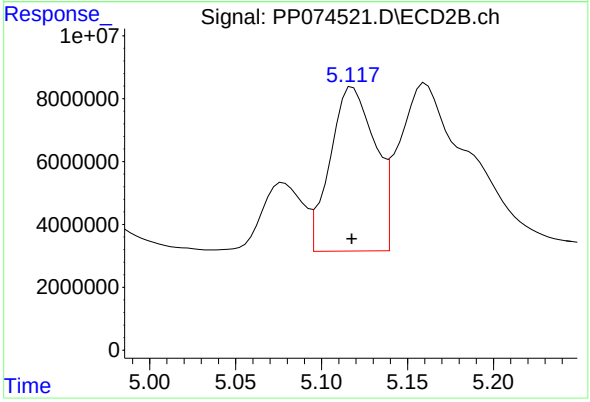

#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.001 min
Response: 140352493
Conc: 508.26 ng/ml



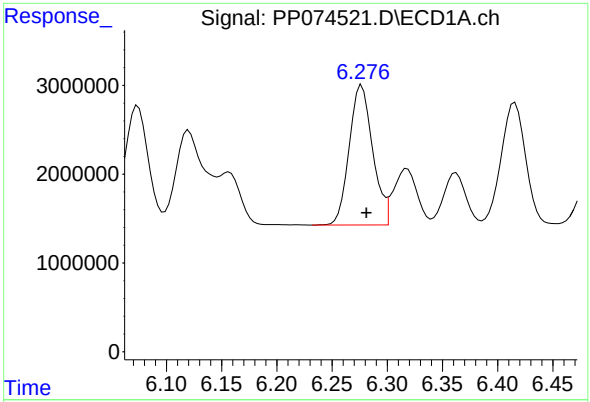

#22 AR-1248-2

R.T.: 6.074 min
Delta R.T.: -0.004 min
Response: 21382962
Conc: 496.17 ng/ml




#22 AR-1248-2

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 94490320
Conc: 534.58 ng/ml



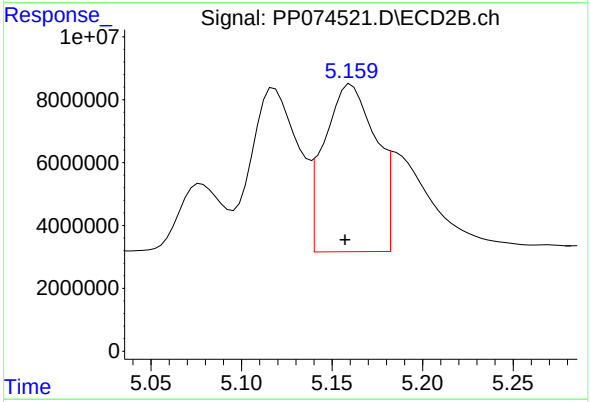

#23 AR-1248-3

R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 23315343
Conc: 499.22 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248

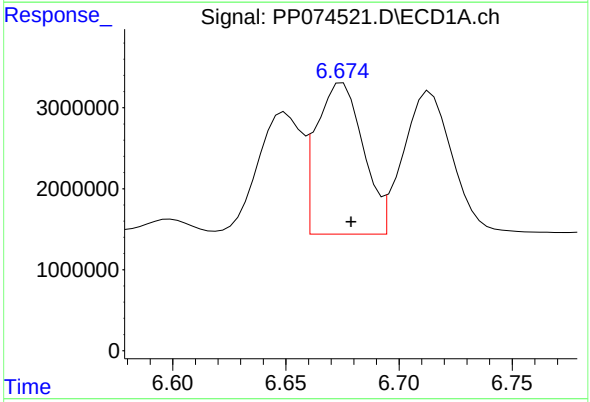
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



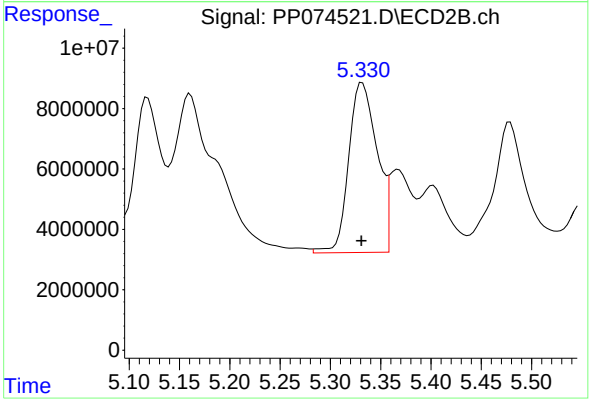

#23 AR-1248-3

R.T.: 5.159 min
Delta R.T.: 0.002 min
Response: 110833510
Conc: 487.82 ng/ml m



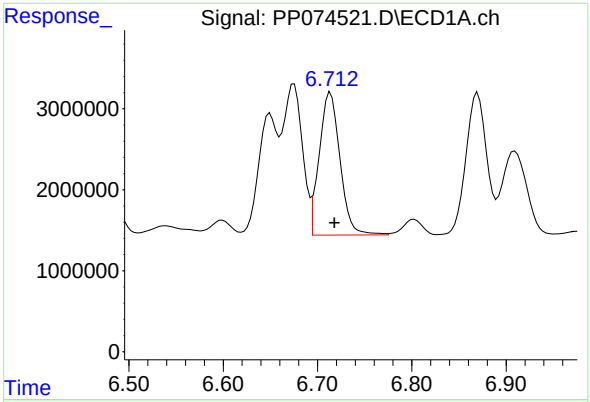

#24 AR-1248-4

R.T.: 6.675 min
Delta R.T.: -0.004 min
Response: 26915269
Conc: 489.36 ng/ml




#24 AR-1248-4

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 110606875
Conc: 507.32 ng/ml



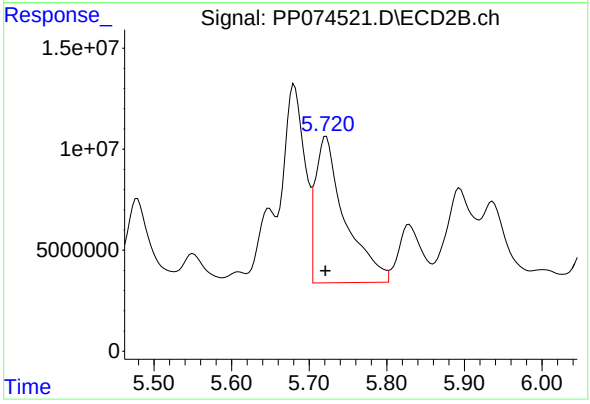

#25 AR-1248-5

R.T.: 6.714 min
Delta R.T.: -0.004 min
Response: 26936491
Conc: 485.60 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248

**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#25 AR-1248-5

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 191490359
Conc: 521.31 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:18
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.657 | 3.800 | 56166806 | 231.3E6 | 45.900 | 47.840 |
| 2) | SA Decachlor... | 10.432 | 8.813 | 50817971 | 371.3E6 | 51.461 | 49.507 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.655 | 5.682 | 26836668 | 232.6E6 | 460.562m | 487.928 |
| 27) | L6 AR-1254-2 | 6.872 | 5.830 | 38555301 | 169.1E6 | 472.399 | 480.246 |
| 28) | L6 AR-1254-3 | 7.233 | 6.231 | 41293274 | 315.3E6 | 462.896 | 508.643 |
| 29) | L6 AR-1254-4 | 7.515 | 6.458 | 31170607 | 231.8E6 | 472.901 | 494.686 |
| 30) | L6 AR-1254-5 | 7.931 | 6.875 | 39856792 | 247.9E6 | 479.711 | 505.396 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:18
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

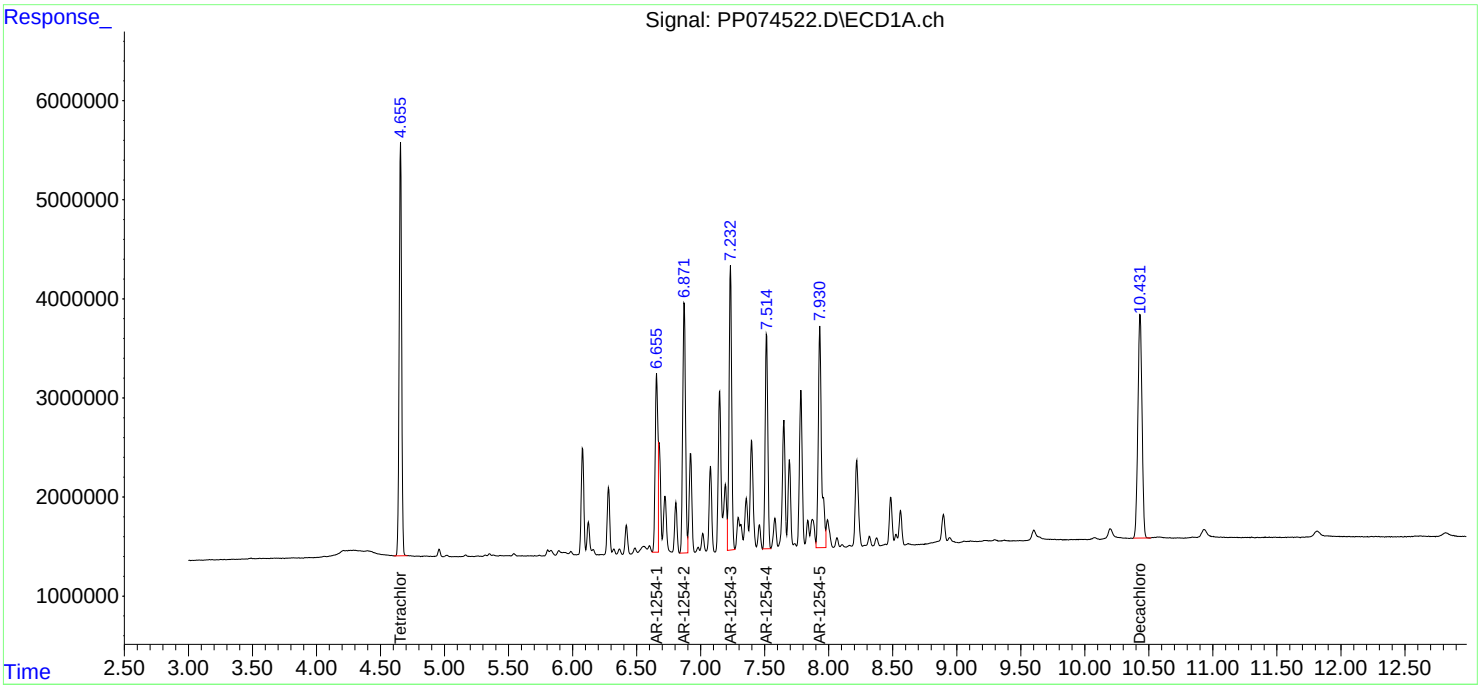
**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254

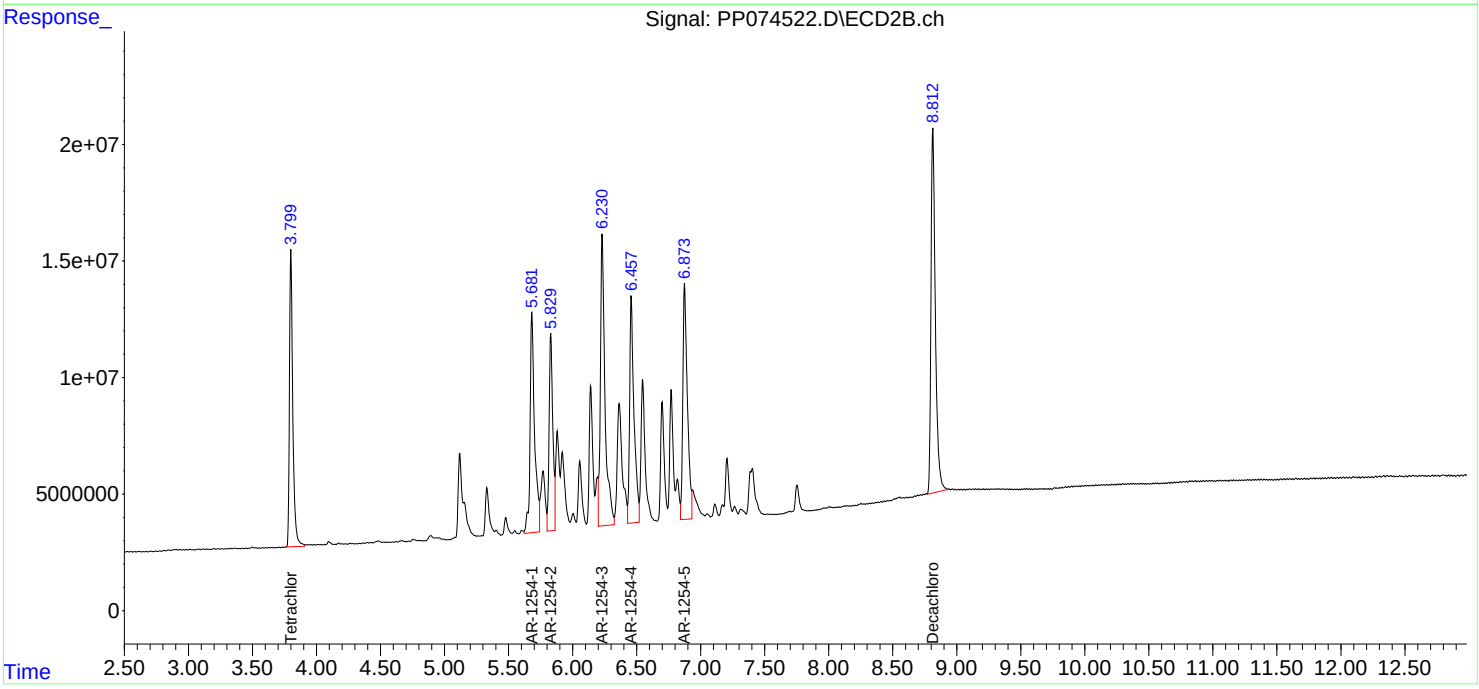
**Manual Integrations APPROVED**

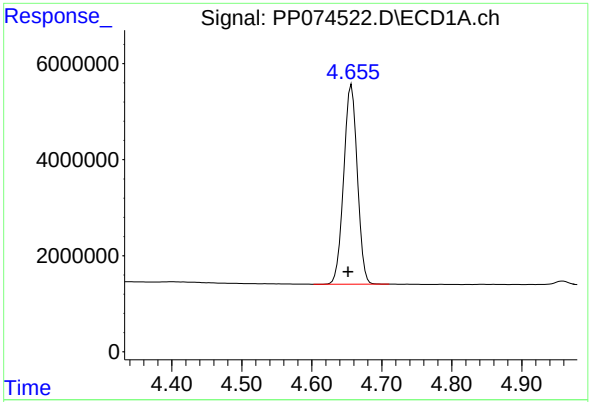
Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





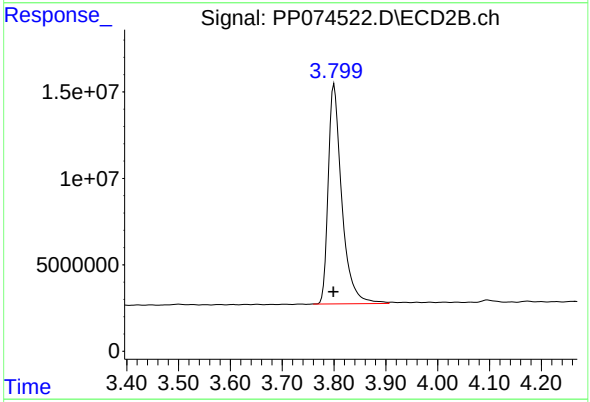

#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.005 min
Response: 56166806
Conc: 45.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254

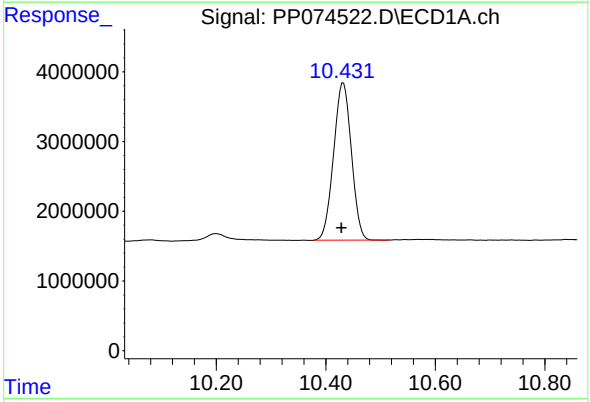
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



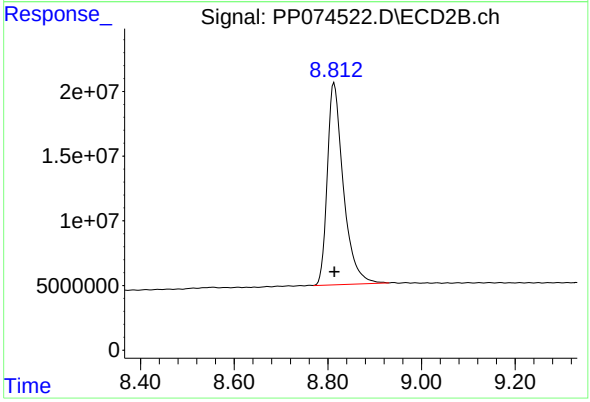

#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 231327828
Conc: 47.84 ng/ml



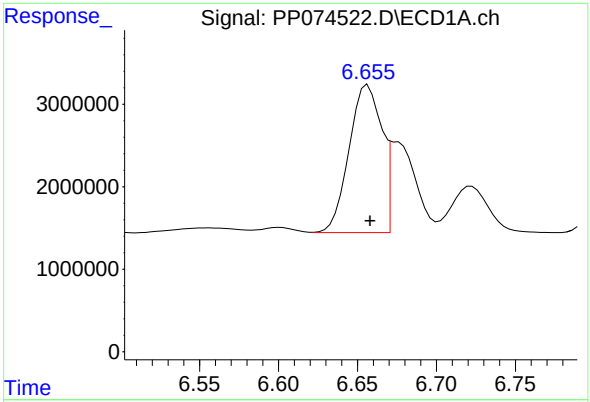

#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.004 min
Response: 50817971
Conc: 51.46 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 371262857
Conc: 49.51 ng/ml



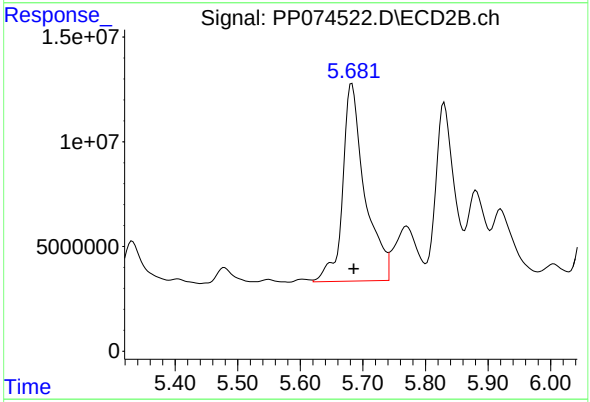

#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: -0.003 min
Response: 26836668
Conc: 460.56 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254

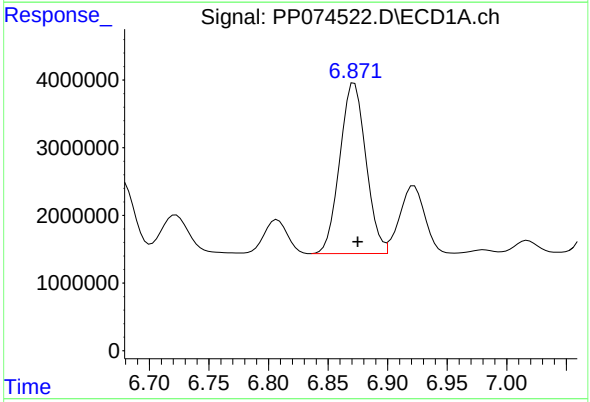
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



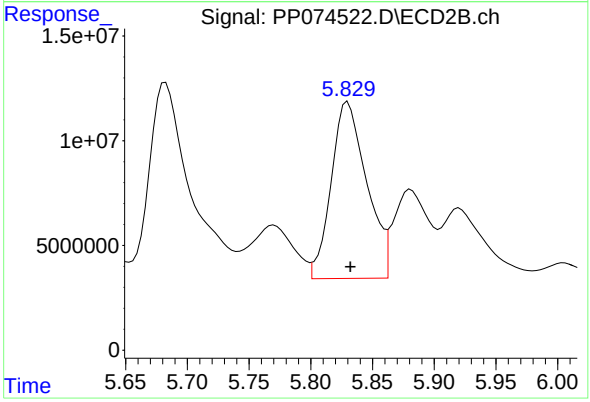

#26 AR-1254-1

R.T.: 5.682 min
Delta R.T.: -0.003 min
Response: 232600192
Conc: 487.93 ng/ml



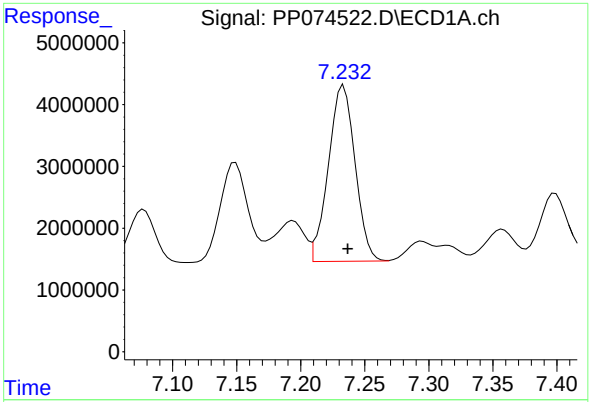

#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 38555301
Conc: 472.40 ng/ml




#27 AR-1254-2

R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 169110333
Conc: 480.25 ng/ml



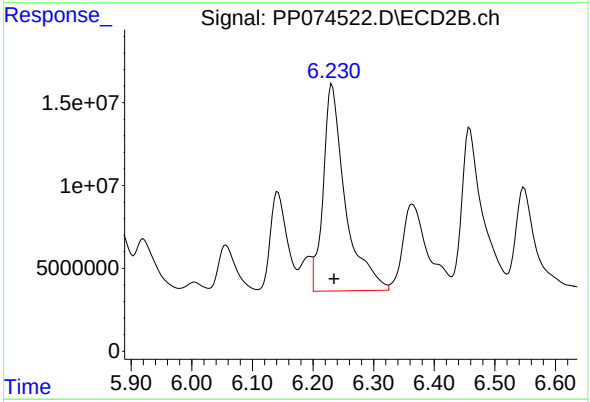

#28 AR-1254-3

R.T.: 7.233 min
Delta R.T.: -0.003 min
Response: 41293274
Conc: 462.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254

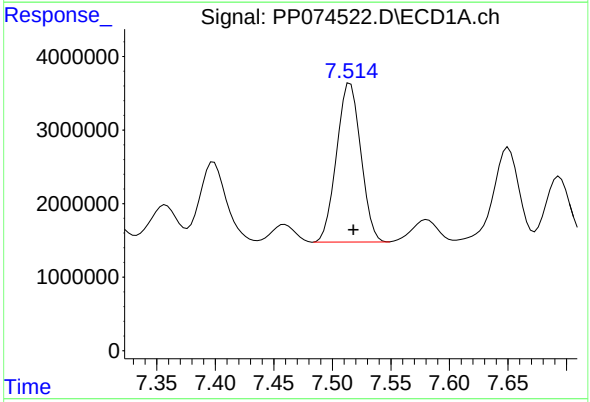
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



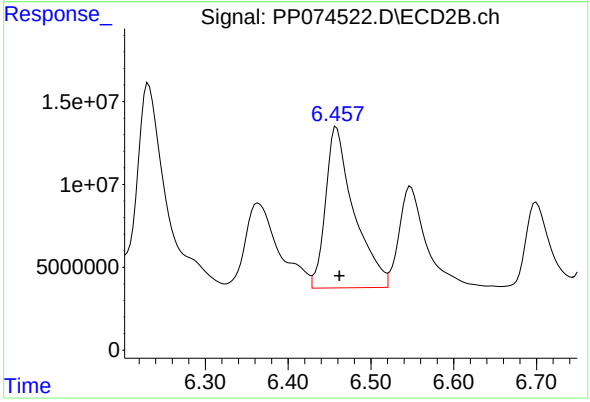

#28 AR-1254-3

R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 315259795
Conc: 508.64 ng/ml



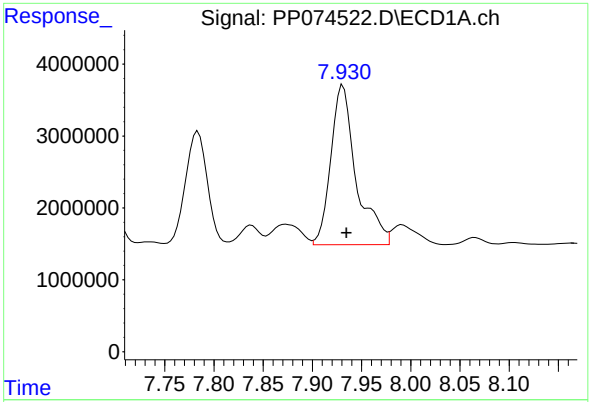

#29 AR-1254-4

R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 31170607
Conc: 472.90 ng/ml




#29 AR-1254-4

R.T.: 6.458 min
Delta R.T.: -0.003 min
Response: 231822957
Conc: 494.69 ng/ml



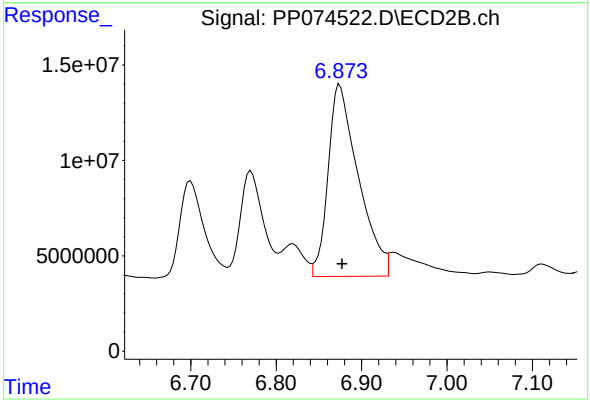

#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 39856792
Conc: 479.71 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025




#30 AR-1254-5

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 247897423
Conc: 505.40 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 21:07
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:59:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:59:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.658 | 3.802 | 58901391 | 238.6E6 | 49.110 | 51.825 |
| 2) | SA Decachlor... | 10.434 | 8.815 | 89013520 | 715.1E6 | 49.674 | 52.588 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.886 | 7.696 | 78891283 | 721.4E6 | 486.865 | 511.441 |
| 42) | L9 AR-1268-2 | 8.981 | 7.760 | 73097356 | 698.4E6 | 498.151 | 512.265 |
| 43) | L9 AR-1268-3 | 9.221 | 7.968 | 61233015 | 547.4E6 | 495.471 | 524.753 |
| 44) | L9 AR-1268-4 | 9.648 | 8.253 | 33012444 | 201.7E6 | 490.797 | 526.433 |
| 45) | L9 AR-1268-5 | 10.080 | 8.552 | 181.2E6 | 1644.2E6 | 489.478 | 524.264 |

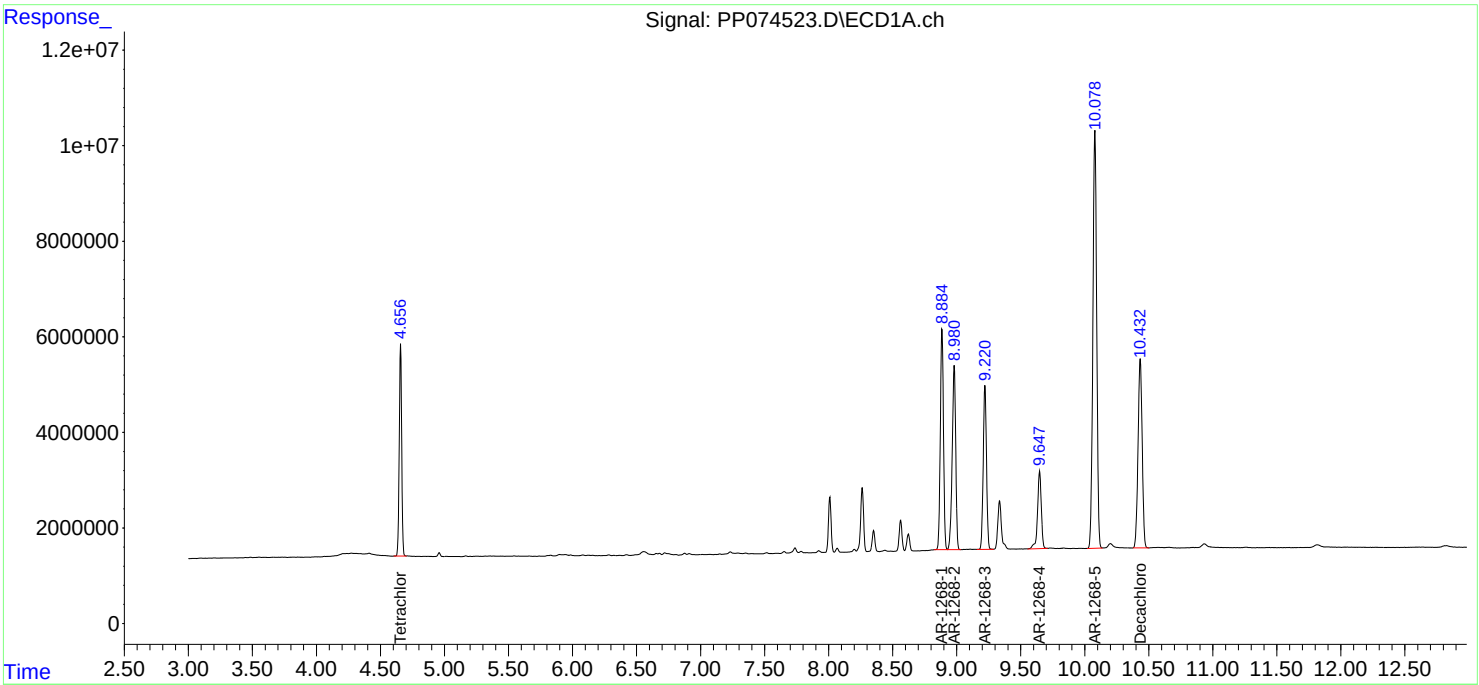
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

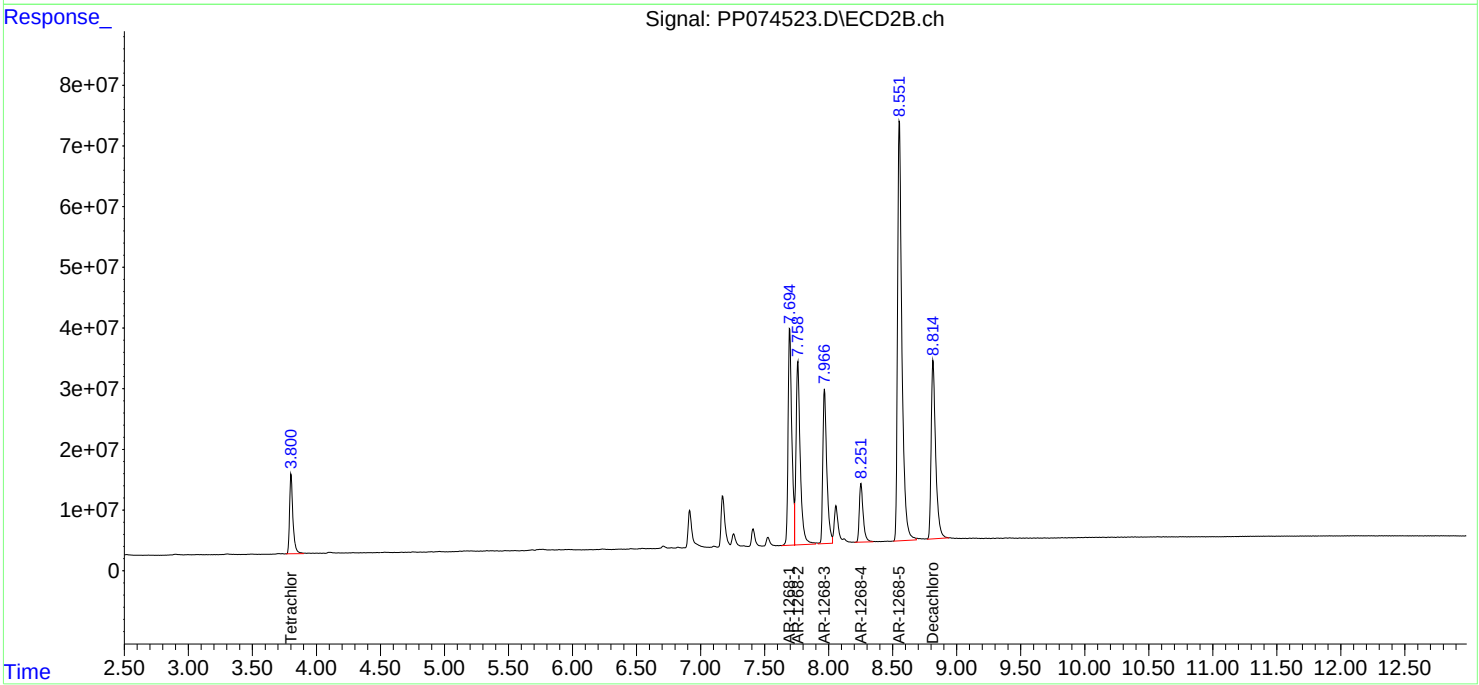
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 21:07
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

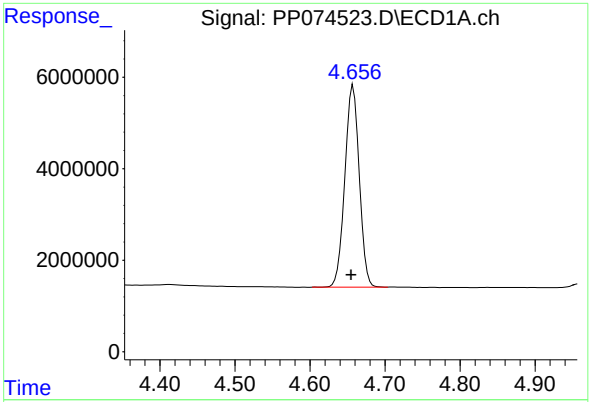
**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:59:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:59:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



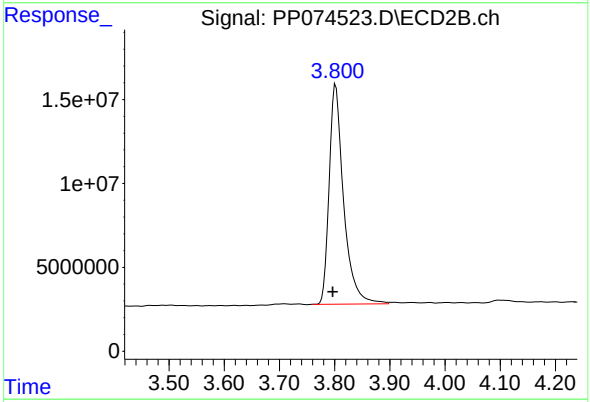






#1 Tetrachloro-m-xylene

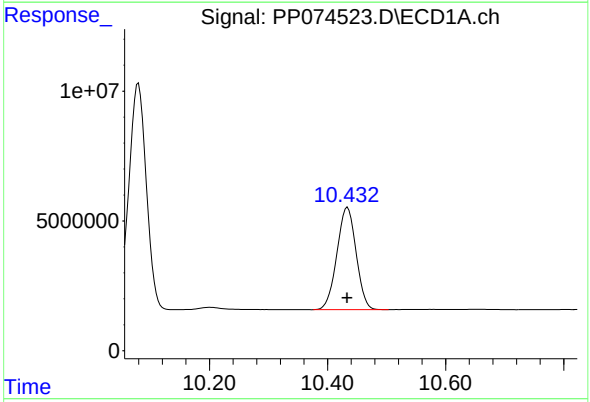
R.T.: 4.658 min
Delta R.T.: 0.003 min
Response: 58901391
Conc: 49.11 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1268



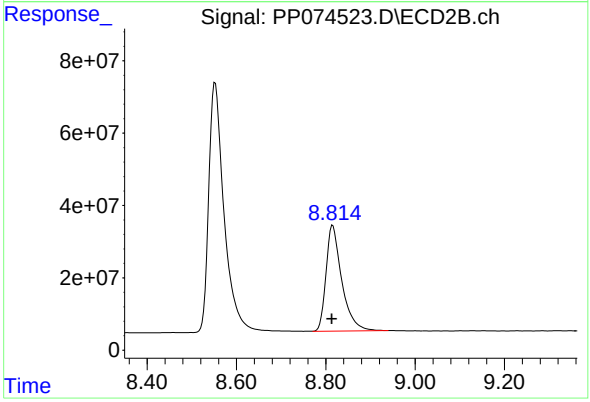

#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.005 min
Response: 238598301
Conc: 51.83 ng/ml



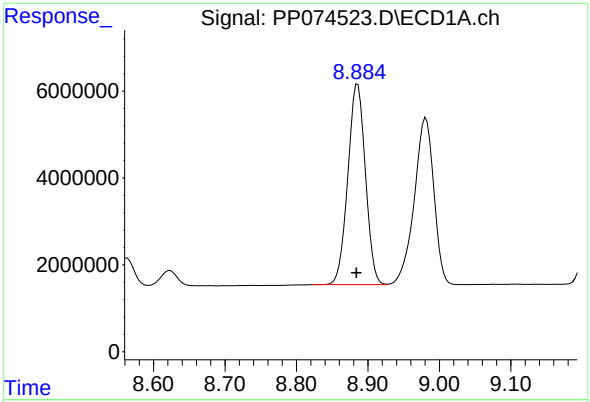

#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 89013520
Conc: 49.67 ng/ml




#2 Decachlorobiphenyl

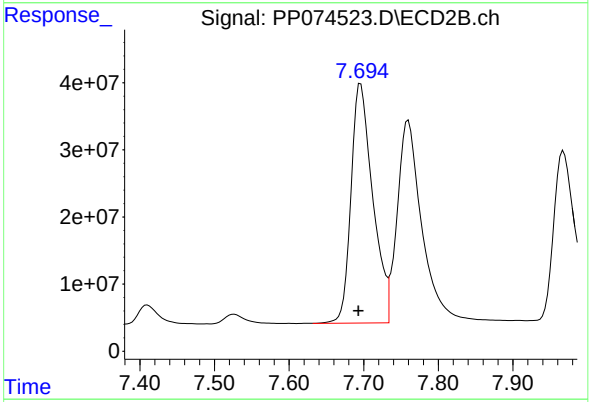
R.T.: 8.815 min
Delta R.T.: 0.002 min
Response: 715124960
Conc: 52.59 ng/ml




#41 AR-1268-1

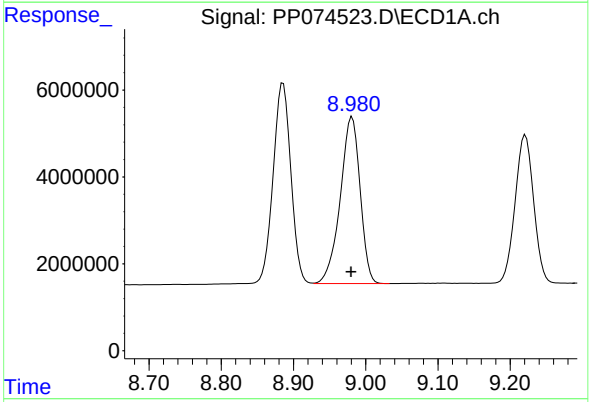
R.T.: 8.886 min
Delta R.T.: 0.002 min
Response: 78891283
Conc: 486.87 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1268



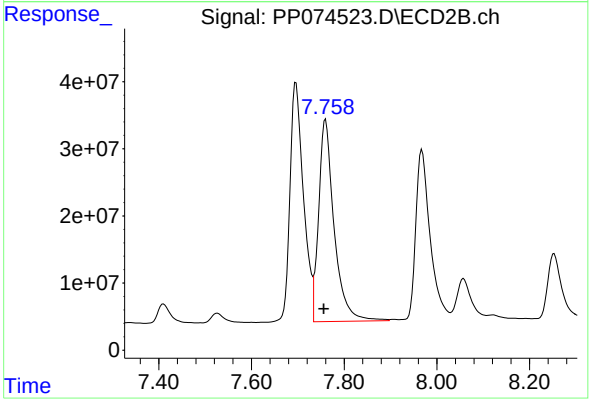

#41 AR-1268-1

R.T.: 7.696 min
Delta R.T.: 0.003 min
Response: 721384311
Conc: 511.44 ng/ml



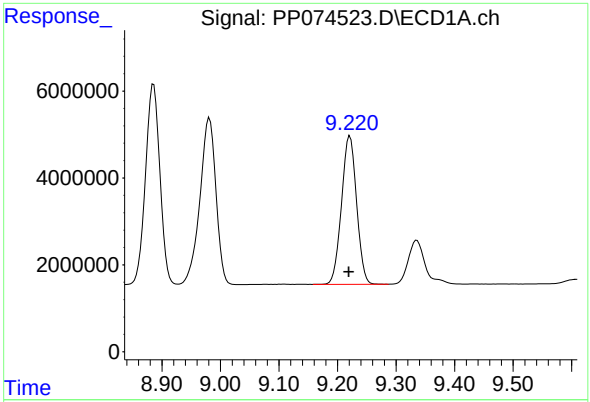

#42 AR-1268-2

R.T.: 8.981 min
Delta R.T.: 0.001 min
Response: 73097356
Conc: 498.15 ng/ml




#42 AR-1268-2

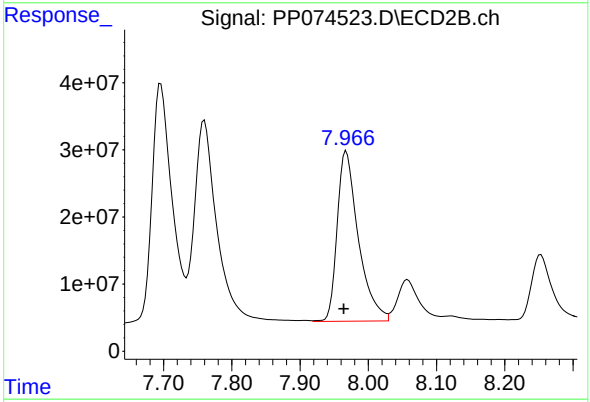
R.T.: 7.760 min
Delta R.T.: 0.004 min
Response: 698436703
Conc: 512.27 ng/ml




#43 AR-1268-3

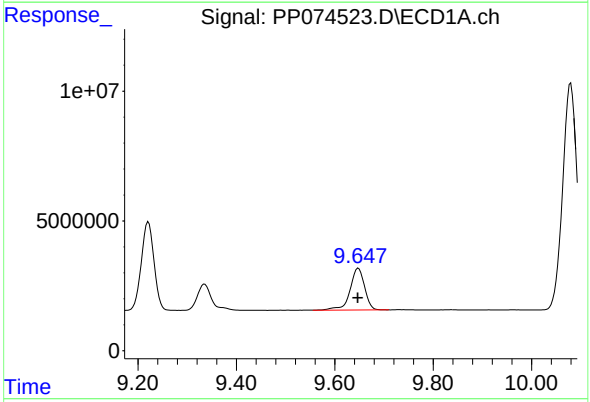
R.T.: 9.221 min
Delta R.T.: 0.002 min
Response: 61233015
Conc: 495.47 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1268



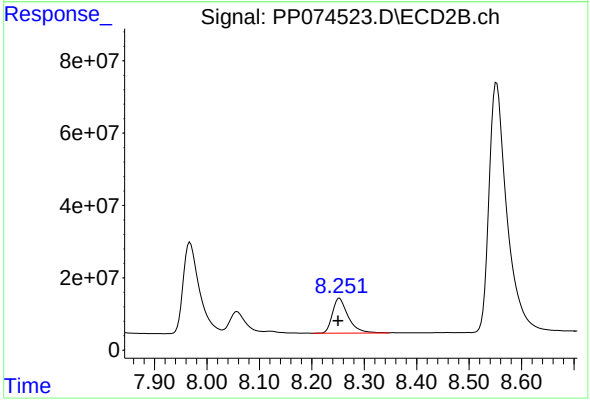

#43 AR-1268-3

R.T.: 7.968 min
Delta R.T.: 0.004 min
Response: 547440569
Conc: 524.75 ng/ml



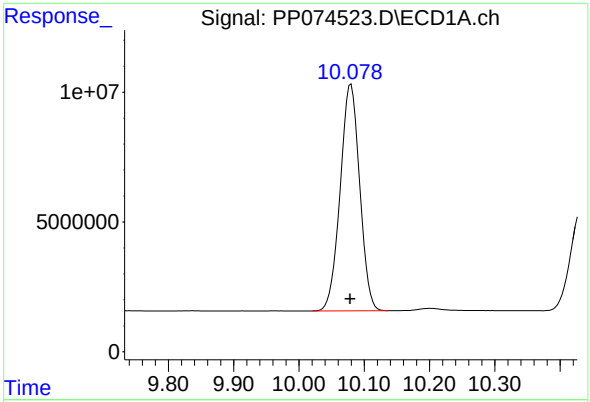

#44 AR-1268-4

R.T.: 9.648 min
Delta R.T.: 0.001 min
Response: 33012444
Conc: 490.80 ng/ml




#44 AR-1268-4

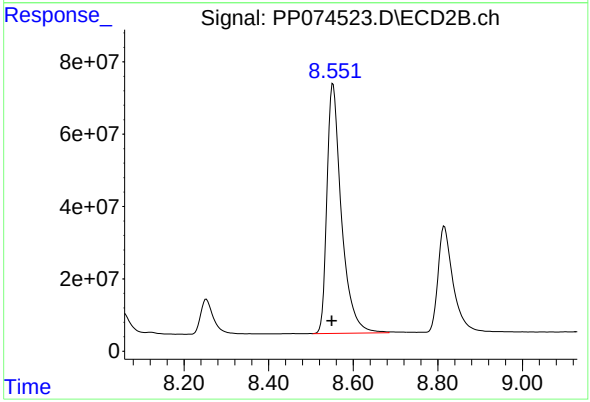
R.T.: 8.253 min
Delta R.T.: 0.003 min
Response: 201674358
Conc: 526.43 ng/ml




#45 AR-1268-5

R.T.: 10.080 min
Delta R.T.: 0.002 min
Response: 181190975
Conc: 489.48 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1268




#45 AR-1268-5

R.T.: 8.552 min
Delta R.T.: 0.003 min
Response: 1644165551
Conc: 524.26 ng/ml

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Continuing Calib Date:** 09/04/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

**Continuing Calib Time:** 18:49 **Initial Calibration Time(s):** 09:53 18:24

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.74 | 4.75 | 4.65 | 4.85 | 0.01 |
| Aroclor-1016-2 | (2) | 4.76 | 4.77 | 4.67 | 4.87 | 0.01 |
| Aroclor-1016-3 | (3) | 4.82 | 4.82 | 4.72 | 4.92 | 0.00 |
| Aroclor-1016-4 | (4) | 4.94 | 4.94 | 4.84 | 5.04 | 0.00 |
| Aroclor-1016-5 | (5) | 5.19 | 5.20 | 5.10 | 5.30 | 0.01 |
| Aroclor-1260-1 | (1) | 6.23 | 6.24 | 6.14 | 6.34 | 0.01 |
| Aroclor-1260-2 | (2) | 6.42 | 6.43 | 6.33 | 6.53 | 0.01 |
| Aroclor-1260-3 | (3) | 6.79 | 6.79 | 6.69 | 6.89 | 0.01 |
| Aroclor-1260-4 | (4) | 7.04 | 7.05 | 6.95 | 7.15 | 0.01 |
| Aroclor-1260-5 | (5) | 7.29 | 7.29 | 7.19 | 7.39 | 0.00 |
| Tetrachloro-m-xylene | | 3.66 | 3.66 | 3.56 | 3.76 | 0.00 |
| Decachlorobiphenyl | | 8.67 | 8.68 | 8.58 | 8.78 | 0.01 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Continuing Calib Date:** 09/04/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

**Continuing Calib Time:** 18:49 **Initial Calibration Time(s):** 09:53 18:24

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.73 | 4.73 | 4.63 | 4.83 | 0.01 |
| Aroclor-1016-2 | (2) | 4.74 | 4.75 | 4.65 | 4.85 | 0.01 |
| Aroclor-1016-3 | (3) | 4.92 | 4.92 | 4.82 | 5.02 | 0.00 |
| Aroclor-1016-4 | (4) | 4.96 | 4.96 | 4.86 | 5.06 | 0.00 |
| Aroclor-1016-5 | (5) | 5.17 | 5.18 | 5.08 | 5.28 | 0.01 |
| Aroclor-1260-1 | (1) | 6.20 | 6.20 | 6.10 | 6.30 | 0.00 |
| Aroclor-1260-2 | (2) | 6.39 | 6.39 | 6.29 | 6.49 | 0.00 |
| Aroclor-1260-3 | (3) | 6.54 | 6.54 | 6.44 | 6.64 | 0.00 |
| Aroclor-1260-4 | (4) | 7.01 | 7.01 | 6.91 | 7.11 | 0.00 |
| Aroclor-1260-5 | (5) | 7.25 | 7.26 | 7.16 | 7.36 | 0.01 |
| Tetrachloro-m-xylene | | 3.65 | 3.66 | 3.56 | 3.76 | 0.01 |
| Decachlorobiphenyl | | 8.62 | 8.63 | 8.53 | 8.73 | 0.01 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

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

**Client Sample No.:** CCAL01 **Date Analyzed:** 09/04/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO113478.D **Time Analyzed:** 18:49

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.742 | 4.648 | 4.848 | 561.170 | 500.000 | 12.2 |
| Aroclor-1016-2 | 4.760 | 4.666 | 4.866 | 567.370 | 500.000 | 13.5 |
| Aroclor-1016-3 | 4.817 | 4.724 | 4.924 | 564.020 | 500.000 | 12.8 |
| Aroclor-1016-4 | 4.936 | 4.843 | 5.043 | 530.830 | 500.000 | 6.2 |
| Aroclor-1016-5 | 5.194 | 5.099 | 5.299 | 564.470 | 500.000 | 12.9 |
| Aroclor-1260-1 | 6.229 | 6.136 | 6.336 | 565.000 | 500.000 | 13.0 |
| Aroclor-1260-2 | 6.419 | 6.326 | 6.526 | 559.010 | 500.000 | 11.8 |
| Aroclor-1260-3 | 6.785 | 6.691 | 6.891 | 523.800 | 500.000 | 4.8 |
| Aroclor-1260-4 | 7.044 | 6.951 | 7.151 | 509.480 | 500.000 | 1.9 |
| Aroclor-1260-5 | 7.288 | 7.194 | 7.394 | 506.110 | 500.000 | 1.2 |
| Decachlorobiphenyl | 8.674 | 8.582 | 8.782 | 47.280 | 50.000 | -5.4 |
| Tetrachloro-m-xylene | 3.659 | 3.563 | 3.763 | 56.440 | 50.000 | 12.9 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

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

**Client Sample No.:** CCAL01 **Date Analyzed:** 09/04/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO113478.D **Time Analyzed:** 18:49

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.725 | 4.629 | 4.829 | 535.510 | 500.000 | 7.1 |
| Aroclor-1016-2 | 4.743 | 4.647 | 4.847 | 524.860 | 500.000 | 5.0 |
| Aroclor-1016-3 | 4.918 | 4.822 | 5.022 | 508.170 | 500.000 | 1.6 |
| Aroclor-1016-4 | 4.960 | 4.864 | 5.064 | 492.950 | 500.000 | -1.4 |
| Aroclor-1016-5 | 5.172 | 5.076 | 5.276 | 549.030 | 500.000 | 9.8 |
| Aroclor-1260-1 | 6.199 | 6.104 | 6.304 | 472.910 | 500.000 | -5.4 |
| Aroclor-1260-2 | 6.388 | 6.292 | 6.492 | 462.220 | 500.000 | -7.6 |
| Aroclor-1260-3 | 6.539 | 6.443 | 6.643 | 432.880 | 500.000 | -13.4 |
| Aroclor-1260-4 | 7.008 | 6.912 | 7.112 | 438.660 | 500.000 | -12.3 |
| Aroclor-1260-5 | 7.250 | 7.155 | 7.355 | 433.850 | 500.000 | -13.2 |
| Decachlorobiphenyl | 8.622 | 8.528 | 8.728 | 53.330 | 50.000 | 6.7 |
| Tetrachloro-m-xylene | 3.652 | 3.555 | 3.755 | 54.050 | 50.000 | 8.1 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 18:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:34:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.659 | 3.652 | 462.0E6 | 273.5E6 | 56.435 | 54.052 |
| 2) | SA Decachlor... | 8.674 | 8.622 | 327.7E6 | 101.1E6 | 47.279 | 53.332 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.742 | 4.725 | 149.8E6 | 91343543 | 561.169 | 535.508 |
| 4) | L1 AR-1016-2 | 4.760 | 4.743 | 227.8E6 | 135.2E6 | 567.371 | 524.856 |
| 5) | L1 AR-1016-3 | 4.817 | 4.918 | 143.8E6 | 70947214 | 564.019 | 508.166 |
| 6) | L1 AR-1016-4 | 4.936 | 4.960 | 115.8E6 | 57526704 | 530.832m | 492.950 |
| 7) | L1 AR-1016-5 | 5.194 | 5.172 | 125.1E6 | 78252607 | 564.470 | 549.026 |
| 31) | L7 AR-1260-1 | 6.229 | 6.199 | 252.0E6 | 120.6E6 | 565.000 | 472.911 |
| 32) | L7 AR-1260-2 | 6.419 | 6.388 | 383.9E6 | 159.8E6 | 559.006 | 462.222 |
| 33) | L7 AR-1260-3 | 6.785 | 6.539 | 323.4E6 | 128.8E6 | 523.801 | 432.878 |
| 34) | L7 AR-1260-4 | 7.044 | 7.008 | 228.2E6 | 90912792 | 509.480 | 438.663 |
| 35) | L7 AR-1260-5 | 7.288 | 7.250 | 612.7E6 | 203.2E6 | 506.113 | 433.855 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 18:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

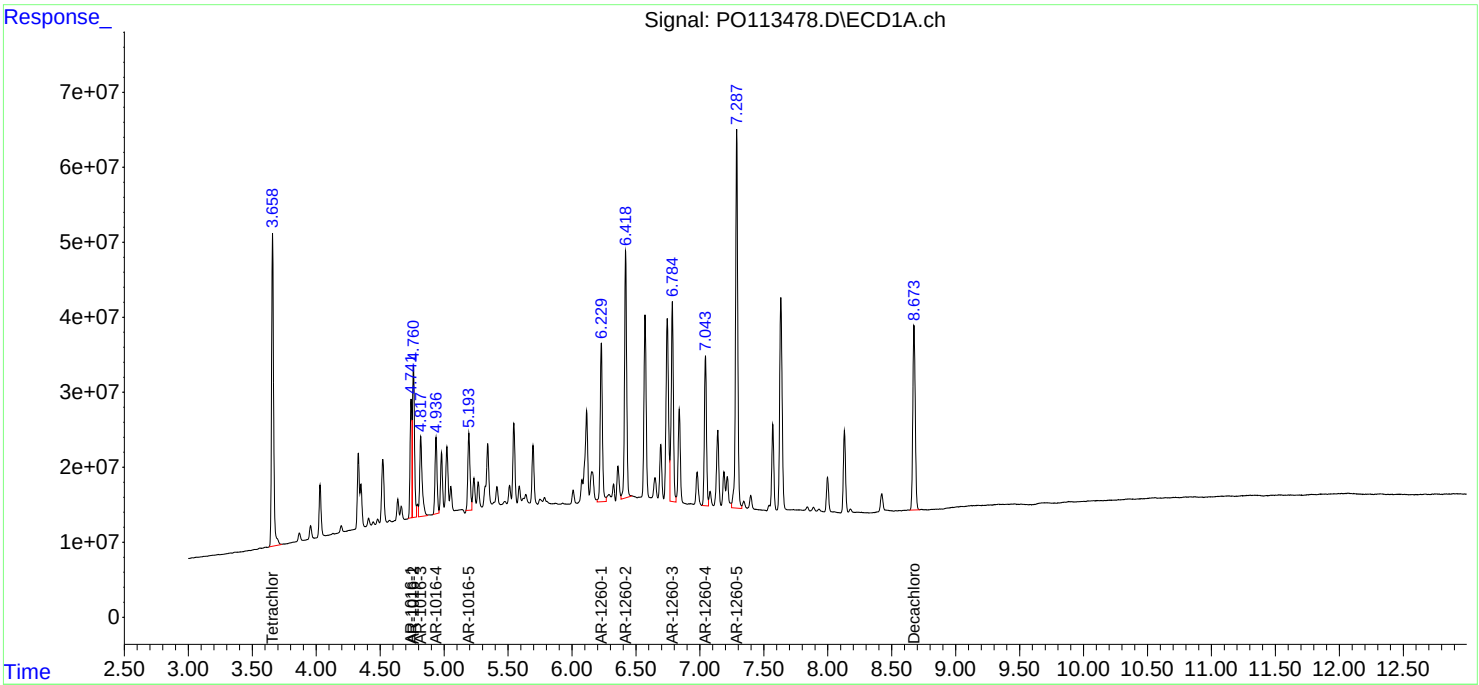
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:34:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

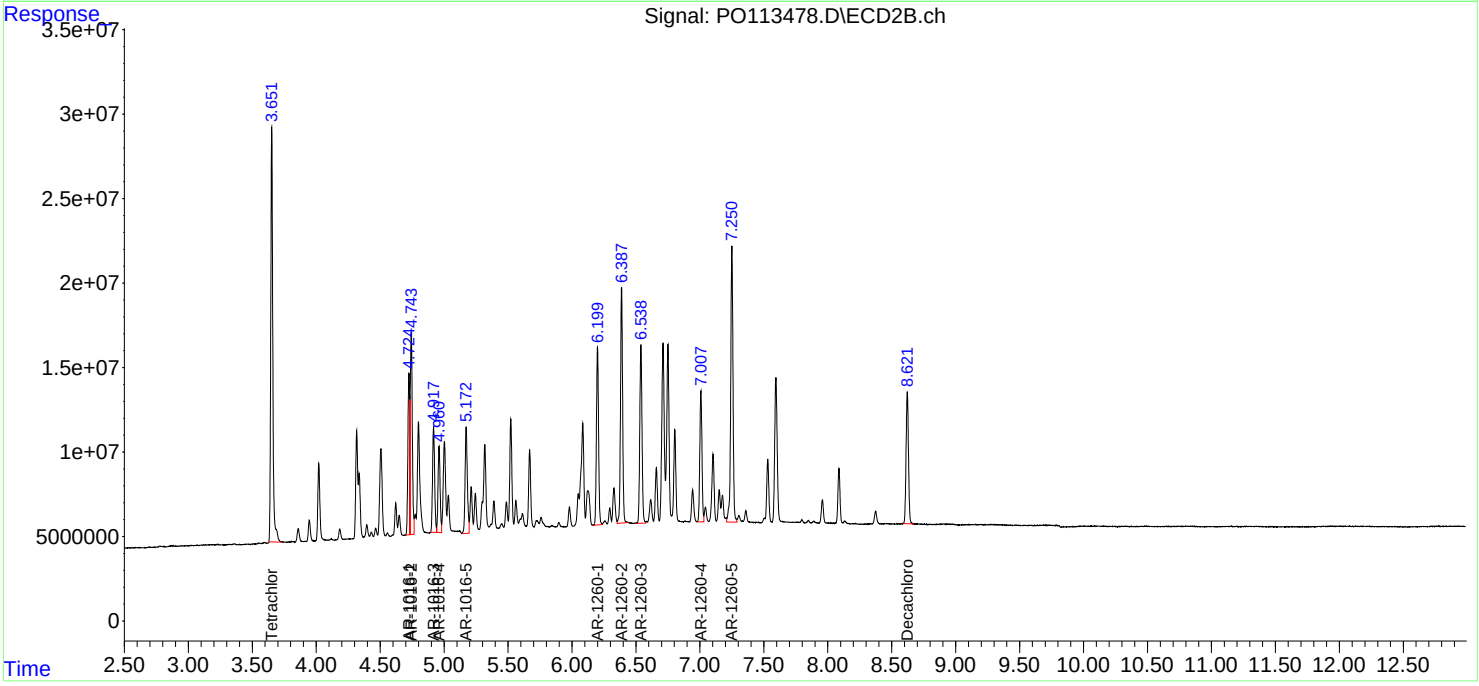
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

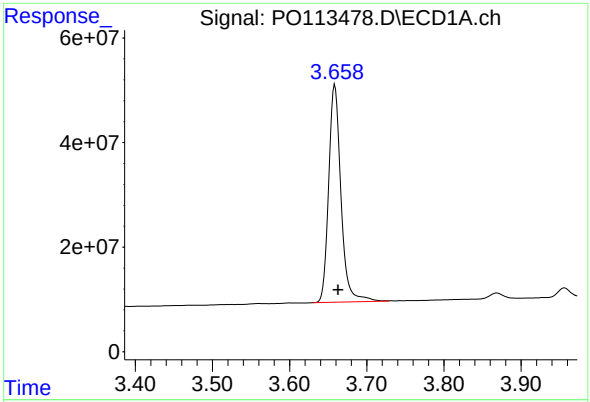
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025





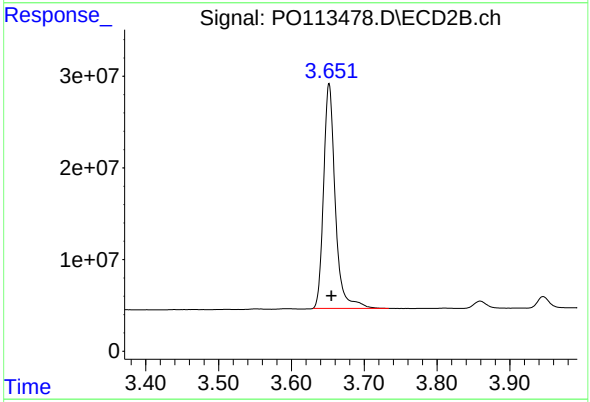

#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 462010268
Conc: 56.44 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

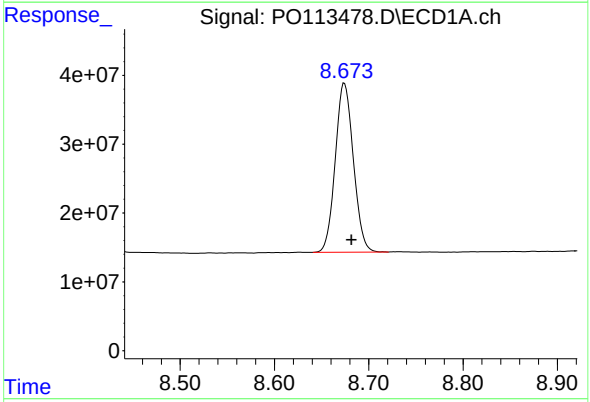
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



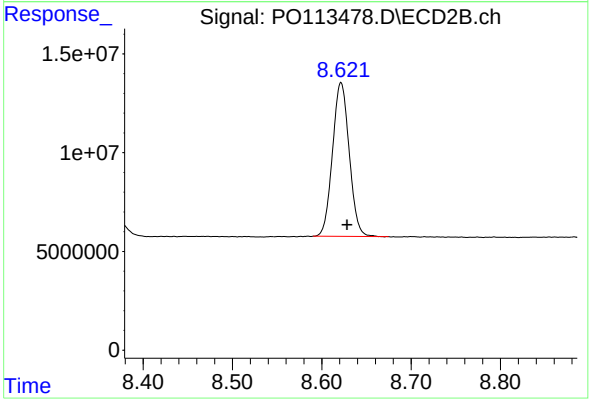

#1 Tetrachloro-m-xylene

R.T.: 3.652 min
Delta R.T.: -0.003 min
Response: 273540757
Conc: 54.05 ng/ml



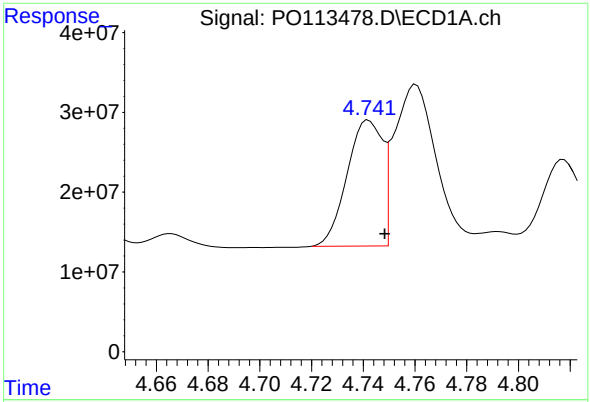

#2 Decachlorobiphenyl

R.T.: 8.674 min
Delta R.T.: -0.007 min
Response: 327710833
Conc: 47.28 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.622 min
Delta R.T.: -0.007 min
Response: 101057038
Conc: 53.33 ng/ml



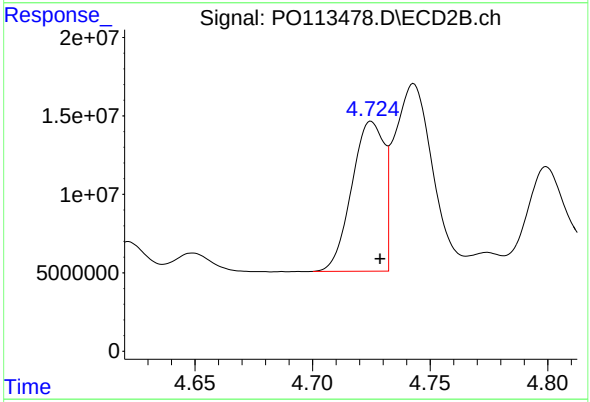

#3 AR-1016-1

R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 149823670
Conc: 561.17 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

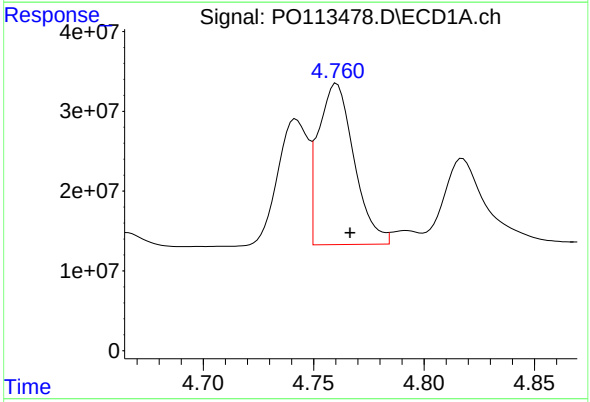
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



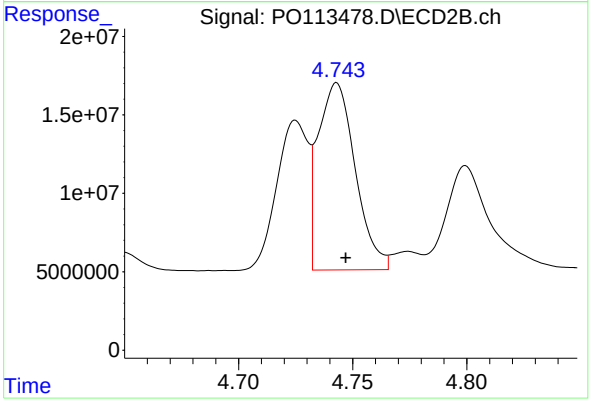

#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: -0.004 min
Response: 91343543
Conc: 535.51 ng/ml



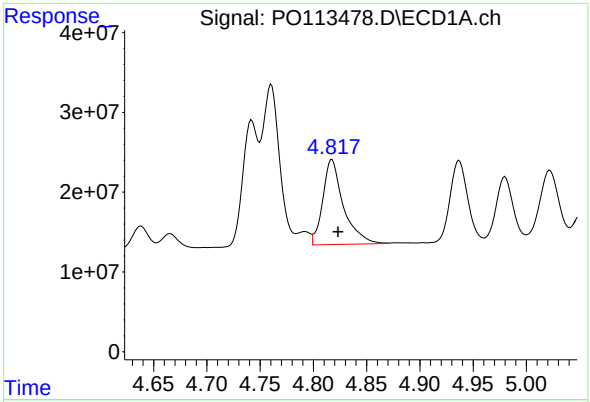

#4 AR-1016-2

R.T.: 4.760 min
Delta R.T.: -0.006 min
Response: 227760534
Conc: 567.37 ng/ml




#4 AR-1016-2

R.T.: 4.743 min
Delta R.T.: -0.004 min
Response: 135232267
Conc: 524.86 ng/ml



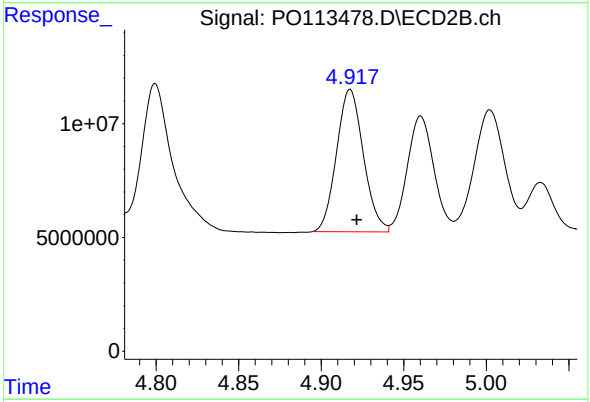

#5 AR-1016-3

R.T.: 4.817 min
Delta R.T.: -0.006 min
Response: 143837457
Conc: 564.02 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

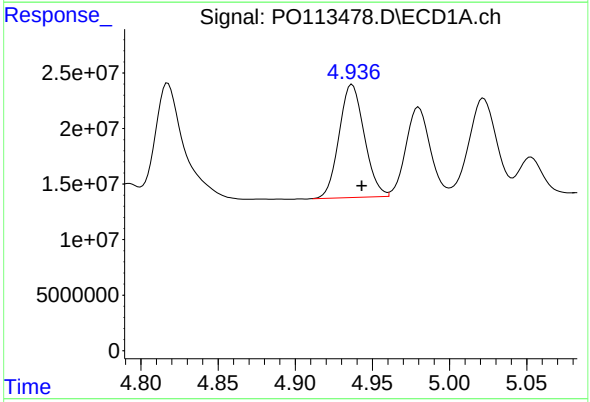
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



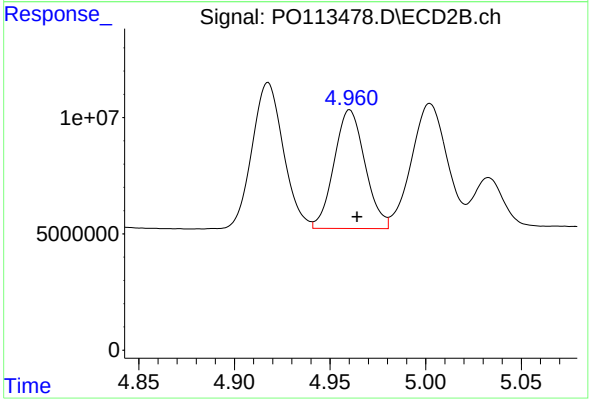

#5 AR-1016-3

R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 70947214
Conc: 508.17 ng/ml



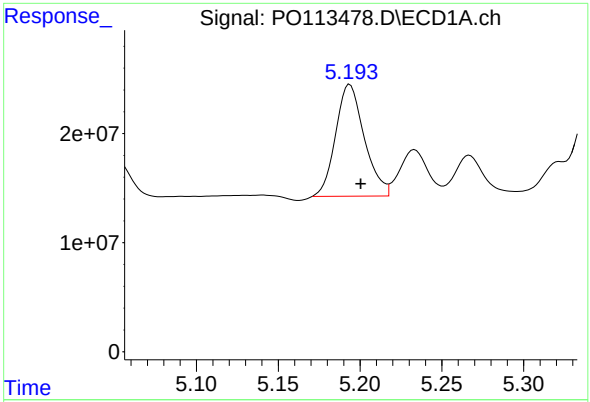

#6 AR-1016-4

R.T.: 4.936 min
Delta R.T.: -0.007 min
Response: 115757436
Conc: 530.83 ng/ml m




#6 AR-1016-4

R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 57526704
Conc: 492.95 ng/ml



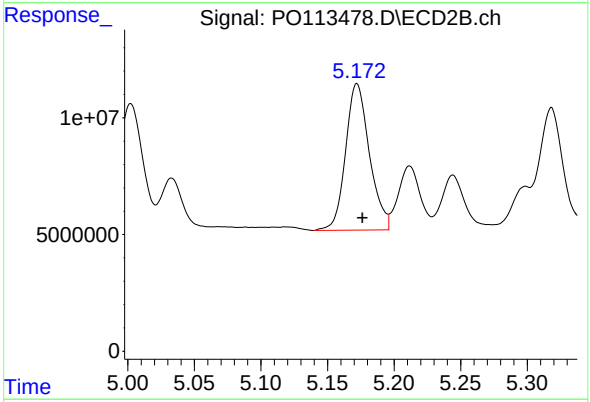

#7 AR-1016-5

R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 125102223
Conc: 564.47 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

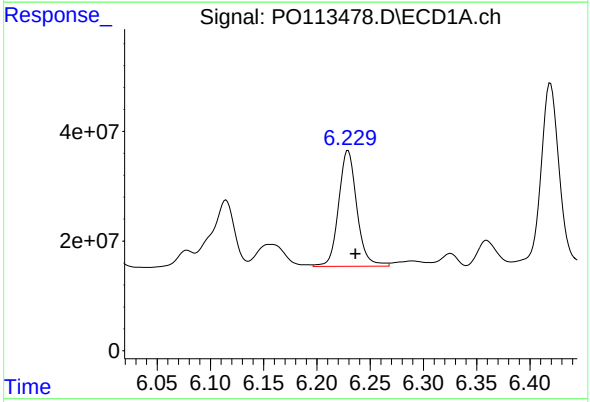
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



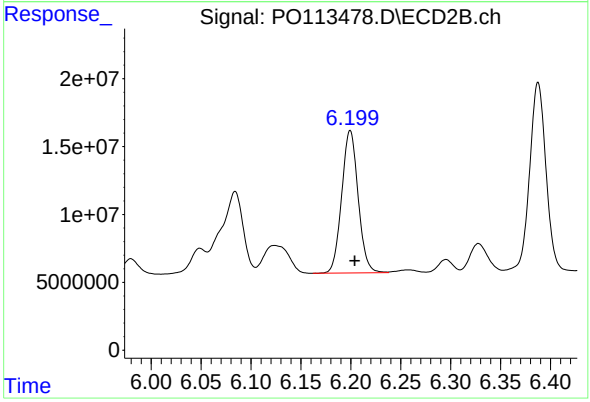

#7 AR-1016-5

R.T.: 5.172 min
Delta R.T.: -0.004 min
Response: 78252607
Conc: 549.03 ng/ml



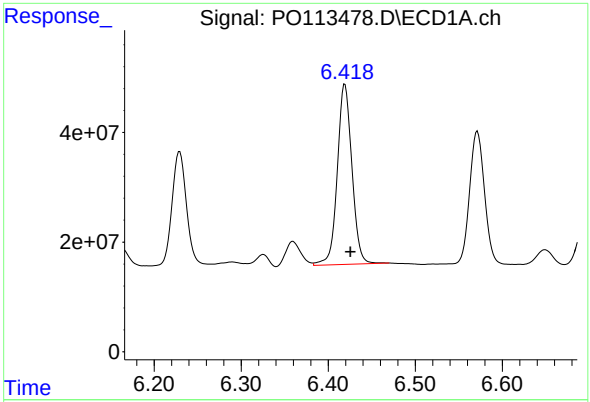

#31 AR-1260-1

R.T.: 6.229 min
Delta R.T.: -0.007 min
Response: 251979191
Conc: 565.00 ng/ml




#31 AR-1260-1

R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 120624893
Conc: 472.91 ng/ml



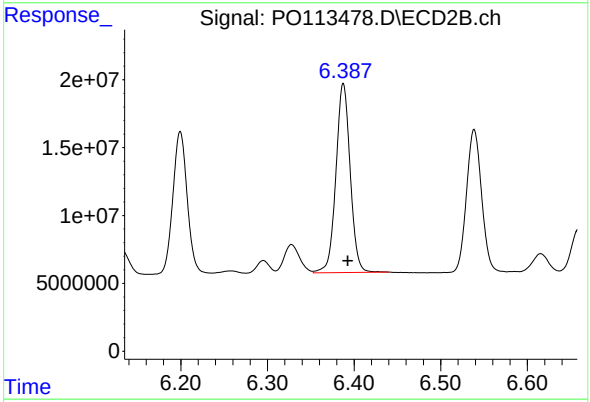

#32 AR-1260-2

R.T.: 6.419 min
Delta R.T.: -0.006 min
Response: 383881354
Conc: 559.01 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

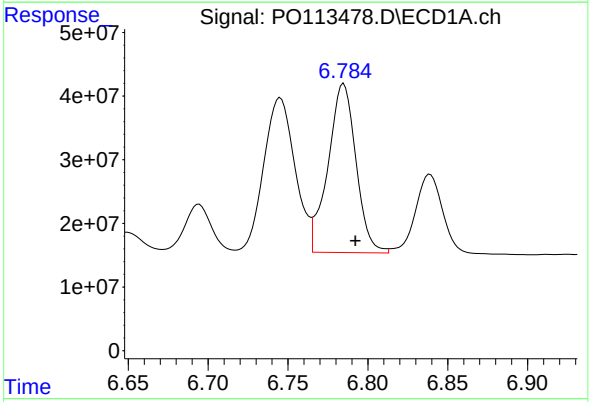
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



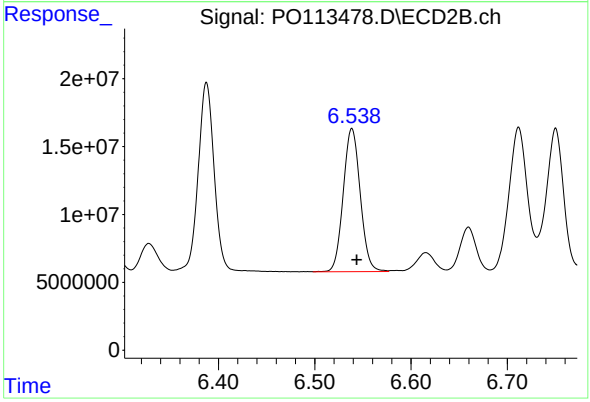

#32 AR-1260-2

R.T.: 6.388 min
Delta R.T.: -0.005 min
Response: 159795744
Conc: 462.22 ng/ml



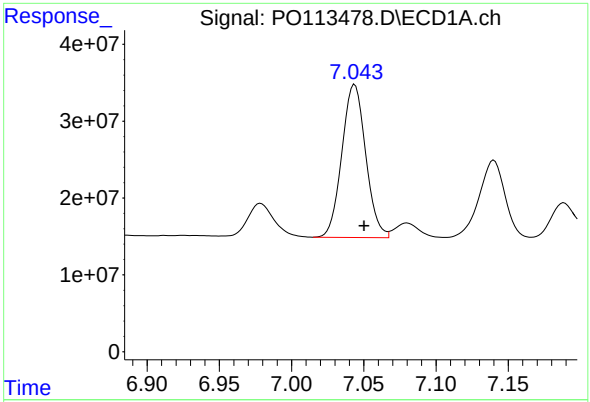

#33 AR-1260-3

R.T.: 6.785 min
Delta R.T.: -0.007 min
Response: 323433002
Conc: 523.80 ng/ml




#33 AR-1260-3

R.T.: 6.539 min
Delta R.T.: -0.005 min
Response: 128752614
Conc: 432.88 ng/ml



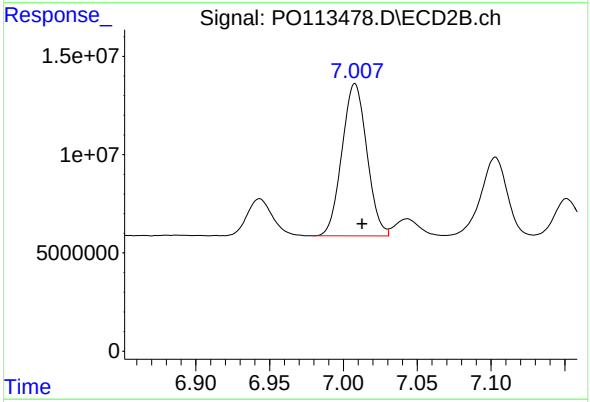

#34 AR-1260-4

R.T.: 7.044 min
Delta R.T.: -0.006 min
Response: 228183090
Conc: 509.48 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

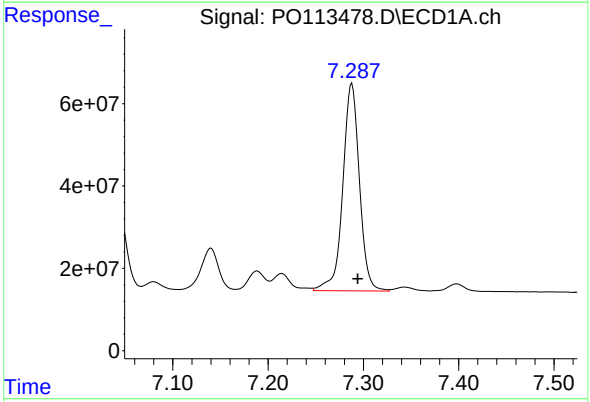
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



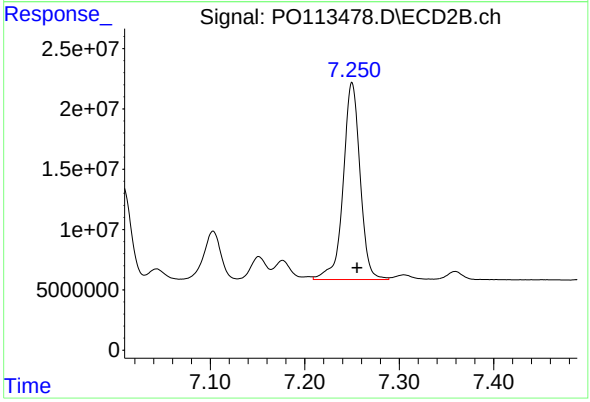

#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.005 min
Response: 90912792
Conc: 438.66 ng/ml




#35 AR-1260-5

R.T.: 7.288 min
Delta R.T.: -0.006 min
Response: 612742915
Conc: 506.11 ng/ml




#35 AR-1260-5

R.T.: 7.250 min
Delta R.T.: -0.005 min
Response: 203230302
Conc: 433.85 ng/ml

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Continuing Calib Date:** 09/04/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

**Continuing Calib Time:** 23:23 **Initial Calibration Time(s):** 09:53 18:24

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.74 | 4.75 | 4.65 | 4.85 | 0.01 |
| Aroclor-1016-2 | (2) | 4.76 | 4.77 | 4.67 | 4.87 | 0.01 |
| Aroclor-1016-3 | (3) | 4.82 | 4.82 | 4.72 | 4.92 | 0.00 |
| Aroclor-1016-4 | (4) | 4.94 | 4.94 | 4.84 | 5.04 | 0.00 |
| Aroclor-1016-5 | (5) | 5.19 | 5.20 | 5.10 | 5.30 | 0.01 |
| Aroclor-1260-1 | (1) | 6.23 | 6.24 | 6.14 | 6.34 | 0.01 |
| Aroclor-1260-2 | (2) | 6.42 | 6.43 | 6.33 | 6.53 | 0.01 |
| Aroclor-1260-3 | (3) | 6.79 | 6.79 | 6.69 | 6.89 | 0.00 |
| Aroclor-1260-4 | (4) | 7.05 | 7.05 | 6.95 | 7.15 | 0.00 |
| Aroclor-1260-5 | (5) | 7.29 | 7.29 | 7.19 | 7.39 | 0.00 |
| Tetrachloro-m-xylene | | 3.66 | 3.66 | 3.56 | 3.76 | 0.00 |
| Decachlorobiphenyl | | 8.68 | 8.68 | 8.58 | 8.78 | 0.00 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Continuing Calib Date:** 09/04/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

**Continuing Calib Time:** 23:23 **Initial Calibration Time(s):** 09:53 18:24

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.72 | 4.73 | 4.63 | 4.83 | 0.01 |
| Aroclor-1016-2 | (2) | 4.74 | 4.75 | 4.65 | 4.85 | 0.01 |
| Aroclor-1016-3 | (3) | 4.92 | 4.92 | 4.82 | 5.02 | 0.00 |
| Aroclor-1016-4 | (4) | 4.96 | 4.96 | 4.86 | 5.06 | 0.00 |
| Aroclor-1016-5 | (5) | 5.17 | 5.18 | 5.08 | 5.28 | 0.01 |
| Aroclor-1260-1 | (1) | 6.20 | 6.20 | 6.10 | 6.30 | 0.00 |
| Aroclor-1260-2 | (2) | 6.39 | 6.39 | 6.29 | 6.49 | 0.00 |
| Aroclor-1260-3 | (3) | 6.54 | 6.54 | 6.44 | 6.64 | 0.00 |
| Aroclor-1260-4 | (4) | 7.01 | 7.01 | 6.91 | 7.11 | 0.00 |
| Aroclor-1260-5 | (5) | 7.25 | 7.26 | 7.16 | 7.36 | 0.01 |
| Tetrachloro-m-xylene | | 3.65 | 3.66 | 3.56 | 3.76 | 0.01 |
| Decachlorobiphenyl | | 8.62 | 8.63 | 8.53 | 8.73 | 0.01 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

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

**Client Sample No.:** CCAL02 **Date Analyzed:** 09/04/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO113488.D **Time Analyzed:** 23:23

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.743 | 4.648 | 4.848 | 580.340 | 500.000 | 16.1 |
| Aroclor-1016-2 | 4.762 | 4.666 | 4.866 | 584.230 | 500.000 | 16.8 |
| Aroclor-1016-3 | 4.819 | 4.724 | 4.924 | 586.660 | 500.000 | 17.3 |
| Aroclor-1016-4 | 4.938 | 4.843 | 5.043 | 539.250 | 500.000 | 7.9 |
| Aroclor-1016-5 | 5.194 | 5.099 | 5.299 | 563.830 | 500.000 | 12.8 |
| Aroclor-1260-1 | 6.230 | 6.136 | 6.336 | 576.580 | 500.000 | 15.3 |
| Aroclor-1260-2 | 6.421 | 6.326 | 6.526 | 585.500 | 500.000 | 17.1 |
| Aroclor-1260-3 | 6.786 | 6.691 | 6.891 | 570.590 | 500.000 | 14.1 |
| Aroclor-1260-4 | 7.045 | 6.951 | 7.151 | 557.290 | 500.000 | 11.5 |
| Aroclor-1260-5 | 7.289 | 7.194 | 7.394 | 549.720 | 500.000 | 9.9 |
| Decachlorobiphenyl | 8.676 | 8.582 | 8.782 | 51.860 | 50.000 | 3.7 |
| Tetrachloro-m-xylene | 3.659 | 3.563 | 3.763 | 58.380 | 50.000 | 16.8 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

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

**Client Sample No.:** CCAL02 **Date Analyzed:** 09/04/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PO113488.D **Time Analyzed:** 23:23

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.724 | 4.629 | 4.829 | 535.830 | 500.000 | 7.2 |
| Aroclor-1016-2 | 4.742 | 4.647 | 4.847 | 537.790 | 500.000 | 7.6 |
| Aroclor-1016-3 | 4.916 | 4.822 | 5.022 | 516.270 | 500.000 | 3.3 |
| Aroclor-1016-4 | 4.959 | 4.864 | 5.064 | 502.990 | 500.000 | 0.6 |
| Aroclor-1016-5 | 5.171 | 5.076 | 5.276 | 573.220 | 500.000 | 14.6 |
| Aroclor-1260-1 | 6.198 | 6.104 | 6.304 | 500.660 | 500.000 | 0.1 |
| Aroclor-1260-2 | 6.387 | 6.292 | 6.492 | 488.800 | 500.000 | -2.2 |
| Aroclor-1260-3 | 6.538 | 6.443 | 6.643 | 456.710 | 500.000 | -8.7 |
| Aroclor-1260-4 | 7.007 | 6.912 | 7.112 | 470.540 | 500.000 | -5.9 |
| Aroclor-1260-5 | 7.249 | 7.155 | 7.355 | 459.290 | 500.000 | -8.1 |
| Decachlorobiphenyl | 8.620 | 8.528 | 8.728 | 55.050 | 50.000 | 10.1 |
| Tetrachloro-m-xylene | 3.651 | 3.555 | 3.755 | 54.760 | 50.000 | 9.5 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 23:23
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.659 | 3.651 | 477.9E6 | 277.1E6 | 58.377 | 54.756 |
| 2) | SA Decachlor... | 8.676 | 8.620 | 359.4E6 | 104.3E6 | 51.857 | 55.049 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.743 | 4.724 | 154.9E6 | 91398360 | 580.340 | 535.829 |
| 4) | L1 AR-1016-2 | 4.762 | 4.742 | 234.5E6 | 138.6E6 | 584.229 | 537.786 |
| 5) | L1 AR-1016-3 | 4.819 | 4.916 | 149.6E6 | 72079309 | 586.657 | 516.274 |
| 6) | L1 AR-1016-4 | 4.938 | 4.959 | 117.6E6 | 58697905 | 539.249m | 502.986 |
| 7) | L1 AR-1016-5 | 5.194 | 5.171 | 125.0E6 | 81701737 | 563.829m | 573.225 |
| 31) | L7 AR-1260-1 | 6.230 | 6.198 | 257.1E6 | 127.7E6 | 576.582m | 500.657 |
| 32) | L7 AR-1260-2 | 6.421 | 6.387 | 402.1E6 | 169.0E6 | 585.498 | 488.797 |
| 33) | L7 AR-1260-3 | 6.786 | 6.538 | 352.3E6 | 135.8E6 | 570.593 | 456.712 |
| 34) | L7 AR-1260-4 | 7.045 | 7.007 | 249.6E6 | 97518612 | 557.287 | 470.537 |
| 35) | L7 AR-1260-5 | 7.289 | 7.249 | 665.5E6 | 215.1E6 | 549.722 | 459.290 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 23:23
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

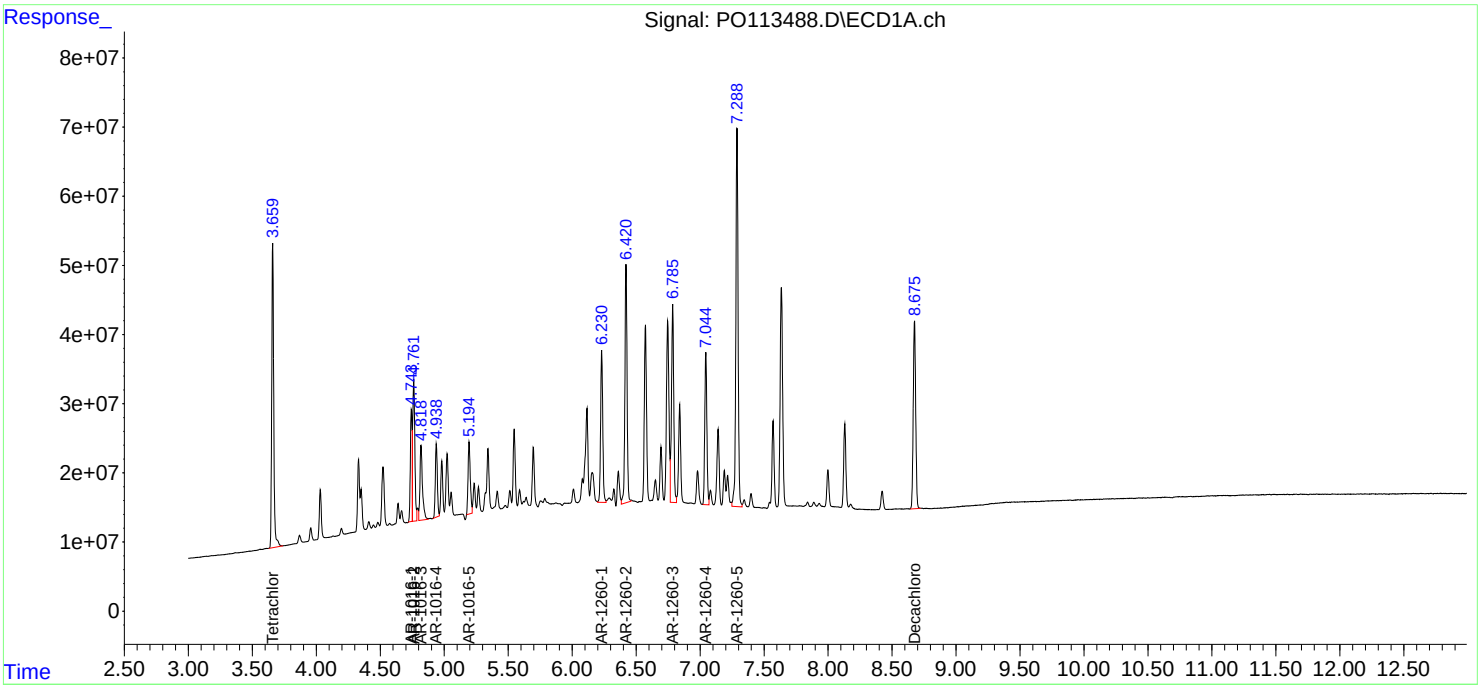
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

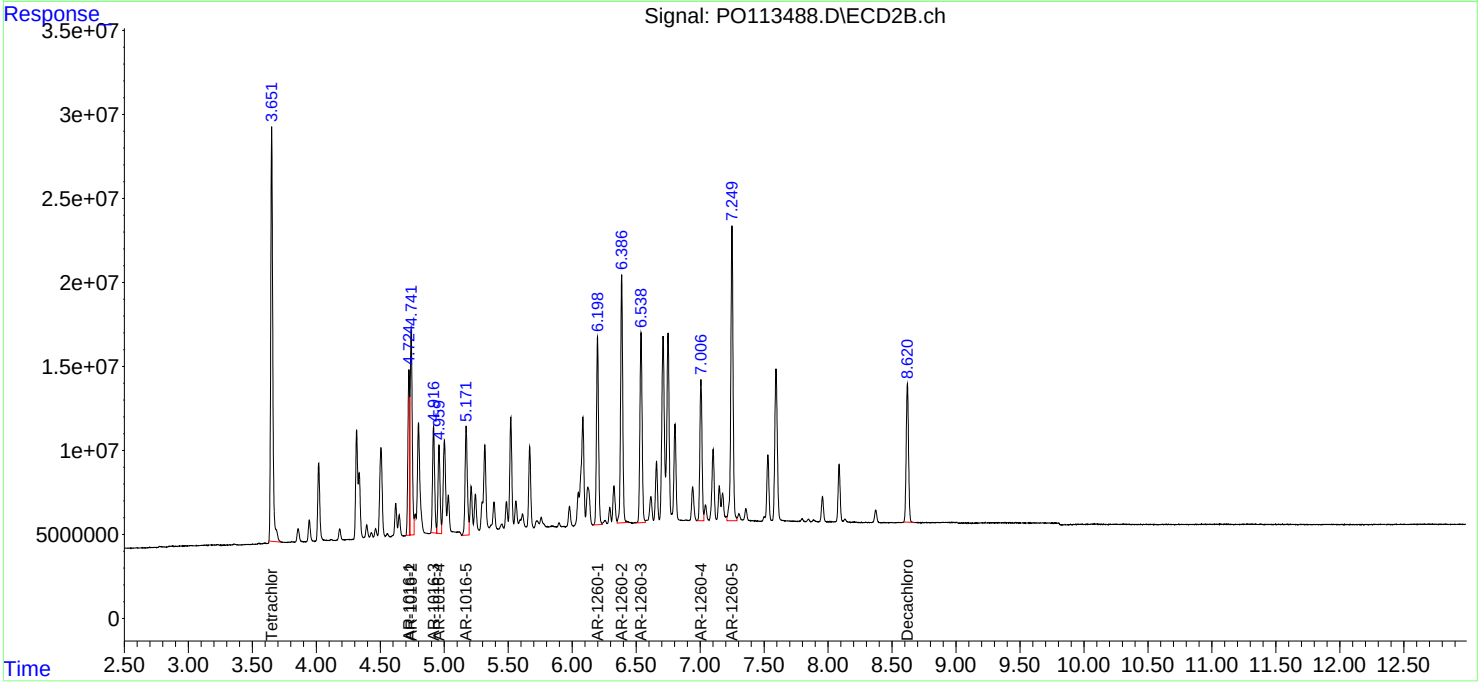
**Manual Integrations APPROVED**

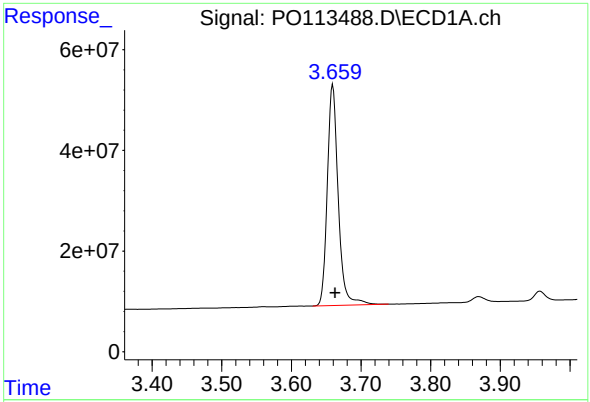
Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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





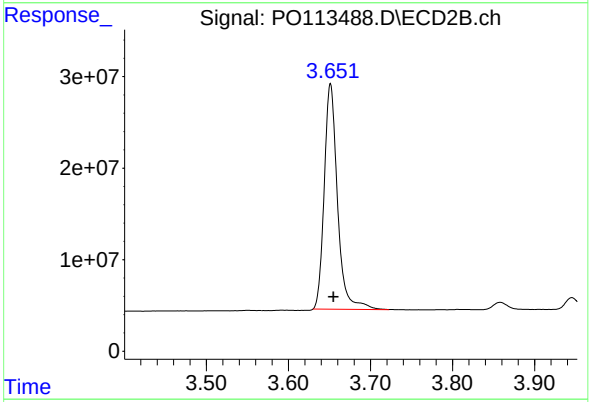

#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 477905122
Conc: 58.38 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

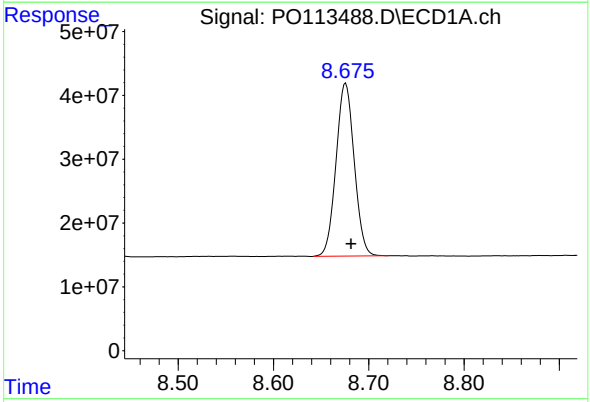
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



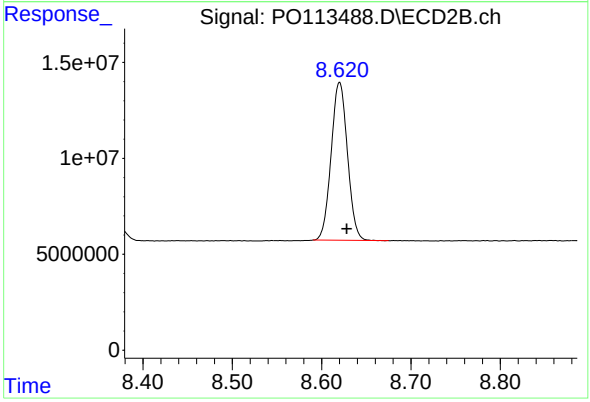

#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: -0.004 min
Response: 277101584
Conc: 54.76 ng/ml



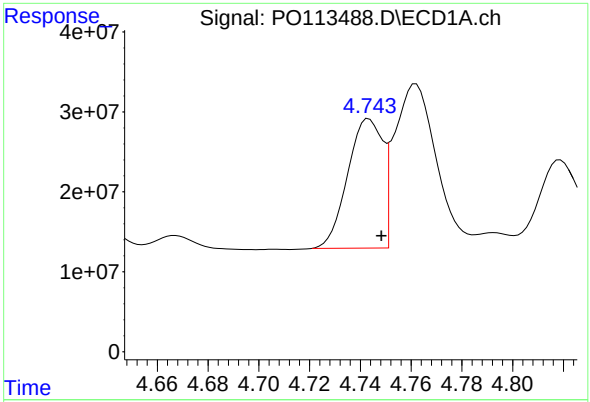

#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.006 min
Response: 359444686
Conc: 51.86 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 104309802
Conc: 55.05 ng/ml



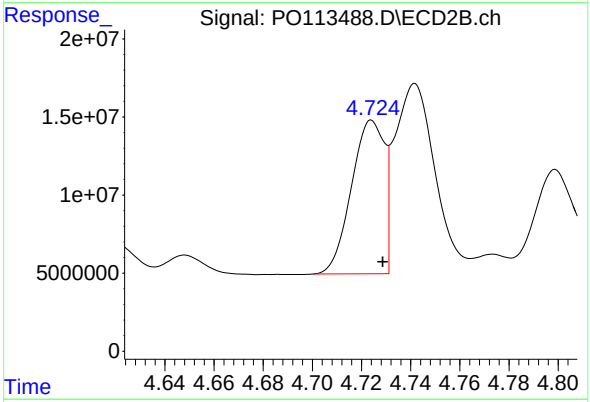

#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 154941892
Conc: 580.34 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

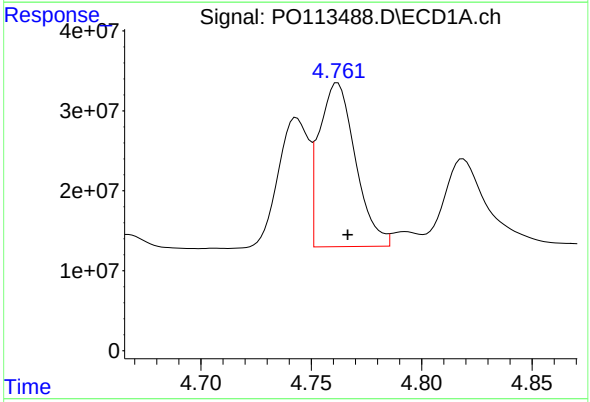
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



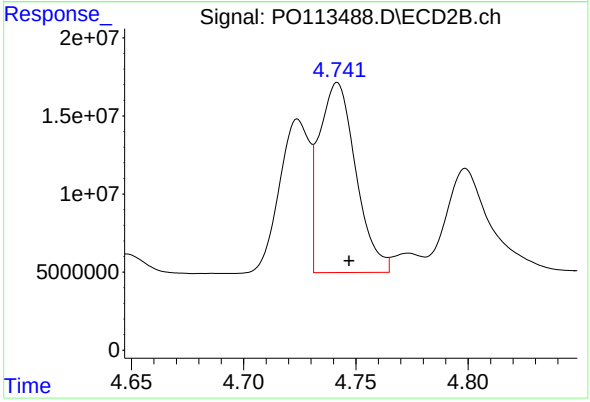

#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 91398360
Conc: 535.83 ng/ml



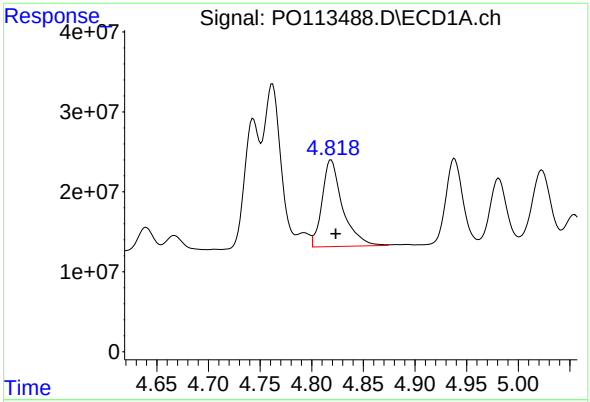

#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 234528062
Conc: 584.23 ng/ml




#4 AR-1016-2

R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 138563804
Conc: 537.79 ng/ml



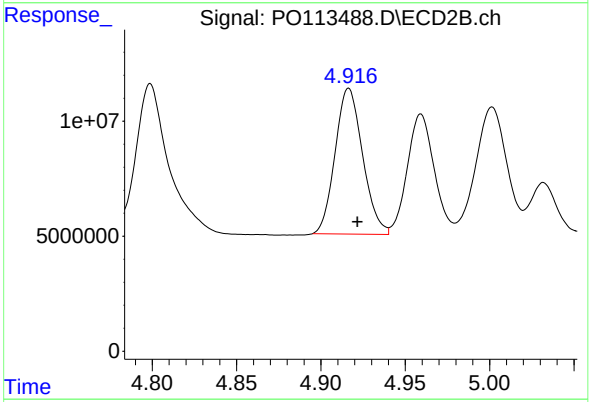

#5 AR-1016-3

R.T.: 4.819 min
Delta R.T.: -0.005 min
Response: 149610583
Conc: 586.66 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

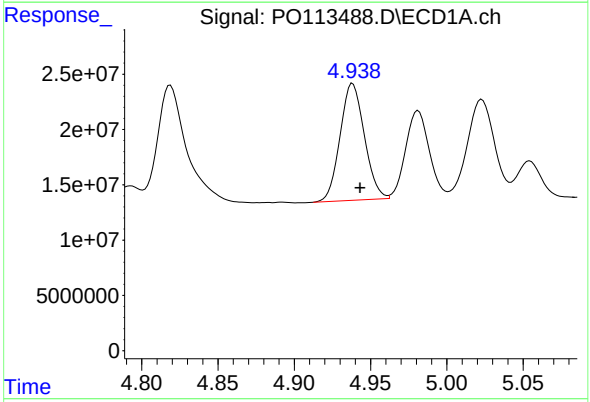
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



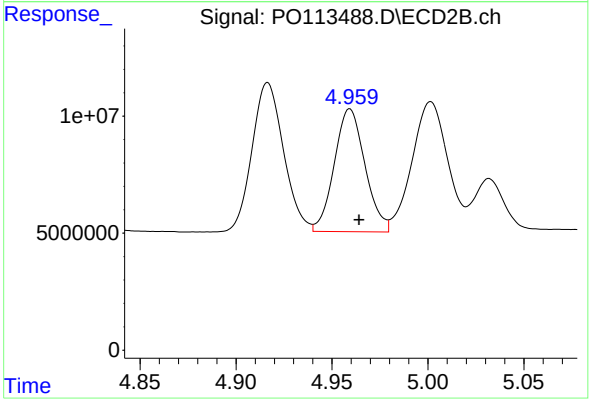

#5 AR-1016-3

R.T.: 4.916 min
Delta R.T.: -0.005 min
Response: 72079309
Conc: 516.27 ng/ml



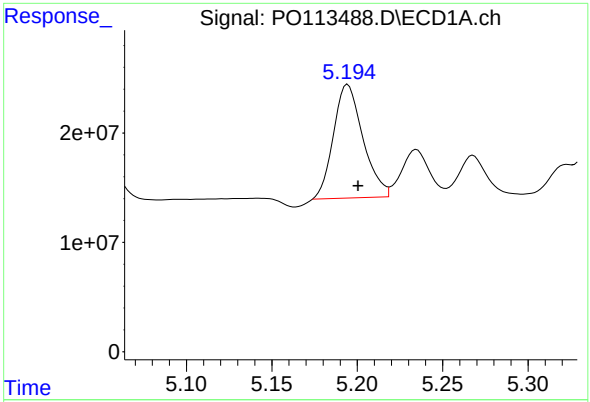

#6 AR-1016-4

R.T.: 4.938 min
Delta R.T.: -0.006 min
Response: 117592989
Conc: 539.25 ng/ml m




#6 AR-1016-4

R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 58697905
Conc: 502.99 ng/ml



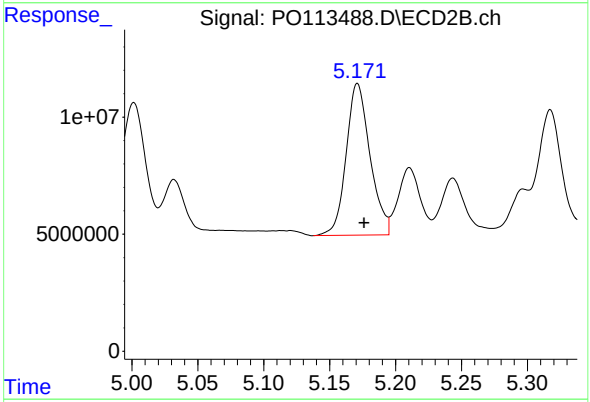

#7 AR-1016-5

R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 124960317
Conc: 563.83 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

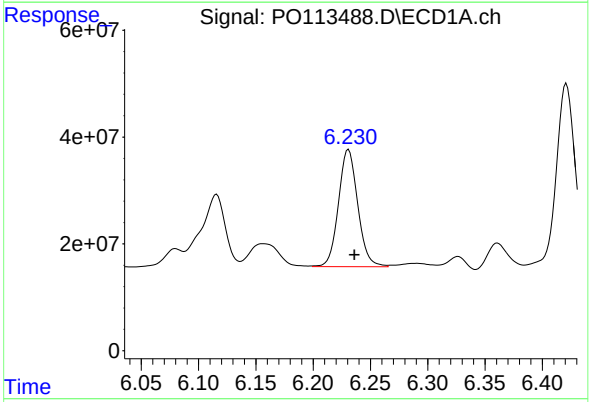
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



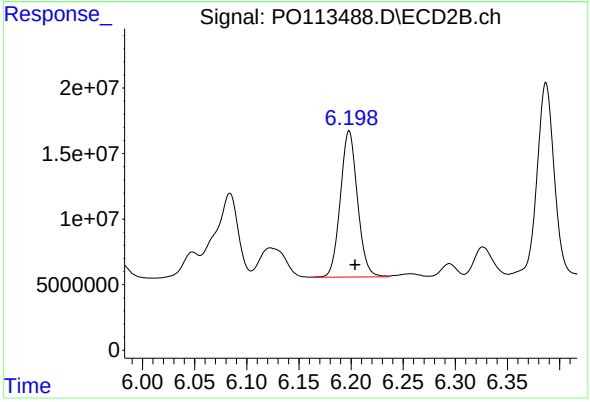

#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 81701737
Conc: 573.22 ng/ml



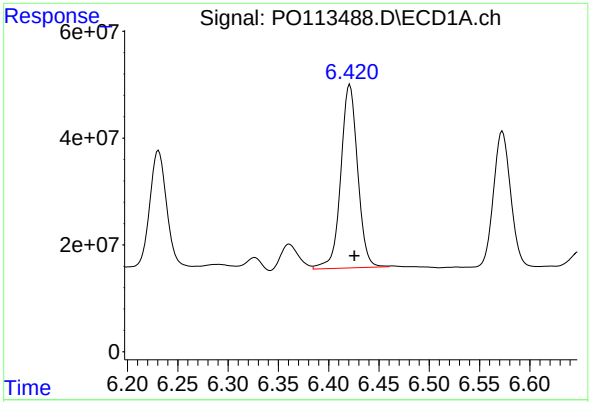

#31 AR-1260-1

R.T.: 6.230 min
Delta R.T.: -0.006 min
Response: 257144494
Conc: 576.58 ng/ml m




#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 127701928
Conc: 500.66 ng/ml



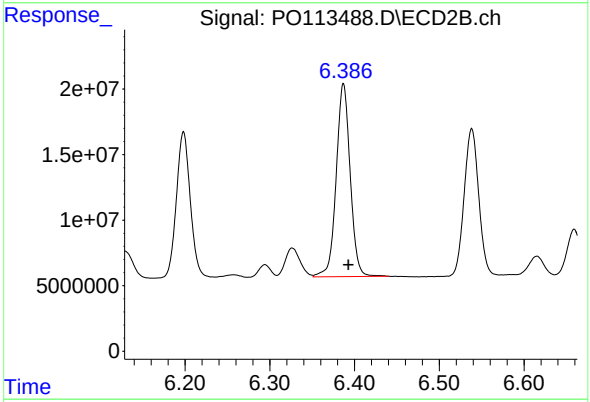

#32 AR-1260-2

R.T.: 6.421 min
Delta R.T.: -0.004 min
Response: 402073769
Conc: 585.50 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

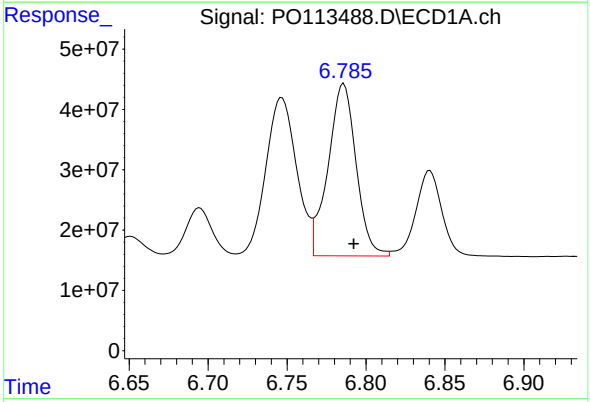
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



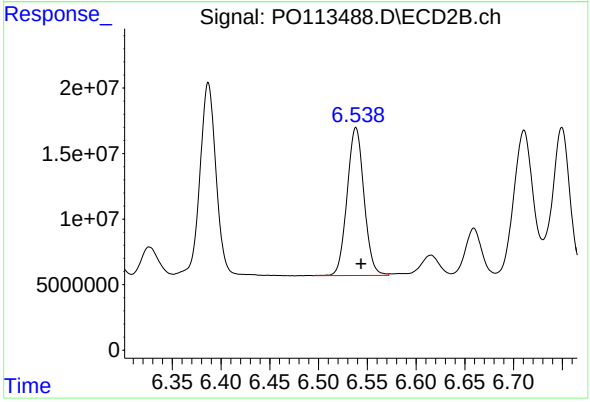

#32 AR-1260-2

R.T.: 6.387 min
Delta R.T.: -0.006 min
Response: 168982802
Conc: 488.80 ng/ml



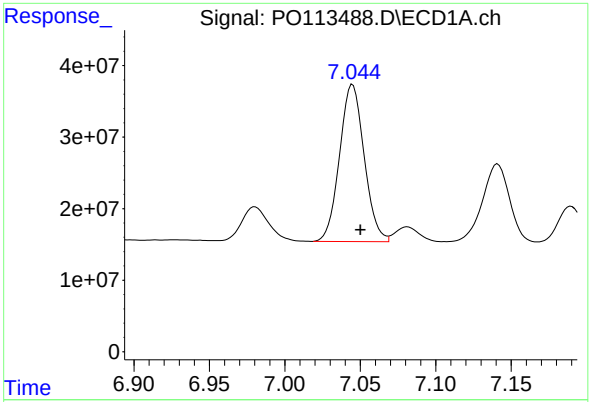

#33 AR-1260-3

R.T.: 6.786 min
Delta R.T.: -0.006 min
Response: 352326253
Conc: 570.59 ng/ml




#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.005 min
Response: 135841653
Conc: 456.71 ng/ml



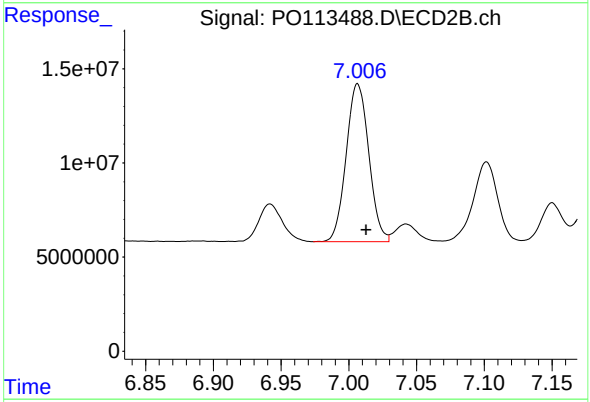

#34 AR-1260-4

R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 249594753
Conc: 557.29 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

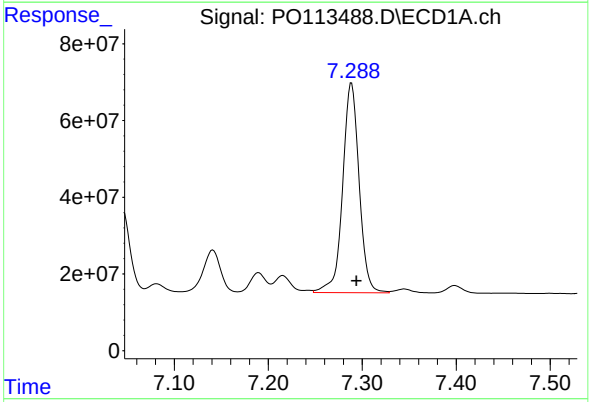
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



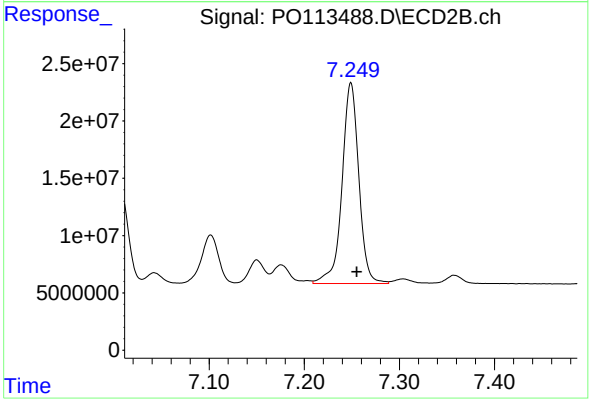

#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.006 min
Response: 97518612
Conc: 470.54 ng/ml




#35 AR-1260-5

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 665539939
Conc: 549.72 ng/ml




#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 215144999
Conc: 459.29 ng/ml

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Continuing Calib Date:** 09/05/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

**Continuing Calib Time:** 08:40 **Initial Calibration Time(s):** 10:02 17:36

**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) | 5.81 | 5.81 | 5.71 | 5.91 | 0.00 |
| Aroclor-1016-2 | (2) | 5.83 | 5.83 | 5.73 | 5.93 | 0.00 |
| Aroclor-1016-3 | (3) | 5.89 | 5.89 | 5.79 | 5.99 | 0.00 |
| Aroclor-1016-4 | (4) | 5.99 | 5.99 | 5.89 | 6.09 | 0.00 |
| Aroclor-1016-5 | (5) | 6.28 | 6.28 | 6.18 | 6.38 | 0.00 |
| Aroclor-1260-1 | (1) | 7.40 | 7.40 | 7.30 | 7.50 | 0.00 |
| Aroclor-1260-2 | (2) | 7.65 | 7.65 | 7.55 | 7.75 | 0.00 |
| Aroclor-1260-3 | (3) | 8.01 | 8.01 | 7.91 | 8.11 | 0.00 |
| Aroclor-1260-4 | (4) | 8.24 | 8.24 | 8.14 | 8.34 | 0.00 |
| Aroclor-1260-5 | (5) | 8.56 | 8.56 | 8.46 | 8.66 | 0.00 |
| Tetrachloro-m-xylene | | 4.65 | 4.65 | 4.55 | 4.75 | 0.00 |
| Decachlorobiphenyl | | 10.43 | 10.43 | 10.33 | 10.53 | 0.00 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Continuing Calib Date:** 09/05/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

**Continuing Calib Time:** 08:40 **Initial Calibration Time(s):** 10:02 17:36

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.89 | 4.90 | 4.80 | 5.00 | 0.01 |
| Aroclor-1016-2 | (2) | 4.95 | 4.96 | 4.86 | 5.06 | 0.01 |
| Aroclor-1016-3 | (3) | 5.07 | 5.08 | 4.98 | 5.18 | 0.01 |
| Aroclor-1016-4 | (4) | 5.11 | 5.12 | 5.02 | 5.22 | 0.01 |
| Aroclor-1016-5 | (5) | 5.33 | 5.33 | 5.23 | 5.43 | 0.00 |
| Aroclor-1260-1 | (1) | 6.36 | 6.36 | 6.26 | 6.46 | 0.00 |
| Aroclor-1260-2 | (2) | 6.54 | 6.55 | 6.45 | 6.65 | 0.01 |
| Aroclor-1260-3 | (3) | 6.70 | 6.70 | 6.60 | 6.80 | 0.00 |
| Aroclor-1260-4 | (4) | 7.17 | 7.17 | 7.07 | 7.27 | 0.00 |
| Aroclor-1260-5 | (5) | 7.41 | 7.41 | 7.31 | 7.51 | 0.00 |
| Tetrachloro-m-xylene | | 3.79 | 3.80 | 3.70 | 3.90 | 0.01 |
| Decachlorobiphenyl | | 8.81 | 8.82 | 8.72 | 8.92 | 0.01 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 09/05/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP074886.D **Time Analyzed:** 08:40

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 5.806 | 5.706 | 5.906 | 509.440 | 500.000 | 1.9 |
| Aroclor-1016-2 | 5.827 | 5.727 | 5.927 | 530.120 | 500.000 | 6.0 |
| Aroclor-1016-3 | 5.890 | 5.790 | 5.990 | 478.420 | 500.000 | -4.3 |
| Aroclor-1016-4 | 5.988 | 5.888 | 6.088 | 508.630 | 500.000 | 1.7 |
| Aroclor-1016-5 | 6.280 | 6.180 | 6.380 | 528.550 | 500.000 | 5.7 |
| Aroclor-1260-1 | 7.397 | 7.297 | 7.497 | 490.460 | 500.000 | -1.9 |
| Aroclor-1260-2 | 7.650 | 7.550 | 7.750 | 485.610 | 500.000 | -2.9 |
| Aroclor-1260-3 | 8.008 | 7.908 | 8.108 | 516.920 | 500.000 | 3.4 |
| Aroclor-1260-4 | 8.236 | 8.136 | 8.336 | 496.700 | 500.000 | -0.7 |
| Aroclor-1260-5 | 8.562 | 8.462 | 8.662 | 476.630 | 500.000 | -4.7 |
| Decachlorobiphenyl | 10.433 | 10.333 | 10.533 | 56.080 | 50.000 | 12.2 |
| Tetrachloro-m-xylene | 4.654 | 4.554 | 4.754 | 53.210 | 50.000 | 6.4 |

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 09/05/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP074886.D **Time Analyzed:** 08:40

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.893 | 4.799 | 4.999 | 555.770 | 500.000 | 11.2 |
| Aroclor-1016-2 | 4.952 | 4.855 | 5.055 | 568.340 | 500.000 | 13.7 |
| Aroclor-1016-3 | 5.072 | 4.976 | 5.176 | 539.900 | 500.000 | 8.0 |
| Aroclor-1016-4 | 5.112 | 5.017 | 5.217 | 528.240 | 500.000 | 5.6 |
| Aroclor-1016-5 | 5.327 | 5.231 | 5.431 | 475.800 | 500.000 | -4.8 |
| Aroclor-1260-1 | 6.357 | 6.261 | 6.461 | 508.560 | 500.000 | 1.7 |
| Aroclor-1260-2 | 6.542 | 6.448 | 6.648 | 499.680 | 500.000 | -0.1 |
| Aroclor-1260-3 | 6.696 | 6.602 | 6.802 | 450.490 | 500.000 | -9.9 |
| Aroclor-1260-4 | 7.166 | 7.072 | 7.272 | 489.810 | 500.000 | -2.0 |
| Aroclor-1260-5 | 7.405 | 7.311 | 7.511 | 473.770 | 500.000 | -5.2 |
| Decachlorobiphenyl | 8.806 | 8.715 | 8.915 | 55.940 | 50.000 | 11.9 |
| Tetrachloro-m-xylene | 3.794 | 3.699 | 3.899 | 59.900 | 50.000 | 19.8 |

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 08:40
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:33:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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 | 3.794 | 65113072 | 289.6E6 | 53.210 | 59.900m |
| 2) | SA Decachlor... | 10.433 | 8.806 | 55383628 | 419.5E6 | 56.084 | 55.944 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.806 | 4.893 | 22460820 | 283.1E6 | 509.444 | 555.765 |
| 4) | L1 AR-1016-2 | 5.827 | 4.952 | 33313652 | 135.3E6 | 530.121 | 568.339 |
| 5) | L1 AR-1016-3 | 5.890 | 5.072 | 21487838 | 74454459 | 478.423 | 539.902 |
| 6) | L1 AR-1016-4 | 5.988 | 5.112 | 17894407 | 73849165 | 508.627 | 528.236 |
| 7) | L1 AR-1016-5 | 6.280 | 5.327 | 17540594 | 79023130 | 528.553 | 475.804 |
| 31) | L7 AR-1260-1 | 7.397 | 6.357 | 28353542 | 190.8E6 | 490.465 | 508.560 |
| 32) | L7 AR-1260-2 | 7.650 | 6.542 | 33466693 | 264.2E6 | 485.605 | 499.680 |
| 33) | L7 AR-1260-3 | 8.008 | 6.696 | 26820361 | 195.1E6 | 516.917 | 450.488 |
| 34) | L7 AR-1260-4 | 8.236 | 7.166 | 31685900 | 186.9E6 | 496.701 | 489.815 |
| 35) | L7 AR-1260-5 | 8.562 | 7.405 | 54055544 | 475.9E6 | 476.629 | 473.774 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 08:40
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

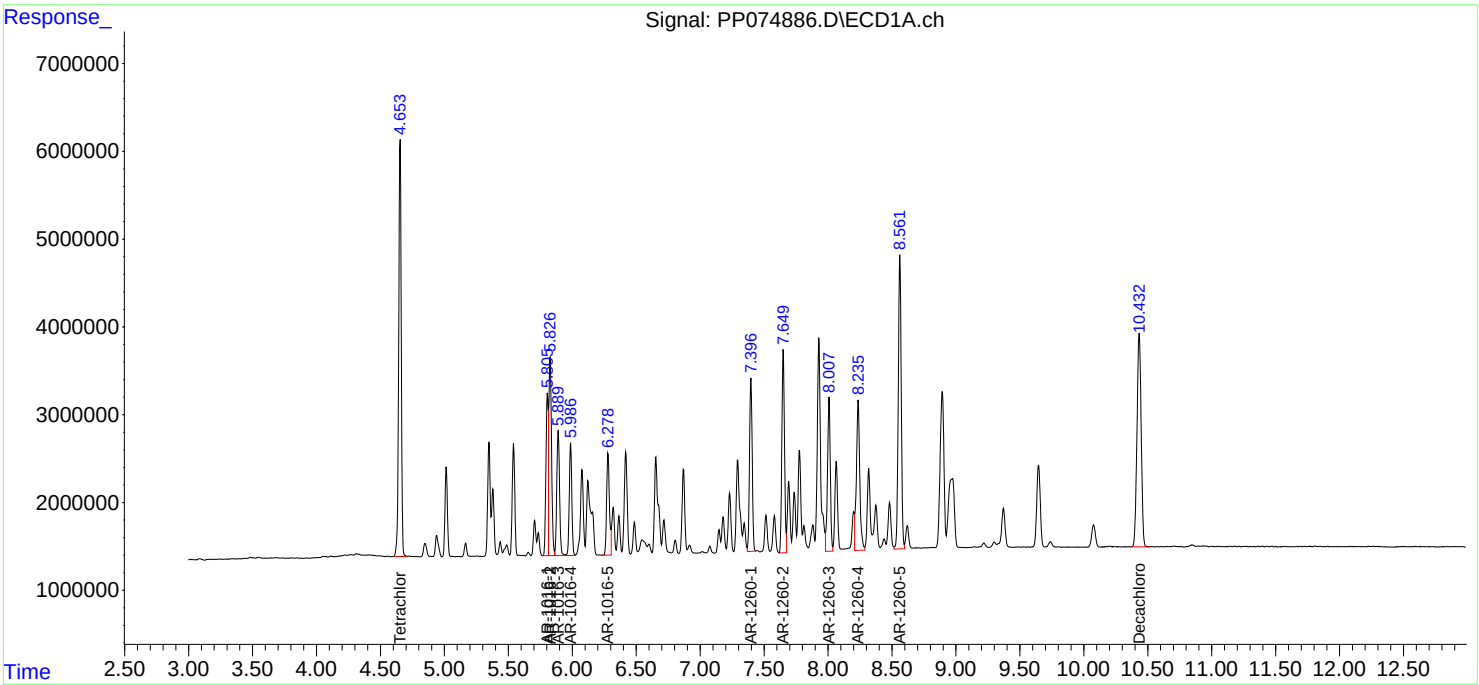
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

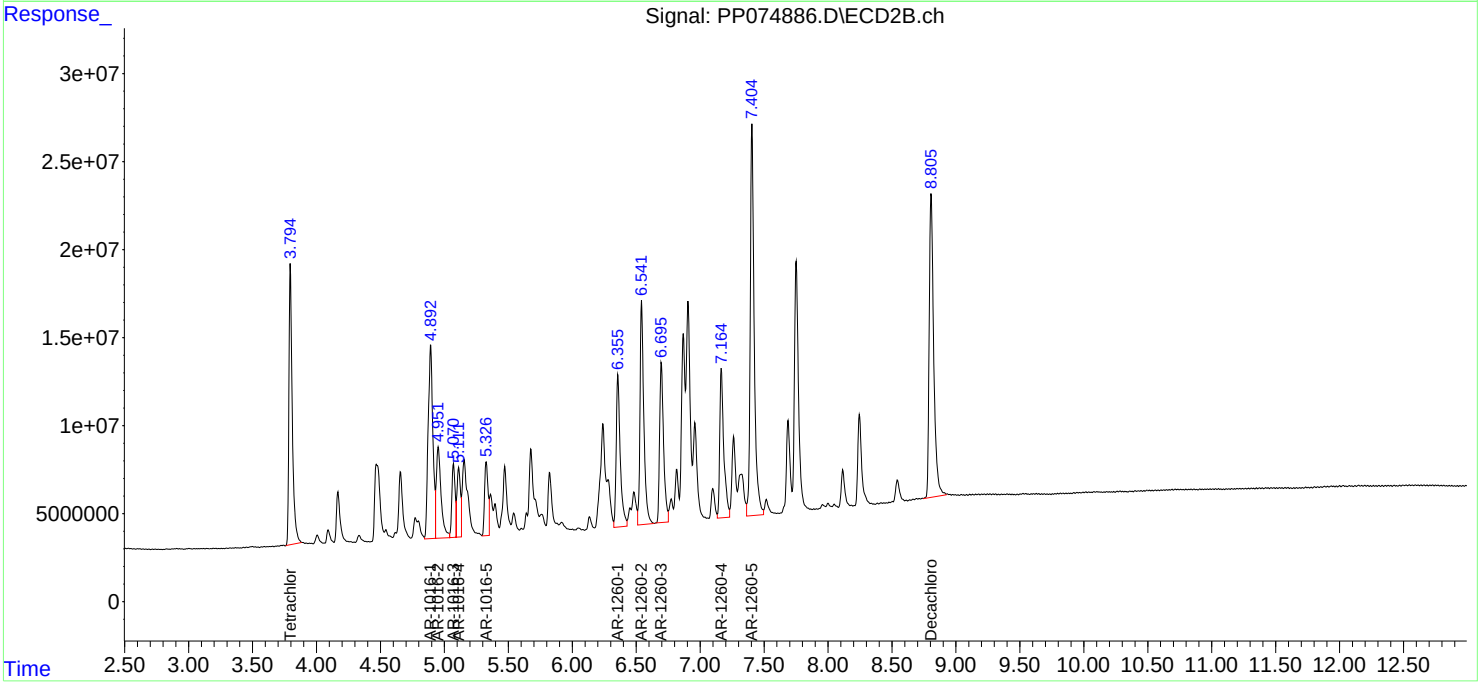
**Manual Integrations APPROVED**

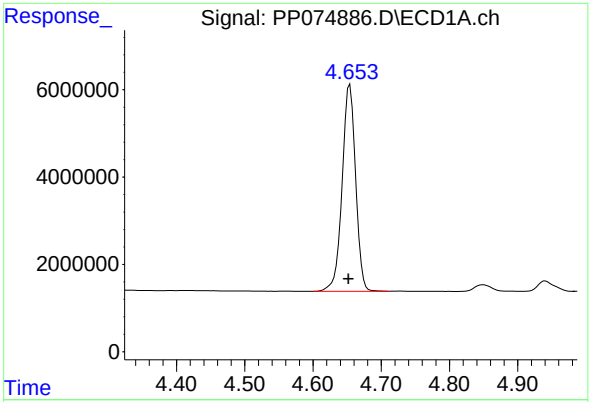
Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:33:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





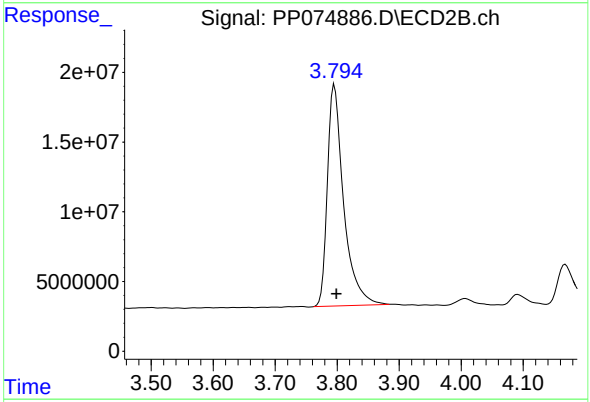

#1 Tetrachloro-m-xylene

R.T.: 4.654 min
Delta R.T.: 0.002 min
Response: 65113072
Conc: 53.21 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

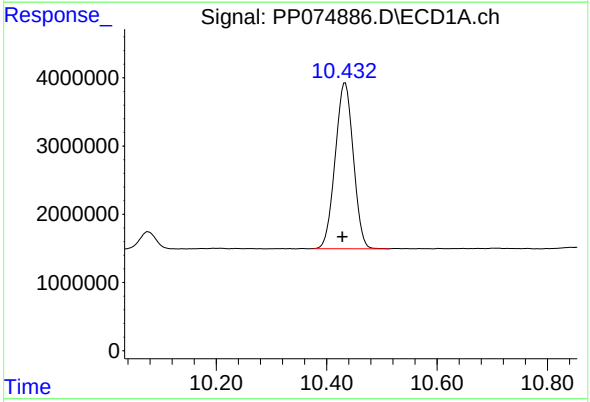
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



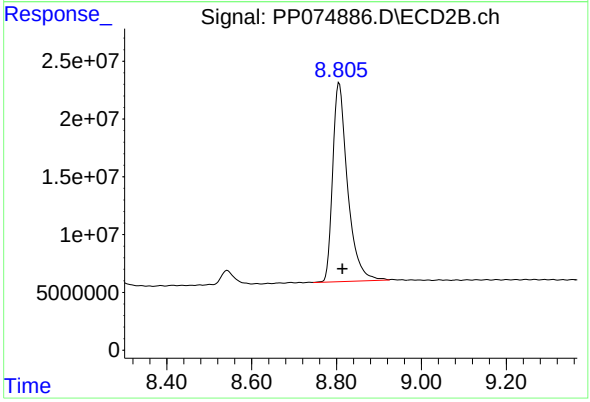

#1 Tetrachloro-m-xylene

R.T.: 3.794 min
Delta R.T.: -0.005 min
Response: 289643564
Conc: 59.90 ng/ml m



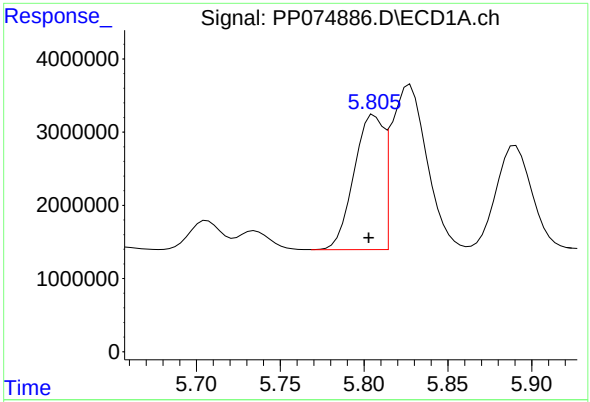

#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.005 min
Response: 55383628
Conc: 56.08 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.806 min
Delta R.T.: -0.008 min
Response: 419535021
Conc: 55.94 ng/ml



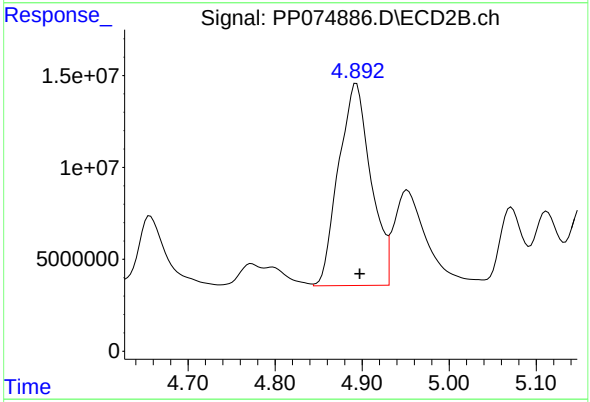

#3 AR-1016-1

R.T.: 5.806 min
Delta R.T.: 0.003 min
Response: 22460820
Conc: 509.44 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

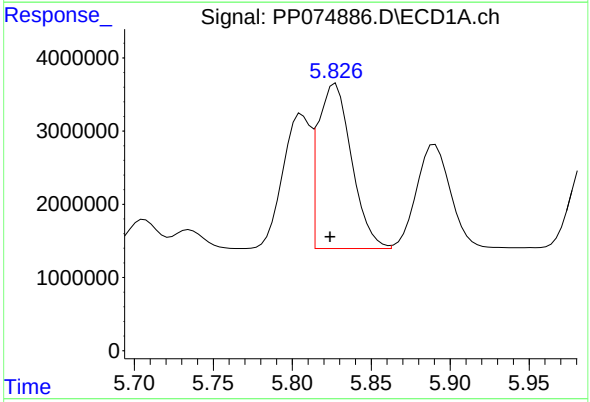
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



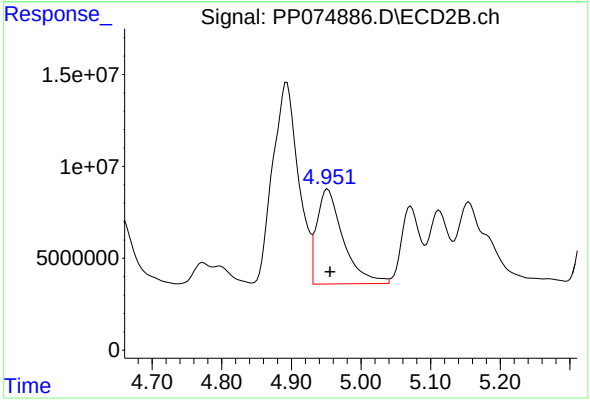

#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: -0.004 min
Response: 283081035
Conc: 555.77 ng/ml



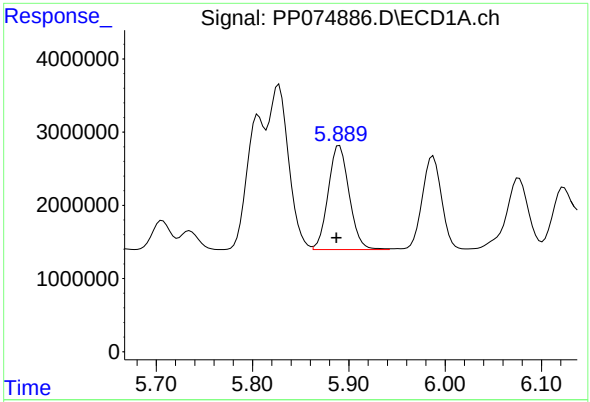

#4 AR-1016-2

R.T.: 5.827 min
Delta R.T.: 0.003 min
Response: 33313652
Conc: 530.12 ng/ml




#4 AR-1016-2

R.T.: 4.952 min
Delta R.T.: -0.003 min
Response: 135273524
Conc: 568.34 ng/ml



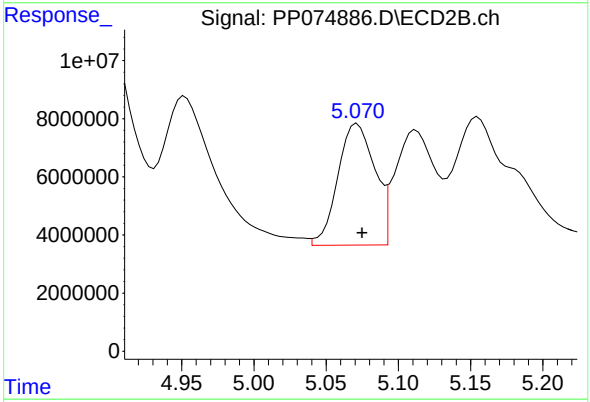

#5 AR-1016-3

R.T.: 5.890 min
Delta R.T.: 0.003 min
Response: 21487838
Conc: 478.42 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

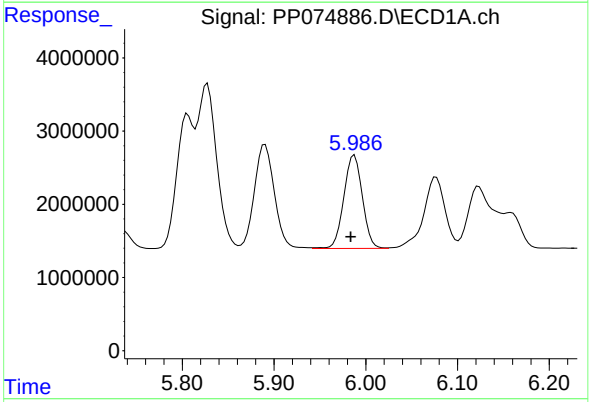
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



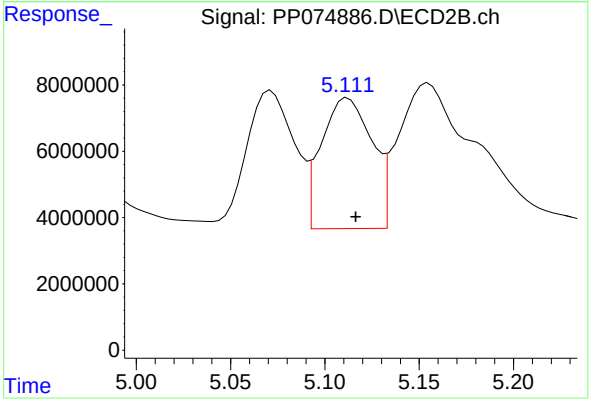

#5 AR-1016-3

R.T.: 5.072 min
Delta R.T.: -0.003 min
Response: 74454459
Conc: 539.90 ng/ml



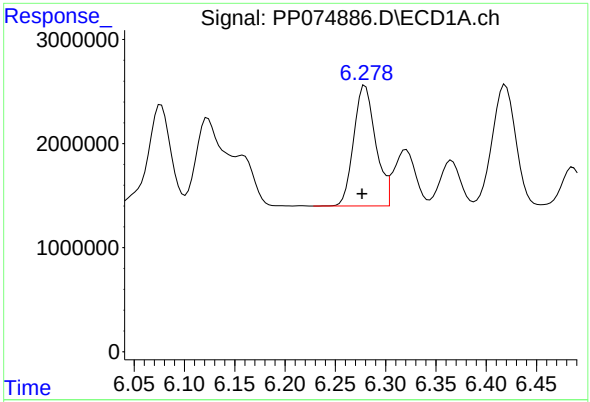

#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: 0.004 min
Response: 17894407
Conc: 508.63 ng/ml




#6 AR-1016-4

R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 73849165
Conc: 528.24 ng/ml



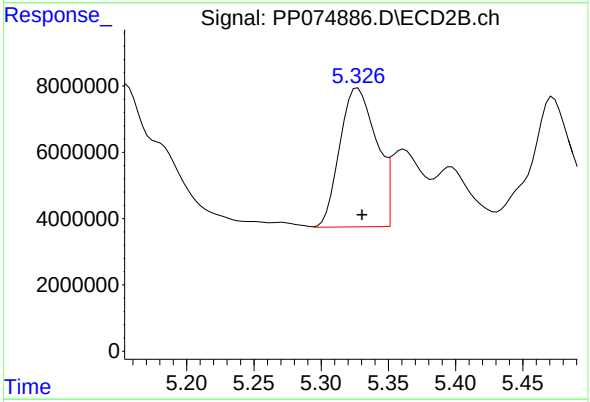

#7 AR-1016-5

R.T.: 6.280 min
Delta R.T.: 0.003 min
Response: 17540594
Conc: 528.55 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

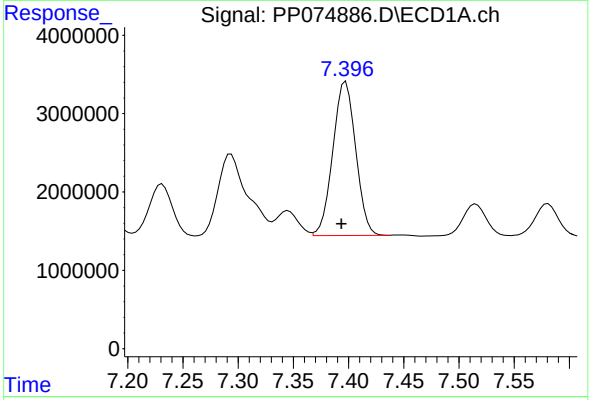
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



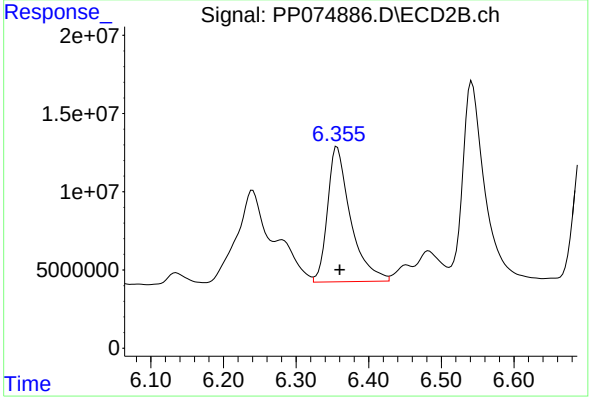

#7 AR-1016-5

R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 79023130
Conc: 475.80 ng/ml



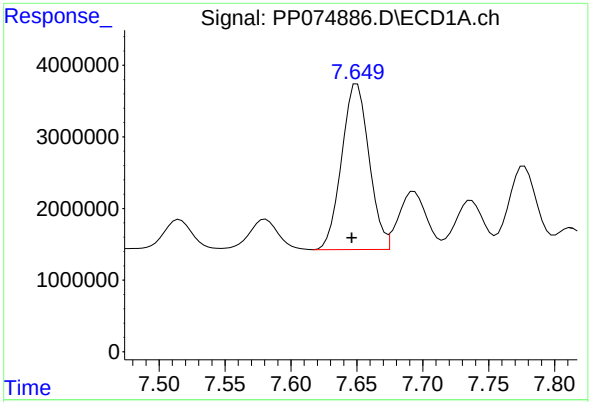

#31 AR-1260-1

R.T.: 7.397 min
Delta R.T.: 0.004 min
Response: 28353542
Conc: 490.46 ng/ml




#31 AR-1260-1

R.T.: 6.357 min
Delta R.T.: -0.003 min
Response: 190823423
Conc: 508.56 ng/ml



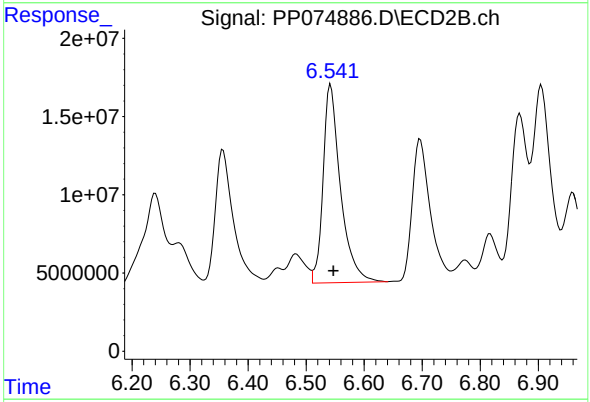

#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: 0.004 min
Response: 33466693
Conc: 485.61 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

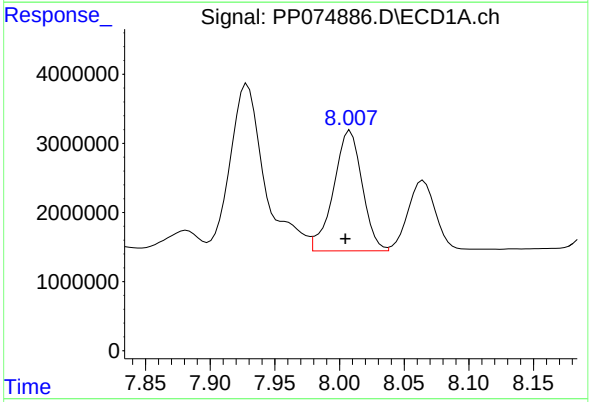
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



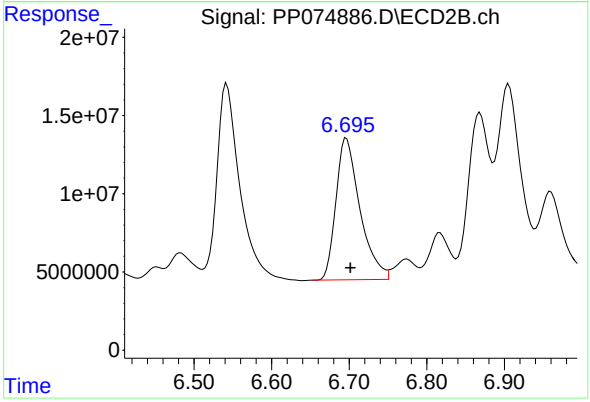

#32 AR-1260-2

R.T.: 6.542 min
Delta R.T.: -0.005 min
Response: 264238241
Conc: 499.68 ng/ml



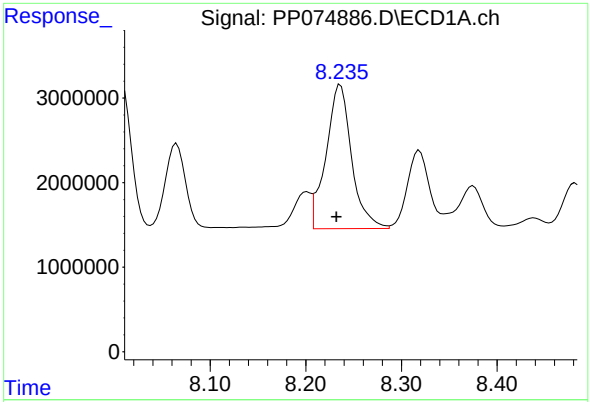

#33 AR-1260-3

R.T.: 8.008 min
Delta R.T.: 0.004 min
Response: 26820361
Conc: 516.92 ng/ml




#33 AR-1260-3

R.T.: 6.696 min
Delta R.T.: -0.005 min
Response: 195061445
Conc: 450.49 ng/ml



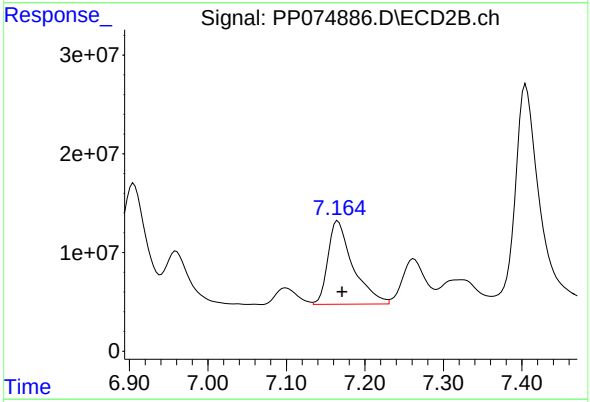

#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: 0.004 min
Response: 31685900
Conc: 496.70 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

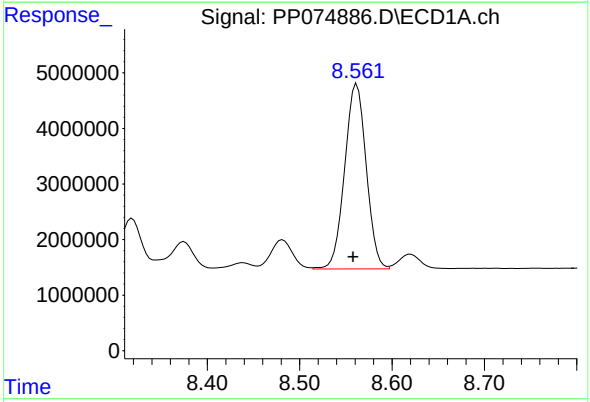
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



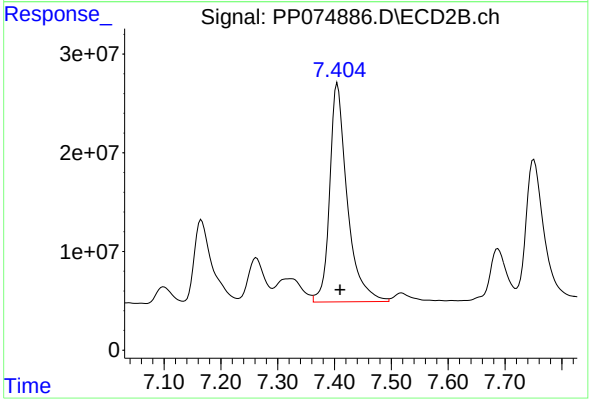

#34 AR-1260-4

R.T.: 7.166 min
Delta R.T.: -0.005 min
Response: 186851602
Conc: 489.81 ng/ml




#35 AR-1260-5

R.T.: 8.562 min
Delta R.T.: 0.004 min
Response: 54055544
Conc: 476.63 ng/ml




#35 AR-1260-5

R.T.: 7.405 min
Delta R.T.: -0.005 min
Response: 475896452
Conc: 473.77 ng/ml

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

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Continuing Calib Date:** 09/05/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

**Continuing Calib Time:** 12:51 **Initial Calibration Time(s):** 10:02 17:36

**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) | 5.81 | 5.81 | 5.71 | 5.91 | 0.00 |
| Aroclor-1016-2 | (2) | 5.83 | 5.83 | 5.73 | 5.93 | 0.00 |
| Aroclor-1016-3 | (3) | 5.90 | 5.89 | 5.79 | 5.99 | -0.01 |
| Aroclor-1016-4 | (4) | 5.99 | 5.99 | 5.89 | 6.09 | 0.00 |
| Aroclor-1016-5 | (5) | 6.29 | 6.28 | 6.18 | 6.38 | -0.01 |
| Aroclor-1260-1 | (1) | 7.40 | 7.40 | 7.30 | 7.50 | 0.00 |
| Aroclor-1260-2 | (2) | 7.66 | 7.65 | 7.55 | 7.75 | -0.01 |
| Aroclor-1260-3 | (3) | 8.01 | 8.01 | 7.91 | 8.11 | 0.00 |
| Aroclor-1260-4 | (4) | 8.24 | 8.24 | 8.14 | 8.34 | 0.00 |
| Aroclor-1260-5 | (5) | 8.57 | 8.56 | 8.46 | 8.66 | -0.01 |
| Tetrachloro-m-xylene | | 4.66 | 4.65 | 4.55 | 4.75 | -0.01 |
| Decachlorobiphenyl | | 10.44 | 10.43 | 10.33 | 10.53 | -0.01 |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**Continuing Calib Date:** 09/05/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

**Continuing Calib Time:** 12:51 **Initial Calibration Time(s):** 10:02 17:36

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

| COMPOUND | | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | (1) | 4.90 | 4.90 | 4.80 | 5.00 | 0.00 |
| Aroclor-1016-2 | (2) | 4.96 | 4.96 | 4.86 | 5.06 | 0.00 |
| Aroclor-1016-3 | (3) | 5.08 | 5.08 | 4.98 | 5.18 | 0.00 |
| Aroclor-1016-4 | (4) | 5.12 | 5.12 | 5.02 | 5.22 | 0.00 |
| Aroclor-1016-5 | (5) | 5.33 | 5.33 | 5.23 | 5.43 | 0.00 |
| Aroclor-1260-1 | (1) | 6.36 | 6.36 | 6.26 | 6.46 | 0.00 |
| Aroclor-1260-2 | (2) | 6.55 | 6.55 | 6.45 | 6.65 | 0.00 |
| Aroclor-1260-3 | (3) | 6.70 | 6.70 | 6.60 | 6.80 | 0.00 |
| Aroclor-1260-4 | (4) | 7.17 | 7.17 | 7.07 | 7.27 | 0.00 |
| Aroclor-1260-5 | (5) | 7.41 | 7.41 | 7.31 | 7.51 | 0.00 |
| Tetrachloro-m-xylene | | 3.80 | 3.80 | 3.70 | 3.90 | 0.00 |
| Decachlorobiphenyl | | 8.81 | 8.82 | 8.72 | 8.92 | 0.01 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**GC Column:** ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 09/05/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP074897.D **Time Analyzed:** 12:51

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 5.812 | 5.706 | 5.906 | 518.950 | 500.000 | 3.8 |
| Aroclor-1016-2 | 5.833 | 5.727 | 5.927 | 533.100 | 500.000 | 6.6 |
| Aroclor-1016-3 | 5.896 | 5.790 | 5.990 | 487.500 | 500.000 | -2.5 |
| Aroclor-1016-4 | 5.993 | 5.888 | 6.088 | 512.430 | 500.000 | 2.5 |
| Aroclor-1016-5 | 6.286 | 6.180 | 6.380 | 533.180 | 500.000 | 6.6 |
| Aroclor-1260-1 | 7.404 | 7.297 | 7.497 | 493.310 | 500.000 | -1.3 |
| Aroclor-1260-2 | 7.656 | 7.550 | 7.750 | 489.630 | 500.000 | -2.1 |
| Aroclor-1260-3 | 8.014 | 7.908 | 8.108 | 521.850 | 500.000 | 4.4 |
| Aroclor-1260-4 | 8.243 | 8.136 | 8.336 | 497.170 | 500.000 | -0.6 |
| Aroclor-1260-5 | 8.569 | 8.462 | 8.662 | 482.090 | 500.000 | -3.6 |
| Decachlorobiphenyl | 10.442 | 10.333 | 10.533 | 56.640 | 50.000 | 13.3 |
| Tetrachloro-m-xylene | 4.660 | 4.554 | 4.754 | 53.390 | 50.000 | 6.8 |

Alliance TECHNICAL GROUP

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06

**Lab Code:** ACE **SDG NO.:** Q3017

**GC Column:** ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 09/05/2025

**Lab Sample No.:** AR1660CCC500 **Data File :** PP074897.D **Time Analyzed:** 12:51

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| Aroclor-1016-1 | 4.899 | 4.799 | 4.999 | 542.700 | 500.000 | 8.5 |
| Aroclor-1016-2 | 4.957 | 4.855 | 5.055 | 551.020 | 500.000 | 10.2 |
| Aroclor-1016-3 | 5.077 | 4.976 | 5.176 | 549.490 | 500.000 | 9.9 |
| Aroclor-1016-4 | 5.118 | 5.017 | 5.217 | 522.750 | 500.000 | 4.6 |
| Aroclor-1016-5 | 5.333 | 5.231 | 5.431 | 485.330 | 500.000 | -2.9 |
| Aroclor-1260-1 | 6.362 | 6.261 | 6.461 | 514.650 | 500.000 | 2.9 |
| Aroclor-1260-2 | 6.548 | 6.448 | 6.648 | 494.340 | 500.000 | -1.1 |
| Aroclor-1260-3 | 6.702 | 6.602 | 6.802 | 455.980 | 500.000 | -8.8 |
| Aroclor-1260-4 | 7.172 | 7.072 | 7.272 | 485.530 | 500.000 | -2.9 |
| Aroclor-1260-5 | 7.411 | 7.311 | 7.511 | 471.710 | 500.000 | -5.7 |
| Decachlorobiphenyl | 8.813 | 8.715 | 8.915 | 55.610 | 50.000 | 11.2 |
| Tetrachloro-m-xylene | 3.800 | 3.699 | 3.899 | 59.960 | 50.000 | 19.9 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:51
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.660 | 3.800 | 65333056 | 290.0E6 | 53.390 | 59.965m |
| 2) | SA Decachlor... | 10.442 | 8.813 | 55933551 | 417.1E6 | 56.641 | 55.613 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.812 | 4.899 | 22879829 | 276.4E6 | 518.948 | 542.696 |
| 4) | L1 AR-1016-2 | 5.833 | 4.957 | 33501123 | 131.2E6 | 533.104 | 551.017 |
| 5) | L1 AR-1016-3 | 5.896 | 5.077 | 21895708 | 75776806 | 487.504 | 549.491 |
| 6) | L1 AR-1016-4 | 5.993 | 5.118 | 18028378 | 73082369 | 512.435 | 522.752 |
| 7) | L1 AR-1016-5 | 6.286 | 5.333 | 17693996 | 80605493 | 533.175 | 485.332 |
| 31) | L7 AR-1260-1 | 7.404 | 6.362 | 28517929 | 193.1E6 | 493.309 | 514.655 |
| 32) | L7 AR-1260-2 | 7.656 | 6.548 | 33744063 | 261.4E6 | 489.630 | 494.340 |
| 33) | L7 AR-1260-3 | 8.014 | 6.702 | 27076327 | 197.4E6 | 521.850 | 455.982 |
| 34) | L7 AR-1260-4 | 8.243 | 7.172 | 31715809 | 185.2E6 | 497.169 | 485.533 |
| 35) | L7 AR-1260-5 | 8.569 | 7.411 | 54674681 | 473.8E6 | 482.088 | 471.715 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:51
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

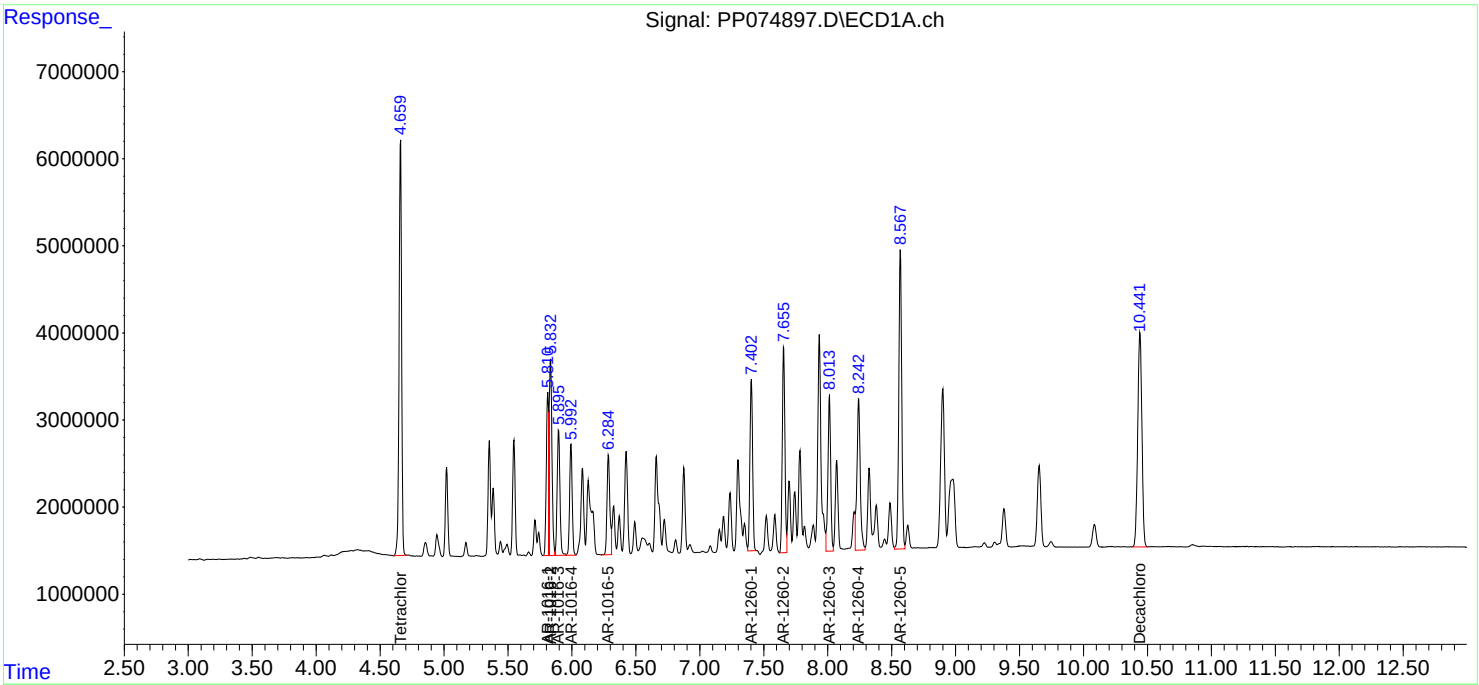
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

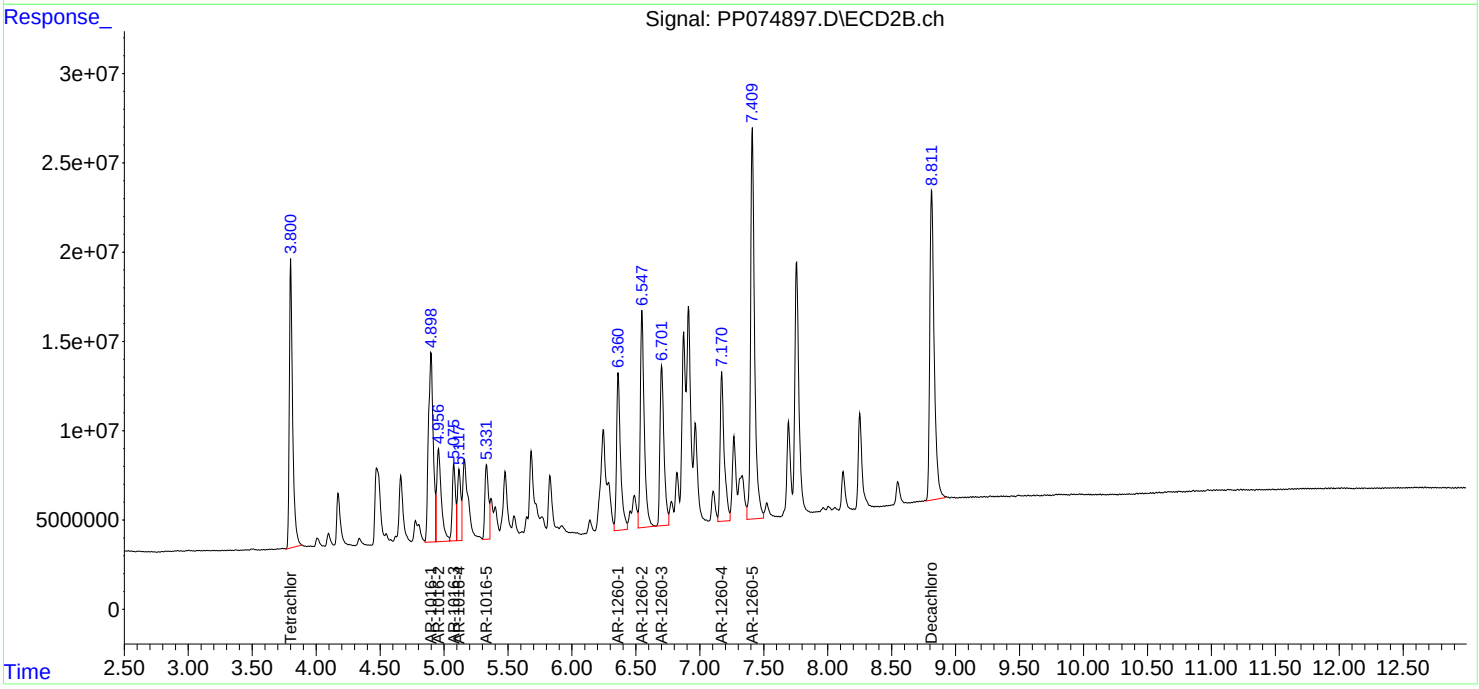
**Manual Integrations APPROVED**

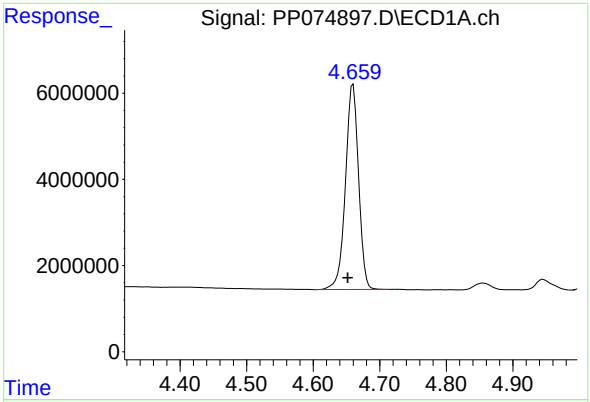
Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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





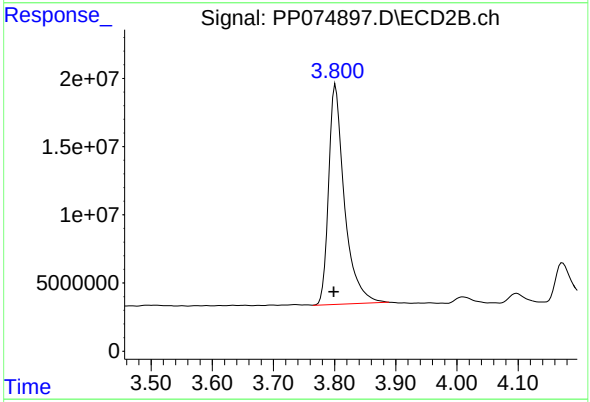

#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.008 min
Response: 65333056
Conc: 53.39 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

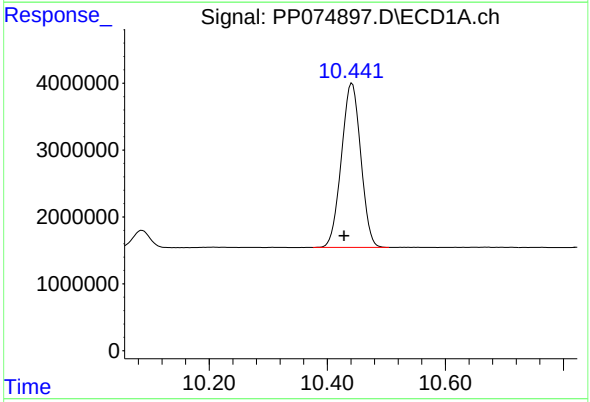
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



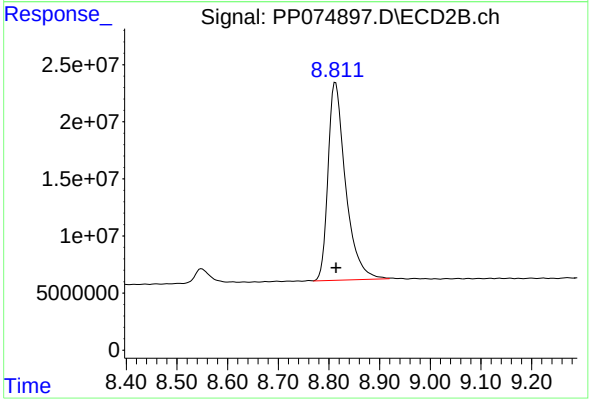

#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 289953860
Conc: 59.96 ng/ml m



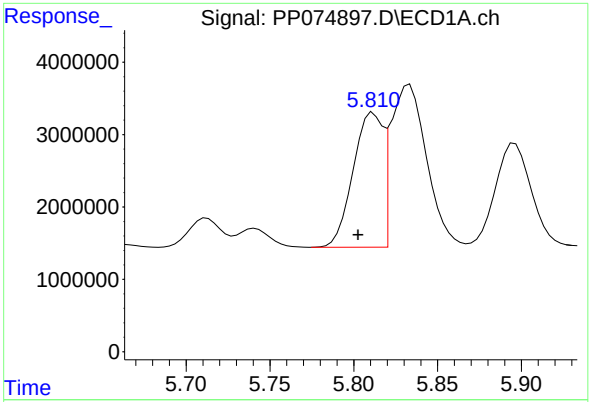

#2 Decachlorobiphenyl

R.T.: 10.442 min
Delta R.T.: 0.014 min
Response: 55933551
Conc: 56.64 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 417053951
Conc: 55.61 ng/ml



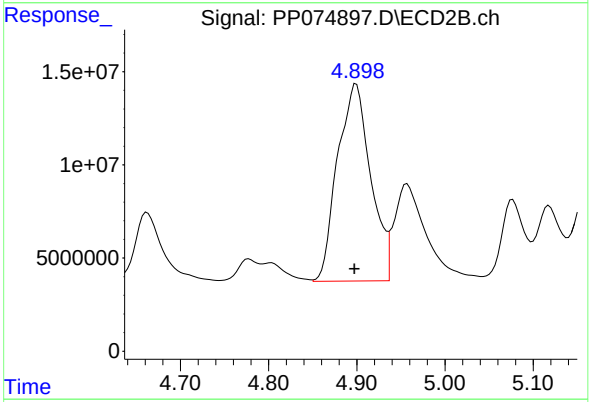

#3 AR-1016-1

R.T.: 5.812 min
Delta R.T.: 0.009 min
Response: 22879829
Conc: 518.95 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

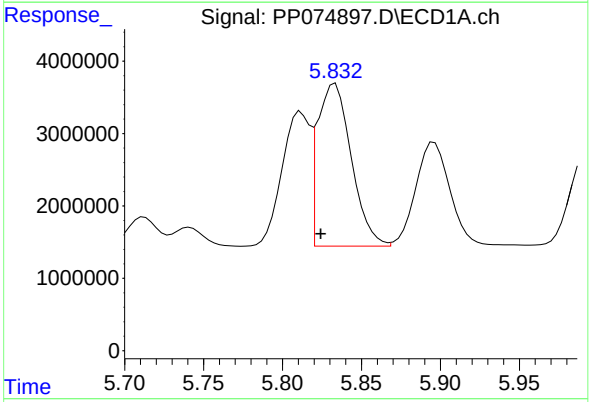
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



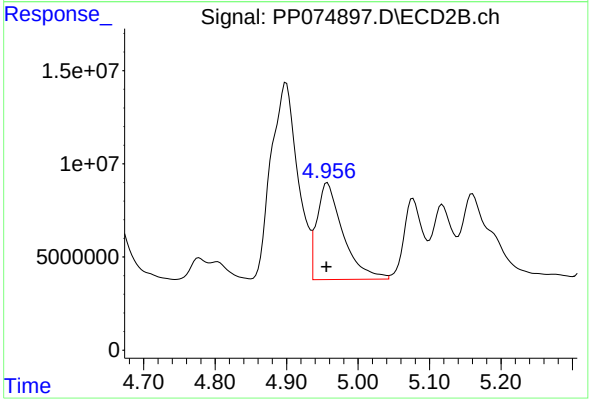

#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.002 min
Response: 276424229
Conc: 542.70 ng/ml



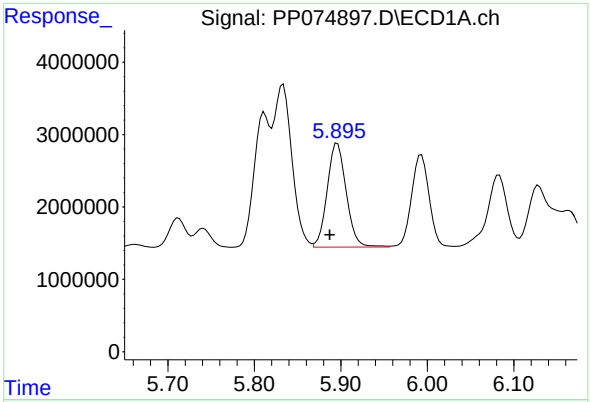

#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.009 min
Response: 33501123
Conc: 533.10 ng/ml




#4 AR-1016-2

R.T.: 4.957 min
Delta R.T.: 0.001 min
Response: 131150440
Conc: 551.02 ng/ml



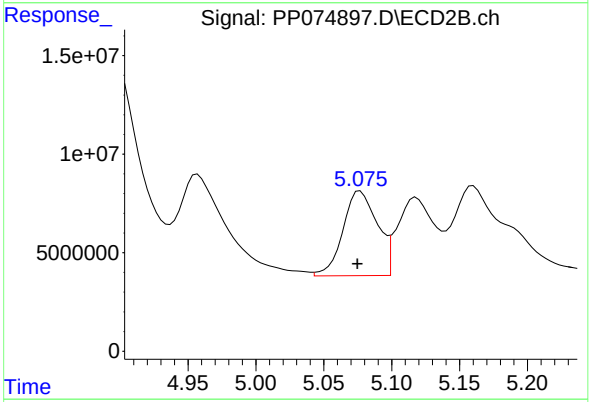

#5 AR-1016-3

R.T.: 5.896 min
Delta R.T.: 0.009 min
Response: 21895708
Conc: 487.50 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

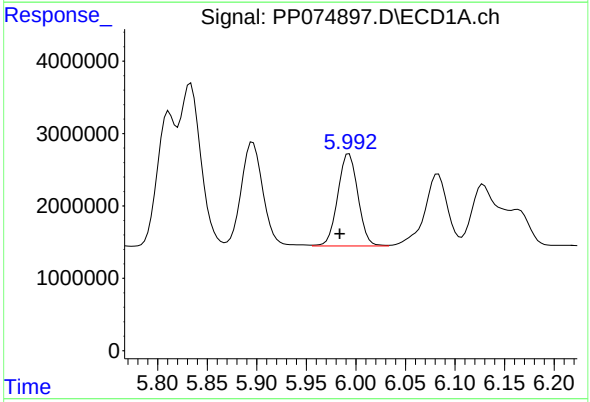
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



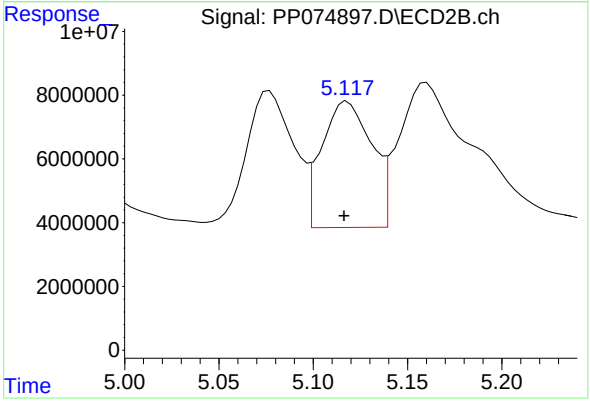

#5 AR-1016-3

R.T.: 5.077 min
Delta R.T.: 0.002 min
Response: 75776806
Conc: 549.49 ng/ml



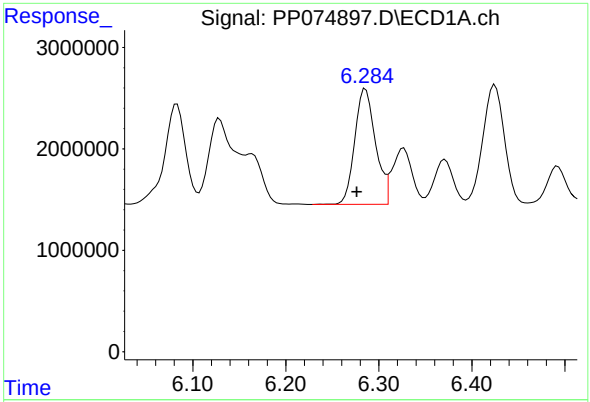

#6 AR-1016-4

R.T.: 5.993 min
Delta R.T.: 0.010 min
Response: 18028378
Conc: 512.43 ng/ml




#6 AR-1016-4

R.T.: 5.118 min
Delta R.T.: 0.002 min
Response: 73082369
Conc: 522.75 ng/ml



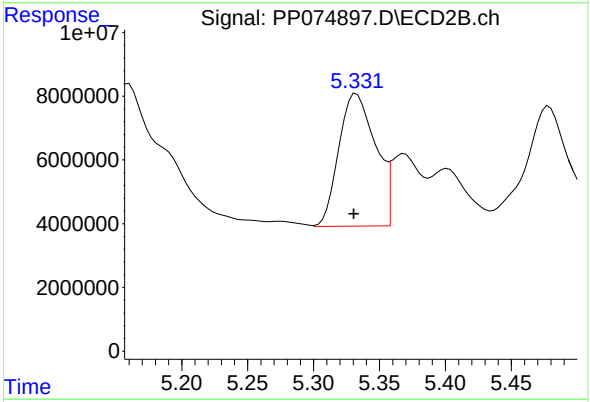

#7 AR-1016-5

R.T.: 6.286 min
Delta R.T.: 0.009 min
Response: 17693996
Conc: 533.18 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

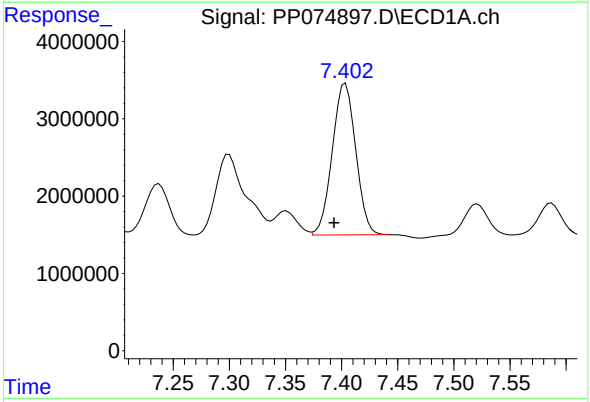
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



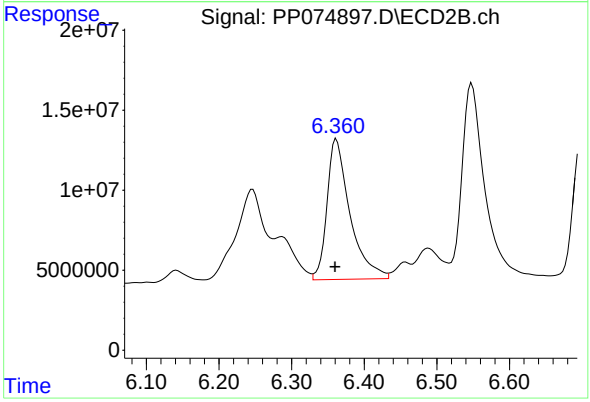

#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: 0.002 min
Response: 80605493
Conc: 485.33 ng/ml



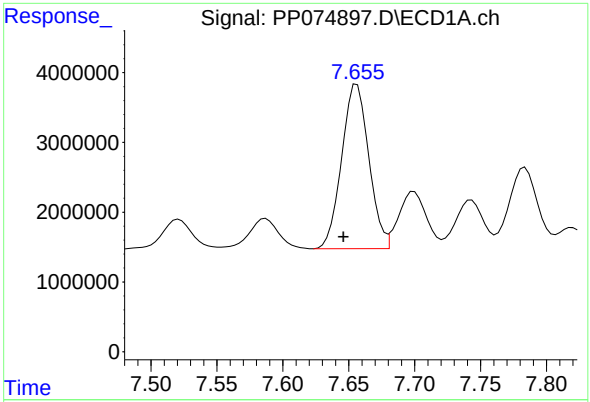

#31 AR-1260-1

R.T.: 7.404 min
Delta R.T.: 0.010 min
Response: 28517929
Conc: 493.31 ng/ml




#31 AR-1260-1

R.T.: 6.362 min
Delta R.T.: 0.002 min
Response: 193110389
Conc: 514.65 ng/ml



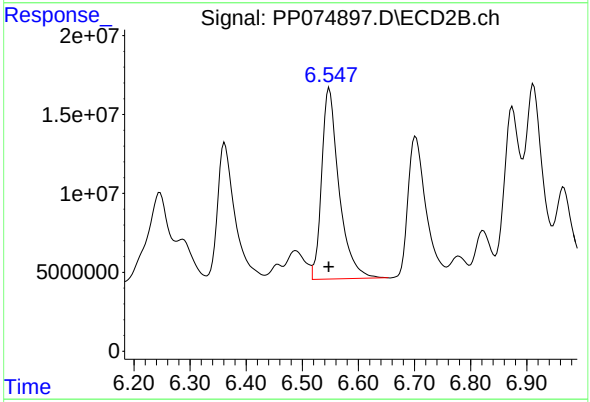

#32 AR-1260-2

R.T.: 7.656 min
Delta R.T.: 0.010 min
Response: 33744063
Conc: 489.63 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

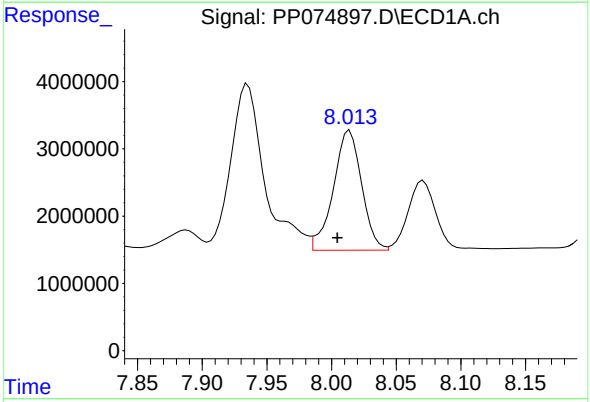
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



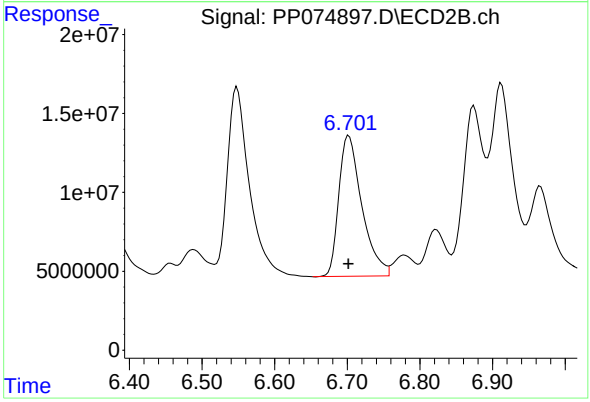

#32 AR-1260-2

R.T.: 6.548 min
Delta R.T.: 0.001 min
Response: 261414250
Conc: 494.34 ng/ml



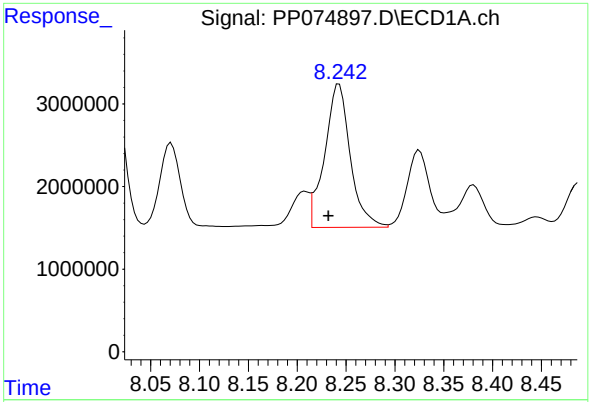

#33 AR-1260-3

R.T.: 8.014 min
Delta R.T.: 0.010 min
Response: 27076327
Conc: 521.85 ng/ml




#33 AR-1260-3

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 197440582
Conc: 455.98 ng/ml



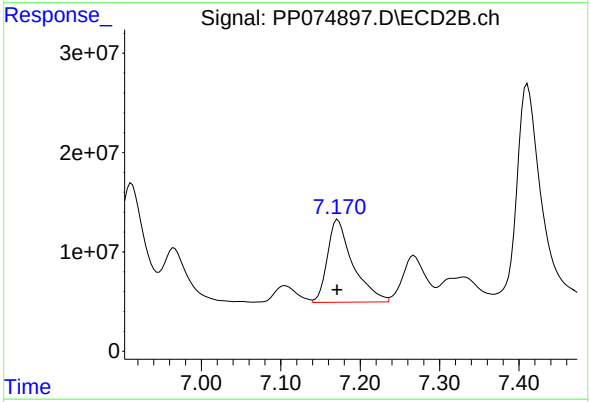

#34 AR-1260-4

R.T.: 8.243 min
Delta R.T.: 0.011 min
Response: 31715809
Conc: 497.17 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

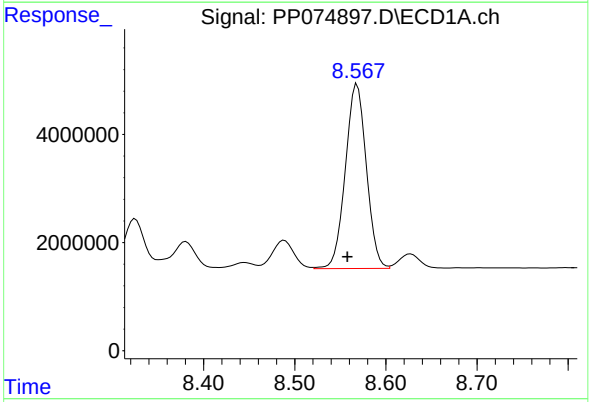
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/08/2025



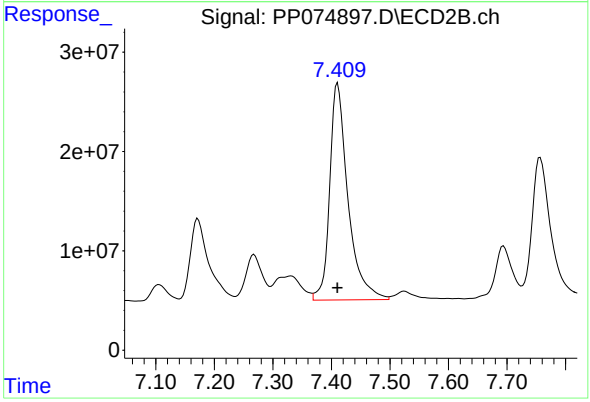

#34 AR-1260-4

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 185218075
Conc: 485.53 ng/ml




#35 AR-1260-5

R.T.: 8.569 min
Delta R.T.: 0.011 min
Response: 54674681
Conc: 482.09 ng/ml




#35 AR-1260-5

R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 473828410
Conc: 471.71 ng/ml

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

# Analytical Sequence

**Client:** Tetra Tech NUS, Inc. **SDG No.:** Q3017

**Project:** NWIRP Bethpage 112G08005-WE13 **Instrument ID:** ECD_O

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

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

| CLIENT ID | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DATAFILE | DCB RT # | TCX RT # |
|---|---|---|---|---|---|---|
| I.BLK | I.BLK | 08/18/2025 | 09:34 | PO113002.D | 8.68 | 3.66 |
| AR1660ICC1000 | AR1660ICC1000 | 08/18/2025 | 09:53 | PO113003.D | 8.68 | 3.66 |
| AR1660ICC750 | AR1660ICC750 | 08/18/2025 | 10:11 | PO113004.D | 8.68 | 3.66 |
| AR1660ICC500 | AR1660ICC500 | 08/18/2025 | 10:29 | PO113005.D | 8.68 | 3.66 |
| AR1660ICC250 | AR1660ICC250 | 08/18/2025 | 10:48 | PO113006.D | 8.68 | 3.66 |
| AR1660ICC050 | AR1660ICC050 | 08/18/2025 | 11:06 | PO113007.D | 8.68 | 3.66 |
| AR1221ICC500 | AR1221ICC500 | 08/18/2025 | 11:25 | PO113008.D | 8.68 | 3.66 |
| AR1232ICC500 | AR1232ICC500 | 08/18/2025 | 11:43 | PO113009.D | 8.68 | 3.66 |
| AR1242ICC1000 | AR1242ICC1000 | 08/18/2025 | 12:01 | PO113010.D | 8.68 | 3.66 |
| AR1242ICC750 | AR1242ICC750 | 08/18/2025 | 12:20 | PO113011.D | 8.68 | 3.66 |
| AR1242ICC500 | AR1242ICC500 | 08/18/2025 | 12:38 | PO113012.D | 8.68 | 3.66 |
| AR1242ICC250 | AR1242ICC250 | 08/18/2025 | 12:57 | PO113013.D | 8.68 | 3.66 |
| AR1242ICC050 | AR1242ICC050 | 08/18/2025 | 13:15 | PO113014.D | 8.68 | 3.66 |
| AR1248ICC1000 | AR1248ICC1000 | 08/18/2025 | 13:34 | PO113015.D | 8.68 | 3.66 |
| AR1248ICC750 | AR1248ICC750 | 08/18/2025 | 13:52 | PO113016.D | 8.68 | 3.66 |
| AR1248ICC500 | AR1248ICC500 | 08/18/2025 | 14:09 | PO113017.D | 8.68 | 3.66 |
| AR1248ICC250 | AR1248ICC250 | 08/18/2025 | 14:28 | PO113018.D | 8.68 | 3.66 |
| AR1248ICC050 | AR1248ICC050 | 08/18/2025 | 14:46 | PO113019.D | 8.68 | 3.66 |
| AR1254ICC1000 | AR1254ICC1000 | 08/18/2025 | 15:05 | PO113020.D | 8.68 | 3.66 |
| AR1254ICC750 | AR1254ICC750 | 08/18/2025 | 15:23 | PO113021.D | 8.68 | 3.66 |
| AR1254ICC500 | AR1254ICC500 | 08/18/2025 | 15:41 | PO113022.D | 8.68 | 3.66 |
| AR1254ICC250 | AR1254ICC250 | 08/18/2025 | 16:00 | PO113023.D | 8.68 | 3.66 |
| AR1254ICC050 | AR1254ICC050 | 08/18/2025 | 16:18 | PO113024.D | 8.68 | 3.66 |
| AR1262ICC500 | AR1262ICC500 | 08/18/2025 | 16:54 | PO113025.D | 8.68 | 3.66 |
| AR1268ICC1000 | AR1268ICC1000 | 08/18/2025 | 17:12 | PO113026.D | 8.68 | 3.66 |
| AR1268ICC750 | AR1268ICC750 | 08/18/2025 | 17:30 | PO113027.D | 8.68 | 3.66 |
| AR1268ICC500 | AR1268ICC500 | 08/18/2025 | 17:48 | PO113028.D | 8.68 | 3.66 |
| AR1268ICC250 | AR1268ICC250 | 08/18/2025 | 18:06 | PO113029.D | 8.68 | 3.66 |
| AR1268ICC050 | AR1268ICC050 | 08/18/2025 | 18:24 | PO113030.D | 8.68 | 3.66 |
| AR1660CCC500 | AR1660CCC500 | 09/04/2025 | 18:49 | PO113478.D | 8.67 | 3.66 |
| I.BLK | I.BLK | 09/04/2025 | 20:39 | PO113482.D | 8.68 | 3.66 |
| PB169547BL | PB169547BL | 09/04/2025 | 20:56 | PO113483.D | 8.67 | 3.66 |
| PB169547BS | PB169547BS | 09/04/2025 | 21:15 | PO113484.D | 8.68 | 3.66 |
| PB169547BSD | PB169547BSD | 09/04/2025 | 21:33 | PO113485.D | 8.68 | 3.66 |
| AR1660CCC500 | AR1660CCC500 | 09/04/2025 | 23:23 | PO113488.D | 8.68 | 3.66 |
| I.BLK | I.BLK | 09/05/2025 | 01:12 | PO113492.D | 8.68 | 3.66 |
| I.BLK | I.BLK | 08/19/2025 | 09:46 | PP074490.D | 10.43 | 4.65 |
| AR1660ICC1000 | AR1660ICC1000 | 08/19/2025 | 10:02 | PP074491.D | 10.43 | 4.65 |
| AR1660ICC750 | AR1660ICC750 | 08/19/2025 | 10:18 | PP074492.D | 10.44 | 4.66 |
| AR1660ICC500 | AR1660ICC500 | 08/19/2025 | 10:34 | PP074493.D | 10.43 | 4.65 |
| AR1660ICC250 | AR1660ICC250 | 08/19/2025 | 10:51 | PP074494.D | 10.43 | 4.66 |
| AR1660ICC050 | AR1660ICC050 | 08/19/2025 | 11:07 | PP074495.D | 10.44 | 4.66 |

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Fax : 908 789 8922

# Analytical Sequence

| | | | | | | |
|---|---|---|---|---|---|---|
| AR1221ICC500 | AR1221ICC500 | 08/19/2025 | 11:23 | PP074496.D | 10.43 | 4.65 |
| AR1232ICC500 | AR1232ICC500 | 08/19/2025 | 11:39 | PP074497.D | 10.43 | 4.66 |
| AR1242ICC1000 | AR1242ICC1000 | 08/19/2025 | 11:55 | PP074498.D | 10.43 | 4.66 |
| AR1242ICC750 | AR1242ICC750 | 08/19/2025 | 12:12 | PP074499.D | 10.44 | 4.66 |
| AR1242ICC500 | AR1242ICC500 | 08/19/2025 | 12:28 | PP074500.D | 10.43 | 4.66 |
| AR1242ICC250 | AR1242ICC250 | 08/19/2025 | 12:44 | PP074501.D | 10.44 | 4.66 |
| AR1242ICC050 | AR1242ICC050 | 08/19/2025 | 13:00 | PP074502.D | 10.44 | 4.66 |
| AR1248ICC1000 | AR1248ICC1000 | 08/19/2025 | 13:16 | PP074503.D | 10.44 | 4.66 |
| AR1248ICC750 | AR1248ICC750 | 08/19/2025 | 13:33 | PP074504.D | 10.44 | 4.66 |
| AR1248ICC500 | AR1248ICC500 | 08/19/2025 | 13:49 | PP074505.D | 10.44 | 4.66 |
| AR1248ICC250 | AR1248ICC250 | 08/19/2025 | 14:05 | PP074506.D | 10.44 | 4.66 |
| AR1248ICC050 | AR1248ICC050 | 08/19/2025 | 14:21 | PP074507.D | 10.44 | 4.66 |
| AR1254ICC1000 | AR1254ICC1000 | 08/19/2025 | 14:37 | PP074508.D | 10.44 | 4.66 |
| AR1254ICC750 | AR1254ICC750 | 08/19/2025 | 14:53 | PP074509.D | 10.44 | 4.66 |
| AR1254ICC500 | AR1254ICC500 | 08/19/2025 | 15:10 | PP074510.D | 10.44 | 4.66 |
| AR1254ICC250 | AR1254ICC250 | 08/19/2025 | 15:42 | PP074511.D | 10.44 | 4.66 |
| AR1254ICC050 | AR1254ICC050 | 08/19/2025 | 15:58 | PP074512.D | 10.44 | 4.66 |
| AR1262ICC500 | AR1262ICC500 | 08/19/2025 | 16:14 | PP074513.D | 10.44 | 4.66 |
| AR1268ICC1000 | AR1268ICC1000 | 08/19/2025 | 16:31 | PP074514.D | 10.43 | 4.66 |
| AR1268ICC750 | AR1268ICC750 | 08/19/2025 | 16:47 | PP074515.D | 10.44 | 4.66 |
| AR1268ICC500 | AR1268ICC500 | 08/19/2025 | 17:03 | PP074516.D | 10.43 | 4.66 |
| AR1268ICC250 | AR1268ICC250 | 08/19/2025 | 17:19 | PP074517.D | 10.44 | 4.66 |
| AR1268ICC050 | AR1268ICC050 | 08/19/2025 | 17:36 | PP074518.D | 10.43 | 4.66 |
| AR1660CCC500 | AR1660CCC500 | 09/05/2025 | 08:40 | PP074886.D | 10.43 | 4.65 |
| I.BLK | I.BLK | 09/05/2025 | 09:09 | PP074887.D | 10.45 | 4.66 |
| TT-076-IDWGW-20250903 | Q3017-02 | 09/05/2025 | 11:30 | PP074893.D | 10.43 | 4.66 |
| TT-077-IDWGW-20250903 | Q3017-03 | 09/05/2025 | 11:46 | PP074894.D | 10.44 | 4.66 |
| TT-078-IDWGW-20250903 | Q3017-04 | 09/05/2025 | 12:02 | PP074895.D | 10.44 | 4.66 |
| TT-079-IDWGW-20250903 | Q3017-05 | 09/05/2025 | 12:19 | PP074896.D | 10.44 | 4.66 |
| AR1660CCC500 | AR1660CCC500 | 09/05/2025 | 12:51 | PP074897.D | 10.44 | 4.66 |
| I.BLK | I.BLK | 09/05/2025 | 13:07 | PP074898.D | 10.44 | 4.66 |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Analytical Sequence

**Client:** Tetra Tech NUS, Inc. **SDG No.:** Q3017

**Project:** NWIRP Bethpage 112G08005-WE13 **Instrument ID:** ECD_O

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

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

| CLIENT ID | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DATAFILE | DCB RT # | TCX RT # |
|---|---|---|---|---|---|---|
| I.BLK | I.BLK | 08/18/2025 | 09:34 | PO113002.D | 8.63 | 3.66 |
| AR1660ICC1000 | AR1660ICC1000 | 08/18/2025 | 09:53 | PO113003.D | 8.63 | 3.66 |
| AR1660ICC750 | AR1660ICC750 | 08/18/2025 | 10:11 | PO113004.D | 8.63 | 3.66 |
| AR1660ICC500 | AR1660ICC500 | 08/18/2025 | 10:29 | PO113005.D | 8.63 | 3.66 |
| AR1660ICC250 | AR1660ICC250 | 08/18/2025 | 10:48 | PO113006.D | 8.63 | 3.66 |
| AR1660ICC050 | AR1660ICC050 | 08/18/2025 | 11:06 | PO113007.D | 8.63 | 3.65 |
| AR1221ICC500 | AR1221ICC500 | 08/18/2025 | 11:25 | PO113008.D | 8.63 | 3.66 |
| AR1232ICC500 | AR1232ICC500 | 08/18/2025 | 11:43 | PO113009.D | 8.63 | 3.66 |
| AR1242ICC1000 | AR1242ICC1000 | 08/18/2025 | 12:01 | PO113010.D | 8.63 | 3.66 |
| AR1242ICC750 | AR1242ICC750 | 08/18/2025 | 12:20 | PO113011.D | 8.63 | 3.66 |
| AR1242ICC500 | AR1242ICC500 | 08/18/2025 | 12:38 | PO113012.D | 8.63 | 3.66 |
| AR1242ICC250 | AR1242ICC250 | 08/18/2025 | 12:57 | PO113013.D | 8.63 | 3.66 |
| AR1242ICC050 | AR1242ICC050 | 08/18/2025 | 13:15 | PO113014.D | 8.63 | 3.66 |
| AR1248ICC1000 | AR1248ICC1000 | 08/18/2025 | 13:34 | PO113015.D | 8.63 | 3.66 |
| AR1248ICC750 | AR1248ICC750 | 08/18/2025 | 13:52 | PO113016.D | 8.63 | 3.66 |
| AR1248ICC500 | AR1248ICC500 | 08/18/2025 | 14:09 | PO113017.D | 8.63 | 3.66 |
| AR1248ICC250 | AR1248ICC250 | 08/18/2025 | 14:28 | PO113018.D | 8.63 | 3.66 |
| AR1248ICC050 | AR1248ICC050 | 08/18/2025 | 14:46 | PO113019.D | 8.63 | 3.66 |
| AR1254ICC1000 | AR1254ICC1000 | 08/18/2025 | 15:05 | PO113020.D | 8.63 | 3.66 |
| AR1254ICC750 | AR1254ICC750 | 08/18/2025 | 15:23 | PO113021.D | 8.63 | 3.66 |
| AR1254ICC500 | AR1254ICC500 | 08/18/2025 | 15:41 | PO113022.D | 8.63 | 3.66 |
| AR1254ICC250 | AR1254ICC250 | 08/18/2025 | 16:00 | PO113023.D | 8.63 | 3.66 |
| AR1254ICC050 | AR1254ICC050 | 08/18/2025 | 16:18 | PO113024.D | 8.63 | 3.66 |
| AR1262ICC500 | AR1262ICC500 | 08/18/2025 | 16:54 | PO113025.D | 8.63 | 3.66 |
| AR1268ICC1000 | AR1268ICC1000 | 08/18/2025 | 17:12 | PO113026.D | 8.63 | 3.66 |
| AR1268ICC750 | AR1268ICC750 | 08/18/2025 | 17:30 | PO113027.D | 8.63 | 3.66 |
| AR1268ICC500 | AR1268ICC500 | 08/18/2025 | 17:48 | PO113028.D | 8.63 | 3.66 |
| AR1268ICC250 | AR1268ICC250 | 08/18/2025 | 18:06 | PO113029.D | 8.63 | 3.66 |
| AR1268ICC050 | AR1268ICC050 | 08/18/2025 | 18:24 | PO113030.D | 8.63 | 3.66 |
| AR1660CCC500 | AR1660CCC500 | 09/04/2025 | 18:49 | PO113478.D | 8.62 | 3.65 |
| I.BLK | I.BLK | 09/04/2025 | 20:39 | PO113482.D | 8.62 | 3.65 |
| PB169547BL | PB169547BL | 09/04/2025 | 20:56 | PO113483.D | 8.62 | 3.65 |
| PB169547BS | PB169547BS | 09/04/2025 | 21:15 | PO113484.D | 8.62 | 3.65 |
| PB169547BSD | PB169547BSD | 09/04/2025 | 21:33 | PO113485.D | 8.62 | 3.65 |
| AR1660CCC500 | AR1660CCC500 | 09/04/2025 | 23:23 | PO113488.D | 8.62 | 3.65 |
| I.BLK | I.BLK | 09/05/2025 | 01:12 | PO113492.D | 8.62 | 3.65 |
| I.BLK | I.BLK | 08/19/2025 | 09:46 | PP074490.D | 8.81 | 3.80 |
| AR1660ICC1000 | AR1660ICC1000 | 08/19/2025 | 10:02 | PP074491.D | 8.81 | 3.80 |
| AR1660ICC750 | AR1660ICC750 | 08/19/2025 | 10:18 | PP074492.D | 8.82 | 3.80 |
| AR1660ICC500 | AR1660ICC500 | 08/19/2025 | 10:34 | PP074493.D | 8.82 | 3.80 |
| AR1660ICC250 | AR1660ICC250 | 08/19/2025 | 10:51 | PP074494.D | 8.81 | 3.80 |
| AR1660ICC050 | AR1660ICC050 | 08/19/2025 | 11:07 | PP074495.D | 8.82 | 3.80 |

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# Analytical Sequence

| | | | | | | |
|---|---|---|---|---|---|---|
| AR1221ICC500 | AR1221ICC500 | 08/19/2025 | 11:23 | PP074496.D | 8.82 | 3.80 |
| AR1232ICC500 | AR1232ICC500 | 08/19/2025 | 11:39 | PP074497.D | 8.82 | 3.80 |
| AR1242ICC1000 | AR1242ICC1000 | 08/19/2025 | 11:55 | PP074498.D | 8.82 | 3.80 |
| AR1242ICC750 | AR1242ICC750 | 08/19/2025 | 12:12 | PP074499.D | 8.82 | 3.80 |
| AR1242ICC500 | AR1242ICC500 | 08/19/2025 | 12:28 | PP074500.D | 8.81 | 3.80 |
| AR1242ICC250 | AR1242ICC250 | 08/19/2025 | 12:44 | PP074501.D | 8.82 | 3.80 |
| AR1242ICC050 | AR1242ICC050 | 08/19/2025 | 13:00 | PP074502.D | 8.82 | 3.80 |
| AR1248ICC1000 | AR1248ICC1000 | 08/19/2025 | 13:16 | PP074503.D | 8.82 | 3.80 |
| AR1248ICC750 | AR1248ICC750 | 08/19/2025 | 13:33 | PP074504.D | 8.82 | 3.80 |
| AR1248ICC500 | AR1248ICC500 | 08/19/2025 | 13:49 | PP074505.D | 8.82 | 3.80 |
| AR1248ICC250 | AR1248ICC250 | 08/19/2025 | 14:05 | PP074506.D | 8.82 | 3.80 |
| AR1248ICC050 | AR1248ICC050 | 08/19/2025 | 14:21 | PP074507.D | 8.82 | 3.80 |
| AR1254ICC1000 | AR1254ICC1000 | 08/19/2025 | 14:37 | PP074508.D | 8.82 | 3.80 |
| AR1254ICC750 | AR1254ICC750 | 08/19/2025 | 14:53 | PP074509.D | 8.82 | 3.80 |
| AR1254ICC500 | AR1254ICC500 | 08/19/2025 | 15:10 | PP074510.D | 8.82 | 3.80 |
| AR1254ICC250 | AR1254ICC250 | 08/19/2025 | 15:42 | PP074511.D | 8.82 | 3.80 |
| AR1254ICC050 | AR1254ICC050 | 08/19/2025 | 15:58 | PP074512.D | 8.81 | 3.80 |
| AR1262ICC500 | AR1262ICC500 | 08/19/2025 | 16:14 | PP074513.D | 8.82 | 3.80 |
| AR1268ICC1000 | AR1268ICC1000 | 08/19/2025 | 16:31 | PP074514.D | 8.81 | 3.80 |
| AR1268ICC750 | AR1268ICC750 | 08/19/2025 | 16:47 | PP074515.D | 8.82 | 3.80 |
| AR1268ICC500 | AR1268ICC500 | 08/19/2025 | 17:03 | PP074516.D | 8.81 | 3.80 |
| AR1268ICC250 | AR1268ICC250 | 08/19/2025 | 17:19 | PP074517.D | 8.82 | 3.80 |
| AR1268ICC050 | AR1268ICC050 | 08/19/2025 | 17:36 | PP074518.D | 8.81 | 3.80 |
| AR1660CCC500 | AR1660CCC500 | 09/05/2025 | 08:40 | PP074886.D | 8.81 | 3.79 |
| I.BLK | I.BLK | 09/05/2025 | 09:09 | PP074887.D | 8.81 | 3.80 |
| TT-076-IDWGW-20250903 | Q3017-02 | 09/05/2025 | 11:30 | PP074893.D | 8.81 | 3.79 |
| TT-077-IDWGW-20250903 | Q3017-03 | 09/05/2025 | 11:46 | PP074894.D | 8.81 | 3.80 |
| TT-078-IDWGW-20250903 | Q3017-04 | 09/05/2025 | 12:02 | PP074895.D | 8.81 | 3.80 |
| TT-079-IDWGW-20250903 | Q3017-05 | 09/05/2025 | 12:19 | PP074896.D | 8.81 | 3.80 |
| AR1660CCC500 | AR1660CCC500 | 09/05/2025 | 12:51 | PP074897.D | 8.81 | 3.80 |
| I.BLK | I.BLK | 09/05/2025 | 13:07 | PP074898.D | 8.81 | 3.80 |

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# IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169547BS

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3017

Lab Sample ID: PB169547BS Date(s) Analyzed: 09/04/2025 09/04/2025

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

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO113484.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 1 | 4.744 | 4.694 | 4.794 | 4.71 | | |
| | 2 | 4.762 | 4.712 | 4.812 | 4.97 | | |
| | 3 | 4.819 | 4.769 | 4.869 | 4.91 | | |
| COLUMN 1 | 4 | 4.938 | 4.888 | 4.988 | 4.46 | | |
| | 5 | 5.195 | 5.145 | 5.245 | 4.59 | 4.70 | |
| | 1 | 4.724 | 4.674 | 4.774 | 4.51 | | |
| | 2 | 4.742 | 4.692 | 4.792 | 4.56 | | |
| | 3 | 4.917 | 4.867 | 4.967 | 4.30 | | |
| | 4 | 4.96 | 4.91 | 5.01 | 4.14 | | |
| COLUMN 2 | 5 | 5.172 | 5.122 | 5.222 | 4.42 | 4.40 | 6.59 |
| Aroclor-1260 | 1 | 6.231 | 6.181 | 6.281 | 5.03 | | |
| | 2 | 6.42 | 6.37 | 6.47 | 4.88 | | |
| | 3 | 6.786 | 6.736 | 6.836 | 4.03 | | |
| COLUMN 1 | 4 | 7.045 | 6.995 | 7.095 | 4.01 | | |
| | 5 | 7.289 | 7.239 | 7.339 | 4.31 | 4.50 | |
| | 1 | 6.198 | 6.148 | 6.248 | 4.33 | | |
| | 2 | 6.387 | 6.337 | 6.437 | 4.15 | | |
| | 3 | 6.537 | 6.487 | 6.587 | 4.00 | | |
| | 4 | 7.007 | 6.957 | 7.057 | 3.51 | | |
| COLUMN 2 | 5 | 7.249 | 7.199 | 7.299 | 3.44 | 3.90 | 14.29 |

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## IDENTIFICATION SUMMARY
## FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169547BSD

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3017

Lab Sample ID: PB169547BSD Date(s) Analyzed: 09/04/2025 09/04/2025

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

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO113485.D

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | MEAN CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 1 | 4.744 | 4.694 | 4.794 | 4.77 | | |
| | 2 | 4.762 | 4.712 | 4.812 | 4.78 | | |
| | 3 | 4.819 | 4.769 | 4.869 | 4.79 | | |
| COLUMN 1 | 4 | 4.938 | 4.888 | 4.988 | 4.46 | | |
| | 5 | 5.195 | 5.145 | 5.245 | 4.52 | 4.70 | |
| | 1 | 4.724 | 4.674 | 4.774 | 4.41 | | |
| | 2 | 4.742 | 4.692 | 4.792 | 4.43 | | |
| | 3 | 4.917 | 4.867 | 4.967 | 4.15 | | |
| | 4 | 4.959 | 4.909 | 5.009 | 3.99 | | |
| COLUMN 2 | 5 | 5.171 | 5.121 | 5.221 | 4.29 | 4.30 | 8.89 |
| Aroclor-1260 | 1 | 6.231 | 6.181 | 6.281 | 4.87 | | |
| | 2 | 6.421 | 6.371 | 6.471 | 4.74 | | |
| | 3 | 6.786 | 6.736 | 6.836 | 3.94 | | |
| COLUMN 1 | 4 | 7.045 | 6.995 | 7.095 | 3.93 | | |
| | 5 | 7.288 | 7.238 | 7.338 | 4.22 | 4.30 | |
| | 1 | 6.198 | 6.148 | 6.248 | 4.25 | | |
| | 2 | 6.387 | 6.337 | 6.437 | 4.07 | | |
| | 3 | 6.537 | 6.487 | 6.587 | 3.91 | | |
| | 4 | 7.006 | 6.956 | 7.056 | 3.47 | | |
| COLUMN 2 | 5 | 7.249 | 7.199 | 7.299 | 3.44 | 3.80 | 12.35 |

# QC SAMPLE DATA

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Tetra Tech NUS, Inc. | Date Collected: | |
| Project: | NWIRP Bethpage 112G08005-WE13 | Date Received: | |
| Client Sample ID: | PB169547BL | SDG No.: | Q3017 |
| Lab Sample ID: | PB169547BL | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO113483.D | 1 | 09/04/25 09:33 | 09/04/25 20:56 | PB169547 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.25 | U | 0.097 | 0.25 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.40 | U | 0.13 | 0.40 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.25 | U | 0.096 | 0.25 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.25 | U | 0.12 | 0.25 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.25 | U | 0.071 | 0.25 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.25 | U | 0.094 | 0.25 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.40 | U | 0.14 | 0.40 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.25 | U | 0.11 | 0.25 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.25 | U | 0.081 | 0.25 | 0.50 | ug/L |
| **SURROGATES** | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 20.4 | | 35 - 137 | | 102% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 20.6 | | 40 - 135 | | 103% | SPK: 20 |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 20:56
Operator : YP/AJ
Sample : PB169547BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:35:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.658 | 3.651 | 167.1E6 | 98633168 | 20.407 | 19.490 |
| 2) | SA Decachlor... | 8.673 | 8.620 | 131.1E6 | 38941846 | 18.915 | 20.551 |
| | Target Compounds | | | | | | |

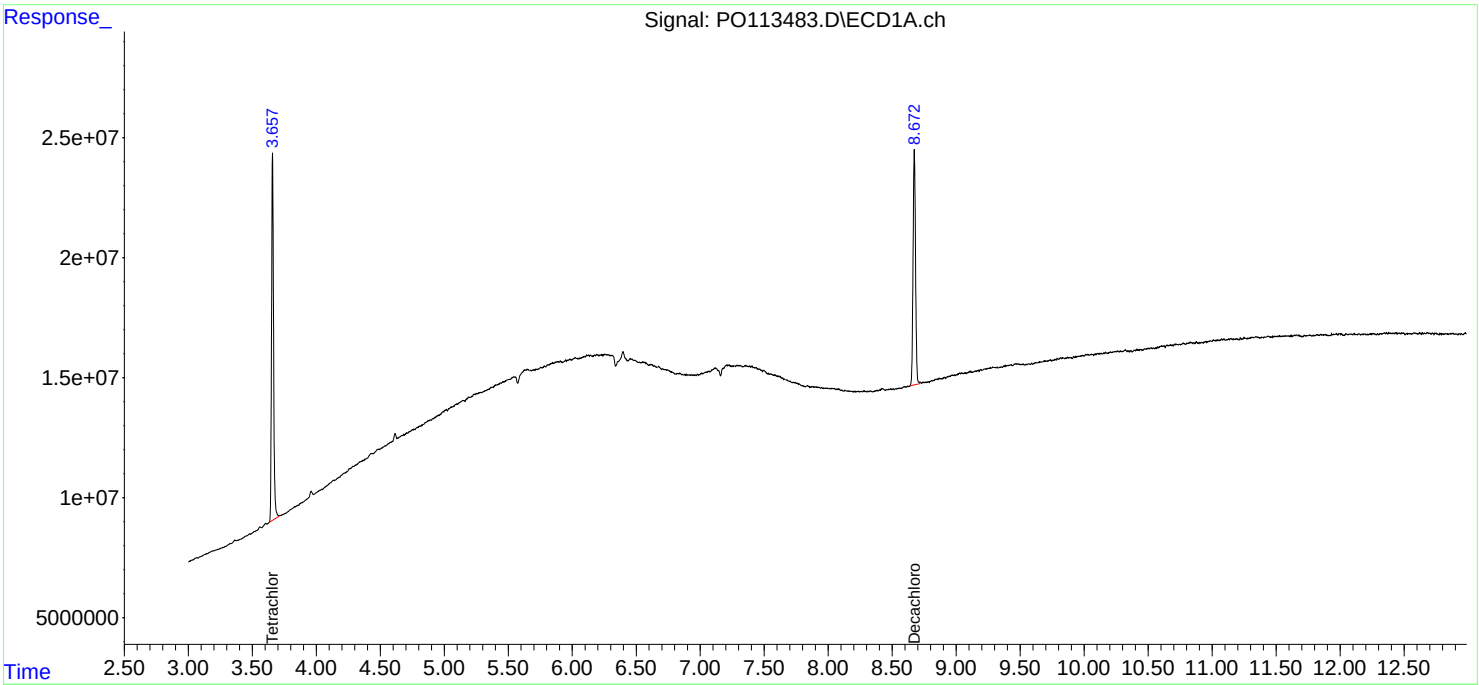
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

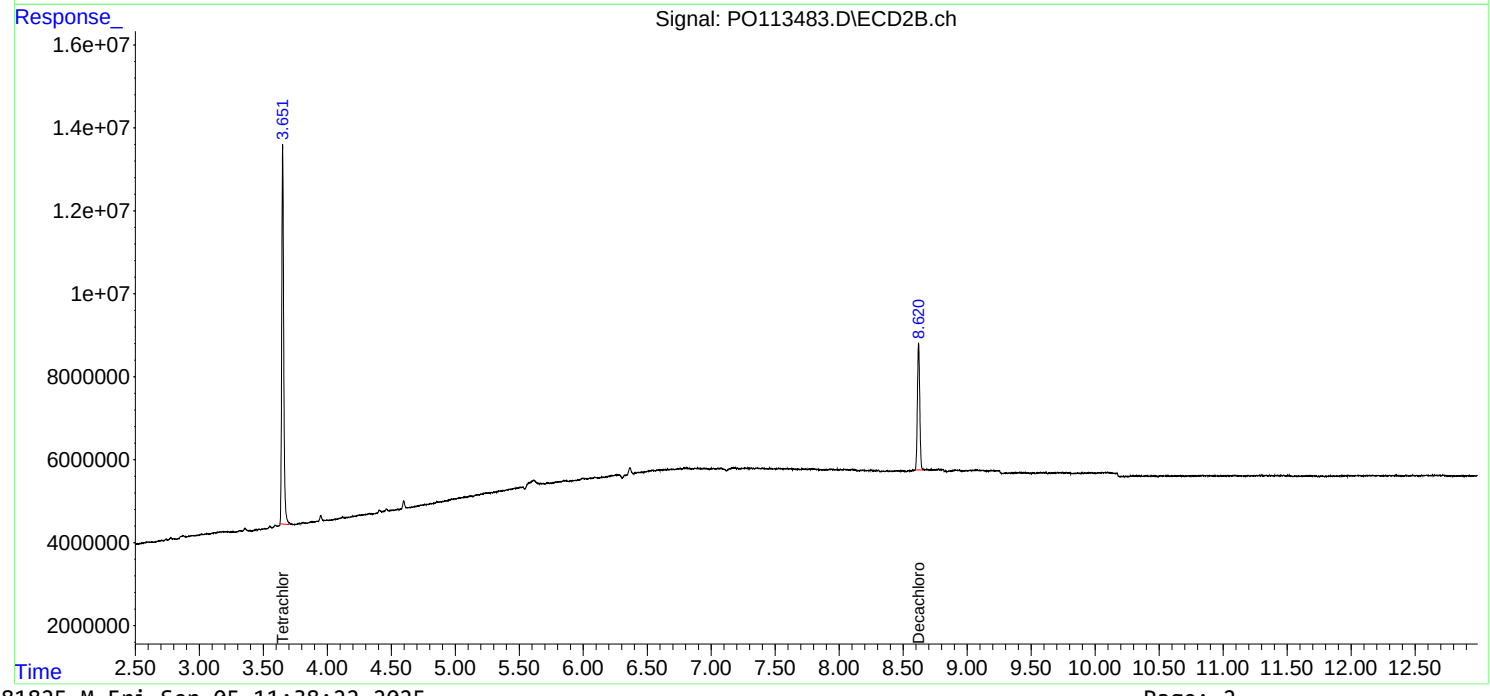
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 20:56
Operator : YP/AJ
Sample : PB169547BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

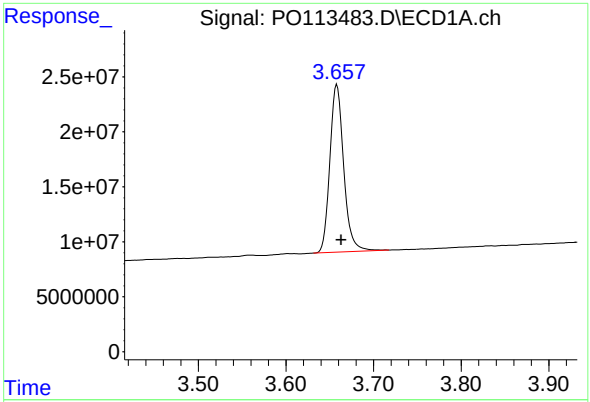
**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:35:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



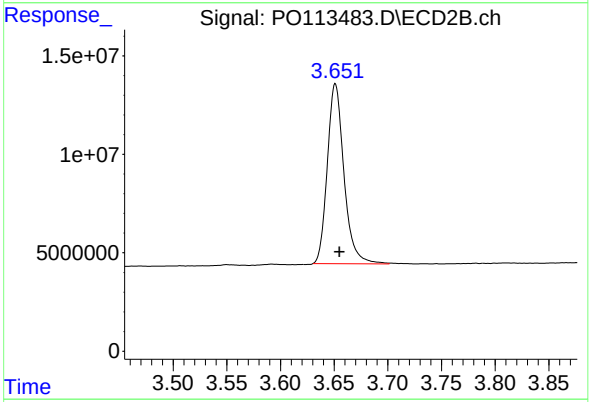






#1 Tetrachloro-m-xylene

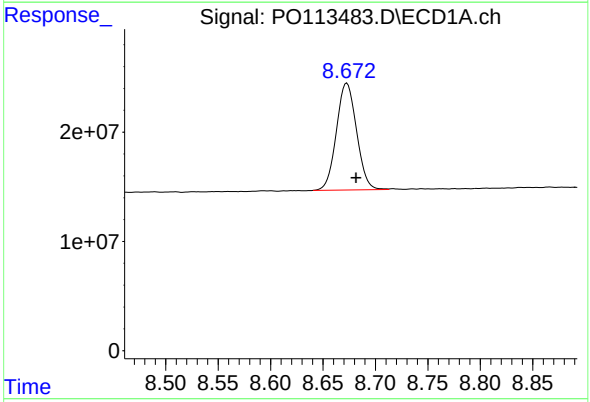
R.T.: 3.658 min
Delta R.T.: -0.005 min
Response: 167064916
Conc: 20.41 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BL



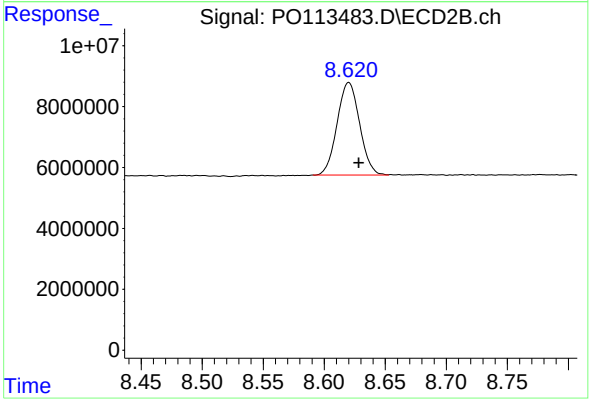

#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: -0.004 min
Response: 98633168
Conc: 19.49 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.673 min
Delta R.T.: -0.009 min
Response: 131109074
Conc: 18.92 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 38941846
Conc: 20.55 ng/ml

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Tetra Tech NUS, Inc. | Date Collected: | 08/18/25 |
| Project: | NWIRP Bethpage 112G08005-WE13 | Date Received: | 08/18/25 |
| Client Sample ID: | PIBLK-PO113002.D | SDG No.: | Q3017 |
| Lab Sample ID: | I.BLK-PO113002.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO113002.D | 1 | | 08/18/25 | PO081825 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.25 | U | 0.097 | 0.25 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.40 | U | 0.13 | 0.40 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.25 | U | 0.096 | 0.25 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.25 | U | 0.12 | 0.25 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.25 | U | 0.071 | 0.25 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.25 | U | 0.094 | 0.25 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.25 | U | 0.081 | 0.25 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.40 | U | 0.14 | 0.40 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.25 | U | 0.11 | 0.25 | 0.50 | ug/L |
| **SURROGATES** | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 16.6 | | 60 - 140 | | 83% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 17.2 | | 60 - 140 | | 86% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 09:34
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:11:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.663 | 3.655 | 136.1E6 | 85350797 | 16.620 | 16.866 |
| 2) | SA Decachlor... | 8.682 | 8.627 | 119.0E6 | 34312580 | 17.168 | 18.108 |
| | Target Compounds | | | | | | |

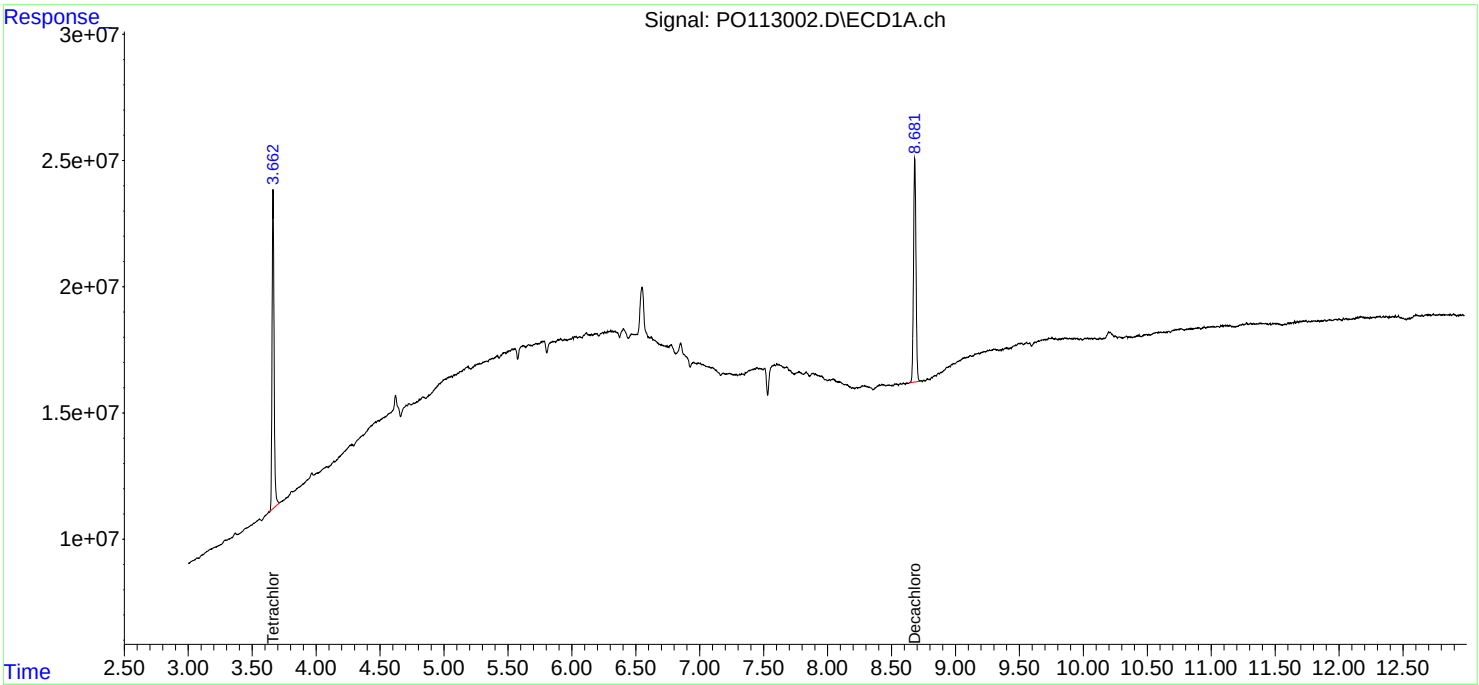
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

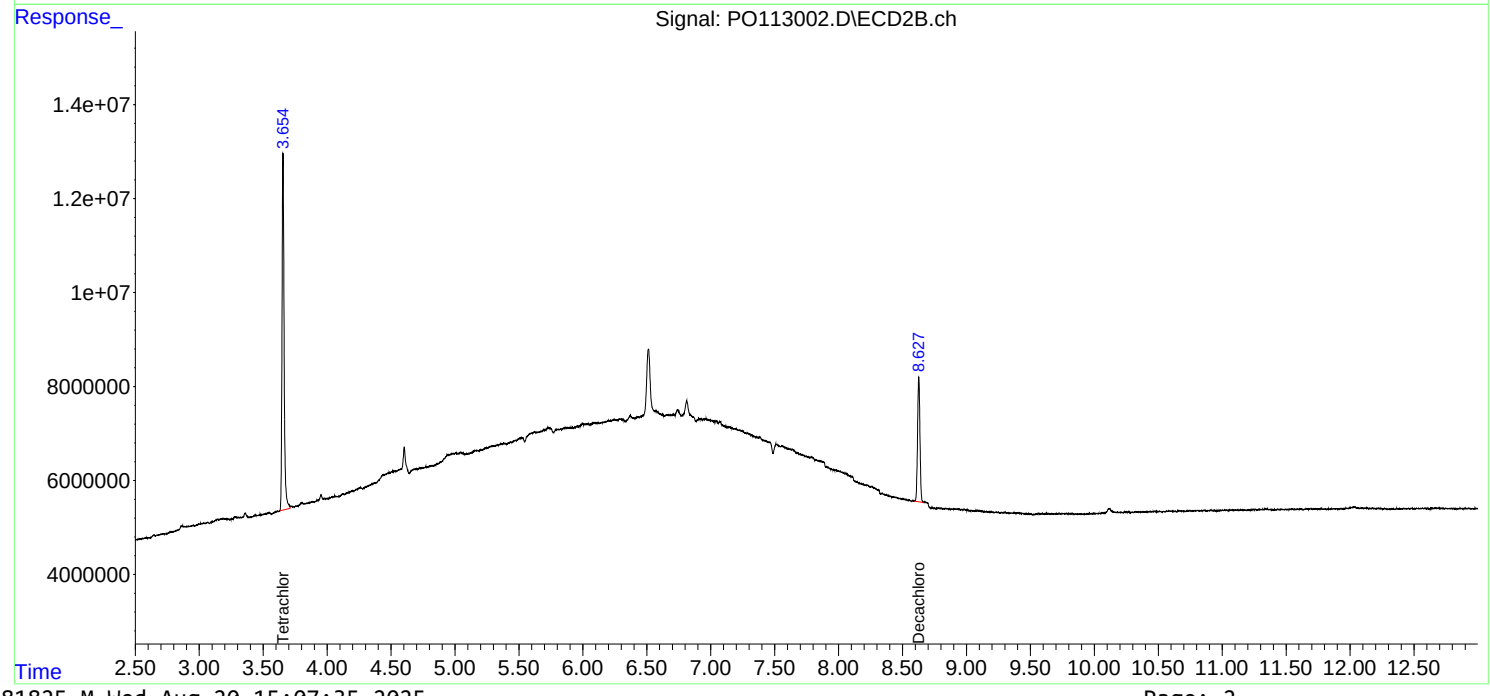
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 09:34
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

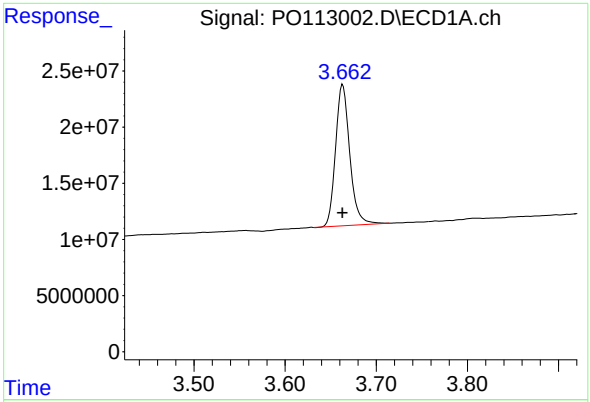
**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 06:11:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



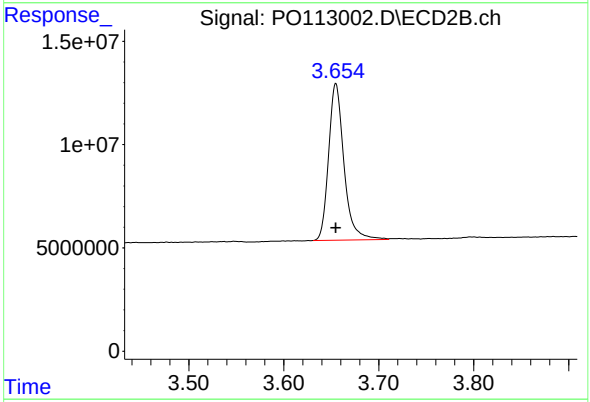






#1 Tetrachloro-m-xylene

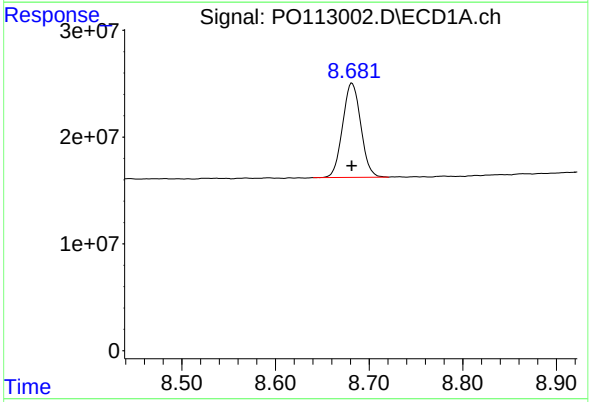
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 136059721
Conc: 16.62 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK



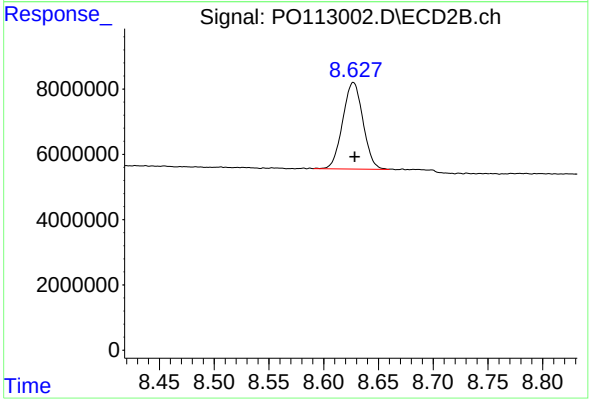

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 85350797
Conc: 16.87 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 119000321
Conc: 17.17 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 34312580
Conc: 18.11 ng/ml

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Tetra Tech NUS, Inc. | Date Collected: | 09/04/25 |
| Project: | NWIRP Bethpage 112G08005-WE13 | Date Received: | 09/04/25 |
| Client Sample ID: | PIBLK-PO113482.D | SDG No.: | Q3017 |
| Lab Sample ID: | I.BLK-PO113482.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO113482.D | 1 | | 09/04/25 | po090425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.25 | U | 0.097 | 0.25 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.40 | U | 0.13 | 0.40 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.25 | U | 0.096 | 0.25 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.25 | U | 0.12 | 0.25 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.25 | U | 0.071 | 0.25 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.25 | U | 0.094 | 0.25 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.25 | U | 0.081 | 0.25 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.40 | U | 0.14 | 0.40 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.25 | U | 0.11 | 0.25 | 0.50 | ug/L |
| **SURROGATES** | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 18.2 | | 60 - 140 | | 91% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 17.8 | | 60 - 140 | | 89% | SPK: 20 |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 20:39
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:35:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.660 | 3.651 | 154.1E6 | 92026478 | 18.825 | 18.185 |
| 2) | SA Decachlor... | 8.676 | 8.620 | 123.2E6 | 36853338 | 17.780 | 19.449 |
| | Target Compounds | | | | | | |

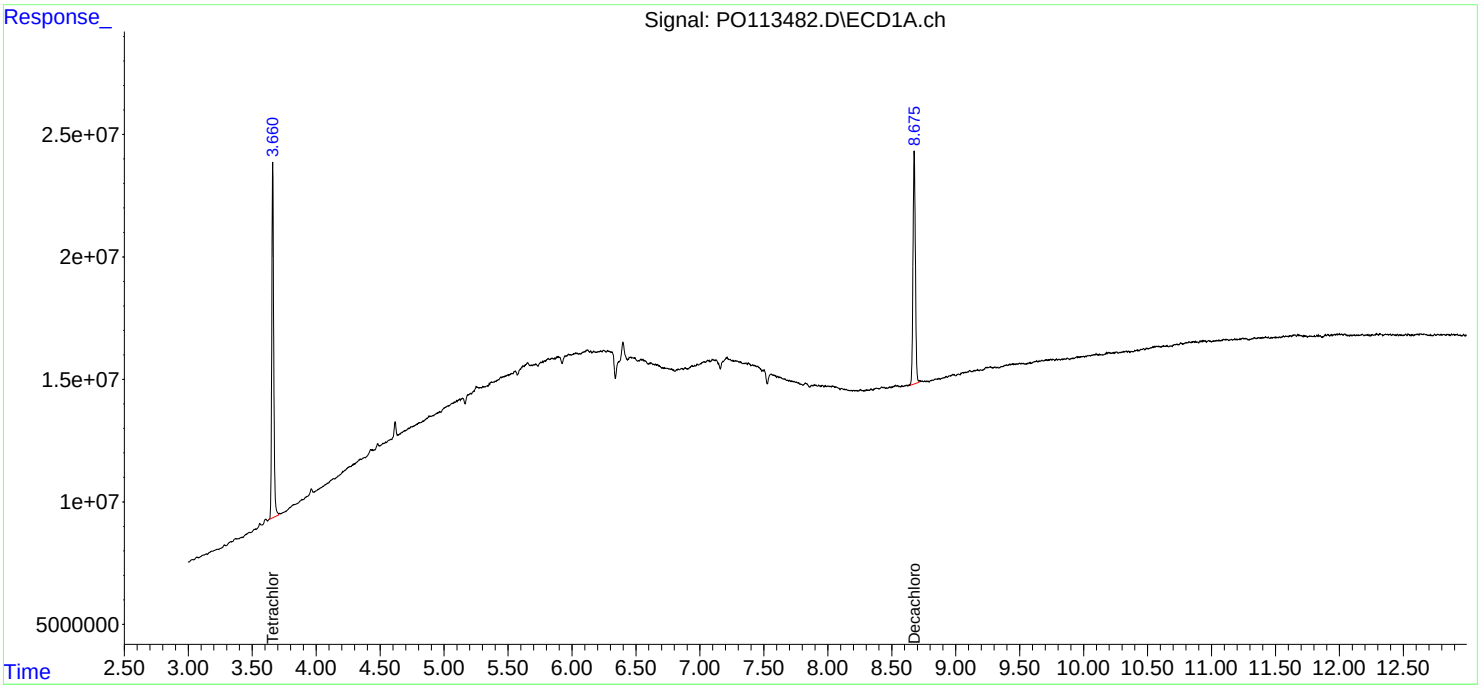
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

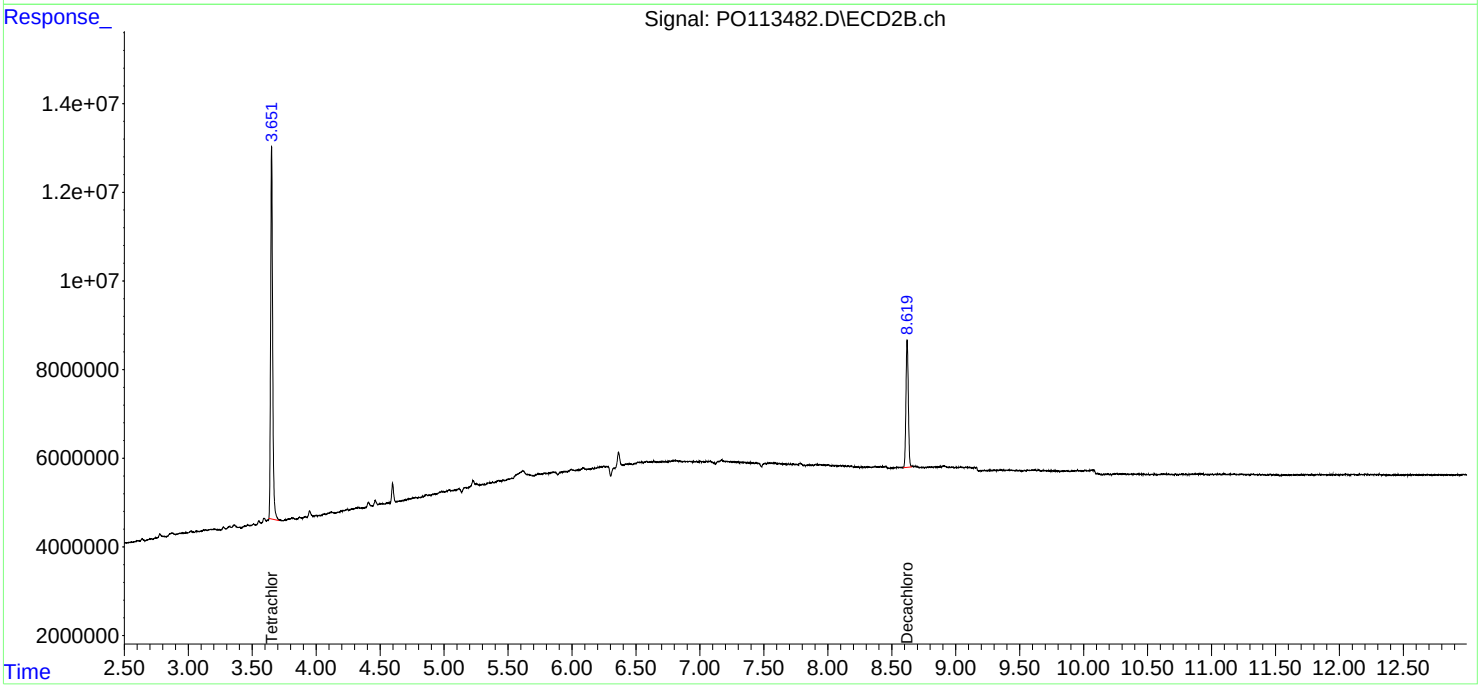
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 20:39
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

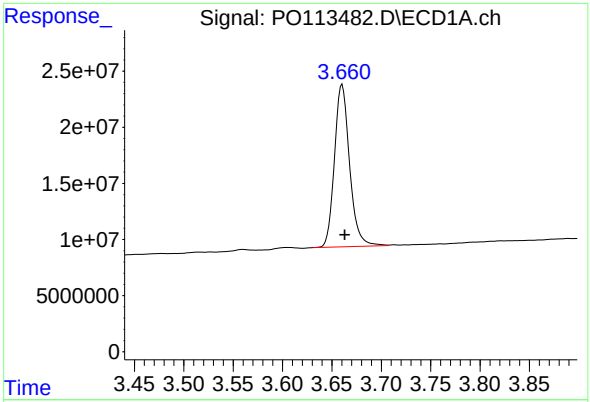
**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:35:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



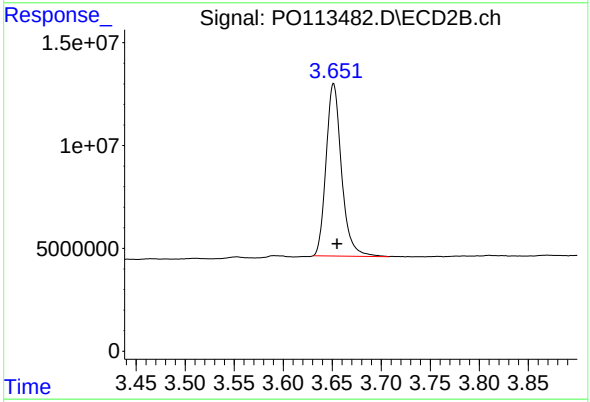






#1 Tetrachloro-m-xylene

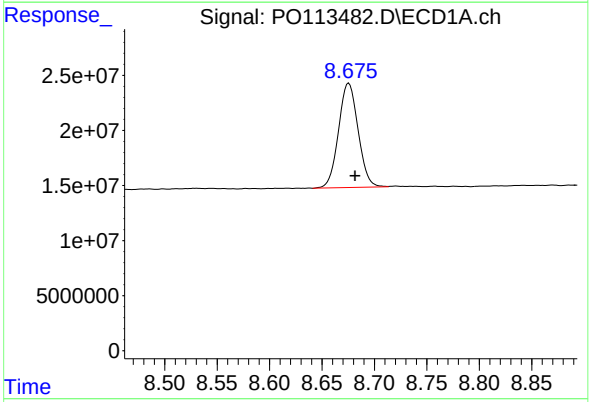
R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 154113067
Conc: 18.83 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK



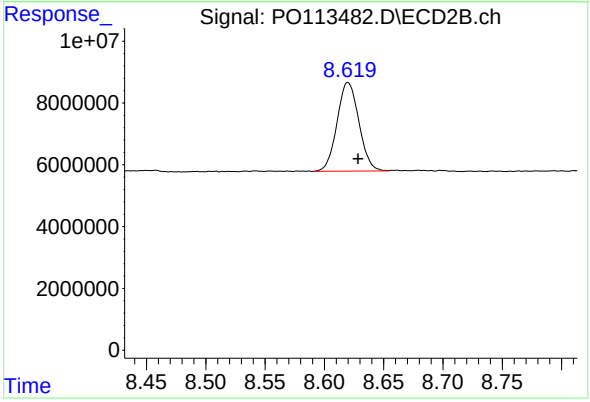

#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: -0.003 min
Response: 92026478
Conc: 18.18 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.006 min
Response: 123240605
Conc: 17.78 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 36853338
Conc: 19.45 ng/ml

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Tetra Tech NUS, Inc. | Date Collected: | 09/05/25 |
| Project: | NWIRP Bethpage 112G08005-WE13 | Date Received: | 09/05/25 |
| Client Sample ID: | PIBLK-PO113492.D | SDG No.: | Q3017 |
| Lab Sample ID: | I.BLK-PO113492.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO113492.D | 1 | | 09/05/25 | po090425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.25 | U | 0.097 | 0.25 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.40 | U | 0.13 | 0.40 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.25 | U | 0.096 | 0.25 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.25 | U | 0.12 | 0.25 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.25 | U | 0.071 | 0.25 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.25 | U | 0.094 | 0.25 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.25 | U | 0.081 | 0.25 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.40 | U | 0.14 | 0.40 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.25 | U | 0.11 | 0.25 | 0.50 | ug/L |
| **SURROGATES** | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 18.6 | | 60 - 140 | | 93% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 18.9 | | 60 - 140 | | 94% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 01:12
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:51:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.660 | 3.652 | 160.0E6 | 93952650 | 19.548 | 18.565 |
| 2) | SA Decachlor... | 8.675 | 8.620 | 130.9E6 | 38247528 | 18.887 | 20.185 |
| | Target Compounds | | | | | | |

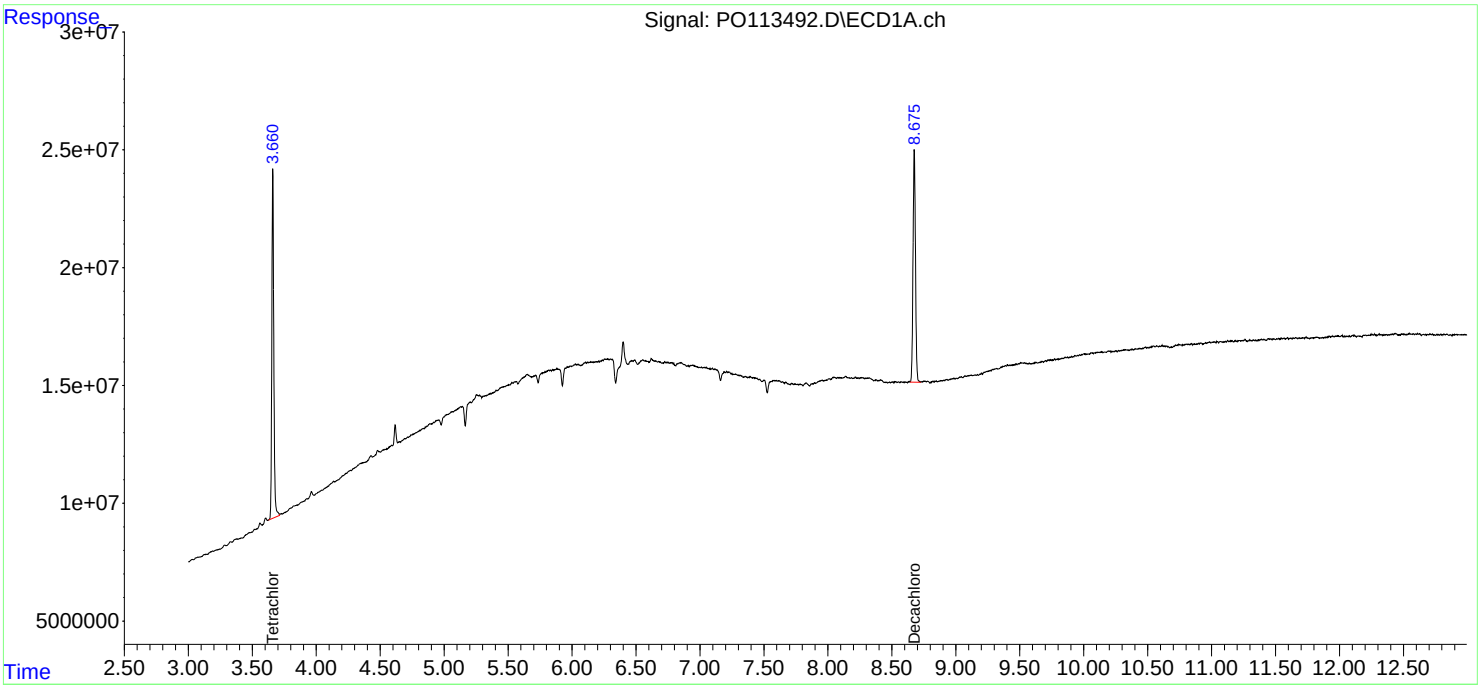
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

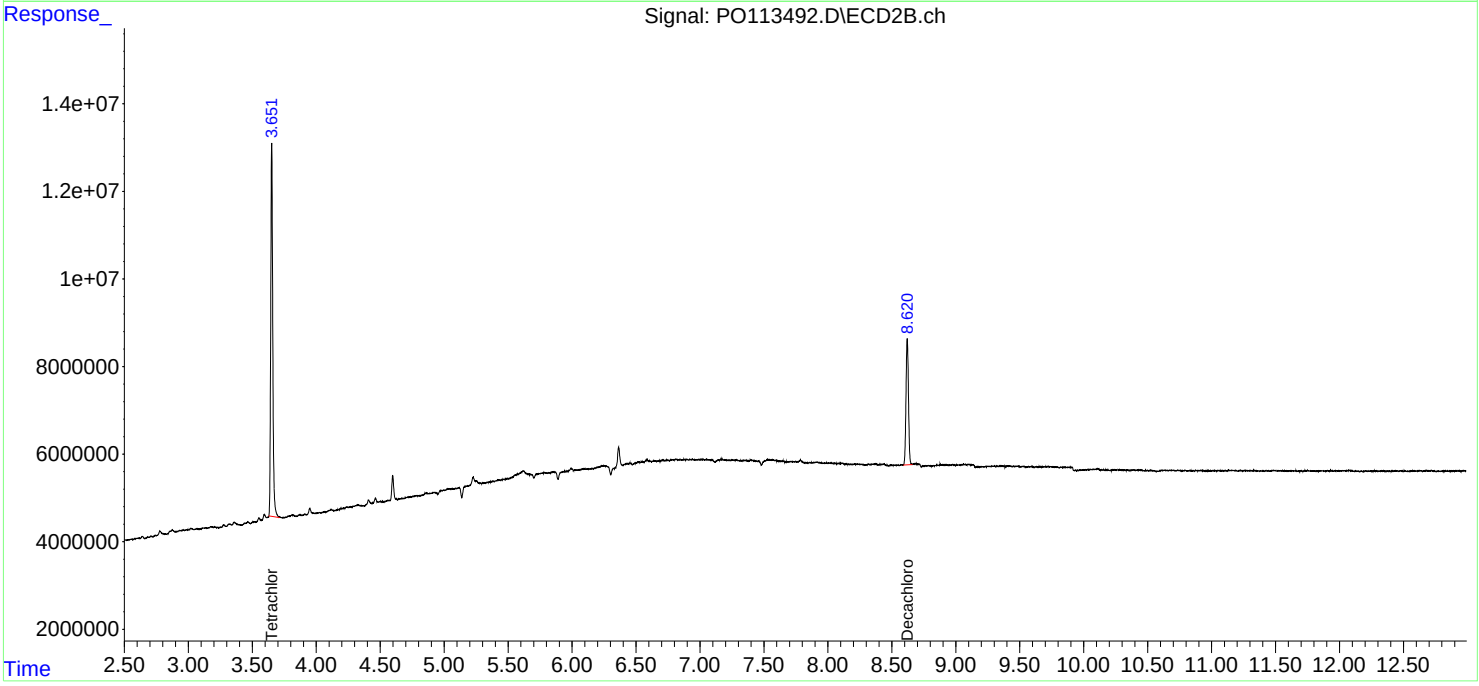
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 01:12
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

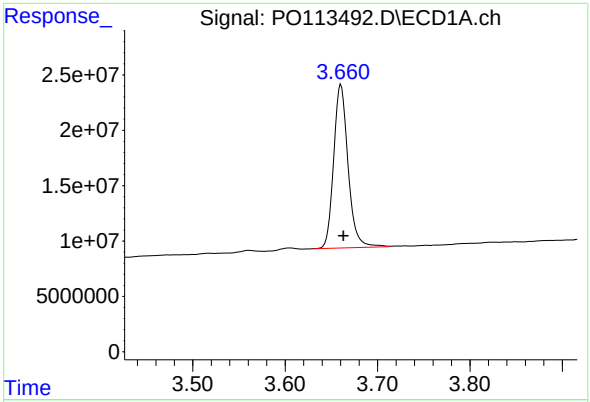
**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:51:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



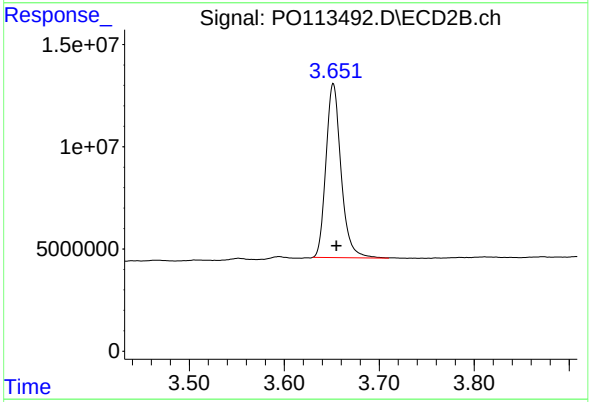






#1 Tetrachloro-m-xylene

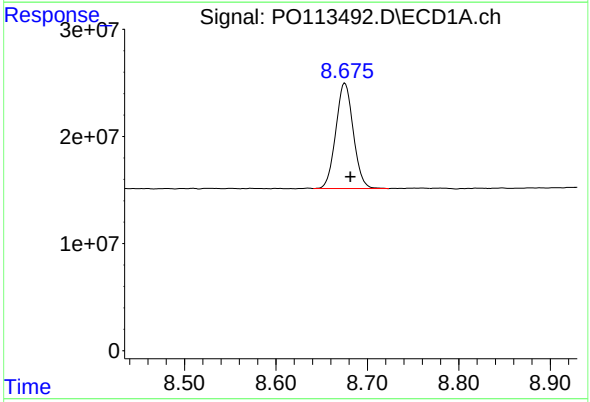
R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 160031324
Conc: 19.55 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
I.BLK



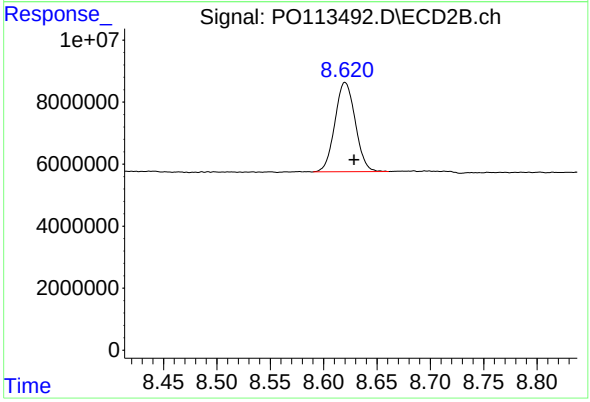

#1 Tetrachloro-m-xylene

R.T.: 3.652 min
Delta R.T.: -0.003 min
Response: 93952650
Conc: 18.57 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.006 min
Response: 130915396
Conc: 18.89 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 38247528
Conc: 20.18 ng/ml

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Tetra Tech NUS, Inc. | Date Collected: | 08/19/25 |
| Project: | NWIRP Bethpage 112G08005-WE13 | Date Received: | 08/19/25 |
| Client Sample ID: | PIBLK-PP074490.D | SDG No.: | Q3017 |
| Lab Sample ID: | I.BLK-PP074490.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP074490.D | 1 | | 08/19/25 | PP081925 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.25 | U | 0.097 | 0.25 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.40 | U | 0.13 | 0.40 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.25 | U | 0.096 | 0.25 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.25 | U | 0.12 | 0.25 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.25 | U | 0.071 | 0.25 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.25 | U | 0.094 | 0.25 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.25 | U | 0.081 | 0.25 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.40 | U | 0.14 | 0.40 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.25 | U | 0.11 | 0.25 | 0.50 | ug/L |
| **SURROGATES** | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 15.7 | | 60 - 140 | | 78% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 16.9 | | 60 - 140 | | 85% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 09:46
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: Aug 20 06:22:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.651 | 3.798 | 21748898 | 75777732 | 17.773 | 15.671 |
| 2) | SA Decachlor... | 10.429 | 8.812 | 18016036 | 127.1E6 | 18.244 | 16.955 |
| | Target Compounds | | | | | | |

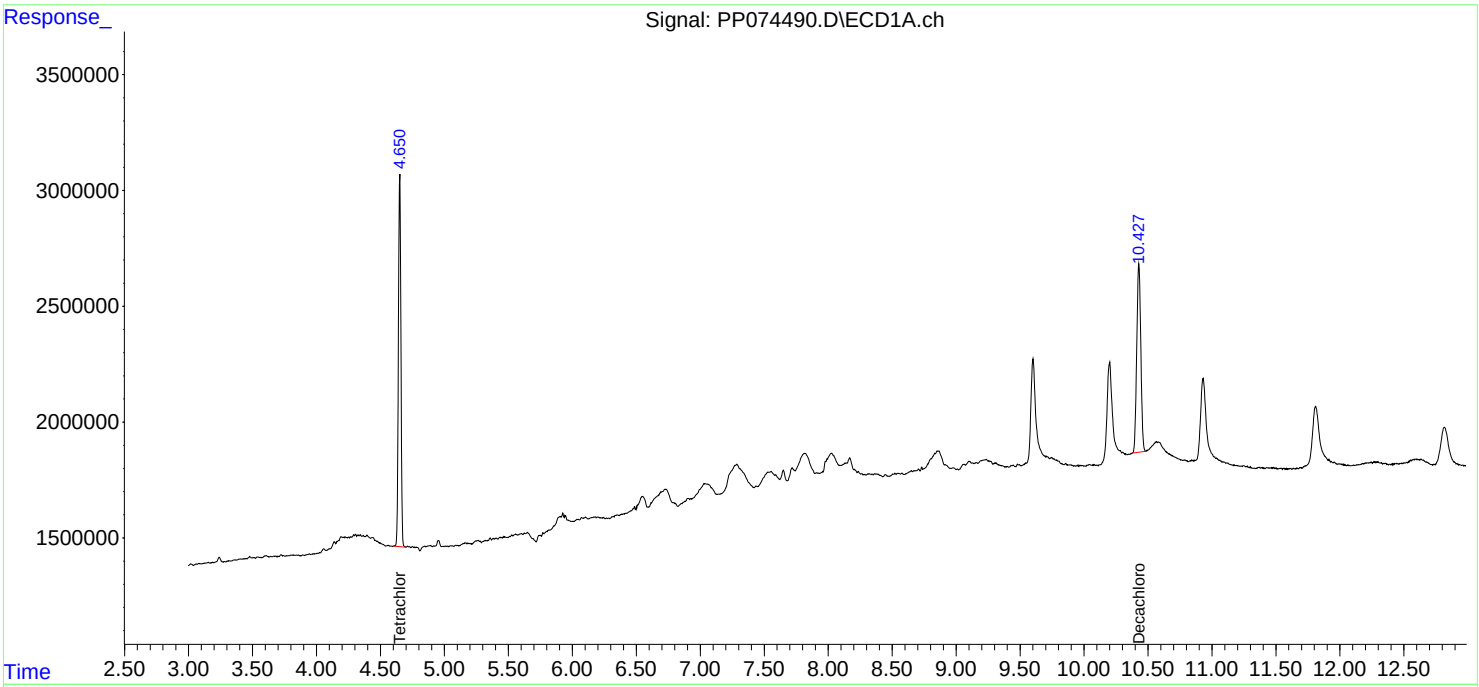
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

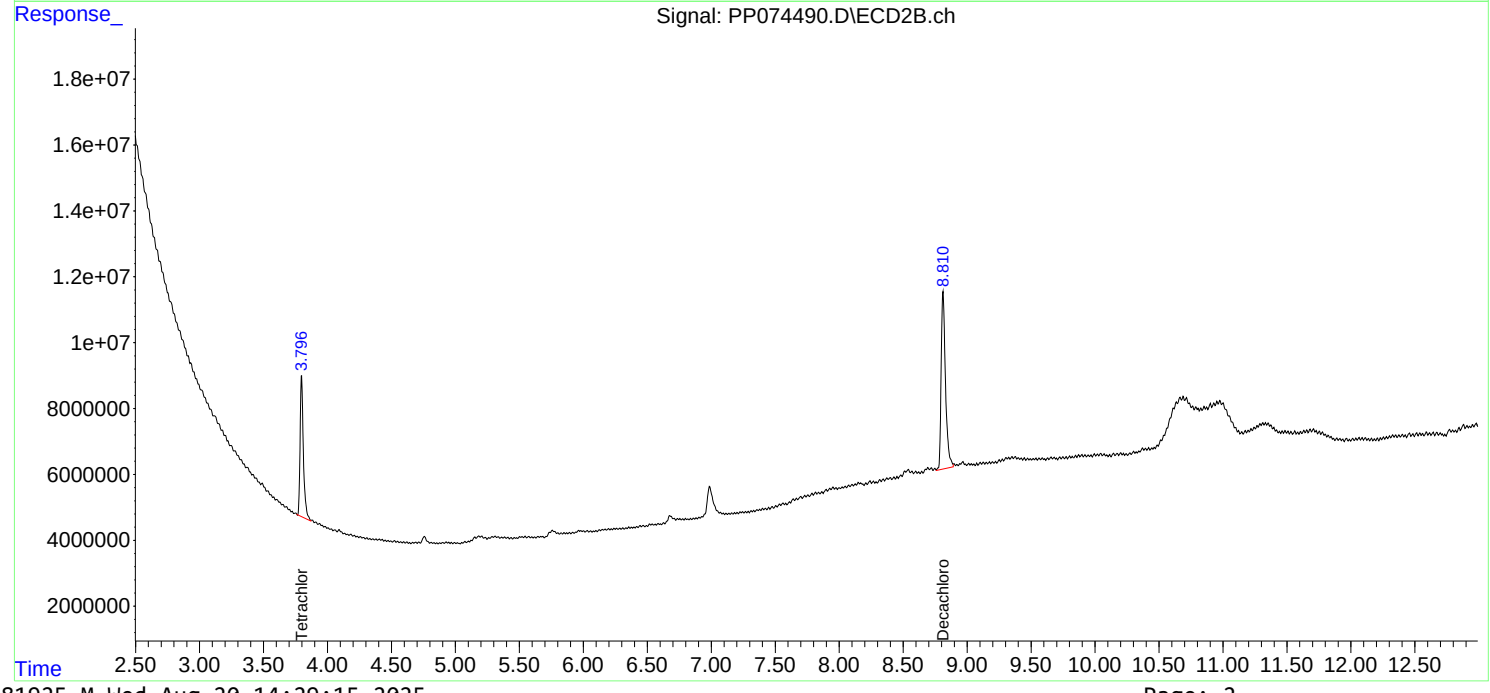
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 09:46
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

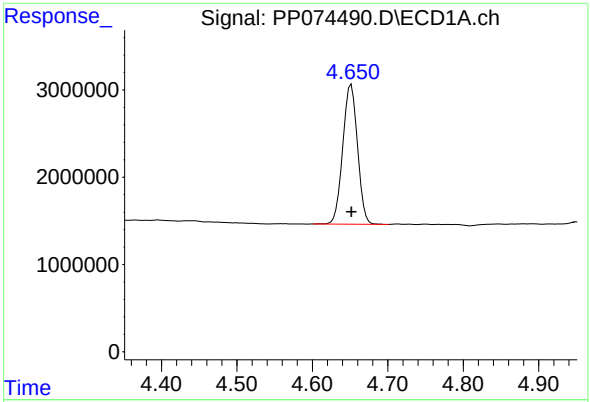
**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:22:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



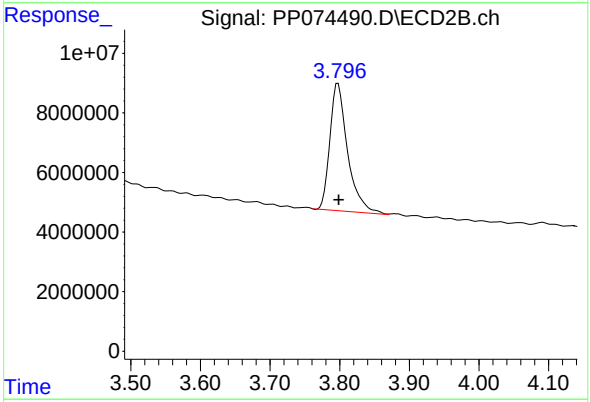






#1 Tetrachloro-m-xylene

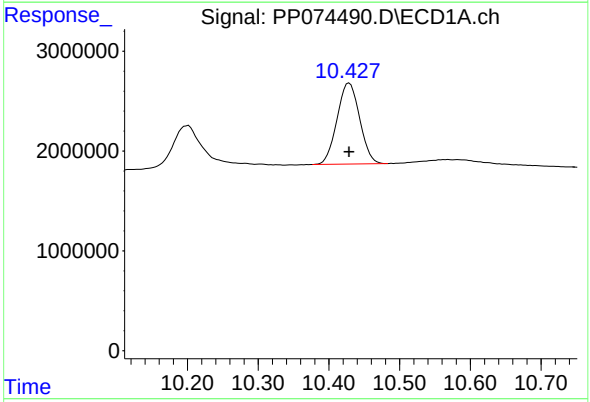
R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 21748898
Conc: 17.77 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK



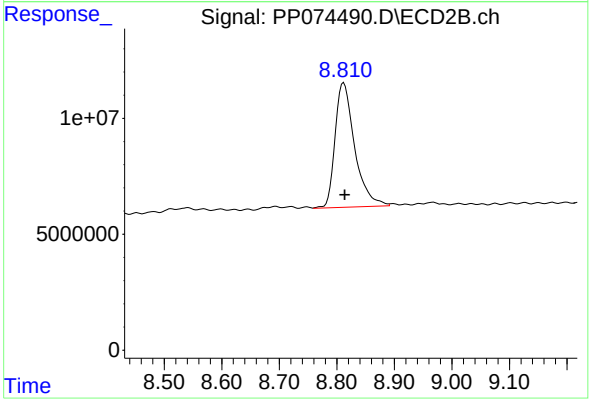

#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: -0.001 min
Response: 75777732
Conc: 15.67 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: 0.000 min
Response: 18016036
Conc: 18.24 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.812 min
Delta R.T.: -0.002 min
Response: 127148329
Conc: 16.95 ng/ml

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Tetra Tech NUS, Inc. | Date Collected: | 09/05/25 |
| Project: | NWIRP Bethpage 112G08005-WE13 | Date Received: | 09/05/25 |
| Client Sample ID: | PIBLK-PP074887.D | SDG No.: | Q3017 |
| Lab Sample ID: | I.BLK-PP074887.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP074887.D | 1 | | 09/05/25 | pp090525 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.25 | U | 0.097 | 0.25 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.40 | U | 0.13 | 0.40 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.25 | U | 0.096 | 0.25 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.25 | U | 0.12 | 0.25 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.25 | U | 0.071 | 0.25 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.25 | U | 0.094 | 0.25 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.25 | U | 0.081 | 0.25 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.40 | U | 0.14 | 0.40 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.25 | U | 0.11 | 0.25 | 0.50 | ug/L |
| **SURROGATES** | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 16.6 | | 60 - 140 | | 83% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 14.3 | | 60 - 140 | | 72% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 09:09
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: Sep 05 23:34:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.662 | 3.796 | 21991906 | 80386205 | 17.972 | 16.624 |
| 2) | SA Decachlor... | 10.446 | 8.810 | 17387361 | 107.6E6 | 17.607 | 14.353 |
| | Target Compounds | | | | | | |

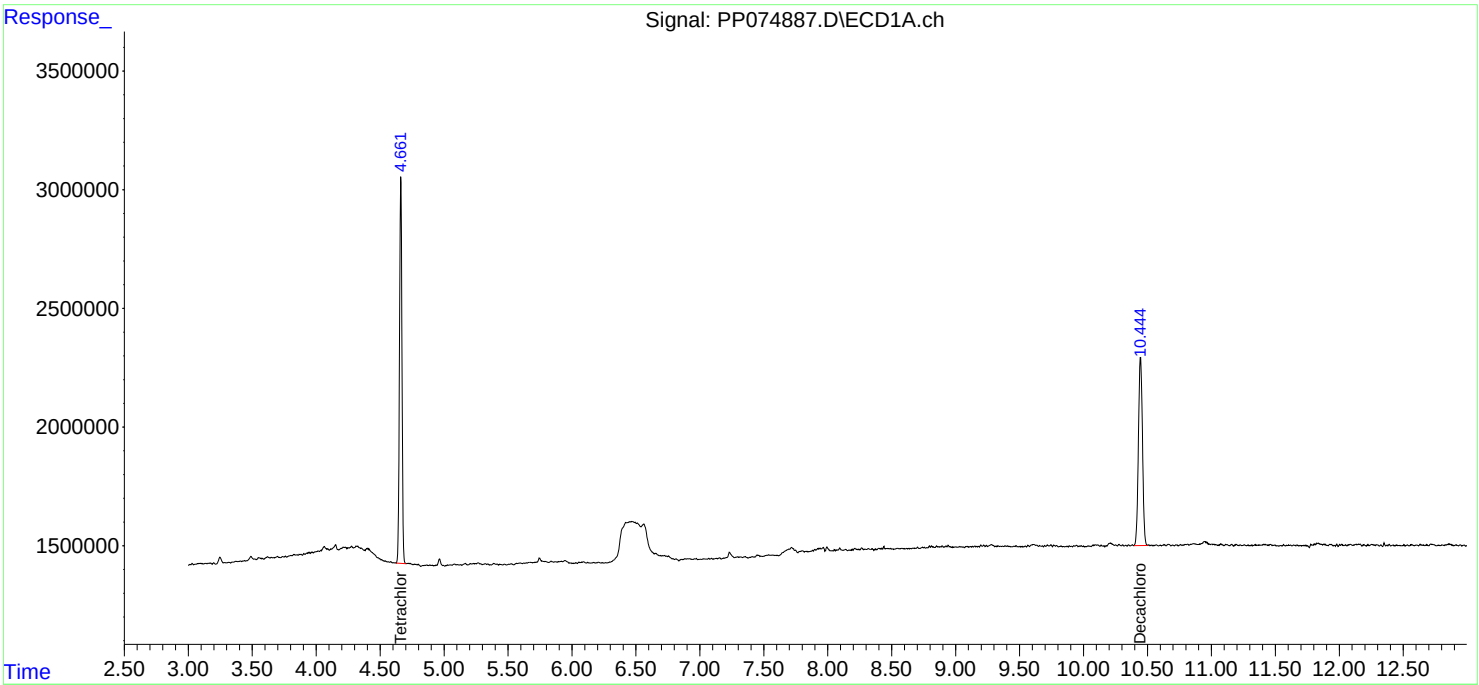
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

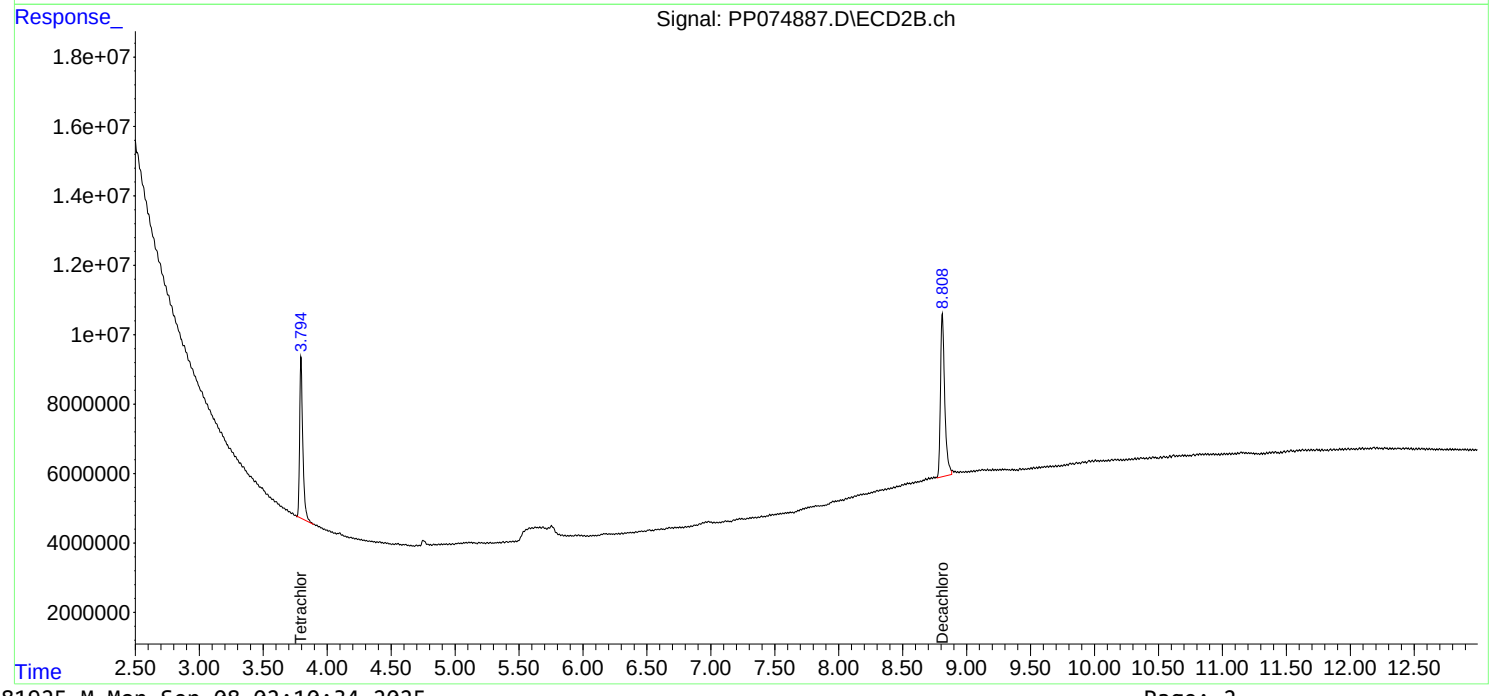
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 09:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

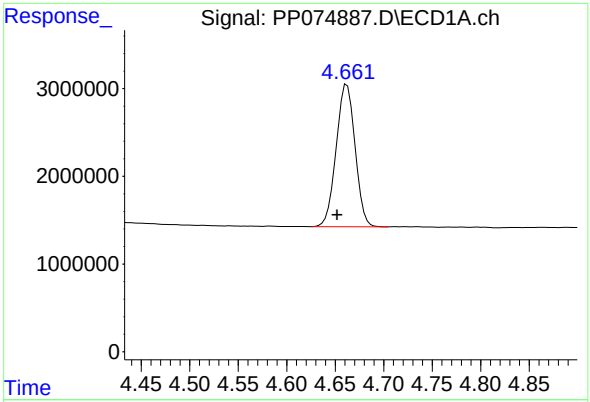
**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:34:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



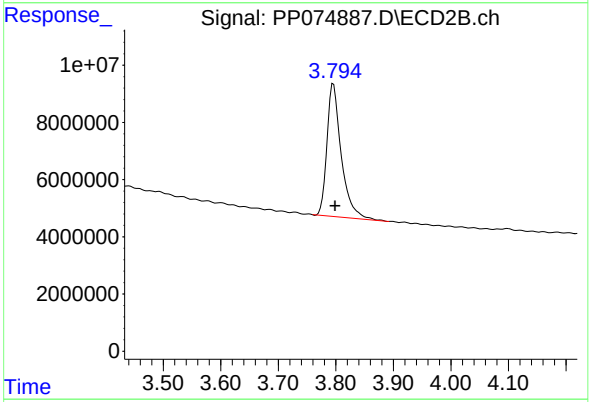






#1 Tetrachloro-m-xylene

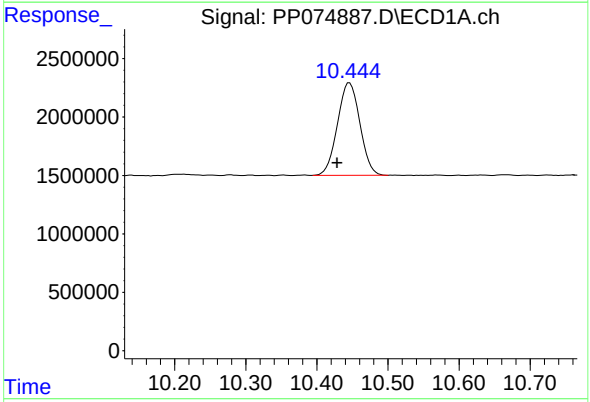
R.T.: 4.662 min
Delta R.T.: 0.010 min
Response: 21991906
Conc: 17.97 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK



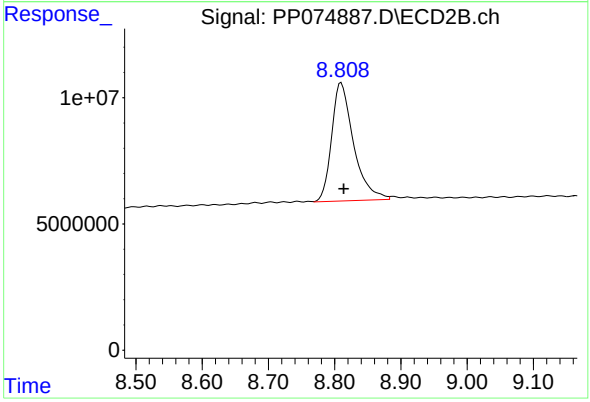

#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: -0.003 min
Response: 80386205
Conc: 16.62 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.446 min
Delta R.T.: 0.018 min
Response: 17387361
Conc: 17.61 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.810 min
Delta R.T.: -0.004 min
Response: 107634030
Conc: 14.35 ng/ml

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Tetra Tech NUS, Inc. | Date Collected: | 09/05/25 |
| Project: | NWIRP Bethpage 112G08005-WE13 | Date Received: | 09/05/25 |
| Client Sample ID: | PIBLK-PP074898.D | SDG No.: | Q3017 |
| Lab Sample ID: | I.BLK-PP074898.D | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 5030 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP074898.D | 1 | | 09/05/25 | pp090525 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.25 | U | 0.097 | 0.25 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.40 | U | 0.13 | 0.40 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.25 | U | 0.096 | 0.25 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.25 | U | 0.12 | 0.25 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.25 | U | 0.071 | 0.25 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.25 | U | 0.094 | 0.25 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.25 | U | 0.081 | 0.25 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.40 | U | 0.14 | 0.40 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.25 | U | 0.11 | 0.25 | 0.50 | ug/L |
| **SURROGATES** | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 15.6 | | 60 - 140 | | 78% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 13.9 | | 60 - 140 | | 70% | SPK: 20 |

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074898.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 05 Sep 2025  13:07
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: Sep 05 23:37:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.661 | 3.803 | 21610807 | 75625413 | 17.660 | 15.640 |
| 2) | SA Decachlor... | 10.439 | 8.813 | 17028838 | 104.5E6 | 17.244 | 13.929 |
| | Target Compounds | | | | | | |

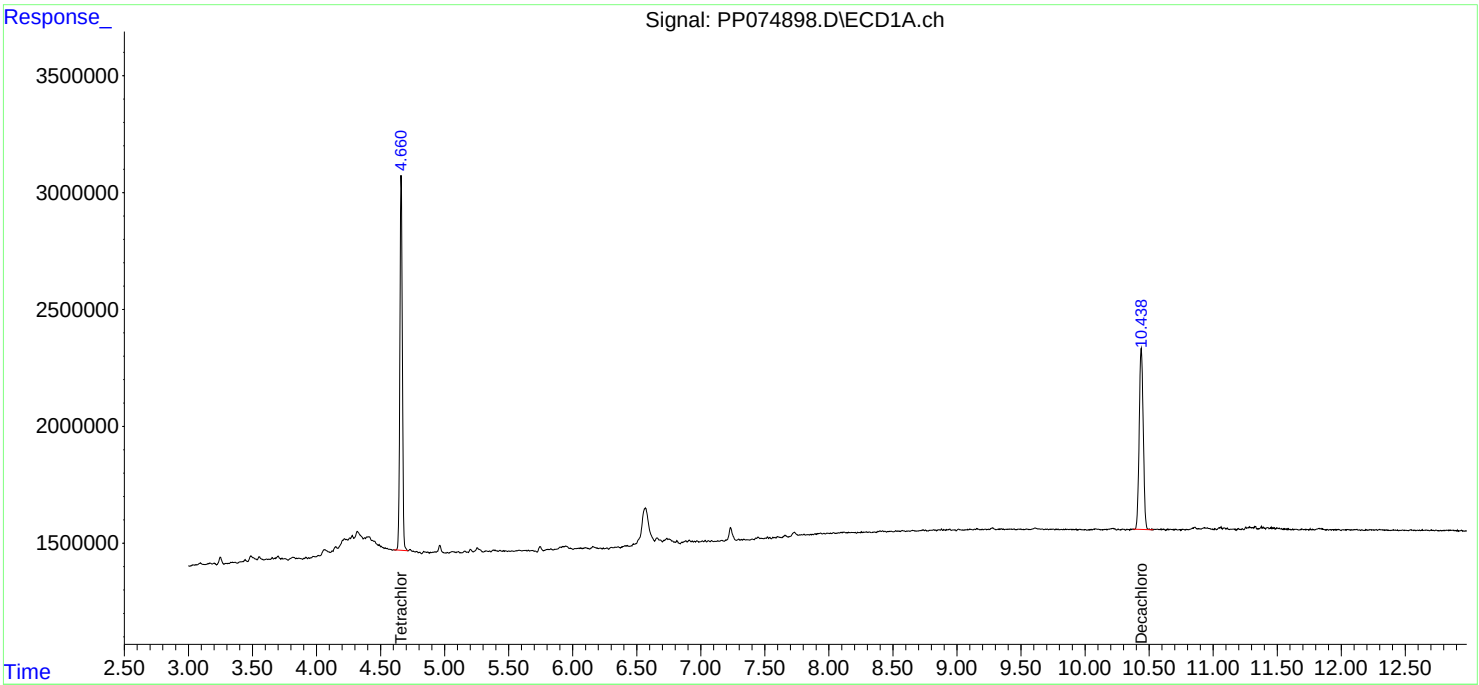
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25%  (m)=manual int.

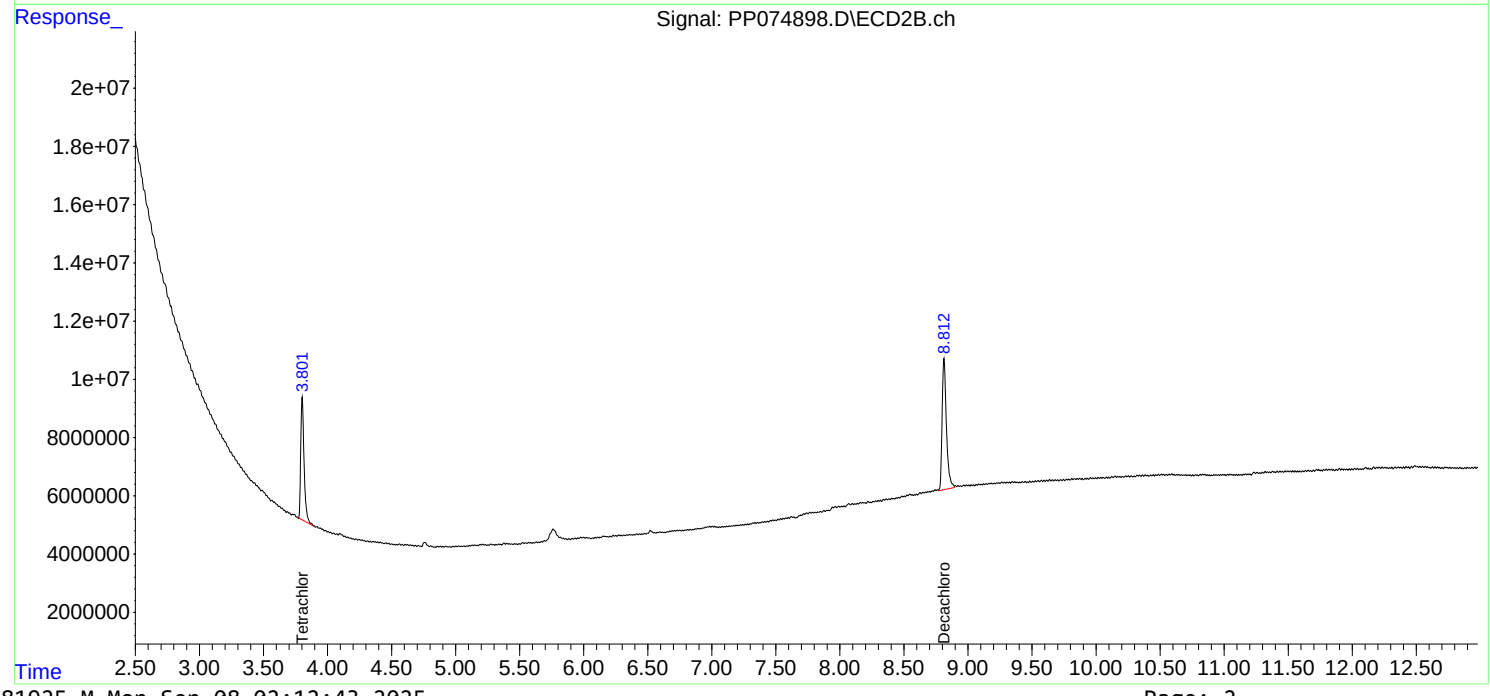
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 13:07
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

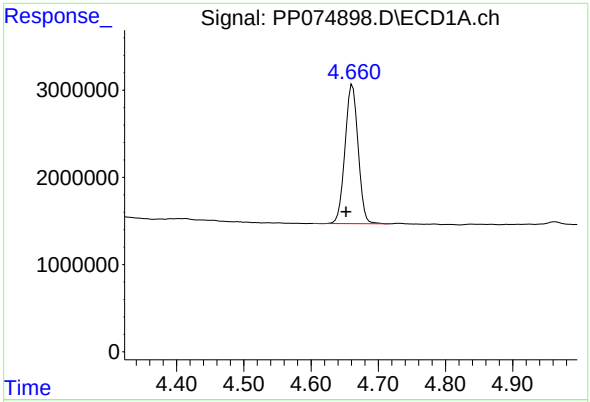
**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:37:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



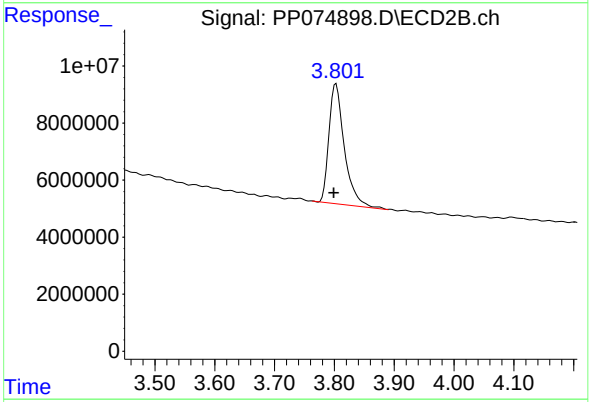






#1 Tetrachloro-m-xylene

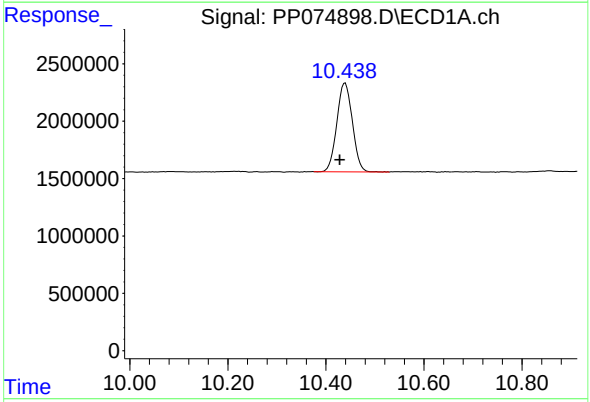
R.T.: 4.661 min
Delta R.T.: 0.009 min
Response: 21610807
Conc: 17.66 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
I.BLK



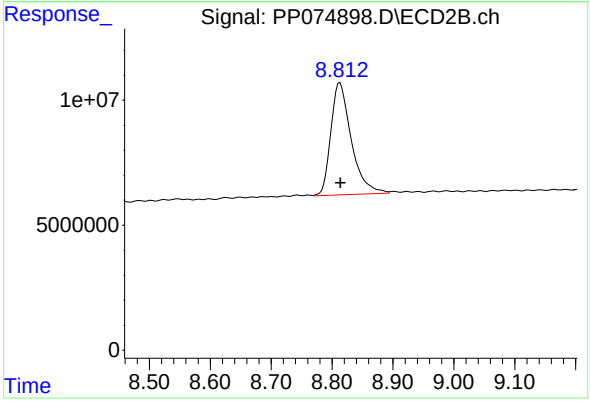

#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.004 min
Response: 75625413
Conc: 15.64 ng/ml




#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.011 min
Response: 17028838
Conc: 17.24 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 104455477
Conc: 13.93 ng/ml

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Tetra Tech NUS, Inc. | Date Collected: | |
| Project: | NWIRP Bethpage 112G08005-WE13 | Date Received: | |
| Client Sample ID: | PB169547BS | SDG No.: | Q3017 |
| Lab Sample ID: | PB169547BS | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO113484.D | 1 | 09/04/25 09:33 | 09/04/25 21:15 | PB169547 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 4.70 | | 0.097 | 0.25 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.40 | U | 0.13 | 0.40 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.25 | U | 0.096 | 0.25 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.25 | U | 0.12 | 0.25 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.25 | U | 0.071 | 0.25 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.25 | U | 0.094 | 0.25 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.40 | U | 0.14 | 0.40 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.25 | U | 0.11 | 0.25 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 4.50 | | 0.081 | 0.25 | 0.50 | ug/L |
| **SURROGATES** | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 20.2 | | 35 - 137 | | 101% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 21.3 | | 40 - 135 | | 106% | SPK: 20 |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:15
Operator : YP/AJ
Sample : PB169547BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.660 | 3.652 | 165.4E6 | 97230225 | 20.200 | 19.213 |
| 2) | SA Decachlor... | 8.676 | 8.621 | 134.3E6 | 40316798 | 19.369 | 21.277 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.744 | 4.724 | 125.8E6 | 77011024 | 471.184 | 451.482 |
| 4) | L1 AR-1016-2 | 4.762 | 4.742 | 199.6E6 | 117.5E6 | 497.317 | 455.955 |
| 5) | L1 AR-1016-3 | 4.819 | 4.917 | 125.2E6 | 60060602 | 490.949 | 430.189 |
| 6) | L1 AR-1016-4 | 4.938 | 4.960 | 97216093 | 48275247 | 445.806m | 413.673 |
| 7) | L1 AR-1016-5 | 5.195 | 5.172 | 101.8E6 | 63023323 | 459.193 | 442.176 |
| 31) | L7 AR-1260-1 | 6.231 | 6.198 | 224.4E6 | 110.5E6 | 503.062 | 433.162 |
| 32) | L7 AR-1260-2 | 6.420 | 6.387 | 335.0E6 | 143.3E6 | 487.788 | 414.574 |
| 33) | L7 AR-1260-3 | 6.786 | 6.537 | 249.0E6 | 118.9E6 | 403.196 | 399.693 |
| 34) | L7 AR-1260-4 | 7.045 | 7.007 | 179.6E6 | 72649696 | 401.057 | 350.542 |
| 35) | L7 AR-1260-5 | 7.289 | 7.249 | 522.1E6 | 161.2E6 | 431.248 | 344.072 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:15
Operator : YP/AJ
Sample : PB169547BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

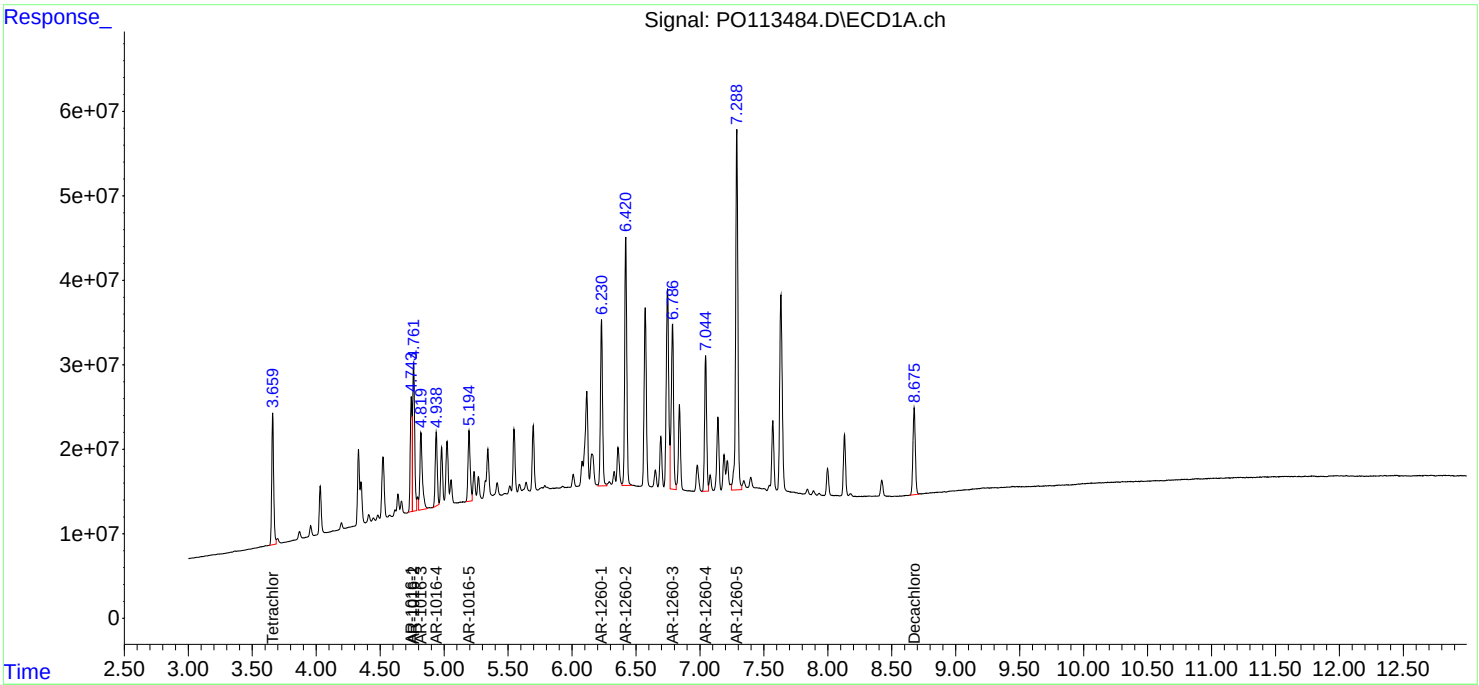
**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS

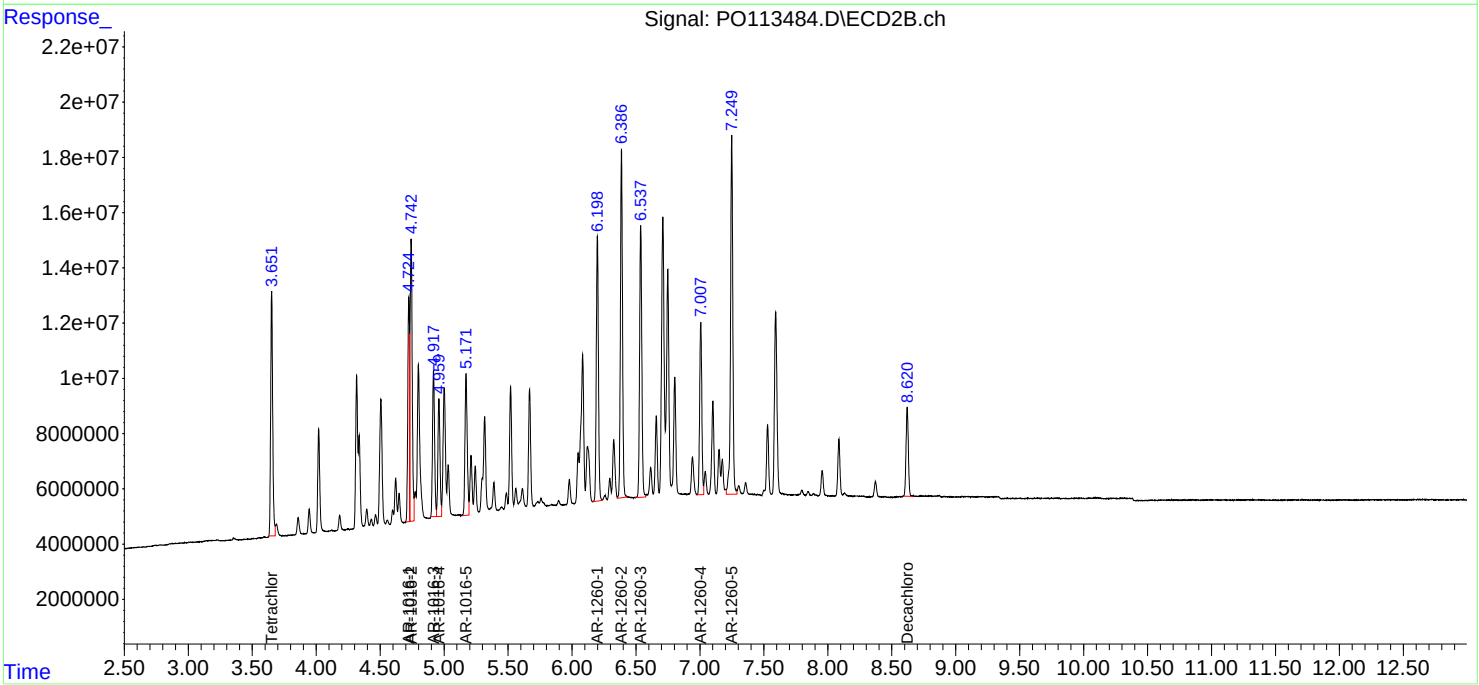
**Manual Integrations APPROVED**

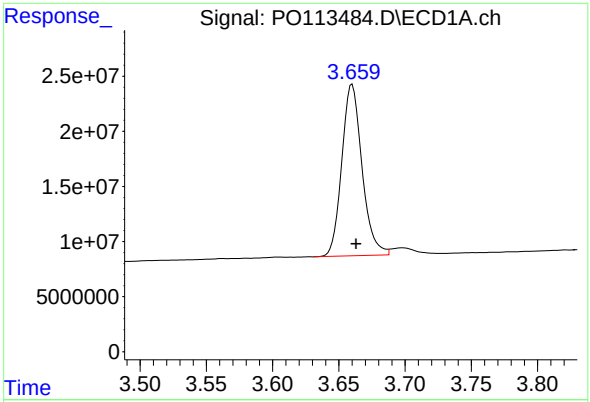
Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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





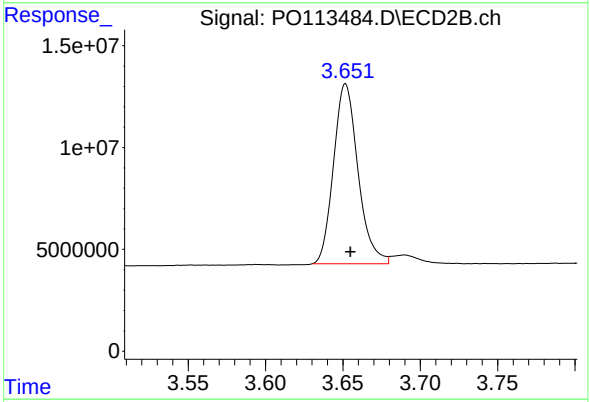

#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 165365966
Conc: 20.20 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS

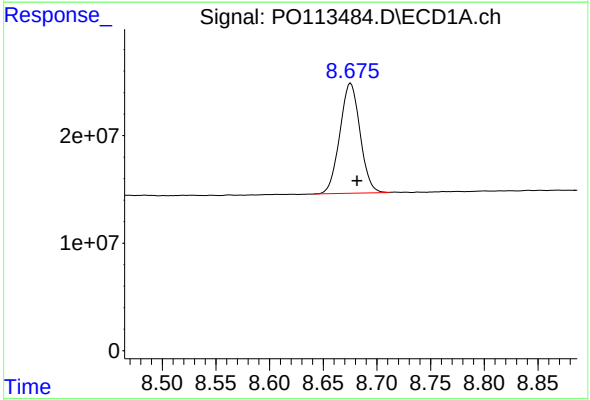
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



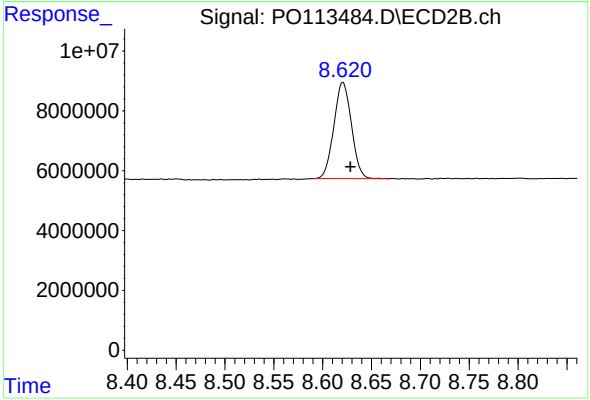

#1 Tetrachloro-m-xylene

R.T.: 3.652 min
Delta R.T.: -0.003 min
Response: 97230225
Conc: 19.21 ng/ml



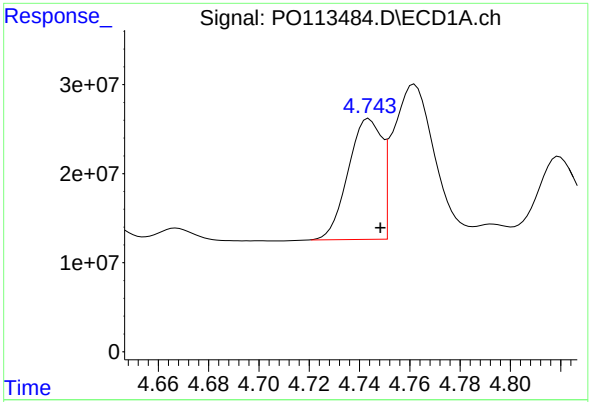

#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.006 min
Response: 134253910
Conc: 19.37 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.621 min
Delta R.T.: -0.008 min
Response: 40316798
Conc: 21.28 ng/ml



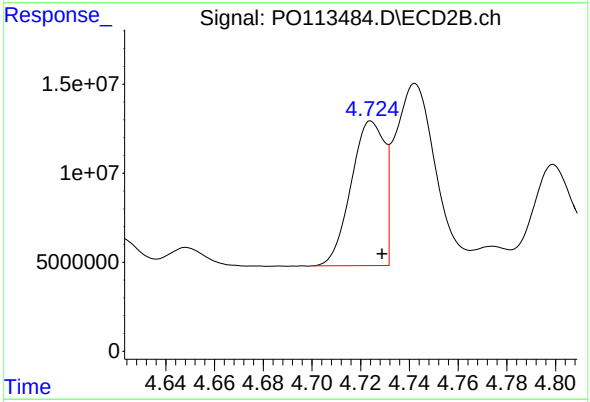

#3 AR-1016-1

R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 125798938
Conc: 471.18 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS

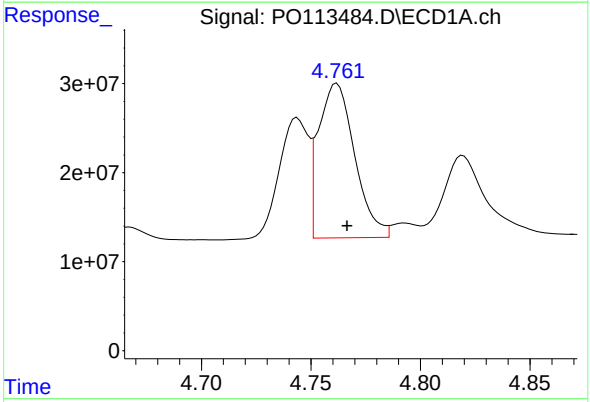
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



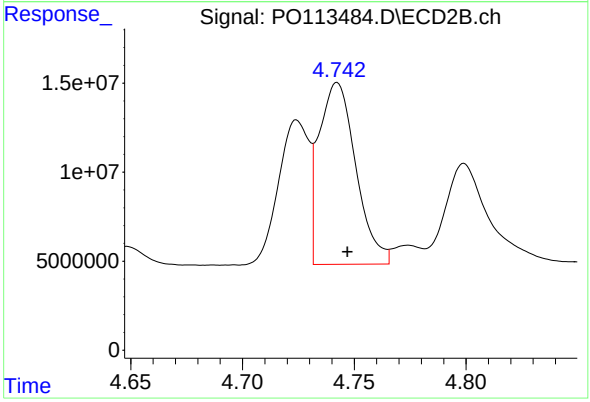

#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 77011024
Conc: 451.48 ng/ml



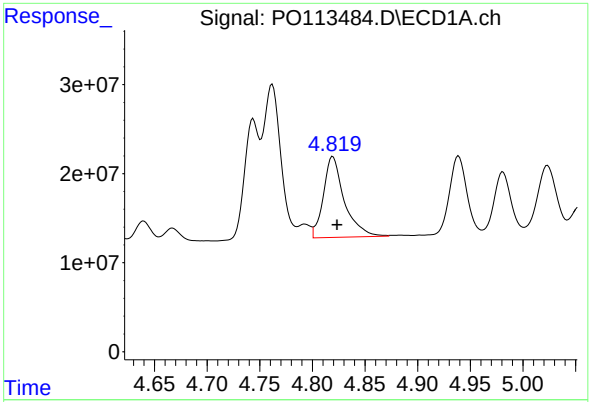

#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 199638799
Conc: 497.32 ng/ml




#4 AR-1016-2

R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 117479628
Conc: 455.96 ng/ml



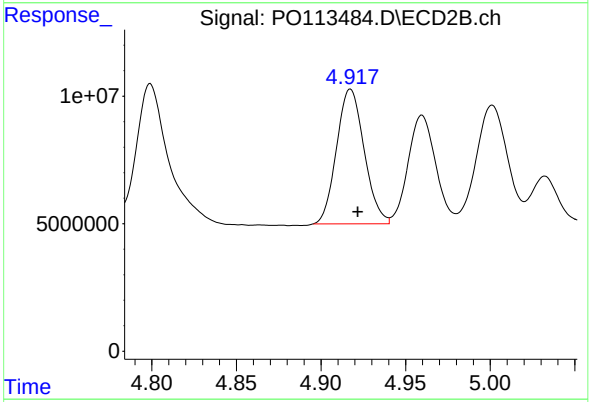

#5 AR-1016-3

R.T.: 4.819 min
Delta R.T.: -0.004 min
Response: 125203123
Conc: 490.95 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS

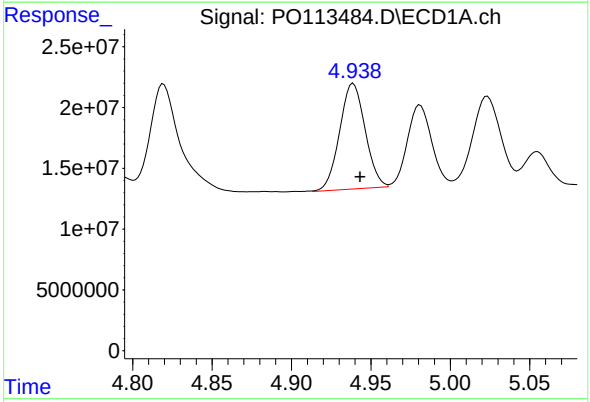
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



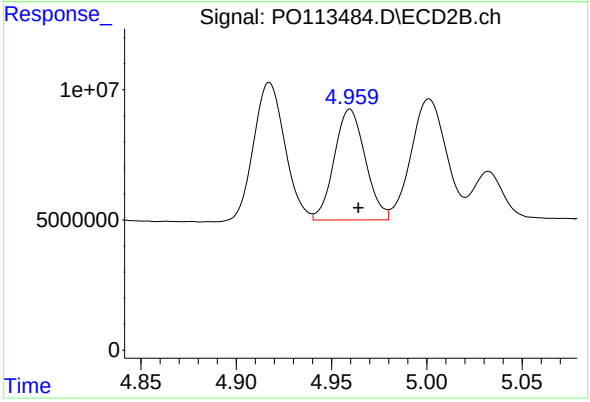

#5 AR-1016-3

R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 60060602
Conc: 430.19 ng/ml



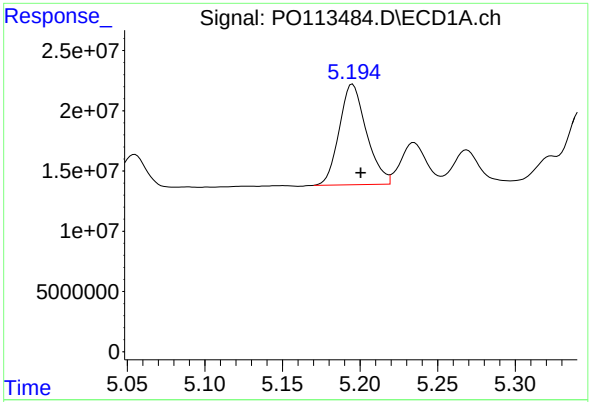

#6 AR-1016-4

R.T.: 4.938 min
Delta R.T.: -0.005 min
Response: 97216093
Conc: 445.81 ng/ml m




#6 AR-1016-4

R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 48275247
Conc: 413.67 ng/ml



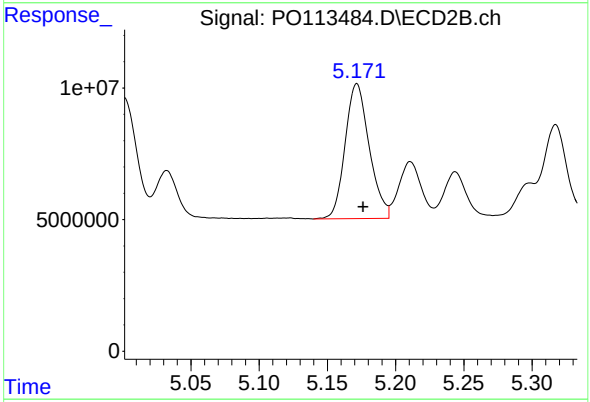

#7 AR-1016-5

R.T.: 5.195 min
Delta R.T.: -0.005 min
Response: 101769994
Conc: 459.19 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS

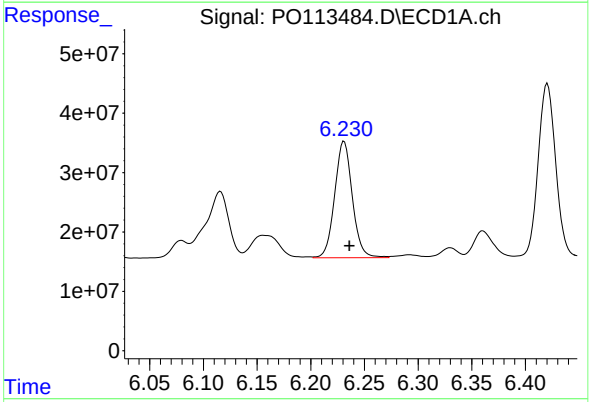
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



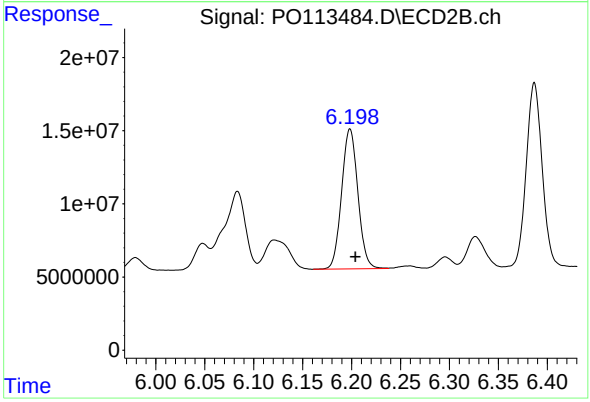

#7 AR-1016-5

R.T.: 5.172 min
Delta R.T.: -0.005 min
Response: 63023323
Conc: 442.18 ng/ml



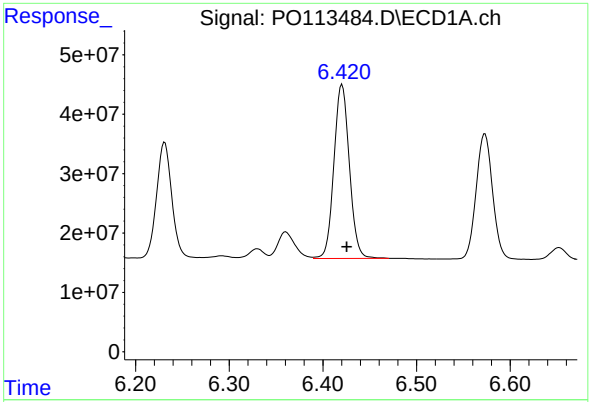

#31 AR-1260-1

R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 224356091
Conc: 503.06 ng/ml




#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 110486144
Conc: 433.16 ng/ml



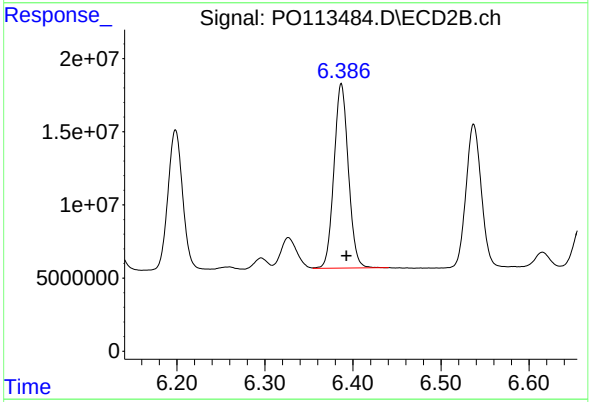

#32 AR-1260-2

R.T.: 6.420 min
Delta R.T.: -0.005 min
Response: 334974434
Conc: 487.79 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS

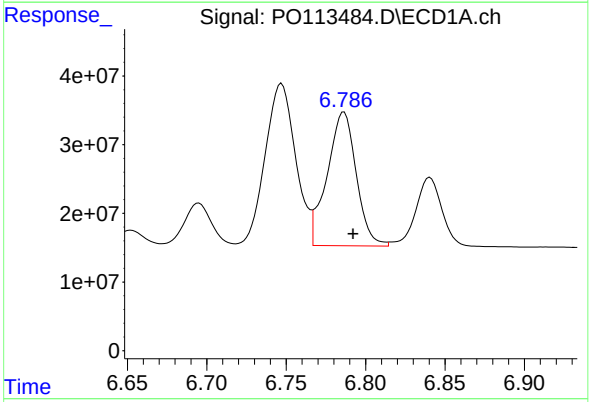
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



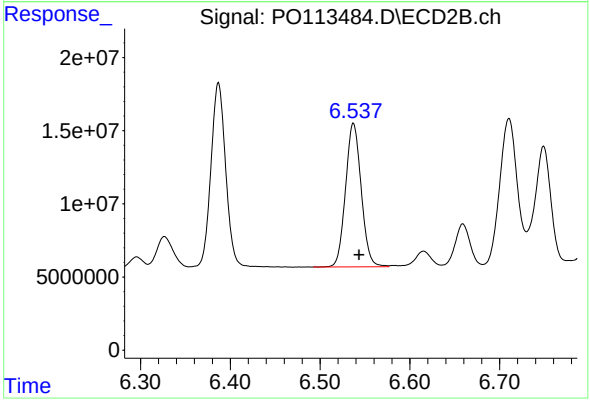

#32 AR-1260-2

R.T.: 6.387 min
Delta R.T.: -0.006 min
Response: 143323016
Conc: 414.57 ng/ml



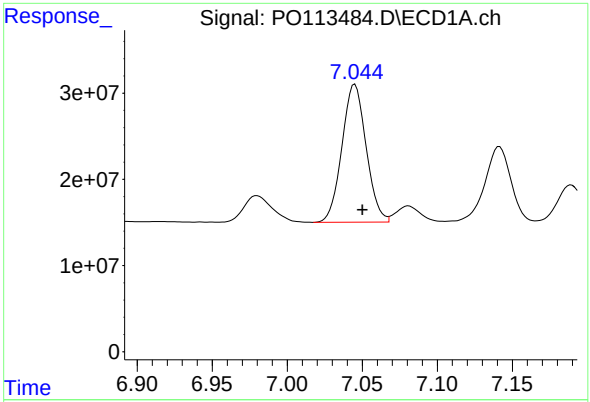

#33 AR-1260-3

R.T.: 6.786 min
Delta R.T.: -0.006 min
Response: 248962933
Conc: 403.20 ng/ml




#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 118882363
Conc: 399.69 ng/ml



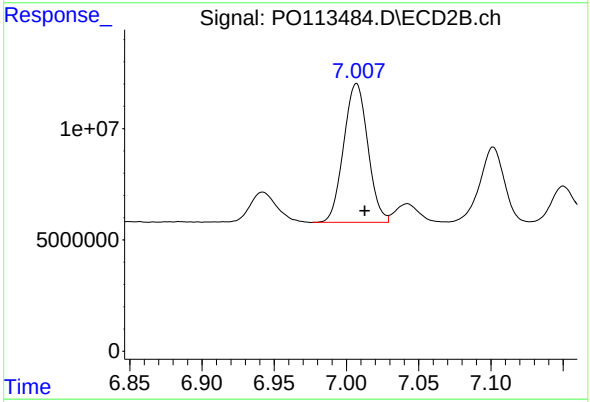

#34 AR-1260-4

R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 179623045
Conc: 401.06 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS

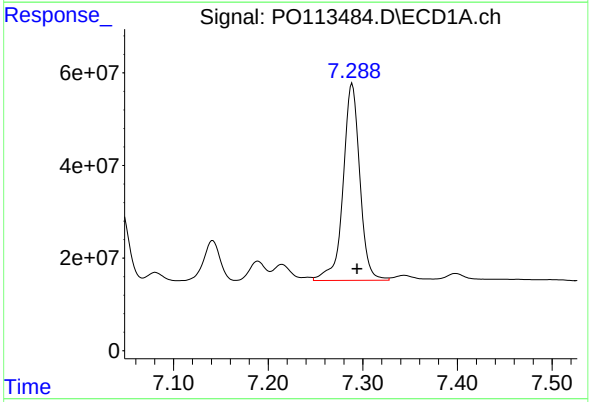
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



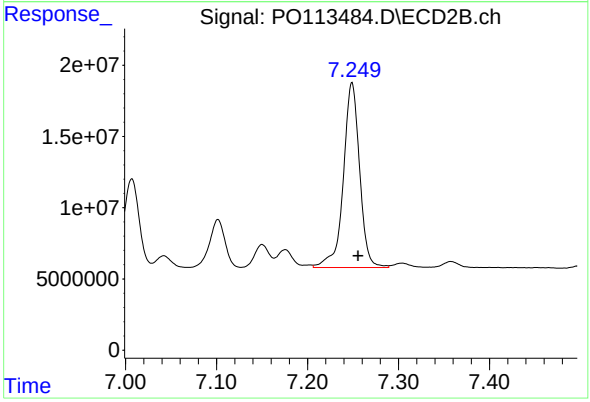

#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.006 min
Response: 72649696
Conc: 350.54 ng/ml




#35 AR-1260-5

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 522105570
Conc: 431.25 ng/ml




#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 161173655
Conc: 344.07 ng/ml

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Tetra Tech NUS, Inc. | Date Collected: | |
| Project: | NWIRP Bethpage 112G08005-WE13 | Date Received: | |
| Client Sample ID: | PB169547BSD | SDG No.: | Q3017 |
| Lab Sample ID: | PB169547BSD | Matrix: | WATER |
| Analytical Method: | 8082A | % Solid: | 0 Decanted: |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | 3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PO113485.D | 1 | 09/04/25 09:33 | 09/04/25 21:33 | PB169547 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | 4.70 | | 0.097 | 0.25 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.40 | U | 0.13 | 0.40 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.25 | U | 0.096 | 0.25 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.25 | U | 0.12 | 0.25 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.25 | U | 0.071 | 0.25 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.25 | U | 0.094 | 0.25 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.40 | U | 0.14 | 0.40 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.25 | U | 0.11 | 0.25 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 4.30 | | 0.081 | 0.25 | 0.50 | ug/L |
| **SURROGATES** | | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 19.6 | | 35 - 137 | | 98% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 20.5 | | 40 - 135 | | 102% | SPK: 20 |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:33
Operator : YP/AJ
Sample : PB169547BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.660 | 3.651 | 160.0E6 | 94042684 | 19.547 | 18.583 |
| 2) | SA Decachlor... | 8.675 | 8.620 | 130.4E6 | 38829789 | 18.814 | 20.492 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.744 | 4.724 | 127.4E6 | 75153410 | 477.204 | 440.592 |
| 4) | L1 AR-1016-2 | 4.762 | 4.742 | 191.7E6 | 114.1E6 | 477.578 | 443.025 |
| 5) | L1 AR-1016-3 | 4.819 | 4.917 | 122.1E6 | 57976578 | 478.893 | 415.262 |
| 6) | L1 AR-1016-4 | 4.938 | 4.959 | 97206148 | 46591285 | 445.761m | 399.243 |
| 7) | L1 AR-1016-5 | 5.195 | 5.171 | 100.3E6 | 61173532 | 452.374 | 429.198 |
| 31) | L7 AR-1260-1 | 6.231 | 6.198 | 217.4E6 | 108.5E6 | 487.476 | 425.259 |
| 32) | L7 AR-1260-2 | 6.421 | 6.387 | 325.2E6 | 140.8E6 | 473.604 | 407.300 |
| 33) | L7 AR-1260-3 | 6.786 | 6.537 | 243.1E6 | 116.2E6 | 393.726 | 390.684 |
| 34) | L7 AR-1260-4 | 7.045 | 7.006 | 176.1E6 | 71922282 | 393.277 | 347.032 |
| 35) | L7 AR-1260-5 | 7.288 | 7.249 | 511.4E6 | 161.3E6 | 422.438 | 344.355 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:33
Operator : YP/AJ
Sample : PB169547BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

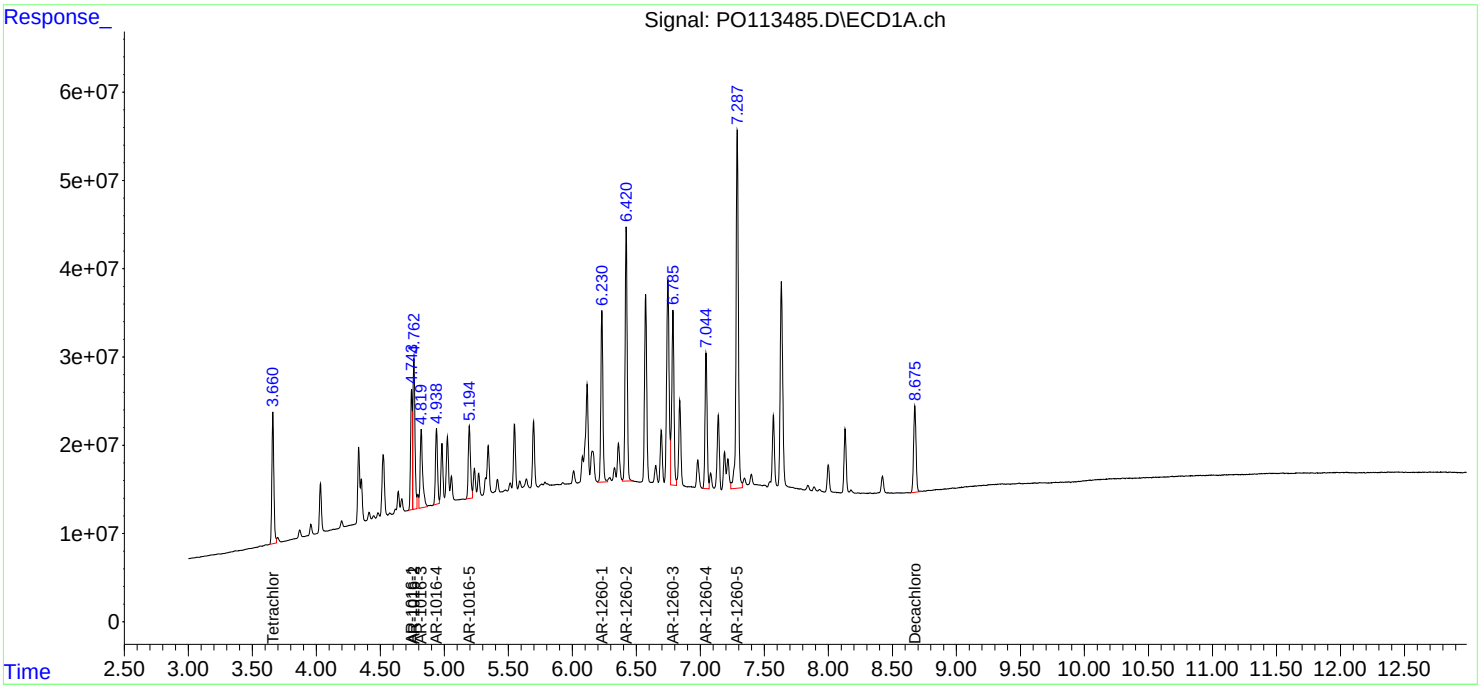
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 2025
Response via : Initial Calibration
Integrator: ChemStation

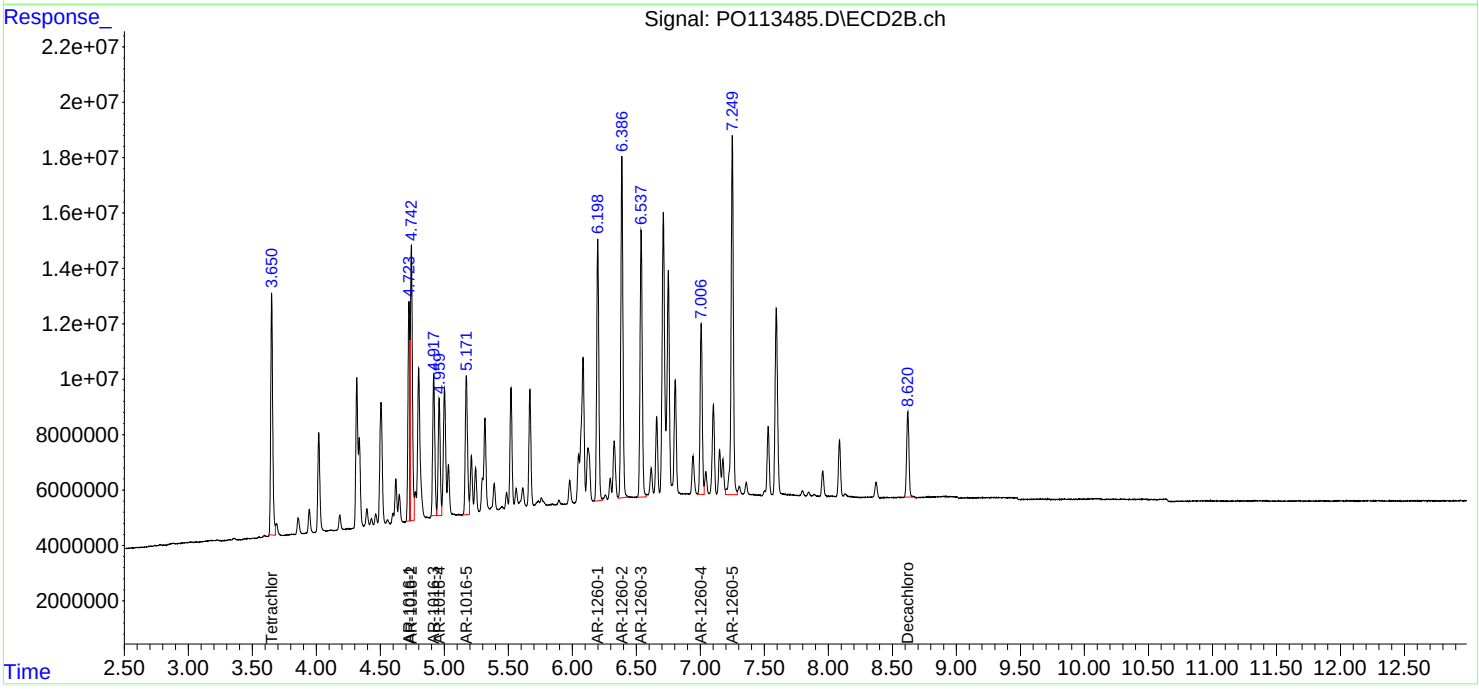
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

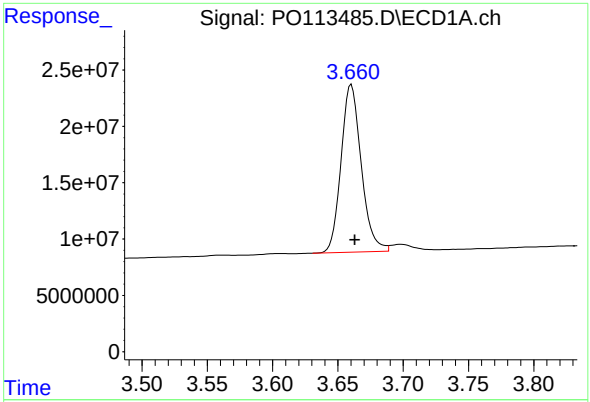
**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025





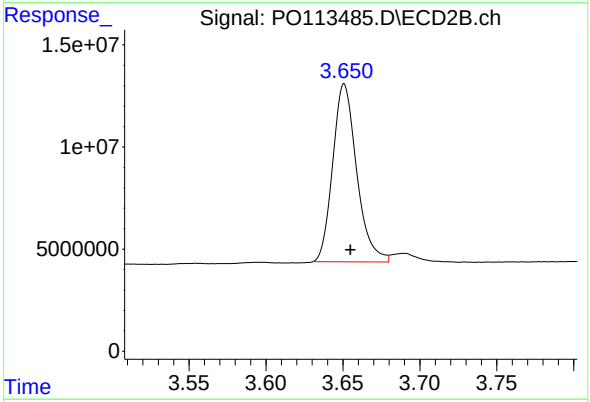

#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 160021011
Conc: 19.55 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD

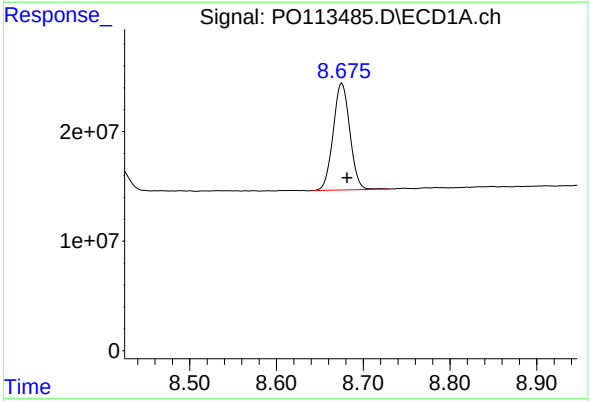
**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



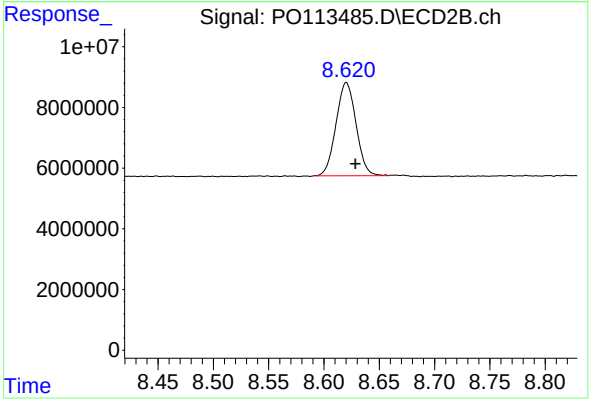

#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: -0.004 min
Response: 94042684
Conc: 18.58 ng/ml



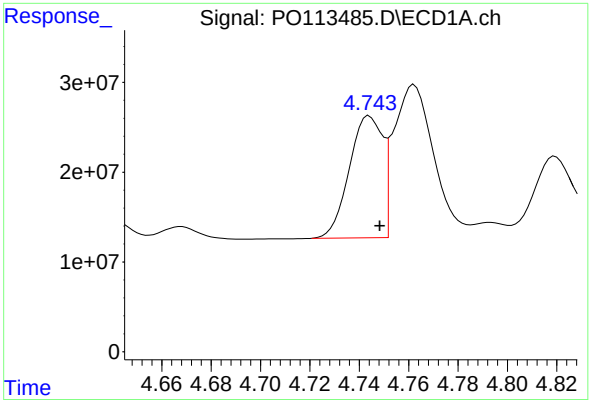

#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.006 min
Response: 130410487
Conc: 18.81 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 38829789
Conc: 20.49 ng/ml



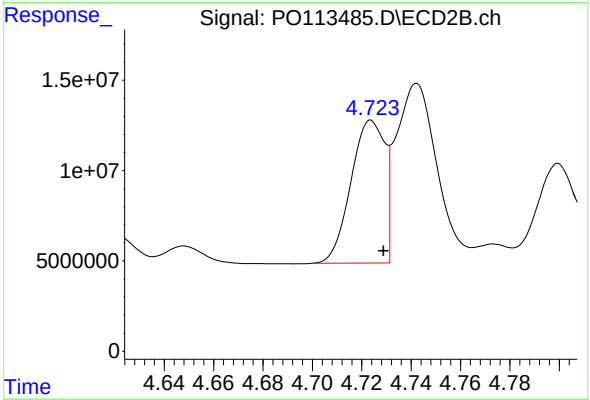

#3 AR-1016-1

R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 127406080
Conc: 477.20 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD

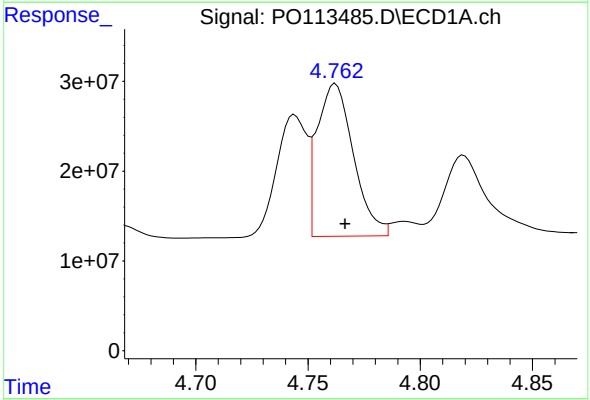
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



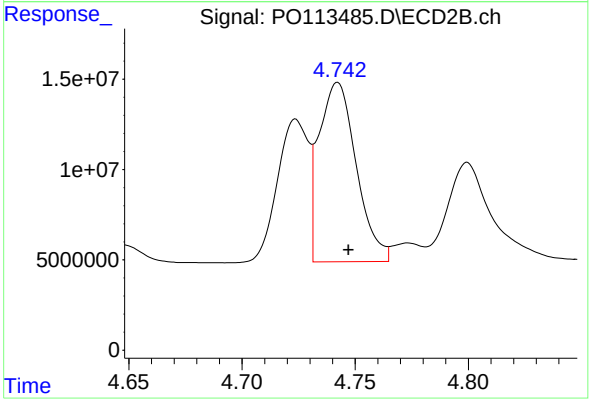

#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 75153410
Conc: 440.59 ng/ml



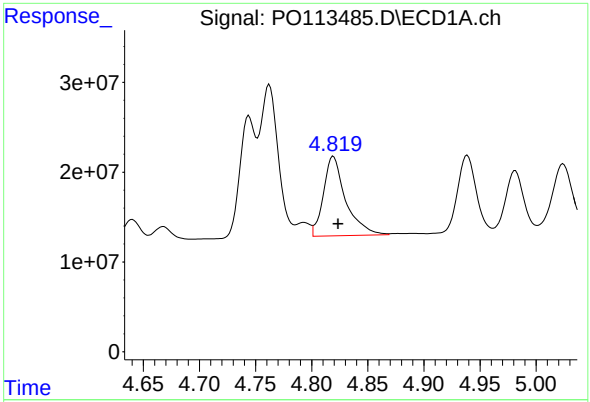

#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 191714806
Conc: 477.58 ng/ml




#4 AR-1016-2

R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 114148188
Conc: 443.03 ng/ml




#5 AR-1016-3

R.T.: 4.819 min
Delta R.T.: -0.004 min
Response: 122128472
Conc: 478.89 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD

**Manual Integrations APPROVED**

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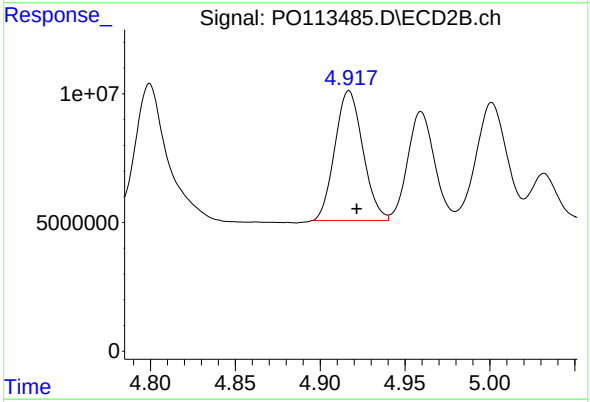
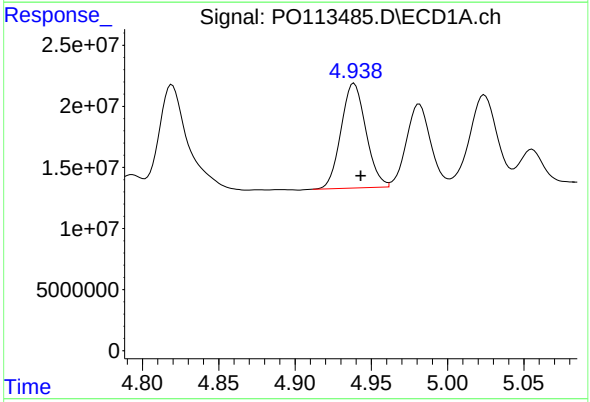
Supervised By :mohammad ahmed 09/08/2025



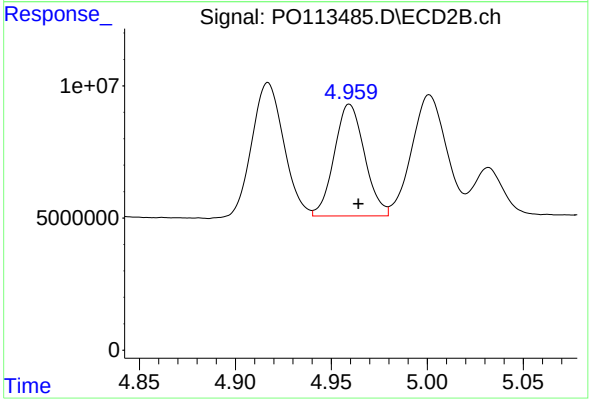

#5 AR-1016-3

R.T.: 4.917 min
Delta R.T.: -0.005 min
Response: 57976578
Conc: 415.26 ng/ml



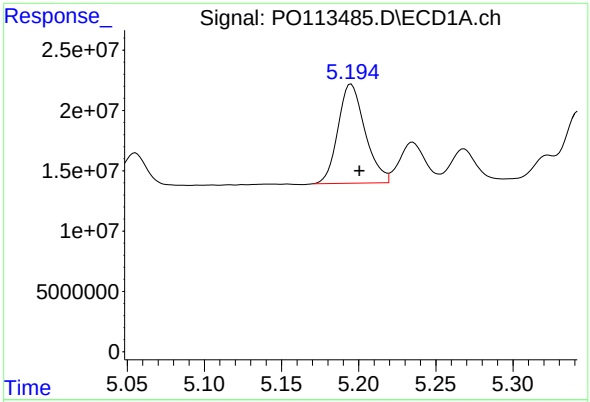

#6 AR-1016-4

R.T.: 4.938 min
Delta R.T.: -0.005 min
Response: 97206148
Conc: 445.76 ng/ml m




#6 AR-1016-4

R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 46591285
Conc: 399.24 ng/ml



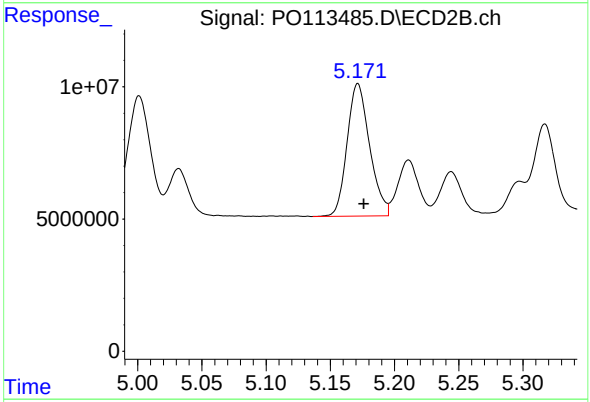

#7 AR-1016-5

R.T.: 5.195 min
Delta R.T.: -0.005 min
Response: 100258709
Conc: 452.37 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD

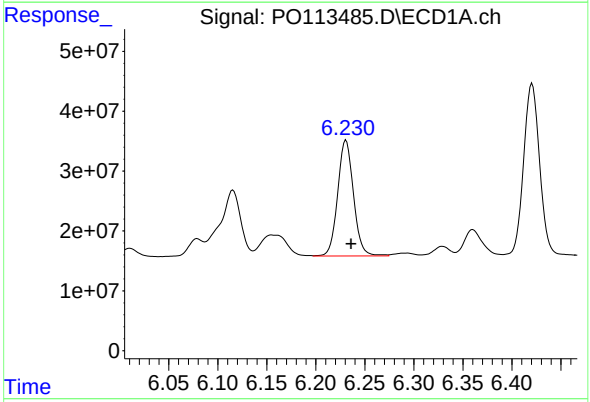
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



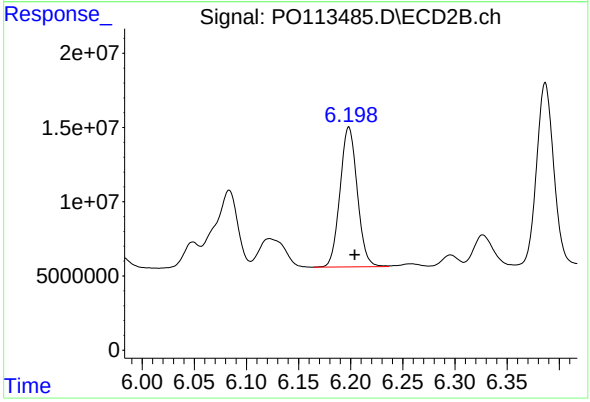

#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 61173532
Conc: 429.20 ng/ml



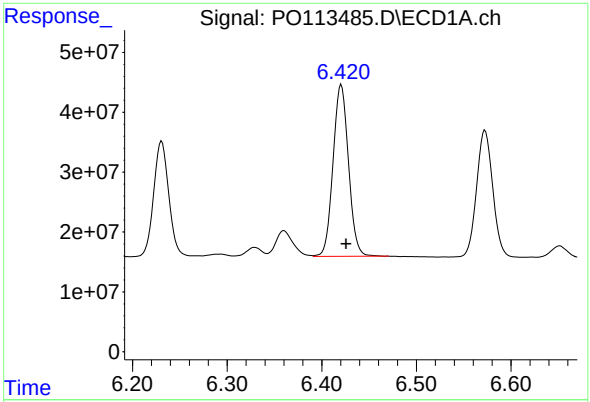

#31 AR-1260-1

R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 217404928
Conc: 487.48 ng/ml




#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 108470388
Conc: 425.26 ng/ml



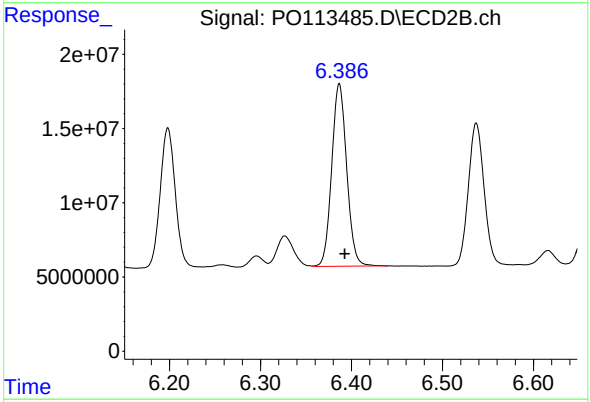

#32 AR-1260-2

R.T.: 6.421 min
Delta R.T.: -0.005 min
Response: 325234017
Conc: 473.60 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD

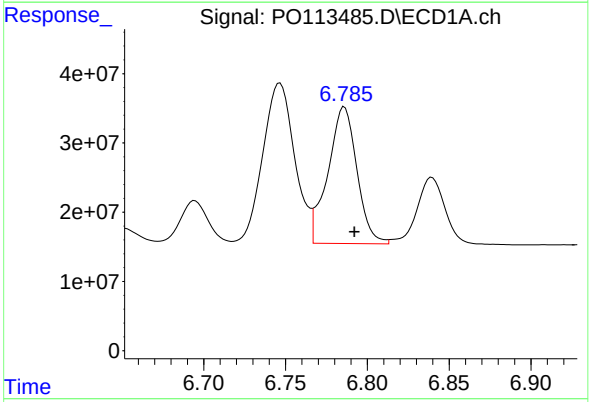
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



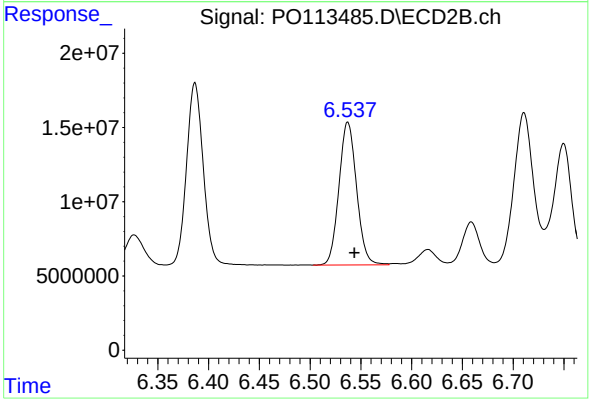

#32 AR-1260-2

R.T.: 6.387 min
Delta R.T.: -0.006 min
Response: 140808447
Conc: 407.30 ng/ml



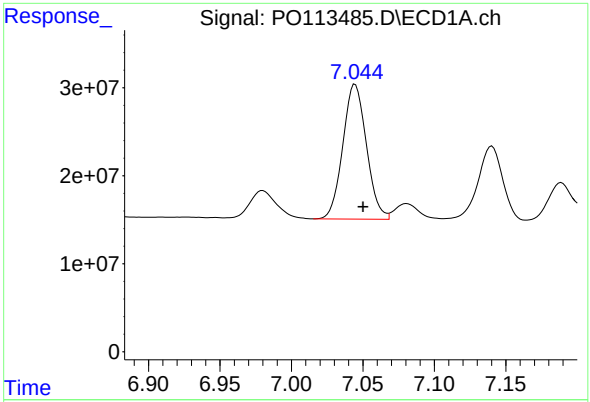

#33 AR-1260-3

R.T.: 6.786 min
Delta R.T.: -0.006 min
Response: 243115289
Conc: 393.73 ng/ml




#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 116202733
Conc: 390.68 ng/ml



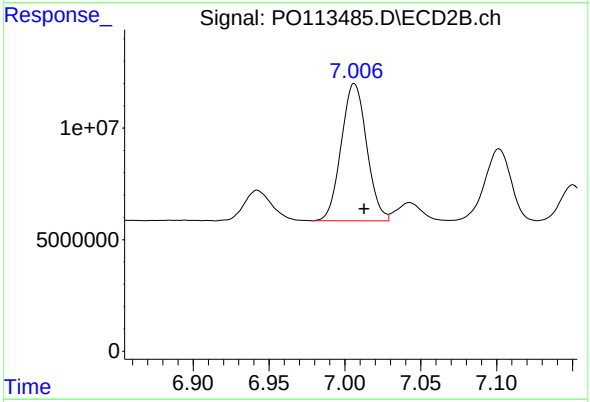

#34 AR-1260-4

R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 176138730
Conc: 393.28 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD

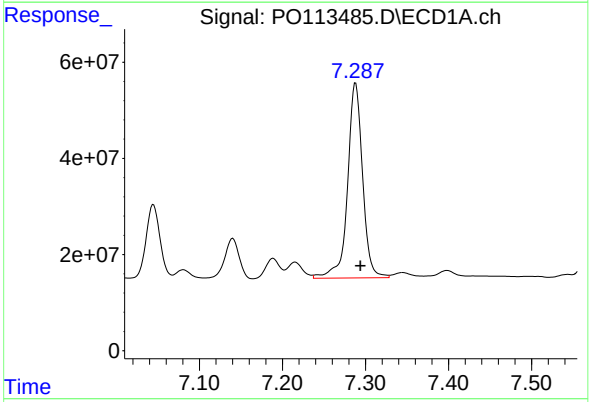
**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



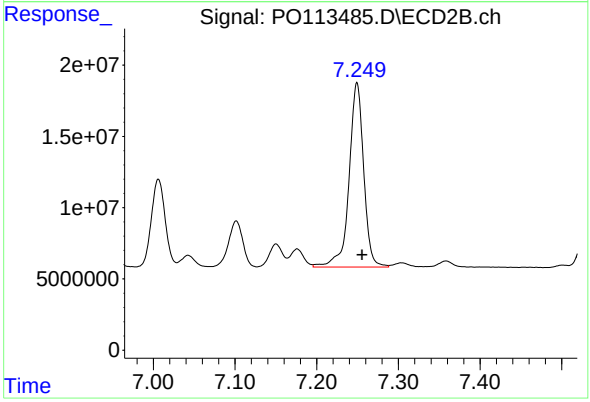

#34 AR-1260-4

R.T.: 7.006 min
Delta R.T.: -0.006 min
Response: 71922282
Conc: 347.03 ng/ml




#35 AR-1260-5

R.T.: 7.288 min
Delta R.T.: -0.006 min
Response: 511439221
Conc: 422.44 ng/ml




#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 161305796
Conc: 344.35 ng/ml

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# Manual Integration Report

| Sequence: | PO081825 | Instrument | ECD_o |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1660ICC050 | PO113007.D | AR-1260-1 | yogesh | 8/19/2025 7:25:57 AM | mohammad | 8/20/2025 3:04:50 | Peak Integrated by Software |
| AR1660ICC050 | PO113007.D | AR-1260-2 | yogesh | 8/19/2025 7:25:57 AM | mohammad | 8/20/2025 3:04:50 | Peak Integrated by Software |
| AR1660ICC050 | PO113007.D | AR-1260-3 #2 | yogesh | 8/19/2025 7:25:57 AM | mohammad | 8/20/2025 3:04:50 | Peak Integrated by Software |
| AR1242ICC050 | PO113014.D | AR-1242-1 | yogesh | 8/19/2025 7:25:59 AM | mohammad | 8/20/2025 3:04:50 | Peak Integrated by Software |
| AR1242ICC050 | PO113014.D | AR-1242-1 #2 | yogesh | 8/19/2025 7:25:59 AM | mohammad | 8/20/2025 3:04:50 | Peak Integrated by Software |
| AR1242ICC050 | PO113014.D | AR-1242-2 | yogesh | 8/19/2025 7:25:59 AM | mohammad | 8/20/2025 3:04:50 | Peak Integrated by Software |
| AR1242ICC050 | PO113014.D | AR-1242-5 | yogesh | 8/19/2025 7:25:59 AM | mohammad | 8/20/2025 3:04:50 | Peak Integrated by Software |
| AR1242ICC050 | PO113014.D | AR-1242-5 #2 | yogesh | 8/19/2025 7:25:59 AM | mohammad | 8/20/2025 3:04:50 | Peak Integrated by Software |
| AR1254ICC050 | PO113024.D | AR-1254-1 #2 | yogesh | 8/19/2025 7:26:00 AM | mohammad | 8/20/2025 3:04:50 | Peak Integrated by Software |
| AR1254ICC050 | PO113024.D | AR-1254-2 #2 | yogesh | 8/19/2025 7:26:00 AM | mohammad | 8/20/2025 3:04:50 | Peak Integrated by Software |
| AR1254ICC050 | PO113024.D | AR-1254-3 #2 | yogesh | 8/19/2025 7:26:00 AM | mohammad | 8/20/2025 3:04:50 | Peak Integrated by Software |
| AR1268ICC050 | PO113030.D | AR-1268-5 #2 | yogesh | 8/19/2025 7:26:02 AM | mohammad | 8/20/2025 3:04:50 | Peak Integrated by Software |
| AR1268ICV500 | PO113035.D | AR-1268-5 #2 | yogesh | 8/19/2025 7:26:03 AM | mohammad | 8/20/2025 3:04:50 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PO081825 | Instrument | ECD_o |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|

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# Manual Integration Report

| Sequence: | po090425 | Instrument | ECD_o |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1660CCC50 0 | PO113449.D | AR-1016-4 | yogesh | 9/5/2025 8:03:34 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1660CCC50 0 | PO113449.D | Tetrachloro-m-xylene #2 | yogesh | 9/5/2025 8:03:34 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1242CCC50 0 | PO113450.D | AR-1242-2 | yogesh | 9/5/2025 8:03:36 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1242CCC50 0 | PO113450.D | AR-1242-4 | yogesh | 9/5/2025 8:03:36 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1242CCC50 0 | PO113450.D | AR-1242-5 | yogesh | 9/5/2025 8:03:36 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1242CCC50 0 | PO113450.D | Tetrachloro-m-xylene | yogesh | 9/5/2025 8:03:36 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1242CCC50 0 | PO113450.D | Tetrachloro-m-xylene #2 | yogesh | 9/5/2025 8:03:36 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1660CCC50 0 | PO113463.D | AR-1016-4 | yogesh | 9/5/2025 8:03:53 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1660CCC50 0 | PO113463.D | Tetrachloro-m-xylene #2 | yogesh | 9/5/2025 8:03:53 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1242CCC50 0 | PO113464.D | AR-1242-4 | yogesh | 9/5/2025 8:03:55 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1254CCC50 0 | PO113466.D | AR-1254-3 | yogesh | 9/5/2025 8:03:57 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| I.BLK | PO113467.D | Tetrachloro-m-xylene #2 | yogesh | 9/5/2025 8:03:59 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1660CCC50 0 | PO113478.D | AR-1016-4 | yogesh | 9/5/2025 8:04:16 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | po090425 | Instrument | ECD_o |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1242CCC500 | PO113479.D | AR-1242-4 | yogesh | 9/5/2025 8:04:20 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| PB169547BS | PO113484.D | AR-1016-4 | yogesh | 9/5/2025 8:04:21 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| PB169547BSD | PO113485.D | AR-1016-4 | yogesh | 9/5/2025 8:04:23 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1660CCC500 | PO113488.D | AR-1016-4 | yogesh | 9/5/2025 8:04:25 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1660CCC500 | PO113488.D | AR-1016-5 | yogesh | 9/5/2025 8:04:25 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1660CCC500 | PO113488.D | AR-1260-1 | yogesh | 9/5/2025 8:04:25 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1242CCC500 | PO113489.D | AR-1242-3 #2 | yogesh | 9/5/2025 8:04:27 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1242CCC500 | PO113489.D | AR-1242-4 | yogesh | 9/5/2025 8:04:27 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1242CCC500 | PO113489.D | Tetrachloro-m-xylene | yogesh | 9/5/2025 8:04:27 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |
| AR1248CCC500 | PO113490.D | AR-1248-3 | yogesh | 9/5/2025 8:04:29 AM | mohammad | 9/8/2025 4:38:22 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP081925 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1660ICC050 | PP074495.D | AR-1016-1 | yogesh | 8/20/2025 8:01:00 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1660ICC050 | PP074495.D | AR-1016-2 | yogesh | 8/20/2025 8:01:00 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1660ICC050 | PP074495.D | AR-1016-3 | yogesh | 8/20/2025 8:01:00 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1660ICC050 | PP074495.D | AR-1016-4 | yogesh | 8/20/2025 8:01:00 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1660ICC050 | PP074495.D | AR-1260-3 | yogesh | 8/20/2025 8:01:00 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1660ICC050 | PP074495.D | AR-1260-4 | yogesh | 8/20/2025 8:01:00 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1660ICC050 | PP074495.D | AR-1260-4 #2 | yogesh | 8/20/2025 8:01:00 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1660ICC050 | PP074495.D | AR-1260-5 #2 | yogesh | 8/20/2025 8:01:00 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1232ICC500 | PP074497.D | AR-1232-4 #2 | yogesh | 8/20/2025 8:01:58 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1242ICC1000 | PP074498.D | AR-1242-4 #2 | yogesh | 8/20/2025 8:01:02 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1242ICC750 | PP074499.D | AR-1242-4 #2 | yogesh | 8/20/2025 8:01:03 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1242ICC500 | PP074500.D | AR-1242-4 #2 | yogesh | 8/20/2025 8:01:05 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1242ICC250 | PP074501.D | AR-1242-4 #2 | yogesh | 8/20/2025 8:01:08 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP081925 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1242ICC050 | PP074502.D | AR-1242-1 | yogesh | 8/20/2025 8:01:10 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1242ICC050 | PP074502.D | AR-1242-2 | yogesh | 8/20/2025 8:01:10 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1242ICC050 | PP074502.D | AR-1242-3 | yogesh | 8/20/2025 8:01:10 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1242ICC050 | PP074502.D | AR-1242-4 | yogesh | 8/20/2025 8:01:10 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1242ICC050 | PP074502.D | AR-1242-4 #2 | yogesh | 8/20/2025 8:01:10 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1242ICC050 | PP074502.D | AR-1242-5 | yogesh | 8/20/2025 8:01:10 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1248ICC1000 | PP074503.D | AR-1248-3 #2 | yogesh | 8/20/2025 8:01:12 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1248ICC750 | PP074504.D | AR-1248-3 #2 | yogesh | 8/20/2025 8:01:14 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1248ICC500 | PP074505.D | AR-1248-3 #2 | yogesh | 8/20/2025 8:01:16 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1248ICC250 | PP074506.D | AR-1248-3 #2 | yogesh | 8/20/2025 8:01:18 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1248ICC050 | PP074507.D | AR-1248-2 | yogesh | 8/20/2025 8:01:20 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1248ICC050 | PP074507.D | AR-1248-5 | yogesh | 8/20/2025 8:01:20 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1248ICC050 | PP074507.D | AR-1248-5 #2 | yogesh | 8/20/2025 8:01:20 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP081925 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1254ICC1000 | PP074508.D | AR-1254-1 | yogesh | 8/20/2025 8:01:25 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1254ICC1000 | PP074508.D | AR-1254-5 #2 | yogesh | 8/20/2025 8:01:25 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1254ICC750 | PP074509.D | AR-1254-1 | yogesh | 8/20/2025 8:01:23 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1254ICC750 | PP074509.D | AR-1254-5 #2 | yogesh | 8/20/2025 8:01:23 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1254ICC500 | PP074510.D | AR-1254-1 | yogesh | 8/20/2025 8:01:31 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1254ICC250 | PP074511.D | AR-1254-1 | yogesh | 8/20/2025 8:01:33 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1254ICC050 | PP074512.D | AR-1254-1 | yogesh | 8/20/2025 8:01:34 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1254ICC050 | PP074512.D | AR-1254-3 | yogesh | 8/20/2025 8:01:34 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1268ICC050 | PP074518.D | Tetrachloro-m-xylene #2 | yogesh | 8/20/2025 8:01:36 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1242ICV500 | PP074520.D | AR-1242-4 #2 | yogesh | 8/20/2025 8:01:38 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1242ICV500 | PP074520.D | AR-1242-5 #2 | yogesh | 8/20/2025 8:01:38 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1248ICV500 | PP074521.D | AR-1248-3 #2 | yogesh | 8/20/2025 8:01:40 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |
| AR1254ICV500 | PP074522.D | AR-1254-1 | yogesh | 8/20/2025 8:01:41 AM | mohammad | 8/21/2025 1:31:42 | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | PP081925 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|

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# Manual Integration Report

| Sequence: | pp090525 | Instrument | ECD_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| AR1660CCC500 | PP074886.D | Tetrachloro-m-xylene #2 | yogesh | 9/8/2025 7:42:40 AM | mohammad | 9/8/2025 8:00:30 | Peak Integrated by Software |
| Q3017-02 | PP074893.D | Tetrachloro-m-xylene #2 | yogesh | 9/8/2025 7:42:48 AM | mohammad | 9/8/2025 8:00:30 | Peak Integrated by Software |
| Q3017-03 | PP074894.D | Tetrachloro-m-xylene #2 | yogesh | 9/8/2025 7:42:51 AM | mohammad | 9/8/2025 8:00:30 | Peak Integrated by Software |
| Q3017-04 | PP074895.D | Tetrachloro-m-xylene #2 | yogesh | 9/8/2025 7:42:56 AM | mohammad | 9/8/2025 8:00:30 | Peak Integrated by Software |
| Q3017-05 | PP074896.D | Tetrachloro-m-xylene #2 | yogesh | 9/8/2025 7:42:58 AM | mohammad | 9/8/2025 8:00:30 | Peak Integrated by Software |
| AR1660CCC500 | PP074897.D | Tetrachloro-m-xylene #2 | yogesh | 9/8/2025 7:43:04 AM | mohammad | 9/8/2025 8:00:30 | Peak Integrated by Software |
| AR1660CCC500 | PP074925.D | Tetrachloro-m-xylene #2 | yogesh | 9/8/2025 7:43:36 AM | mohammad | 9/8/2025 8:00:30 | Peak Integrated by Software |
| AR1660CCC500 | PP074939.D | Tetrachloro-m-xylene #2 | yogesh | 9/8/2025 7:43:59 AM | mohammad | 9/8/2025 8:00:30 | Peak Integrated by Software |

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Fax : 908 789 8922

**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO081825

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 8/18/2025 10:23:59 AM | | |
| Supervise By | mohammad | Supervise On | 8/20/2025 3:04:50 AM | | |
| SubDirectory | PO081825 | HP Acquire Method | | HP Processing Method | PO081825 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP2416,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 | PO113001.D | 18 Aug 2025 09:16 | YP/AJ | Ok |
| 2 | I.BLK | PO113002.D | 18 Aug 2025 09:34 | YP/AJ | Ok |
| 3 | AR1660ICC1000 | PO113003.D | 18 Aug 2025 09:53 | YP/AJ | Ok |
| 4 | AR1660ICC750 | PO113004.D | 18 Aug 2025 10:11 | YP/AJ | Ok |
| 5 | AR1660ICC500 | PO113005.D | 18 Aug 2025 10:29 | YP/AJ | Ok |
| 6 | AR1660ICC250 | PO113006.D | 18 Aug 2025 10:48 | YP/AJ | Ok |
| 7 | AR1660ICC050 | PO113007.D | 18 Aug 2025 11:06 | YP/AJ | Ok,M |
| 8 | AR1221ICC500 | PO113008.D | 18 Aug 2025 11:25 | YP/AJ | Ok |
| 9 | AR1232ICC500 | PO113009.D | 18 Aug 2025 11:43 | YP/AJ | Ok |
| 10 | AR1242ICC1000 | PO113010.D | 18 Aug 2025 12:01 | YP/AJ | Ok |
| 11 | AR1242ICC750 | PO113011.D | 18 Aug 2025 12:20 | YP/AJ | Ok |
| 12 | AR1242ICC500 | PO113012.D | 18 Aug 2025 12:38 | YP/AJ | Ok |
| 13 | AR1242ICC250 | PO113013.D | 18 Aug 2025 12:57 | YP/AJ | Ok |
| 14 | AR1242ICC050 | PO113014.D | 18 Aug 2025 13:15 | YP/AJ | Ok,M |
| 15 | AR1248ICC1000 | PO113015.D | 18 Aug 2025 13:34 | YP/AJ | Ok |
| 16 | AR1248ICC750 | PO113016.D | 18 Aug 2025 13:52 | YP/AJ | Ok |
| 17 | AR1248ICC500 | PO113017.D | 18 Aug 2025 14:09 | YP/AJ | Ok |
| 18 | AR1248ICC250 | PO113018.D | 18 Aug 2025 14:28 | YP/AJ | Ok |
| 19 | AR1248ICC050 | PO113019.D | 18 Aug 2025 14:46 | YP/AJ | Ok |
| 20 | AR1254ICC1000 | PO113020.D | 18 Aug 2025 15:05 | YP/AJ | Ok |
| 21 | AR1254ICC750 | PO113021.D | 18 Aug 2025 15:23 | YP/AJ | Ok |

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**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO081825

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 8/18/2025 10:23:59 AM | | |
| Supervise By | mohammad | Supervise On | 8/20/2025 3:04:50 AM | | |
| SubDirectory | PO081825 | HP Acquire Method | | HP Processing Method | PO081825 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP2416,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 | PO113022.D | 18 Aug 2025 15:41 | YP/AJ | Ok |
| 23 | AR1254ICC250 | PO113023.D | 18 Aug 2025 16:00 | YP/AJ | Ok |
| 24 | AR1254ICC050 | PO113024.D | 18 Aug 2025 16:18 | YP/AJ | Ok,M |
| 25 | AR1262ICC500 | PO113025.D | 18 Aug 2025 16:54 | YP/AJ | Ok |
| 26 | AR1268ICC1000 | PO113026.D | 18 Aug 2025 17:12 | YP/AJ | Ok |
| 27 | AR1268ICC750 | PO113027.D | 18 Aug 2025 17:30 | YP/AJ | Ok |
| 28 | AR1268ICC500 | PO113028.D | 18 Aug 2025 17:48 | YP/AJ | Ok |
| 29 | AR1268ICC250 | PO113029.D | 18 Aug 2025 18:06 | YP/AJ | Ok |
| 30 | AR1268ICC050 | PO113030.D | 18 Aug 2025 18:24 | YP/AJ | Ok,M |
| 31 | PO081825ICV500 | PO113031.D | 18 Aug 2025 18:43 | YP/AJ | Ok |
| 32 | AR1242ICV500 | PO113032.D | 18 Aug 2025 19:37 | YP/AJ | Ok |
| 33 | AR1248ICV500 | PO113033.D | 18 Aug 2025 19:54 | YP/AJ | Ok |
| 34 | AR1254ICV500 | PO113034.D | 18 Aug 2025 20:31 | YP/AJ | Ok |
| 35 | AR1268ICV500 | PO113035.D | 18 Aug 2025 21:07 | YP/AJ | Ok,M |
| 36 | DDT ANALOG | PO113036.D | 18 Aug 2025 21:44 | YP/AJ | Ok |

M : Manual Integration

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**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO090425

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 9/4/2025 10:39:01 AM | | |
| Supervise By | mohammad | Supervise On | 9/8/2025 4:38:22 AM | | |
| SubDirectory | PO090425 | HP Acquire Method | | HP Processing Method | PO081825 |

| 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 | PO113448.D | 04 Sep 2025 08:36 | YP/AJ | Ok |
| 2 | AR1660CCC500 | PO113449.D | 04 Sep 2025 08:54 | YP/AJ | Ok,M |
| 3 | AR1242CCC500 | PO113450.D | 04 Sep 2025 09:14 | YP/AJ | Ok,M |
| 4 | AR1248CCC500 | PO113451.D | 04 Sep 2025 09:31 | YP/AJ | Ok |
| 5 | AR1254CCC500 | PO113452.D | 04 Sep 2025 09:49 | YP/AJ | Ok |
| 6 | I.BLK | PO113453.D | 04 Sep 2025 10:08 | YP/AJ | Ok |
| 7 | PB169532BL | PO113454.D | 04 Sep 2025 10:26 | YP/AJ | Ok |
| 8 | Q2893-01 | PO113455.D | 04 Sep 2025 10:45 | YP/AJ | Ok,M |
| 9 | Q2893-01 | PO113456.D | 04 Sep 2025 11:03 | YP/AJ | Ok,M |
| 10 | Q2893-01 | PO113457.D | 04 Sep 2025 11:21 | YP/AJ | Ok,M |
| 11 | Q2893-01 | PO113458.D | 04 Sep 2025 11:40 | YP/AJ | Ok,M |
| 12 | Q2893-01 | PO113459.D | 04 Sep 2025 11:58 | YP/AJ | Ok,M |
| 13 | Q2893-01 | PO113460.D | 04 Sep 2025 12:16 | YP/AJ | Ok,M |
| 14 | Q2893-01 | PO113461.D | 04 Sep 2025 12:34 | YP/AJ | Ok |
| 15 | Q2893-01 | PO113462.D | 04 Sep 2025 12:53 | YP/AJ | Ok,M |
| 16 | AR1660CCC500 | PO113463.D | 04 Sep 2025 13:30 | YP/AJ | Ok,M |
| 17 | AR1242CCC500 | PO113464.D | 04 Sep 2025 13:48 | YP/AJ | Ok,M |
| 18 | AR1248CCC500 | PO113465.D | 04 Sep 2025 14:07 | YP/AJ | Ok |
| 19 | AR1254CCC500 | PO113466.D | 04 Sep 2025 14:24 | YP/AJ | Ok,M |
| 20 | I.BLK | PO113467.D | 04 Sep 2025 14:42 | YP/AJ | Ok,M |
| 21 | PB169546BL | PO113468.D | 04 Sep 2025 15:00 | YP/AJ | Ok |

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**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO090425

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 9/4/2025 10:39:01 AM | | |
| Supervise By | mohammad | Supervise On | 9/8/2025 4:38:22 AM | | |
| SubDirectory | PO090425 | HP Acquire Method | | HP Processing Method | PO081825 |

| 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 | PB169546BS | PO113469.D | 04 Sep 2025 15:17 | YP/AJ | Ok,M |
| 23 | Q3003-01 | PO113470.D | 04 Sep 2025 15:36 | YP/AJ | Not Ok |
| 24 | Q3003-01MS | PO113471.D | 04 Sep 2025 15:53 | YP/AJ | Not Ok |
| 25 | Q3003-01MSD | PO113472.D | 04 Sep 2025 16:11 | YP/AJ | Not Ok |
| 26 | Q3004-02 | PO113473.D | 04 Sep 2025 16:28 | YP/AJ | Ok,M |
| 27 | Q3009-01 | PO113474.D | 04 Sep 2025 16:45 | YP/AJ | Ok,M |
| 28 | Q3004-04 | PO113475.D | 04 Sep 2025 17:03 | YP/AJ | ReRun |
| 29 | Q3017-02 | PO113476.D | 04 Sep 2025 17:21 | YP/AJ | ReRun |
| 30 | Q3017-03 | PO113477.D | 04 Sep 2025 17:39 | YP/AJ | ReRun |
| 31 | AR1660CCC500 | PO113478.D | 04 Sep 2025 18:49 | YP/AJ | Ok,M |
| 32 | AR1242CCC500 | PO113479.D | 04 Sep 2025 19:44 | YP/AJ | Ok,M |
| 33 | AR1248CCC500 | PO113480.D | 04 Sep 2025 20:03 | YP/AJ | Ok |
| 34 | AR1254CCC500 | PO113481.D | 04 Sep 2025 20:20 | YP/AJ | Ok |
| 35 | I.BLK | PO113482.D | 04 Sep 2025 20:39 | YP/AJ | Ok |
| 36 | PB169547BL | PO113483.D | 04 Sep 2025 20:56 | YP/AJ | Ok |
| 37 | PB169547BS | PO113484.D | 04 Sep 2025 21:15 | YP/AJ | Ok,M |
| 38 | PB169547BSD | PO113485.D | 04 Sep 2025 21:33 | YP/AJ | Ok,M |
| 39 | Q3017-04 | PO113486.D | 04 Sep 2025 21:50 | YP/AJ | ReRun |
| 40 | Q3017-05 | PO113487.D | 04 Sep 2025 22:09 | YP/AJ | ReRun |
| 41 | AR1660CCC500 | PO113488.D | 04 Sep 2025 23:23 | YP/AJ | Ok,M |
| 42 | AR1242CCC500 | PO113489.D | 05 Sep 2025 00:18 | YP/AJ | Ok,M |
| 43 | AR1248CCC500 | PO113490.D | 05 Sep 2025 00:36 | YP/AJ | Ok,M |
| 44 | AR1254CCC500 | PO113491.D | 05 Sep 2025 00:54 | YP/AJ | Ok |

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**Instrument ID: ECD_O**

## Daily Analysis Runlog For Sequence/QCBatch ID # PO090425

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 9/4/2025 10:39:01 AM | | |
| Supervise By | mohammad | Supervise On | 9/8/2025 4:38:22 AM | | |
| SubDirectory | PO090425 | HP Acquire Method | | HP Processing Method | PO081825 |

| 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 | |

| | | | | | |
|---|---|---|---|---|---|
| 45 | I.BLK | PO113492.D | 05 Sep 2025 01:12 | YP/AJ | Ok |

M : Manual Integration

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP081925

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 8/19/2025 10:38:23 AM | | |
| Supervise By | mohammad | Supervise On | 8/21/2025 1:31:42 AM | | |
| SubDirectory | PP081925 | HP Acquire Method | | HP Processing Method | PP081925 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP2416,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 | PP074489.D | 19 Aug 2025 09:30 | YP\AJ | Ok |
| 2 | I.BLK | PP074490.D | 19 Aug 2025 09:46 | YP\AJ | Ok |
| 3 | AR1660ICC1000 | PP074491.D | 19 Aug 2025 10:02 | YP\AJ | Ok |
| 4 | AR1660ICC750 | PP074492.D | 19 Aug 2025 10:18 | YP\AJ | Ok |
| 5 | AR1660ICC500 | PP074493.D | 19 Aug 2025 10:34 | YP\AJ | Ok |
| 6 | AR1660ICC250 | PP074494.D | 19 Aug 2025 10:51 | YP\AJ | Ok |
| 7 | AR1660ICC050 | PP074495.D | 19 Aug 2025 11:07 | YP\AJ | Ok,M |
| 8 | AR1221ICC500 | PP074496.D | 19 Aug 2025 11:23 | YP\AJ | Ok |
| 9 | AR1232ICC500 | PP074497.D | 19 Aug 2025 11:39 | YP\AJ | Ok,M |
| 10 | AR1242ICC1000 | PP074498.D | 19 Aug 2025 11:55 | YP\AJ | Ok,M |
| 11 | AR1242ICC750 | PP074499.D | 19 Aug 2025 12:12 | YP\AJ | Ok,M |
| 12 | AR1242ICC500 | PP074500.D | 19 Aug 2025 12:28 | YP\AJ | Ok,M |
| 13 | AR1242ICC250 | PP074501.D | 19 Aug 2025 12:44 | YP\AJ | Ok,M |
| 14 | AR1242ICC050 | PP074502.D | 19 Aug 2025 13:00 | YP\AJ | Ok,M |
| 15 | AR1248ICC1000 | PP074503.D | 19 Aug 2025 13:16 | YP\AJ | Ok,M |
| 16 | AR1248ICC750 | PP074504.D | 19 Aug 2025 13:33 | YP\AJ | Ok,M |
| 17 | AR1248ICC500 | PP074505.D | 19 Aug 2025 13:49 | YP\AJ | Ok,M |
| 18 | AR1248ICC250 | PP074506.D | 19 Aug 2025 14:05 | YP\AJ | Ok,M |
| 19 | AR1248ICC050 | PP074507.D | 19 Aug 2025 14:21 | YP\AJ | Ok,M |
| 20 | AR1254ICC1000 | PP074508.D | 19 Aug 2025 14:37 | YP\AJ | Ok,M |
| 21 | AR1254ICC750 | PP074509.D | 19 Aug 2025 14:53 | YP\AJ | Ok,M |

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP081925

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 8/19/2025 10:38:23 AM | | |
| Supervise By | mohammad | Supervise On | 8/21/2025 1:31:42 AM | | |
| SubDirectory | PP081925 | HP Acquire Method | | HP Processing Method | PP081925 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP2416,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 | PP074510.D | 19 Aug 2025 15:10 | YP\AJ | Ok,M |
| 23 | AR1254ICC250 | PP074511.D | 19 Aug 2025 15:42 | YP\AJ | Ok,M |
| 24 | AR1254ICC050 | PP074512.D | 19 Aug 2025 15:58 | YP\AJ | Ok,M |
| 25 | AR1262ICC500 | PP074513.D | 19 Aug 2025 16:14 | YP\AJ | Ok |
| 26 | AR1268ICC1000 | PP074514.D | 19 Aug 2025 16:31 | YP\AJ | Ok |
| 27 | AR1268ICC750 | PP074515.D | 19 Aug 2025 16:47 | YP\AJ | Ok |
| 28 | AR1268ICC500 | PP074516.D | 19 Aug 2025 17:03 | YP\AJ | Ok |
| 29 | AR1268ICC250 | PP074517.D | 19 Aug 2025 17:19 | YP\AJ | Ok |
| 30 | AR1268ICC050 | PP074518.D | 19 Aug 2025 17:36 | YP\AJ | Ok,M |
| 31 | PP081925ICV500 | PP074519.D | 19 Aug 2025 17:52 | YP\AJ | Ok |
| 32 | AR1242ICV500 | PP074520.D | 19 Aug 2025 19:13 | YP\AJ | Ok,M |
| 33 | AR1248ICV500 | PP074521.D | 19 Aug 2025 19:29 | YP\AJ | Ok,M |
| 34 | AR1254ICV500 | PP074522.D | 19 Aug 2025 20:18 | YP\AJ | Ok,M |
| 35 | AR1268ICV500 | PP074523.D | 19 Aug 2025 21:07 | YP\AJ | Ok |
| 36 | DDT ANALOG | PP074524.D | 19 Aug 2025 21:55 | YP\AJ | Ok |

M : Manual Integration

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP090525

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 9/5/2025 11:08:21 AM | | |
| Supervise By | mohammad | Supervise On | 9/8/2025 8:00:30 AM | | |
| SubDirectory | PP090525 | HP Acquire Method | | HP Processing Method | PP081925 |

| 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 | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| 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 | PP074885.D | 05 Sep 2025 08:24 | YP\AJ | Ok |
| 2 | AR1660CCC500 | PP074886.D | 05 Sep 2025 08:40 | YP\AJ | Ok,M |
| 3 | I.BLK | PP074887.D | 05 Sep 2025 09:09 | YP\AJ | Ok |
| 4 | PB169547BL | PP074888.D | 05 Sep 2025 09:25 | YP\AJ | Not Ok |
| 5 | Q2893-01 | PP074889.D | 05 Sep 2025 10:19 | YP\AJ | Ok,M |
| 6 | Q2893-01 | PP074890.D | 05 Sep 2025 10:35 | YP\AJ | Not Ok |
| 7 | Q2893-07 | PP074891.D | 05 Sep 2025 10:57 | YP\AJ | Ok,M |
| 8 | Q2893-07 | PP074892.D | 05 Sep 2025 11:14 | YP\AJ | Not Ok |
| 9 | Q3017-02 | PP074893.D | 05 Sep 2025 11:30 | YP\AJ | Ok,M |
| 10 | Q3017-03 | PP074894.D | 05 Sep 2025 11:46 | YP\AJ | Ok,M |
| 11 | Q3017-04 | PP074895.D | 05 Sep 2025 12:02 | YP\AJ | Ok,M |
| 12 | Q3017-05 | PP074896.D | 05 Sep 2025 12:19 | YP\AJ | Ok,M |
| 13 | AR1660CCC500 | PP074897.D | 05 Sep 2025 12:51 | YP\AJ | Ok,M |
| 14 | I.BLK | PP074898.D | 05 Sep 2025 13:07 | YP\AJ | Ok |
| 15 | PB169548BL | PP074899.D | 05 Sep 2025 13:24 | YP\AJ | Ok |
| 16 | Q2893-03 | PP074900.D | 05 Sep 2025 13:40 | YP\AJ | Ok,M |
| 17 | Q2893-03 | PP074901.D | 05 Sep 2025 13:56 | YP\AJ | Ok,M |
| 18 | Q2893-03 | PP074902.D | 05 Sep 2025 14:13 | YP\AJ | Ok,M |
| 19 | Q2893-03 | PP074903.D | 05 Sep 2025 14:29 | YP\AJ | Ok,M |
| 20 | Q2893-03 | PP074904.D | 05 Sep 2025 14:45 | YP\AJ | Not Ok |
| 21 | Q2893-03 | PP074905.D | 05 Sep 2025 15:02 | YP\AJ | Ok |

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Fax : 908 789 8922

**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP090525

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 9/5/2025 11:08:21 AM | | |
| Supervise By | mohammad | Supervise On | 9/8/2025 8:00:30 AM | | |
| SubDirectory | PP090525 | HP Acquire Method | | HP Processing Method | PP081925 |

| 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 | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| 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 | AR1660CCC500 | PP074906.D | 05 Sep 2025 15:51 | YP\AJ | Ok |
| 23 | I.BLK | PP074907.D | 05 Sep 2025 16:07 | YP\AJ | Ok |
| 24 | Q2893-02 | PP074908.D | 05 Sep 2025 16:23 | YP\AJ | Ok,M |
| 25 | Q2893-02 | PP074909.D | 05 Sep 2025 16:40 | YP\AJ | Ok,M |
| 26 | Q2893-02 | PP074910.D | 05 Sep 2025 16:56 | YP\AJ | Ok |
| 27 | Q2893-02 | PP074911.D | 05 Sep 2025 17:12 | YP\AJ | Ok,M |
| 28 | Q2893-02 | PP074912.D | 05 Sep 2025 17:28 | YP\AJ | Ok,M |
| 29 | Q2893-02 | PP074913.D | 05 Sep 2025 17:45 | YP\AJ | Ok,M |
| 30 | Q2893-02 | PP074914.D | 05 Sep 2025 18:01 | YP\AJ | Ok |
| 31 | Q2893-02 | PP074915.D | 05 Sep 2025 18:17 | YP\AJ | Ok |
| 32 | AR1660CCC500 | PP074916.D | 05 Sep 2025 18:50 | YP\AJ | Ok |
| 33 | I.BLK | PP074917.D | 05 Sep 2025 19:39 | YP\AJ | Ok |
| 34 | PB169548BL | PP074918.D | 05 Sep 2025 19:55 | YP\AJ | Ok |
| 35 | Q2893-09 | PP074919.D | 05 Sep 2025 20:12 | YP\AJ | Ok,M |
| 36 | Q2893-09 | PP074920.D | 05 Sep 2025 20:28 | YP\AJ | Ok,M |
| 37 | Q2893-09 | PP074921.D | 05 Sep 2025 20:44 | YP\AJ | Ok,M |
| 38 | Q2893-09 | PP074922.D | 05 Sep 2025 21:00 | YP\AJ | Not Ok |
| 39 | Q2893-09 | PP074923.D | 05 Sep 2025 21:17 | YP\AJ | Ok,M |
| 40 | Q2893-09 | PP074924.D | 05 Sep 2025 21:33 | YP\AJ | Ok,M |
| 41 | AR1660CCC500 | PP074925.D | 05 Sep 2025 22:22 | YP\AJ | Ok,M |
| 42 | I.BLK | PP074926.D | 05 Sep 2025 22:54 | YP\AJ | Ok |
| 43 | Q2893-08 | PP074927.D | 05 Sep 2025 23:11 | YP\AJ | Ok,M |
| 44 | Q2893-08 | PP074928.D | 05 Sep 2025 23:27 | YP\AJ | Ok,M |

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**Instrument ID: ECD_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # PP090525

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 9/5/2025 11:08:21 AM | | |
| Supervise By | mohammad | Supervise On | 9/8/2025 8:00:30 AM | | |
| SubDirectory | PP090525 | HP Acquire Method | | HP Processing Method | PP081925 |

| 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 | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| 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 | Q2893-08 | PP074929.D | 05 Sep 2025 23:43 | YP\AJ | Ok,M |
| 46 | Q2893-08 | PP074930.D | 05 Sep 2025 23:59 | YP\AJ | Ok,M |
| 47 | Q2893-08 | PP074931.D | 06 Sep 2025 00:16 | YP\AJ | Ok,M |
| 48 | Q2893-08 | PP074932.D | 06 Sep 2025 00:32 | YP\AJ | Not Ok |
| 49 | Q2893-08 | PP074933.D | 06 Sep 2025 00:48 | YP\AJ | Not Ok |
| 50 | Q2893-08 | PP074934.D | 06 Sep 2025 01:05 | YP\AJ | Not Ok |
| 51 | AR1660CCC500 | PP074935.D | 06 Sep 2025 01:54 | YP\AJ | Ok |
| 52 | I.BLK | PP074936.D | 06 Sep 2025 02:25 | YP\AJ | Ok |
| 53 | Q2893-03 | PP074937.D | 06 Sep 2025 02:41 | YP\AJ | Not Ok |
| 54 | Q2893-03 | PP074938.D | 06 Sep 2025 02:58 | YP\AJ | Ok,M |
| 55 | AR1660CCC500 | PP074939.D | 06 Sep 2025 03:47 | YP\AJ | Ok,M |
| 56 | I.BLK | PP074940.D | 06 Sep 2025 04:35 | YP\AJ | Ok |

M : Manual Integration

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO081825

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 8/18/2025 10:23:59 AM | | |
| Supervise By | mohammad | Supervise On | 8/20/2025 3:04:50 AM | | |
| SubDirectory | PO081825 | HP Acquire Method | | HP Processing Method | PO081825 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP2416,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 | PO113001.D | 18 Aug 2025 09:16 | | YP/AJ | Ok |
| 2 | I.BLK | I.BLK | PO113002.D | 18 Aug 2025 09:34 | | YP/AJ | Ok |
| 3 | AR1660ICC1000 | AR1660ICC1000 | PO113003.D | 18 Aug 2025 09:53 | | YP/AJ | Ok |
| 4 | AR1660ICC750 | AR1660ICC750 | PO113004.D | 18 Aug 2025 10:11 | | YP/AJ | Ok |
| 5 | AR1660ICC500 | AR1660ICC500 | PO113005.D | 18 Aug 2025 10:29 | | YP/AJ | Ok |
| 6 | AR1660ICC250 | AR1660ICC250 | PO113006.D | 18 Aug 2025 10:48 | | YP/AJ | Ok |
| 7 | AR1660ICC050 | AR1660ICC050 | PO113007.D | 18 Aug 2025 11:06 | | YP/AJ | Ok,M |
| 8 | AR1221ICC500 | AR1221ICC500 | PO113008.D | 18 Aug 2025 11:25 | | YP/AJ | Ok |
| 9 | AR1232ICC500 | AR1232ICC500 | PO113009.D | 18 Aug 2025 11:43 | | YP/AJ | Ok |
| 10 | AR1242ICC1000 | AR1242ICC1000 | PO113010.D | 18 Aug 2025 12:01 | | YP/AJ | Ok |
| 11 | AR1242ICC750 | AR1242ICC750 | PO113011.D | 18 Aug 2025 12:20 | | YP/AJ | Ok |
| 12 | AR1242ICC500 | AR1242ICC500 | PO113012.D | 18 Aug 2025 12:38 | | YP/AJ | Ok |
| 13 | AR1242ICC250 | AR1242ICC250 | PO113013.D | 18 Aug 2025 12:57 | | YP/AJ | Ok |
| 14 | AR1242ICC050 | AR1242ICC050 | PO113014.D | 18 Aug 2025 13:15 | | YP/AJ | Ok,M |
| 15 | AR1248ICC1000 | AR1248ICC1000 | PO113015.D | 18 Aug 2025 13:34 | | YP/AJ | Ok |
| 16 | AR1248ICC750 | AR1248ICC750 | PO113016.D | 18 Aug 2025 13:52 | | YP/AJ | Ok |
| 17 | AR1248ICC500 | AR1248ICC500 | PO113017.D | 18 Aug 2025 14:09 | | YP/AJ | Ok |
| 18 | AR1248ICC250 | AR1248ICC250 | PO113018.D | 18 Aug 2025 14:28 | | YP/AJ | Ok |

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO081825

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 8/18/2025 10:23:59 AM | | |
| Supervise By | mohammad | Supervise On | 8/20/2025 3:04:50 AM | | |
| SubDirectory | PO081825 | HP Acquire Method | | HP Processing Method | PO081825 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP2416,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 | PO113019.D | 18 Aug 2025 14:46 | | YP/AJ | Ok |
| 20 | AR1254ICC1000 | AR1254ICC1000 | PO113020.D | 18 Aug 2025 15:05 | | YP/AJ | Ok |
| 21 | AR1254ICC750 | AR1254ICC750 | PO113021.D | 18 Aug 2025 15:23 | | YP/AJ | Ok |
| 22 | AR1254ICC500 | AR1254ICC500 | PO113022.D | 18 Aug 2025 15:41 | | YP/AJ | Ok |
| 23 | AR1254ICC250 | AR1254ICC250 | PO113023.D | 18 Aug 2025 16:00 | | YP/AJ | Ok |
| 24 | AR1254ICC050 | AR1254ICC050 | PO113024.D | 18 Aug 2025 16:18 | | YP/AJ | Ok,M |
| 25 | AR1262ICC500 | AR1262ICC500 | PO113025.D | 18 Aug 2025 16:54 | | YP/AJ | Ok |
| 26 | AR1268ICC1000 | AR1268ICC1000 | PO113026.D | 18 Aug 2025 17:12 | | YP/AJ | Ok |
| 27 | AR1268ICC750 | AR1268ICC750 | PO113027.D | 18 Aug 2025 17:30 | | YP/AJ | Ok |
| 28 | AR1268ICC500 | AR1268ICC500 | PO113028.D | 18 Aug 2025 17:48 | | YP/AJ | Ok |
| 29 | AR1268ICC250 | AR1268ICC250 | PO113029.D | 18 Aug 2025 18:06 | | YP/AJ | Ok |
| 30 | AR1268ICC050 | AR1268ICC050 | PO113030.D | 18 Aug 2025 18:24 | | YP/AJ | Ok,M |
| 31 | PO081825ICV500 | ICVPO081825 | PO113031.D | 18 Aug 2025 18:43 | | YP/AJ | Ok |
| 32 | AR1242ICV500 | ICVPO081825AR1242 | PO113032.D | 18 Aug 2025 19:37 | | YP/AJ | Ok |
| 33 | AR1248ICV500 | ICVPO081825AR1248 | PO113033.D | 18 Aug 2025 19:54 | | YP/AJ | Ok |
| 34 | AR1254ICV500 | ICVPO081825AR1254 | PO113034.D | 18 Aug 2025 20:31 | | YP/AJ | Ok |
| 35 | AR1268ICV500 | ICVPO081825AR1268 | PO113035.D | 18 Aug 2025 21:07 | | YP/AJ | Ok,M |
| 36 | DDT ANALOG | DDT ANALOG | PO113036.D | 18 Aug 2025 21:44 | | YP/AJ | Ok |

M : Manual Integration

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**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO090425

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 9/4/2025 10:39:01 AM | | |
| Supervise By | mohammad | Supervise On | 9/8/2025 4:38:22 AM | | |
| SubDirectory | PO090425 | HP Acquire Method | | HP Processing Method | PO081825 |

| 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 | PO113448.D | 04 Sep 2025 08:36 | | YP/AJ | Ok |
| 2 | AR1660CCC500 | AR1660CCC500 | PO113449.D | 04 Sep 2025 08:54 | | YP/AJ | Ok,M |
| 3 | AR1242CCC500 | AR1242CCC500 | PO113450.D | 04 Sep 2025 09:14 | TCMX high in 1st column | YP/AJ | Ok,M |
| 4 | AR1248CCC500 | AR1248CCC500 | PO113451.D | 04 Sep 2025 09:31 | TCMX high in 1st column | YP/AJ | Ok |
| 5 | AR1254CCC500 | AR1254CCC500 | PO113452.D | 04 Sep 2025 09:49 | | YP/AJ | Ok |
| 6 | I.BLK | I.BLK | PO113453.D | 04 Sep 2025 10:08 | | YP/AJ | Ok |
| 7 | PB169532BL | PB169532BL | PO113454.D | 04 Sep 2025 10:26 | | YP/AJ | Ok |
| 8 | Q2893-01 | LOD-MDL-SOIL-01-QT | PO113455.D | 04 Sep 2025 10:45 | AR1660 SOIL LOD 25PPB | YP/AJ | Ok,M |
| 9 | Q2893-01 | LOD-MDL-SOIL-01-QT | PO113456.D | 04 Sep 2025 11:03 | AR1221 SOIL LOD 25PPB | YP/AJ | Ok,M |
| 10 | Q2893-01 | LOD-MDL-SOIL-01-QT | PO113457.D | 04 Sep 2025 11:21 | AR1232 SOIL LOD 25PPB | YP/AJ | Ok,M |
| 11 | Q2893-01 | LOD-MDL-SOIL-01-QT | PO113458.D | 04 Sep 2025 11:40 | AR1242 SOIL LOD 25PPB | YP/AJ | Ok,M |
| 12 | Q2893-01 | LOD-MDL-SOIL-01-QT | PO113459.D | 04 Sep 2025 11:58 | AR1248 SOIL LOD 25PPB | YP/AJ | Ok,M |
| 13 | Q2893-01 | LOD-MDL-SOIL-01-QT | PO113460.D | 04 Sep 2025 12:16 | AR1254 SOIL LOD 25PPB | YP/AJ | Ok,M |
| 14 | Q2893-01 | LOD-MDL-SOIL-01-QT | PO113461.D | 04 Sep 2025 12:34 | AR1262 SOIL LOD 25PPB | YP/AJ | Ok |
| 15 | Q2893-01 | LOD-MDL-SOIL-01-QT | PO113462.D | 04 Sep 2025 12:53 | AR1268 SOIL LOD 25PPB | YP/AJ | Ok,M |
| 16 | AR1660CCC500 | AR1660CCC500 | PO113463.D | 04 Sep 2025 13:30 | | YP/AJ | Ok,M |
| 17 | AR1242CCC500 | AR1242CCC500 | PO113464.D | 04 Sep 2025 13:48 | | YP/AJ | Ok,M |
| 18 | AR1248CCC500 | AR1248CCC500 | PO113465.D | 04 Sep 2025 14:07 | | YP/AJ | Ok |

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Fax : 908 789 8922

**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO090425

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 9/4/2025 10:39:01 AM | | |
| Supervise By | mohammad | Supervise On | 9/8/2025 4:38:22 AM | | |
| SubDirectory | PO090425 | HP Acquire Method | | HP Processing Method | PO081825 |

| 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 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | AR1254CCC500 | AR1254CCC500 | PO113466.D | 04 Sep 2025 14:24 | | YP/AJ | Ok,M |
| 20 | I.BLK | I.BLK | PO113467.D | 04 Sep 2025 14:42 | | YP/AJ | Ok,M |
| 21 | PB169546BL | PB169546BL | PO113468.D | 04 Sep 2025 15:00 | | YP/AJ | Ok |
| 22 | PB169546BS | PB169546BS | PO113469.D | 04 Sep 2025 15:17 | | YP/AJ | Ok,M |
| 23 | Q3003-01 | VNJ-231 | PO113470.D | 04 Sep 2025 15:36 | | YP/AJ | Not Ok |
| 24 | Q3003-01MS | VNJ-231MS | PO113471.D | 04 Sep 2025 15:53 | AR1016 recovery fail | YP/AJ | Not Ok |
| 25 | Q3003-01MSD | VNJ-231MSD | PO113472.D | 04 Sep 2025 16:11 | AR1016,1260 recovery fail , RPD Fail, Bad chromatogram | YP/AJ | Not Ok |
| 26 | Q3004-02 | Drum Speedy Dry/RAG | PO113473.D | 04 Sep 2025 16:28 | | YP/AJ | Ok,M |
| 27 | Q3009-01 | TR-04-090325 | PO113474.D | 04 Sep 2025 16:45 | | YP/AJ | Ok,M |
| 28 | Q3004-04 | DRUM-OILY-WATER | PO113475.D | 04 Sep 2025 17:03 | TCMX low in both column | YP/AJ | ReRun |
| 29 | Q3017-02 | TT-076-IDWGW-20250 | PO113476.D | 04 Sep 2025 17:21 | DCB Low in both column | YP/AJ | ReRun |
| 30 | Q3017-03 | TT-077-IDWGW-20250 | PO113477.D | 04 Sep 2025 17:39 | DCB Low in both column | YP/AJ | ReRun |
| 31 | AR1660CCC500 | AR1660CCC500 | PO113478.D | 04 Sep 2025 18:49 | | YP/AJ | Ok,M |
| 32 | AR1242CCC500 | AR1242CCC500 | PO113479.D | 04 Sep 2025 19:44 | | YP/AJ | Ok,M |
| 33 | AR1248CCC500 | AR1248CCC500 | PO113480.D | 04 Sep 2025 20:03 | TCMX high in 1st column | YP/AJ | Ok |
| 34 | AR1254CCC500 | AR1254CCC500 | PO113481.D | 04 Sep 2025 20:20 | | YP/AJ | Ok |
| 35 | I.BLK | I.BLK | PO113482.D | 04 Sep 2025 20:39 | | YP/AJ | Ok |
| 36 | PB169547BL | PB169547BL | PO113483.D | 04 Sep 2025 20:56 | | YP/AJ | Ok |
| 37 | PB169547BS | PB169547BS | PO113484.D | 04 Sep 2025 21:15 | | YP/AJ | Ok,M |

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Fax : 908 789 8922

**Instrument ID:** ECD_O

## Daily Analysis Runlog For Sequence/QCBatch ID # PO090425

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 9/4/2025 10:39:01 AM | | |
| Supervise By | mohammad | Supervise On | 9/8/2025 4:38:22 AM | | |
| SubDirectory | PO090425 | HP Acquire Method | | HP Processing Method | PO081825 |

| 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 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 38 | PB169547BSD | PB169547BSD | PO113485.D | 04 Sep 2025 21:33 | | YP/AJ | Ok,M |
| 39 | Q3017-04 | TT-078-IDWGW-20250 | PO113486.D | 04 Sep 2025 21:50 | DCB Low in both column | YP/AJ | ReRun |
| 40 | Q3017-05 | TT-079-IDWGW-20250 | PO113487.D | 04 Sep 2025 22:09 | DCB Low in both column | YP/AJ | ReRun |
| 41 | AR1660CCC500 | AR1660CCC500 | PO113488.D | 04 Sep 2025 23:23 | | YP/AJ | Ok,M |
| 42 | AR1242CCC500 | AR1242CCC500 | PO113489.D | 05 Sep 2025 00:18 | | YP/AJ | Ok,M |
| 43 | AR1248CCC500 | AR1248CCC500 | PO113490.D | 05 Sep 2025 00:36 | TCMX high in 1st column | YP/AJ | Ok,M |
| 44 | AR1254CCC500 | AR1254CCC500 | PO113491.D | 05 Sep 2025 00:54 | | YP/AJ | Ok |
| 45 | I.BLK | I.BLK | PO113492.D | 05 Sep 2025 01:12 | | YP/AJ | Ok |

M : Manual Integration

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

**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP081925

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 8/19/2025 10:38:23 AM | | |
| Supervise By | mohammad | Supervise On | 8/21/2025 1:31:42 AM | | |
| SubDirectory | PP081925 | HP Acquire Method | | HP Processing Method | PP081925 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP2416,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 | PP074489.D | 19 Aug 2025 09:30 | | YP\AJ | Ok |
| 2 | I.BLK | I.BLK | PP074490.D | 19 Aug 2025 09:46 | | YP\AJ | Ok |
| 3 | AR1660ICC1000 | AR1660ICC1000 | PP074491.D | 19 Aug 2025 10:02 | | YP\AJ | Ok |
| 4 | AR1660ICC750 | AR1660ICC750 | PP074492.D | 19 Aug 2025 10:18 | | YP\AJ | Ok |
| 5 | AR1660ICC500 | AR1660ICC500 | PP074493.D | 19 Aug 2025 10:34 | | YP\AJ | Ok |
| 6 | AR1660ICC250 | AR1660ICC250 | PP074494.D | 19 Aug 2025 10:51 | | YP\AJ | Ok |
| 7 | AR1660ICC050 | AR1660ICC050 | PP074495.D | 19 Aug 2025 11:07 | | YP\AJ | Ok,M |
| 8 | AR1221ICC500 | AR1221ICC500 | PP074496.D | 19 Aug 2025 11:23 | | YP\AJ | Ok |
| 9 | AR1232ICC500 | AR1232ICC500 | PP074497.D | 19 Aug 2025 11:39 | | YP\AJ | Ok,M |
| 10 | AR1242ICC1000 | AR1242ICC1000 | PP074498.D | 19 Aug 2025 11:55 | | YP\AJ | Ok,M |
| 11 | AR1242ICC750 | AR1242ICC750 | PP074499.D | 19 Aug 2025 12:12 | | YP\AJ | Ok,M |
| 12 | AR1242ICC500 | AR1242ICC500 | PP074500.D | 19 Aug 2025 12:28 | | YP\AJ | Ok,M |
| 13 | AR1242ICC250 | AR1242ICC250 | PP074501.D | 19 Aug 2025 12:44 | | YP\AJ | Ok,M |
| 14 | AR1242ICC050 | AR1242ICC050 | PP074502.D | 19 Aug 2025 13:00 | | YP\AJ | Ok,M |
| 15 | AR1248ICC1000 | AR1248ICC1000 | PP074503.D | 19 Aug 2025 13:16 | | YP\AJ | Ok,M |
| 16 | AR1248ICC750 | AR1248ICC750 | PP074504.D | 19 Aug 2025 13:33 | | YP\AJ | Ok,M |
| 17 | AR1248ICC500 | AR1248ICC500 | PP074505.D | 19 Aug 2025 13:49 | | YP\AJ | Ok,M |
| 18 | AR1248ICC250 | AR1248ICC250 | PP074506.D | 19 Aug 2025 14:05 | | YP\AJ | Ok,M |

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**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP081925

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 8/19/2025 10:38:23 AM | | |
| Supervise By | mohammad | Supervise On | 8/21/2025 1:31:42 AM | | |
| SubDirectory | PP081925 | HP Acquire Method | | HP Processing Method | PP081925 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | |
| Initial Calibration Stds | PP24815,PP2416,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 | PP074507.D | 19 Aug 2025 14:21 | | YP\AJ | Ok,M |
| 20 | AR1254ICC1000 | AR1254ICC1000 | PP074508.D | 19 Aug 2025 14:37 | | YP\AJ | Ok,M |
| 21 | AR1254ICC750 | AR1254ICC750 | PP074509.D | 19 Aug 2025 14:53 | | YP\AJ | Ok,M |
| 22 | AR1254ICC500 | AR1254ICC500 | PP074510.D | 19 Aug 2025 15:10 | | YP\AJ | Ok,M |
| 23 | AR1254ICC250 | AR1254ICC250 | PP074511.D | 19 Aug 2025 15:42 | | YP\AJ | Ok,M |
| 24 | AR1254ICC050 | AR1254ICC050 | PP074512.D | 19 Aug 2025 15:58 | | YP\AJ | Ok,M |
| 25 | AR1262ICC500 | AR1262ICC500 | PP074513.D | 19 Aug 2025 16:14 | | YP\AJ | Ok |
| 26 | AR1268ICC1000 | AR1268ICC1000 | PP074514.D | 19 Aug 2025 16:31 | | YP\AJ | Ok |
| 27 | AR1268ICC750 | AR1268ICC750 | PP074515.D | 19 Aug 2025 16:47 | | YP\AJ | Ok |
| 28 | AR1268ICC500 | AR1268ICC500 | PP074516.D | 19 Aug 2025 17:03 | | YP\AJ | Ok |
| 29 | AR1268ICC250 | AR1268ICC250 | PP074517.D | 19 Aug 2025 17:19 | | YP\AJ | Ok |
| 30 | AR1268ICC050 | AR1268ICC050 | PP074518.D | 19 Aug 2025 17:36 | | YP\AJ | Ok,M |
| 31 | PP081925ICV500 | ICVPP081925 | PP074519.D | 19 Aug 2025 17:52 | | YP\AJ | Ok |
| 32 | AR1242ICV500 | ICVPP081925AR1242 | PP074520.D | 19 Aug 2025 19:13 | | YP\AJ | Ok,M |
| 33 | AR1248ICV500 | ICVPP081925AR1248 | PP074521.D | 19 Aug 2025 19:29 | | YP\AJ | Ok,M |
| 34 | AR1254ICV500 | ICVPP081925AR1254 | PP074522.D | 19 Aug 2025 20:18 | | YP\AJ | Ok,M |
| 35 | AR1268ICV500 | ICVPP081925AR1268 | PP074523.D | 19 Aug 2025 21:07 | | YP\AJ | Ok |
| 36 | DDT ANALOG | DDT ANALOG | PP074524.D | 19 Aug 2025 21:55 | | YP\AJ | Ok |

M : Manual Integration

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**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP090525

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 9/5/2025 11:08:21 AM | | |
| Supervise By | mohammad | Supervise On | 9/8/2025 8:00:30 AM | | |
| SubDirectory | PP090525 | HP Acquire Method | | HP Processing Method | PP081925 |

| 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 | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| 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 | PP074885.D | 05 Sep 2025 08:24 | | YP\AJ | Ok |
| 2 | AR1660CCC500 | AR1660CCC500 | PP074886.D | 05 Sep 2025 08:40 | | YP\AJ | Ok,M |
| 3 | I.BLK | I.BLK | PP074887.D | 05 Sep 2025 09:09 | | YP\AJ | Ok |
| 4 | PB169547BL | PB169547BL | PP074888.D | 05 Sep 2025 09:25 | Not used | YP\AJ | Not Ok |
| 5 | Q2893-01 | LOD-MDL-SOIL-01-QT | PP074889.D | 05 Sep 2025 10:19 | AR1262 SOIL LOD 25PPB | YP\AJ | Ok,M |
| 6 | Q2893-01 | LOD-MDL-SOIL-01-QT | PP074890.D | 05 Sep 2025 10:35 | AR1268 SOIL LOD 25PPB,2nd column low | YP\AJ | Not Ok |
| 7 | Q2893-07 | LOD-MDL-WATER-01-( | PP074891.D | 05 Sep 2025 10:57 | AR1262 WATER LOD 25PPB | YP\AJ | Ok,M |
| 8 | Q2893-07 | LOD-MDL-WATER-01-( | PP074892.D | 05 Sep 2025 11:14 | 2nd column low , AR1268 WATER LOD 25PPB | YP\AJ | Not Ok |
| 9 | Q3017-02 | TT-076-IDWGW-20250 | PP074893.D | 05 Sep 2025 11:30 | | YP\AJ | Ok,M |
| 10 | Q3017-03 | TT-077-IDWGW-20250 | PP074894.D | 05 Sep 2025 11:46 | | YP\AJ | Ok,M |
| 11 | Q3017-04 | TT-078-IDWGW-20250 | PP074895.D | 05 Sep 2025 12:02 | | YP\AJ | Ok,M |
| 12 | Q3017-05 | TT-079-IDWGW-20250 | PP074896.D | 05 Sep 2025 12:19 | | YP\AJ | Ok,M |
| 13 | AR1660CCC500 | AR1660CCC500 | PP074897.D | 05 Sep 2025 12:51 | | YP\AJ | Ok,M |
| 14 | I.BLK | I.BLK | PP074898.D | 05 Sep 2025 13:07 | | YP\AJ | Ok |
| 15 | PB169548BL | PB169548BL | PP074899.D | 05 Sep 2025 13:24 | | YP\AJ | Ok |
| 16 | Q2893-03 | MDL-SOIL-03-QT3-202 | PP074900.D | 05 Sep 2025 13:40 | AR1660 SOIL MDL 25PPB | YP\AJ | Ok,M |
| 17 | Q2893-03 | MDL-SOIL-03-QT3-202 | PP074901.D | 05 Sep 2025 13:56 | AR1221 SOIL MDL 25PPB | YP\AJ | Ok,M |

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Fax : 908 789 8922

**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP090525

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 9/5/2025 11:08:21 AM | | |
| Supervise By | mohammad | Supervise On | 9/8/2025 8:00:30 AM | | |
| SubDirectory | PP090525 | HP Acquire Method | | HP Processing Method | PP081925 |

| 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 | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| 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 | Q2893-03 | MDL-SOIL-03-QT3-202 | PP074902.D | 05 Sep 2025 14:13 | AR1232 SOIL MDL 25PPB | YP\AJ | Ok,M |
| 19 | Q2893-03 | MDL-SOIL-03-QT3-202 | PP074903.D | 05 Sep 2025 14:29 | AR1242-1,5 high in 1st column , AR1242 SOIL MDL 25PPB | YP\AJ | Ok,M |
| 20 | Q2893-03 | MDL-SOIL-03-QT3-202 | PP074904.D | 05 Sep 2025 14:45 | No hit detected , AR1248 SOIL MDL 25PPB | YP\AJ | Not Ok |
| 21 | Q2893-03 | MDL-SOIL-03-QT3-202 | PP074905.D | 05 Sep 2025 15:02 | AR1254 SOIL MDL 25PPB | YP\AJ | Ok |
| 22 | AR1660CCC500 | AR1660CCC500 | PP074906.D | 05 Sep 2025 15:51 | | YP\AJ | Ok |
| 23 | I.BLK | I.BLK | PP074907.D | 05 Sep 2025 16:07 | | YP\AJ | Ok |
| 24 | Q2893-02 | LOQ-SOIL-02-QT3-202 | PP074908.D | 05 Sep 2025 16:23 | AR1660 SOIL LOQ 50PPB | YP\AJ | Ok,M |
| 25 | Q2893-02 | LOQ-SOIL-02-QT3-202 | PP074909.D | 05 Sep 2025 16:40 | AR1221 SOIL LOQ 50PPB | YP\AJ | Ok,M |
| 26 | Q2893-02 | LOQ-SOIL-02-QT3-202 | PP074910.D | 05 Sep 2025 16:56 | AR1232 SOIL LOQ 50PPB | YP\AJ | Ok |
| 27 | Q2893-02 | LOQ-SOIL-02-QT3-202 | PP074911.D | 05 Sep 2025 17:12 | AR1242 SOIL LOQ 50PPB | YP\AJ | Ok,M |
| 28 | Q2893-02 | LOQ-SOIL-02-QT3-202 | PP074912.D | 05 Sep 2025 17:28 | AR1248 SOIL LOQ 50PPB | YP\AJ | Ok,M |
| 29 | Q2893-02 | LOQ-SOIL-02-QT3-202 | PP074913.D | 05 Sep 2025 17:45 | AR1254 SOIL LOQ 50PPB | YP\AJ | Ok,M |
| 30 | Q2893-02 | LOQ-SOIL-02-QT3-202 | PP074914.D | 05 Sep 2025 18:01 | AR1262 SOIL LOQ 50PPB | YP\AJ | Ok |
| 31 | Q2893-02 | LOQ-SOIL-02-QT3-202 | PP074915.D | 05 Sep 2025 18:17 | DCB high in 1st column , AR1268 SOIL LOQ 50PPB | YP\AJ | Ok |
| 32 | AR1660CCC500 | AR1660CCC500 | PP074916.D | 05 Sep 2025 18:50 | | YP\AJ | Ok |
| 33 | I.BLK | I.BLK | PP074917.D | 05 Sep 2025 19:39 | | YP\AJ | Ok |
| 34 | PB169548BL | PB169548BL | PP074918.D | 05 Sep 2025 19:55 | | YP\AJ | Ok |
| 35 | Q2893-09 | MDL-WATER-03-QT3-2 | PP074919.D | 05 Sep 2025 20:12 | AR1660 WATER MDL 25PPB | YP\AJ | Ok,M |

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Fax : 908 789 8922

**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP090525

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 9/5/2025 11:08:21 AM | | |
| Supervise By | mohammad | Supervise On | 9/8/2025 8:00:30 AM | | |
| SubDirectory | PP090525 | HP Acquire Method | | HP Processing Method | PP081925 |

| 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 | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| 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 | Q2893-09 | MDL-WATER-03-QT3-2 | PP074920.D | 05 Sep 2025 20:28 | AR1221 WATER MDL 25PPB | YP\AJ | Ok,M |
| 37 | Q2893-09 | MDL-WATER-03-QT3-2 | PP074921.D | 05 Sep 2025 20:44 | AR1232 WATER MDL 25PPB | YP\AJ | Ok,M |
| 38 | Q2893-09 | MDL-WATER-03-QT3-2 | PP074922.D | 05 Sep 2025 21:00 | AR1242 WATER MDL 25PPB, failing high | YP\AJ | Not Ok |
| 39 | Q2893-09 | MDL-WATER-03-QT3-2 | PP074923.D | 05 Sep 2025 21:17 | AR1248 WATER MDL 25PPB | YP\AJ | Ok,M |
| 40 | Q2893-09 | MDL-WATER-03-QT3-2 | PP074924.D | 05 Sep 2025 21:33 | AR1254 WATER MDL 25PPB | YP\AJ | Ok,M |
| 41 | AR1660CCC500 | AR1660CCC500 | PP074925.D | 05 Sep 2025 22:22 | | YP\AJ | Ok,M |
| 42 | I.BLK | I.BLK | PP074926.D | 05 Sep 2025 22:54 | | YP\AJ | Ok |
| 43 | Q2893-08 | LOQ-WATER-02-QT3-2 | PP074927.D | 05 Sep 2025 23:11 | AR1660 WATER LOQ 50PPB | YP\AJ | Ok,M |
| 44 | Q2893-08 | LOQ-WATER-02-QT3-2 | PP074928.D | 05 Sep 2025 23:27 | AR1221 WATER LOQ 50PPB | YP\AJ | Ok,M |
| 45 | Q2893-08 | LOQ-WATER-02-QT3-2 | PP074929.D | 05 Sep 2025 23:43 | AR1232 WATER LOQ 50PPB | YP\AJ | Ok,M |
| 46 | Q2893-08 | LOQ-WATER-02-QT3-2 | PP074930.D | 05 Sep 2025 23:59 | AR1242 WATER LOQ 50PPB | YP\AJ | Ok,M |
| 47 | Q2893-08 | LOQ-WATER-02-QT3-2 | PP074931.D | 06 Sep 2025 00:16 | AR1248 WATER LOQ 50PPB | YP\AJ | Ok,M |
| 48 | Q2893-08 | LOQ-WATER-02-QT3-2 | PP074932.D | 06 Sep 2025 00:32 | AR1254 WATER LOQ 50PPB, failing high | YP\AJ | Not Ok |
| 49 | Q2893-08 | LOQ-WATER-02-QT3-2 | PP074933.D | 06 Sep 2025 00:48 | AR1262 WATER LOQ 50PPB, failing high | YP\AJ | Not Ok |
| 50 | Q2893-08 | LOQ-WATER-02-QT3-2 | PP074934.D | 06 Sep 2025 01:05 | AR1268 WATER LOQ 50PPB, failing high | YP\AJ | Not Ok |
| 51 | AR1660CCC500 | AR1660CCC500 | PP074935.D | 06 Sep 2025 01:54 | | YP\AJ | Ok |
| 52 | I.BLK | I.BLK | PP074936.D | 06 Sep 2025 02:25 | | YP\AJ | Ok |
| 53 | Q2893-03 | MDL-SOIL-03-QT3-202 | PP074937.D | 06 Sep 2025 02:41 | AR1242 SOIL MDL 25PPB, failing high | YP\AJ | Not Ok |

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Fax : 908 789 8922

**Instrument ID:** ECD_P

## Daily Analysis Runlog For Sequence/QCBatch ID # PP090525

| | | | | | |
|---|---|---|---|---|---|
| Review By | yogesh | Review On | 9/5/2025 11:08:21 AM | | |
| Supervise By | mohammad | Supervise On | 9/8/2025 8:00:30 AM | | |
| SubDirectory | PP090525 | HP Acquire Method | | HP Processing Method | PP081925 |

| 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 | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |
| 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 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 54 | Q2893-03 | MDL-SOIL-03-QT3-202 | PP074938.D | 06 Sep 2025 02:58 | AR1248 SOIL MDL 25PPB | YP\AJ | Ok,M |
| 55 | AR1660CCC500 | AR1660CCC500 | PP074939.D | 06 Sep 2025 03:47 | | YP\AJ | Ok,M |
| 56 | I.BLK | I.BLK | PP074940.D | 06 Sep 2025 04:35 | | YP\AJ | Ok |

M : Manual Integration

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

PB169547

**SOP ID:** M3510C,3580A-Extraction PCB-15

**Clean Up SOP #:** Acid Cleanup

**Matrix :** Water

**Weigh By:** N/A

**Balance check:** N/A

**Balance ID:** N/A

**pH Strip Lot#:** E3953

**Extraction By:** EH

**Filter By:** RJ

**pH Meter ID:** N/A

**Hood ID:** 4,6,7

**Extraction Start Date :** 09/04/2025

**Extraction Start Time :** 09:33

**Extraction End Date :** 09/04/2025

**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 | PP24799 |
| 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 |
|---|---|---|
| Methylene Chloride | N/A | E3964 |
| Baked Na2SO4 | N/A | EP2636 |
| Hexane | N/A | E3968 |
| 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 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

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

40 ML Vial lot# 03-40BTS721, Q3004-04 used Limited volume as sample is oily. Q3017 All samples added at 11:05 AM.

**KD Bath ID:** WATER BATH-1,2

**KD Bath Temperature:** 60 °C

**Envap ID:** NEVAP-02

**Envap Temperature:** 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 9/4/25 | RS (Ext lab) | Y-P-Pest/PCB. |
| 15:30 | **Preparation Group** | **Analysis Group** |

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

**PrepBatch ID : PB169547**

**Analytical Method:** M3510C,3580A-Extraction PCB-15

**Concentration Date:** 09/04/2025

| Sample ID | Client Sample ID | Test | g / mL | PH | Surr/Spike By: | | Final Vol. (mL) | JarID | Comments | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | AddedBy | VerifiedBy | | | | |
| PB169547BL | ABLK547 | PCB | 1000 | 6 | Evelyn | RUPESH | 10 | | | SEP-1 |
| PB169547BS | ALCS547 | PCB | 1000 | 6 | Evelyn | RUPESH | 10 | | | 2 |
| PB169547BSD | ALCSD547 | PCB | 1000 | 6 | Evelyn | RUPESH | 10 | | | 3 |
| Q3004-04 | DRUM-OILY-WATER | PCB | 100 | 6 | Evelyn | RUPESH | 10 | D | Oily | 4 |
| Q3017-02 | TT-076-IDWGW-20250903 | PCB | 1000 | 6 | Evelyn | RUPESH | 10 | E | | 5 |
| Q3017-03 | TT-077-IDWGW-20250903 | PCB | 1000 | 6 | Evelyn | RUPESH | 10 | E | | 6 |
| Q3017-04 | TT-078-IDWGW-20250903 | PCB | 1000 | 6 | Evelyn | RUPESH | 10 | E | | 7 |
| Q3017-05 | TT-079-IDWGW-20250903 | PCB | 1000 | 6 | Evelyn | RUPESH | 10 | E | | 8 |

RS 9/4.

* **Extracts relinquished on the same date as received.**

Q3017-PCB

9/4/25 9:33

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** Q3004 **WorkList ID :** 191657 **Department :** Extraction **Date :** 09-04-2025 09:28:11

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3004-04 | DRUM-OILY-WATER | Water | PCB | Cool 4 deg C | PSEG03 | J13 | 09/02/2025 | 8082A |

608 of 1191

**Date/Time** 9/4/25 9:28

**Raw Sample Received by:** RS (EXT-GC)

**Raw Sample Relinquished by:** [signature]



**Date/Time** 9/4/25 9:50

**Raw Sample Received by:** [signature]

**Raw Sample Relinquished by:** RS (EXT-GC)

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Q3017-PCB

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** Q3017 **WorkList ID :** 191665 **Department :** Extraction **Date :** 09-04-2025 11:04:20

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3017-02 | TT-076-IDWGW-20250903 | Water | PCB | Cool 4 deg C | TETR06 | J12 | 09/04/2025 | 8082A |
| Q3017-03 | TT-077-IDWGW-20250903 | Water | PCB | Cool 4 deg C | TETR06 | J12 | 09/04/2025 | 8082A |
| Q3017-04 | TT-078-IDWGW-20250903 | Water | PCB | Cool 4 deg C | TETR06 | J12 | 09/04/2025 | 8082A |
| Q3017-05 | TT-079-IDWGW-20250903 | Water | PCB | Cool 4 deg C | TETR06 | J12 | 09/04/2025 | 8082A |

609 of 1191

**Date/Time** 9/4/25 11:05
**Raw Sample Received by:** RS (Ext Lab)
**Raw Sample Relinquished by:**



**Date/Time** 9/4/25 11:30
**Raw Sample Received by:**
**Raw Sample Relinquished by:** RS (Ext Lab)

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# Prep Standard - Chemical Standard Summary

**Order ID :** Q3017

**Test :** PCB

**Prepbatch ID :** PB169547,

**Sequence ID/Qc Batch ID:** po090425,pp090525,

**Standard ID :**

EP2610,EP2636,PP24329,PP24330,PP24381,PP24663,PP24799,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,

**Chemical ID :**

E3804,E3875,E3944,E3955,E3962,E3963,E3964,E3968,M6157,P11522,P11592,P12700,P12703,P12951,P12952,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 |
|---|---|---|---|---|---|---|---|---|
| 3923 | Baked Sodium Sulfate | EP2636 | 08/27/2025 | 01/28/2026 | Riteshkumar Patel | Extraction_SCALE_2 (EX-SC-2) | None | Evelyn Huang 08/27/2025 |

**FROM** 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 84 | Pest/PCB Surrogate Stock 20 PPM | 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

| 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

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1893 | AR1254 1000 PPB Working Sol. 2nd Source | 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

| 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

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# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3857 | 5000 PPB PCB SPIKE SOLUTION 2ND SOURCE | PP24799 | 08/12/2025 | 02/12/2026 | Abdul Mirza | None | None | Yogesh Patel 08/19/2025 |

**FROM** 0.50000ml of P12951 + 99.50000ml of E3955 = Final Quantity: 100.000 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 | 09/18/2025 | 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 | 09/18/2025 | 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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# 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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# 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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Fax : 908 789 8922

# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1064 | AR1232 250 PPB STD | 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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Fax : 908 789 8922

# 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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Fax : 908 789 8922

# 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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Fax : 908 789 8922

# Pest/Pcb STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1076 | AR1248 250 PPB STD | 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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Fax : 908 789 8922

# 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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Fax : 908 789 8922

# 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 | 09/18/2025 | 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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# 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 | 09/18/2025 | 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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# 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-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H2762008 | 04/18/2027 | 07/16/2025 / RUPESH | 07/16/2025 / RUPESH | E3955 |

| 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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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L) | 25C1262005 | 04/16/2026 | 08/14/2025 / RUPESH | 03/06/2025 / RUPESH | E3964 |

| 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) | 25CO362005 | 03/03/2026 | 09/03/2025 / Riteshkumar | 08/27/2025 / Riteshkumar | E3968 |

| 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 |

| 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 |

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# CHEMICAL RECEIPT LOG BOOK

| 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 | 02/12/2026 | 08/12/2025 / Abdul | 12/20/2023 / Yogesh | P12951 |

| 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. | / 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 |

| 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 |

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# CHEMICAL RECEIPT LOG BOOK

| 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 |

| 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 |

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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 | 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 |

| 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 |

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 # |
|---|---|---|---|---|---|---|
| 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.

RE-02-01, Ed. 3

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

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

Recieved on 7/16/25

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

E 3955

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

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

Page 1 of 1

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

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date:2026-04-16
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 | 1 |
| Assay ($CH_2Cl_2$) (by GC, exclusive of preservative, corrected for water) | >= 99.8 % | 100.0 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.1 ppm |
| Titrable Acid (µeq/g) | <= 0.3 | <0.1 |
| Chloride (Cl) | <= 10 ppm | <5 ppm |
| Water (by KF, coulometric) | <= 0.02 % | <0.01 % |

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

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

Received on

E 3964

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

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

Rec'd on 8/27/25

E 3968

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Page 1 of 1

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

M615 MB

avantor™ | J.T.Baker

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 |

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

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

Jamie Croak
Director Quality Operations, Bioscience Production

P11518 ↓ P11522 AJ 02/21/22

# 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
Page: 1 of 1
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

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

www.restek.com

# 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)

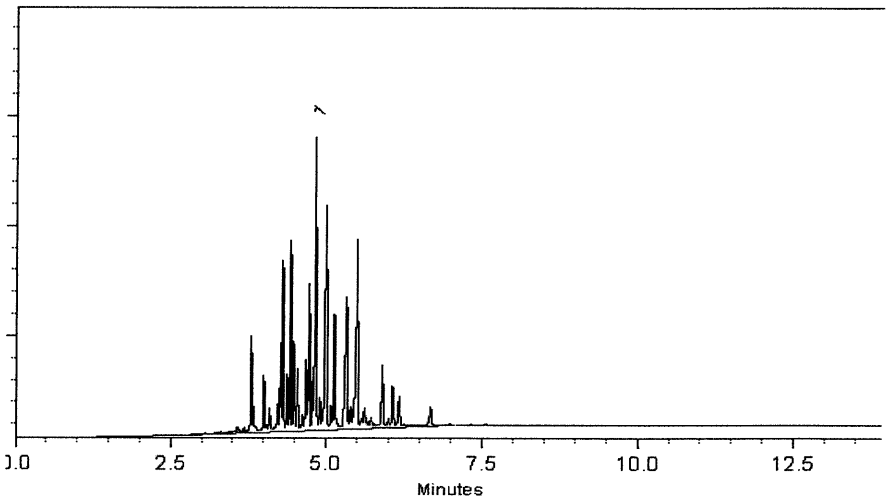
**Carrier Gas:**
helium-constant pressure 20 psi.

**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

**Absolute Standards, Inc.**
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*Certified Refe*

## 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(**
Acet

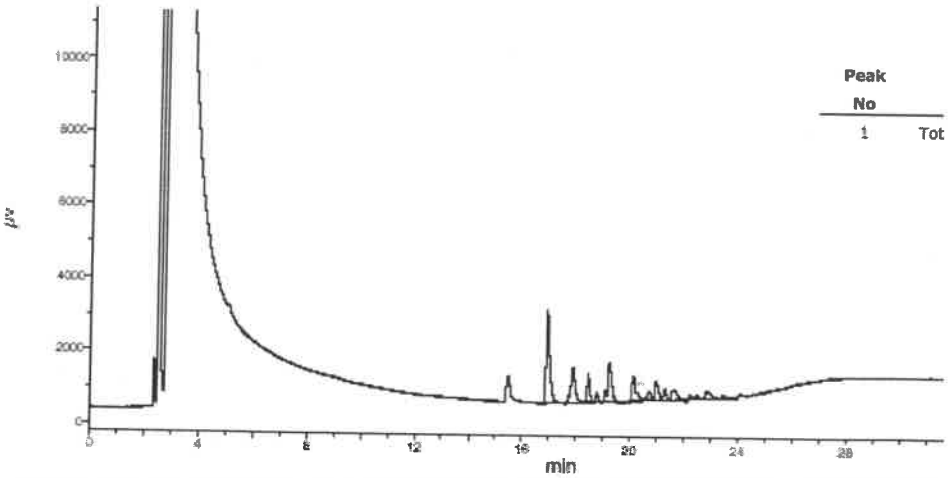
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Targ 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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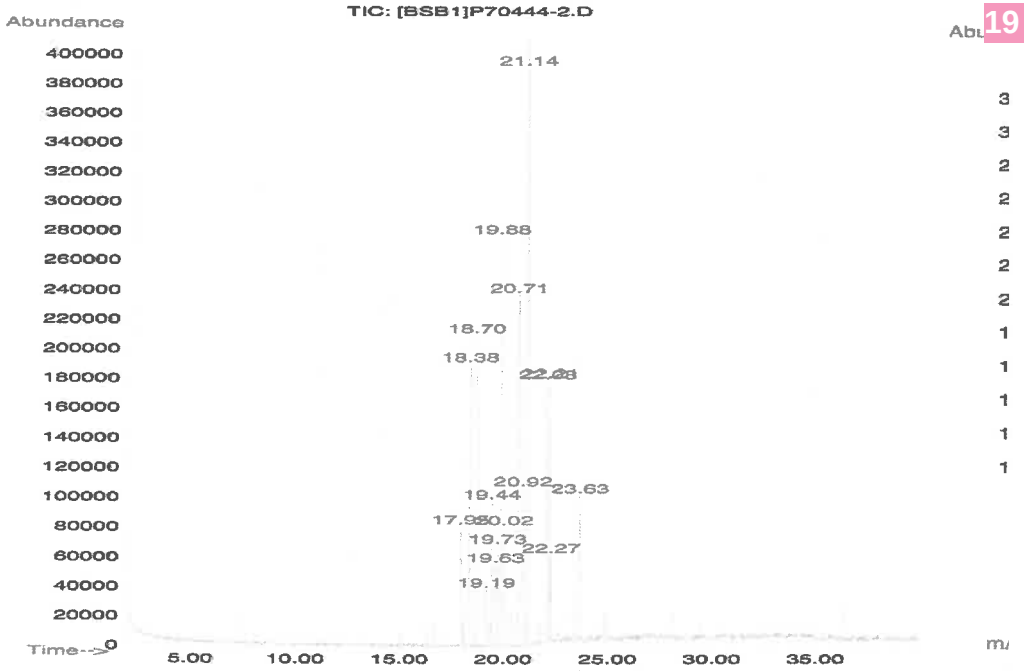
## CERTIFIED WEIGHT REPORT

| | | | |
|---|---|---|---|
| **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) |
|---|---|---|---|---|---|
| 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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AR-1539 Certificate Number
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Q3017-PCB

## 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):** Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

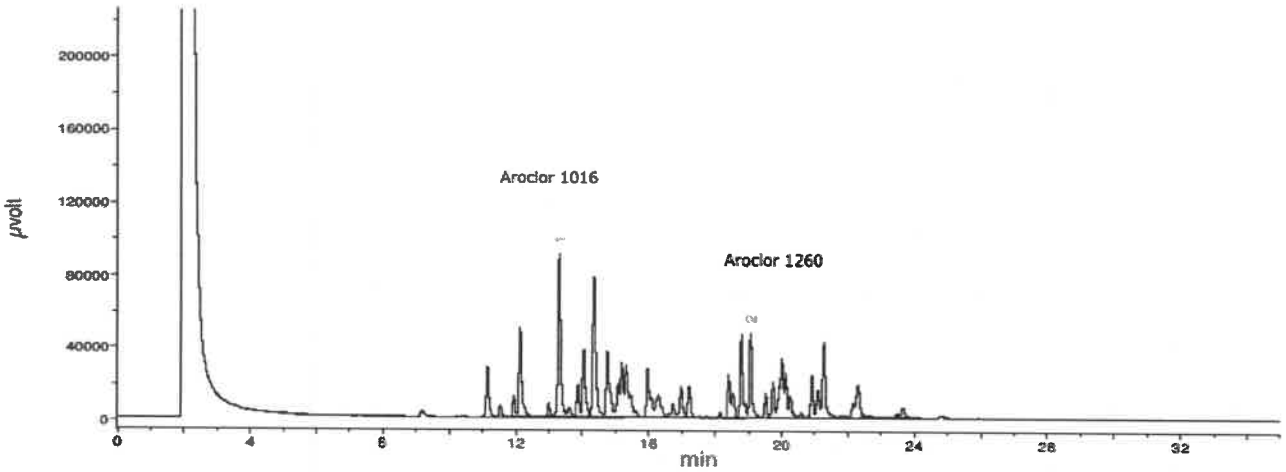
| | | |
|---|---|---|
| Formulated By: | Benson Chan | 022023 DATE |
| Reviewed By: | Pedro L. Rentas | 022023 DATE |

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




666 of 1191

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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):** Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

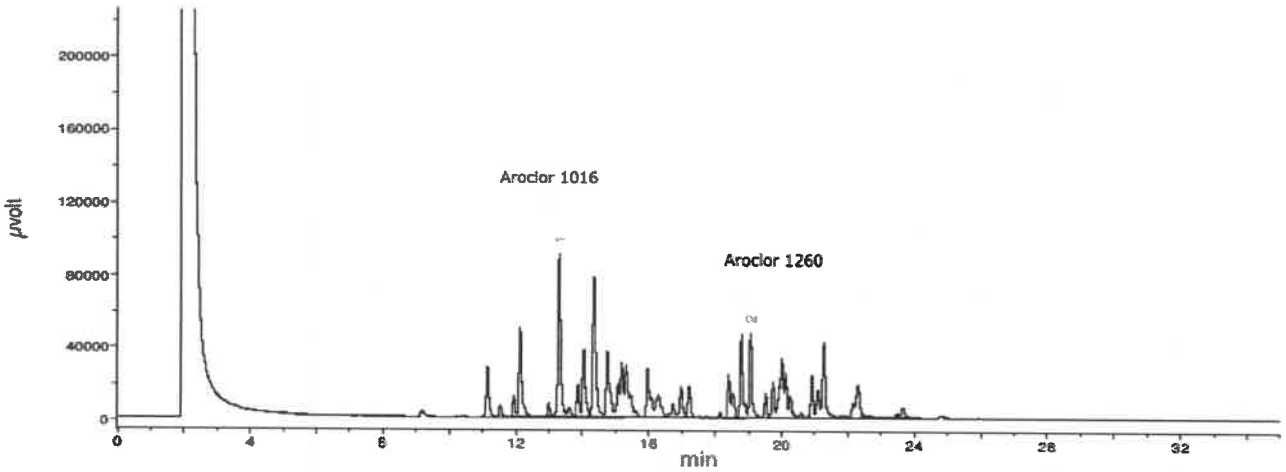
| | | |
|---|---|---|
| Formulated By: | Benson Chan | 022023 DATE |
| Reviewed By: | Pedro L. Rentas | 022023 DATE |

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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Q3017-PCB

## 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

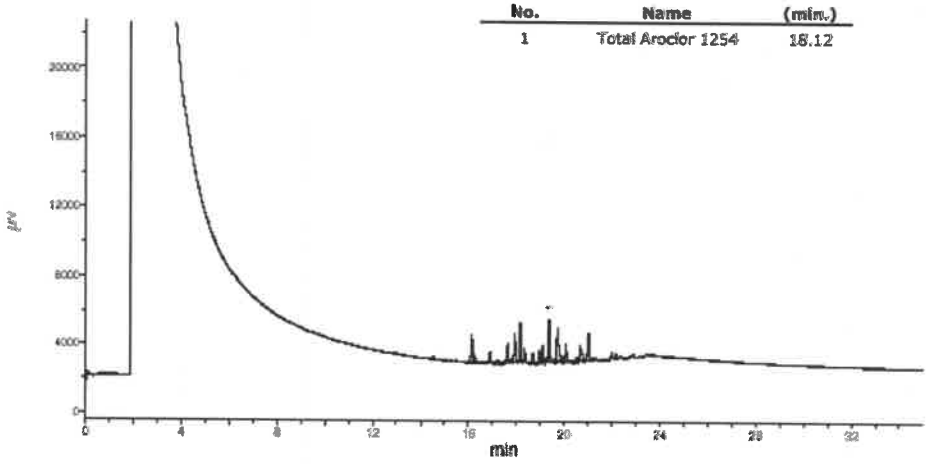
**Note: Aroclor 1254 is a mix of isomers.**

| 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 |




670 of 1191

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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

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

P13348 (10) → P13357

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.)

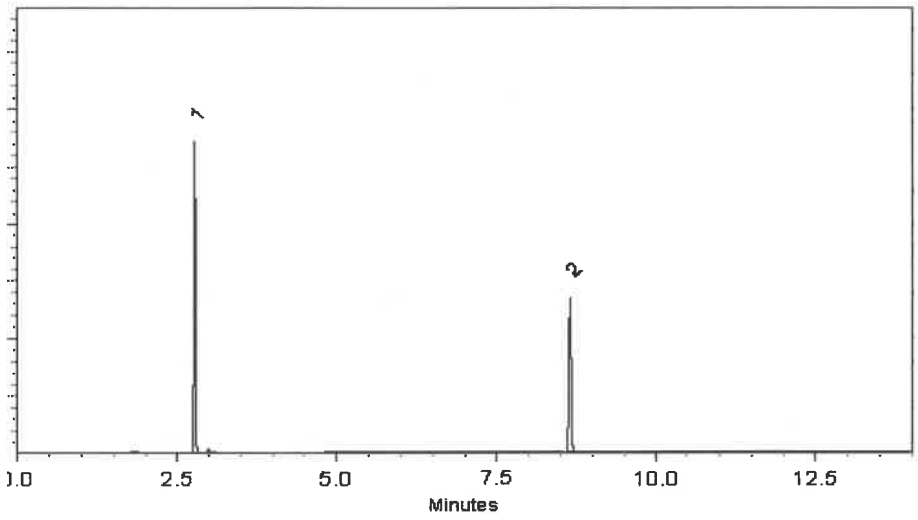
**Inj. Temp:**
250°C

**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**

P 13348 (10)
↓
P13357
04/25/2025

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

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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. :** 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.)

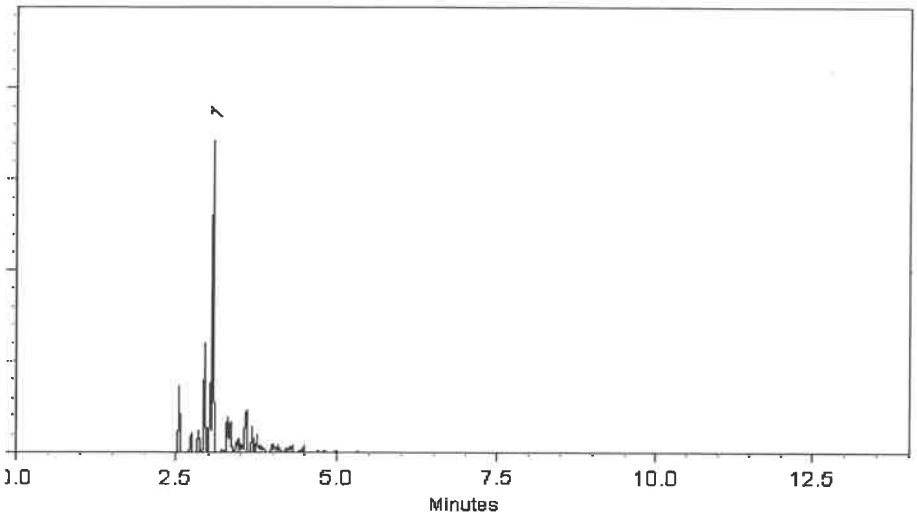
**Inj. Temp:**
250°C

**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**

P133774 (2)
↓
P133775

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 |

| Component Name | CERTIFIED VALUES 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 ↓ P13590

AJ 10/14/24



CSD-QA-015.1

**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

Agilent
Trusted Answers

**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 ↓ P13592

AJ 10/14/2024

Agilent

Trusted Answers

**Maintenance of Certification:**
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321



www.agilent.com/quality/
CSD-QA-015.1

ISO 17025

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

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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. :** 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.)

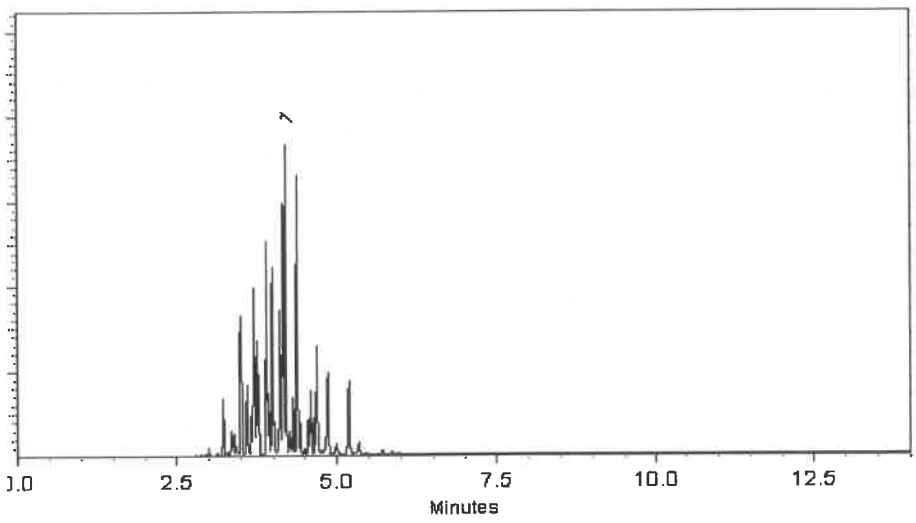
**Inj. Temp:**
250°C

**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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Certificate #3222.01

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

P13697 → P13701 } Y.P. 10/19/24

**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

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.)

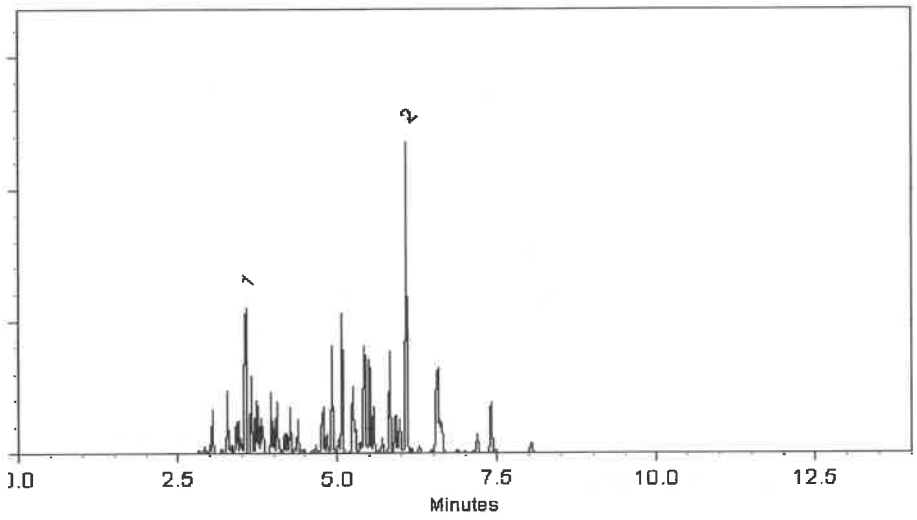
**Inj. Temp:**
250°C

**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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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. :** 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.)

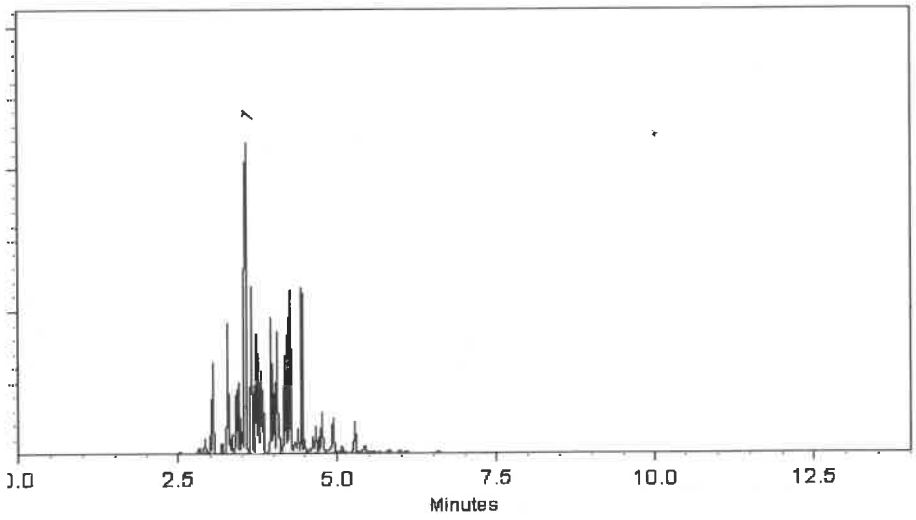
**Inj. Temp:**
250°C

**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.

Q3017-PCB

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# Certificate of Analysis

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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. :** 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

P13785 ↓ P13789 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.

Q3017-PCB

# 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.)

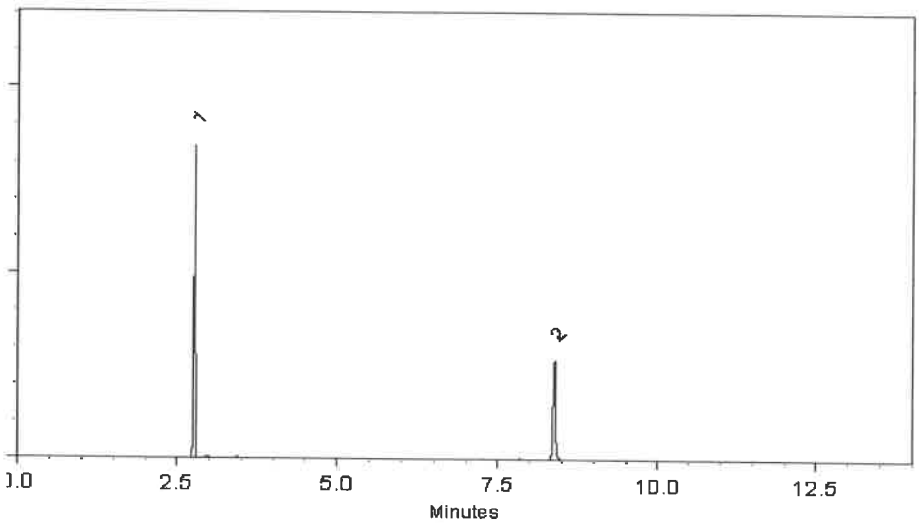
**Inj. Temp:**
250°C

**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**

Q3017-PCB

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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. :** 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.

Q3017-PCB

# 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.)

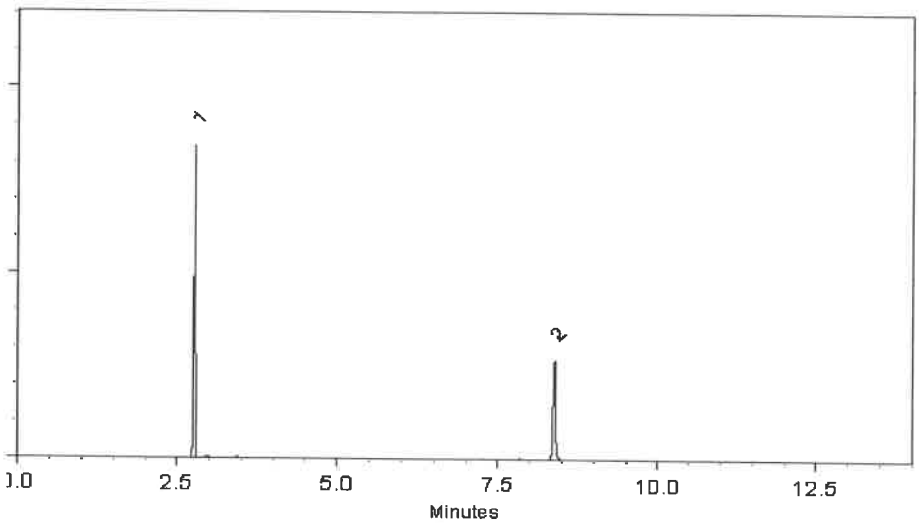
**Inj. Temp:**
250°C

**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**

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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.*

**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.)

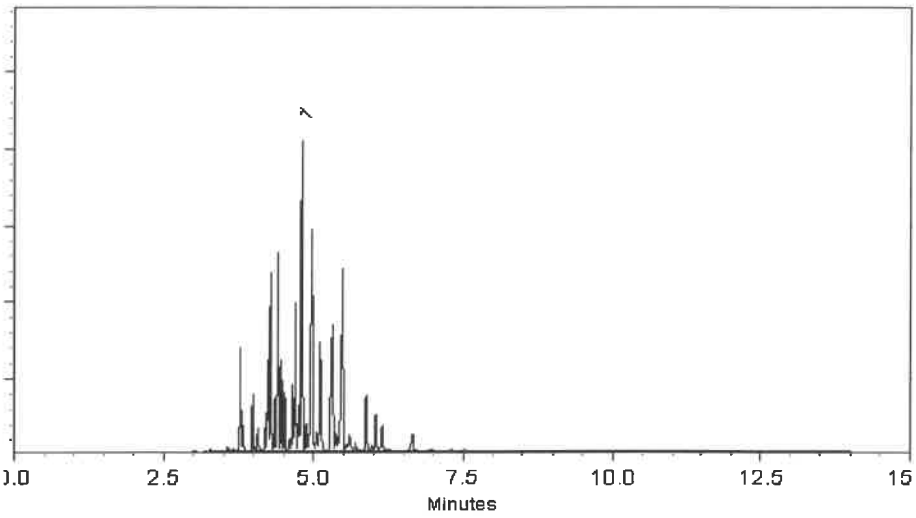
**Inj. Temp:**
250°C

**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**

Q3017-PCB

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. :** 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

Q3017-PCB

# 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.)

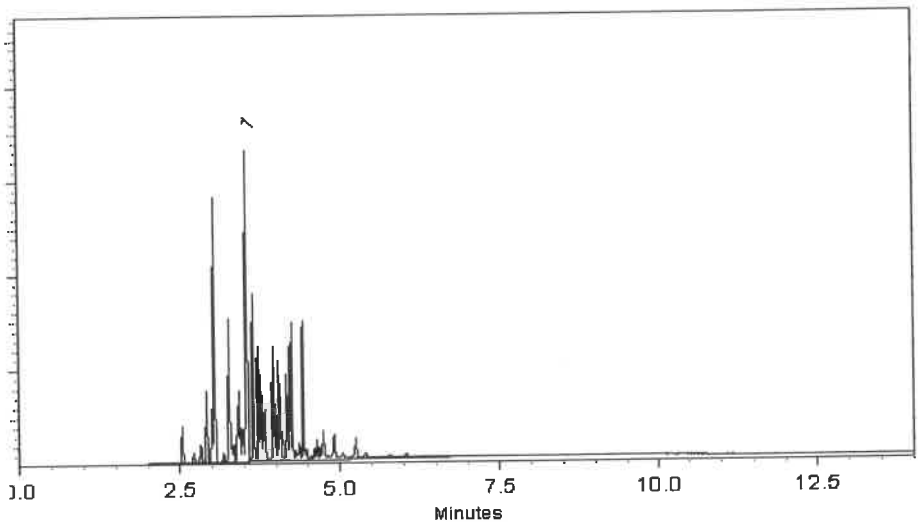
**Inj. Temp:**
250°C

**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**

Q3017-PCB

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. :** 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

Q3017-PCB

# 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.)

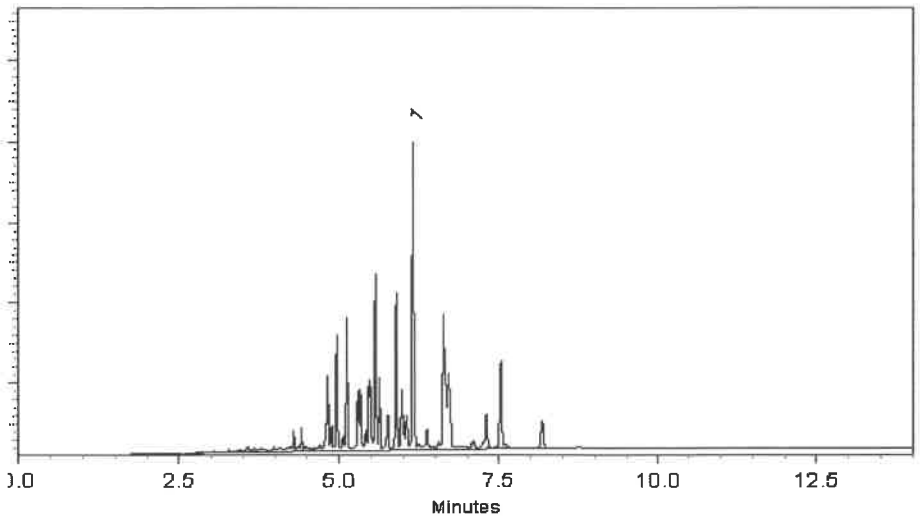
**Inj. Temp:**
250°C

**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**

Q3017-PCB

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. :** 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

Q3017-PCB

# 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.)

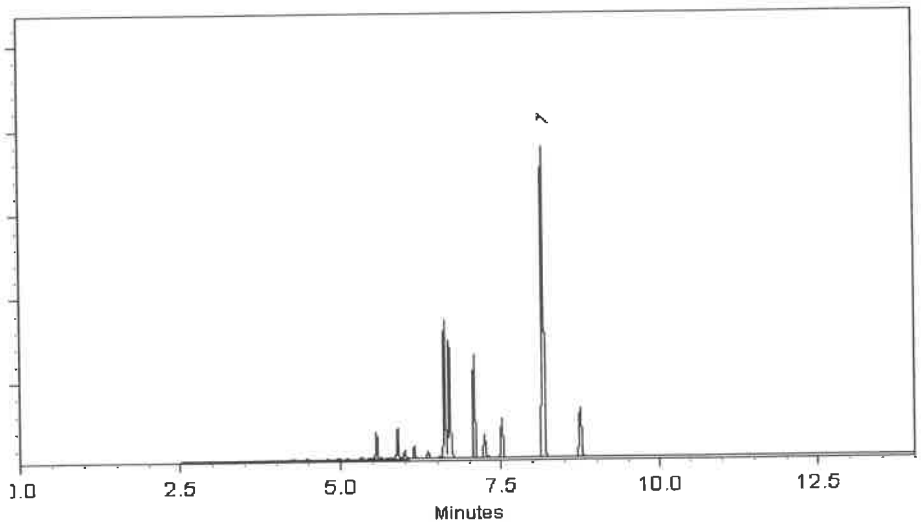
**Inj. Temp:**
250°C

**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

# CHEMTECH
## CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

Chemtech Project Number: Q 3016 3017

COC Number:

| CLIENT INFORMATION | PROJECT INFORMATION | BILLING INFORMATION |
|---|---|---|
| COMPANY: Tetra Tech | PROJECT NAME: NWIRP Bethpage | BILL TO: SEE CONTRACT PO# |
| ADDRESS: 4433 Corporation Ln, Suite 300 | PROJECT #: 112G08005-WE13 LOCATION: GW IDW | ADDRESS: |
| CITY: Virginia Beach STATE: VA ZIP: 23462 | PROJECT MANAGER: Ernie Wu | CITY: STATE: ZIP: |
| ATTENTION: Ernie Wu | E-MAIL: ernie.wu@tetratech.com | ATTENTION: PHONE: |
| PHONE: 757-466-4901 FAX: 757-461-4148 | PHONE: 757-466-4901 FAX: 757-461-4148 | |

**DATA TURNAROUND INFORMATION**

FAX:_____48hr_____ DAYS*
HARD COPY:_____48hr_____DAYS*
EDD_____48hr_____DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

**DATA DELIVERABLE INFORMATION**

- ☐ RESEULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____
- ☐ EDD Format_____

**ANALYSIS**

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| | VOCs (EPA 624) | pH | Total Metals | PCB's (EPA 8082) | | | | | |
| PRESERVATIVES | A | | B | | | | | | |

| CHEMTECH SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # of Bottles | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | BP-TB-20250903 | QA | | X | 9/3/25 | 9:00 | 2 | 2 | | | | | | | | | Trip Blank |
| 2. | TT-076-IDWGW-20250903 | AQ | | X | 9/3/25 | 11:30 | 5 | 2 | 1 | 1 | 1 | | | | | | pH 1.0 |
| 3. | TT-077-IDWGW-20250903 | AQ | | X | 9/3/25 | 11:40 | 5 | 2 | 1 | 1 | 1 | | | | | | |
| 4. | TT-078-IDWGW-20250903 | AQ | | X | 9/3/25 | 11:50 | 5 | 2 | 1 | 1 | 1 | | | | | | |
| 5. | TT-079-IDWGW-20250903 | AQ | | X | 9/3/25 | 12:00 | 5 | 2 | 1 | 1 | 1 | | | | | | |
| 6. | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | |


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


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

| RELINQUISHED BY SAMPLER | DATE/TIME | RECEIVED BY |
|---|---|---|
| 1. | 9/3/25 1430 | 1. |
| RELINQUISHED BY | DATE/TIME | RECEIVED BY |
| 2. | 9/4/25 9:30 | 2. |
| RELINQUISHED BY | DATE/TIME | RECEIVED FOR LAB BY |
| 3. | | 3. |

Conditions of bottles or coolers at receipt: Compliant Non Compliant Cooler Temp 2.3°C
MeOH extraction requires an additional 4oz. Jar for percent solid Ice in Cooler?: yes
Comments:
48hr TAT - CTO-WE13 Drilling GW IDW Sampling - Frac Tank #1 (TT076), #2 (TT077), #3 (TT078), #5 (079)

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
CHEMTECH: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

**WHITE** - CHEMTECH COPYFOR RETURN TO CLIENT **YELLOW** - CHEMTECH COPY **PINK** - SAMPLER COPY

CHEMTECH 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 |

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

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q3017 TETR06
**Client Name :** Tetra Tech NUS, Inc.
**Client Contact :** Ernie Wu
**Invoice Name :** Tetra Tech NUS, Inc.
**Invoice Contact :** Ernie Wu

**Order Date :** 9/4/2025 10:17:00 AM
**Project Name :** NWIRP Bethpage 112G080
**Receive DateTime :** 9/4/2025 9:30:00 AM
**Purchase Order :**

**Project Mgr :**
**Report Type :** Level 4
**EDD Type :** ADAPT
**Hard Copy Date :**
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|
| Q3017-01 | BP-TB-20250903 | Water | ~~09/04/2025~~ 09/03/2025 | 09:00 | VOC-TCLVOA-10 | | 624.1 | 2 Bus. Days | |
| Q3017-02 | TT-076-IDWGW-20250903 | Water | ~~09/04/2025~~ 09/03/2025 | 11:30 | VOC-TCLVOA-10 | | 624.1 | 2 Bus. Days | |
| Q3017-03 | TT-077-IDWGW-20250903 | Water | ~~09/04/2025~~ 09/03/2025 | 11:40 | VOC-TCLVOA-10 | | 624.1 | 2 Bus. Days | |
| Q3017-04 | TT-078-IDWGW-20250903 | Water | ~~09/04/2025~~ 09/03/2025 | 11:50 | VOC-TCLVOA-10 | | 624.1 | 2 Bus. Days | |
| Q3017-05 | TT-079-IDWGW-20250903 | Water | ~~09/04/2025~~ 09/03/2025 | 12:00 | VOC-TCLVOA-10 | | 624.1 | 2 Bus. Days | |

**Relinguished By :** [signature]
**Date / Time :** 9/4/25 11:05

**Received By :** [signature]
**Date / Time :** 9/4/25 1105

**Storage Area :** VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:06
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:21:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 11:21:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.663 | 3.654 | 38705497 | 24699023 | 4.728 | 4.881 |
| 2) | SA Decachlor... | 8.681 | 8.626 | 33724342 | 8728376 | 4.865 | 4.606 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.747 | 4.728 | 12924748 | 8716922 | 48.963 | 51.104 |
| 4) | L1 AR-1016-2 | 4.765 | 4.747 | 18948771 | 13256000 | 47.203 | 51.448 |
| 5) | L1 AR-1016-3 | 4.823 | 4.922 | 13003930 | 7770949 | 50.991 | 55.660 |
| 6) | L1 AR-1016-4 | 4.942 | 4.964 | 12149479 | 7218889 | 55.714 | 61.859 |
| 7) | L1 AR-1016-5 | 5.199 | 5.176 | 12331019 | 7956952 | 55.638 | 55.827 |
| 31) | L7 AR-1260-1 | 6.235 | 6.203 | 30102204 | 14036794 | 67.214 | 55.031 |
| 32) | L7 AR-1260-2 | 6.424 | 6.391 | 38557140 | 19279056 | 55.026 | 55.766 |
| 33) | L7 AR-1260-3 | 6.790 | 6.542 | 29698822 | 21018087 | 48.097 | 70.832 # |
| 34) | L7 AR-1260-4 | 7.049 | 7.011 | 23055337 | 12235910 | 51.477 | 59.040 |
| 35) | L7 AR-1260-5 | 7.292 | 7.253 | 59416722 | 27062013 | 49.077 | 57.772 |

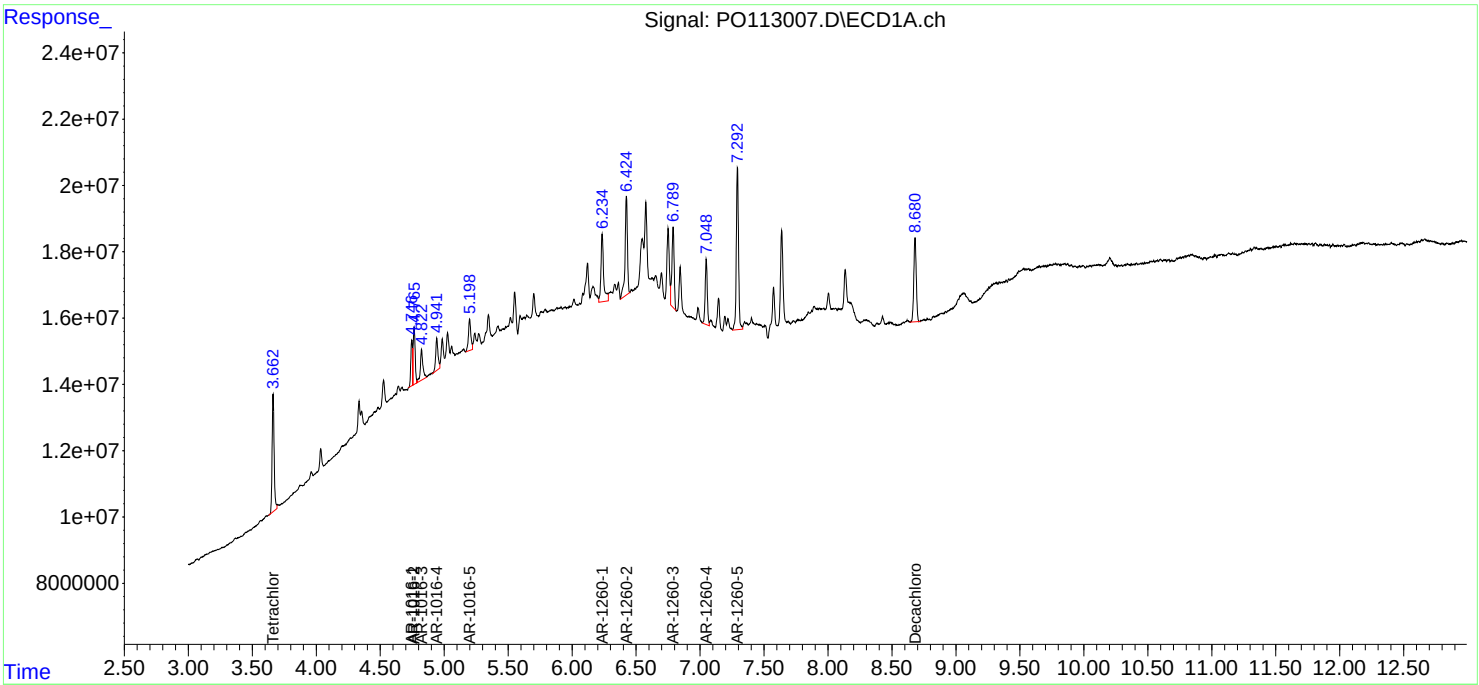
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

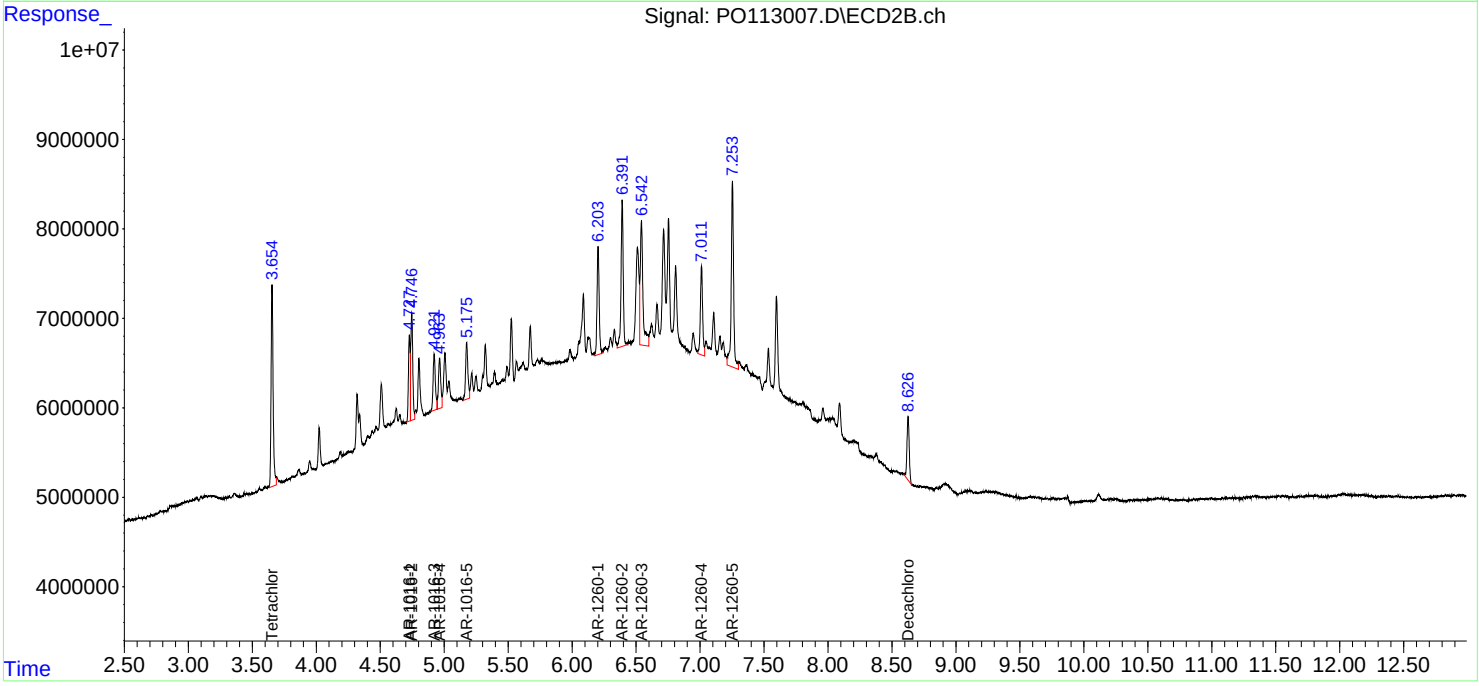
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 11:06
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

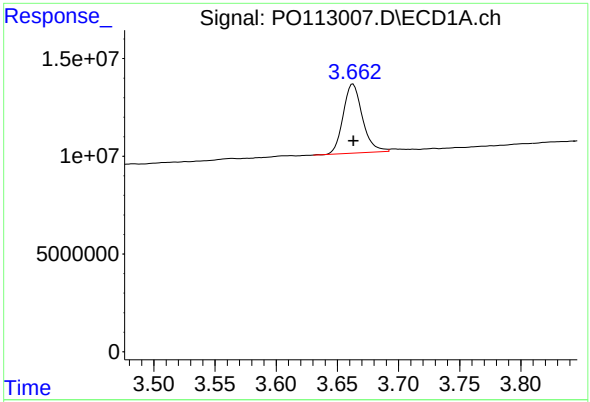
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 11:21:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 18 11:21:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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



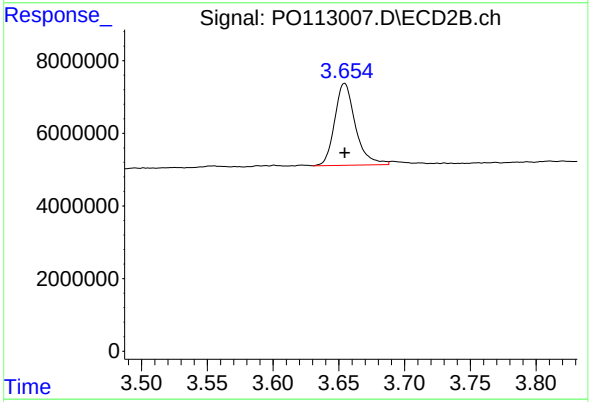






#1 Tetrachloro-m-xylene

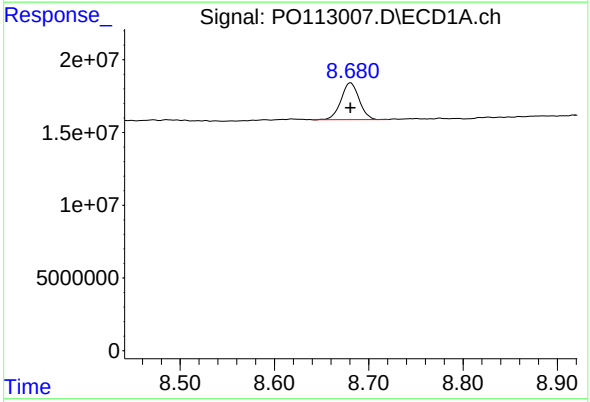
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 38705497
Conc: 4.73 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050



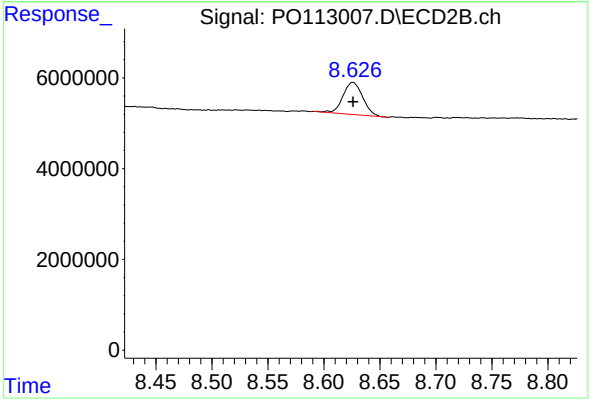

#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: 0.000 min
Response: 24699023
Conc: 4.88 ng/ml



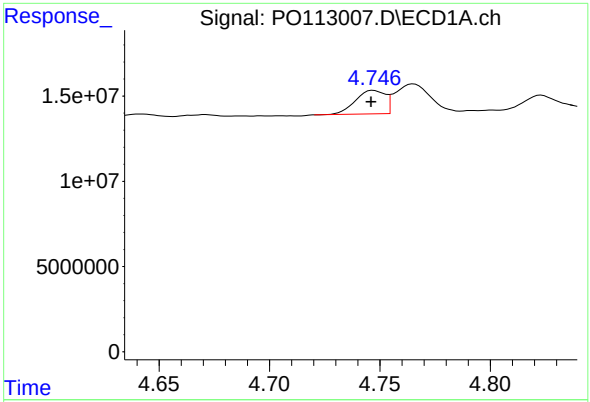

#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 33724342
Conc: 4.87 ng/ml




#2 Decachlorobiphenyl

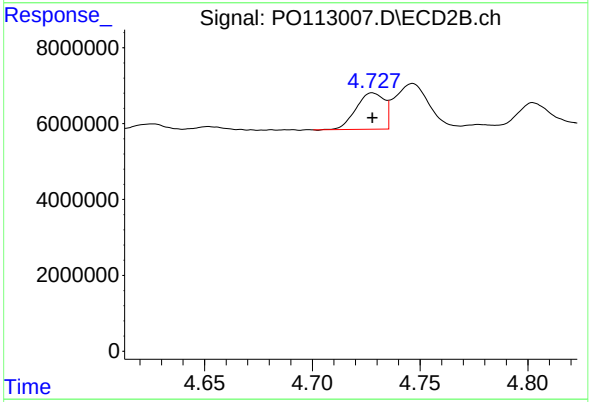
R.T.: 8.626 min
Delta R.T.: 0.000 min
Response: 8728376
Conc: 4.61 ng/ml




#3 AR-1016-1

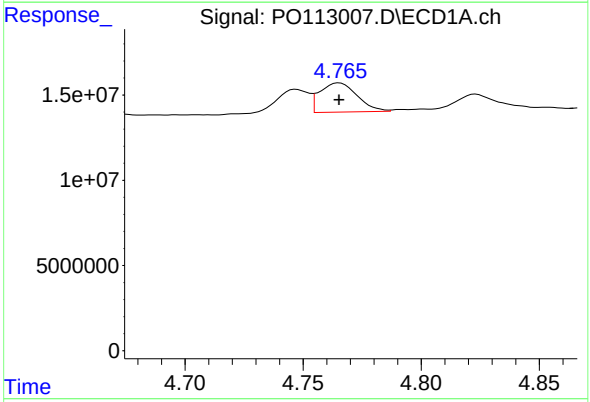
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 12924748
Conc: 48.96 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050



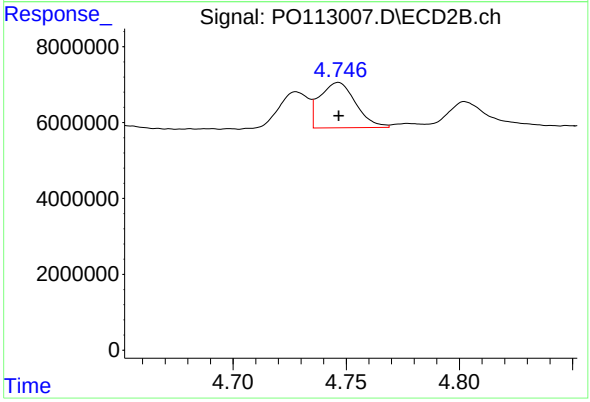

#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 8716922
Conc: 51.10 ng/ml



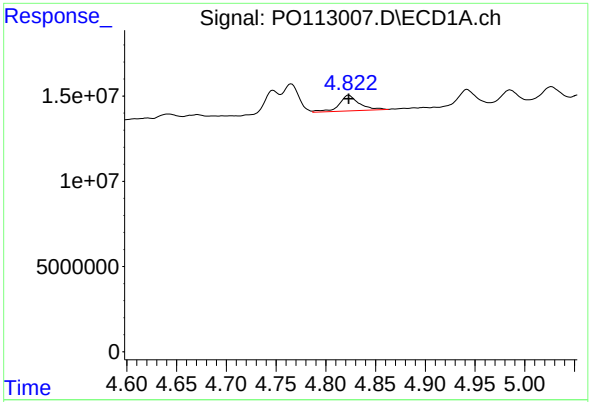

#4 AR-1016-2

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 18948771
Conc: 47.20 ng/ml




#4 AR-1016-2

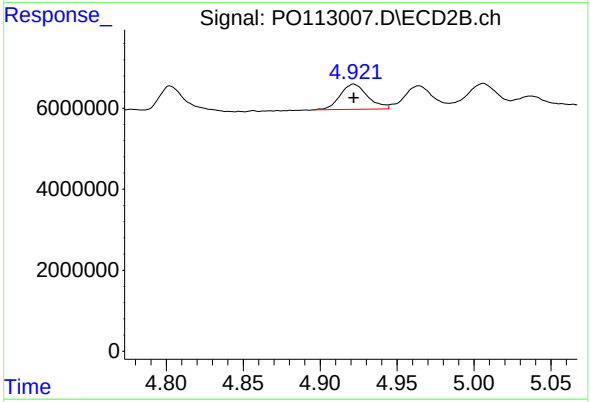
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 13256000
Conc: 51.45 ng/ml




#5 AR-1016-3

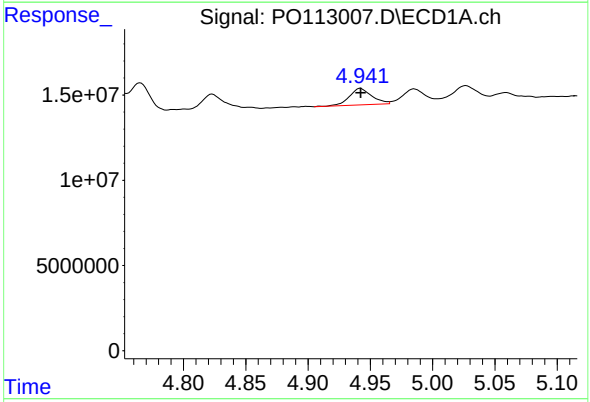
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 13003930
Conc: 50.99 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050



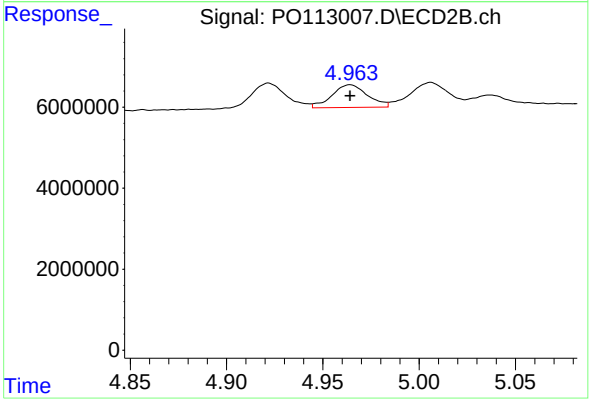

#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 7770949
Conc: 55.66 ng/ml



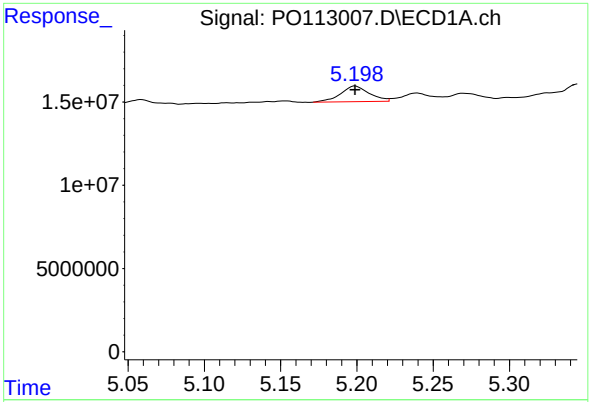

#6 AR-1016-4

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 12149479
Conc: 55.71 ng/ml




#6 AR-1016-4

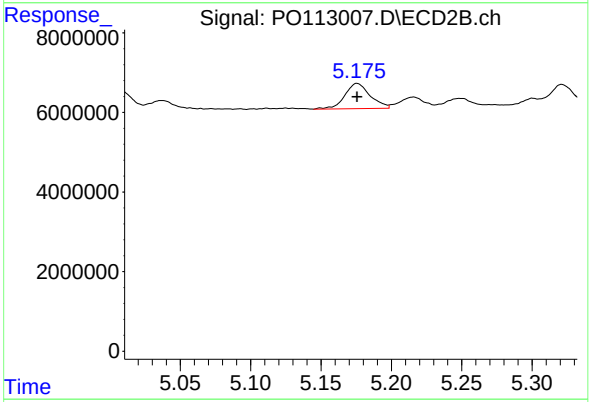
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 7218889
Conc: 61.86 ng/ml




#7 AR-1016-5

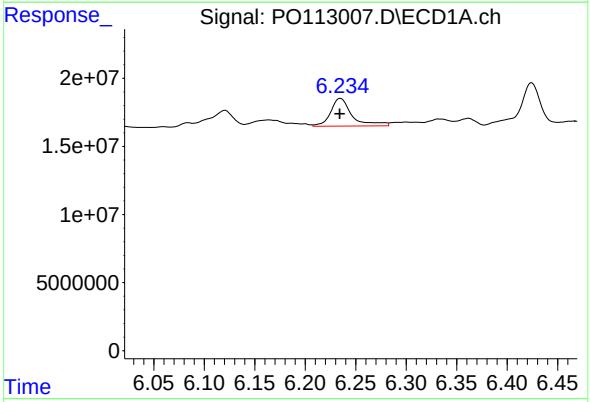
R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 12331019
Conc: 55.64 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050



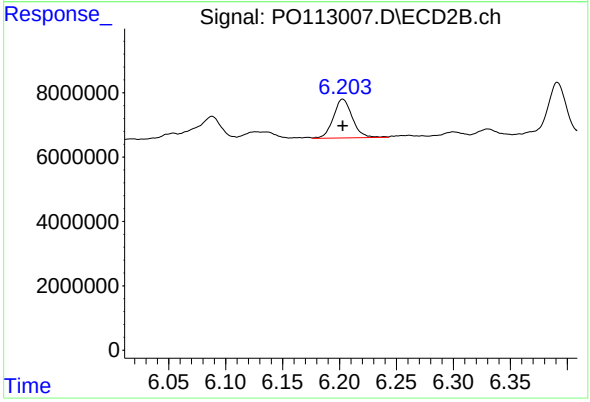

#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 7956952
Conc: 55.83 ng/ml



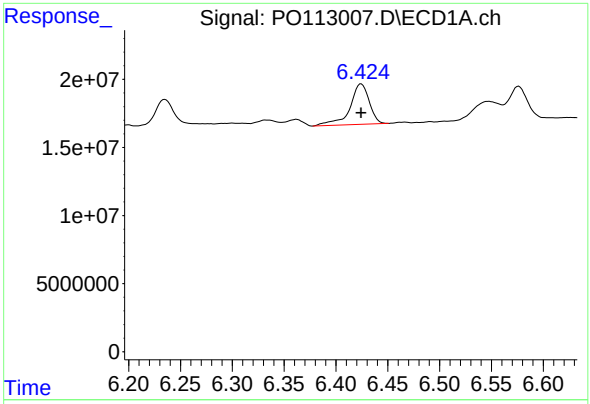

#31 AR-1260-1

R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 30102204
Conc: 67.21 ng/ml




#31 AR-1260-1

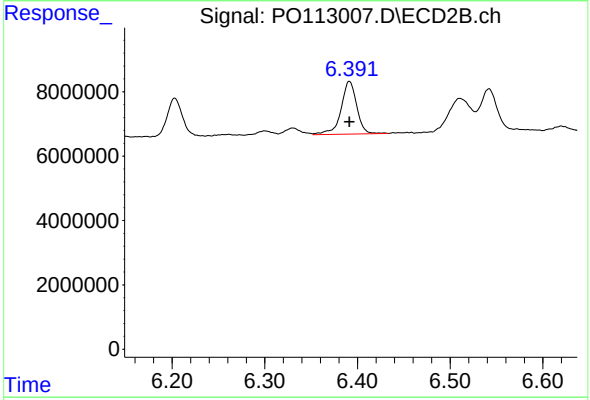
R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 14036794
Conc: 55.03 ng/ml




#32 AR-1260-2

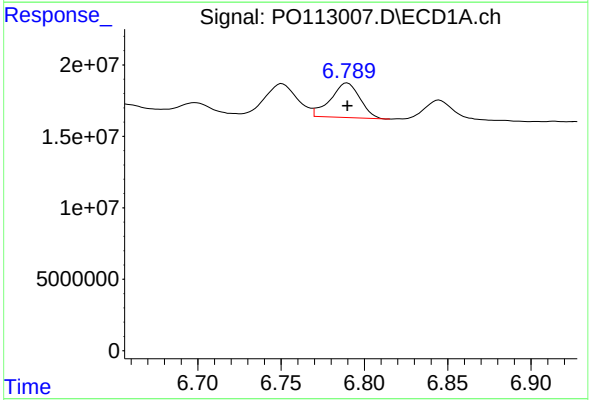
R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 38557140
Conc: 55.03 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050



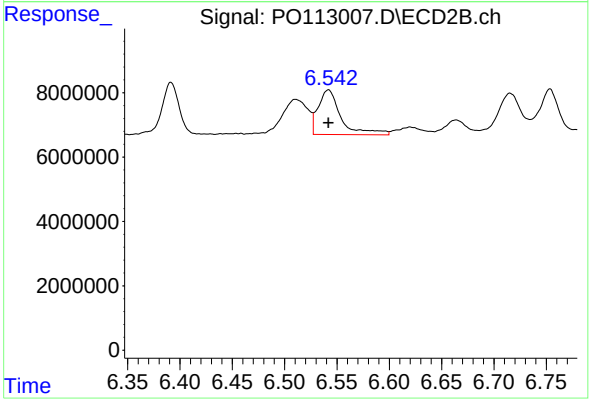

#32 AR-1260-2

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 19279056
Conc: 55.77 ng/ml



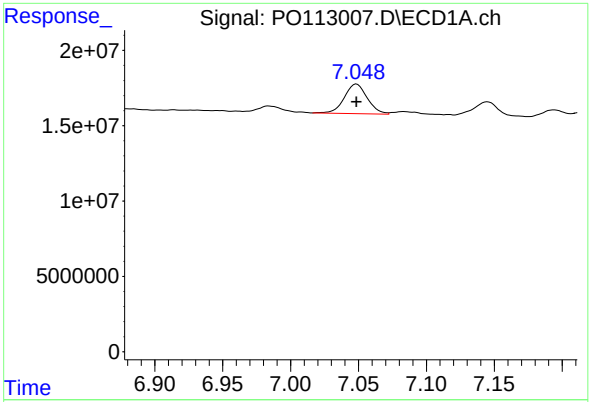

#33 AR-1260-3

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 29698822
Conc: 48.10 ng/ml




#33 AR-1260-3

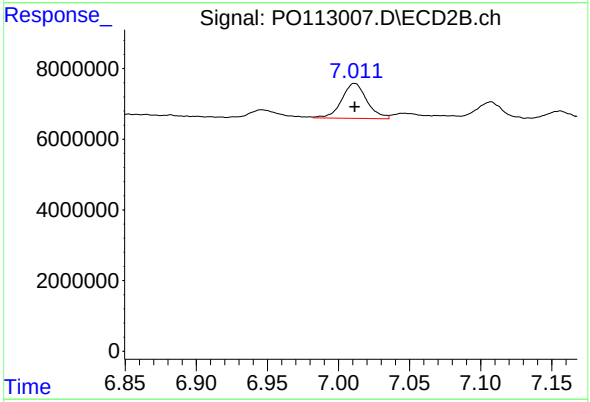
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 21018087
Conc: 70.83 ng/ml




#34 AR-1260-4

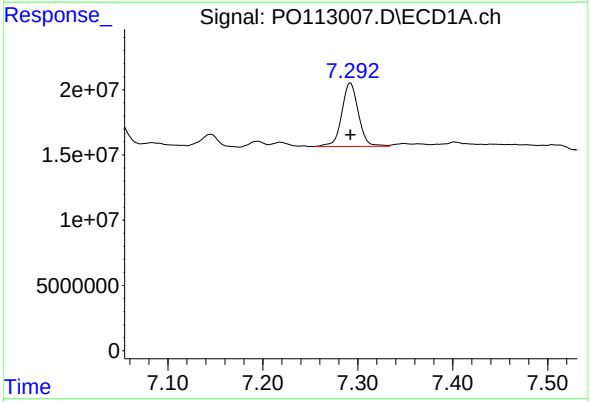
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 23055337
Conc: 51.48 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660ICC050



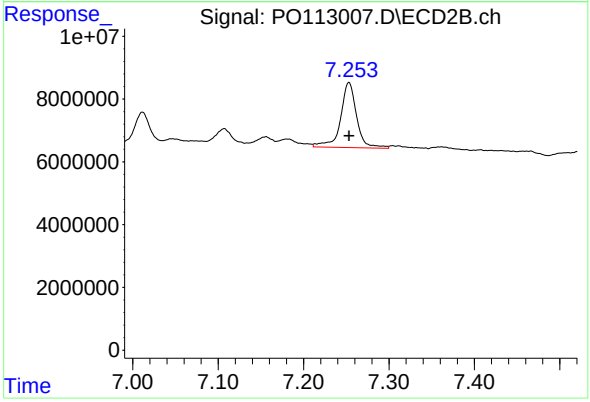

#34 AR-1260-4

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 12235910
Conc: 59.04 ng/ml




#35 AR-1260-5

R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 59416722
Conc: 49.08 ng/ml




#35 AR-1260-5

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 27062013
Conc: 57.77 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:15
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.663 | 3.655 | 34925483 | 22528993 | 4.035 | 4.275 |
| 2) | SA Decachlor... | 8.681 | 8.627 | 30372133 | 8862645 | 4.126 | 4.419 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 4.748 | 4.729 | 10191430 | 6960924 | 41.976 | 45.677 |
| 17) | L4 AR-1242-2 | 4.766 | 4.747 | 15895397 | 10049295 | 43.583 | 44.066 |
| 18) | L4 AR-1242-3 | 4.824 | 4.922 | 11619589 | 6020015 | 51.107 | 49.788 |
| 19) | L4 AR-1242-4 | 4.943 | 5.007 | 7908544 | 6750995 | 43.137 | 57.396 # |
| 20) | L4 AR-1242-5 | 5.593 | 5.526 | 13303509 | 9290897 | 63.491 | 59.877 |

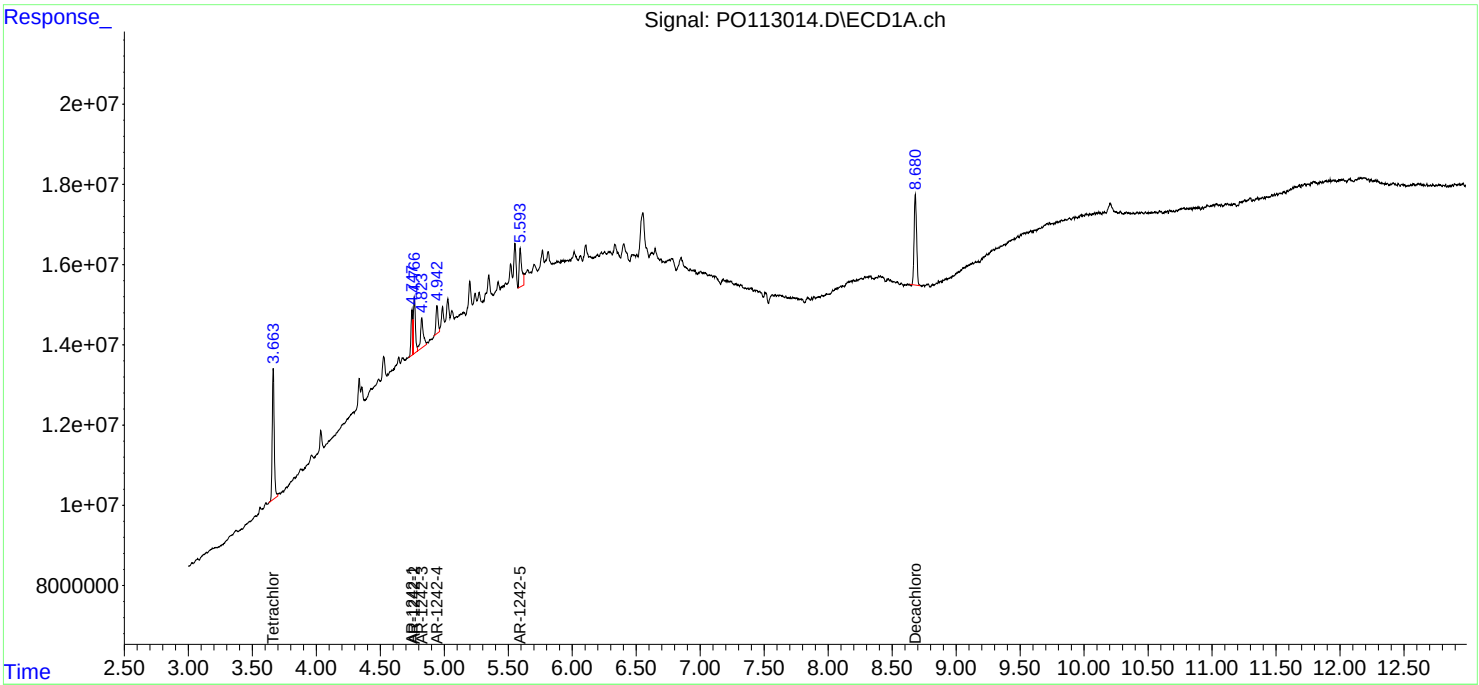
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

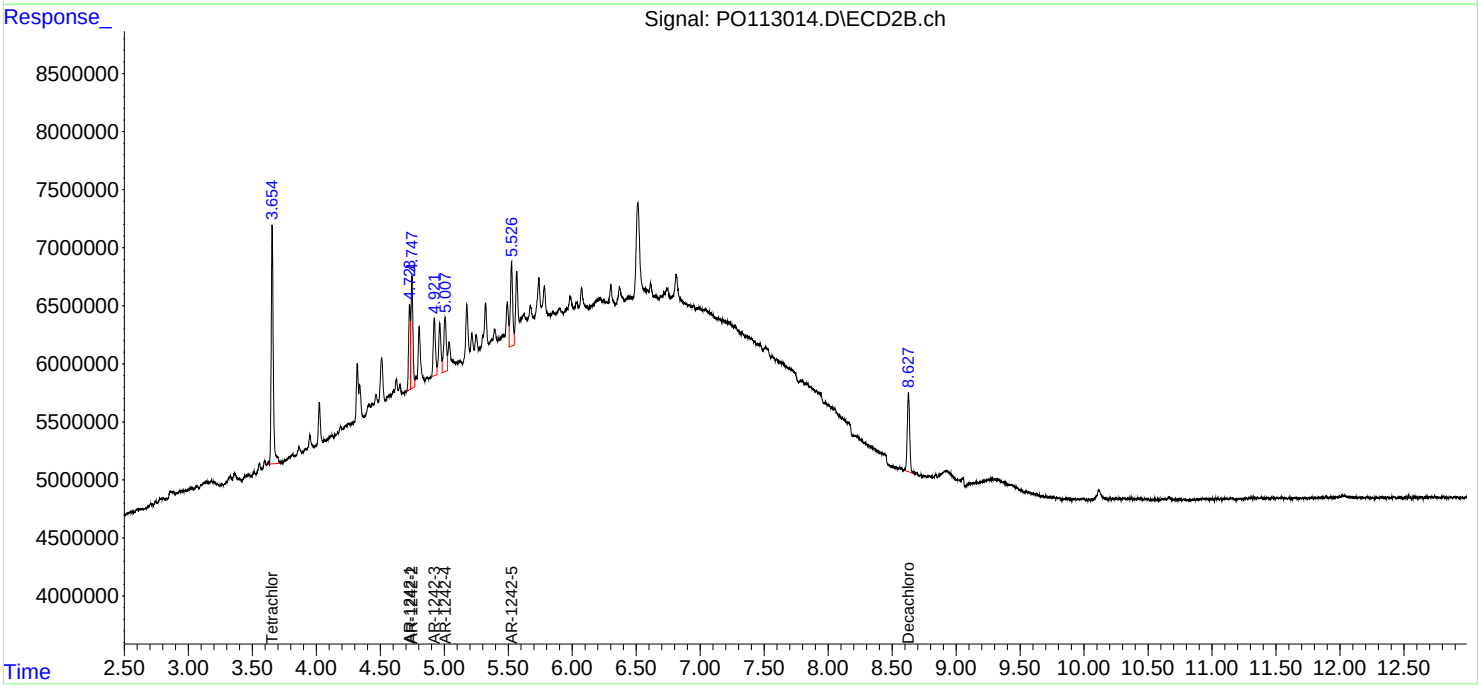
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:15
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

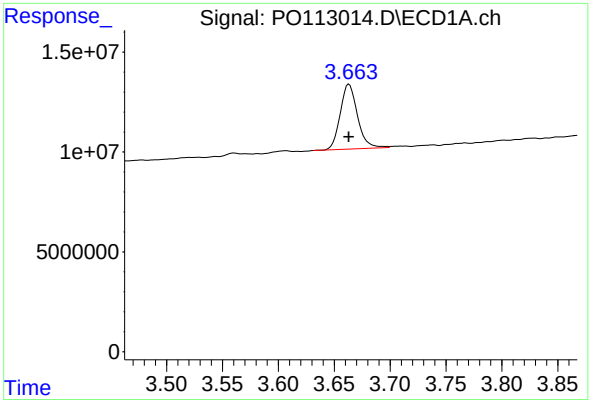
**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:00:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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



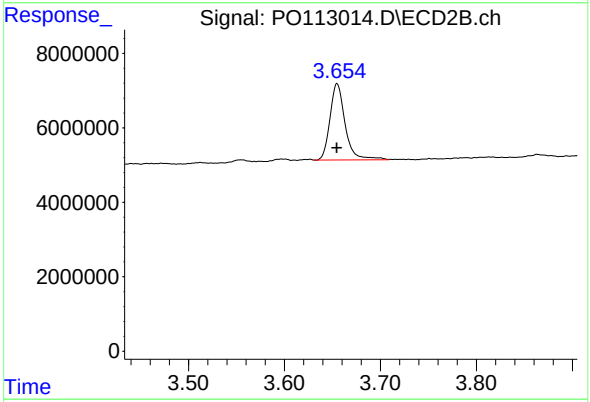






#1 Tetrachloro-m-xylene

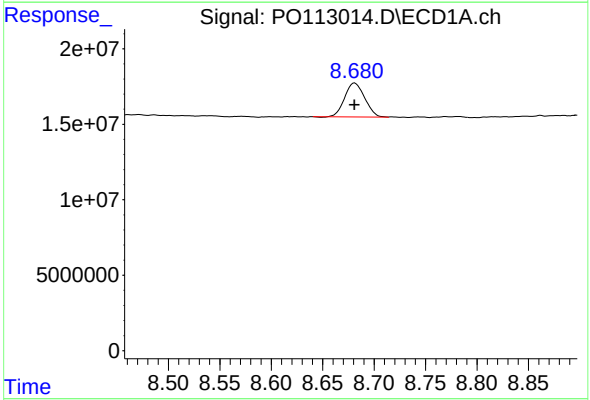
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 34925483
Conc: 4.04 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC050



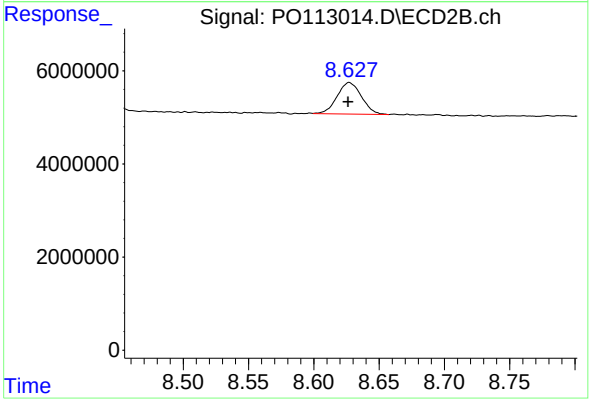

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 22528993
Conc: 4.27 ng/ml



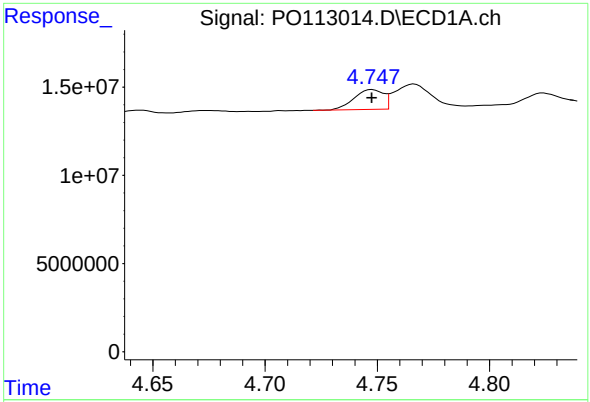

#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 30372133
Conc: 4.13 ng/ml




#2 Decachlorobiphenyl

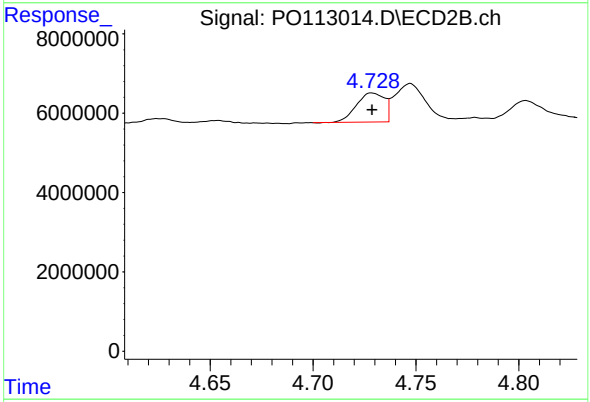
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 8862645
Conc: 4.42 ng/ml




#16 AR-1242-1

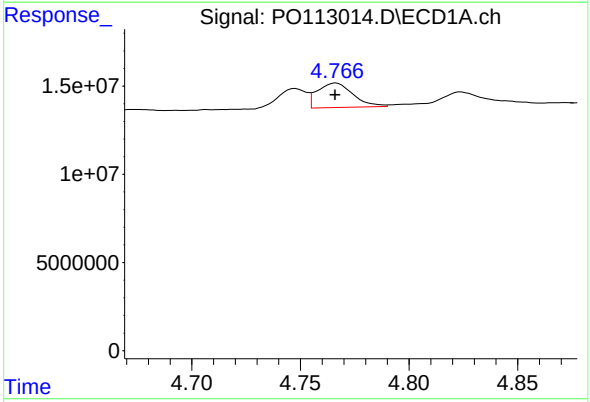
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 10191430
Conc: 41.98 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC050



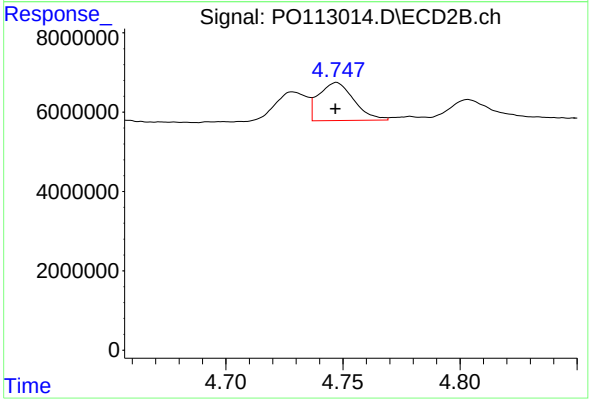

#16 AR-1242-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 6960924
Conc: 45.68 ng/ml



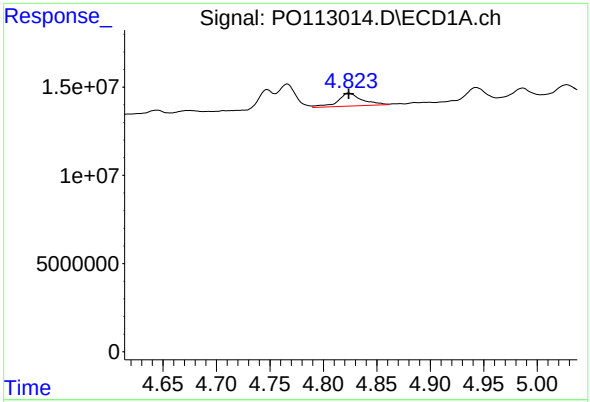

#17 AR-1242-2

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 15895397
Conc: 43.58 ng/ml




#17 AR-1242-2

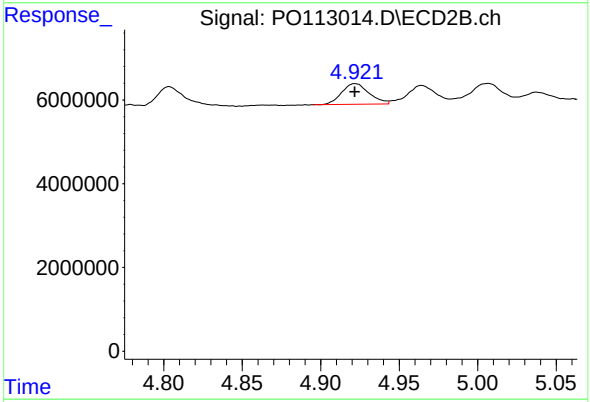
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 10049295
Conc: 44.07 ng/ml




#18 AR-1242-3

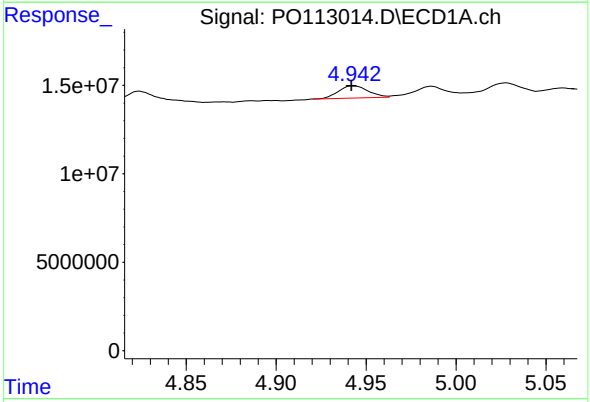
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 11619589
Conc: 51.11 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC050



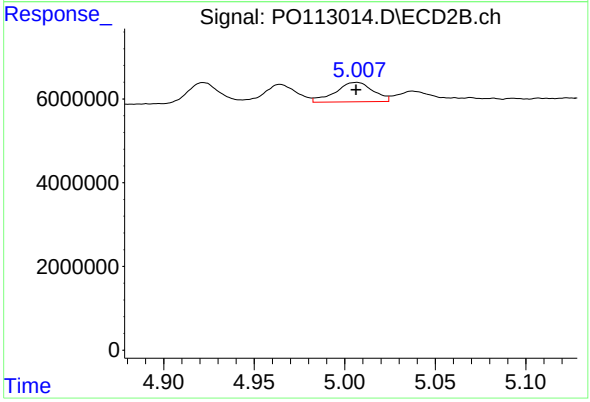

#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 6020015
Conc: 49.79 ng/ml



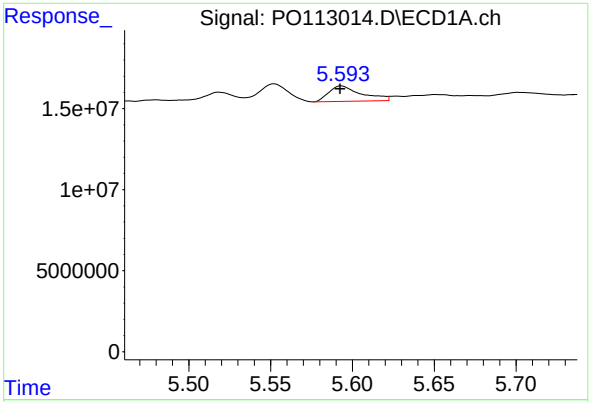

#19 AR-1242-4

R.T.: 4.943 min
Delta R.T.: 0.001 min
Response: 7908544
Conc: 43.14 ng/ml




#19 AR-1242-4

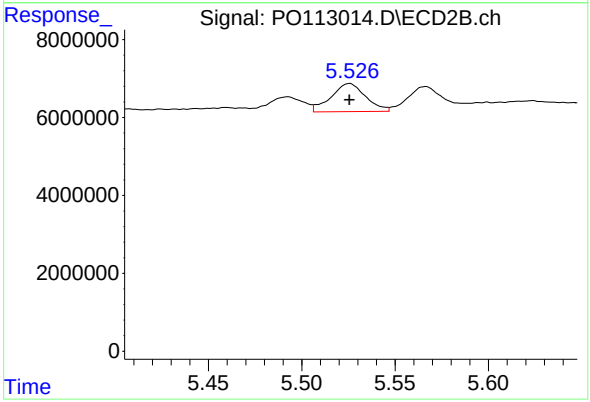
R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 6750995
Conc: 57.40 ng/ml




#20 AR-1242-5

R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 13303509
Conc: 63.49 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1242ICC050




#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 9290897
Conc: 59.88 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:18
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 3.663 | 3.655 | 36489191 | 23352844 | 4.388 | 4.616 |
| 2) | SA Decachlor... | 8.682 | 8.627 | 33466642 | 9234843 | 4.493 | 4.680 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.553 | 5.526 | 29721929 | 18540763 | 56.381 | 59.499 |
| 27) | L6 AR-1254-2 | 5.702 | 5.674 | 27777860 | 18801466 | 57.898 | 67.973 |
| 28) | L6 AR-1254-3 | 6.105 | 6.074 | 36941091 | 23286630 | 50.000 | 55.972 |
| 29) | L6 AR-1254-4 | 6.335 | 6.302 | 28558766 | 14228719 | 51.627 | 52.006 |
| 30) | L6 AR-1254-5 | 6.753 | 6.717 | 33818216 | 20038217 | 48.173 | 57.004 |

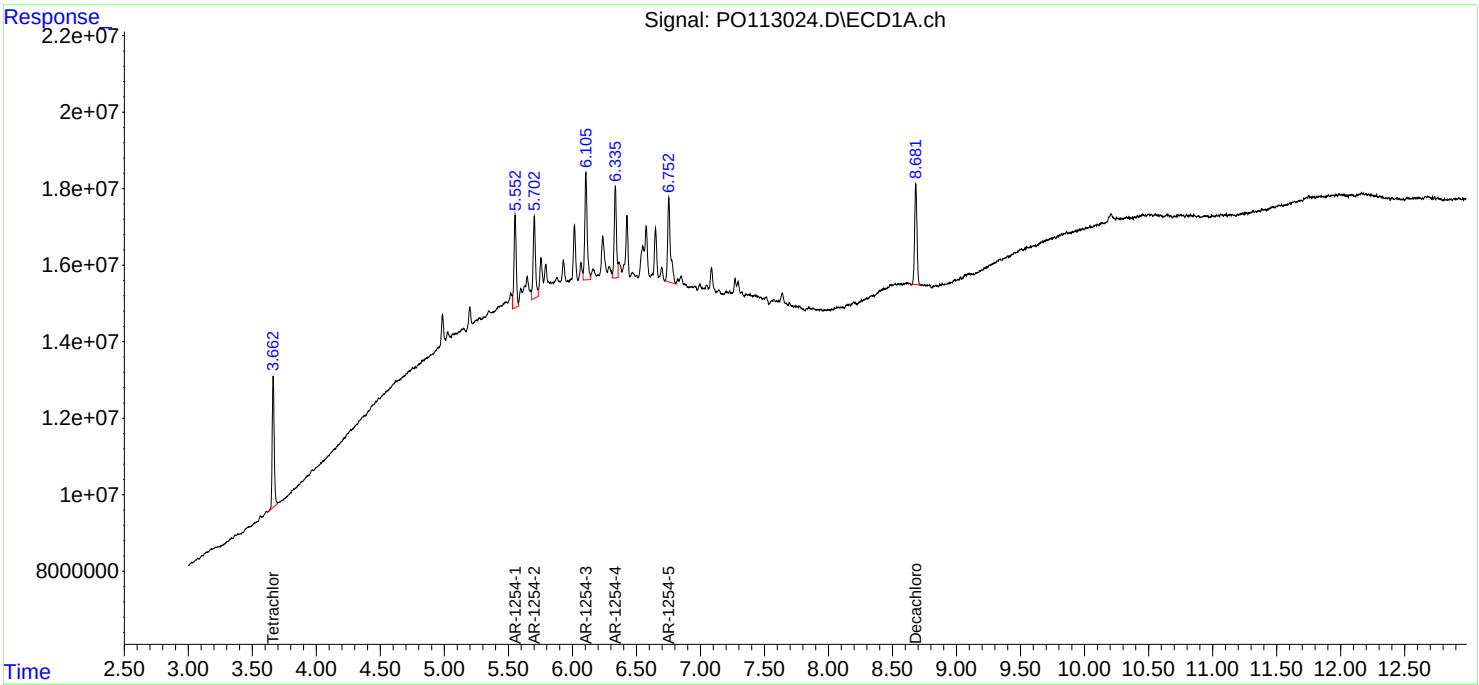
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

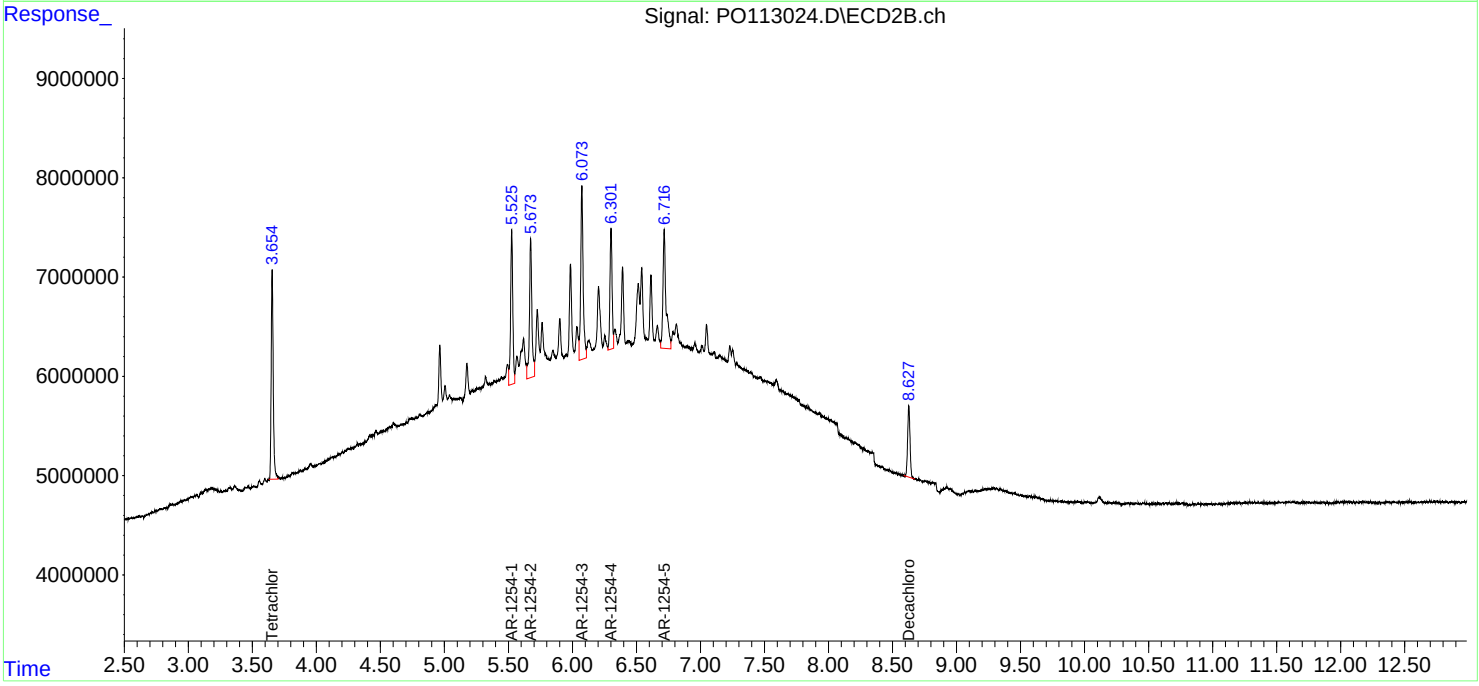
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:18
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

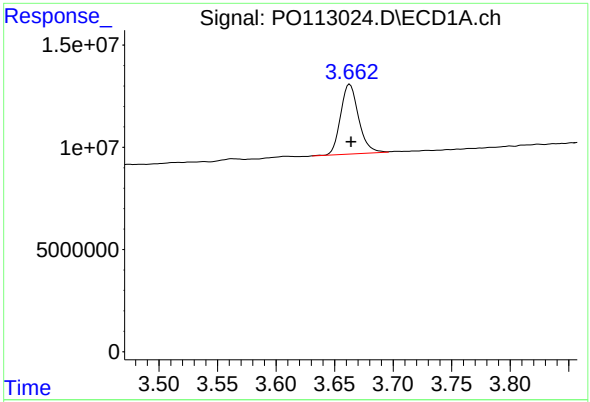
**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:27:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:25:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



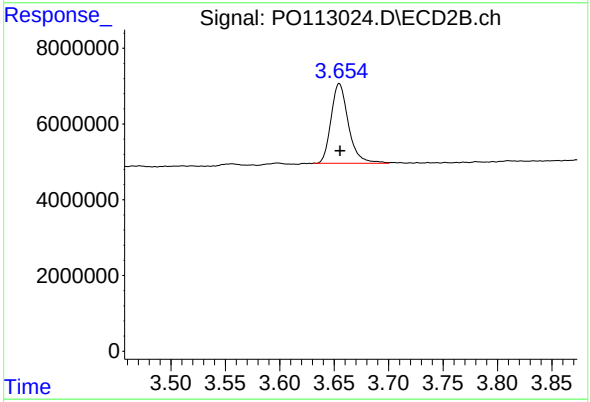






#1 Tetrachloro-m-xylene

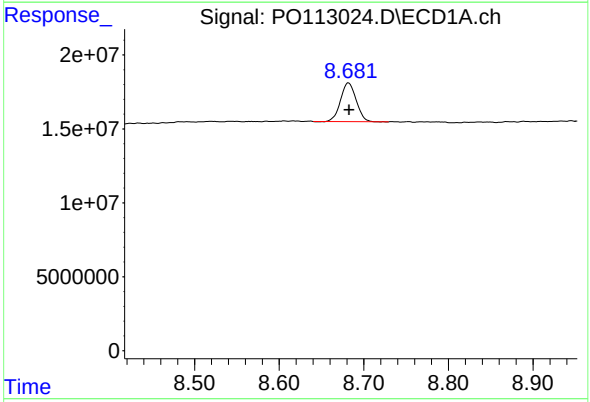
R.T.: 3.663 min
Delta R.T.: -0.001 min
Response: 36489191
Conc: 4.39 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC050



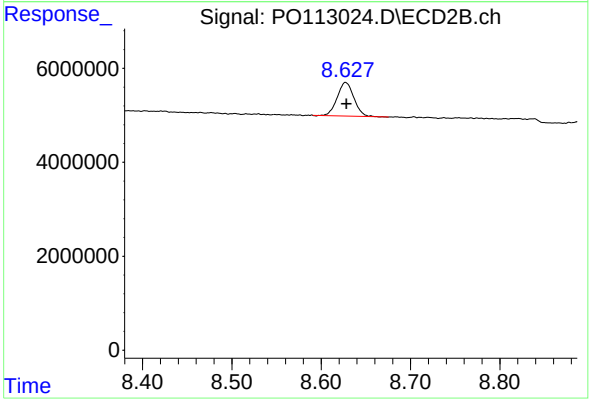

#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.000 min
Response: 23352844
Conc: 4.62 ng/ml



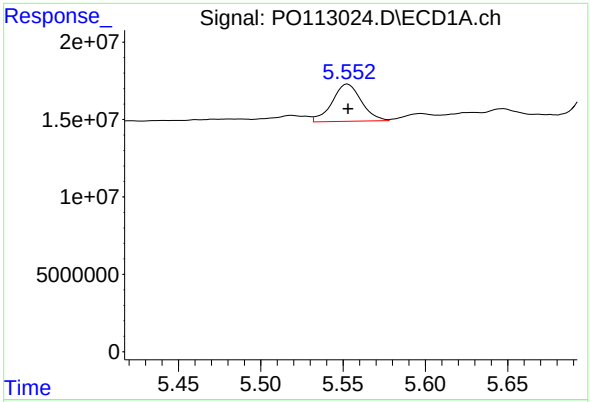

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 33466642
Conc: 4.49 ng/ml




#2 Decachlorobiphenyl

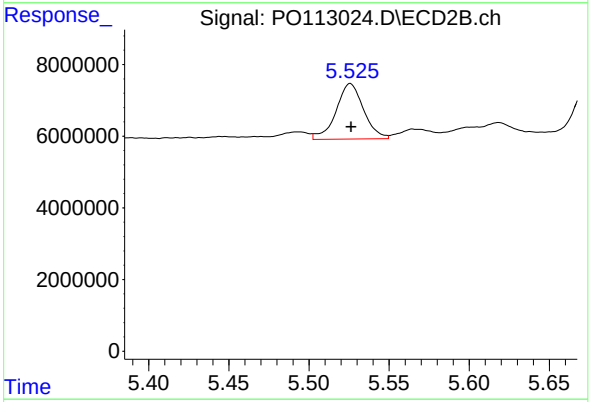
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 9234843
Conc: 4.68 ng/ml




#26 AR-1254-1

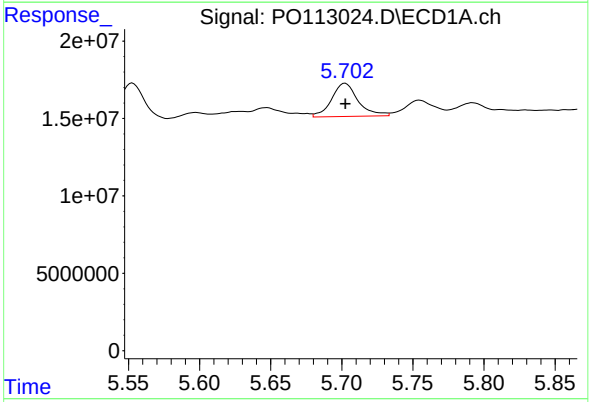
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 29721929
Conc: 56.38 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC050



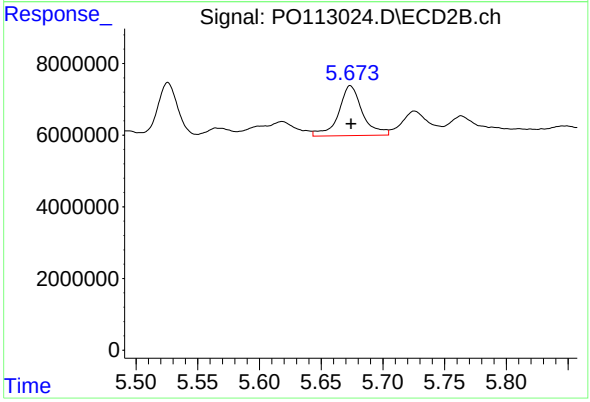

#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 18540763
Conc: 59.50 ng/ml



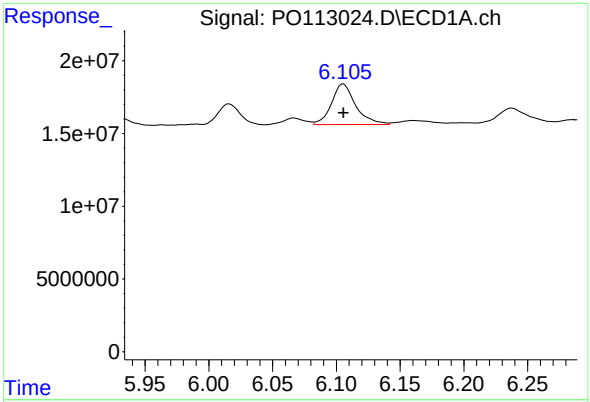

#27 AR-1254-2

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 27777860
Conc: 57.90 ng/ml




#27 AR-1254-2

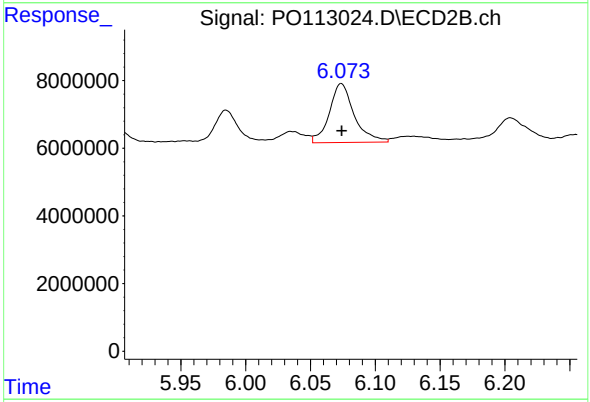
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 18801466
Conc: 67.97 ng/ml




#28 AR-1254-3

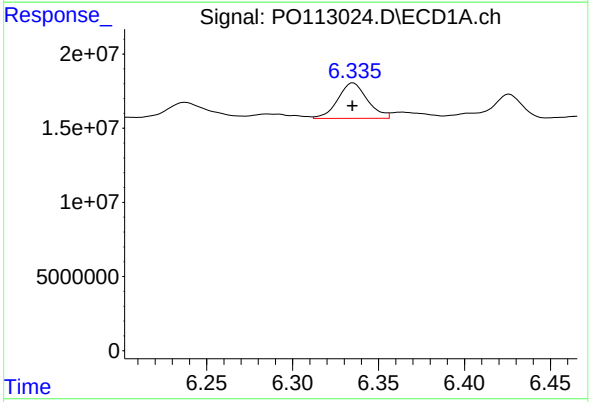
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 36941091
Conc: 50.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC050



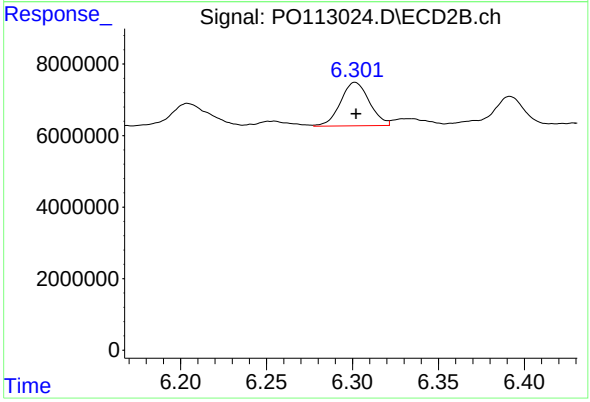

#28 AR-1254-3

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 23286630
Conc: 55.97 ng/ml



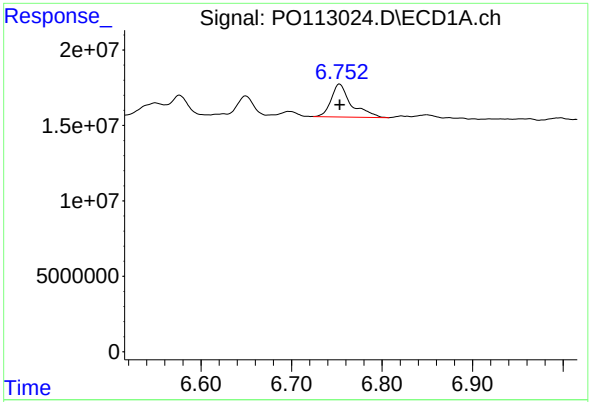

#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 28558766
Conc: 51.63 ng/ml




#29 AR-1254-4

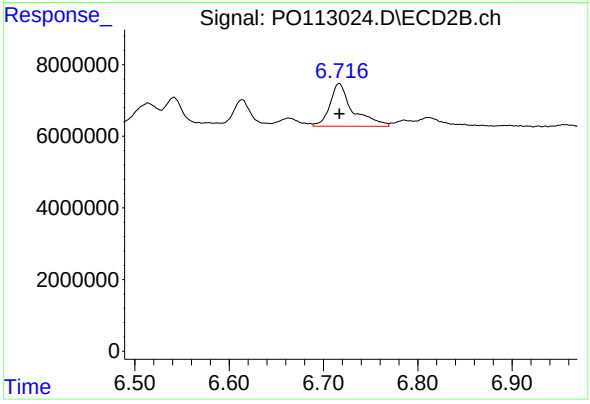
R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 14228719
Conc: 52.01 ng/ml




#30 AR-1254-5

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 33818216
Conc: 48.17 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254ICC050




#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 20038217
Conc: 57.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:24
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:50:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 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... | 3.663 | 3.656 | 32740210 | 20644764 | 3.862 | 4.031 |
| 2) | SA Decachlor... | 8.681 | 8.627 | 55179728 | 14960600 | 3.963 | 4.165 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.575 | 7.535 | 71207184 | 23057642 | 39.474 | 43.554 |
| 42) | L9 AR-1268-2 | 7.641 | 7.600 | 60309550 | 18942723 | 39.752 | 43.882 |
| 43) | L9 AR-1268-3 | 7.845 | 7.803 | 49529084 | 14865130 | 38.977 | 43.790 |
| 44) | L9 AR-1268-4 | 8.136 | 8.091 | 18929121 | 5337454 | 39.711 | 43.364 |
| 45) | L9 AR-1268-5 | 8.426 | 8.378 | 127.1E6 | 35694241 | 37.916 | 43.922 |

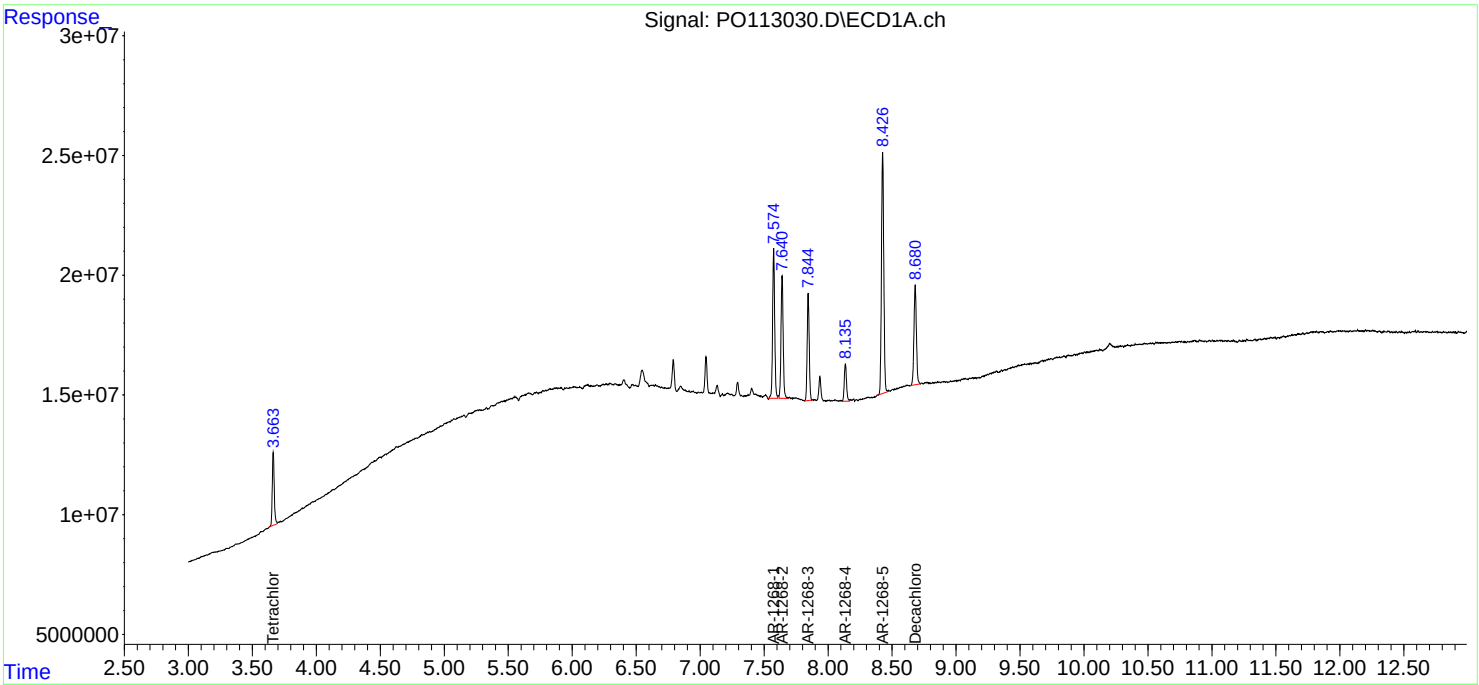
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

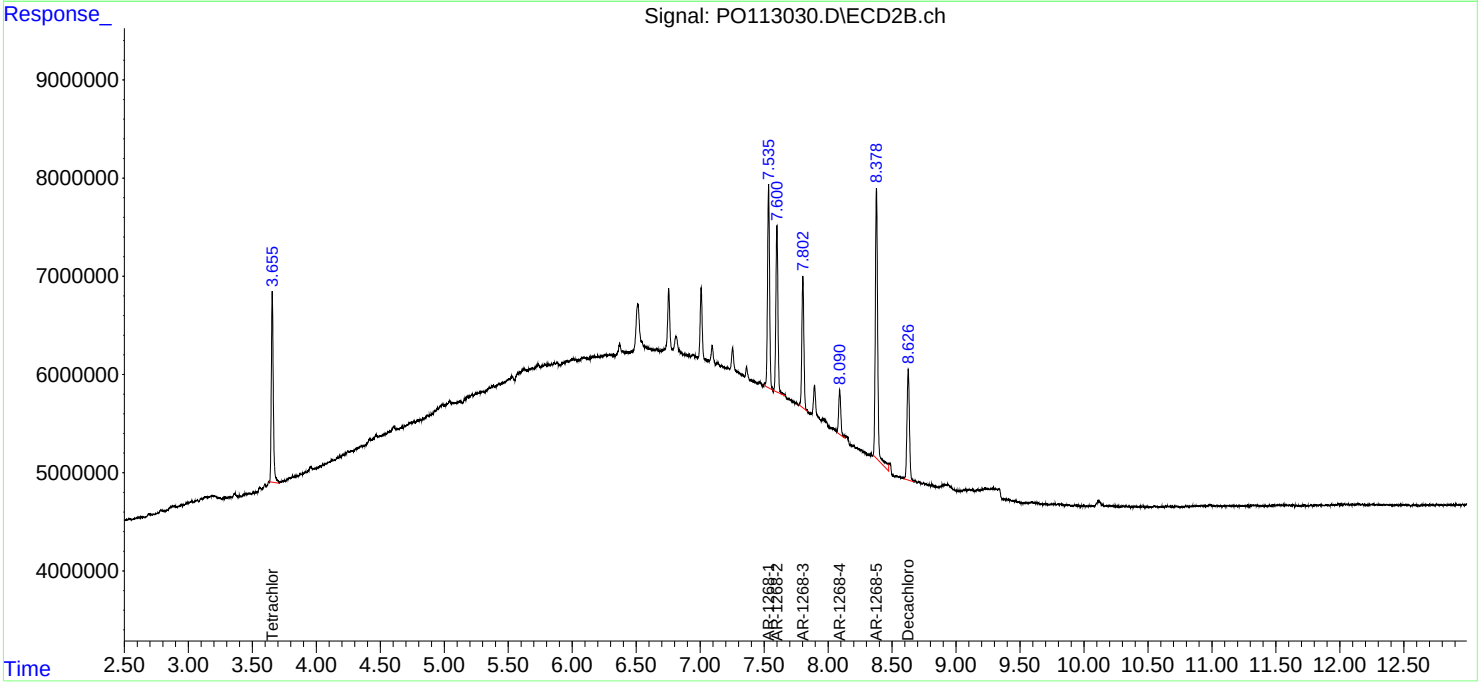
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:24
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

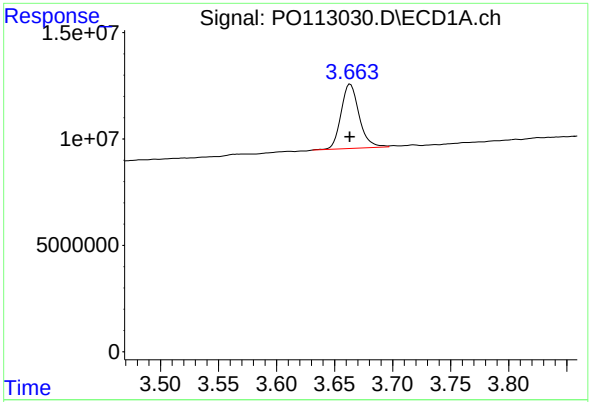
**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:50:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:48:08 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



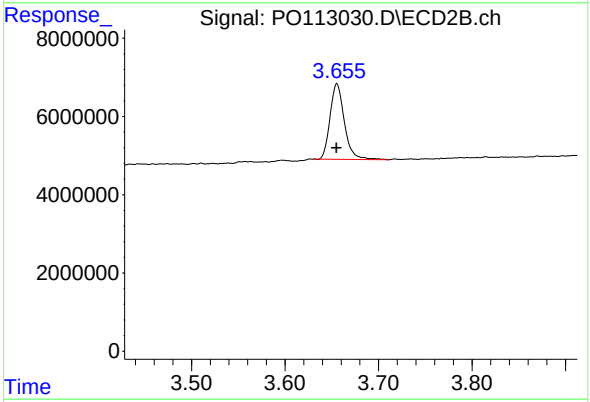






#1 Tetrachloro-m-xylene

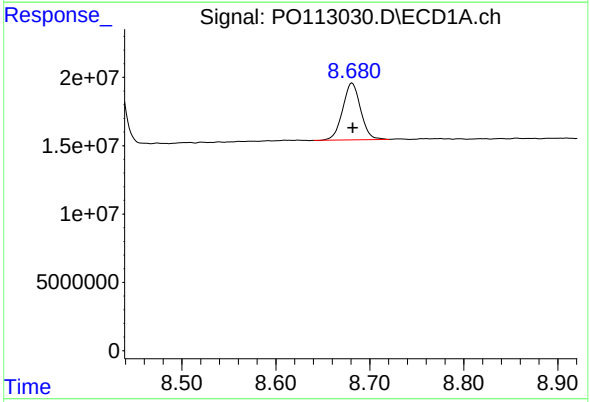
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 32740210
Conc: 3.86 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC050



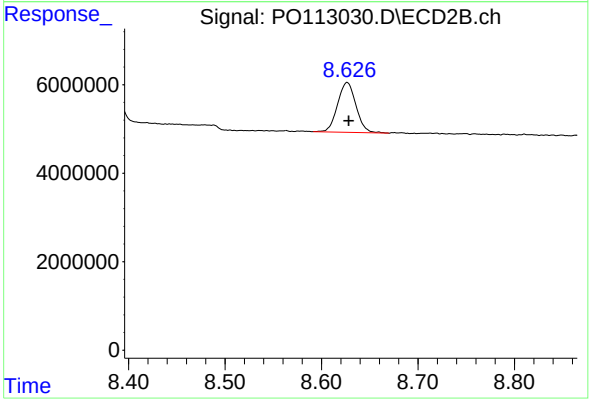

#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 20644764
Conc: 4.03 ng/ml



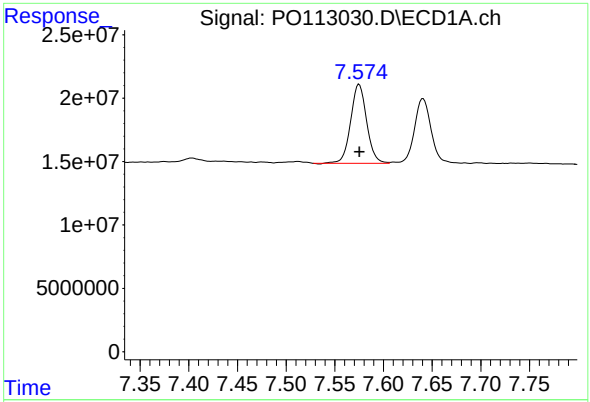

#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 55179728
Conc: 3.96 ng/ml




#2 Decachlorobiphenyl

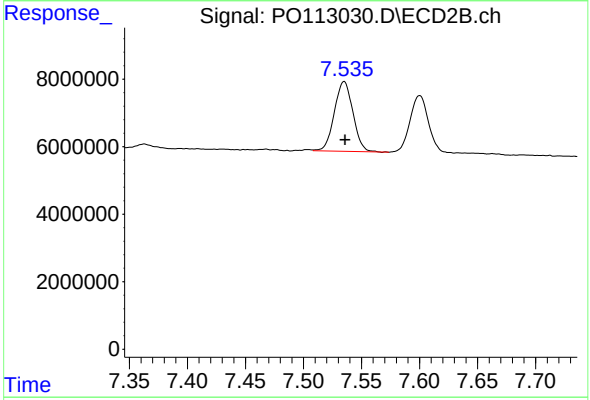
R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 14960600
Conc: 4.16 ng/ml




#41 AR-1268-1

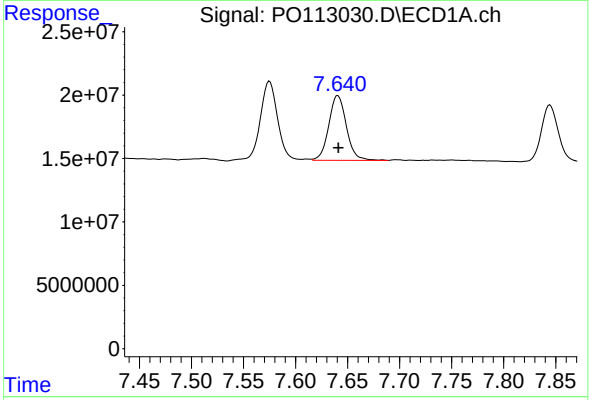
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 71207184
Conc: 39.47 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC050



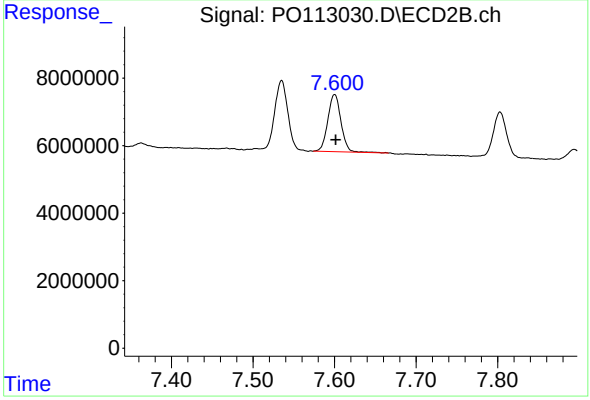

#41 AR-1268-1

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 23057642
Conc: 43.55 ng/ml



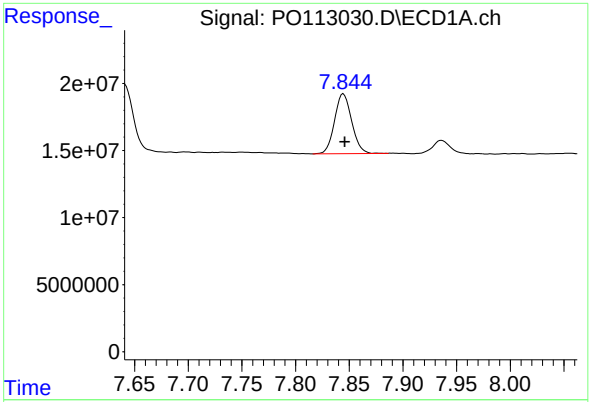

#42 AR-1268-2

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 60309550
Conc: 39.75 ng/ml




#42 AR-1268-2

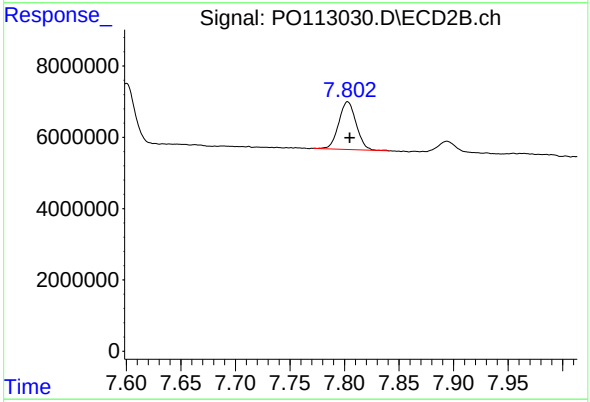
R.T.: 7.600 min
Delta R.T.: -0.001 min
Response: 18942723
Conc: 43.88 ng/ml




#43 AR-1268-3

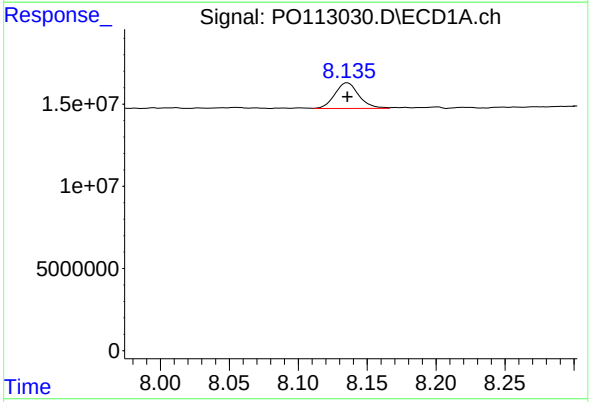
R.T.: 7.845 min
Delta R.T.: -0.001 min
Response: 49529084
Conc: 38.98 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC050



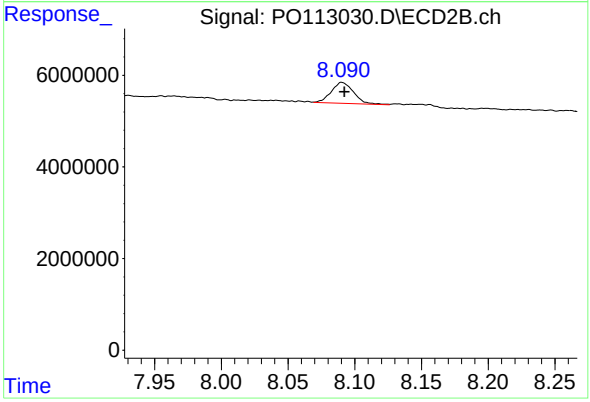

#43 AR-1268-3

R.T.: 7.803 min
Delta R.T.: -0.002 min
Response: 14865130
Conc: 43.79 ng/ml



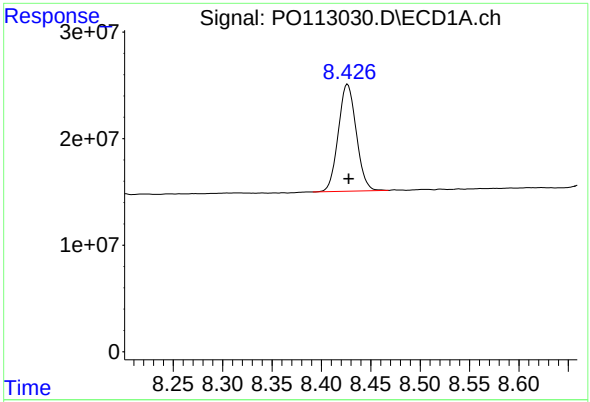

#44 AR-1268-4

R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 18929121
Conc: 39.71 ng/ml




#44 AR-1268-4

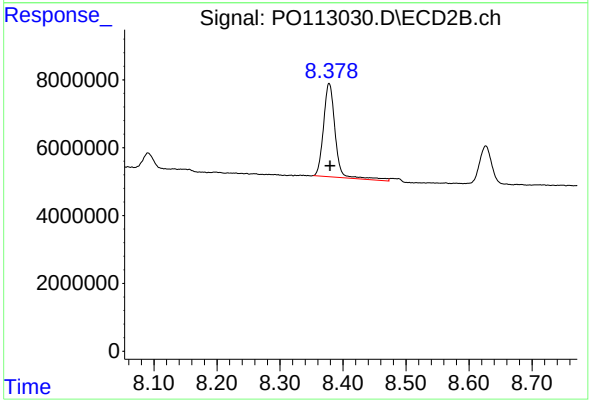
R.T.: 8.091 min
Delta R.T.: -0.002 min
Response: 5337454
Conc: 43.36 ng/ml




#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.001 min
Response: 127075085
Conc: 37.92 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1268ICC050




#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: -0.001 min
Response: 35694241
Conc: 43.92 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 21:07
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:57:38 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... | 3.664 | 3.656 | 429.5E6 | 261.1E6 | 52.886 | 52.521 |
| 2) | SA Decachlor... | 8.682 | 8.627 | 678.8E6 | 177.0E6 | 51.133 | 51.189 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 7.577 | 7.537 | 888.4E6 | 255.4E6 | 516.244 | 501.241 |
| 42) | L9 AR-1268-2 | 7.642 | 7.602 | 745.6E6 | 207.2E6 | 514.846 | 498.702 |
| 43) | L9 AR-1268-3 | 7.846 | 7.805 | 631.0E6 | 163.1E6 | 523.061 | 499.640 |
| 44) | L9 AR-1268-4 | 8.137 | 8.092 | 241.9E6 | 62721591 | 525.077 | 520.802 |
| 45) | L9 AR-1268-5 | 8.429 | 8.379 | 1632.4E6 | 398.5E6 | 511.965 | 510.291 |

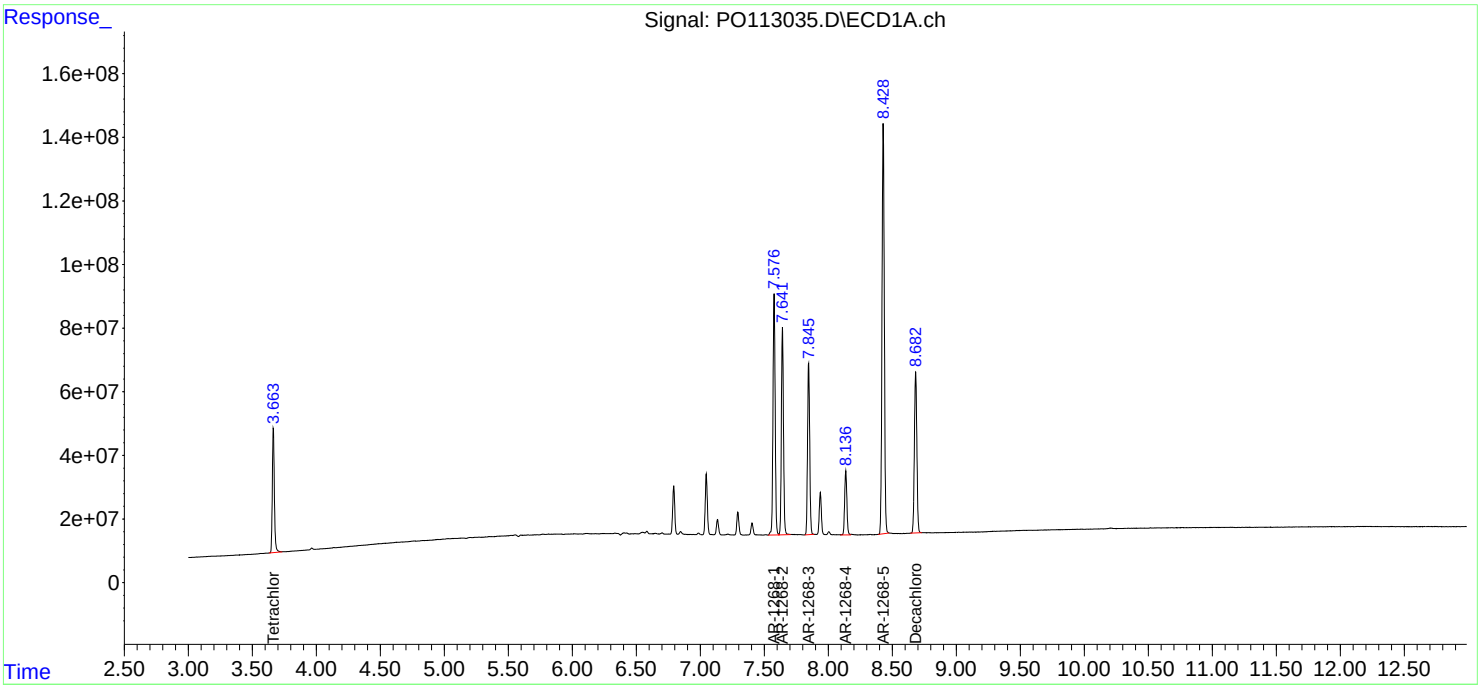
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

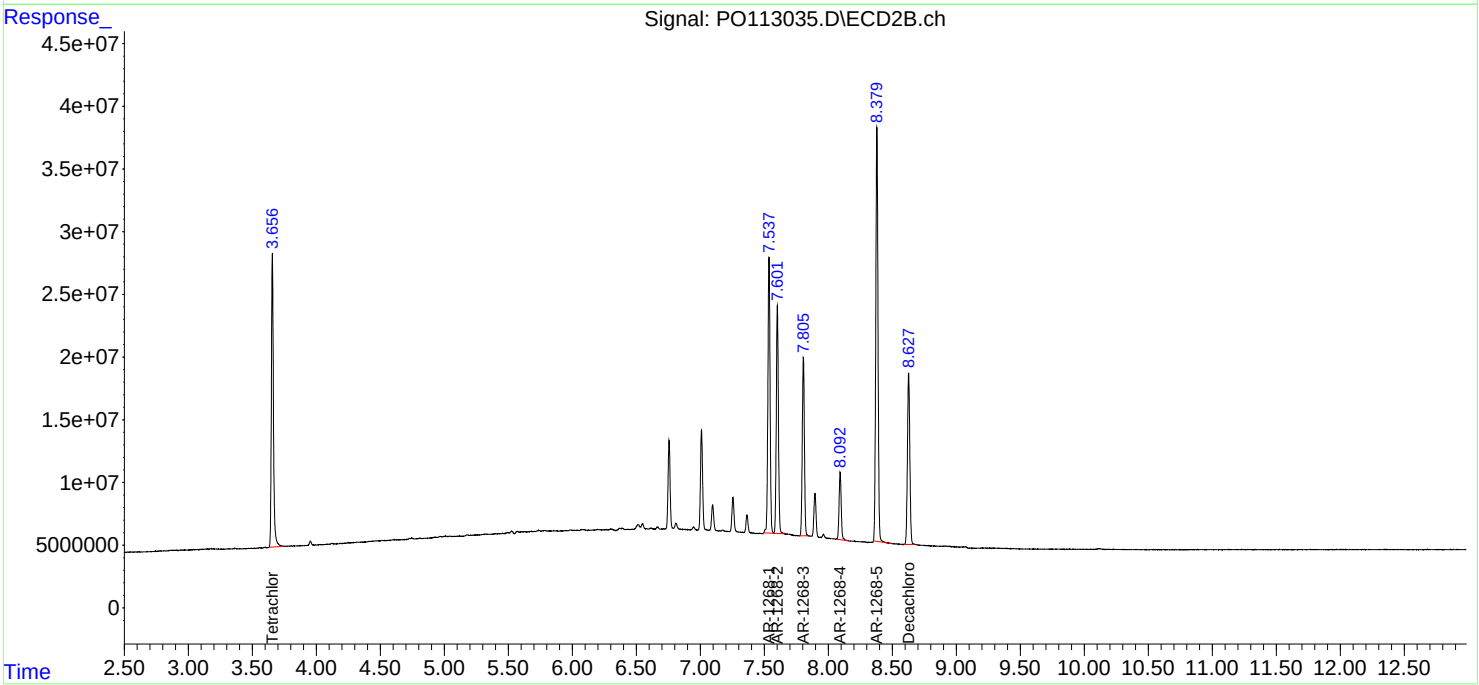
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081825\
Data File : PO113035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 21:07
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

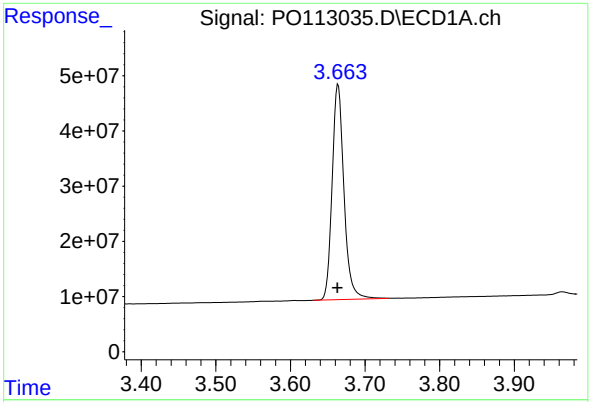
**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 05:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 05:57:38 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



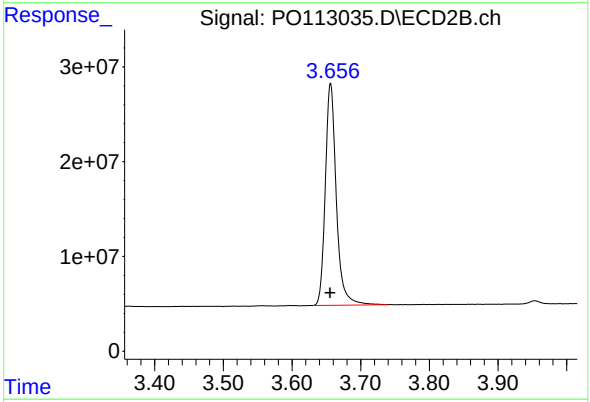






#1 Tetrachloro-m-xylene

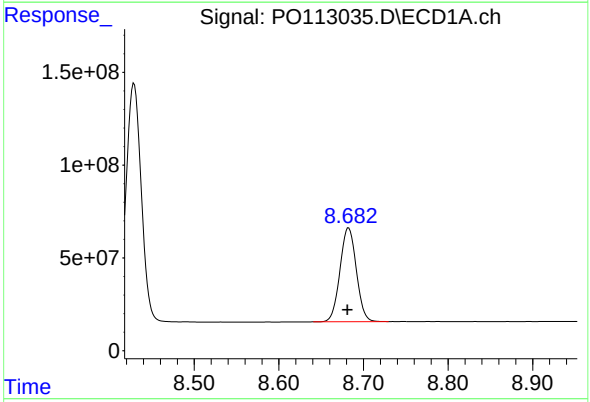
R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 429465520
Conc: 52.89 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1268



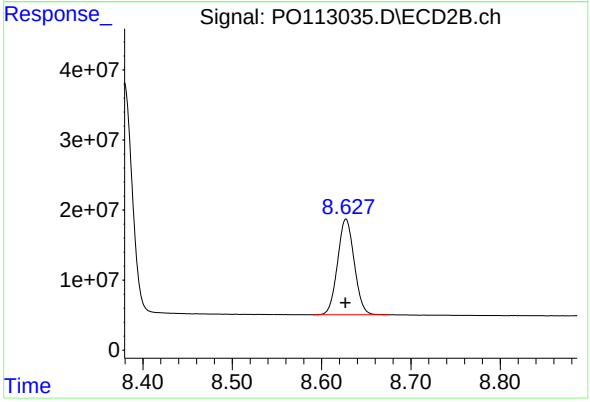

#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 261070028
Conc: 52.52 ng/ml



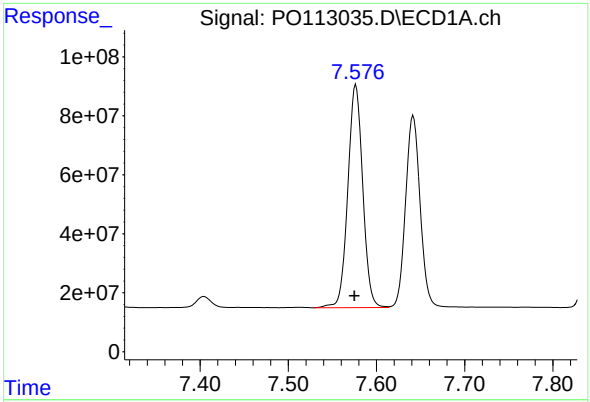

#2 Decachlorobiphenyl

R.T.: 8.682 min
Delta R.T.: 0.001 min
Response: 678789328
Conc: 51.13 ng/ml




#2 Decachlorobiphenyl

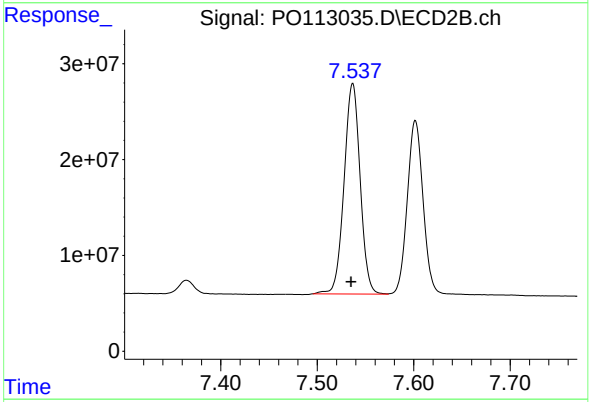
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 176997340
Conc: 51.19 ng/ml




#41 AR-1268-1

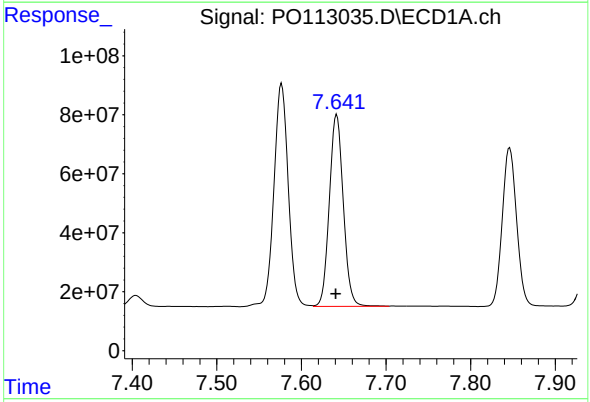
R.T.: 7.577 min
Delta R.T.: 0.002 min
Response: 888399269
Conc: 516.24 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1268



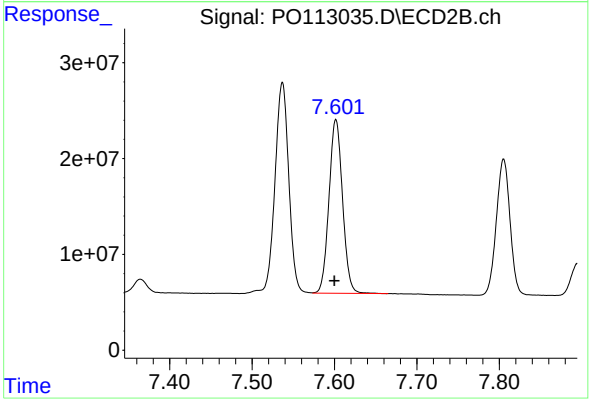

#41 AR-1268-1

R.T.: 7.537 min
Delta R.T.: 0.002 min
Response: 255364211
Conc: 501.24 ng/ml



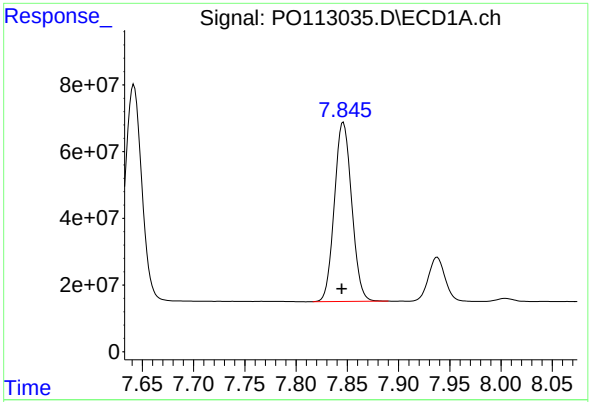

#42 AR-1268-2

R.T.: 7.642 min
Delta R.T.: 0.001 min
Response: 745572427
Conc: 514.85 ng/ml




#42 AR-1268-2

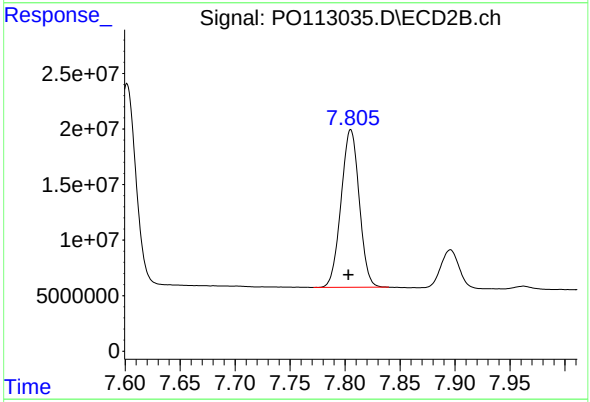
R.T.: 7.602 min
Delta R.T.: 0.002 min
Response: 207162005
Conc: 498.70 ng/ml




#43 AR-1268-3

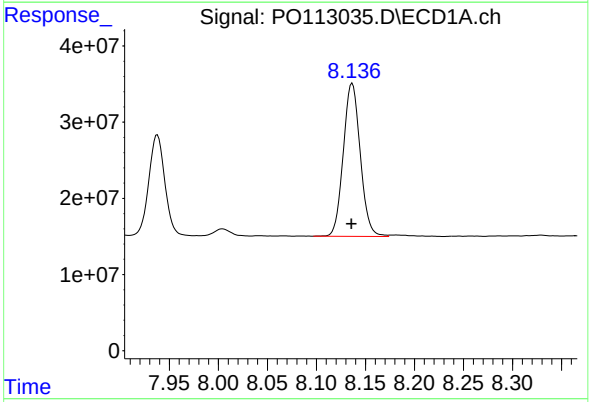
R.T.: 7.846 min
Delta R.T.: 0.002 min
Response: 630976194
Conc: 523.06 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1268



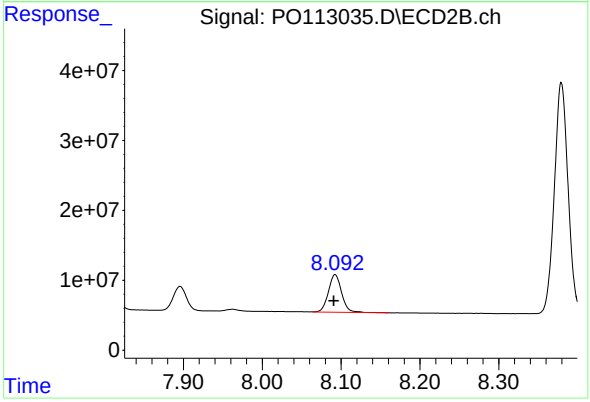

#43 AR-1268-3

R.T.: 7.805 min
Delta R.T.: 0.002 min
Response: 163136992
Conc: 499.64 ng/ml



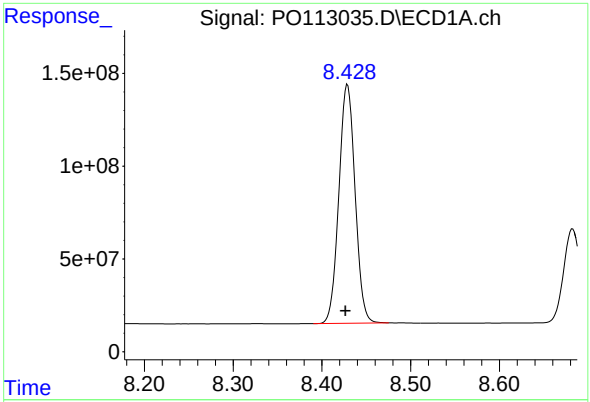

#44 AR-1268-4

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 241884018
Conc: 525.08 ng/ml




#44 AR-1268-4

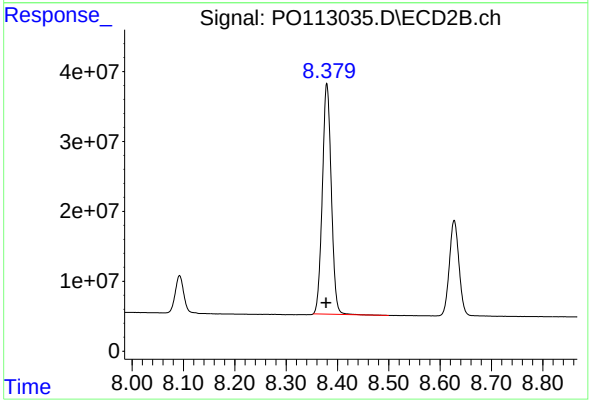
R.T.: 8.092 min
Delta R.T.: 0.002 min
Response: 62721591
Conc: 520.80 ng/ml




#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: 0.002 min
Response: 1632354575
Conc: 511.96 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
ICVPO081825AR1268




#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: 0.002 min
Response: 398515524
Conc: 510.29 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 18:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:34:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.659 | 3.652 | 462.0E6 | 273.5E6 | 56.435 | 54.052 | |
| 2) | SA Decachlor... | 8.674 | 8.622 | 327.7E6 | 101.1E6 | 47.279 | 53.332 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 4.742 | 4.725 | 149.8E6 | 91343543 | 561.169 | 535.508 | |
| 4) | L1 AR-1016-2 | 4.760 | 4.743 | 227.8E6 | 135.2E6 | 567.371 | 524.856 | |
| 5) | L1 AR-1016-3 | 4.817 | 4.918 | 143.8E6 | 70947214 | 564.019 | 508.166 | |
| 6) | L1 AR-1016-4 | 4.937 | 4.960 | 100.7E6 | 57526704 | 461.916 | 492.950 | |
| 7) | L1 AR-1016-5 | 5.194 | 5.172 | 125.1E6 | 78252607 | 564.470 | 549.026 | |
| 8) | L2 AR-1221-1 | 3.868 | 3.859 | 13161775 | 9469807 | 140.657 | 150.026 | |
| 9) | L2 AR-1221-2 | 3.956 | 3.946 | 18011279 | 14093823 | 266.634 | 301.968 | |
| 10) | L2 AR-1221-3 | 4.030 | 4.020 | 73946356 | 51383710 | 334.068 | 346.077 | |
| 11) | L3 AR-1232-1 | 4.030 | 4.020 | 73946356 | 51383710 | 424.963 | 437.671 | |
| 12) | L3 AR-1232-2 | 4.521 | 4.743 | 112.7E6 | 135.2E6 | 1128.884 | 1103.531 | |
| 13) | L3 AR-1232-3 | 4.760 | 4.918 | 227.8E6 | 70947214 | 1202.058 | 1120.002 | |
| 14) | L3 AR-1232-4 | 4.937 | 5.002 | 100.7E6 | 69921176 | 1069.658 | 1243.680 | |
| 15) | L3 AR-1232-5 | 4.980 | 5.172 | 79974727 | 78252607 | 1291.103 | 1307.183 | |
| 16) | L4 AR-1242-1 | 4.742 | 4.725 | 149.8E6 | 91343543 | 651.600 | 632.116 | |
| 17) | L4 AR-1242-2 | 4.760 | 4.743 | 227.8E6 | 135.2E6 | 662.817 | 623.445 | |
| 18) | L4 AR-1242-3 | 4.817 | 4.918 | 143.8E6 | 70947214 | 648.255 | 606.572 | |
| 19) | L4 AR-1242-4 | 4.937 | 5.002 | 100.7E6 | 69921176 | 580.697 | 594.379 | |
| 20) | L4 AR-1242-5 | 5.588 | 5.521 | 35319934 | 76509193 | 176.456 | 513.027 | # |
| 21) | L5 AR-1248-1 | 4.742 | 4.725 | 149.8E6 | 91343543 | 858.754 | 819.138 | |
| 22) | L5 AR-1248-2 | 4.980 | 4.960 | 79974727 | 57526704 | 330.658 | 357.978 | |
| 23) | L5 AR-1248-3 | 5.194 | 5.002 | 125.1E6 | 69921176 | 392.337 | 412.124 | |
| 24) | L5 AR-1248-4 | 5.546 | 5.172 | 134.6E6 | 78252607 | 269.318 | 392.795 | # |
| 25) | L5 AR-1248-5 | 5.588 | 5.561 | 35319934 | 21592784 | 103.428 | 101.711 | |
| 26) | L6 AR-1254-1 | 5.546 | 5.521 | 134.6E6 | 76509193 | 249.181 | 242.614 | |
| 27) | L6 AR-1254-2 | 5.695 | 5.669 | 100.4E6 | 55617946 | 203.454 | 198.395 | |
| 28) | L6 AR-1254-3 | 6.115 | 6.084 | 185.6E6 | 94490125 | 251.198 | 226.637 | |
| 29) | L6 AR-1254-4 | 6.325 | 6.295 | 23762424 | 9428806 | 42.661 | 34.307 | |
| 30) | L6 AR-1254-5 | 6.745 | 6.712 | 329.1E6 | 141.9E6 | 469.463 | 396.888 | |
| 31) | L7 AR-1260-1 | 6.229 | 6.199 | 252.0E6 | 120.6E6 | 565.000 | 472.911 | |
| 32) | L7 AR-1260-2 | 6.419 | 6.388 | 383.9E6 | 159.8E6 | 559.006 | 462.222 | |
| 33) | L7 AR-1260-3 | 6.785 | 6.539 | 323.4E6 | 128.8E6 | 523.801 | 432.878 | |
| 34) | L7 AR-1260-4 | 7.044 | 7.008 | 228.2E6 | 90912792 | 509.480 | 438.663 | |
| 35) | L7 AR-1260-5 | 7.288 | 7.250 | 612.7E6 | 203.2E6 | 506.113 | 433.855 | |
| 36) | L8 AR-1262-1 | 6.785 | 6.750 | 323.4E6 | 132.9E6 | 353.184 | 320.426 | |
| 37) | L8 AR-1262-2 | 7.288 | 7.250 | 612.7E6 | 203.2E6 | 405.212 | 392.586 | |
| 38) | L8 AR-1262-3 | 7.570 | 7.531 | 128.6E6 | 40480804 | 232.133 | 225.406 | |
| 39) | L8 AR-1262-4 | 7.633 | 7.594 | 378.7E6 | 116.0E6 | 387.210 | 400.085 | |
| 40) | L8 AR-1262-5 | 8.130 | 8.088 | 128.1E6 | 36458236 | 307.277 | 336.544 | |
| 41) | L9 AR-1268-1 | 7.570 | 7.531 | 128.6E6 | 40480804 | 74.744 | 79.458 | |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 18:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:34:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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 |
|---|---|---|---|---|---|---|---|
| 42) L9 | AR-1268-2 | 7.633 | 7.594 | 378.7E6 | 116.0E6 | 261.492 | 279.211 |
| 43) L9 | AR-1268-3 | 7.841 | 7.797 | 5638458 | 1687215 | 4.674 | 5.167 |
| 44) L9 | AR-1268-4 | 8.130 | 8.088 | 128.1E6 | 36458236 | 278.071 | 302.727 |
| 45) L9 | AR-1268-5 | 8.422 | 8.374 | 31611135 | 8884181 | 9.914 | 11.376 |

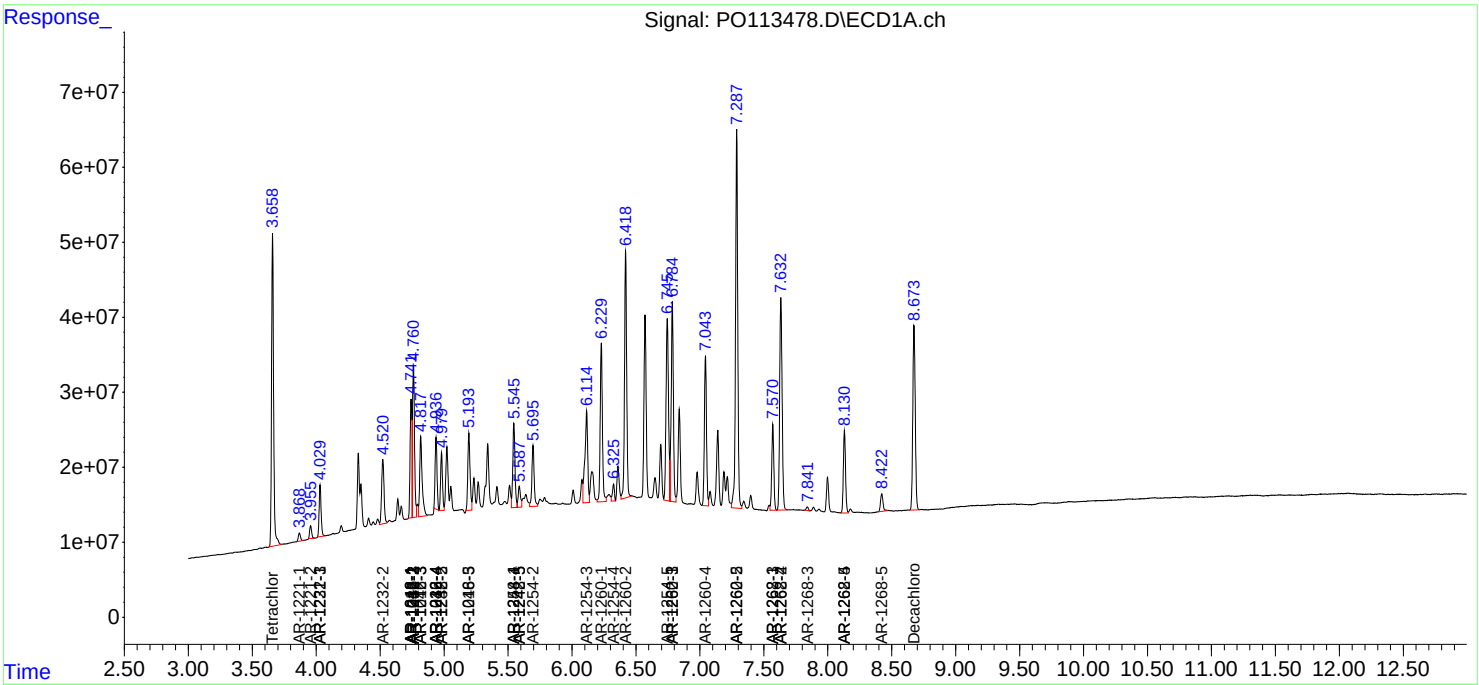
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

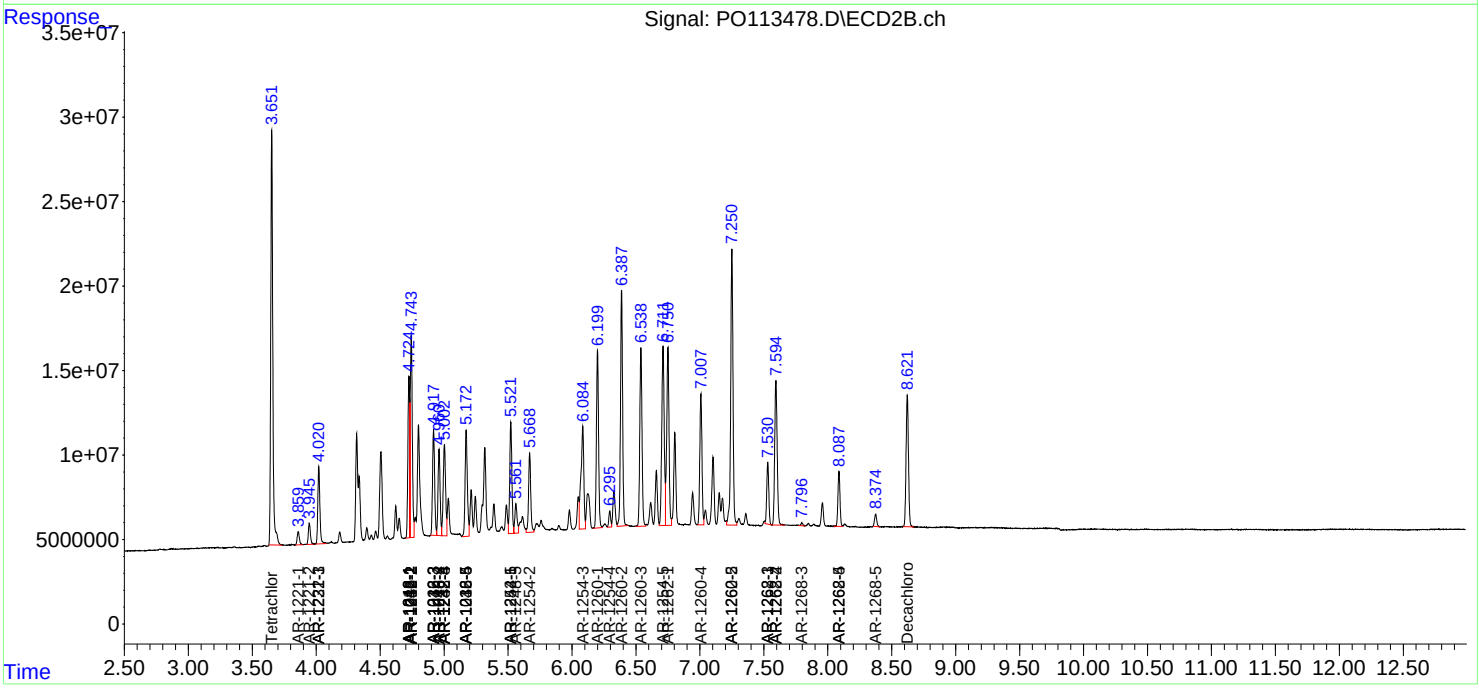
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 18:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

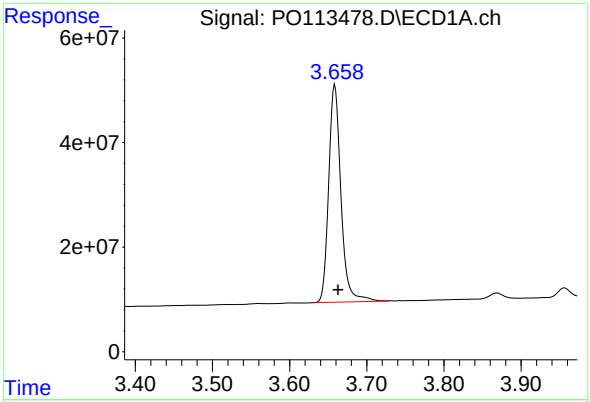
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:34:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



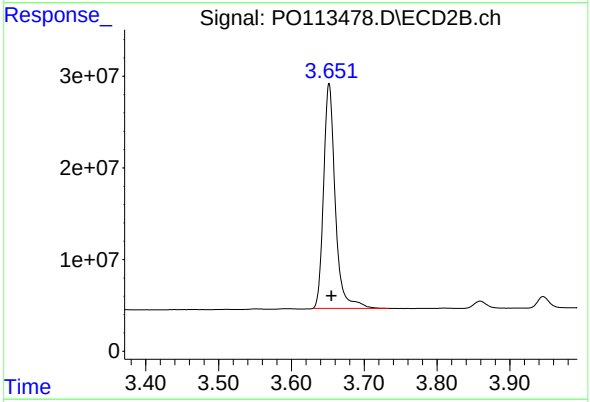






#1 Tetrachloro-m-xylene

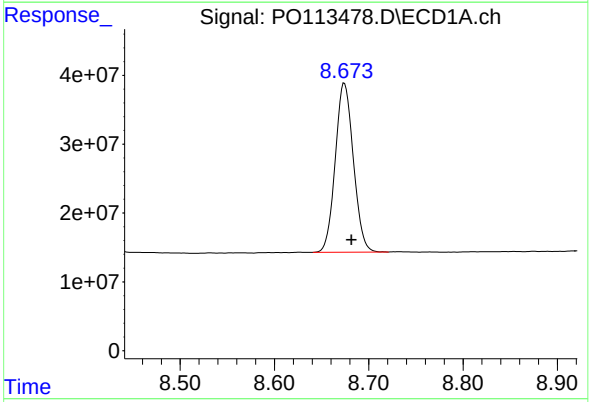
R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 462010268
Conc: 56.44 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



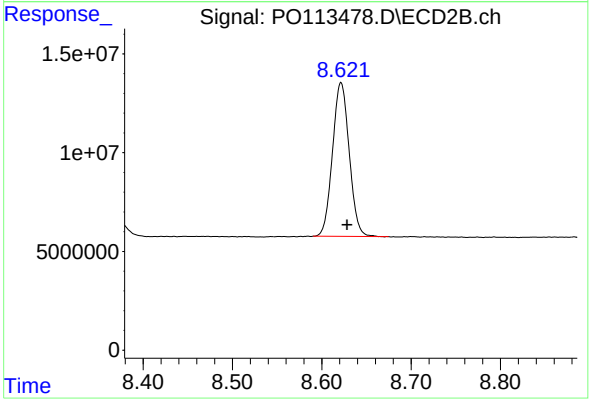

#1 Tetrachloro-m-xylene

R.T.: 3.652 min
Delta R.T.: -0.003 min
Response: 273540757
Conc: 54.05 ng/ml



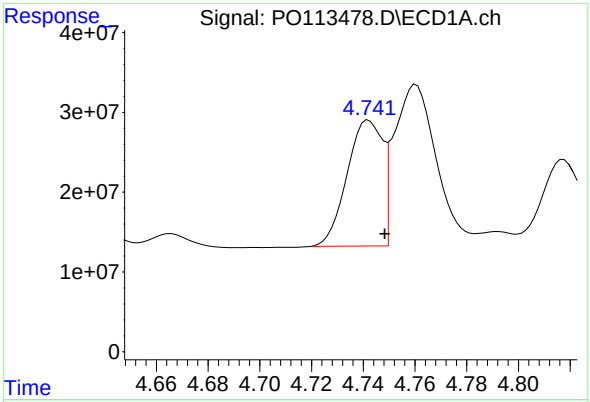

#2 Decachlorobiphenyl

R.T.: 8.674 min
Delta R.T.: -0.007 min
Response: 327710833
Conc: 47.28 ng/ml




#2 Decachlorobiphenyl

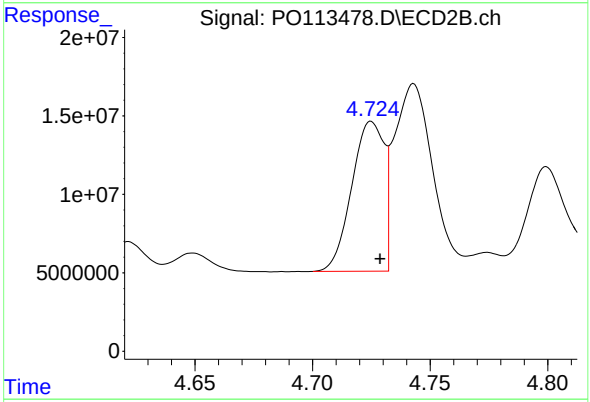
R.T.: 8.622 min
Delta R.T.: -0.007 min
Response: 101057038
Conc: 53.33 ng/ml




#3 AR-1016-1

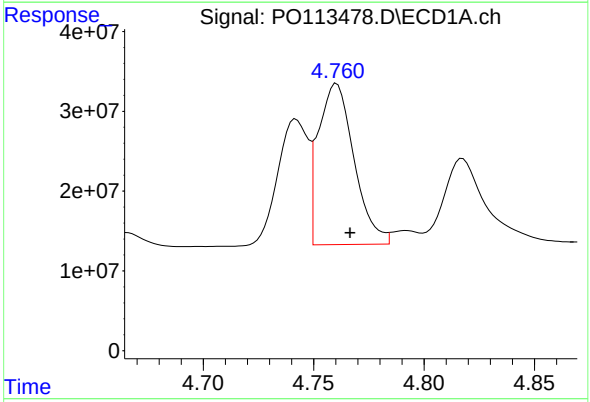
R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 149823670
Conc: 561.17 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



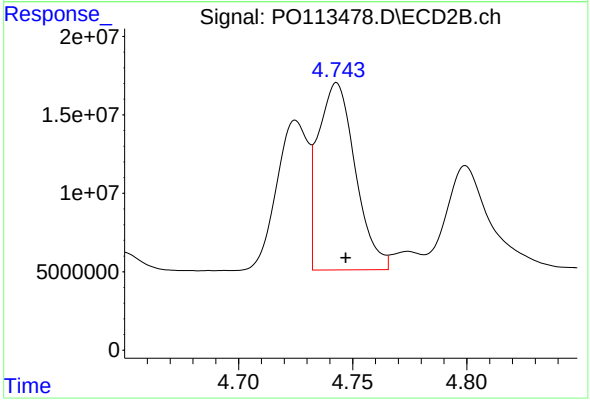

#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: -0.004 min
Response: 91343543
Conc: 535.51 ng/ml



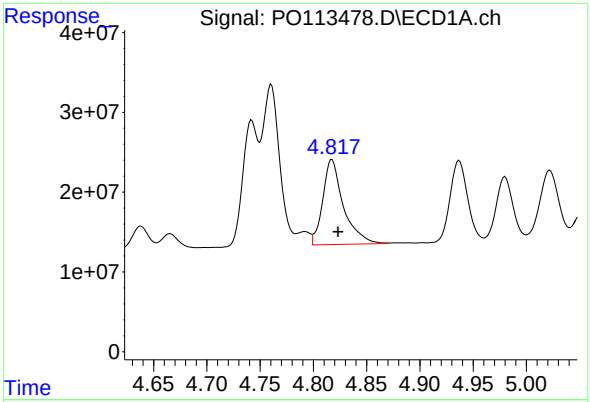

#4 AR-1016-2

R.T.: 4.760 min
Delta R.T.: -0.006 min
Response: 227760534
Conc: 567.37 ng/ml




#4 AR-1016-2

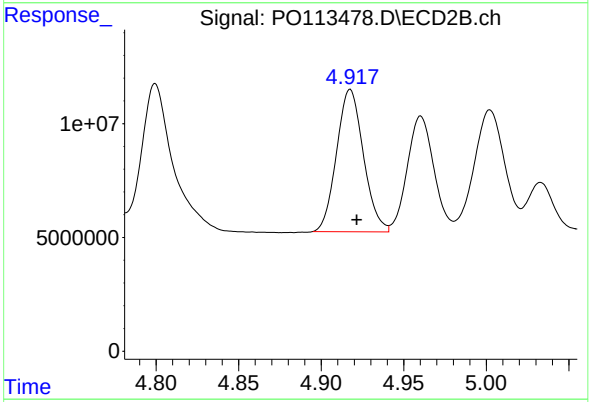
R.T.: 4.743 min
Delta R.T.: -0.004 min
Response: 135232267
Conc: 524.86 ng/ml




#5 AR-1016-3

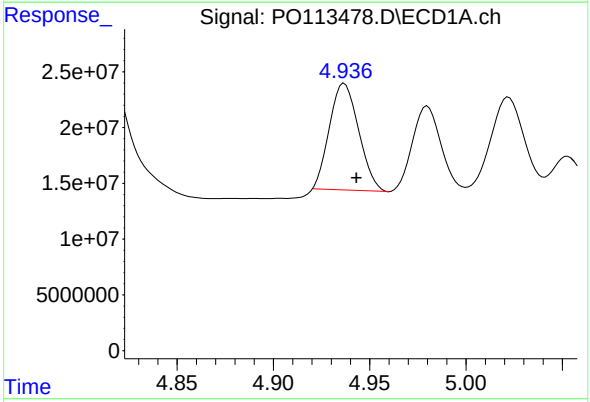
R.T.: 4.817 min
Delta R.T.: -0.006 min
Response: 143837457
Conc: 564.02 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



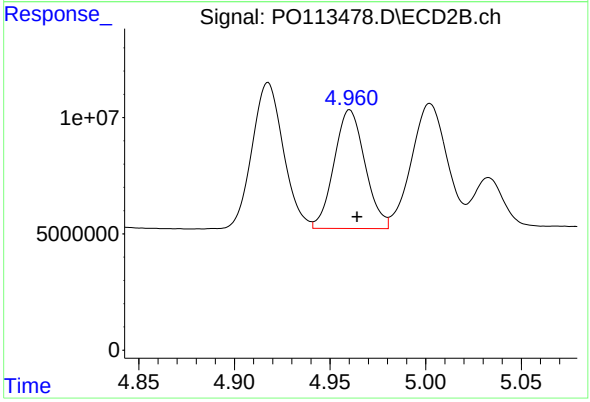

#5 AR-1016-3

R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 70947214
Conc: 508.17 ng/ml



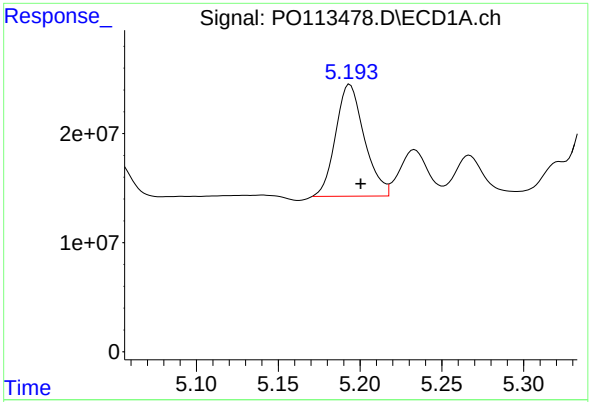

#6 AR-1016-4

R.T.: 4.937 min
Delta R.T.: -0.006 min
Response: 100729185
Conc: 461.92 ng/ml




#6 AR-1016-4

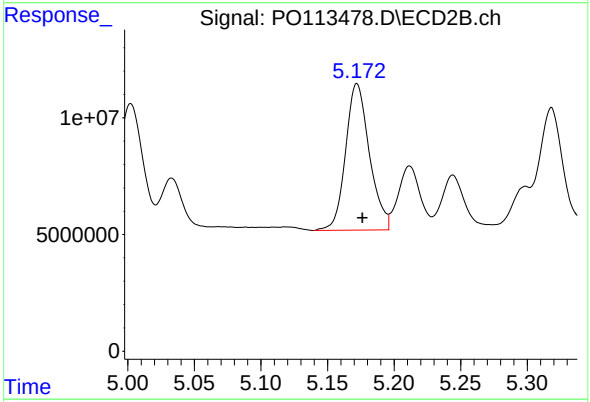
R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 57526704
Conc: 492.95 ng/ml




#7 AR-1016-5

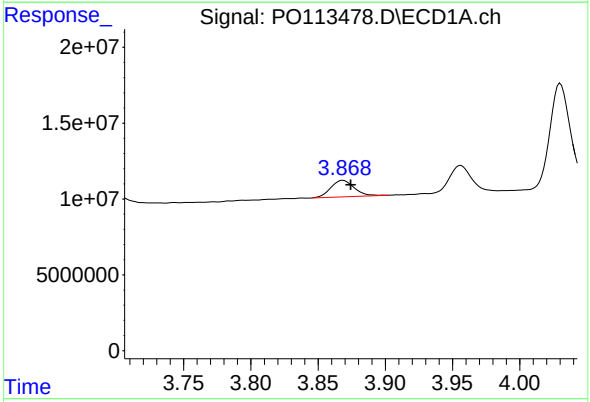
R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 125102223
Conc: 564.47 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



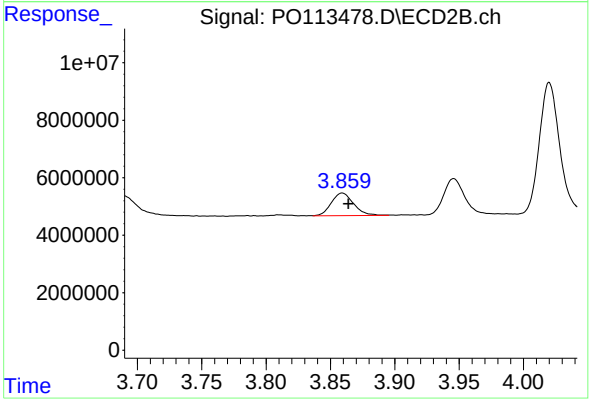

#7 AR-1016-5

R.T.: 5.172 min
Delta R.T.: -0.004 min
Response: 78252607
Conc: 549.03 ng/ml



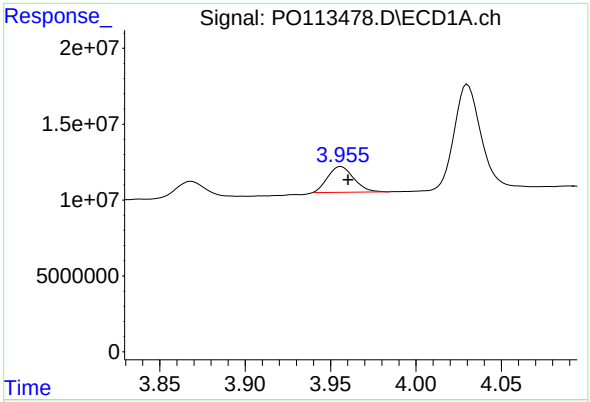

#8 AR-1221-1

R.T.: 3.868 min
Delta R.T.: -0.006 min
Response: 13161775
Conc: 140.66 ng/ml




#8 AR-1221-1

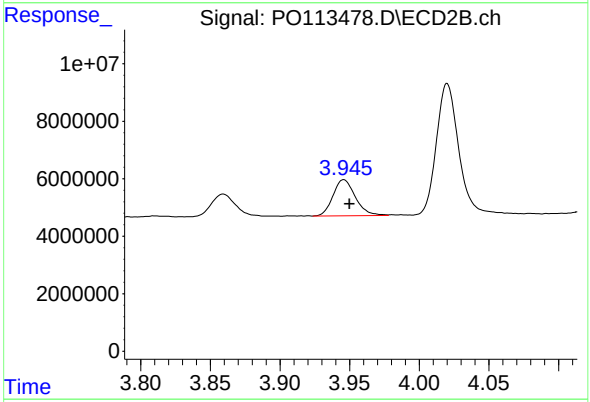
R.T.: 3.859 min
Delta R.T.: -0.005 min
Response: 9469807
Conc: 150.03 ng/ml




#9 AR-1221-2

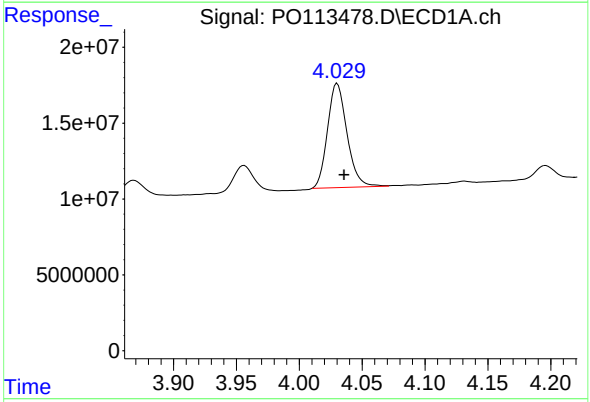
R.T.: 3.956 min
Delta R.T.: -0.004 min
Response: 18011279
Conc: 266.63 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



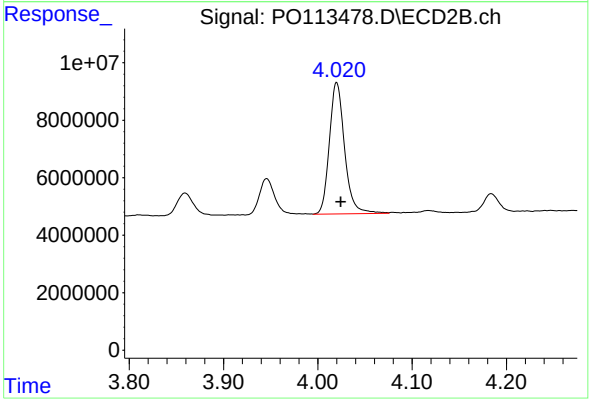

#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: -0.004 min
Response: 14093823
Conc: 301.97 ng/ml



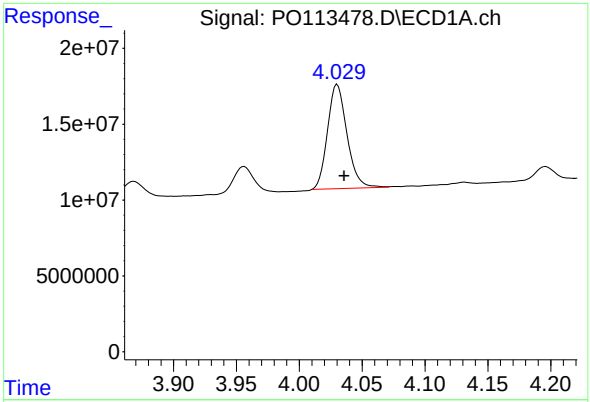

#10 AR-1221-3

R.T.: 4.030 min
Delta R.T.: -0.005 min
Response: 73946356
Conc: 334.07 ng/ml




#10 AR-1221-3

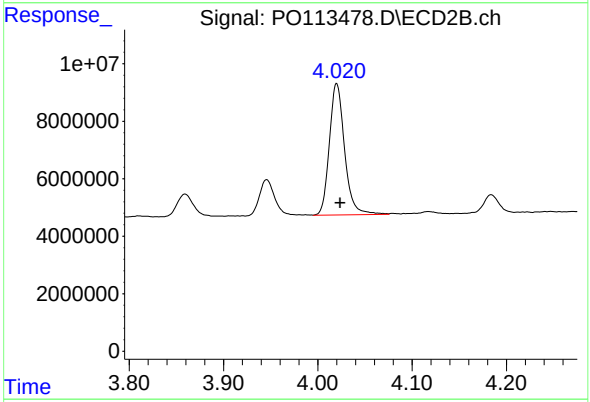
R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 51383710
Conc: 346.08 ng/ml




#11 AR-1232-1

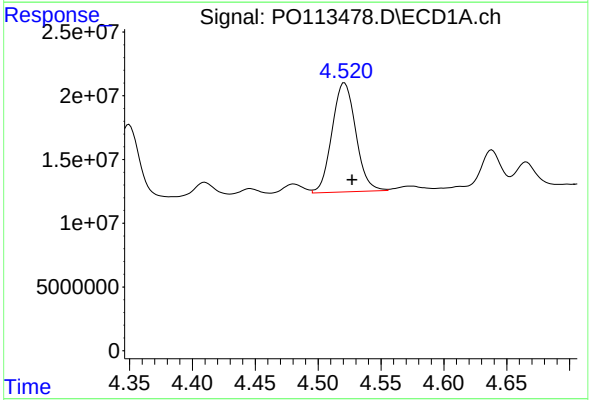
R.T.: 4.030 min
Delta R.T.: -0.005 min
Response: 73946356
Conc: 424.96 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



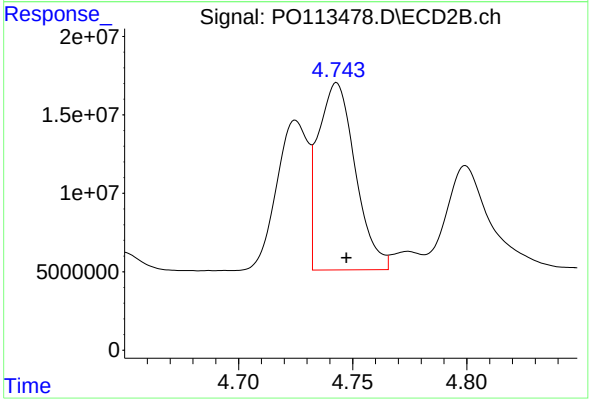

#11 AR-1232-1

R.T.: 4.020 min
Delta R.T.: -0.003 min
Response: 51383710
Conc: 437.67 ng/ml



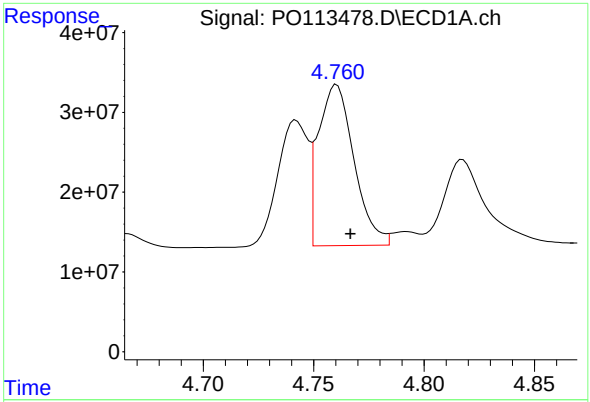

#12 AR-1232-2

R.T.: 4.521 min
Delta R.T.: -0.006 min
Response: 112721879
Conc: 1128.88 ng/ml




#12 AR-1232-2

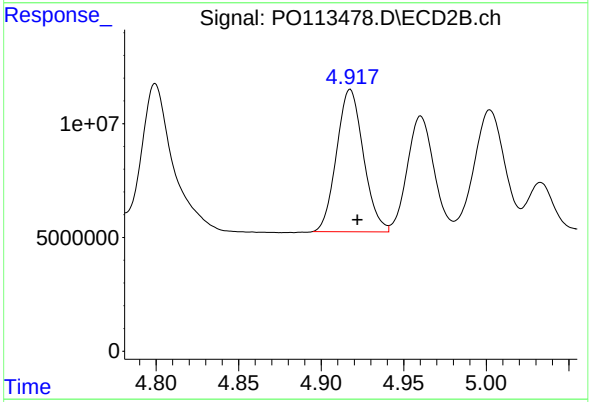
R.T.: 4.743 min
Delta R.T.: -0.004 min
Response: 135232267
Conc: 1103.53 ng/ml




#13 AR-1232-3

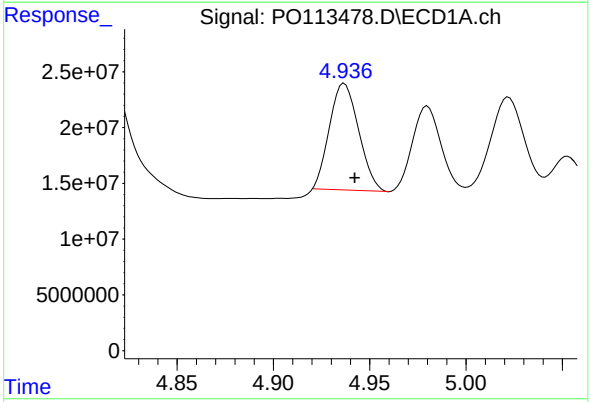
R.T.: 4.760 min
Delta R.T.: -0.006 min
Response: 227760534
Conc: 1202.06 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



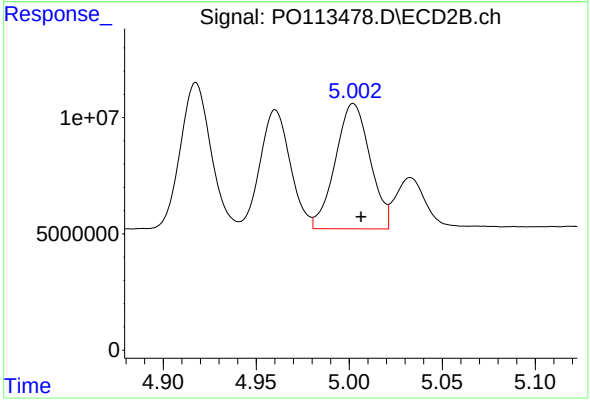

#13 AR-1232-3

R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 70947214
Conc: 1120.00 ng/ml



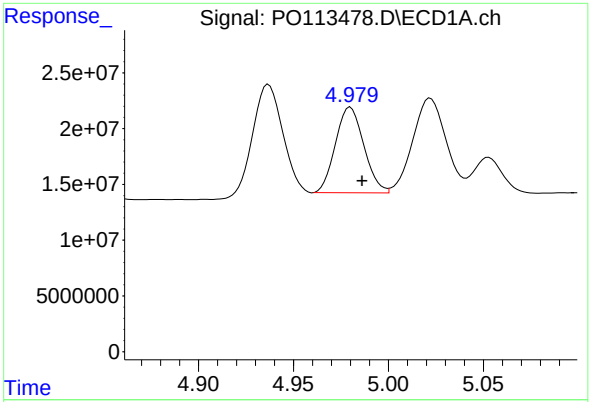

#14 AR-1232-4

R.T.: 4.937 min
Delta R.T.: -0.005 min
Response: 100729185
Conc: 1069.66 ng/ml




#14 AR-1232-4

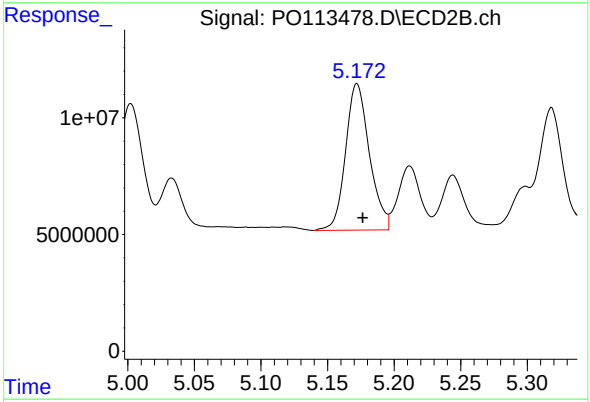
R.T.: 5.002 min
Delta R.T.: -0.004 min
Response: 69921176
Conc: 1243.68 ng/ml




#15 AR-1232-5

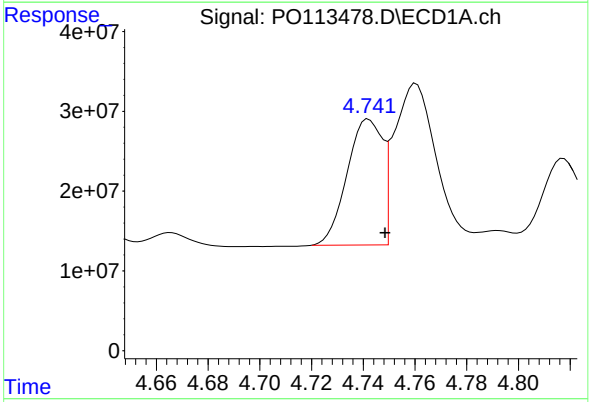
R.T.: 4.980 min
Delta R.T.: -0.006 min
Response: 79974727
Conc: 1291.10 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



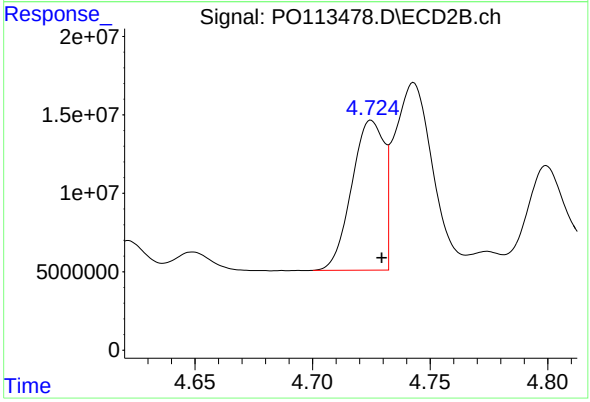

#15 AR-1232-5

R.T.: 5.172 min
Delta R.T.: -0.004 min
Response: 78252607
Conc: 1307.18 ng/ml



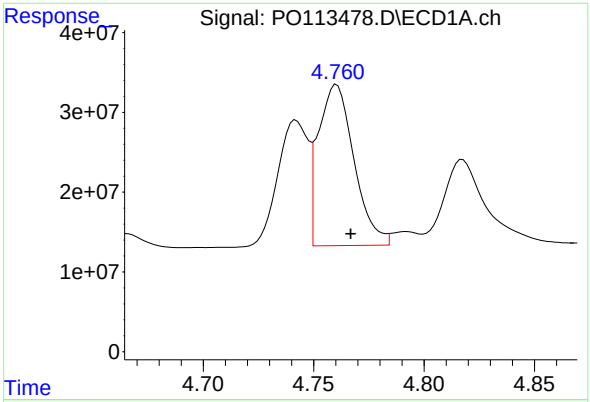

#16 AR-1242-1

R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 149823670
Conc: 651.60 ng/ml




#16 AR-1242-1

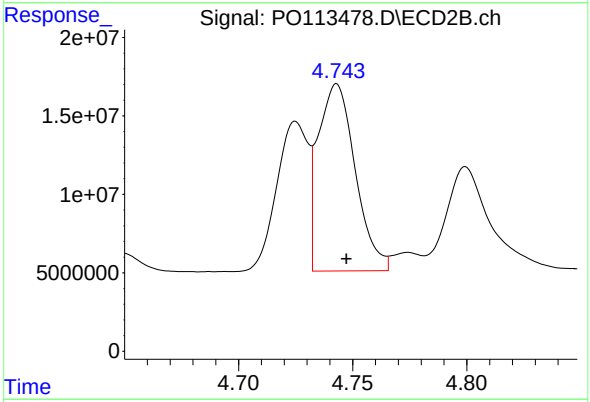
R.T.: 4.725 min
Delta R.T.: -0.005 min
Response: 91343543
Conc: 632.12 ng/ml




#17 AR-1242-2

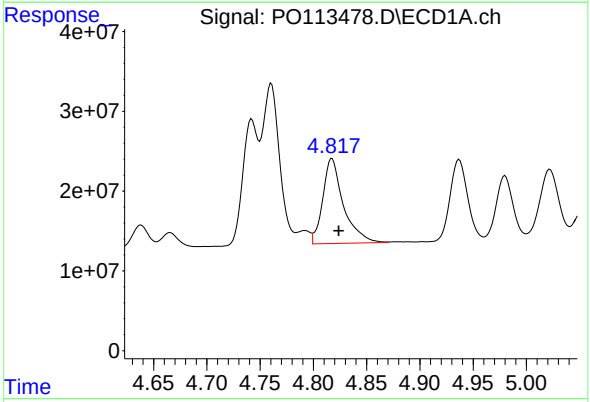
R.T.: 4.760 min
Delta R.T.: -0.006 min
Response: 227760534
Conc: 662.82 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



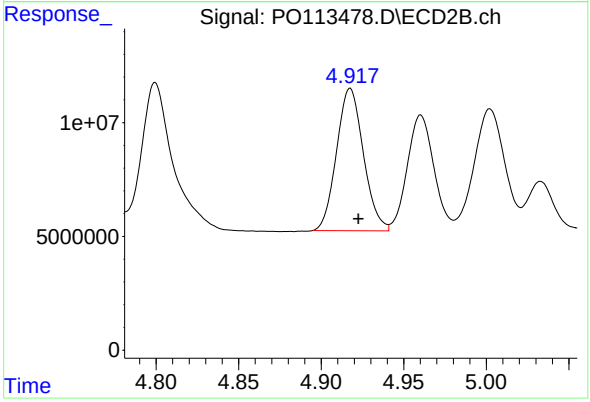

#17 AR-1242-2

R.T.: 4.743 min
Delta R.T.: -0.004 min
Response: 135232267
Conc: 623.45 ng/ml



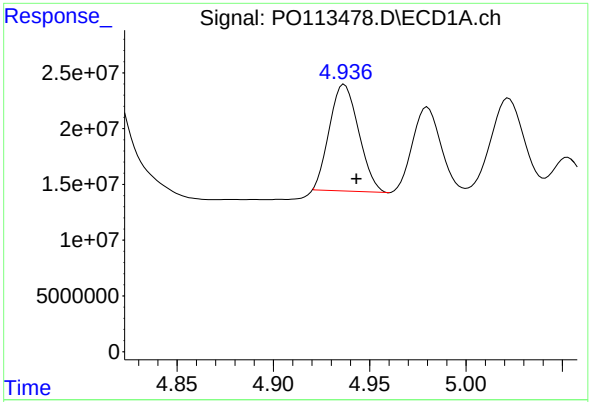

#18 AR-1242-3

R.T.: 4.817 min
Delta R.T.: -0.006 min
Response: 143837457
Conc: 648.25 ng/ml




#18 AR-1242-3

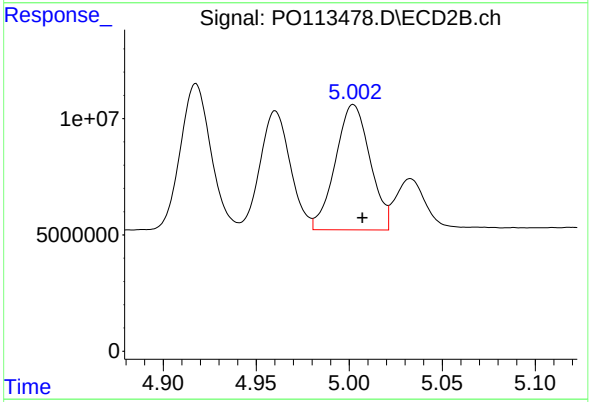
R.T.: 4.918 min
Delta R.T.: -0.005 min
Response: 70947214
Conc: 606.57 ng/ml




#19 AR-1242-4

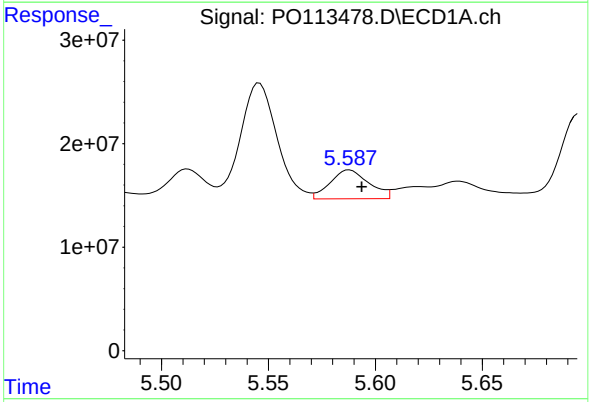
R.T.: 4.937 min
Delta R.T.: -0.006 min
Response: 100729185
Conc: 580.70 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



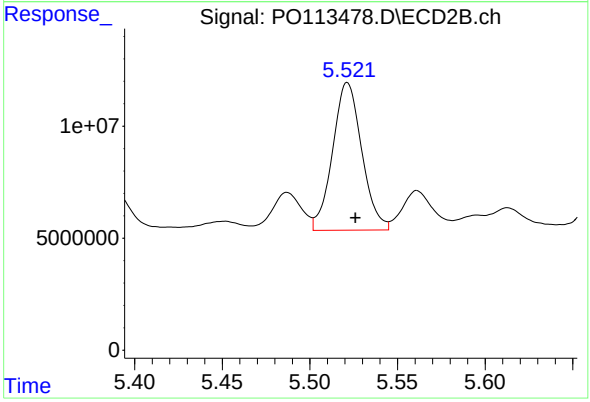

#19 AR-1242-4

R.T.: 5.002 min
Delta R.T.: -0.005 min
Response: 69921176
Conc: 594.38 ng/ml



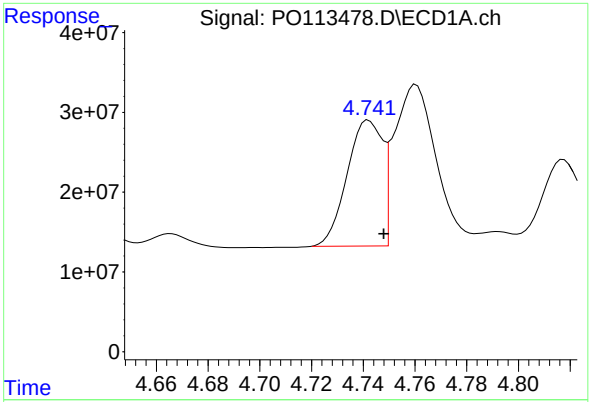

#20 AR-1242-5

R.T.: 5.588 min
Delta R.T.: -0.006 min
Response: 35319934
Conc: 176.46 ng/ml




#20 AR-1242-5

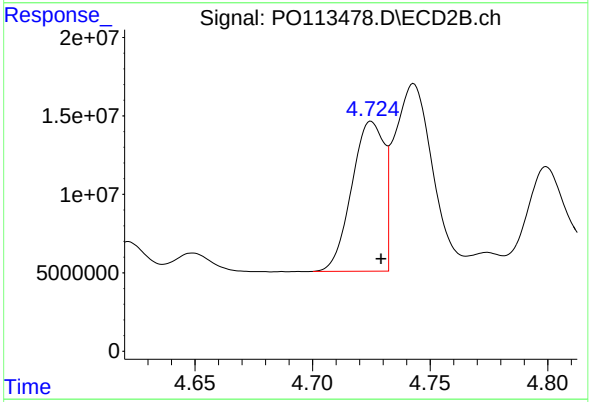
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 76509193
Conc: 513.03 ng/ml




#21 AR-1248-1

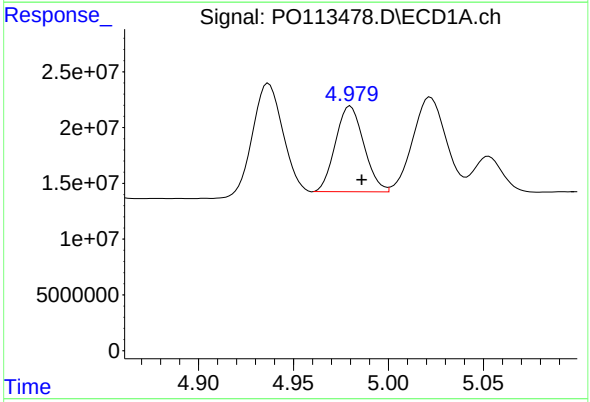
R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 149823670
Conc: 858.75 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



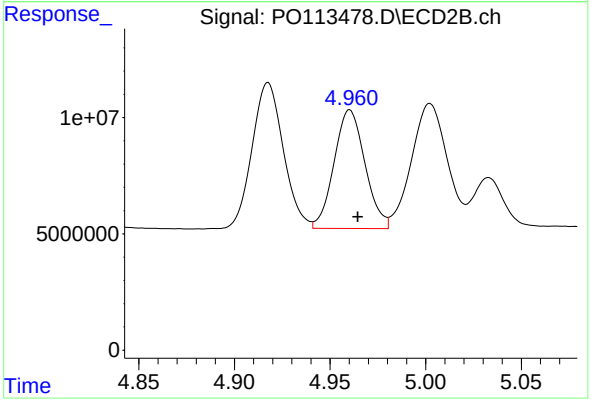

#21 AR-1248-1

R.T.: 4.725 min
Delta R.T.: -0.004 min
Response: 91343543
Conc: 819.14 ng/ml



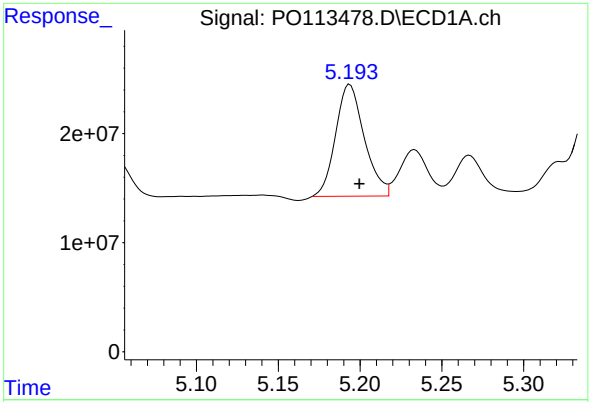

#22 AR-1248-2

R.T.: 4.980 min
Delta R.T.: -0.006 min
Response: 79974727
Conc: 330.66 ng/ml




#22 AR-1248-2

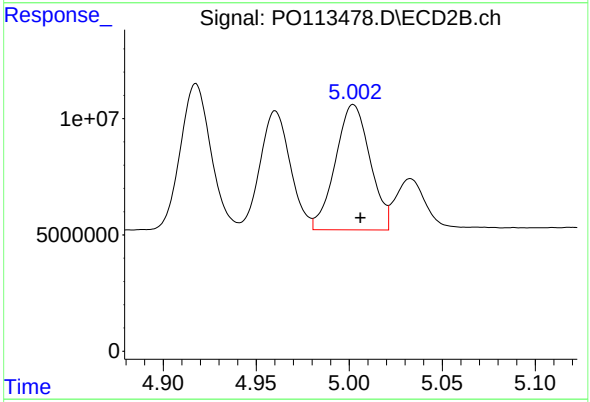
R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 57526704
Conc: 357.98 ng/ml




#23 AR-1248-3

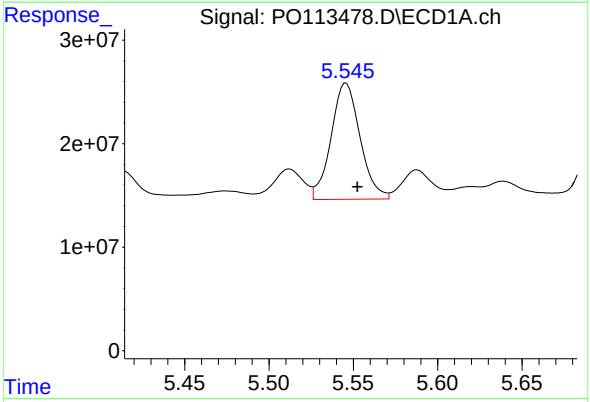
R.T.: 5.194 min
Delta R.T.: -0.006 min
Response: 125102223
Conc: 392.34 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



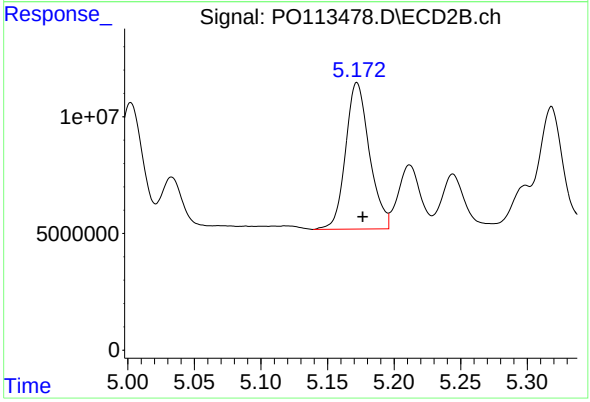

#23 AR-1248-3

R.T.: 5.002 min
Delta R.T.: -0.004 min
Response: 69921176
Conc: 412.12 ng/ml



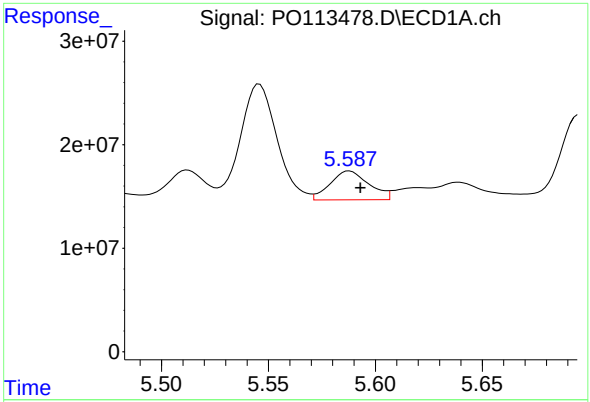

#24 AR-1248-4

R.T.: 5.546 min
Delta R.T.: -0.007 min
Response: 134552551
Conc: 269.32 ng/ml




#24 AR-1248-4

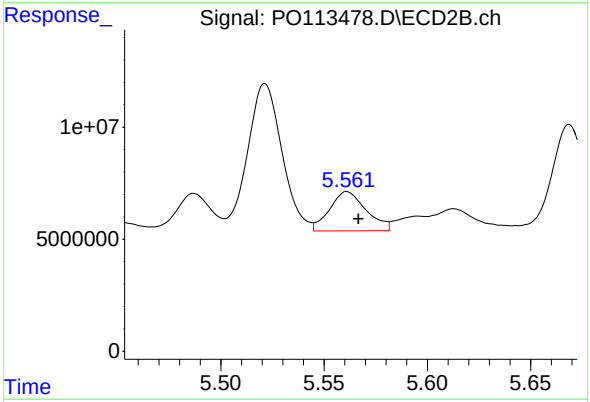
R.T.: 5.172 min
Delta R.T.: -0.004 min
Response: 78252607
Conc: 392.79 ng/ml




#25 AR-1248-5

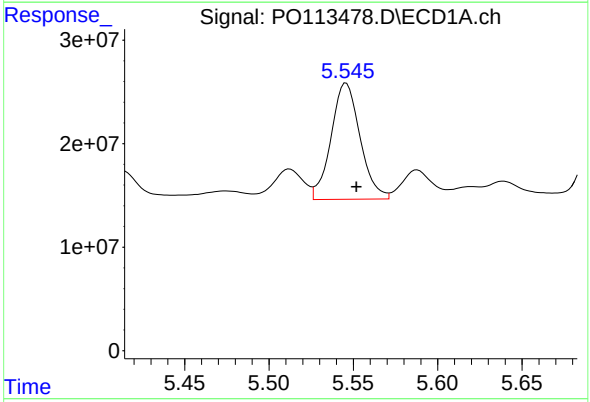
R.T.: 5.588 min
Delta R.T.: -0.005 min
Response: 35319934
Conc: 103.43 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



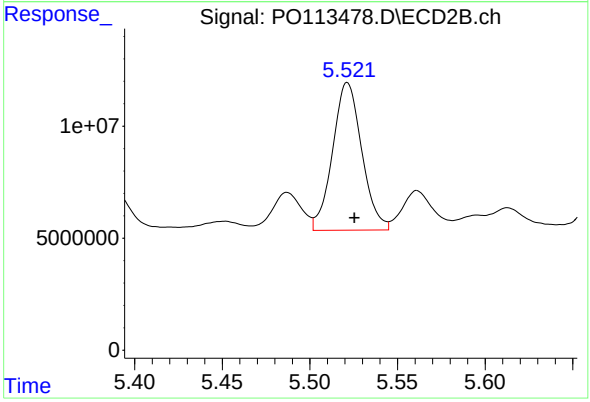

#25 AR-1248-5

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 21592784
Conc: 101.71 ng/ml



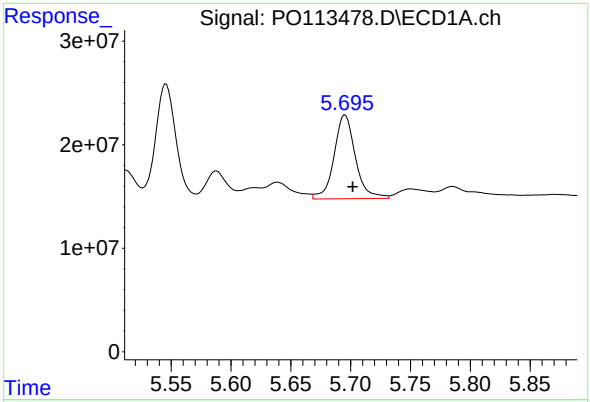

#26 AR-1254-1

R.T.: 5.546 min
Delta R.T.: -0.006 min
Response: 134552551
Conc: 249.18 ng/ml




#26 AR-1254-1

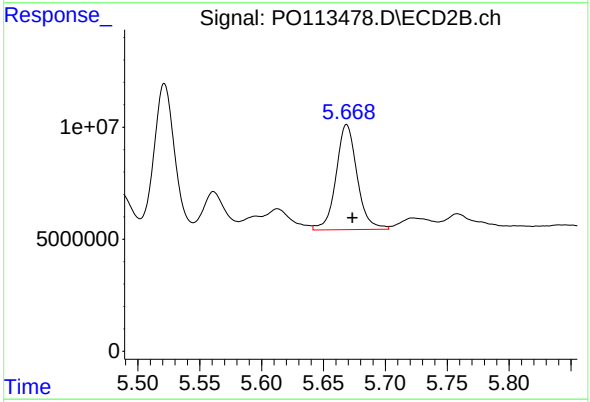
R.T.: 5.521 min
Delta R.T.: -0.004 min
Response: 76509193
Conc: 242.61 ng/ml




#27 AR-1254-2

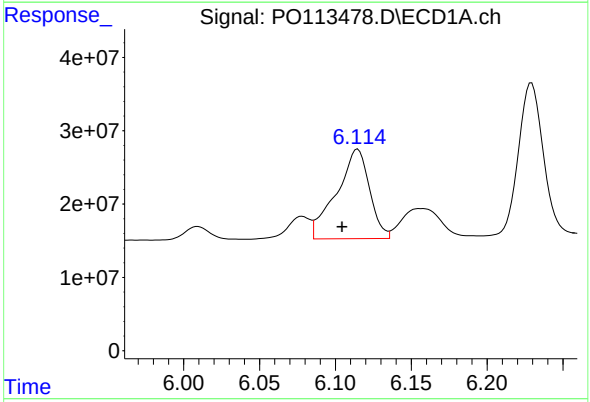
R.T.: 5.695 min
Delta R.T.: -0.006 min
Response: 100395264
Conc: 203.45 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



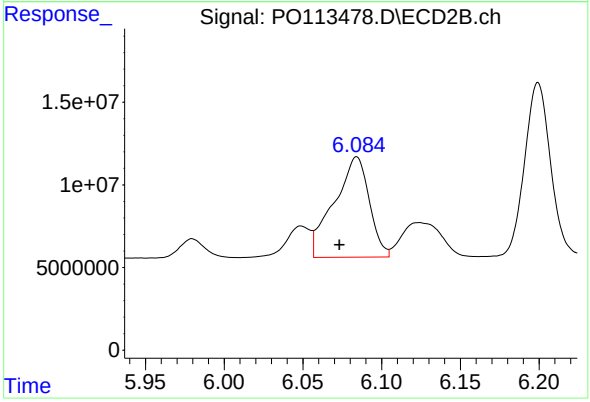

#27 AR-1254-2

R.T.: 5.669 min
Delta R.T.: -0.005 min
Response: 55617946
Conc: 198.40 ng/ml



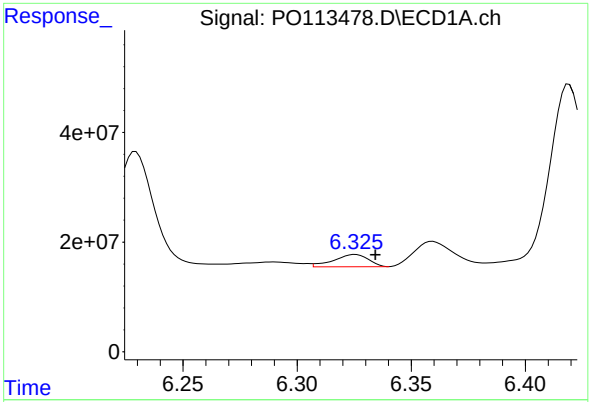

#28 AR-1254-3

R.T.: 6.115 min
Delta R.T.: 0.010 min
Response: 185604761
Conc: 251.20 ng/ml




#28 AR-1254-3

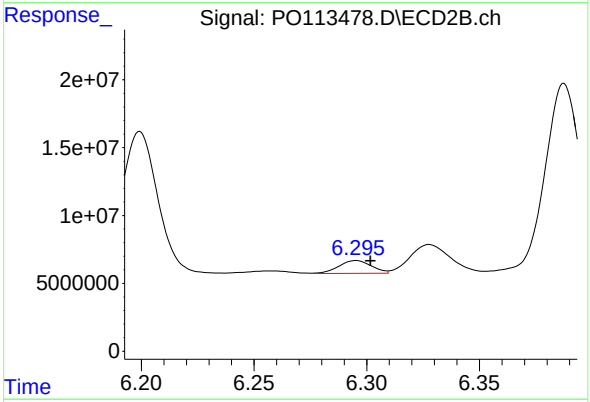
R.T.: 6.084 min
Delta R.T.: 0.011 min
Response: 94490125
Conc: 226.64 ng/ml




#29 AR-1254-4

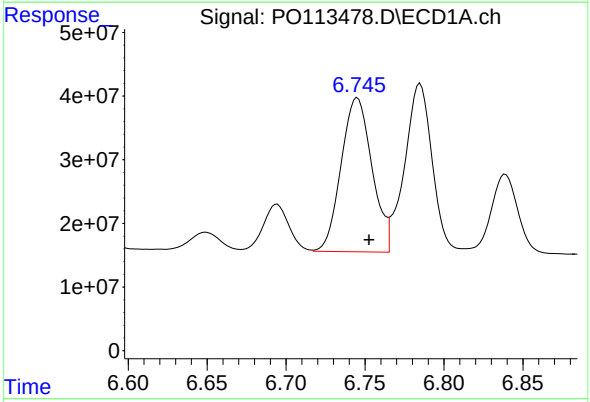
R.T.: 6.325 min
Delta R.T.: -0.009 min
Response: 23762424
Conc: 42.66 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



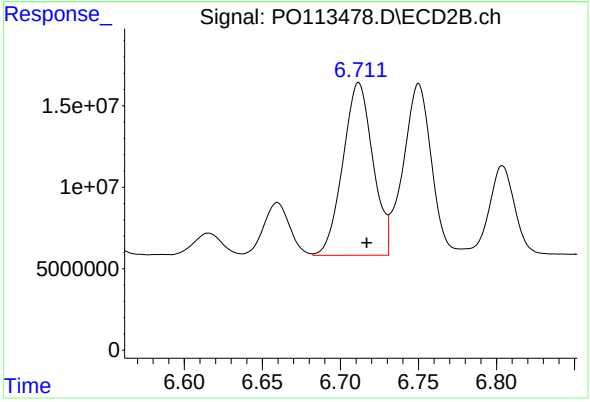

#29 AR-1254-4

R.T.: 6.295 min
Delta R.T.: -0.006 min
Response: 9428806
Conc: 34.31 ng/ml



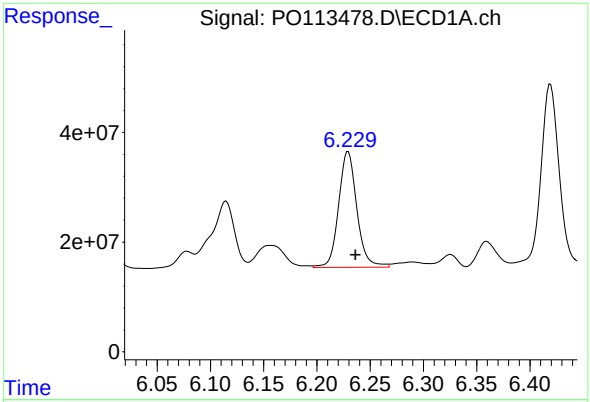

#30 AR-1254-5

R.T.: 6.745 min
Delta R.T.: -0.007 min
Response: 329081390
Conc: 469.46 ng/ml




#30 AR-1254-5

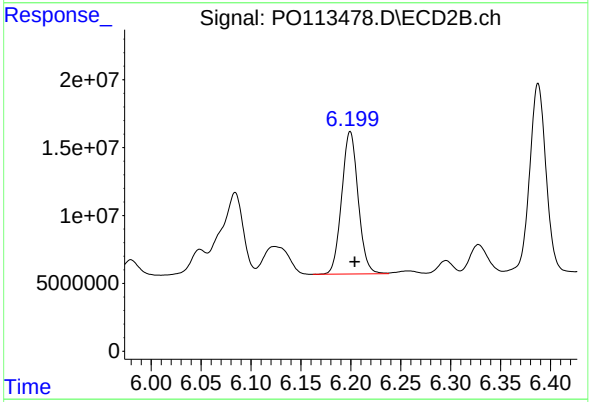
R.T.: 6.712 min
Delta R.T.: -0.005 min
Response: 141883793
Conc: 396.89 ng/ml




#31 AR-1260-1

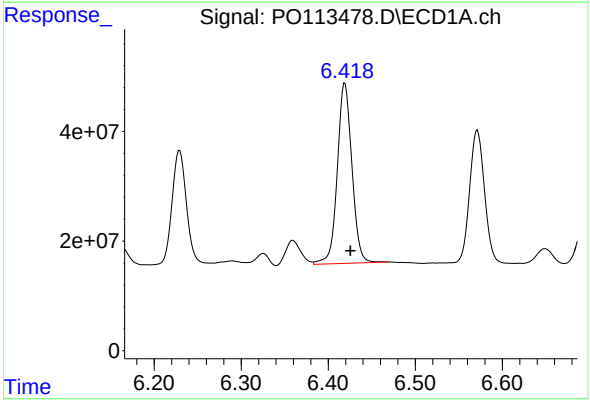
R.T.: 6.229 min
Delta R.T.: -0.007 min
Response: 251979191
Conc: 565.00 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



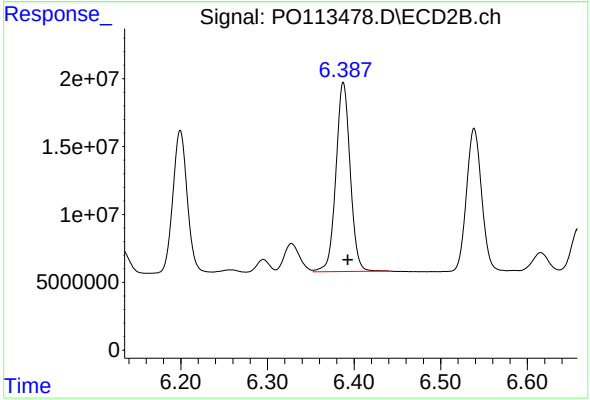

#31 AR-1260-1

R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 120624893
Conc: 472.91 ng/ml



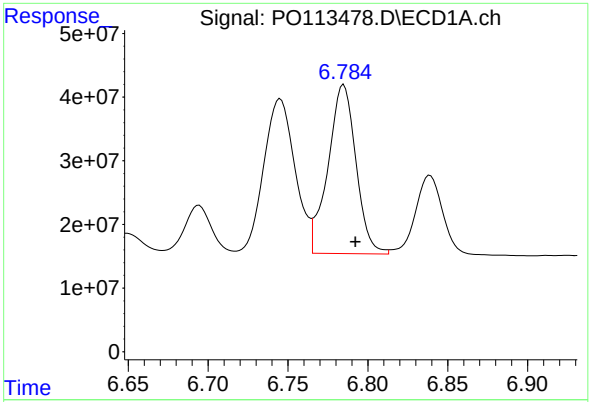

#32 AR-1260-2

R.T.: 6.419 min
Delta R.T.: -0.006 min
Response: 383881354
Conc: 559.01 ng/ml




#32 AR-1260-2

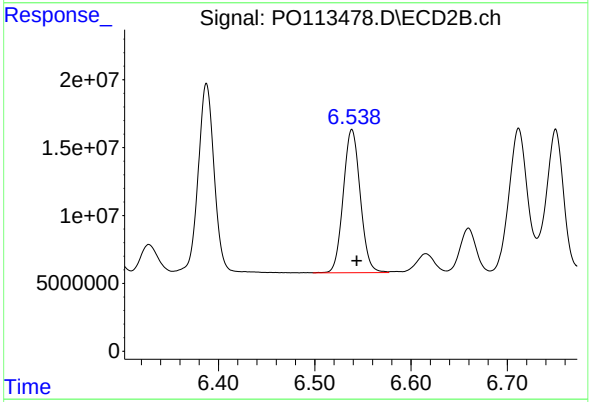
R.T.: 6.388 min
Delta R.T.: -0.005 min
Response: 159795744
Conc: 462.22 ng/ml




#33 AR-1260-3

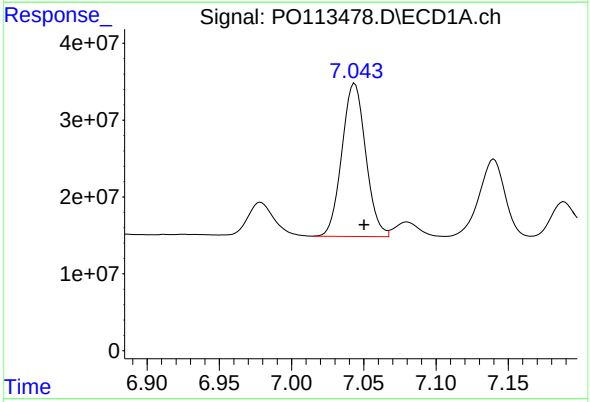
R.T.: 6.785 min
Delta R.T.: -0.007 min
Response: 323433002
Conc: 523.80 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



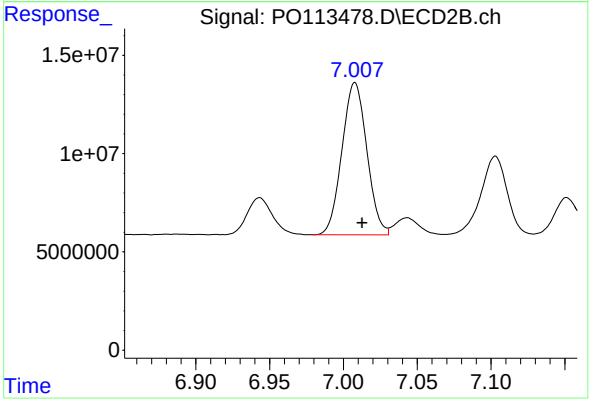

#33 AR-1260-3

R.T.: 6.539 min
Delta R.T.: -0.005 min
Response: 128752614
Conc: 432.88 ng/ml



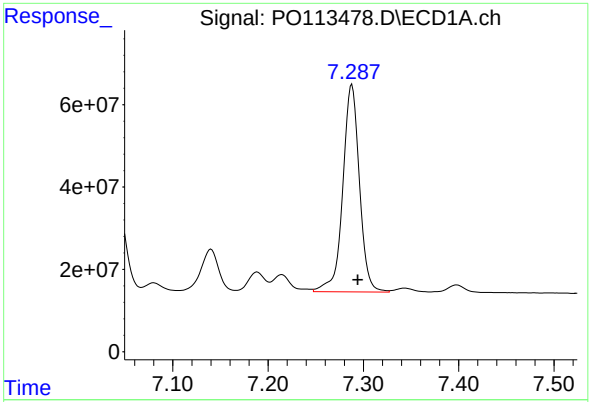

#34 AR-1260-4

R.T.: 7.044 min
Delta R.T.: -0.006 min
Response: 228183090
Conc: 509.48 ng/ml




#34 AR-1260-4

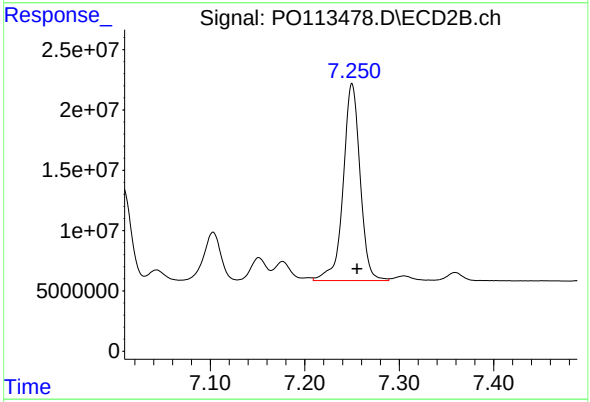
R.T.: 7.008 min
Delta R.T.: -0.005 min
Response: 90912792
Conc: 438.66 ng/ml




#35 AR-1260-5

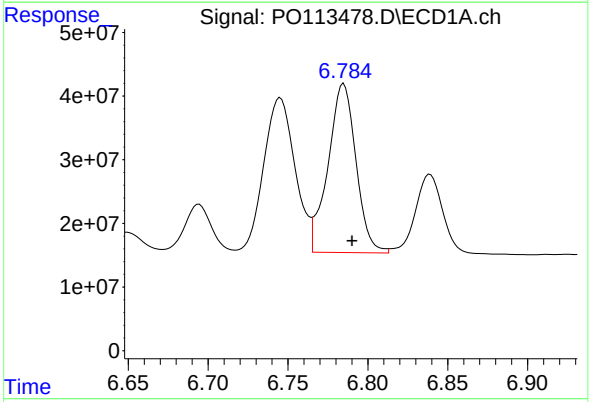
R.T.: 7.288 min
Delta R.T.: -0.006 min
Response: 612742915
Conc: 506.11 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



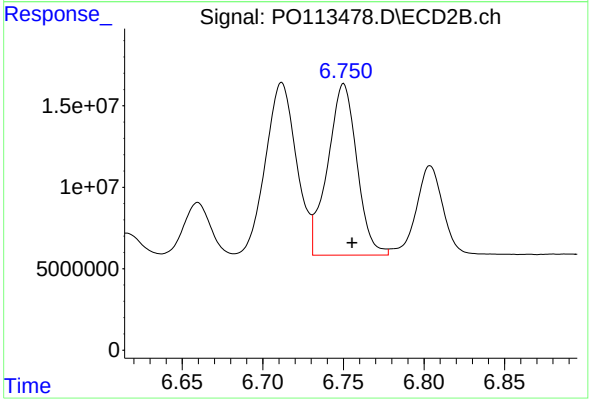

#35 AR-1260-5

R.T.: 7.250 min
Delta R.T.: -0.005 min
Response: 203230302
Conc: 433.85 ng/ml



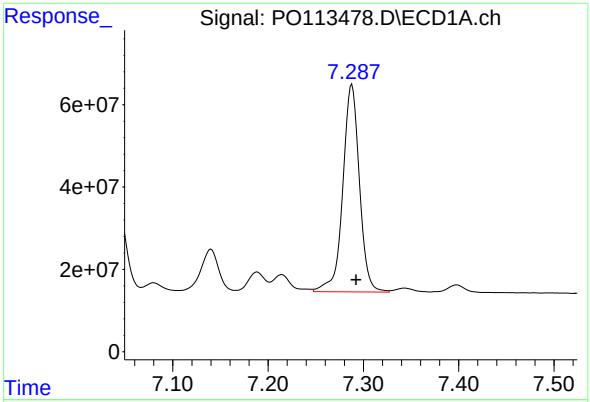

#36 AR-1262-1

R.T.: 6.785 min
Delta R.T.: -0.005 min
Response: 323433002
Conc: 353.18 ng/ml




#36 AR-1262-1

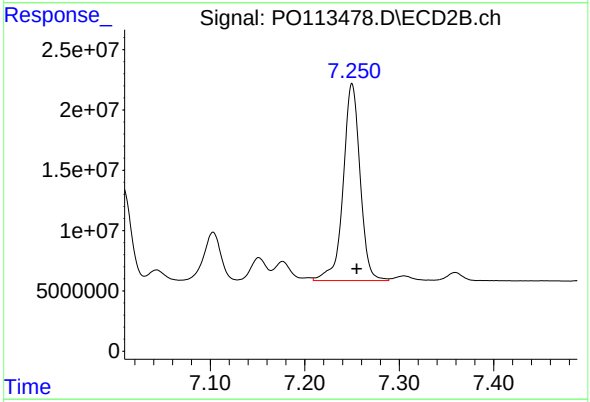
R.T.: 6.750 min
Delta R.T.: -0.005 min
Response: 132853124
Conc: 320.43 ng/ml




#37 AR-1262-2

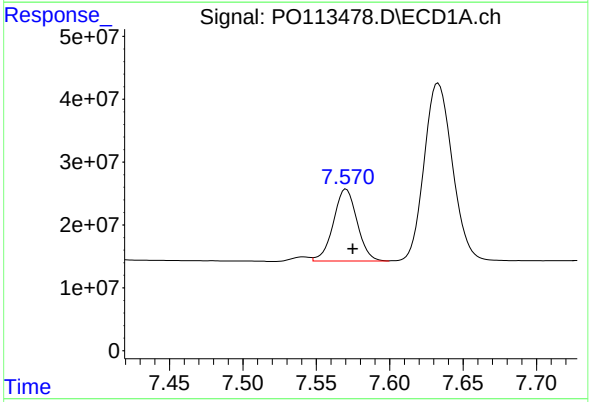
R.T.: 7.288 min
Delta R.T.: -0.004 min
Response: 612742915
Conc: 405.21 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



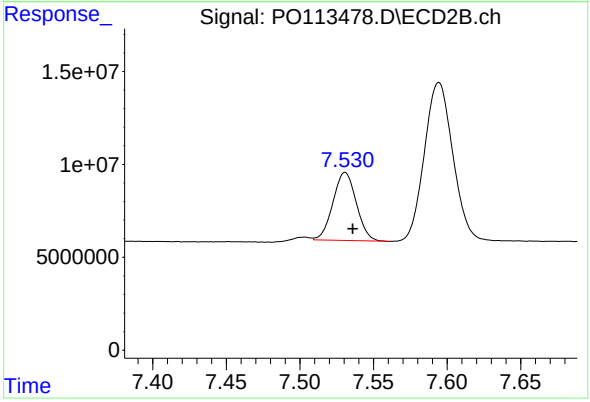

#37 AR-1262-2

R.T.: 7.250 min
Delta R.T.: -0.005 min
Response: 203230302
Conc: 392.59 ng/ml



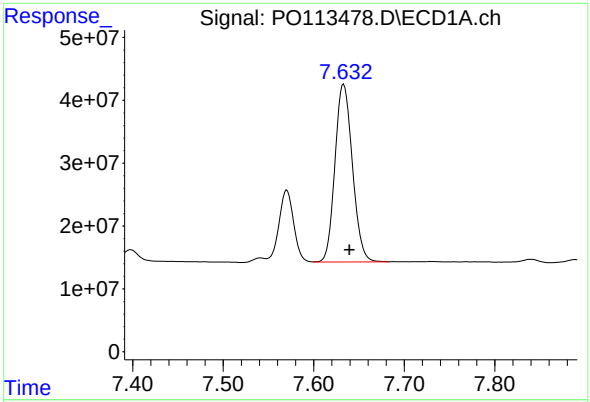

#38 AR-1262-3

R.T.: 7.570 min
Delta R.T.: -0.004 min
Response: 128626437
Conc: 232.13 ng/ml




#38 AR-1262-3

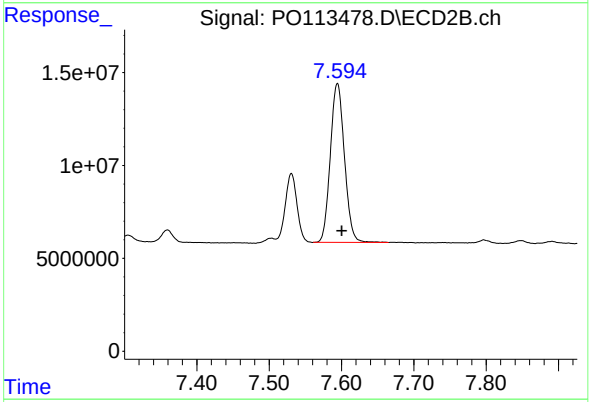
R.T.: 7.531 min
Delta R.T.: -0.005 min
Response: 40480804
Conc: 225.41 ng/ml




#39 AR-1262-4

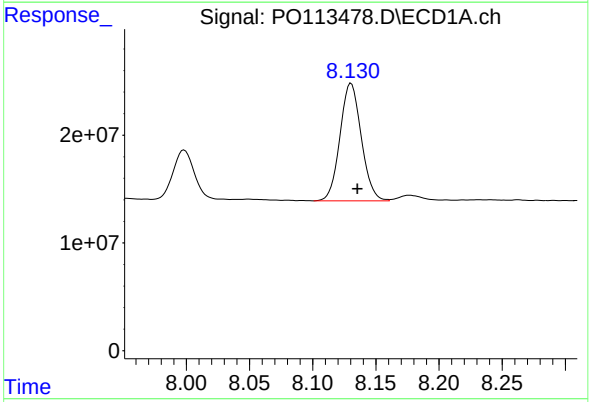
R.T.: 7.633 min
Delta R.T.: -0.006 min
Response: 378679498
Conc: 387.21 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



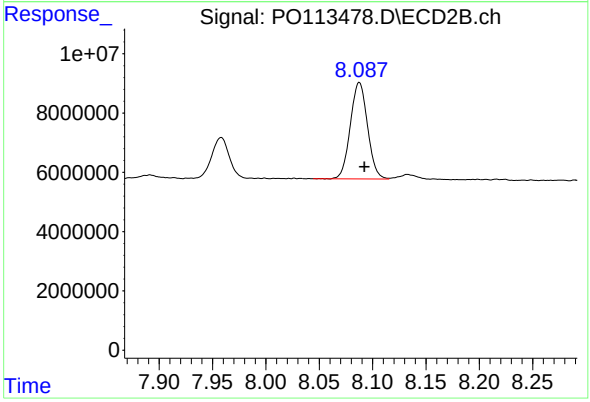

#39 AR-1262-4

R.T.: 7.594 min
Delta R.T.: -0.006 min
Response: 115985072
Conc: 400.08 ng/ml



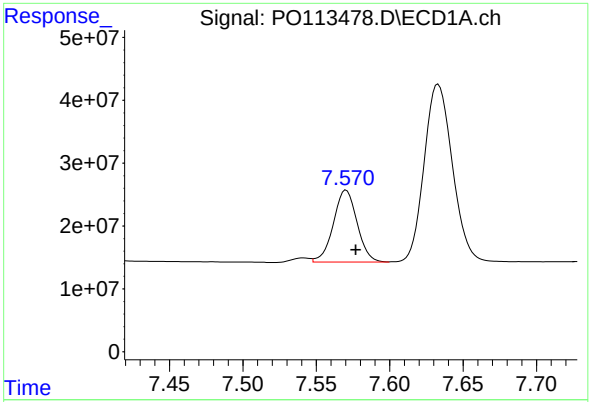

#40 AR-1262-5

R.T.: 8.130 min
Delta R.T.: -0.005 min
Response: 128097127
Conc: 307.28 ng/ml




#40 AR-1262-5

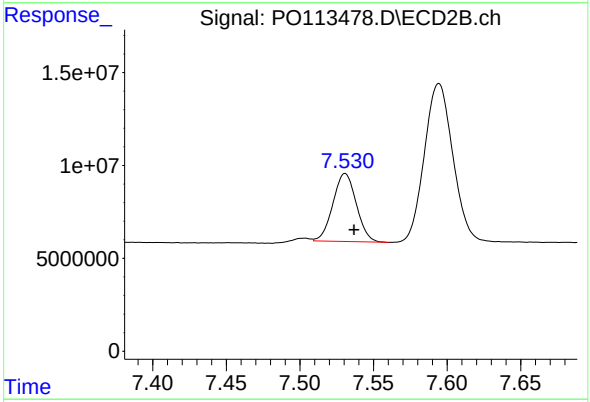
R.T.: 8.088 min
Delta R.T.: -0.005 min
Response: 36458236
Conc: 336.54 ng/ml




#41 AR-1268-1

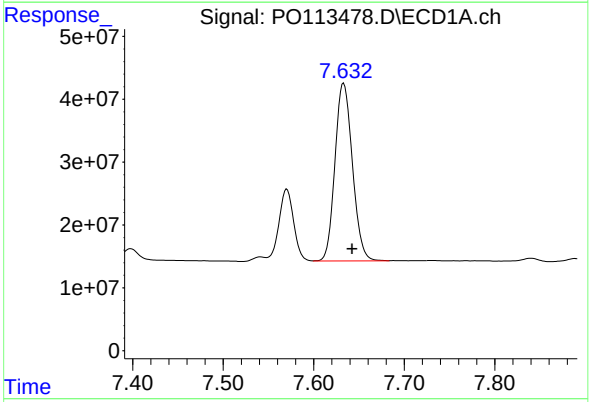
R.T.: 7.570 min
Delta R.T.: -0.007 min
Response: 128626437
Conc: 74.74 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



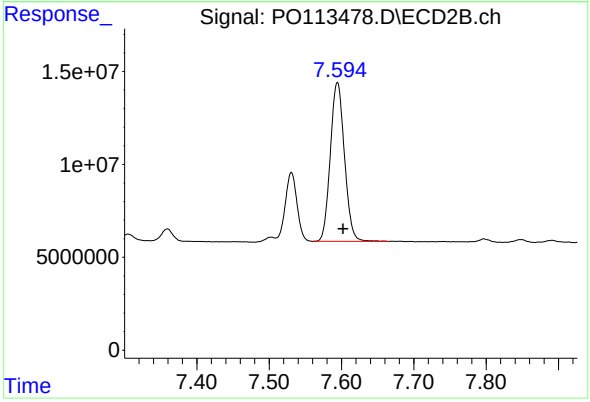

#41 AR-1268-1

R.T.: 7.531 min
Delta R.T.: -0.006 min
Response: 40480804
Conc: 79.46 ng/ml



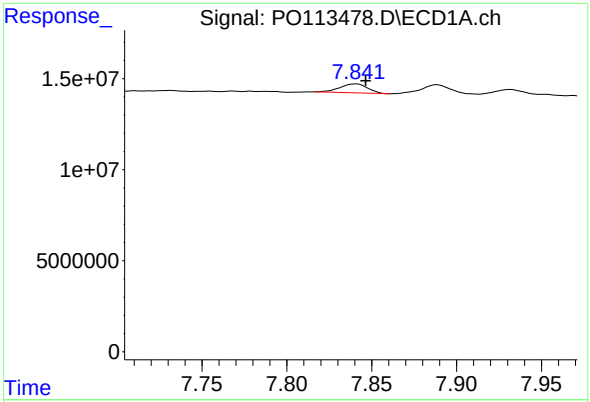

#42 AR-1268-2

R.T.: 7.633 min
Delta R.T.: -0.009 min
Response: 378679498
Conc: 261.49 ng/ml




#42 AR-1268-2

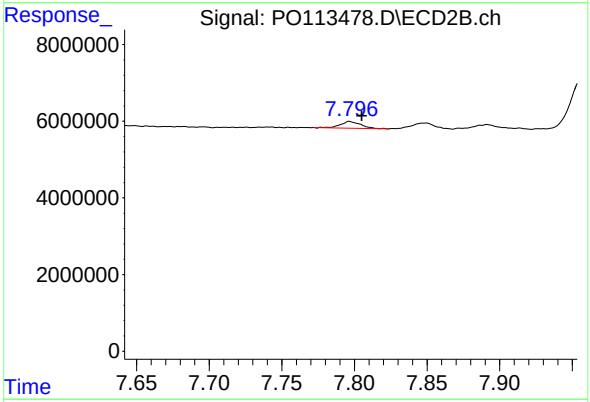
R.T.: 7.594 min
Delta R.T.: -0.008 min
Response: 115985072
Conc: 279.21 ng/ml




#43 AR-1268-3

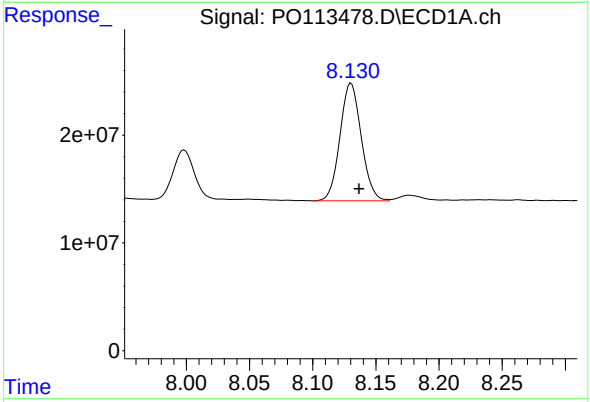
R.T.: 7.841 min
Delta R.T.: -0.006 min
Response: 5638458
Conc: 4.67 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



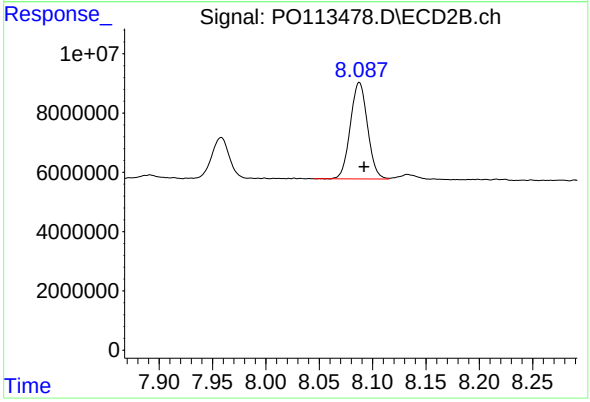

#43 AR-1268-3

R.T.: 7.797 min
Delta R.T.: -0.008 min
Response: 1687215
Conc: 5.17 ng/ml



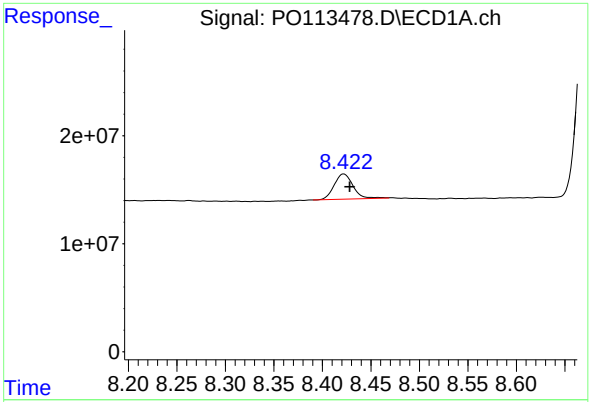

#44 AR-1268-4

R.T.: 8.130 min
Delta R.T.: -0.006 min
Response: 128097127
Conc: 278.07 ng/ml




#44 AR-1268-4

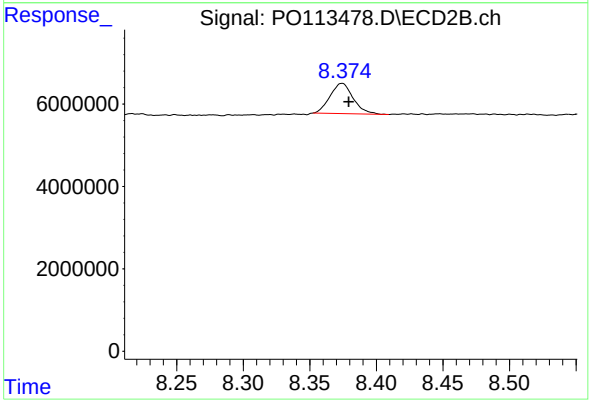
R.T.: 8.088 min
Delta R.T.: -0.004 min
Response: 36458236
Conc: 302.73 ng/ml




#45 AR-1268-5

R.T.: 8.422 min
Delta R.T.: -0.006 min
Response: 31611135
Conc: 9.91 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500




#45 AR-1268-5

R.T.: 8.374 min
Delta R.T.: -0.005 min
Response: 8884181
Conc: 11.38 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:15
Operator : YP/AJ
Sample : PB169547BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.660 | 3.652 | 165.4E6 | 97230225 | 20.200 | 19.213 | |
| 2) | SA Decachlor... | 8.676 | 8.621 | 134.3E6 | 40316798 | 19.369 | 21.277 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 4.744 | 4.724 | 125.8E6 | 77011024 | 471.184 | 451.482 | |
| 4) | L1 AR-1016-2 | 4.762 | 4.742 | 199.6E6 | 117.5E6 | 497.317 | 455.955 | |
| 5) | L1 AR-1016-3 | 4.819 | 4.917 | 125.2E6 | 60060602 | 490.949 | 430.189 | |
| 6) | L1 AR-1016-4 | 4.939 | 4.960 | 88962250 | 48275247 | 407.956 | 413.673 | |
| 7) | L1 AR-1016-5 | 5.195 | 5.172 | 101.8E6 | 63023323 | 459.193 | 442.176 | |
| 8) | L2 AR-1221-1 | 3.870 | 3.859 | 10604250 | 7344331 | 113.326 | 116.353 | |
| 9) | L2 AR-1221-2 | 3.957 | 3.945 | 12746914 | 9639738 | 188.702 | 206.537 | |
| 10) | L2 AR-1221-3 | 4.032 | 4.020 | 60801927 | 41437013 | 274.685 | 279.084 | |
| 11) | L3 AR-1232-1 | 4.032 | 4.020 | 60801927 | 41437013 | 349.424 | 352.948 | |
| 12) | L3 AR-1232-2 | 4.523 | 4.742 | 97206244 | 117.5E6 | 973.499 | 958.664 | |
| 13) | L3 AR-1232-3 | 4.762 | 4.917 | 199.6E6 | 60060602 | 1053.639 | 948.141 | |
| 14) | L3 AR-1232-4 | 4.939 | 5.001 | 88962250 | 59629737 | 944.703 | 1060.628 | |
| 15) | L3 AR-1232-5 | 4.981 | 5.172 | 68824038 | 63023323 | 1111.087 | 1052.783 | |
| 16) | L4 AR-1242-1 | 4.744 | 4.724 | 125.8E6 | 77011024 | 547.114 | 532.932 | |
| 17) | L4 AR-1242-2 | 4.762 | 4.742 | 199.6E6 | 117.5E6 | 580.978 | 541.602 | |
| 18) | L4 AR-1242-3 | 4.819 | 4.917 | 125.2E6 | 60060602 | 564.272 | 513.495 | |
| 19) | L4 AR-1242-4 | 4.939 | 5.001 | 88962250 | 59629737 | 512.861 | 506.894 | |
| 20) | L4 AR-1242-5 | 5.589 | 5.520 | 15575923 | 51698555 | 77.816 | 346.661 | # |
| 21) | L5 AR-1248-1 | 4.744 | 4.724 | 125.8E6 | 77011024 | 721.050 | 690.608 | |
| 22) | L5 AR-1248-2 | 4.981 | 4.960 | 68824038 | 48275247 | 284.555 | 300.408 | |
| 23) | L5 AR-1248-3 | 5.195 | 5.001 | 101.8E6 | 59629737 | 319.164 | 351.465 | |
| 24) | L5 AR-1248-4 | 5.547 | 5.172 | 89061353 | 63023323 | 178.264 | 316.350 | # |
| 25) | L5 AR-1248-5 | 5.589 | 5.561 | 15575923 | 9930143 | 45.611 | 46.775 | |
| 26) | L6 AR-1254-1 | 5.547 | 5.520 | 89061353 | 51698555 | 164.935 | 163.938 | |
| 27) | L6 AR-1254-2 | 5.697 | 5.668 | 91056121 | 49833729 | 184.528 | 177.762 | |
| 28) | L6 AR-1254-3 | 6.116 | 6.083 | 170.3E6 | 83515556 | 230.540 | 200.314 | |
| 29) | L6 AR-1254-4 | 6.330 | 6.296 | 18172712 | 7653729 | 32.626 | 27.848 | |
| 30) | L6 AR-1254-5 | 6.747 | 6.710 | 314.4E6 | 138.8E6 | 448.449 | 388.235 | |
| 31) | L7 AR-1260-1 | 6.231 | 6.198 | 224.4E6 | 110.5E6 | 503.062 | 433.162 | |
| 32) | L7 AR-1260-2 | 6.420 | 6.387 | 335.0E6 | 143.3E6 | 487.788 | 414.574 | |
| 33) | L7 AR-1260-3 | 6.786 | 6.537 | 249.0E6 | 118.9E6 | 403.196 | 399.693 | |
| 34) | L7 AR-1260-4 | 7.045 | 7.007 | 179.6E6 | 72649696 | 401.057 | 350.542 | |
| 35) | L7 AR-1260-5 | 7.289 | 7.249 | 522.1E6 | 161.2E6 | 431.248 | 344.072 | |
| 36) | L8 AR-1262-1 | 6.786 | 6.749 | 249.0E6 | 105.8E6 | 271.864 | 255.114 | |
| 37) | L8 AR-1262-2 | 7.289 | 7.249 | 522.1E6 | 161.2E6 | 345.272 | 311.344 | |
| 38) | L8 AR-1262-3 | 7.570 | 7.529 | 96620392 | 27104076 | 174.371 | 150.922 | |
| 39) | L8 AR-1262-4 | 7.634 | 7.593 | 320.3E6 | 89908955 | 327.480 | 310.136 | |
| 40) | L8 AR-1262-5 | 8.131 | 8.087 | 86619999 | 23815178 | 207.782 | 219.837 | |
| 41) | L9 AR-1268-1 | 7.570 | 7.529 | 96620392 | 27104076 | 56.146 | 53.201 | |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:15
Operator : YP/AJ
Sample : PB169547BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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 |
|---|---|---|---|---|---|---|---|
| 42) | L9 AR-1268-2 | 7.634 | 7.593 | 320.3E6 | 89908955 | 221.155 | 216.438 |
| 43) | L9 AR-1268-3 | 7.841 | 7.797 | 6865339 | 2294358 | 5.691 | 7.027 |
| 44) | L9 AR-1268-4 | 8.131 | 8.087 | 86619999 | 23815178 | 188.033 | 197.747 |
| 45) | L9 AR-1268-5 | 8.422 | 8.372 | 23754832 | 6313988 | 7.450 | 8.085 |

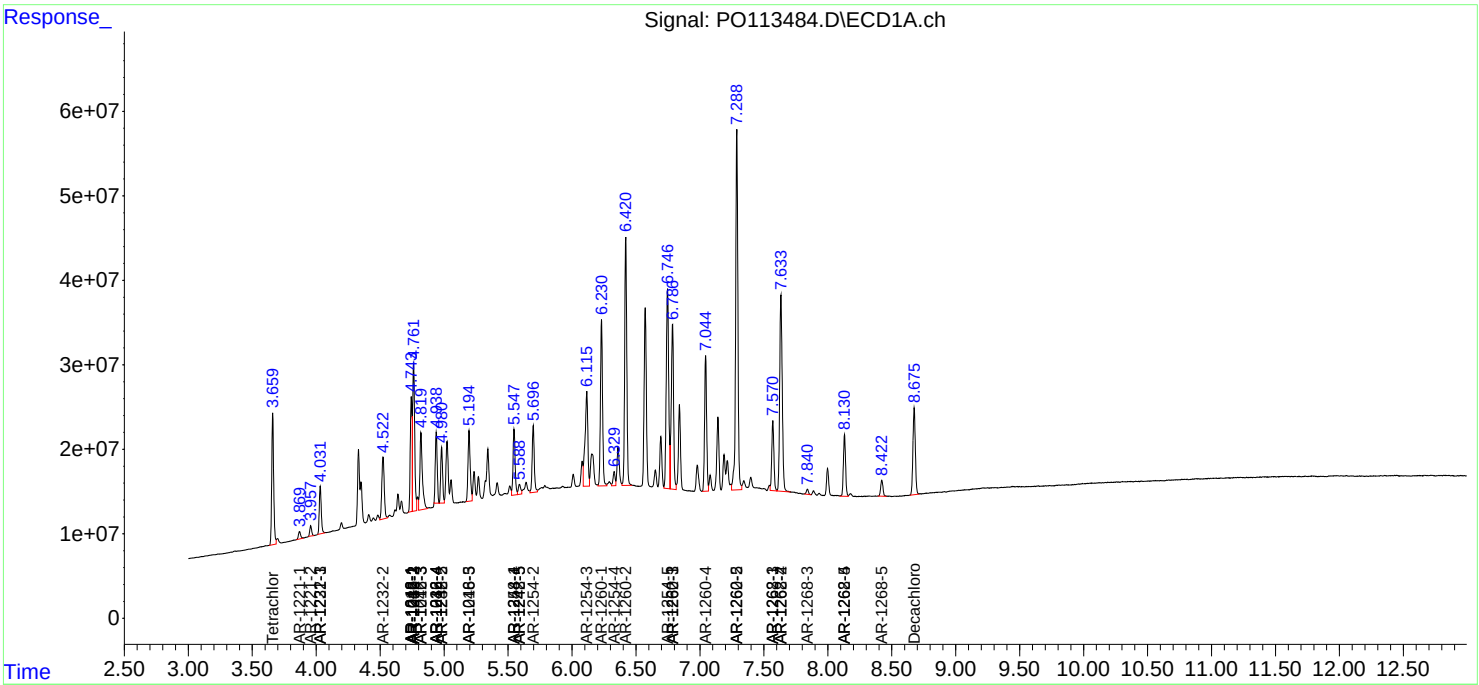
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

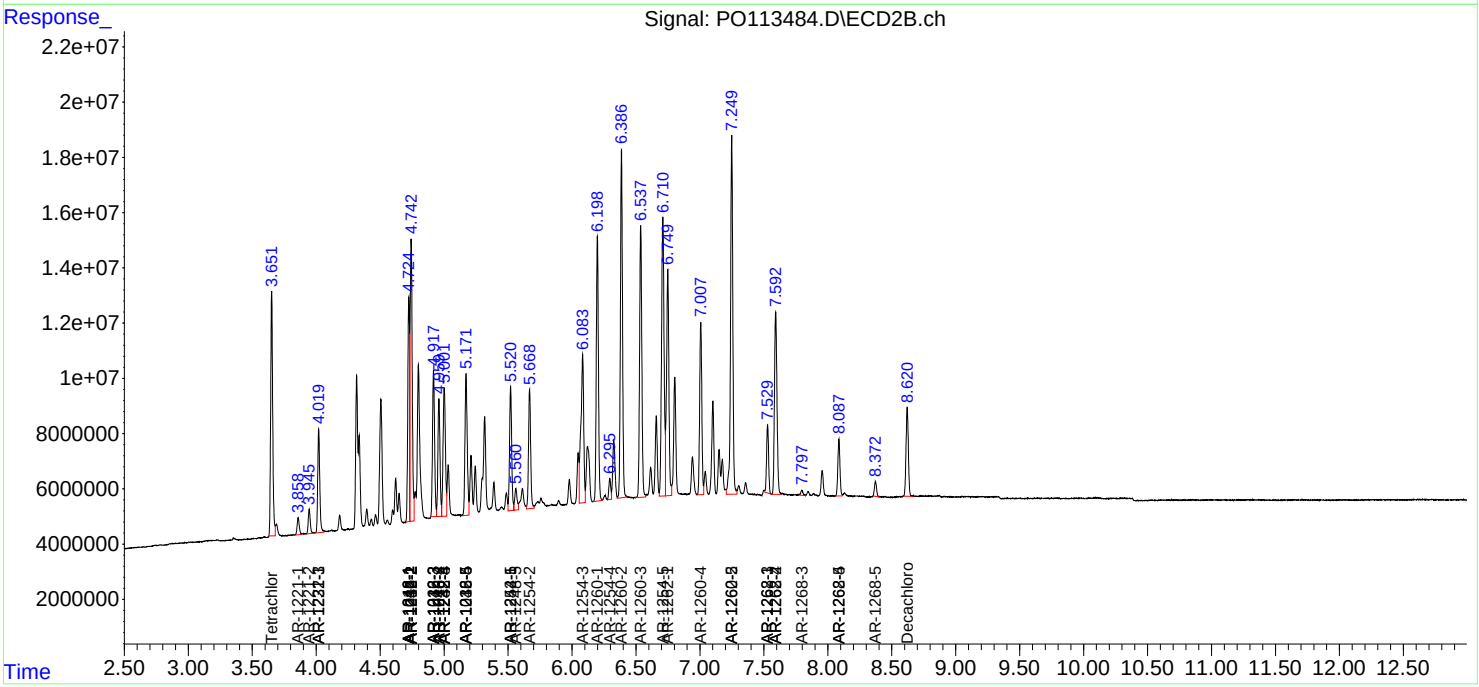
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:15
Operator : YP/AJ
Sample : PB169547BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

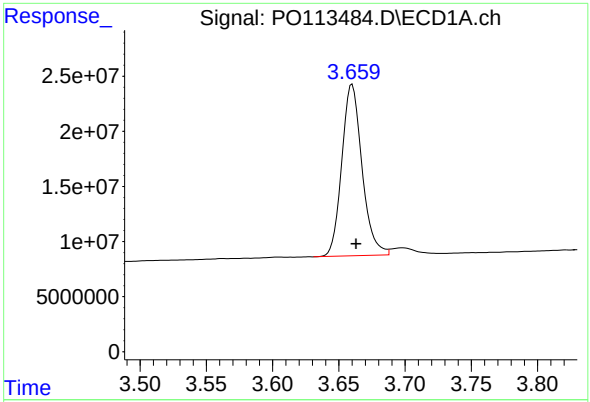
**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



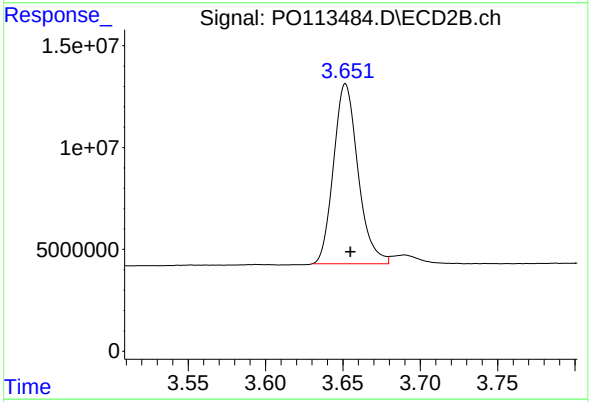






#1 Tetrachloro-m-xylene

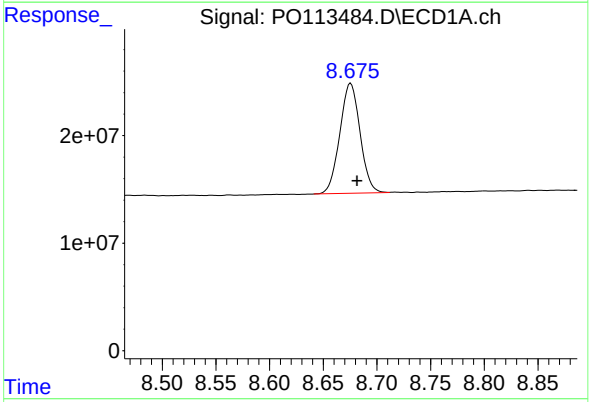
R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 165365966
Conc: 20.20 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



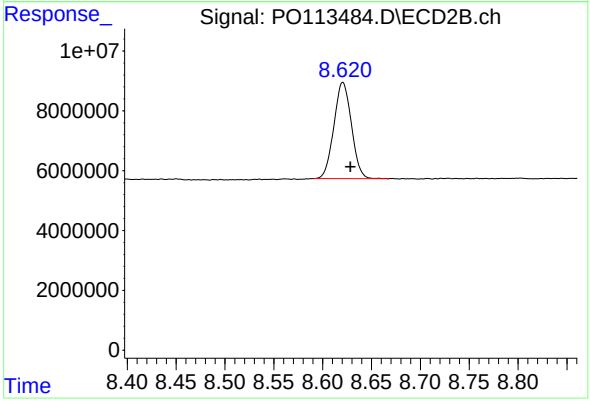

#1 Tetrachloro-m-xylene

R.T.: 3.652 min
Delta R.T.: -0.003 min
Response: 97230225
Conc: 19.21 ng/ml



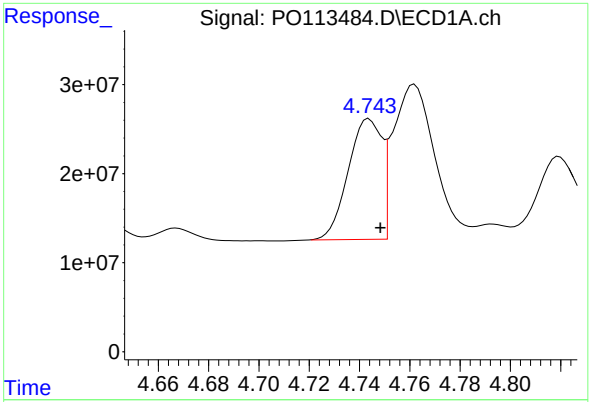

#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.006 min
Response: 134253910
Conc: 19.37 ng/ml




#2 Decachlorobiphenyl

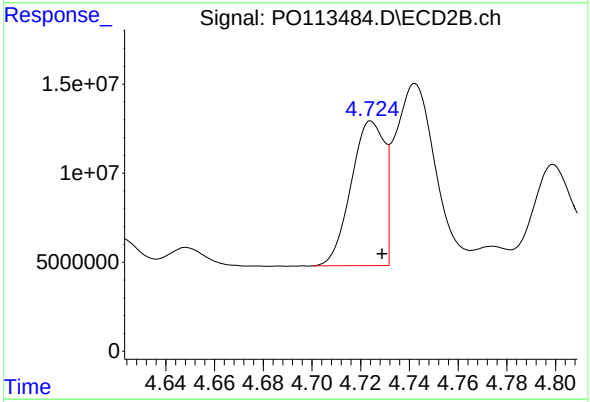
R.T.: 8.621 min
Delta R.T.: -0.008 min
Response: 40316798
Conc: 21.28 ng/ml




#3 AR-1016-1

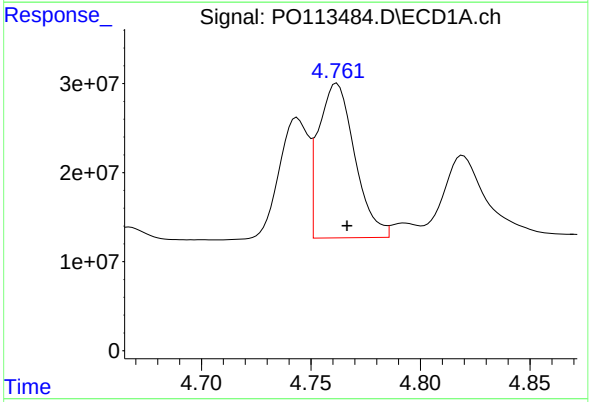
R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 125798938
Conc: 471.18 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



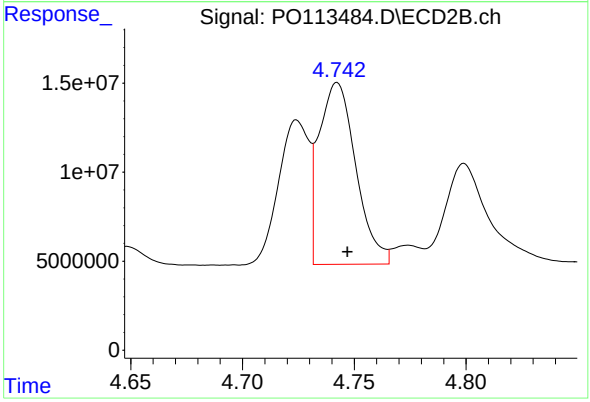

#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 77011024
Conc: 451.48 ng/ml



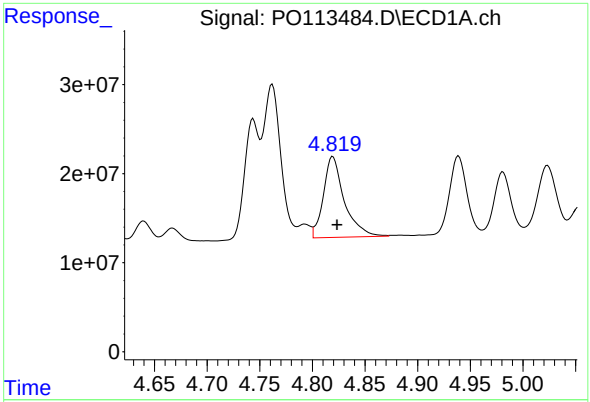

#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 199638799
Conc: 497.32 ng/ml




#4 AR-1016-2

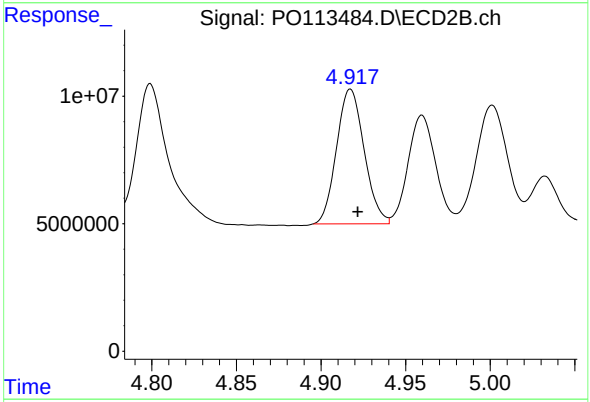
R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 117479628
Conc: 455.96 ng/ml




#5 AR-1016-3

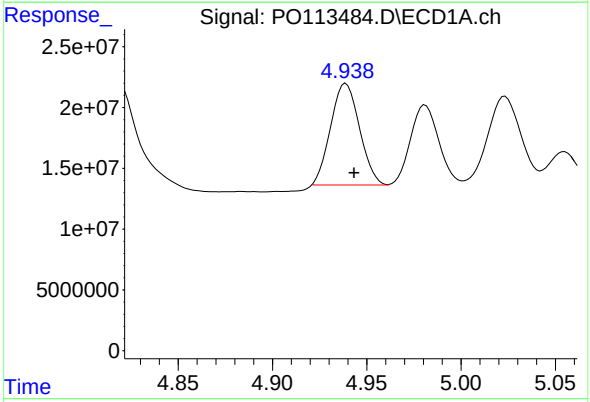
R.T.: 4.819 min
Delta R.T.: -0.004 min
Response: 125203123
Conc: 490.95 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



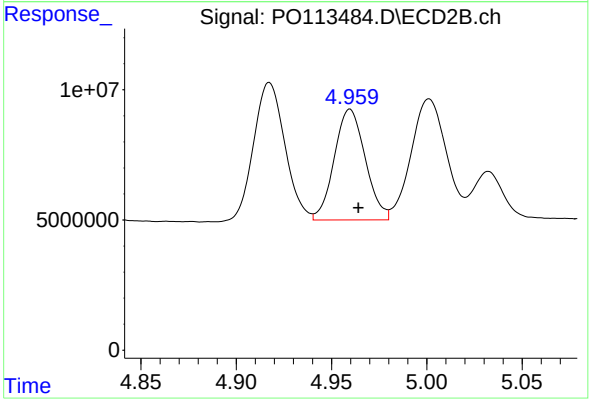

#5 AR-1016-3

R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 60060602
Conc: 430.19 ng/ml



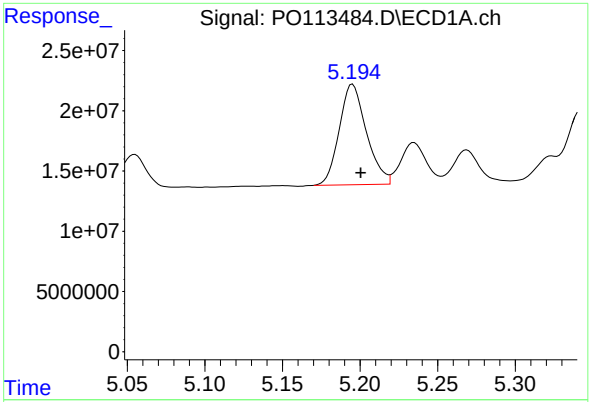

#6 AR-1016-4

R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 88962250
Conc: 407.96 ng/ml




#6 AR-1016-4

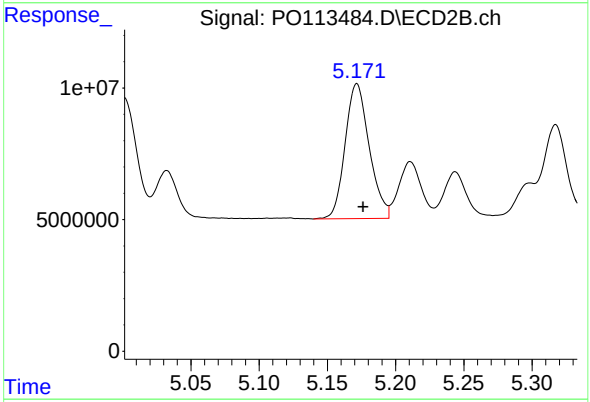
R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 48275247
Conc: 413.67 ng/ml




#7 AR-1016-5

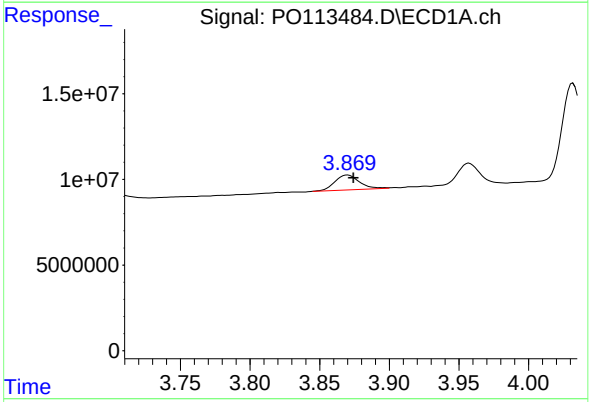
R.T.: 5.195 min
Delta R.T.: -0.005 min
Response: 101769994
Conc: 459.19 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



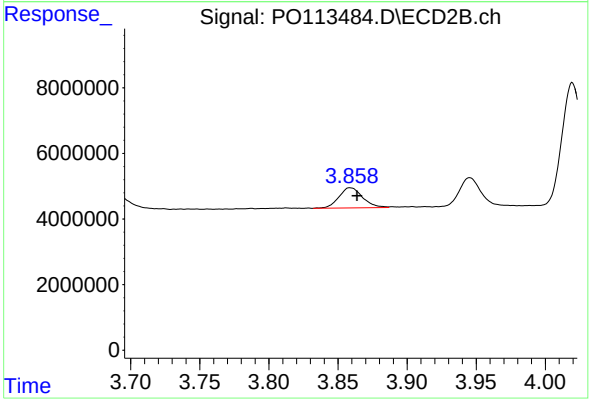

#7 AR-1016-5

R.T.: 5.172 min
Delta R.T.: -0.005 min
Response: 63023323
Conc: 442.18 ng/ml



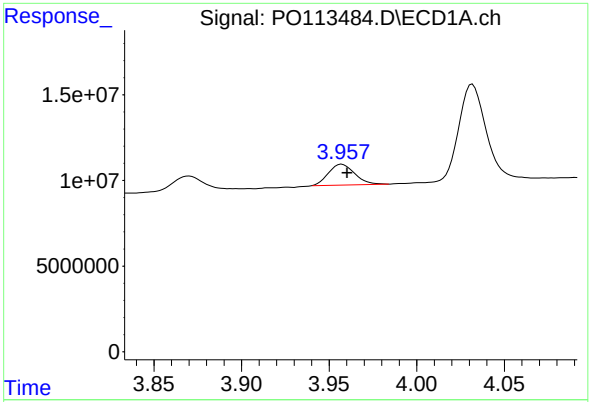

#8 AR-1221-1

R.T.: 3.870 min
Delta R.T.: -0.004 min
Response: 10604250
Conc: 113.33 ng/ml




#8 AR-1221-1

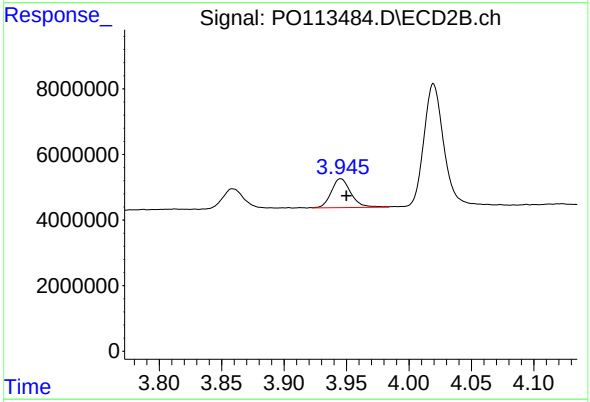
R.T.: 3.859 min
Delta R.T.: -0.005 min
Response: 7344331
Conc: 116.35 ng/ml




#9 AR-1221-2

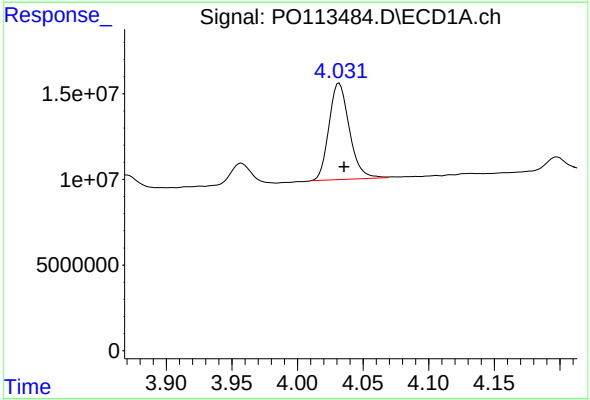
R.T.: 3.957 min
Delta R.T.: -0.003 min
Response: 12746914
Conc: 188.70 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



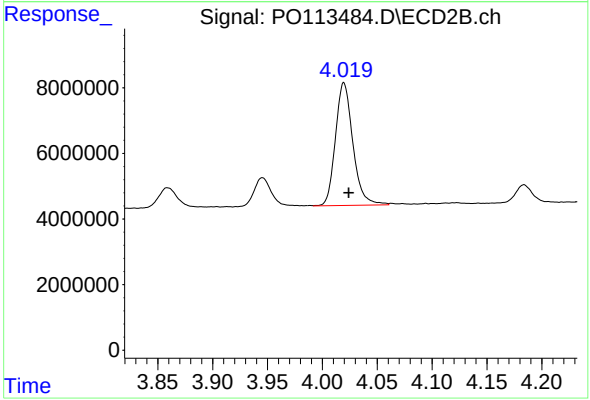

#9 AR-1221-2

R.T.: 3.945 min
Delta R.T.: -0.004 min
Response: 9639738
Conc: 206.54 ng/ml



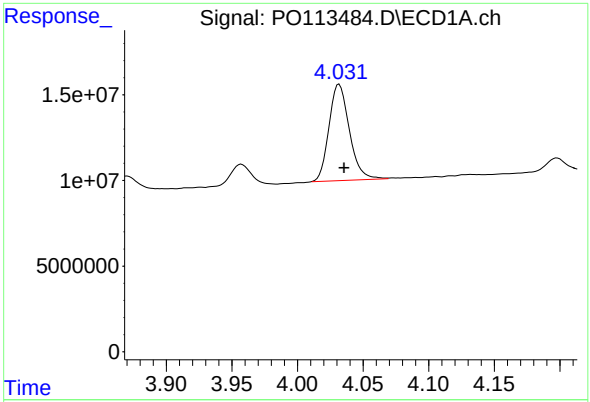

#10 AR-1221-3

R.T.: 4.032 min
Delta R.T.: -0.004 min
Response: 60801927
Conc: 274.69 ng/ml




#10 AR-1221-3

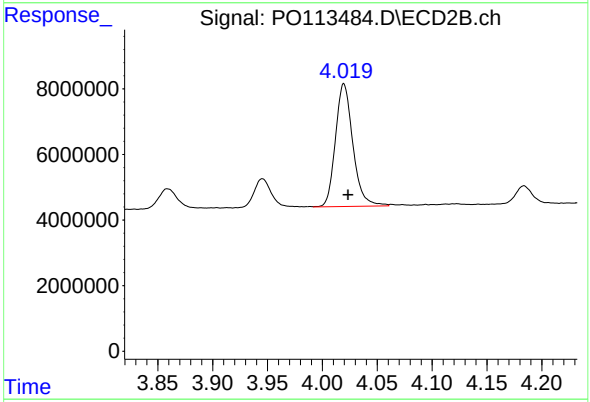
R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 41437013
Conc: 279.08 ng/ml




#11 AR-1232-1

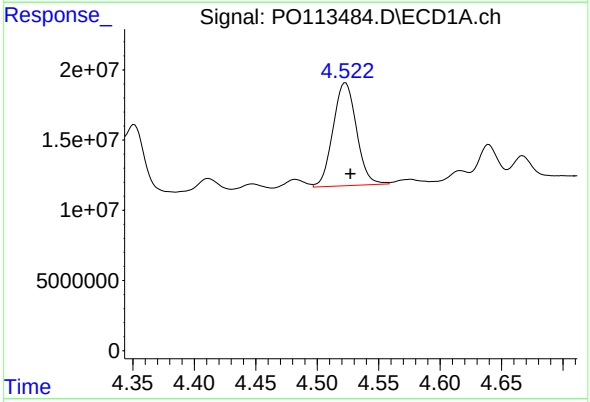
R.T.: 4.032 min
Delta R.T.: -0.004 min
Response: 60801927
Conc: 349.42 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



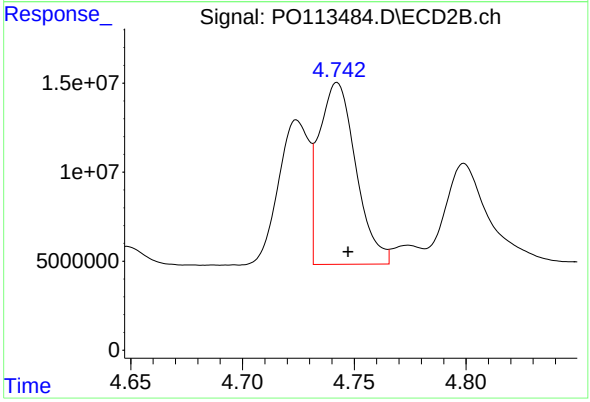

#11 AR-1232-1

R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 41437013
Conc: 352.95 ng/ml



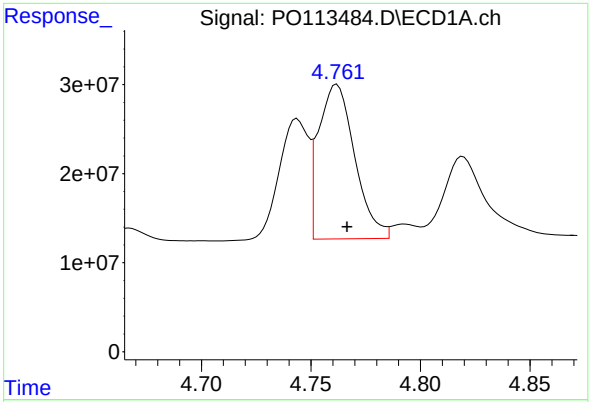

#12 AR-1232-2

R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 97206244
Conc: 973.50 ng/ml




#12 AR-1232-2

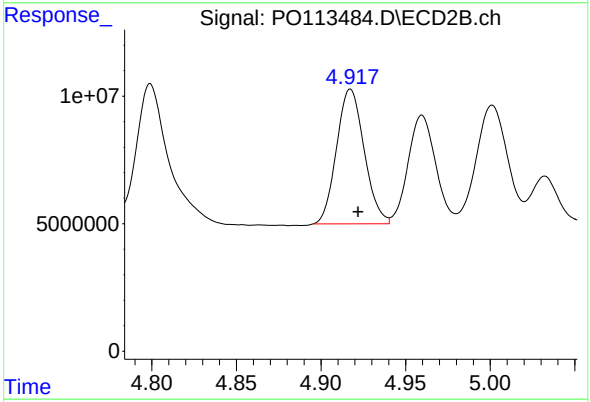
R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 117479628
Conc: 958.66 ng/ml




#13 AR-1232-3

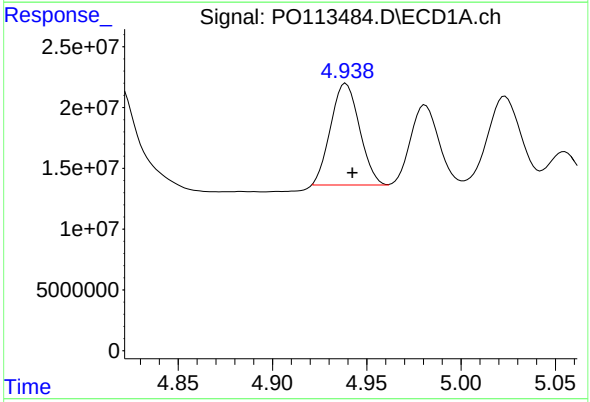
R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 199638799
Conc: 1053.64 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



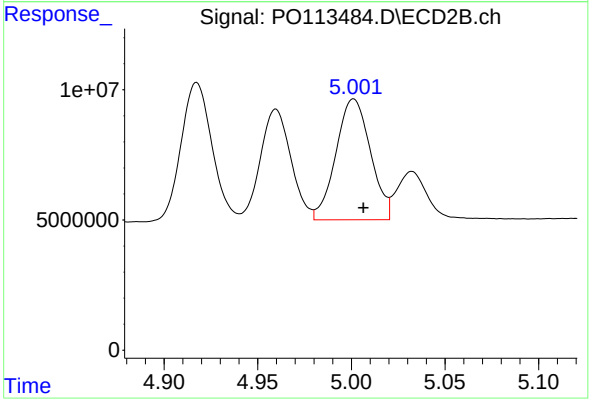

#13 AR-1232-3

R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 60060602
Conc: 948.14 ng/ml



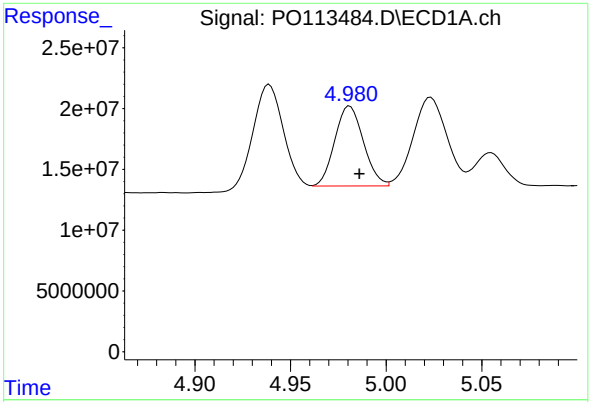

#14 AR-1232-4

R.T.: 4.939 min
Delta R.T.: -0.003 min
Response: 88962250
Conc: 944.70 ng/ml




#14 AR-1232-4

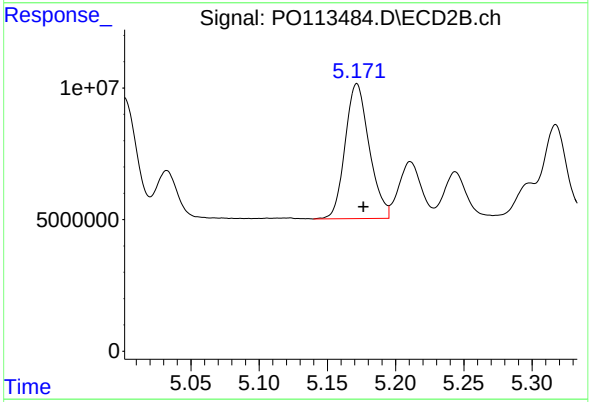
R.T.: 5.001 min
Delta R.T.: -0.005 min
Response: 59629737
Conc: 1060.63 ng/ml




#15 AR-1232-5

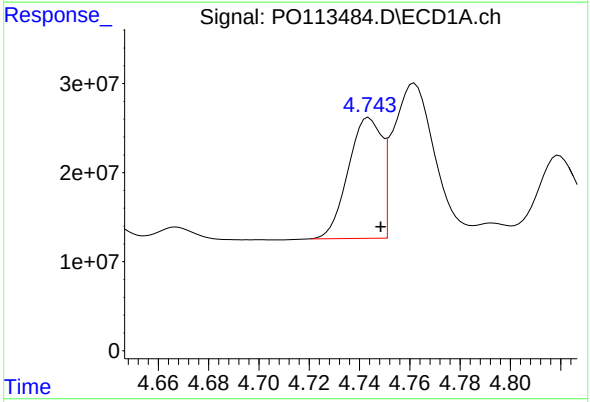
R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 68824038
Conc: 1111.09 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



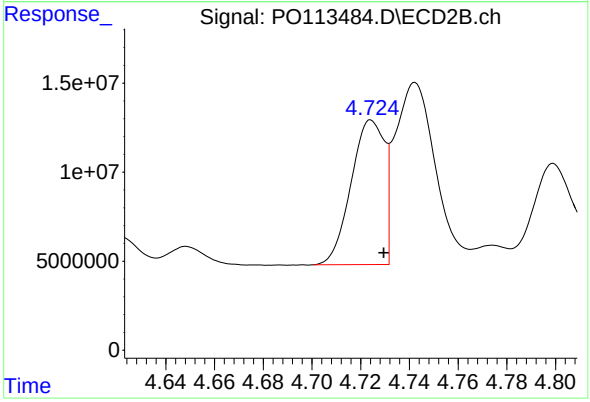

#15 AR-1232-5

R.T.: 5.172 min
Delta R.T.: -0.005 min
Response: 63023323
Conc: 1052.78 ng/ml



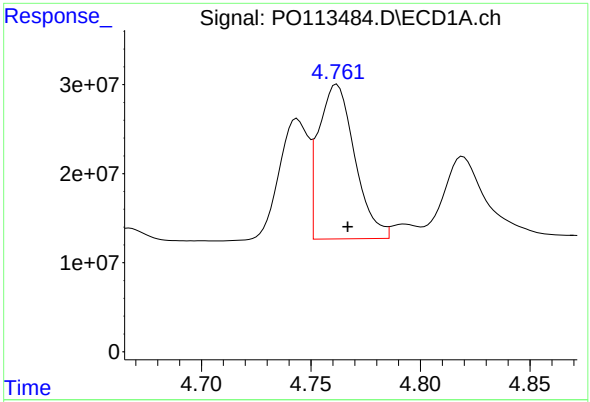

#16 AR-1242-1

R.T.: 4.744 min
Delta R.T.: -0.005 min
Response: 125798938
Conc: 547.11 ng/ml




#16 AR-1242-1

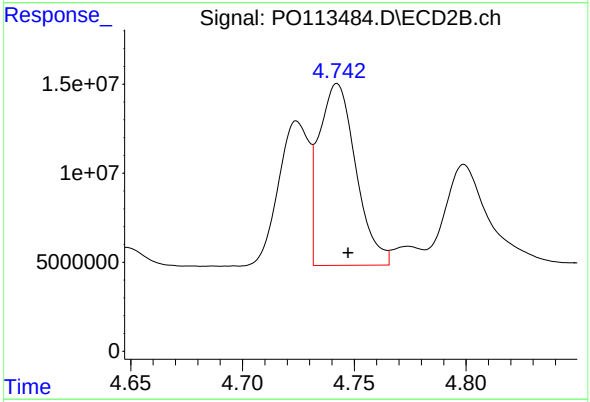
R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 77011024
Conc: 532.93 ng/ml




#17 AR-1242-2

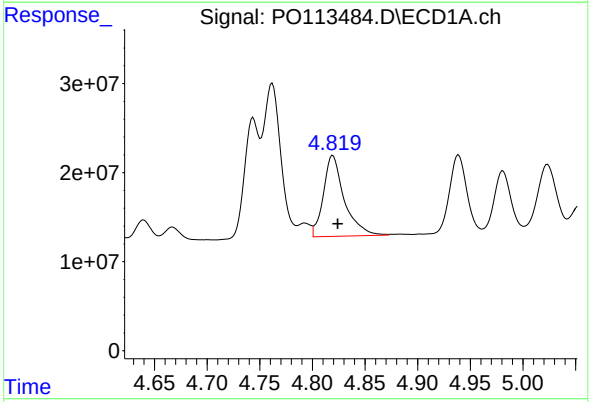
R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 199638799
Conc: 580.98 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



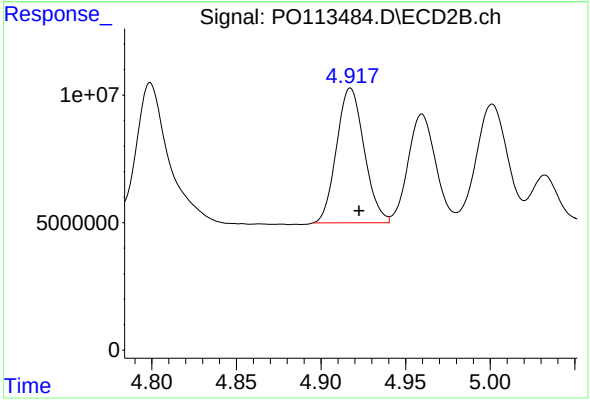

#17 AR-1242-2

R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 117479628
Conc: 541.60 ng/ml



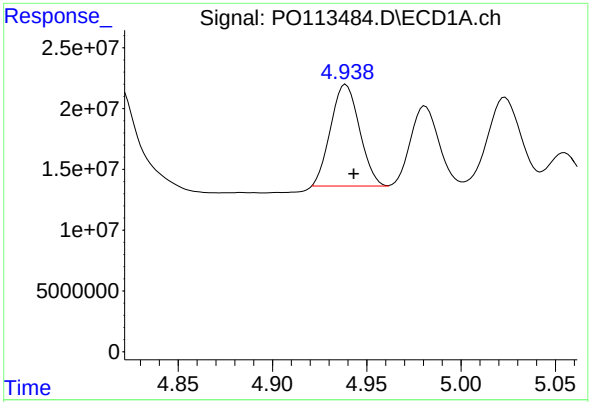

#18 AR-1242-3

R.T.: 4.819 min
Delta R.T.: -0.005 min
Response: 125203123
Conc: 564.27 ng/ml




#18 AR-1242-3

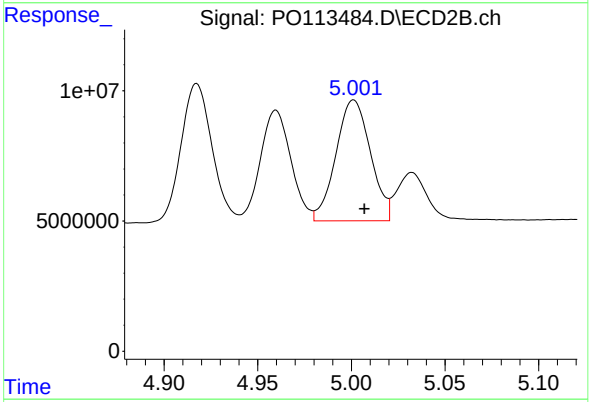
R.T.: 4.917 min
Delta R.T.: -0.005 min
Response: 60060602
Conc: 513.50 ng/ml




#19 AR-1242-4

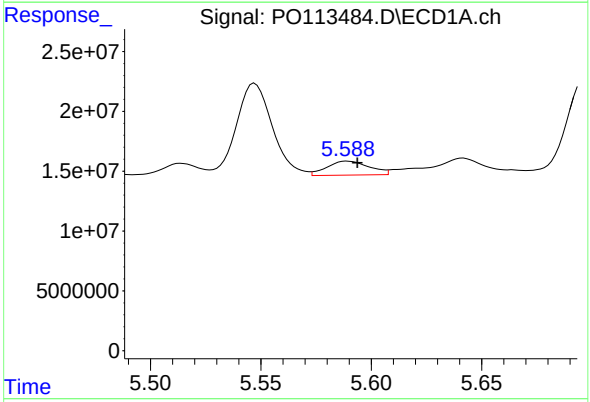
R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 88962250
Conc: 512.86 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



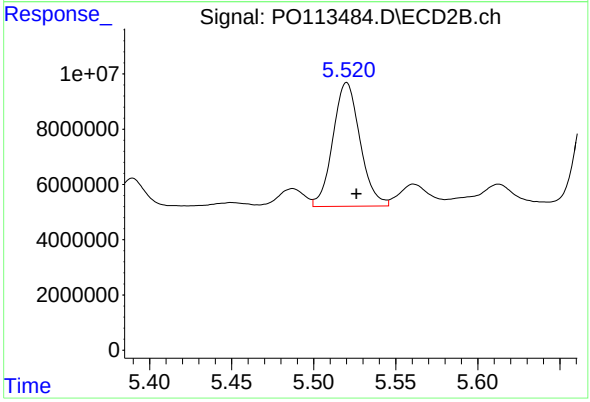

#19 AR-1242-4

R.T.: 5.001 min
Delta R.T.: -0.006 min
Response: 59629737
Conc: 506.89 ng/ml



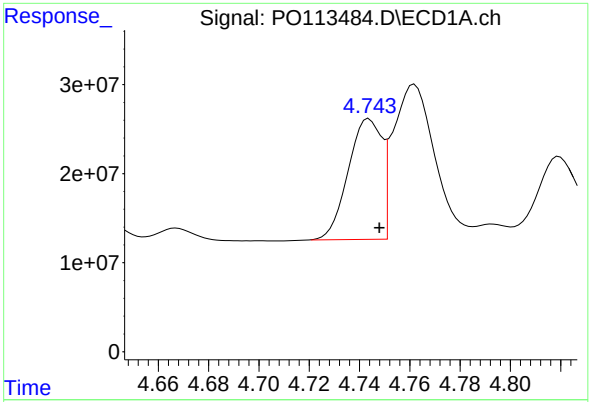

#20 AR-1242-5

R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 15575923
Conc: 77.82 ng/ml




#20 AR-1242-5

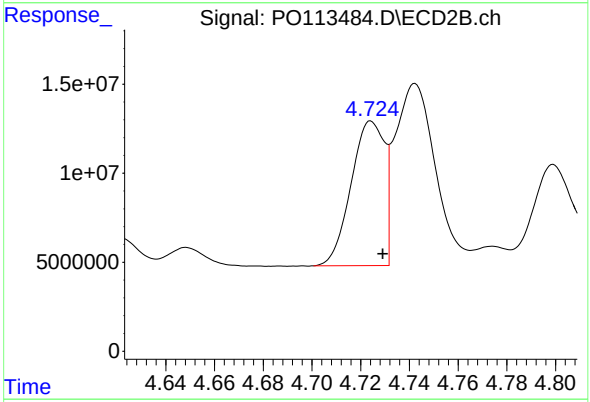
R.T.: 5.520 min
Delta R.T.: -0.006 min
Response: 51698555
Conc: 346.66 ng/ml




#21 AR-1248-1

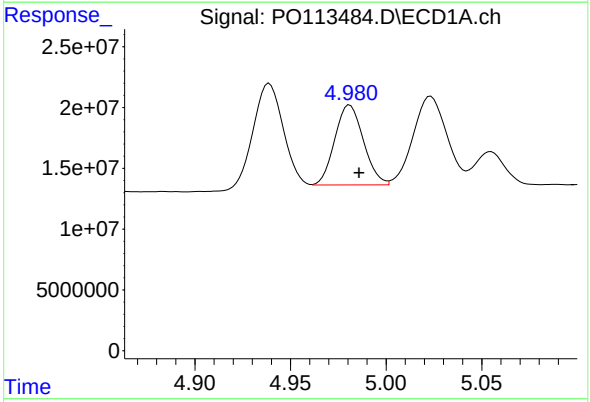
R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 125798938
Conc: 721.05 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



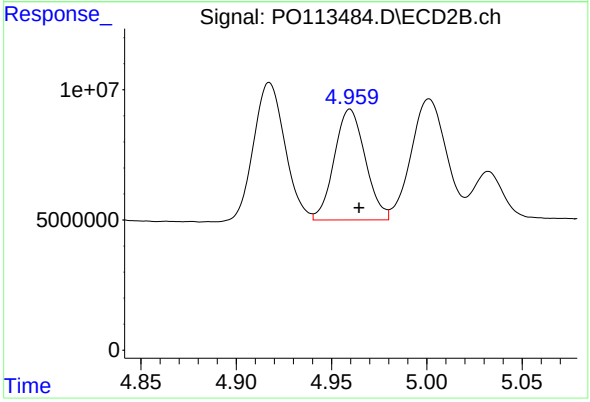

#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 77011024
Conc: 690.61 ng/ml



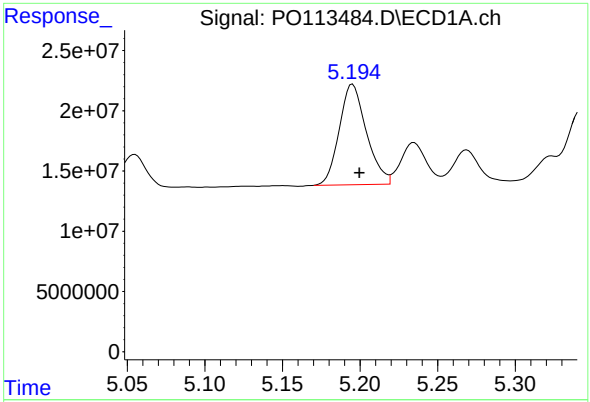

#22 AR-1248-2

R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 68824038
Conc: 284.55 ng/ml




#22 AR-1248-2

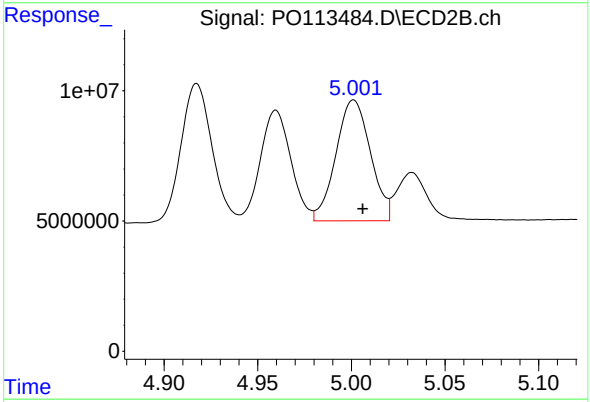
R.T.: 4.960 min
Delta R.T.: -0.005 min
Response: 48275247
Conc: 300.41 ng/ml




#23 AR-1248-3

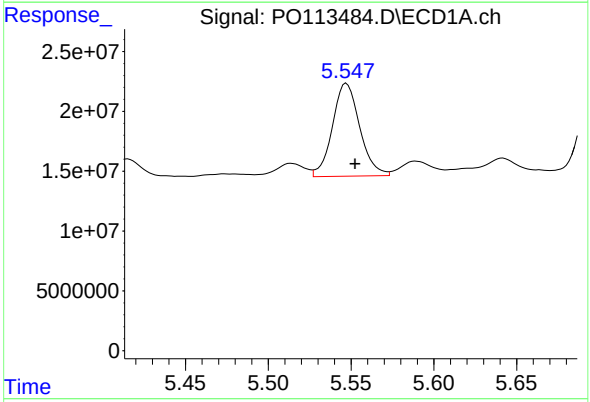
R.T.: 5.195 min
Delta R.T.: -0.004 min
Response: 101769994
Conc: 319.16 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



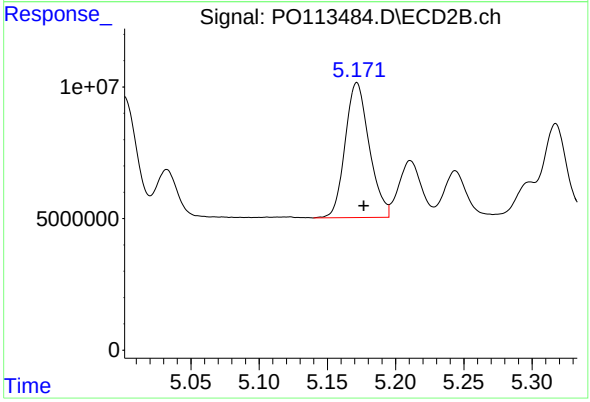

#23 AR-1248-3

R.T.: 5.001 min
Delta R.T.: -0.005 min
Response: 59629737
Conc: 351.46 ng/ml



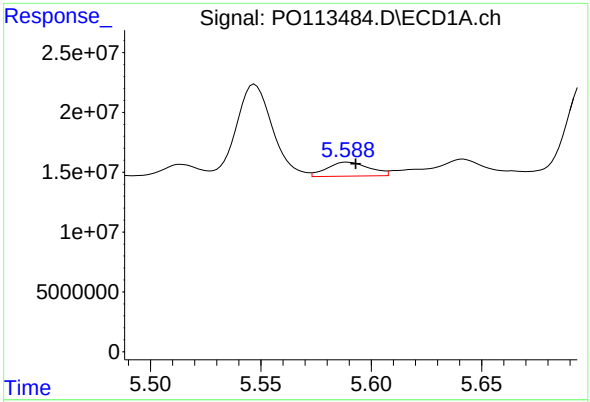

#24 AR-1248-4

R.T.: 5.547 min
Delta R.T.: -0.005 min
Response: 89061353
Conc: 178.26 ng/ml




#24 AR-1248-4

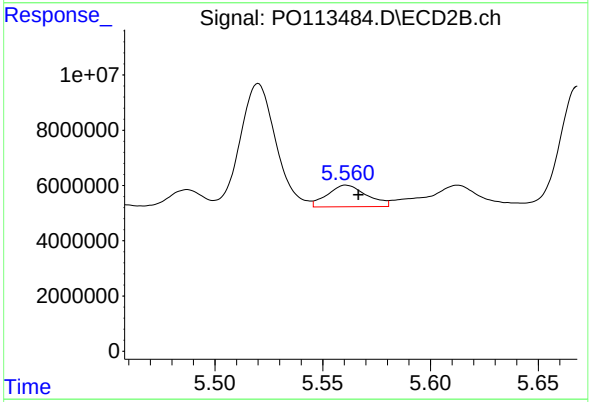
R.T.: 5.172 min
Delta R.T.: -0.005 min
Response: 63023323
Conc: 316.35 ng/ml




#25 AR-1248-5

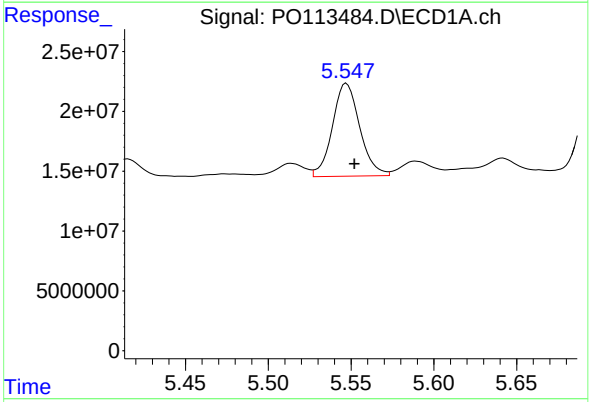
R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 15575923
Conc: 45.61 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



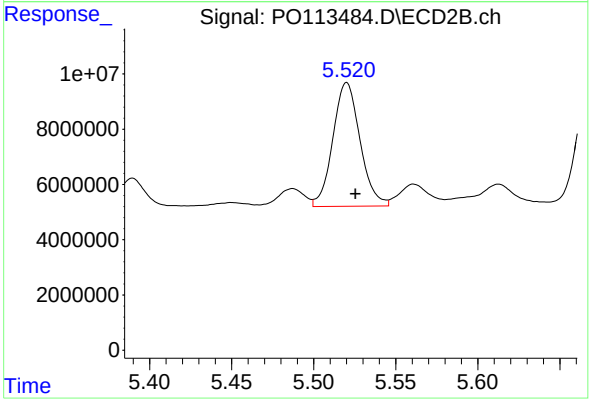

#25 AR-1248-5

R.T.: 5.561 min
Delta R.T.: -0.006 min
Response: 9930143
Conc: 46.77 ng/ml



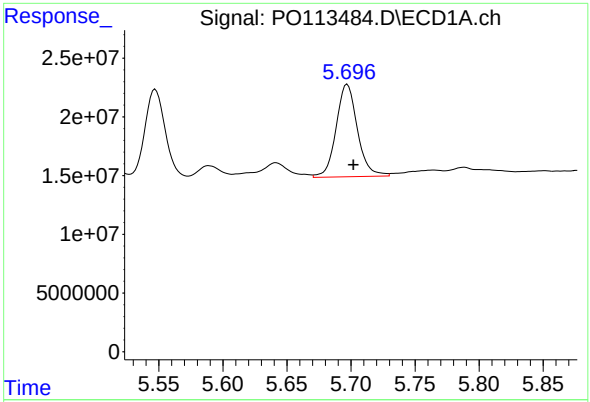

#26 AR-1254-1

R.T.: 5.547 min
Delta R.T.: -0.005 min
Response: 89061353
Conc: 164.94 ng/ml




#26 AR-1254-1

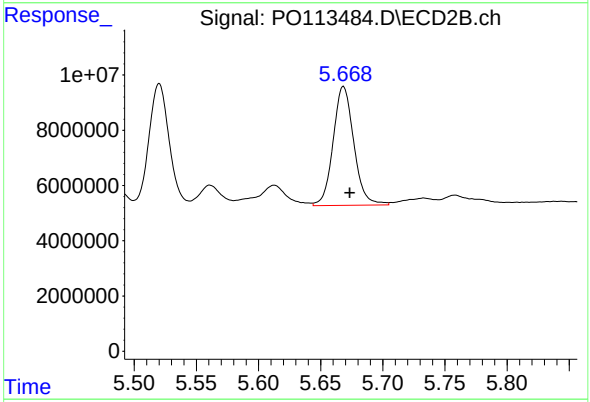
R.T.: 5.520 min
Delta R.T.: -0.005 min
Response: 51698555
Conc: 163.94 ng/ml




#27 AR-1254-2

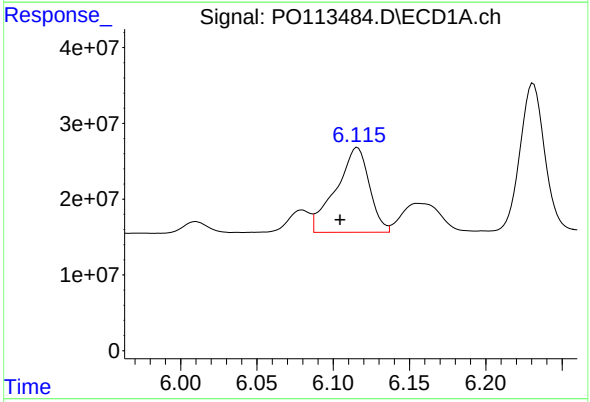
R.T.: 5.697 min
Delta R.T.: -0.005 min
Response: 91056121
Conc: 184.53 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



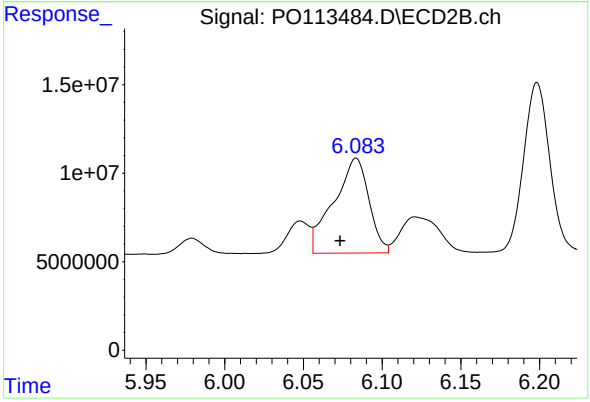

#27 AR-1254-2

R.T.: 5.668 min
Delta R.T.: -0.005 min
Response: 49833729
Conc: 177.76 ng/ml



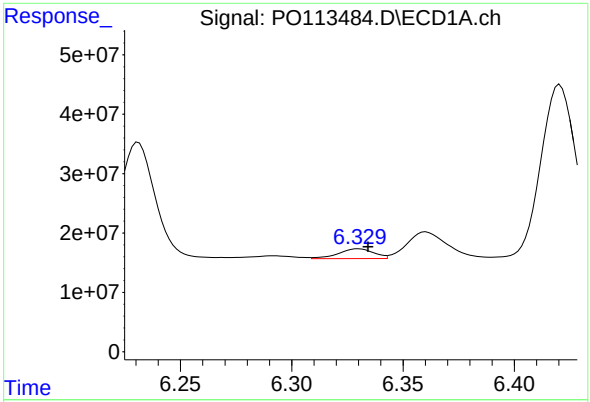

#28 AR-1254-3

R.T.: 6.116 min
Delta R.T.: 0.011 min
Response: 170340874
Conc: 230.54 ng/ml




#28 AR-1254-3

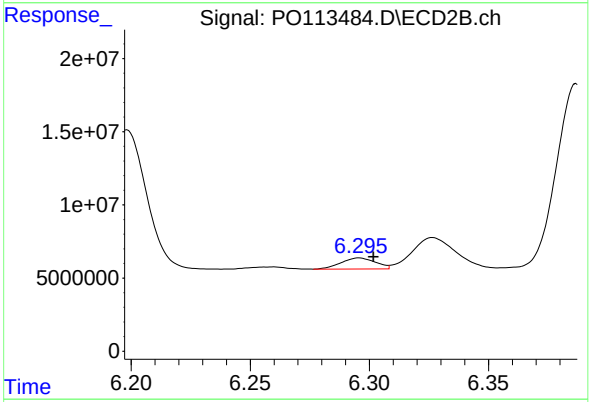
R.T.: 6.083 min
Delta R.T.: 0.010 min
Response: 83515556
Conc: 200.31 ng/ml




#29 AR-1254-4

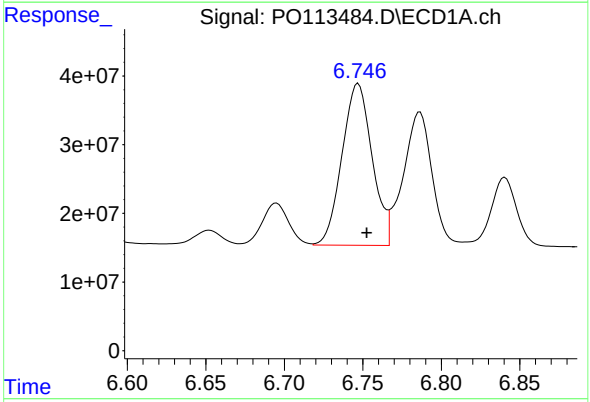
R.T.: 6.330 min
Delta R.T.: -0.004 min
Response: 18172712
Conc: 32.63 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



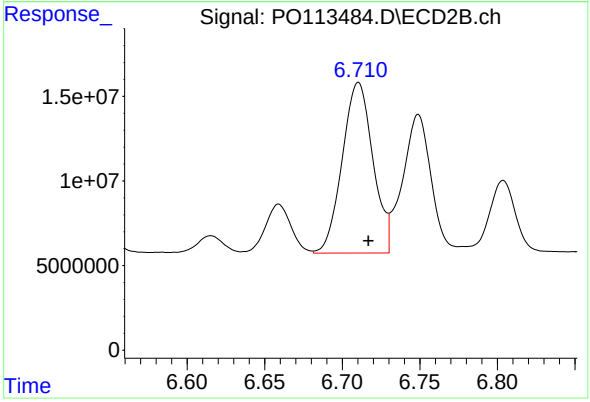

#29 AR-1254-4

R.T.: 6.296 min
Delta R.T.: -0.006 min
Response: 7653729
Conc: 27.85 ng/ml



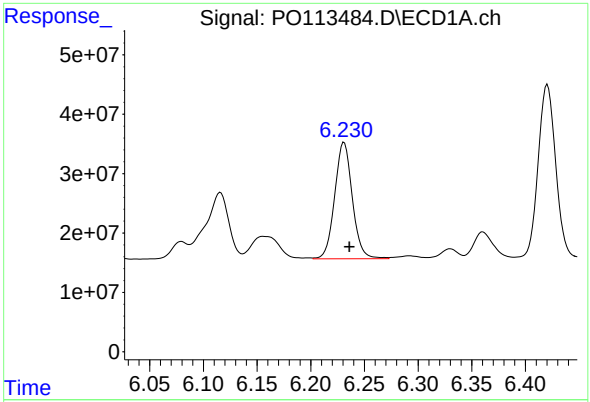

#30 AR-1254-5

R.T.: 6.747 min
Delta R.T.: -0.005 min
Response: 314350968
Conc: 448.45 ng/ml




#30 AR-1254-5

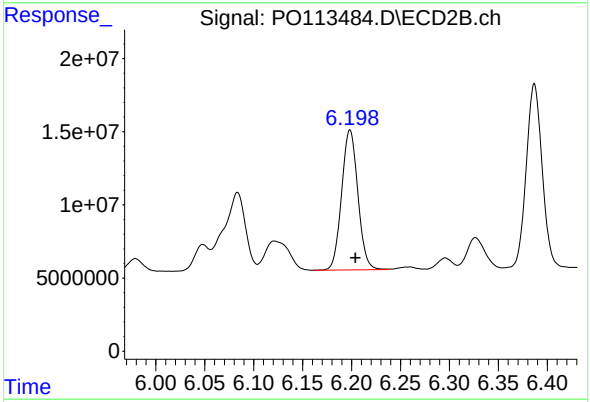
R.T.: 6.710 min
Delta R.T.: -0.006 min
Response: 138790489
Conc: 388.24 ng/ml




#31 AR-1260-1

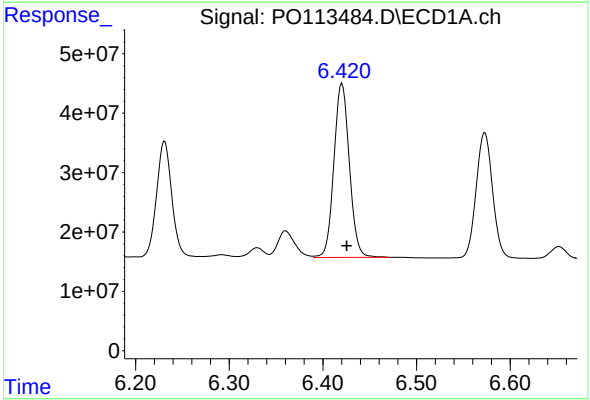
R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 224356091
Conc: 503.06 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



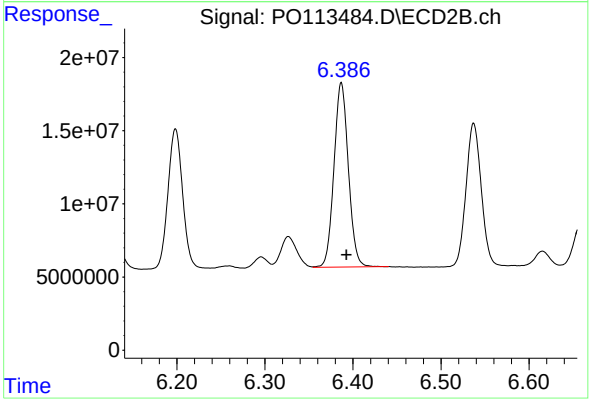

#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 110486144
Conc: 433.16 ng/ml



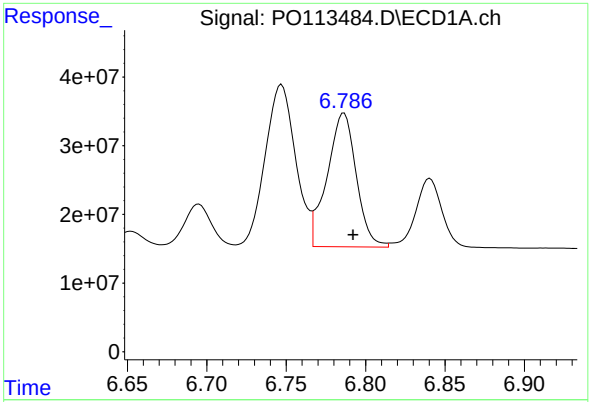

#32 AR-1260-2

R.T.: 6.420 min
Delta R.T.: -0.005 min
Response: 334974434
Conc: 487.79 ng/ml




#32 AR-1260-2

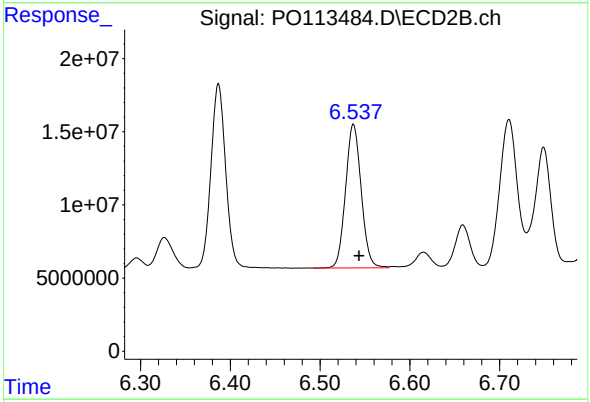
R.T.: 6.387 min
Delta R.T.: -0.006 min
Response: 143323016
Conc: 414.57 ng/ml




#33 AR-1260-3

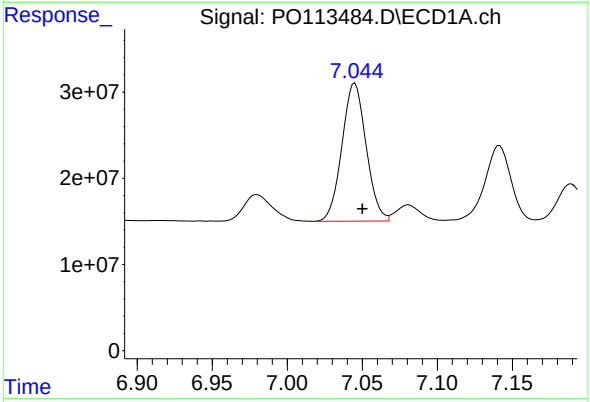
R.T.: 6.786 min
Delta R.T.: -0.006 min
Response: 248962933
Conc: 403.20 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



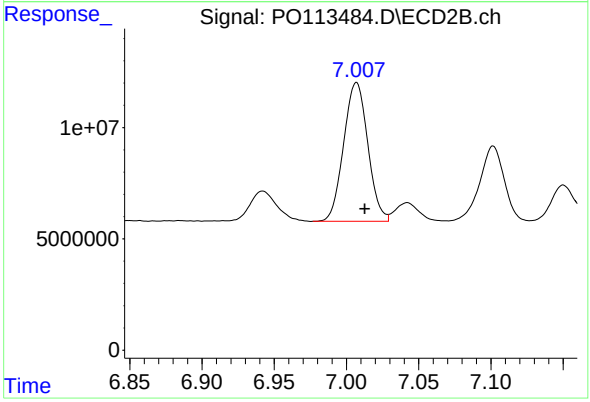

#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 118882363
Conc: 399.69 ng/ml



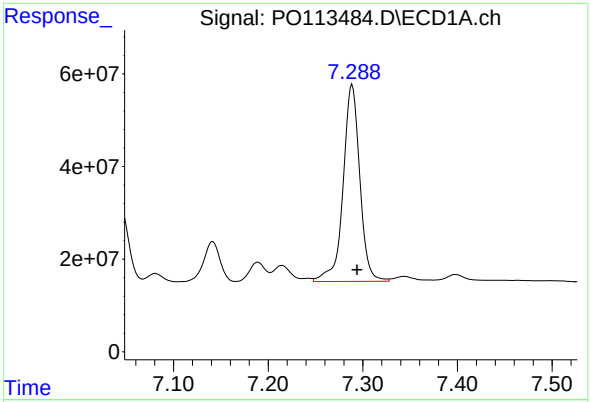

#34 AR-1260-4

R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 179623045
Conc: 401.06 ng/ml




#34 AR-1260-4

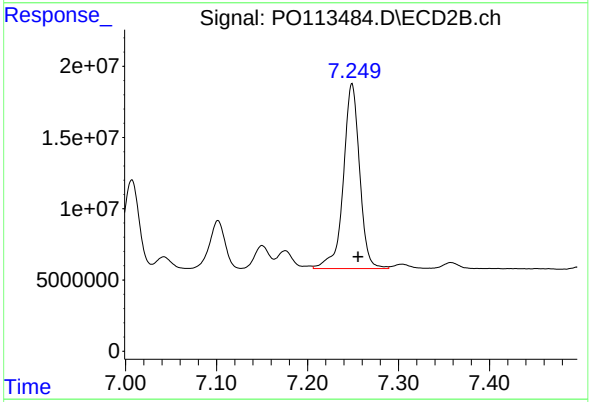
R.T.: 7.007 min
Delta R.T.: -0.006 min
Response: 72649696
Conc: 350.54 ng/ml




#35 AR-1260-5

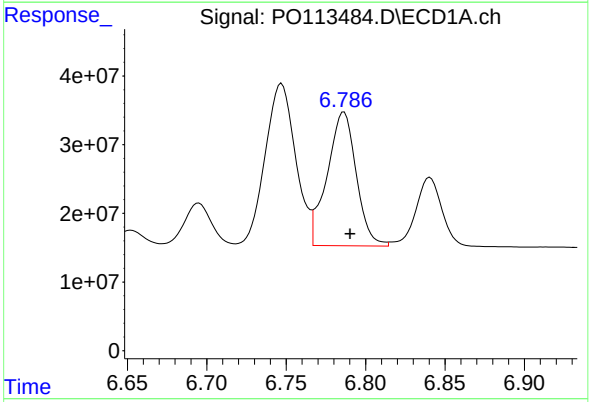
R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 522105570
Conc: 431.25 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



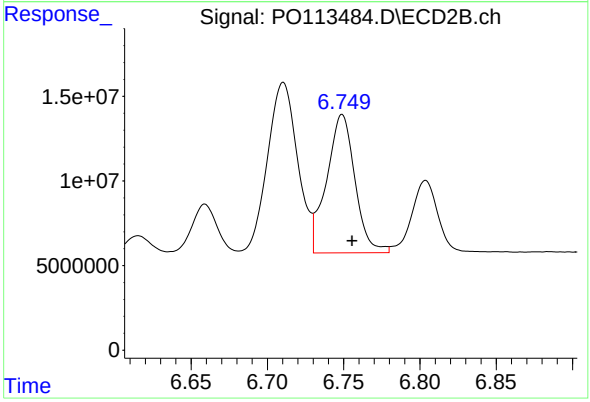

#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 161173655
Conc: 344.07 ng/ml



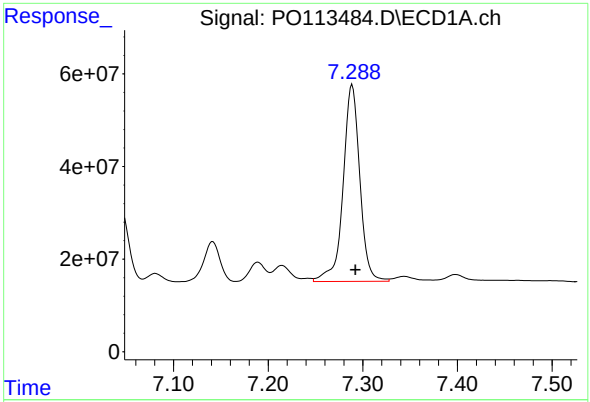

#36 AR-1262-1

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 248962933
Conc: 271.86 ng/ml




#36 AR-1262-1

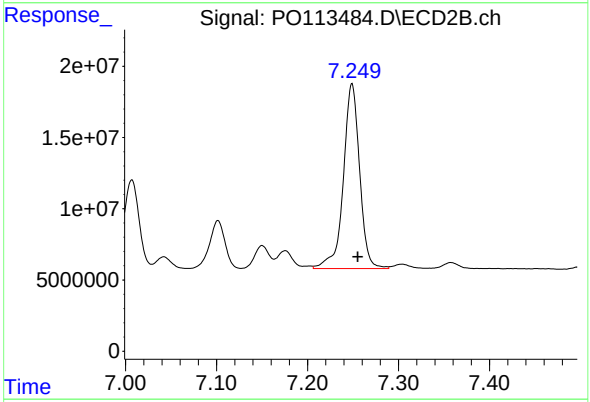
R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 105773899
Conc: 255.11 ng/ml




#37 AR-1262-2

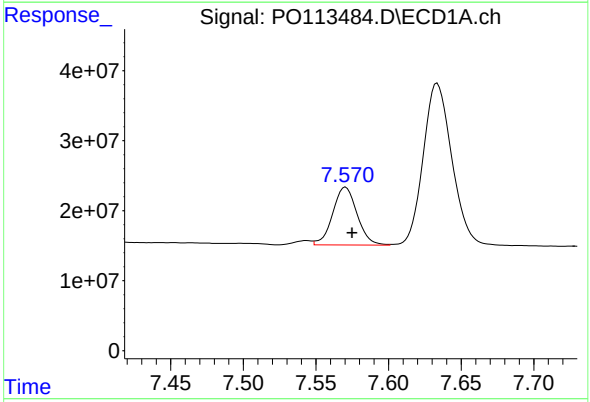
R.T.: 7.289 min
Delta R.T.: -0.003 min
Response: 522105570
Conc: 345.27 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



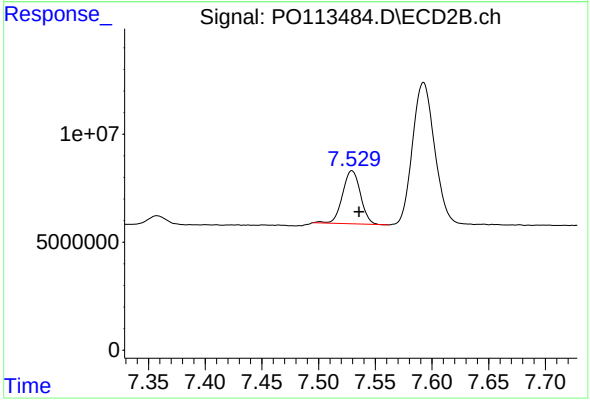

#37 AR-1262-2

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 161173655
Conc: 311.34 ng/ml



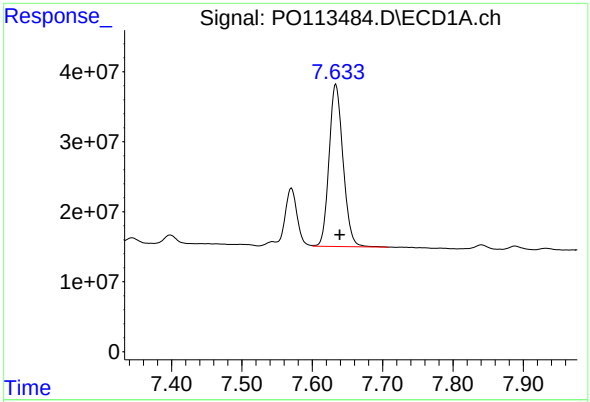

#38 AR-1262-3

R.T.: 7.570 min
Delta R.T.: -0.004 min
Response: 96620392
Conc: 174.37 ng/ml




#38 AR-1262-3

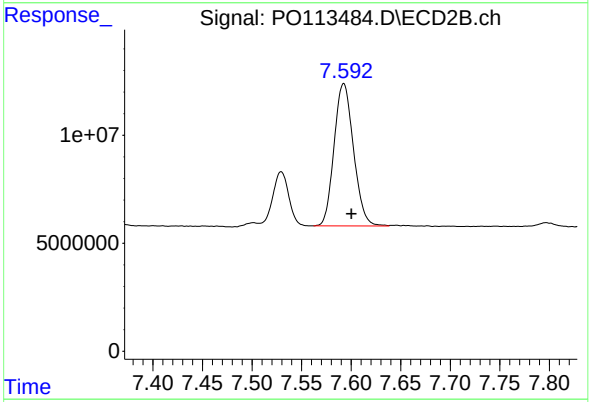
R.T.: 7.529 min
Delta R.T.: -0.006 min
Response: 27104076
Conc: 150.92 ng/ml




#39 AR-1262-4

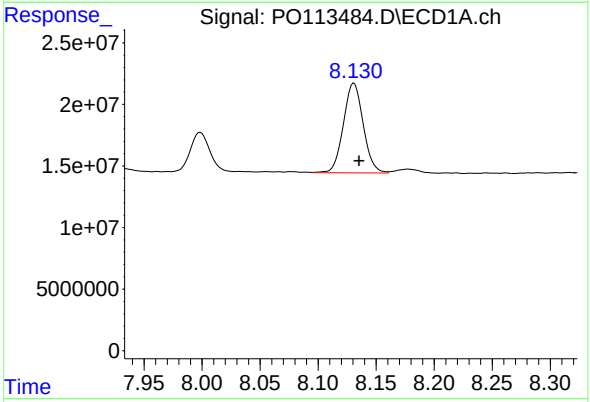
R.T.: 7.634 min
Delta R.T.: -0.006 min
Response: 320264709
Conc: 327.48 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



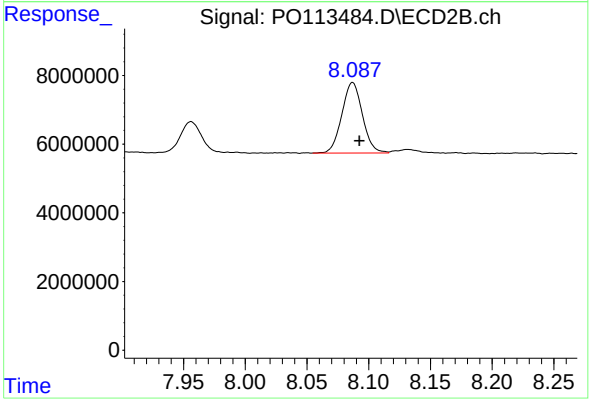

#39 AR-1262-4

R.T.: 7.593 min
Delta R.T.: -0.008 min
Response: 89908955
Conc: 310.14 ng/ml



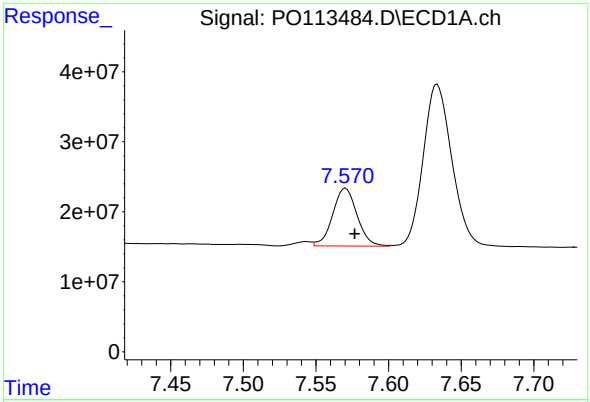

#40 AR-1262-5

R.T.: 8.131 min
Delta R.T.: -0.004 min
Response: 86619999
Conc: 207.78 ng/ml




#40 AR-1262-5

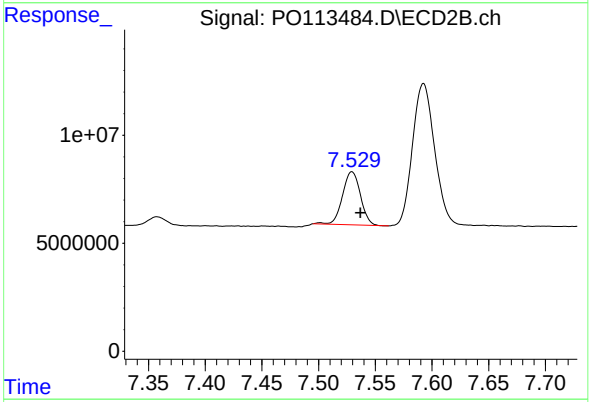
R.T.: 8.087 min
Delta R.T.: -0.005 min
Response: 23815178
Conc: 219.84 ng/ml




#41 AR-1268-1

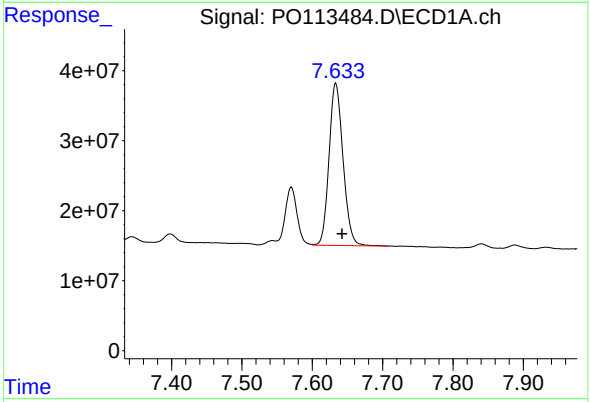
R.T.: 7.570 min
Delta R.T.: -0.006 min
Response: 96620392
Conc: 56.15 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



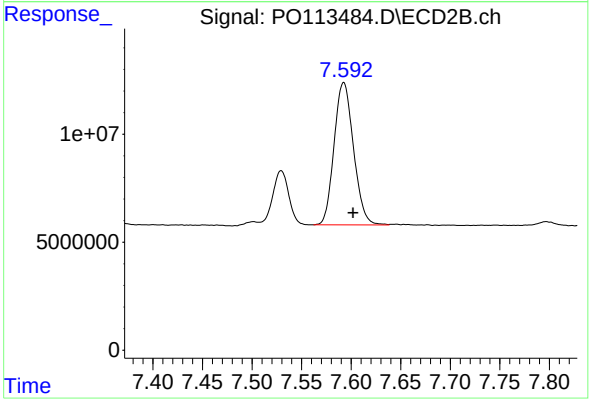

#41 AR-1268-1

R.T.: 7.529 min
Delta R.T.: -0.007 min
Response: 27104076
Conc: 53.20 ng/ml



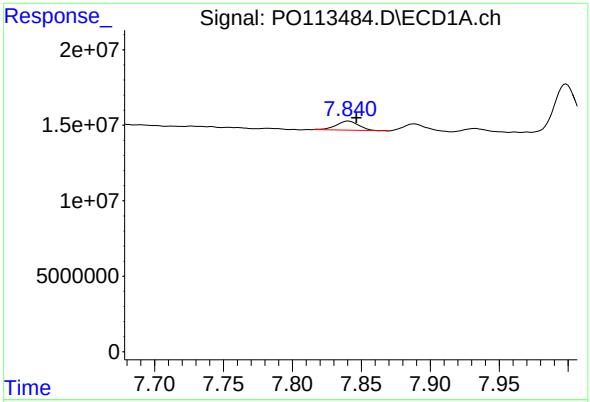

#42 AR-1268-2

R.T.: 7.634 min
Delta R.T.: -0.009 min
Response: 320264709
Conc: 221.15 ng/ml




#42 AR-1268-2

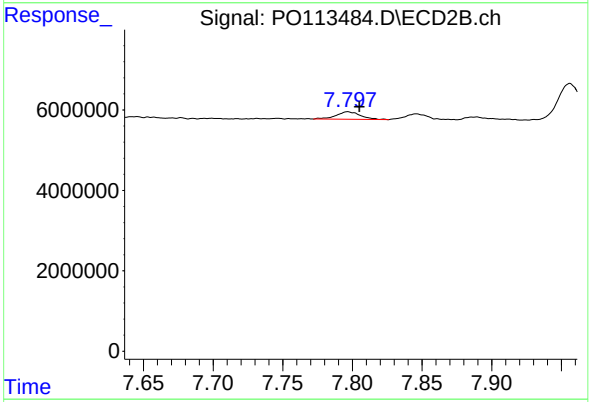
R.T.: 7.593 min
Delta R.T.: -0.010 min
Response: 89908955
Conc: 216.44 ng/ml




#43 AR-1268-3

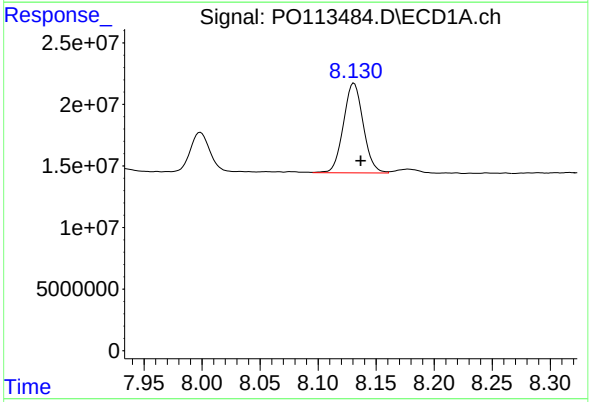
R.T.: 7.841 min
Delta R.T.: -0.006 min
Response: 6865339
Conc: 5.69 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS



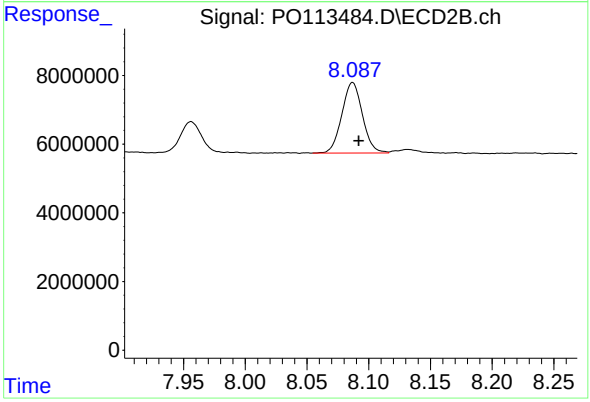

#43 AR-1268-3

R.T.: 7.797 min
Delta R.T.: -0.008 min
Response: 2294358
Conc: 7.03 ng/ml



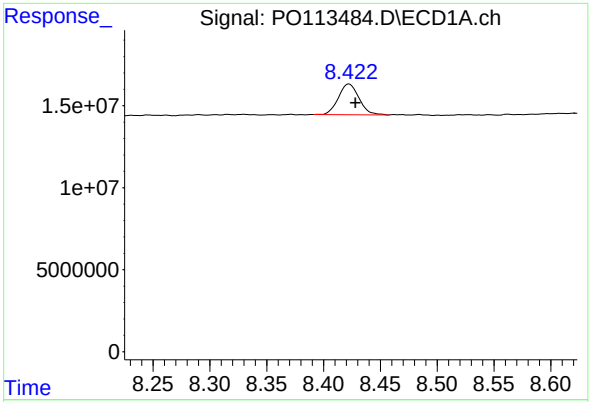

#44 AR-1268-4

R.T.: 8.131 min
Delta R.T.: -0.006 min
Response: 86619999
Conc: 188.03 ng/ml




#44 AR-1268-4

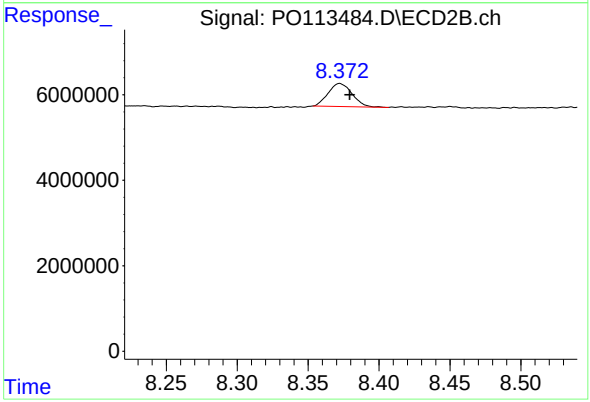
R.T.: 8.087 min
Delta R.T.: -0.005 min
Response: 23815178
Conc: 197.75 ng/ml




#45 AR-1268-5

R.T.: 8.422 min
Delta R.T.: -0.006 min
Response: 23754832
Conc: 7.45 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BS




#45 AR-1268-5

R.T.: 8.372 min
Delta R.T.: -0.007 min
Response: 6313988
Conc: 8.08 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:33
Operator : YP/AJ
Sample : PB169547BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.660 | 3.651 | 160.0E6 | 94042684 | 19.547 | 18.583 | |
| 2) | SA Decachlor... | 8.675 | 8.620 | 130.4E6 | 38829789 | 18.814 | 20.492 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 4.744 | 4.724 | 127.4E6 | 75153410 | 477.204 | 440.592 | |
| 4) | L1 AR-1016-2 | 4.762 | 4.742 | 191.7E6 | 114.1E6 | 477.578 | 443.025 | |
| 5) | L1 AR-1016-3 | 4.819 | 4.917 | 122.1E6 | 57976578 | 478.893 | 415.262 | |
| 6) | L1 AR-1016-4 | 4.939 | 4.959 | 91498415 | 46591285 | 419.587 | 399.243 | |
| 7) | L1 AR-1016-5 | 5.195 | 5.171 | 100.3E6 | 61173532 | 452.374 | 429.198 | |
| 8) | L2 AR-1221-1 | 3.871 | 3.858 | 10489863 | 7248410 | 112.103 | 114.833 | |
| 9) | L2 AR-1221-2 | 3.958 | 3.945 | 12299465 | 9471020 | 182.078 | 202.922 | |
| 10) | L2 AR-1221-3 | 4.032 | 4.019 | 59666495 | 41302443 | 269.556 | 278.178 | |
| 11) | L3 AR-1232-1 | 4.032 | 4.019 | 59666495 | 41302443 | 342.898 | 351.802 | |
| 12) | L3 AR-1232-2 | 4.523 | 4.742 | 94347210 | 114.1E6 | 944.866 | 931.479 | |
| 13) | L3 AR-1232-3 | 4.762 | 4.917 | 191.7E6 | 57976578 | 1011.819 | 915.242 | |
| 14) | L3 AR-1232-4 | 4.939 | 5.001 | 91498415 | 57663717 | 971.635 | 1025.658 | |
| 15) | L3 AR-1232-5 | 4.981 | 5.171 | 70507391 | 61173532 | 1138.263 | 1021.883 | |
| 16) | L4 AR-1242-1 | 4.744 | 4.724 | 127.4E6 | 75153410 | 554.104 | 520.077 | |
| 17) | L4 AR-1242-2 | 4.762 | 4.742 | 191.7E6 | 114.1E6 | 557.918 | 526.244 | |
| 18) | L4 AR-1242-3 | 4.819 | 4.917 | 122.1E6 | 57976578 | 550.415 | 495.678 | |
| 19) | L4 AR-1242-4 | 4.939 | 5.001 | 91498415 | 57663717 | 527.482 | 490.182 | |
| 20) | L4 AR-1242-5 | 5.589 | 5.521 | 15393120 | 49936502 | 76.903 | 334.846 | # |
| 21) | L5 AR-1248-1 | 4.744 | 4.724 | 127.4E6 | 75153410 | 730.262 | 673.950 | |
| 22) | L5 AR-1248-2 | 4.981 | 4.959 | 70507391 | 46591285 | 291.515 | 289.929 | |
| 23) | L5 AR-1248-3 | 5.195 | 5.001 | 100.3E6 | 57663717 | 314.425 | 339.877 | |
| 24) | L5 AR-1248-4 | 5.548 | 5.171 | 86769463 | 61173532 | 173.676 | 307.065 | # |
| 25) | L5 AR-1248-5 | 5.589 | 5.561 | 15393120 | 9818878 | 45.076 | 46.251 | |
| 26) | L6 AR-1254-1 | 5.548 | 5.521 | 86769463 | 49936502 | 160.691 | 158.351 | |
| 27) | L6 AR-1254-2 | 5.697 | 5.668 | 88831551 | 48770349 | 180.020 | 173.969 | |
| 28) | L6 AR-1254-3 | 6.115 | 6.083 | 164.5E6 | 81494666 | 222.597 | 195.467 | |
| 29) | L6 AR-1254-4 | 6.329 | 6.296 | 17442276 | 7720916 | 31.315 | 28.093 | |
| 30) | L6 AR-1254-5 | 6.747 | 6.711 | 312.8E6 | 136.9E6 | 446.289 | 382.968 | |
| 31) | L7 AR-1260-1 | 6.231 | 6.198 | 217.4E6 | 108.5E6 | 487.476 | 425.259 | |
| 32) | L7 AR-1260-2 | 6.421 | 6.387 | 325.2E6 | 140.8E6 | 473.604 | 407.300 | |
| 33) | L7 AR-1260-3 | 6.786 | 6.537 | 243.1E6 | 116.2E6 | 393.726 | 390.684 | |
| 34) | L7 AR-1260-4 | 7.045 | 7.006 | 176.1E6 | 71922282 | 393.277 | 347.032 | |
| 35) | L7 AR-1260-5 | 7.288 | 7.249 | 511.4E6 | 161.3E6 | 422.438 | 344.355 | |
| 36) | L8 AR-1262-1 | 6.786 | 6.750 | 243.1E6 | 103.4E6 | 265.478 | 249.335 | |
| 37) | L8 AR-1262-2 | 7.288 | 7.249 | 511.4E6 | 161.3E6 | 338.219 | 311.599 | |
| 38) | L8 AR-1262-3 | 7.571 | 7.530 | 96275832 | 26615409 | 173.749 | 148.201 | |
| 39) | L8 AR-1262-4 | 7.633 | 7.593 | 316.6E6 | 89153109 | 323.765 | 307.529 | |
| 40) | L8 AR-1262-5 | 8.131 | 8.087 | 85063365 | 23386792 | 204.048 | 215.882 | |
| 41) | L9 AR-1268-1 | 7.571 | 7.530 | 96275832 | 26615409 | 55.945 | 52.242 | |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:33
Operator : YP/AJ
Sample : PB169547BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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 |
|---|---|---|---|---|---|---|---|
| 42) | L9 AR-1268-2 | 7.633 | 7.593 | 316.6E6 | 89153109 | 218.646 | 214.619 |
| 43) | L9 AR-1268-3 | 7.840 | 7.797 | 6806675 | 2302307 | 5.643 | 7.051 |
| 44) | L9 AR-1268-4 | 8.131 | 8.087 | 85063365 | 23386792 | 184.654 | 194.190 |
| 45) | L9 AR-1268-5 | 8.422 | 8.372 | 23461988 | 6444673 | 7.359 | 8.252 |

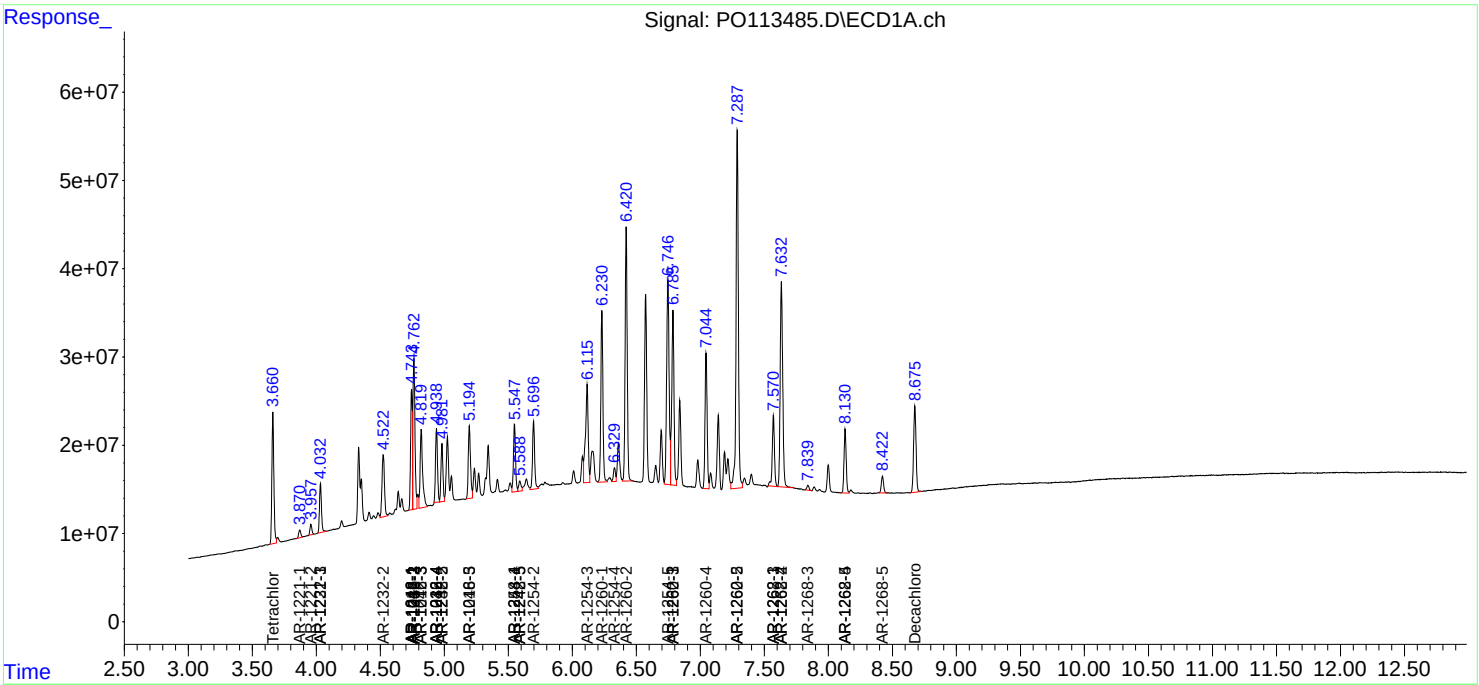
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

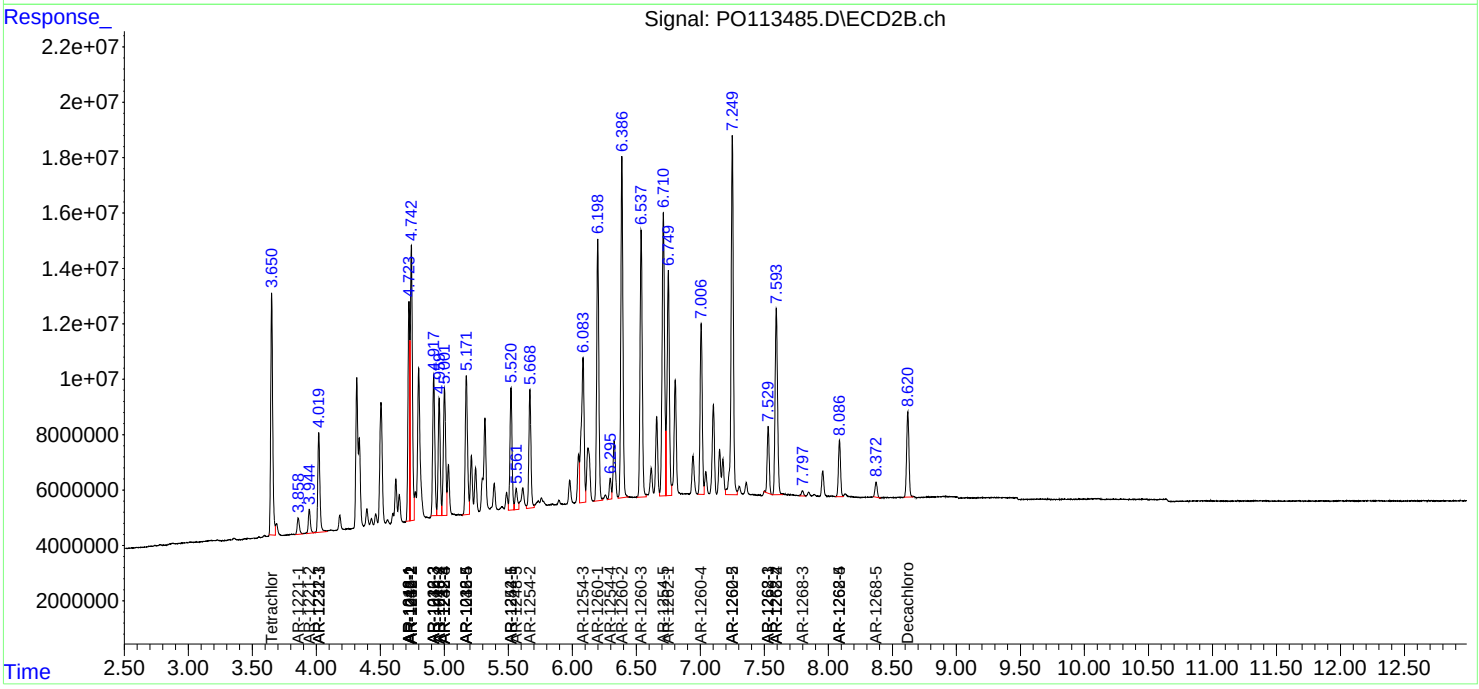
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 21:33
Operator : YP/AJ
Sample : PB169547BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

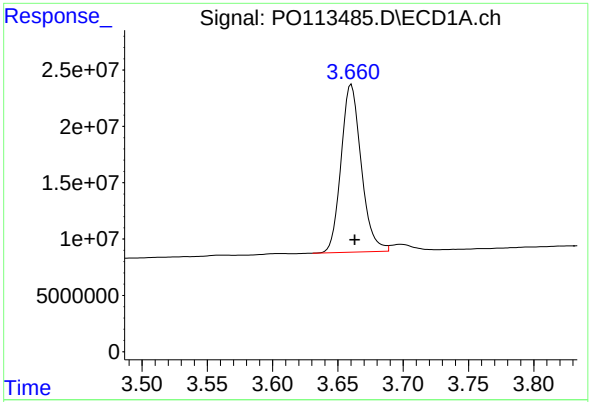
**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:36:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



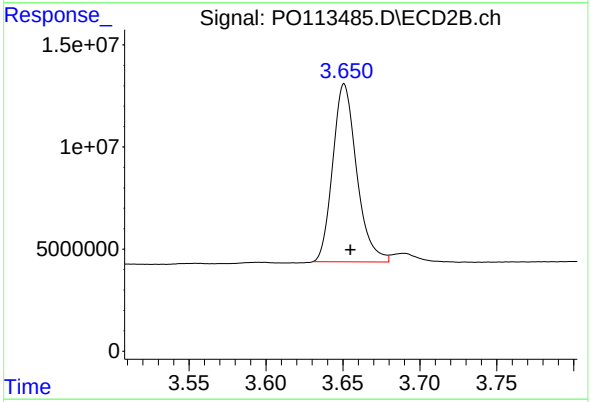






#1 Tetrachloro-m-xylene

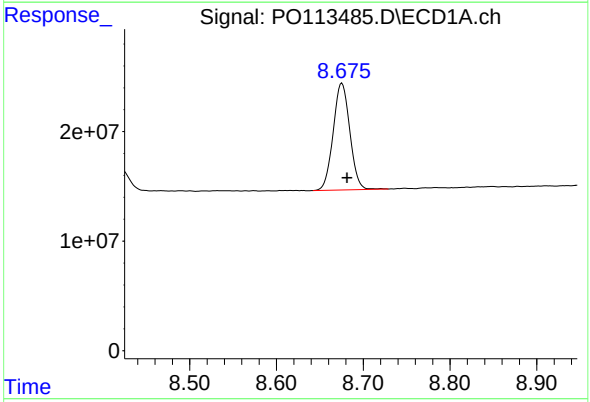
R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 160021011
Conc: 19.55 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



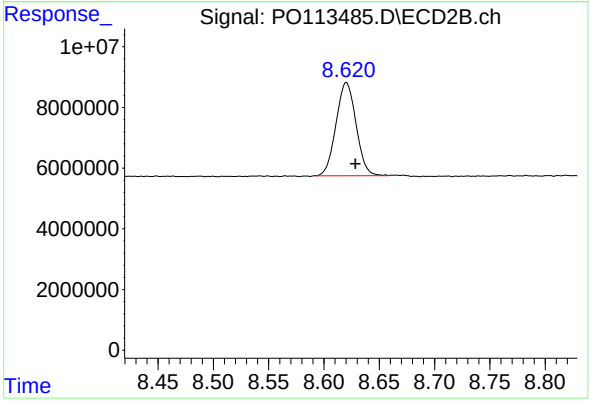

#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: -0.004 min
Response: 94042684
Conc: 18.58 ng/ml



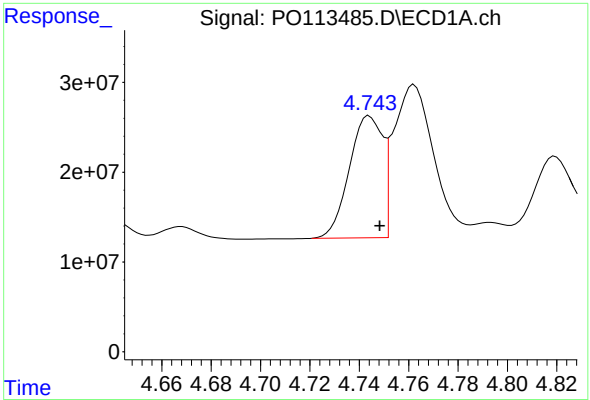

#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.006 min
Response: 130410487
Conc: 18.81 ng/ml




#2 Decachlorobiphenyl

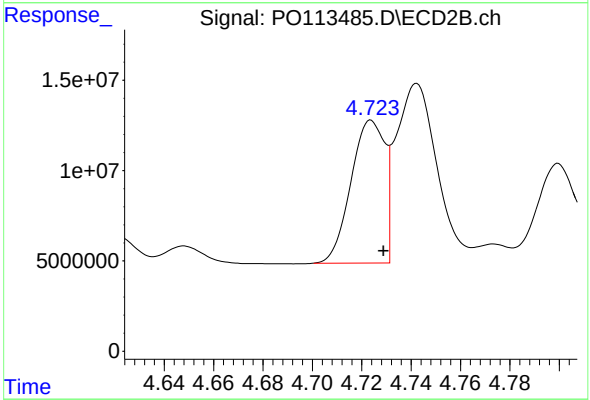
R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 38829789
Conc: 20.49 ng/ml




#3 AR-1016-1

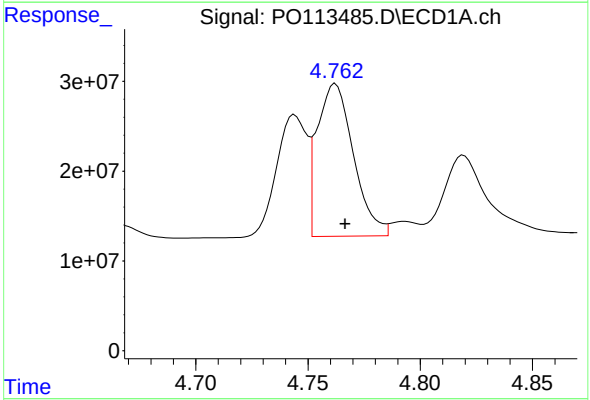
R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 127406080
Conc: 477.20 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



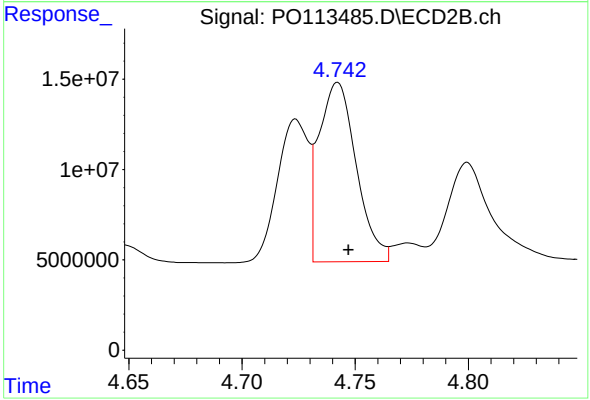

#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 75153410
Conc: 440.59 ng/ml



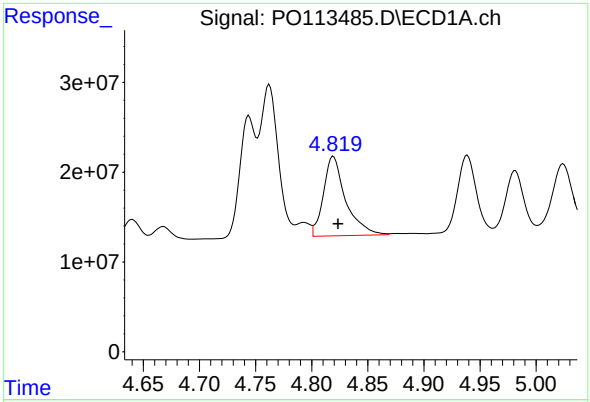

#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 191714806
Conc: 477.58 ng/ml




#4 AR-1016-2

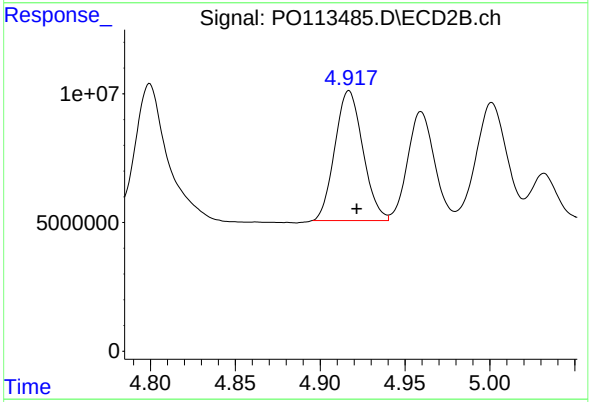
R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 114148188
Conc: 443.03 ng/ml




#5 AR-1016-3

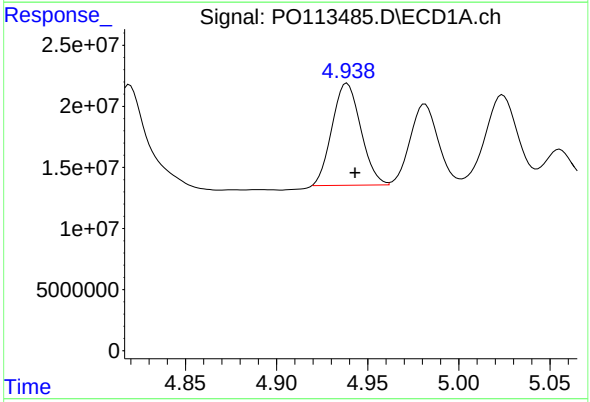
R.T.: 4.819 min
Delta R.T.: -0.004 min
Response: 122128472
Conc: 478.89 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



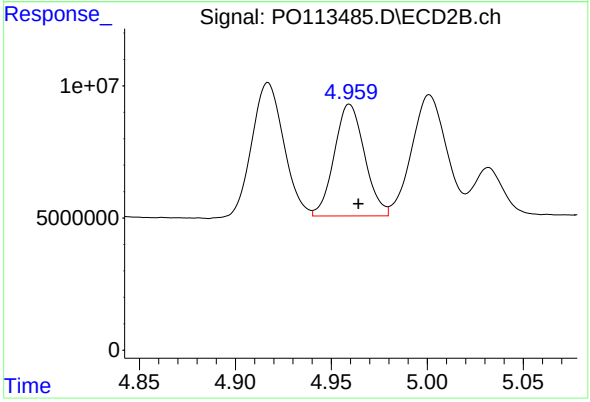

#5 AR-1016-3

R.T.: 4.917 min
Delta R.T.: -0.005 min
Response: 57976578
Conc: 415.26 ng/ml



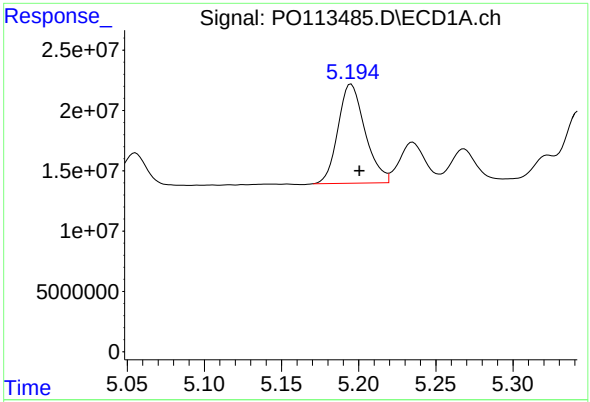

#6 AR-1016-4

R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 91498415
Conc: 419.59 ng/ml




#6 AR-1016-4

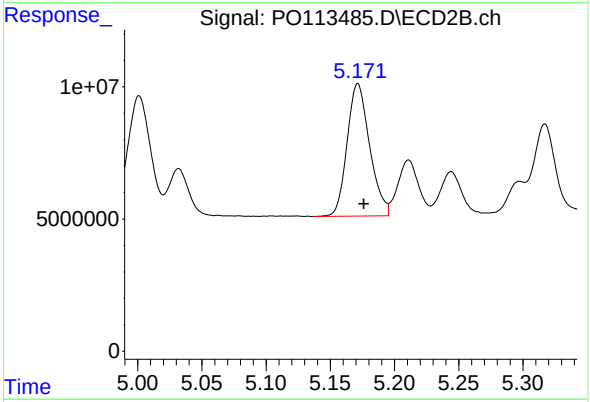
R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 46591285
Conc: 399.24 ng/ml




#7 AR-1016-5

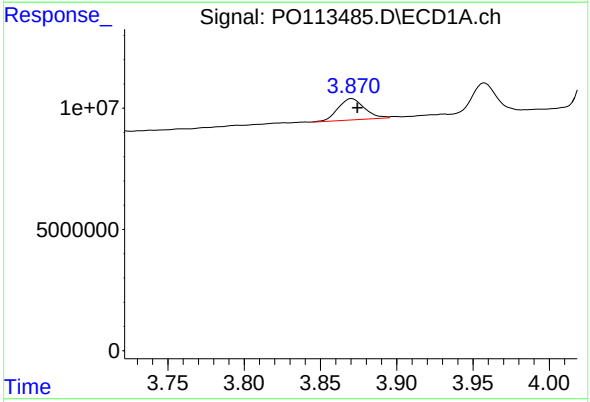
R.T.: 5.195 min
Delta R.T.: -0.005 min
Response: 100258709
Conc: 452.37 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



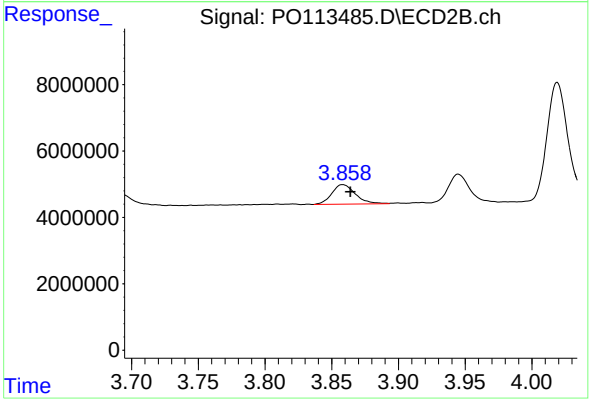

#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 61173532
Conc: 429.20 ng/ml



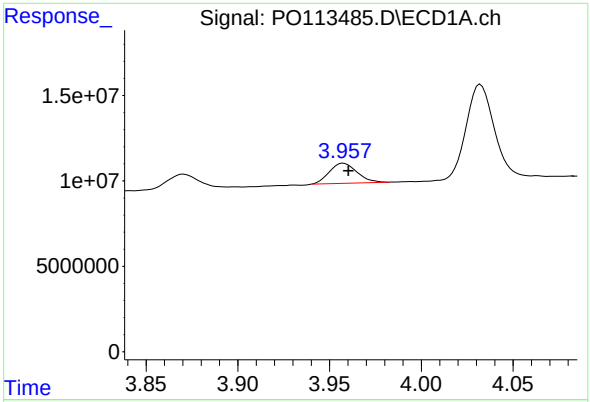

#8 AR-1221-1

R.T.: 3.871 min
Delta R.T.: -0.004 min
Response: 10489863
Conc: 112.10 ng/ml




#8 AR-1221-1

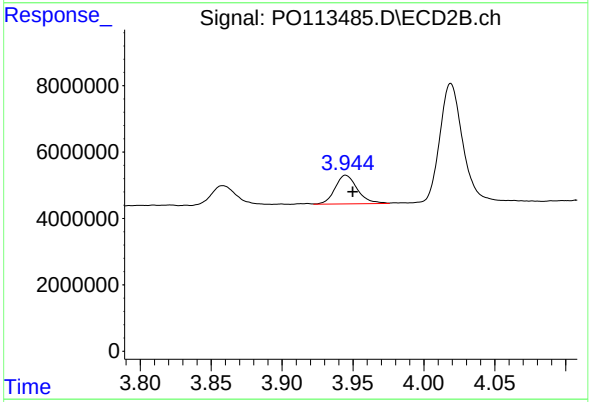
R.T.: 3.858 min
Delta R.T.: -0.006 min
Response: 7248410
Conc: 114.83 ng/ml




#9 AR-1221-2

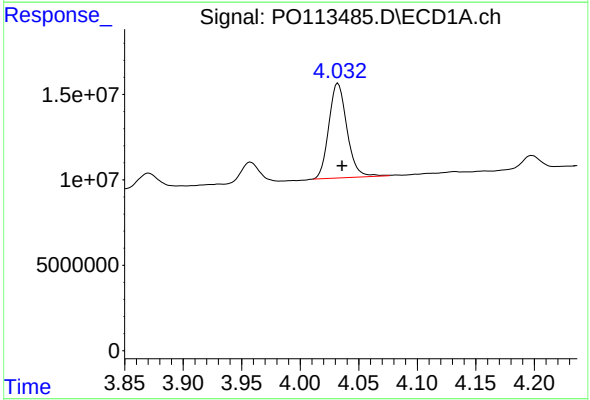
R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 12299465
Conc: 182.08 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



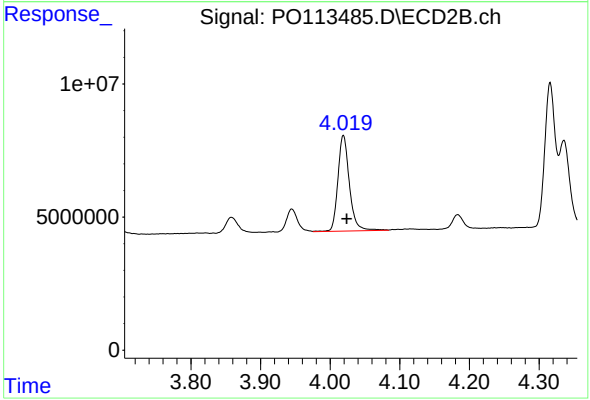

#9 AR-1221-2

R.T.: 3.945 min
Delta R.T.: -0.005 min
Response: 9471020
Conc: 202.92 ng/ml



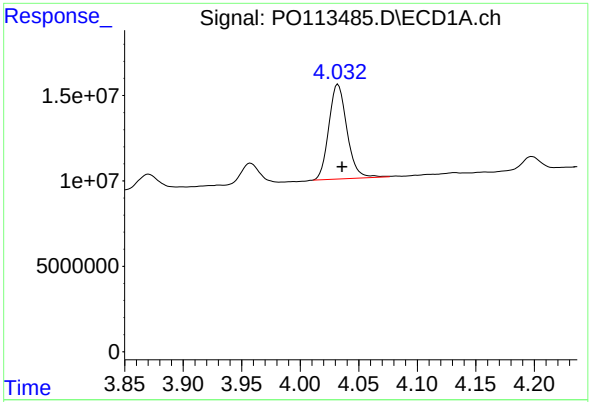

#10 AR-1221-3

R.T.: 4.032 min
Delta R.T.: -0.003 min
Response: 59666495
Conc: 269.56 ng/ml




#10 AR-1221-3

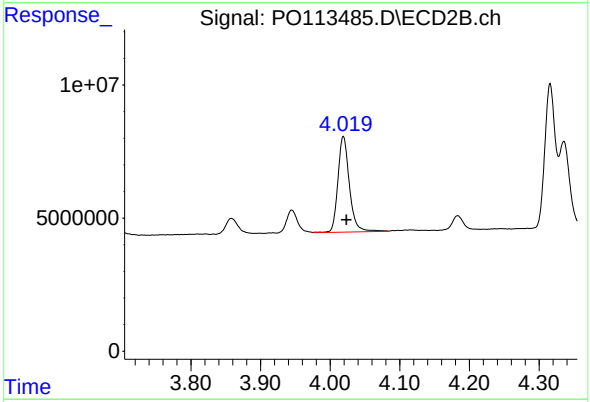
R.T.: 4.019 min
Delta R.T.: -0.005 min
Response: 41302443
Conc: 278.18 ng/ml




#11 AR-1232-1

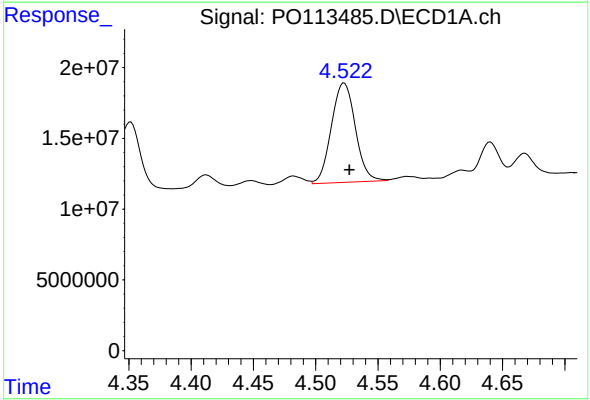
R.T.: 4.032 min
Delta R.T.: -0.003 min
Response: 59666495
Conc: 342.90 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



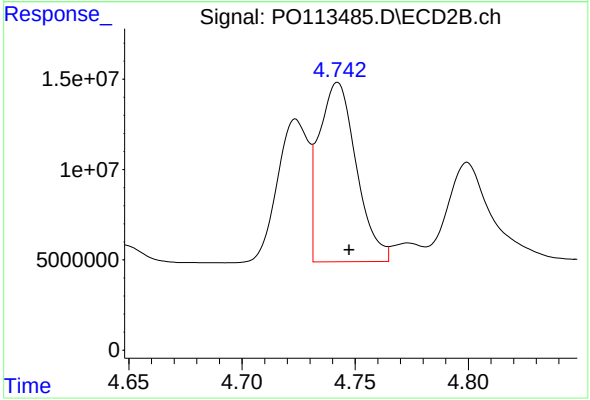

#11 AR-1232-1

R.T.: 4.019 min
Delta R.T.: -0.004 min
Response: 41302443
Conc: 351.80 ng/ml



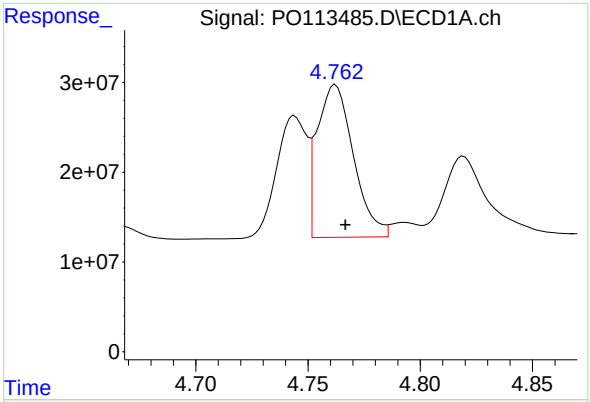

#12 AR-1232-2

R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 94347210
Conc: 944.87 ng/ml




#12 AR-1232-2

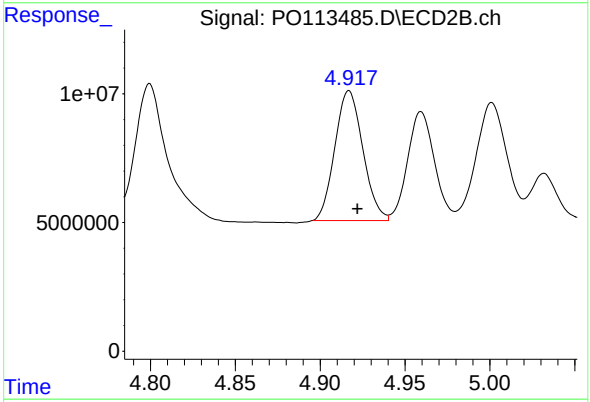
R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 114148188
Conc: 931.48 ng/ml




#13 AR-1232-3

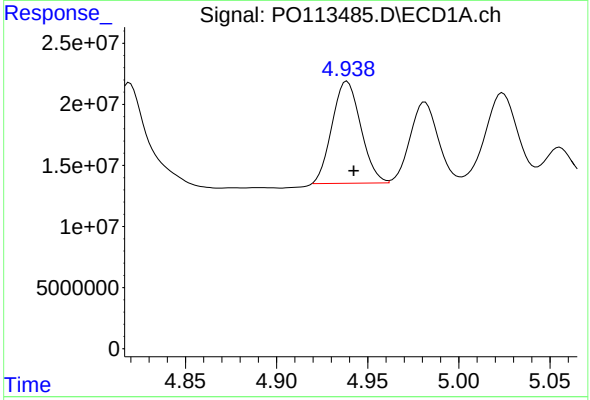
R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 191714806
Conc: 1011.82 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



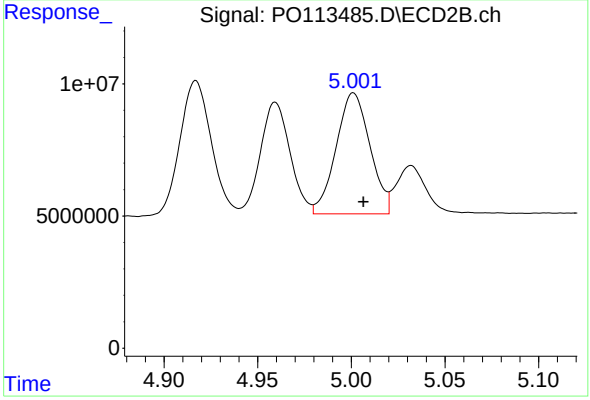

#13 AR-1232-3

R.T.: 4.917 min
Delta R.T.: -0.005 min
Response: 57976578
Conc: 915.24 ng/ml



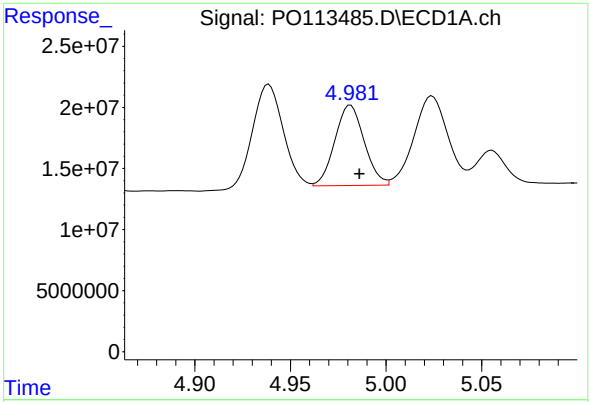

#14 AR-1232-4

R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 91498415
Conc: 971.63 ng/ml




#14 AR-1232-4

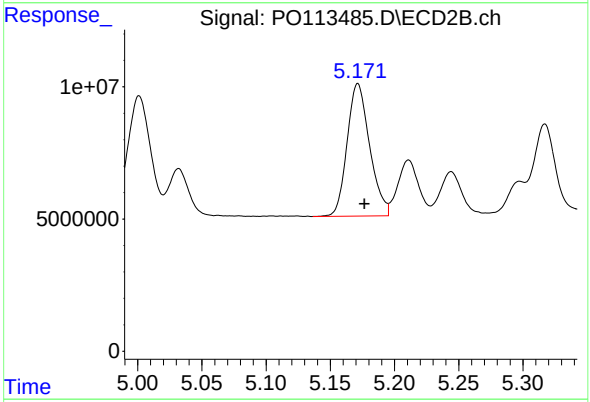
R.T.: 5.001 min
Delta R.T.: -0.005 min
Response: 57663717
Conc: 1025.66 ng/ml




#15 AR-1232-5

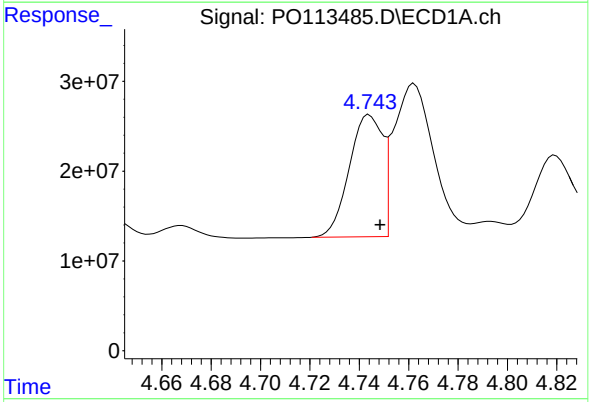
R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 70507391
Conc: 1138.26 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



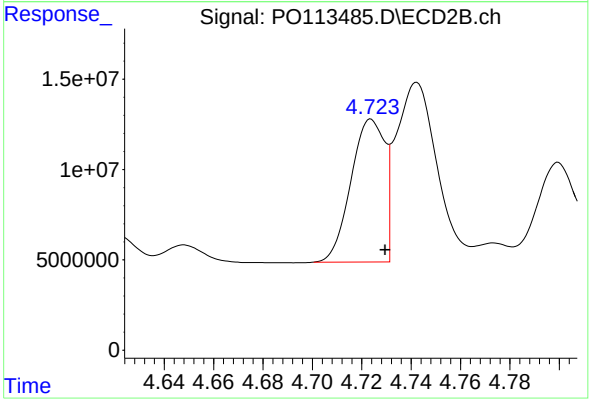

#15 AR-1232-5

R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 61173532
Conc: 1021.88 ng/ml



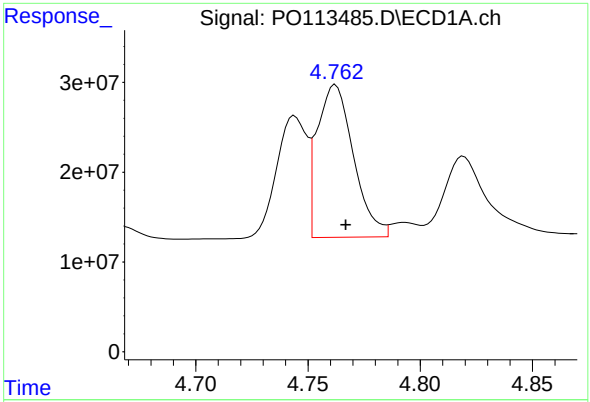

#16 AR-1242-1

R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 127406080
Conc: 554.10 ng/ml




#16 AR-1242-1

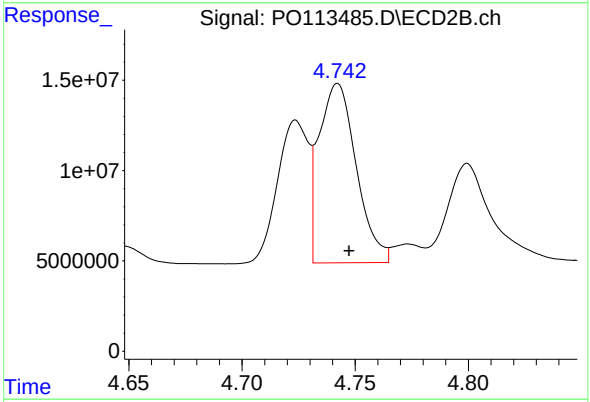
R.T.: 4.724 min
Delta R.T.: -0.006 min
Response: 75153410
Conc: 520.08 ng/ml




#17 AR-1242-2

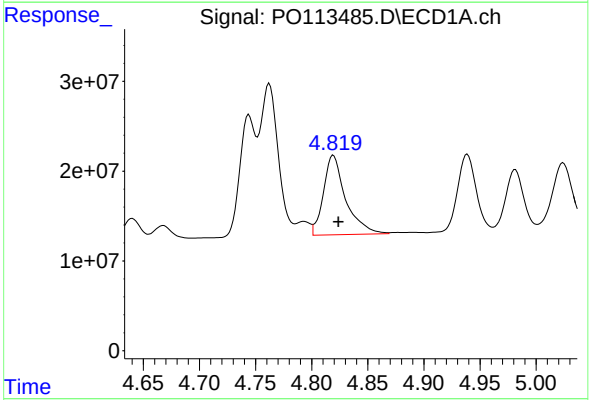
R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 191714806
Conc: 557.92 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



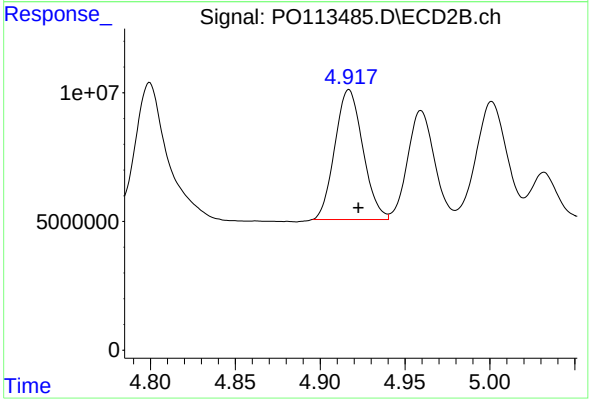

#17 AR-1242-2

R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 114148188
Conc: 526.24 ng/ml



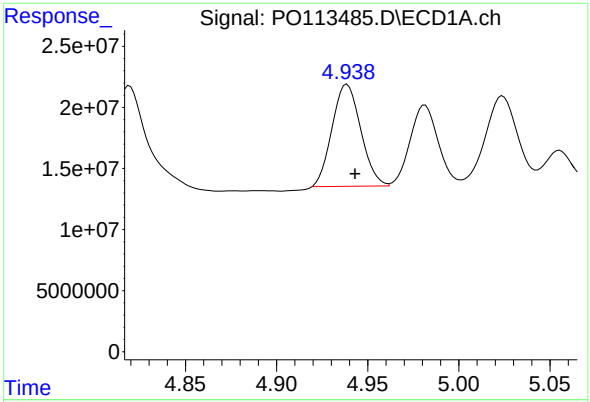

#18 AR-1242-3

R.T.: 4.819 min
Delta R.T.: -0.005 min
Response: 122128472
Conc: 550.42 ng/ml




#18 AR-1242-3

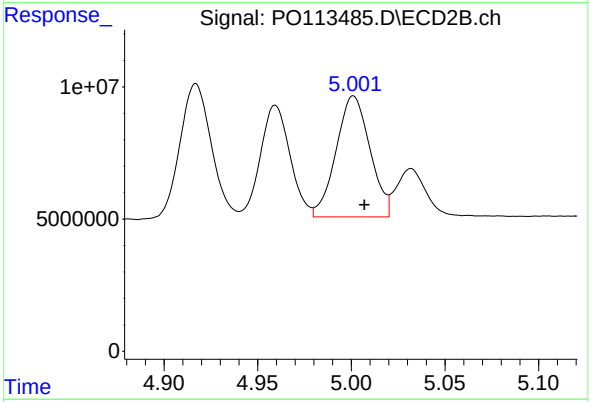
R.T.: 4.917 min
Delta R.T.: -0.006 min
Response: 57976578
Conc: 495.68 ng/ml




#19 AR-1242-4

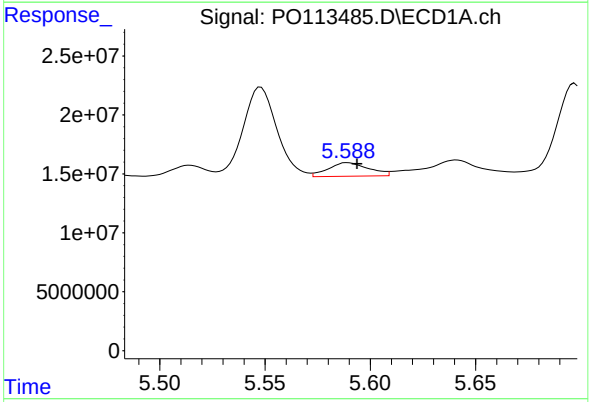
R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 91498415
Conc: 527.48 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



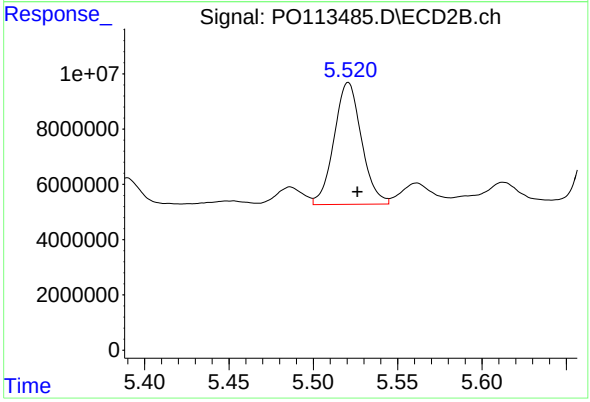

#19 AR-1242-4

R.T.: 5.001 min
Delta R.T.: -0.006 min
Response: 57663717
Conc: 490.18 ng/ml



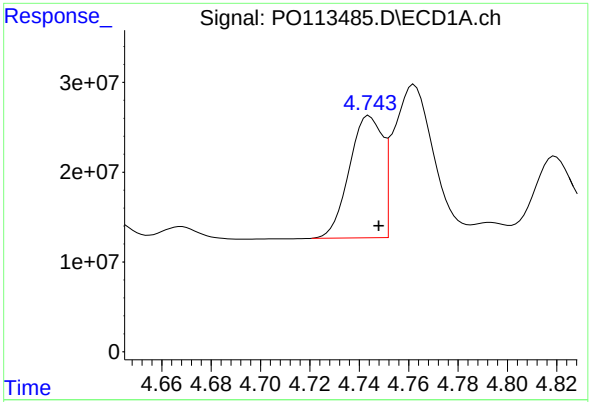

#20 AR-1242-5

R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 15393120
Conc: 76.90 ng/ml




#20 AR-1242-5

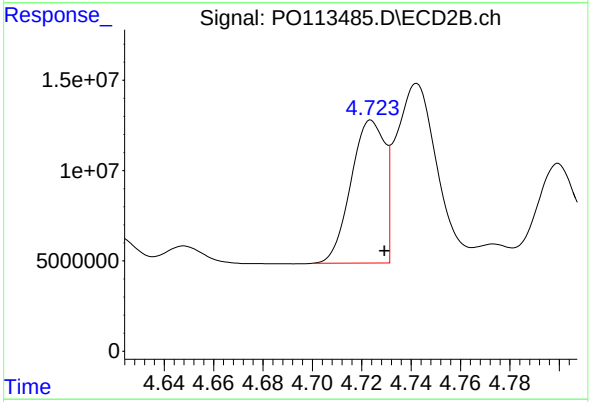
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 49936502
Conc: 334.85 ng/ml




#21 AR-1248-1

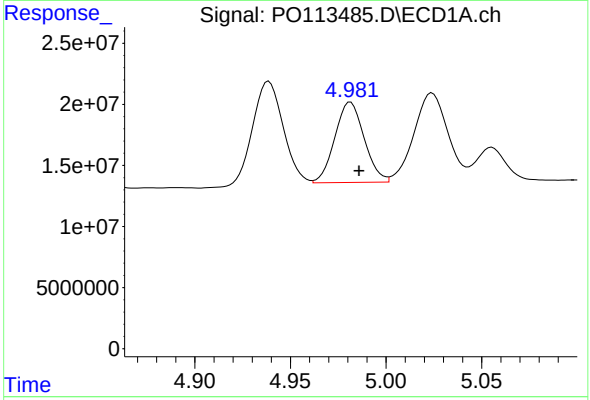
R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 127406080
Conc: 730.26 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



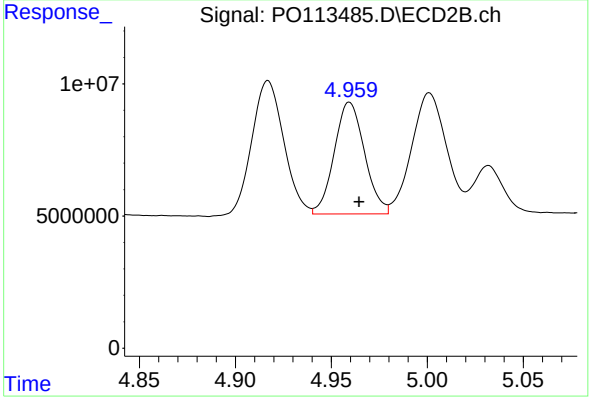

#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 75153410
Conc: 673.95 ng/ml



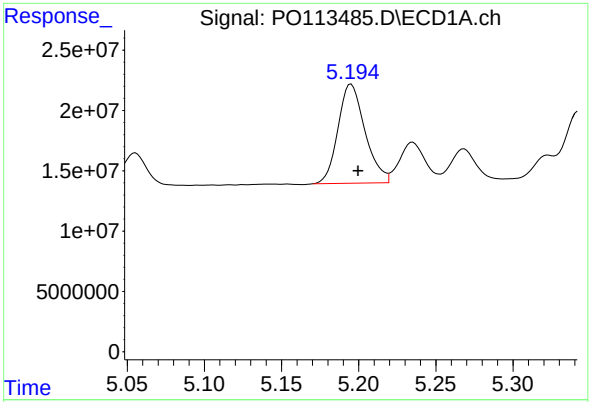

#22 AR-1248-2

R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 70507391
Conc: 291.51 ng/ml




#22 AR-1248-2

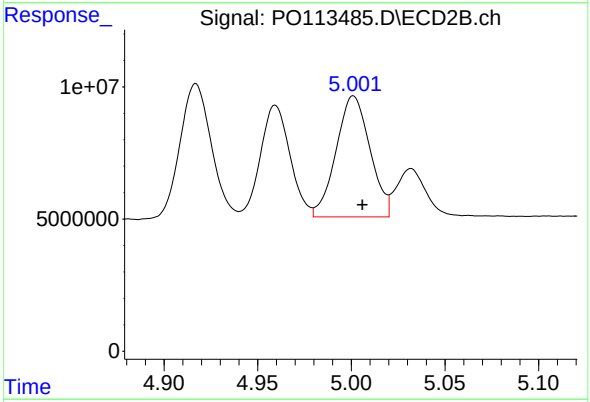
R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 46591285
Conc: 289.93 ng/ml




#23 AR-1248-3

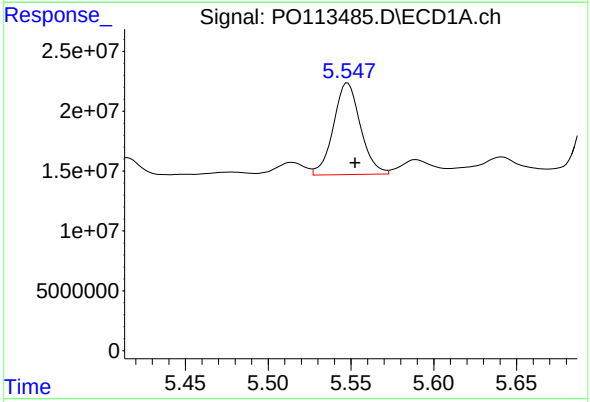
R.T.: 5.195 min
Delta R.T.: -0.005 min
Response: 100258709
Conc: 314.42 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



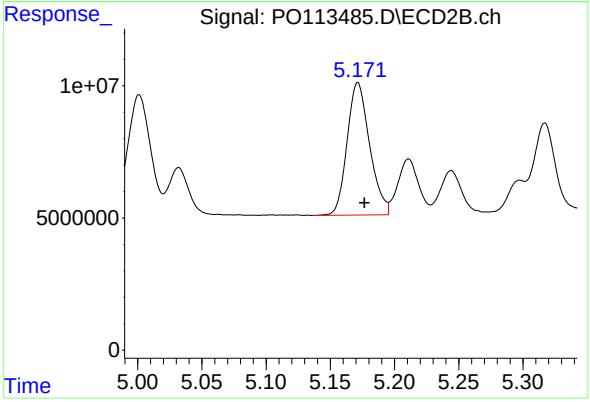

#23 AR-1248-3

R.T.: 5.001 min
Delta R.T.: -0.005 min
Response: 57663717
Conc: 339.88 ng/ml



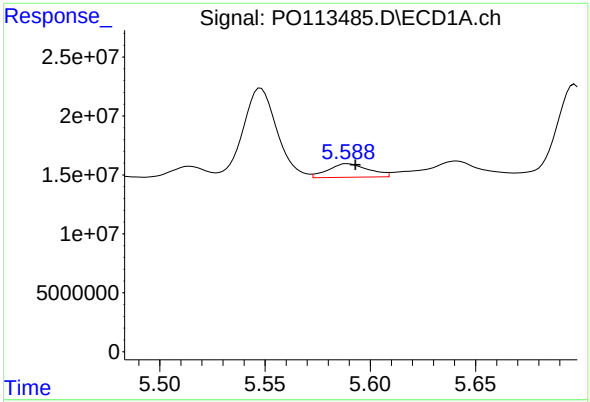

#24 AR-1248-4

R.T.: 5.548 min
Delta R.T.: -0.004 min
Response: 86769463
Conc: 173.68 ng/ml




#24 AR-1248-4

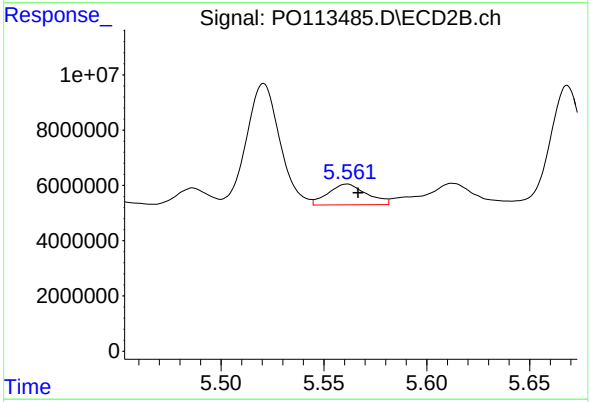
R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 61173532
Conc: 307.07 ng/ml




#25 AR-1248-5

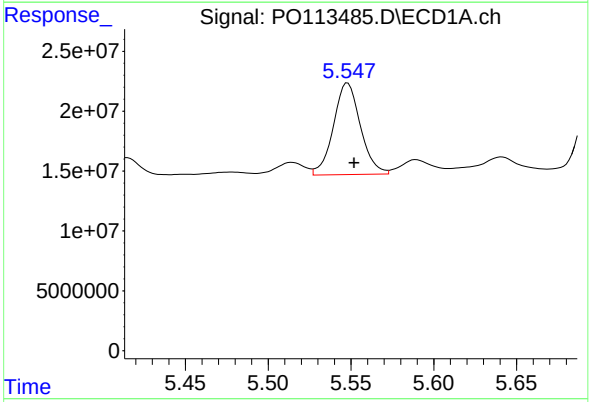
R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 15393120
Conc: 45.08 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



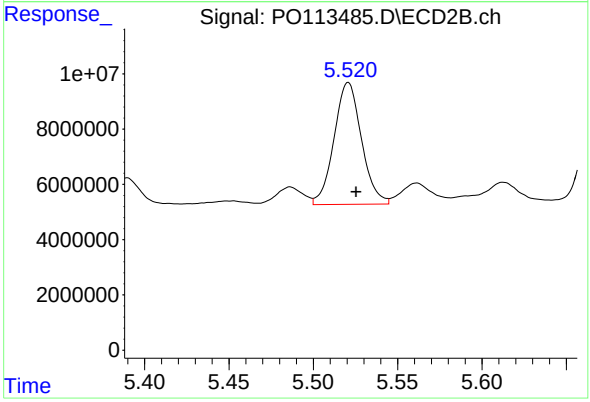

#25 AR-1248-5

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 9818878
Conc: 46.25 ng/ml



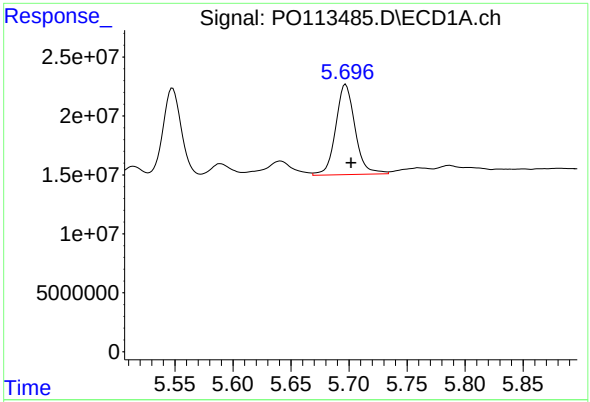

#26 AR-1254-1

R.T.: 5.548 min
Delta R.T.: -0.004 min
Response: 86769463
Conc: 160.69 ng/ml




#26 AR-1254-1

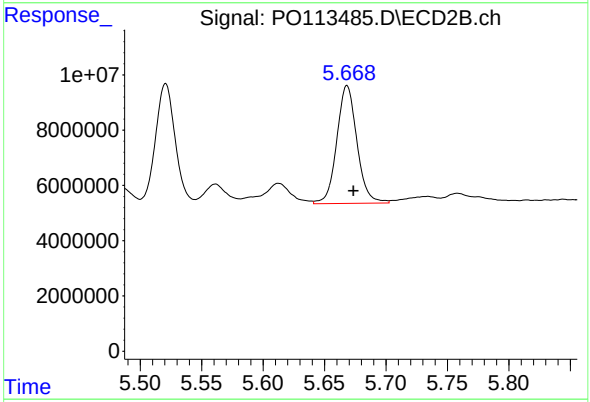
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 49936502
Conc: 158.35 ng/ml




#27 AR-1254-2

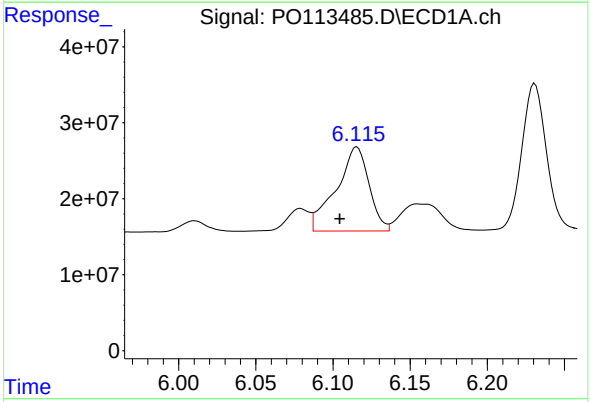
R.T.: 5.697 min
Delta R.T.: -0.005 min
Response: 88831551
Conc: 180.02 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



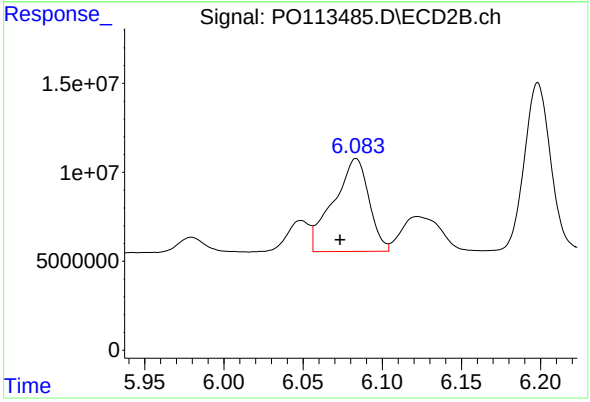

#27 AR-1254-2

R.T.: 5.668 min
Delta R.T.: -0.005 min
Response: 48770349
Conc: 173.97 ng/ml



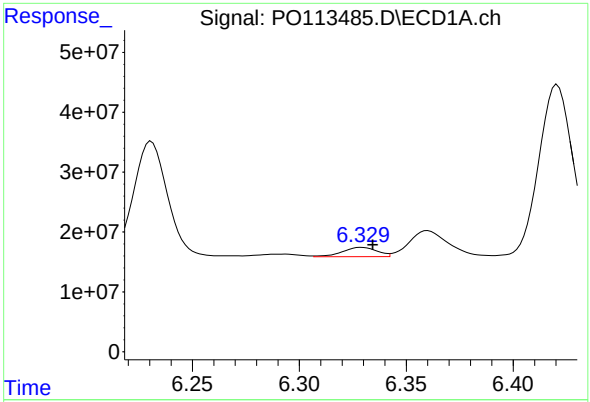

#28 AR-1254-3

R.T.: 6.115 min
Delta R.T.: 0.011 min
Response: 164472002
Conc: 222.60 ng/ml




#28 AR-1254-3

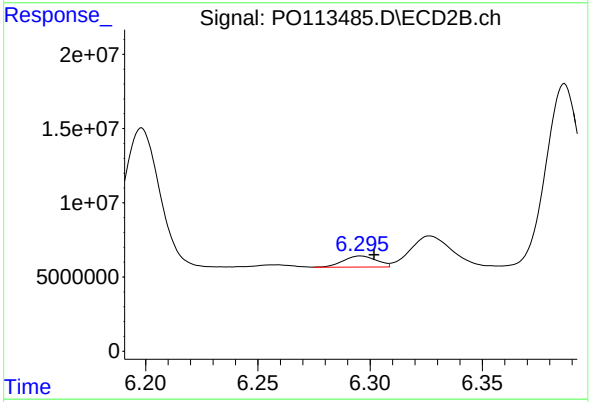
R.T.: 6.083 min
Delta R.T.: 0.010 min
Response: 81494666
Conc: 195.47 ng/ml




#29 AR-1254-4

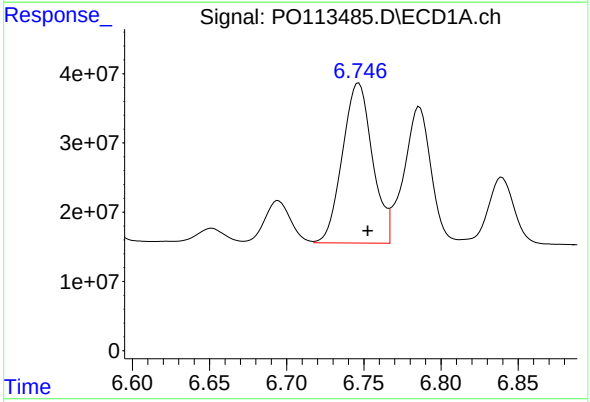
R.T.: 6.329 min
Delta R.T.: -0.005 min
Response: 17442276
Conc: 31.31 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



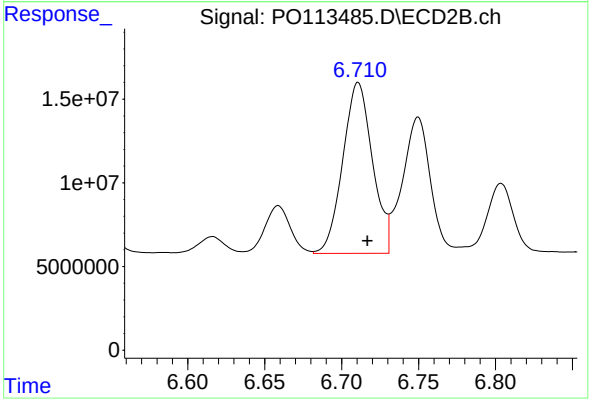

#29 AR-1254-4

R.T.: 6.296 min
Delta R.T.: -0.006 min
Response: 7720916
Conc: 28.09 ng/ml



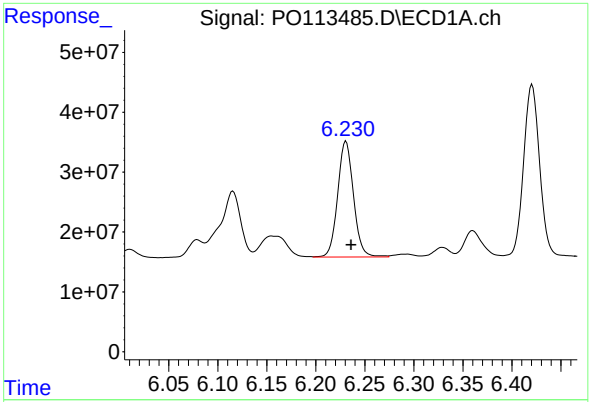

#30 AR-1254-5

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 312836621
Conc: 446.29 ng/ml




#30 AR-1254-5

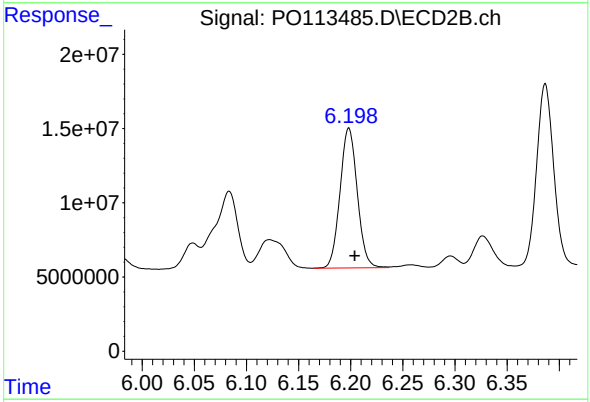
R.T.: 6.711 min
Delta R.T.: -0.006 min
Response: 136907327
Conc: 382.97 ng/ml




#31 AR-1260-1

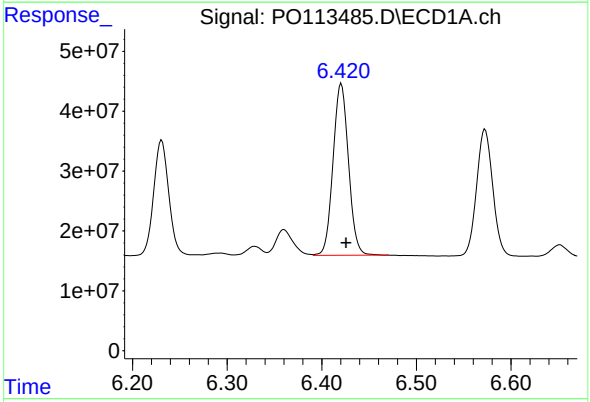
R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 217404928
Conc: 487.48 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



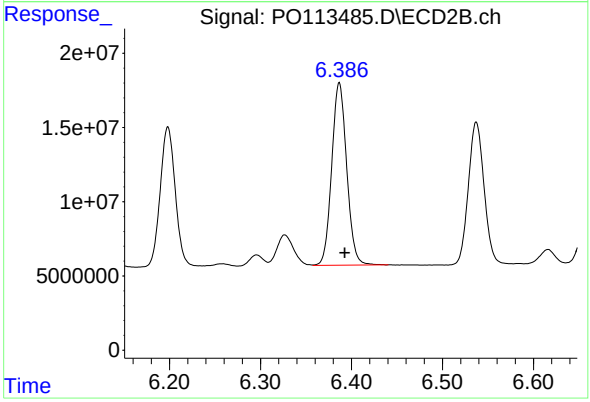

#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 108470388
Conc: 425.26 ng/ml



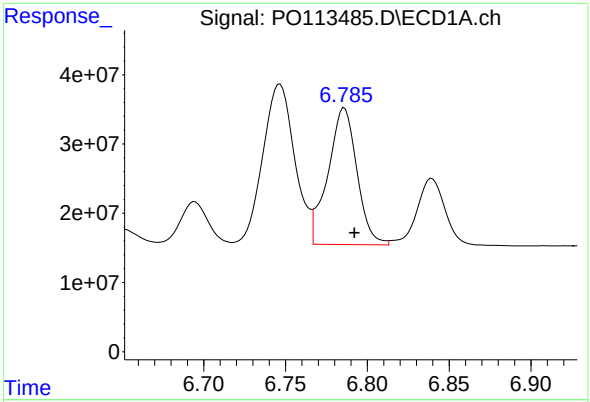

#32 AR-1260-2

R.T.: 6.421 min
Delta R.T.: -0.005 min
Response: 325234017
Conc: 473.60 ng/ml




#32 AR-1260-2

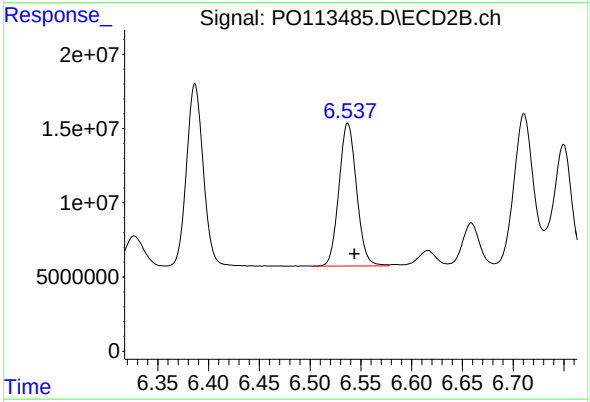
R.T.: 6.387 min
Delta R.T.: -0.006 min
Response: 140808447
Conc: 407.30 ng/ml




#33 AR-1260-3

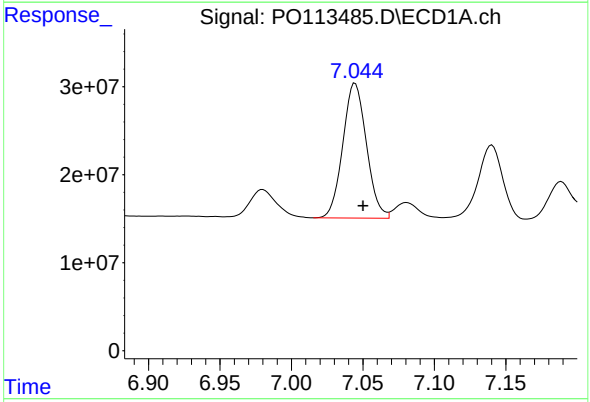
R.T.: 6.786 min
Delta R.T.: -0.006 min
Response: 243115289
Conc: 393.73 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



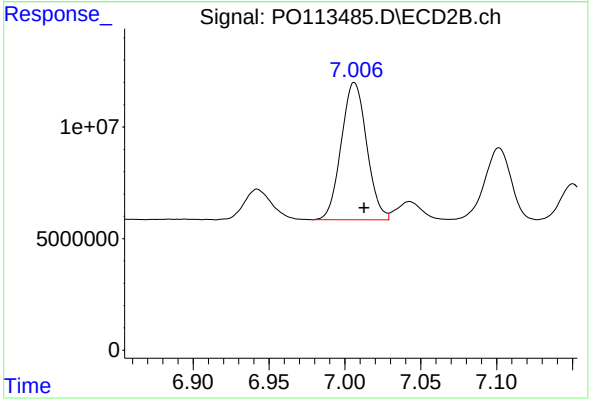

#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 116202733
Conc: 390.68 ng/ml



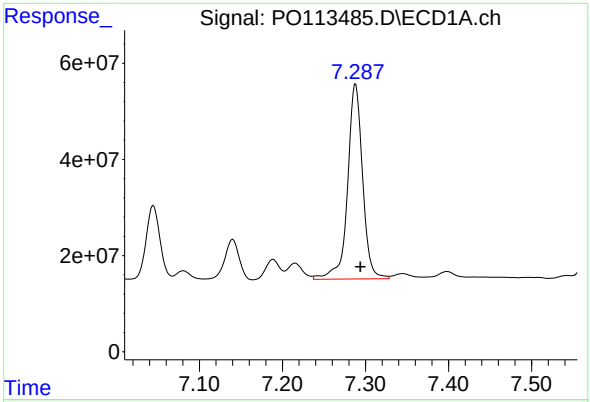

#34 AR-1260-4

R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 176138730
Conc: 393.28 ng/ml




#34 AR-1260-4

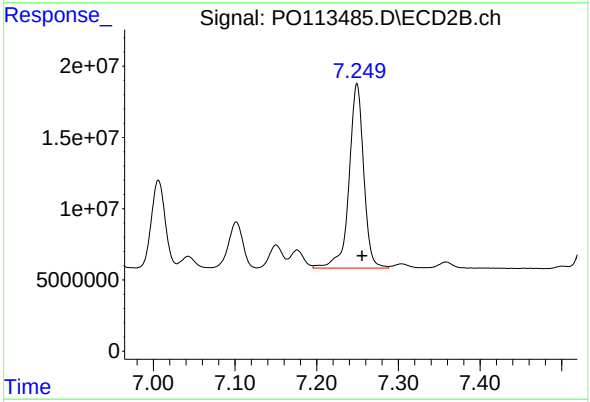
R.T.: 7.006 min
Delta R.T.: -0.006 min
Response: 71922282
Conc: 347.03 ng/ml




#35 AR-1260-5

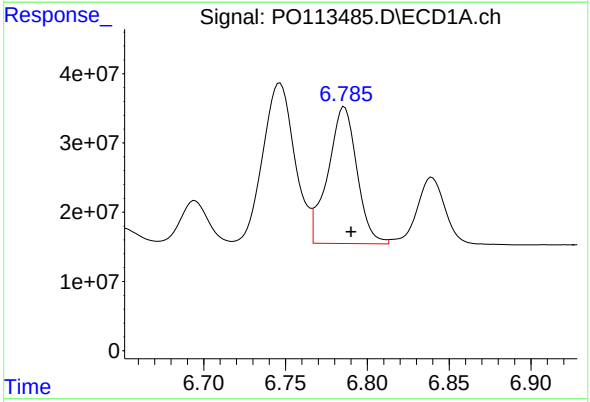
R.T.: 7.288 min
Delta R.T.: -0.006 min
Response: 511439221
Conc: 422.44 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



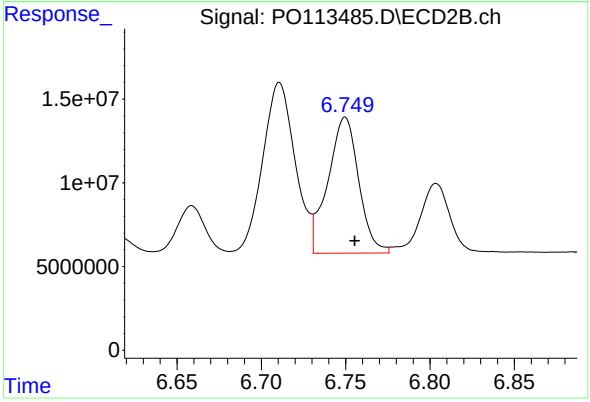

#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 161305796
Conc: 344.35 ng/ml



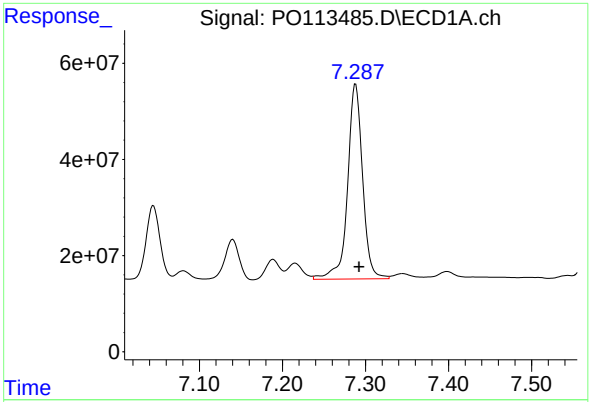

#36 AR-1262-1

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 243115289
Conc: 265.48 ng/ml




#36 AR-1262-1

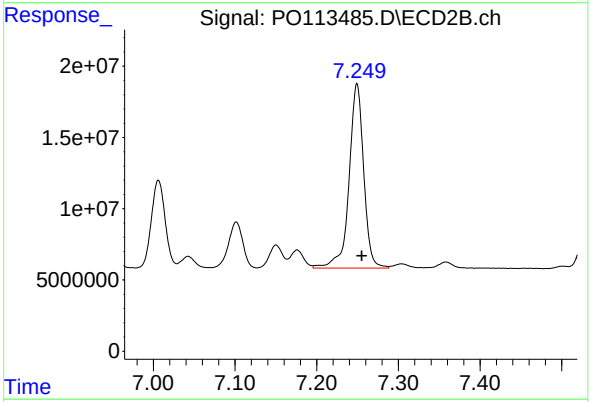
R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 103378026
Conc: 249.34 ng/ml




#37 AR-1262-2

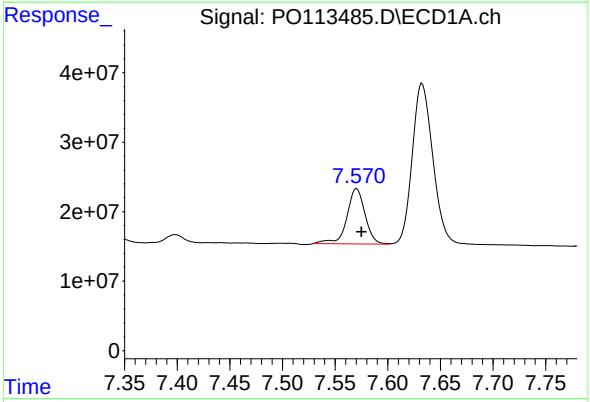
R.T.: 7.288 min
Delta R.T.: -0.004 min
Response: 511439221
Conc: 338.22 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



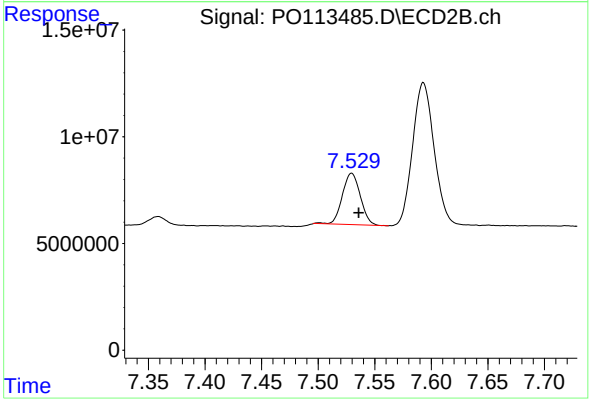

#37 AR-1262-2

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 161305796
Conc: 311.60 ng/ml



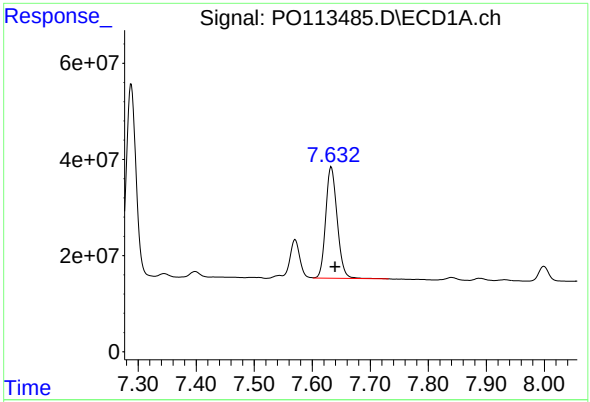

#38 AR-1262-3

R.T.: 7.571 min
Delta R.T.: -0.004 min
Response: 96275832
Conc: 173.75 ng/ml




#38 AR-1262-3

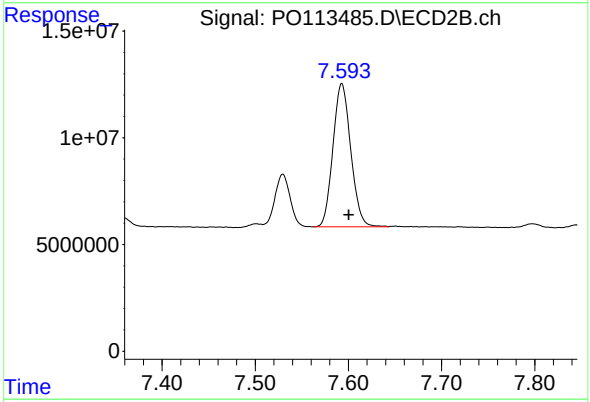
R.T.: 7.530 min
Delta R.T.: -0.006 min
Response: 26615409
Conc: 148.20 ng/ml




#39 AR-1262-4

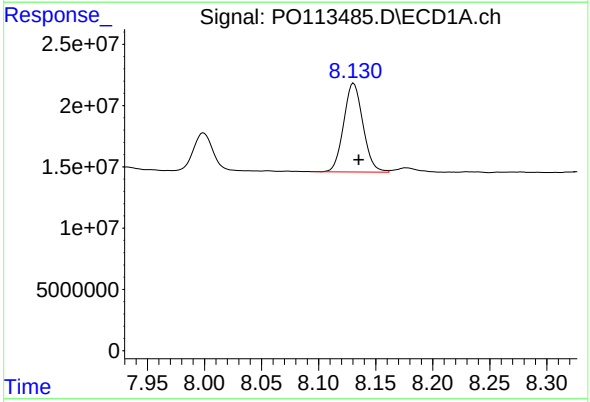
R.T.: 7.633 min
Delta R.T.: -0.006 min
Response: 316632405
Conc: 323.77 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



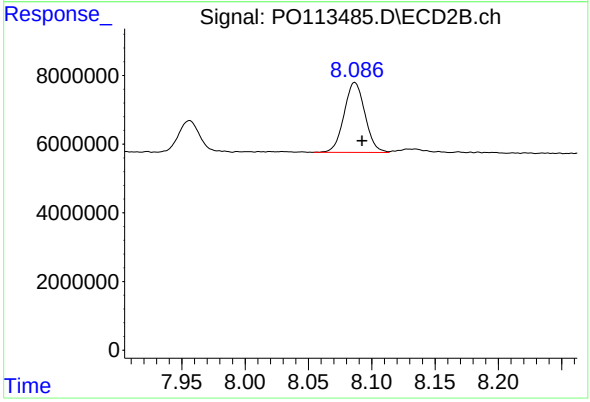

#39 AR-1262-4

R.T.: 7.593 min
Delta R.T.: -0.007 min
Response: 89153109
Conc: 307.53 ng/ml



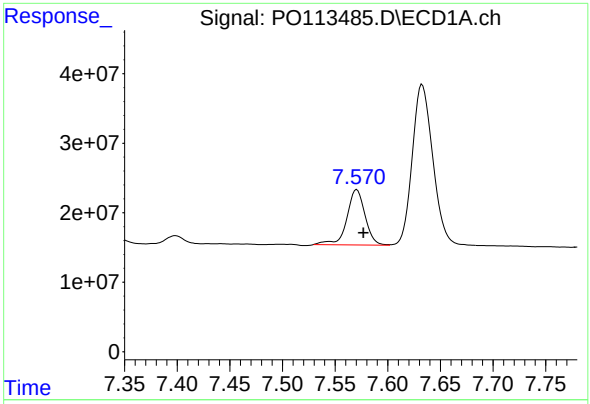

#40 AR-1262-5

R.T.: 8.131 min
Delta R.T.: -0.004 min
Response: 85063365
Conc: 204.05 ng/ml




#40 AR-1262-5

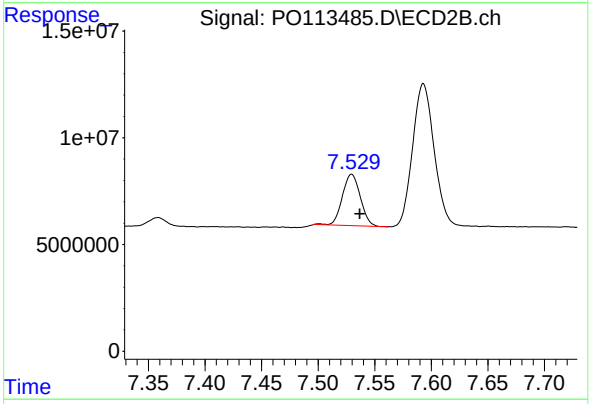
R.T.: 8.087 min
Delta R.T.: -0.006 min
Response: 23386792
Conc: 215.88 ng/ml




#41 AR-1268-1

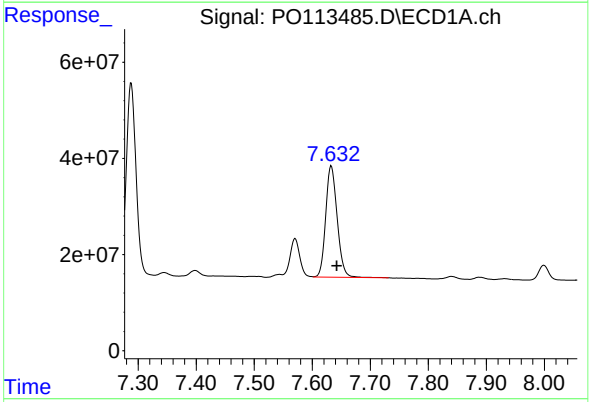
R.T.: 7.571 min
Delta R.T.: -0.006 min
Response: 96275832
Conc: 55.95 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



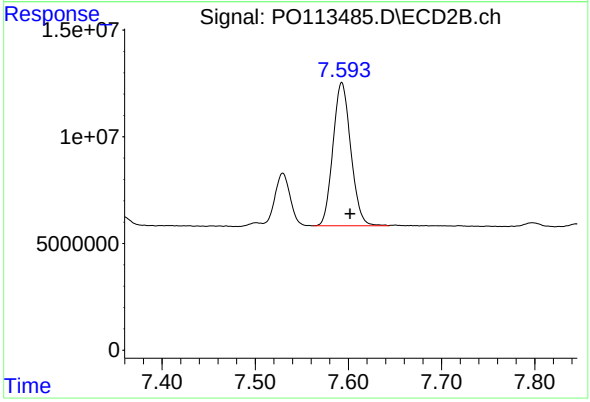

#41 AR-1268-1

R.T.: 7.530 min
Delta R.T.: -0.007 min
Response: 26615409
Conc: 52.24 ng/ml



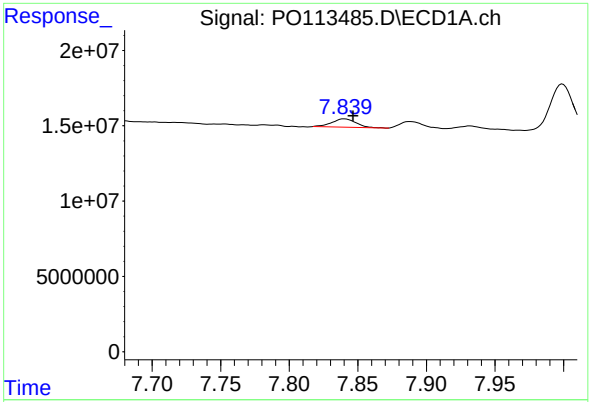

#42 AR-1268-2

R.T.: 7.633 min
Delta R.T.: -0.009 min
Response: 316632405
Conc: 218.65 ng/ml




#42 AR-1268-2

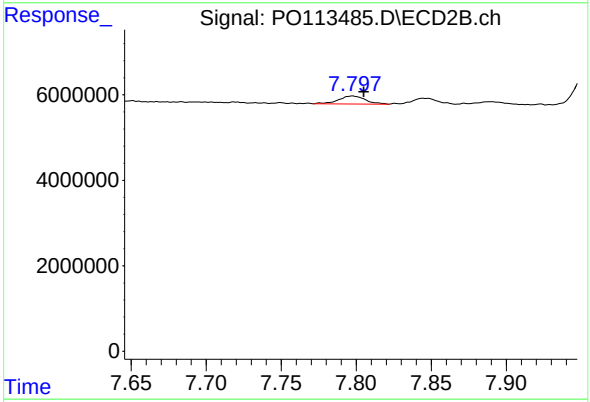
R.T.: 7.593 min
Delta R.T.: -0.009 min
Response: 89153109
Conc: 214.62 ng/ml




#43 AR-1268-3

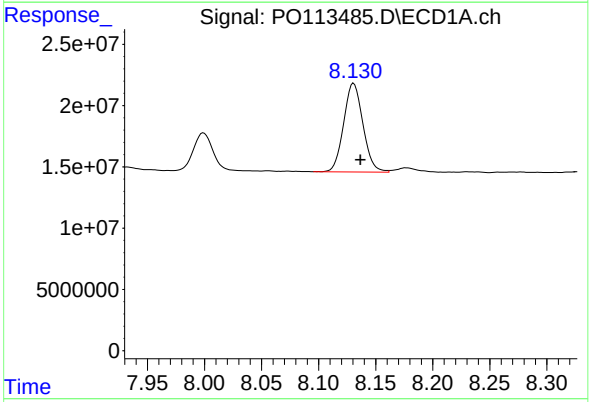
R.T.: 7.840 min
Delta R.T.: -0.006 min
Response: 6806675
Conc: 5.64 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD



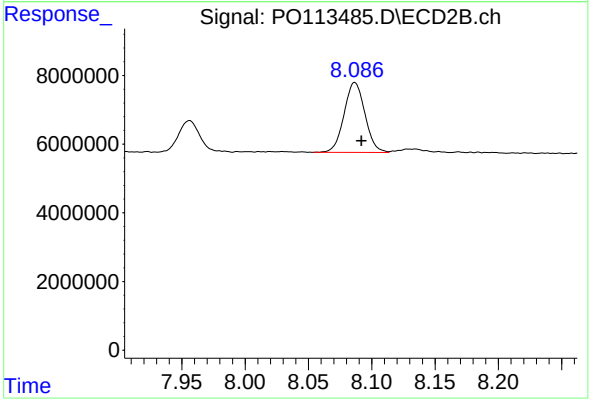

#43 AR-1268-3

R.T.: 7.797 min
Delta R.T.: -0.008 min
Response: 2302307
Conc: 7.05 ng/ml



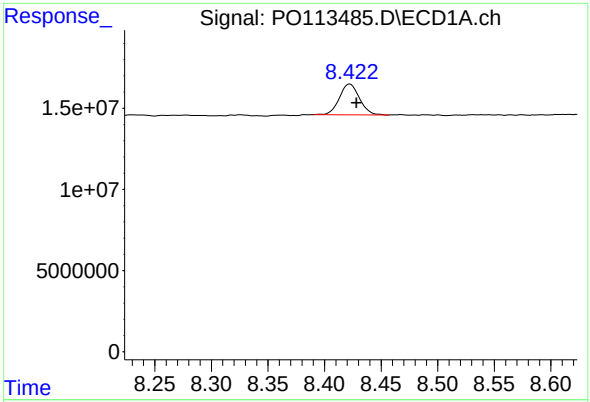

#44 AR-1268-4

R.T.: 8.131 min
Delta R.T.: -0.006 min
Response: 85063365
Conc: 184.65 ng/ml




#44 AR-1268-4

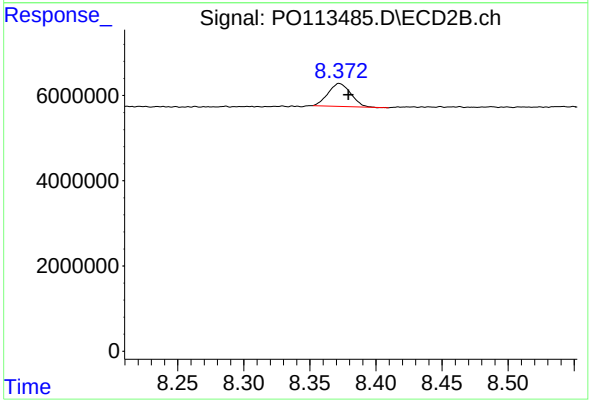
R.T.: 8.087 min
Delta R.T.: -0.005 min
Response: 23386792
Conc: 194.19 ng/ml




#45 AR-1268-5

R.T.: 8.422 min
Delta R.T.: -0.006 min
Response: 23461988
Conc: 7.36 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
PB169547BSD




#45 AR-1268-5

R.T.: 8.372 min
Delta R.T.: -0.007 min
Response: 6444673
Conc: 8.25 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 23:23
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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... | 3.659 | 3.651 | 477.9E6 | 277.1E6 | 58.377 | 54.756 | |
| 2) | SA Decachlor... | 8.676 | 8.620 | 359.4E6 | 104.3E6 | 51.857 | 55.049 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 4.743 | 4.724 | 154.9E6 | 91398360 | 580.340 | 535.829 | |
| 4) | L1 AR-1016-2 | 4.762 | 4.742 | 234.5E6 | 138.6E6 | 584.229 | 537.786 | |
| 5) | L1 AR-1016-3 | 4.819 | 4.916 | 149.6E6 | 72079309 | 586.657 | 516.274 | |
| 6) | L1 AR-1016-4 | 4.938 | 4.959 | 111.2E6 | 58697905 | 510.155 | 502.986 | |
| 7) | L1 AR-1016-5 | 5.194 | 5.171 | 137.3E6 | 81701737 | 619.693 | 573.225 | |
| 8) | L2 AR-1221-1 | 3.869 | 3.858 | 13143669 | 9774247 | 140.464 | 154.849 | |
| 9) | L2 AR-1221-2 | 3.957 | 3.945 | 18796779 | 14556081 | 278.262 | 311.872 | |
| 10) | L2 AR-1221-3 | 4.032 | 4.019 | 76572061 | 52453169 | 345.930 | 353.279 | |
| 11) | L3 AR-1232-1 | 4.032 | 4.019 | 76572061 | 52453169 | 440.053 | 446.780 | |
| 12) | L3 AR-1232-2 | 4.522 | 4.742 | 117.3E6 | 138.6E6 | 1175.051 | 1130.717 | |
| 13) | L3 AR-1232-3 | 4.762 | 4.916 | 234.5E6 | 72079309 | 1237.775 | 1137.873 | |
| 14) | L3 AR-1232-4 | 4.938 | 5.002 | 111.2E6 | 72247067 | 1181.365 | 1285.051 | |
| 15) | L3 AR-1232-5 | 4.981 | 5.171 | 84125902 | 81701737 | 1358.119 | 1364.799 | |
| 16) | L4 AR-1242-1 | 4.743 | 4.724 | 154.9E6 | 91398360 | 673.860 | 632.495 | |
| 17) | L4 AR-1242-2 | 4.762 | 4.742 | 234.5E6 | 138.6E6 | 682.511 | 638.804 | |
| 18) | L4 AR-1242-3 | 4.819 | 4.916 | 149.6E6 | 72079309 | 674.273 | 616.251 | |
| 19) | L4 AR-1242-4 | 4.938 | 5.002 | 111.2E6 | 72247067 | 641.340 | 614.151 | |
| 20) | L4 AR-1242-5 | 5.589 | 5.520 | 39193918 | 79228517 | 195.811 | 531.261 | # |
| 21) | L5 AR-1248-1 | 4.743 | 4.724 | 154.9E6 | 91398360 | 888.091 | 819.629 | |
| 22) | L5 AR-1248-2 | 4.981 | 4.959 | 84125902 | 58697905 | 347.821 | 365.266 | |
| 23) | L5 AR-1248-3 | 5.194 | 5.002 | 137.3E6 | 72247067 | 430.721 | 425.833 | |
| 24) | L5 AR-1248-4 | 5.547 | 5.171 | 143.0E6 | 81701737 | 286.293 | 410.108 | # |
| 25) | L5 AR-1248-5 | 5.589 | 5.560 | 39193918 | 23189278 | 114.773 | 109.231 | |
| 26) | L6 AR-1254-1 | 5.547 | 5.520 | 143.0E6 | 79228517 | 264.887 | 251.237 | |
| 27) | L6 AR-1254-2 | 5.697 | 5.668 | 111.6E6 | 57793181 | 226.121 | 206.154 | |
| 28) | L6 AR-1254-3 | 6.116 | 6.084 | 205.6E6 | 101.3E6 | 278.233 | 242.911 | |
| 29) | L6 AR-1254-4 | 6.327 | 6.294 | 26471822 | 9349146 | 47.526 | 34.017 | # |
| 30) | L6 AR-1254-5 | 6.747 | 6.711 | 355.8E6 | 151.6E6 | 507.529 | 424.053 | |
| 31) | L7 AR-1260-1 | 6.231 | 6.198 | 271.8E6 | 127.7E6 | 609.526 | 500.657 | |
| 32) | L7 AR-1260-2 | 6.421 | 6.387 | 402.1E6 | 169.0E6 | 585.498 | 488.797 | |
| 33) | L7 AR-1260-3 | 6.786 | 6.538 | 352.3E6 | 135.8E6 | 570.593 | 456.712 | |
| 34) | L7 AR-1260-4 | 7.045 | 7.007 | 249.6E6 | 97518612 | 557.287 | 470.537 | |
| 35) | L7 AR-1260-5 | 7.289 | 7.249 | 665.5E6 | 215.1E6 | 549.722 | 459.290 | |
| 36) | L8 AR-1262-1 | 6.786 | 6.750 | 352.3E6 | 142.9E6 | 384.735 | 344.686 | |
| 37) | L8 AR-1262-2 | 7.289 | 7.249 | 665.5E6 | 215.1E6 | 440.127 | 415.602 | |
| 38) | L8 AR-1262-3 | 7.570 | 7.530 | 145.0E6 | 42080264 | 261.693 | 234.312 | |
| 39) | L8 AR-1262-4 | 7.635 | 7.593 | 430.9E6 | 122.1E6 | 440.557 | 421.314 | |
| 40) | L8 AR-1262-5 | 8.131 | 8.086 | 150.1E6 | 38146404 | 360.015 | 352.127 | |
| 41) | L9 AR-1268-1 | 7.570 | 7.530 | 145.0E6 | 42080264 | 84.262 | 82.597 | |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 23:23
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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 |
|---|---|---|---|---|---|---|---|
| 42) L9 | AR-1268-2 | 7.635 | 7.593 | 430.9E6 | 122.1E6 | 297.518 | 294.027 |
| 43) L9 | AR-1268-3 | 7.841 | 7.799 | 6685982 | 1944435 | 5.542 | 5.955 |
| 44) L9 | AR-1268-4 | 8.131 | 8.086 | 150.1E6 | 38146404 | 325.796 | 316.745 |
| 45) L9 | AR-1268-5 | 8.423 | 8.372 | 32682789 | 8118752 | 10.250 | 10.396 |

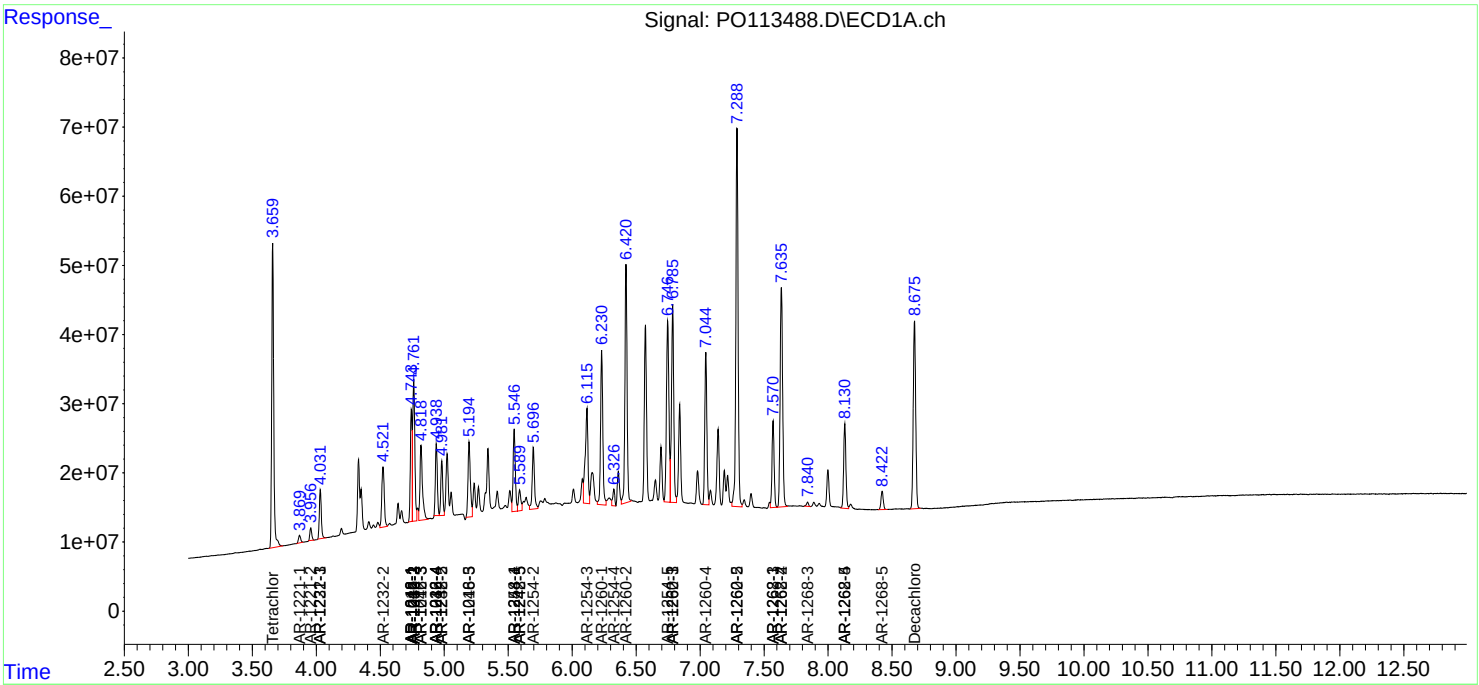
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

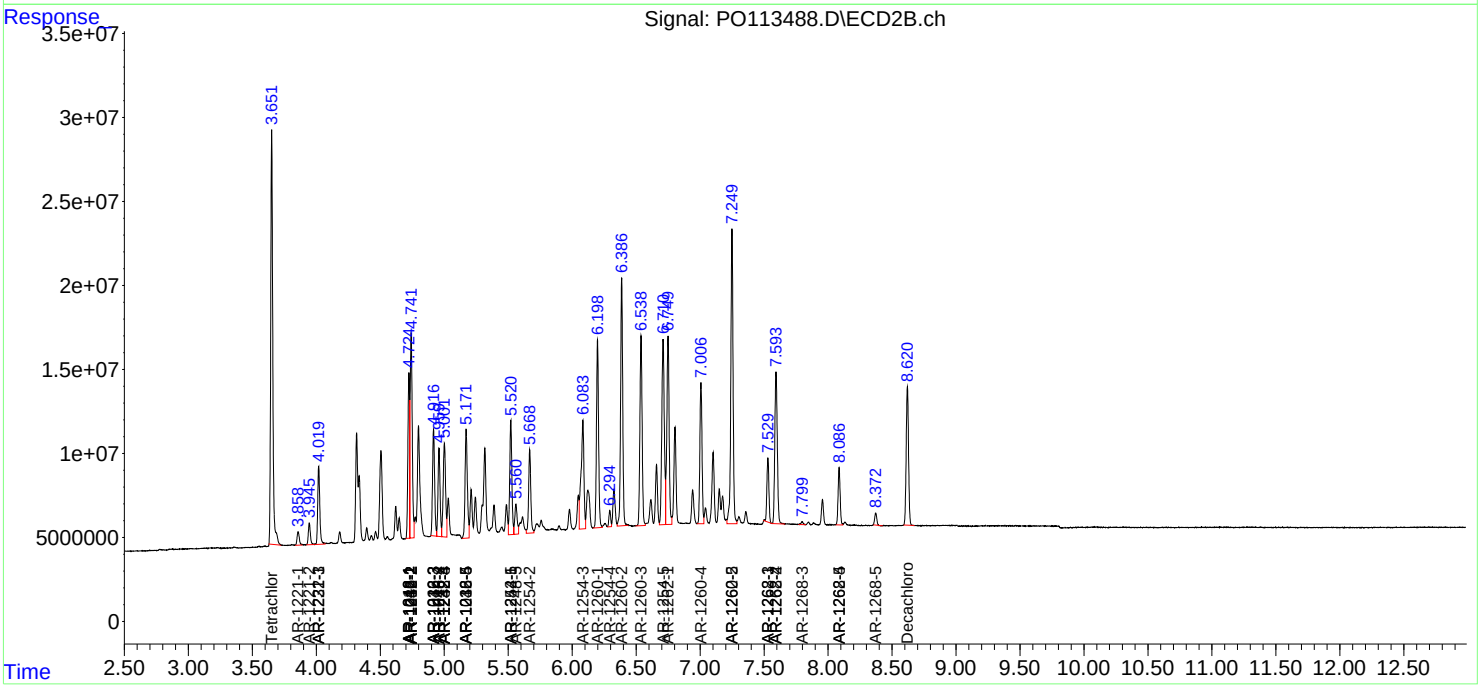
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO090425\
Data File : PO113488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 23:23
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

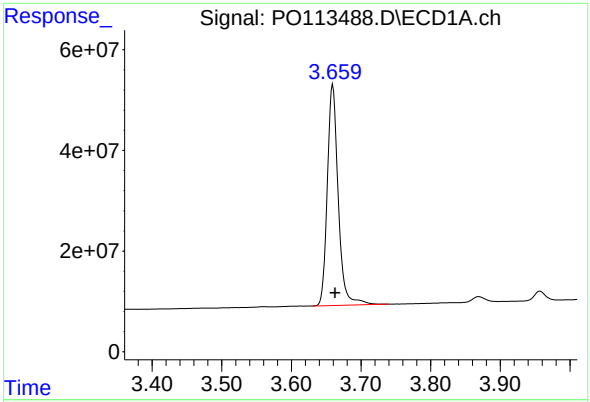
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 01:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 06:08:32 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



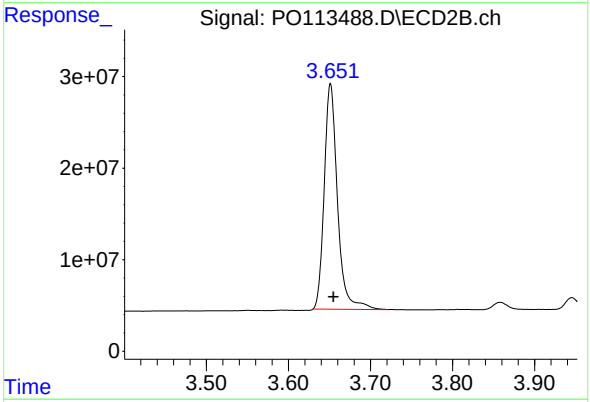






#1 Tetrachloro-m-xylene

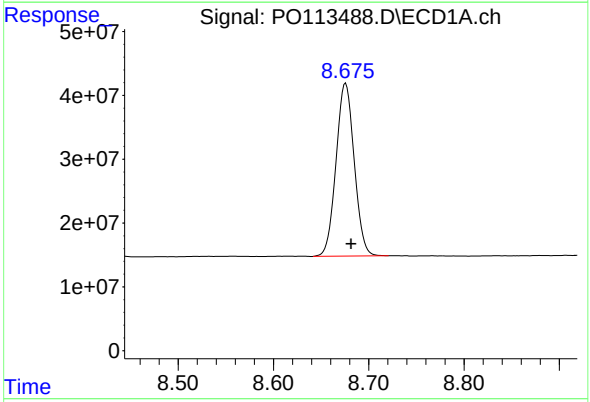
R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 477905122
Conc: 58.38 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



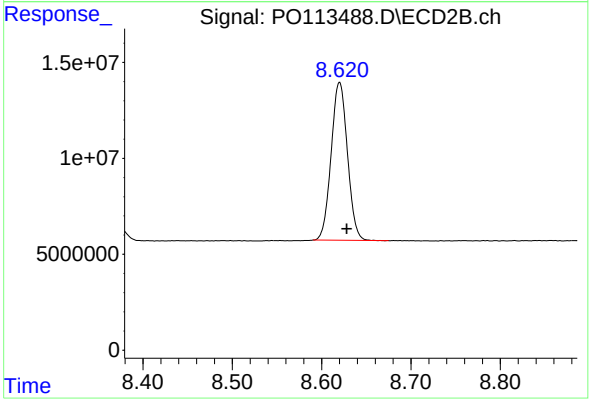

#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: -0.004 min
Response: 277101584
Conc: 54.76 ng/ml



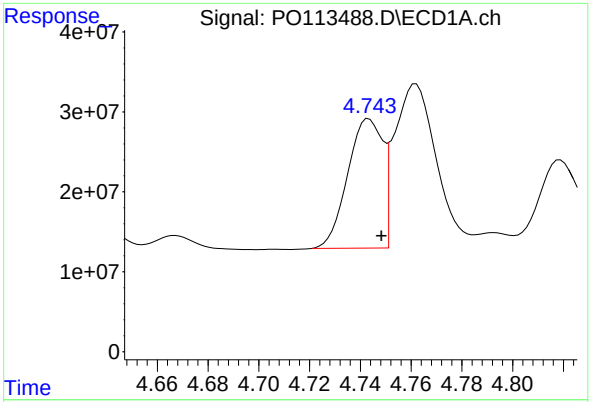

#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.006 min
Response: 359444686
Conc: 51.86 ng/ml




#2 Decachlorobiphenyl

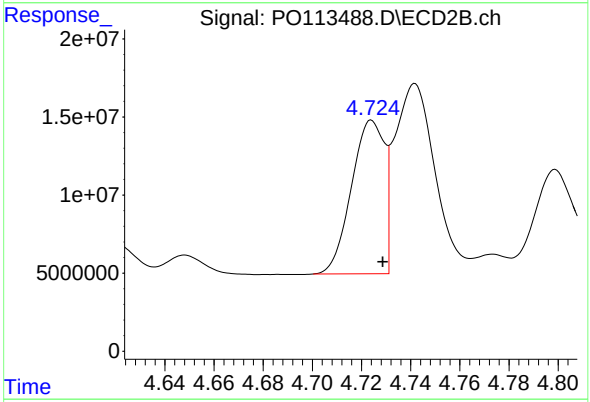
R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 104309802
Conc: 55.05 ng/ml




#3 AR-1016-1

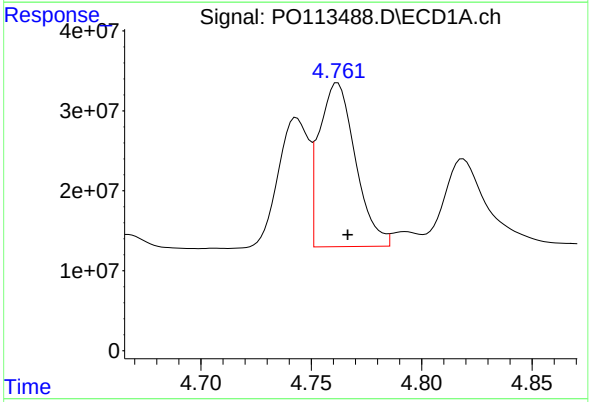
R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 154941892
Conc: 580.34 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



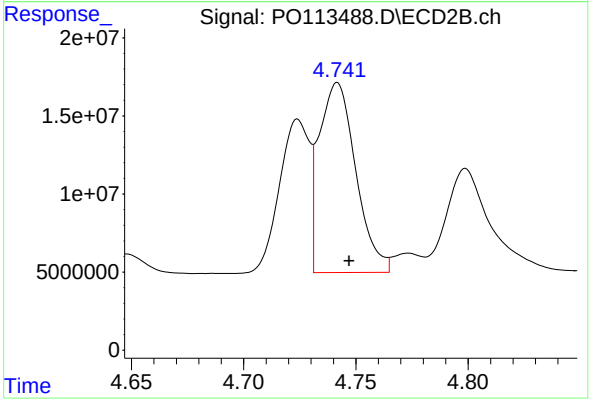

#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 91398360
Conc: 535.83 ng/ml



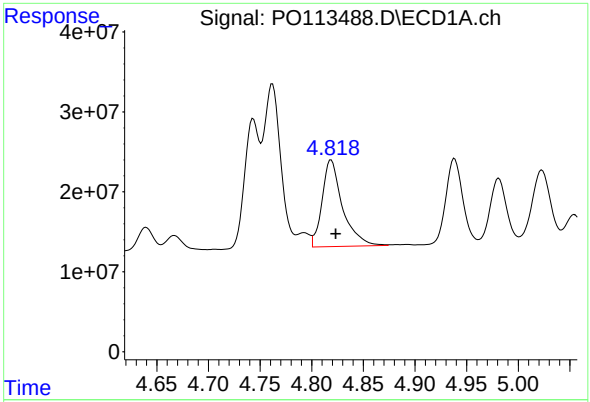

#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 234528062
Conc: 584.23 ng/ml




#4 AR-1016-2

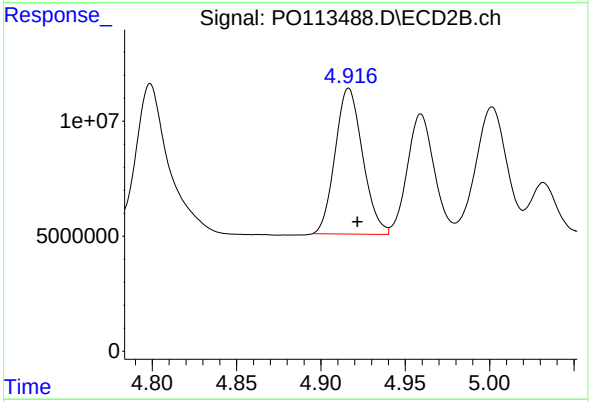
R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 138563804
Conc: 537.79 ng/ml




#5 AR-1016-3

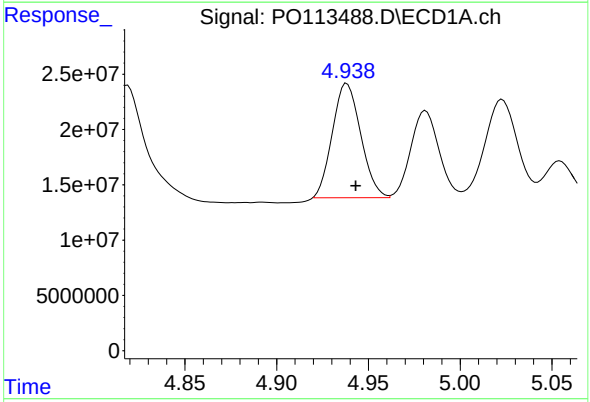
R.T.: 4.819 min
Delta R.T.: -0.005 min
Response: 149610583
Conc: 586.66 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



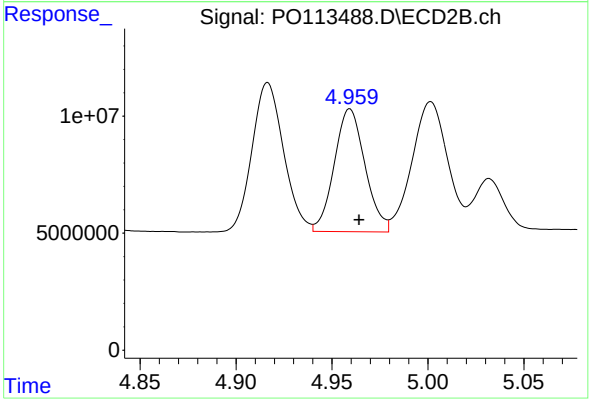

#5 AR-1016-3

R.T.: 4.916 min
Delta R.T.: -0.005 min
Response: 72079309
Conc: 516.27 ng/ml



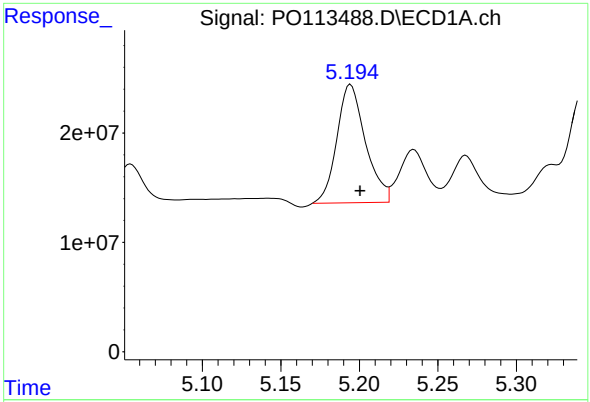

#6 AR-1016-4

R.T.: 4.938 min
Delta R.T.: -0.005 min
Response: 111248580
Conc: 510.16 ng/ml




#6 AR-1016-4

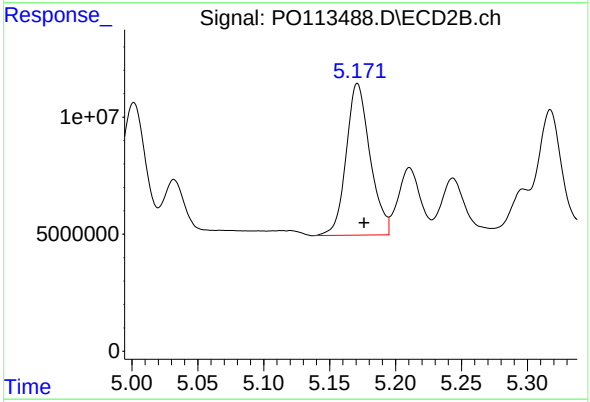
R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 58697905
Conc: 502.99 ng/ml




#7 AR-1016-5

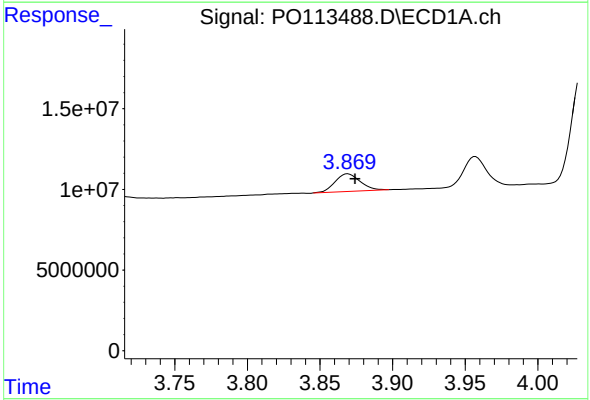
R.T.: 5.194 min
Delta R.T.: -0.006 min
Response: 137341234
Conc: 619.69 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



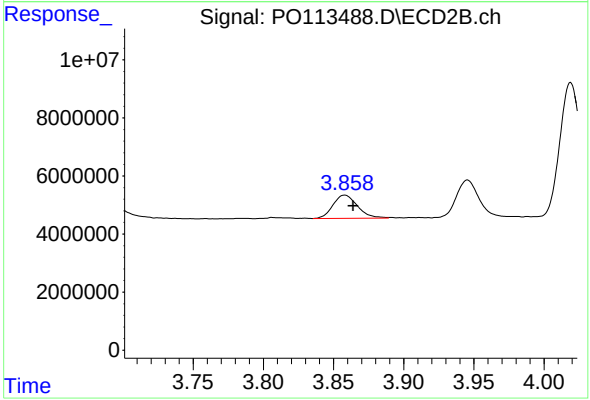

#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 81701737
Conc: 573.22 ng/ml



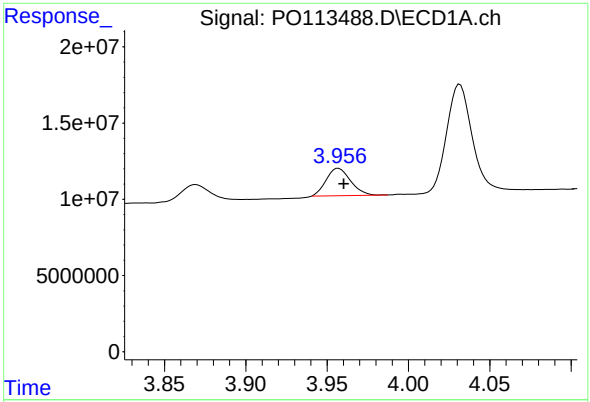

#8 AR-1221-1

R.T.: 3.869 min
Delta R.T.: -0.005 min
Response: 13143669
Conc: 140.46 ng/ml




#8 AR-1221-1

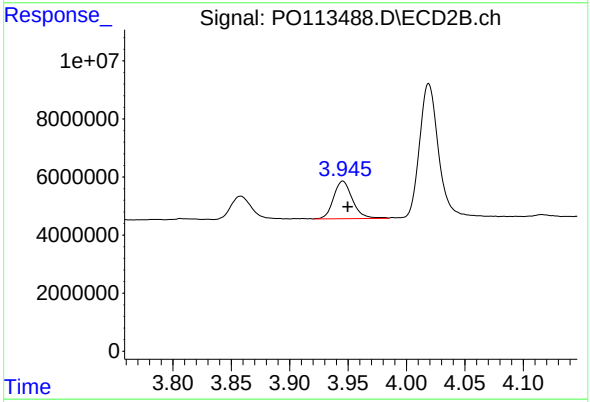
R.T.: 3.858 min
Delta R.T.: -0.006 min
Response: 9774247
Conc: 154.85 ng/ml




#9 AR-1221-2

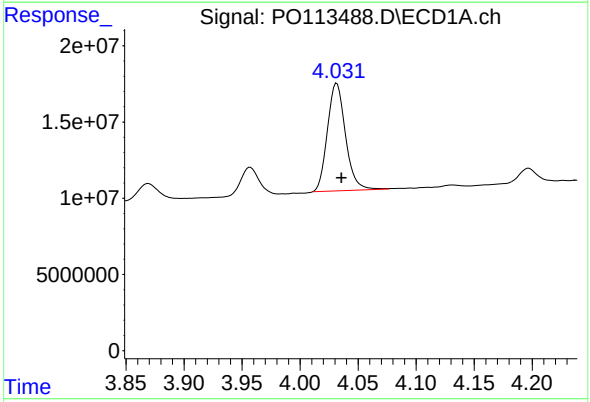
R.T.: 3.957 min
Delta R.T.: -0.003 min
Response: 18796779
Conc: 278.26 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



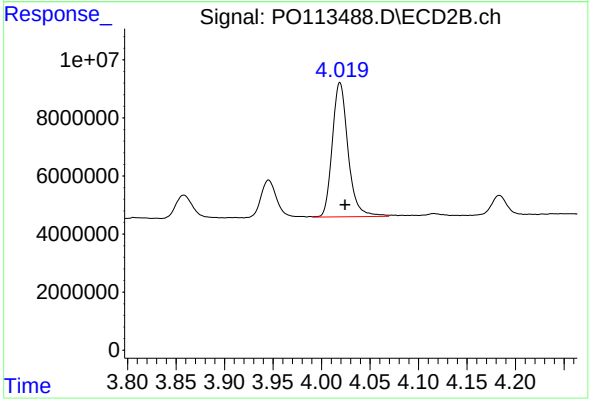

#9 AR-1221-2

R.T.: 3.945 min
Delta R.T.: -0.004 min
Response: 14556081
Conc: 311.87 ng/ml



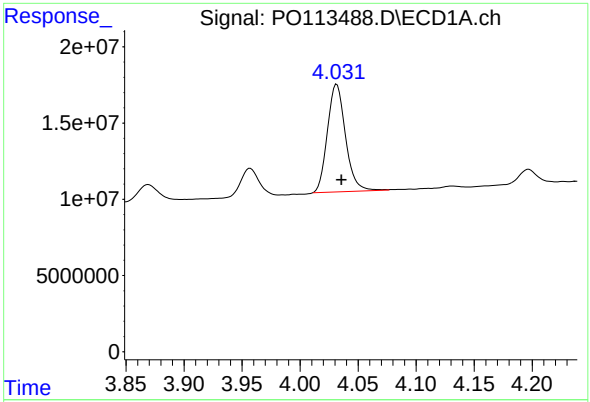

#10 AR-1221-3

R.T.: 4.032 min
Delta R.T.: -0.004 min
Response: 76572061
Conc: 345.93 ng/ml




#10 AR-1221-3

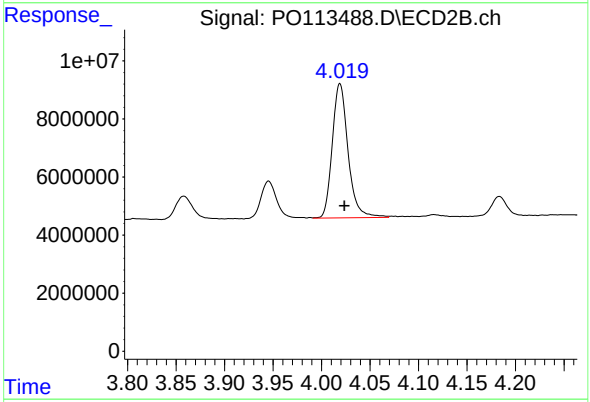
R.T.: 4.019 min
Delta R.T.: -0.005 min
Response: 52453169
Conc: 353.28 ng/ml




#11 AR-1232-1

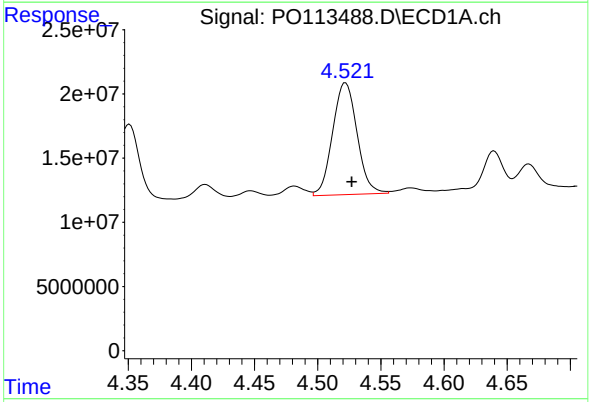
R.T.: 4.032 min
Delta R.T.: -0.004 min
Response: 76572061
Conc: 440.05 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



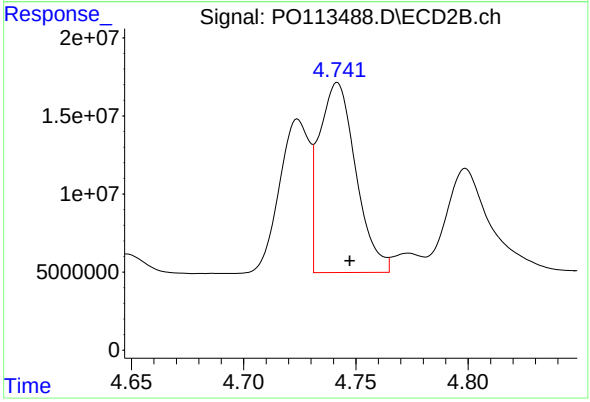

#11 AR-1232-1

R.T.: 4.019 min
Delta R.T.: -0.005 min
Response: 52453169
Conc: 446.78 ng/ml



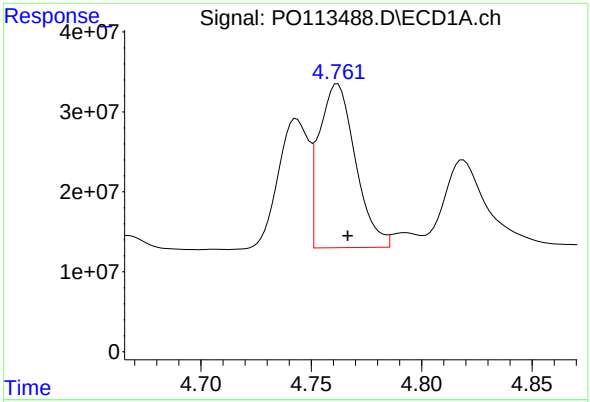

#12 AR-1232-2

R.T.: 4.522 min
Delta R.T.: -0.005 min
Response: 117331692
Conc: 1175.05 ng/ml




#12 AR-1232-2

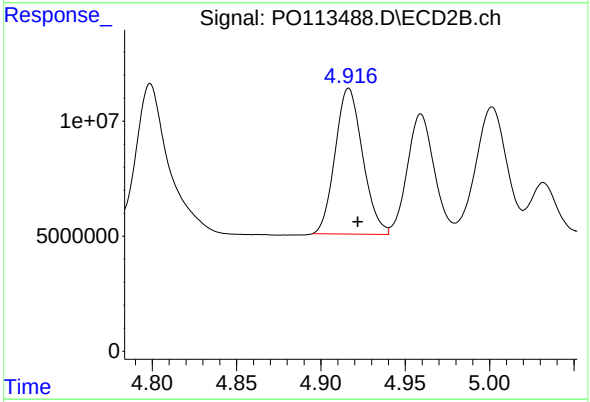
R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 138563804
Conc: 1130.72 ng/ml




#13 AR-1232-3

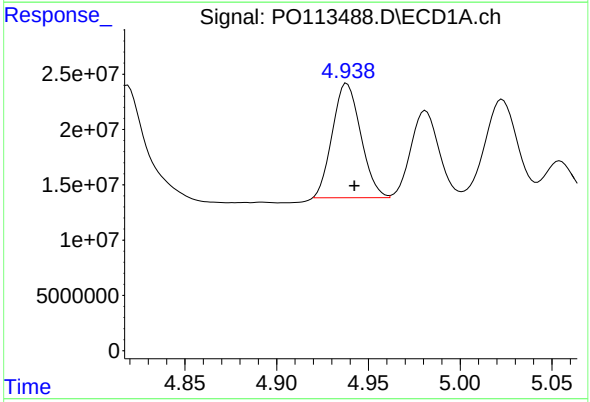
R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 234528062
Conc: 1237.78 ng/m

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



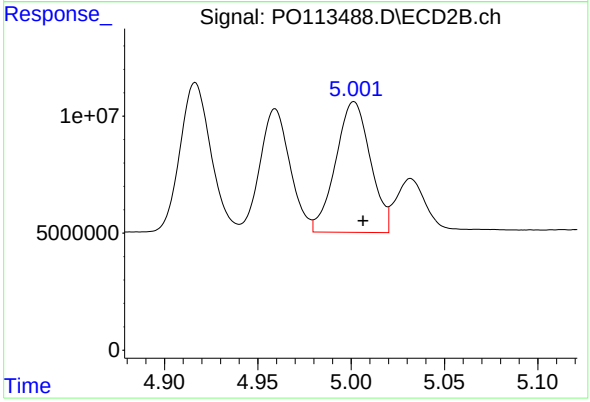

#13 AR-1232-3

R.T.: 4.916 min
Delta R.T.: -0.005 min
Response: 72079309
Conc: 1137.87 ng/ml



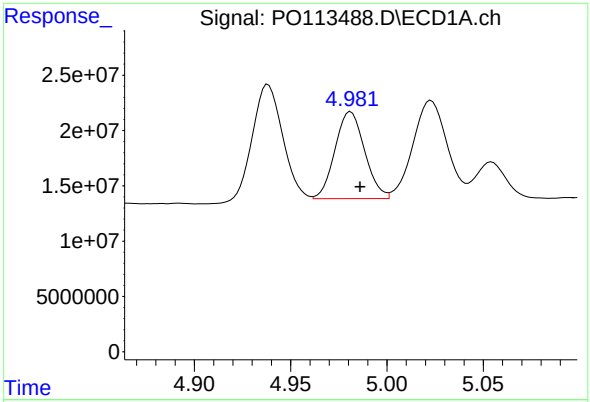

#14 AR-1232-4

R.T.: 4.938 min
Delta R.T.: -0.004 min
Response: 111248580
Conc: 1181.36 ng/ml




#14 AR-1232-4

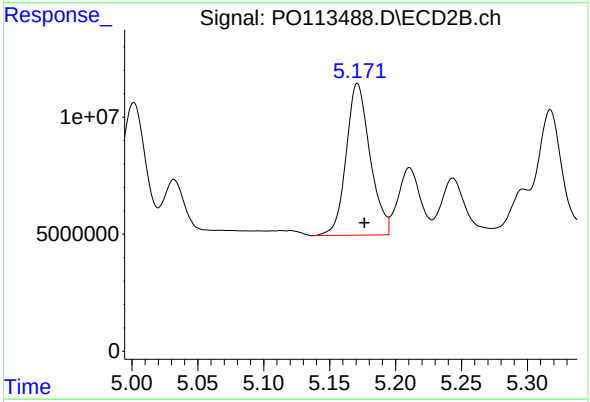
R.T.: 5.002 min
Delta R.T.: -0.005 min
Response: 72247067
Conc: 1285.05 ng/ml




#15 AR-1232-5

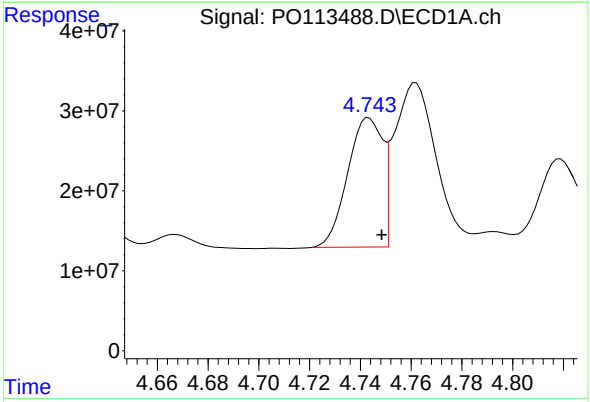
R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 84125902
Conc: 1358.12 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



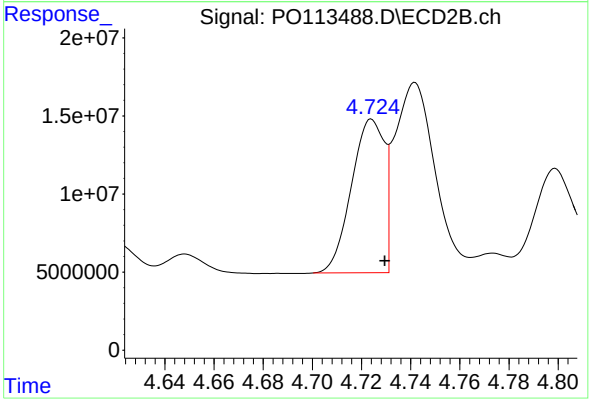

#15 AR-1232-5

R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 81701737
Conc: 1364.80 ng/ml



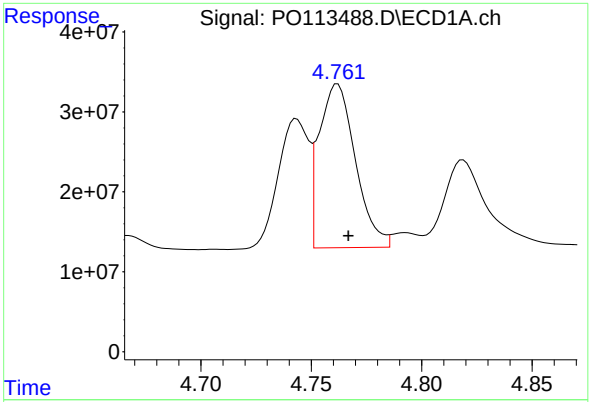

#16 AR-1242-1

R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 154941892
Conc: 673.86 ng/ml




#16 AR-1242-1

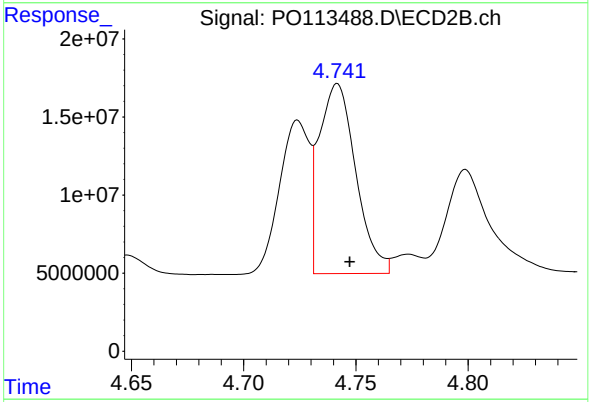
R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 91398360
Conc: 632.50 ng/ml




#17 AR-1242-2

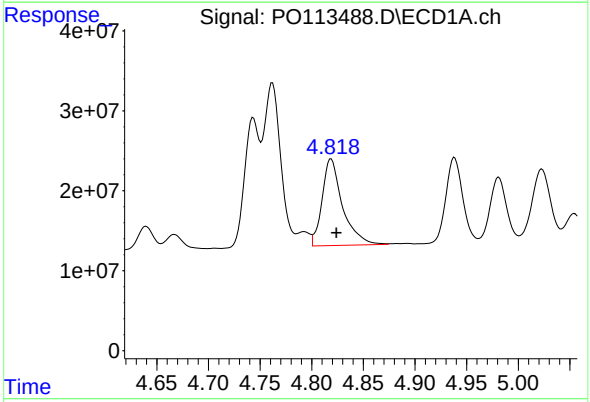
R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 234528062
Conc: 682.51 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



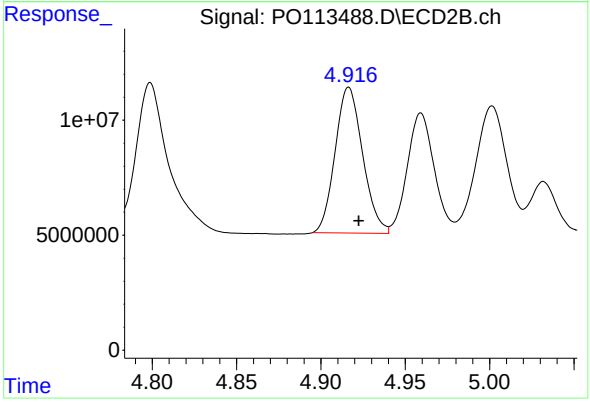

#17 AR-1242-2

R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 138563804
Conc: 638.80 ng/ml



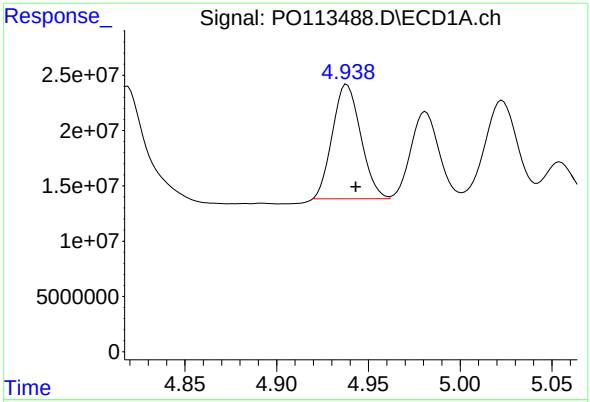

#18 AR-1242-3

R.T.: 4.819 min
Delta R.T.: -0.005 min
Response: 149610583
Conc: 674.27 ng/ml




#18 AR-1242-3

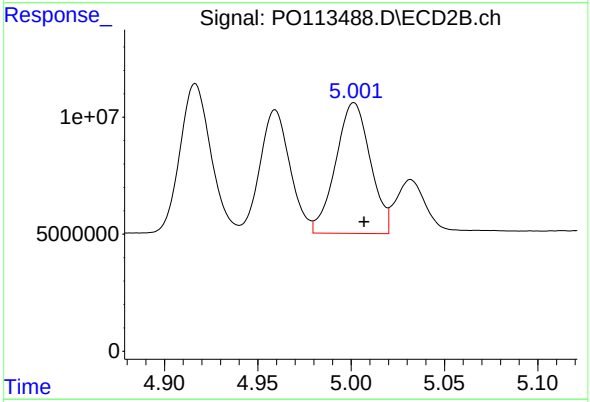
R.T.: 4.916 min
Delta R.T.: -0.006 min
Response: 72079309
Conc: 616.25 ng/ml




#19 AR-1242-4

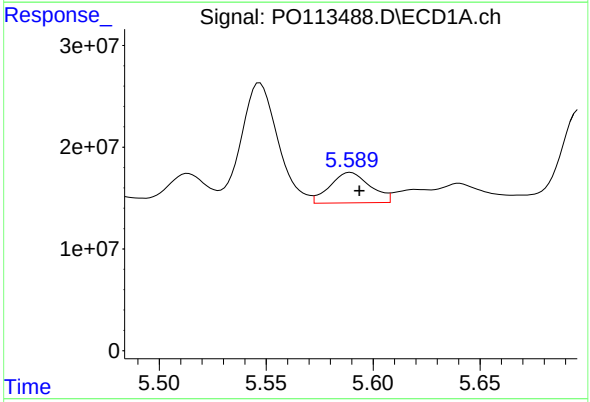
R.T.: 4.938 min
Delta R.T.: -0.005 min
Response: 111248580
Conc: 641.34 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



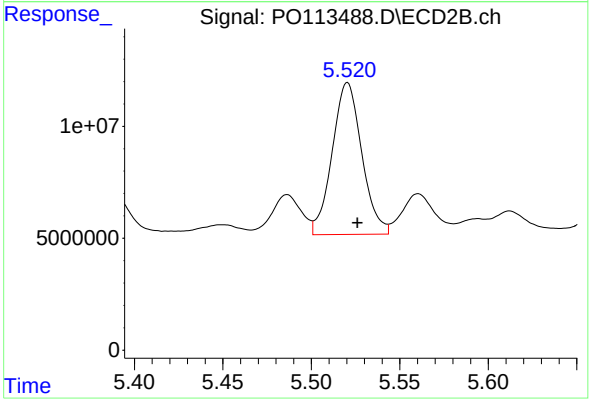

#19 AR-1242-4

R.T.: 5.002 min
Delta R.T.: -0.005 min
Response: 72247067
Conc: 614.15 ng/ml



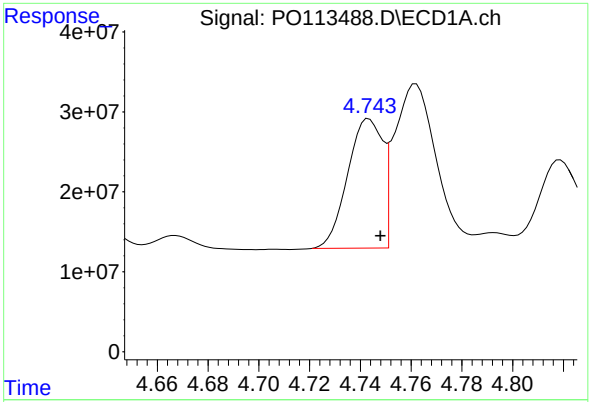

#20 AR-1242-5

R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 39193918
Conc: 195.81 ng/ml




#20 AR-1242-5

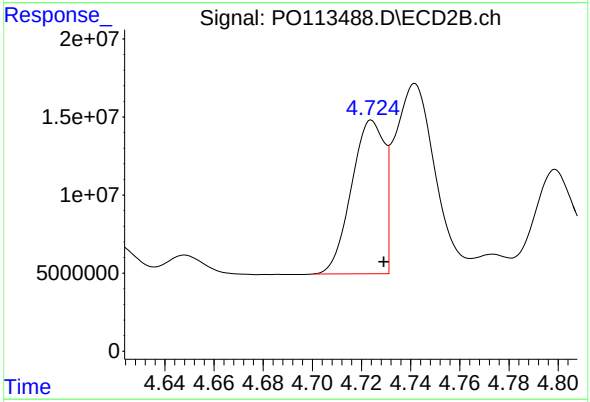
R.T.: 5.520 min
Delta R.T.: -0.006 min
Response: 79228517
Conc: 531.26 ng/ml




#21 AR-1248-1

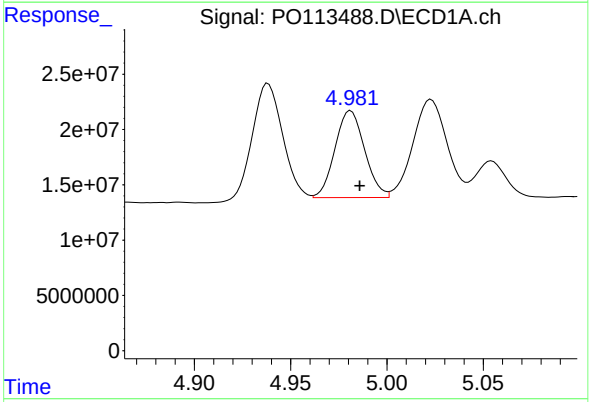
R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 154941892
Conc: 888.09 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



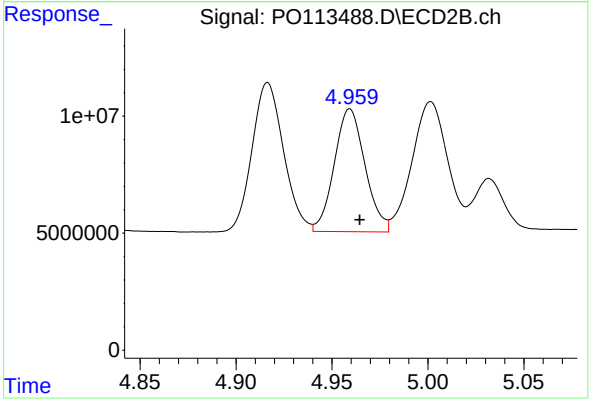

#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 91398360
Conc: 819.63 ng/ml



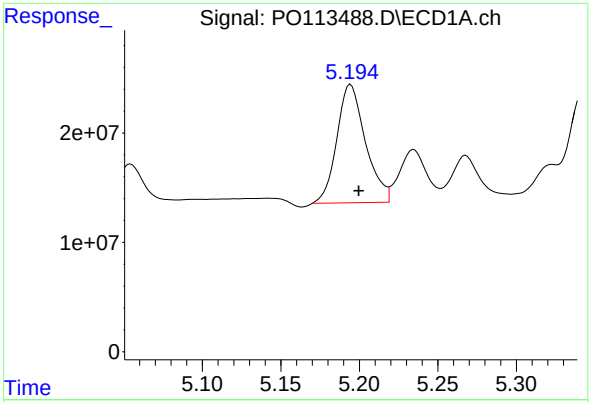

#22 AR-1248-2

R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 84125902
Conc: 347.82 ng/ml




#22 AR-1248-2

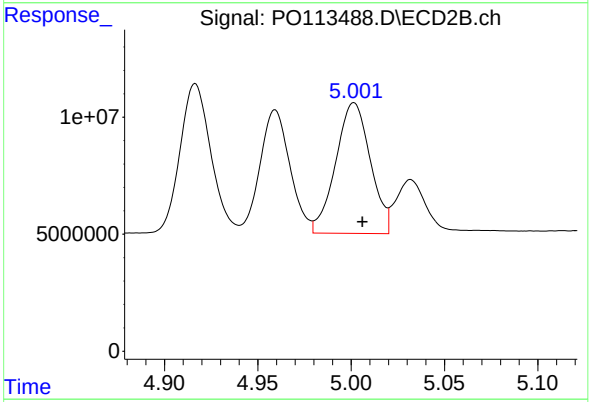
R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 58697905
Conc: 365.27 ng/ml




#23 AR-1248-3

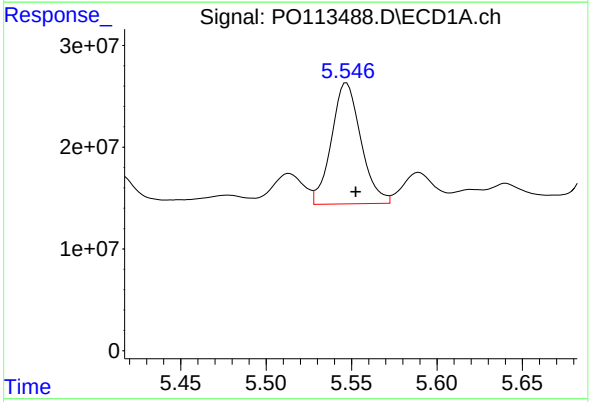
R.T.: 5.194 min
Delta R.T.: -0.005 min
Response: 137341234
Conc: 430.72 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



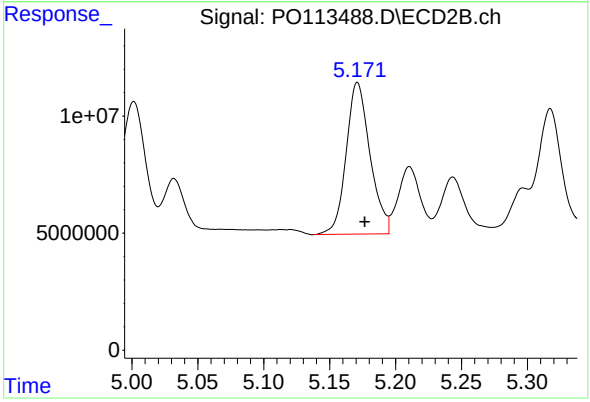

#23 AR-1248-3

R.T.: 5.002 min
Delta R.T.: -0.005 min
Response: 72247067
Conc: 425.83 ng/ml



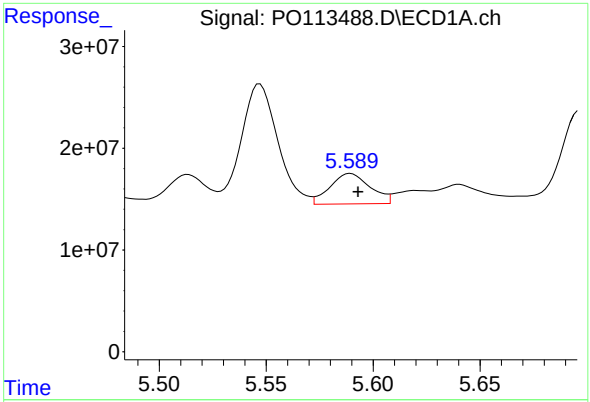

#24 AR-1248-4

R.T.: 5.547 min
Delta R.T.: -0.005 min
Response: 143033071
Conc: 286.29 ng/ml




#24 AR-1248-4

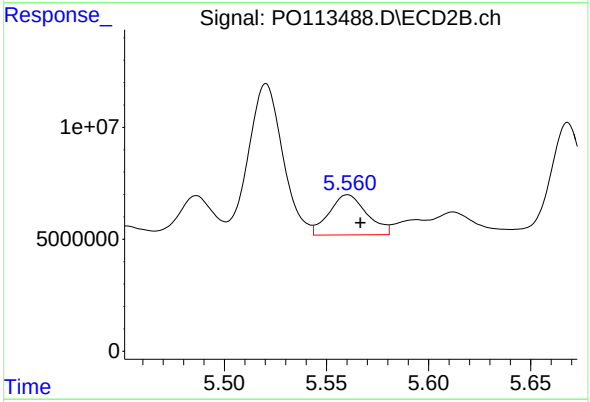
R.T.: 5.171 min
Delta R.T.: -0.005 min
Response: 81701737
Conc: 410.11 ng/ml




#25 AR-1248-5

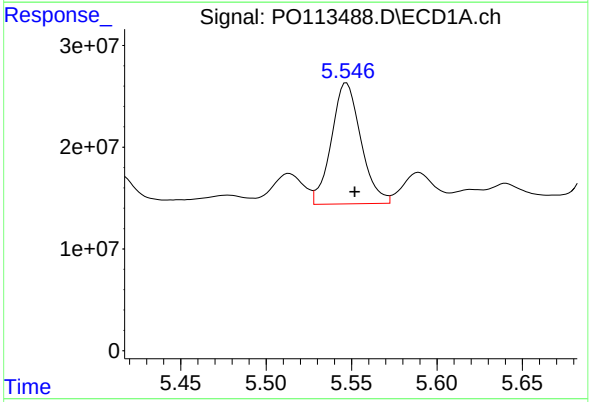
R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 39193918
Conc: 114.77 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



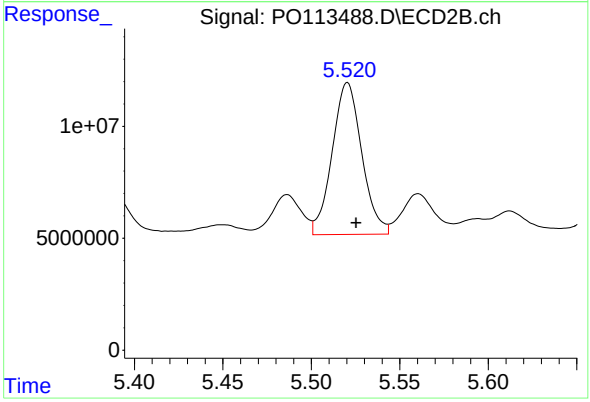

#25 AR-1248-5

R.T.: 5.560 min
Delta R.T.: -0.006 min
Response: 23189278
Conc: 109.23 ng/ml



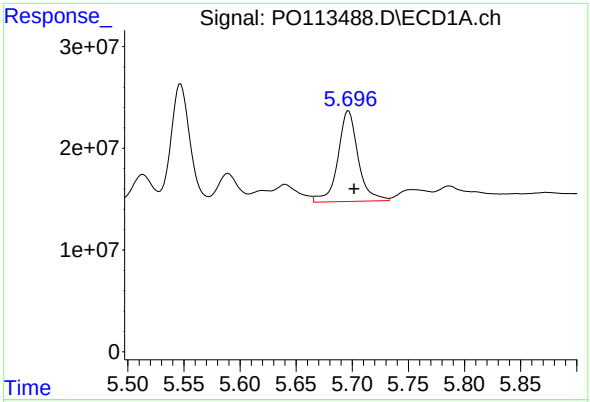

#26 AR-1254-1

R.T.: 5.547 min
Delta R.T.: -0.005 min
Response: 143033071
Conc: 264.89 ng/ml




#26 AR-1254-1

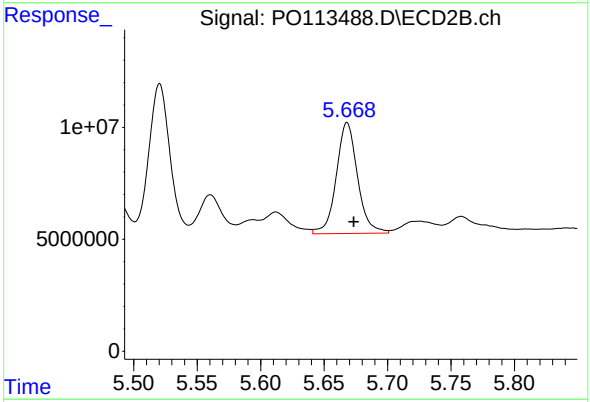
R.T.: 5.520 min
Delta R.T.: -0.005 min
Response: 79228517
Conc: 251.24 ng/ml




#27 AR-1254-2

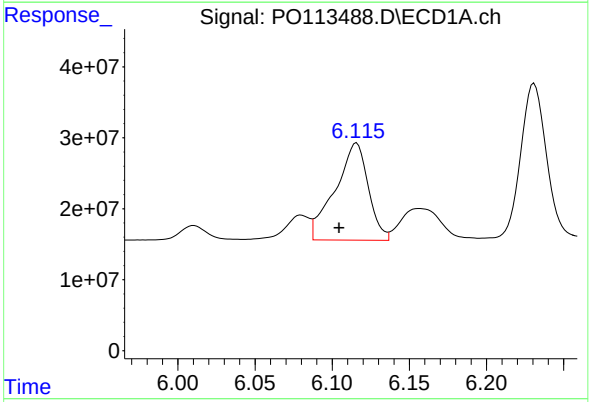
R.T.: 5.697 min
Delta R.T.: -0.005 min
Response: 111580452
Conc: 226.12 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



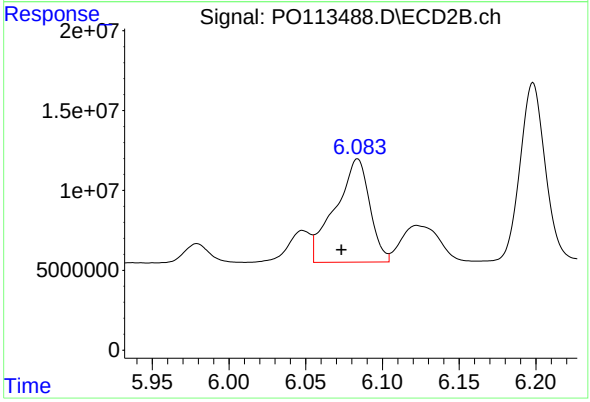

#27 AR-1254-2

R.T.: 5.668 min
Delta R.T.: -0.005 min
Response: 57793181
Conc: 206.15 ng/ml



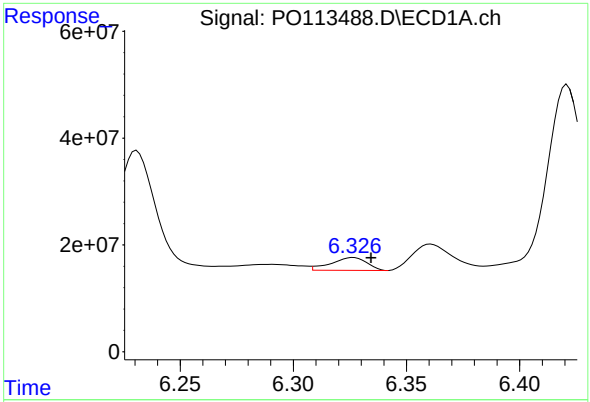

#28 AR-1254-3

R.T.: 6.116 min
Delta R.T.: 0.011 min
Response: 205579814
Conc: 278.23 ng/ml




#28 AR-1254-3

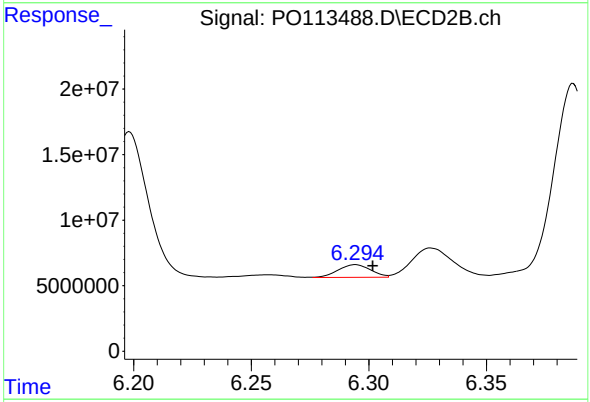
R.T.: 6.084 min
Delta R.T.: 0.011 min
Response: 101274923
Conc: 242.91 ng/ml




#29 AR-1254-4

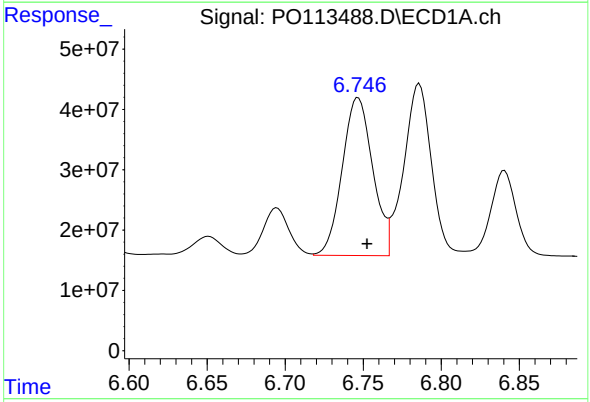
R.T.: 6.327 min
Delta R.T.: -0.008 min
Response: 26471822
Conc: 47.53 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



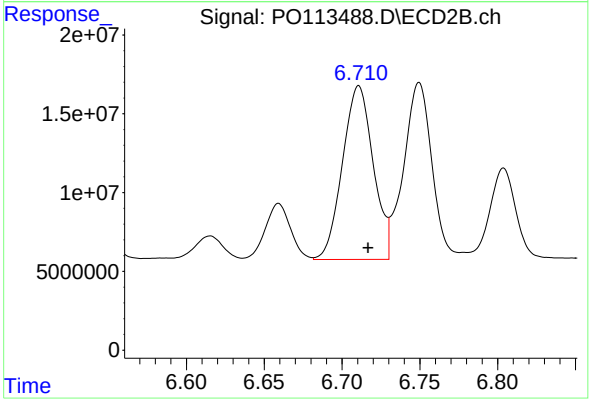

#29 AR-1254-4

R.T.: 6.294 min
Delta R.T.: -0.007 min
Response: 9349146
Conc: 34.02 ng/ml



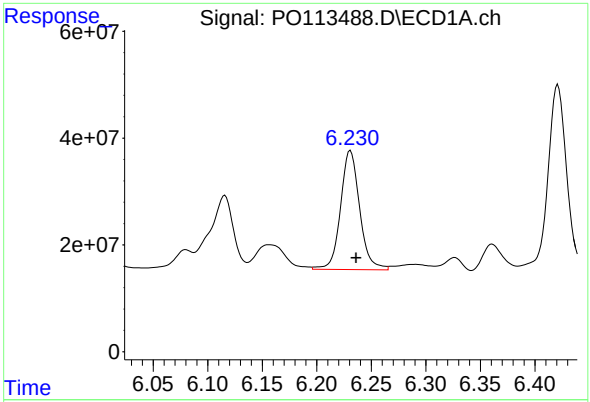

#30 AR-1254-5

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 355764477
Conc: 507.53 ng/ml




#30 AR-1254-5

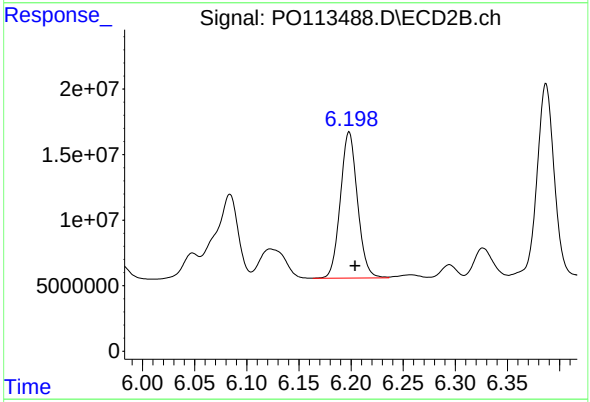
R.T.: 6.711 min
Delta R.T.: -0.006 min
Response: 151595034
Conc: 424.05 ng/ml




#31 AR-1260-1

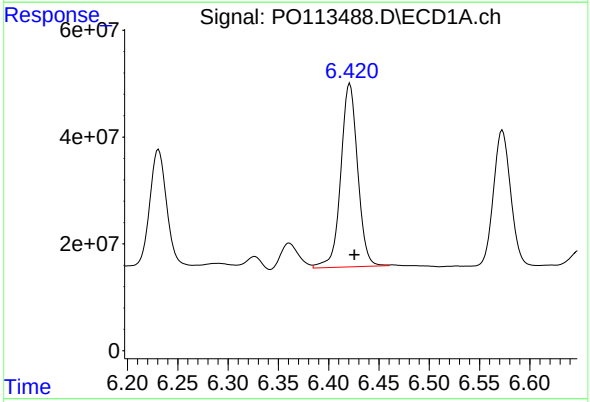
R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 271836550
Conc: 609.53 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



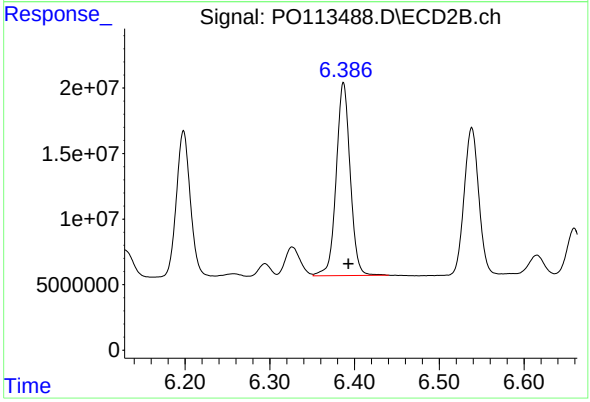

#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 127701928
Conc: 500.66 ng/ml



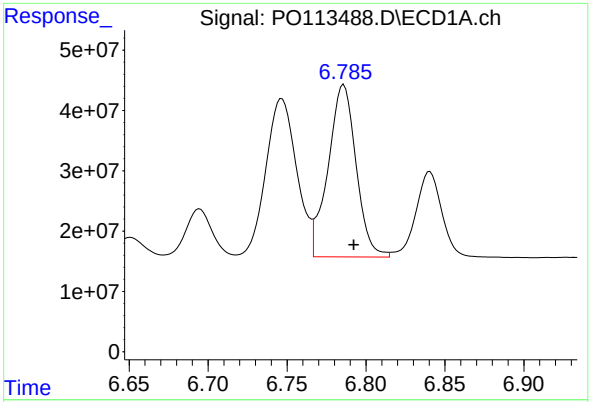

#32 AR-1260-2

R.T.: 6.421 min
Delta R.T.: -0.004 min
Response: 402073769
Conc: 585.50 ng/ml




#32 AR-1260-2

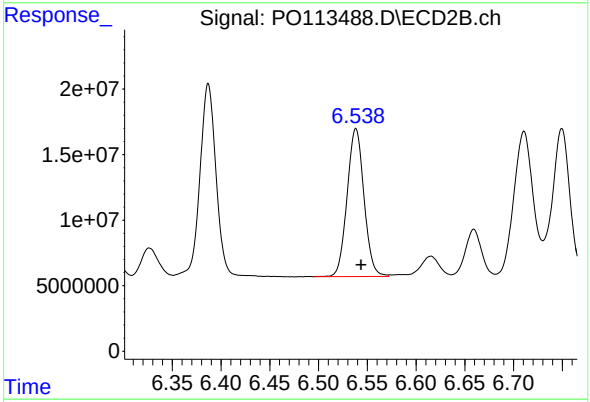
R.T.: 6.387 min
Delta R.T.: -0.006 min
Response: 168982802
Conc: 488.80 ng/ml




#33 AR-1260-3

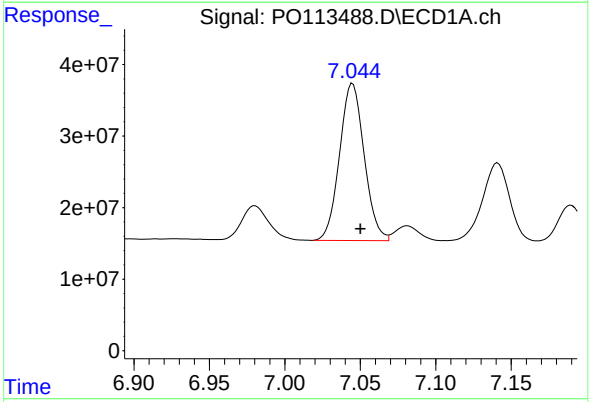
R.T.: 6.786 min
Delta R.T.: -0.006 min
Response: 352326253
Conc: 570.59 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



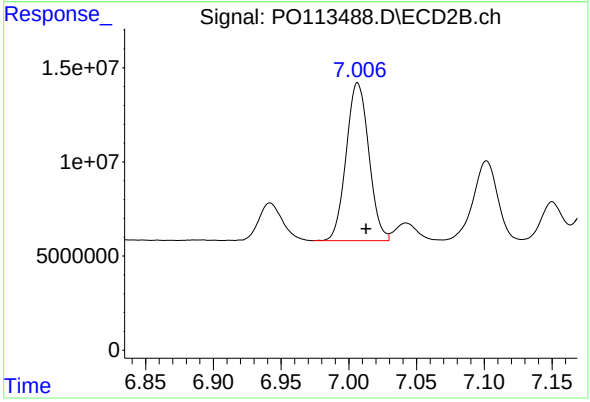

#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.005 min
Response: 135841653
Conc: 456.71 ng/ml



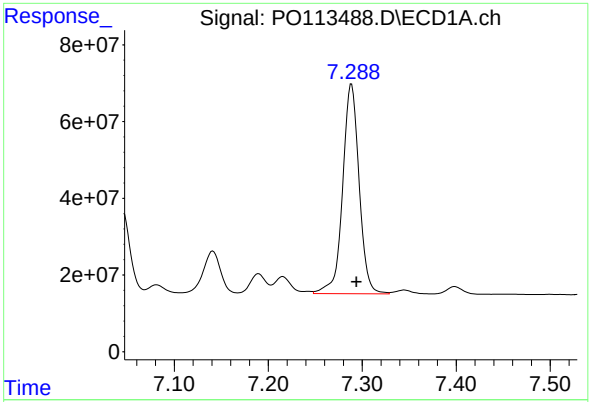

#34 AR-1260-4

R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 249594753
Conc: 557.29 ng/ml




#34 AR-1260-4

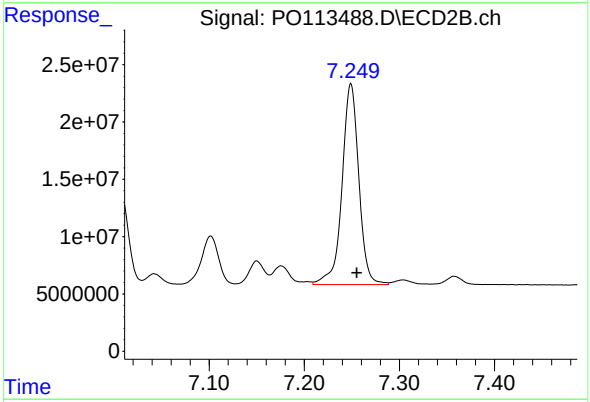
R.T.: 7.007 min
Delta R.T.: -0.006 min
Response: 97518612
Conc: 470.54 ng/ml




#35 AR-1260-5

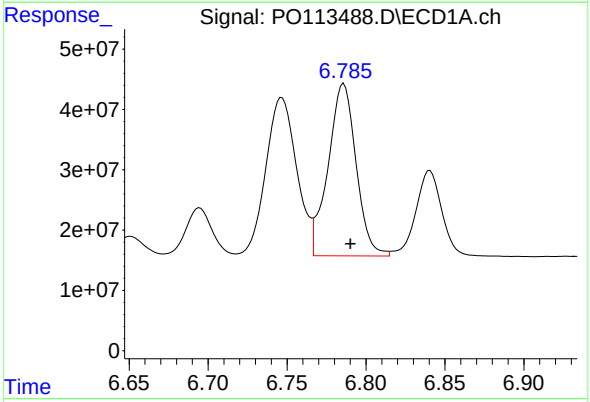
R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 665539939
Conc: 549.72 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



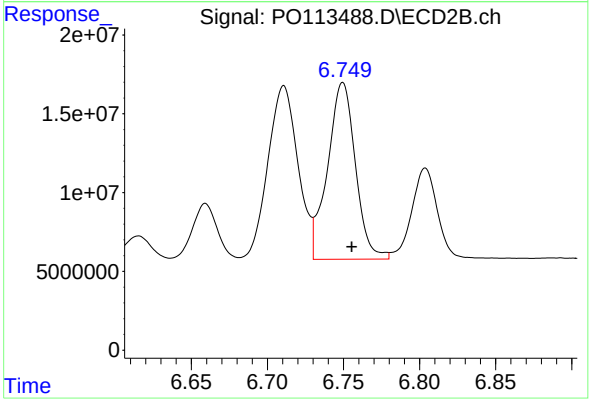

#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 215144999
Conc: 459.29 ng/ml



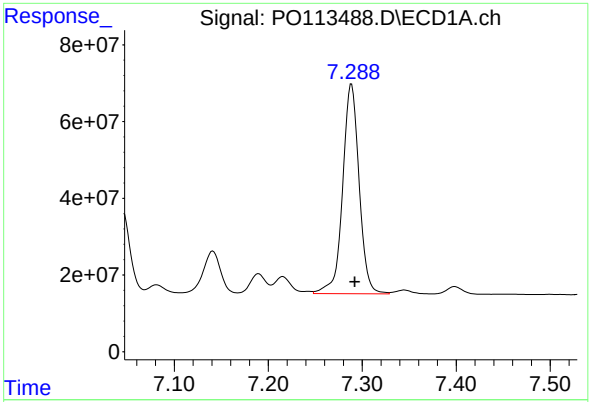

#36 AR-1262-1

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 352326253
Conc: 384.74 ng/ml




#36 AR-1262-1

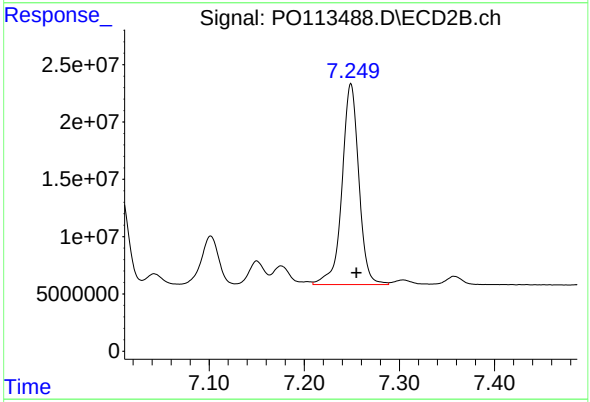
R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 142911645
Conc: 344.69 ng/ml




#37 AR-1262-2

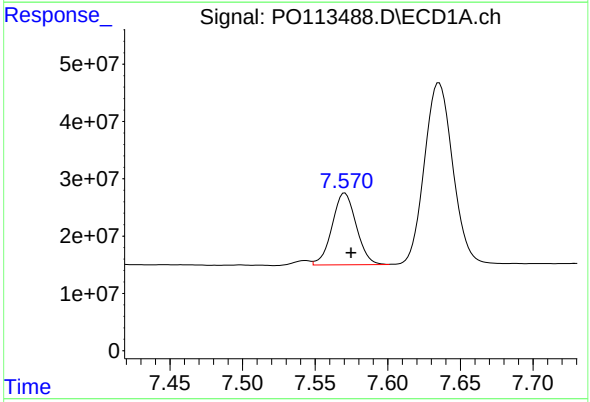
R.T.: 7.289 min
Delta R.T.: -0.004 min
Response: 665539939
Conc: 440.13 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



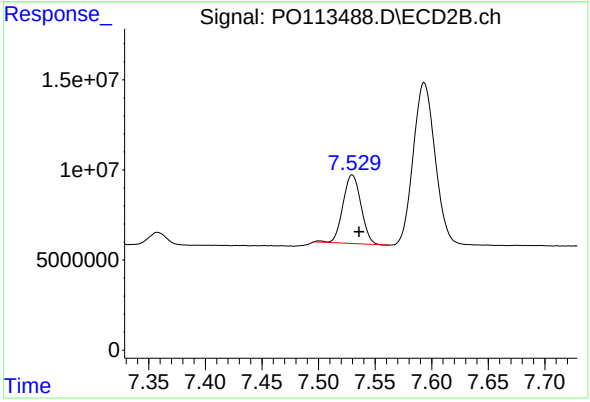

#37 AR-1262-2

R.T.: 7.249 min
Delta R.T.: -0.006 min
Response: 215144999
Conc: 415.60 ng/ml



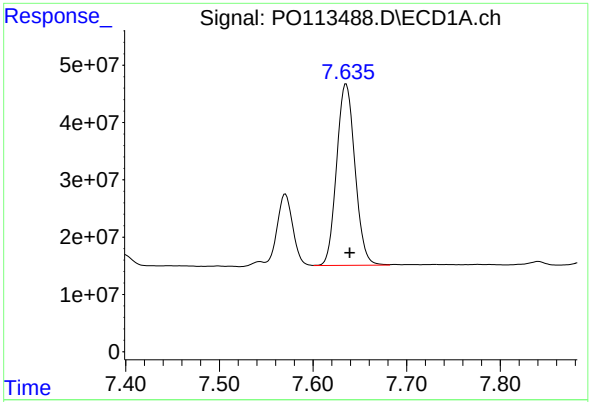

#38 AR-1262-3

R.T.: 7.570 min
Delta R.T.: -0.004 min
Response: 145005917
Conc: 261.69 ng/ml




#38 AR-1262-3

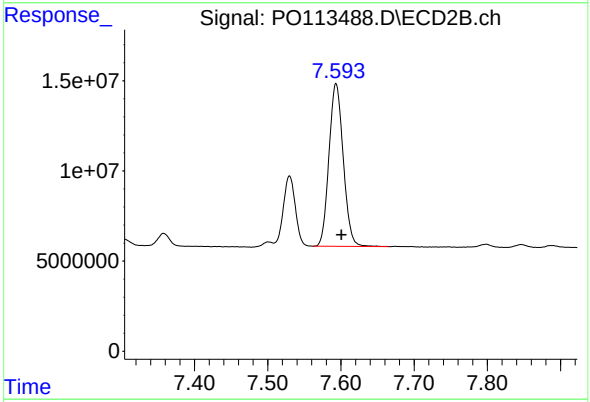
R.T.: 7.530 min
Delta R.T.: -0.006 min
Response: 42080264
Conc: 234.31 ng/ml




#39 AR-1262-4

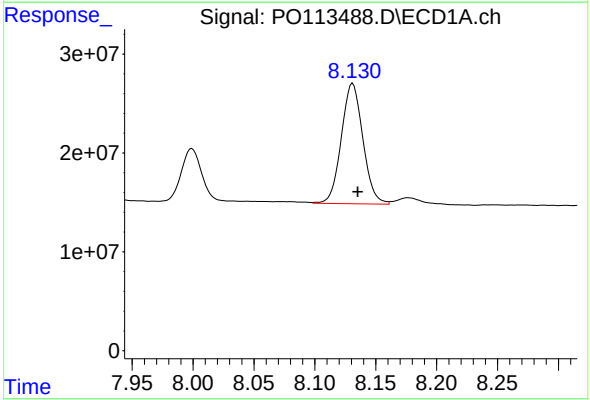
R.T.: 7.635 min
Delta R.T.: -0.004 min
Response: 430850472
Conc: 440.56 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



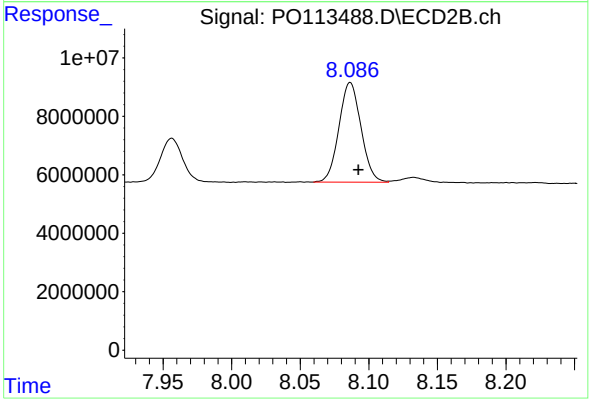

#39 AR-1262-4

R.T.: 7.593 min
Delta R.T.: -0.007 min
Response: 122139566
Conc: 421.31 ng/ml



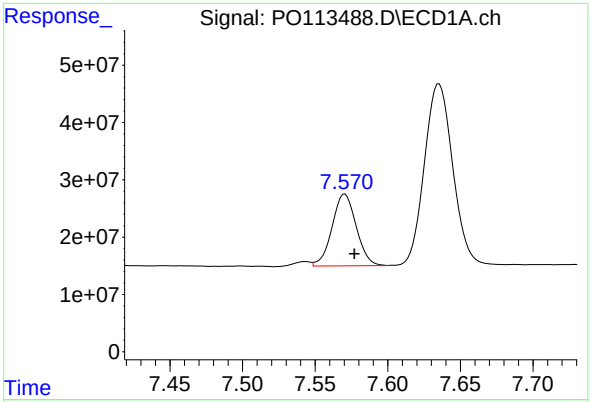

#40 AR-1262-5

R.T.: 8.131 min
Delta R.T.: -0.004 min
Response: 150082517
Conc: 360.02 ng/ml




#40 AR-1262-5

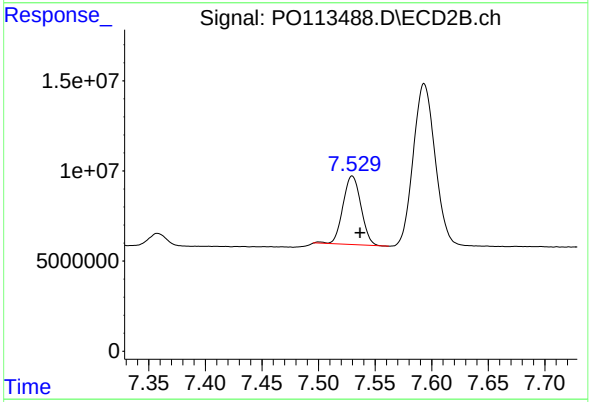
R.T.: 8.086 min
Delta R.T.: -0.006 min
Response: 38146404
Conc: 352.13 ng/ml




#41 AR-1268-1

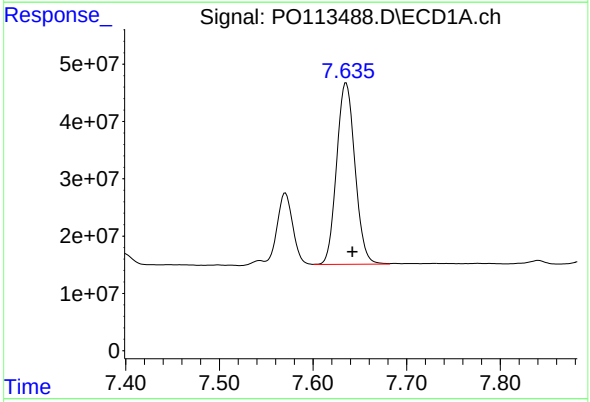
R.T.: 7.570 min
Delta R.T.: -0.006 min
Response: 145005917
Conc: 84.26 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



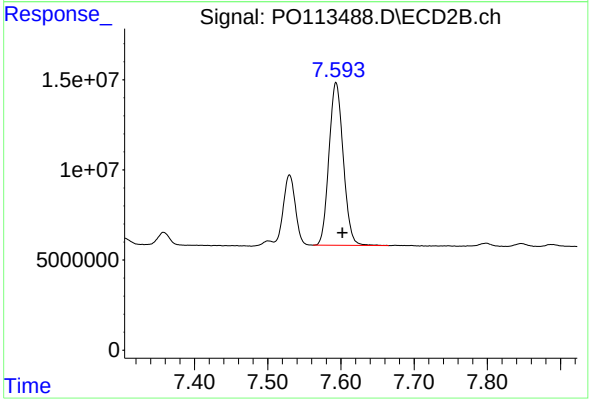

#41 AR-1268-1

R.T.: 7.530 min
Delta R.T.: -0.007 min
Response: 42080264
Conc: 82.60 ng/ml



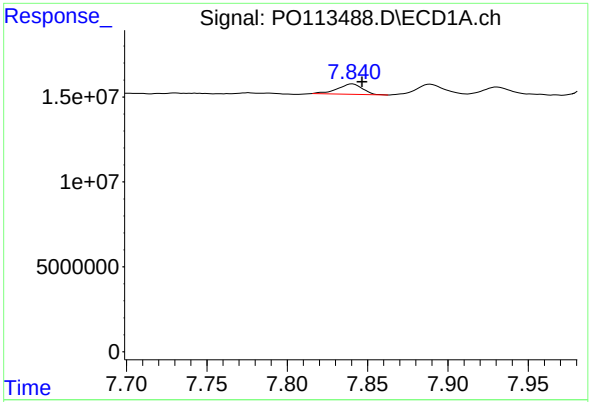

#42 AR-1268-2

R.T.: 7.635 min
Delta R.T.: -0.007 min
Response: 430850472
Conc: 297.52 ng/ml




#42 AR-1268-2

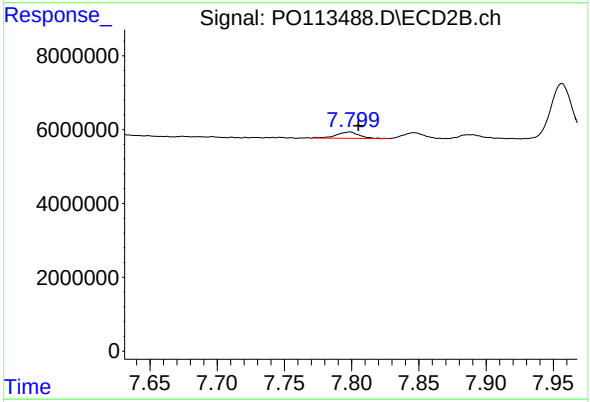
R.T.: 7.593 min
Delta R.T.: -0.009 min
Response: 122139566
Conc: 294.03 ng/ml




#43 AR-1268-3

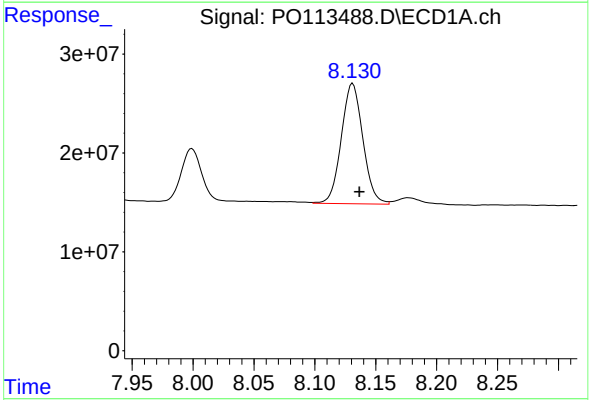
R.T.: 7.841 min
Delta R.T.: -0.006 min
Response: 6685982
Conc: 5.54 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500



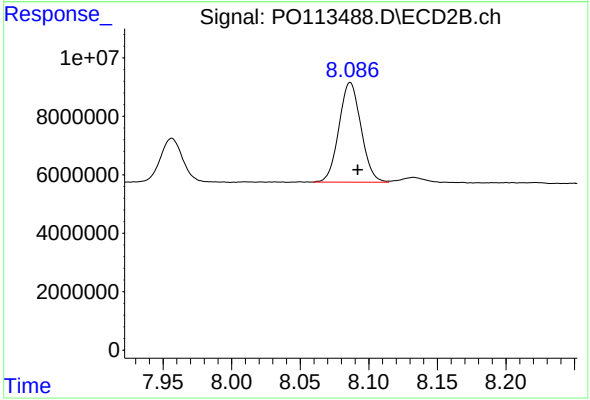

#43 AR-1268-3

R.T.: 7.799 min
Delta R.T.: -0.006 min
Response: 1944435
Conc: 5.96 ng/ml



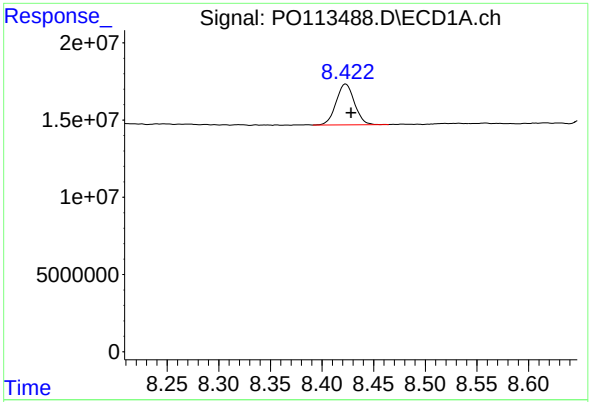

#44 AR-1268-4

R.T.: 8.131 min
Delta R.T.: -0.006 min
Response: 150082517
Conc: 325.80 ng/ml




#44 AR-1268-4

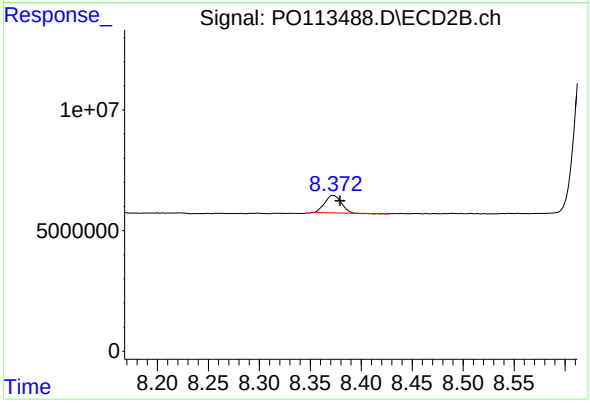
R.T.: 8.086 min
Delta R.T.: -0.005 min
Response: 38146404
Conc: 316.74 ng/ml




#45 AR-1268-5

R.T.: 8.423 min
Delta R.T.: -0.005 min
Response: 32682789
Conc: 10.25 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500




#45 AR-1268-5

R.T.: 8.372 min
Delta R.T.: -0.007 min
Response: 8118752
Conc: 10.40 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:07
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:23:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 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... | 4.657 | 3.801 | 7024957 | 19122429 | 5.741 | 3.955 | # |
| 2) | SA Decachlor... | 10.436 | 8.818 | 5509179 | 34572334 | 5.579 | 4.610 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.809 | 4.902 | 2665466 | 25477095 | 60.816 | 50.018 | |
| 4) | L1 AR-1016-2 | 5.831 | 4.960 | 4003808 | 10729046 | 63.369 | 45.077 | # |
| 5) | L1 AR-1016-3 | 5.894 | 5.081 | 3406314 | 7029920 | 75.223 | 50.977 | # |
| 6) | L1 AR-1016-4 | 5.990 | 5.119 | 2521976 | 7240890 | 70.628 | 51.793 | # |
| 7) | L1 AR-1016-5 | 6.283 | 5.333 | 1827989 | 10255452 | 55.083 | 61.749 | |
| 31) | L7 AR-1260-1 | 7.401 | 6.364 | 3621398 | 18274802 | 62.644 | 48.704 | |
| 32) | L7 AR-1260-2 | 7.654 | 6.549 | 4330850 | 27742209 | 62.841 | 52.461 | |
| 33) | L7 AR-1260-3 | 8.011 | 6.704 | 3312808 | 26298630 | 64.365 | 65.936 | |
| 34) | L7 AR-1260-4 | 8.240 | 7.175 | 4425970 | 24770745 | 69.809 | 64.576 | |
| 35) | L7 AR-1260-5 | 8.564 | 7.413 | 6997672 | 47160390 | 62.472 | 47.814 | |

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

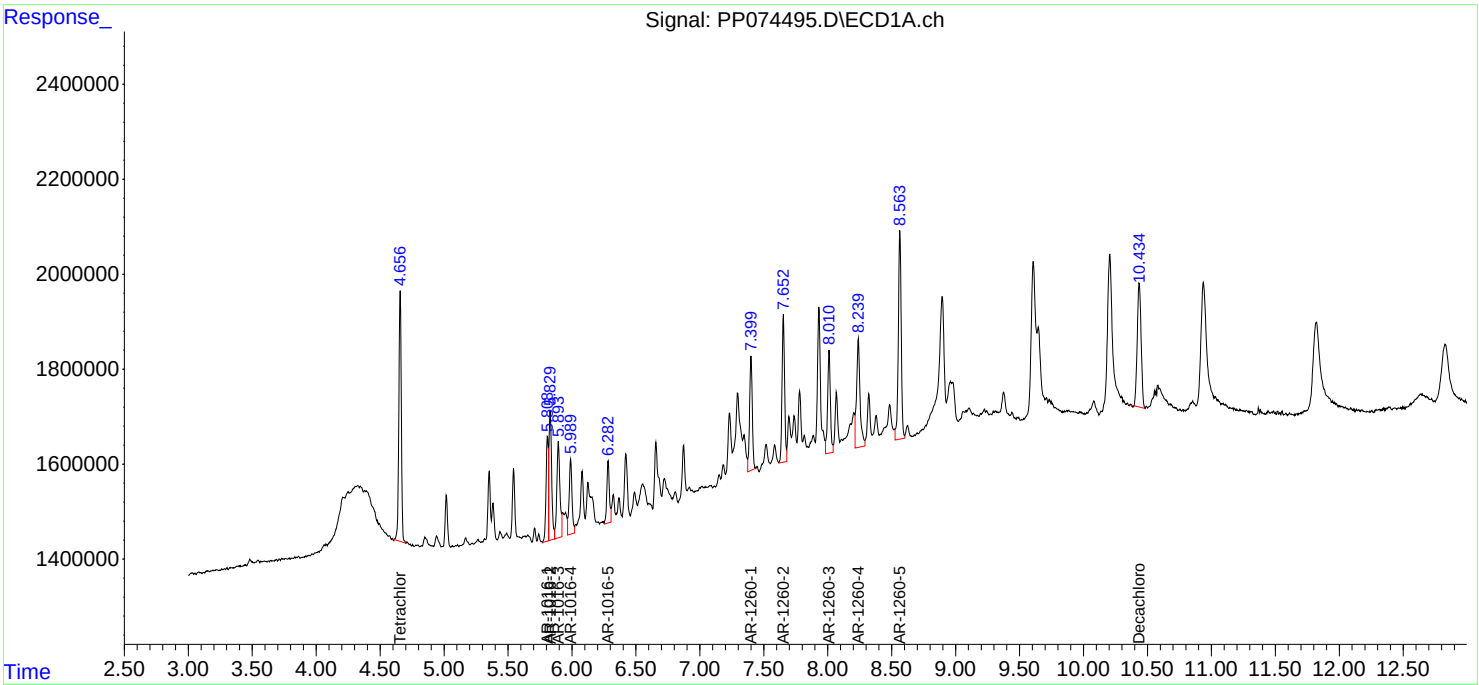
Quantitation Report (Not Reviewed)

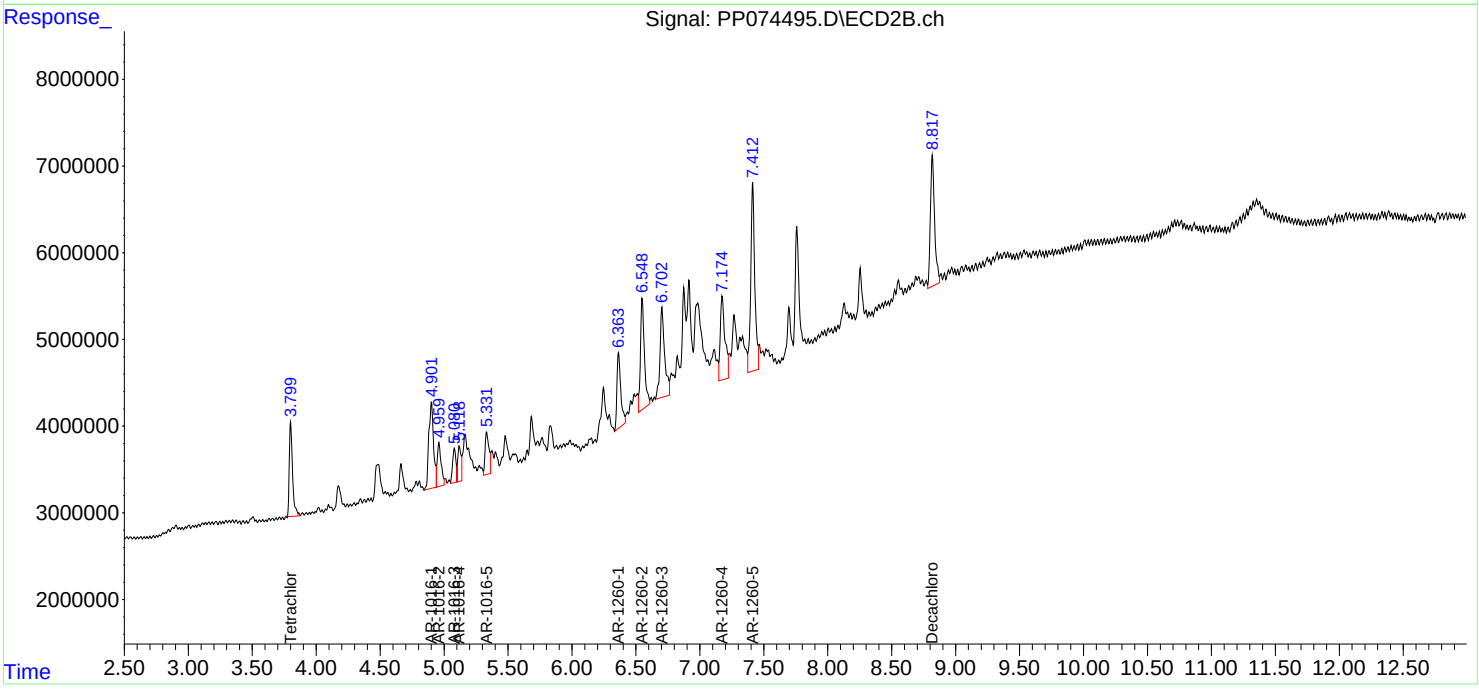
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:07
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

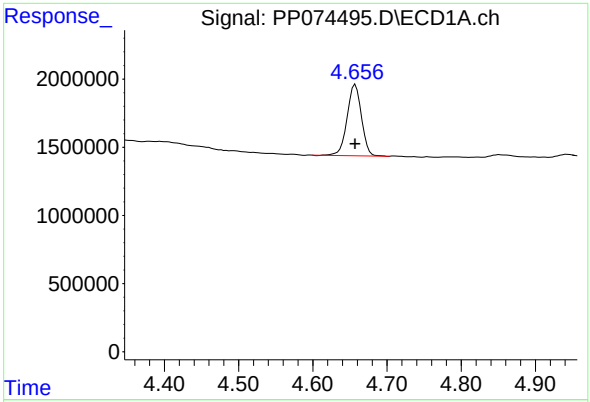
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:23:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 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



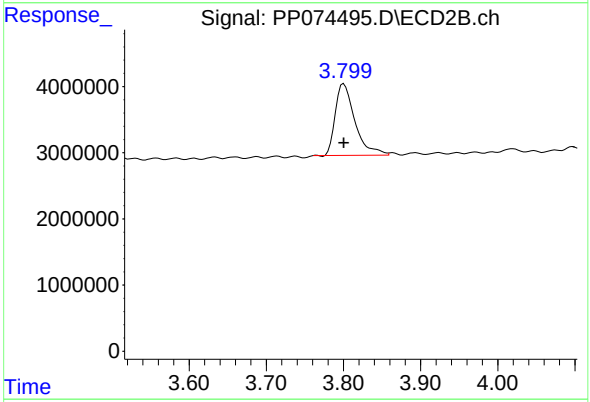






#1 Tetrachloro-m-xylene

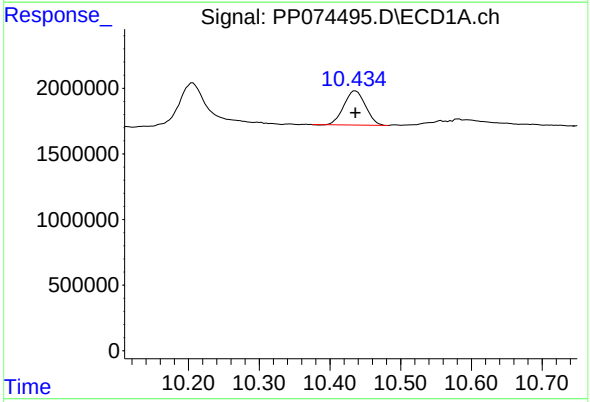
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 7024957
Conc: 5.74 ng/ml

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



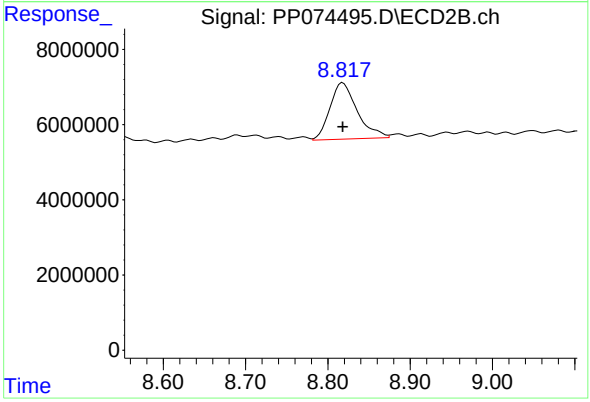

#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 19122429
Conc: 3.95 ng/ml



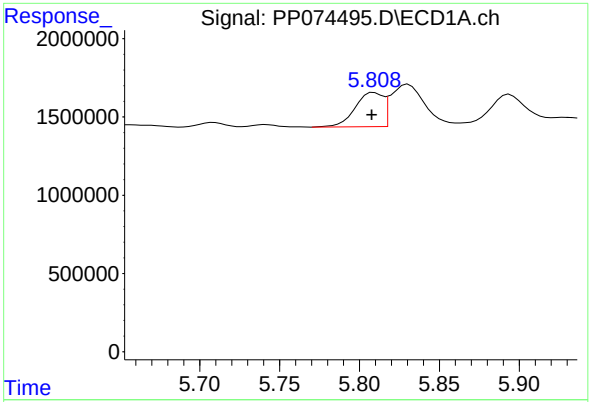

#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 5509179
Conc: 5.58 ng/ml




#2 Decachlorobiphenyl

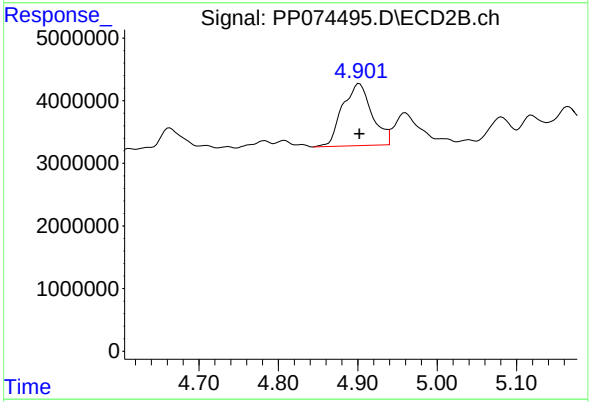
R.T.: 8.818 min
Delta R.T.: 0.000 min
Response: 34572334
Conc: 4.61 ng/ml




#3 AR-1016-1

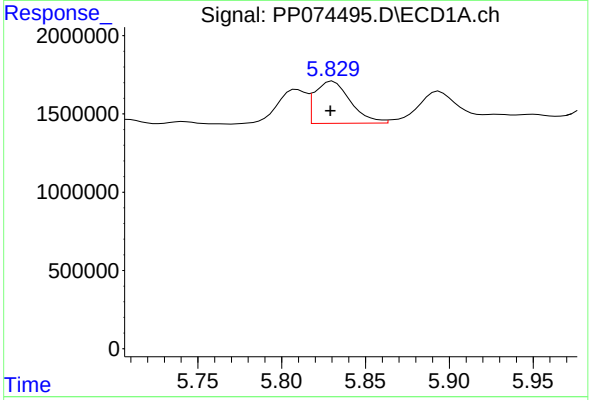
R.T.: 5.809 min
Delta R.T.: 0.001 min
Response: 2665466
Conc: 60.82 ng/ml

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



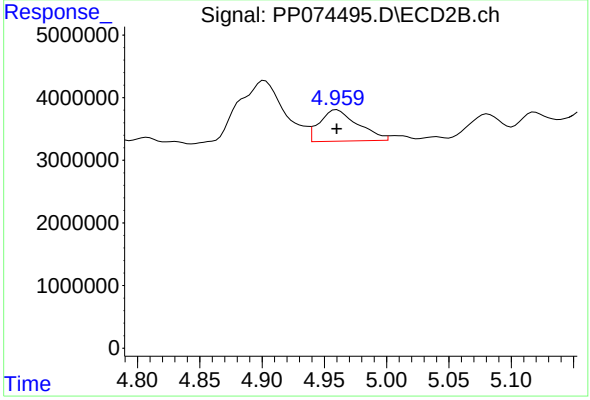

#3 AR-1016-1

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 25477095
Conc: 50.02 ng/ml



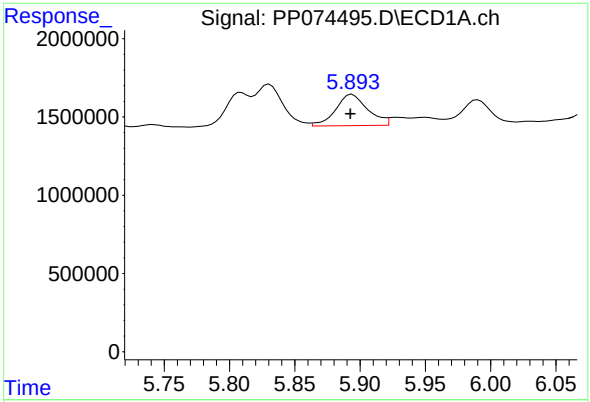

#4 AR-1016-2

R.T.: 5.831 min
Delta R.T.: 0.001 min
Response: 4003808
Conc: 63.37 ng/ml




#4 AR-1016-2

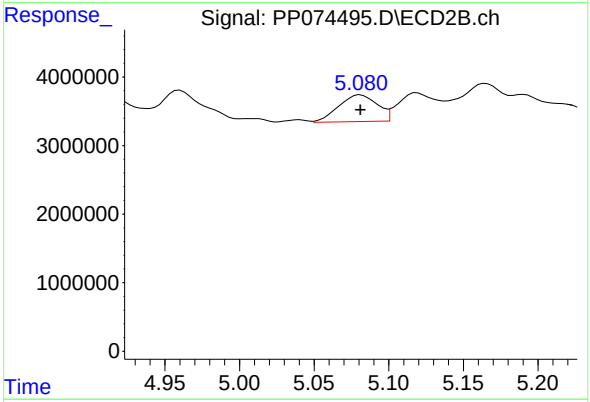
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 10729046
Conc: 45.08 ng/ml




#5 AR-1016-3

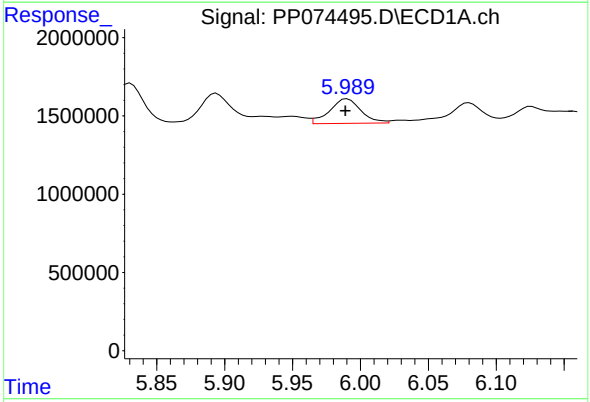
R.T.: 5.894 min
Delta R.T.: 0.001 min
Response: 3406314
Conc: 75.22 ng/ml

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



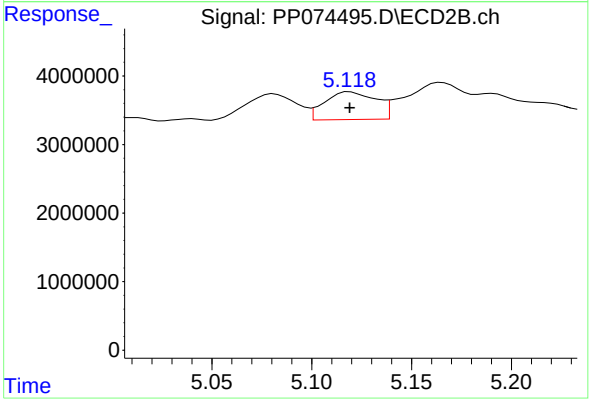

#5 AR-1016-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 7029920
Conc: 50.98 ng/ml



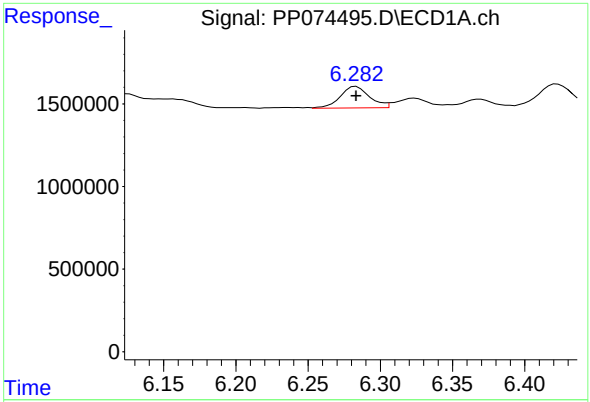

#6 AR-1016-4

R.T.: 5.990 min
Delta R.T.: 0.001 min
Response: 2521976
Conc: 70.63 ng/ml




#6 AR-1016-4

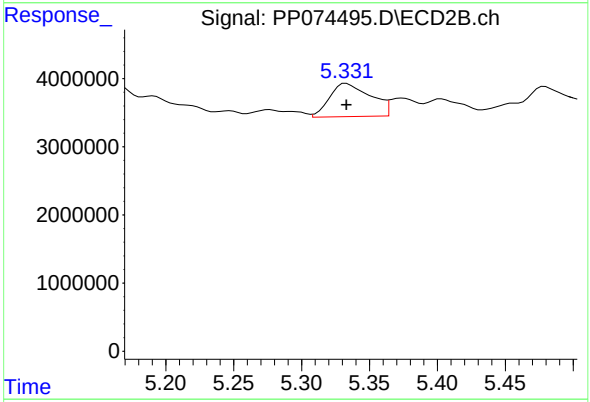
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 7240890
Conc: 51.79 ng/ml




#7 AR-1016-5

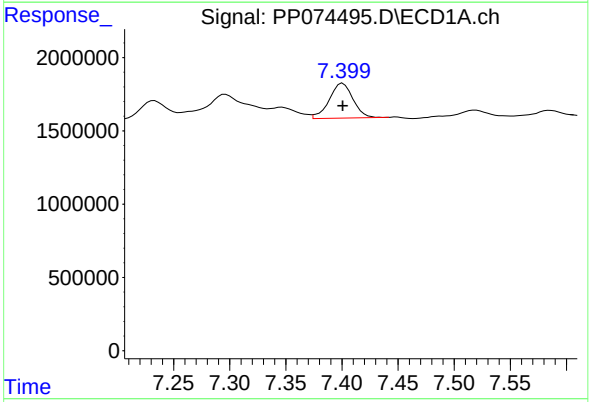
R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 1827989
Conc: 55.08 ng/ml

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



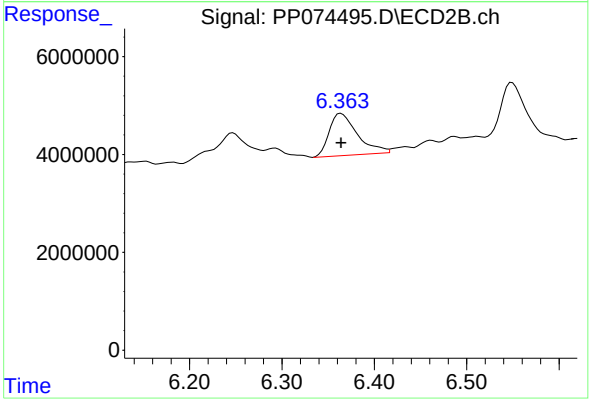

#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: 0.000 min
Response: 10255452
Conc: 61.75 ng/ml



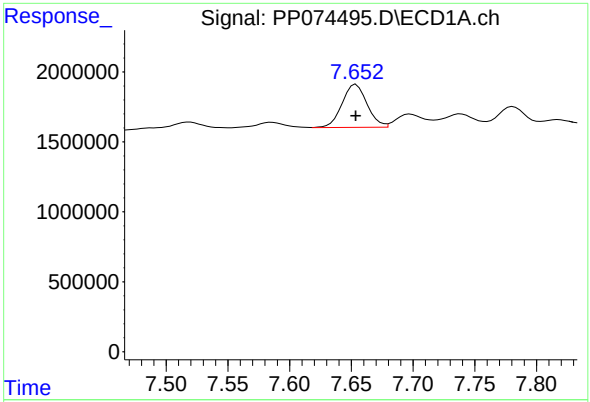

#31 AR-1260-1

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 3621398
Conc: 62.64 ng/ml




#31 AR-1260-1

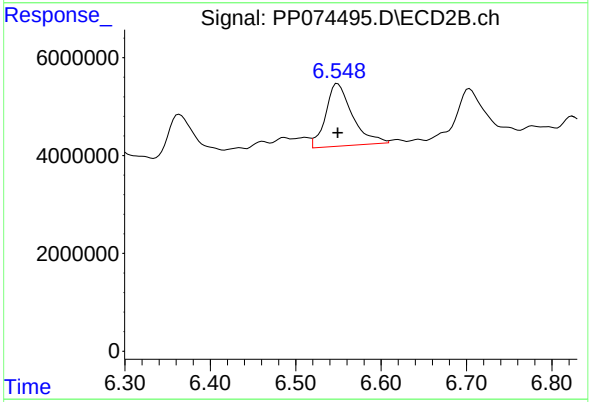
R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 18274802
Conc: 48.70 ng/ml




#32 AR-1260-2

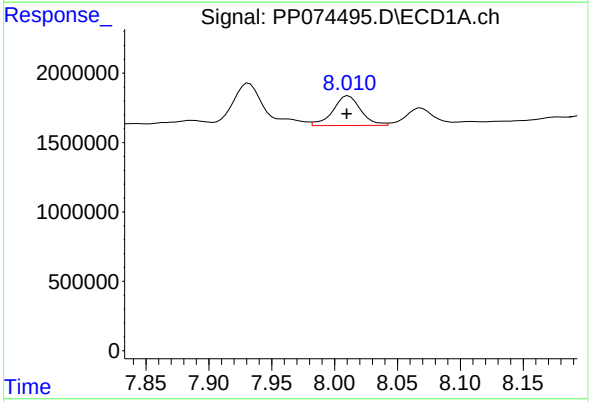
R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 4330850
Conc: 62.84 ng/ml

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



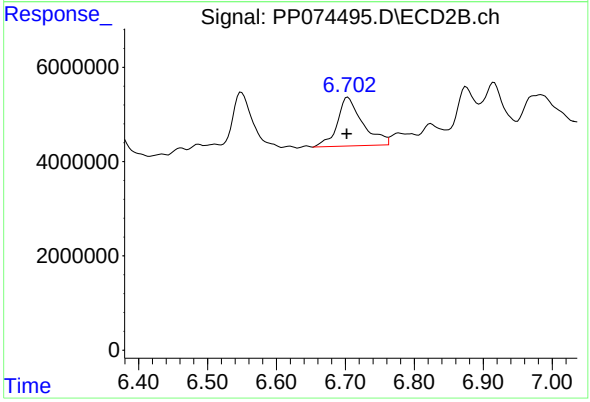

#32 AR-1260-2

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 27742209
Conc: 52.46 ng/ml



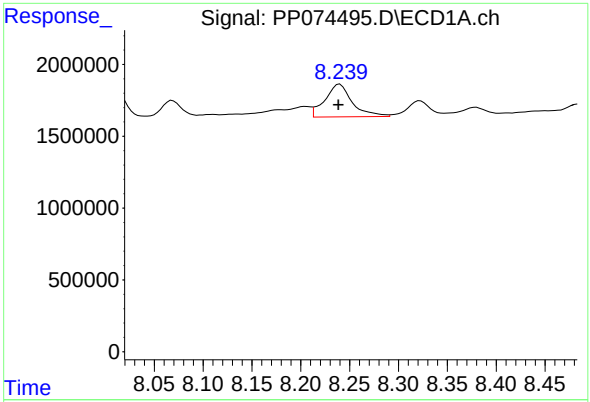

#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: 0.001 min
Response: 3312808
Conc: 64.37 ng/ml




#33 AR-1260-3

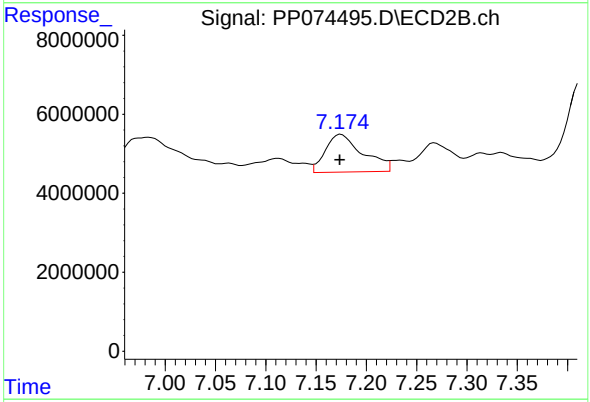
R.T.: 6.704 min
Delta R.T.: 0.001 min
Response: 26298630
Conc: 65.94 ng/ml




#34 AR-1260-4

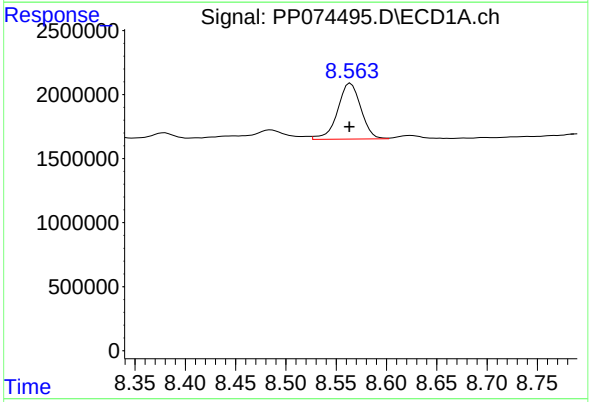
R.T.: 8.240 min
Delta R.T.: 0.001 min
Response: 4425970
Conc: 69.81 ng/ml

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



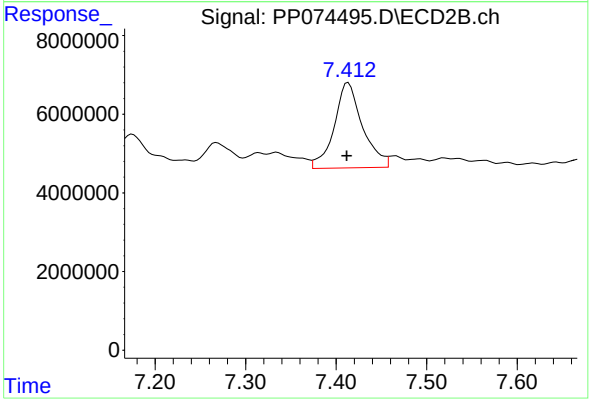

#34 AR-1260-4

R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: 24770745
Conc: 64.58 ng/ml




#35 AR-1260-5

R.T.: 8.564 min
Delta R.T.: 0.001 min
Response: 6997672
Conc: 62.47 ng/ml




#35 AR-1260-5

R.T.: 7.413 min
Delta R.T.: 0.001 min
Response: 47160390
Conc: 47.81 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:12:32 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... | 4.655 | 3.799 | 58746394 | 255.4E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.434 | 8.815 | 49336755 | 375.4E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 11) | L3 AR-1232-1 | 5.016 | 4.172 | 15186953 | 64047715 | 500.000 | 500.000 |
| 12) | L3 AR-1232-2 | 5.542 | 4.899 | 7879113 | 115.9E6 | 500.000 | 500.000 |
| 13) | L3 AR-1232-3 | 5.828 | 5.076 | 15271847 | 30029881 | 500.000 | 500.000 |
| 14) | L3 AR-1232-4 | 5.988 | 5.159 | 8634636 | 52735846 | 500.000 | 723.830 # |
| 15) | L3 AR-1232-5 | 6.077 | 5.332 | 6490477 | 31041901 | 500.000 | 500.000 |

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

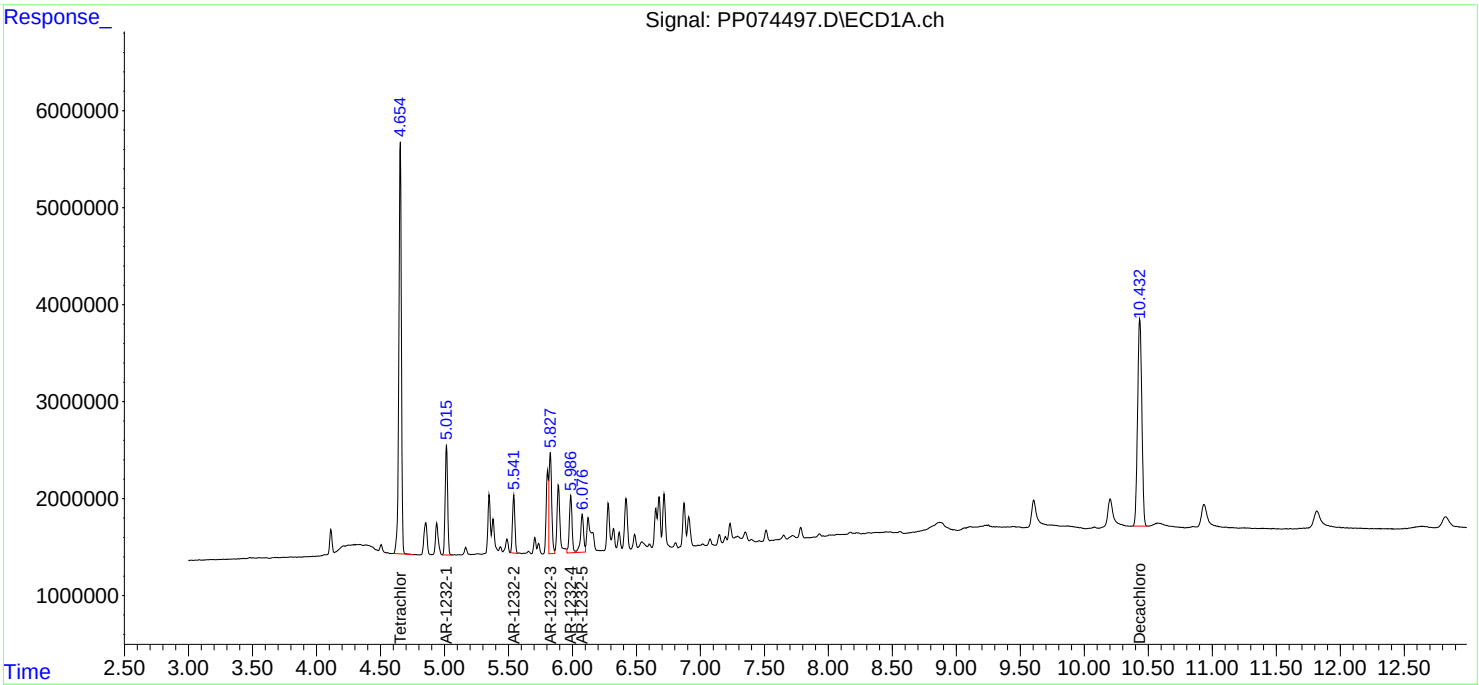
Quantitation Report (Not Reviewed)

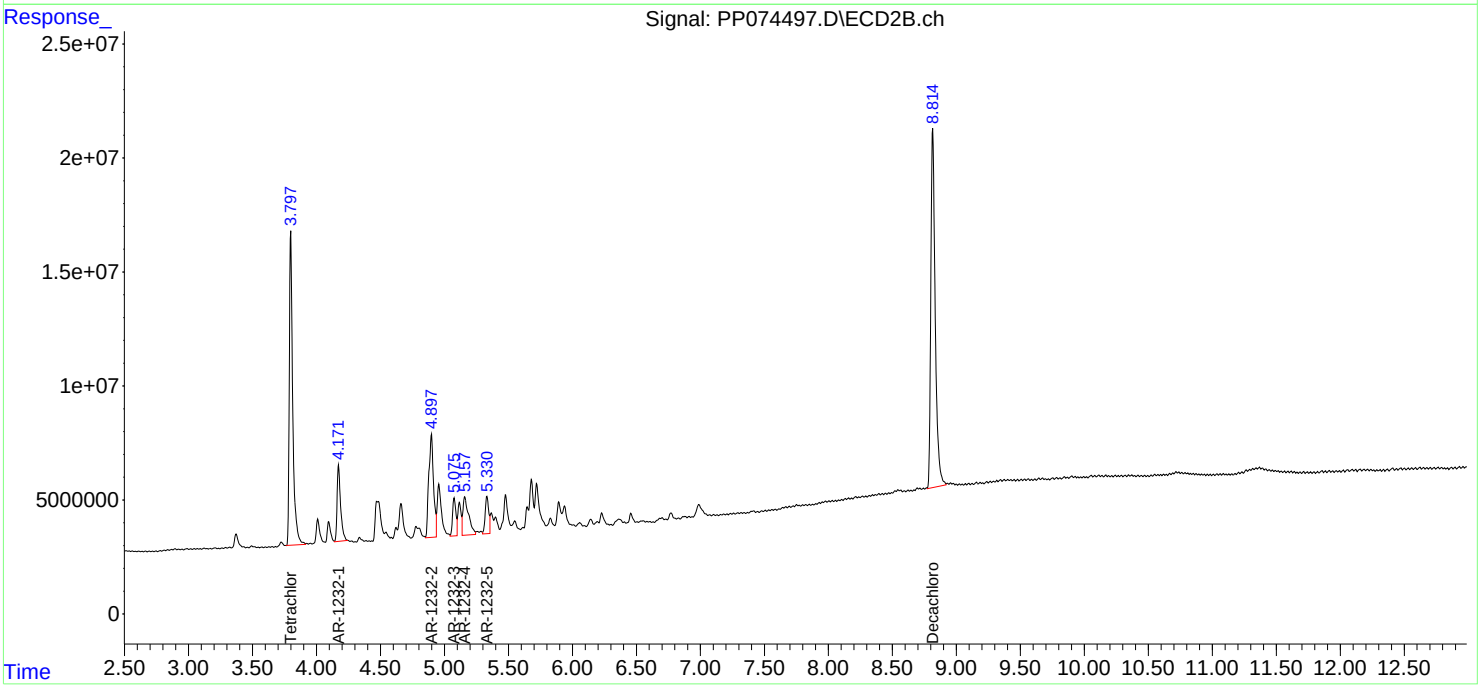
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

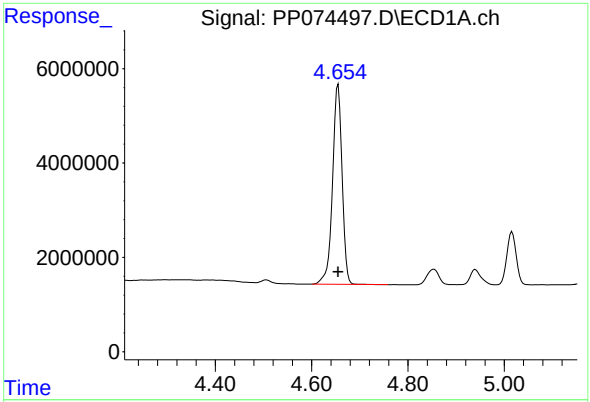
**Instrument :**
ECD_P
**ClientSampleId :**
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:12:32 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



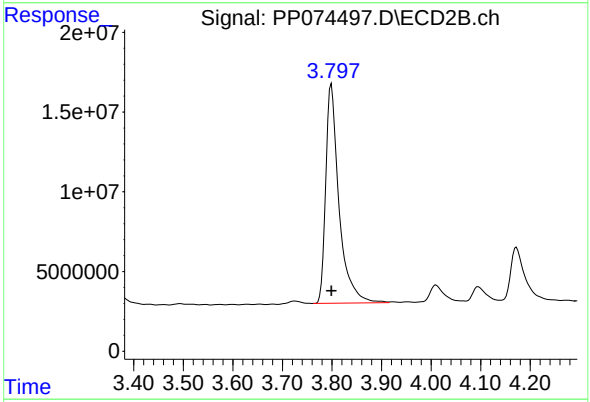






#1 Tetrachloro-m-xylene

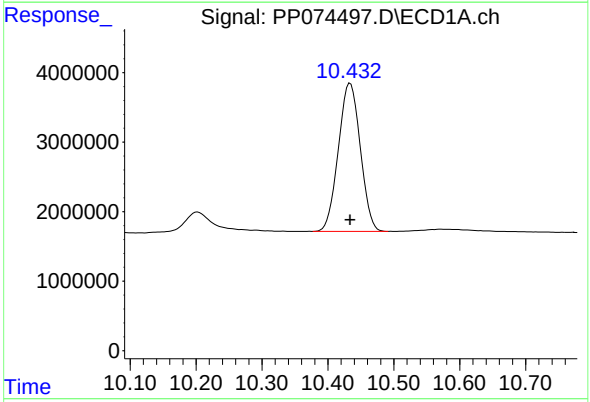
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 58746394
Conc: 50.00 ng/ml

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



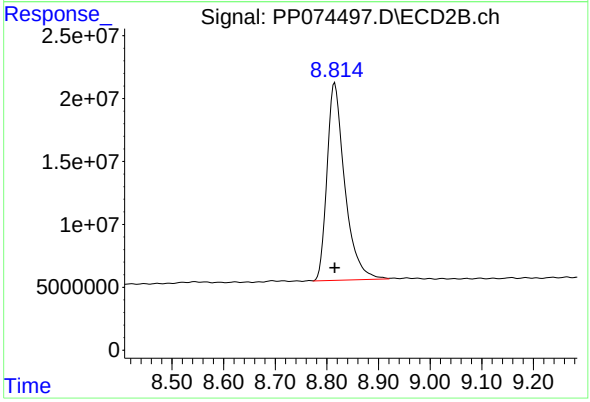

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 255428387
Conc: 50.00 ng/ml



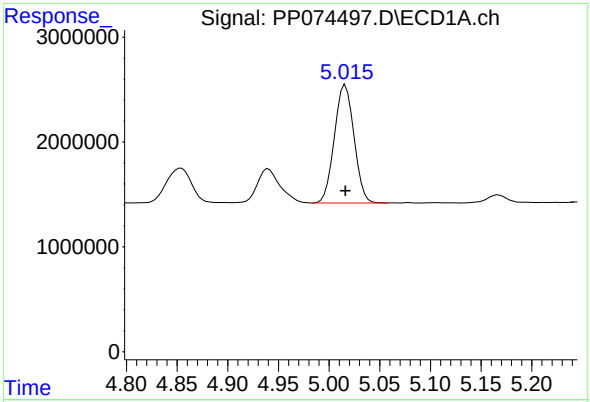

#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 49336755
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

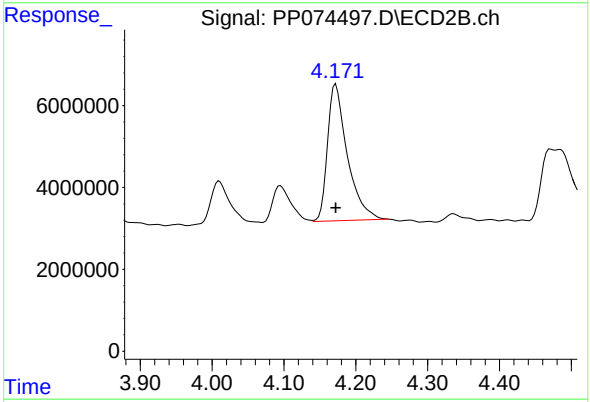
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 375424839
Conc: 50.00 ng/ml




#11 AR-1232-1

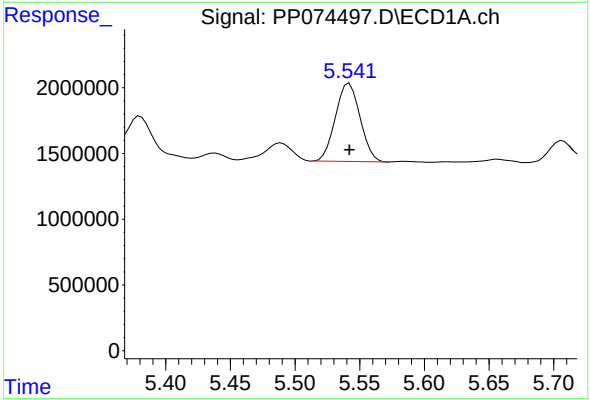
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 15186953
Conc: 500.00 ng/ml

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



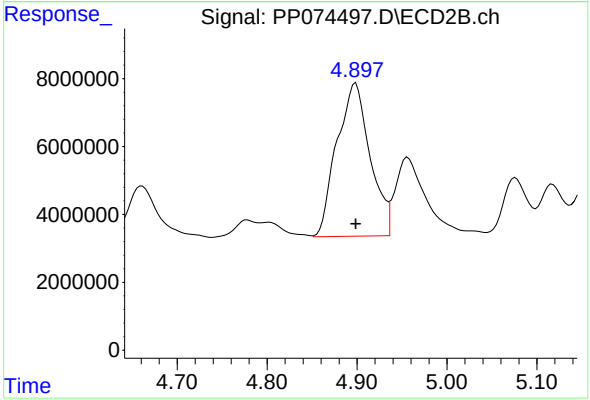

#11 AR-1232-1

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 64047715
Conc: 500.00 ng/ml



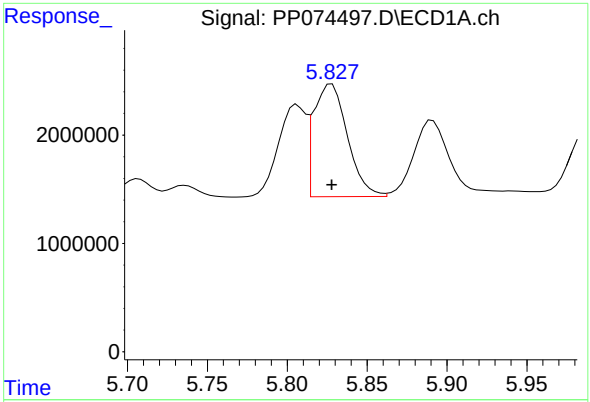

#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 7879113
Conc: 500.00 ng/ml




#12 AR-1232-2

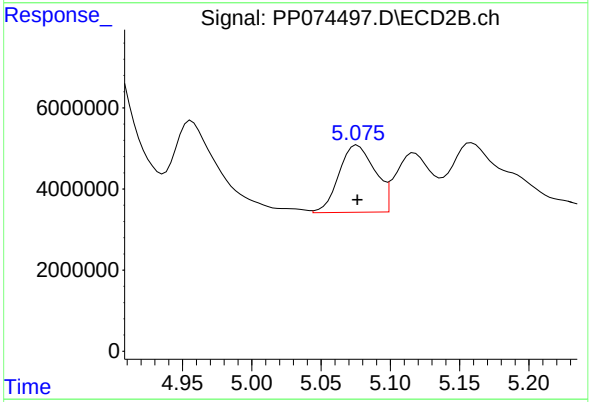
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 115896682
Conc: 500.00 ng/ml




#13 AR-1232-3

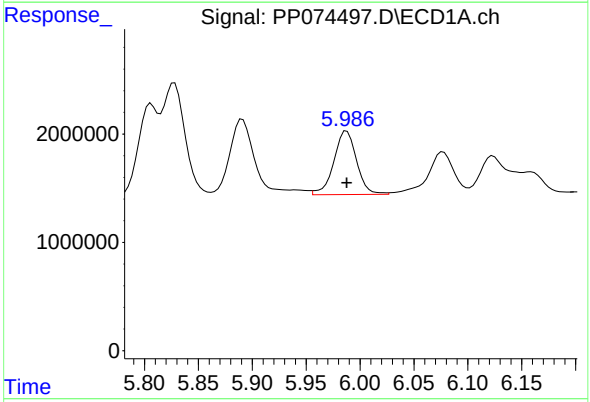
R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 15271847
Conc: 500.00 ng/ml

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



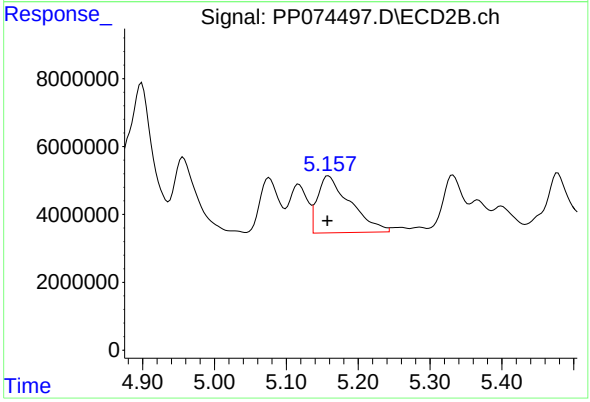

#13 AR-1232-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 30029881
Conc: 500.00 ng/ml



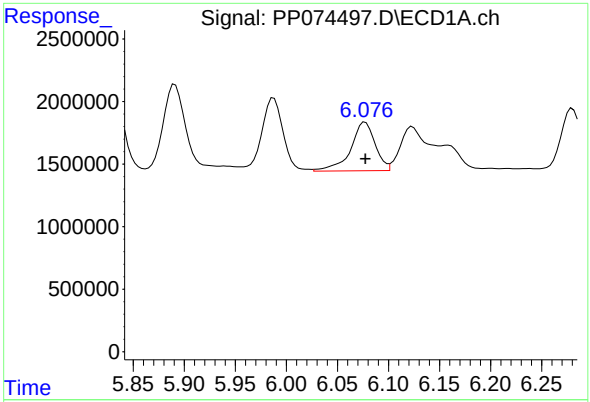

#14 AR-1232-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 8634636
Conc: 500.00 ng/ml




#14 AR-1232-4

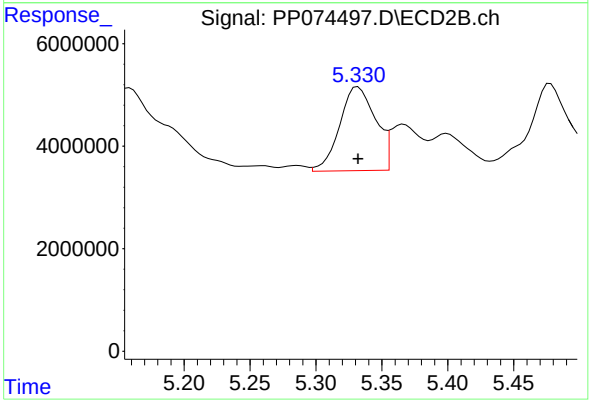
R.T.: 5.159 min
Delta R.T.: 0.002 min
Response: 52735846
Conc: 723.83 ng/ml




#15 AR-1232-5

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 6490477
Conc: 500.00 ng/ml

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




#15 AR-1232-5

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 31041901
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:55
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:23:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.655 | 3.799 | 110.2E6 | 555.2E6 | 94.277 | 102.648 |
| 2) | SA Decachlor... | 10.434 | 8.816 | 94257109 | 743.9E6 | 92.733 | 97.953 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.807 | 4.900 | 33534775 | 426.2E6 | 928.998 | 984.768 |
| 17) | L4 AR-1242-2 | 5.828 | 4.957 | 50582395 | 203.0E6 | 932.415 | 985.806 |
| 18) | L4 AR-1242-3 | 5.892 | 5.076 | 33349694 | 114.7E6 | 909.705 | 983.673 |
| 19) | L4 AR-1242-4 | 5.989 | 5.159 | 27192200 | 209.7E6 | 920.414 | 1264.573 # |
| 20) | L4 AR-1242-5 | 6.718 | 5.681 | 29731727 | 176.2E6 | 923.938 | 949.598 |

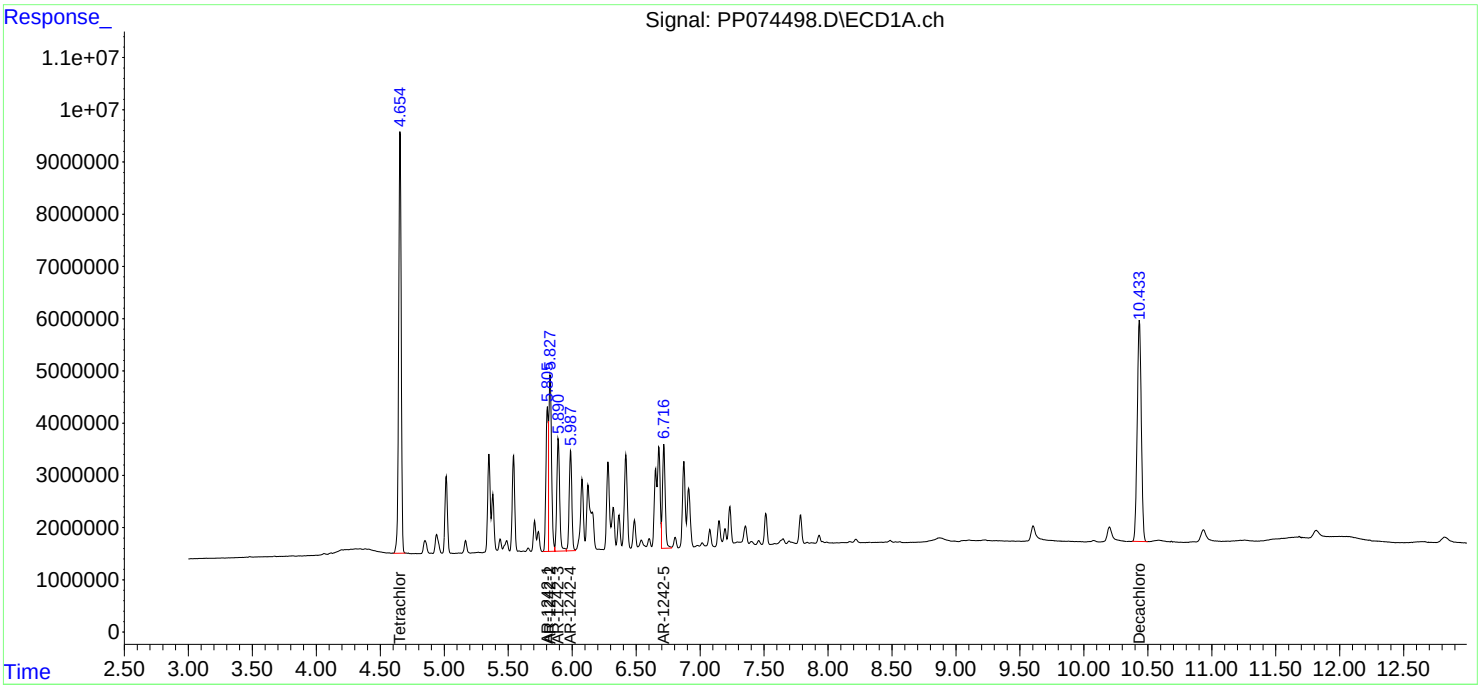
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

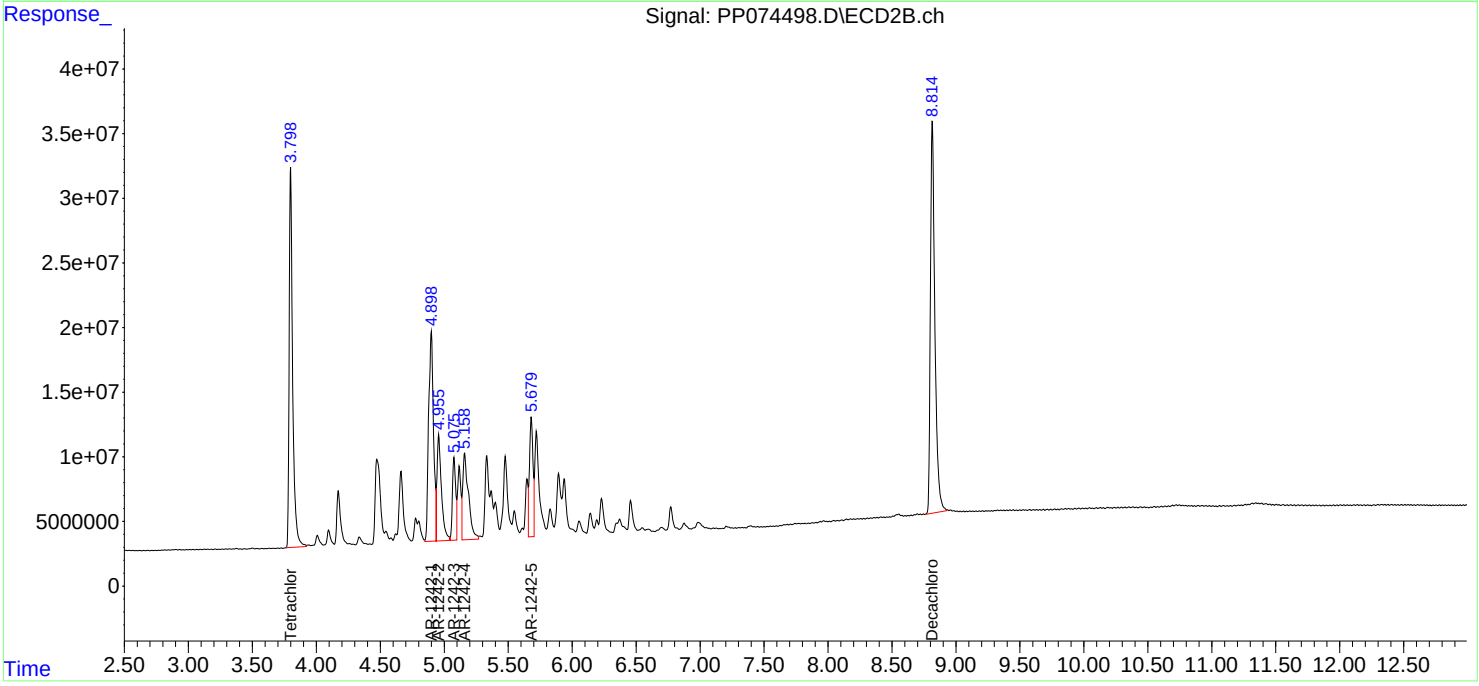
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:55
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

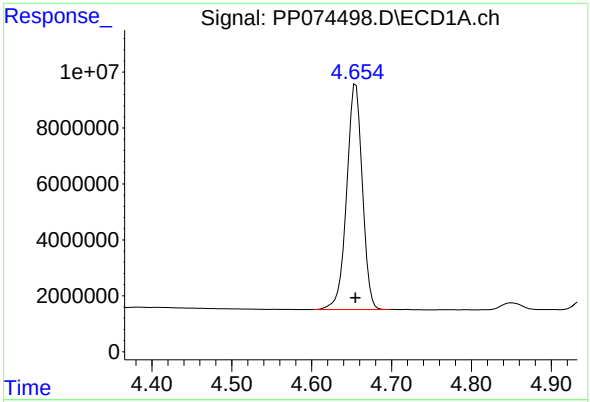
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:23:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 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



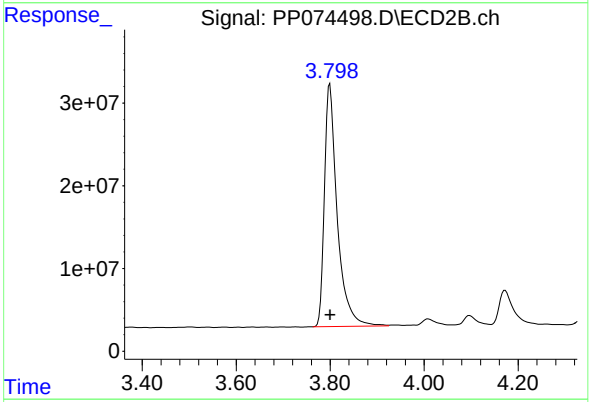






#1 Tetrachloro-m-xylene

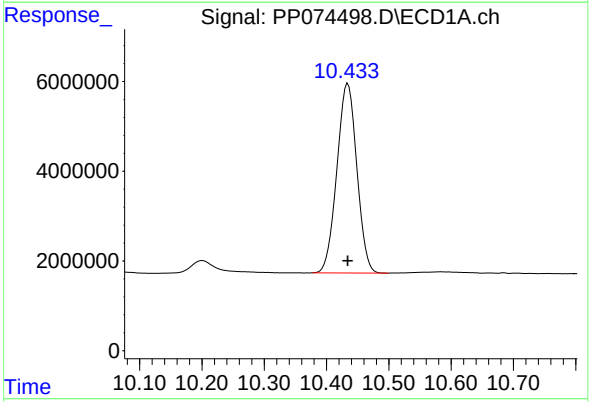
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 110162396
Conc: 94.28 ng/ml

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



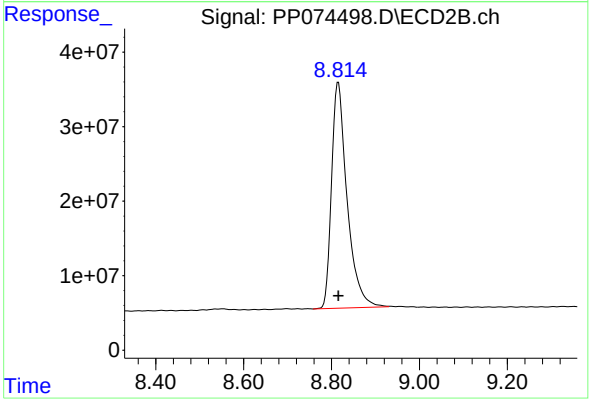

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 555225547
Conc: 102.65 ng/ml



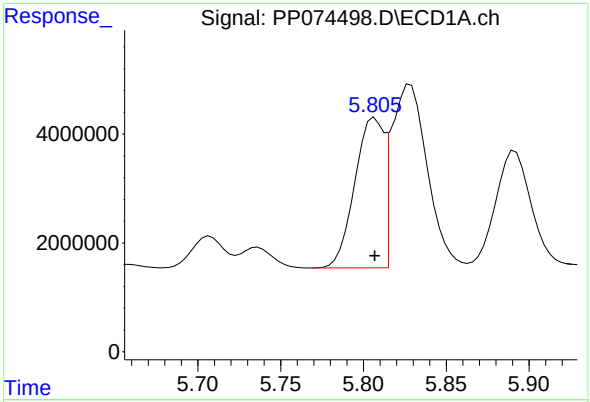

#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 94257109
Conc: 92.73 ng/ml




#2 Decachlorobiphenyl

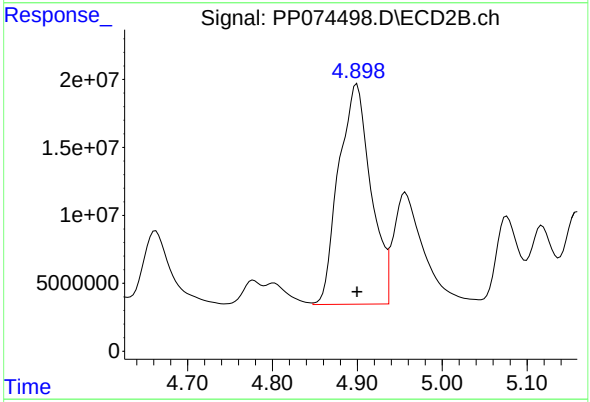
R.T.: 8.816 min
Delta R.T.: 0.000 min
Response: 743948581
Conc: 97.95 ng/ml




#16 AR-1242-1

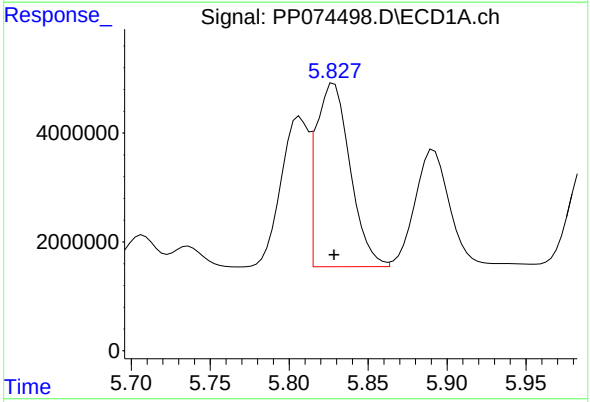
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 33534775
Conc: 929.00 ng/ml

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



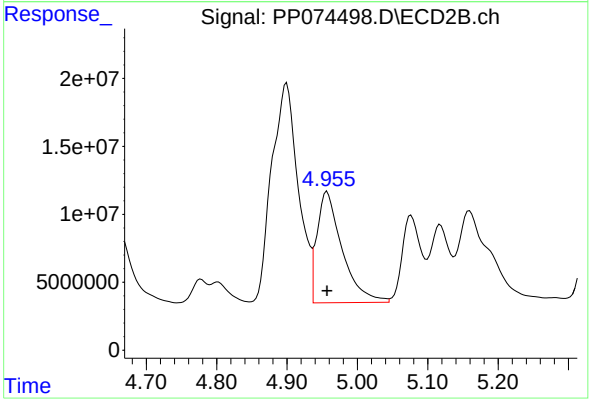

#16 AR-1242-1

R.T.: 4.900 min
Delta R.T.: 0.000 min
Response: 426248141
Conc: 984.77 ng/ml



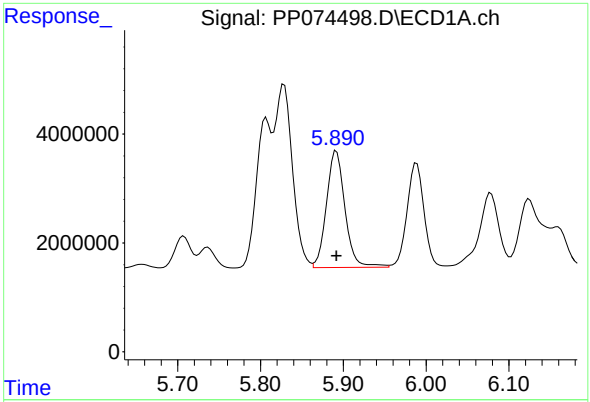

#17 AR-1242-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 50582395
Conc: 932.41 ng/ml




#17 AR-1242-2

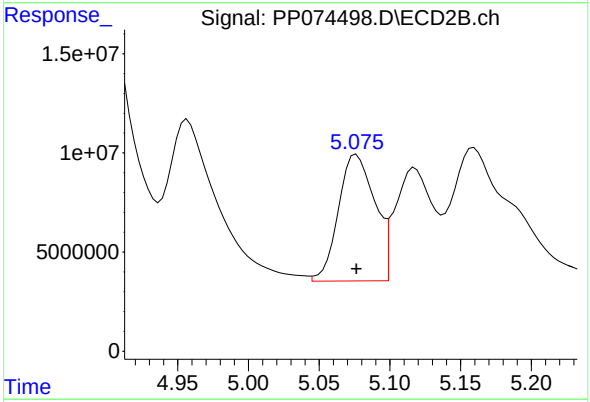
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 202991737
Conc: 985.81 ng/ml




#18 AR-1242-3

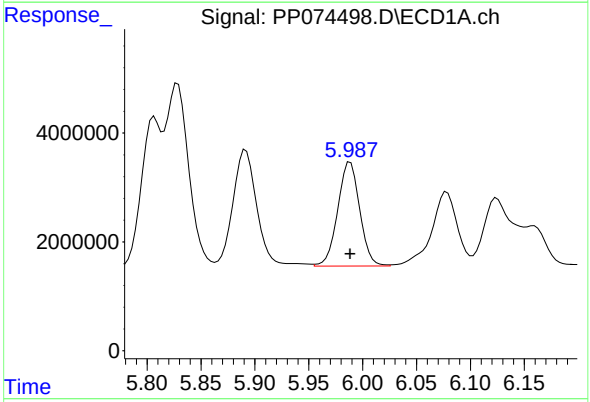
R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 33349694
Conc: 909.71 ng/ml

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



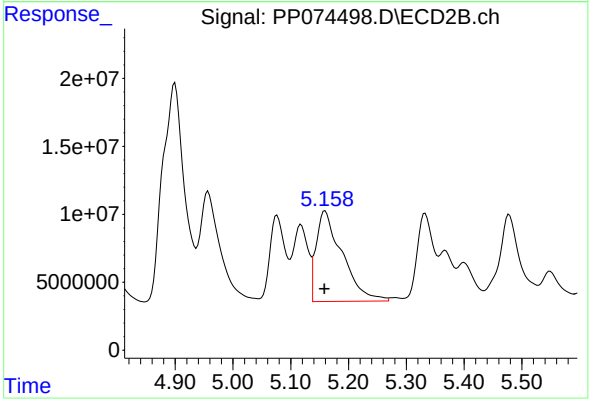

#18 AR-1242-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 114667914
Conc: 983.67 ng/ml



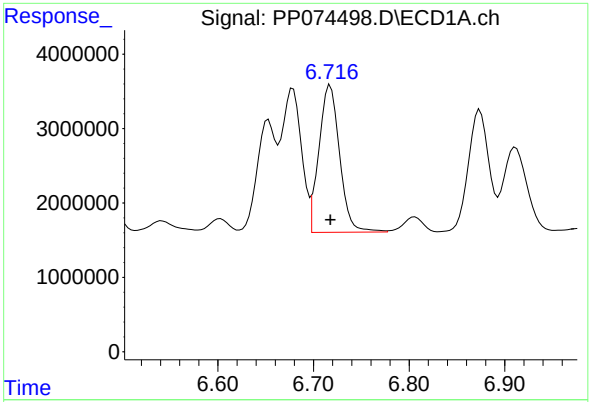

#19 AR-1242-4

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 27192200
Conc: 920.41 ng/ml




#19 AR-1242-4

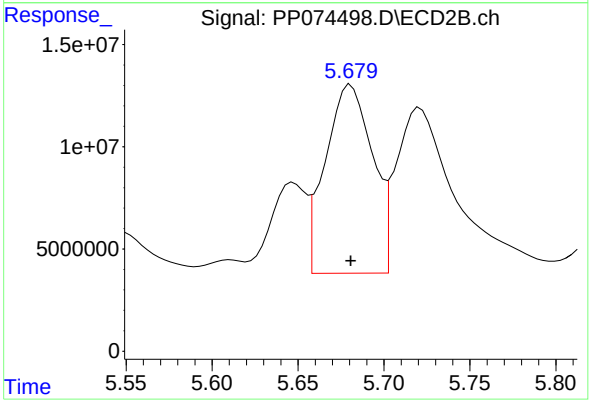
R.T.: 5.159 min
Delta R.T.: 0.001 min
Response: 209691690
Conc: 1264.57 ng/ml




#20 AR-1242-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 29731727
Conc: 923.94 ng/ml

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




#20 AR-1242-5

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 176244820
Conc: 949.60 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:12
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:26:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.658 | 3.802 | 86349070 | 412.2E6 | 74.262 | 75.797 |
| 2) | SA Decachlor... | 10.437 | 8.817 | 74892062 | 573.5E6 | 74.115 | 75.344 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.809 | 4.901 | 26397194 | 324.0E6 | 737.408 | 749.001 |
| 17) | L4 AR-1242-2 | 5.831 | 4.960 | 39340318 | 155.5E6 | 733.271 | 753.574 |
| 18) | L4 AR-1242-3 | 5.894 | 5.078 | 26560976 | 89250623 | 732.822 | 760.349 |
| 19) | L4 AR-1242-4 | 5.991 | 5.163 | 21474232 | 165.4E6 | 734.419 | 1025.857 # |
| 20) | L4 AR-1242-5 | 6.720 | 5.682 | 23050385 | 144.9E6 | 727.198 | 770.068 |

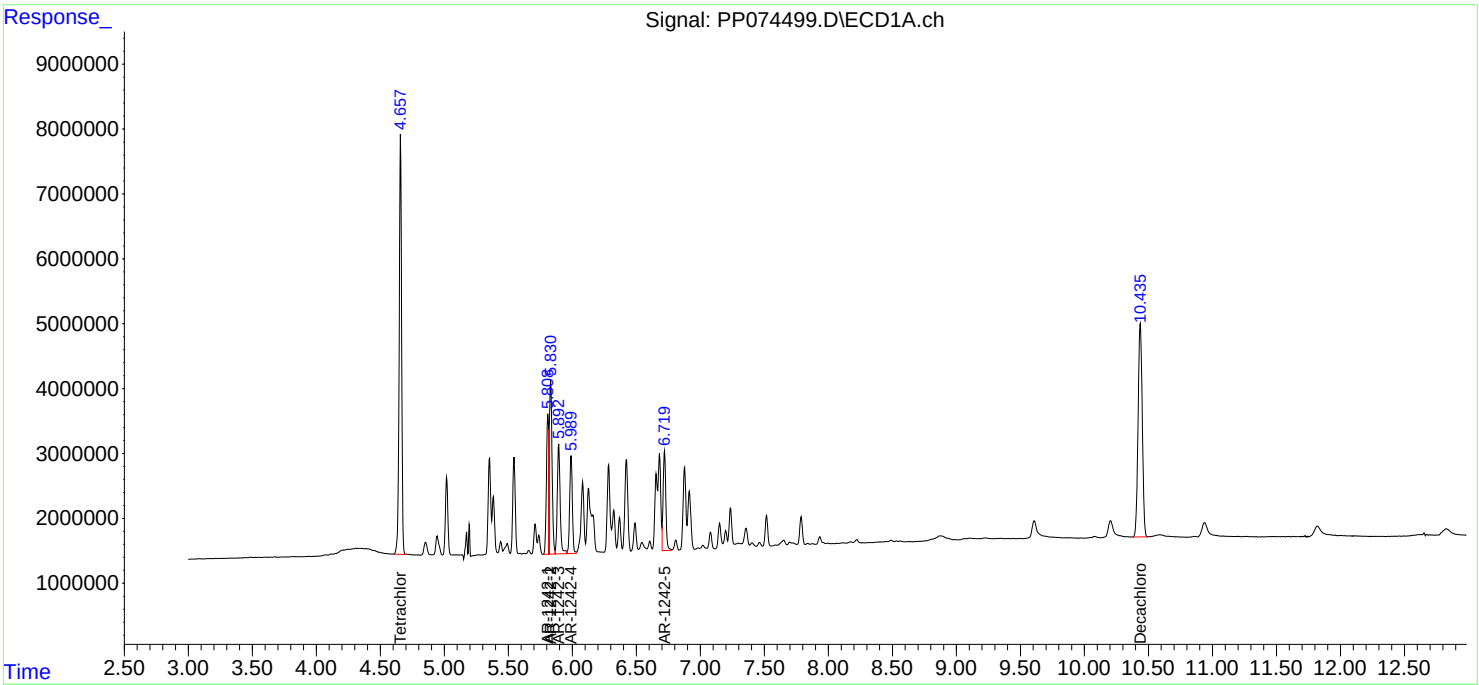
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

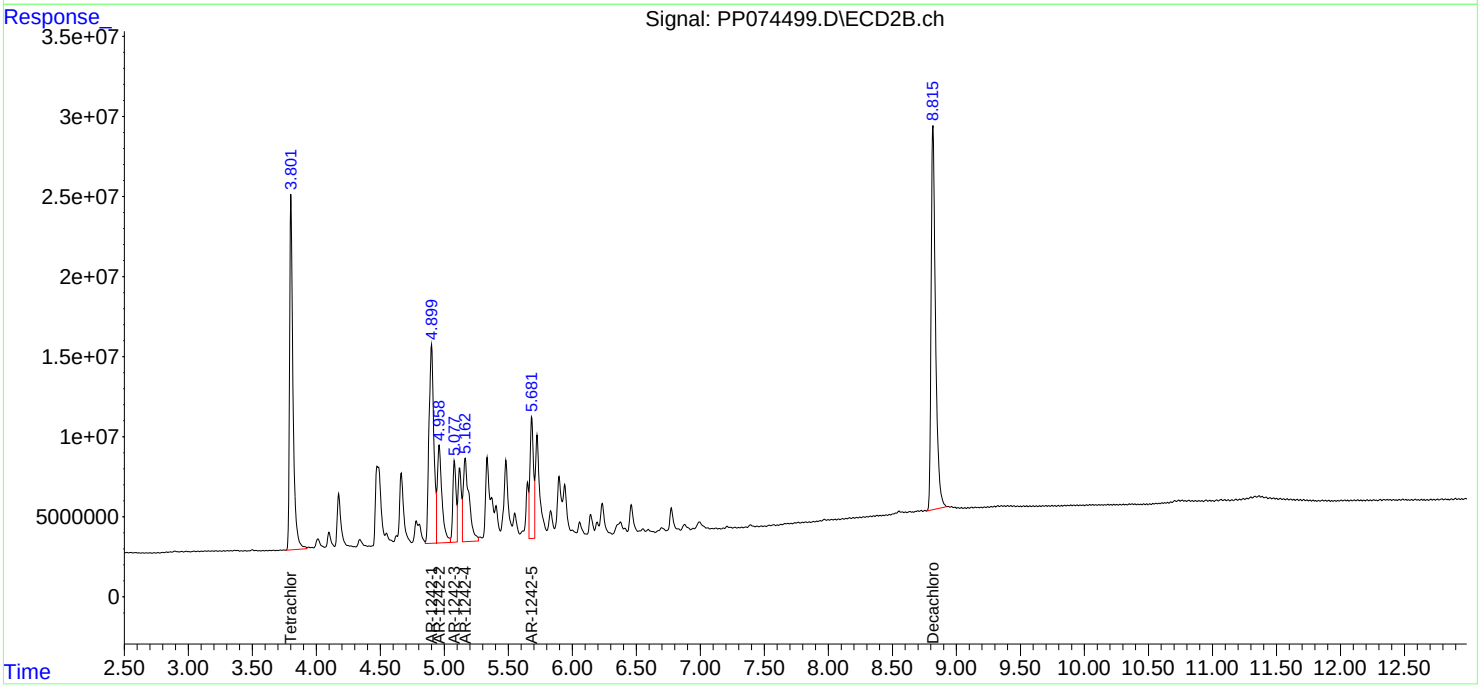
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:12
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

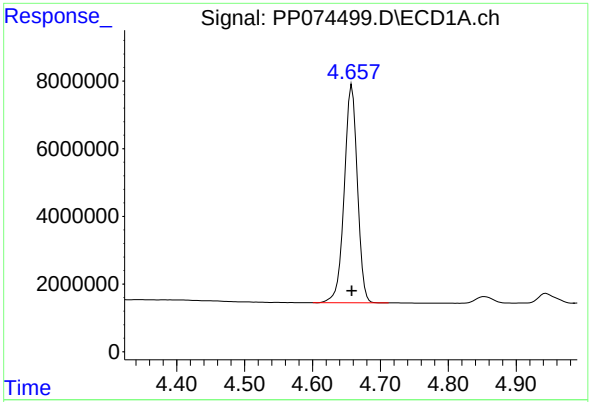
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:26:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 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



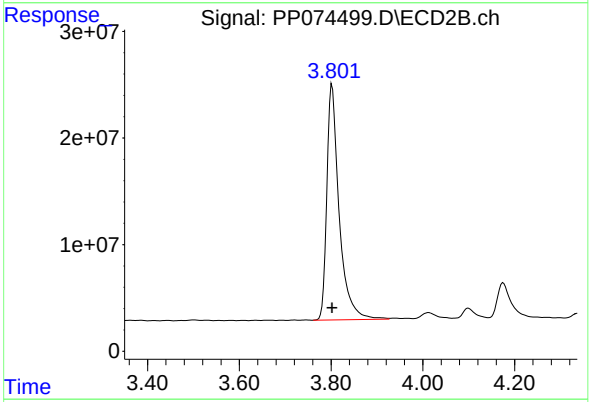






#1 Tetrachloro-m-xylene

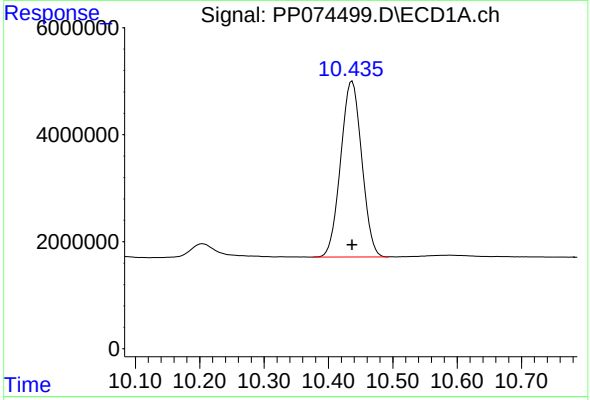
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 86349070
Conc: 74.26 ng/ml

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



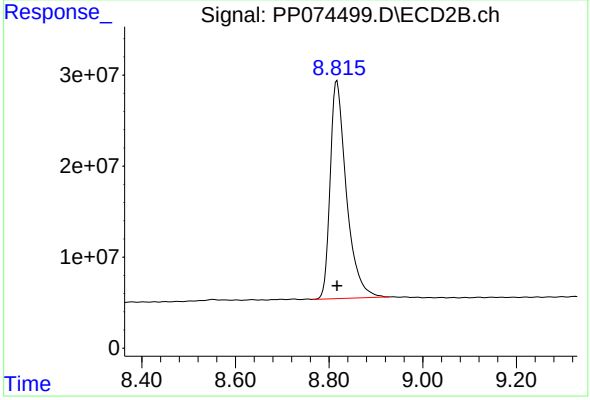

#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 412174509
Conc: 75.80 ng/ml



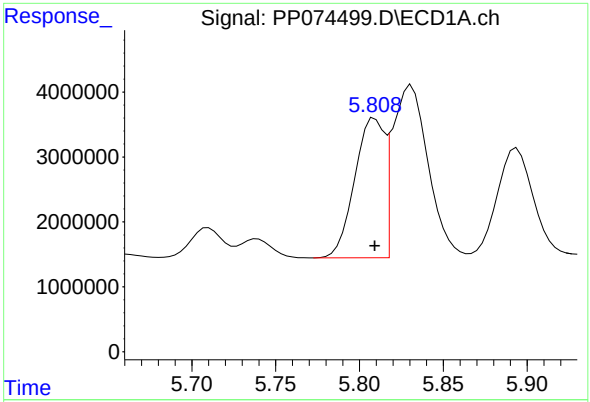

#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 74892062
Conc: 74.12 ng/ml




#2 Decachlorobiphenyl

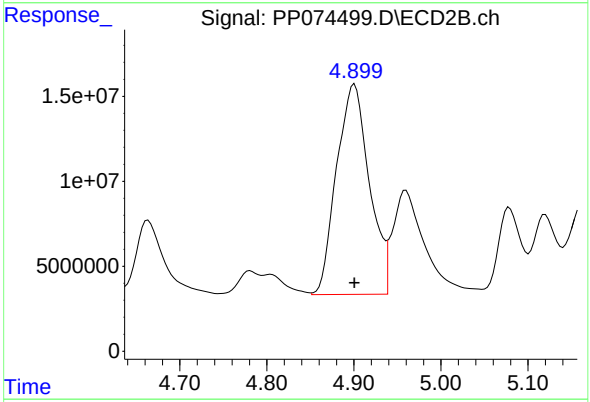
R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 573549063
Conc: 75.34 ng/ml




#16 AR-1242-1

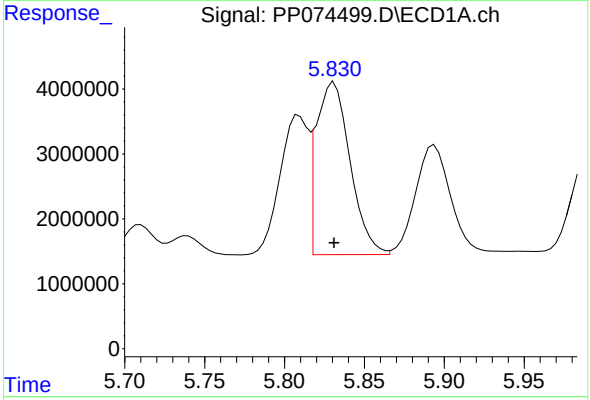
R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 26397194
Conc: 737.41 ng/ml

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



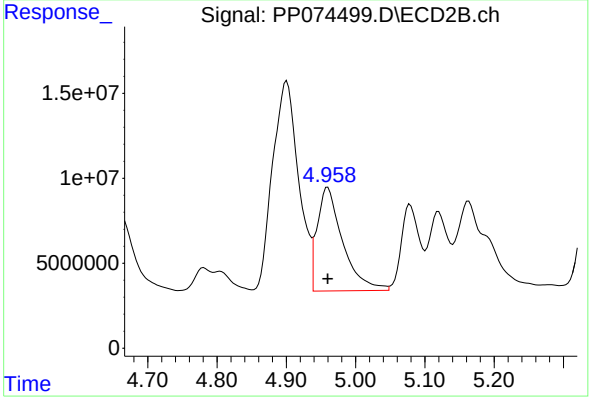

#16 AR-1242-1

R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 323982884
Conc: 749.00 ng/ml



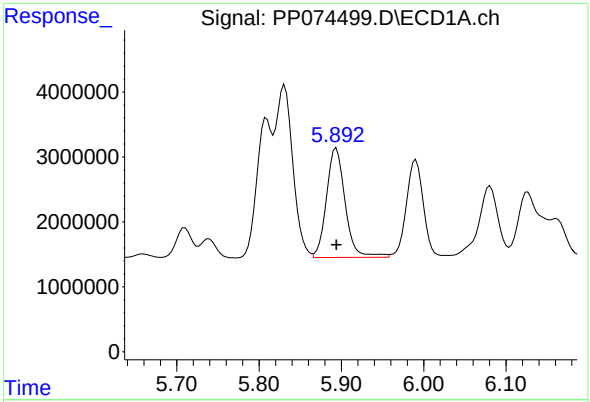

#17 AR-1242-2

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 39340318
Conc: 733.27 ng/ml




#17 AR-1242-2

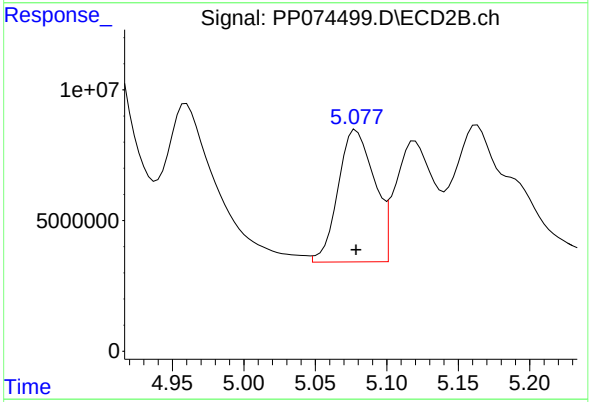
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 155542353
Conc: 753.57 ng/ml




#18 AR-1242-3

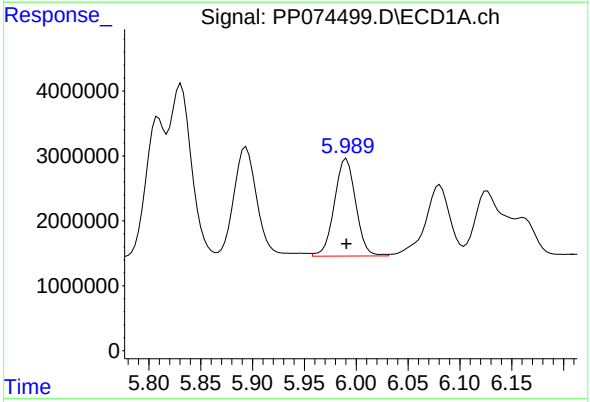
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 26560976
Conc: 732.82 ng/ml

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



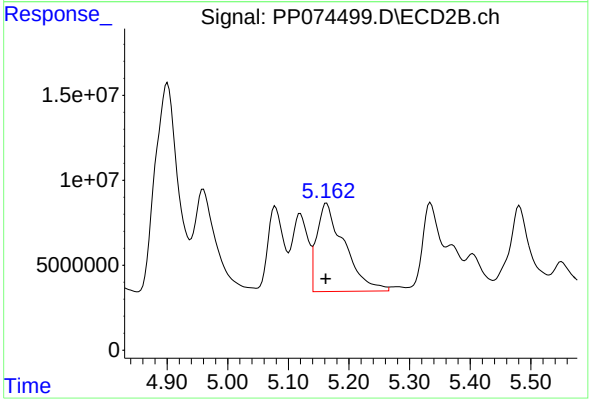

#18 AR-1242-3

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 89250623
Conc: 760.35 ng/ml



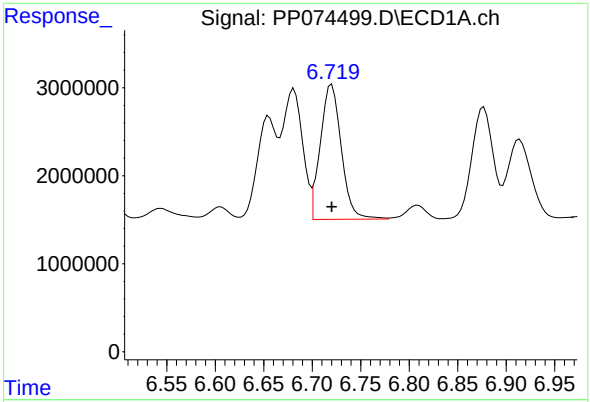

#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 21474232
Conc: 734.42 ng/ml




#19 AR-1242-4

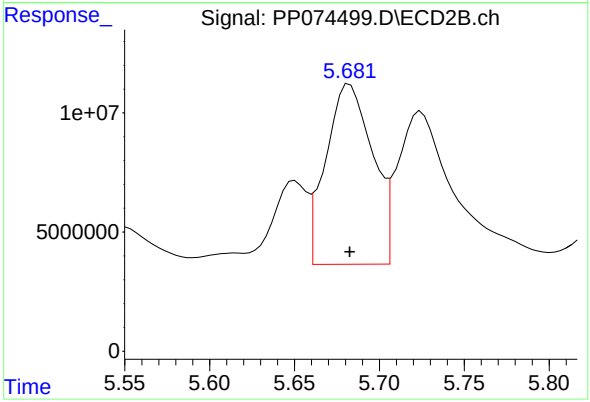
R.T.: 5.163 min
Delta R.T.: 0.001 min
Response: 165374750
Conc: 1025.86 ng/ml




#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 23050385
Conc: 727.20 ng/ml

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




#20 AR-1242-5

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 144862190
Conc: 770.07 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:28
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.655 | 3.799 | 61768053 | 263.3E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.434 | 8.814 | 54515432 | 387.5E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.807 | 4.898 | 19330395 | 219.7E6 | 500.000 | 500.000 |
| 17) | L4 AR-1242-2 | 5.828 | 4.957 | 28957608 | 104.4E6 | 500.000 | 500.000 |
| 18) | L4 AR-1242-3 | 5.891 | 5.076 | 19985033 | 59237210 | 500.000 | 500.000 |
| 19) | L4 AR-1242-4 | 5.988 | 5.160 | 15947348 | 110.7E6 | 500.000 | 643.469 # |
| 20) | L4 AR-1242-5 | 6.717 | 5.679 | 17313490 | 97476940 | 500.000 | 500.000 |

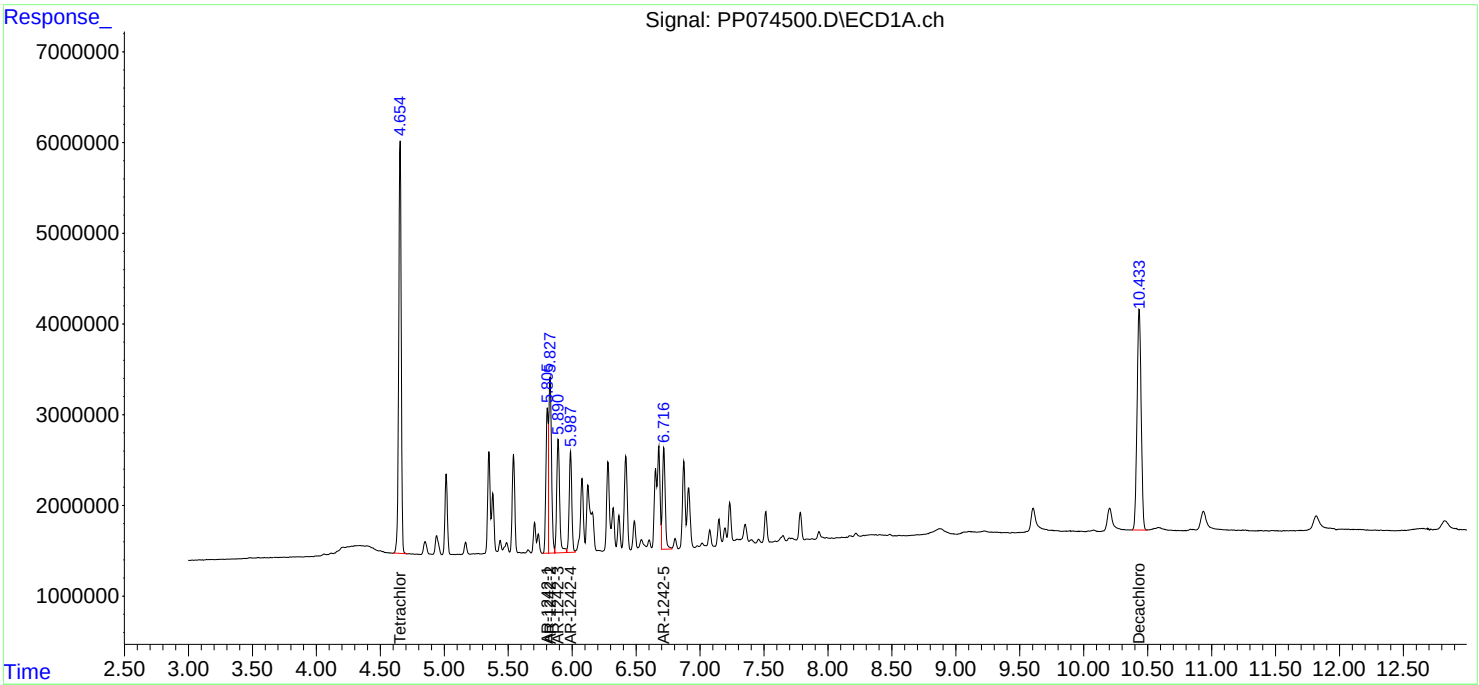
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

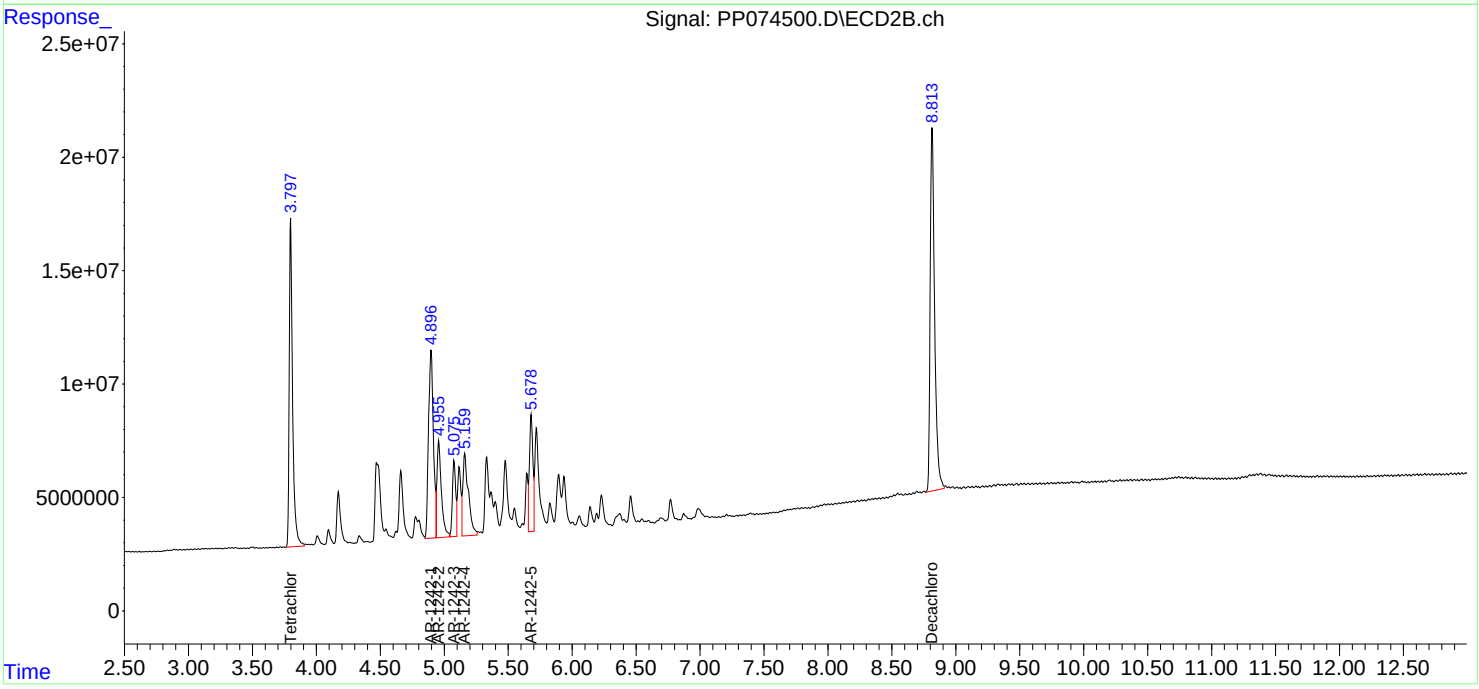
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:28
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

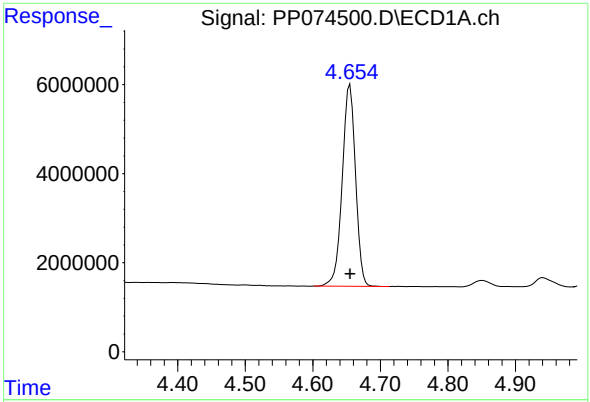
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 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



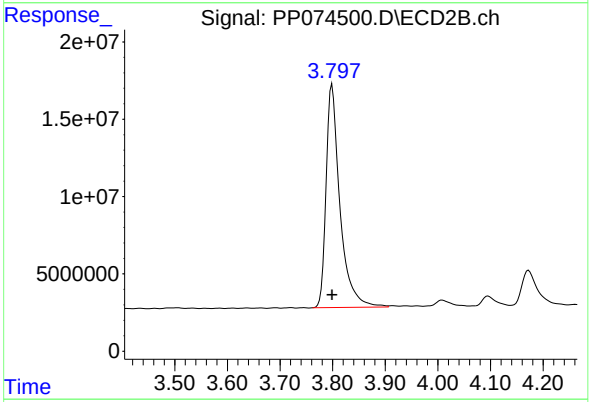






#1 Tetrachloro-m-xylene

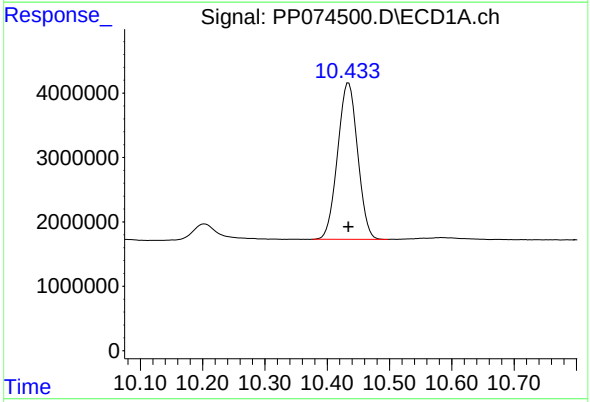
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 61768053
Conc: 50.00 ng/ml

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



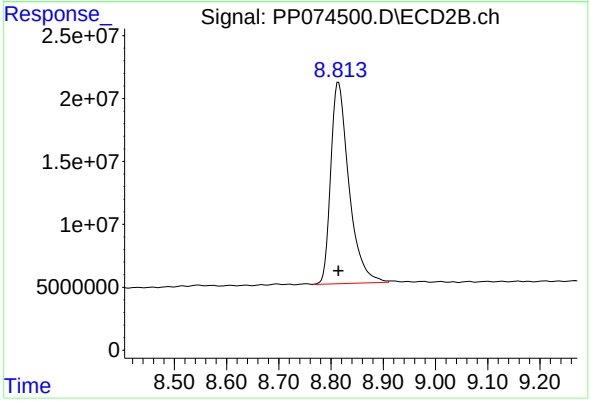

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 263289751
Conc: 50.00 ng/ml



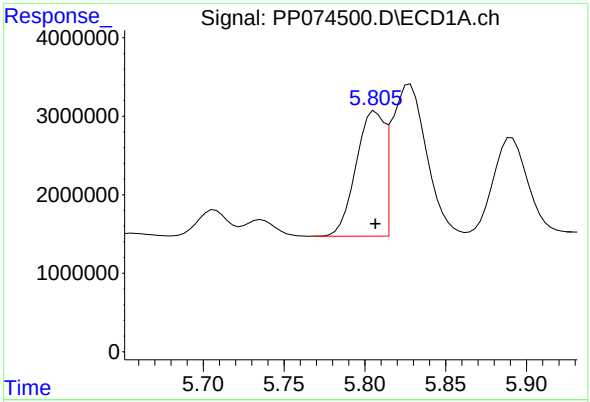

#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 54515432
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

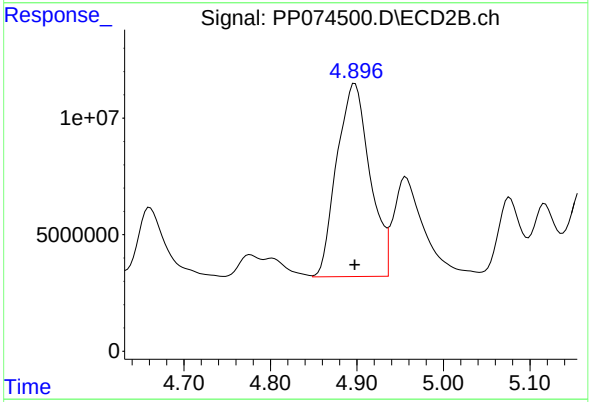
R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 387519048
Conc: 50.00 ng/ml




#16 AR-1242-1

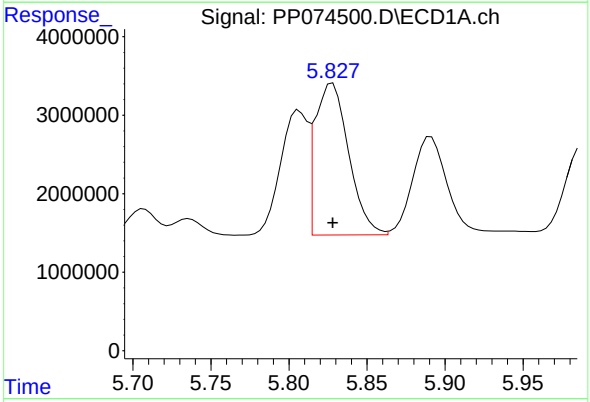
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 19330395
Conc: 500.00 ng/ml

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



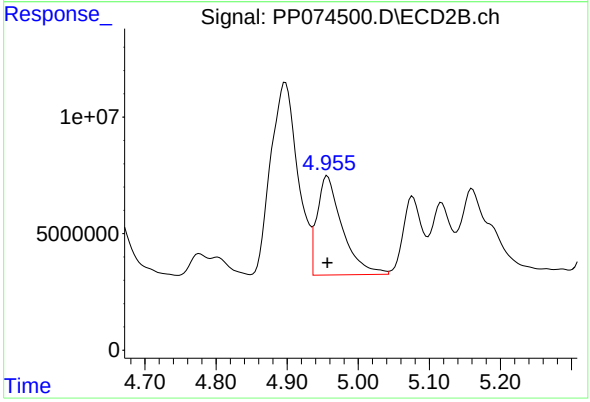

#16 AR-1242-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 219717044
Conc: 500.00 ng/ml



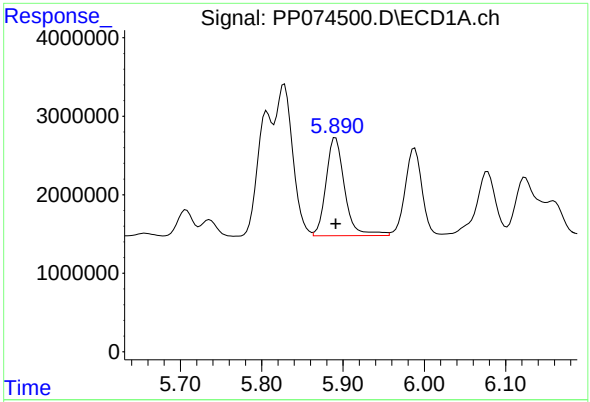

#17 AR-1242-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 28957608
Conc: 500.00 ng/ml




#17 AR-1242-2

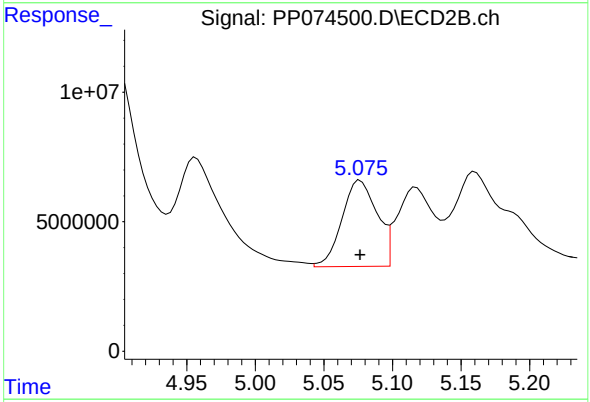
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 104418566
Conc: 500.00 ng/ml




#18 AR-1242-3

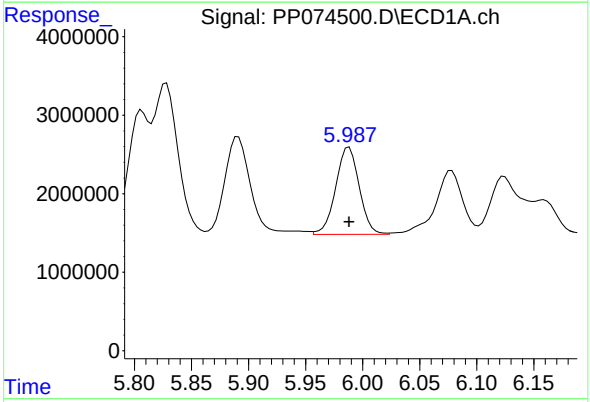
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 19985033
Conc: 500.00 ng/ml

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



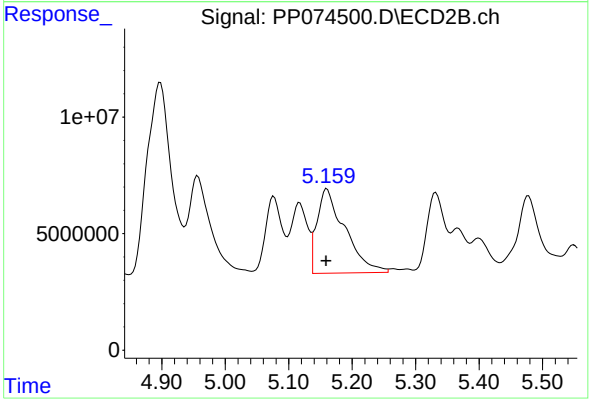

#18 AR-1242-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 59237210
Conc: 500.00 ng/ml



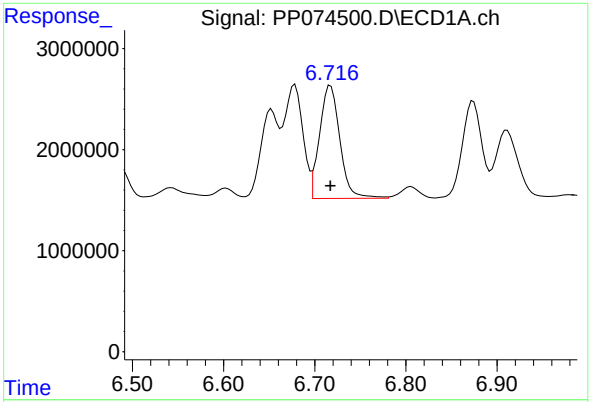

#19 AR-1242-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 15947348
Conc: 500.00 ng/ml




#19 AR-1242-4

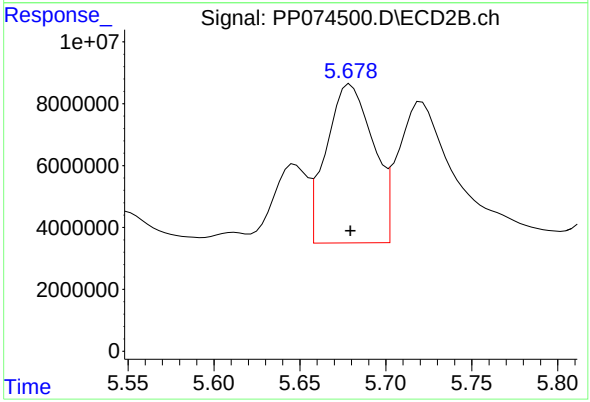
R.T.: 5.160 min
Delta R.T.: 0.001 min
Response: 110694100
Conc: 643.47 ng/ml




#20 AR-1242-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 17313490
Conc: 500.00 ng/ml

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




#20 AR-1242-5

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 97476940
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:44
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:29:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.658 | 3.802 | 31800678 | 118.0E6 | 26.721 | 22.435 |
| 2) | SA Decachlor... | 10.437 | 8.817 | 28324807 | 184.7E6 | 27.206 | 24.441 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.810 | 4.901 | 10310435 | 106.8E6 | 277.473 | 247.620 |
| 17) | L4 AR-1242-2 | 5.831 | 4.959 | 15526062 | 51090902 | 278.425 | 248.140 |
| 18) | L4 AR-1242-3 | 5.894 | 5.079 | 10970993 | 31438734 | 287.541 | 263.142 |
| 19) | L4 AR-1242-4 | 5.991 | 5.162 | 8954111 | 59767526 | 289.928 | 362.702 # |
| 20) | L4 AR-1242-5 | 6.720 | 5.682 | 9712723 | 49681879 | 290.054 | 260.430 |

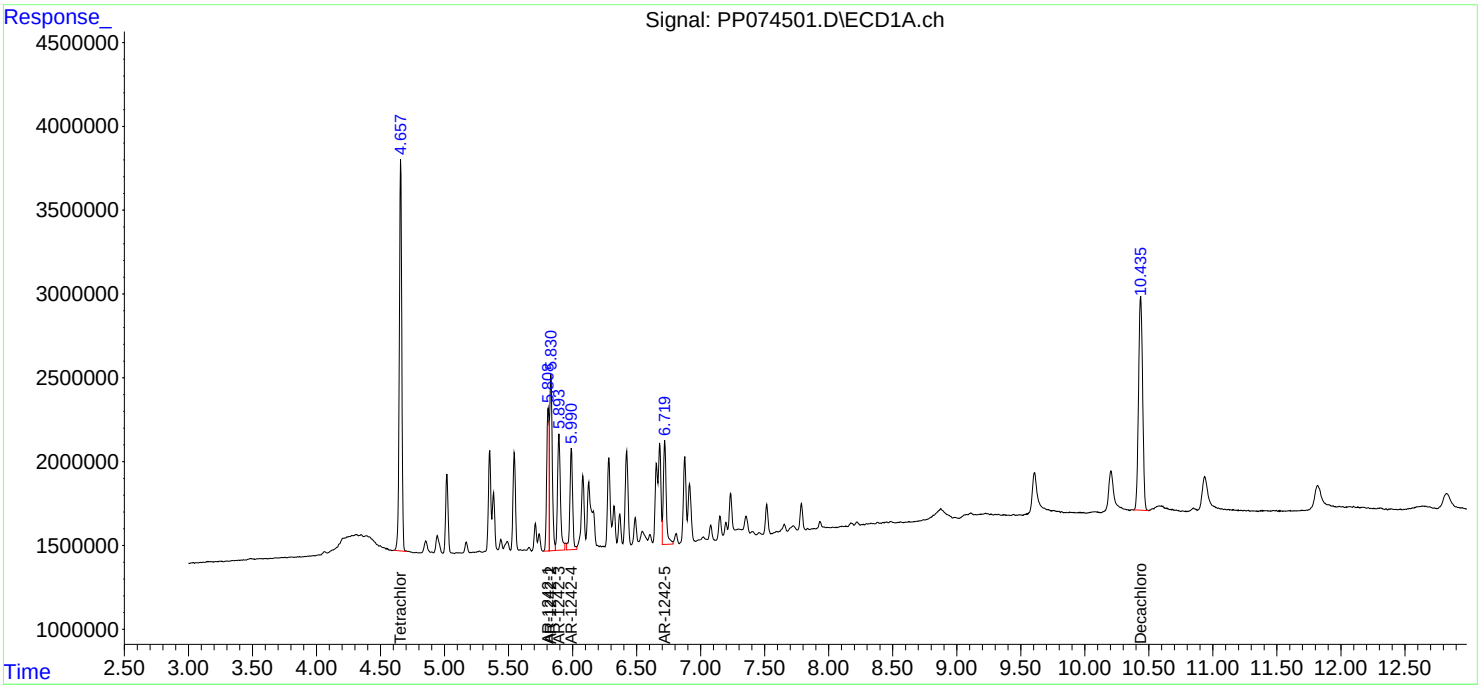
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

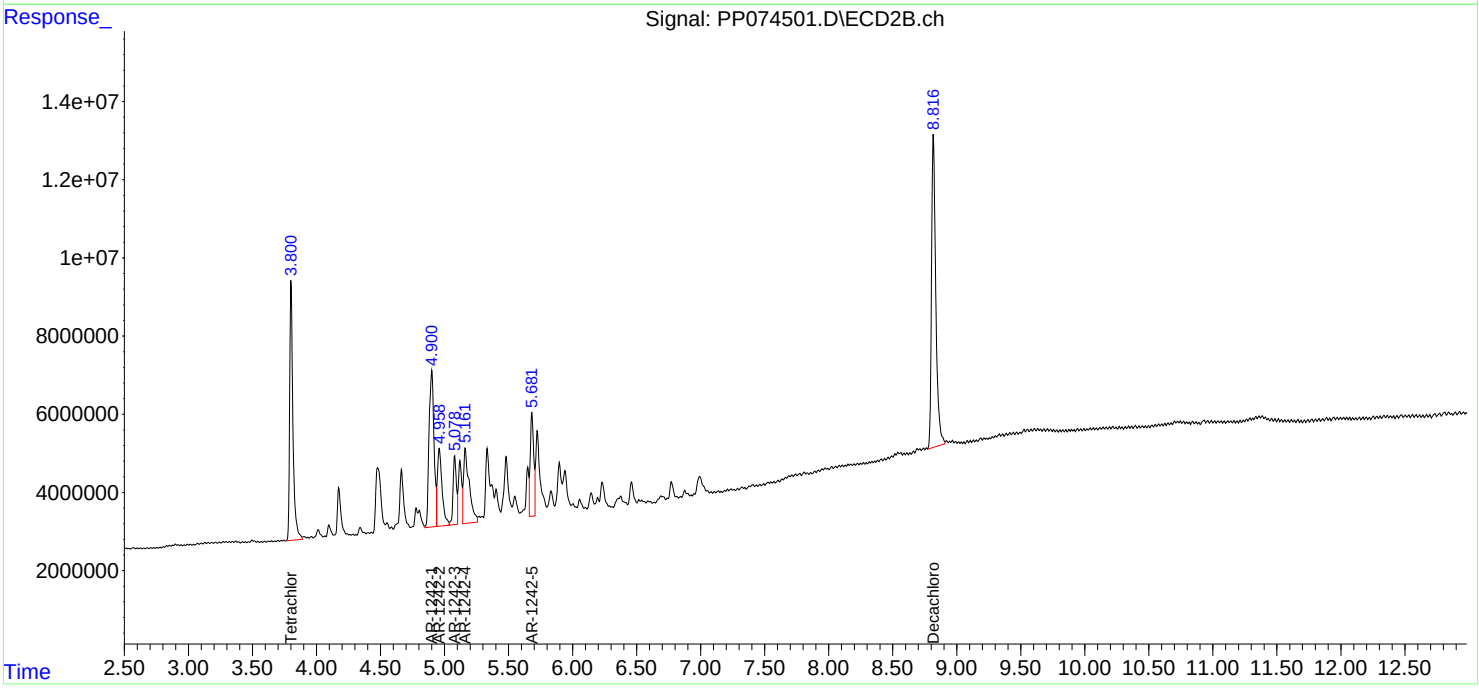
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:44
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

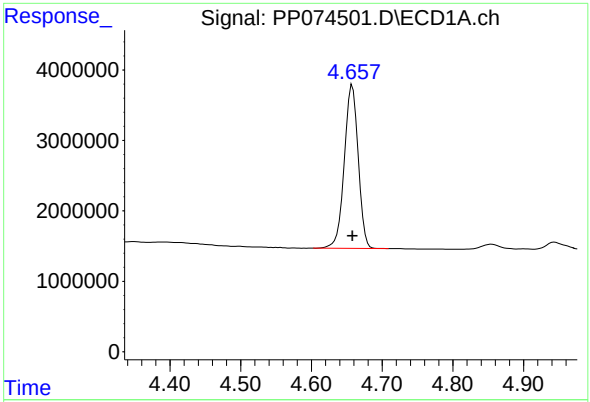
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:29:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 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



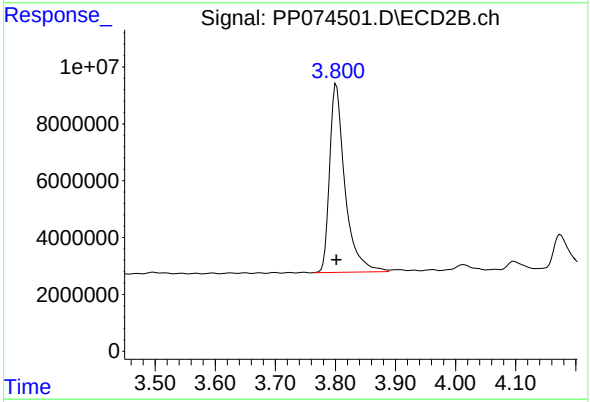






#1 Tetrachloro-m-xylene

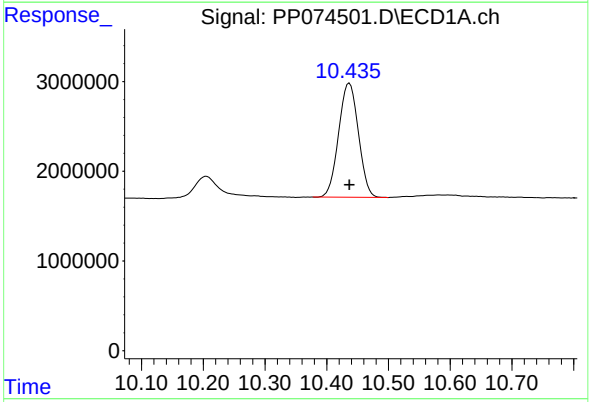
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 31800678
Conc: 26.72 ng/ml

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



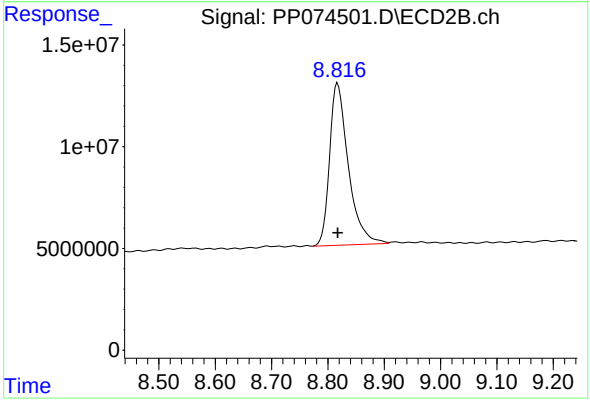

#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 117966079
Conc: 22.44 ng/ml



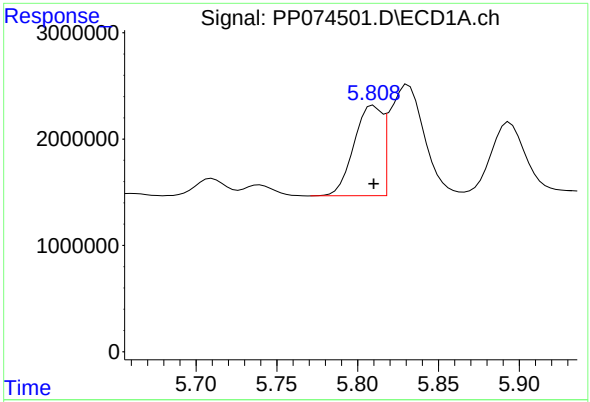

#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 28324807
Conc: 27.21 ng/ml




#2 Decachlorobiphenyl

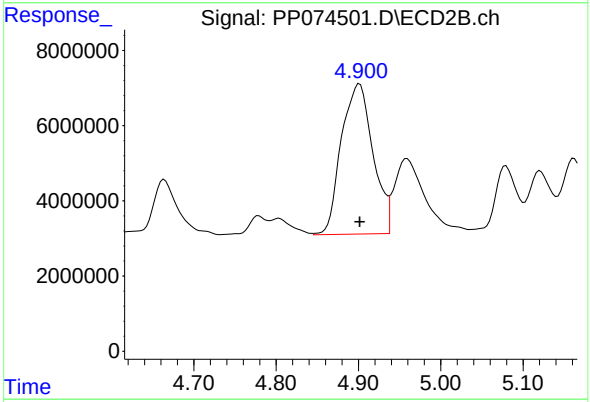
R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 184678720
Conc: 24.44 ng/ml




#16 AR-1242-1

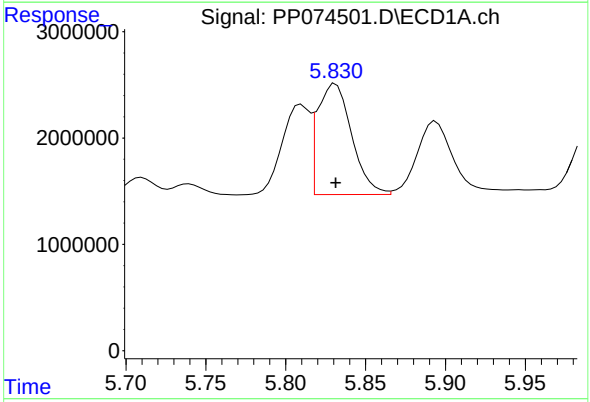
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 10310435
Conc: 277.47 ng/ml

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



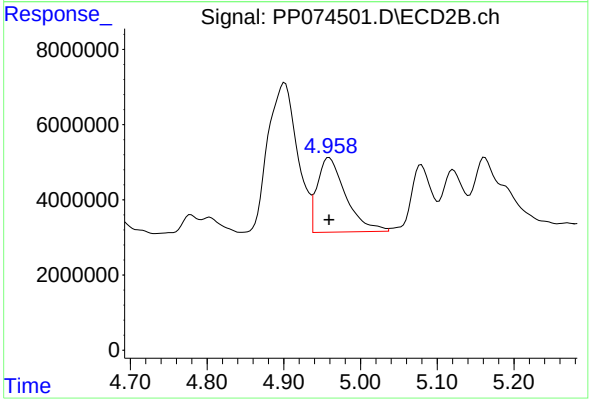

#16 AR-1242-1

R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 106769716
Conc: 247.62 ng/ml



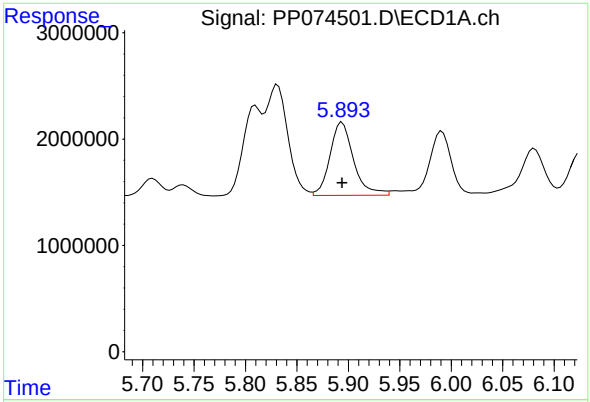

#17 AR-1242-2

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 15526062
Conc: 278.42 ng/ml




#17 AR-1242-2

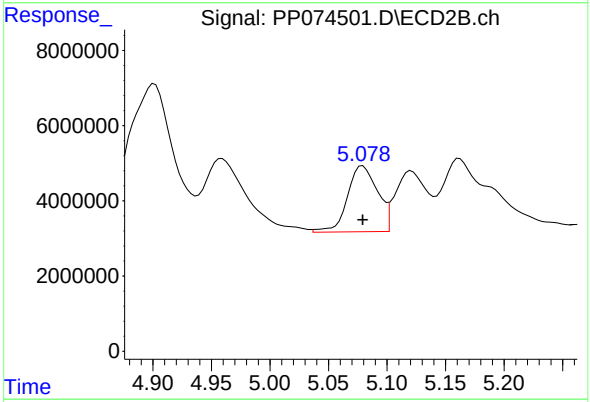
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 51090902
Conc: 248.14 ng/ml




#18 AR-1242-3

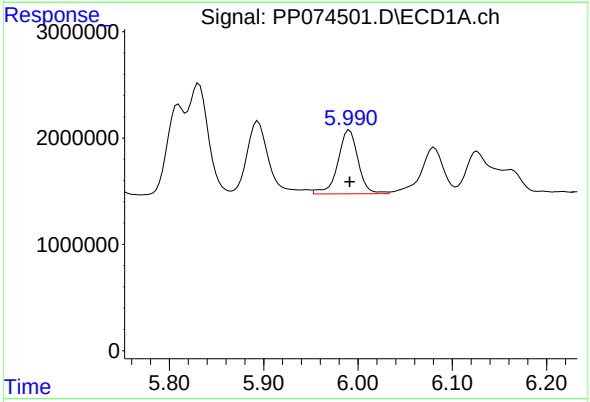
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 10970993
Conc: 287.54 ng/ml

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



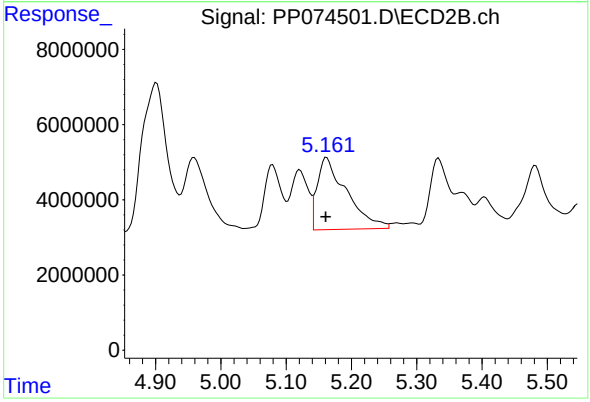

#18 AR-1242-3

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 31438734
Conc: 263.14 ng/ml



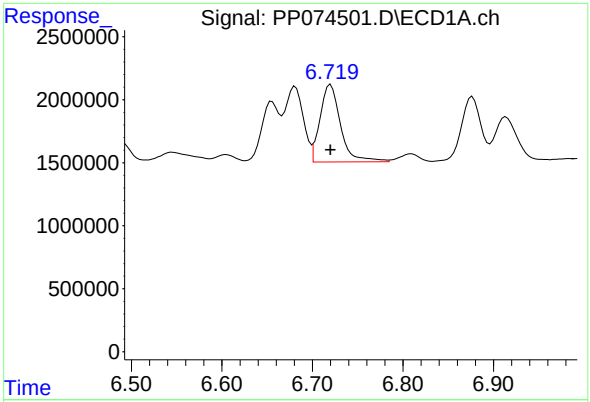

#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 8954111
Conc: 289.93 ng/ml




#19 AR-1242-4

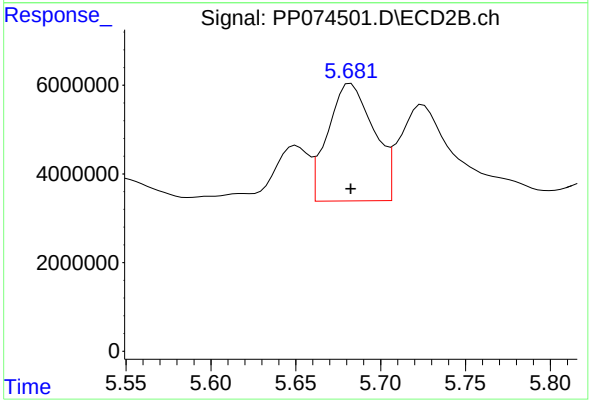
R.T.: 5.162 min
Delta R.T.: 0.001 min
Response: 59767526
Conc: 362.70 ng/ml




#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 9712723
Conc: 290.05 ng/ml

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




#20 AR-1242-5

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 49681879
Conc: 260.43 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:00
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:33:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.656 | 3.798 | 6391941 | 16722681 | 5.292 | 3.430 # |
| 2) | SA Decachlor... | 10.435 | 8.815 | 5418588 | 33484970 | 5.162 | 4.535 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 5.808 | 4.899 | 2152801 | 19201283 | 56.482 | 45.527 |
| 17) | L4 AR-1242-2 | 5.829 | 4.955 | 3235335 | 8891532 | 57.580 | 44.395 |
| 18) | L4 AR-1242-3 | 5.893 | 5.077 | 2870037 | 5679652 | 70.403 | 48.011 # |
| 19) | L4 AR-1242-4 | 5.989 | 5.158 | 2122697 | 15059806 | 65.480 | 90.720 # |
| 20) | L4 AR-1242-5 | 6.718 | 5.680 | 2757635 | 8137241 | 78.060 | 43.946 # |

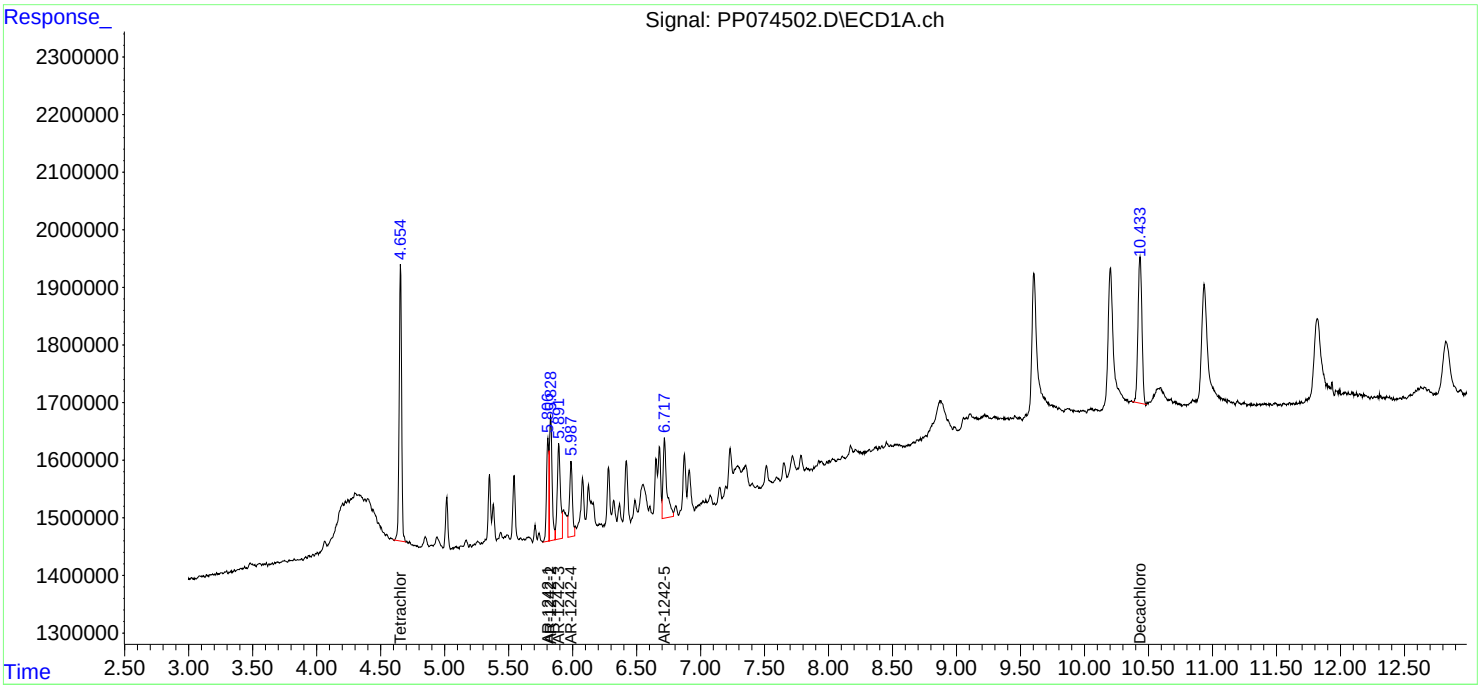
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

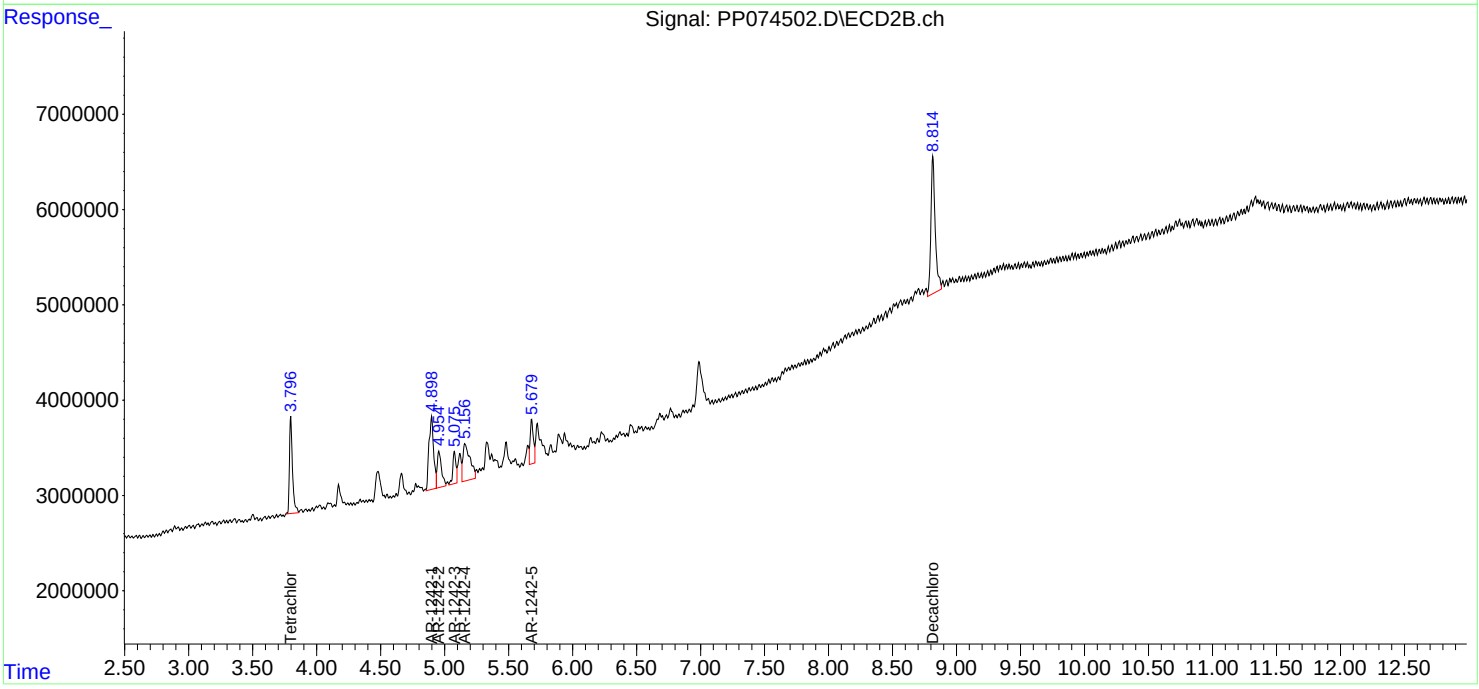
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:00
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

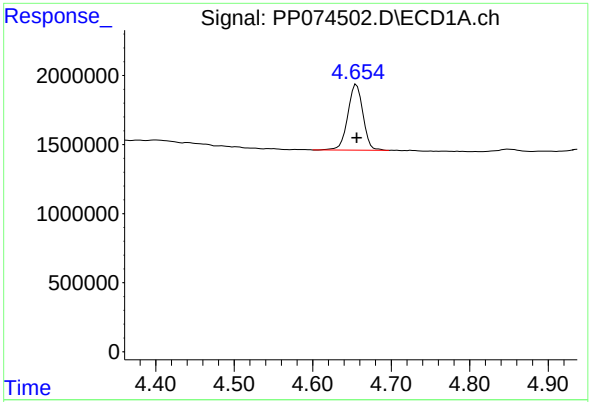
**Instrument :**
ECD_P
**ClientSampleId :**
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:33:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 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



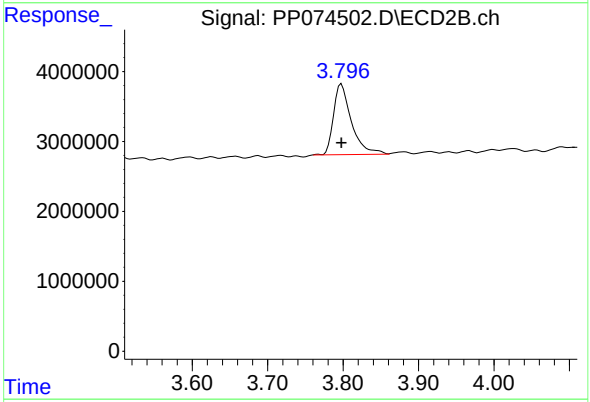






#1 Tetrachloro-m-xylene

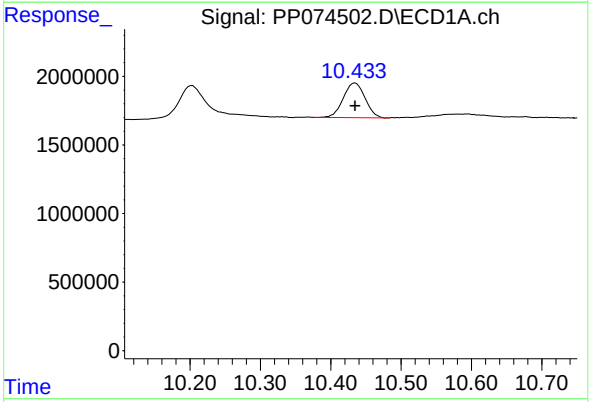
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 6391941
Conc: 5.29 ng/ml

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



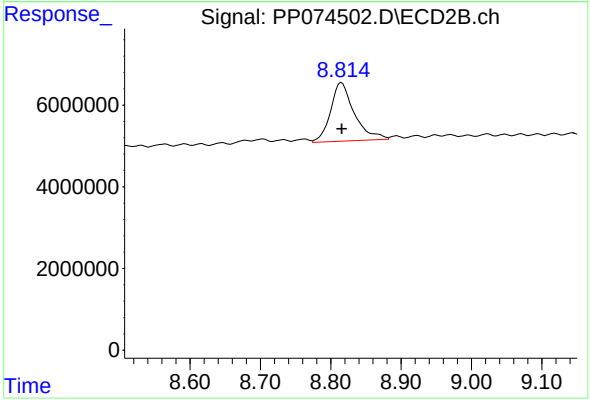

#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 16722681
Conc: 3.43 ng/ml



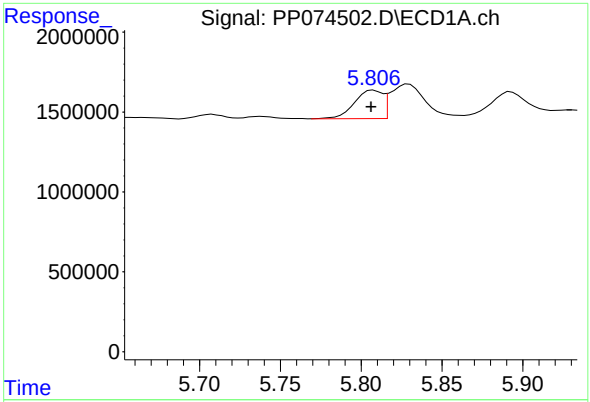

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 5418588
Conc: 5.16 ng/ml




#2 Decachlorobiphenyl

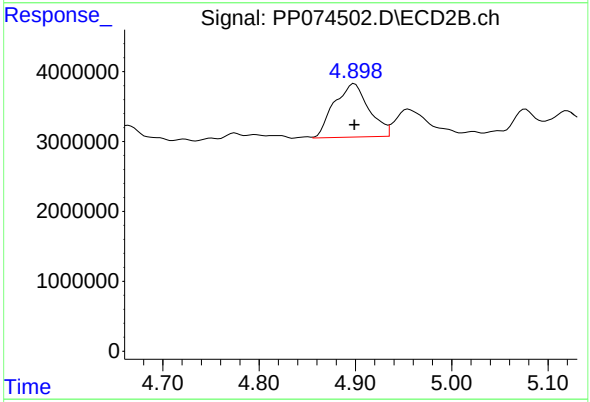
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 33484970
Conc: 4.53 ng/ml




#16 AR-1242-1

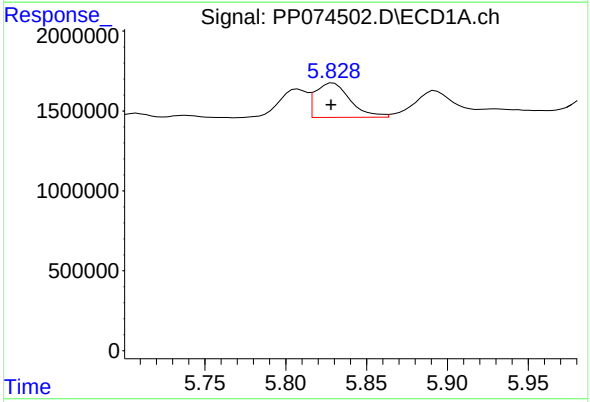
R.T.: 5.808 min
Delta R.T.: 0.001 min
Response: 2152801
Conc: 56.48 ng/ml

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



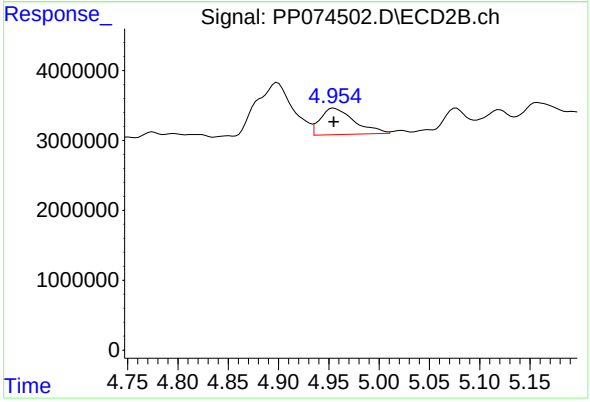

#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 19201283
Conc: 45.53 ng/ml



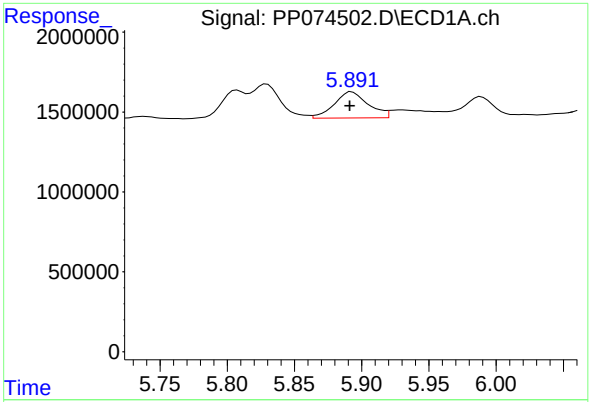

#17 AR-1242-2

R.T.: 5.829 min
Delta R.T.: 0.001 min
Response: 3235335
Conc: 57.58 ng/ml




#17 AR-1242-2

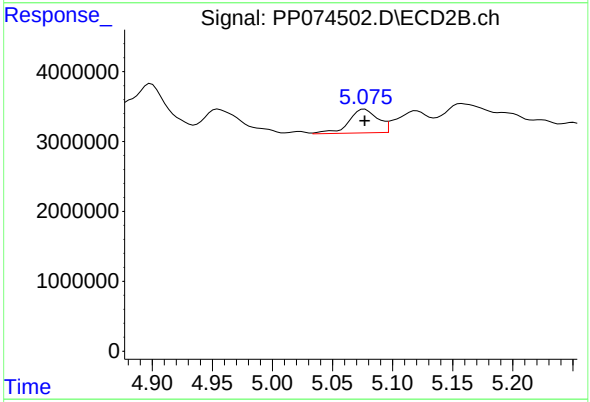
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 8891532
Conc: 44.39 ng/ml




#18 AR-1242-3

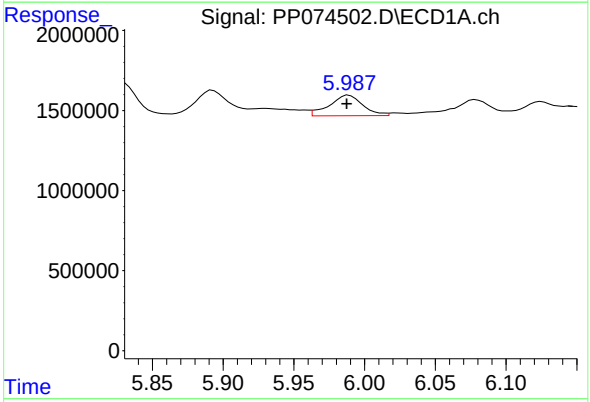
R.T.: 5.893 min
Delta R.T.: 0.001 min
Response: 2870037
Conc: 70.40 ng/ml

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



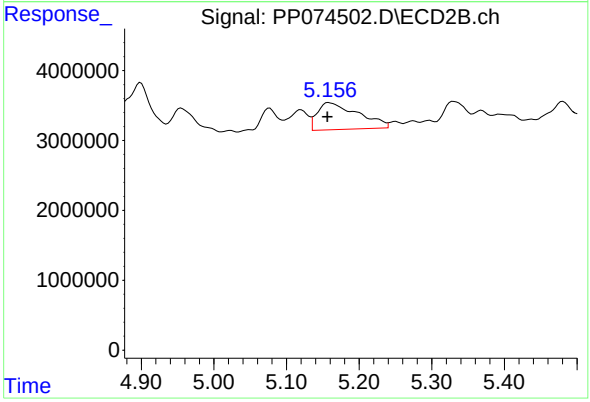

#18 AR-1242-3

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 5679652
Conc: 48.01 ng/ml



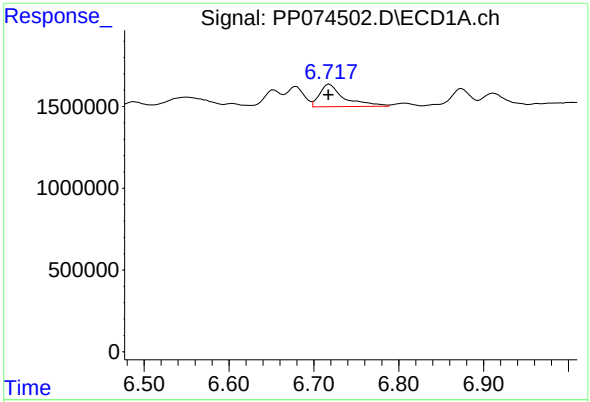

#19 AR-1242-4

R.T.: 5.989 min
Delta R.T.: 0.002 min
Response: 2122697
Conc: 65.48 ng/ml




#19 AR-1242-4

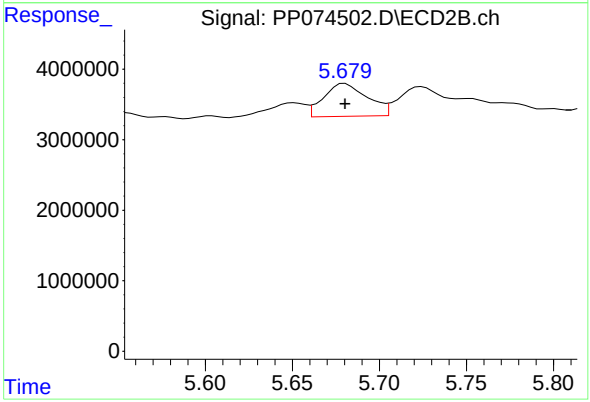
R.T.: 5.158 min
Delta R.T.: 0.002 min
Response: 15059806
Conc: 90.72 ng/ml




#20 AR-1242-5

R.T.: 6.718 min
Delta R.T.: 0.001 min
Response: 2757635
Conc: 78.06 ng/ml

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




#20 AR-1242-5

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 8137241
Conc: 43.95 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:16
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:04:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.655 | 3.800 | 110.1E6 | 492.2E6 | 91.706 | 99.983 |
| 2) | SA Decachlor... | 10.435 | 8.815 | 95099389 | 736.2E6 | 88.794 | 93.998 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.806 | 4.897 | 26825393 | 276.8E6 | 869.659 | 941.101 |
| 22) | L5 AR-1248-2 | 6.078 | 5.118 | 37601198 | 170.4E6 | 870.163 | 925.395 |
| 23) | L5 AR-1248-3 | 6.281 | 5.158 | 41457218 | 321.7E6 | 885.508 | 1413.224 # |
| 24) | L5 AR-1248-4 | 6.679 | 5.331 | 47576379 | 216.0E6 | 874.270 | 940.843 |
| 25) | L5 AR-1248-5 | 6.718 | 5.721 | 47007884 | 365.9E6 | 868.926 | 946.465 |

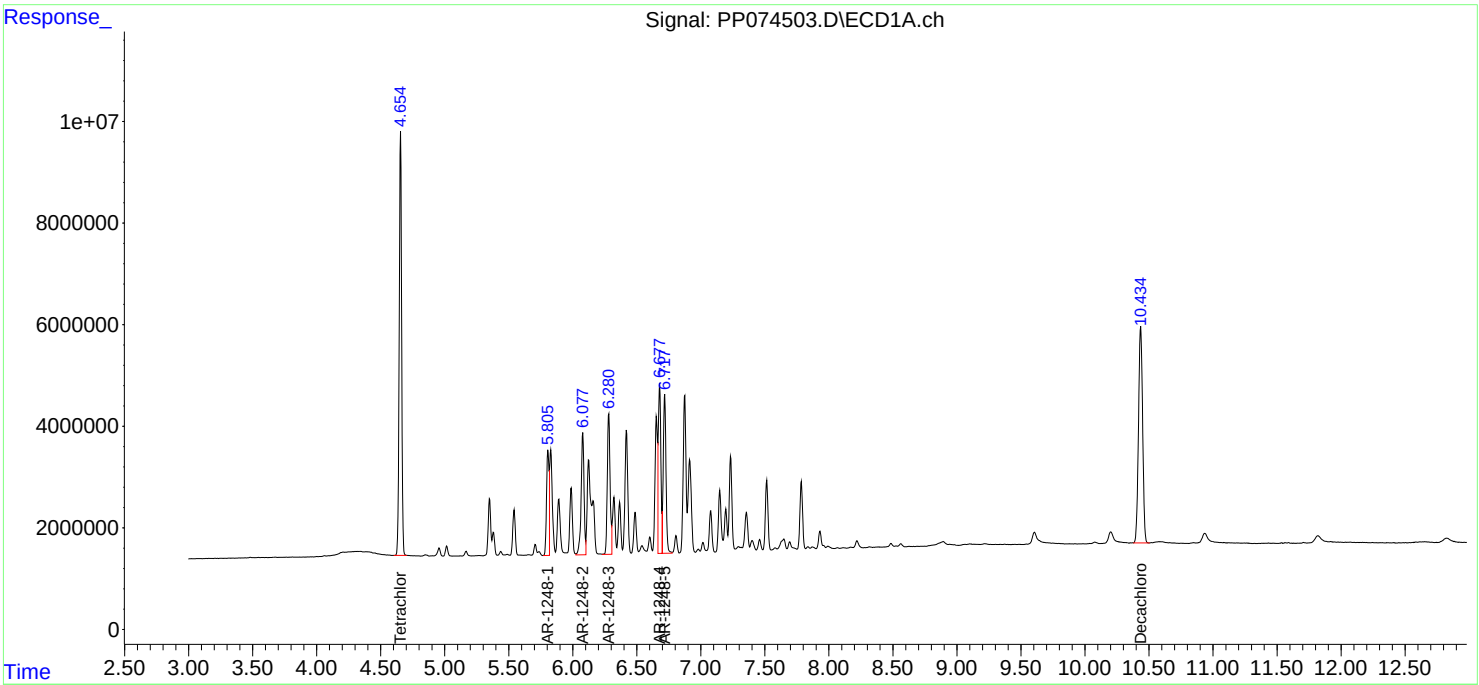
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

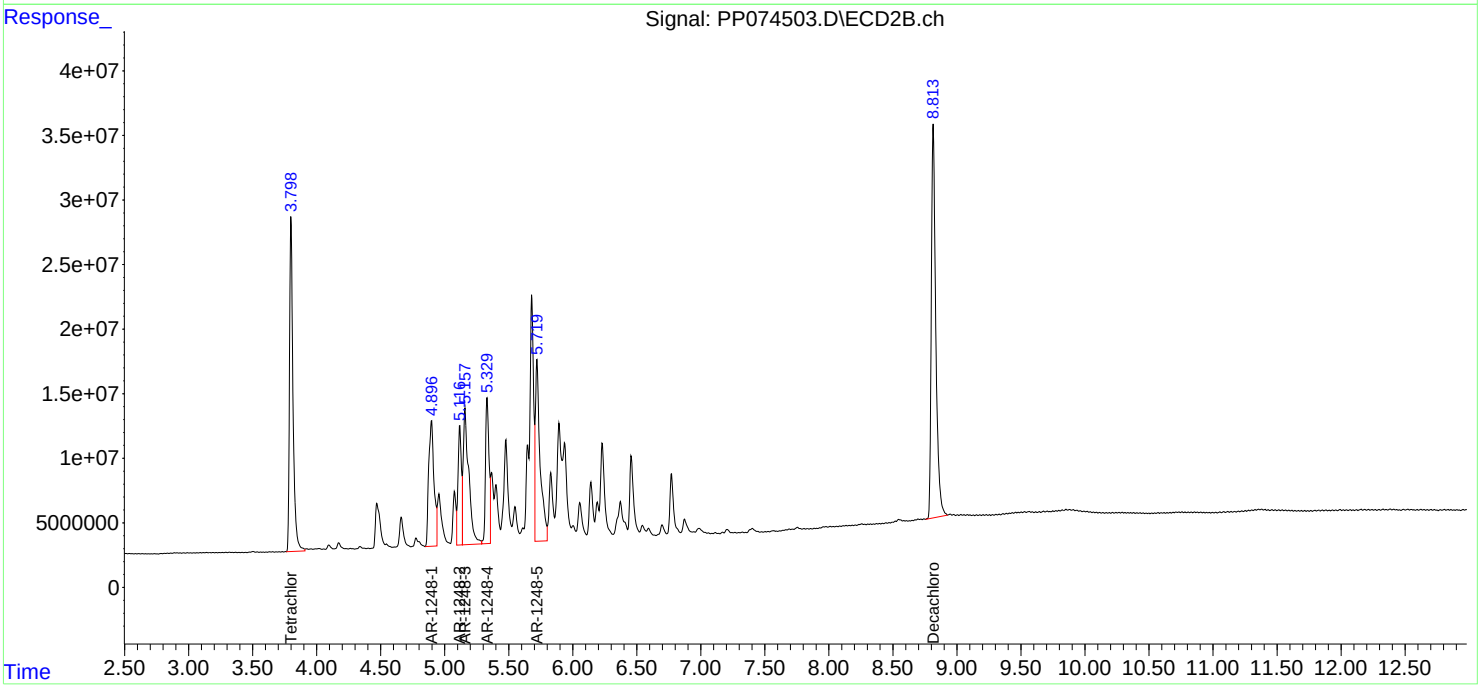
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:16
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

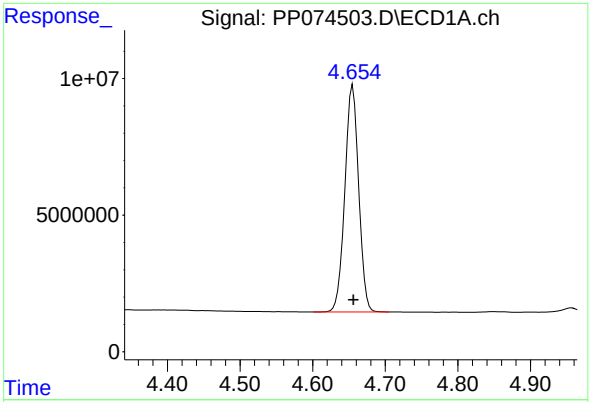
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:04:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



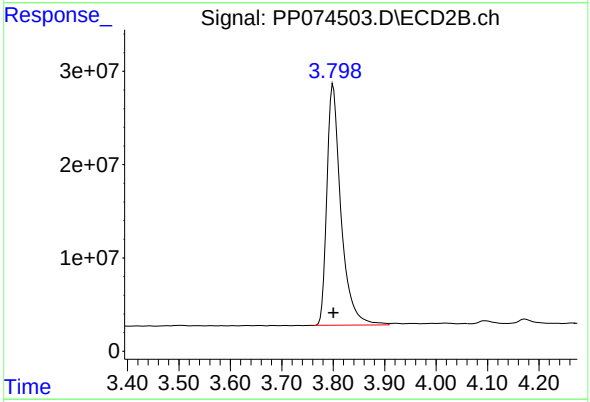






#1 Tetrachloro-m-xylene

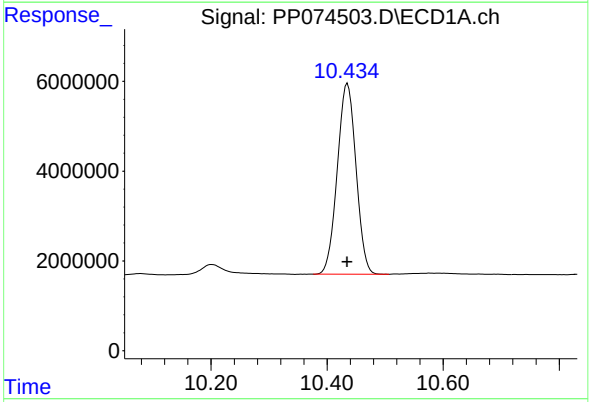
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 110099195
Conc: 91.71 ng/ml

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



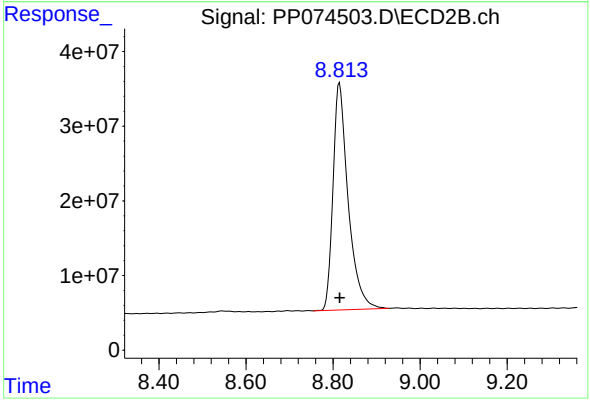

#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 492177520
Conc: 99.98 ng/ml



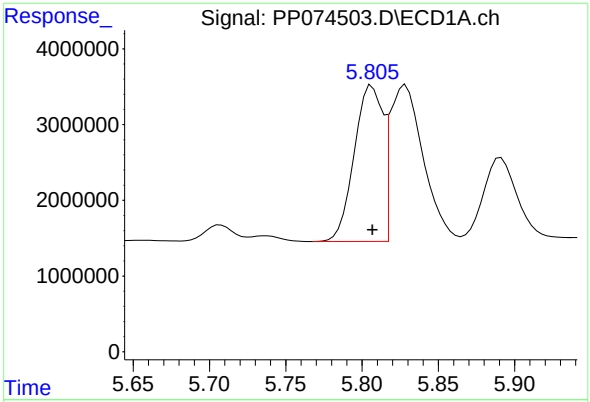

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 95099389
Conc: 88.79 ng/ml




#2 Decachlorobiphenyl

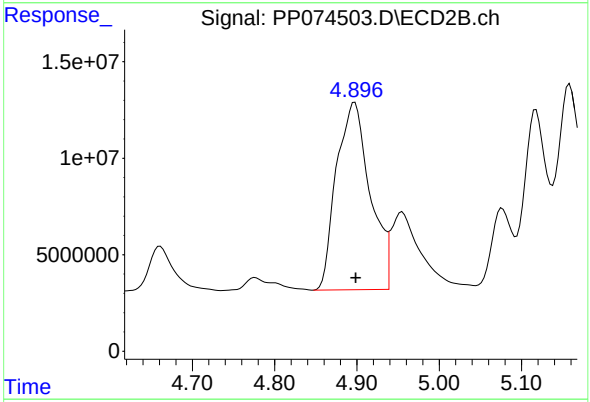
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 736217044
Conc: 94.00 ng/ml




#21 AR-1248-1

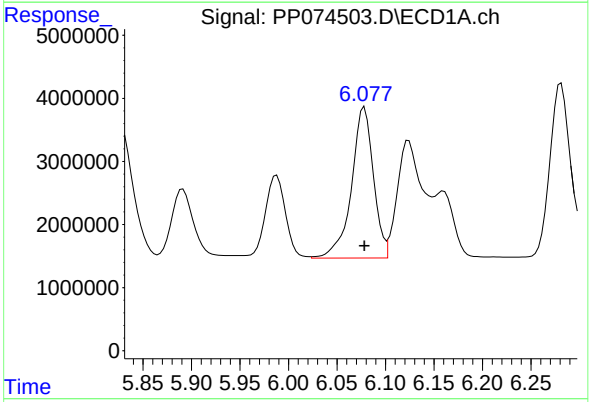
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 26825393
Conc: 869.66 ng/ml

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



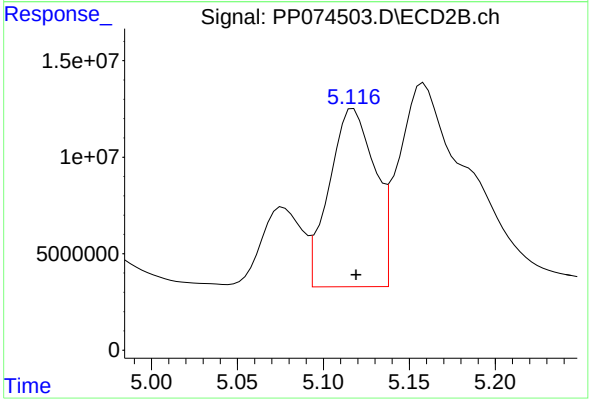

#21 AR-1248-1

R.T.: 4.897 min
Delta R.T.: -0.001 min
Response: 276787529
Conc: 941.10 ng/ml



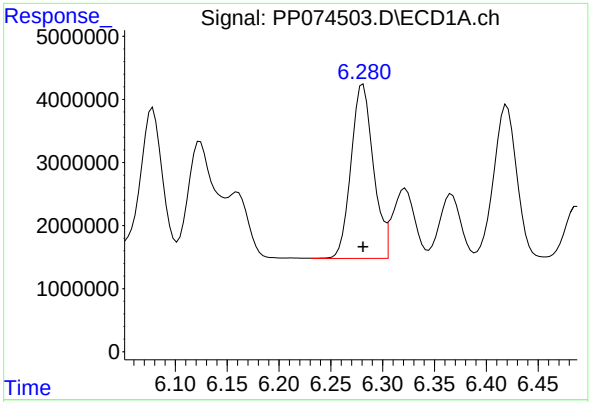

#22 AR-1248-2

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 37601198
Conc: 870.16 ng/ml




#22 AR-1248-2

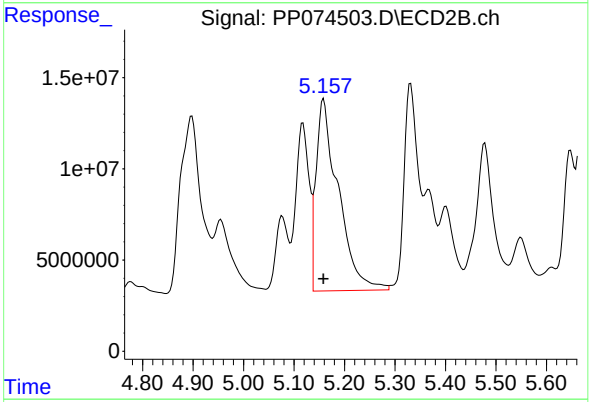
R.T.: 5.118 min
Delta R.T.: -0.001 min
Response: 170428062
Conc: 925.40 ng/ml




#23 AR-1248-3

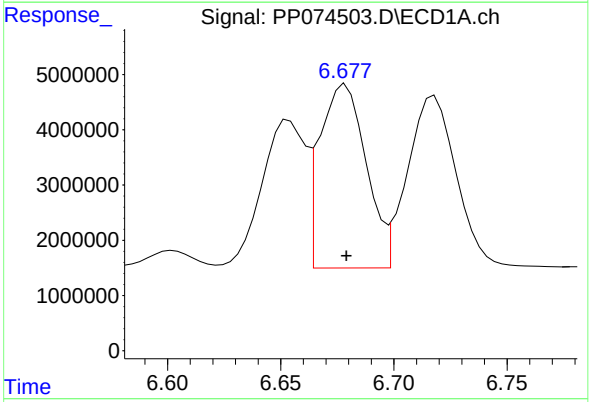
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 41457218
Conc: 885.51 ng/ml

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



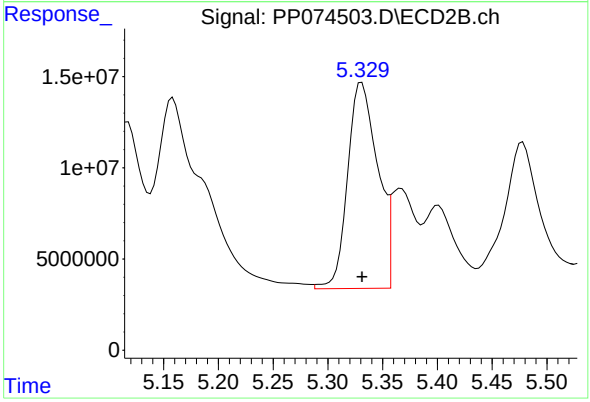

#23 AR-1248-3

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 321682829
Conc: 1413.22 ng/ml



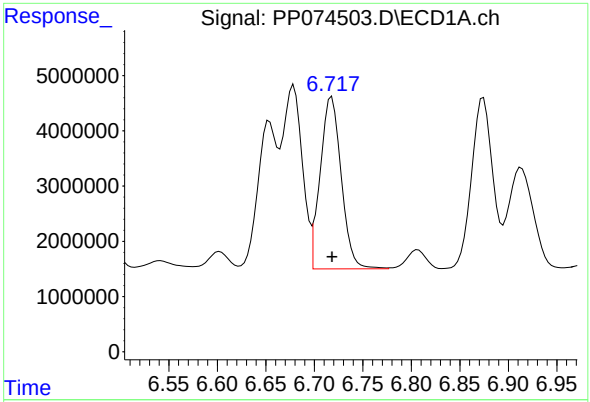

#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 47576379
Conc: 874.27 ng/ml




#24 AR-1248-4

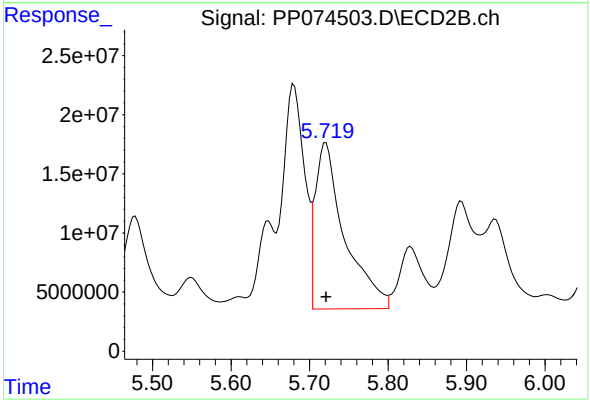
R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 216013976
Conc: 940.84 ng/ml




#25 AR-1248-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 47007884
Conc: 868.93 ng/ml

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




#25 AR-1248-5

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 365899980
Conc: 946.47 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:33
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.659 | 3.803 | 86008422 | 395.4E6 | 71.640 | 80.329 | |
| 2) | SA Decachlor... | 10.439 | 8.818 | 75691794 | 571.8E6 | 70.673 | 72.999 | |
| | Target Compounds | | | | | | | |
| 21) | L5 AR-1248-1 | 5.810 | 4.902 | 21304287 | 204.7E6 | 690.669 | 696.142 | |
| 22) | L5 AR-1248-2 | 6.082 | 5.122 | 29923107 | 132.7E6 | 692.477 | 720.722 | |
| 23) | L5 AR-1248-3 | 6.284 | 5.163 | 32832116 | 242.9E6 | 701.279 | 1067.215 | # |
| 24) | L5 AR-1248-4 | 6.682 | 5.334 | 38171735 | 166.6E6 | 701.449 | 725.726 | |
| 25) | L5 AR-1248-5 | 6.721 | 5.724 | 37544119 | 283.6E6 | 693.991 | 733.686 | |

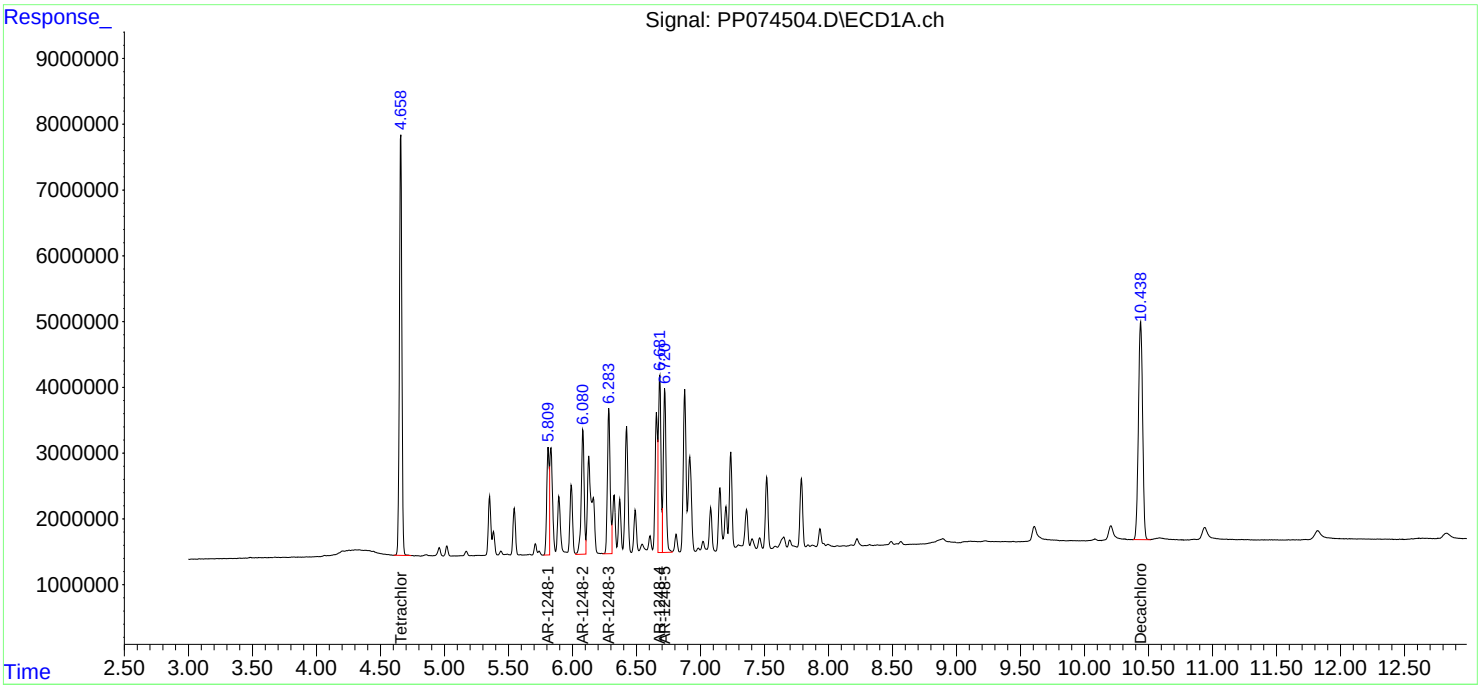
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

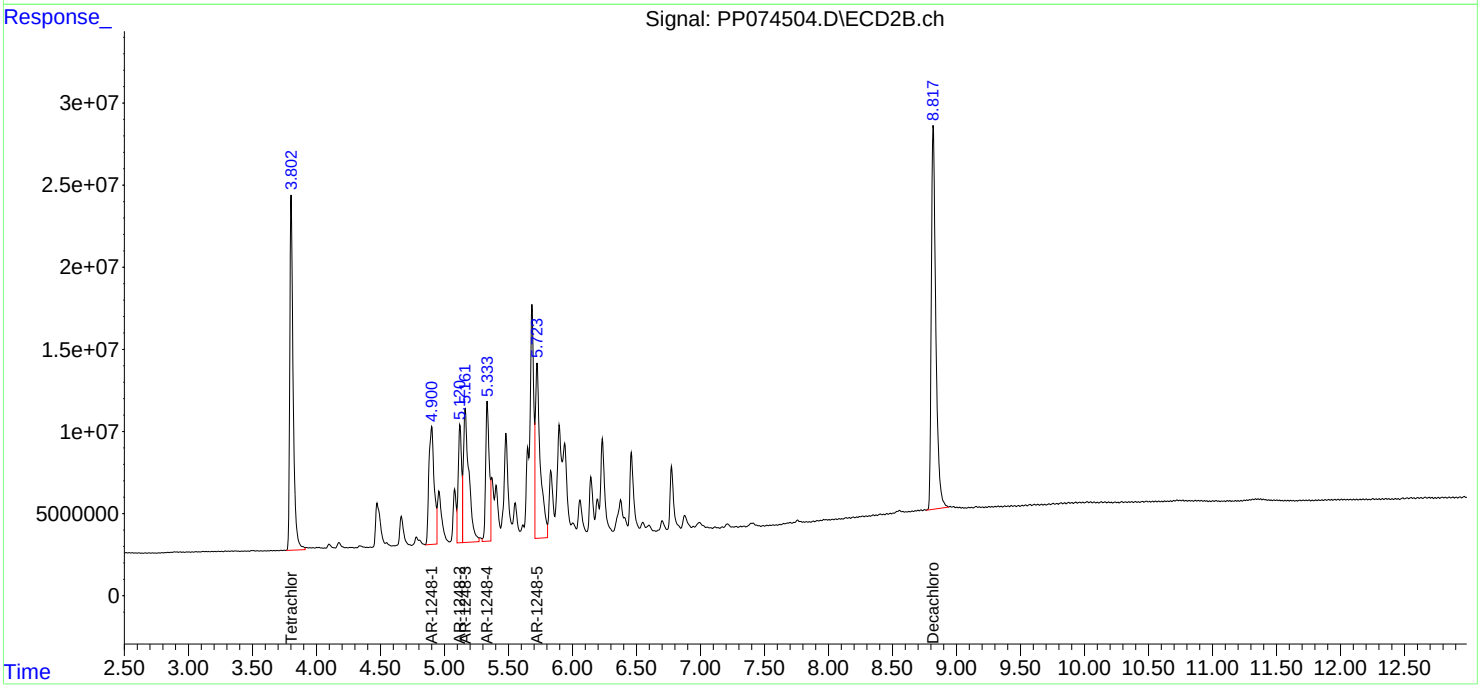
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:33
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

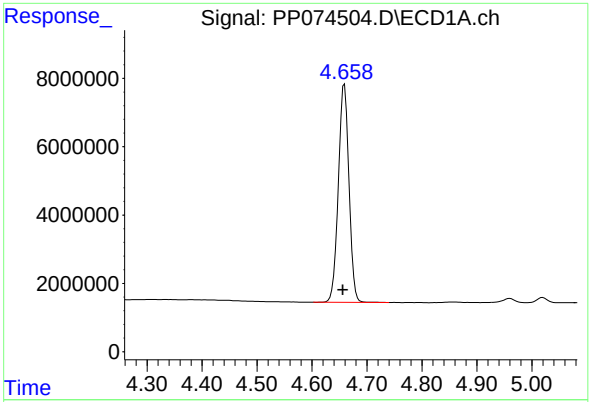
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



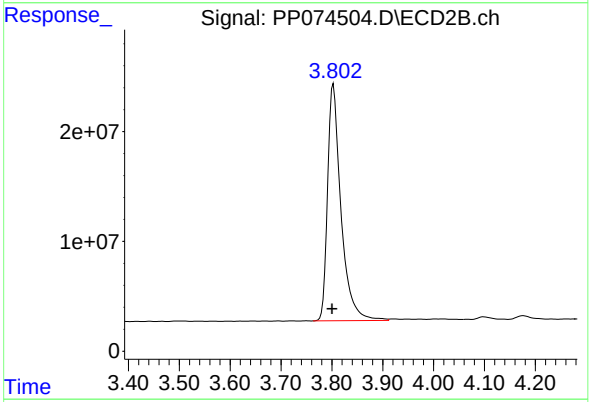






#1 Tetrachloro-m-xylene

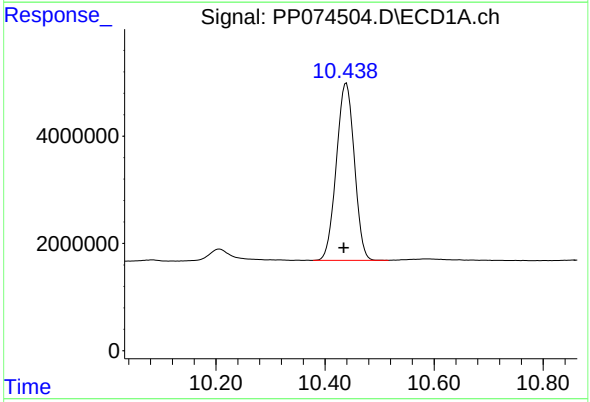
R.T.: 4.659 min
Delta R.T.: 0.003 min
Response: 86008422
Conc: 71.64 ng/ml

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



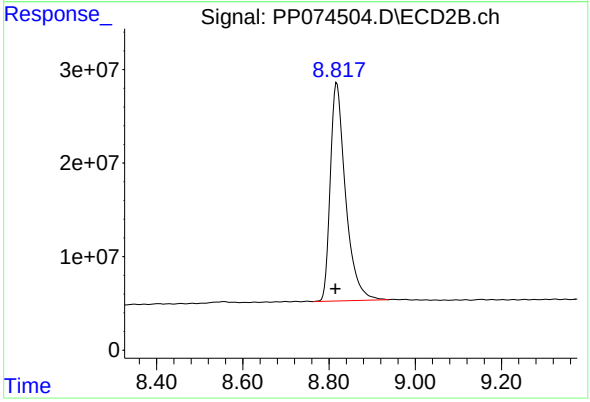

#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.002 min
Response: 395428187
Conc: 80.33 ng/ml



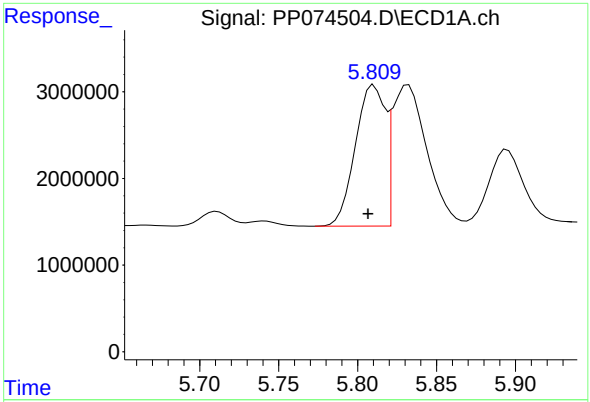

#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.004 min
Response: 75691794
Conc: 70.67 ng/ml




#2 Decachlorobiphenyl

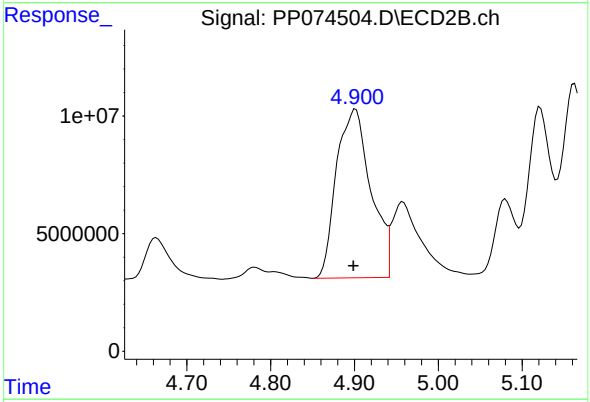
R.T.: 8.818 min
Delta R.T.: 0.003 min
Response: 571751151
Conc: 73.00 ng/ml




#21 AR-1248-1

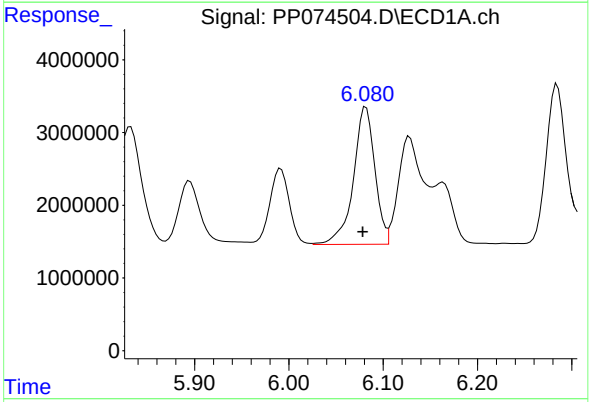
R.T.: 5.810 min
Delta R.T.: 0.004 min
Response: 21304287
Conc: 690.67 ng/ml

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



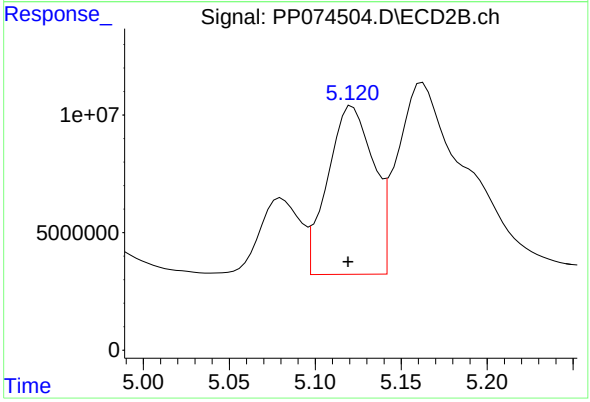

#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: 0.003 min
Response: 204742425
Conc: 696.14 ng/ml



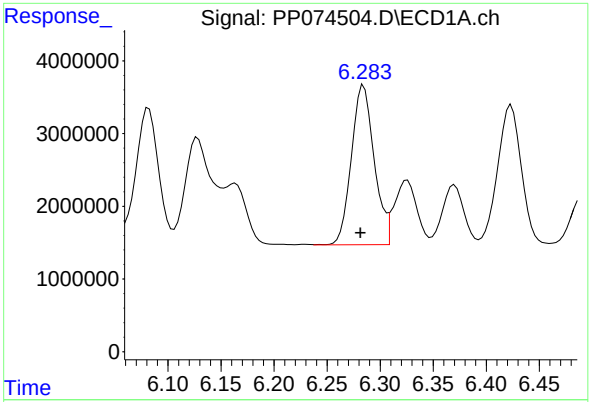

#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 29923107
Conc: 692.48 ng/ml




#22 AR-1248-2

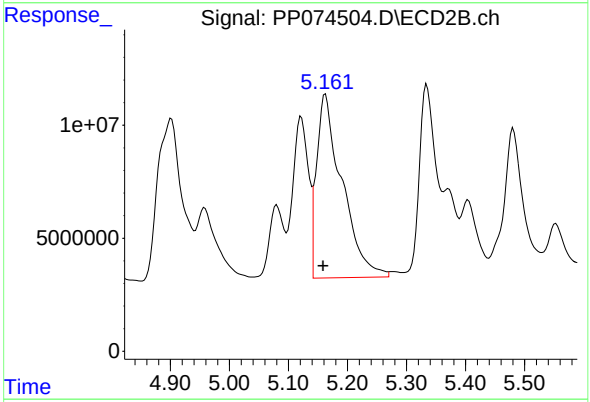
R.T.: 5.122 min
Delta R.T.: 0.003 min
Response: 132733755
Conc: 720.72 ng/ml




#23 AR-1248-3

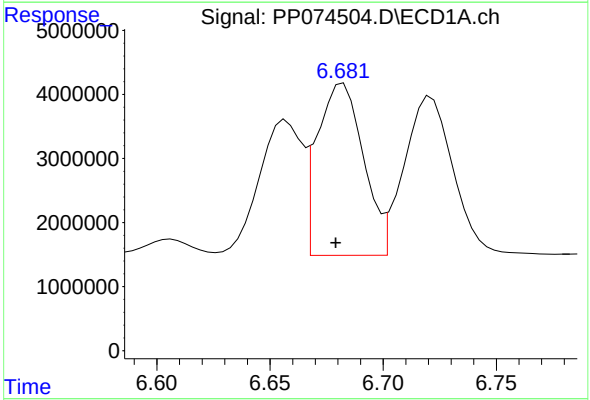
R.T.: 6.284 min
Delta R.T.: 0.003 min
Response: 32832116
Conc: 701.28 ng/ml

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



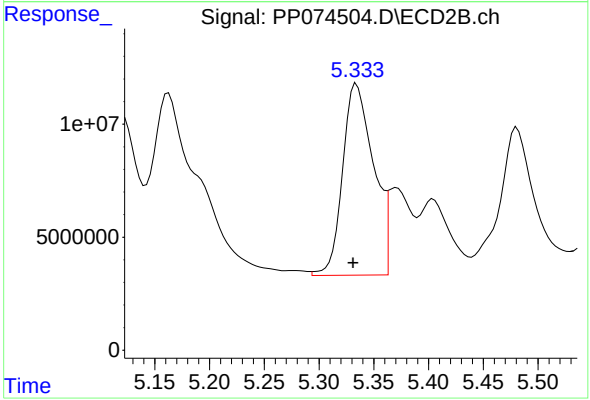

#23 AR-1248-3

R.T.: 5.163 min
Delta R.T.: 0.004 min
Response: 242923221
Conc: 1067.22 ng/ml



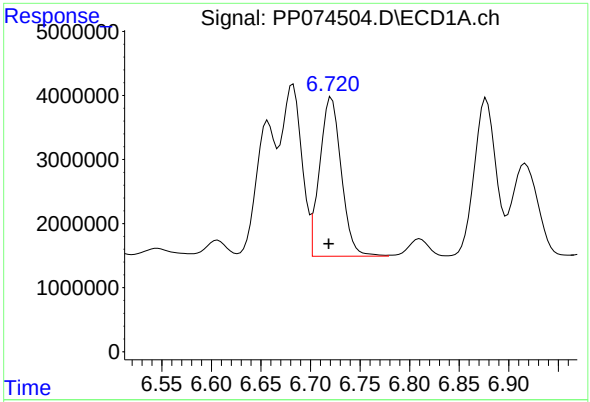

#24 AR-1248-4

R.T.: 6.682 min
Delta R.T.: 0.003 min
Response: 38171735
Conc: 701.45 ng/ml




#24 AR-1248-4

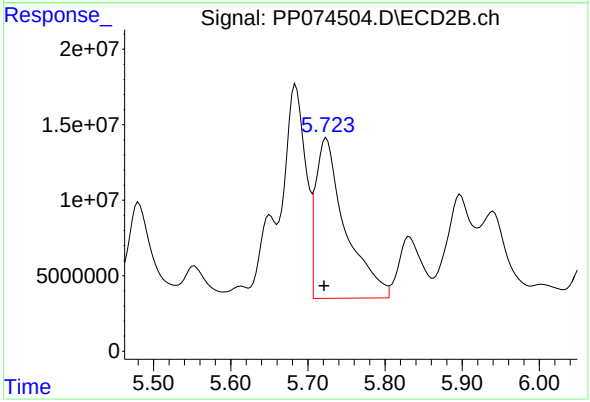
R.T.: 5.334 min
Delta R.T.: 0.003 min
Response: 166624074
Conc: 725.73 ng/ml




#25 AR-1248-5

R.T.: 6.721 min
Delta R.T.: 0.003 min
Response: 37544119
Conc: 693.99 ng/ml

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




#25 AR-1248-5

R.T.: 5.724 min
Delta R.T.: 0.003 min
Response: 283640150
Conc: 733.69 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:49
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.656 | 3.801 | 60028320 | 246.1E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.435 | 8.815 | 53550623 | 391.6E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.807 | 4.899 | 15422936 | 147.1E6 | 500.000 | 500.000 |
| 22) | L5 AR-1248-2 | 6.078 | 5.119 | 21605843 | 92083909 | 500.000 | 500.000 |
| 23) | L5 AR-1248-3 | 6.281 | 5.160 | 23408730 | 164.8E6 | 500.000 | 723.889 # |
| 24) | L5 AR-1248-4 | 6.679 | 5.331 | 27209215 | 114.8E6 | 500.000 | 500.000 |
| 25) | L5 AR-1248-5 | 6.718 | 5.721 | 27049432 | 193.3E6 | 500.000 | 500.000 |

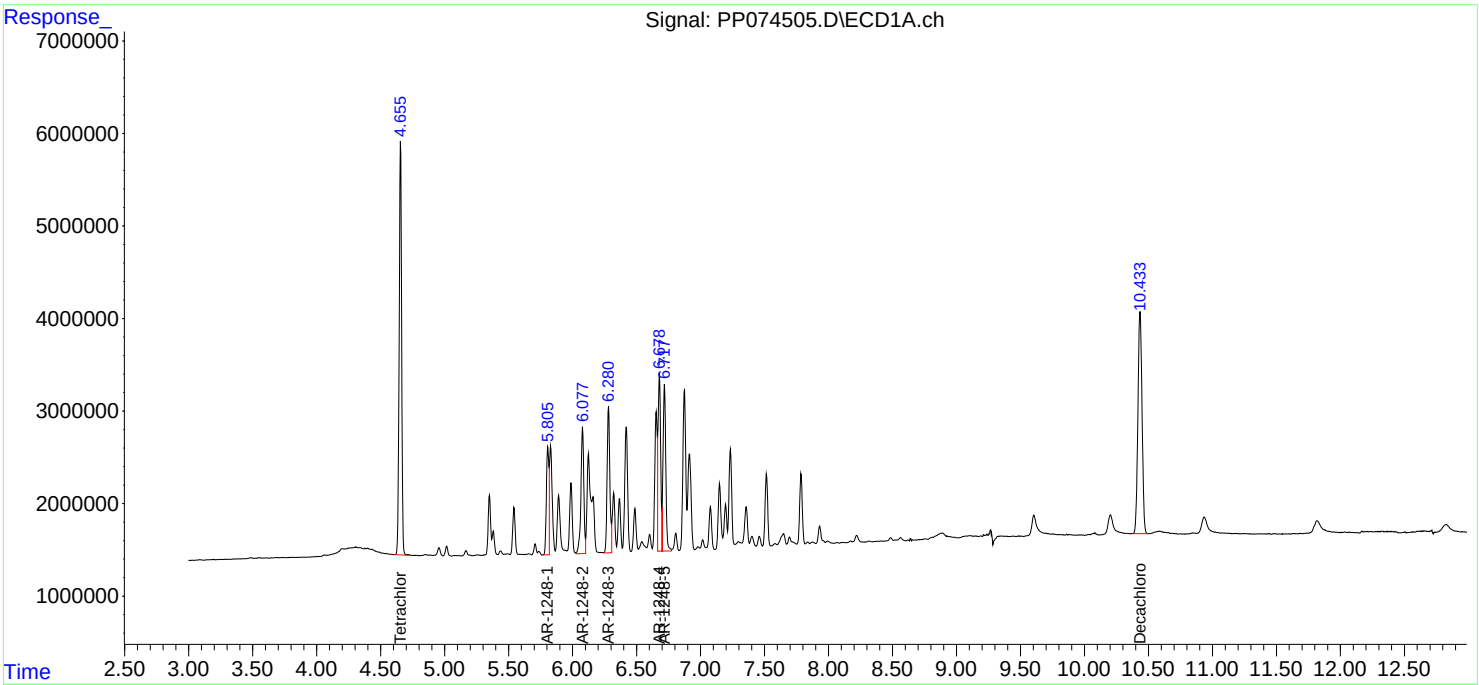
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

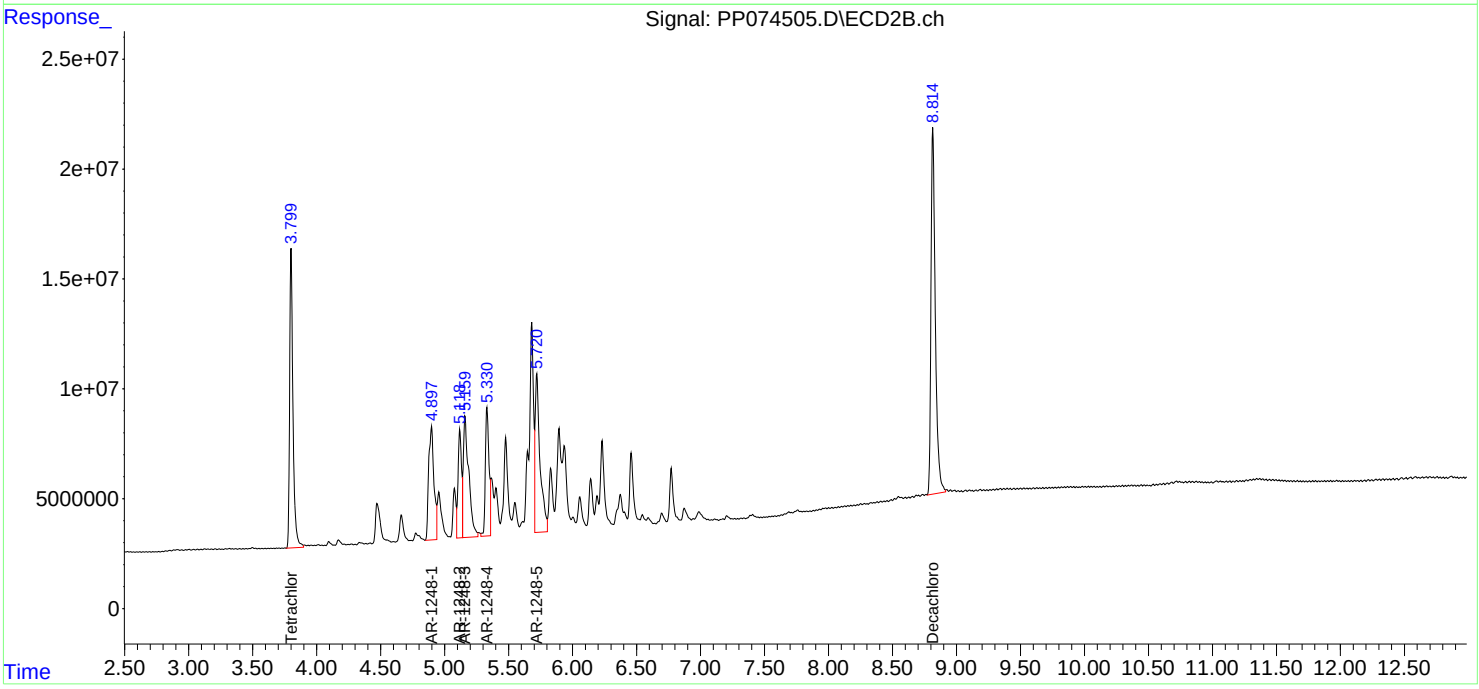
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:49
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

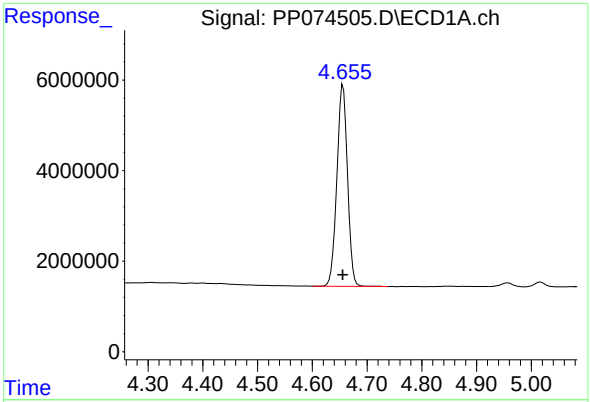
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



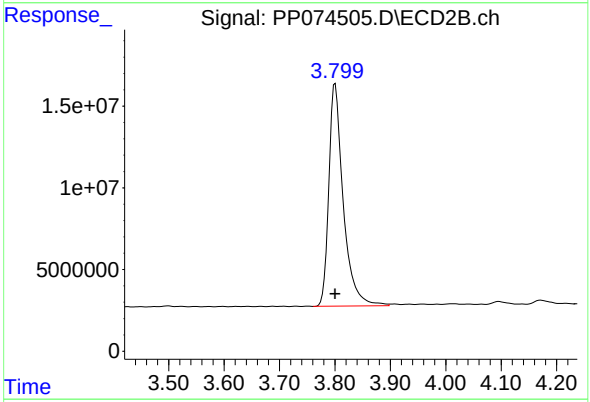






#1 Tetrachloro-m-xylene

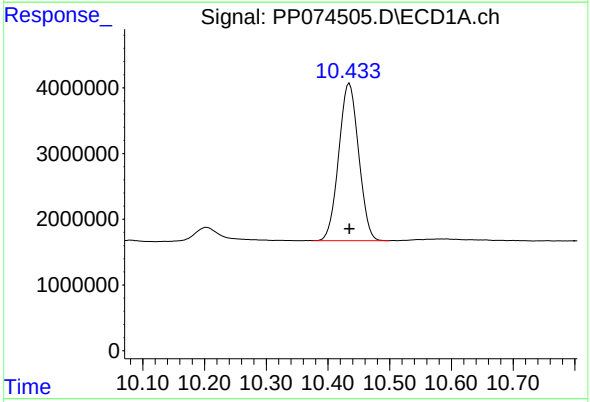
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 60028320
Conc: 50.00 ng/ml

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



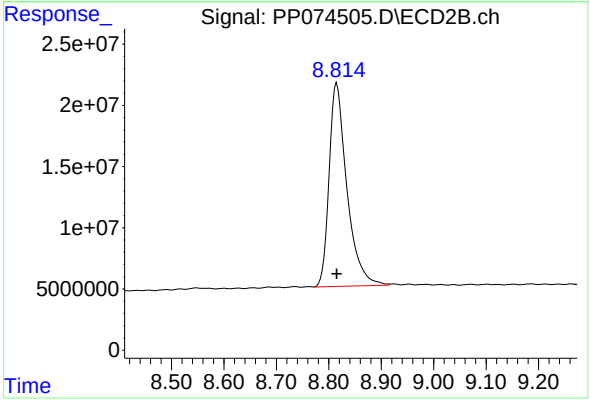

#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 246130771
Conc: 50.00 ng/ml



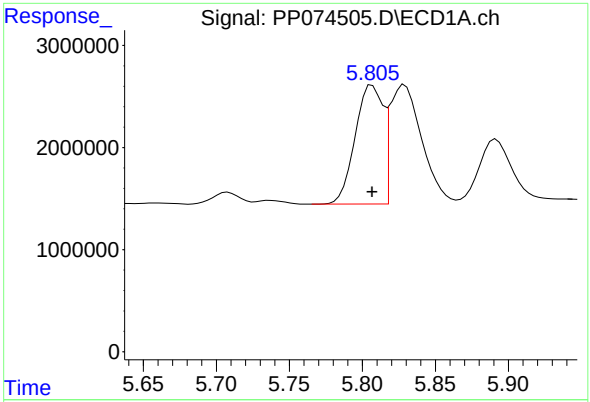

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 53550623
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

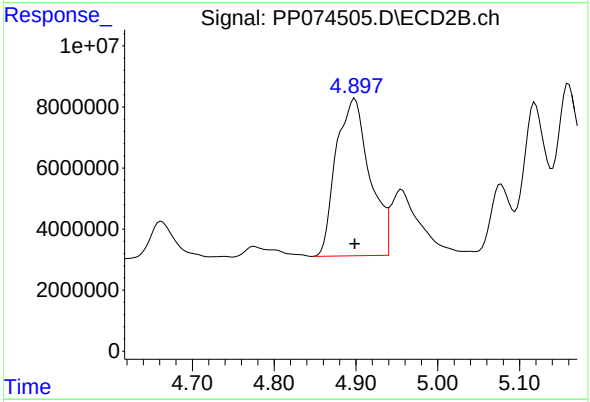
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 391614288
Conc: 50.00 ng/ml




#21 AR-1248-1

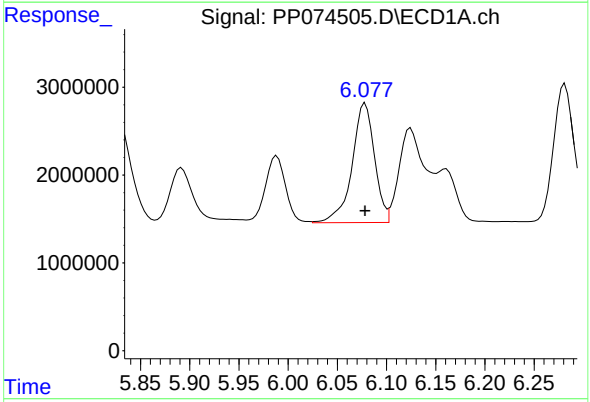
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 15422936
Conc: 500.00 ng/ml

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



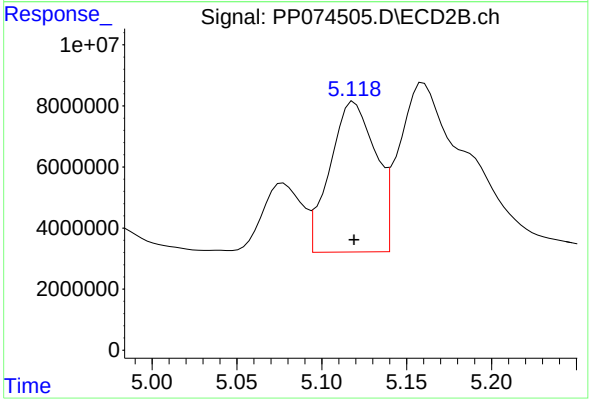

#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 147055095
Conc: 500.00 ng/ml



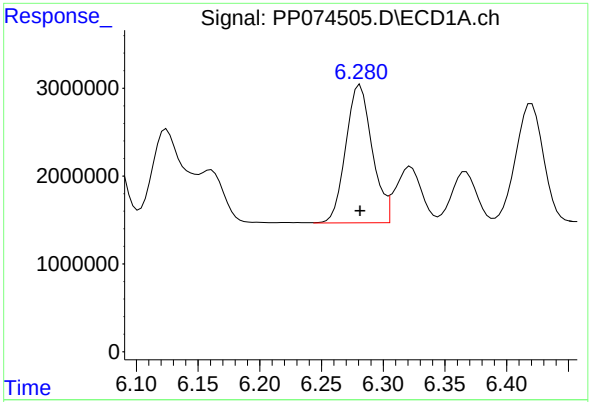

#22 AR-1248-2

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 21605843
Conc: 500.00 ng/ml




#22 AR-1248-2

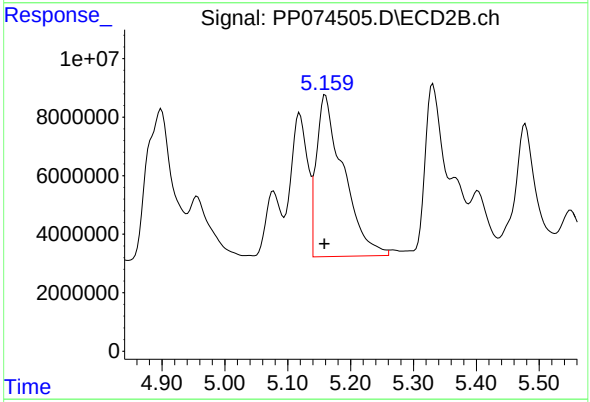
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 92083909
Conc: 500.00 ng/ml




#23 AR-1248-3

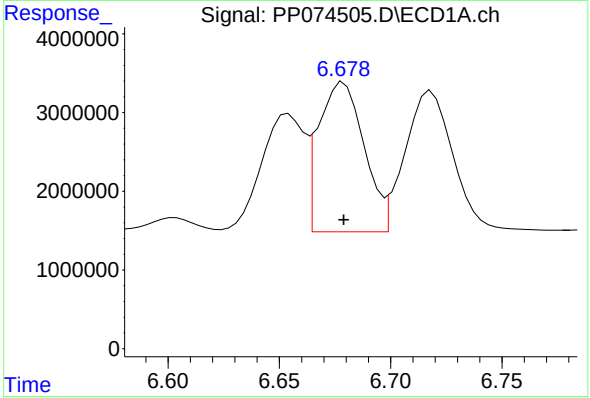
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 23408730
Conc: 500.00 ng/ml

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



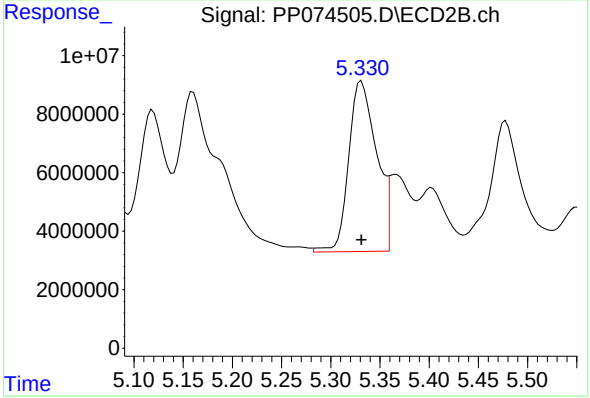

#23 AR-1248-3

R.T.: 5.160 min
Delta R.T.: 0.001 min
Response: 164774152
Conc: 723.89 ng/ml



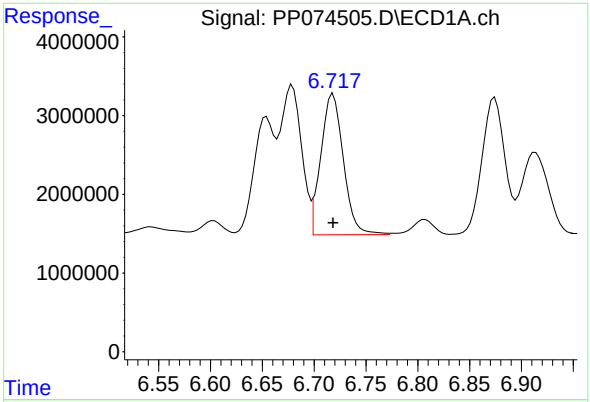

#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 27209215
Conc: 500.00 ng/ml




#24 AR-1248-4

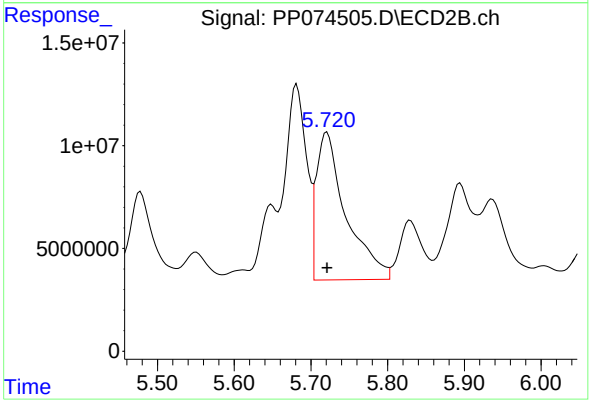
R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 114798132
Conc: 500.00 ng/ml




#25 AR-1248-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 27049432
Conc: 500.00 ng/ml

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




#25 AR-1248-5

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 193298180
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:05
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.657 | 3.800 | 31924312 | 118.9E6 | 26.591 | 24.146 |
| 2) | SA Decachlor... | 10.436 | 8.815 | 29199630 | 195.8E6 | 27.264 | 24.994 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.808 | 4.899 | 8518595 | 71878916 | 276.166 | 244.395 |
| 22) | L5 AR-1248-2 | 6.080 | 5.119 | 12195931 | 47171019 | 282.237 | 256.131 |
| 23) | L5 AR-1248-3 | 6.282 | 5.160 | 12988856 | 82985642 | 277.436 | 364.574 # |
| 24) | L5 AR-1248-4 | 6.680 | 5.333 | 15166776 | 55484288 | 278.707 | 241.660 |
| 25) | L5 AR-1248-5 | 6.719 | 5.722 | 15479077 | 98298762 | 286.126 | 254.267 |

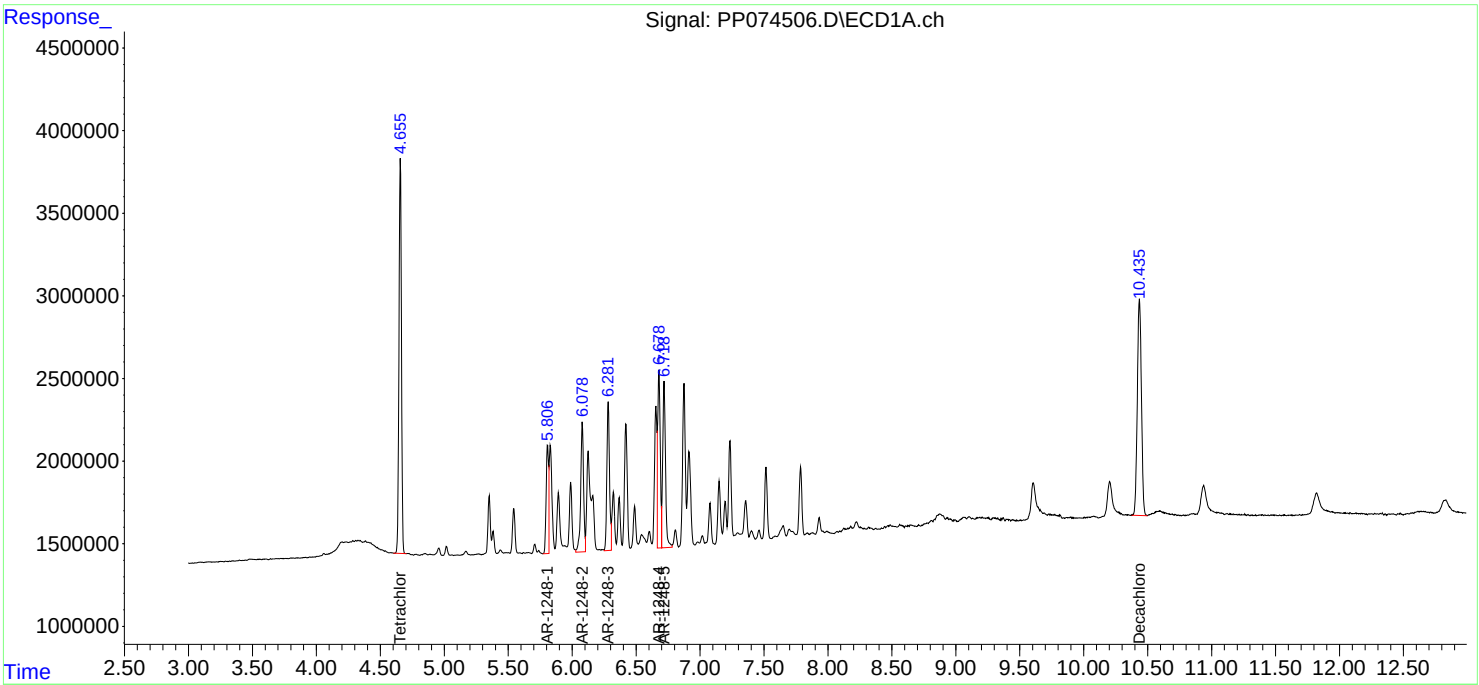
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

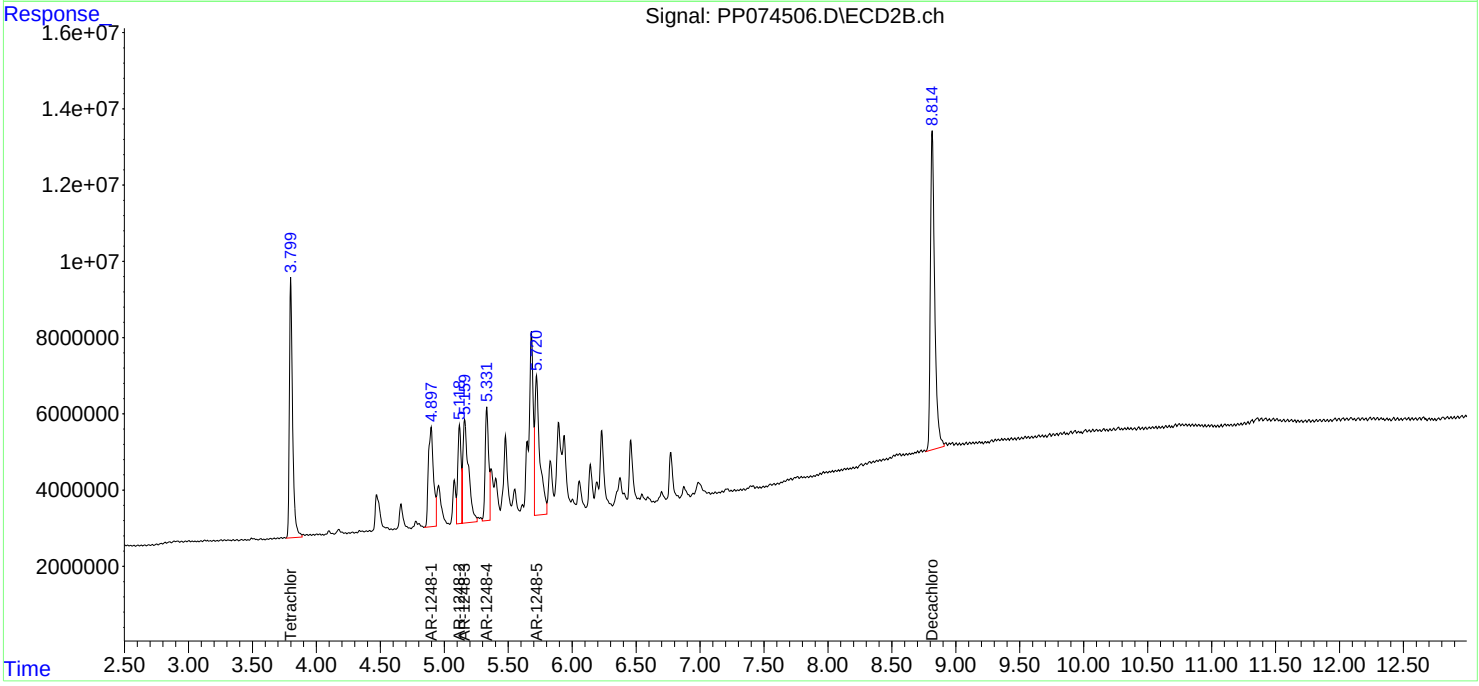
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:05
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

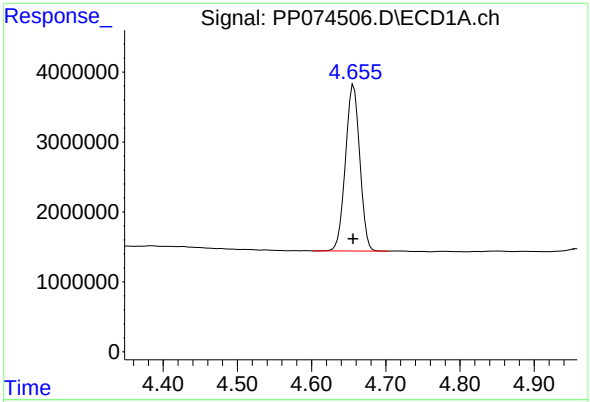
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



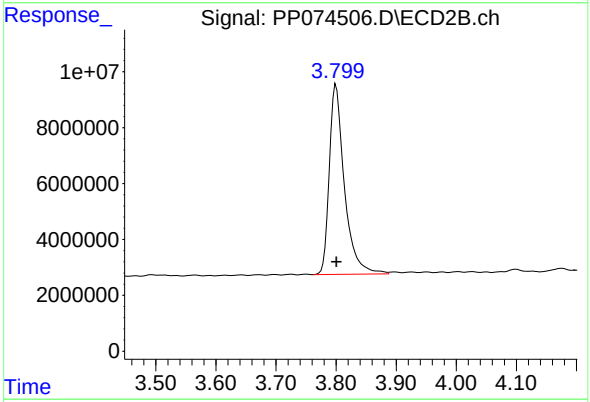






#1 Tetrachloro-m-xylene

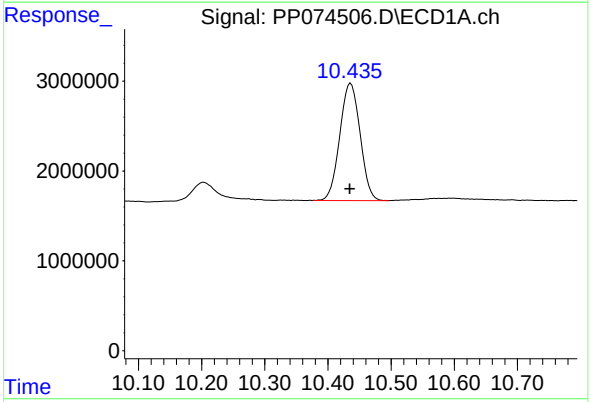
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 31924312
Conc: 26.59 ng/ml

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



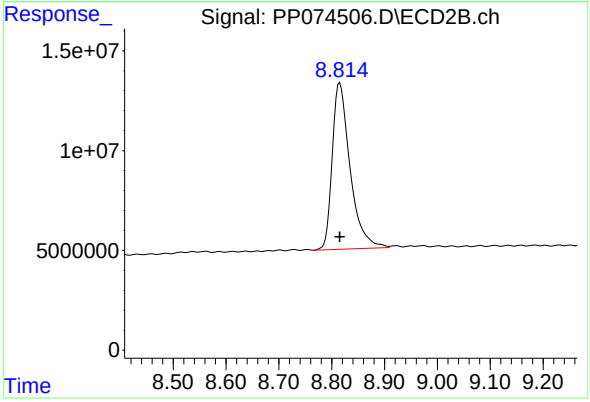

#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 118859923
Conc: 24.15 ng/ml



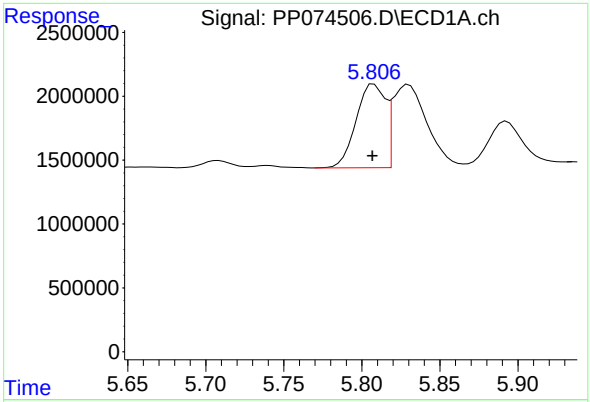

#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.001 min
Response: 29199630
Conc: 27.26 ng/ml




#2 Decachlorobiphenyl

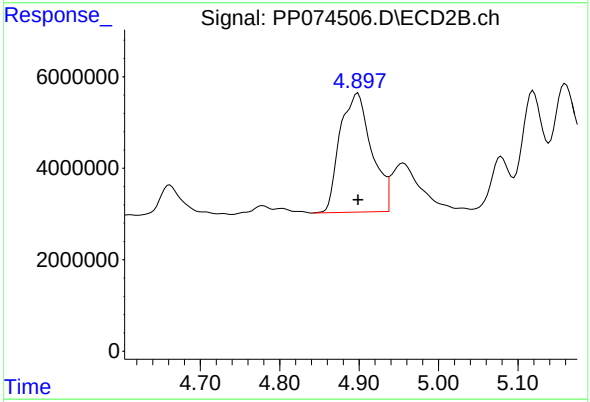
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 195760353
Conc: 24.99 ng/ml




#21 AR-1248-1

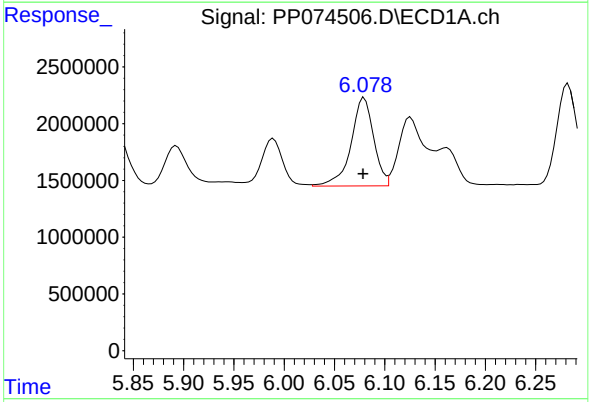
R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 8518595
Conc: 276.17 ng/ml

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



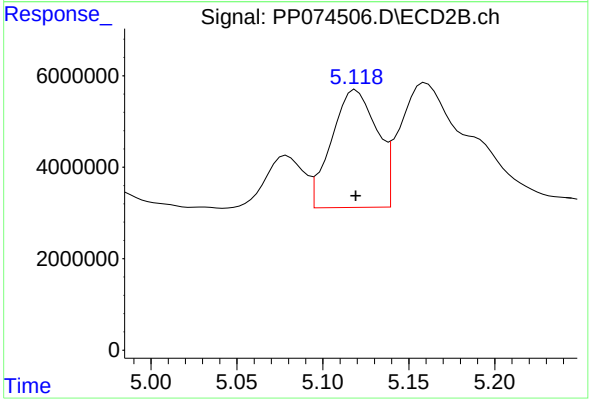

#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 71878916
Conc: 244.39 ng/ml



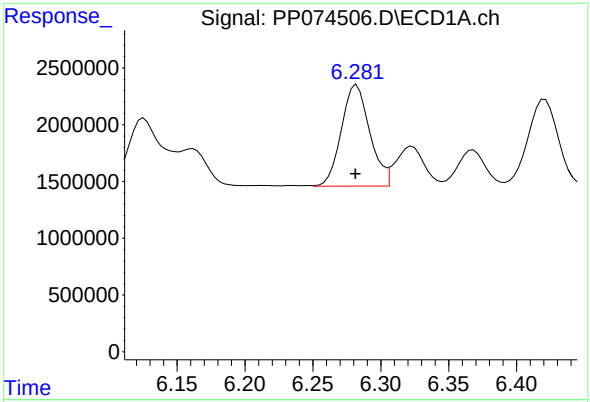

#22 AR-1248-2

R.T.: 6.080 min
Delta R.T.: 0.001 min
Response: 12195931
Conc: 282.24 ng/ml




#22 AR-1248-2

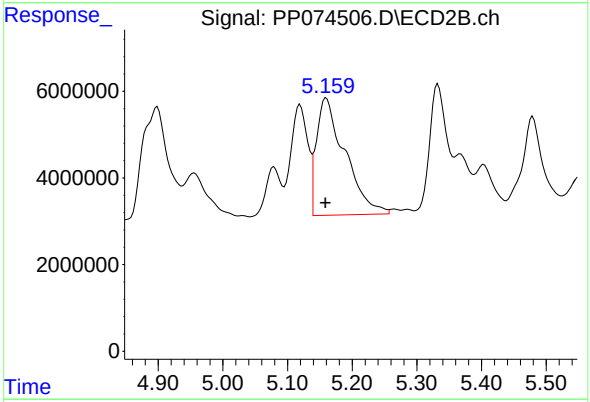
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 47171019
Conc: 256.13 ng/ml




#23 AR-1248-3

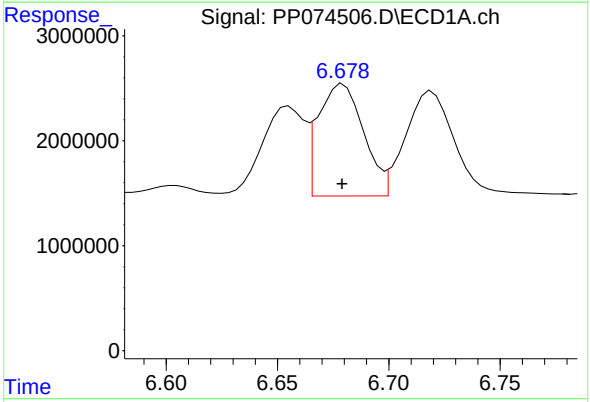
R.T.: 6.282 min
Delta R.T.: 0.001 min
Response: 12988856
Conc: 277.44 ng/ml

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



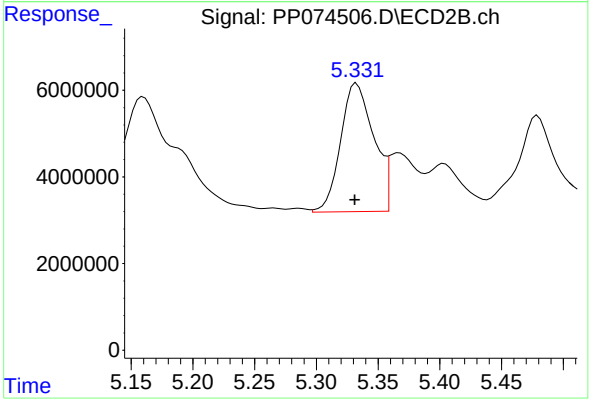

#23 AR-1248-3

R.T.: 5.160 min
Delta R.T.: 0.001 min
Response: 82985642
Conc: 364.57 ng/ml



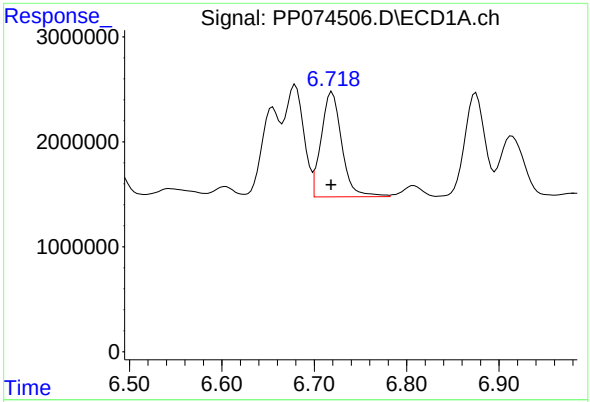

#24 AR-1248-4

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 15166776
Conc: 278.71 ng/ml




#24 AR-1248-4

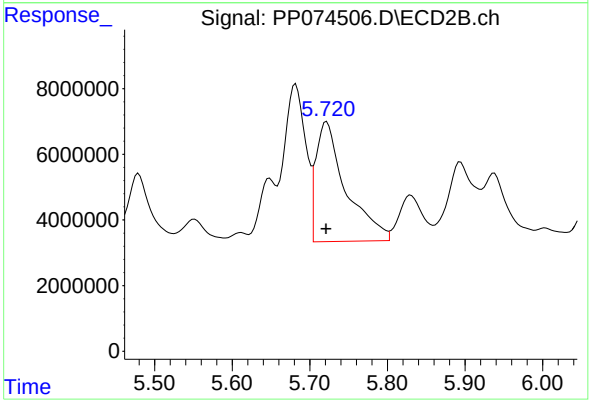
R.T.: 5.333 min
Delta R.T.: 0.001 min
Response: 55484288
Conc: 241.66 ng/ml




#25 AR-1248-5

R.T.: 6.719 min
Delta R.T.: 0.001 min
Response: 15479077
Conc: 286.13 ng/ml

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




#25 AR-1248-5

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 98298762
Conc: 254.27 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:21
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.655 | 3.799 | 6057310 | 15338885 | 5.045 | 3.116 # |
| 2) | SA Decachlor... | 10.435 | 8.816 | 5286868 | 30885168 | 4.936 | 3.943 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 5.807 | 4.899 | 1548436 | 12465555 | 50.199 | 42.384 |
| 22) | L5 AR-1248-2 | 6.078 | 5.120 | 2622328 | 8175959 | 60.686 | 44.394 # |
| 23) | L5 AR-1248-3 | 6.281 | 5.159 | 2475589 | 11167270 | 52.877 | 49.060 |
| 24) | L5 AR-1248-4 | 6.678 | 5.331 | 3072323 | 10019619 | 56.457 | 43.640 |
| 25) | L5 AR-1248-5 | 6.718 | 5.721 | 3901592 | 13405394 | 72.120 | 34.675 # |

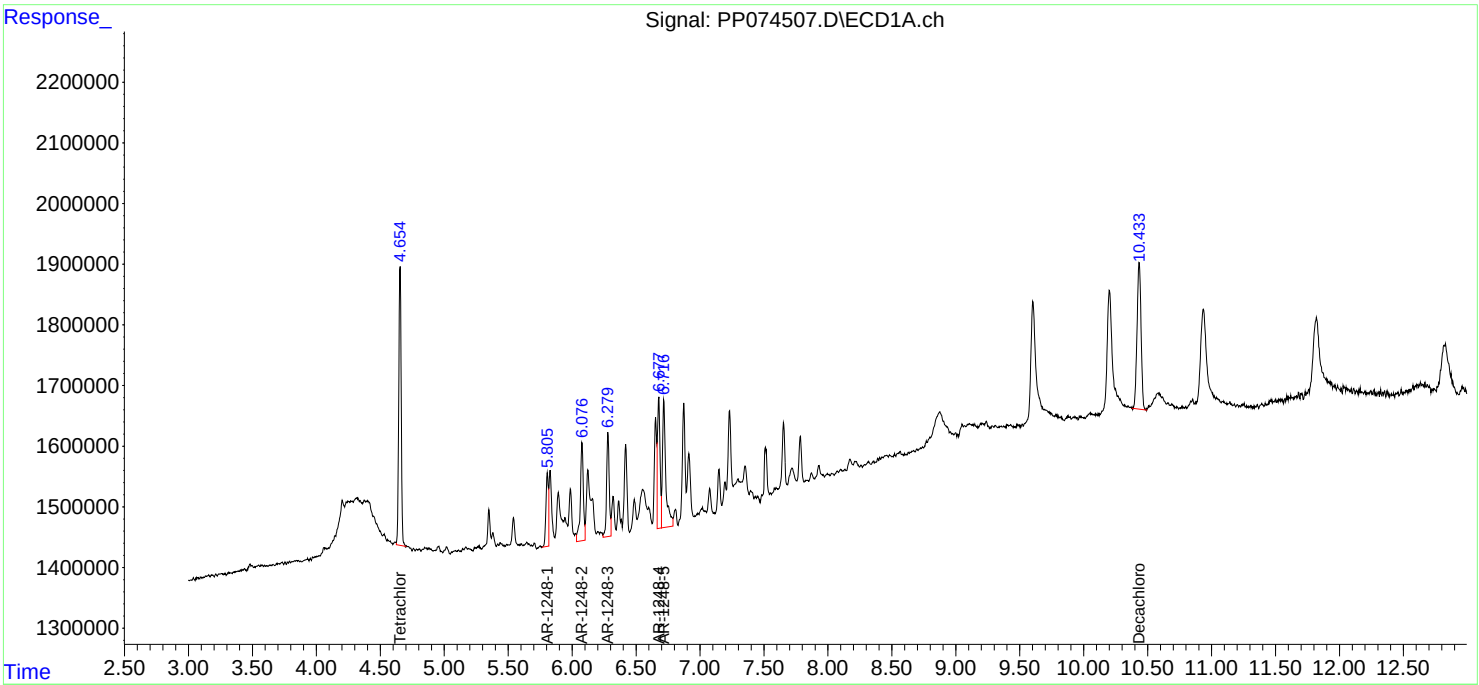
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

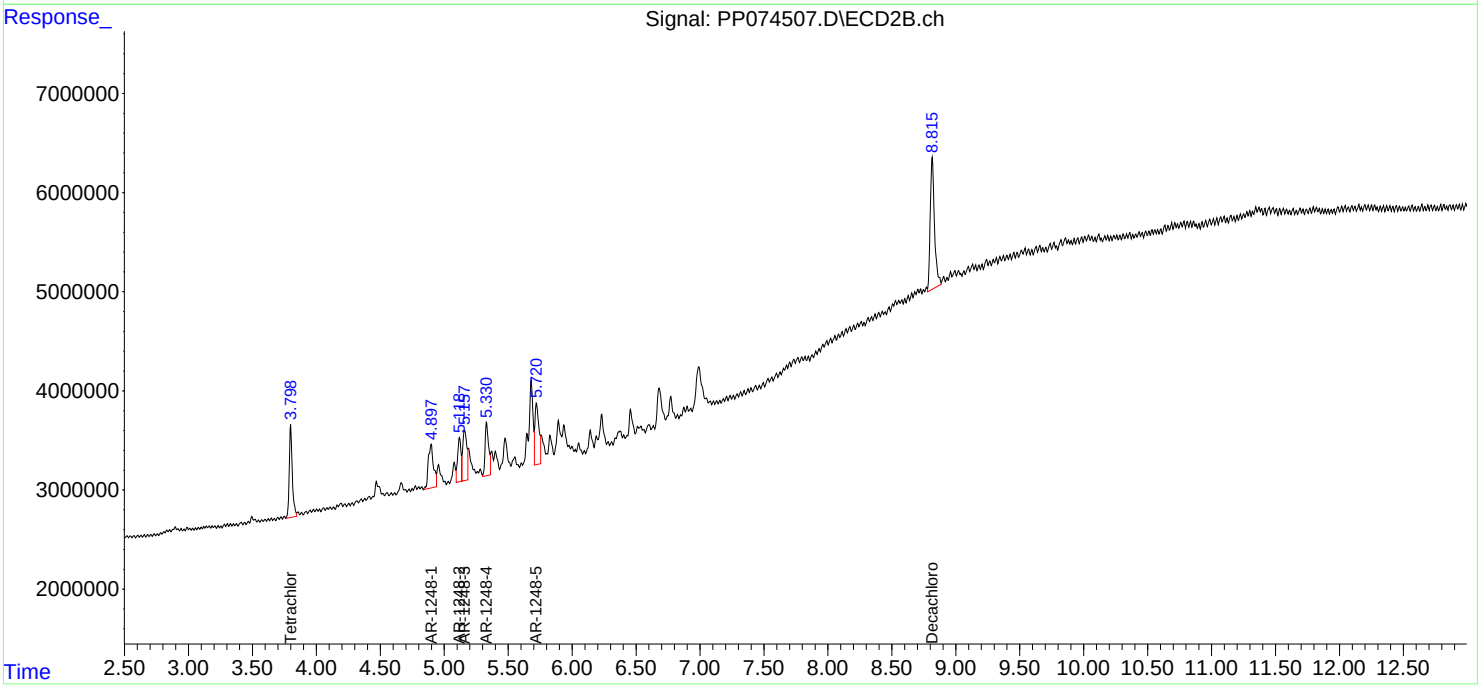
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:21
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

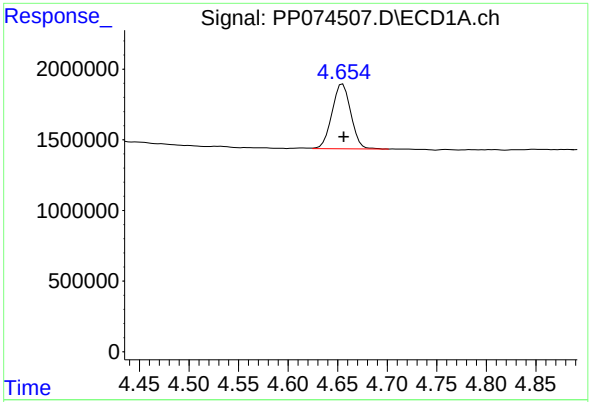
**Instrument :**
ECD_P
**ClientSampleId :**
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



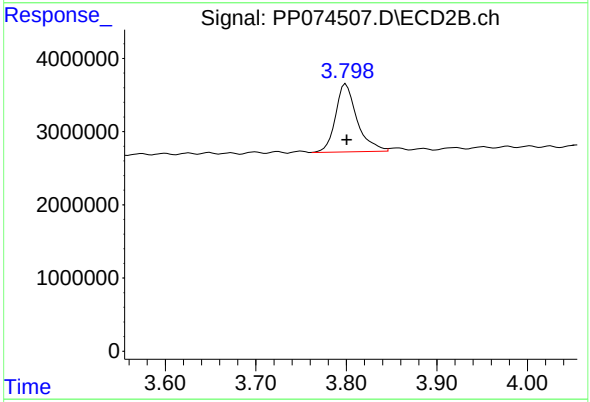






#1 Tetrachloro-m-xylene

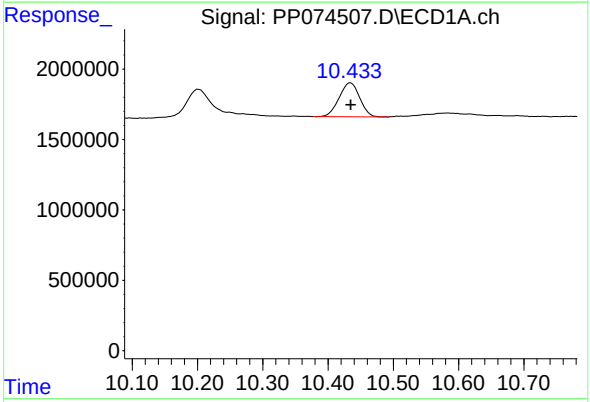
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 6057310
Conc: 5.05 ng/ml

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



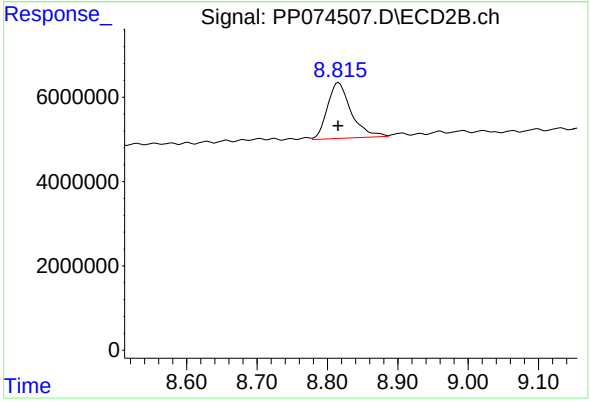

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 15338885
Conc: 3.12 ng/ml



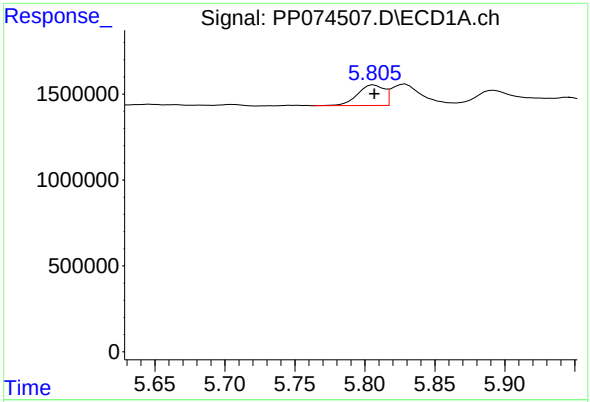

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 5286868
Conc: 4.94 ng/ml




#2 Decachlorobiphenyl

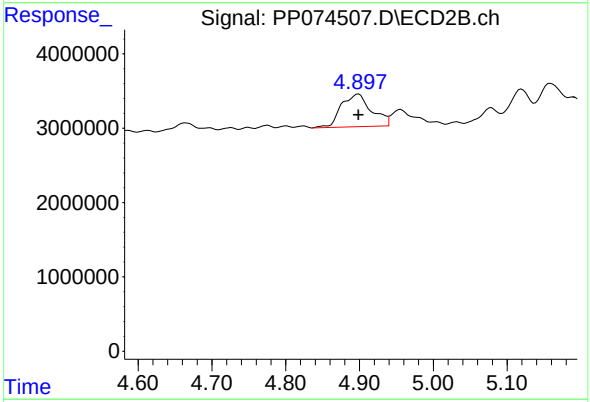
R.T.: 8.816 min
Delta R.T.: 0.000 min
Response: 30885168
Conc: 3.94 ng/ml




#21 AR-1248-1

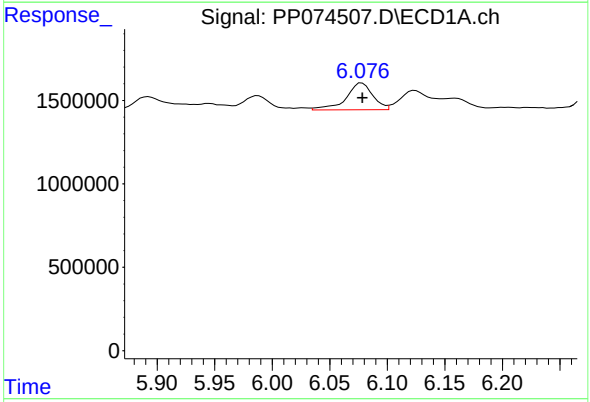
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 1548436
Conc: 50.20 ng/ml

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



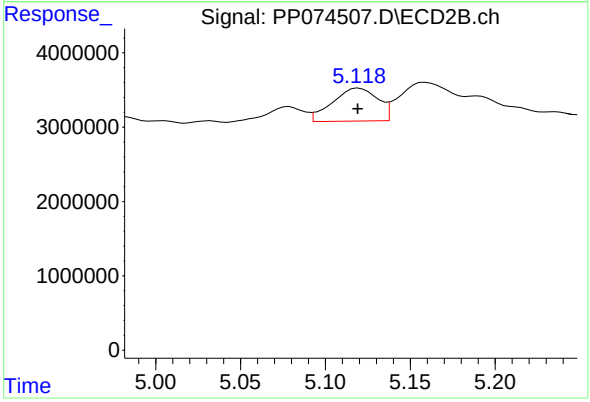

#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 12465555
Conc: 42.38 ng/ml



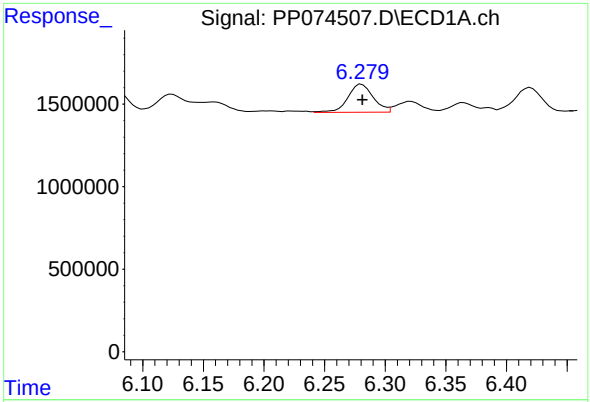

#22 AR-1248-2

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 2622328
Conc: 60.69 ng/ml




#22 AR-1248-2

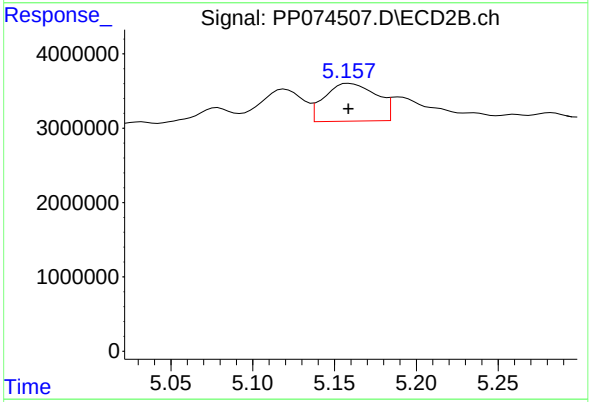
R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 8175959
Conc: 44.39 ng/ml




#23 AR-1248-3

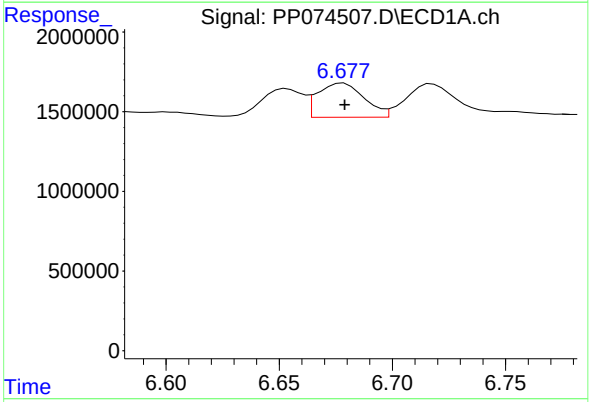
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 2475589
Conc: 52.88 ng/ml

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



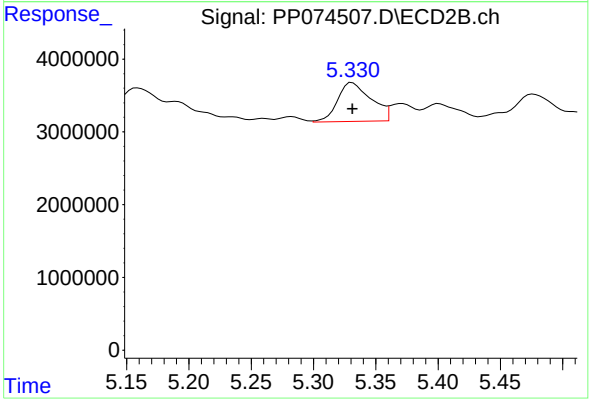

#23 AR-1248-3

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 11167270
Conc: 49.06 ng/ml



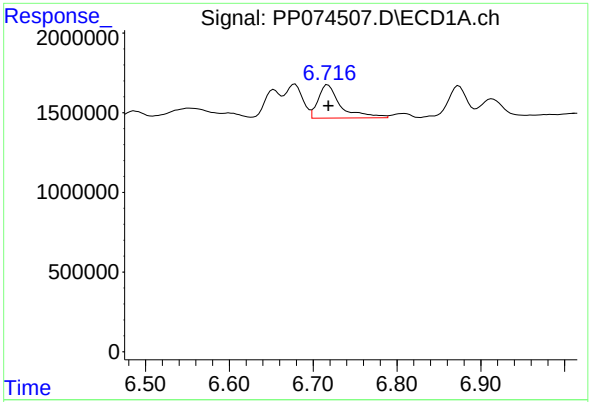

#24 AR-1248-4

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 3072323
Conc: 56.46 ng/ml




#24 AR-1248-4

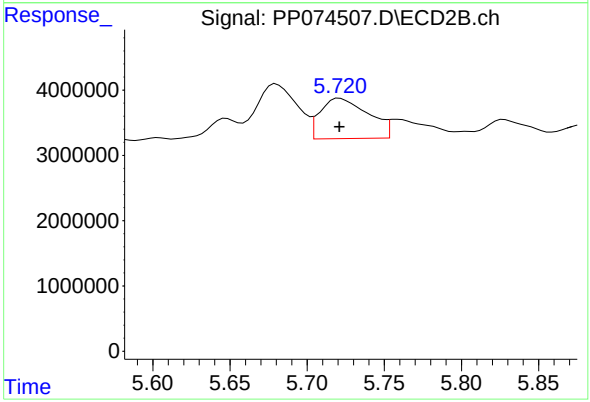
R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 10019619
Conc: 43.64 ng/ml




#25 AR-1248-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 3901592
Conc: 72.12 ng/ml

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




#25 AR-1248-5

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 13405394
Conc: 34.68 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:37
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:23:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.659 | 3.803 | 107.5E6 | 508.3E6 | 90.613 | 102.092 |
| 2) | SA Decachlor... | 10.437 | 8.817 | 95581017 | 757.0E6 | 91.315 | 99.926 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.659 | 5.685 | 69623831 | 450.8E6 | 1182.158 | 912.704 |
| 27) | L6 AR-1254-2 | 6.875 | 5.832 | 68997007 | 327.6E6 | 867.960 | 937.272 |
| 28) | L6 AR-1254-3 | 7.237 | 6.235 | 75433146 | 632.2E6 | 882.576 | 952.736 |
| 29) | L6 AR-1254-4 | 7.518 | 6.462 | 56817907 | 465.7E6 | 882.596 | 941.555 |
| 30) | L6 AR-1254-5 | 7.935 | 6.878 | 71518563 | 564.5E6 | 880.319 | 1130.787 # |

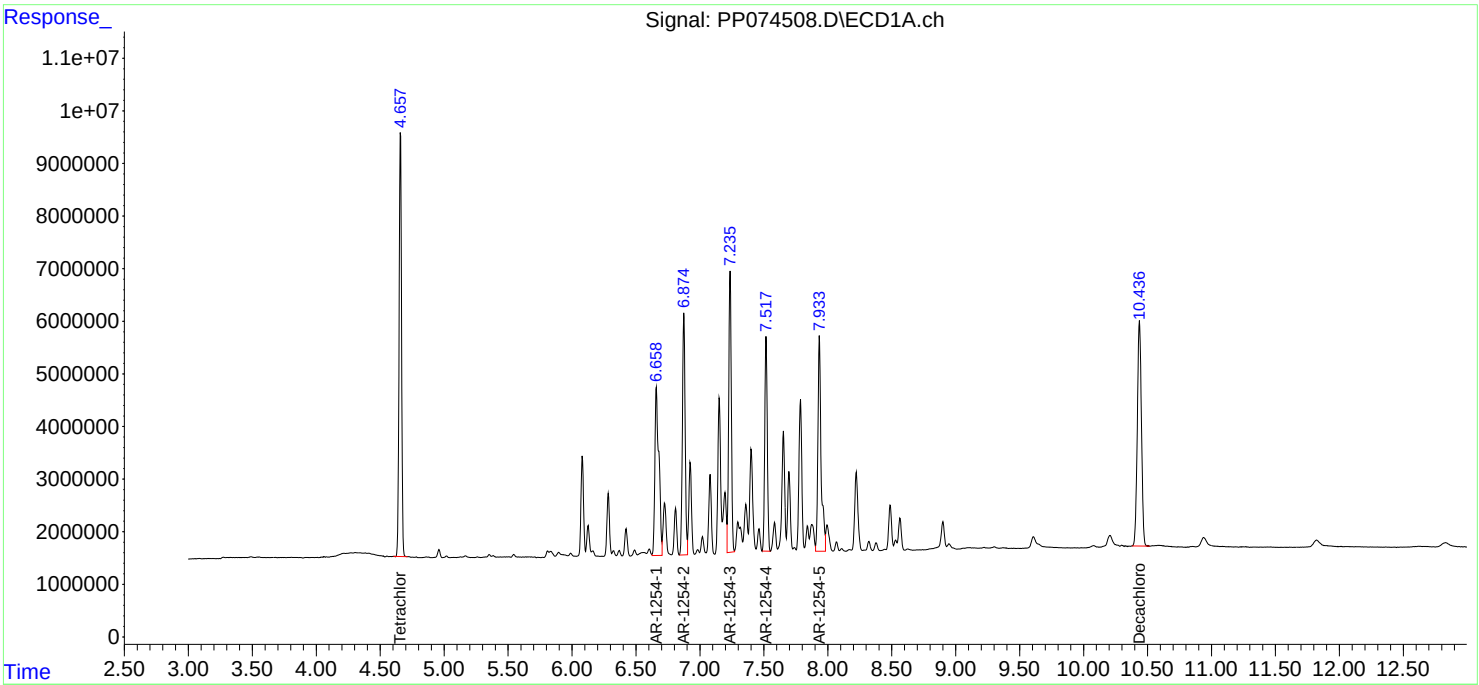
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

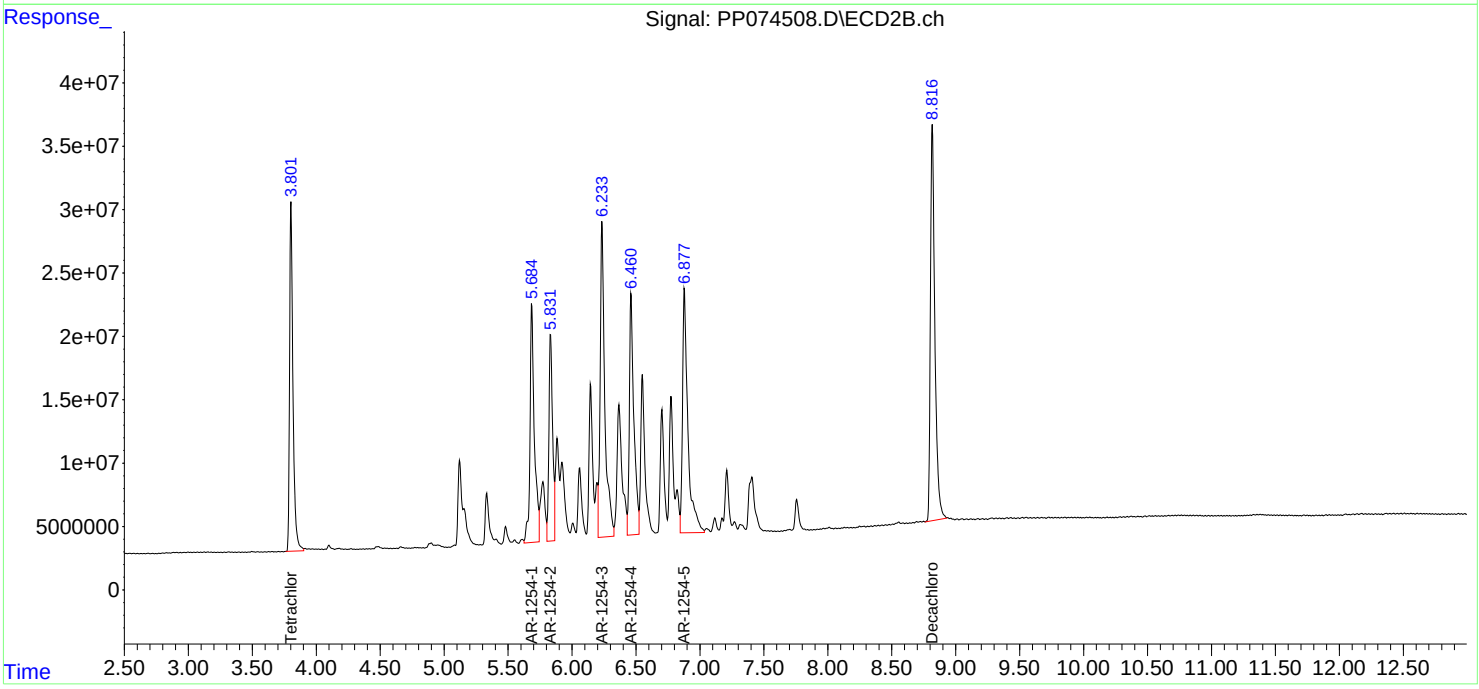
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:37
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

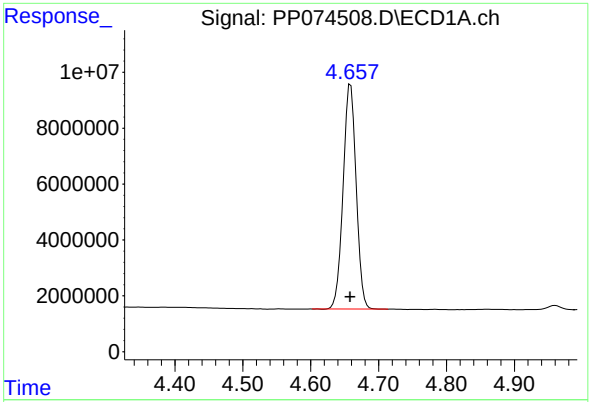
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:23:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



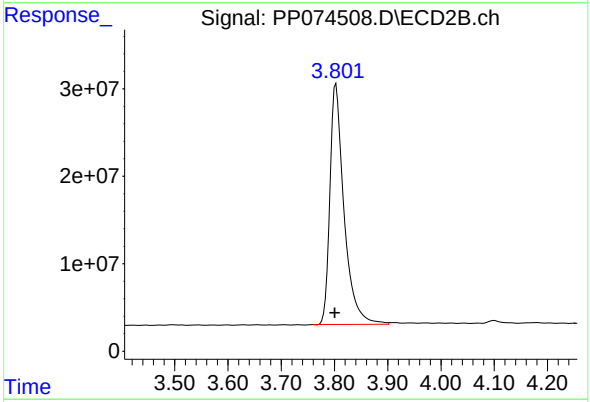






#1 Tetrachloro-m-xylene

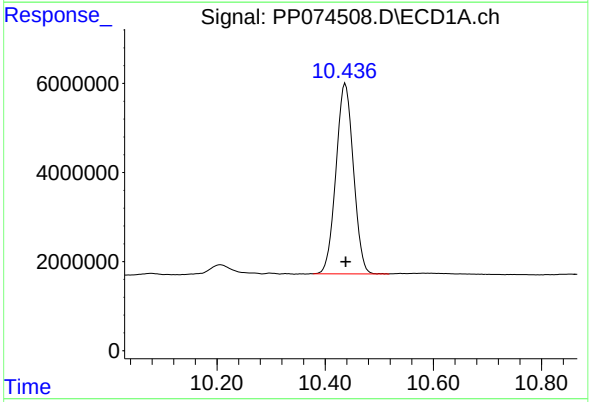
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 107489552
Conc: 90.61 ng/ml

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



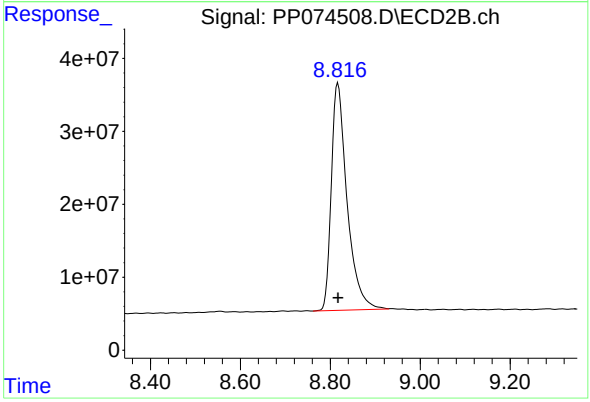

#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.002 min
Response: 508319801
Conc: 102.09 ng/ml



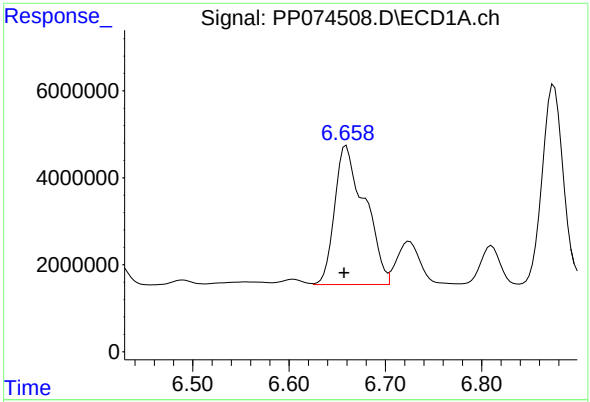

#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 95581017
Conc: 91.32 ng/ml




#2 Decachlorobiphenyl

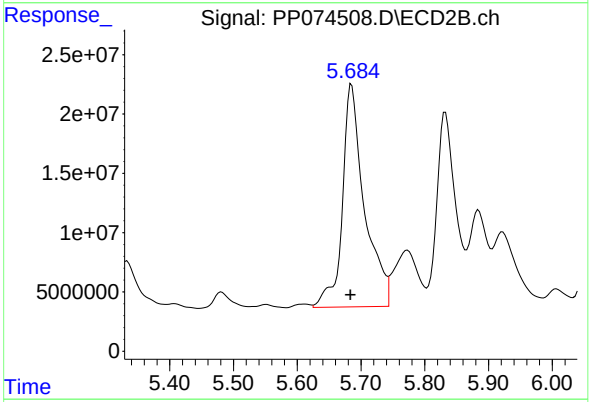
R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 757029286
Conc: 99.93 ng/ml




#26 AR-1254-1

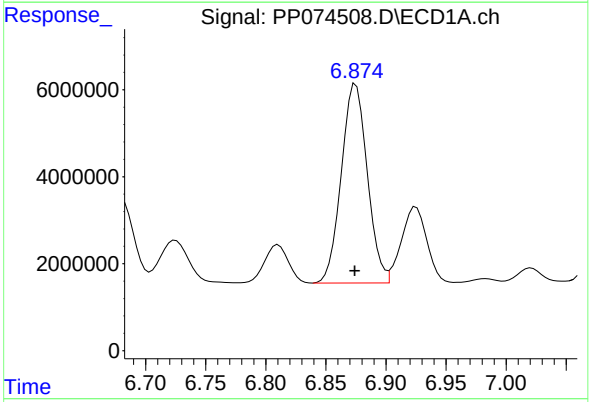
R.T.: 6.659 min
Delta R.T.: 0.002 min
Response: 69623831
Conc: 1182.16 ng/m

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



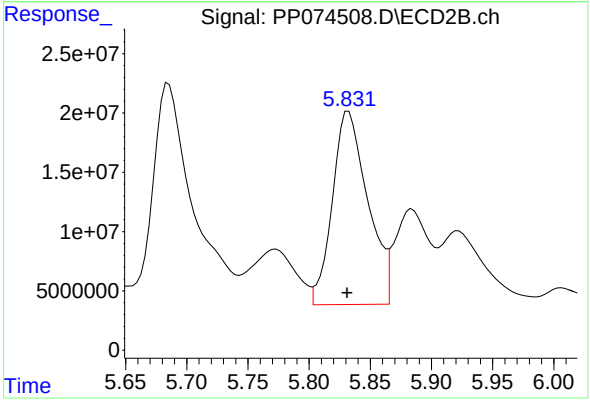

#26 AR-1254-1

R.T.: 5.685 min
Delta R.T.: 0.001 min
Response: 450774429
Conc: 912.70 ng/ml



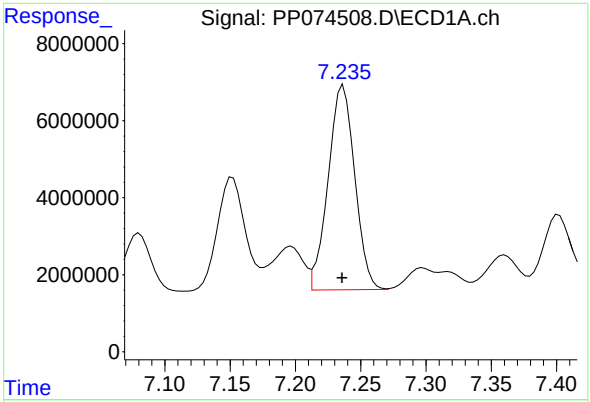

#27 AR-1254-2

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 68997007
Conc: 867.96 ng/ml




#27 AR-1254-2

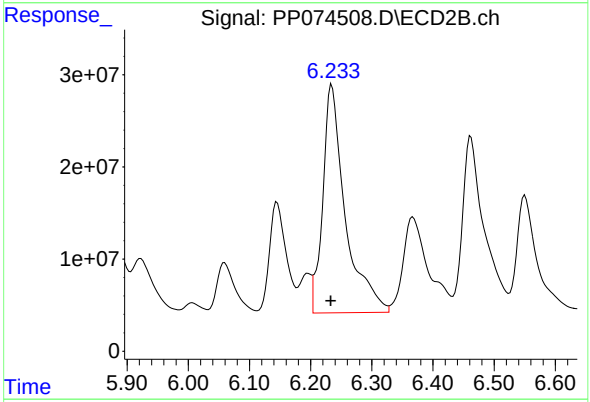
R.T.: 5.832 min
Delta R.T.: 0.001 min
Response: 327603431
Conc: 937.27 ng/ml




#28 AR-1254-3

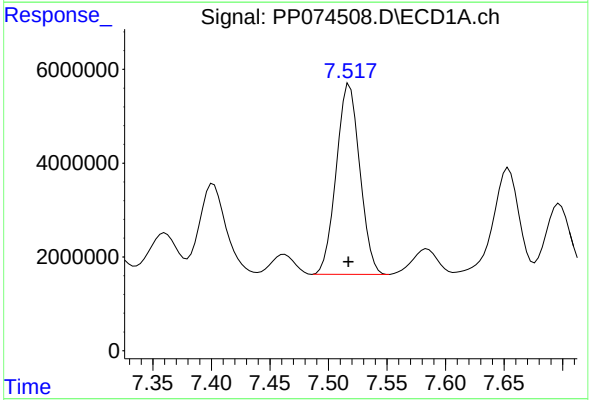
R.T.: 7.237 min
Delta R.T.: 0.001 min
Response: 75433146
Conc: 882.58 ng/ml

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



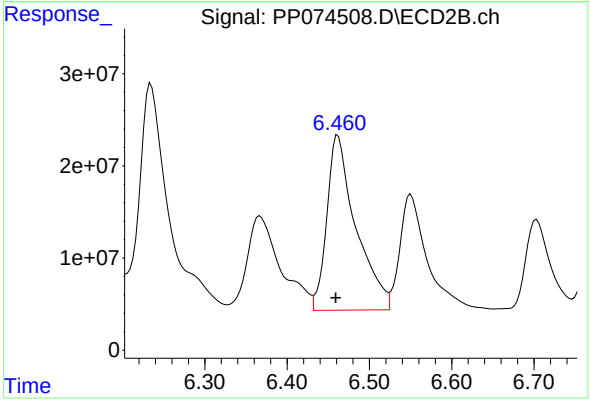

#28 AR-1254-3

R.T.: 6.235 min
Delta R.T.: 0.001 min
Response: 632195702
Conc: 952.74 ng/ml



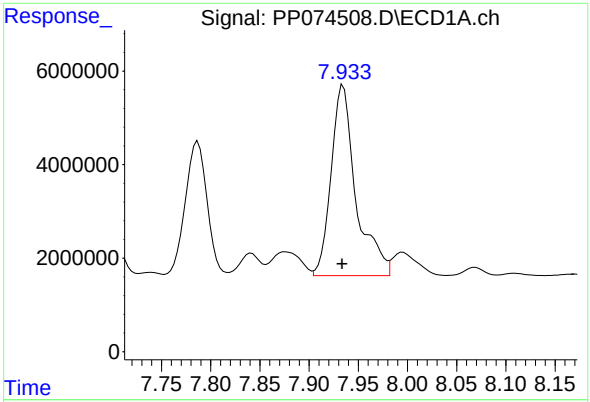

#29 AR-1254-4

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 56817907
Conc: 882.60 ng/ml




#29 AR-1254-4

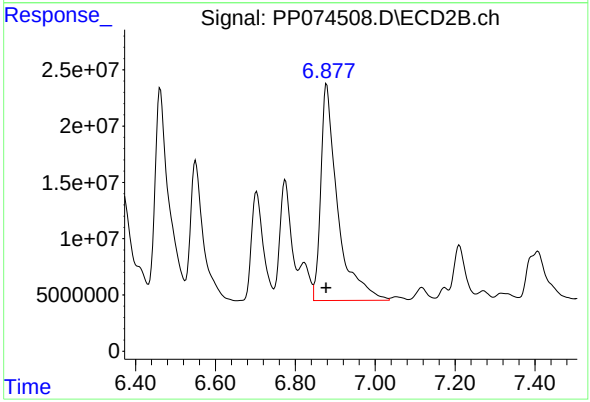
R.T.: 6.462 min
Delta R.T.: 0.003 min
Response: 465715221
Conc: 941.55 ng/ml




#30 AR-1254-5

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 71518563
Conc: 880.32 ng/ml

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




#30 AR-1254-5

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 564498757
Conc: 1130.79 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:53
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.657 | 3.801 | 84355338 | 368.0E6 | 71.111 | 73.905 |
| 2) | SA Decachlor... | 10.435 | 8.816 | 73886975 | 571.7E6 | 70.589 | 75.465 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.657 | 5.683 | 55937968 | 345.4E6 | 949.783 | 699.283 # |
| 27) | L6 AR-1254-2 | 6.873 | 5.830 | 55301971 | 262.7E6 | 695.681 | 751.609 |
| 28) | L6 AR-1254-3 | 7.235 | 6.232 | 60201798 | 489.0E6 | 704.368 | 736.926 |
| 29) | L6 AR-1254-4 | 7.516 | 6.459 | 45192418 | 356.9E6 | 702.008 | 721.543 |
| 30) | L6 AR-1254-5 | 7.932 | 6.876 | 57258258 | 450.7E6 | 704.789 | 902.924 # |

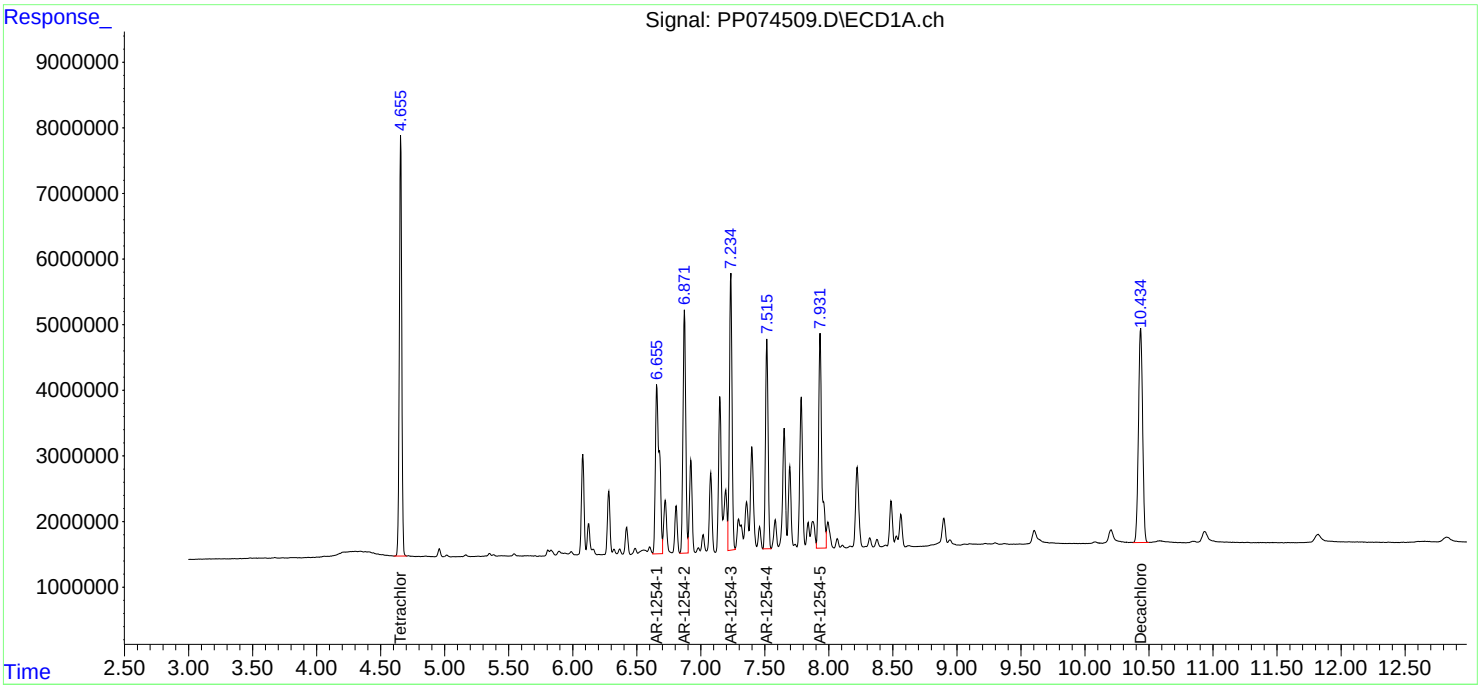
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

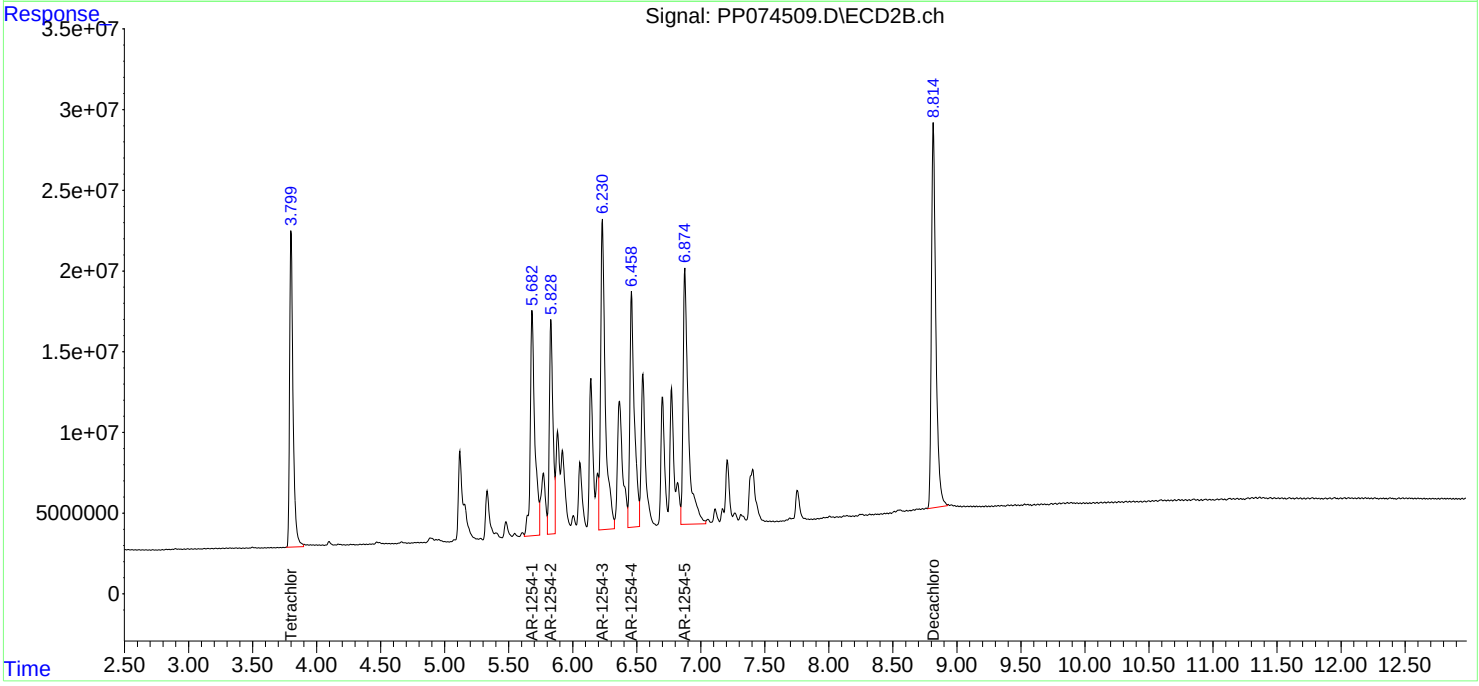
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:53
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

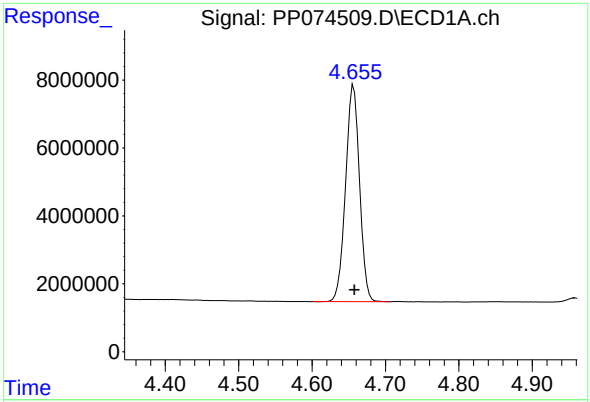
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



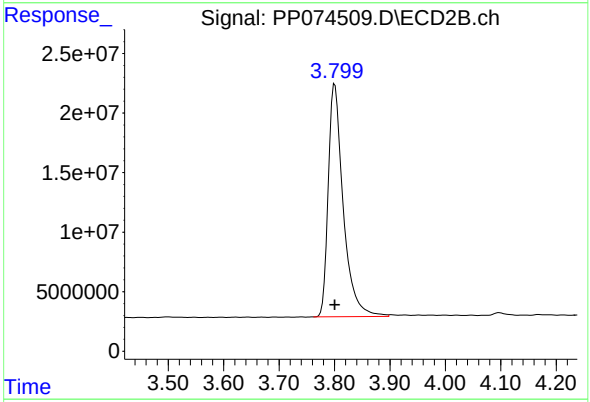






#1 Tetrachloro-m-xylene

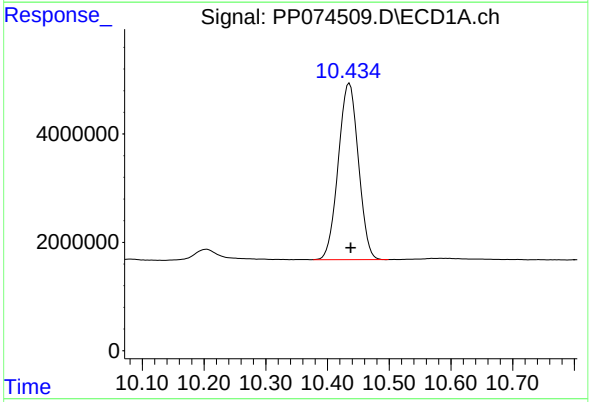
R.T.: 4.657 min
Delta R.T.: -0.001 min
Response: 84355338
Conc: 71.11 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750



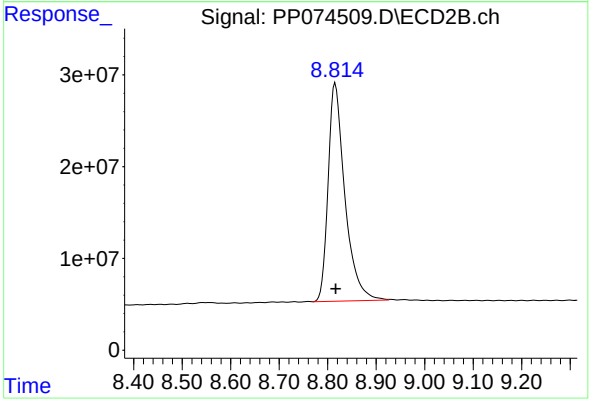

#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 367974801
Conc: 73.90 ng/ml



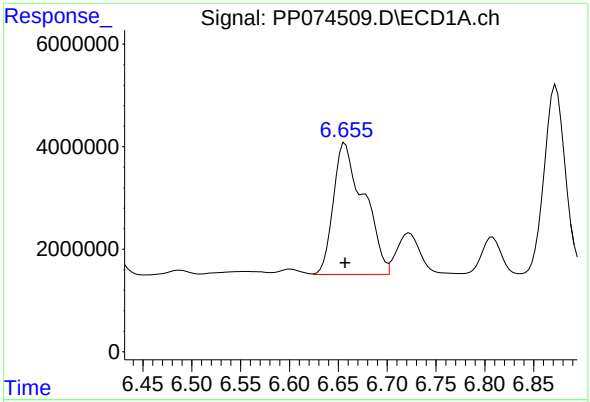

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 73886975
Conc: 70.59 ng/ml




#2 Decachlorobiphenyl

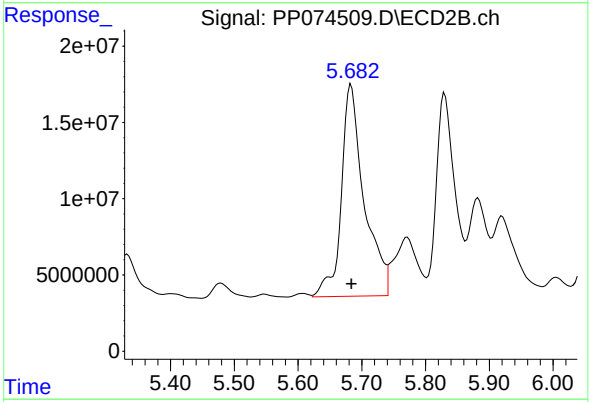
R.T.: 8.816 min
Delta R.T.: -0.001 min
Response: 571714548
Conc: 75.47 ng/ml




#26 AR-1254-1

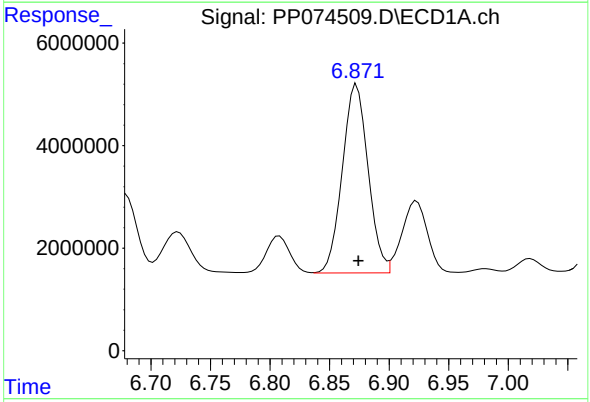
R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 55937968
Conc: 949.78 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750



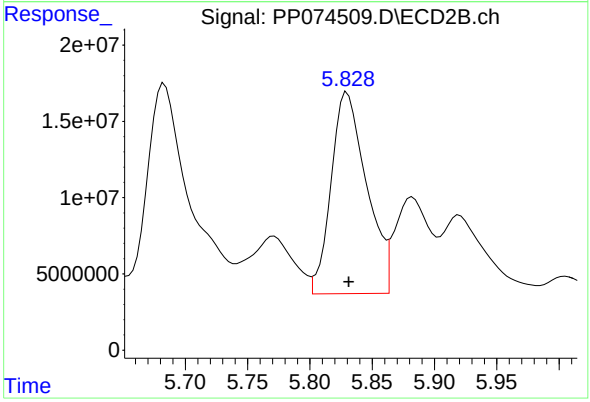

#26 AR-1254-1

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 345368367
Conc: 699.28 ng/ml



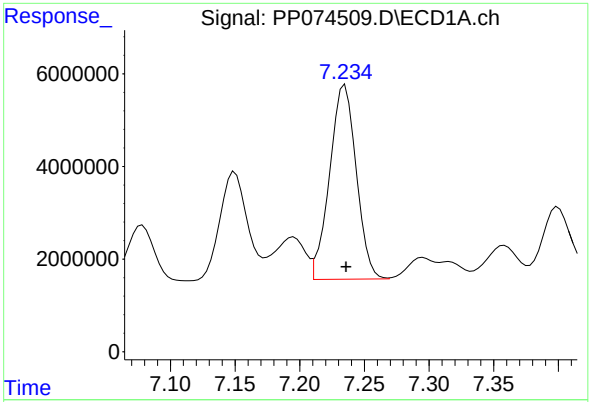

#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: -0.001 min
Response: 55301971
Conc: 695.68 ng/ml




#27 AR-1254-2

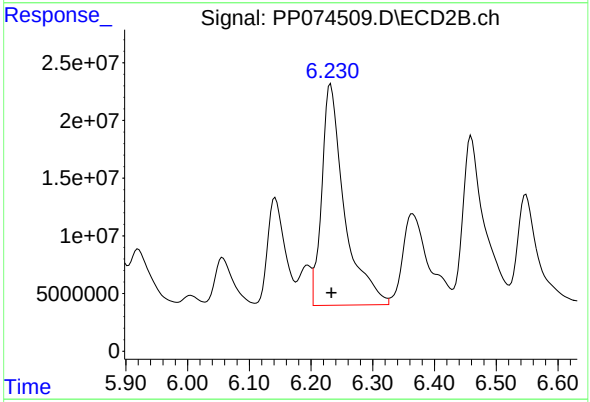
R.T.: 5.830 min
Delta R.T.: -0.001 min
Response: 262709061
Conc: 751.61 ng/ml




#28 AR-1254-3

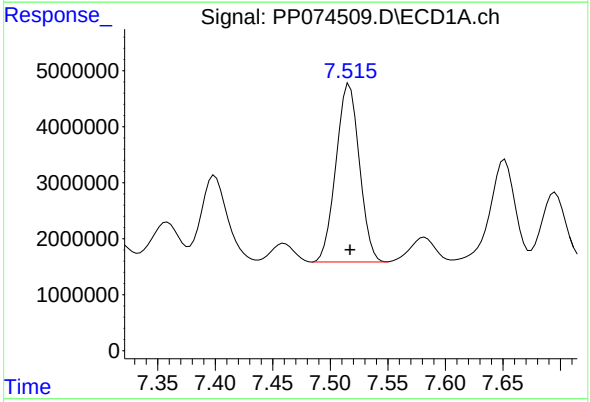
R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 60201798
Conc: 704.37 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750



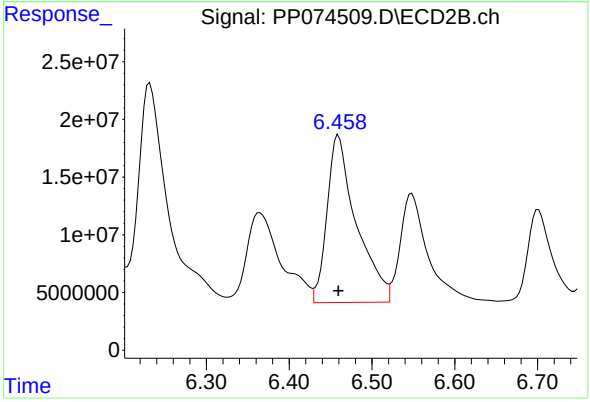

#28 AR-1254-3

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 488993494
Conc: 736.93 ng/ml



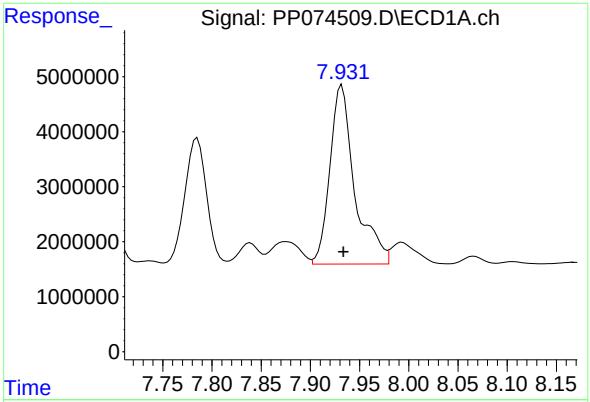

#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 45192418
Conc: 702.01 ng/ml




#29 AR-1254-4

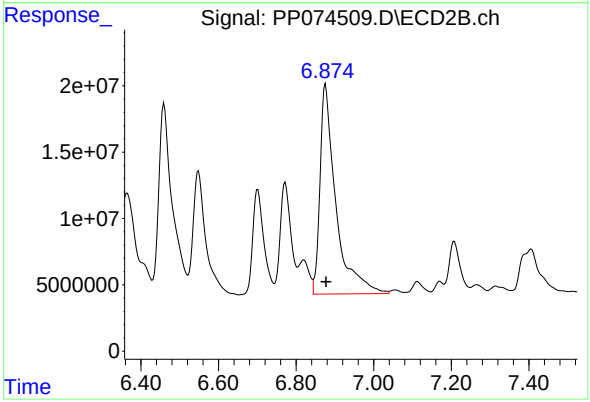
R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 356892319
Conc: 721.54 ng/ml




#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 57258258
Conc: 704.79 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC750




#30 AR-1254-5

R.T.: 6.876 min
Delta R.T.: -0.001 min
Response: 450747495
Conc: 902.92 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:10
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.658 | 3.801 | 59312230 | 249.0E6 | 50.000 | 50.000 |
| 2) | SA Decachlor... | 10.438 | 8.817 | 52335799 | 378.8E6 | 50.000 | 50.000 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.658 | 5.684 | 40372353 | 246.9E6 | 685.491 | 500.000 # |
| 27) | L6 AR-1254-2 | 6.874 | 5.831 | 39746657 | 174.8E6 | 500.000 | 500.000 |
| 28) | L6 AR-1254-3 | 7.236 | 6.233 | 42734643 | 331.8E6 | 500.000 | 500.000 |
| 29) | L6 AR-1254-4 | 7.517 | 6.459 | 32187957 | 247.3E6 | 500.000 | 500.000 |
| 30) | L6 AR-1254-5 | 7.934 | 6.877 | 40620840 | 249.6E6 | 500.000 | 500.000 |

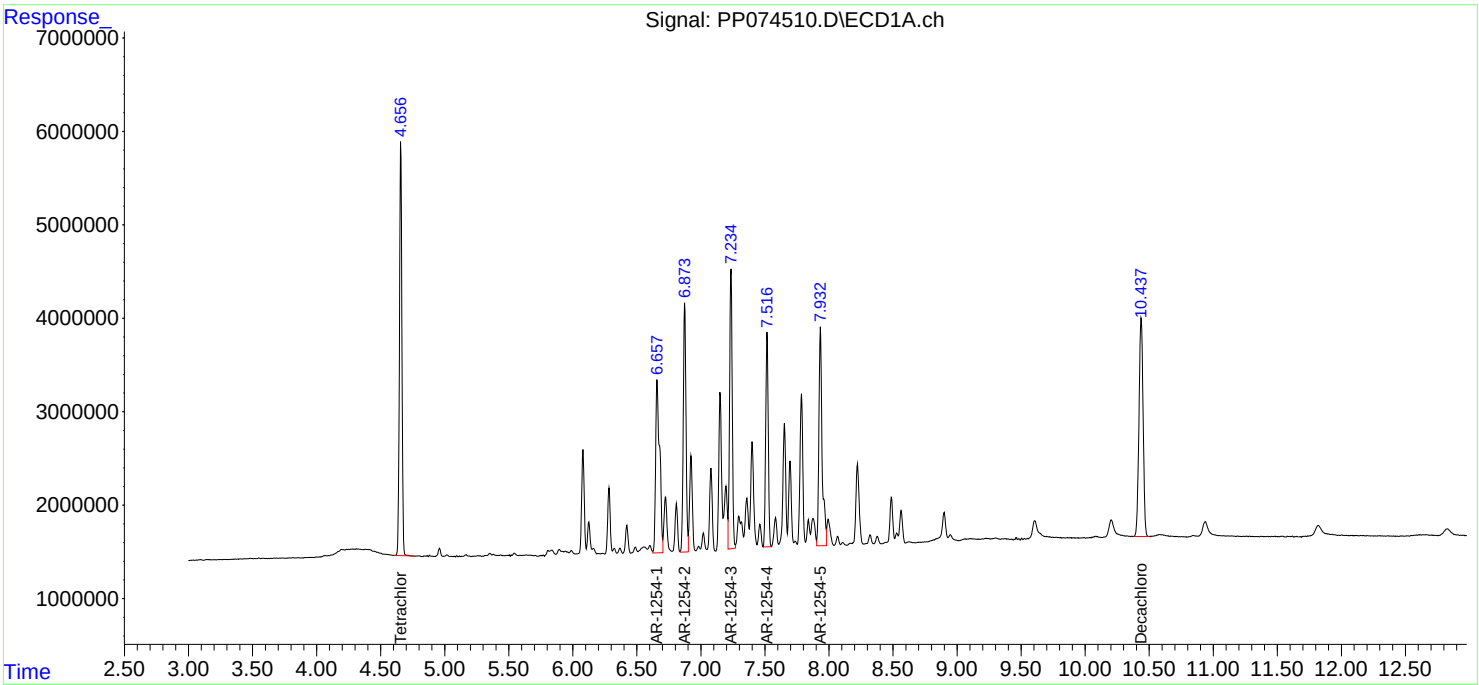
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

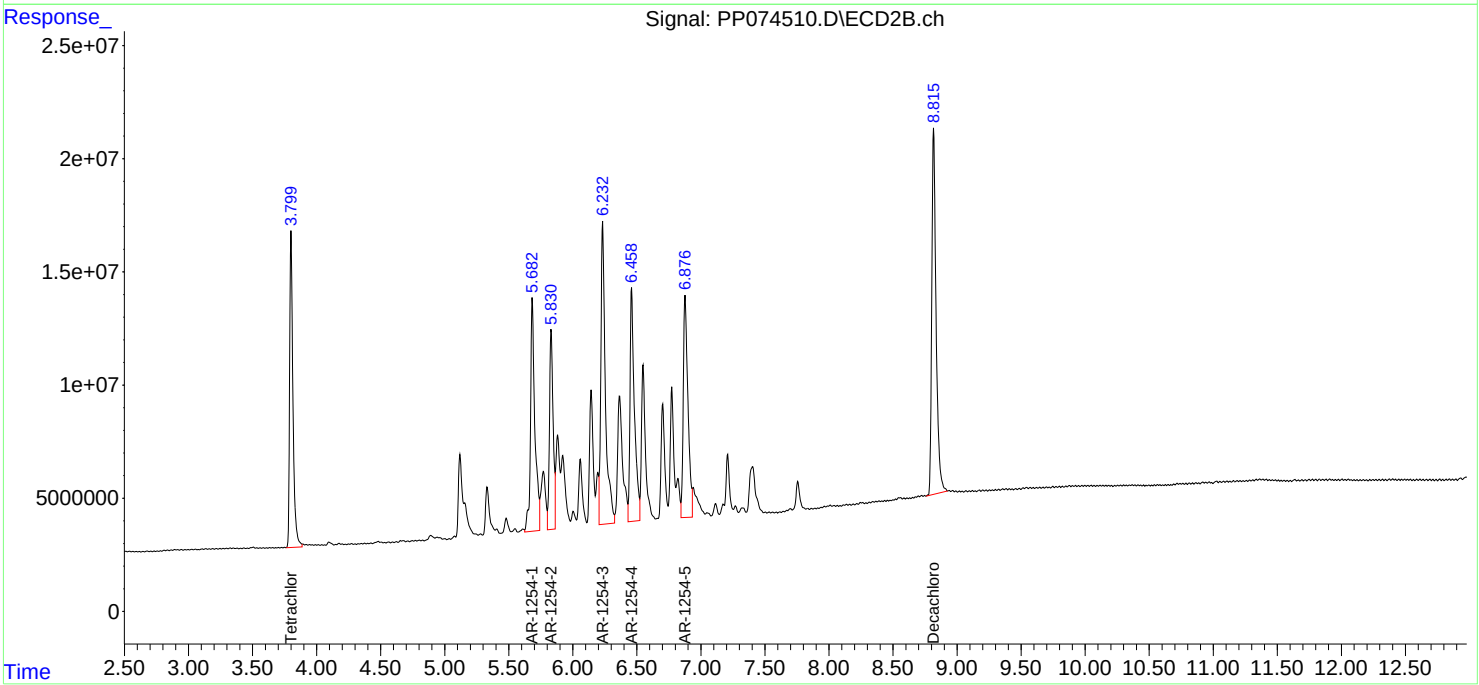
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:10
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

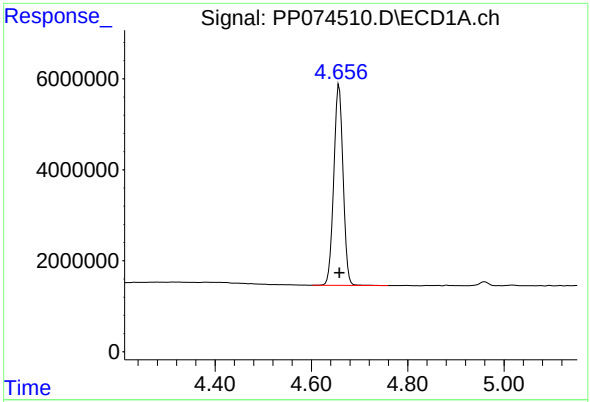
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



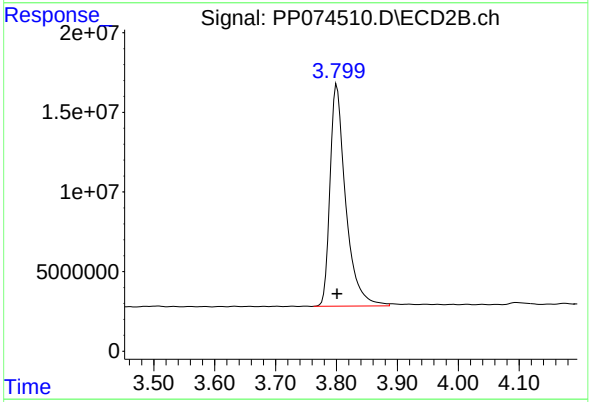






#1 Tetrachloro-m-xylene

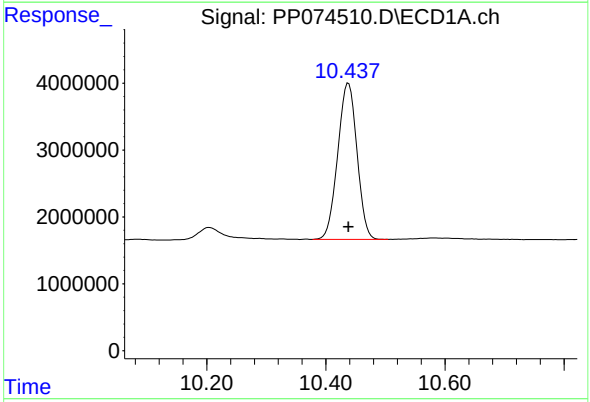
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 59312230
Conc: 50.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500



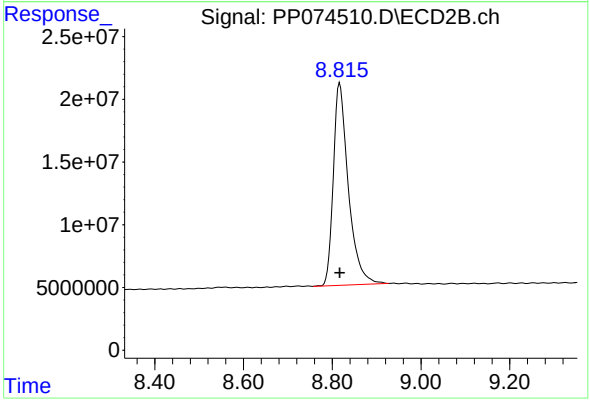

#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 248951660
Conc: 50.00 ng/ml



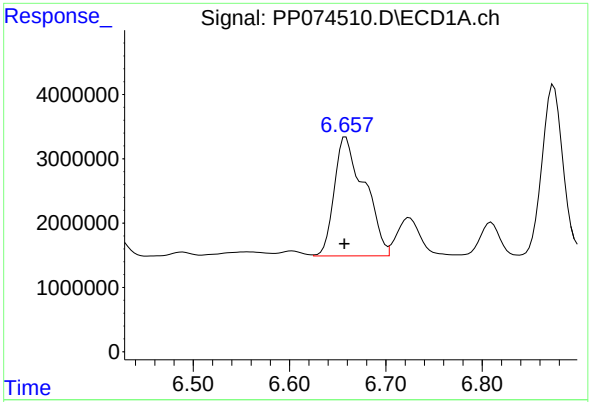

#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 52335799
Conc: 50.00 ng/ml




#2 Decachlorobiphenyl

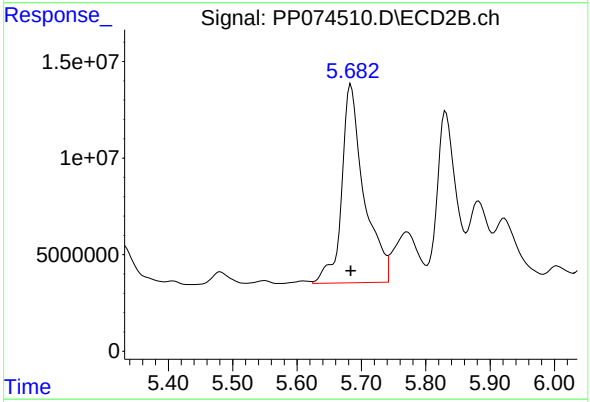
R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 378794188
Conc: 50.00 ng/ml




#26 AR-1254-1

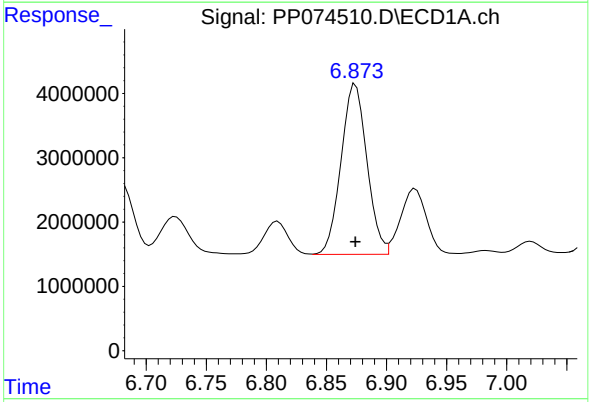
R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 40372353
Conc: 685.49 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500



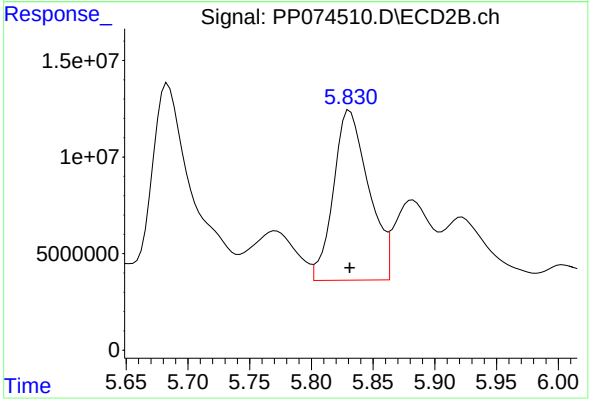

#26 AR-1254-1

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 246944521
Conc: 500.00 ng/ml



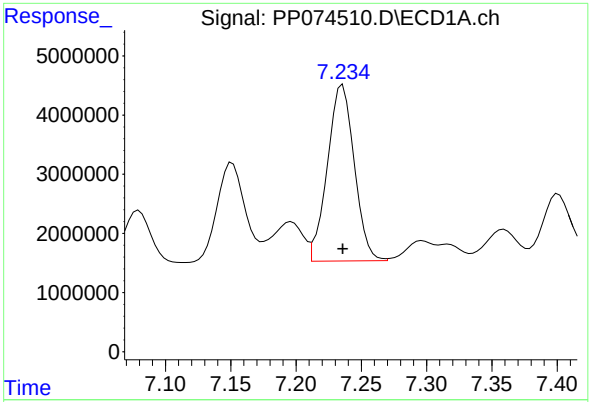

#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 39746657
Conc: 500.00 ng/ml




#27 AR-1254-2

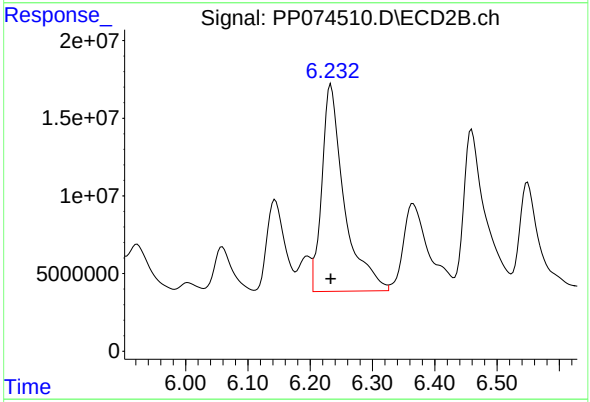
R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 174764355
Conc: 500.00 ng/ml




#28 AR-1254-3

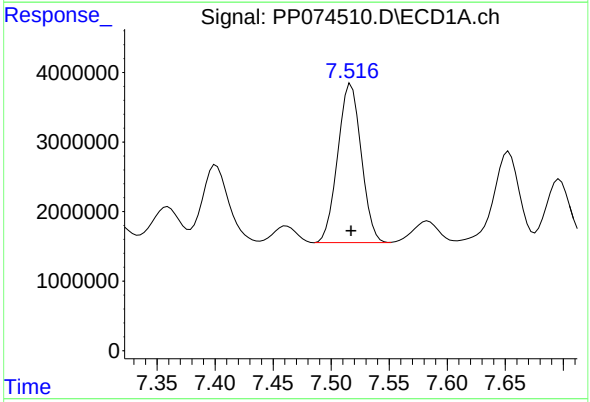
R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 42734643
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500



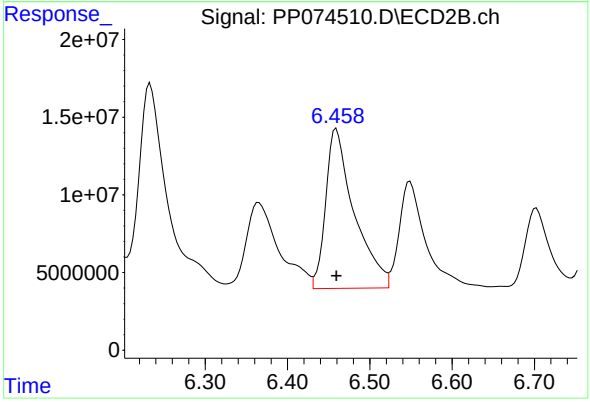

#28 AR-1254-3

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 331779068
Conc: 500.00 ng/ml



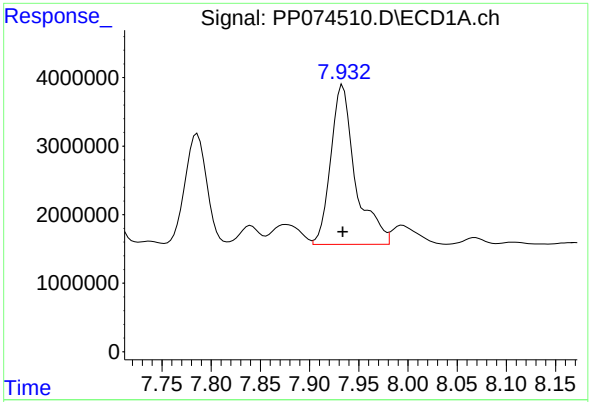

#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 32187957
Conc: 500.00 ng/ml




#29 AR-1254-4

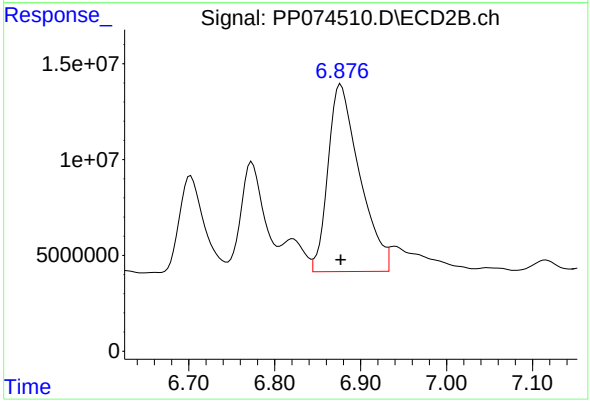
R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 247311763
Conc: 500.00 ng/ml




#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 40620840
Conc: 500.00 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC500




#30 AR-1254-5

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 249604262
Conc: 500.00 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:42
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.657 | 3.800 | 31994256 | 115.5E6 | 26.971 | 23.196 |
| 2) | SA Decachlor... | 10.435 | 8.815 | 28652955 | 191.8E6 | 27.374 | 25.314 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 6.657 | 5.683 | 22673228 | 119.9E6 | 384.974 | 242.811 # |
| 27) | L6 AR-1254-2 | 6.873 | 5.829 | 22034196 | 89396429 | 277.183 | 255.763 |
| 28) | L6 AR-1254-3 | 7.234 | 6.233 | 23677562 | 156.6E6 | 277.030 | 235.946 |
| 29) | L6 AR-1254-4 | 7.516 | 6.458 | 17794501 | 118.2E6 | 276.416 | 238.941 |
| 30) | L6 AR-1254-5 | 7.932 | 6.875 | 22325080 | 128.4E6 | 274.798 | 257.251 |

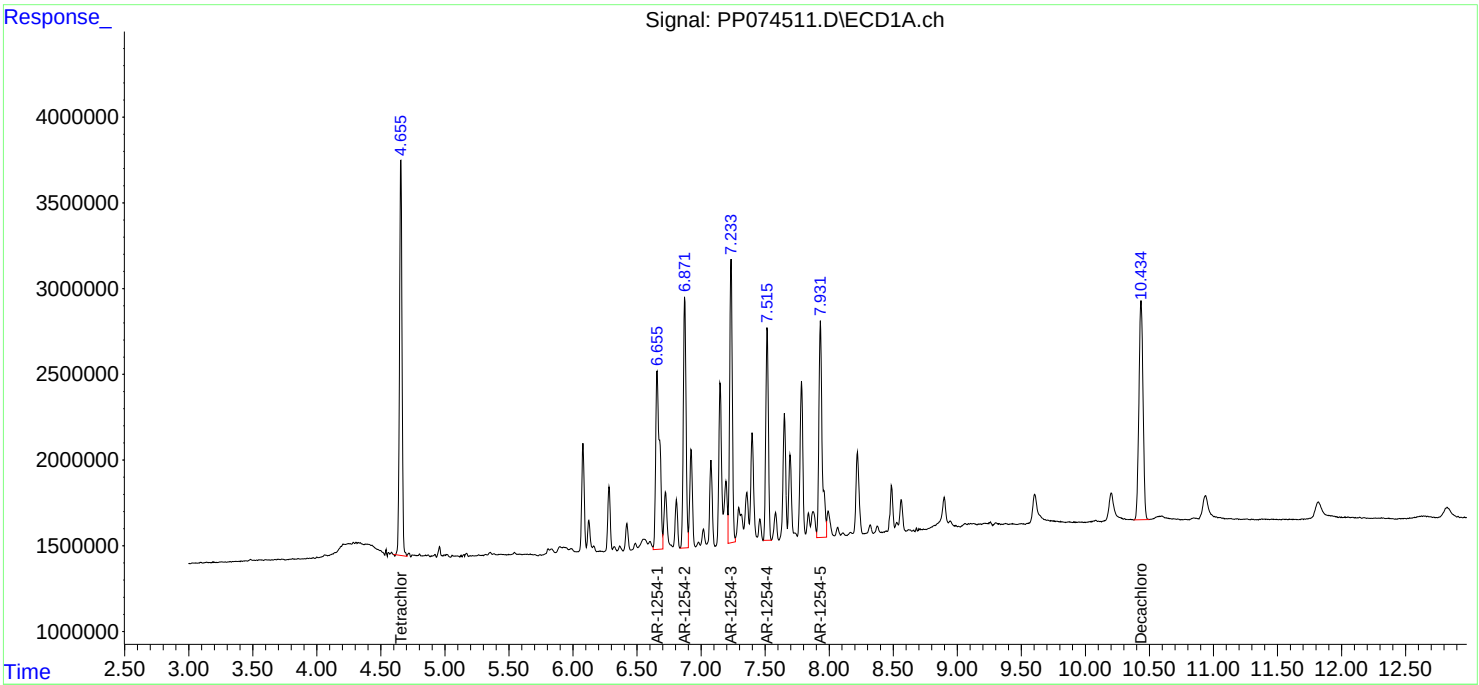
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

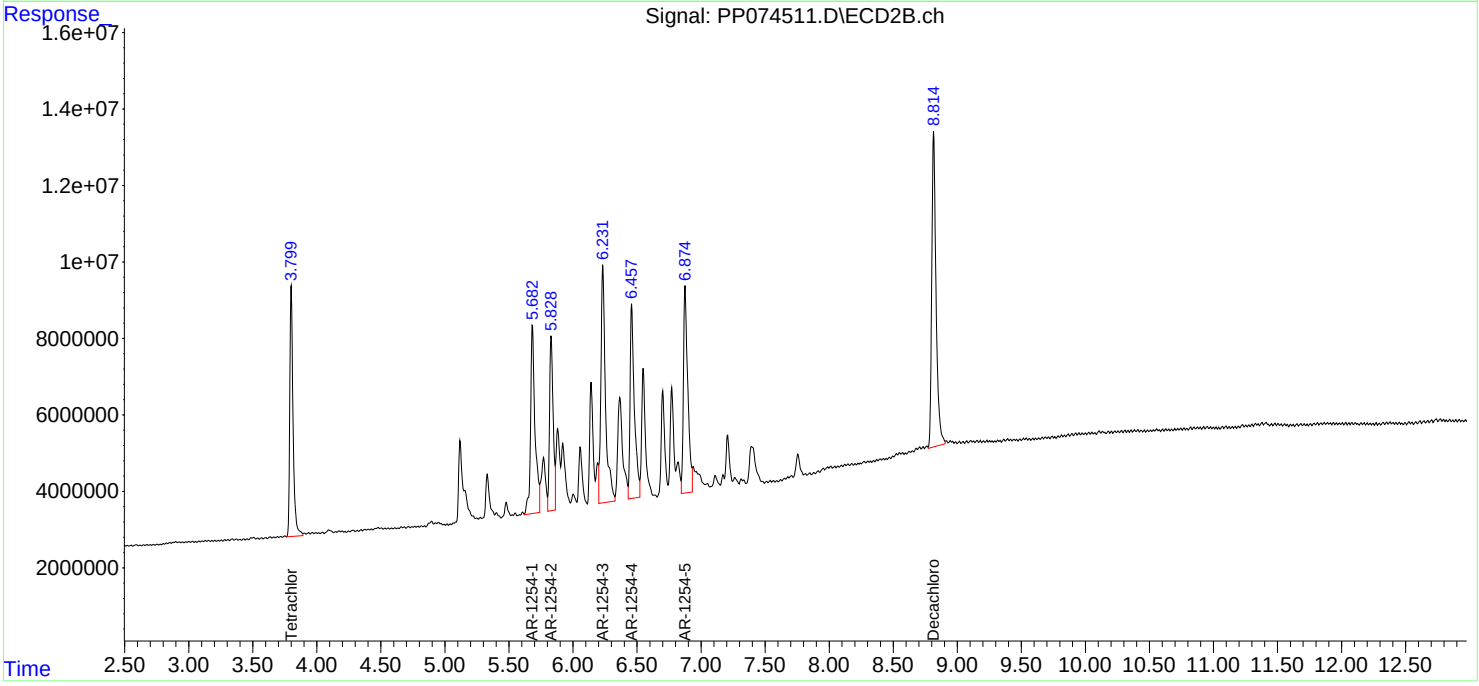
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:42
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

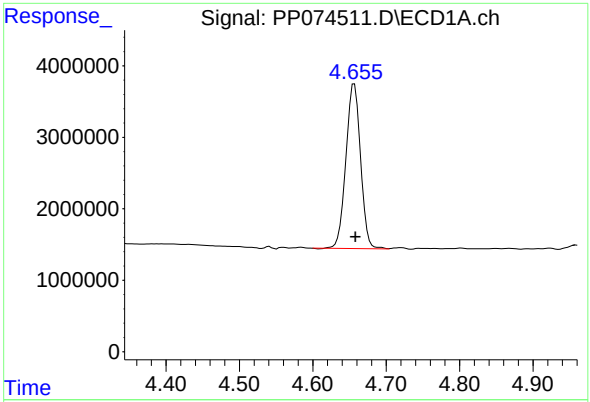
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



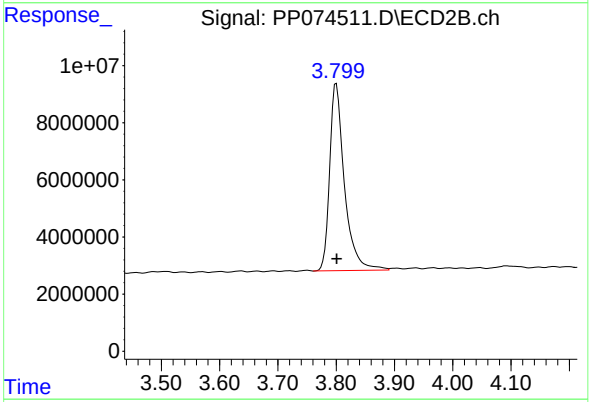






#1 Tetrachloro-m-xylene

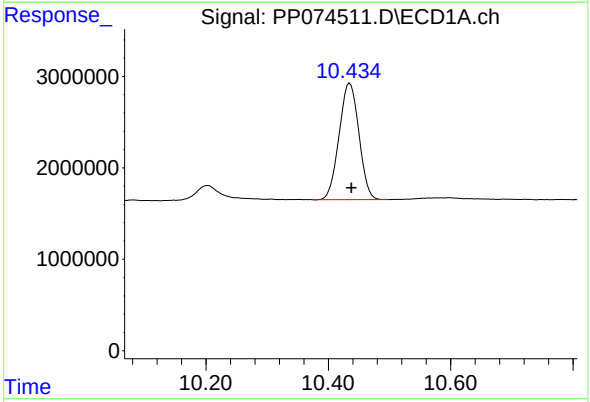
R.T.: 4.657 min
Delta R.T.: -0.001 min
Response: 31994256
Conc: 26.97 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250



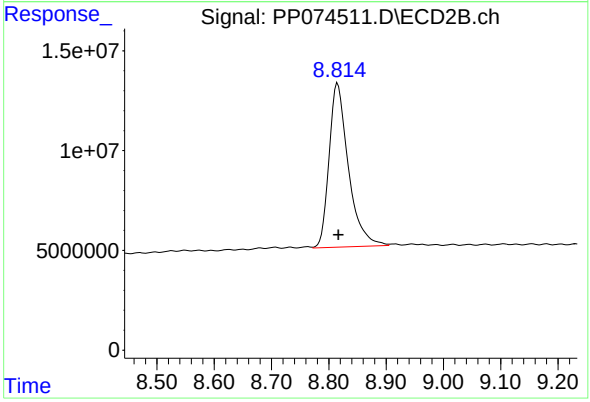

#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 115494066
Conc: 23.20 ng/ml



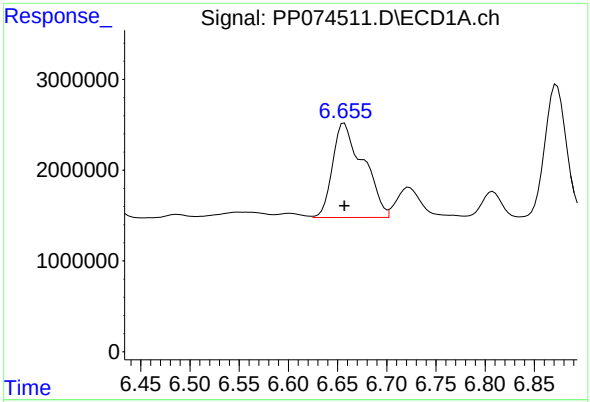

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 28652955
Conc: 27.37 ng/ml




#2 Decachlorobiphenyl

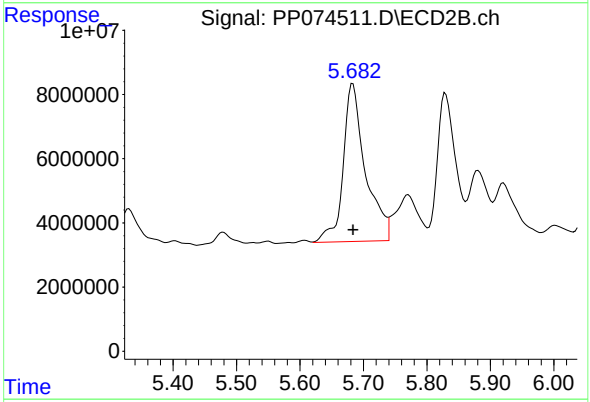
R.T.: 8.815 min
Delta R.T.: -0.002 min
Response: 191779450
Conc: 25.31 ng/ml




#26 AR-1254-1

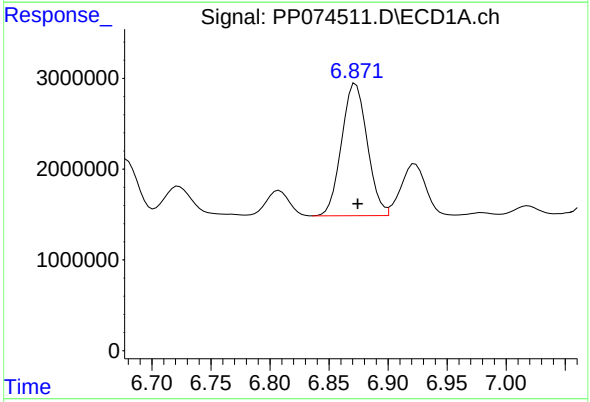
R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 22673228
Conc: 384.97 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250



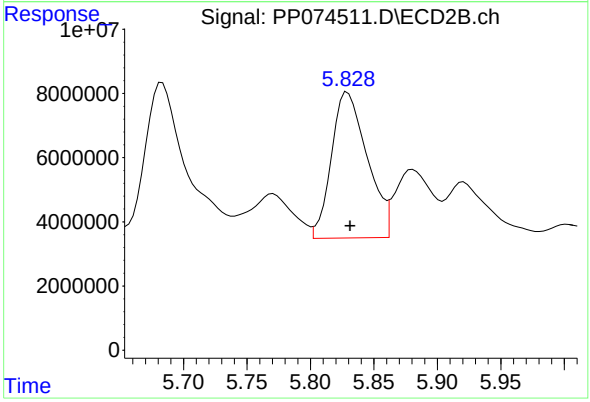

#26 AR-1254-1

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 119921848
Conc: 242.81 ng/ml



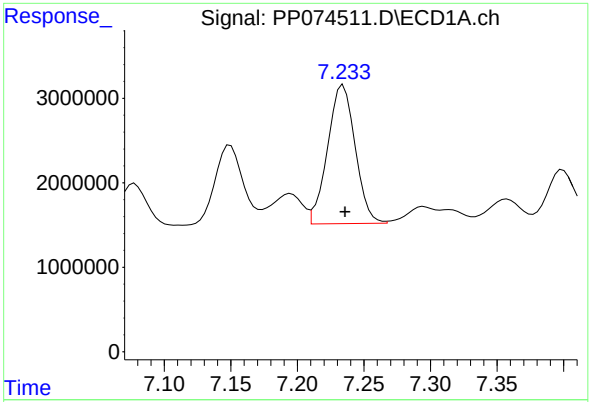

#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: -0.002 min
Response: 22034196
Conc: 277.18 ng/ml




#27 AR-1254-2

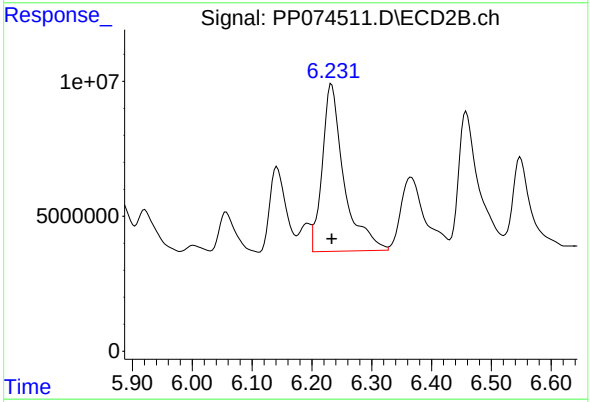
R.T.: 5.829 min
Delta R.T.: -0.002 min
Response: 89396429
Conc: 255.76 ng/ml




#28 AR-1254-3

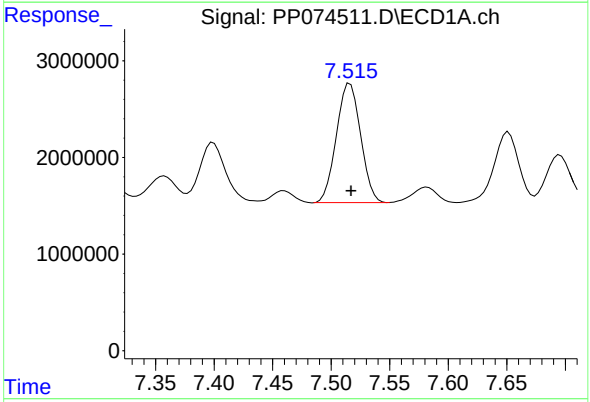
R.T.: 7.234 min
Delta R.T.: -0.001 min
Response: 23677562
Conc: 277.03 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250



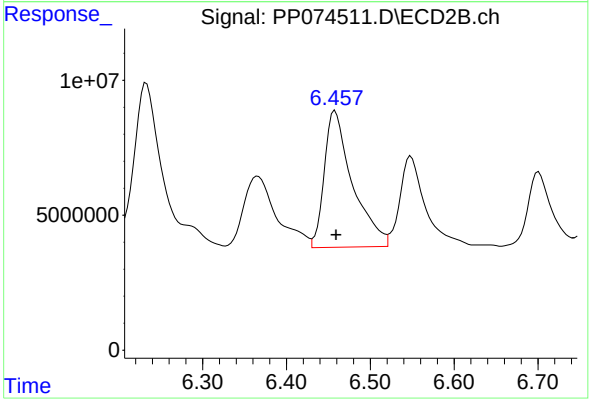

#28 AR-1254-3

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 156563611
Conc: 235.95 ng/ml



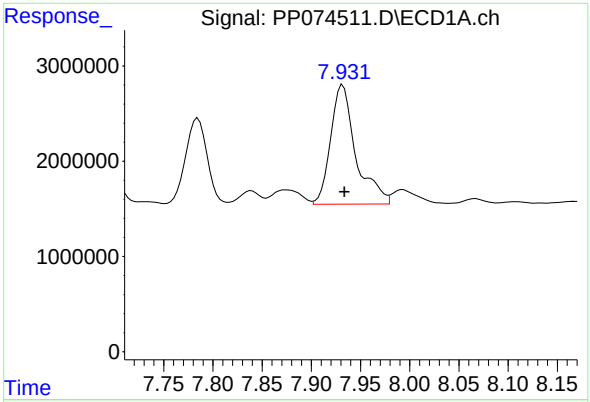

#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: -0.001 min
Response: 17794501
Conc: 276.42 ng/ml




#29 AR-1254-4

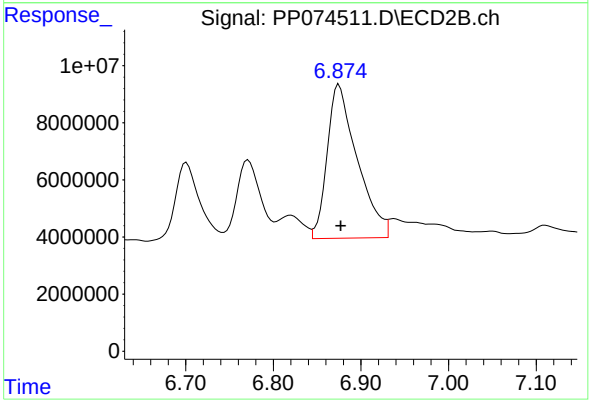
R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 118185848
Conc: 238.94 ng/ml




#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 22325080
Conc: 274.80 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC250




#30 AR-1254-5

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 128421857
Conc: 257.25 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:58
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:25:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.655 | 3.799 | 6824177 | 16356890 | 5.753 | 3.285 | # |
| 2) | SA Decachlor... | 10.435 | 8.814 | 5925526 | 36307802 | 5.661 | 4.793 | |
| | Target Compounds | | | | | | | |
| 26) | L6 AR-1254-1 | 6.655 | 5.682 | 5080627 | 24935505 | 86.265 | 50.488 | # |
| 27) | L6 AR-1254-2 | 6.872 | 5.830 | 4885847 | 18783341 | 61.462 | 53.739 | |
| 28) | L6 AR-1254-3 | 7.233 | 6.232 | 6010459 | 26251359 | 70.323 | 39.562 | # |
| 29) | L6 AR-1254-4 | 7.515 | 6.457 | 3846980 | 21709681 | 59.758 | 43.891 | # |
| 30) | L6 AR-1254-5 | 7.931 | 6.876 | 4851004 | 21373298 | 59.711 | 42.814 | # |

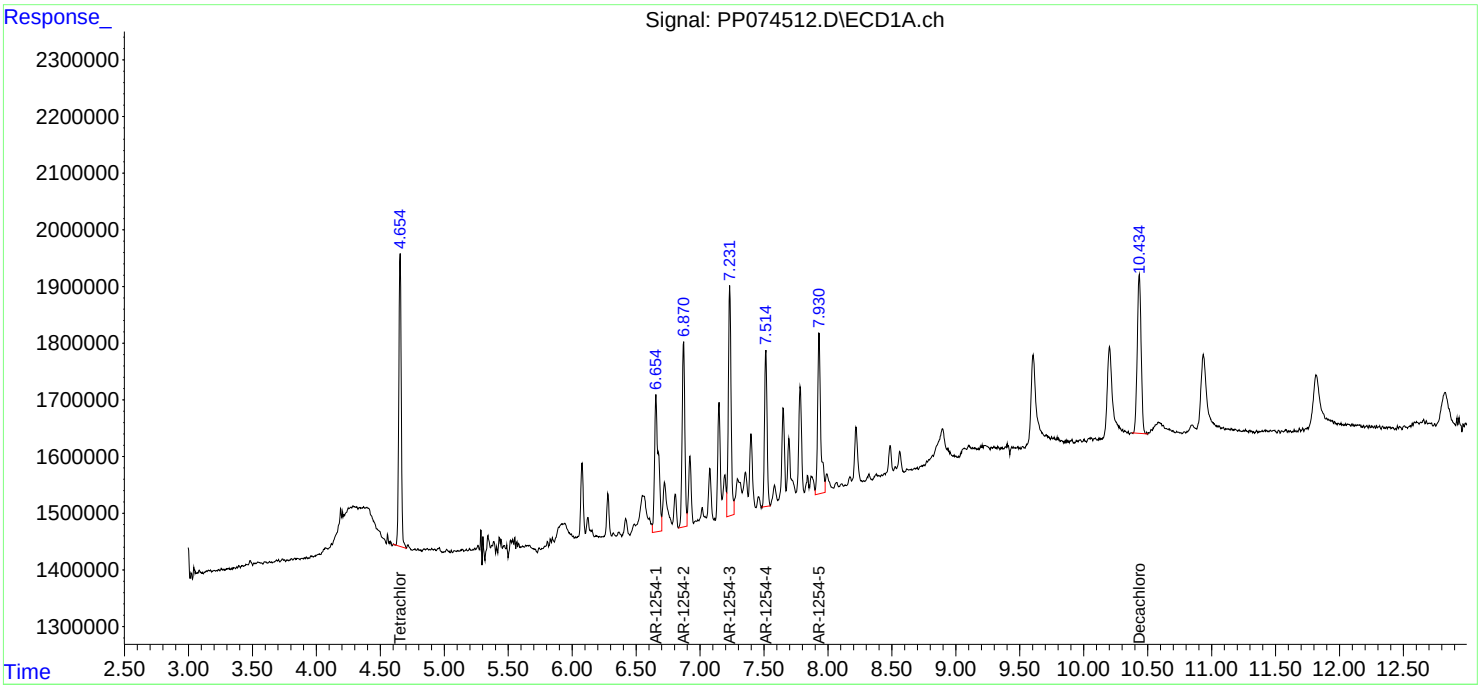
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

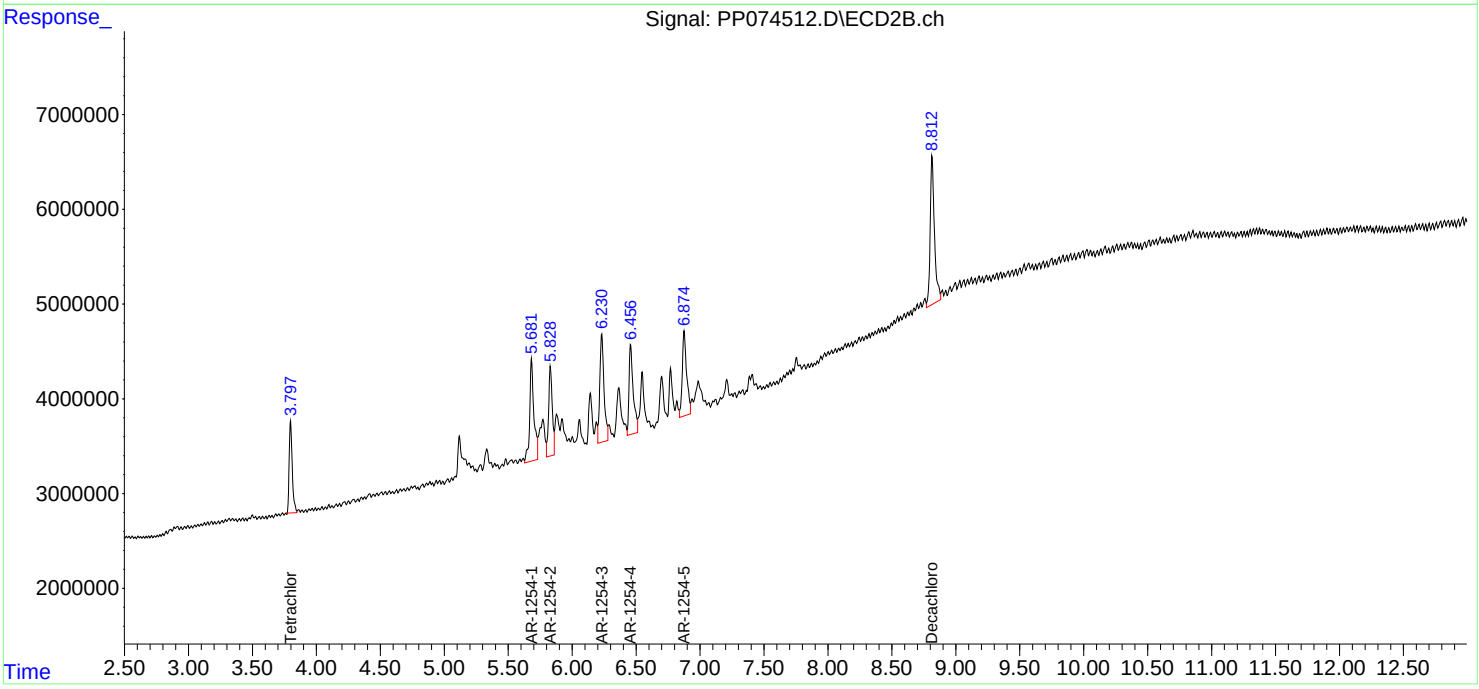
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:58
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

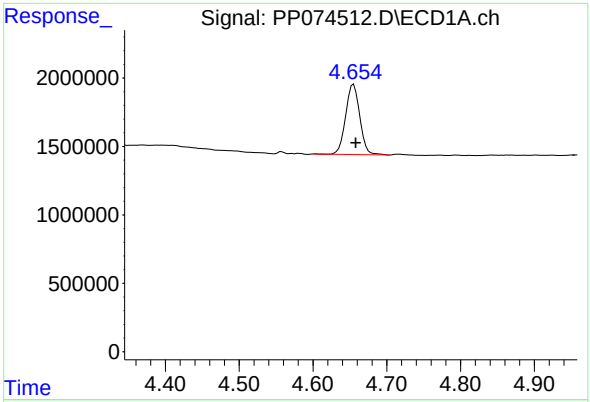
**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:25:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



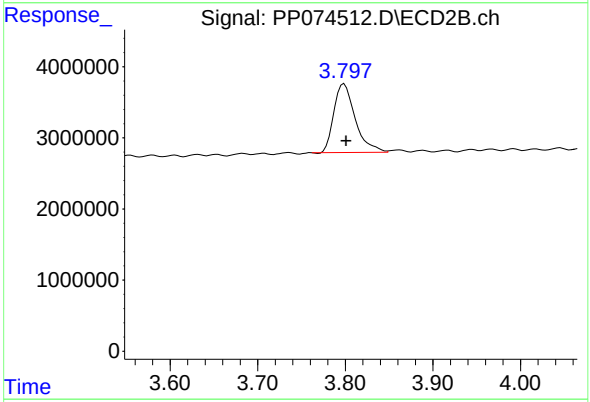






#1 Tetrachloro-m-xylene

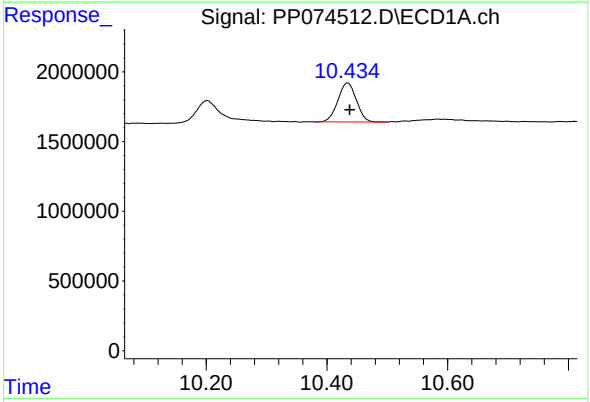
R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 6824177
Conc: 5.75 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050



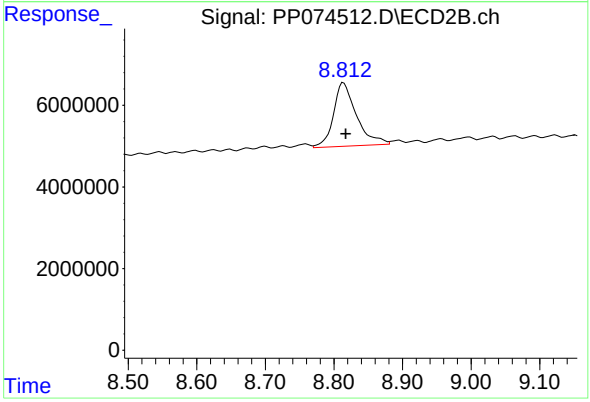

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 16356890
Conc: 3.29 ng/ml



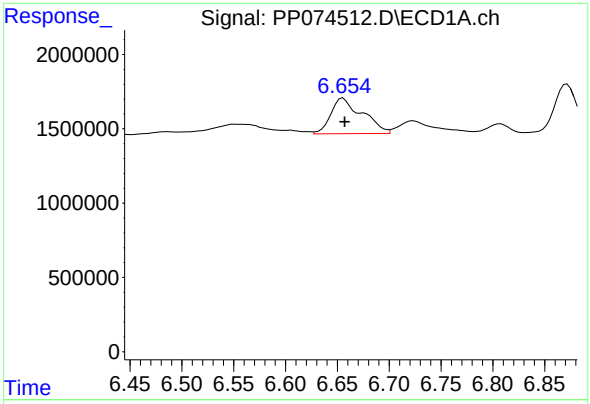

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 5925526
Conc: 5.66 ng/ml




#2 Decachlorobiphenyl

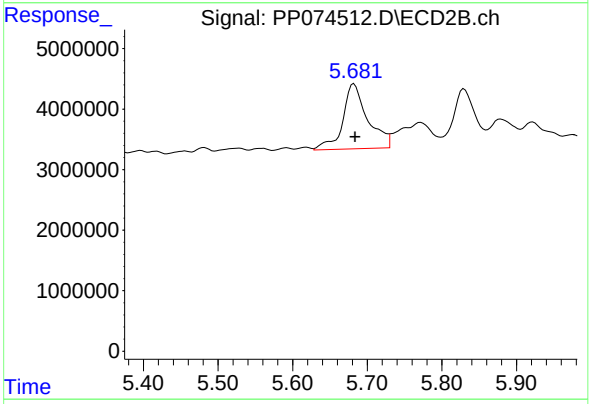
R.T.: 8.814 min
Delta R.T.: -0.003 min
Response: 36307802
Conc: 4.79 ng/ml




#26 AR-1254-1

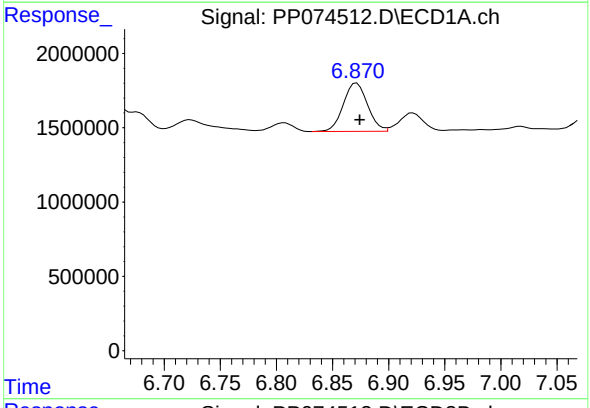
R.T.: 6.655 min
Delta R.T.: -0.002 min
Response: 5080627
Conc: 86.27 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050



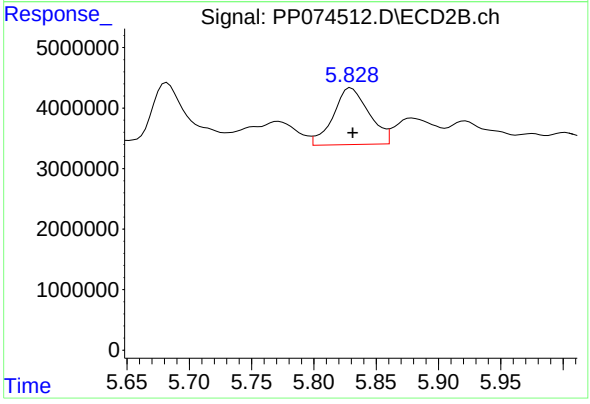

#26 AR-1254-1

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 24935505
Conc: 50.49 ng/ml



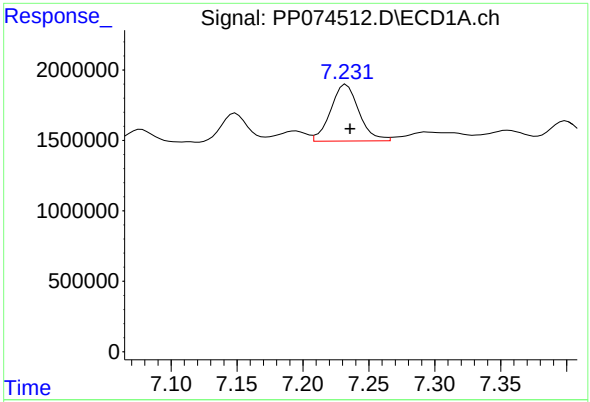

#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 4885847
Conc: 61.46 ng/ml




#27 AR-1254-2

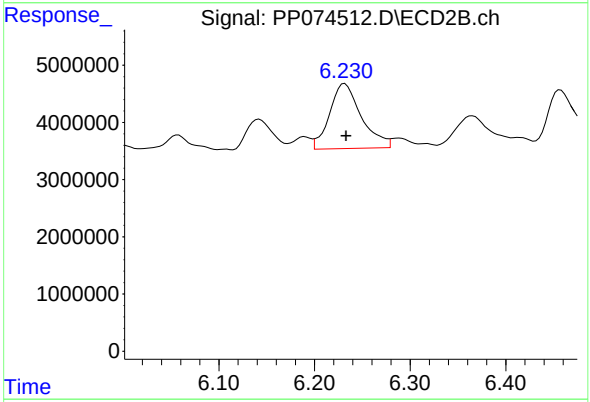
R.T.: 5.830 min
Delta R.T.: -0.001 min
Response: 18783341
Conc: 53.74 ng/ml




#28 AR-1254-3

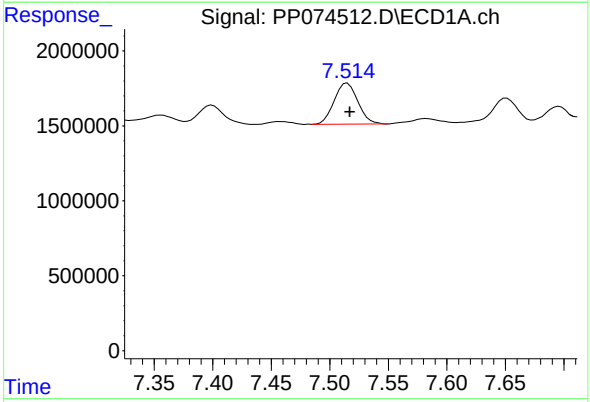
R.T.: 7.233 min
Delta R.T.: -0.003 min
Response: 6010459
Conc: 70.32 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050



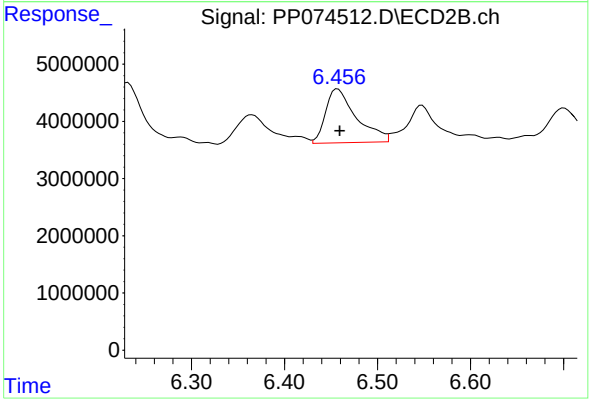

#28 AR-1254-3

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 26251359
Conc: 39.56 ng/ml



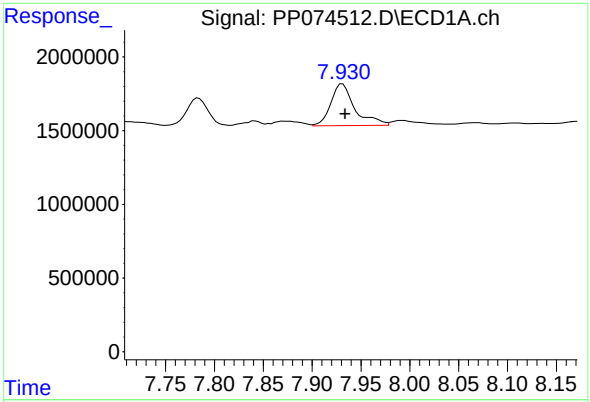

#29 AR-1254-4

R.T.: 7.515 min
Delta R.T.: -0.002 min
Response: 3846980
Conc: 59.76 ng/ml




#29 AR-1254-4

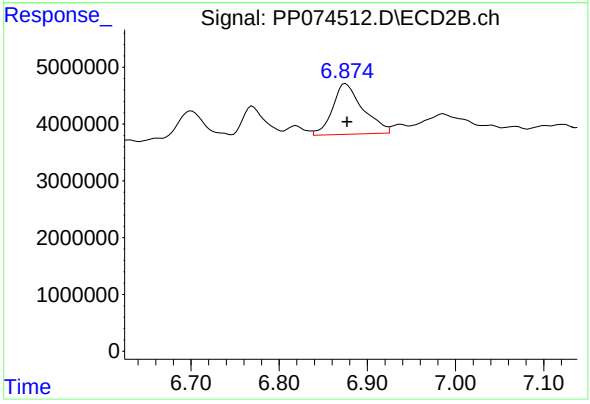
R.T.: 6.457 min
Delta R.T.: -0.002 min
Response: 21709681
Conc: 43.89 ng/ml




#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 4851004
Conc: 59.71 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1254ICC050




#30 AR-1254-5

R.T.: 6.876 min
Delta R.T.: -0.001 min
Response: 21373298
Conc: 42.81 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:36
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: Aug 20 05:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | | |
| 1) | SA Tetrachlo... | 4.655 | 3.798 | 5929694 | 14218278 | 4.878 | 2.880 | # |
| 2) | SA Decachlor... | 10.433 | 8.813 | 9232334 | 53747483 | 5.082 | 3.729 | # |
| | Target Compounds | | | | | | | |
| 41) | L9 AR-1268-1 | 8.884 | 7.693 | 9026003 | 52383576 | 56.483 | 33.865 | # |
| 42) | L9 AR-1268-2 | 8.980 | 7.756 | 7560556 | 47155232 | 51.096 | 32.686 | # |
| 43) | L9 AR-1268-3 | 9.219 | 7.964 | 6519117 | 39184495 | 52.404 | 34.869 | # |
| 44) | L9 AR-1268-4 | 9.647 | 8.250 | 3622509 | 12757141 | 52.359 | 30.733 | # |
| 45) | L9 AR-1268-5 | 10.078 | 8.549 | 19064676 | 111.1E6 | 51.212 | 32.473 | # |

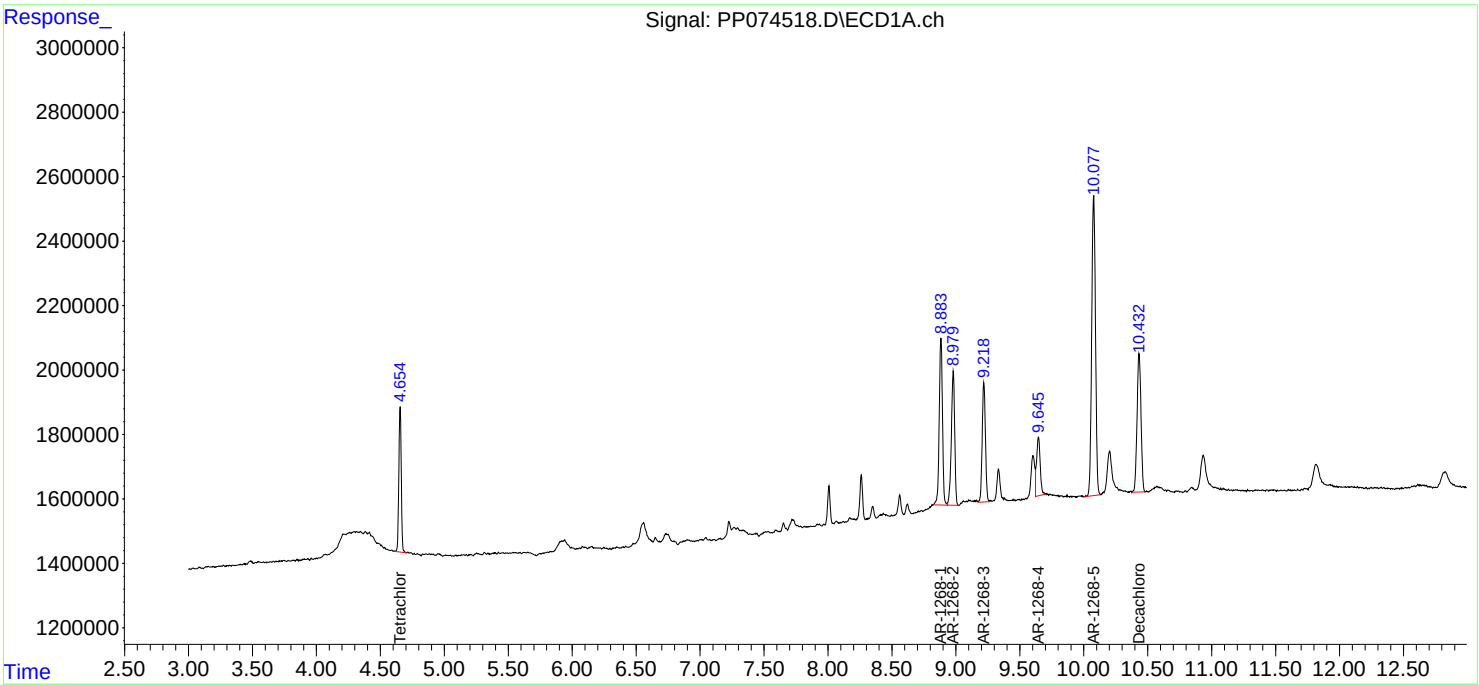
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

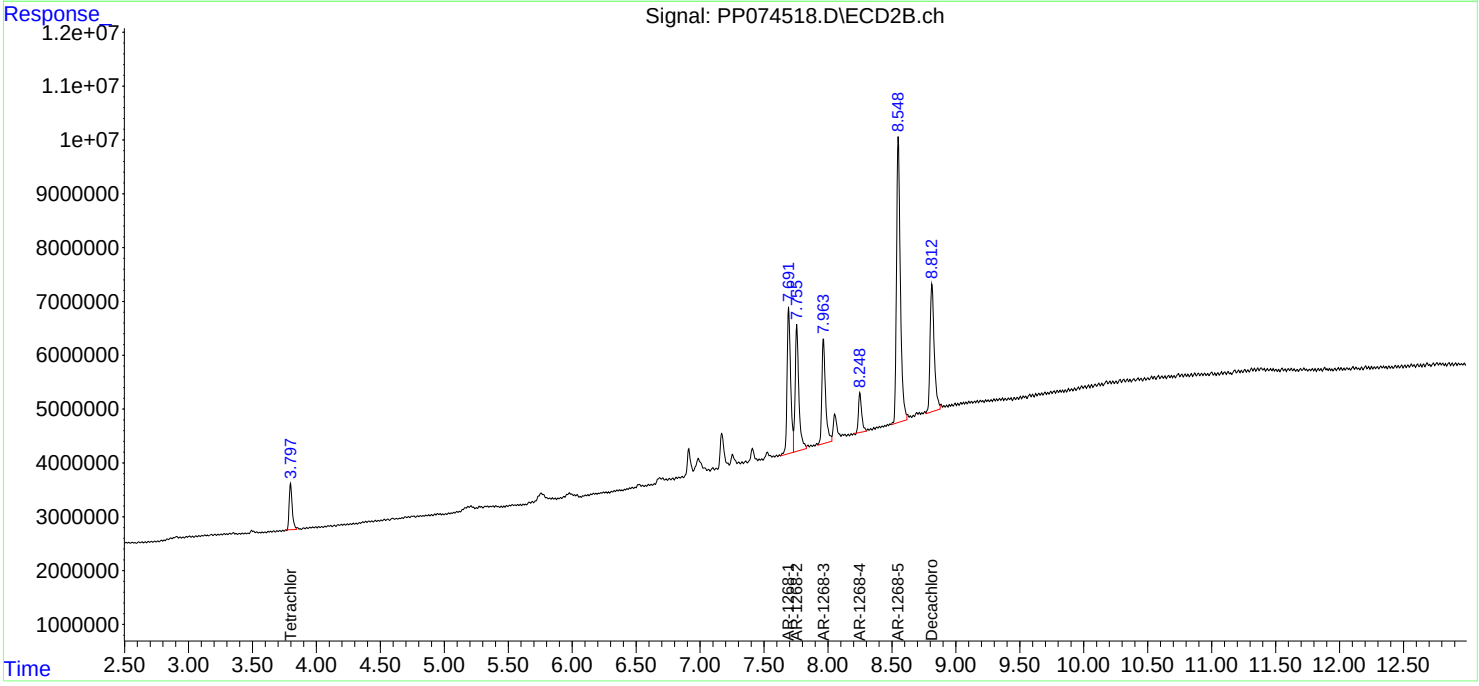
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:36
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

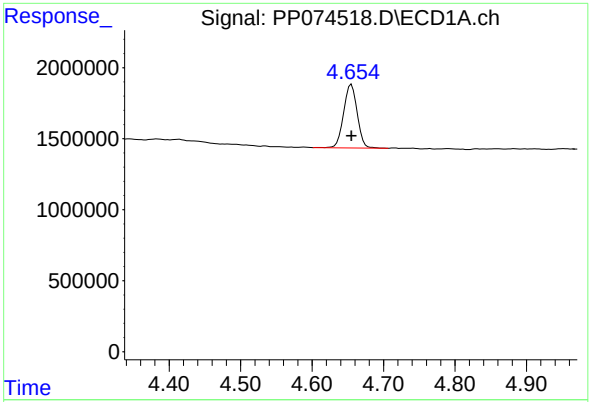
**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



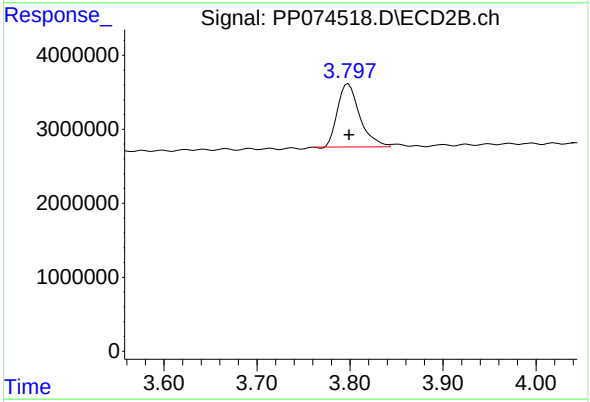






#1 Tetrachloro-m-xylene

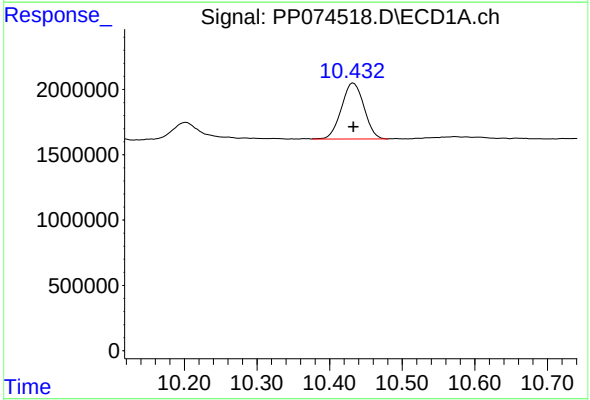
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 5929694
Conc: 4.88 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050



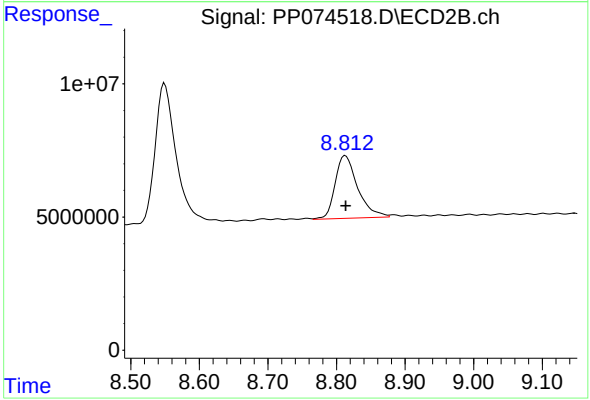

#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 14218278
Conc: 2.88 ng/ml



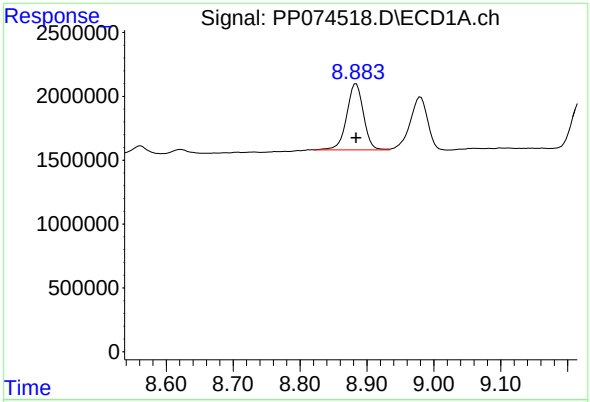

#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 9232334
Conc: 5.08 ng/ml




#2 Decachlorobiphenyl

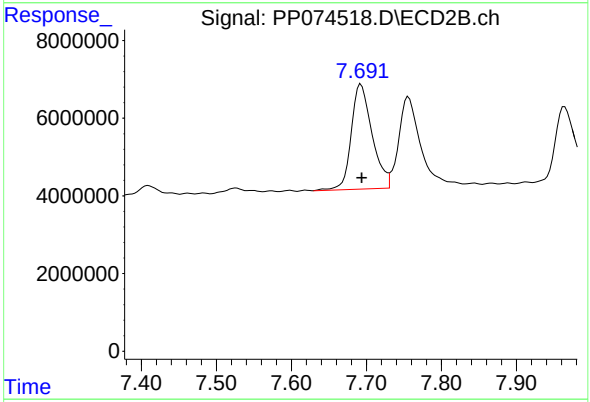
R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 53747483
Conc: 3.73 ng/ml




#41 AR-1268-1

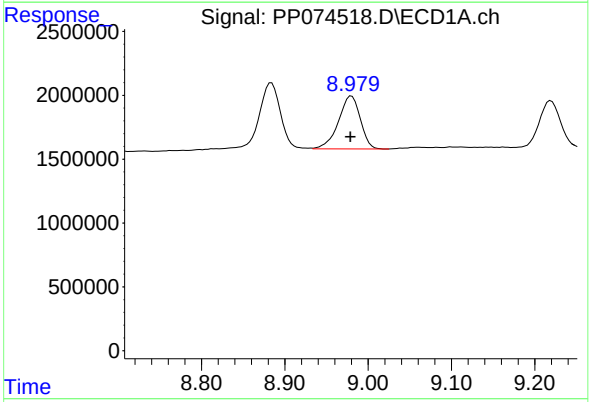
R.T.: 8.884 min
Delta R.T.: 0.000 min
Response: 9026003
Conc: 56.48 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050



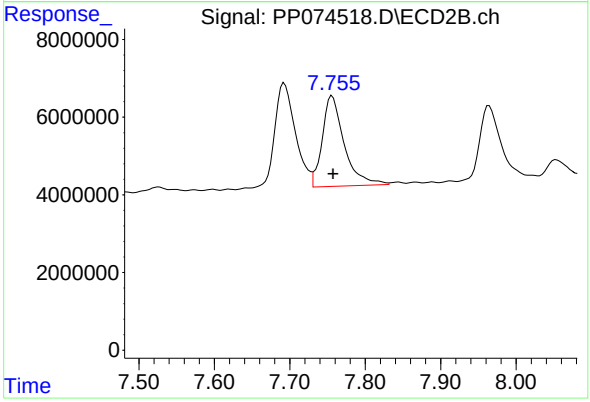

#41 AR-1268-1

R.T.: 7.693 min
Delta R.T.: -0.001 min
Response: 52383576
Conc: 33.87 ng/ml



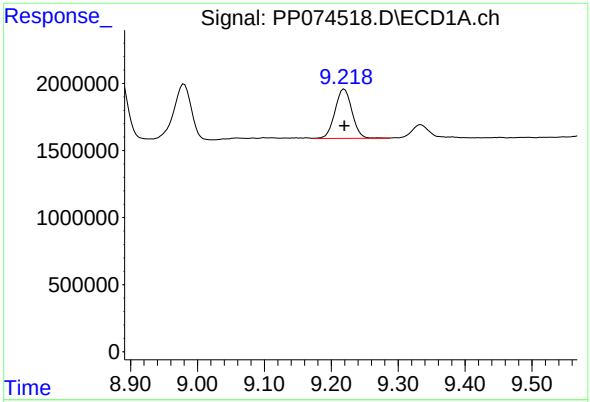

#42 AR-1268-2

R.T.: 8.980 min
Delta R.T.: 0.001 min
Response: 7560556
Conc: 51.10 ng/ml




#42 AR-1268-2

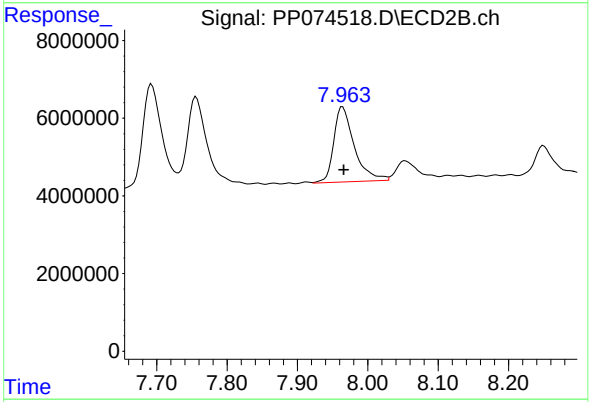
R.T.: 7.756 min
Delta R.T.: -0.001 min
Response: 47155232
Conc: 32.69 ng/ml




#43 AR-1268-3

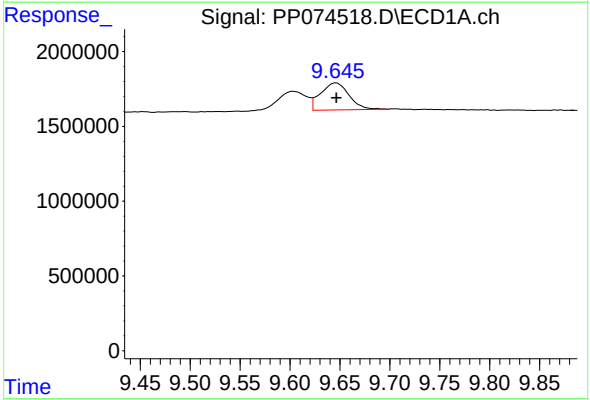
R.T.: 9.219 min
Delta R.T.: 0.000 min
Response: 6519117
Conc: 52.40 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050



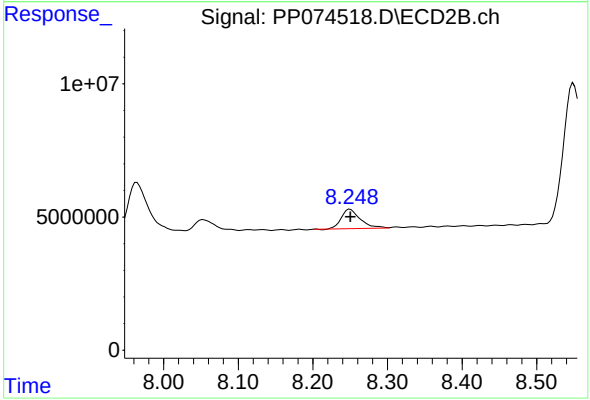

#43 AR-1268-3

R.T.: 7.964 min
Delta R.T.: -0.001 min
Response: 39184495
Conc: 34.87 ng/ml



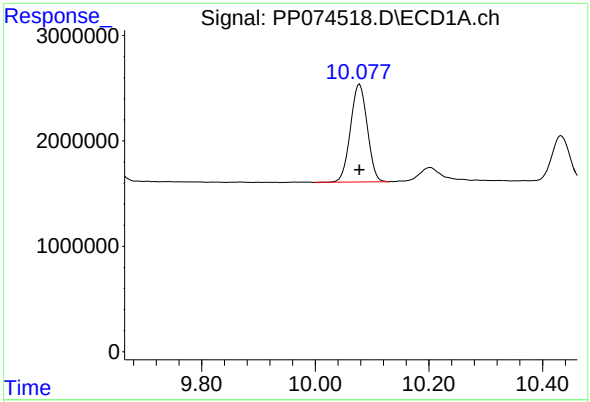

#44 AR-1268-4

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 3622509
Conc: 52.36 ng/ml




#44 AR-1268-4

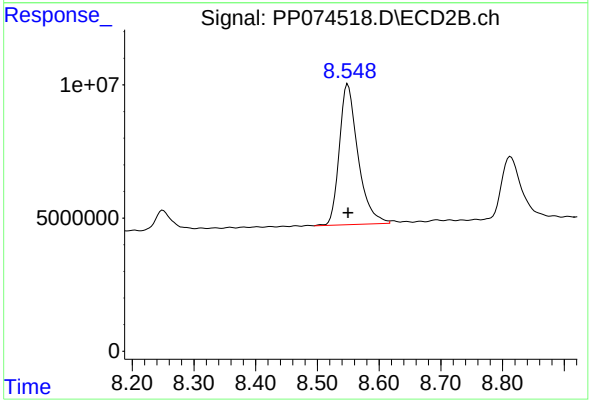
R.T.: 8.250 min
Delta R.T.: 0.000 min
Response: 12757141
Conc: 30.73 ng/ml




#45 AR-1268-5

R.T.: 10.078 min
Delta R.T.: 0.000 min
Response: 19064676
Conc: 51.21 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1268ICC050




#45 AR-1268-5

R.T.: 8.549 min
Delta R.T.: 0.000 min
Response: 111087591
Conc: 32.47 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:13
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.655 | 3.800 | 61135884 | 251.3E6 | 49.960 | 51.980 | |
| 2) | SA Decachlor... | 10.431 | 8.814 | 53404053 | 390.6E6 | 54.079 | 52.086 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.806 | 4.899 | 19151882 | 227.5E6 | 434.393 | 446.594 | |
| 4) | L1 AR-1016-2 | 5.828 | 4.957 | 28372669 | 113.8E6 | 451.495 | 477.986 | |
| 5) | L1 AR-1016-3 | 5.890 | 5.077 | 19007473 | 66780181 | 423.198 | 484.253 | |
| 6) | L1 AR-1016-4 | 5.987 | 5.118 | 15591341 | 52176731 | 443.165 | 373.215 | |
| 7) | L1 AR-1016-5 | 6.280 | 5.332 | 15414821 | 60722583 | 464.497 | 365.615 | |
| 8) | L2 AR-1221-1 | 4.851 | 4.010 | 2398009 | 7913612 | 136.306 | 127.912 | |
| 9) | L2 AR-1221-2 | 4.941 | 4.097 | 3575088 | 9970175 | 267.653 | 220.520 | |
| 10) | L2 AR-1221-3 | 5.016 | 4.172 | 11629697 | 46039173 | 306.749 | 280.225 | |
| 11) | L3 AR-1232-1 | 5.016 | 4.172 | 11629697 | 46039173 | 382.884 | 359.413 | |
| 12) | L3 AR-1232-2 | 5.542 | 4.899 | 14710079 | 227.5E6 | 933.486 | 981.368 | |
| 13) | L3 AR-1232-3 | 5.828 | 5.077 | 28372669 | 66780181 | 928.921 | 1111.896 | |
| 14) | L3 AR-1232-4 | 5.987 | 5.161 | 15591341 | 134.0E6 | 902.837 | 1818.375 | # |
| 15) | L3 AR-1232-5 | 6.077 | 5.332 | 13090392 | 60722583 | 1008.431 | 978.074 | |
| 16) | L4 AR-1242-1 | 5.806 | 4.899 | 19151882 | 227.5E6 | 500.373 | 539.355 | |
| 17) | L4 AR-1242-2 | 5.828 | 4.957 | 28372669 | 113.8E6 | 502.331 | 568.037 | |
| 18) | L4 AR-1242-3 | 5.890 | 5.077 | 19007473 | 66780181 | 468.131 | 564.507 | |
| 19) | L4 AR-1242-4 | 5.987 | 5.161 | 15591341 | 134.0E6 | 491.192 | 783.057 | # |
| 20) | L4 AR-1242-5 | 6.716 | 5.680 | 20582509 | 107.6E6 | 570.617 | 581.233 | |
| 21) | L5 AR-1248-1 | 5.806 | 4.899 | 19151882 | 227.5E6 | 633.664 | 823.757 | # |
| 22) | L5 AR-1248-2 | 6.077 | 5.118 | 13090392 | 52176731 | 303.749 | 295.192 | |
| 23) | L5 AR-1248-3 | 6.280 | 5.161 | 15414821 | 134.0E6 | 330.056 | 589.902 | # |
| 24) | L5 AR-1248-4 | 6.677 | 5.332 | 16836929 | 60722583 | 306.122 | 278.517 | |
| 25) | L5 AR-1248-5 | 6.716 | 5.720 | 20582509 | 137.0E6 | 371.054 | 373.044 | |
| 26) | L6 AR-1254-1 | 6.652 | 5.680 | 16195631 | 107.6E6 | 277.944 | 225.763 | |
| 27) | L6 AR-1254-2 | 6.872 | 5.827 | 16590811 | 33231865 | 203.279 | 94.373 | # |
| 28) | L6 AR-1254-3 | 7.228 | 6.230 | 13848897 | 38727598 | 155.245 | 62.483 | # |
| 29) | L6 AR-1254-4 | 7.513 | 6.457 | 3963718 | 31225763 | 60.135 | 66.633 | |
| 30) | L6 AR-1254-5 | 7.929 | 6.871 | 1399533 | 10303689 | 16.845 | 21.006 | |
| 31) | L7 AR-1260-1 | 7.399 | 6.373 | 876411 | 23824604 | 15.160 | 63.494 | # |
| 32) | L7 AR-1260-2 | 7.649 | 6.519 | 1535117 | 23918442 | 22.275 | 45.230 | # |
| 33) | L7 AR-1260-3 | 8.018 | 6.698 | 112109 | 6537732 | 2.161 | 15.099 | # |
| 34) | L7 AR-1260-4 | 8.218 | 7.171 | 786980 | 1028159 | 12.337 | 2.695 | # |
| 35) | L7 AR-1260-5 | 8.597f | 7.410 | 65071 | 1074464 | 0.574 | 1.070 | # |
| 36) | L8 AR-1262-1 | 8.257 | 6.948 | 62346 | 2191081 | 0.810 | 3.098 | # |
| 37) | L8 AR-1262-2 | 8.597 | 7.171 | 65071 | 1028159 | 0.492 | 1.975 | # |
| 38) | L8 AR-1262-3 | 8.865 | 7.706 | 647020 | 37319381 | 6.656 | 80.034 | # |
| 39) | L8 AR-1262-4 | 0.000 | 7.720f | 0 | 63417543 | N.D. | 77.163 | # |
| 40) | L8 AR-1262-5 | 9.683 | 8.258 | 48492 | 333747 | 0.796 | 0.931 | |
| 41) | L9 AR-1268-1 | 8.865 | 7.706 | 647020 | 37319381 | 3.993 | 26.458 | # |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:13
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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 |
|---|---|---|---|---|---|---|---|
| 42) L9 | AR-1268-2 | 0.000 | 7.720f | 0 | 63417543 | N.D. | 46.513 # |
| 43) L9 | AR-1268-3 | 9.207 | 7.977 | 222660 | 915286 | 1.802 | 0.877 # |
| 44) L9 | AR-1268-4 | 9.683f | 8.258 | 48492 | 333747 | 0.721 | 0.871 |
| 45) L9 | AR-1268-5 | 10.073 | 8.550 | 428631 | 1330808 | 1.158 | 0.424 # |

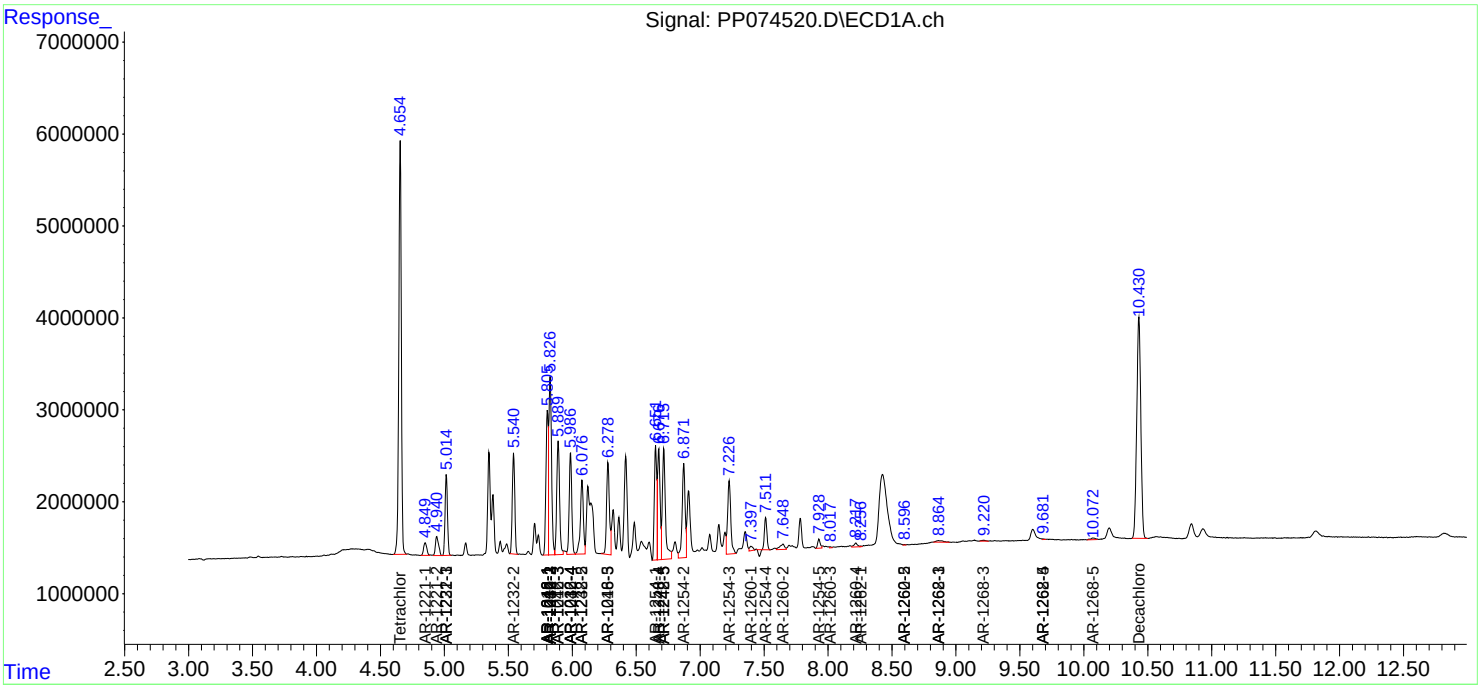
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

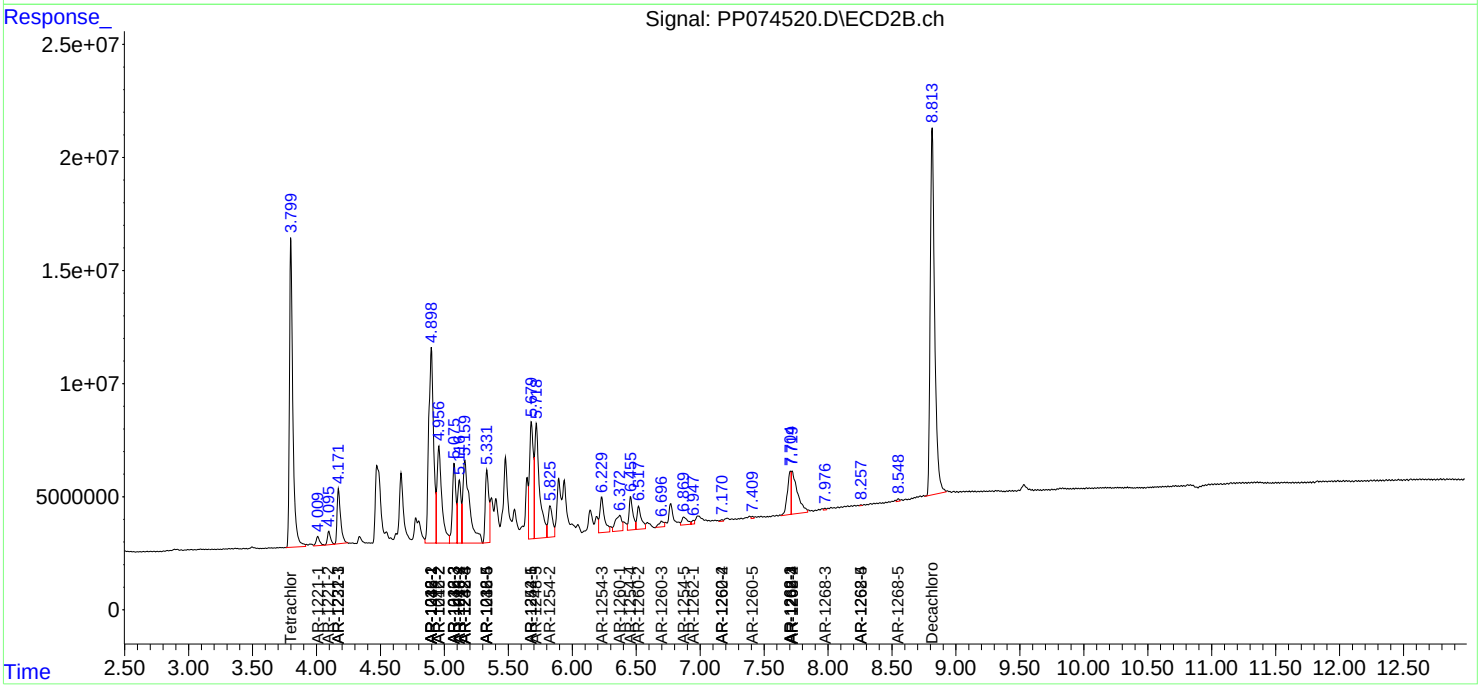
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:13
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 47 Sample Multiplier: 1

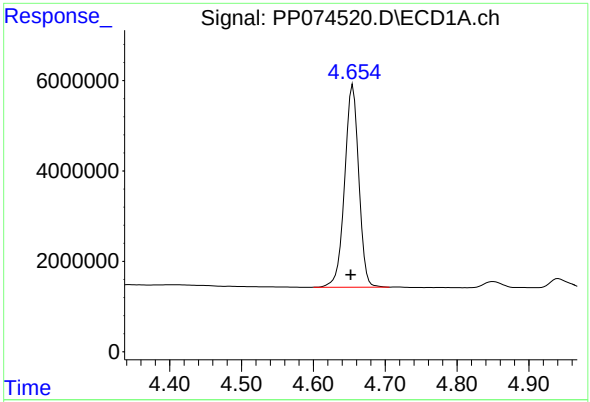
**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



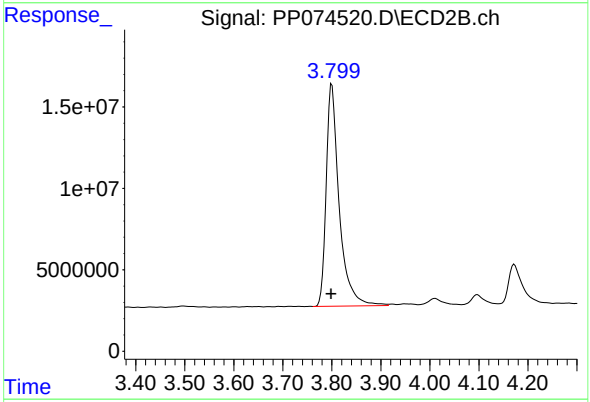






#1 Tetrachloro-m-xylene

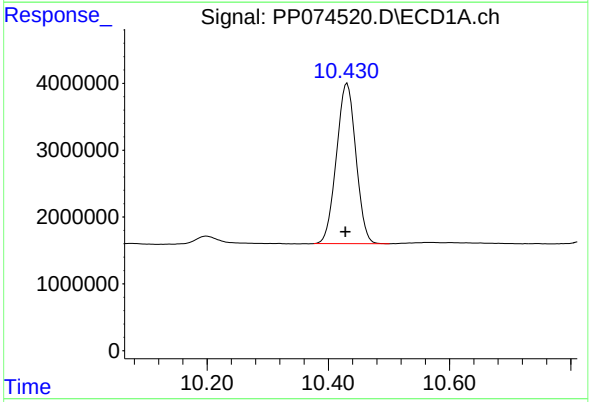
R.T.: 4.655 min
Delta R.T.: 0.003 min
Response: 61135884
Conc: 49.96 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



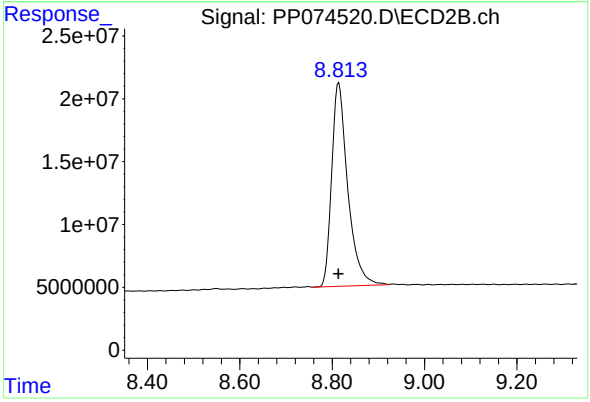

#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 251343147
Conc: 51.98 ng/ml



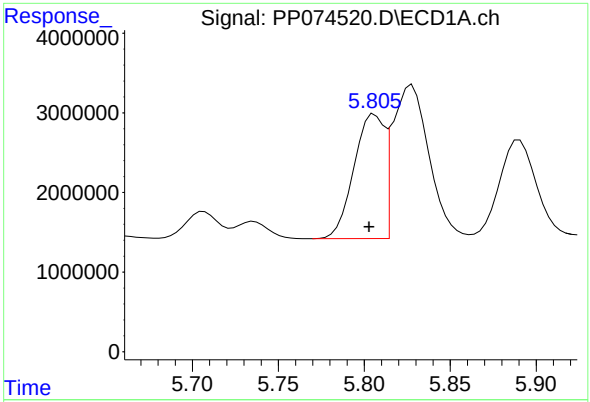

#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: 0.003 min
Response: 53404053
Conc: 54.08 ng/ml




#2 Decachlorobiphenyl

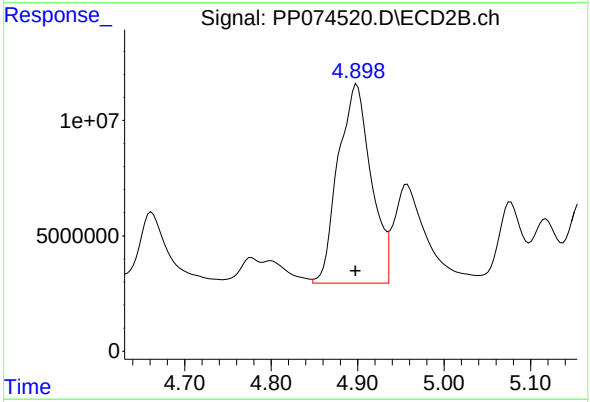
R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 390600437
Conc: 52.09 ng/ml




#3 AR-1016-1

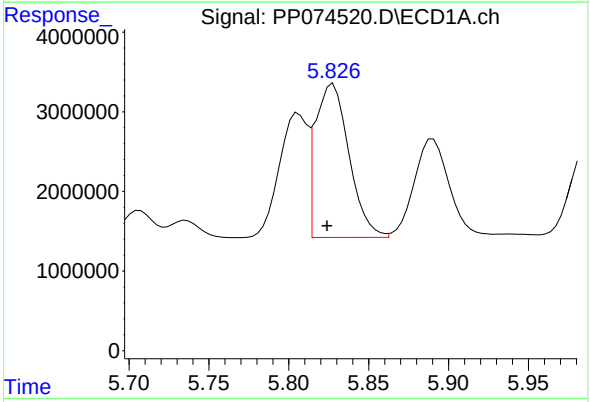
R.T.: 5.806 min
Delta R.T.: 0.003 min
Response: 19151882
Conc: 434.39 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



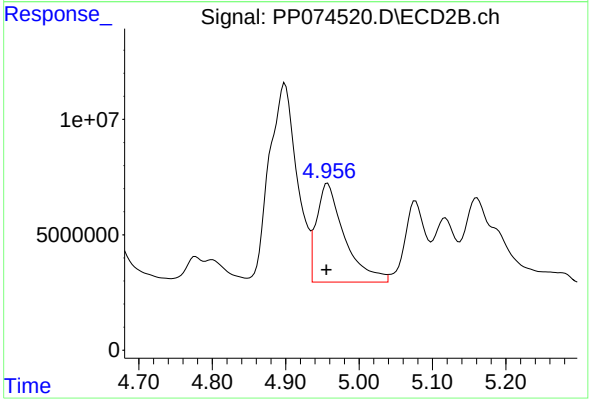

#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.002 min
Response: 227474604
Conc: 446.59 ng/ml



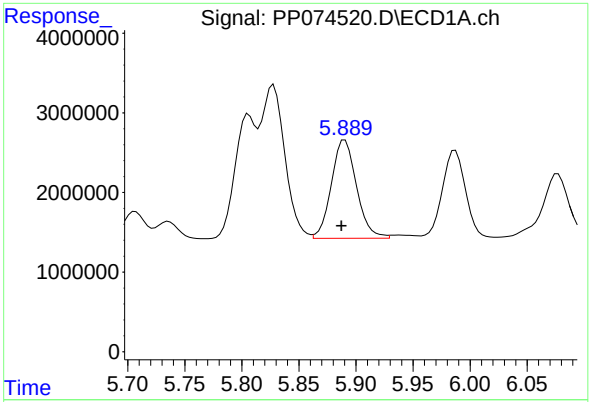

#4 AR-1016-2

R.T.: 5.828 min
Delta R.T.: 0.004 min
Response: 28372669
Conc: 451.49 ng/ml




#4 AR-1016-2

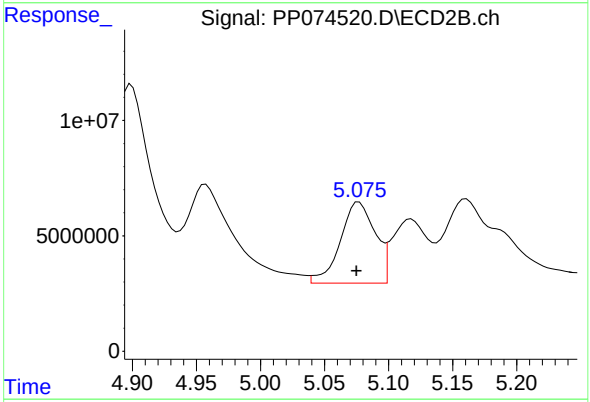
R.T.: 4.957 min
Delta R.T.: 0.002 min
Response: 113767896
Conc: 477.99 ng/ml




#5 AR-1016-3

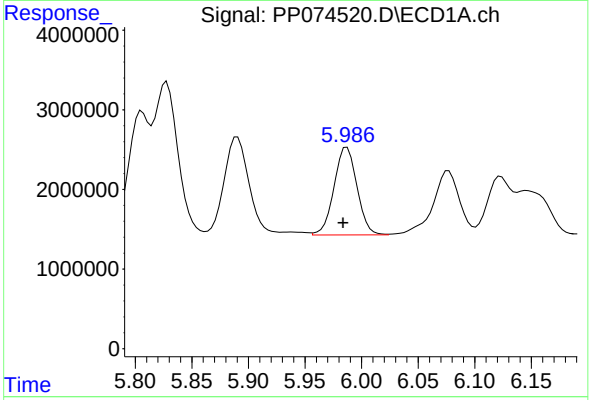
R.T.: 5.890 min
Delta R.T.: 0.003 min
Response: 19007473
Conc: 423.20 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



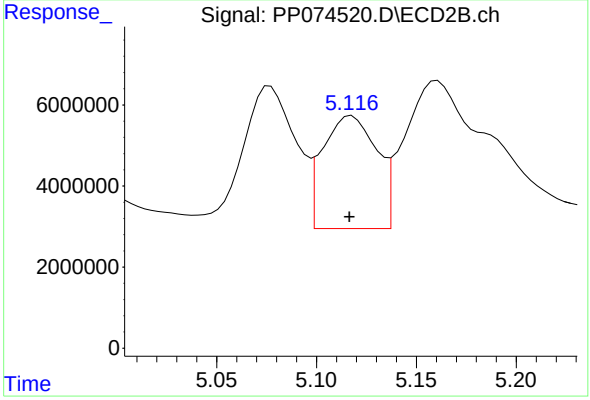

#5 AR-1016-3

R.T.: 5.077 min
Delta R.T.: 0.002 min
Response: 66780181
Conc: 484.25 ng/ml



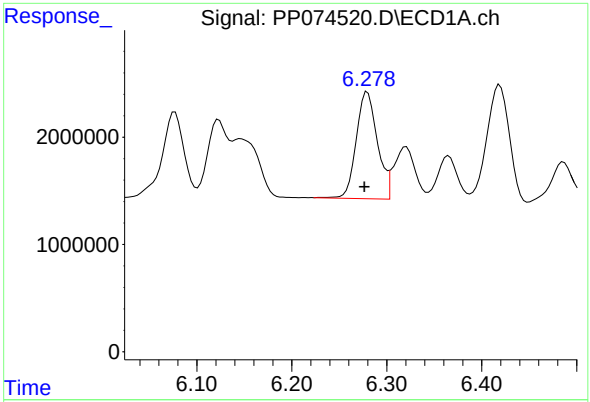

#6 AR-1016-4

R.T.: 5.987 min
Delta R.T.: 0.003 min
Response: 15591341
Conc: 443.16 ng/ml




#6 AR-1016-4

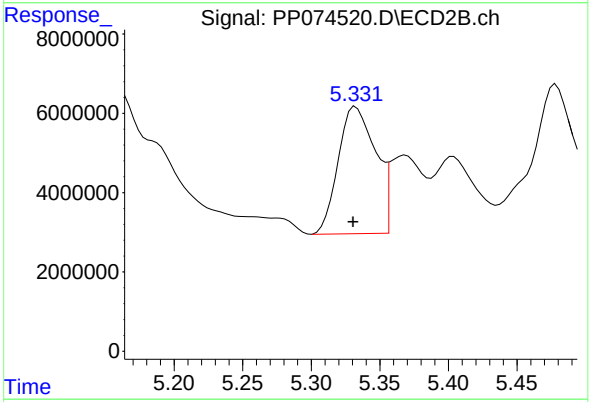
R.T.: 5.118 min
Delta R.T.: 0.001 min
Response: 52176731
Conc: 373.22 ng/ml




#7 AR-1016-5

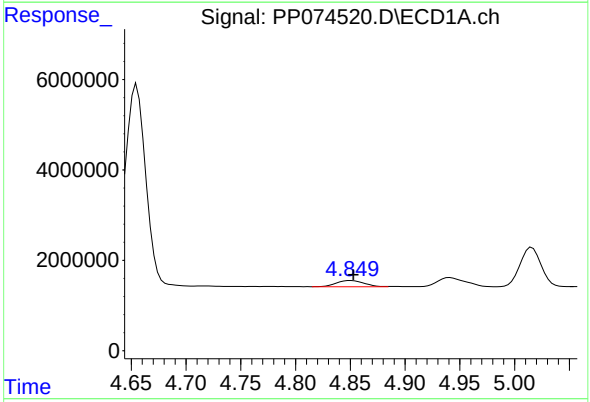
R.T.: 6.280 min
Delta R.T.: 0.003 min
Response: 15414821
Conc: 464.50 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



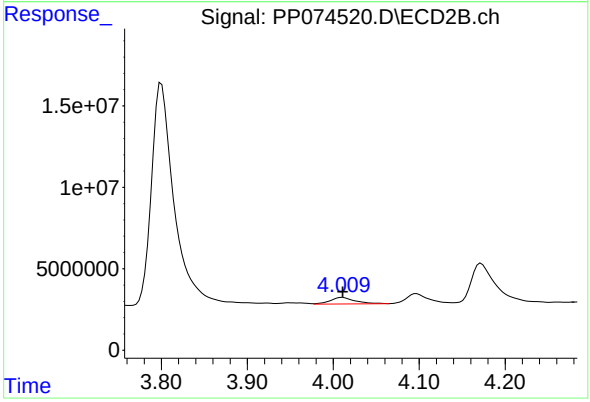

#7 AR-1016-5

R.T.: 5.332 min
Delta R.T.: 0.002 min
Response: 60722583
Conc: 365.62 ng/ml



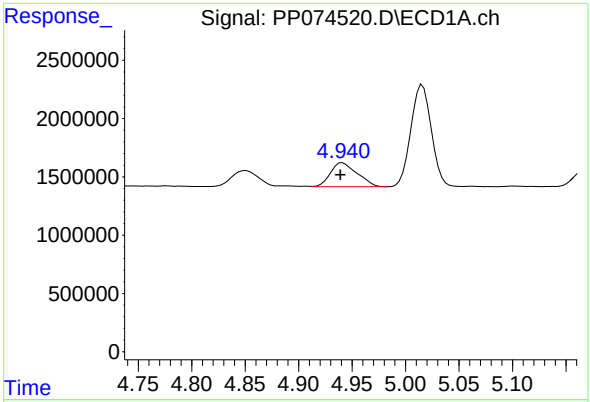

#8 AR-1221-1

R.T.: 4.851 min
Delta R.T.: -0.002 min
Response: 2398009
Conc: 136.31 ng/ml




#8 AR-1221-1

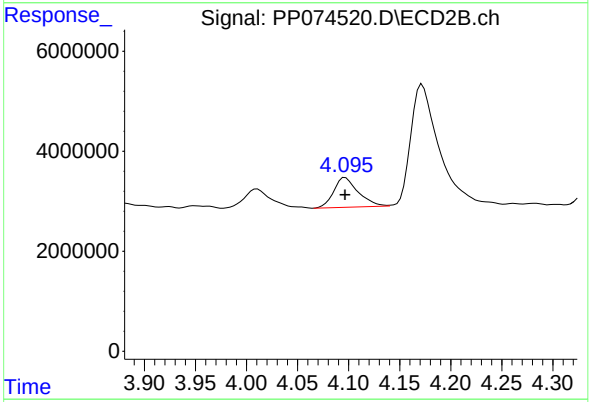
R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 7913612
Conc: 127.91 ng/ml




#9 AR-1221-2

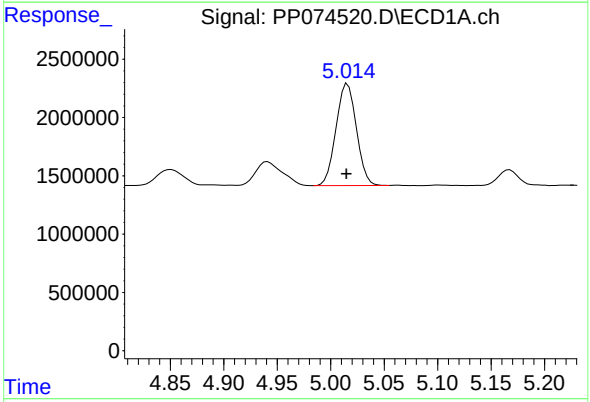
R.T.: 4.941 min
Delta R.T.: 0.002 min
Response: 3575088
Conc: 267.65 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



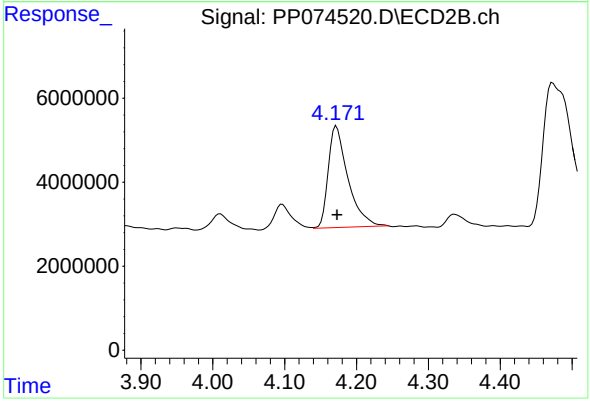

#9 AR-1221-2

R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 9970175
Conc: 220.52 ng/ml



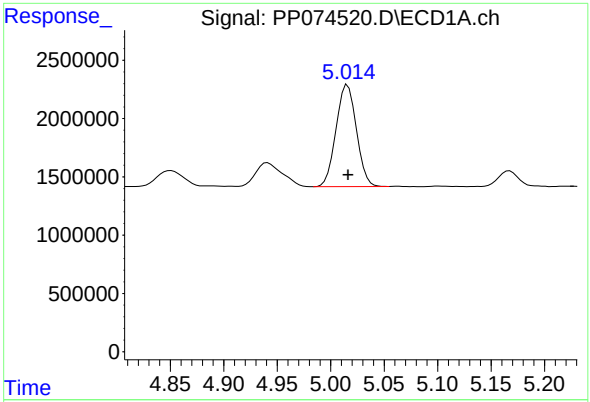

#10 AR-1221-3

R.T.: 5.016 min
Delta R.T.: 0.001 min
Response: 11629697
Conc: 306.75 ng/ml




#10 AR-1221-3

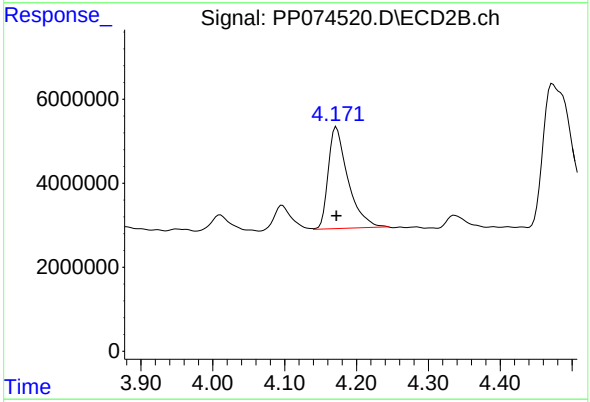
R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 46039173
Conc: 280.22 ng/ml




#11 AR-1232-1

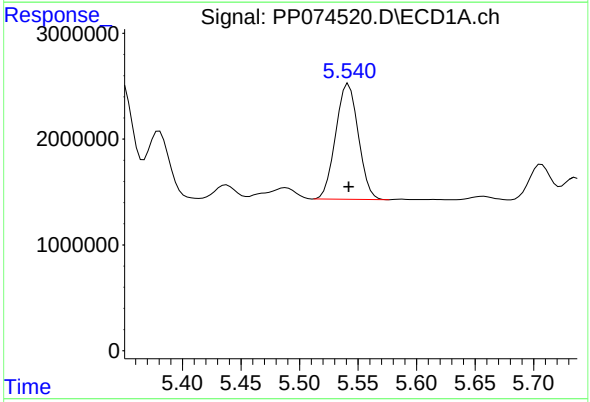
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 11629697
Conc: 382.88 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



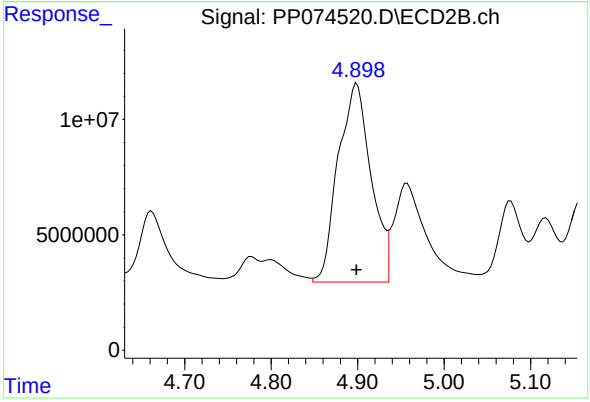

#11 AR-1232-1

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 46039173
Conc: 359.41 ng/ml



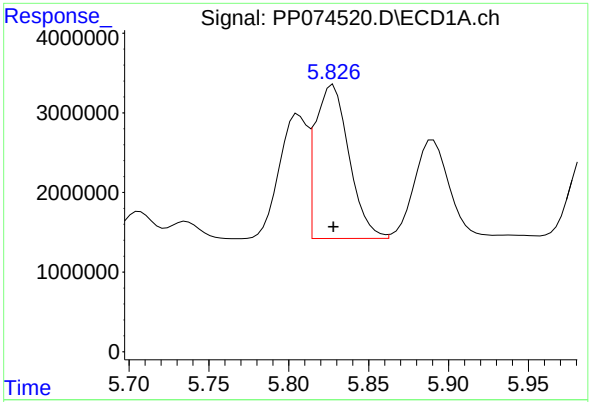

#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 14710079
Conc: 933.49 ng/ml




#12 AR-1232-2

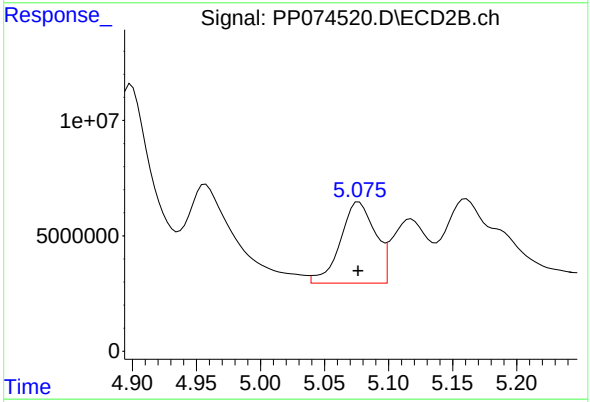
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 227474604
Conc: 981.37 ng/ml




#13 AR-1232-3

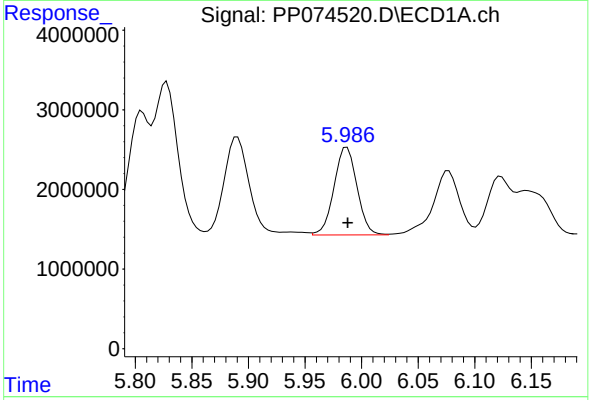
R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 28372669
Conc: 928.92 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



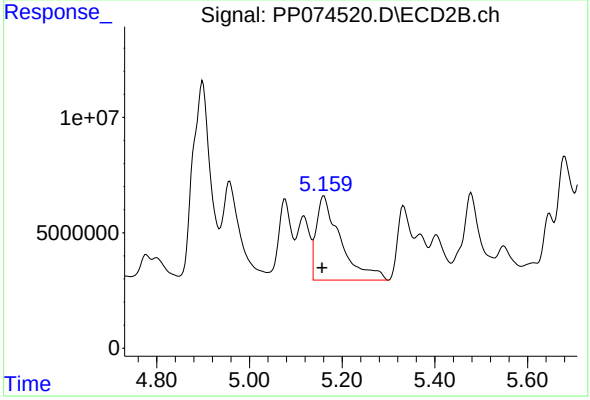

#13 AR-1232-3

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 66780181
Conc: 1111.90 ng/ml



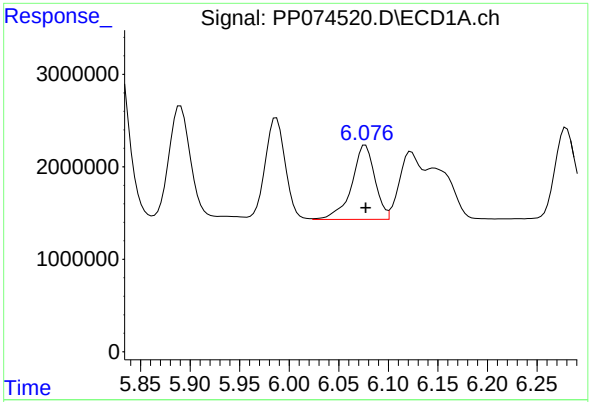

#14 AR-1232-4

R.T.: 5.987 min
Delta R.T.: 0.000 min
Response: 15591341
Conc: 902.84 ng/ml




#14 AR-1232-4

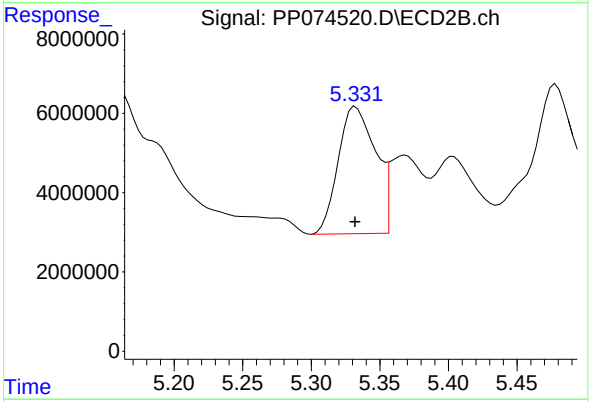
R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 134027668
Conc: 1818.38 ng/ml




#15 AR-1232-5

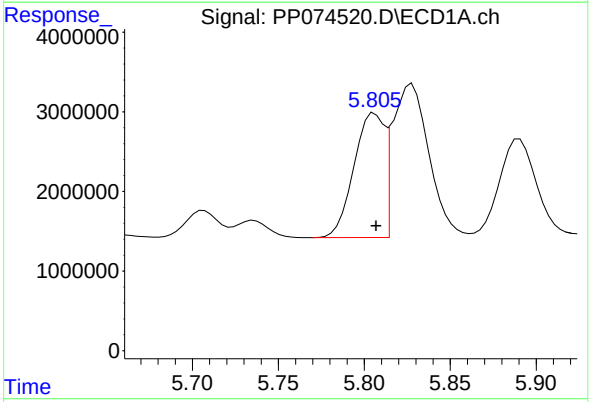
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 13090392
Conc: 1008.43 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



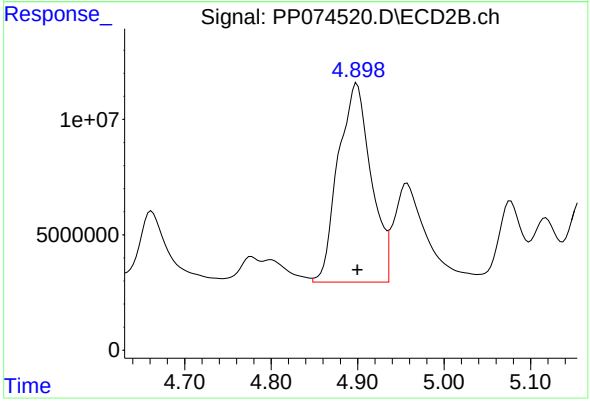

#15 AR-1232-5

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 60722583
Conc: 978.07 ng/ml



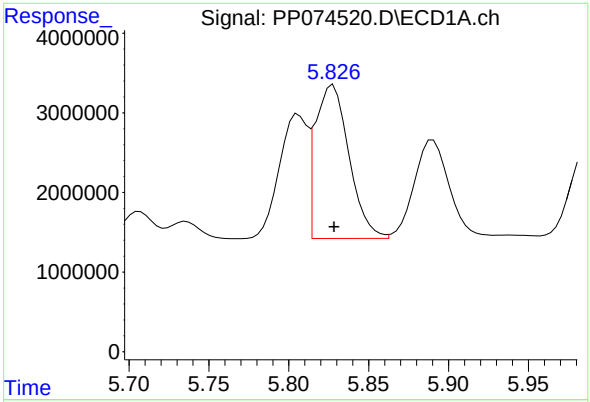

#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 19151882
Conc: 500.37 ng/ml




#16 AR-1242-1

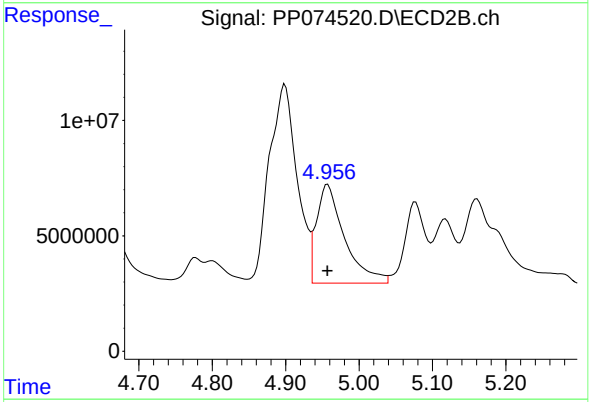
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 227474604
Conc: 539.36 ng/ml




#17 AR-1242-2

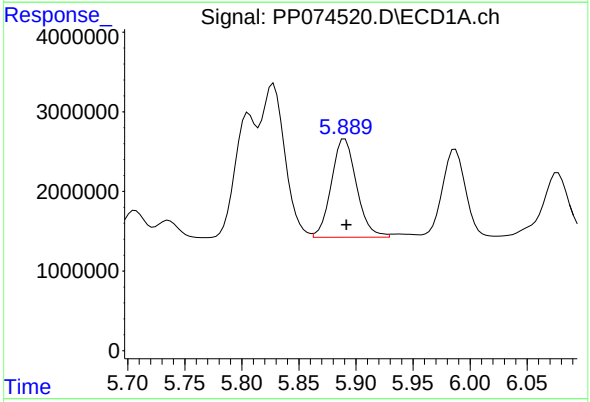
R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 28372669
Conc: 502.33 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



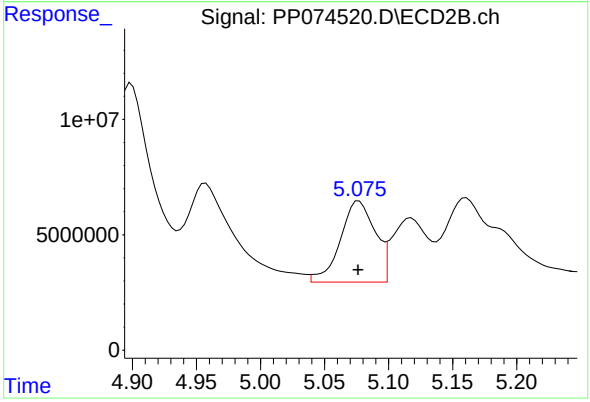

#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 113767896
Conc: 568.04 ng/ml



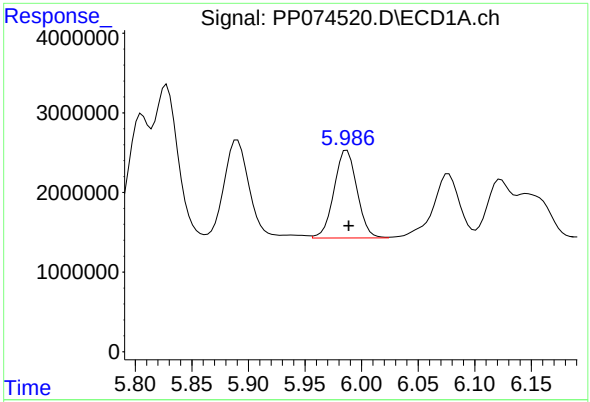

#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.001 min
Response: 19007473
Conc: 468.13 ng/ml




#18 AR-1242-3

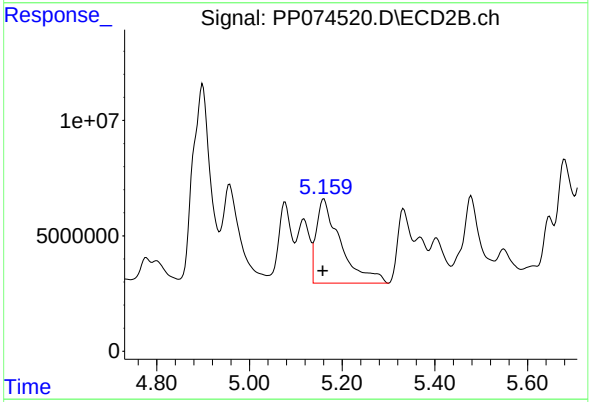
R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 66780181
Conc: 564.51 ng/ml




#19 AR-1242-4

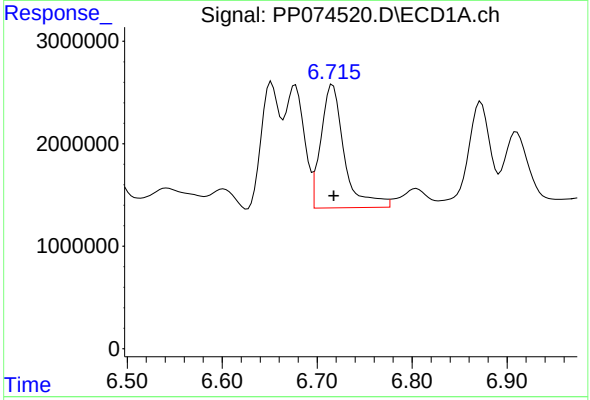
R.T.: 5.987 min
Delta R.T.: -0.001 min
Response: 15591341
Conc: 491.19 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



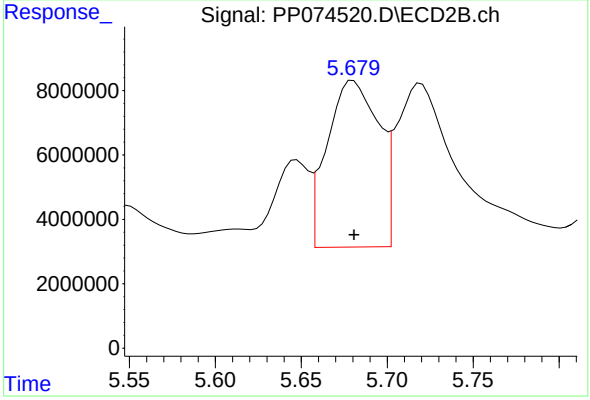

#19 AR-1242-4

R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 134027668
Conc: 783.06 ng/ml



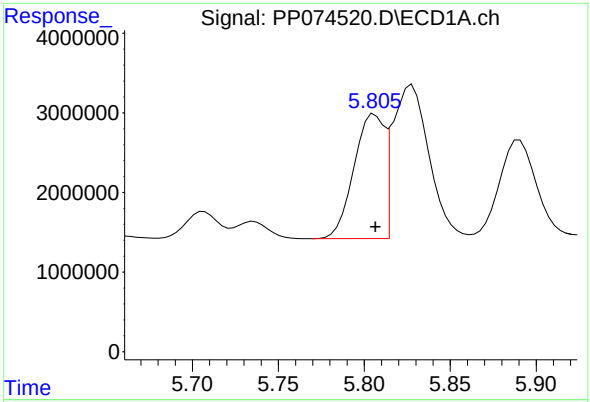

#20 AR-1242-5

R.T.: 6.716 min
Delta R.T.: -0.001 min
Response: 20582509
Conc: 570.62 ng/ml




#20 AR-1242-5

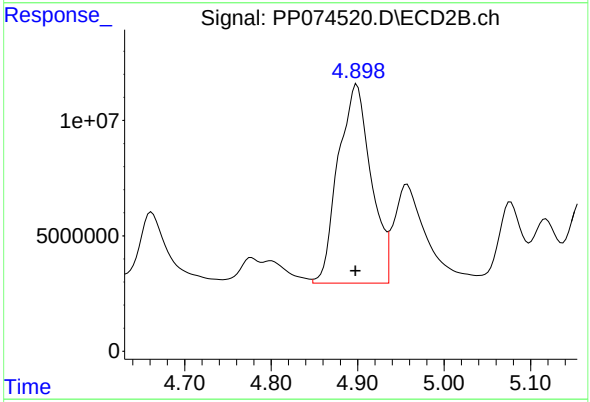
R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 107623434
Conc: 581.23 ng/ml




#21 AR-1248-1

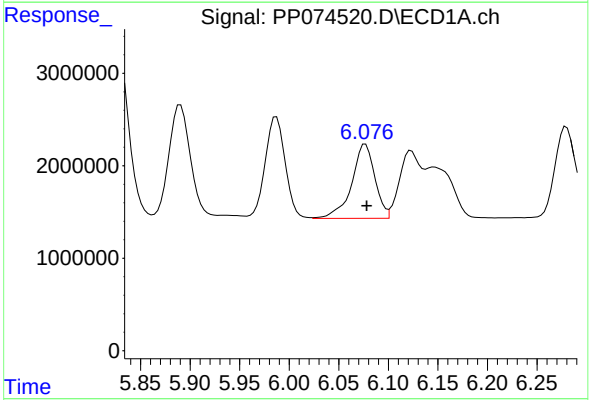
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 19151882
Conc: 633.66 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



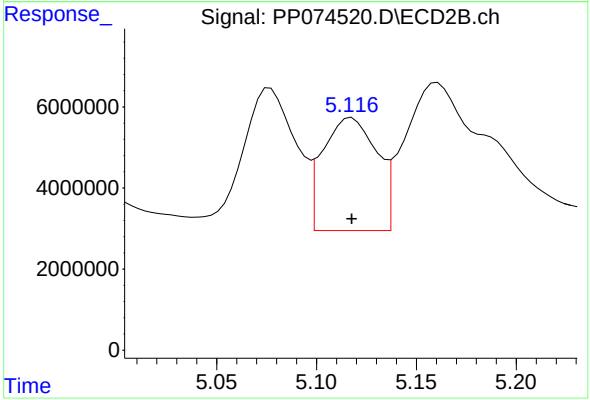

#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.002 min
Response: 227474604
Conc: 823.76 ng/ml



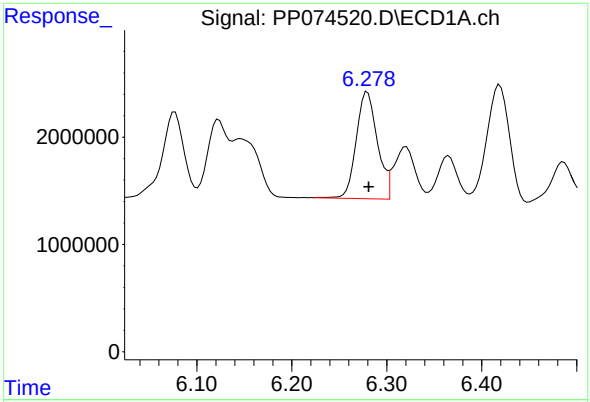

#22 AR-1248-2

R.T.: 6.077 min
Delta R.T.: -0.001 min
Response: 13090392
Conc: 303.75 ng/ml




#22 AR-1248-2

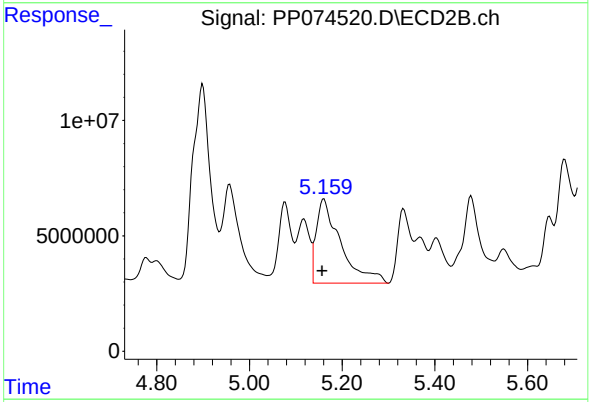
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 52176731
Conc: 295.19 ng/ml




#23 AR-1248-3

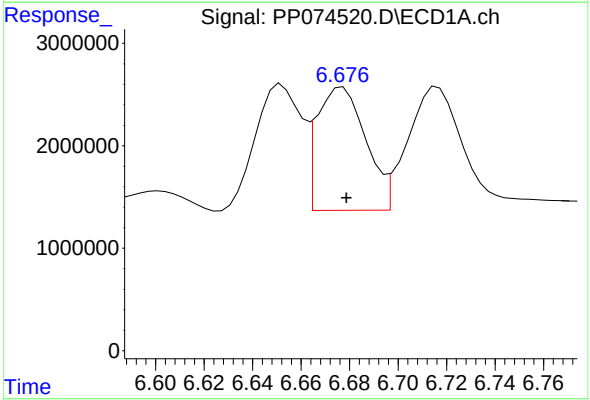
R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 15414821
Conc: 330.06 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



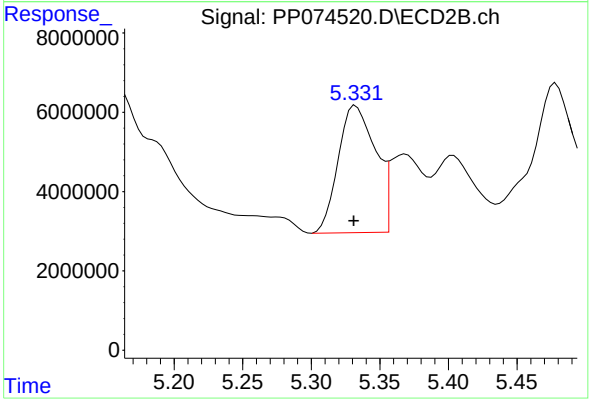

#23 AR-1248-3

R.T.: 5.161 min
Delta R.T.: 0.004 min
Response: 134027668
Conc: 589.90 ng/ml



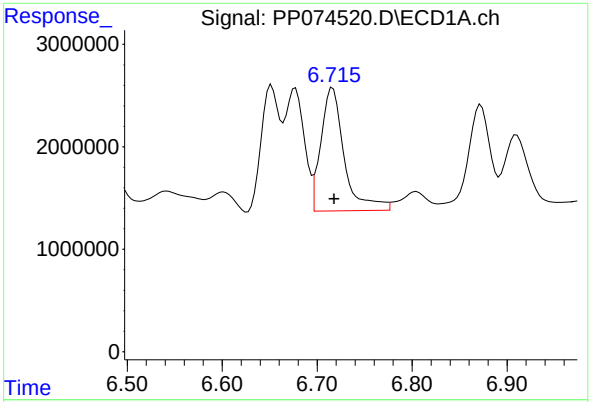

#24 AR-1248-4

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 16836929
Conc: 306.12 ng/ml




#24 AR-1248-4

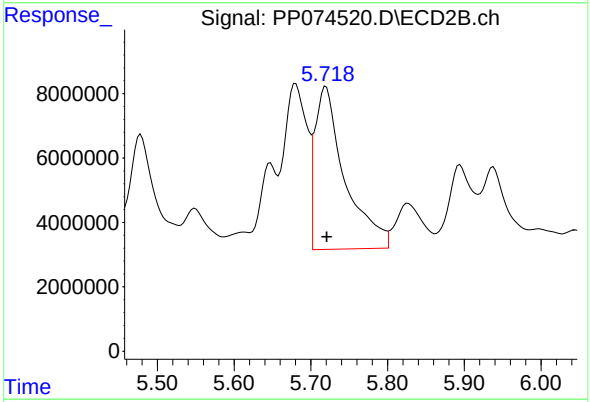
R.T.: 5.332 min
Delta R.T.: 0.002 min
Response: 60722583
Conc: 278.52 ng/ml




#25 AR-1248-5

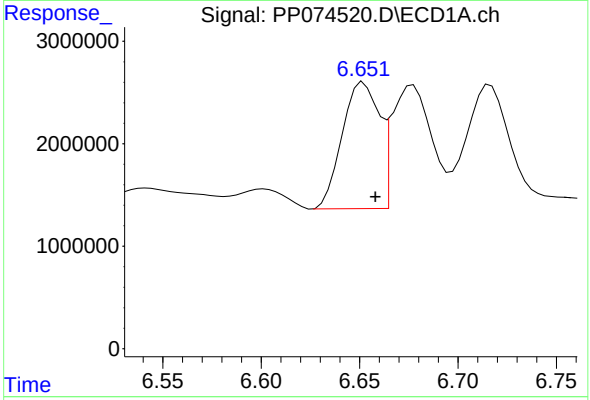
R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 20582509
Conc: 371.05 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



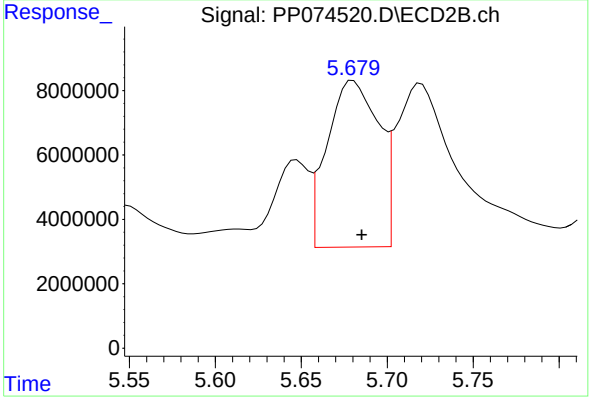

#25 AR-1248-5

R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 137027425
Conc: 373.04 ng/ml



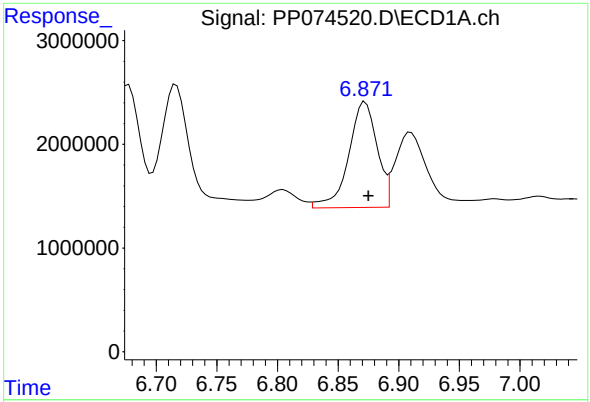

#26 AR-1254-1

R.T.: 6.652 min
Delta R.T.: -0.006 min
Response: 16195631
Conc: 277.94 ng/ml




#26 AR-1254-1

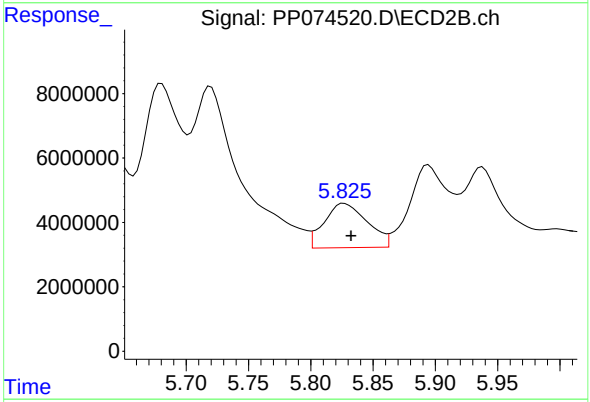
R.T.: 5.680 min
Delta R.T.: -0.005 min
Response: 107623434
Conc: 225.76 ng/ml




#27 AR-1254-2

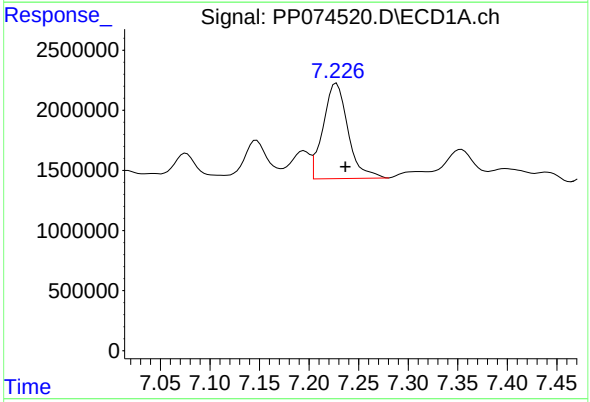
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 16590811
Conc: 203.28 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



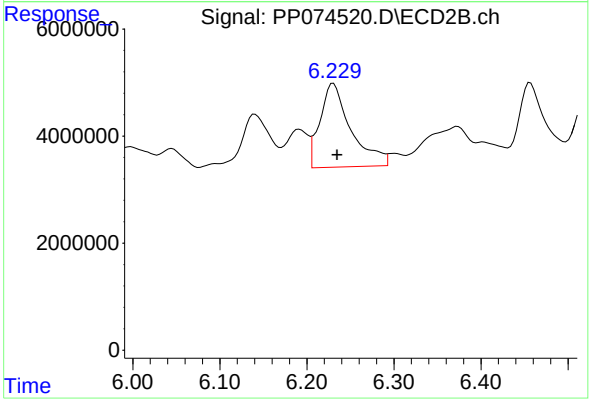

#27 AR-1254-2

R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 33231865
Conc: 94.37 ng/ml



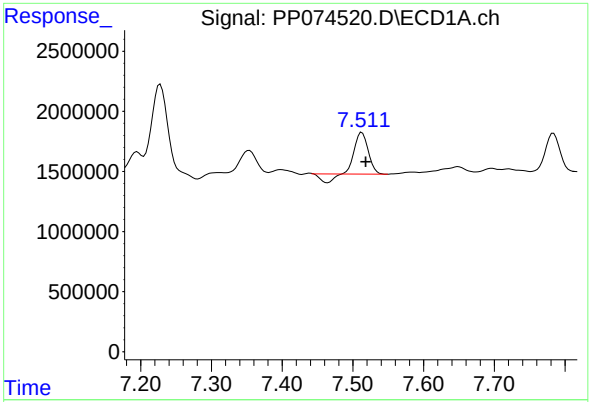

#28 AR-1254-3

R.T.: 7.228 min
Delta R.T.: -0.009 min
Response: 13848897
Conc: 155.25 ng/ml




#28 AR-1254-3

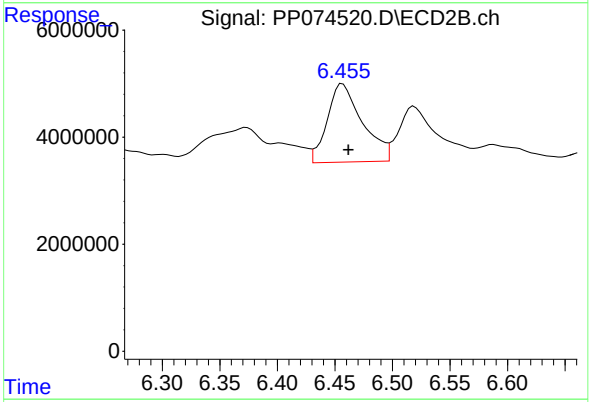
R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 38727598
Conc: 62.48 ng/ml




#29 AR-1254-4

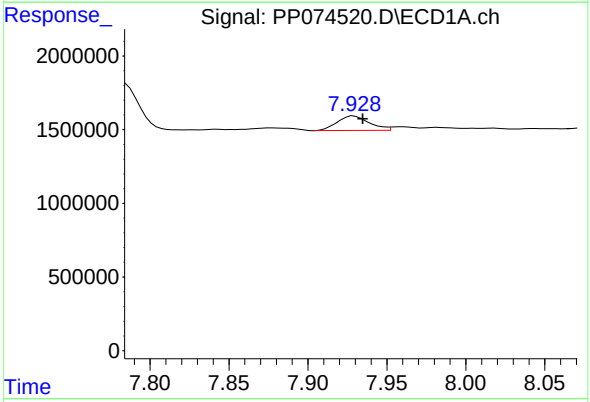
R.T.: 7.513 min
Delta R.T.: -0.005 min
Response: 3963718
Conc: 60.14 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



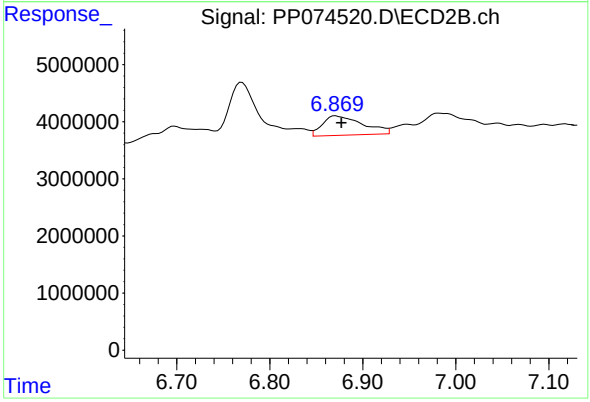

#29 AR-1254-4

R.T.: 6.457 min
Delta R.T.: -0.005 min
Response: 31225763
Conc: 66.63 ng/ml



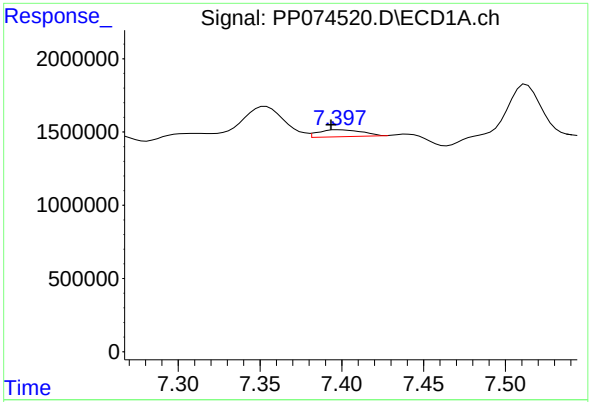

#30 AR-1254-5

R.T.: 7.929 min
Delta R.T.: -0.005 min
Response: 1399533
Conc: 16.84 ng/ml




#30 AR-1254-5

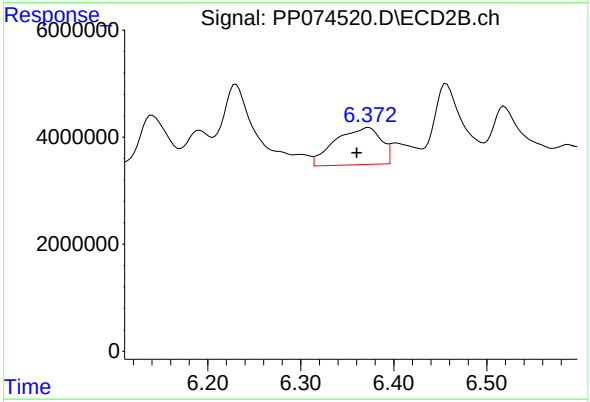
R.T.: 6.871 min
Delta R.T.: -0.006 min
Response: 10303689
Conc: 21.01 ng/ml




#31 AR-1260-1

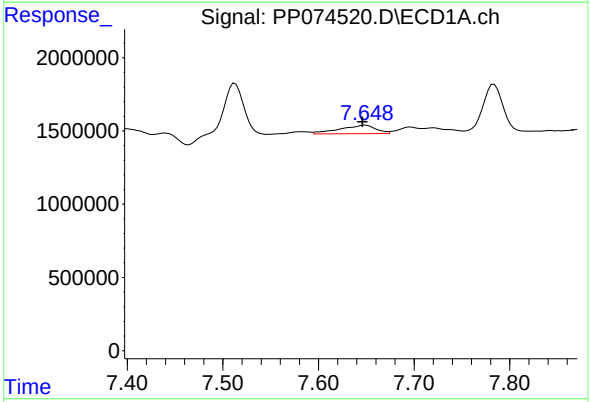
R.T.: 7.399 min
Delta R.T.: 0.005 min
Response: 876411
Conc: 15.16 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



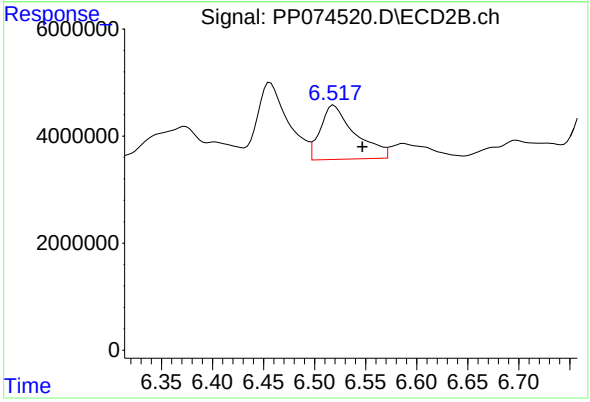

#31 AR-1260-1

R.T.: 6.373 min
Delta R.T.: 0.013 min
Response: 23824604
Conc: 63.49 ng/ml



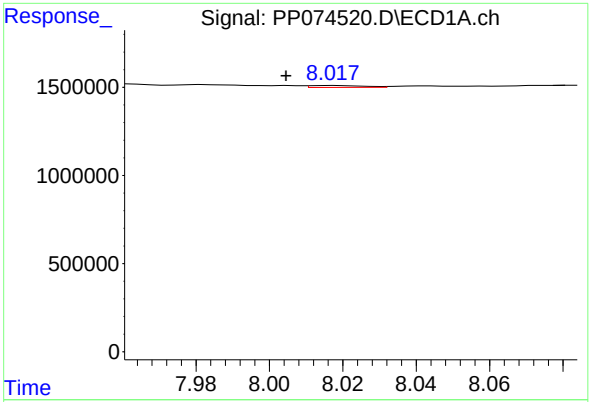

#32 AR-1260-2

R.T.: 7.649 min
Delta R.T.: 0.003 min
Response: 1535117
Conc: 22.27 ng/ml




#32 AR-1260-2

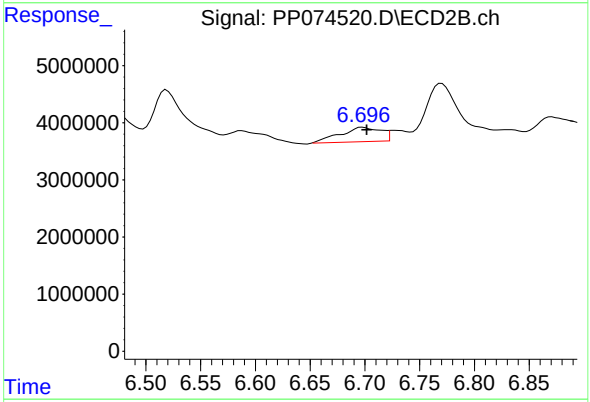
R.T.: 6.519 min
Delta R.T.: -0.028 min
Response: 23918442
Conc: 45.23 ng/ml




#33 AR-1260-3

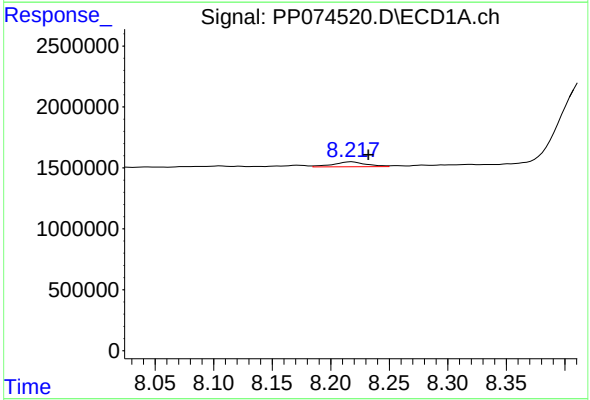
R.T.: 8.018 min
Delta R.T.: 0.013 min
Response: 112109
Conc: 2.16 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



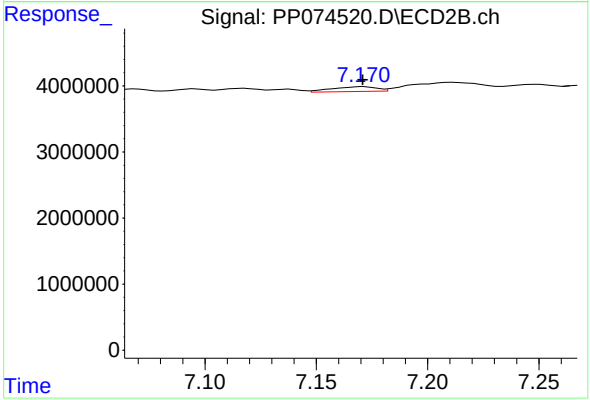

#33 AR-1260-3

R.T.: 6.698 min
Delta R.T.: -0.004 min
Response: 6537732
Conc: 15.10 ng/ml



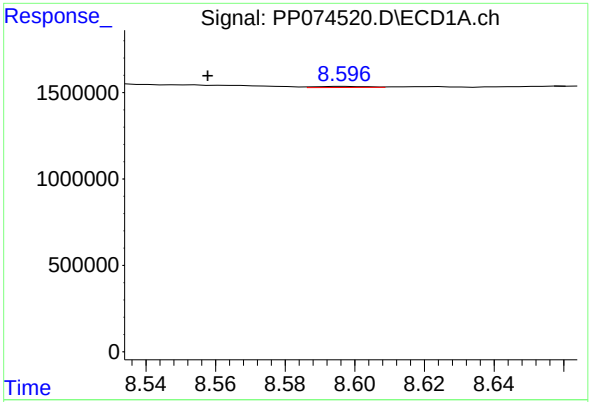

#34 AR-1260-4

R.T.: 8.218 min
Delta R.T.: -0.014 min
Response: 786980
Conc: 12.34 ng/ml




#34 AR-1260-4

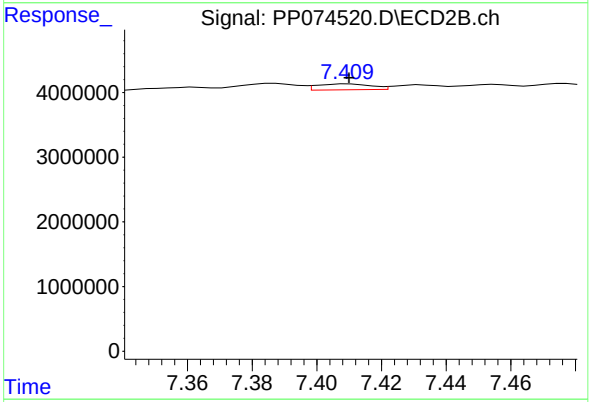
R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 1028159
Conc: 2.70 ng/ml




#35 AR-1260-5

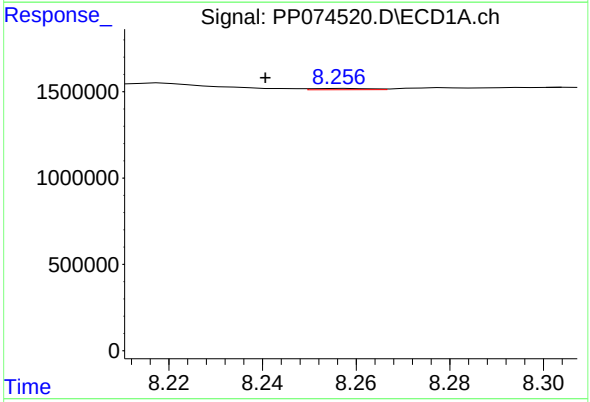
R.T.: 8.597 min
Delta R.T.: 0.039 min
Response: 65071
Conc: 0.57 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



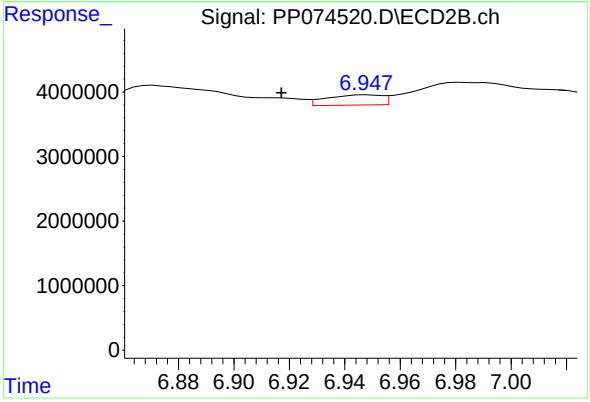

#35 AR-1260-5

R.T.: 7.410 min
Delta R.T.: 0.000 min
Response: 1074464
Conc: 1.07 ng/ml



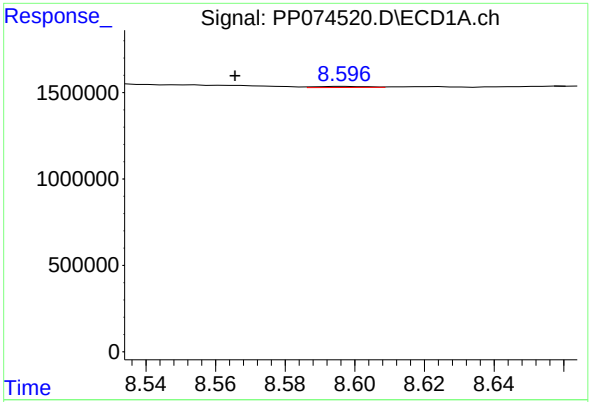

#36 AR-1262-1

R.T.: 8.257 min
Delta R.T.: 0.016 min
Response: 62346
Conc: 0.81 ng/ml




#36 AR-1262-1

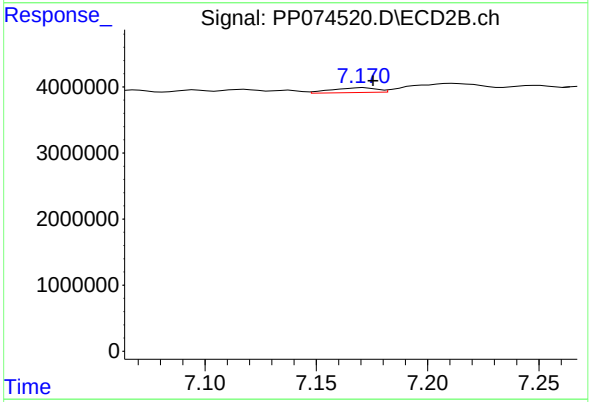
R.T.: 6.948 min
Delta R.T.: 0.031 min
Response: 2191081
Conc: 3.10 ng/ml




#37 AR-1262-2

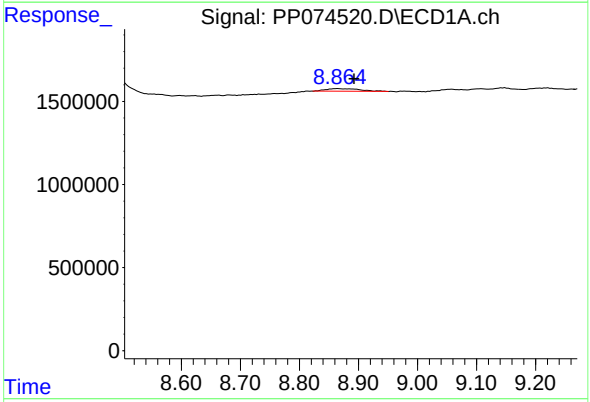
R.T.: 8.597 min
Delta R.T.: 0.032 min
Response: 65071
Conc: 0.49 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



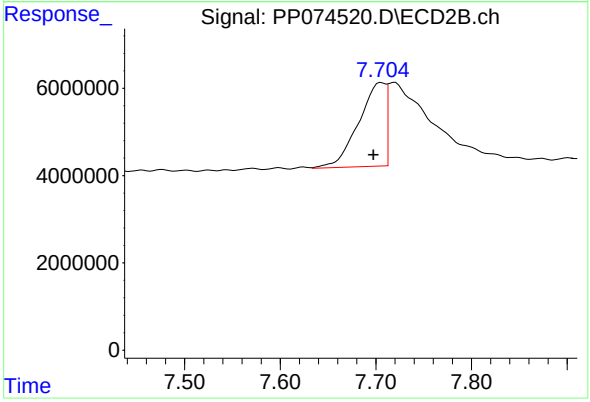

#37 AR-1262-2

R.T.: 7.171 min
Delta R.T.: -0.004 min
Response: 1028159
Conc: 1.97 ng/ml



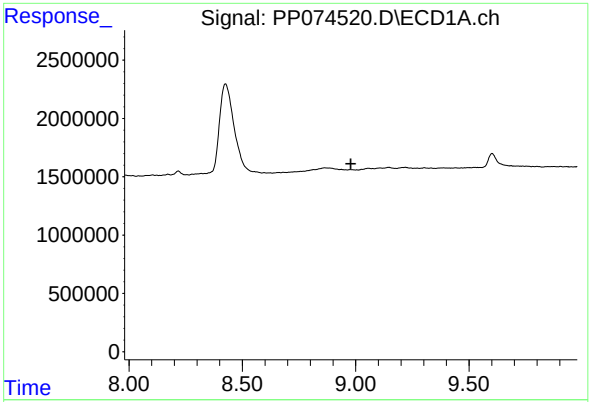

#38 AR-1262-3

R.T.: 8.865 min
Delta R.T.: -0.028 min
Response: 647020
Conc: 6.66 ng/ml




#38 AR-1262-3

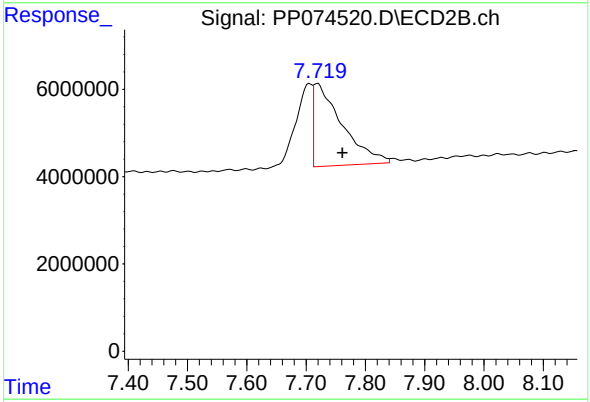
R.T.: 7.706 min
Delta R.T.: 0.008 min
Response: 37319381
Conc: 80.03 ng/ml




#39 AR-1262-4

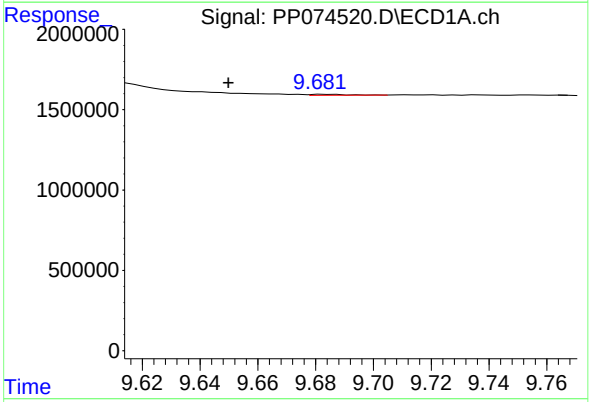
R.T.: 0.000 min
Exp R.T. : 8.979 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



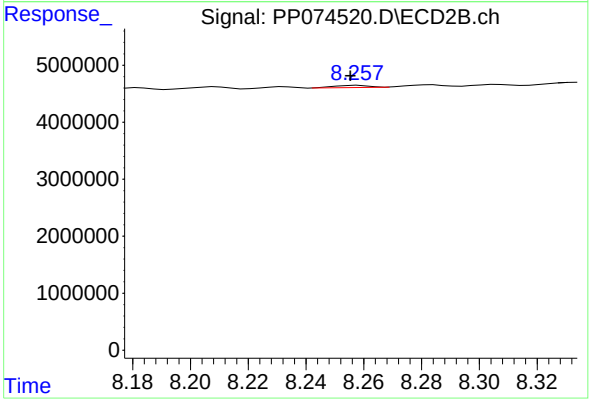

#39 AR-1262-4

R.T.: 7.720 min
Delta R.T.: -0.041 min
Response: 63417543
Conc: 77.16 ng/ml



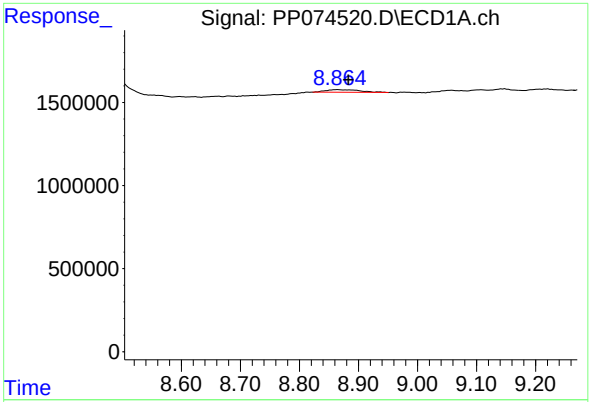

#40 AR-1262-5

R.T.: 9.683 min
Delta R.T.: 0.033 min
Response: 48492
Conc: 0.80 ng/ml




#40 AR-1262-5

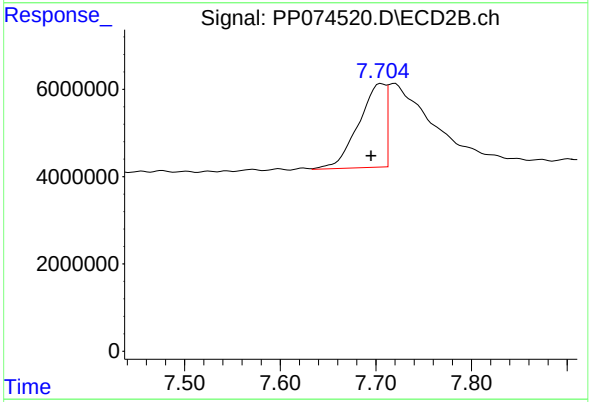
R.T.: 8.258 min
Delta R.T.: 0.003 min
Response: 333747
Conc: 0.93 ng/ml




#41 AR-1268-1

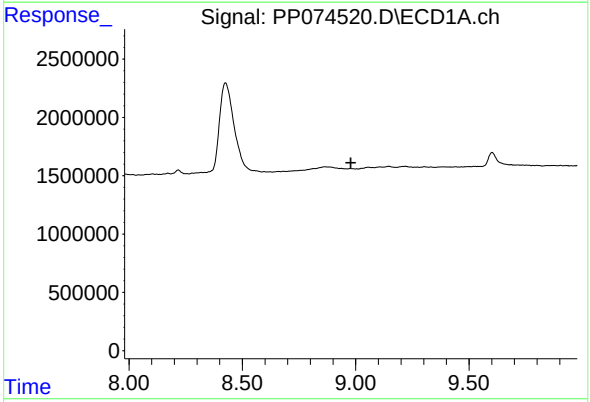
R.T.: 8.865 min
Delta R.T.: -0.018 min
Response: 647020
Conc: 3.99 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



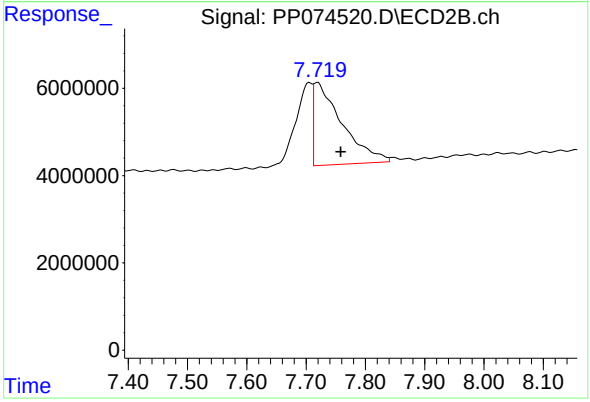

#41 AR-1268-1

R.T.: 7.706 min
Delta R.T.: 0.011 min
Response: 37319381
Conc: 26.46 ng/ml



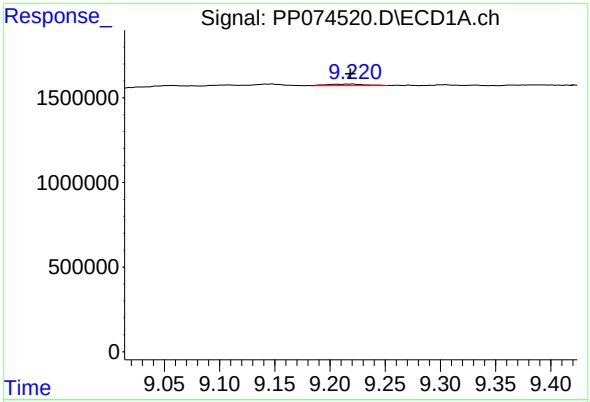

#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.978 min
Response: 0
Conc: N.D.




#42 AR-1268-2

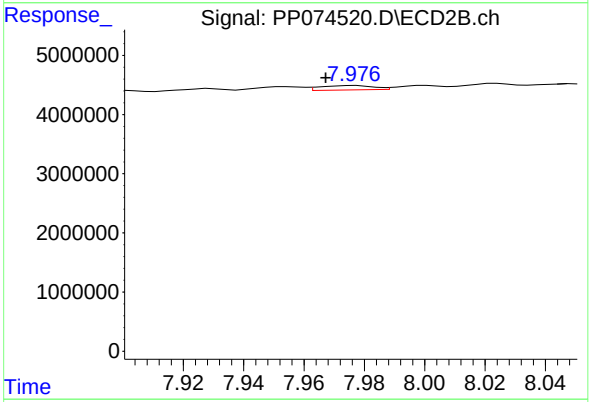
R.T.: 7.720 min
Delta R.T.: -0.038 min
Response: 63417543
Conc: 46.51 ng/ml




#43 AR-1268-3

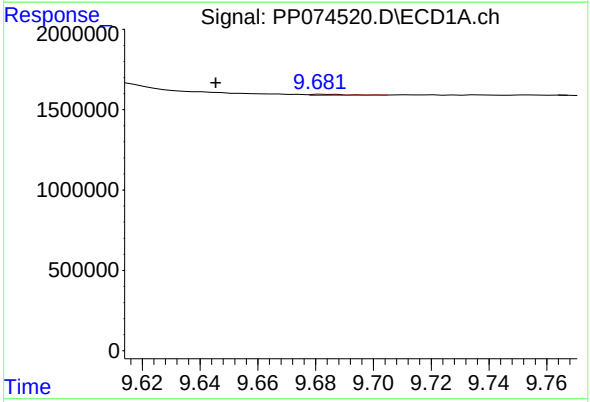
R.T.: 9.207 min
Delta R.T.: -0.011 min
Response: 222660
Conc: 1.80 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242



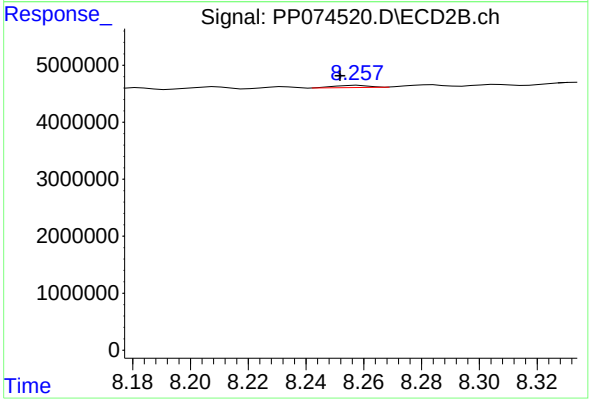

#43 AR-1268-3

R.T.: 7.977 min
Delta R.T.: 0.010 min
Response: 915286
Conc: 0.88 ng/ml



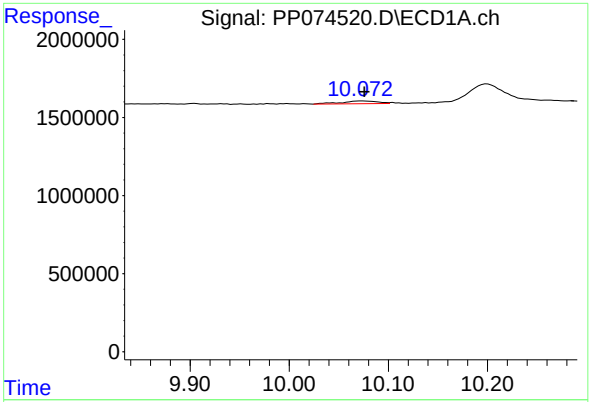

#44 AR-1268-4

R.T.: 9.683 min
Delta R.T.: 0.038 min
Response: 48492
Conc: 0.72 ng/ml




#44 AR-1268-4

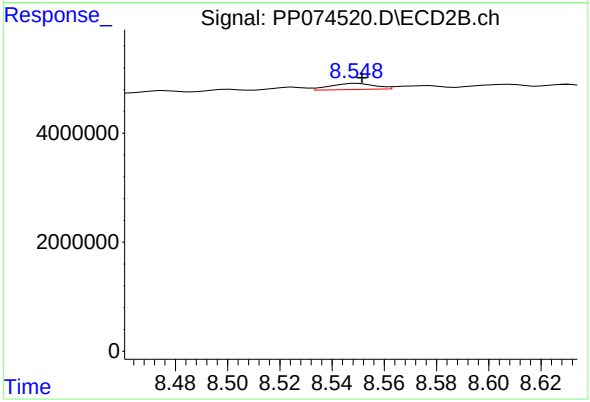
R.T.: 8.258 min
Delta R.T.: 0.006 min
Response: 333747
Conc: 0.87 ng/ml




#45 AR-1268-5

R.T.: 10.073 min
Delta R.T.: -0.003 min
Response: 428631
Conc: 1.16 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1242




#45 AR-1268-5

R.T.: 8.550 min
Delta R.T.: -0.002 min
Response: 1330808
Conc: 0.42 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:29
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.652 | 3.800 | 59071103 | 245.5E6 | 48.273 | 50.777 | |
| 2) | SA Decachlor... | 10.426 | 8.814 | 53112171 | 392.5E6 | 53.784 | 52.342 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.803 | 4.899 | 15042012 | 140.4E6 | 341.175 | 275.550 | |
| 4) | L1 AR-1016-2 | 5.825 | 4.956 | 17746992 | 52588032 | 282.408 | 220.944 | |
| 5) | L1 AR-1016-3 | 5.888 | 5.078 | 10066156 | 36566881 | 224.121 | 265.163 | |
| 6) | L1 AR-1016-4 | 5.984 | 5.118 | 10769032 | 94490320 | 306.097 | 675.881 | # |
| 7) | L1 AR-1016-5 | 6.277 | 5.332 | 23315343 | 110.6E6 | 702.564 | 665.972 | |
| 8) | L2 AR-1221-1 | 4.846 | 4.006 | 216898 | 747816 | 12.329 | 12.087 | |
| 9) | L2 AR-1221-2 | 4.954 | 4.096 | 1214218 | 3909444 | 90.904 | 86.469 | |
| 10) | L2 AR-1221-3 | 5.013 | 4.173 | 1279256 | 4993605 | 33.742 | 30.394 | |
| 11) | L3 AR-1232-1 | 5.013 | 4.173 | 1279256 | 4993605 | 42.117 | 38.983 | |
| 12) | L3 AR-1232-2 | 5.539 | 4.899 | 6687296 | 140.4E6 | 424.369 | 605.507 | # |
| 13) | L3 AR-1232-3 | 5.825 | 5.078 | 17746992 | 36566881 | 581.036 | 608.842 | |
| 14) | L3 AR-1232-4 | 5.984 | 5.161 | 10769032 | 161.6E6 | 623.595 | 2192.991 | # |
| 15) | L3 AR-1232-5 | 6.074 | 5.332 | 21382962 | 110.6E6 | 1647.256 | 1781.574 | |
| 16) | L4 AR-1242-1 | 5.803 | 4.899 | 15042012 | 140.4E6 | 392.996 | 332.784 | |
| 17) | L4 AR-1242-2 | 5.825 | 4.956 | 17746992 | 52588032 | 314.206 | 262.569 | |
| 18) | L4 AR-1242-3 | 5.888 | 5.078 | 10066156 | 36566881 | 247.917 | 309.108 | |
| 19) | L4 AR-1242-4 | 5.984 | 5.161 | 10769032 | 161.6E6 | 339.269 | 944.380 | # |
| 20) | L4 AR-1242-5 | 6.714 | 5.681 | 26936491 | 186.4E6 | 746.771 | 1006.617 | # |
| 21) | L5 AR-1248-1 | 5.803 | 4.899 | 15042012 | 140.4E6 | 497.684 | 508.260 | |
| 22) | L5 AR-1248-2 | 6.074 | 5.118 | 21382962 | 94490320 | 496.170 | 534.582 | |
| 23) | L5 AR-1248-3 | 6.277 | 5.161 | 23315343 | 161.6E6 | 499.219 | 711.431 | # |
| 24) | L5 AR-1248-4 | 6.675 | 5.332 | 26915269 | 110.6E6 | 489.361 | 507.322 | |
| 25) | L5 AR-1248-5 | 6.714 | 5.722 | 26936491 | 191.5E6 | 485.601 | 521.315 | |
| 26) | L6 AR-1254-1 | 6.650 | 5.681 | 20442764 | 186.4E6 | 350.832 | 390.991 | |
| 27) | L6 AR-1254-2 | 6.870 | 5.829 | 26686373 | 57988154 | 326.975 | 164.677 | # |
| 28) | L6 AR-1254-3 | 7.229 | 6.231 | 16004914 | 86391291 | 179.414 | 139.385 | |
| 29) | L6 AR-1254-4 | 7.510 | 6.457 | 11092455 | 66443525 | 168.288 | 141.784 | |
| 30) | L6 AR-1254-5 | 7.926 | 6.873 | 3448917 | 14778189 | 41.511 | 30.129 | # |
| 31) | L7 AR-1260-1 | 7.396 | 6.372 | 1752654 | 36681561 | 30.318 | 97.759 | # |
| 32) | L7 AR-1260-2 | 7.644 | 6.547 | 2664185 | 8615864 | 38.658 | 16.293 | # |
| 33) | L7 AR-1260-3 | 7.991 | 6.698 | 570343 | 7559229 | 10.992 | 17.458 | # |
| 34) | L7 AR-1260-4 | 8.215 | 7.165 | 1398266 | 439289 | 21.919 | 1.152 | # |
| 35) | L7 AR-1260-5 | 8.556 | 7.409 | 601058 | 2988177 | 5.300 | 2.975 | # |
| 36) | L8 AR-1262-1 | 8.215 | 6.938 | 1398266 | 1407859 | 18.156 | 1.991 | # |
| 37) | L8 AR-1262-2 | 8.556 | 7.165 | 601058 | 439289 | 4.540 | 0.844 | # |
| 38) | L8 AR-1262-3 | 8.888 | 7.697 | 667952 | 1593207 | 6.871 | 3.417 | # |
| 39) | L8 AR-1262-4 | 0.000 | 7.756 | 0 | 4110283 | N.D. | 5.001 | # |
| 40) | L8 AR-1262-5 | 9.674 | 8.254 | 98092 | 713137 | 1.609 | 1.990 | |
| 41) | L9 AR-1268-1 | 8.888 | 7.697 | 667952 | 1593207 | 4.122 | 1.130 | # |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:29
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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 |
|---|---|---|---|---|---|---|---|
| 42) L9 | AR-1268-2 | 0.000 | 7.756 | 0 | 4110283 | N.D. | 3.015 # |
| 43) L9 | AR-1268-3 | 9.216 | 7.956 | 213416 | 942917 | 1.727 | 0.904 # |
| 44) L9 | AR-1268-4 | 9.674 | 8.254 | 98092 | 713137 | 1.458 | 1.862 # |
| 45) L9 | AR-1268-5 | 10.067 | 8.558 | 437264 | 781232 | 1.181 | 0.249 # |

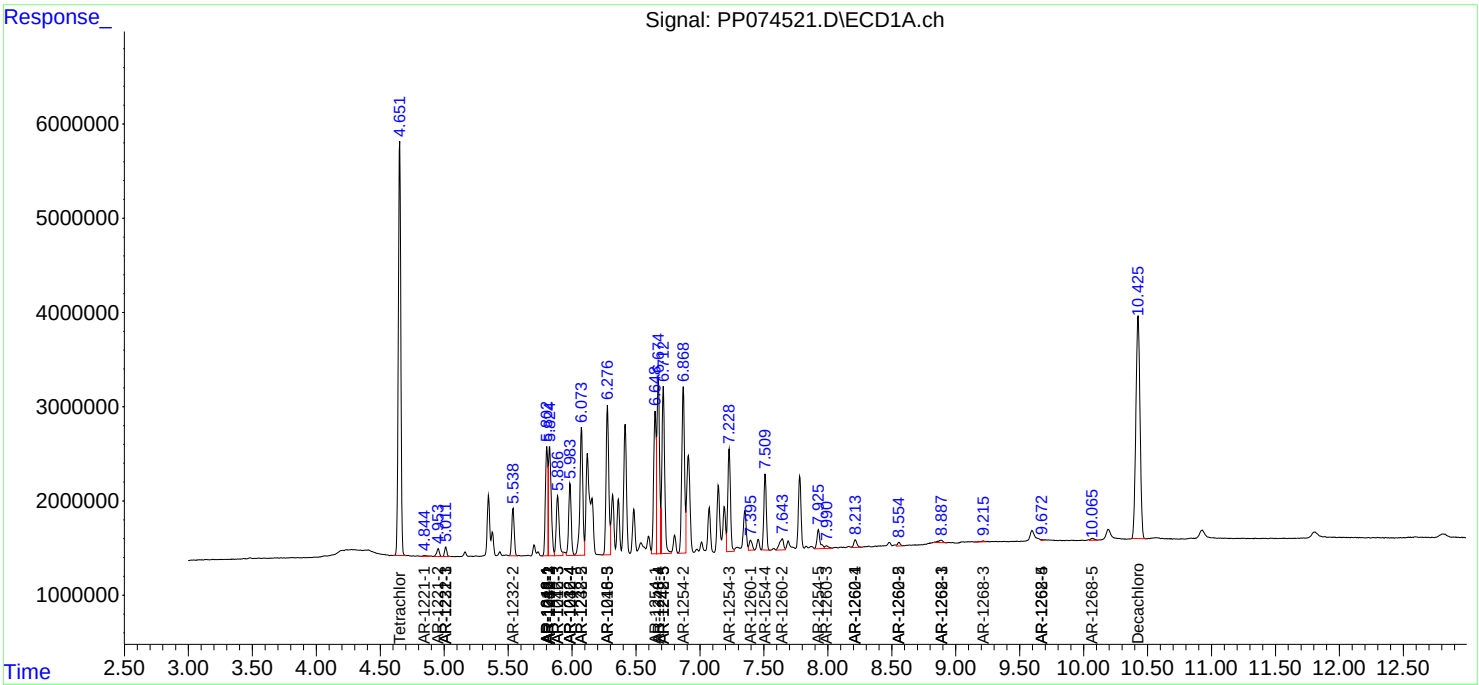
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

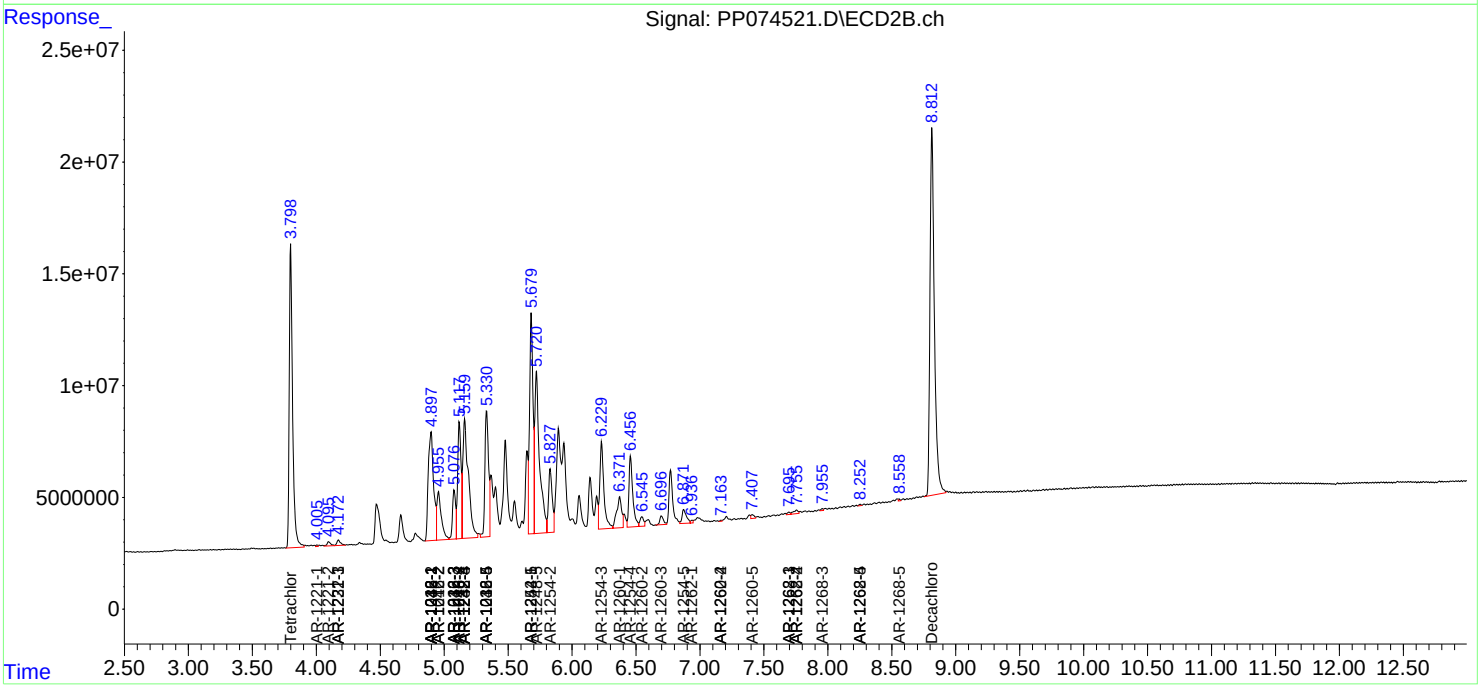
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:29
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

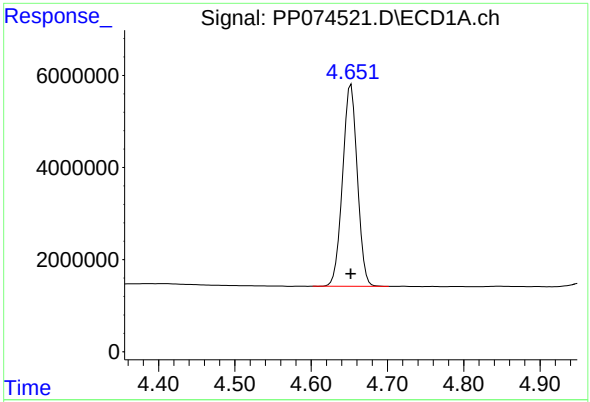
**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



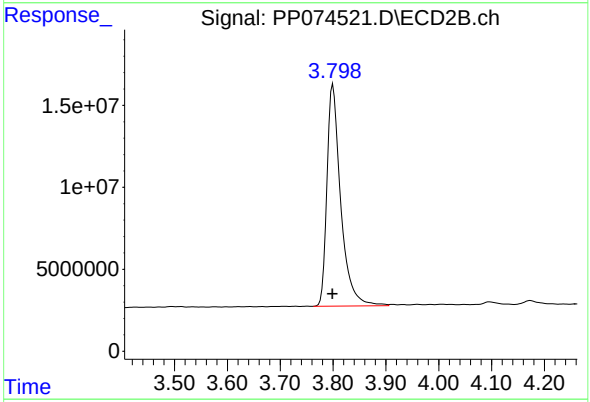






#1 Tetrachloro-m-xylene

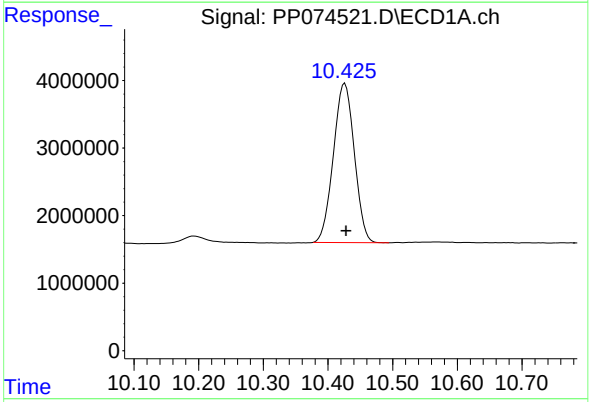
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 59071103
Conc: 48.27 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



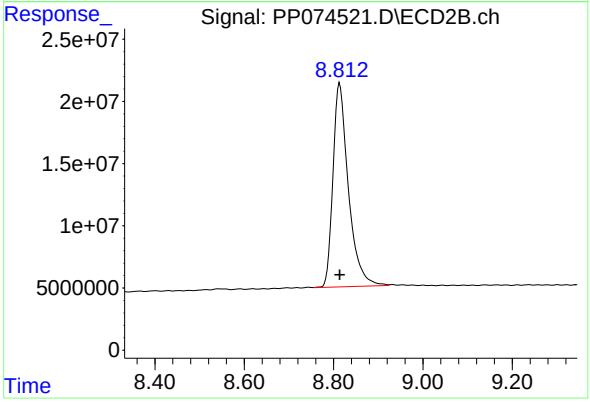

#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 245528806
Conc: 50.78 ng/ml



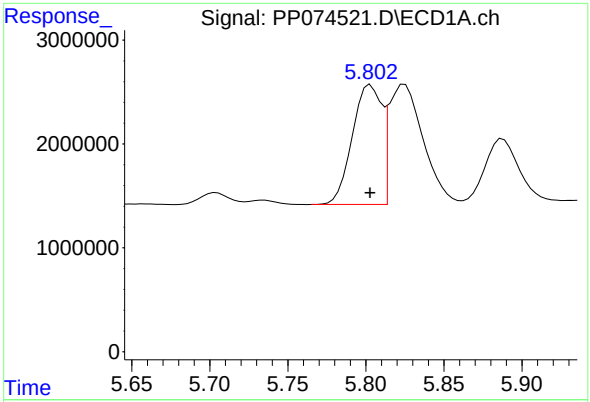

#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: -0.002 min
Response: 53112171
Conc: 53.78 ng/ml




#2 Decachlorobiphenyl

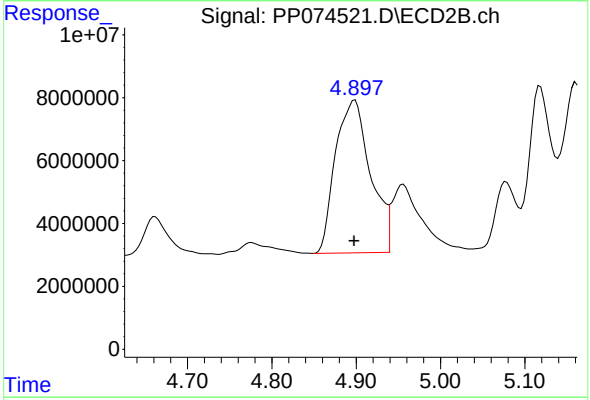
R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 392519727
Conc: 52.34 ng/ml




#3 AR-1016-1

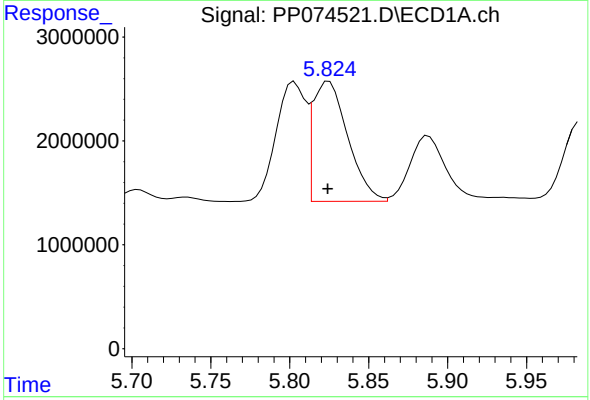
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 15042012
Conc: 341.17 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



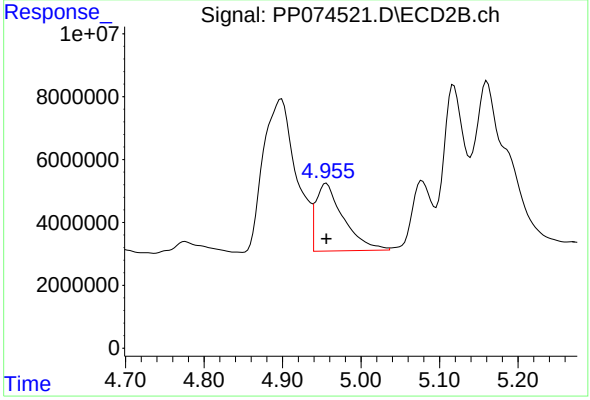

#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.001 min
Response: 140352493
Conc: 275.55 ng/ml



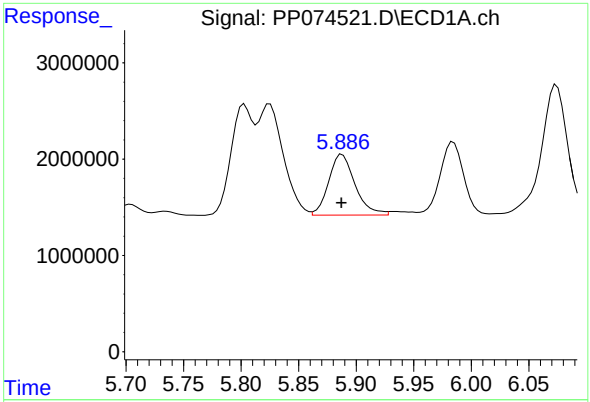

#4 AR-1016-2

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 17746992
Conc: 282.41 ng/ml




#4 AR-1016-2

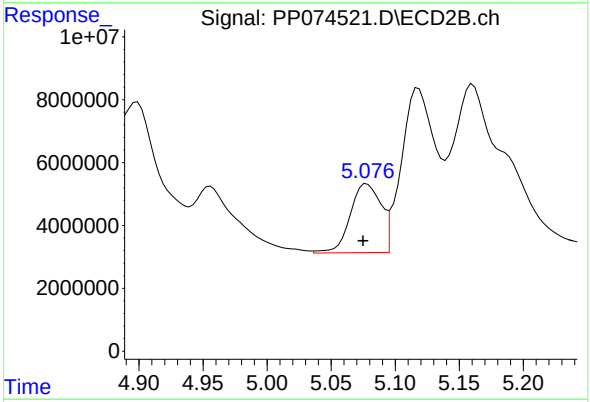
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 52588032
Conc: 220.94 ng/ml




#5 AR-1016-3

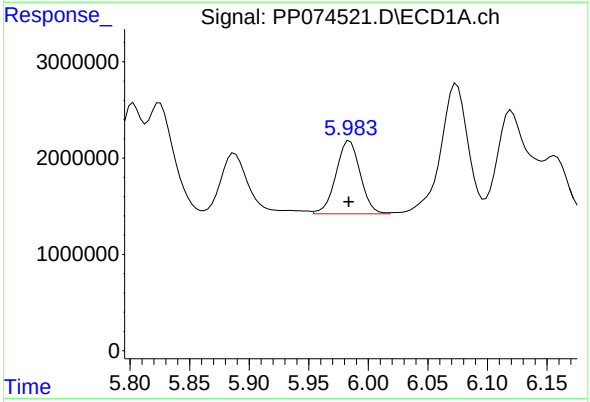
R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 10066156
Conc: 224.12 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



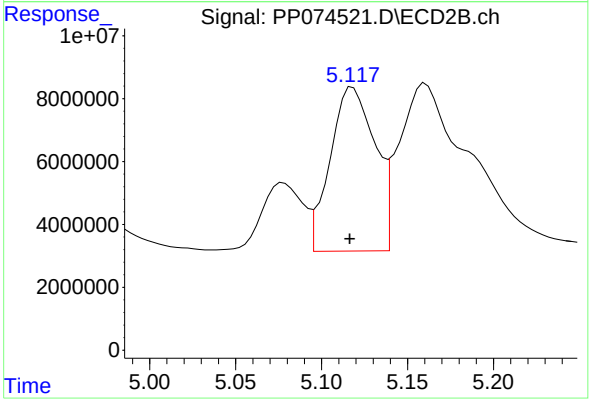

#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: 0.003 min
Response: 36566881
Conc: 265.16 ng/ml



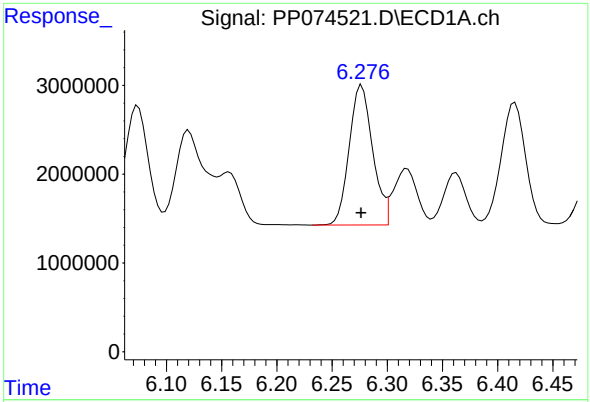

#6 AR-1016-4

R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 10769032
Conc: 306.10 ng/ml




#6 AR-1016-4

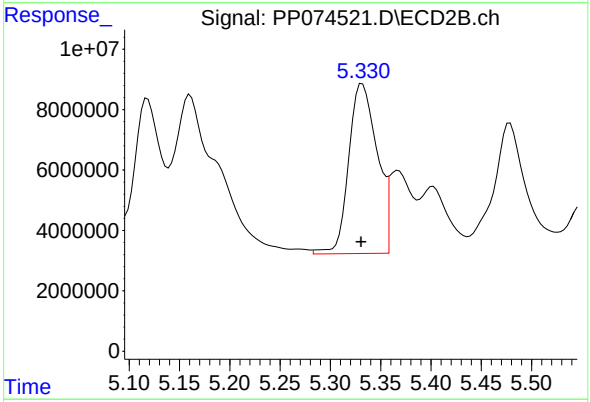
R.T.: 5.118 min
Delta R.T.: 0.002 min
Response: 94490320
Conc: 675.88 ng/ml




#7 AR-1016-5

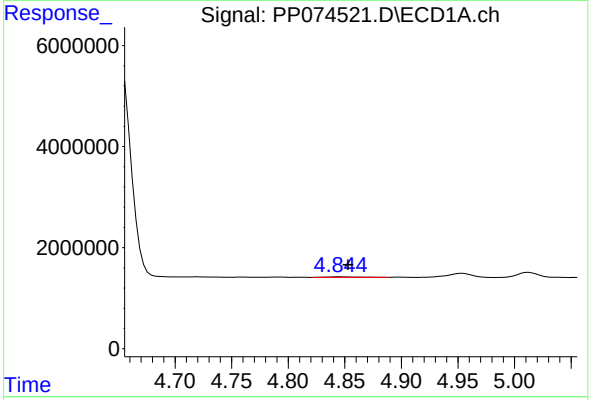
R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 23315343
Conc: 702.56 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



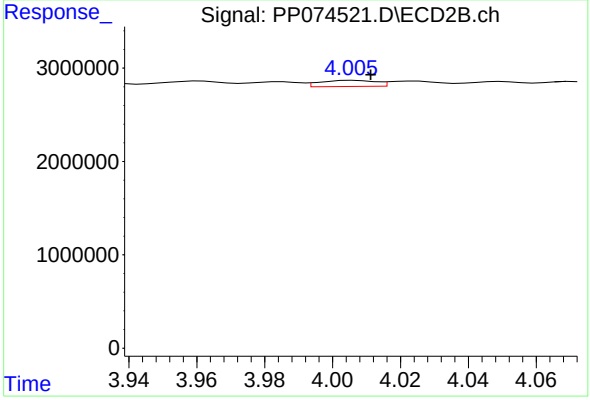

#7 AR-1016-5

R.T.: 5.332 min
Delta R.T.: 0.001 min
Response: 110606875
Conc: 665.97 ng/ml



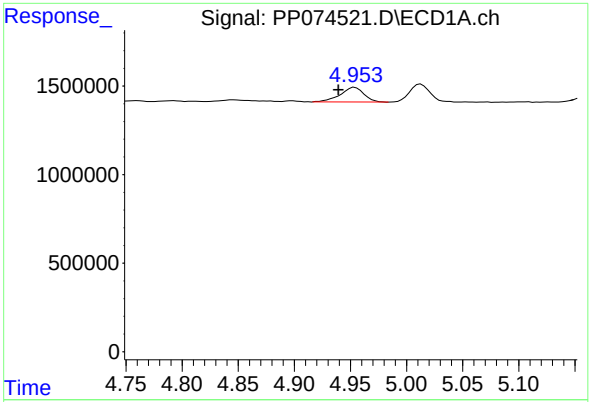

#8 AR-1221-1

R.T.: 4.846 min
Delta R.T.: -0.007 min
Response: 216898
Conc: 12.33 ng/ml




#8 AR-1221-1

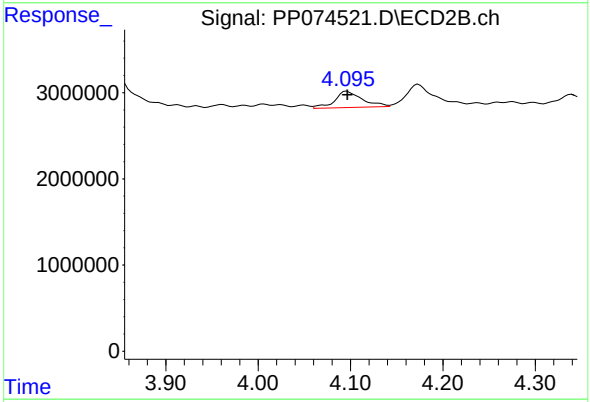
R.T.: 4.006 min
Delta R.T.: -0.005 min
Response: 747816
Conc: 12.09 ng/ml




#9 AR-1221-2

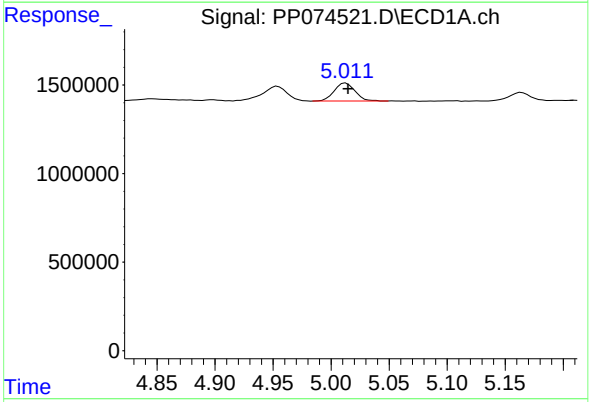
R.T.: 4.954 min
Delta R.T.: 0.015 min
Response: 1214218
Conc: 90.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



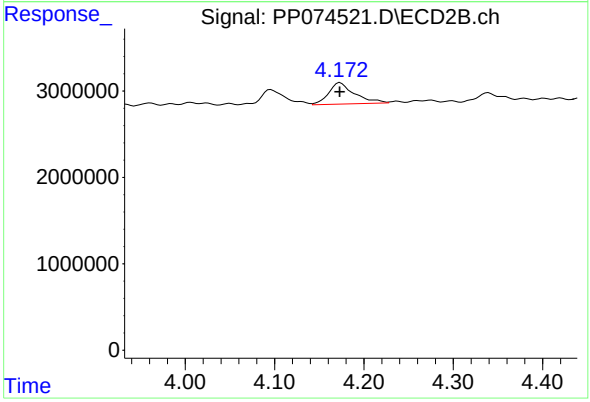

#9 AR-1221-2

R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 3909444
Conc: 86.47 ng/ml



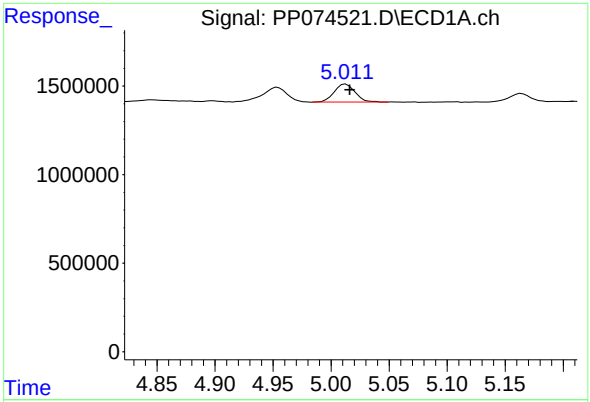

#10 AR-1221-3

R.T.: 5.013 min
Delta R.T.: -0.002 min
Response: 1279256
Conc: 33.74 ng/ml




#10 AR-1221-3

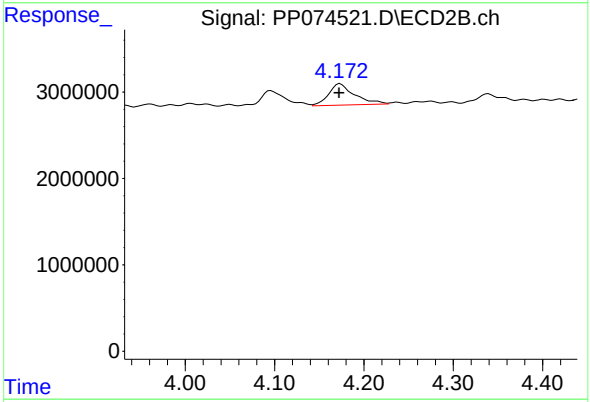
R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 4993605
Conc: 30.39 ng/ml




#11 AR-1232-1

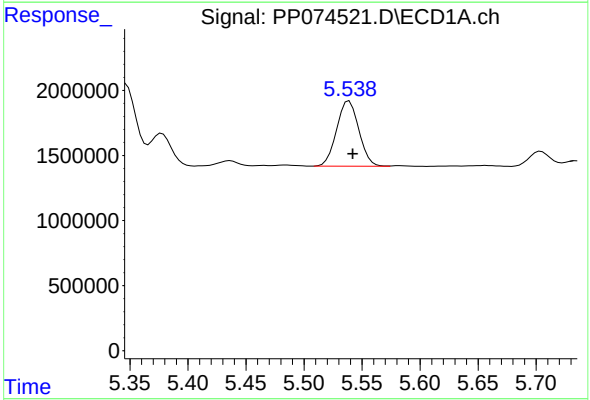
R.T.: 5.013 min
Delta R.T.: -0.003 min
Response: 1279256
Conc: 42.12 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



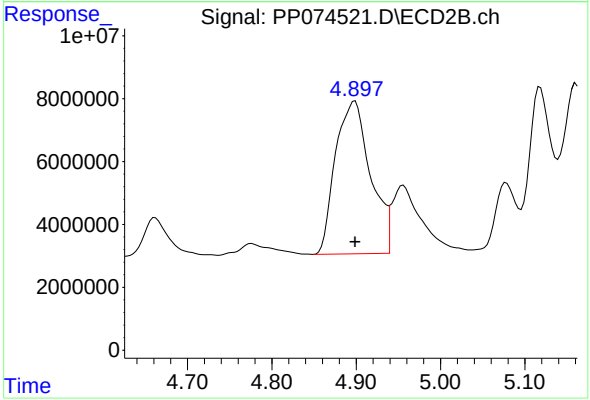

#11 AR-1232-1

R.T.: 4.173 min
Delta R.T.: 0.001 min
Response: 4993605
Conc: 38.98 ng/ml



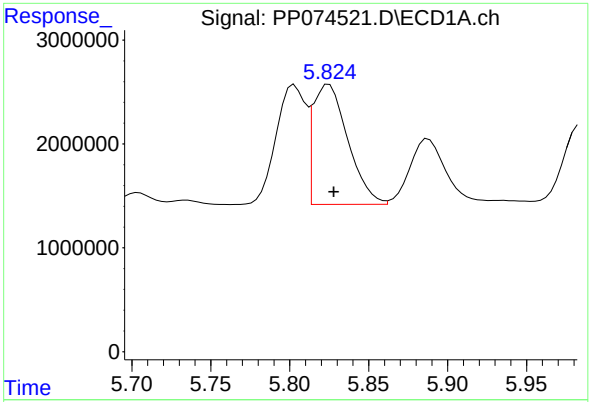

#12 AR-1232-2

R.T.: 5.539 min
Delta R.T.: -0.003 min
Response: 6687296
Conc: 424.37 ng/ml




#12 AR-1232-2

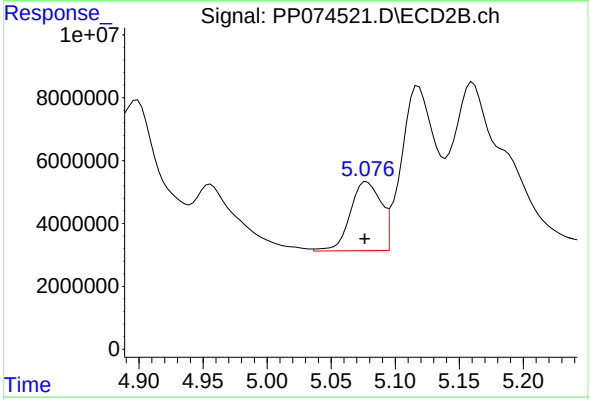
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 140352493
Conc: 605.51 ng/ml




#13 AR-1232-3

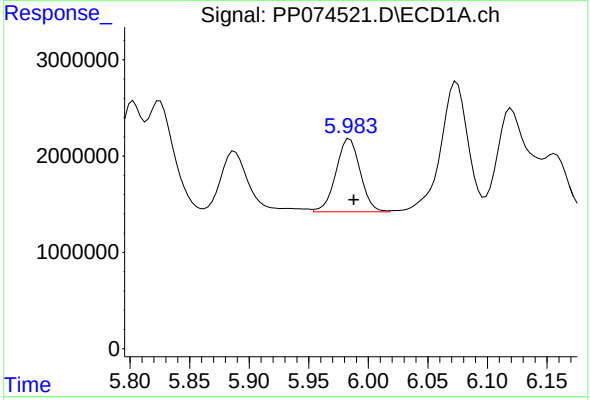
R.T.: 5.825 min
Delta R.T.: -0.003 min
Response: 17746992
Conc: 581.04 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



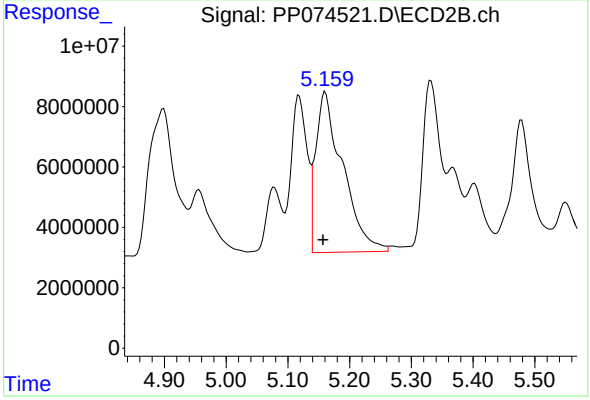

#13 AR-1232-3

R.T.: 5.078 min
Delta R.T.: 0.002 min
Response: 36566881
Conc: 608.84 ng/ml



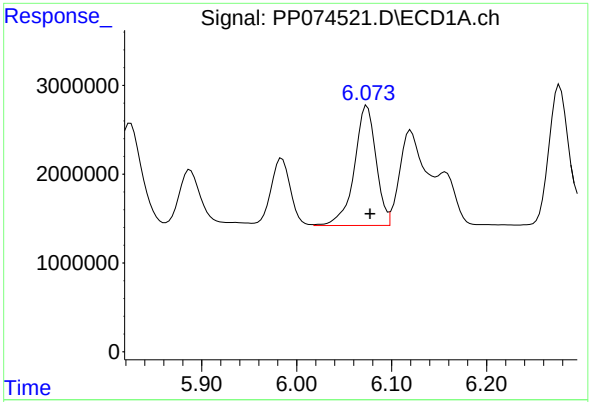

#14 AR-1232-4

R.T.: 5.984 min
Delta R.T.: -0.003 min
Response: 10769032
Conc: 623.60 ng/ml




#14 AR-1232-4

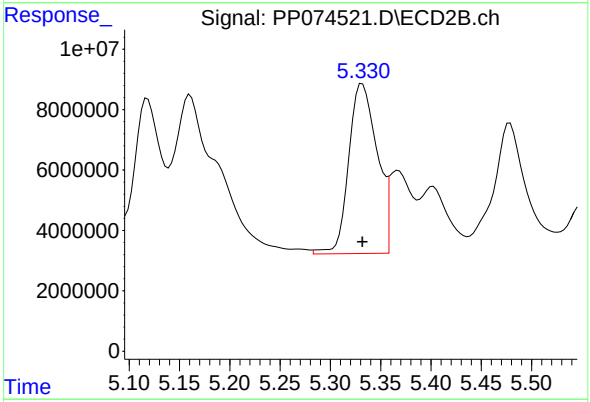
R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 161639634
Conc: 2192.99 ng/ml




#15 AR-1232-5

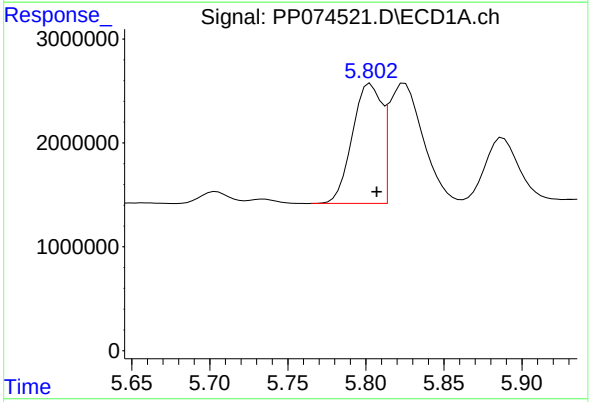
R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 21382962
Conc: 1647.26 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



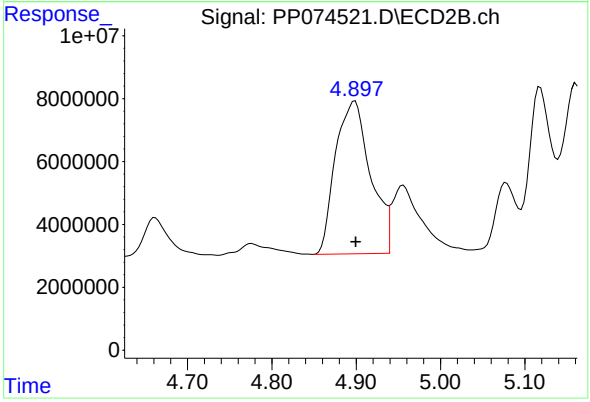

#15 AR-1232-5

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 110606875
Conc: 1781.57 ng/ml



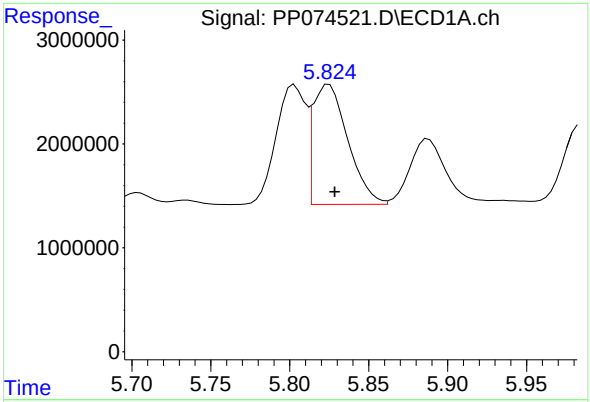

#16 AR-1242-1

R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 15042012
Conc: 393.00 ng/ml




#16 AR-1242-1

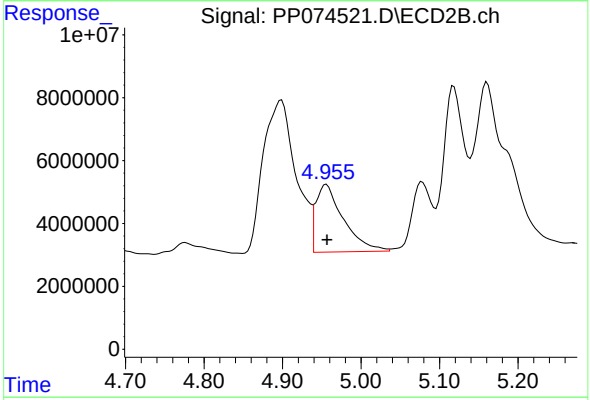
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 140352493
Conc: 332.78 ng/ml




#17 AR-1242-2

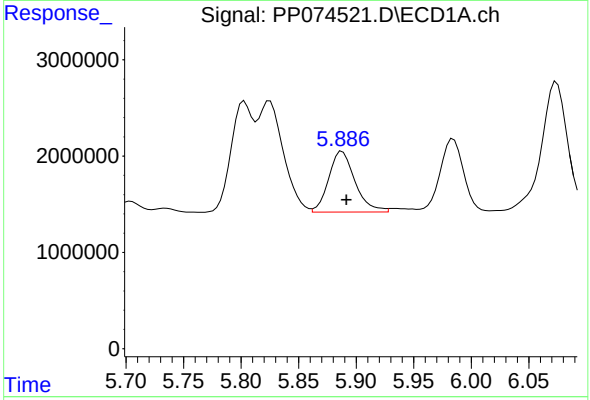
R.T.: 5.825 min
Delta R.T.: -0.003 min
Response: 17746992
Conc: 314.21 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



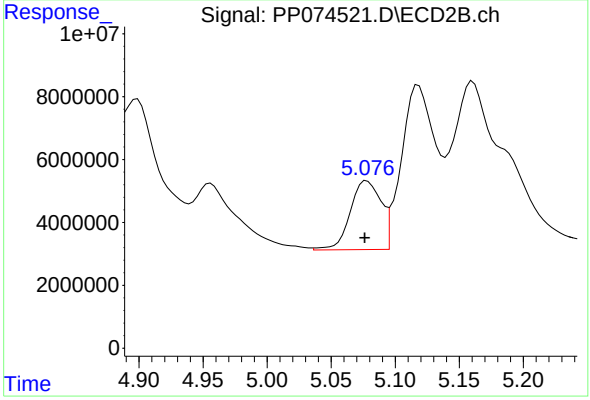

#17 AR-1242-2

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 52588032
Conc: 262.57 ng/ml



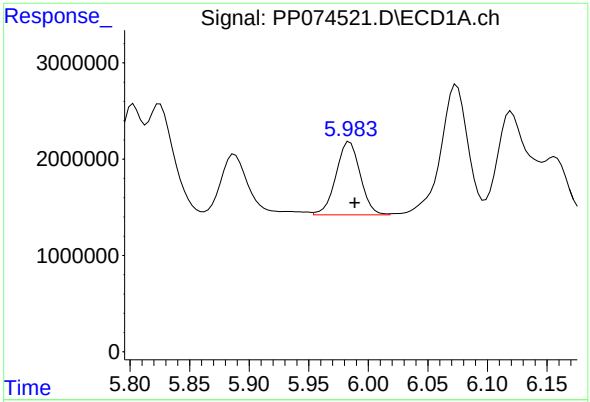

#18 AR-1242-3

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 10066156
Conc: 247.92 ng/ml




#18 AR-1242-3

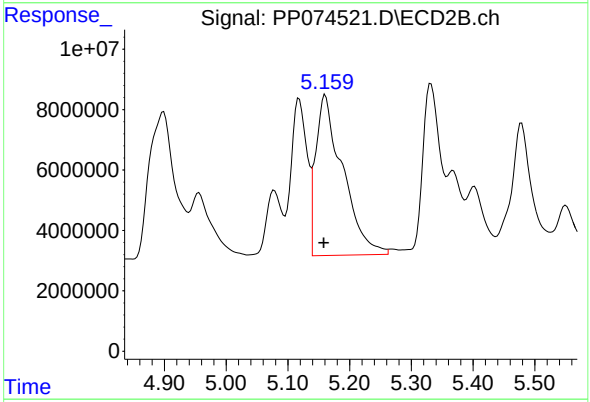
R.T.: 5.078 min
Delta R.T.: 0.002 min
Response: 36566881
Conc: 309.11 ng/ml




#19 AR-1242-4

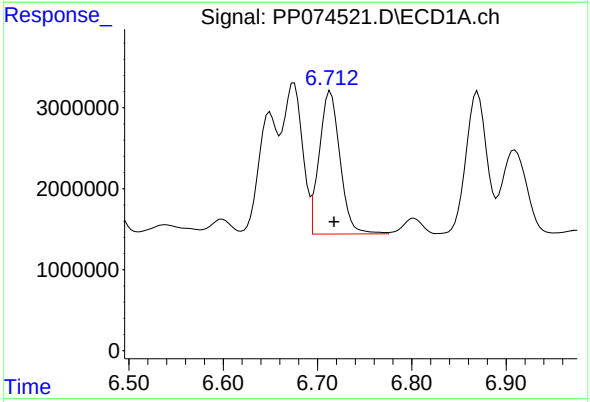
R.T.: 5.984 min
Delta R.T.: -0.004 min
Response: 10769032
Conc: 339.27 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



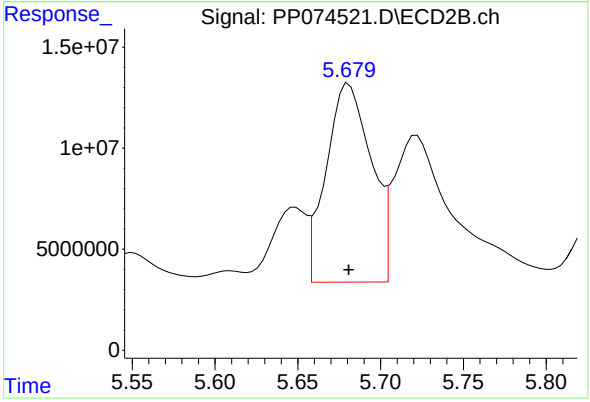

#19 AR-1242-4

R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 161639634
Conc: 944.38 ng/ml



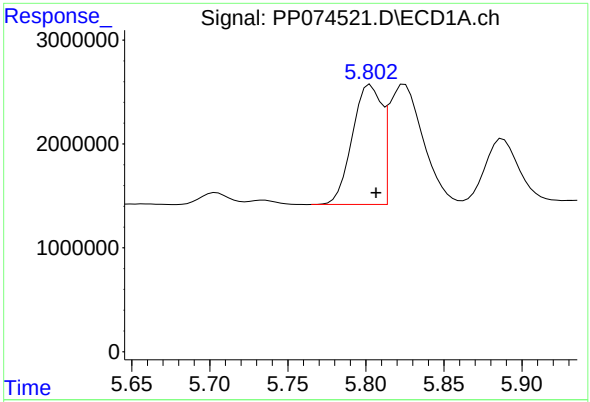

#20 AR-1242-5

R.T.: 6.714 min
Delta R.T.: -0.004 min
Response: 26936491
Conc: 746.77 ng/ml




#20 AR-1242-5

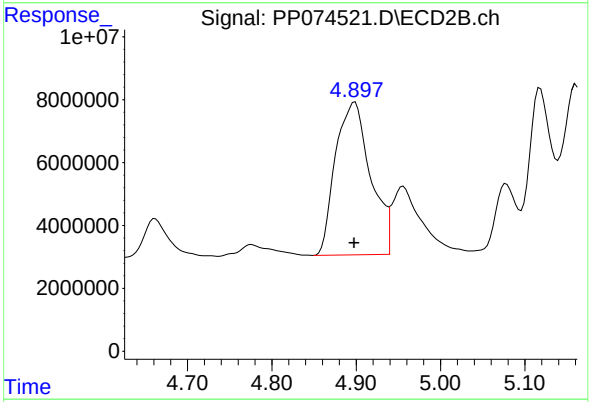
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 186389413
Conc: 1006.62 ng/ml




#21 AR-1248-1

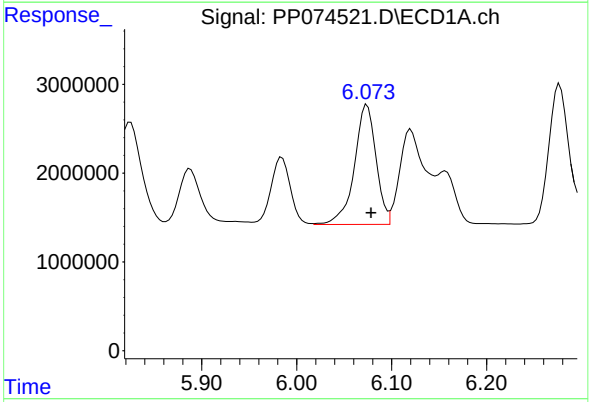
R.T.: 5.803 min
Delta R.T.: -0.003 min
Response: 15042012
Conc: 497.68 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



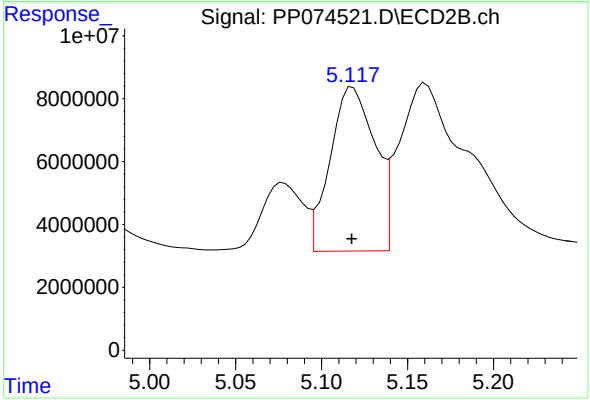

#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.001 min
Response: 140352493
Conc: 508.26 ng/ml



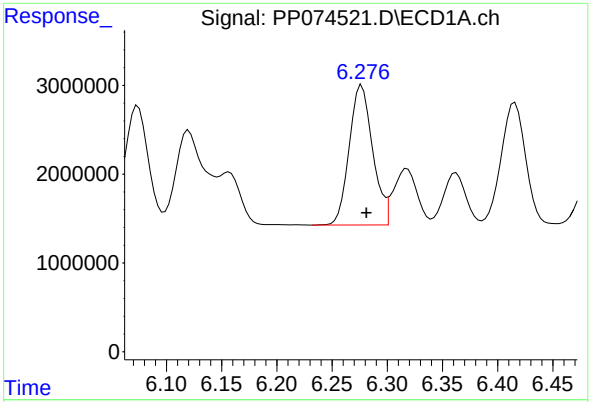

#22 AR-1248-2

R.T.: 6.074 min
Delta R.T.: -0.004 min
Response: 21382962
Conc: 496.17 ng/ml




#22 AR-1248-2

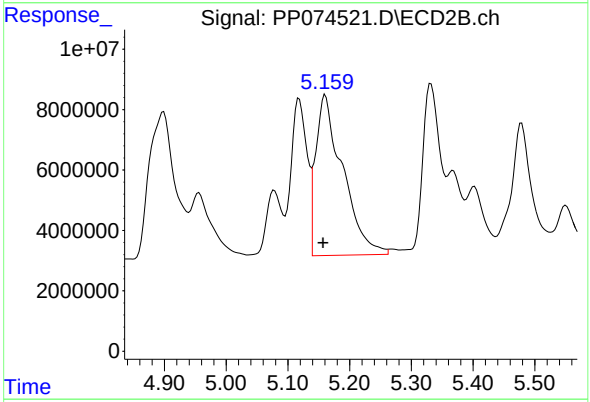
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 94490320
Conc: 534.58 ng/ml




#23 AR-1248-3

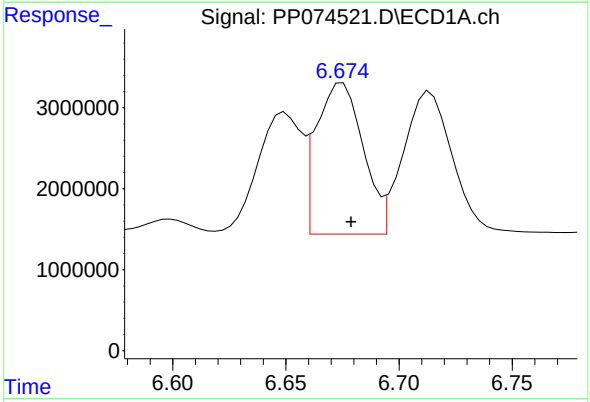
R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 23315343
Conc: 499.22 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



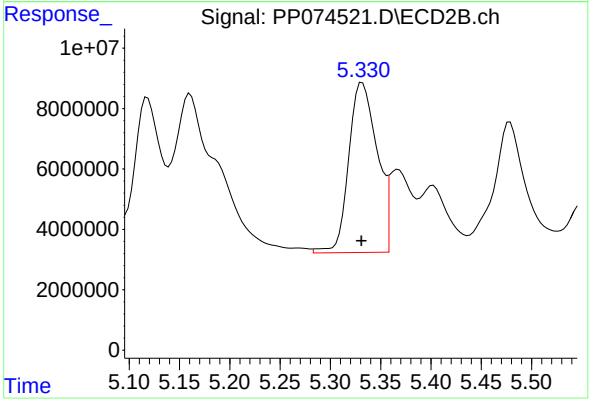

#23 AR-1248-3

R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 161639634
Conc: 711.43 ng/ml



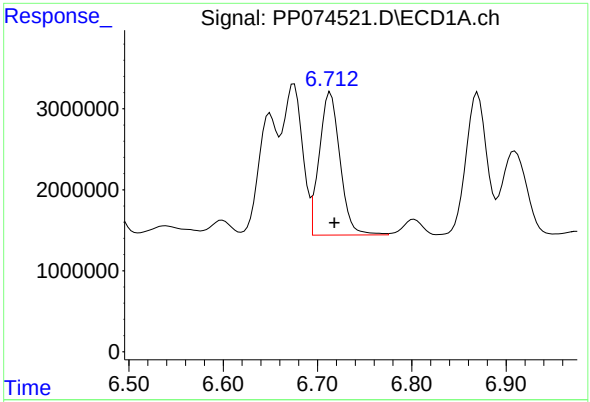

#24 AR-1248-4

R.T.: 6.675 min
Delta R.T.: -0.004 min
Response: 26915269
Conc: 489.36 ng/ml




#24 AR-1248-4

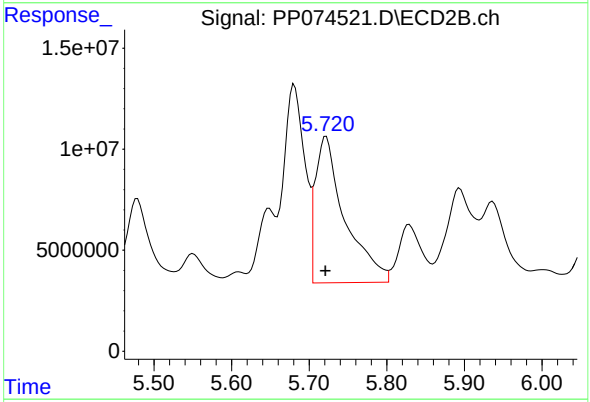
R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 110606875
Conc: 507.32 ng/ml




#25 AR-1248-5

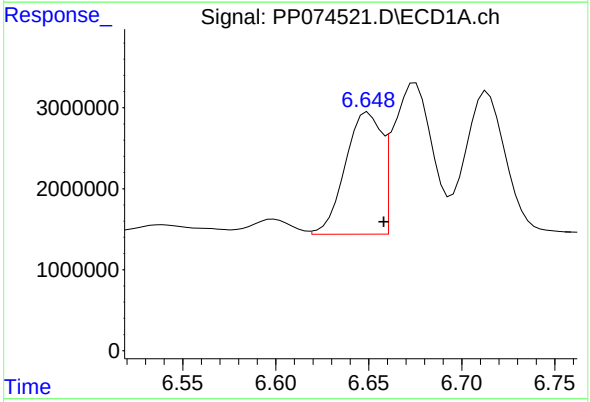
R.T.: 6.714 min
Delta R.T.: -0.004 min
Response: 26936491
Conc: 485.60 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



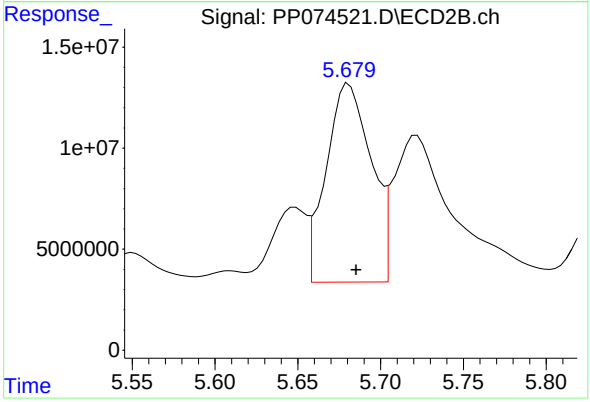

#25 AR-1248-5

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 191490359
Conc: 521.31 ng/ml



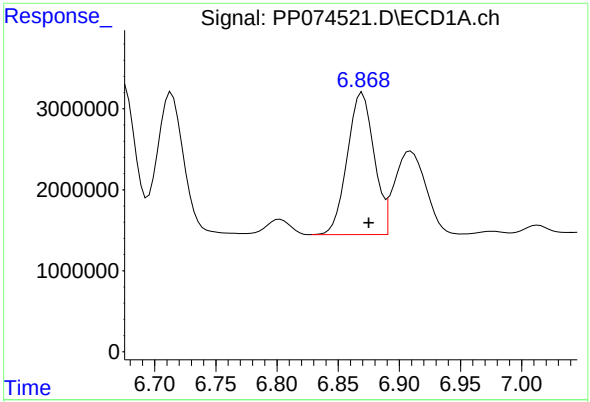

#26 AR-1254-1

R.T.: 6.650 min
Delta R.T.: -0.008 min
Response: 20442764
Conc: 350.83 ng/ml




#26 AR-1254-1

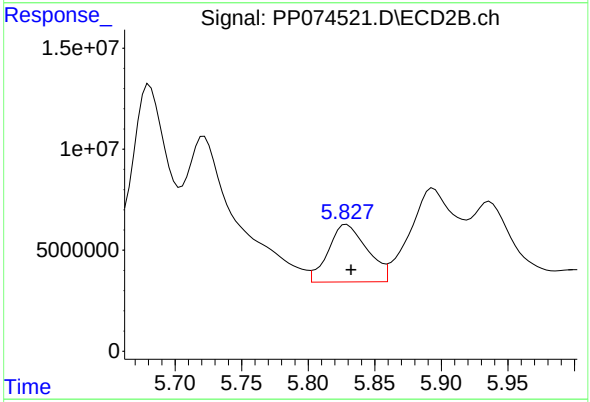
R.T.: 5.681 min
Delta R.T.: -0.004 min
Response: 186389413
Conc: 390.99 ng/ml




#27 AR-1254-2

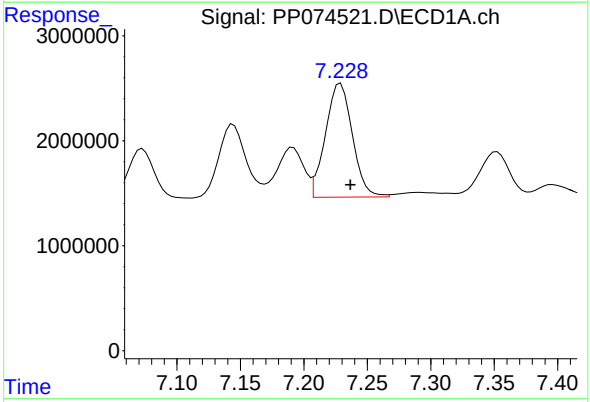
R.T.: 6.870 min
Delta R.T.: -0.005 min
Response: 26686373
Conc: 326.97 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



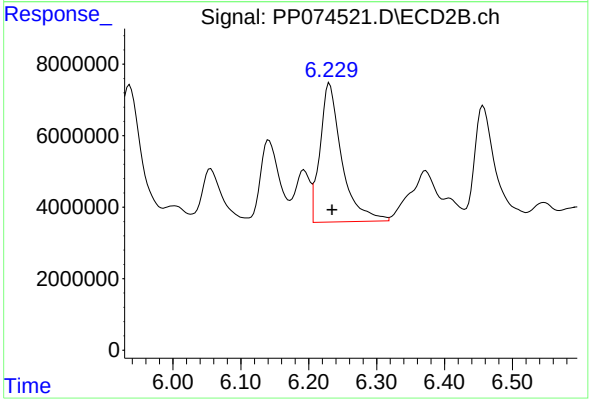

#27 AR-1254-2

R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 57988154
Conc: 164.68 ng/ml



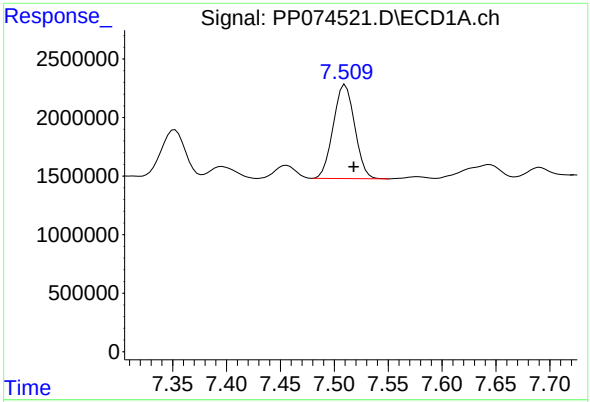

#28 AR-1254-3

R.T.: 7.229 min
Delta R.T.: -0.008 min
Response: 16004914
Conc: 179.41 ng/ml




#28 AR-1254-3

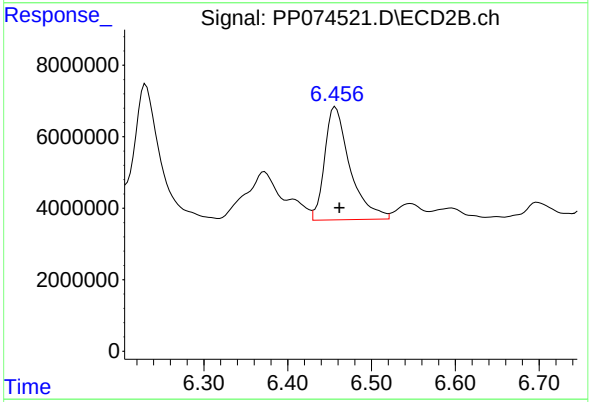
R.T.: 6.231 min
Delta R.T.: -0.004 min
Response: 86391291
Conc: 139.38 ng/ml




#29 AR-1254-4

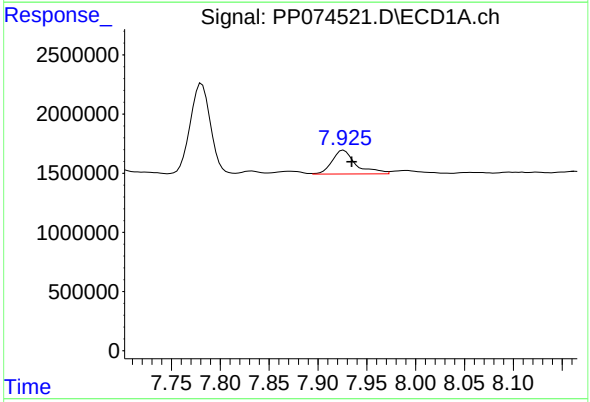
R.T.: 7.510 min
Delta R.T.: -0.008 min
Response: 11092455
Conc: 168.29 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



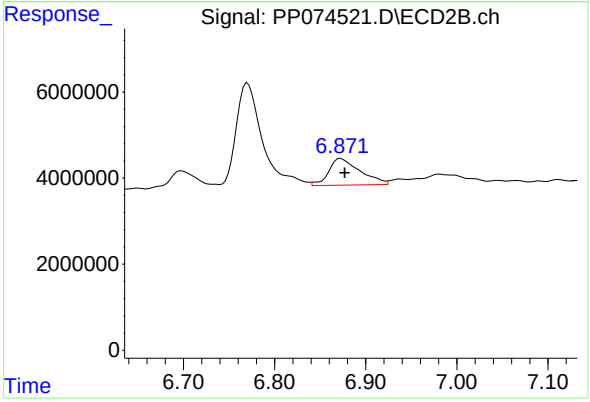

#29 AR-1254-4

R.T.: 6.457 min
Delta R.T.: -0.005 min
Response: 66443525
Conc: 141.78 ng/ml



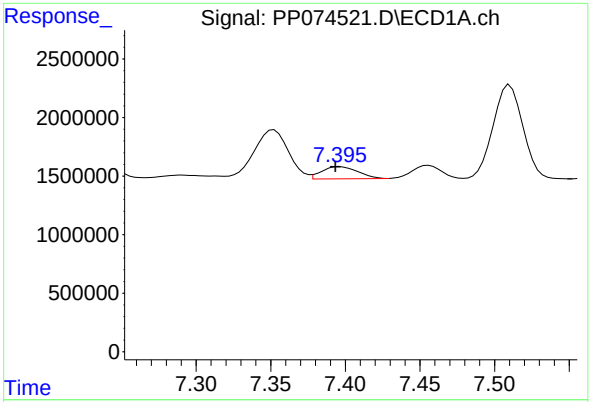

#30 AR-1254-5

R.T.: 7.926 min
Delta R.T.: -0.008 min
Response: 3448917
Conc: 41.51 ng/ml




#30 AR-1254-5

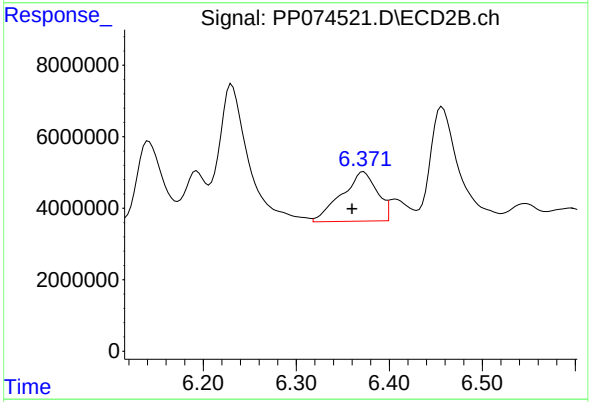
R.T.: 6.873 min
Delta R.T.: -0.004 min
Response: 14778189
Conc: 30.13 ng/ml




#31 AR-1260-1

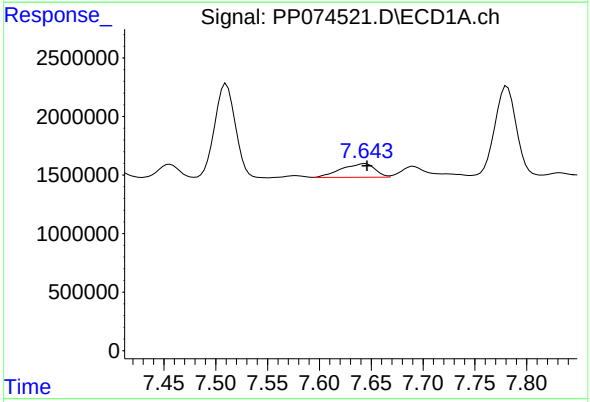
R.T.: 7.396 min
Delta R.T.: 0.003 min
Response: 1752654
Conc: 30.32 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



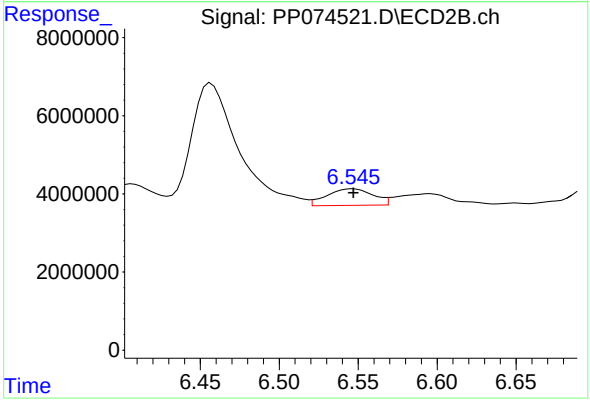

#31 AR-1260-1

R.T.: 6.372 min
Delta R.T.: 0.012 min
Response: 36681561
Conc: 97.76 ng/ml



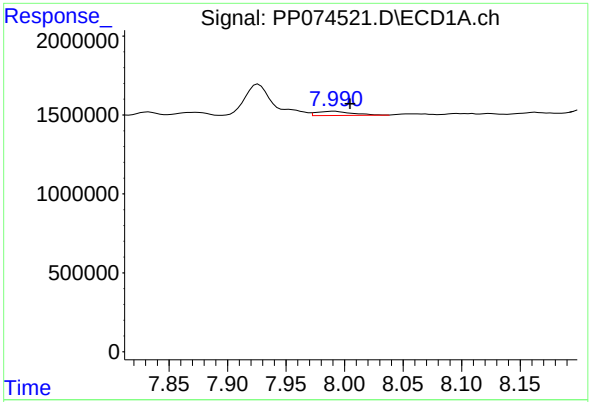

#32 AR-1260-2

R.T.: 7.644 min
Delta R.T.: -0.002 min
Response: 2664185
Conc: 38.66 ng/ml




#32 AR-1260-2

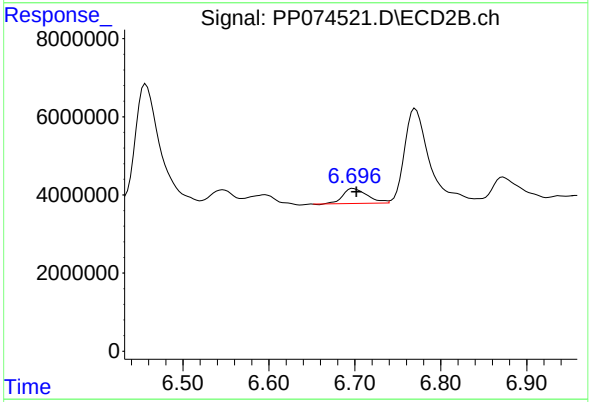
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 8615864
Conc: 16.29 ng/ml




#33 AR-1260-3

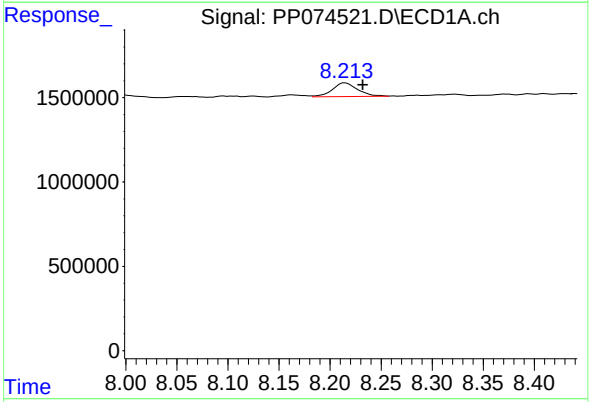
R.T.: 7.991 min
Delta R.T.: -0.013 min
Response: 570343
Conc: 10.99 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



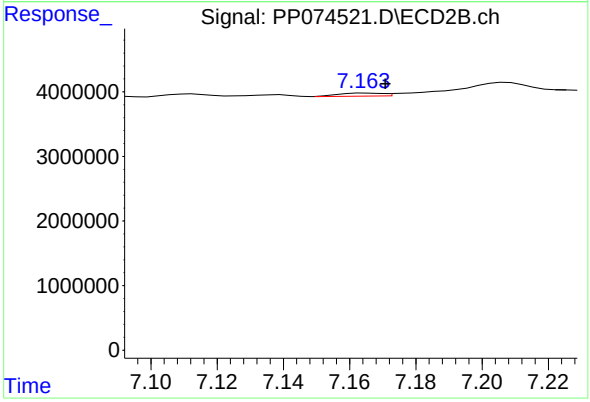

#33 AR-1260-3

R.T.: 6.698 min
Delta R.T.: -0.004 min
Response: 7559229
Conc: 17.46 ng/ml



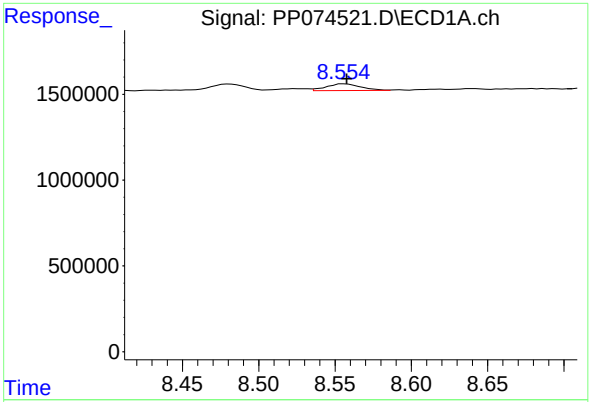

#34 AR-1260-4

R.T.: 8.215 min
Delta R.T.: -0.017 min
Response: 1398266
Conc: 21.92 ng/ml




#34 AR-1260-4

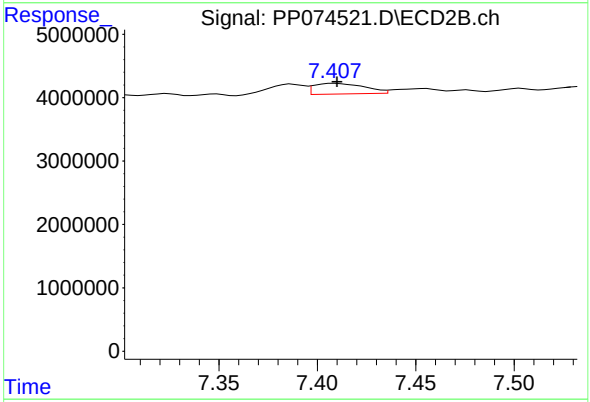
R.T.: 7.165 min
Delta R.T.: -0.006 min
Response: 439289
Conc: 1.15 ng/ml




#35 AR-1260-5

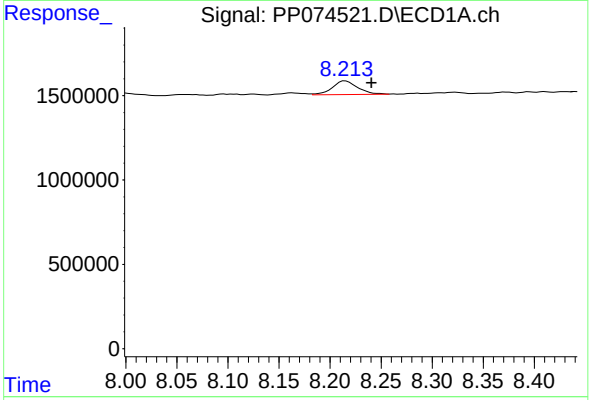
R.T.: 8.556 min
Delta R.T.: -0.002 min
Response: 601058
Conc: 5.30 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



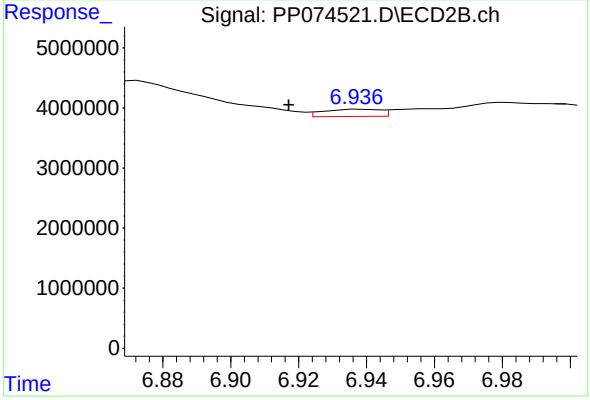

#35 AR-1260-5

R.T.: 7.409 min
Delta R.T.: 0.000 min
Response: 2988177
Conc: 2.97 ng/ml



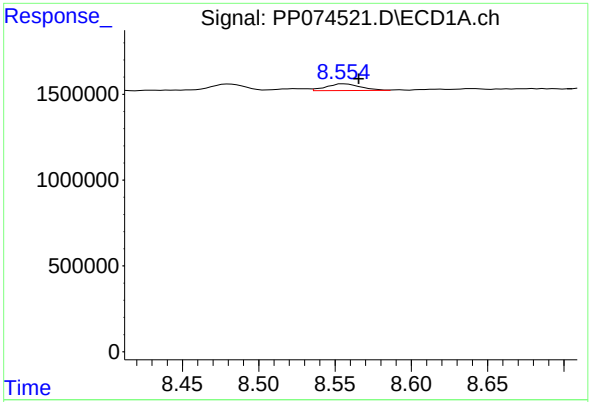

#36 AR-1262-1

R.T.: 8.215 min
Delta R.T.: -0.026 min
Response: 1398266
Conc: 18.16 ng/ml




#36 AR-1262-1

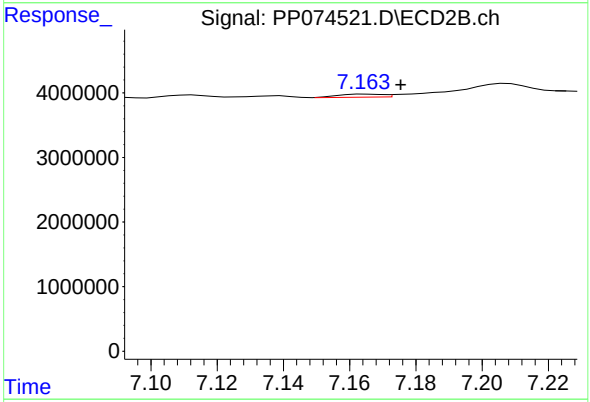
R.T.: 6.938 min
Delta R.T.: 0.021 min
Response: 1407859
Conc: 1.99 ng/ml




#37 AR-1262-2

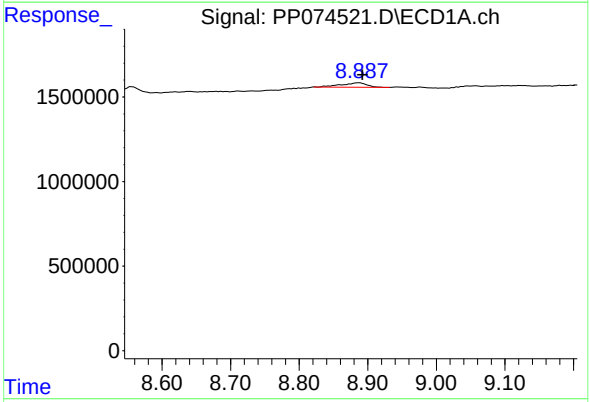
R.T.: 8.556 min
Delta R.T.: -0.010 min
Response: 601058
Conc: 4.54 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



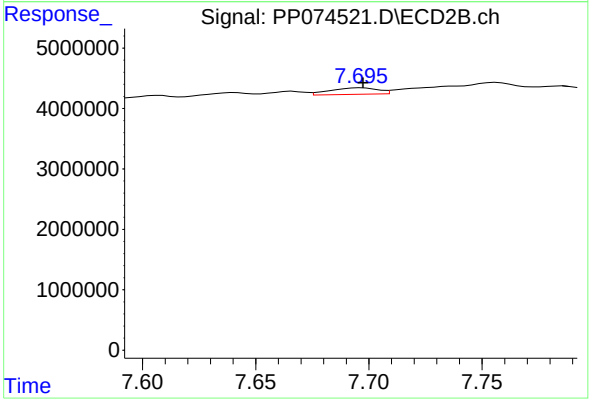

#37 AR-1262-2

R.T.: 7.165 min
Delta R.T.: -0.011 min
Response: 439289
Conc: 0.84 ng/ml



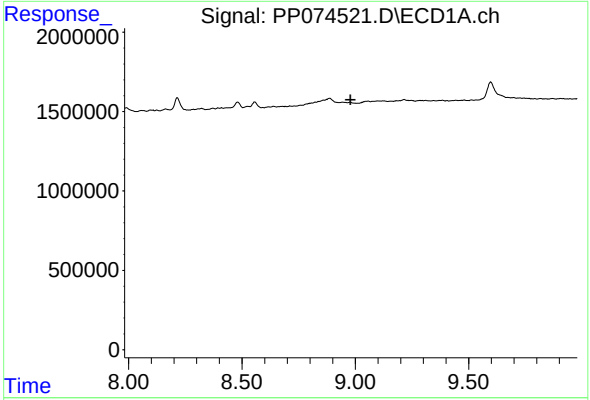

#38 AR-1262-3

R.T.: 8.888 min
Delta R.T.: -0.005 min
Response: 667952
Conc: 6.87 ng/ml




#38 AR-1262-3

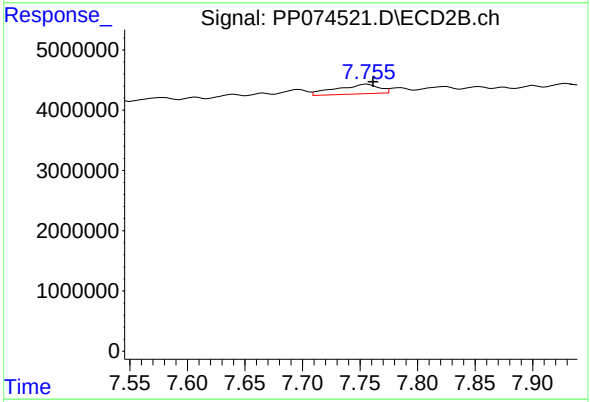
R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 1593207
Conc: 3.42 ng/ml




#39 AR-1262-4

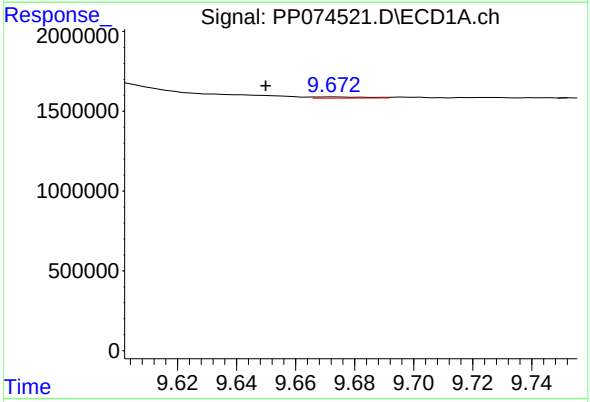
R.T.: 0.000 min
Exp R.T. : 8.979 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



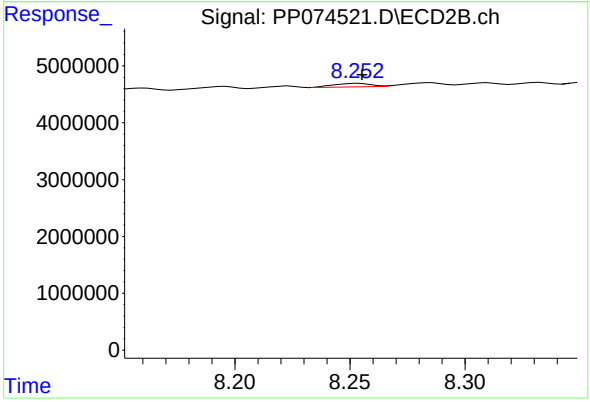

#39 AR-1262-4

R.T.: 7.756 min
Delta R.T.: -0.005 min
Response: 4110283
Conc: 5.00 ng/ml



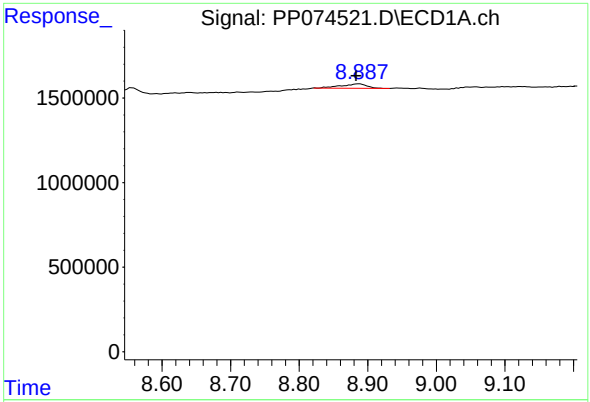

#40 AR-1262-5

R.T.: 9.674 min
Delta R.T.: 0.024 min
Response: 98092
Conc: 1.61 ng/ml




#40 AR-1262-5

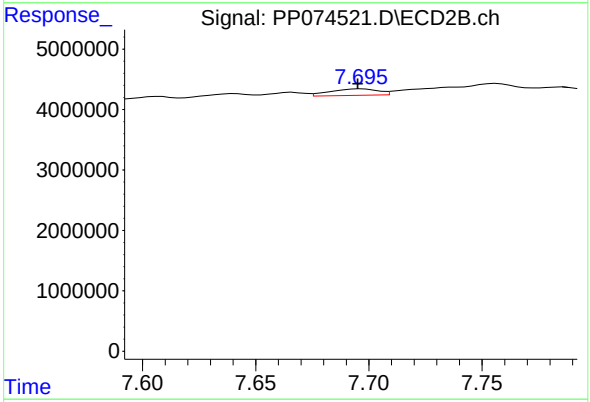
R.T.: 8.254 min
Delta R.T.: -0.001 min
Response: 713137
Conc: 1.99 ng/ml




#41 AR-1268-1

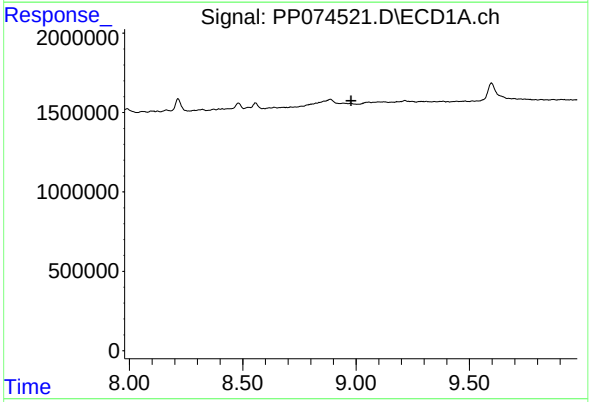
R.T.: 8.888 min
Delta R.T.: 0.005 min
Response: 667952
Conc: 4.12 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



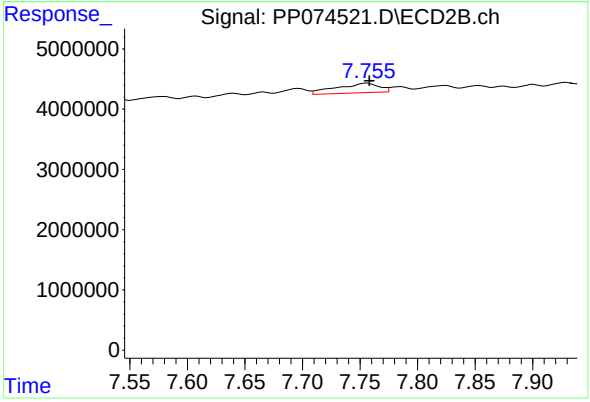

#41 AR-1268-1

R.T.: 7.697 min
Delta R.T.: 0.002 min
Response: 1593207
Conc: 1.13 ng/ml



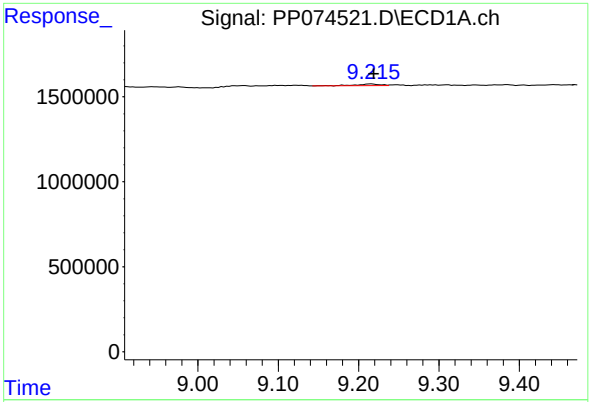

#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.978 min
Response: 0
Conc: N.D.




#42 AR-1268-2

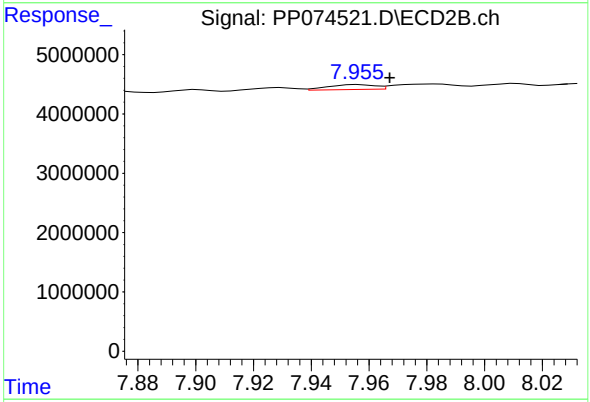
R.T.: 7.756 min
Delta R.T.: -0.002 min
Response: 4110283
Conc: 3.01 ng/ml




#43 AR-1268-3

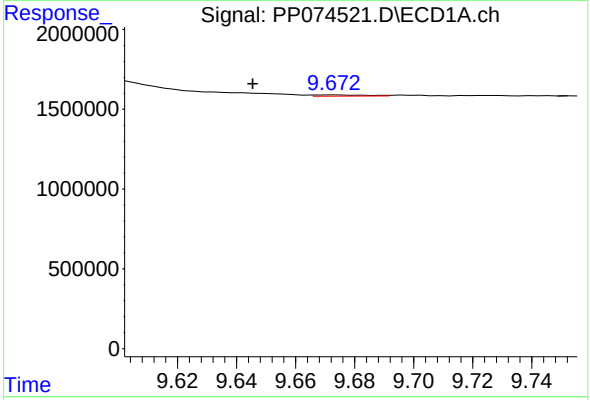
R.T.: 9.216 min
Delta R.T.: -0.002 min
Response: 213416
Conc: 1.73 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248



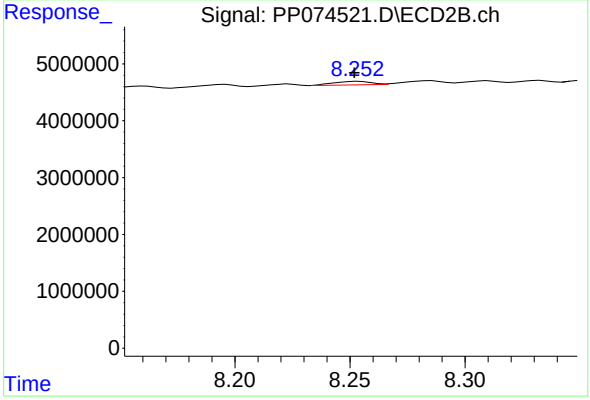

#43 AR-1268-3

R.T.: 7.956 min
Delta R.T.: -0.011 min
Response: 942917
Conc: 0.90 ng/ml



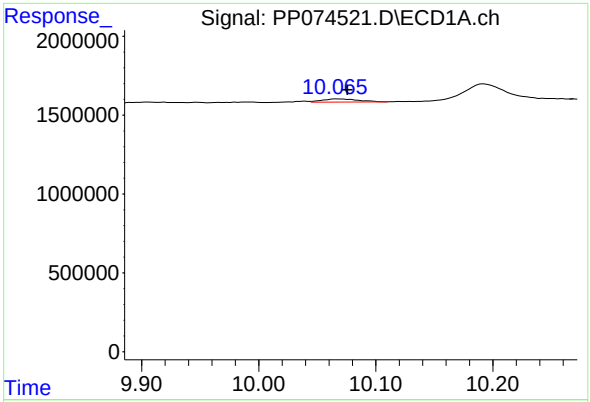

#44 AR-1268-4

R.T.: 9.674 min
Delta R.T.: 0.028 min
Response: 98092
Conc: 1.46 ng/ml




#44 AR-1268-4

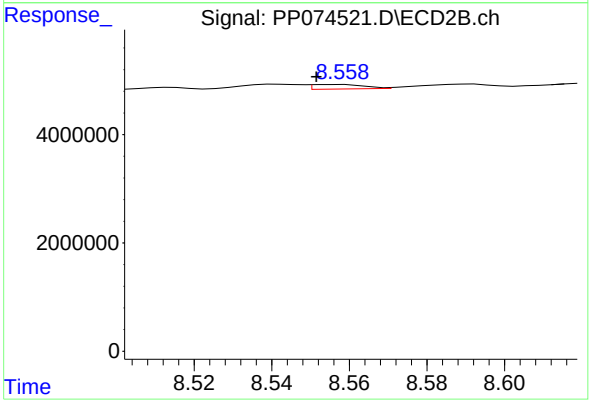
R.T.: 8.254 min
Delta R.T.: 0.002 min
Response: 713137
Conc: 1.86 ng/ml




#45 AR-1268-5

R.T.: 10.067 min
Delta R.T.: -0.008 min
Response: 437264
Conc: 1.18 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1248




#45 AR-1268-5

R.T.: 8.558 min
Delta R.T.: 0.006 min
Response: 781232
Conc: 0.25 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:18
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.657 | 3.800 | 56166806 | 231.3E6 | 45.900 | 47.840 | |
| 2) | SA Decachlor... | 10.432 | 8.813 | 50817971 | 371.3E6 | 51.461 | 49.507 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.807 | 4.894 | 750005 | 5643991 | 17.011 | 11.081 | # |
| 4) | L1 AR-1016-2 | 5.832 | 4.960 | 959611 | 1349210 | 15.270 | 5.669 | # |
| 5) | L1 AR-1016-3 | 5.894 | 5.082 | 1080182 | 1266128 | 24.050 | 9.181 | # |
| 6) | L1 AR-1016-4 | 5.988 | 5.119 | 655902 | 70805439 | 18.643 | 506.465 | # |
| 7) | L1 AR-1016-5 | 6.281 | 5.331 | 9369103 | 44864151 | 282.320 | 270.130 | |
| 8) | L2 AR-1221-1 | 0.000 | 4.013 | 0 | 659026 | N.D. | 10.652 | # |
| 9) | L2 AR-1221-2 | 4.958 | 4.096 | 980393 | 2755427 | 73.398 | 60.944 | |
| 10) | L2 AR-1221-3 | 5.020 | 4.174 | 191319 | 933974 | 5.046 | 5.685 | |
| 11) | L3 AR-1232-1 | 5.020 | 4.174 | 191319 | 933974 | 6.299 | 7.291 | |
| 12) | L3 AR-1232-2 | 5.542 | 4.894 | 319890 | 5643991 | 20.300 | 24.349 | |
| 13) | L3 AR-1232-3 | 5.832 | 5.082 | 959611 | 1266128 | 31.418 | 21.081 | # |
| 14) | L3 AR-1232-4 | 5.988 | 5.154 | 655902 | 35392594 | 37.981 | 480.177 | # |
| 15) | L3 AR-1232-5 | 6.079 | 5.331 | 15193588 | 44864151 | 1170.452 | 722.639 | # |
| 16) | L4 AR-1242-1 | 5.807 | 4.894 | 750005 | 5643991 | 19.595 | 13.382 | # |
| 17) | L4 AR-1242-2 | 5.832 | 4.960 | 959611 | 1349210 | 16.990 | 6.737 | # |
| 18) | L4 AR-1242-3 | 5.894 | 5.082 | 1080182 | 1266128 | 26.604 | 10.703 | # |
| 19) | L4 AR-1242-4 | 5.988 | 5.154 | 655902 | 35392594 | 20.664 | 206.781 | # |
| 20) | L4 AR-1242-5 | 6.722 | 5.682 | 9708916 | 232.6E6 | 269.164 | 1256.184 | # |
| 21) | L5 AR-1248-1 | 5.807 | 4.894 | 750005 | 5643991 | 24.815 | 20.439 | |
| 22) | L5 AR-1248-2 | 6.079 | 5.119 | 15193588 | 70805439 | 352.552 | 400.584 | |
| 23) | L5 AR-1248-3 | 6.281 | 5.154 | 9369103 | 35392594 | 200.608 | 155.775 | |
| 24) | L5 AR-1248-4 | 6.657 | 5.331 | 39266544 | 44864151 | 713.927 | 205.779 | # |
| 25) | L5 AR-1248-5 | 6.722 | 5.682f | 9708916 | 232.6E6 | 175.029 | 633.232 | # |
| 26) | L6 AR-1254-1 | 6.657 | 5.682 | 39266544 | 232.6E6 | 673.879 | 487.928 | # |
| 27) | L6 AR-1254-2 | 6.872 | 5.830 | 38555301 | 169.1E6 | 472.399 | 480.246 | |
| 28) | L6 AR-1254-3 | 7.233 | 6.231 | 41293274 | 315.3E6 | 462.896 | 508.643 | |
| 29) | L6 AR-1254-4 | 7.515 | 6.458 | 31170607 | 231.8E6 | 472.901 | 494.686 | |
| 30) | L6 AR-1254-5 | 7.931 | 6.875 | 39856792 | 247.9E6 | 479.711 | 505.396 | |
| 31) | L7 AR-1260-1 | 7.399 | 6.364 | 16874853 | 147.3E6 | 291.904 | 392.628 | # |
| 32) | L7 AR-1260-2 | 7.650 | 6.548 | 19662272 | 138.3E6 | 285.302 | 261.464 | |
| 33) | L7 AR-1260-3 | 7.991 | 6.700 | 4976830 | 99337094 | 95.920 | 229.416 | # |
| 34) | L7 AR-1260-4 | 8.220 | 7.171 | 14985236 | 7985079 | 234.905 | 20.932 | # |
| 35) | L7 AR-1260-5 | 8.562 | 7.404 | 5440543 | 44562227 | 47.971 | 44.363 | |
| 36) | L8 AR-1262-1 | 8.220 | 6.938 | 14985236 | 35500592 | 194.573 | 50.195 | # |
| 37) | L8 AR-1262-2 | 8.562 | 7.171 | 5440543 | 7985079 | 41.098 | 15.335 | # |
| 38) | L8 AR-1262-3 | 8.897 | 7.700 | 4928010 | 1583894 | 50.693 | 3.397 | # |
| 39) | L8 AR-1262-4 | 8.945 | 7.753 | 924526 | 24615396 | 12.273 | 29.951 | # |
| 40) | L8 AR-1262-5 | 9.603f | 8.254 | 2877554 | 1035944 | 47.207 | 2.891 | # |
| 41) | L9 AR-1268-1 | 8.897 | 7.700 | 4928010 | 1583894 | 30.412 | 1.123 | # |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:18
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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 | |
|---|---|---|---|---|---|---|---|---|
| 42) L9 | AR-1268-2 | 8.945 | 7.753 | 924526 | 24615396 | 6.301 | 18.054 | # |
| 43) L9 | AR-1268-3 | 9.216 | 7.963 | 336103 | 717631 | 2.720 | 0.688 | # |
| 44) L9 | AR-1268-4 | 9.603f | 8.254 | 2877554 | 1035944 | 42.781 | 2.704 | # |
| 45) L9 | AR-1268-5 | 10.080 | 8.556 | 430496 | 2014167 | 1.163 | 0.642 | # |

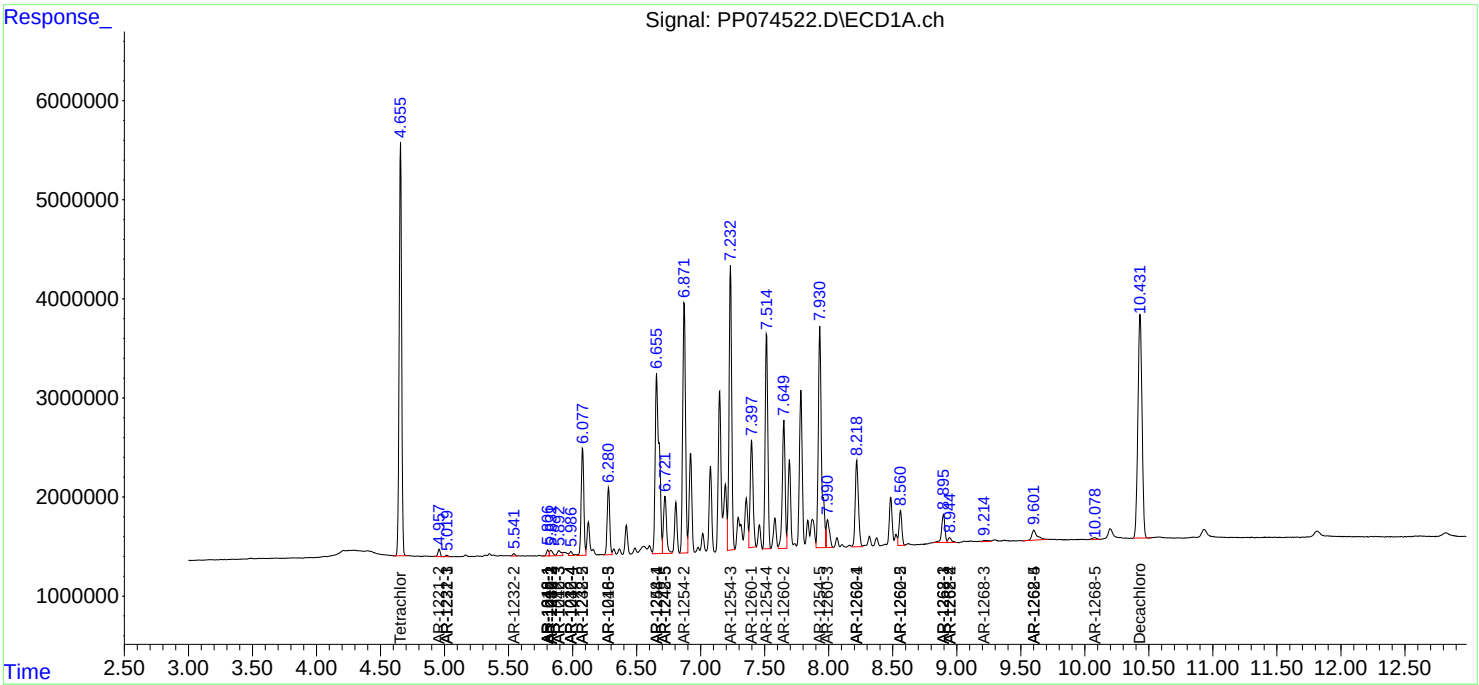
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

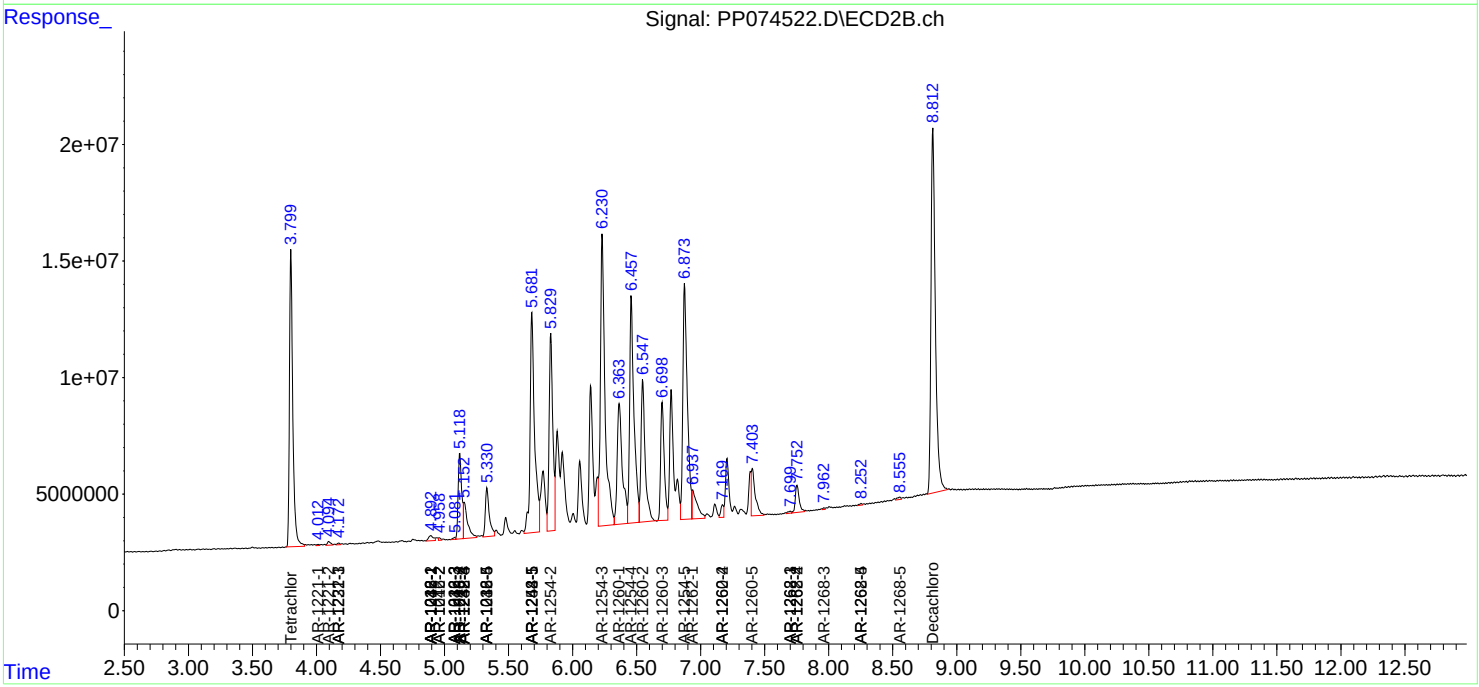
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:18
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

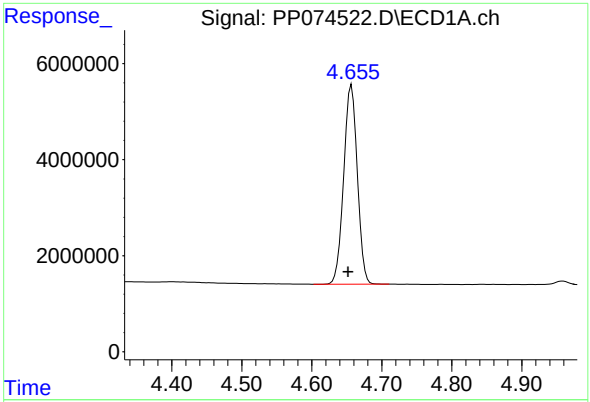
**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



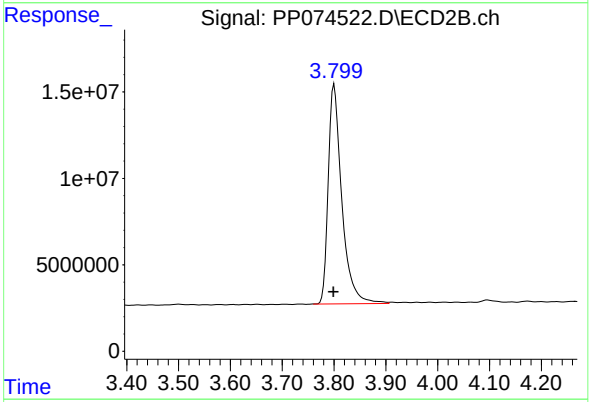






#1 Tetrachloro-m-xylene

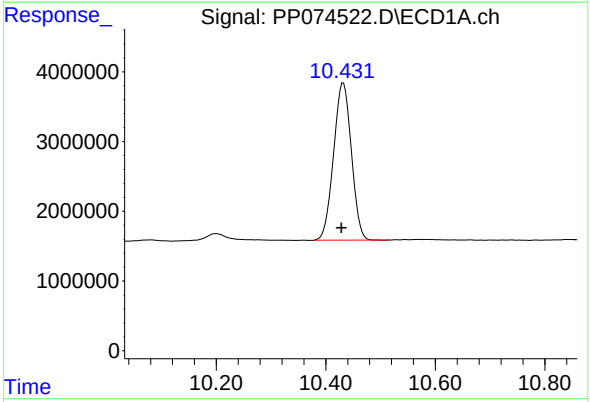
R.T.: 4.657 min
Delta R.T.: 0.005 min
Response: 56166806
Conc: 45.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



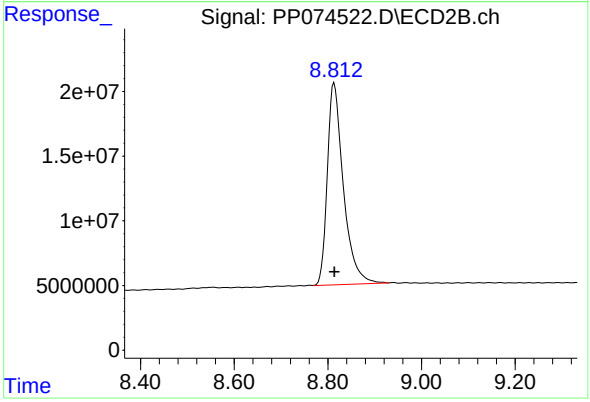

#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 231327828
Conc: 47.84 ng/ml



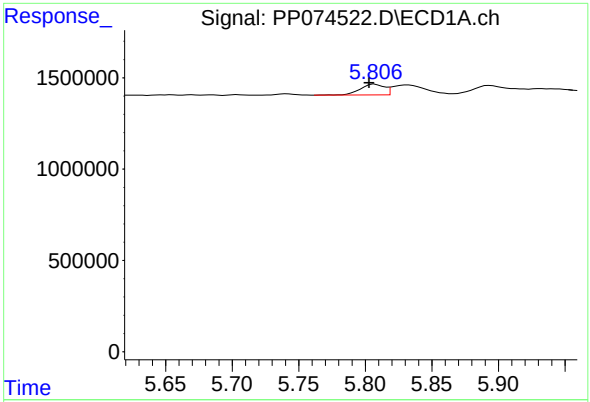

#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.004 min
Response: 50817971
Conc: 51.46 ng/ml




#2 Decachlorobiphenyl

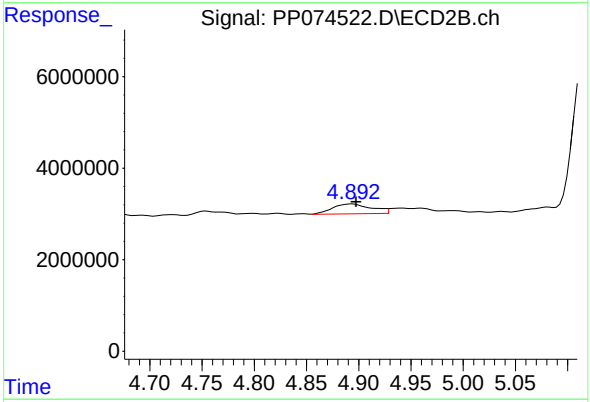
R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 371262857
Conc: 49.51 ng/ml




#3 AR-1016-1

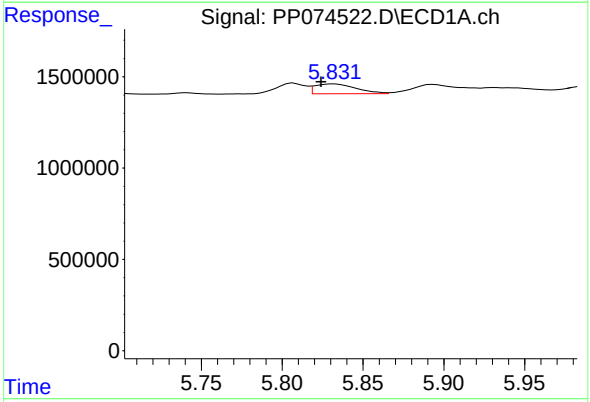
R.T.: 5.807 min
Delta R.T.: 0.005 min
Response: 750005
Conc: 17.01 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



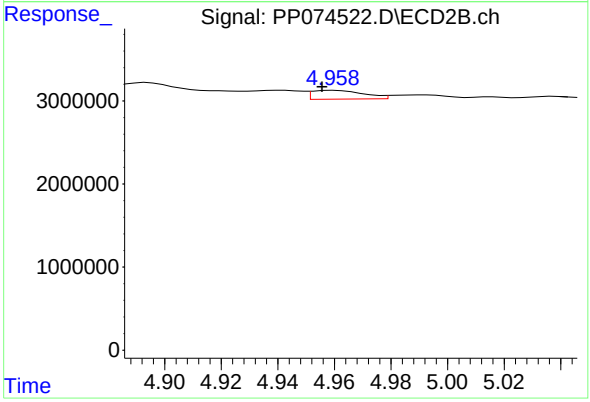

#3 AR-1016-1

R.T.: 4.894 min
Delta R.T.: -0.004 min
Response: 5643991
Conc: 11.08 ng/ml



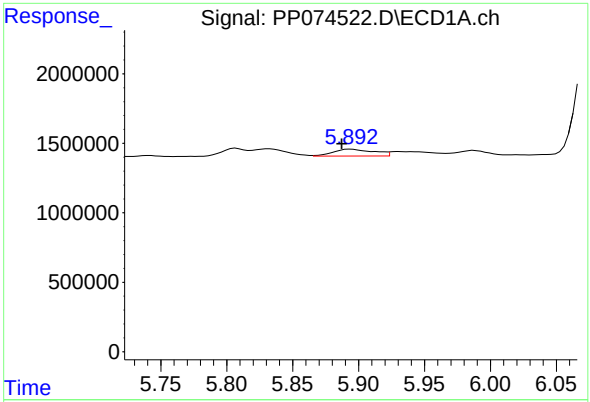

#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: 0.008 min
Response: 959611
Conc: 15.27 ng/ml




#4 AR-1016-2

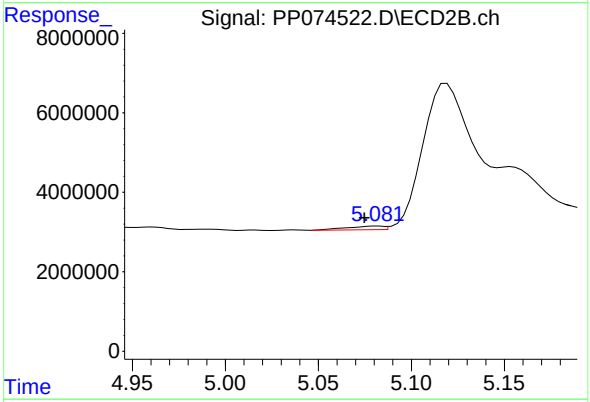
R.T.: 4.960 min
Delta R.T.: 0.004 min
Response: 1349210
Conc: 5.67 ng/ml




#5 AR-1016-3

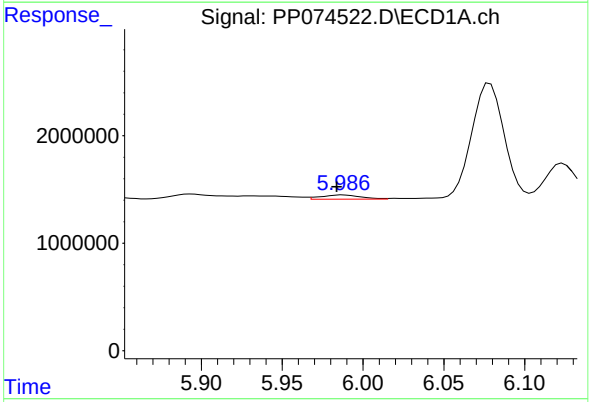
R.T.: 5.894 min
Delta R.T.: 0.007 min
Response: 1080182
Conc: 24.05 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



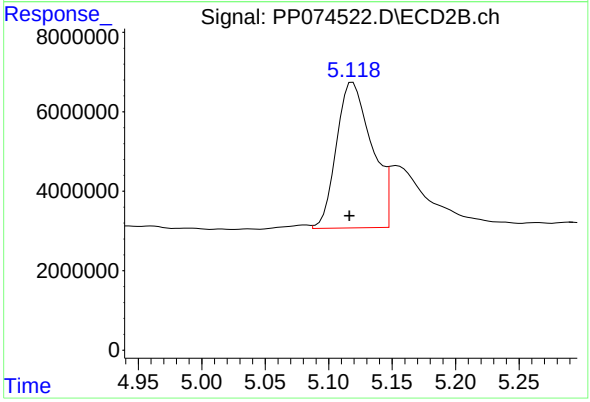

#5 AR-1016-3

R.T.: 5.082 min
Delta R.T.: 0.007 min
Response: 1266128
Conc: 9.18 ng/ml



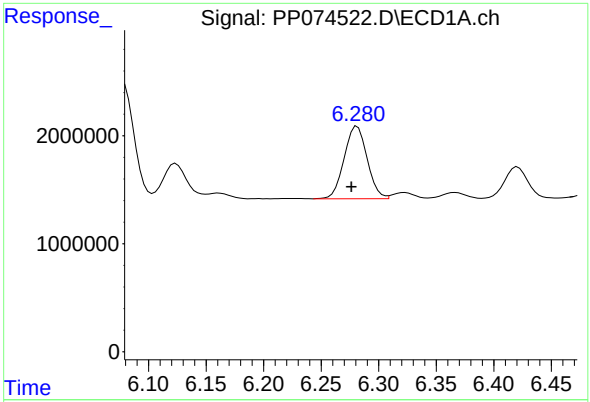

#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: 0.004 min
Response: 655902
Conc: 18.64 ng/ml




#6 AR-1016-4

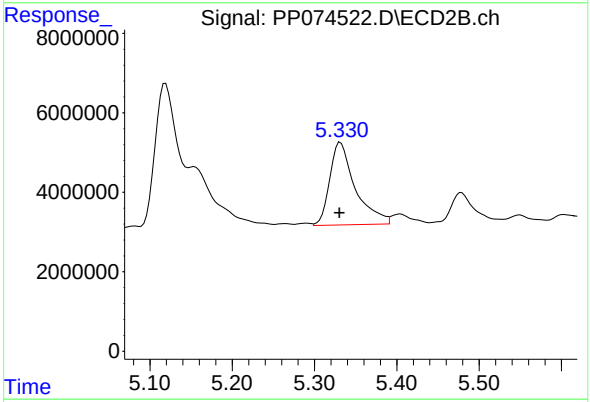
R.T.: 5.119 min
Delta R.T.: 0.003 min
Response: 70805439
Conc: 506.46 ng/ml




#7 AR-1016-5

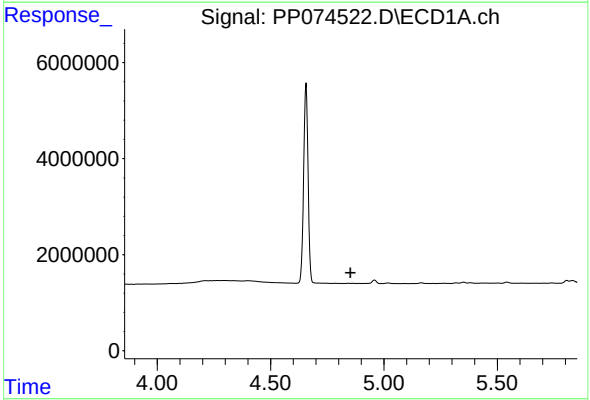
R.T.: 6.281 min
Delta R.T.: 0.005 min
Response: 9369103
Conc: 282.32 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



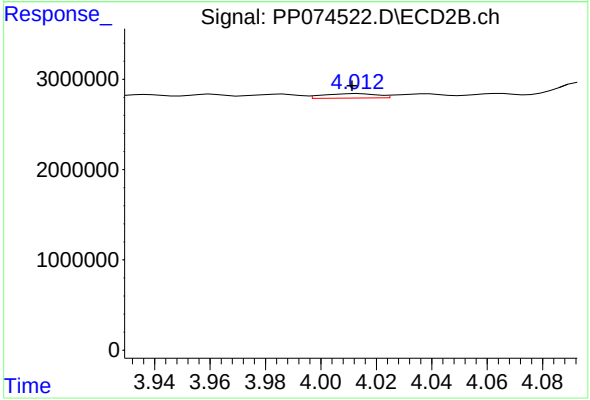

#7 AR-1016-5

R.T.: 5.331 min
Delta R.T.: 0.001 min
Response: 44864151
Conc: 270.13 ng/ml



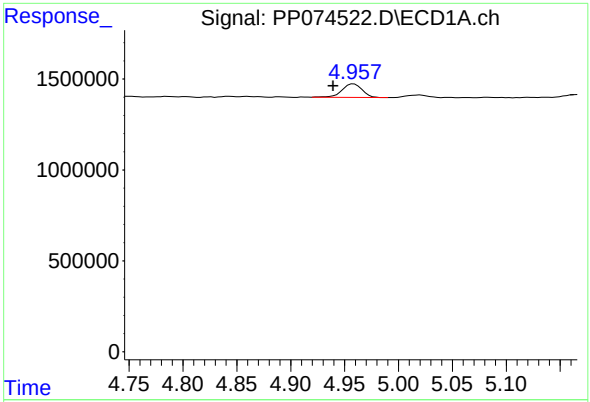

#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.853 min
Response: 0
Conc: N.D.




#8 AR-1221-1

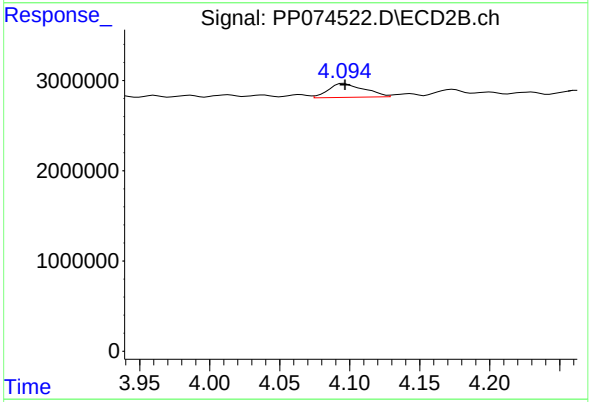
R.T.: 4.013 min
Delta R.T.: 0.002 min
Response: 659026
Conc: 10.65 ng/ml




#9 AR-1221-2

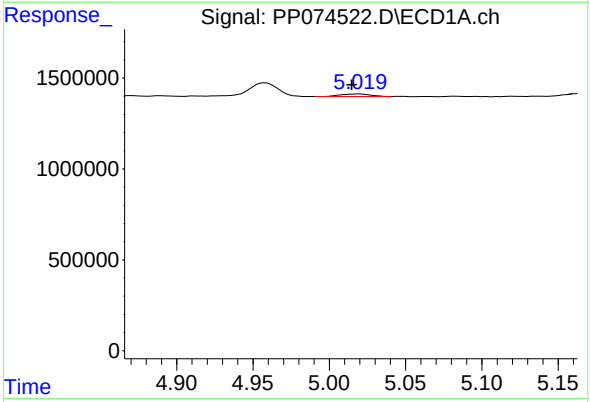
R.T.: 4.958 min
Delta R.T.: 0.019 min
Response: 980393
Conc: 73.40 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



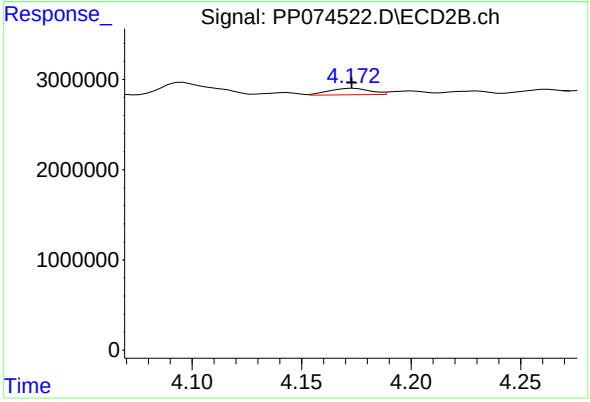

#9 AR-1221-2

R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 2755427
Conc: 60.94 ng/ml



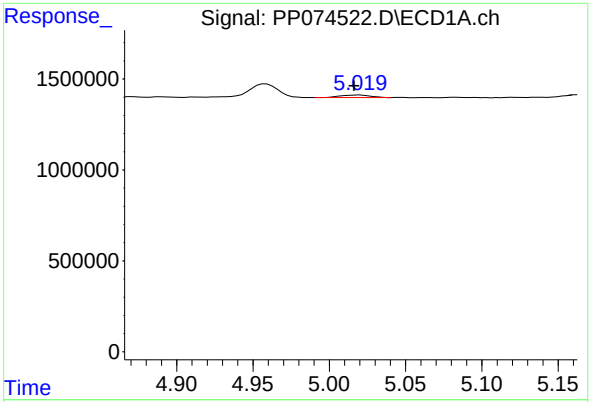

#10 AR-1221-3

R.T.: 5.020 min
Delta R.T.: 0.005 min
Response: 191319
Conc: 5.05 ng/ml




#10 AR-1221-3

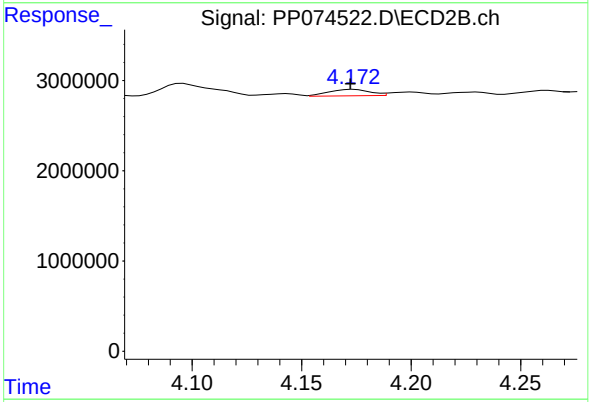
R.T.: 4.174 min
Delta R.T.: 0.001 min
Response: 933974
Conc: 5.68 ng/ml




#11 AR-1232-1

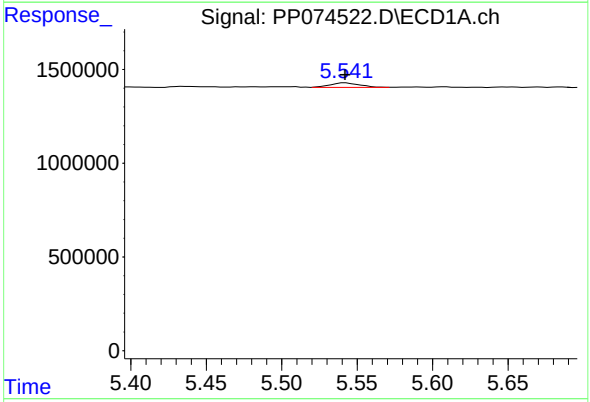
R.T.: 5.020 min
Delta R.T.: 0.004 min
Response: 191319
Conc: 6.30 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



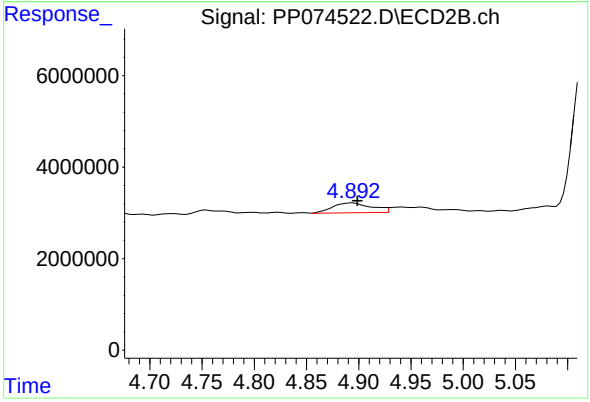

#11 AR-1232-1

R.T.: 4.174 min
Delta R.T.: 0.002 min
Response: 933974
Conc: 7.29 ng/ml



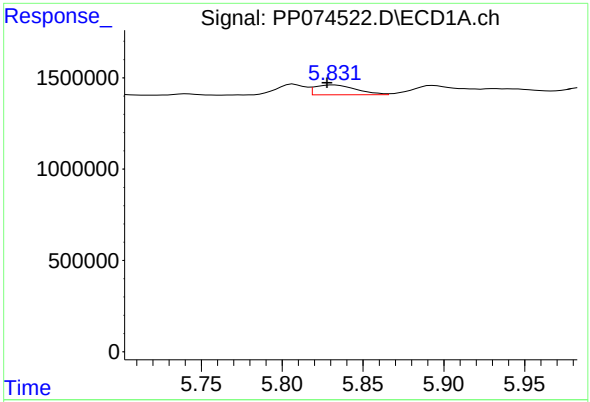

#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 319890
Conc: 20.30 ng/ml




#12 AR-1232-2

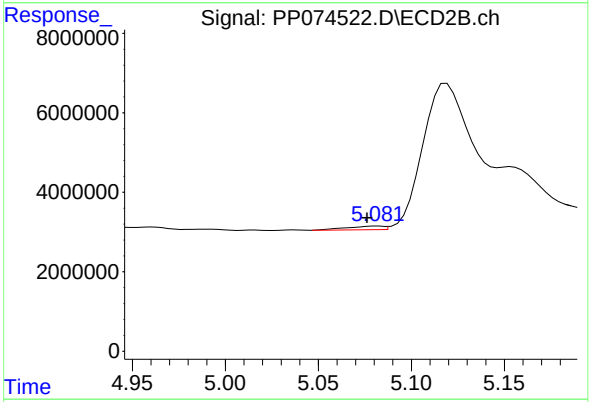
R.T.: 4.894 min
Delta R.T.: -0.005 min
Response: 5643991
Conc: 24.35 ng/ml




#13 AR-1232-3

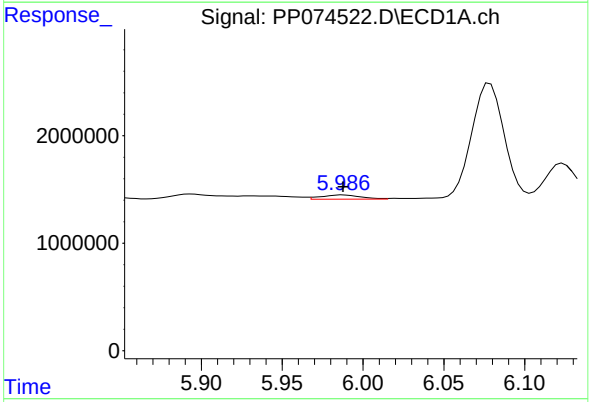
R.T.: 5.832 min
Delta R.T.: 0.004 min
Response: 959611
Conc: 31.42 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



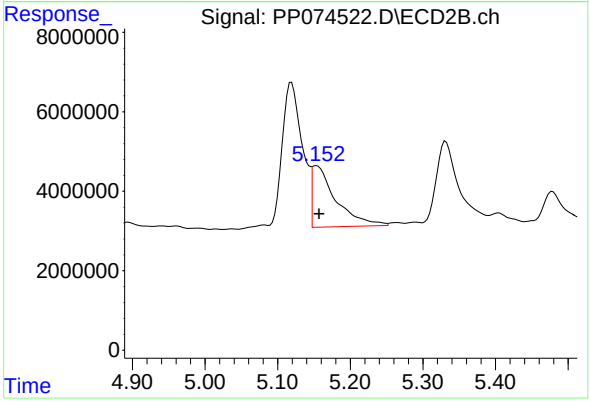

#13 AR-1232-3

R.T.: 5.082 min
Delta R.T.: 0.006 min
Response: 1266128
Conc: 21.08 ng/ml



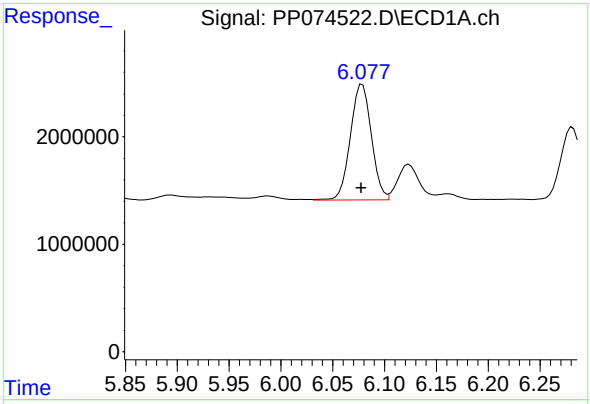

#14 AR-1232-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 655902
Conc: 37.98 ng/ml




#14 AR-1232-4

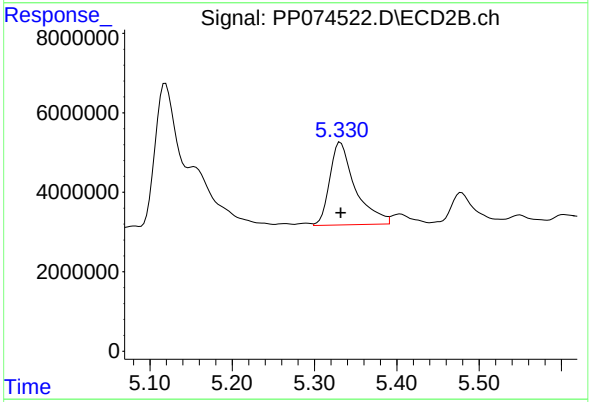
R.T.: 5.154 min
Delta R.T.: -0.004 min
Response: 35392594
Conc: 480.18 ng/ml




#15 AR-1232-5

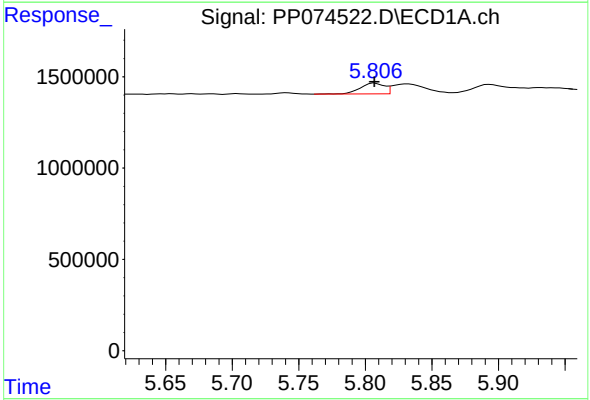
R.T.: 6.079 min
Delta R.T.: 0.001 min
Response: 15193588
Conc: 1170.45 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



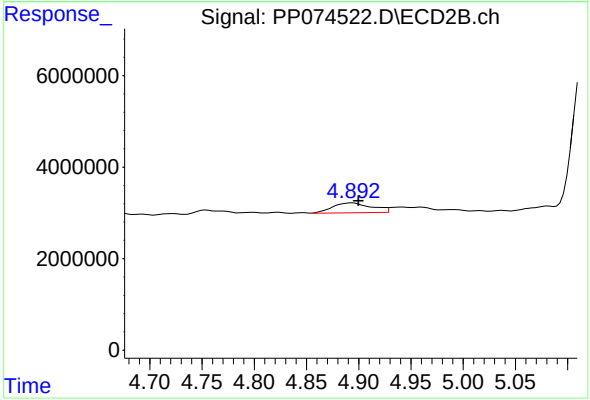

#15 AR-1232-5

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 44864151
Conc: 722.64 ng/ml



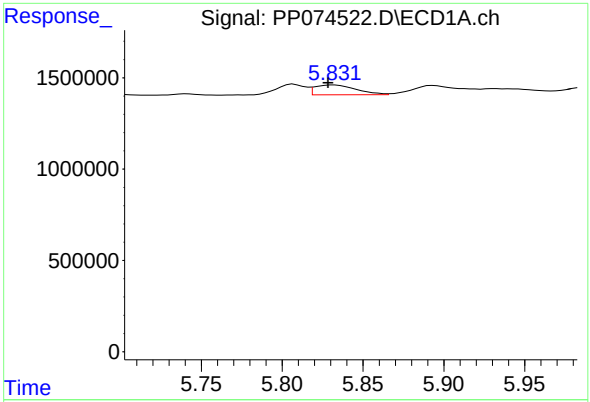

#16 AR-1242-1

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 750005
Conc: 19.60 ng/ml




#16 AR-1242-1

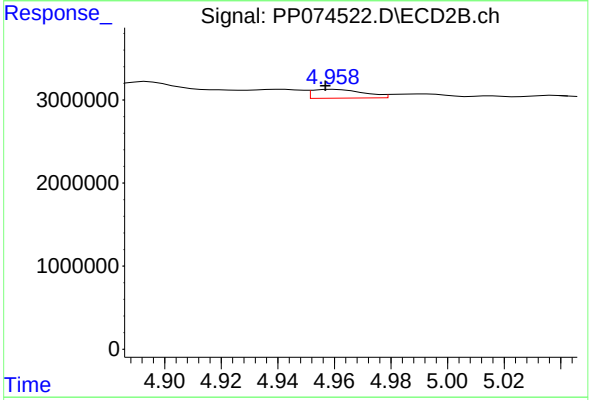
R.T.: 4.894 min
Delta R.T.: -0.006 min
Response: 5643991
Conc: 13.38 ng/ml




#17 AR-1242-2

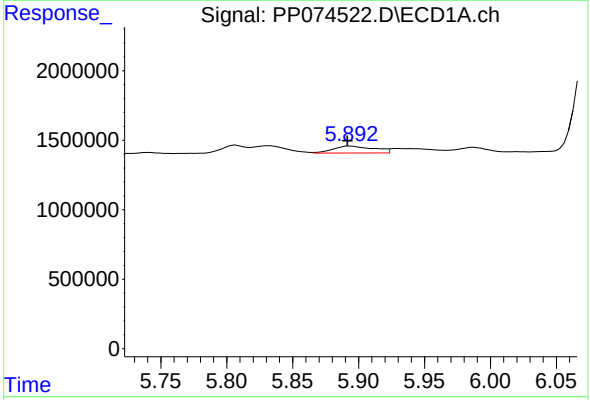
R.T.: 5.832 min
Delta R.T.: 0.004 min
Response: 959611
Conc: 16.99 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



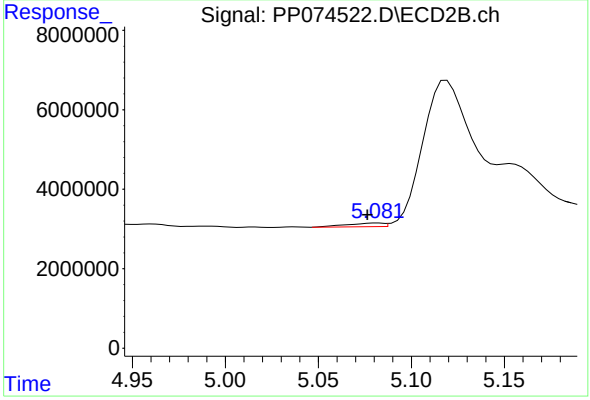

#17 AR-1242-2

R.T.: 4.960 min
Delta R.T.: 0.003 min
Response: 1349210
Conc: 6.74 ng/ml



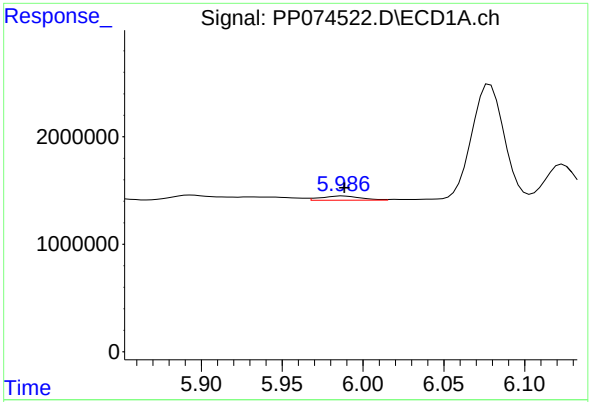

#18 AR-1242-3

R.T.: 5.894 min
Delta R.T.: 0.002 min
Response: 1080182
Conc: 26.60 ng/ml




#18 AR-1242-3

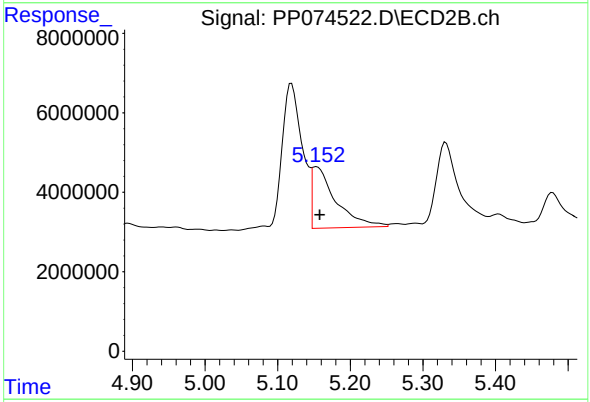
R.T.: 5.082 min
Delta R.T.: 0.005 min
Response: 1266128
Conc: 10.70 ng/ml




#19 AR-1242-4

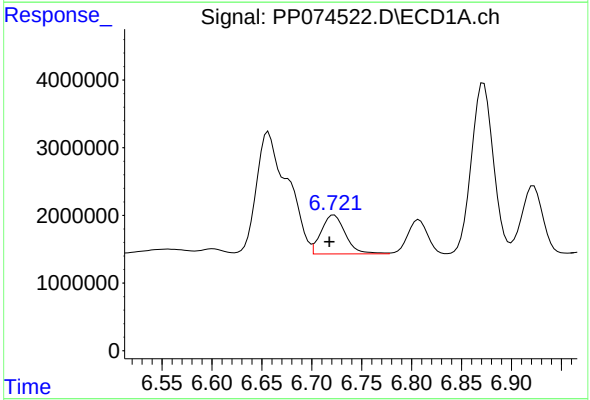
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 655902
Conc: 20.66 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



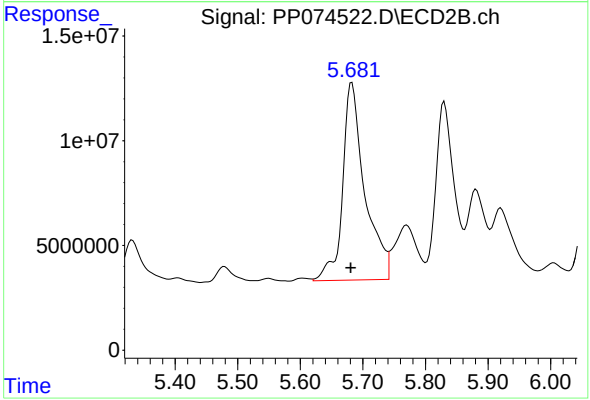

#19 AR-1242-4

R.T.: 5.154 min
Delta R.T.: -0.004 min
Response: 35392594
Conc: 206.78 ng/ml



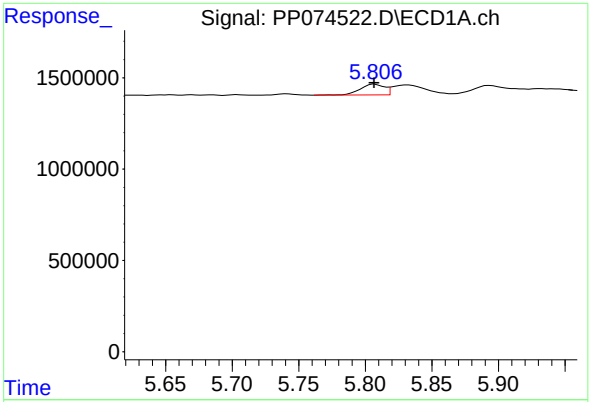

#20 AR-1242-5

R.T.: 6.722 min
Delta R.T.: 0.005 min
Response: 9708916
Conc: 269.16 ng/ml




#20 AR-1242-5

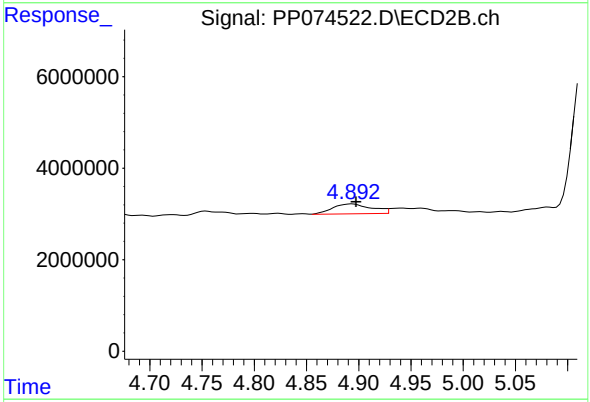
R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 232600192
Conc: 1256.18 ng/ml




#21 AR-1248-1

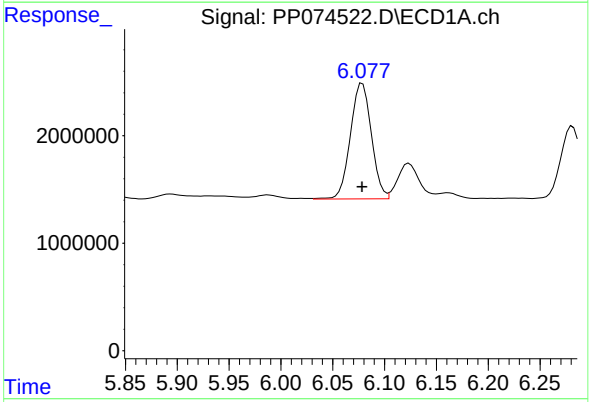
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 750005
Conc: 24.81 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



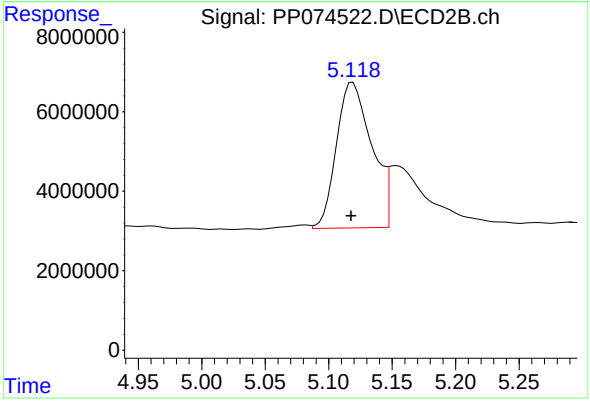

#21 AR-1248-1

R.T.: 4.894 min
Delta R.T.: -0.004 min
Response: 5643991
Conc: 20.44 ng/ml



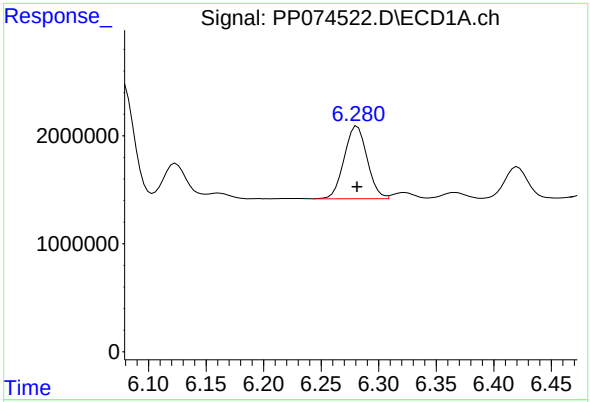

#22 AR-1248-2

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 15193588
Conc: 352.55 ng/ml




#22 AR-1248-2

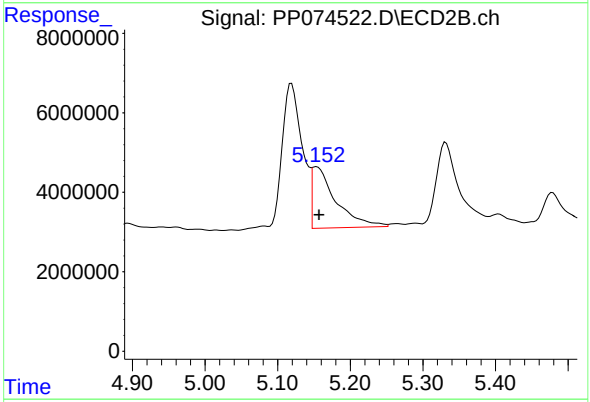
R.T.: 5.119 min
Delta R.T.: 0.001 min
Response: 70805439
Conc: 400.58 ng/ml




#23 AR-1248-3

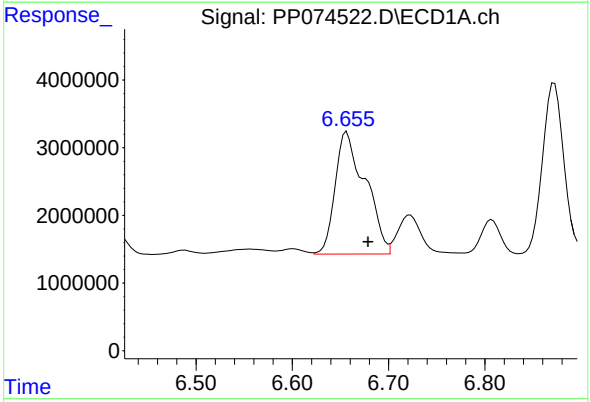
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 9369103
Conc: 200.61 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



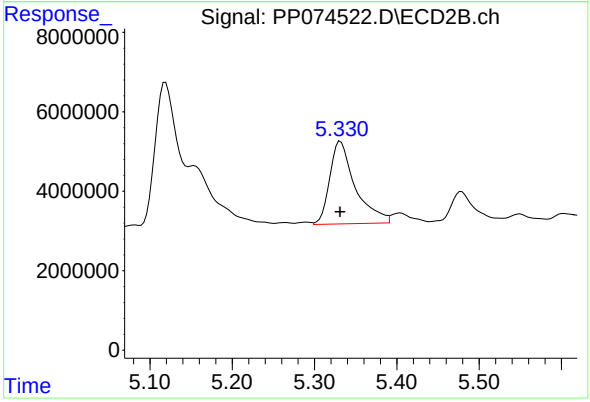

#23 AR-1248-3

R.T.: 5.154 min
Delta R.T.: -0.003 min
Response: 35392594
Conc: 155.77 ng/ml



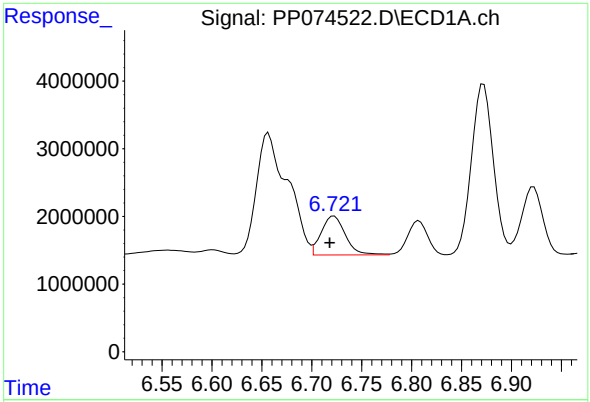

#24 AR-1248-4

R.T.: 6.657 min
Delta R.T.: -0.022 min
Response: 39266544
Conc: 713.93 ng/ml




#24 AR-1248-4

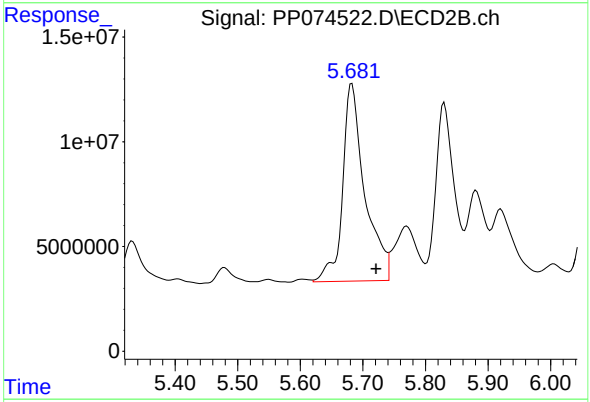
R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 44864151
Conc: 205.78 ng/ml




#25 AR-1248-5

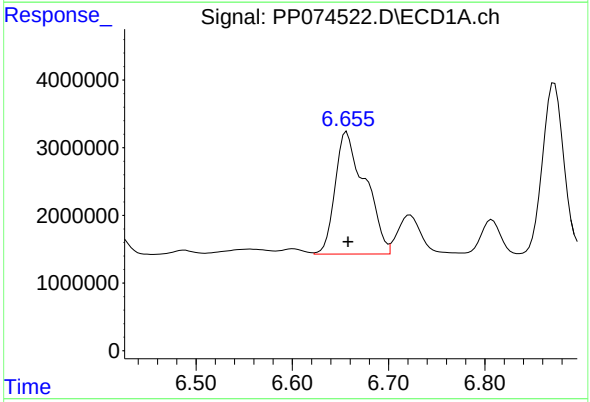
R.T.: 6.722 min
Delta R.T.: 0.004 min
Response: 9708916
Conc: 175.03 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



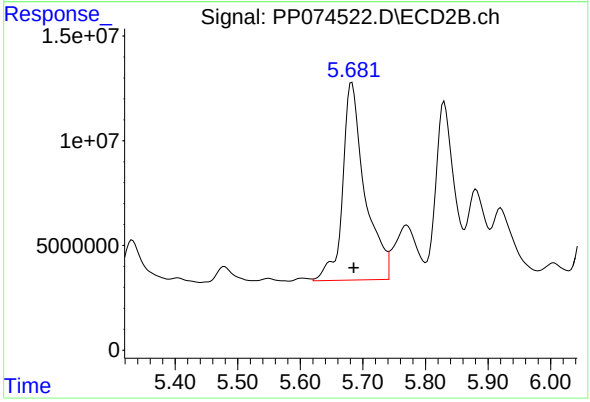

#25 AR-1248-5

R.T.: 5.682 min
Delta R.T.: -0.038 min
Response: 232600192
Conc: 633.23 ng/ml



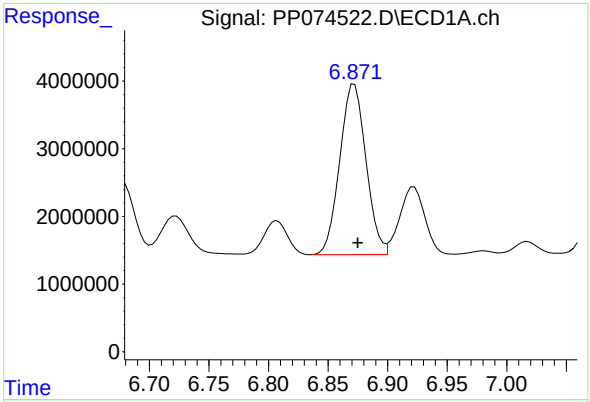

#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: -0.001 min
Response: 39266544
Conc: 673.88 ng/ml




#26 AR-1254-1

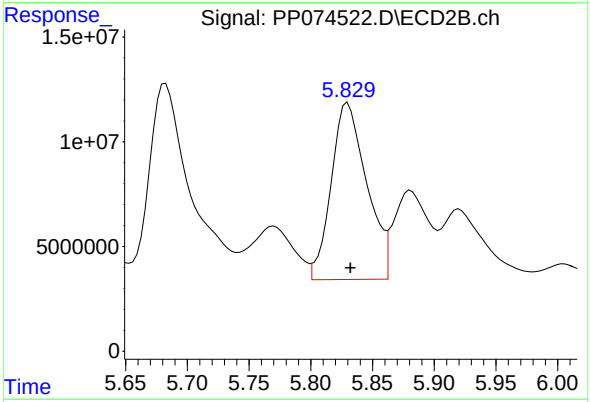
R.T.: 5.682 min
Delta R.T.: -0.003 min
Response: 232600192
Conc: 487.93 ng/ml




#27 AR-1254-2

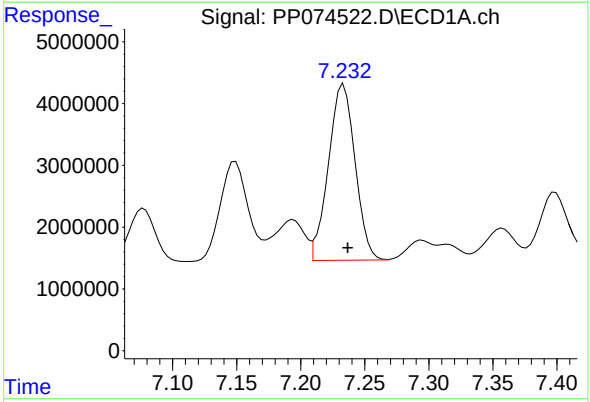
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 38555301
Conc: 472.40 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



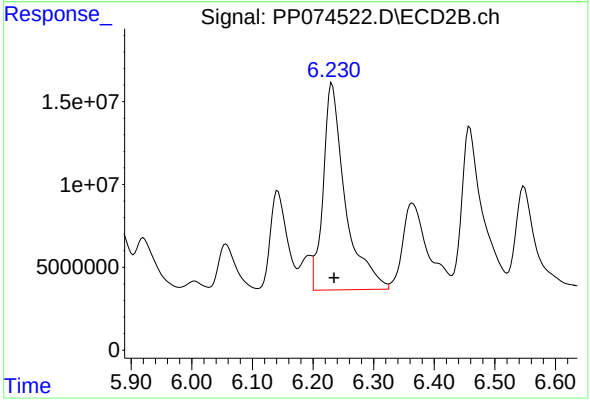

#27 AR-1254-2

R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 169110333
Conc: 480.25 ng/ml



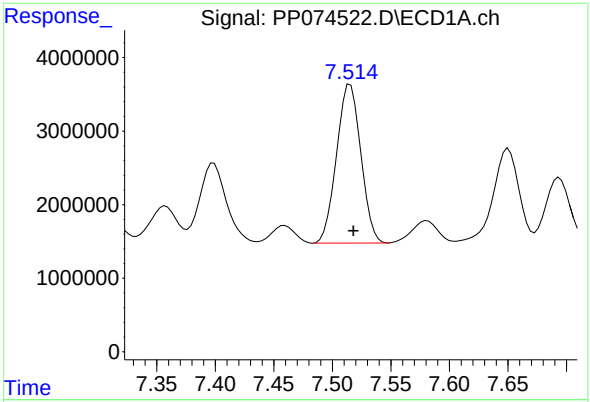

#28 AR-1254-3

R.T.: 7.233 min
Delta R.T.: -0.003 min
Response: 41293274
Conc: 462.90 ng/ml




#28 AR-1254-3

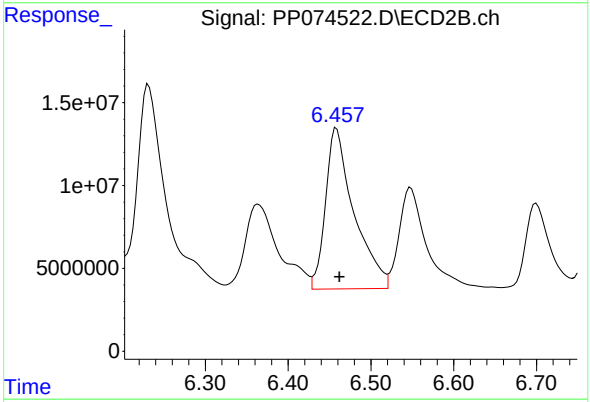
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 315259795
Conc: 508.64 ng/ml




#29 AR-1254-4

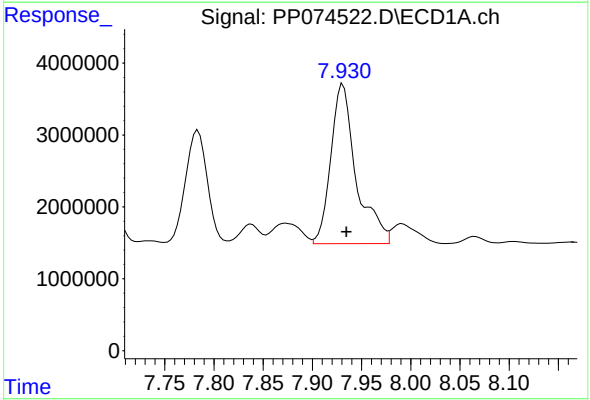
R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 31170607
Conc: 472.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



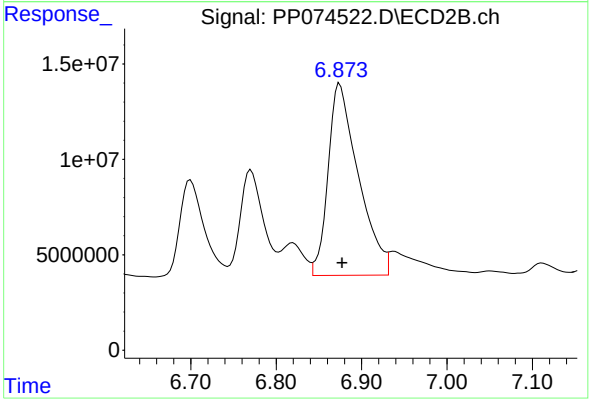

#29 AR-1254-4

R.T.: 6.458 min
Delta R.T.: -0.003 min
Response: 231822957
Conc: 494.69 ng/ml



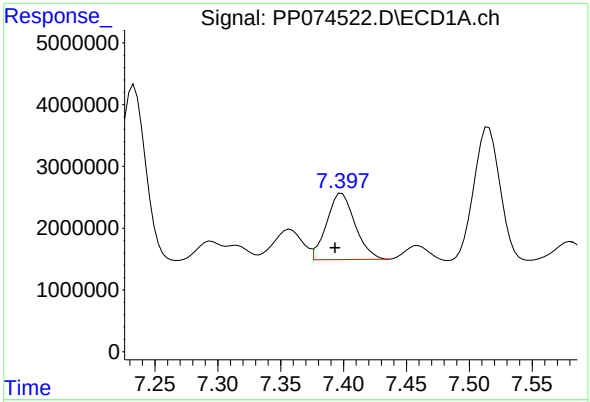

#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 39856792
Conc: 479.71 ng/ml




#30 AR-1254-5

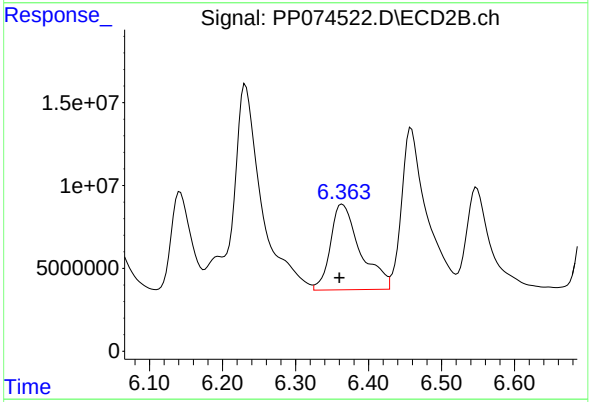
R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 247897423
Conc: 505.40 ng/ml




#31 AR-1260-1

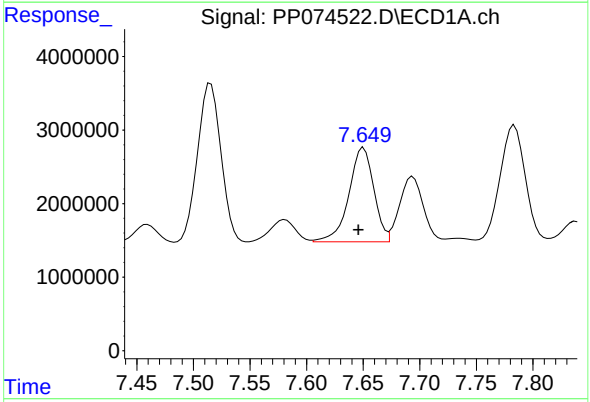
R.T.: 7.399 min
Delta R.T.: 0.005 min
Response: 16874853
Conc: 291.90 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



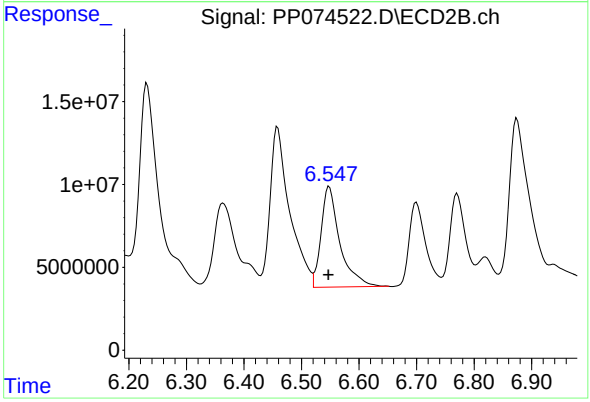

#31 AR-1260-1

R.T.: 6.364 min
Delta R.T.: 0.004 min
Response: 147323268
Conc: 392.63 ng/ml



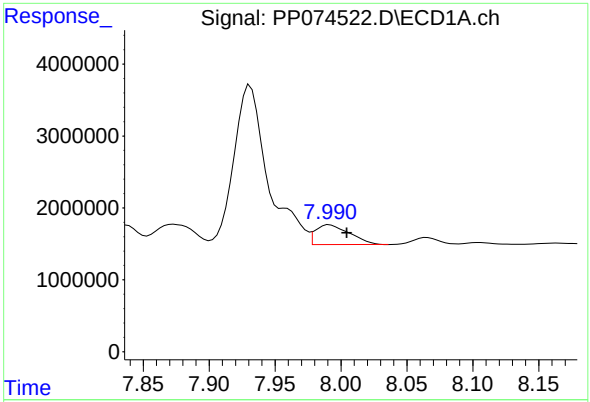

#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: 0.004 min
Response: 19662272
Conc: 285.30 ng/ml




#32 AR-1260-2

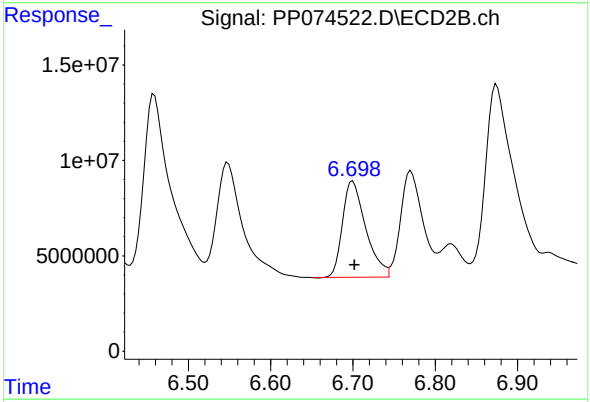
R.T.: 6.548 min
Delta R.T.: 0.001 min
Response: 138266055
Conc: 261.46 ng/ml




#33 AR-1260-3

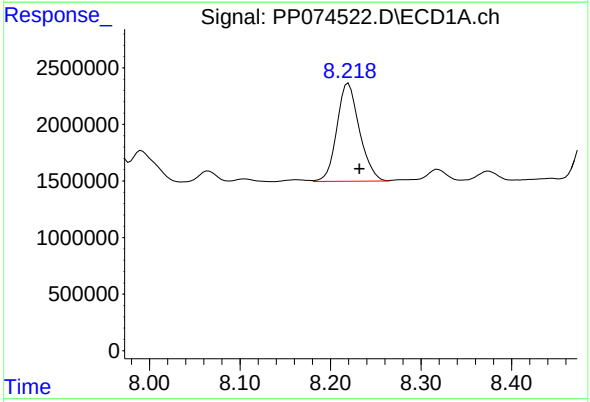
R.T.: 7.991 min
Delta R.T.: -0.013 min
Response: 4976830
Conc: 95.92 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



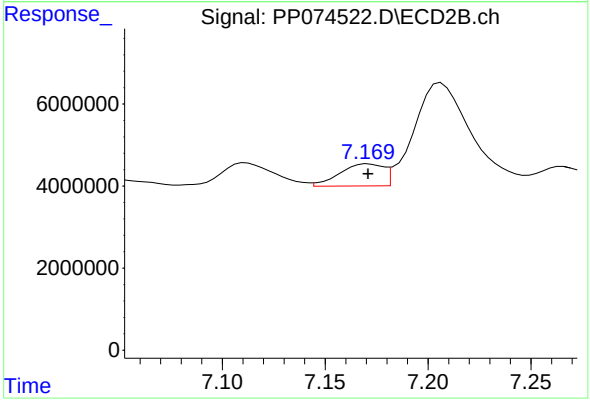

#33 AR-1260-3

R.T.: 6.700 min
Delta R.T.: -0.002 min
Response: 99337094
Conc: 229.42 ng/ml



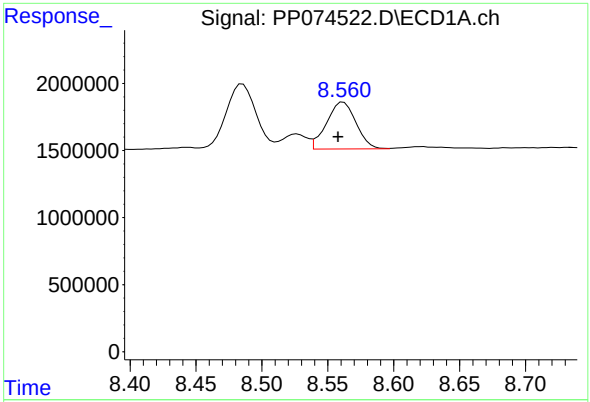

#34 AR-1260-4

R.T.: 8.220 min
Delta R.T.: -0.012 min
Response: 14985236
Conc: 234.90 ng/ml




#34 AR-1260-4

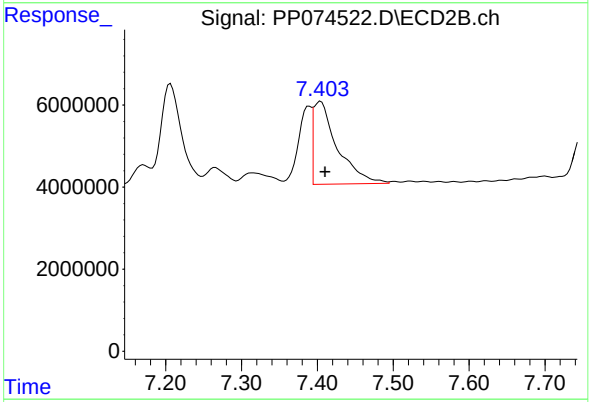
R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 7985079
Conc: 20.93 ng/ml




#35 AR-1260-5

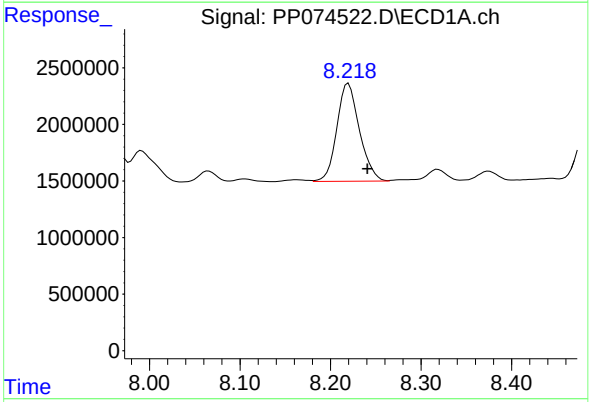
R.T.: 8.562 min
Delta R.T.: 0.004 min
Response: 5440543
Conc: 47.97 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



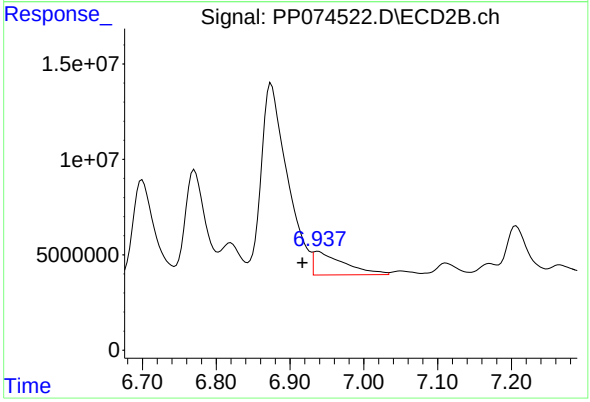

#35 AR-1260-5

R.T.: 7.404 min
Delta R.T.: -0.006 min
Response: 44562227
Conc: 44.36 ng/ml



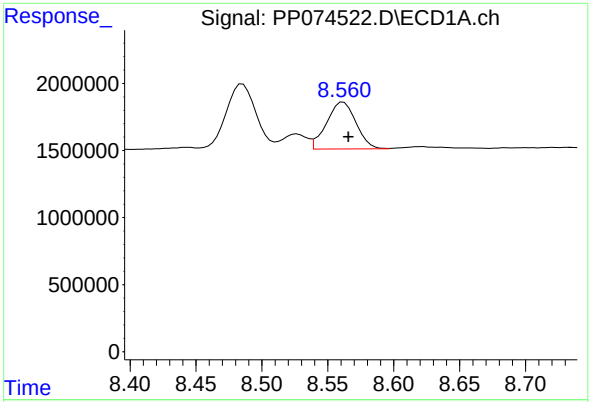

#36 AR-1262-1

R.T.: 8.220 min
Delta R.T.: -0.021 min
Response: 14985236
Conc: 194.57 ng/ml




#36 AR-1262-1

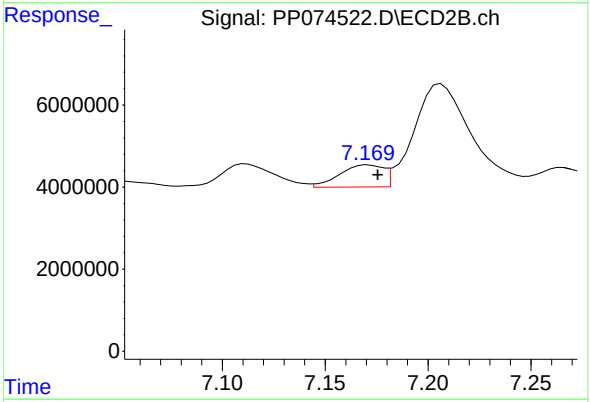
R.T.: 6.938 min
Delta R.T.: 0.021 min
Response: 35500592
Conc: 50.19 ng/ml




#37 AR-1262-2

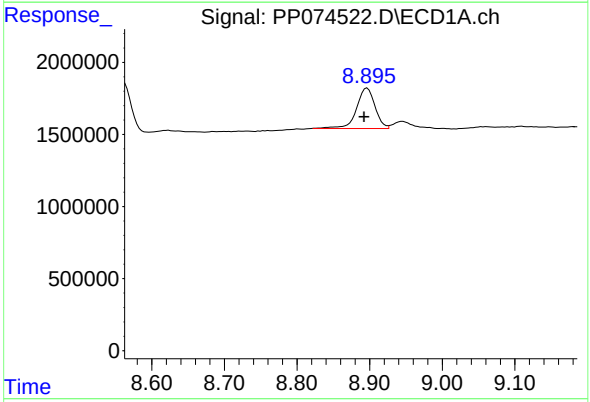
R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 5440543
Conc: 41.10 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



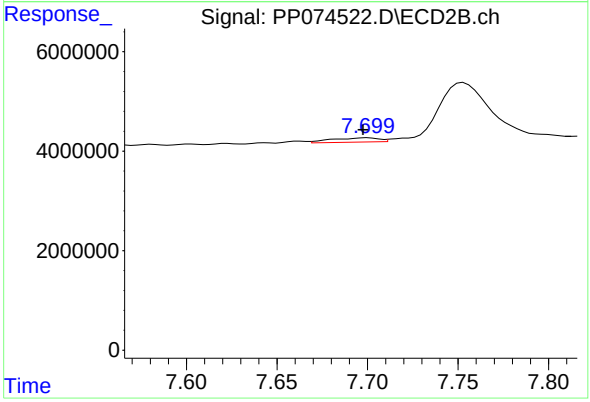

#37 AR-1262-2

R.T.: 7.171 min
Delta R.T.: -0.005 min
Response: 7985079
Conc: 15.33 ng/ml



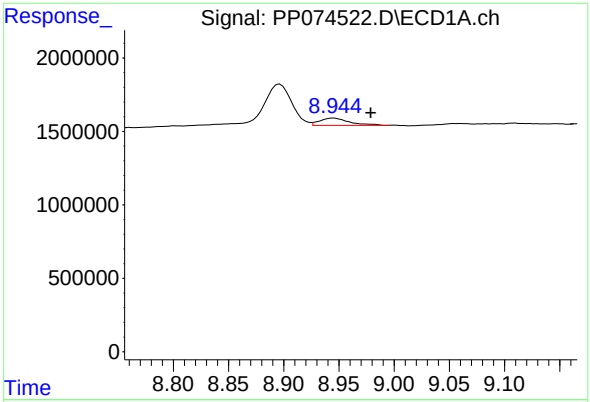

#38 AR-1262-3

R.T.: 8.897 min
Delta R.T.: 0.004 min
Response: 4928010
Conc: 50.69 ng/ml




#38 AR-1262-3

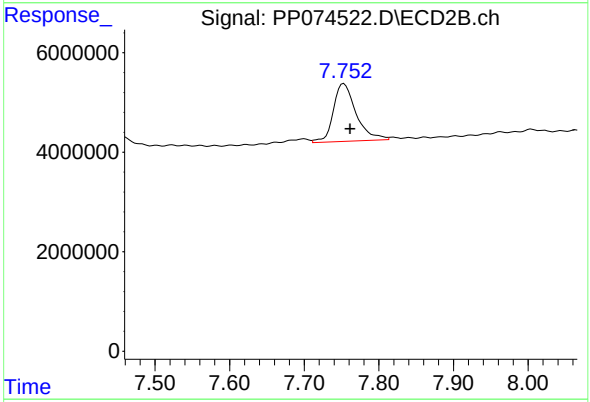
R.T.: 7.700 min
Delta R.T.: 0.003 min
Response: 1583894
Conc: 3.40 ng/ml




#39 AR-1262-4

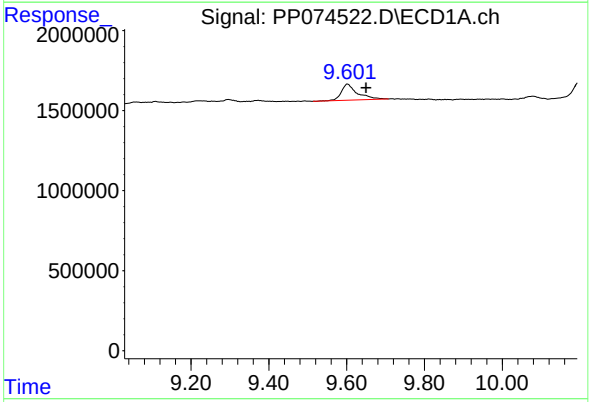
R.T.: 8.945 min
Delta R.T.: -0.033 min
Response: 924526
Conc: 12.27 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



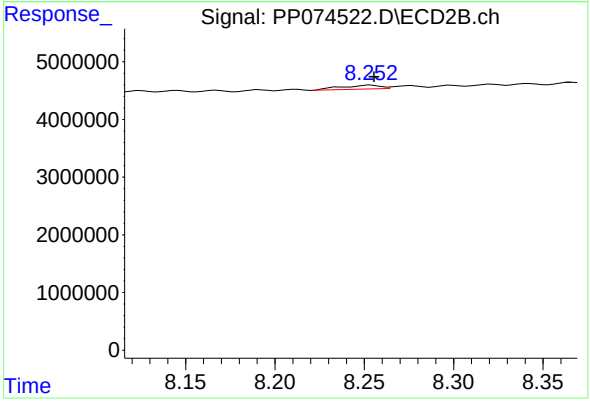

#39 AR-1262-4

R.T.: 7.753 min
Delta R.T.: -0.008 min
Response: 24615396
Conc: 29.95 ng/ml



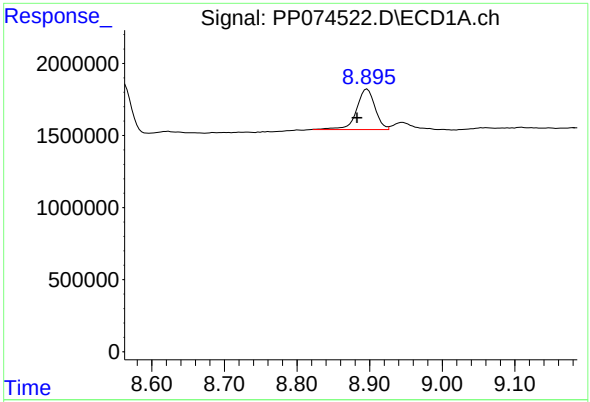

#40 AR-1262-5

R.T.: 9.603 min
Delta R.T.: -0.047 min
Response: 2877554
Conc: 47.21 ng/ml




#40 AR-1262-5

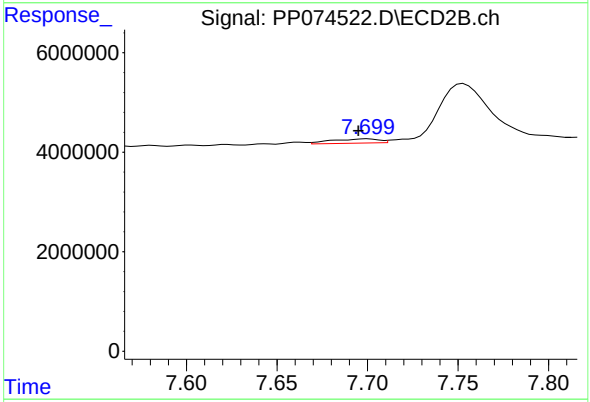
R.T.: 8.254 min
Delta R.T.: -0.002 min
Response: 1035944
Conc: 2.89 ng/ml




#41 AR-1268-1

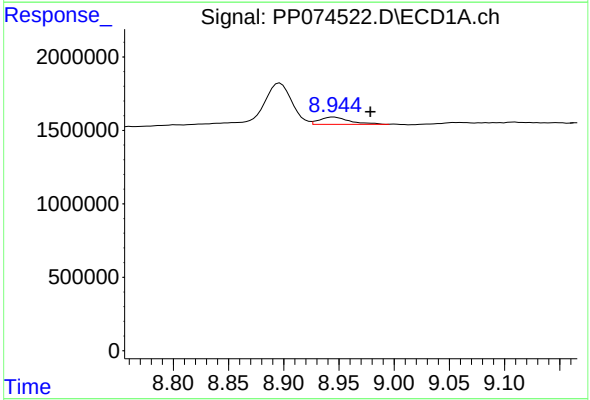
R.T.: 8.897 min
Delta R.T.: 0.014 min
Response: 4928010
Conc: 30.41 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



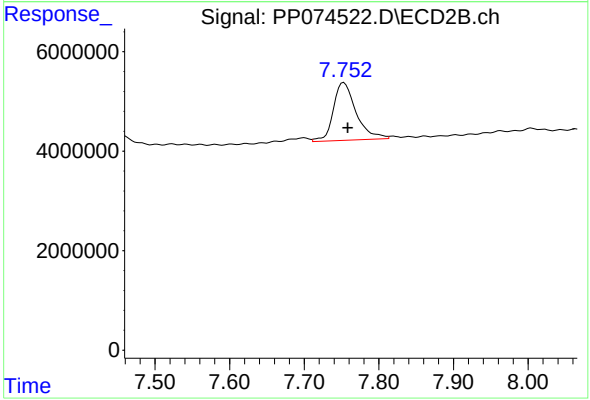

#41 AR-1268-1

R.T.: 7.700 min
Delta R.T.: 0.005 min
Response: 1583894
Conc: 1.12 ng/ml



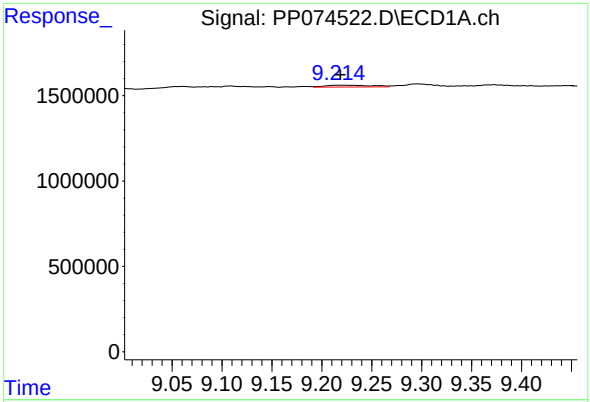

#42 AR-1268-2

R.T.: 8.945 min
Delta R.T.: -0.033 min
Response: 924526
Conc: 6.30 ng/ml




#42 AR-1268-2

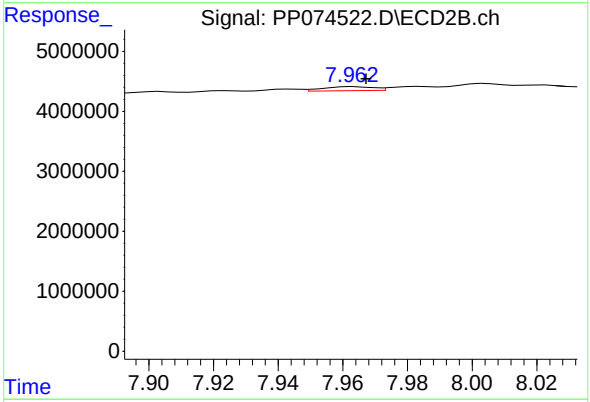
R.T.: 7.753 min
Delta R.T.: -0.005 min
Response: 24615396
Conc: 18.05 ng/ml




#43 AR-1268-3

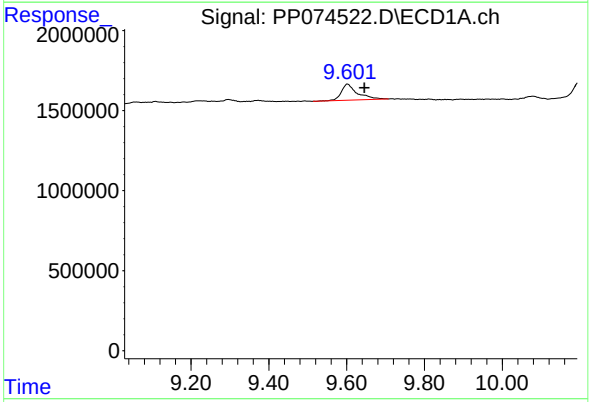
R.T.: 9.216 min
Delta R.T.: -0.002 min
Response: 336103
Conc: 2.72 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254



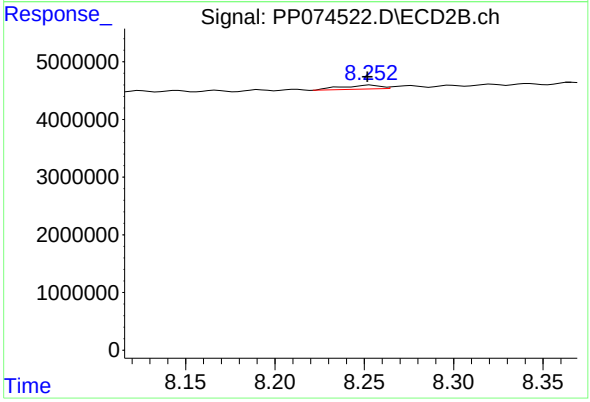

#43 AR-1268-3

R.T.: 7.963 min
Delta R.T.: -0.004 min
Response: 717631
Conc: 0.69 ng/ml



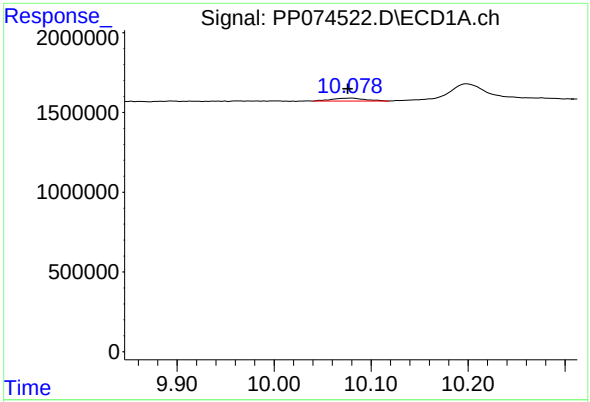

#44 AR-1268-4

R.T.: 9.603 min
Delta R.T.: -0.043 min
Response: 2877554
Conc: 42.78 ng/ml




#44 AR-1268-4

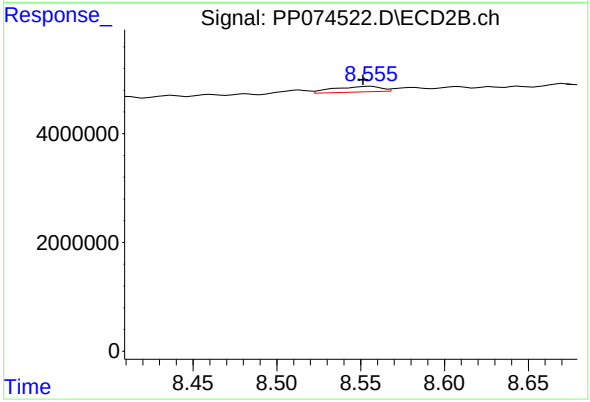
R.T.: 8.254 min
Delta R.T.: 0.002 min
Response: 1035944
Conc: 2.70 ng/ml




#45 AR-1268-5

R.T.: 10.080 min
Delta R.T.: 0.004 min
Response: 430496
Conc: 1.16 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
ICVPP081925AR1254




#45 AR-1268-5

R.T.: 8.556 min
Delta R.T.: 0.004 min
Response: 2014167
Conc: 0.64 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 08:40
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: Sep 05 23:33:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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 | 3.795 | 65113072 | 295.9E6 | 53.210 | 61.193 | |
| 2) | SA Decachlor... | 10.433 | 8.806 | 55383628 | 419.5E6 | 56.084 | 55.944 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.806 | 4.893 | 22460820 | 283.1E6 | 509.444 | 555.765 | |
| 4) | L1 AR-1016-2 | 5.827 | 4.952 | 33313652 | 135.3E6 | 530.121 | 568.339 | |
| 5) | L1 AR-1016-3 | 5.890 | 5.072 | 21487838 | 74454459 | 478.423 | 539.902 | |
| 6) | L1 AR-1016-4 | 5.988 | 5.112 | 17894407 | 73849165 | 508.627 | 528.236 | |
| 7) | L1 AR-1016-5 | 6.280 | 5.327 | 17540594 | 79023130 | 528.553 | 475.804 | |
| 8) | L2 AR-1221-1 | 4.849 | 4.007 | 2651382 | 9148719 | 150.708 | 147.876 | |
| 9) | L2 AR-1221-2 | 4.940 | 4.091 | 3988926 | 12583198 | 298.635 | 278.315 | |
| 10) | L2 AR-1221-3 | 5.015 | 4.168 | 13526385 | 56009822 | 356.777 | 340.912 | |
| 11) | L3 AR-1232-1 | 5.015 | 4.168 | 13526385 | 56009822 | 445.329 | 437.251 | |
| 12) | L3 AR-1232-2 | 5.541 | 4.893 | 17183818 | 283.1E6 | 1090.466 | 1221.265 | |
| 13) | L3 AR-1232-3 | 5.827 | 5.072 | 33313652 | 74454459 | 1090.688 | 1239.673 | |
| 14) | L3 AR-1232-4 | 5.988 | 5.155 | 17894407 | 135.0E6 | 1036.199 | 1831.554 | # |
| 15) | L3 AR-1232-5 | 6.077 | 5.327 | 15749505 | 79023130 | 1213.278 | 1272.846 | |
| 16) | L4 AR-1242-1 | 5.806 | 4.893 | 22460820 | 283.1E6 | 586.824 | 671.201 | |
| 17) | L4 AR-1242-2 | 5.827 | 4.952 | 33313652 | 135.3E6 | 589.810 | 675.413 | |
| 18) | L4 AR-1242-3 | 5.890 | 5.072 | 21487838 | 74454459 | 529.219 | 629.379 | |
| 19) | L4 AR-1242-4 | 5.988 | 5.155 | 17894407 | 135.0E6 | 563.748 | 788.733 | # |
| 20) | L4 AR-1242-5 | 6.717 | 5.677 | 6297832 | 131.1E6 | 174.597 | 707.851 | # |
| 21) | L5 AR-1248-1 | 5.806 | 4.893 | 22460820 | 283.1E6 | 743.145 | 1025.125 | # |
| 22) | L5 AR-1248-2 | 6.077 | 5.112 | 15749505 | 73849165 | 365.451 | 417.804 | |
| 23) | L5 AR-1248-3 | 6.280 | 5.155 | 17540594 | 135.0E6 | 375.573 | 594.177 | # |
| 24) | L5 AR-1248-4 | 6.654 | 5.327 | 22572990 | 79023130 | 410.412 | 362.456 | |
| 25) | L5 AR-1248-5 | 6.717 | 5.761f | 6297832 | 25684981 | 113.535 | 69.925 | # |
| 26) | L6 AR-1254-1 | 6.654 | 5.677 | 22572990 | 131.1E6 | 387.390 | 274.944 | # |
| 27) | L6 AR-1254-2 | 6.870 | 5.823 | 14280218 | 73957939 | 174.968 | 210.029 | |
| 28) | L6 AR-1254-3 | 7.231 | 6.240 | 9901226 | 159.6E6 | 110.992 | 257.571 | # |
| 29) | L6 AR-1254-4 | 7.515 | 6.452 | 5791142 | 14661142 | 87.860 | 31.285 | # |
| 30) | L6 AR-1254-5 | 7.929 | 6.868 | 45041502 | 197.0E6 | 542.114 | 401.629 | # |
| 31) | L7 AR-1260-1 | 7.397 | 6.357 | 28353542 | 190.8E6 | 490.465 | 508.560 | |
| 32) | L7 AR-1260-2 | 7.650 | 6.542 | 33466693 | 264.2E6 | 485.605 | 499.680 | |
| 33) | L7 AR-1260-3 | 8.008 | 6.696 | 26820361 | 195.1E6 | 516.917 | 450.488 | |
| 34) | L7 AR-1260-4 | 8.236 | 7.166 | 31685900 | 186.9E6 | 496.701 | 489.815 | |
| 35) | L7 AR-1260-5 | 8.562 | 7.405 | 54055544 | 475.9E6 | 476.629 | 473.774 | |
| 36) | L8 AR-1262-1 | 8.236 | 6.905 | 31685900 | 262.9E6 | 411.420 | 371.722 | |
| 37) | L8 AR-1262-2 | 8.562 | 7.166 | 54055544 | 186.9E6 | 408.335 | 358.837 | |
| 38) | L8 AR-1262-3 | 8.893 | 7.688 | 37013911 | 104.5E6 | 380.753 | 224.009 | # |
| 39) | L8 AR-1262-4 | 8.973 | 7.751 | 24940988 | 317.6E6 | 331.088 | 386.459 | |
| 40) | L8 AR-1262-5 | 9.646 | 8.246 | 17879396 | 109.3E6 | 293.315 | 305.164 | |
| 41) | L9 AR-1268-1 | 8.893 | 7.688 | 37013911 | 104.5E6 | 228.426 | 74.055 | # |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 08:40
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: Sep 05 23:33:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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 |
|---|---|---|---|---|---|---|---|
| 42) L9 | AR-1268-2 | 8.973 | 7.751 | 24940988 | 317.6E6 | 169.970 | 232.954 # |
| 43) L9 | AR-1268-3 | 9.220 | 7.957 | 959909 | 5137681 | 7.767 | 4.925 # |
| 44) L9 | AR-1268-4 | 9.646 | 8.246 | 17879396 | 109.3E6 | 265.814 | 285.420 |
| 45) L9 | AR-1268-5 | 10.076 | 8.543 | 5177067 | 26786431 | 13.986 | 8.541 # |

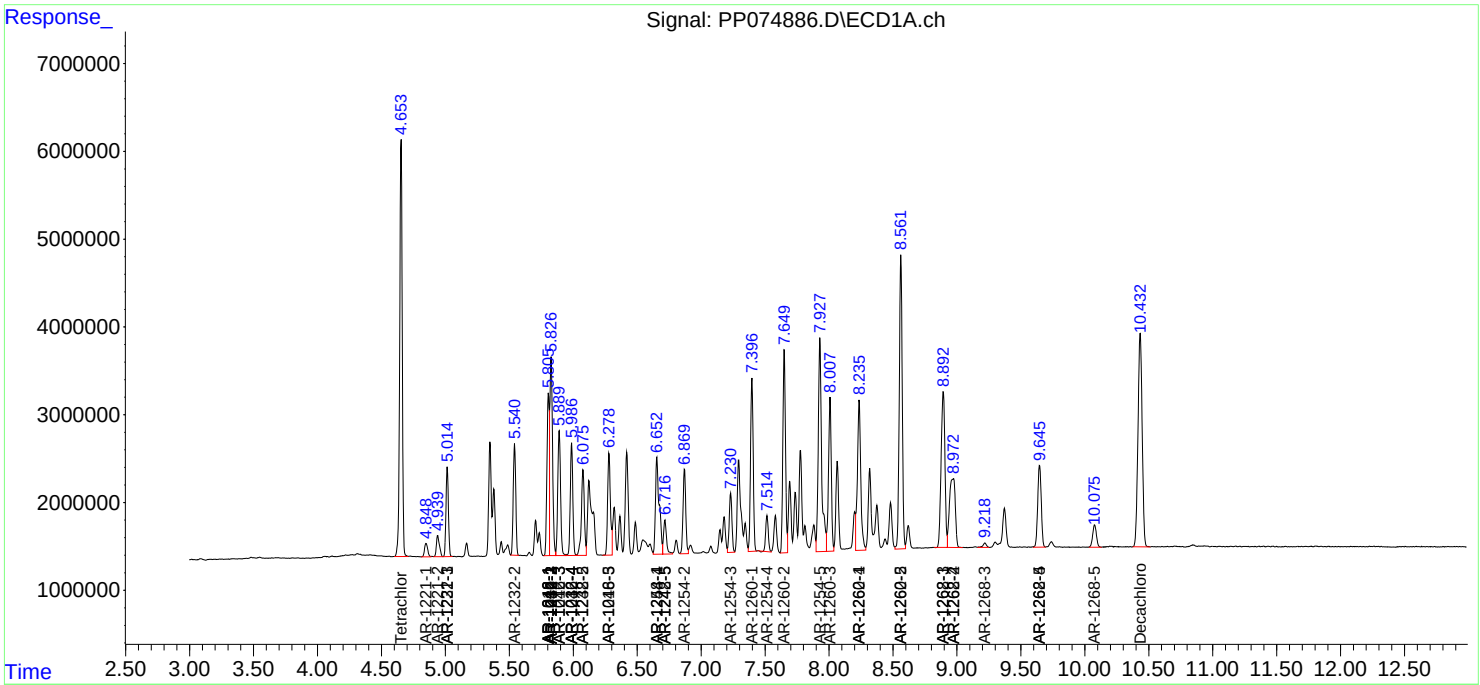
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

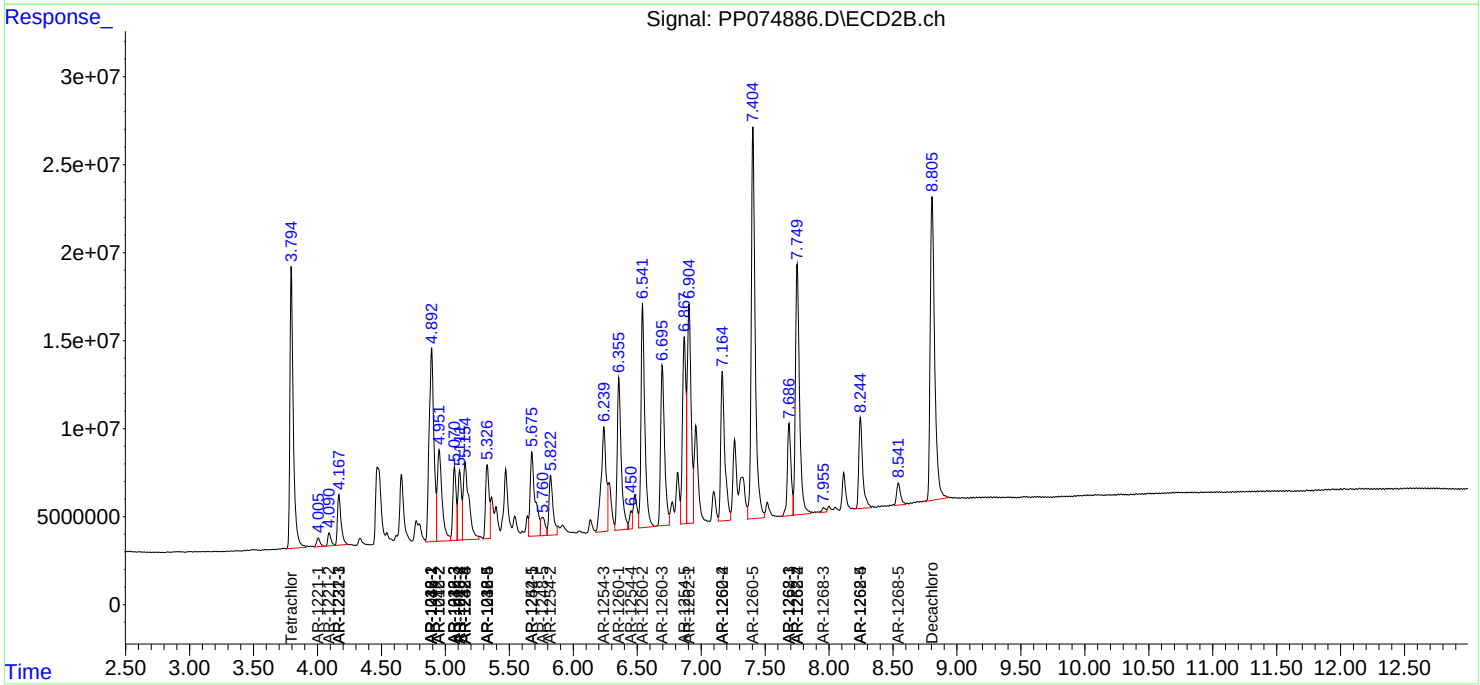
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 08:40
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

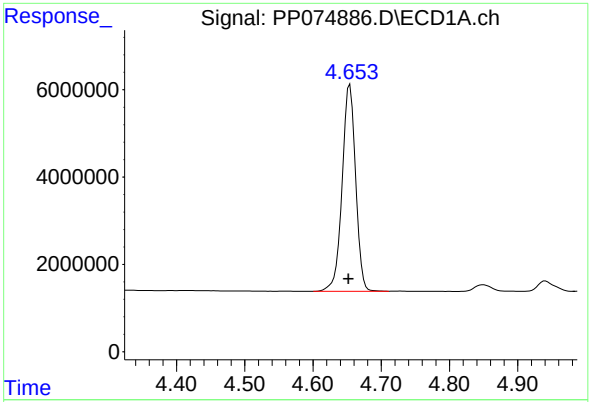
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:33:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



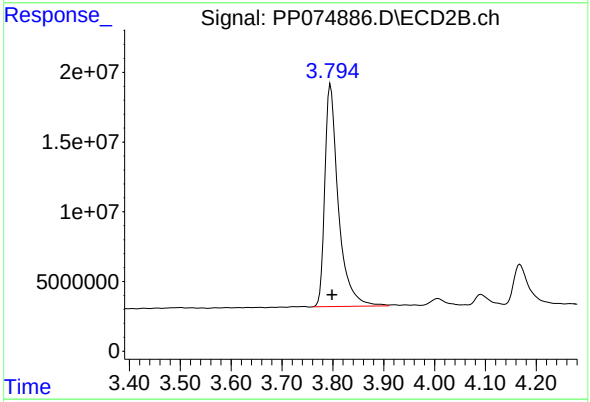






#1 Tetrachloro-m-xylene

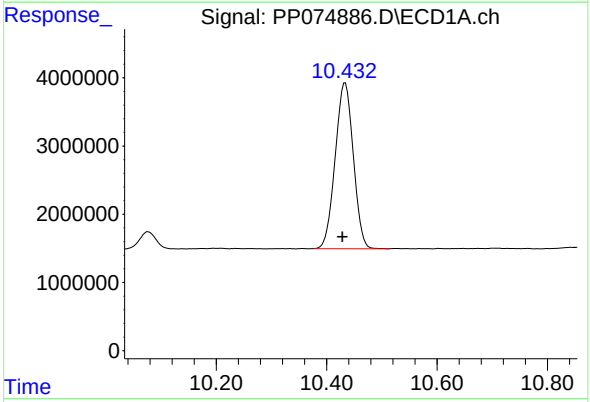
R.T.: 4.654 min
Delta R.T.: 0.002 min
Response: 65113072
Conc: 53.21 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



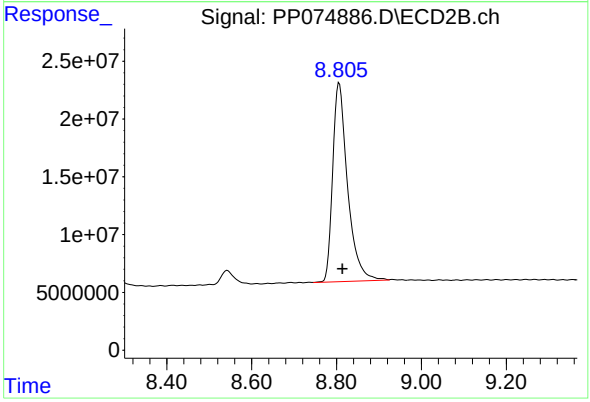

#1 Tetrachloro-m-xylene

R.T.: 3.795 min
Delta R.T.: -0.003 min
Response: 295894567
Conc: 61.19 ng/ml



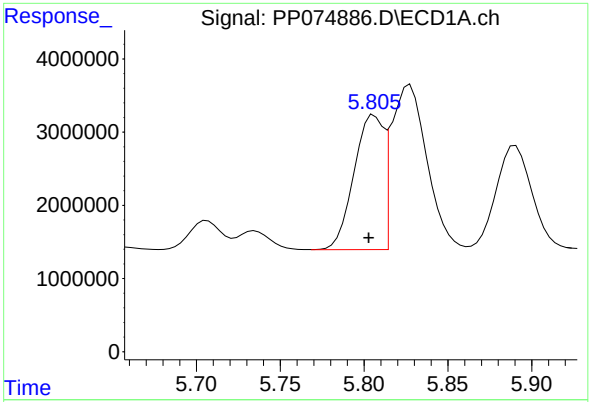

#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.005 min
Response: 55383628
Conc: 56.08 ng/ml




#2 Decachlorobiphenyl

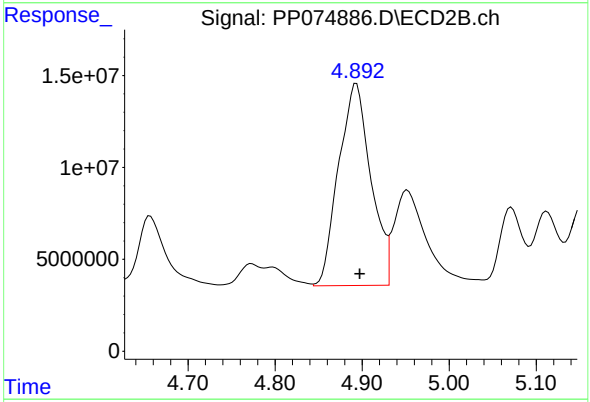
R.T.: 8.806 min
Delta R.T.: -0.008 min
Response: 419535021
Conc: 55.94 ng/ml




#3 AR-1016-1

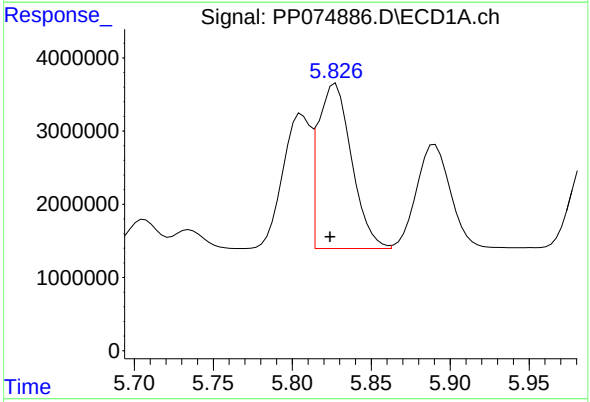
R.T.: 5.806 min
Delta R.T.: 0.003 min
Response: 22460820
Conc: 509.44 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



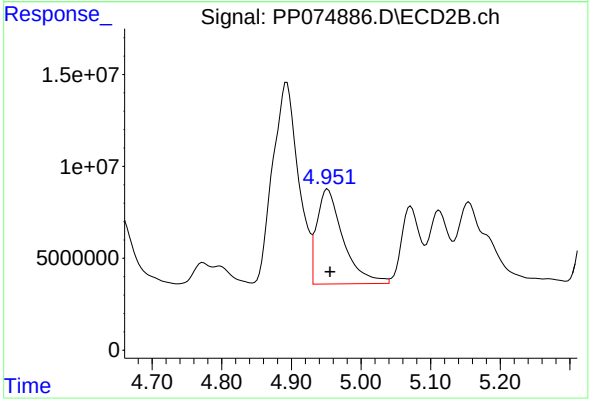

#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: -0.004 min
Response: 283081035
Conc: 555.77 ng/ml



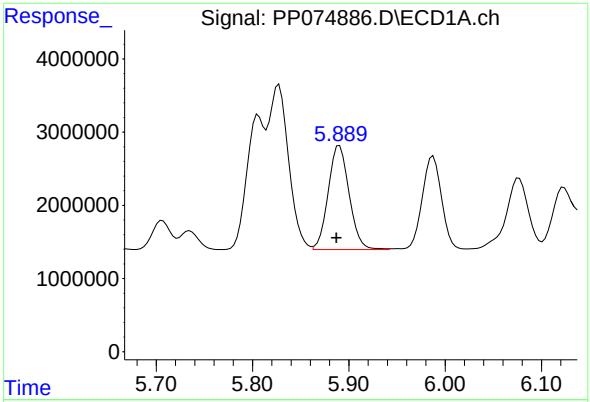

#4 AR-1016-2

R.T.: 5.827 min
Delta R.T.: 0.003 min
Response: 33313652
Conc: 530.12 ng/ml




#4 AR-1016-2

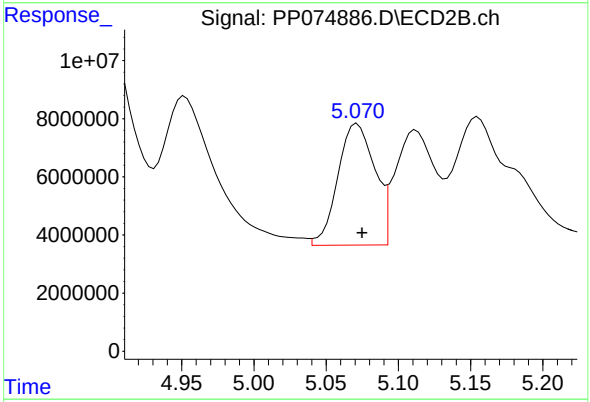
R.T.: 4.952 min
Delta R.T.: -0.003 min
Response: 135273524
Conc: 568.34 ng/ml




#5 AR-1016-3

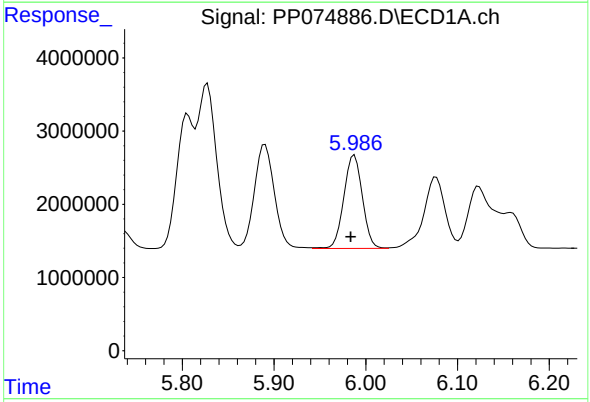
R.T.: 5.890 min
Delta R.T.: 0.003 min
Response: 21487838
Conc: 478.42 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



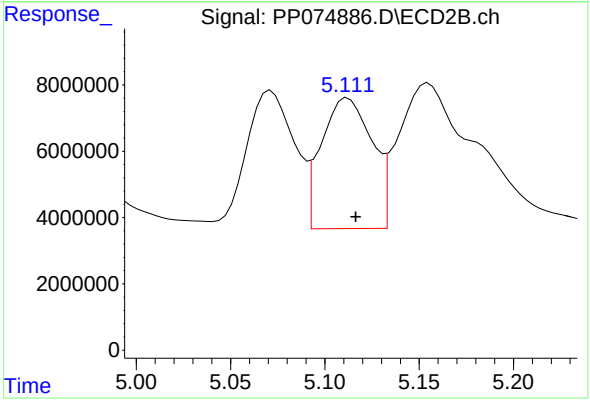

#5 AR-1016-3

R.T.: 5.072 min
Delta R.T.: -0.003 min
Response: 74454459
Conc: 539.90 ng/ml



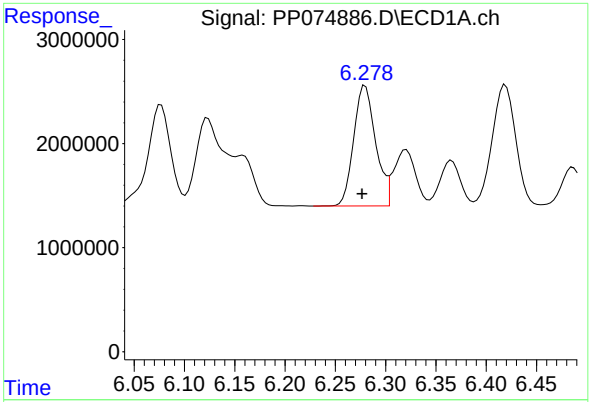

#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: 0.004 min
Response: 17894407
Conc: 508.63 ng/ml




#6 AR-1016-4

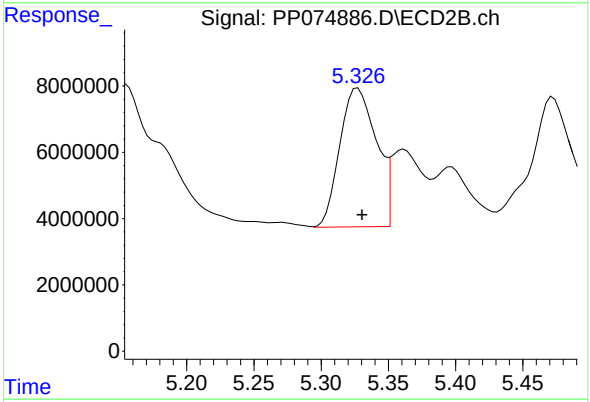
R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 73849165
Conc: 528.24 ng/ml




#7 AR-1016-5

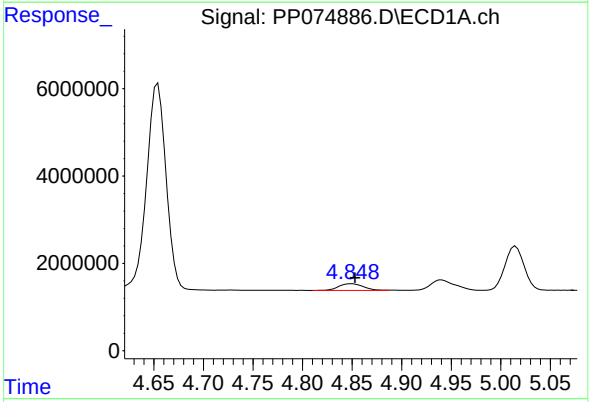
R.T.: 6.280 min
Delta R.T.: 0.003 min
Response: 17540594
Conc: 528.55 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



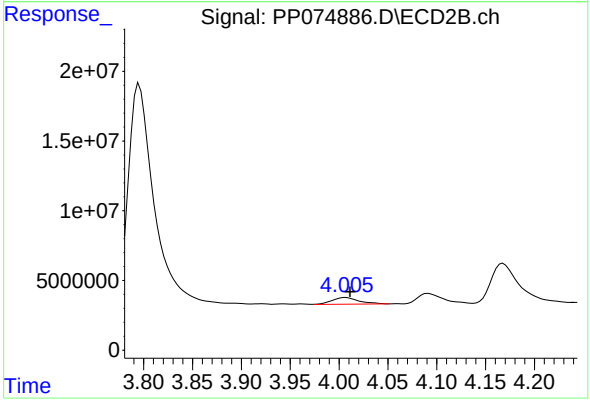

#7 AR-1016-5

R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 79023130
Conc: 475.80 ng/ml



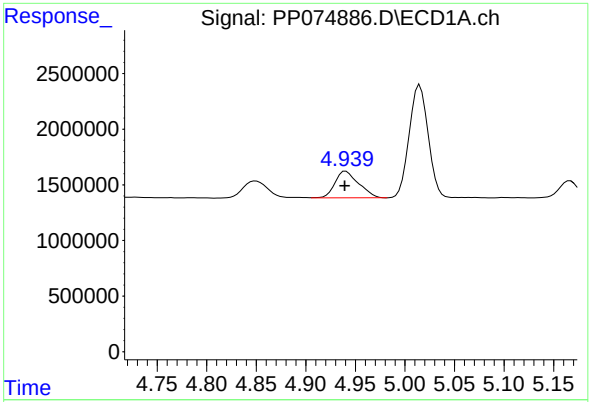

#8 AR-1221-1

R.T.: 4.849 min
Delta R.T.: -0.004 min
Response: 2651382
Conc: 150.71 ng/ml




#8 AR-1221-1

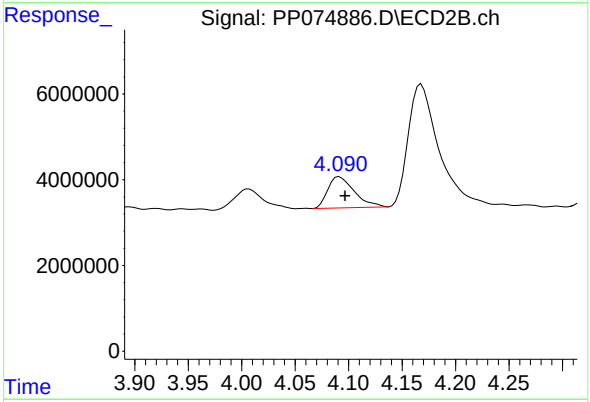
R.T.: 4.007 min
Delta R.T.: -0.005 min
Response: 9148719
Conc: 147.88 ng/ml




#9 AR-1221-2

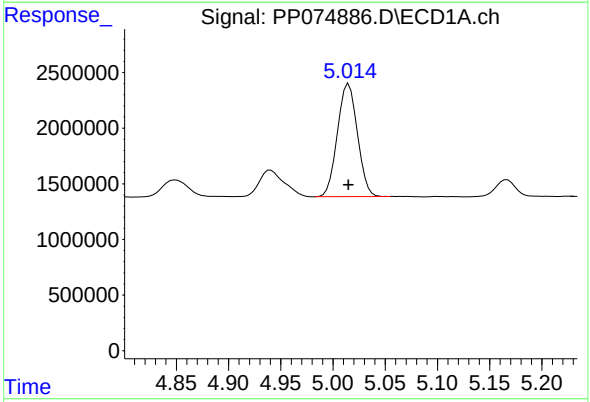
R.T.: 4.940 min
Delta R.T.: 0.001 min
Response: 3988926
Conc: 298.64 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



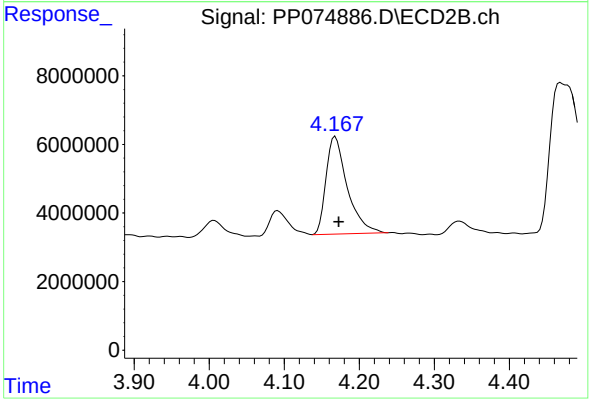

#9 AR-1221-2

R.T.: 4.091 min
Delta R.T.: -0.005 min
Response: 12583198
Conc: 278.31 ng/ml



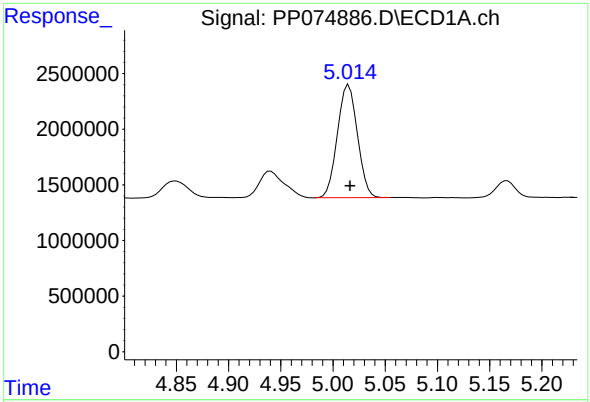

#10 AR-1221-3

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 13526385
Conc: 356.78 ng/ml




#10 AR-1221-3

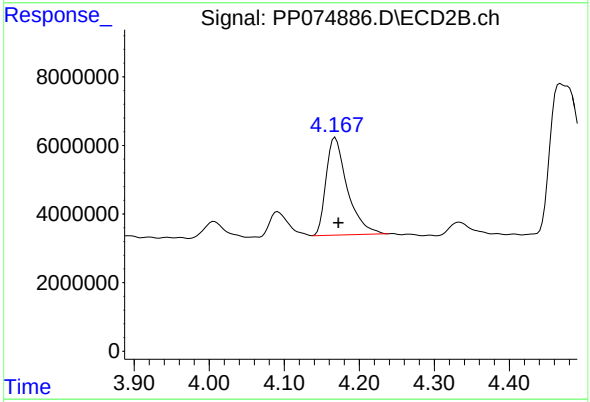
R.T.: 4.168 min
Delta R.T.: -0.005 min
Response: 56009822
Conc: 340.91 ng/ml




#11 AR-1232-1

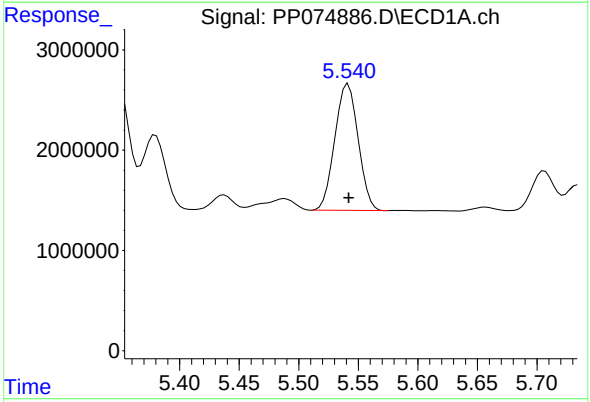
R.T.: 5.015 min
Delta R.T.: -0.001 min
Response: 13526385
Conc: 445.33 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



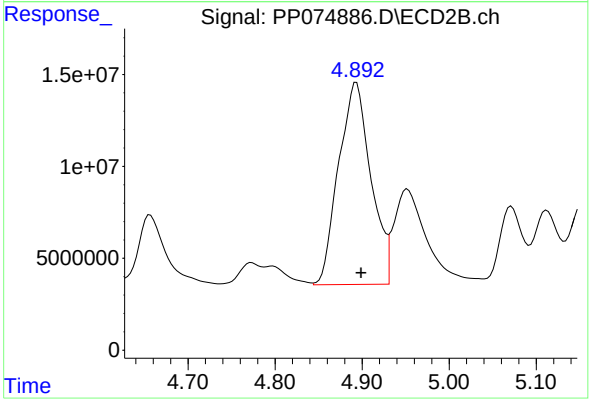

#11 AR-1232-1

R.T.: 4.168 min
Delta R.T.: -0.004 min
Response: 56009822
Conc: 437.25 ng/ml



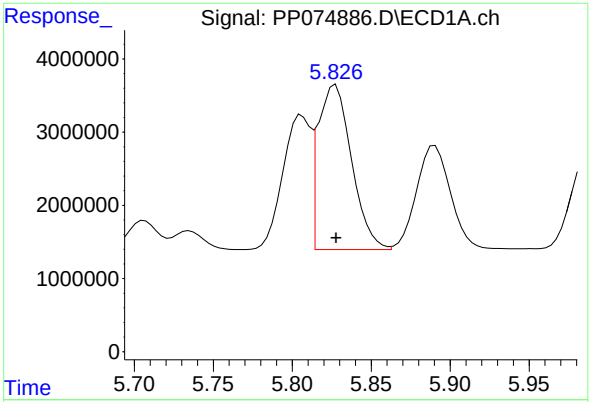

#12 AR-1232-2

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 17183818
Conc: 1090.47 ng/ml




#12 AR-1232-2

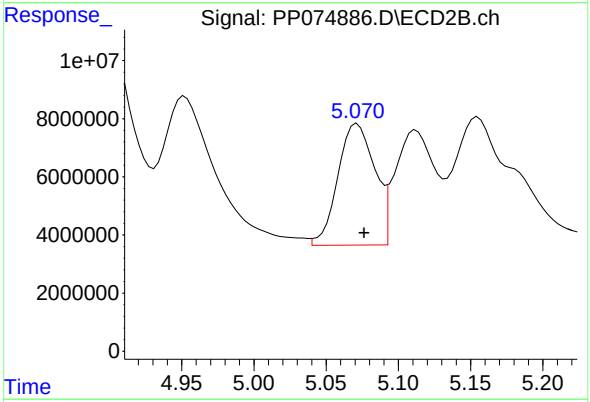
R.T.: 4.893 min
Delta R.T.: -0.005 min
Response: 283081035
Conc: 1221.26 ng/ml




#13 AR-1232-3

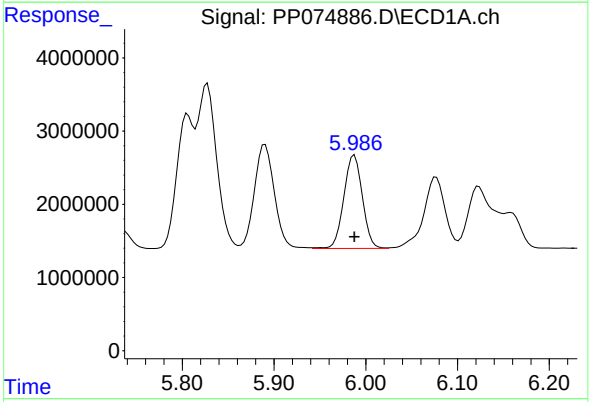
R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 33313652
Conc: 1090.69 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



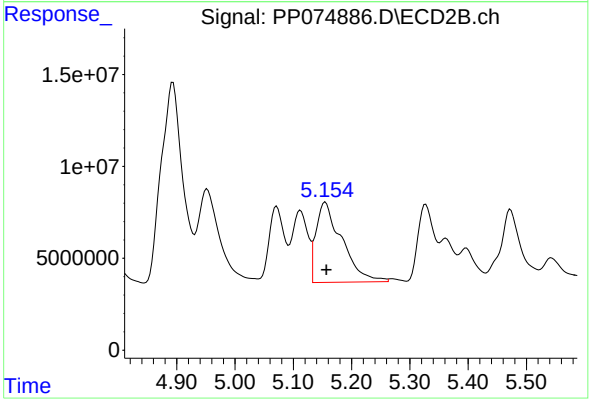

#13 AR-1232-3

R.T.: 5.072 min
Delta R.T.: -0.005 min
Response: 74454459
Conc: 1239.67 ng/ml



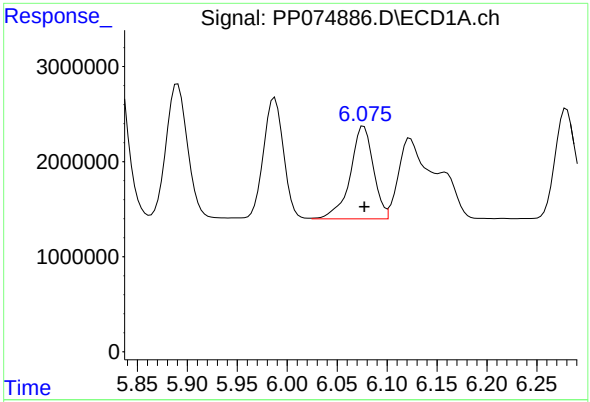

#14 AR-1232-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 17894407
Conc: 1036.20 ng/ml




#14 AR-1232-4

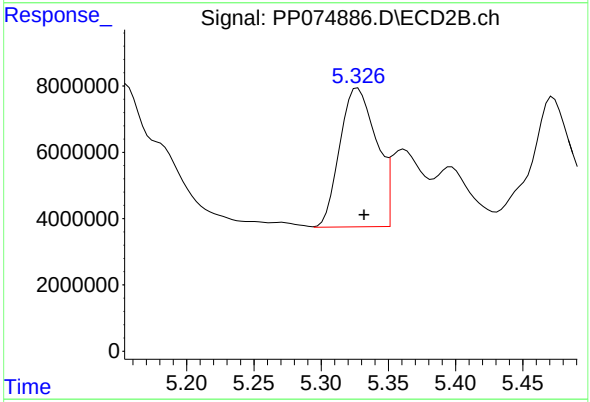
R.T.: 5.155 min
Delta R.T.: -0.002 min
Response: 134999079
Conc: 1831.55 ng/ml




#15 AR-1232-5

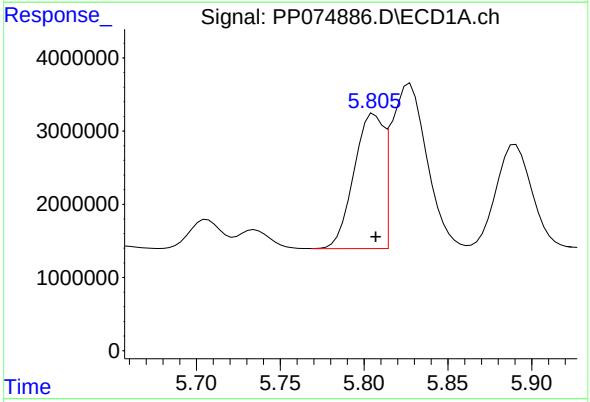
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 15749505
Conc: 1213.28 ng/m

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



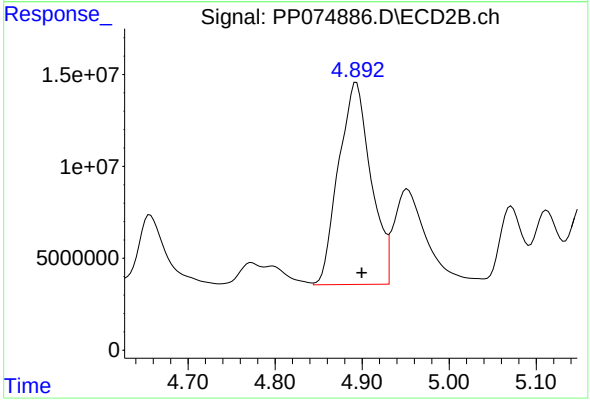

#15 AR-1232-5

R.T.: 5.327 min
Delta R.T.: -0.005 min
Response: 79023130
Conc: 1272.85 ng/ml



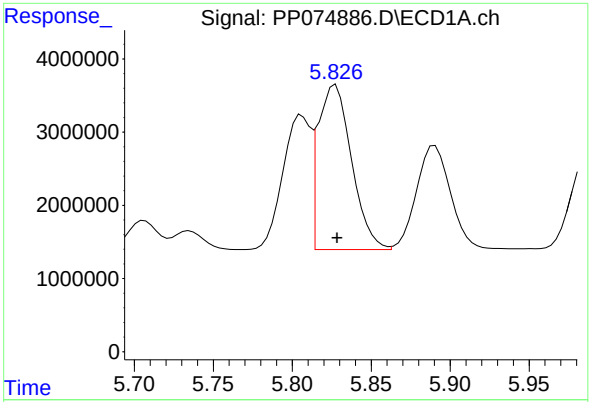

#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 22460820
Conc: 586.82 ng/ml




#16 AR-1242-1

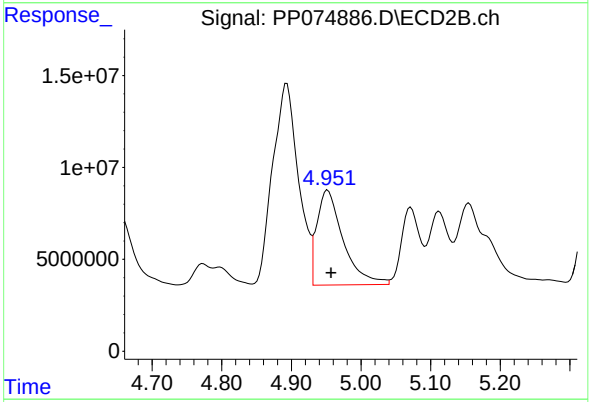
R.T.: 4.893 min
Delta R.T.: -0.006 min
Response: 283081035
Conc: 671.20 ng/ml




#17 AR-1242-2

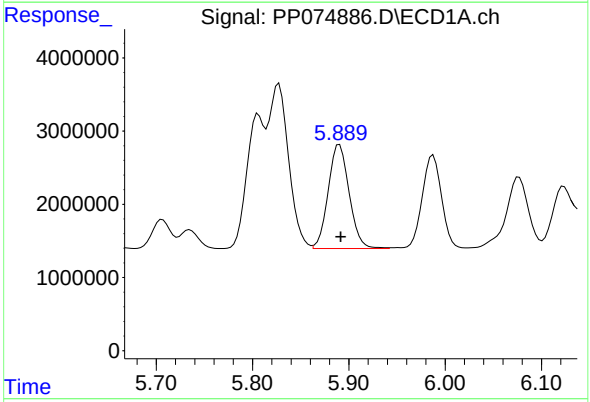
R.T.: 5.827 min
Delta R.T.: -0.001 min
Response: 33313652
Conc: 589.81 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



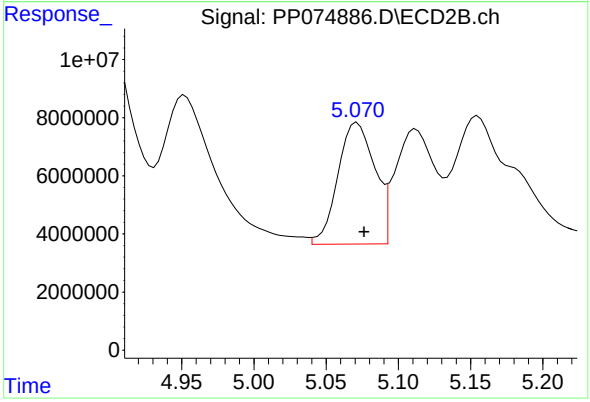

#17 AR-1242-2

R.T.: 4.952 min
Delta R.T.: -0.005 min
Response: 135273524
Conc: 675.41 ng/ml



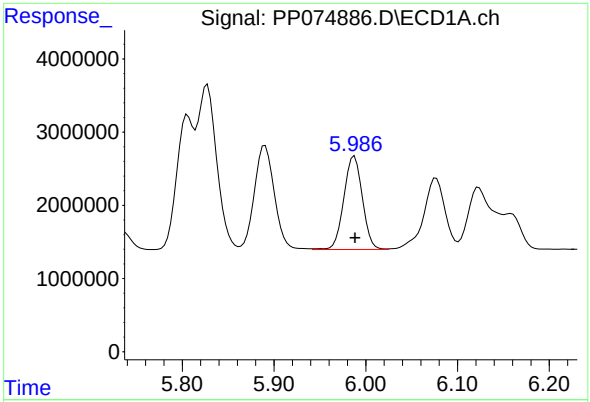

#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.001 min
Response: 21487838
Conc: 529.22 ng/ml




#18 AR-1242-3

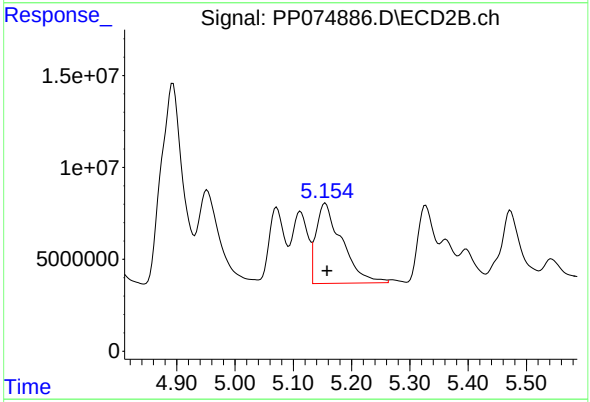
R.T.: 5.072 min
Delta R.T.: -0.005 min
Response: 74454459
Conc: 629.38 ng/ml




#19 AR-1242-4

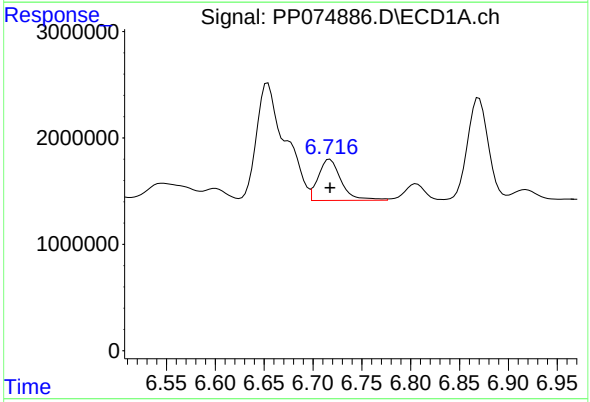
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 17894407
Conc: 563.75 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



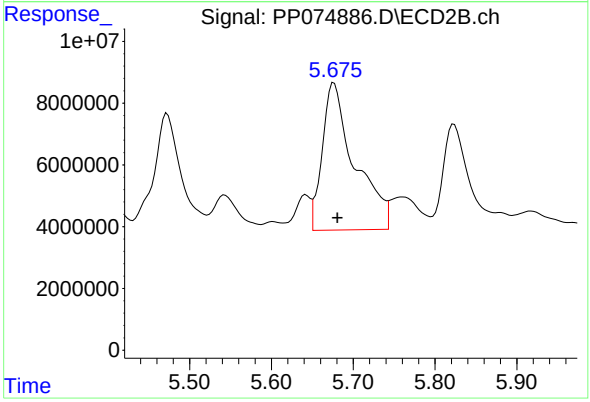

#19 AR-1242-4

R.T.: 5.155 min
Delta R.T.: -0.003 min
Response: 134999079
Conc: 788.73 ng/ml



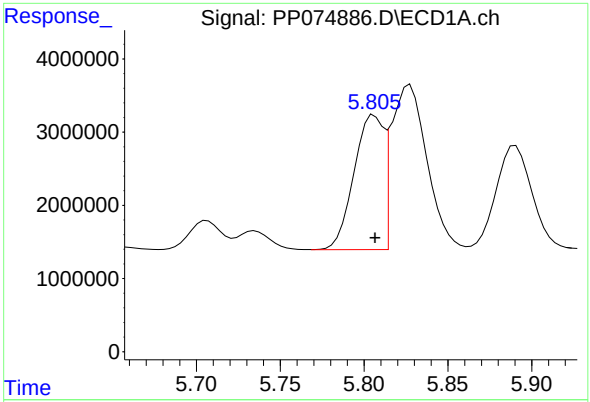

#20 AR-1242-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 6297832
Conc: 174.60 ng/ml




#20 AR-1242-5

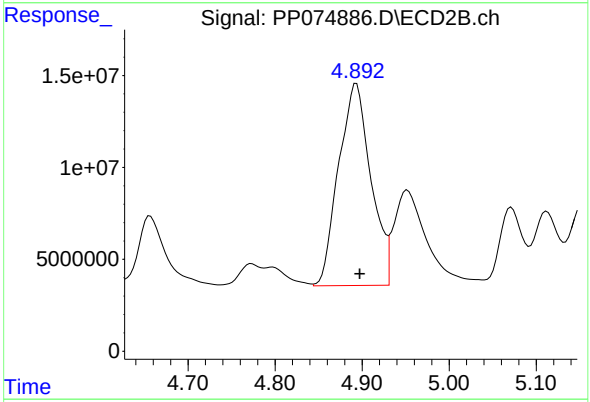
R.T.: 5.677 min
Delta R.T.: -0.004 min
Response: 131068685
Conc: 707.85 ng/ml




#21 AR-1248-1

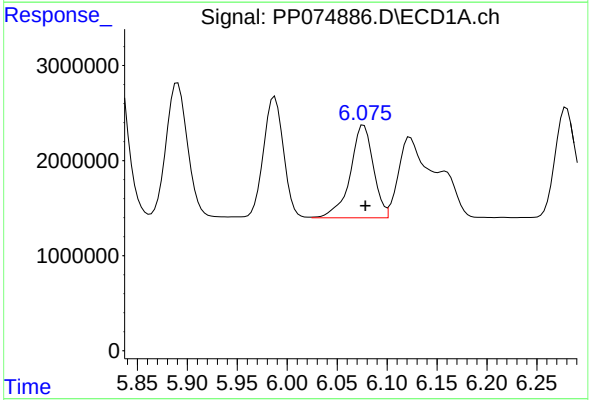
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 22460820
Conc: 743.14 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



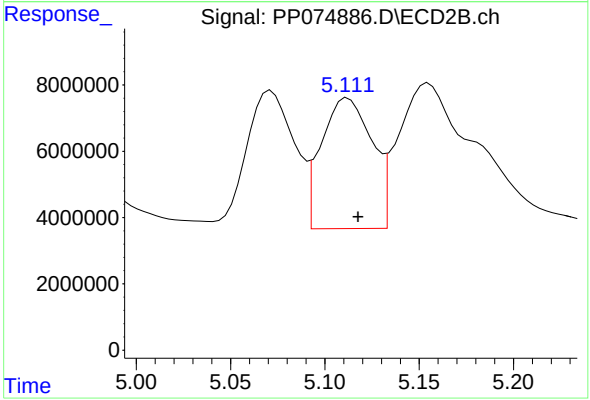

#21 AR-1248-1

R.T.: 4.893 min
Delta R.T.: -0.004 min
Response: 283081035
Conc: 1025.13 ng/ml



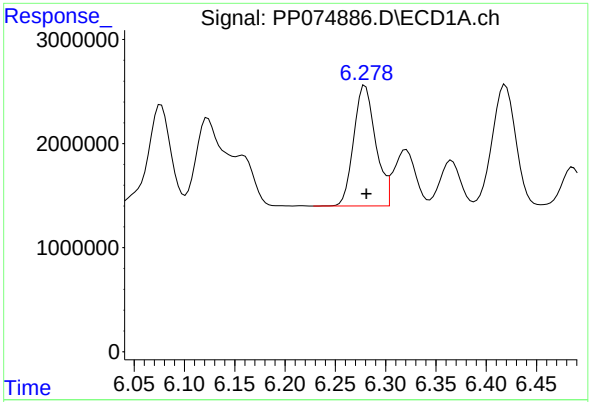

#22 AR-1248-2

R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 15749505
Conc: 365.45 ng/ml




#22 AR-1248-2

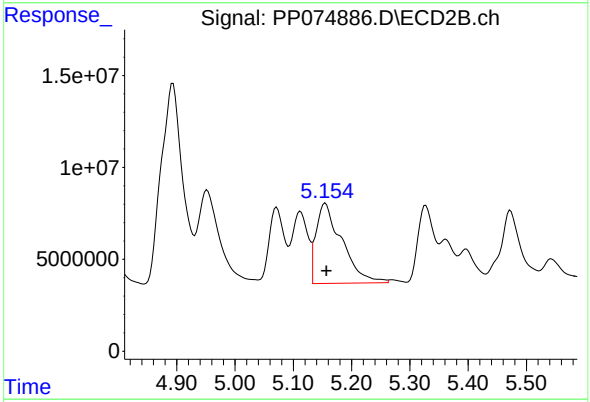
R.T.: 5.112 min
Delta R.T.: -0.005 min
Response: 73849165
Conc: 417.80 ng/ml




#23 AR-1248-3

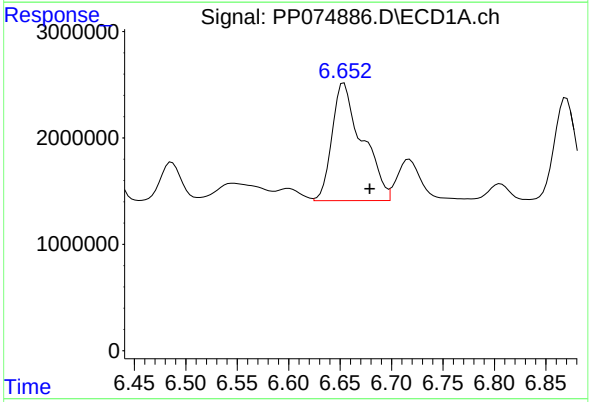
R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 17540594
Conc: 375.57 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



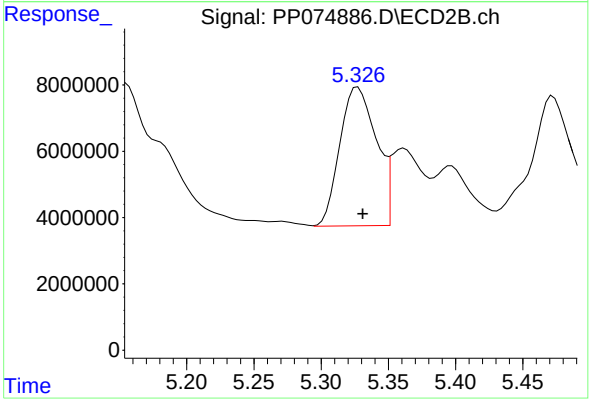

#23 AR-1248-3

R.T.: 5.155 min
Delta R.T.: -0.002 min
Response: 134999079
Conc: 594.18 ng/ml



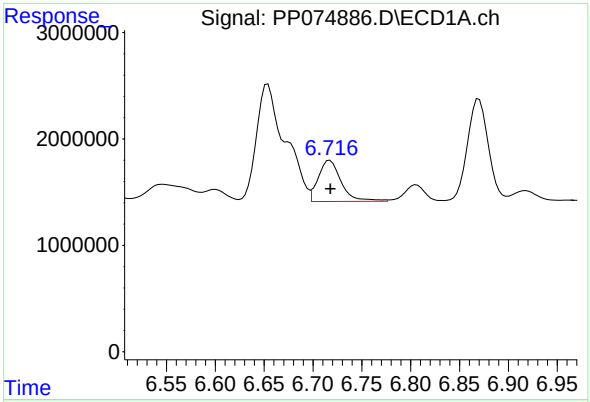

#24 AR-1248-4

R.T.: 6.654 min
Delta R.T.: -0.025 min
Response: 22572990
Conc: 410.41 ng/ml




#24 AR-1248-4

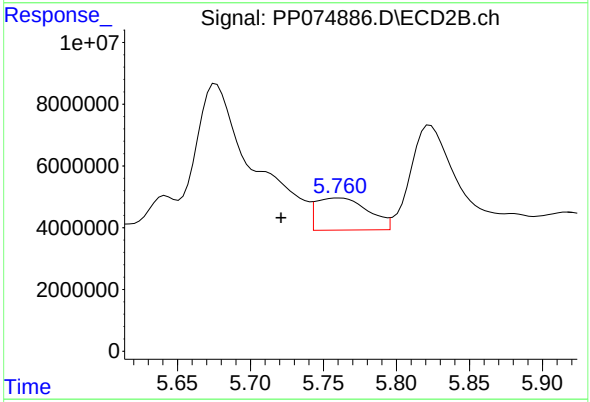
R.T.: 5.327 min
Delta R.T.: -0.004 min
Response: 79023130
Conc: 362.46 ng/ml




#25 AR-1248-5

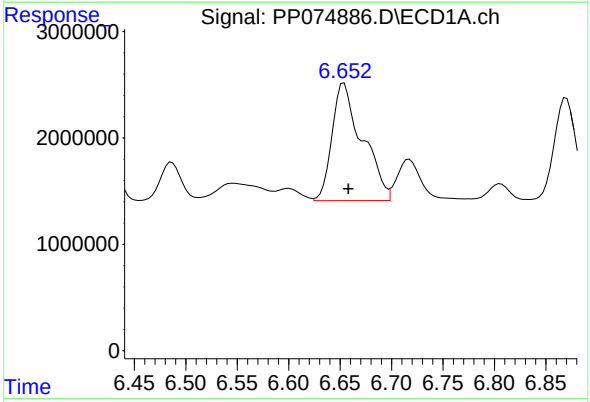
R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 6297832
Conc: 113.53 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



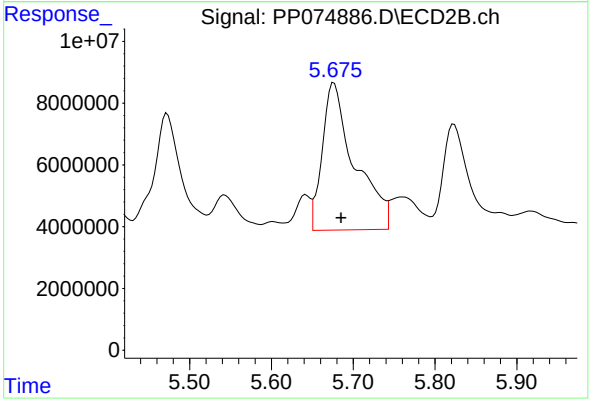

#25 AR-1248-5

R.T.: 5.761 min
Delta R.T.: 0.040 min
Response: 25684981
Conc: 69.92 ng/ml



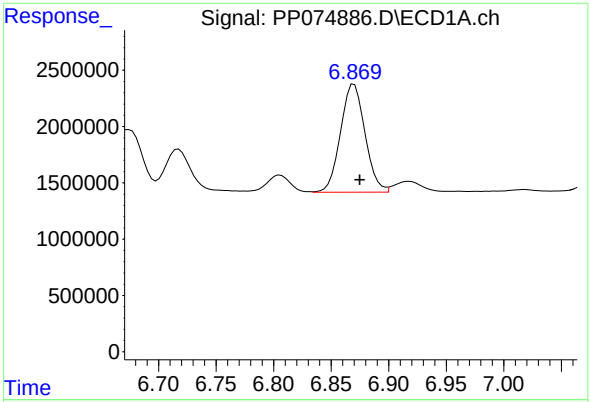

#26 AR-1254-1

R.T.: 6.654 min
Delta R.T.: -0.004 min
Response: 22572990
Conc: 387.39 ng/ml




#26 AR-1254-1

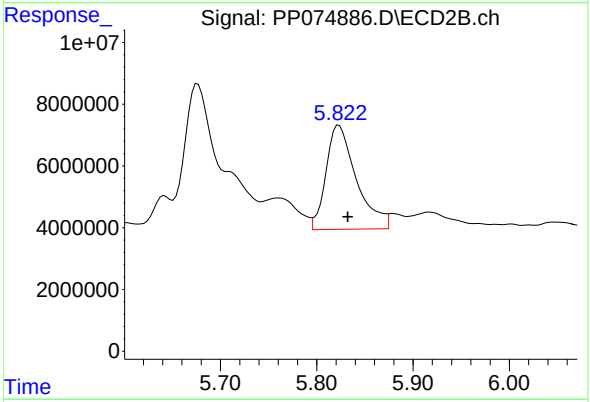
R.T.: 5.677 min
Delta R.T.: -0.009 min
Response: 131068685
Conc: 274.94 ng/ml




#27 AR-1254-2

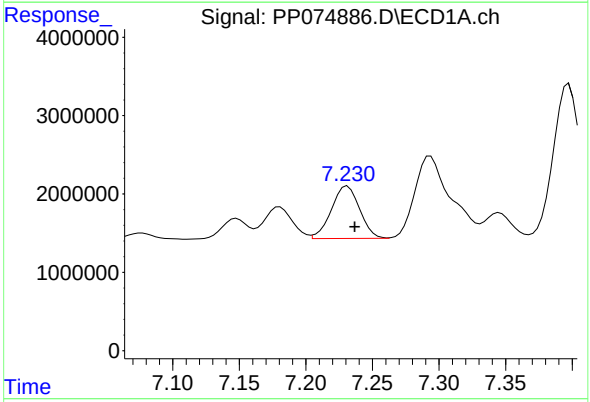
R.T.: 6.870 min
Delta R.T.: -0.005 min
Response: 14280218
Conc: 174.97 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



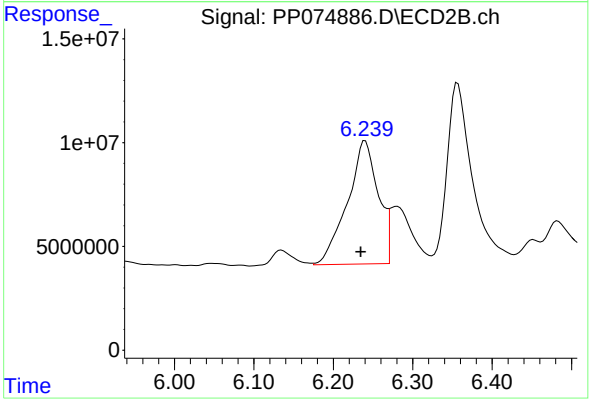

#27 AR-1254-2

R.T.: 5.823 min
Delta R.T.: -0.009 min
Response: 73957939
Conc: 210.03 ng/ml



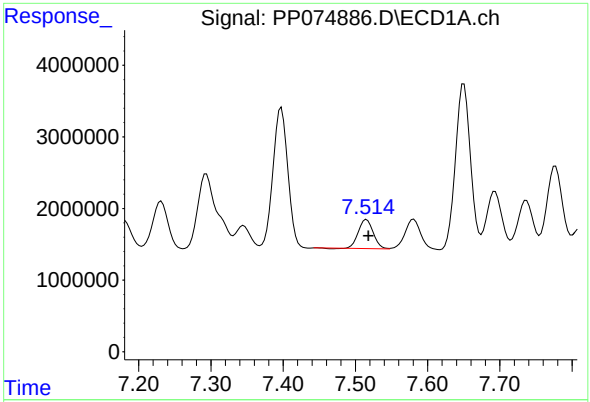

#28 AR-1254-3

R.T.: 7.231 min
Delta R.T.: -0.006 min
Response: 9901226
Conc: 110.99 ng/ml




#28 AR-1254-3

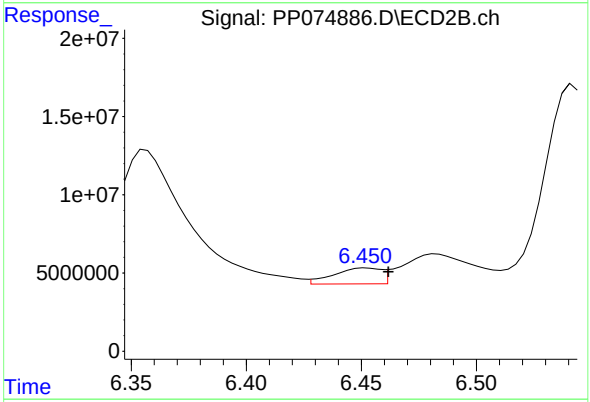
R.T.: 6.240 min
Delta R.T.: 0.006 min
Response: 159643867
Conc: 257.57 ng/ml




#29 AR-1254-4

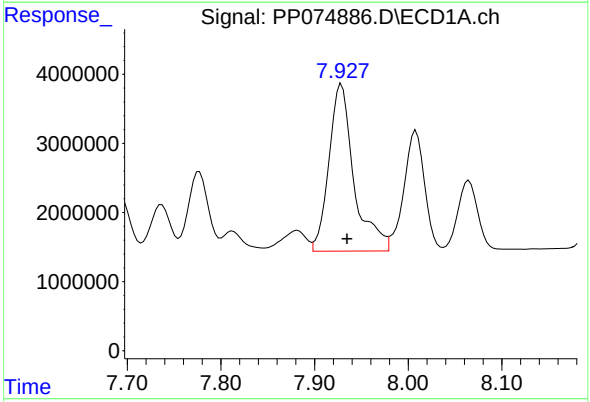
R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 5791142
Conc: 87.86 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



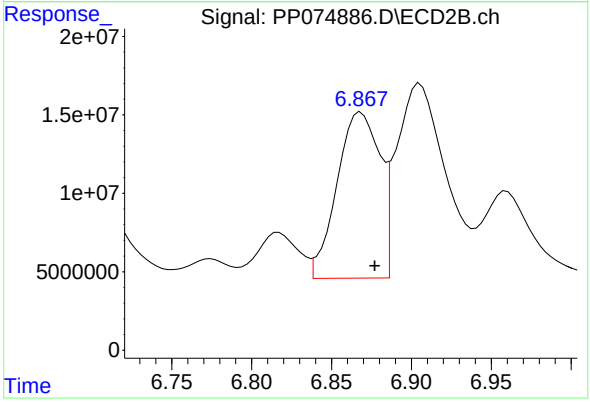

#29 AR-1254-4

R.T.: 6.452 min
Delta R.T.: -0.010 min
Response: 14661142
Conc: 31.29 ng/ml



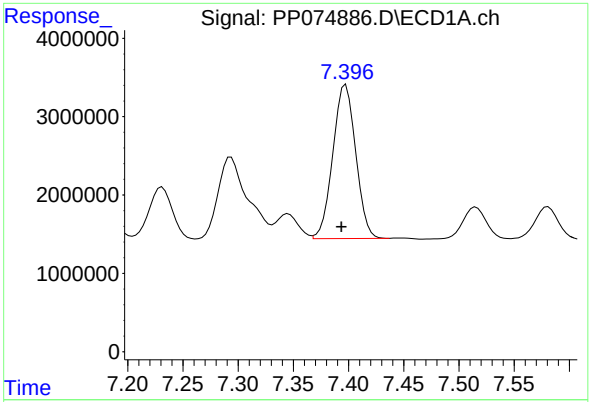

#30 AR-1254-5

R.T.: 7.929 min
Delta R.T.: -0.006 min
Response: 45041502
Conc: 542.11 ng/ml




#30 AR-1254-5

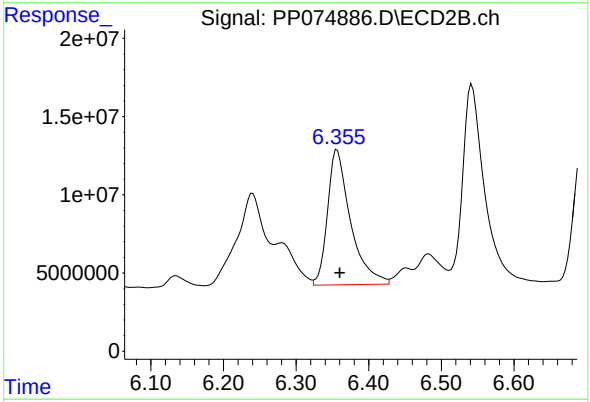
R.T.: 6.868 min
Delta R.T.: -0.009 min
Response: 196999757
Conc: 401.63 ng/ml




#31 AR-1260-1

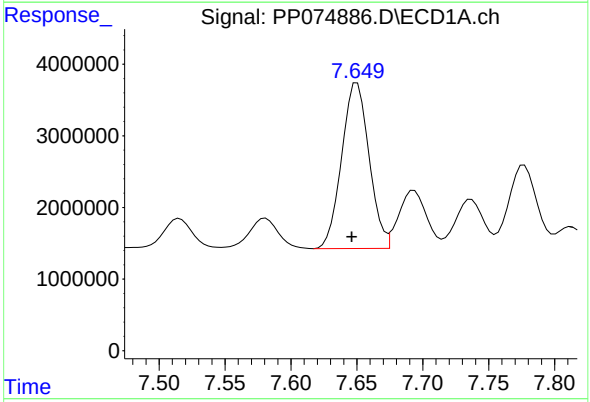
R.T.: 7.397 min
Delta R.T.: 0.004 min
Response: 28353542
Conc: 490.46 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



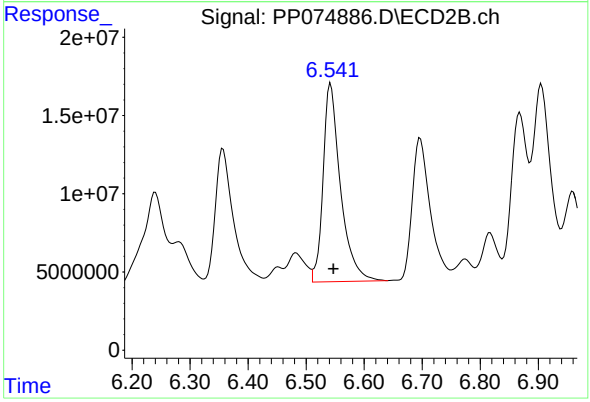

#31 AR-1260-1

R.T.: 6.357 min
Delta R.T.: -0.003 min
Response: 190823423
Conc: 508.56 ng/ml



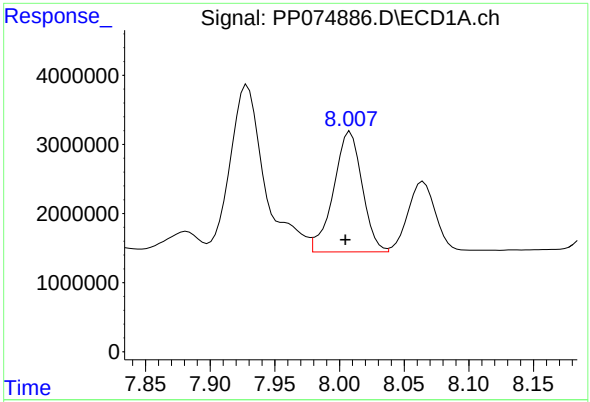

#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: 0.004 min
Response: 33466693
Conc: 485.61 ng/ml




#32 AR-1260-2

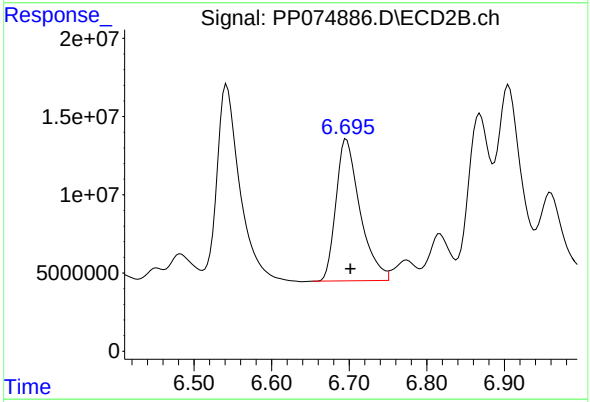
R.T.: 6.542 min
Delta R.T.: -0.005 min
Response: 264238241
Conc: 499.68 ng/ml




#33 AR-1260-3

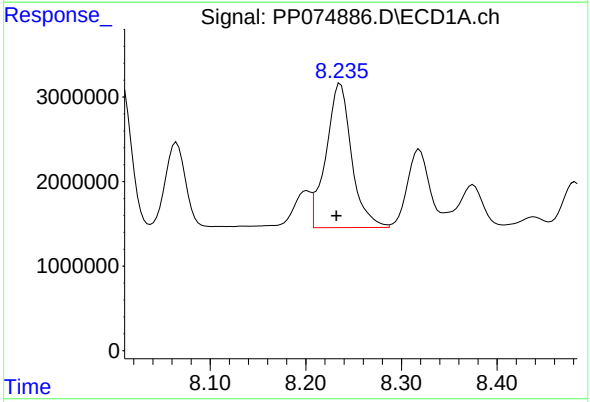
R.T.: 8.008 min
Delta R.T.: 0.004 min
Response: 26820361
Conc: 516.92 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



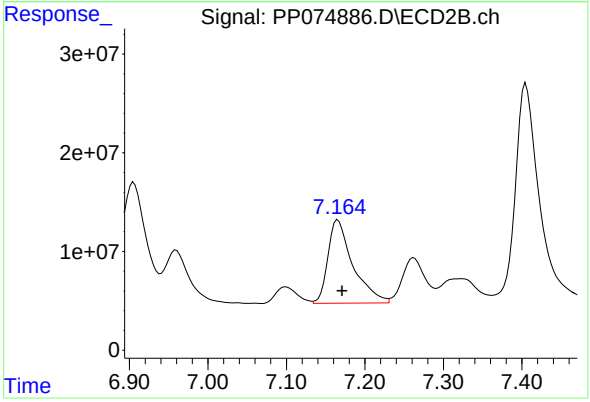

#33 AR-1260-3

R.T.: 6.696 min
Delta R.T.: -0.005 min
Response: 195061445
Conc: 450.49 ng/ml



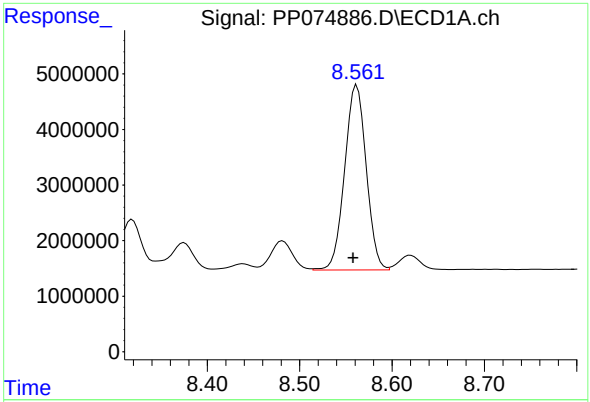

#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: 0.004 min
Response: 31685900
Conc: 496.70 ng/ml




#34 AR-1260-4

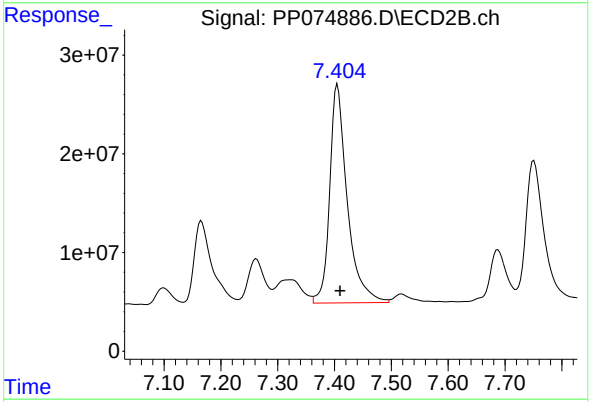
R.T.: 7.166 min
Delta R.T.: -0.005 min
Response: 186851602
Conc: 489.81 ng/ml




#35 AR-1260-5

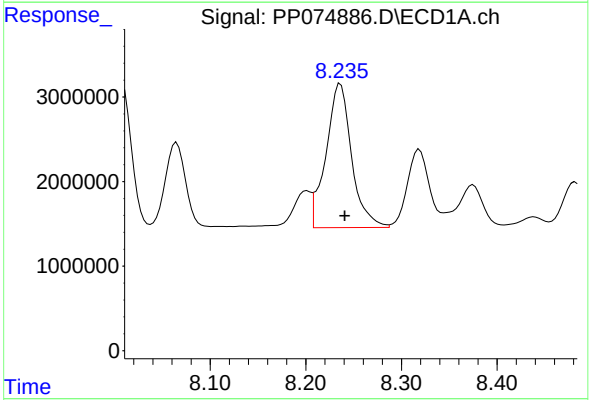
R.T.: 8.562 min
Delta R.T.: 0.004 min
Response: 54055544
Conc: 476.63 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



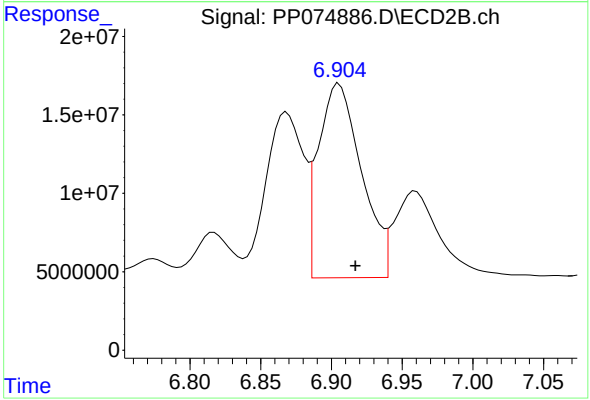

#35 AR-1260-5

R.T.: 7.405 min
Delta R.T.: -0.005 min
Response: 475896452
Conc: 473.77 ng/ml



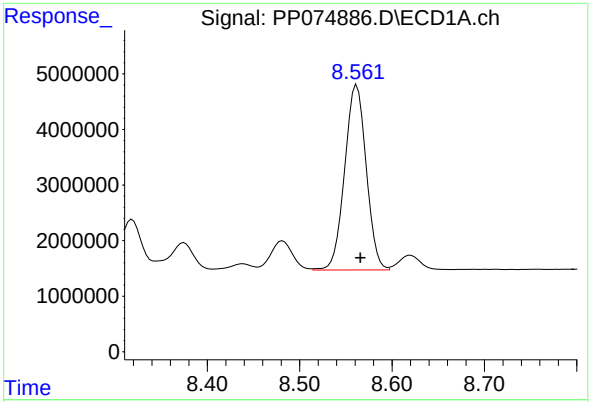

#36 AR-1262-1

R.T.: 8.236 min
Delta R.T.: -0.004 min
Response: 31685900
Conc: 411.42 ng/ml




#36 AR-1262-1

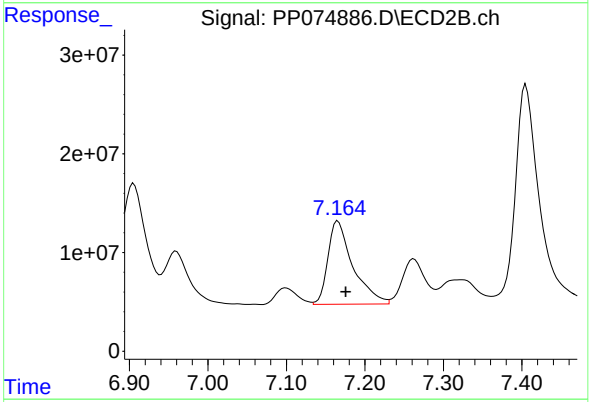
R.T.: 6.905 min
Delta R.T.: -0.012 min
Response: 262903602
Conc: 371.72 ng/ml




#37 AR-1262-2

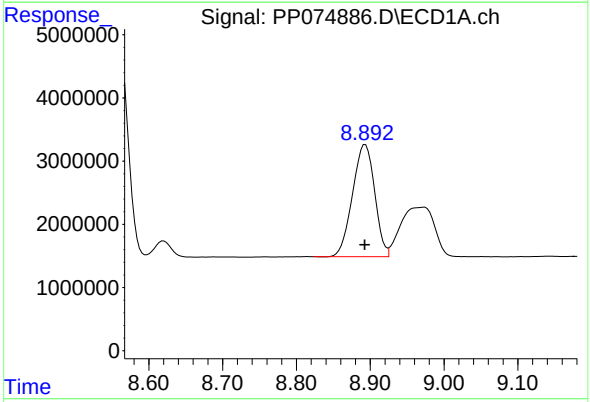
R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 54055544
Conc: 408.33 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



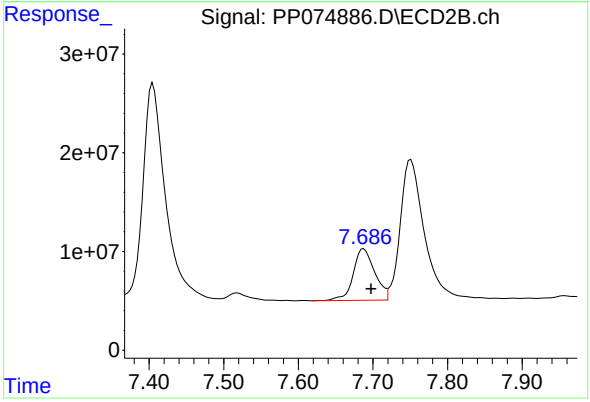

#37 AR-1262-2

R.T.: 7.166 min
Delta R.T.: -0.010 min
Response: 186851602
Conc: 358.84 ng/ml



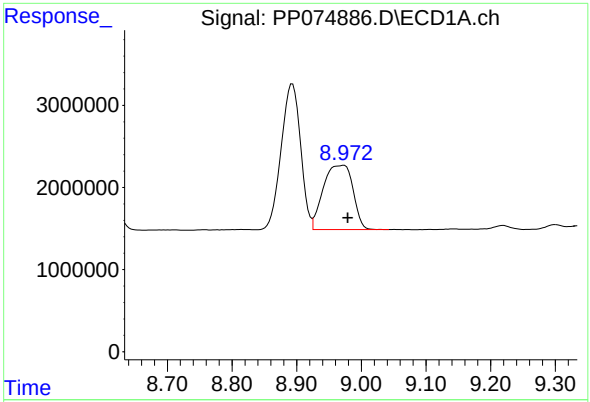

#38 AR-1262-3

R.T.: 8.893 min
Delta R.T.: 0.001 min
Response: 37013911
Conc: 380.75 ng/ml




#38 AR-1262-3

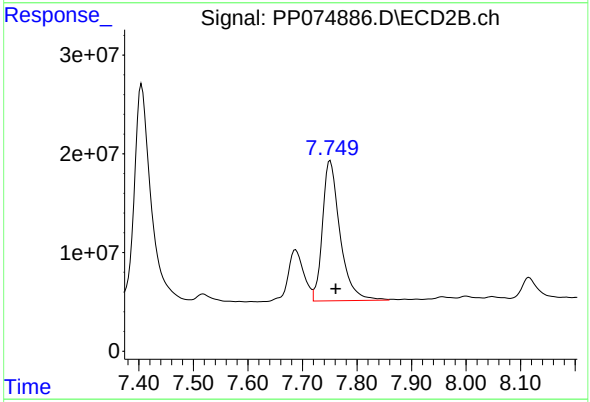
R.T.: 7.688 min
Delta R.T.: -0.010 min
Response: 104454542
Conc: 224.01 ng/ml




#39 AR-1262-4

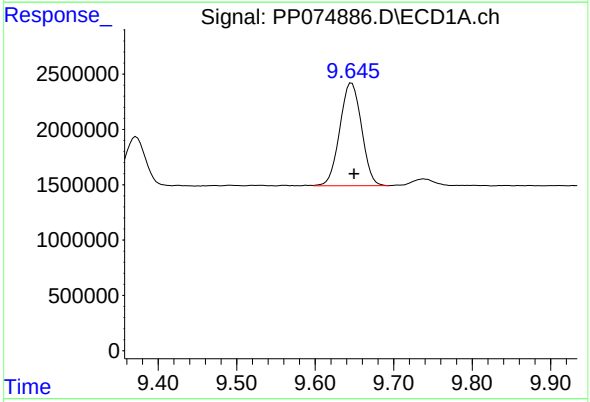
R.T.: 8.973 min
Delta R.T.: -0.006 min
Response: 24940988
Conc: 331.09 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



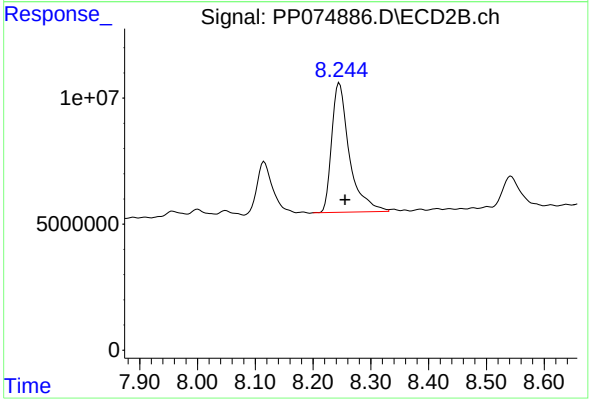

#39 AR-1262-4

R.T.: 7.751 min
Delta R.T.: -0.010 min
Response: 317615376
Conc: 386.46 ng/ml



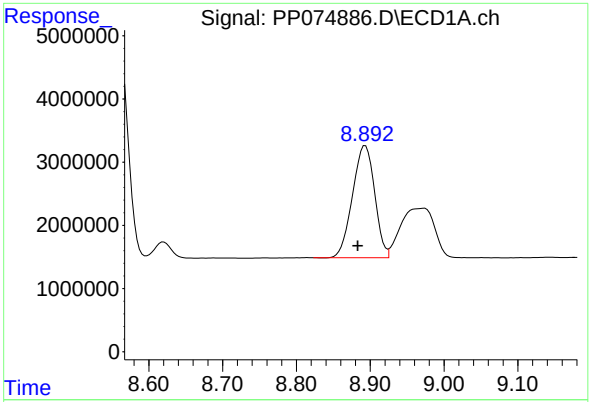

#40 AR-1262-5

R.T.: 9.646 min
Delta R.T.: -0.003 min
Response: 17879396
Conc: 293.32 ng/ml




#40 AR-1262-5

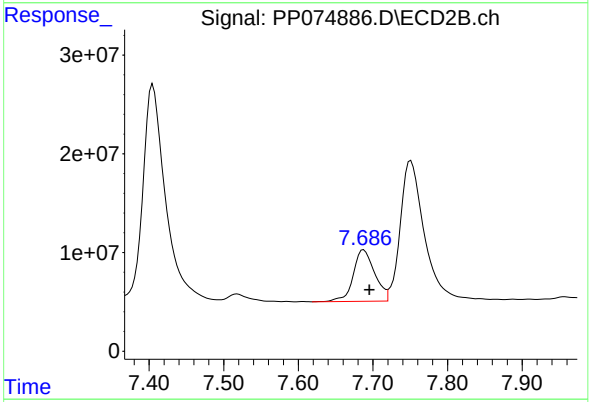
R.T.: 8.246 min
Delta R.T.: -0.010 min
Response: 109343185
Conc: 305.16 ng/ml




#41 AR-1268-1

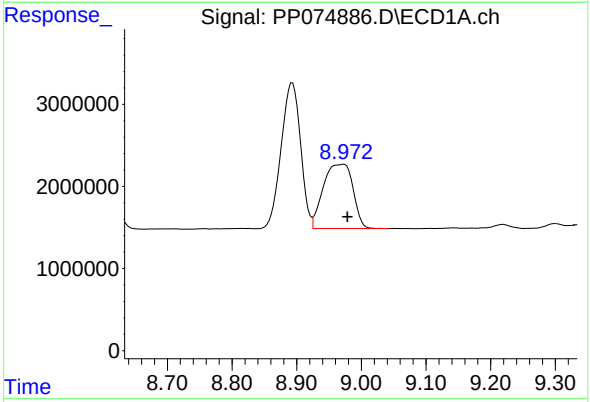
R.T.: 8.893 min
Delta R.T.: 0.011 min
Response: 37013911
Conc: 228.43 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



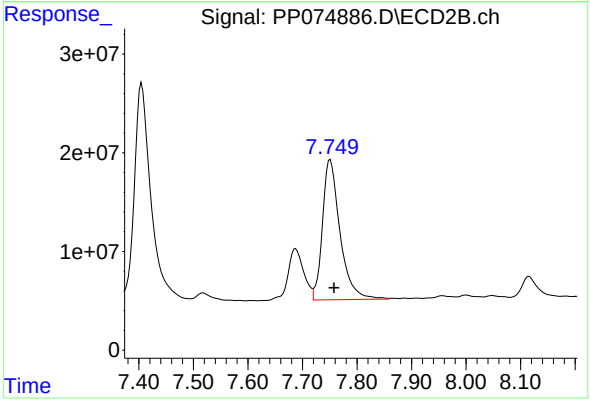

#41 AR-1268-1

R.T.: 7.688 min
Delta R.T.: -0.008 min
Response: 104454542
Conc: 74.06 ng/ml



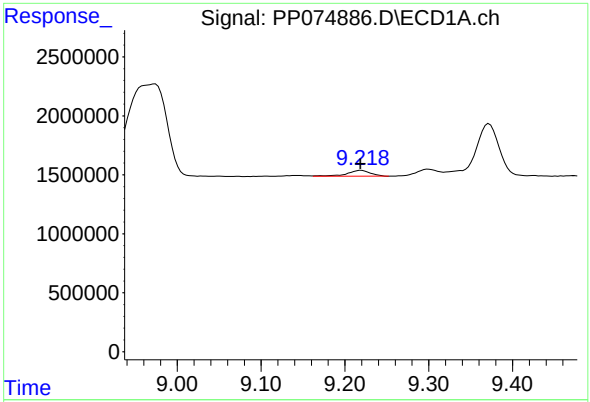

#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: -0.005 min
Response: 24940988
Conc: 169.97 ng/ml




#42 AR-1268-2

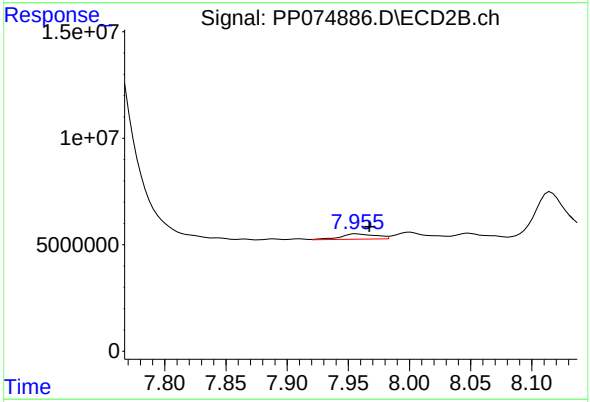
R.T.: 7.751 min
Delta R.T.: -0.007 min
Response: 317615376
Conc: 232.95 ng/ml




#43 AR-1268-3

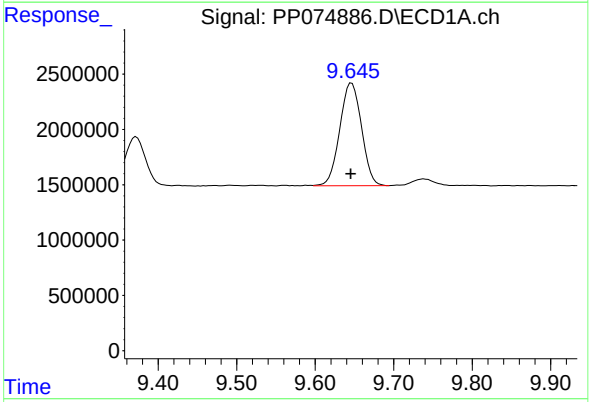
R.T.: 9.220 min
Delta R.T.: 0.000 min
Response: 959909
Conc: 7.77 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



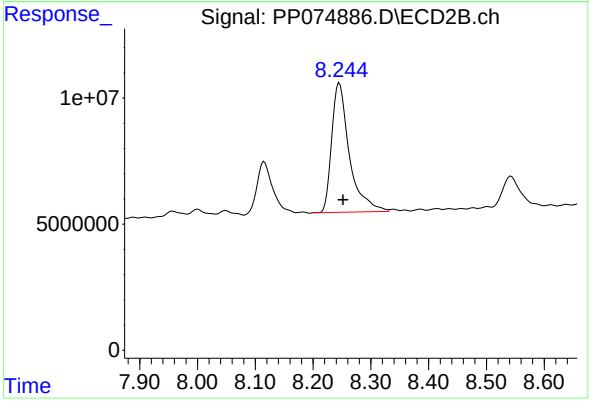

#43 AR-1268-3

R.T.: 7.957 min
Delta R.T.: -0.010 min
Response: 5137681
Conc: 4.92 ng/ml



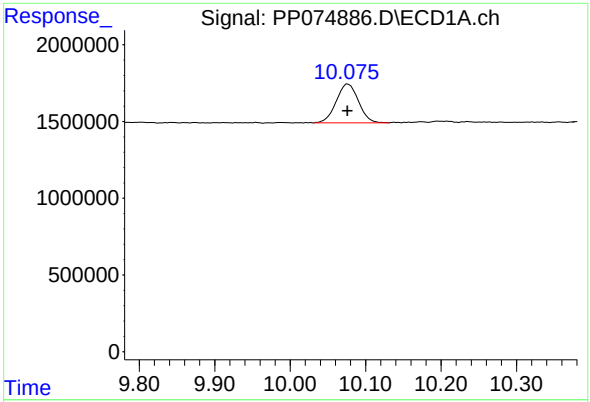

#44 AR-1268-4

R.T.: 9.646 min
Delta R.T.: 0.001 min
Response: 17879396
Conc: 265.81 ng/ml




#44 AR-1268-4

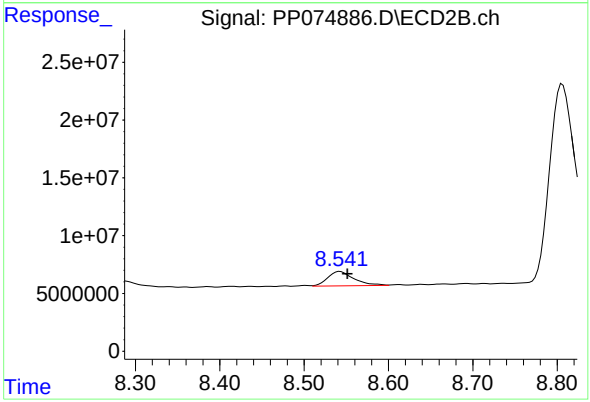
R.T.: 8.246 min
Delta R.T.: -0.006 min
Response: 109343185
Conc: 285.42 ng/ml




#45 AR-1268-5

R.T.: 10.076 min
Delta R.T.: 0.000 min
Response: 5177067
Conc: 13.99 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500




#45 AR-1268-5

R.T.: 8.543 min
Delta R.T.: -0.009 min
Response: 26786431
Conc: 8.54 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:30
Operator : YP\AJ
Sample : Q3017-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:35:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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** | | | | | | | |
| 2) | SA Decachlor... | 10.433 | 8.805 | 19090789 | 119.6E6 | 19.332 | 15.949 | |
| | **Target Compounds** | | | | | | | |
| 3) | L1 AR-1016-1 | 5.808 | 0.000 | 825687 | 0 | 18.728 | N.D. | # |
| 4) | L1 AR-1016-2 | 5.808 | 0.000 | 825687 | 0 | 13.139 | N.D. | # |
| 5) | L1 AR-1016-3 | 5.881 | 0.000 | 328112 | 0 | 7.305 | N.D. | # |
| 6) | L1 AR-1016-4 | 5.957 | 5.150 | 271617 | 1881139 | 7.720 | 13.456 | # |
| 7) | L1 AR-1016-5 | 6.287 | 5.324 | 223995 | 467178 | 6.750 | 2.813 | # |
| 8) | L2 AR-1221-1 | 4.855 | 0.000 | 516638 | 0 | 29.366 | N.D. | # |
| 9) | L2 AR-1221-2 | 4.958 | 0.000 | 371733 | 0 | 27.830 | N.D. | # |
| 10) | L2 AR-1221-3 | 4.958f | 0.000 | 371733 | 0 | 9.805 | N.D. | # |
| 11) | L3 AR-1232-1 | 4.958f | 0.000 | 371733 | 0 | 12.239 | N.D. | # |
| 12) | L3 AR-1232-2 | 5.567 | 0.000 | 460485 | 0 | 29.222 | N.D. | # |
| 13) | L3 AR-1232-3 | 5.808 | 0.000 | 825687 | 0 | 27.033 | N.D. | # |
| 14) | L3 AR-1232-4 | 5.957 | 5.150 | 271617 | 1881139 | 15.728 | 25.522 | # |
| 15) | L3 AR-1232-5 | 6.081 | 5.324 | 424318 | 467178 | 32.688 | 7.525 | # |
| 16) | L4 AR-1242-1 | 5.808 | 0.000 | 825687 | 0 | 21.572 | N.D. | # |
| 17) | L4 AR-1242-2 | 5.808 | 0.000 | 825687 | 0 | 14.619 | N.D. | # |
| 18) | L4 AR-1242-3 | 5.901 | 0.000 | 238791 | 0 | 5.881 | N.D. | # |
| 19) | L4 AR-1242-4 | 5.957 | 5.150 | 271617 | 1881139 | 8.557 | 10.991 | # |
| 20) | L4 AR-1242-5 | 6.720 | 5.680 | 469167 | 330893 | 13.007 | 1.787 | # |
| 21) | L5 AR-1248-1 | 5.808 | 0.000 | 825687 | 0 | 27.319 | N.D. | # |
| 22) | L5 AR-1248-2 | 6.081 | 5.150 | 424318 | 1881139 | 9.846 | 10.643 | |
| 23) | L5 AR-1248-3 | 6.287 | 5.150 | 223995 | 1881139 | 4.796 | 8.280 | # |
| 24) | L5 AR-1248-4 | 6.652 | 5.324 | 869030 | 467178 | 15.800 | 2.143 | # |
| 25) | L5 AR-1248-5 | 6.720 | 5.702 | 469167 | 260087 | 8.458 | 0.708 | # |
| 26) | L6 AR-1254-1 | 6.652 | 5.680 | 869030 | 330893 | 14.914 | 0.694 | # |
| 27) | L6 AR-1254-2 | 6.872 | 5.854 | 201793 | 306727 | 2.472 | 0.871 | # |
| 28) | L6 AR-1254-3 | 7.226 | 6.241 | 791771 | 341070 | 8.876 | 0.550 | # |
| 29) | L6 AR-1254-4 | 7.512 | 6.465 | 79167 | 185114 | 1.201 | 0.395 | # |
| 30) | L6 AR-1254-5 | 7.931 | 6.871 | 344739 | 436407 | 4.149 | 0.890 | # |
| 31) | L7 AR-1260-1 | 7.396 | 6.367 | 63938 | 274295 | 1.106 | 0.731 | # |
| 32) | L7 AR-1260-2 | 7.651 | 6.544 | 278818 | 379368 | 4.046 | 0.717 | # |
| 33) | L7 AR-1260-3 | 8.005 | 6.709 | 249518 | 300142 | 4.809 | 0.693 | # |
| 34) | L7 AR-1260-4 | 8.215 | 7.168 | 272533 | 267835 | 4.272 | 0.702 | # |
| 35) | L7 AR-1260-5 | 8.560 | 7.407 | 203702 | 502166 | 1.796 | 0.500 | # |
| 36) | L8 AR-1262-1 | 8.215 | 6.912 | 272533 | 317371 | 3.539 | 0.449 | # |
| 37) | L8 AR-1262-2 | 8.560 | 7.168 | 203702 | 267835 | 1.539 | 0.514 | # |
| 38) | L8 AR-1262-3 | 8.902 | 7.690 | 147862 | 781481 | 1.521 | 1.676 | |
| 39) | L8 AR-1262-4 | 8.981 | 7.759 | 111886 | 752055 | 1.485 | 0.915 | # |
| 40) | L8 AR-1262-5 | 9.602f | 8.259 | 79521 | 411818 | 1.305 | 1.149 | |
| 41) | L9 AR-1268-1 | 8.902 | 7.690 | 147862 | 781481 | 0.913 | 0.554 | # |
| 42) | L9 AR-1268-2 | 8.981 | 7.759 | 111886 | 752055 | 0.762 | 0.552 | # |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:30
Operator : YP\AJ
Sample : Q3017-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:35:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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 |
|---|---|---|---|---|---|---|---|
| 43) L9 | AR-1268-3 | 0.000 | 7.974 | 0 | 659706 | N.D. | 0.632 # |
| 44) L9 | AR-1268-4 | 9.602f | 8.259 | 79521 | 411818 | 1.182 | 1.075 |
| 45) L9 | AR-1268-5 | 10.074 | 8.561 | 201297 | 448767 | 0.544 | 0.143 # |

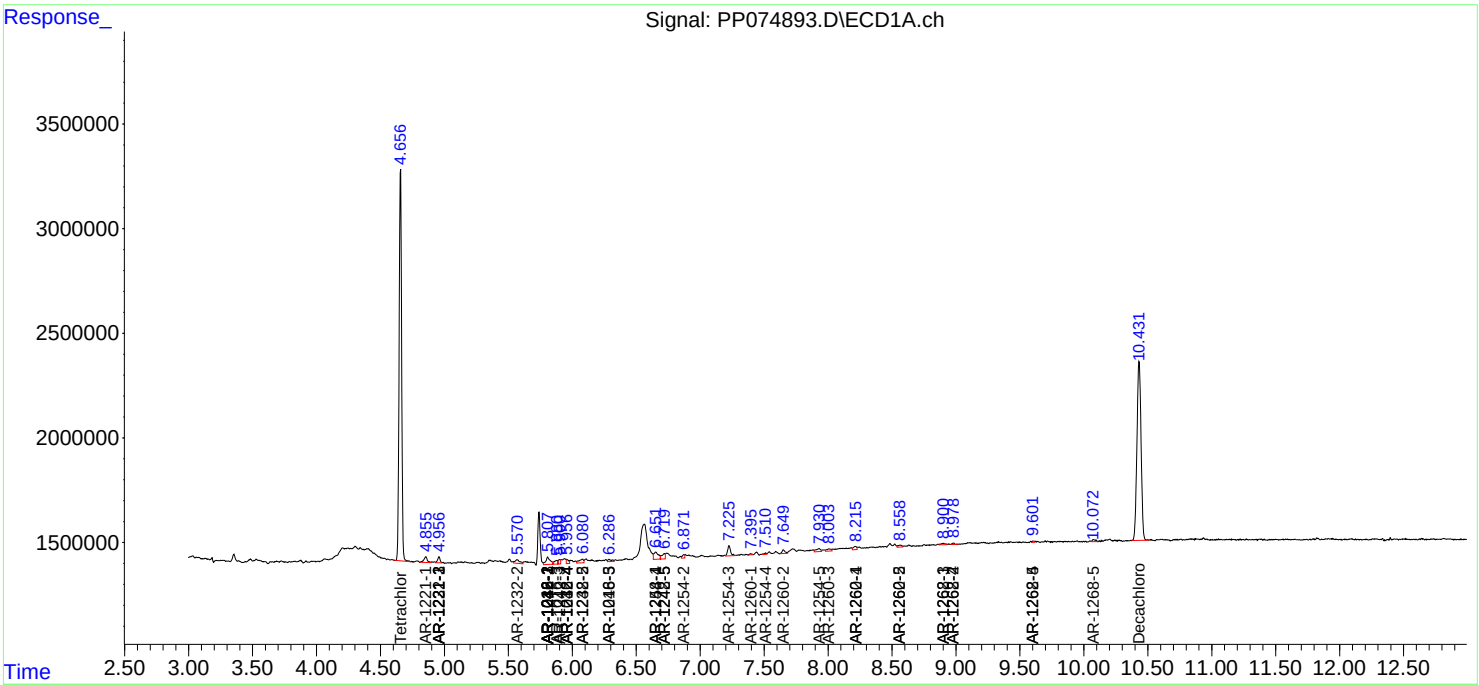
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

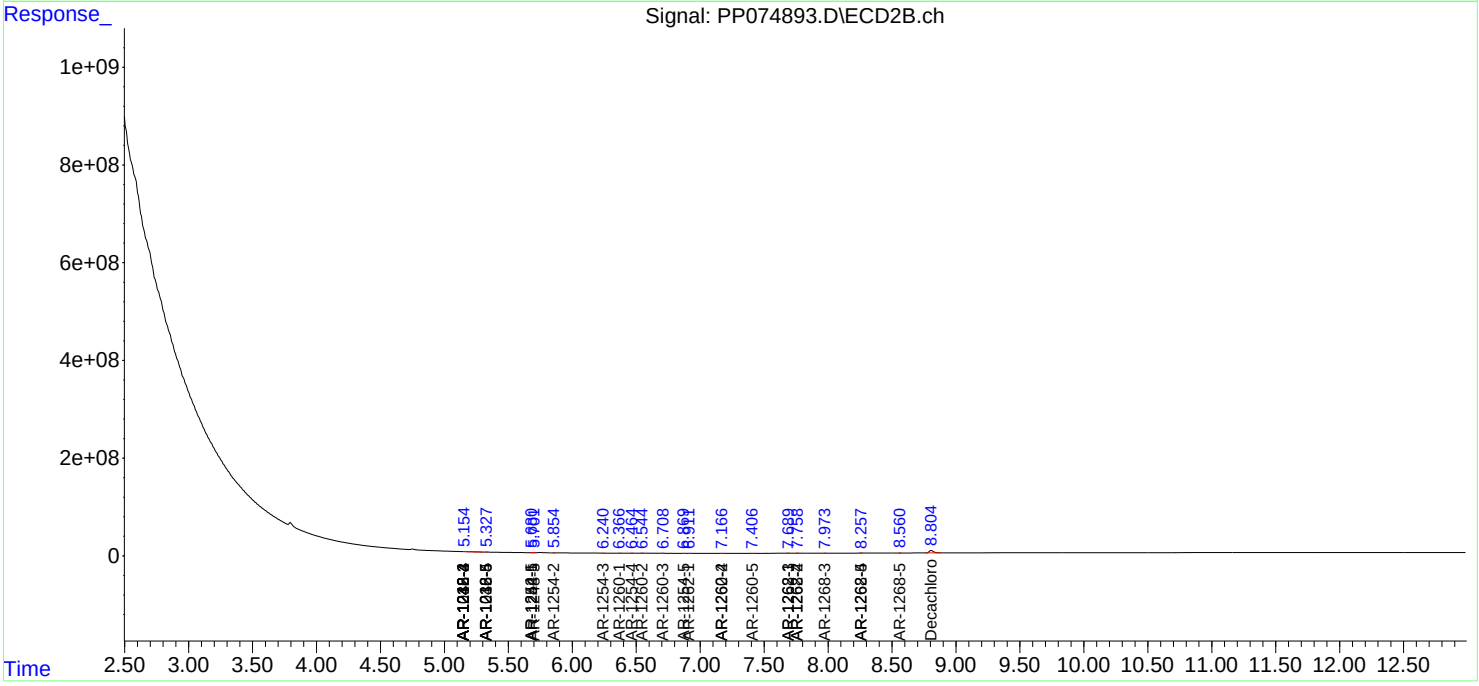
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:30
Operator : YP\AJ
Sample : Q3017-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

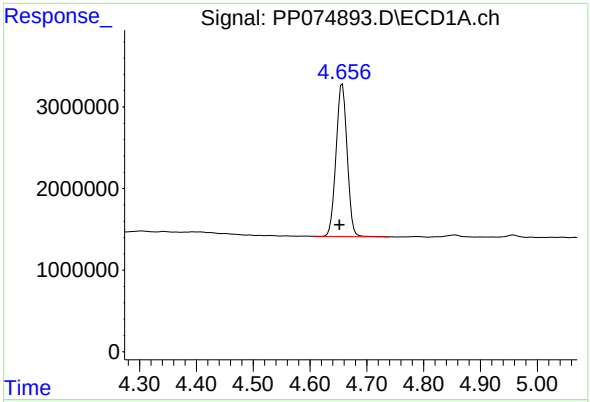
**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:35:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



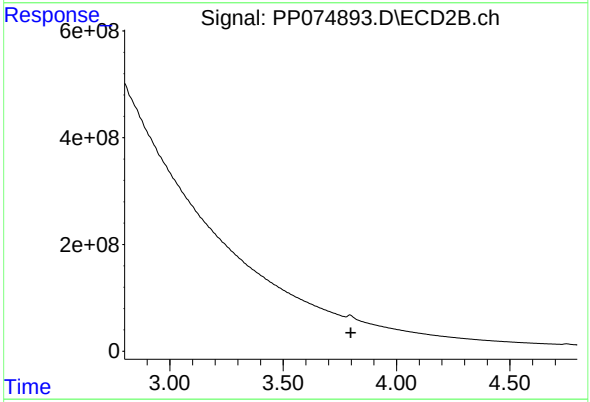






#1 Tetrachloro-m-xylene

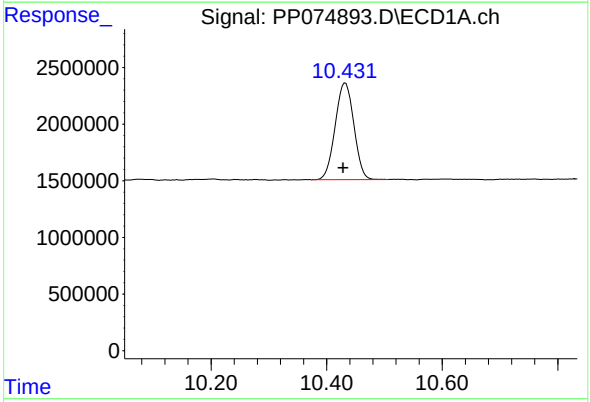
R.T.: 4.657 min
Delta R.T.: 0.005 min
Response: 25428079
Conc: 20.78 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



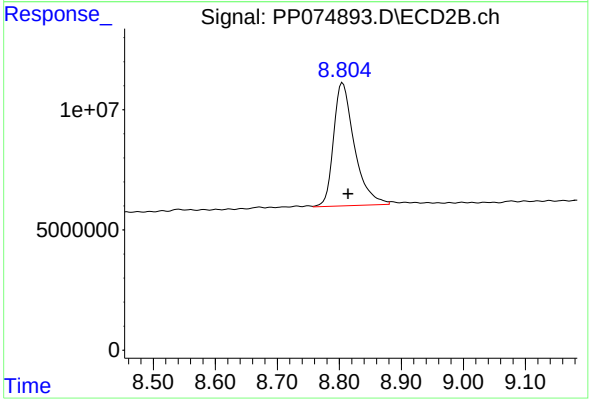

#1 Tetrachloro-m-xylene

R.T.: 3.794 min
Delta R.T.: -0.004 min
Response: -907616172
Conc: N.D.



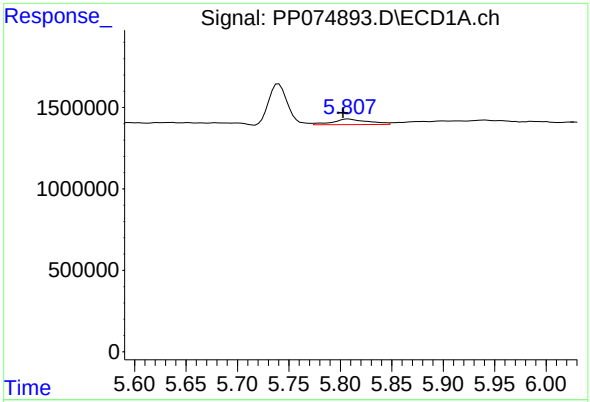

#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.004 min
Response: 19090789
Conc: 19.33 ng/ml




#2 Decachlorobiphenyl

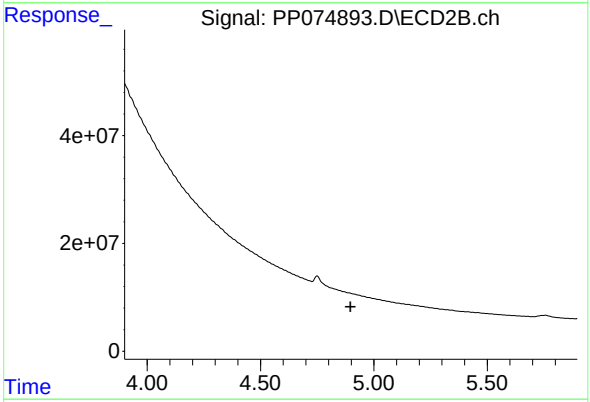
R.T.: 8.805 min
Delta R.T.: -0.008 min
Response: 119607939
Conc: 15.95 ng/ml




#3 AR-1016-1

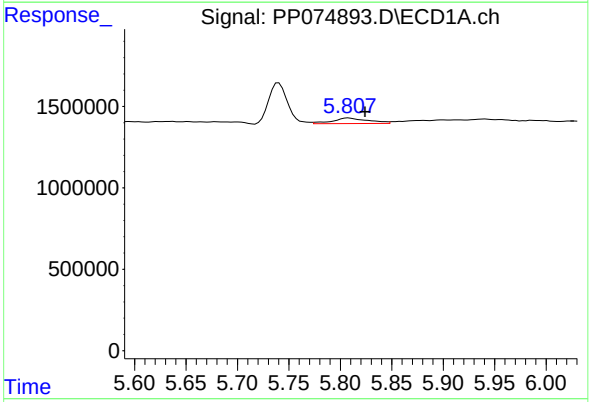
R.T.: 5.808 min
Delta R.T.: 0.005 min
Response: 825687
Conc: 18.73 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



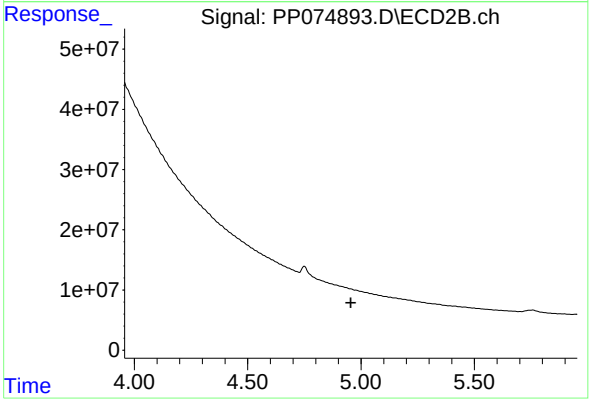

#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



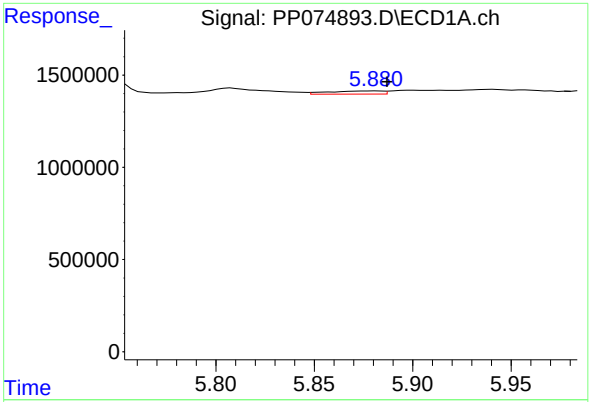

#4 AR-1016-2

R.T.: 5.808 min
Delta R.T.: -0.016 min
Response: 825687
Conc: 13.14 ng/ml




#4 AR-1016-2

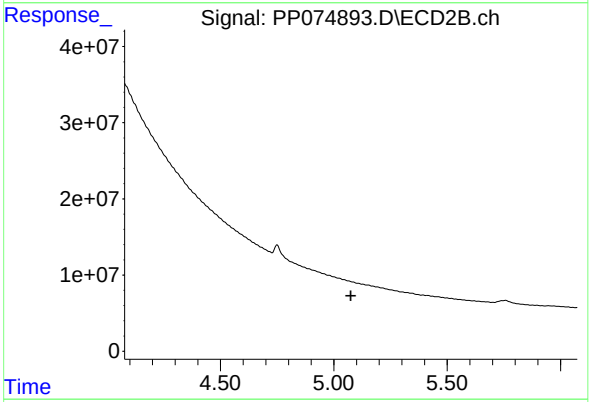
R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.




#5 AR-1016-3

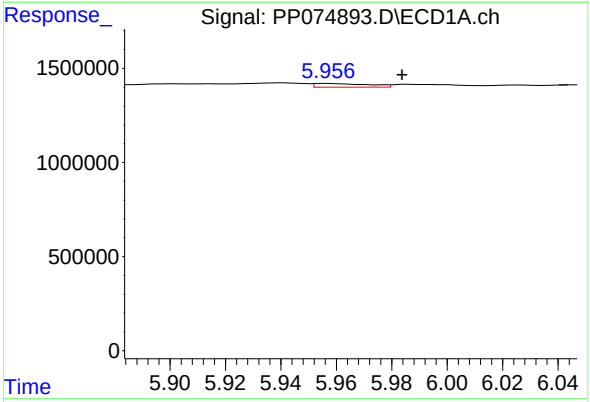
R.T.: 5.881 min
Delta R.T.: -0.006 min
Response: 328112
Conc: 7.31 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



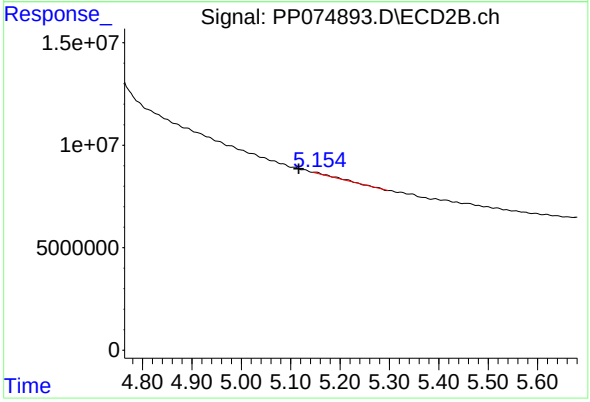

#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.075 min
Response: 0
Conc: N.D.



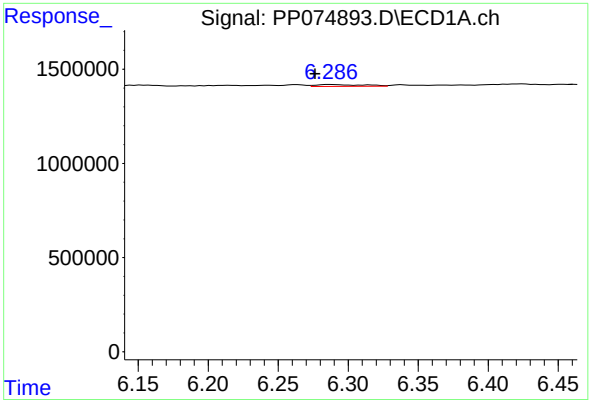

#6 AR-1016-4

R.T.: 5.957 min
Delta R.T.: -0.026 min
Response: 271617
Conc: 7.72 ng/ml




#6 AR-1016-4

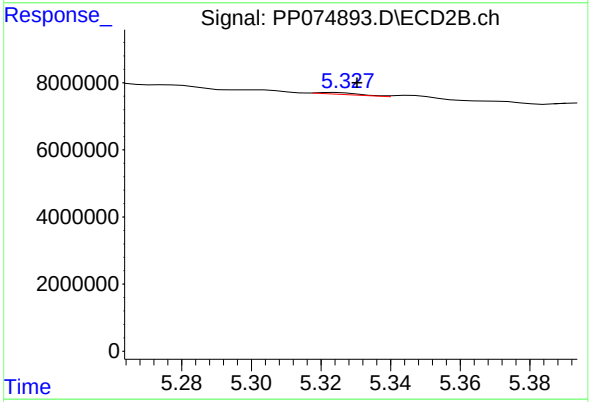
R.T.: 5.150 min
Delta R.T.: 0.034 min
Response: 1881139
Conc: 13.46 ng/ml




#7 AR-1016-5

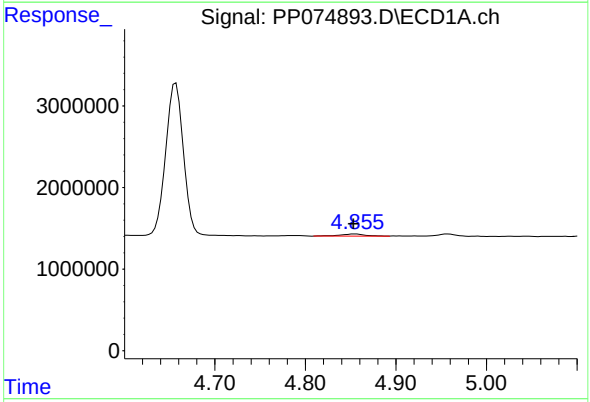
R.T.: 6.287 min
Delta R.T.: 0.011 min
Response: 223995
Conc: 6.75 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



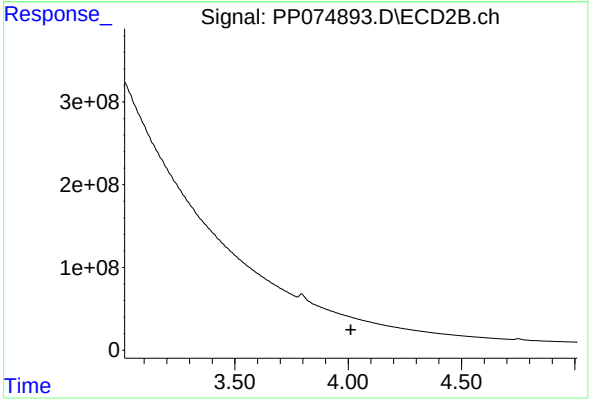

#7 AR-1016-5

R.T.: 5.324 min
Delta R.T.: -0.006 min
Response: 467178
Conc: 2.81 ng/ml



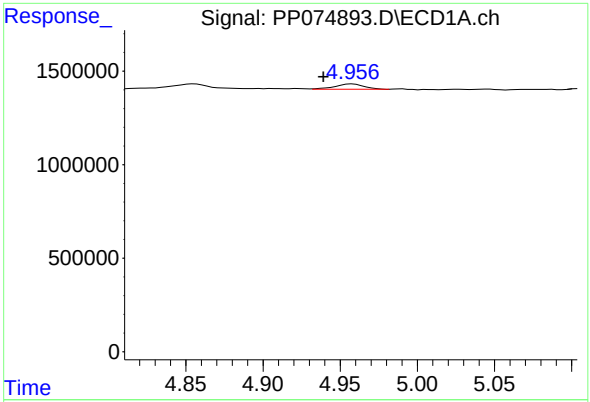

#8 AR-1221-1

R.T.: 4.855 min
Delta R.T.: 0.002 min
Response: 516638
Conc: 29.37 ng/ml




#8 AR-1221-1

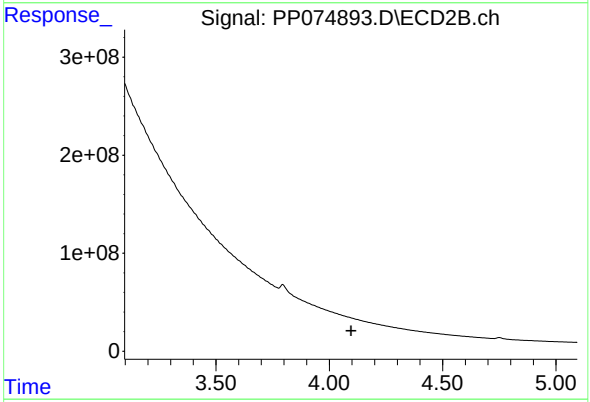
R.T.: 0.000 min
Exp R.T. : 4.011 min
Response: 0
Conc: N.D.




#9 AR-1221-2

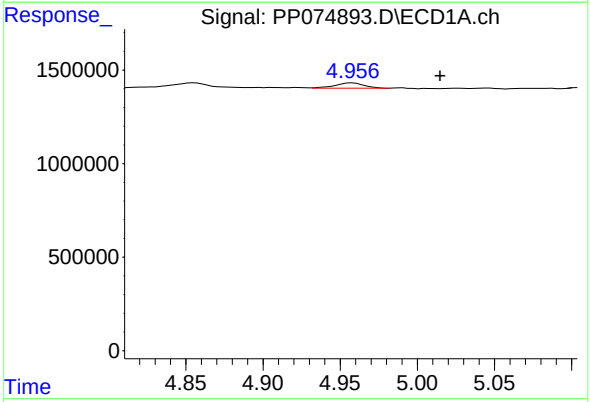
R.T.: 4.958 min
Delta R.T.: 0.019 min
Response: 371733
Conc: 27.83 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



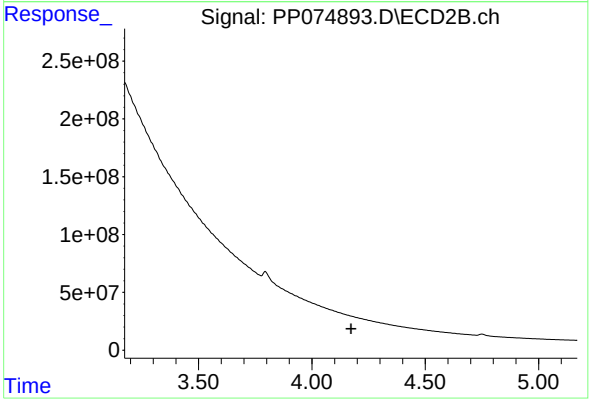

#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.097 min
Response: 0
Conc: N.D.



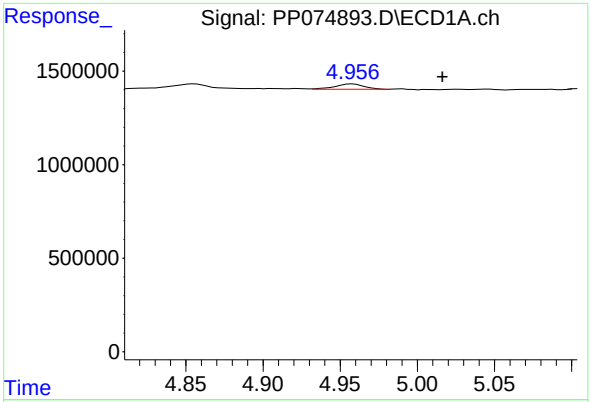

#10 AR-1221-3

R.T.: 4.958 min
Delta R.T.: -0.057 min
Response: 371733
Conc: 9.80 ng/ml




#10 AR-1221-3

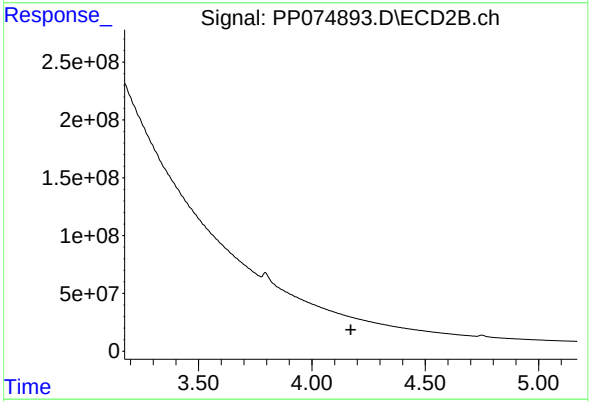
R.T.: 0.000 min
Exp R.T. : 4.173 min
Response: 0
Conc: N.D.




#11 AR-1232-1

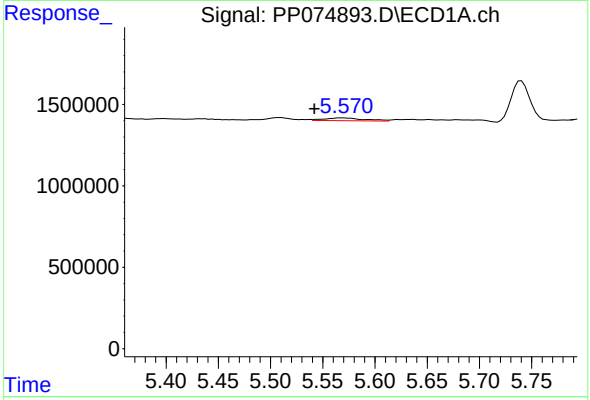
R.T.: 4.958 min
Delta R.T.: -0.058 min
Response: 371733
Conc: 12.24 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



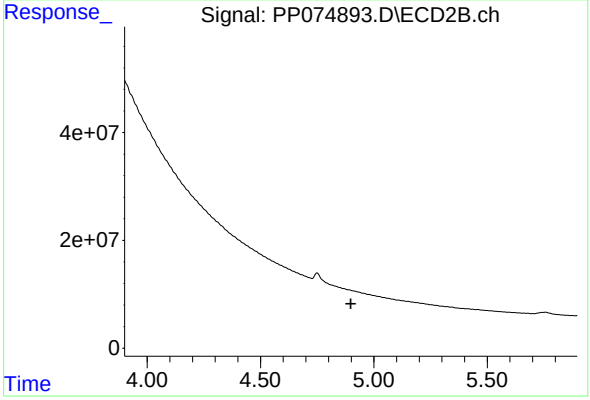

#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.172 min
Response: 0
Conc: N.D.



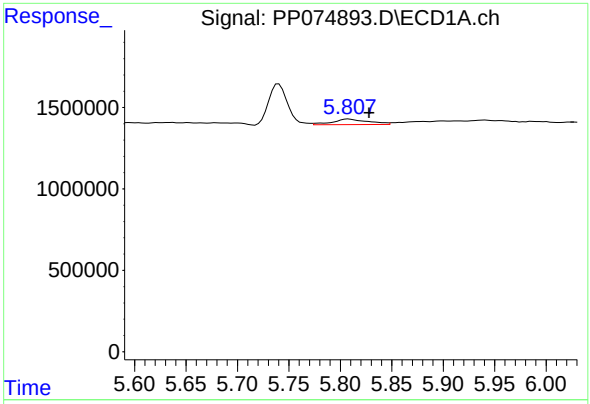

#12 AR-1232-2

R.T.: 5.567 min
Delta R.T.: 0.025 min
Response: 460485
Conc: 29.22 ng/ml




#12 AR-1232-2

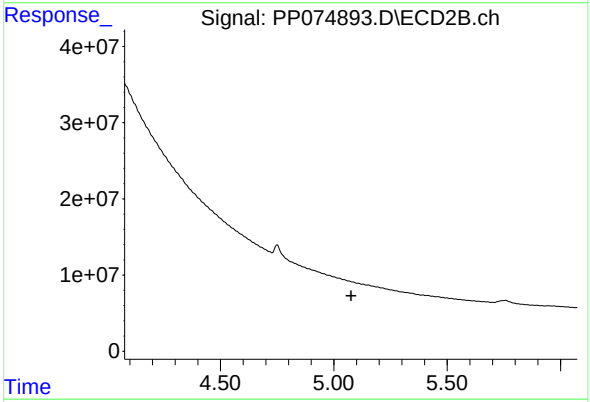
R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.




#13 AR-1232-3

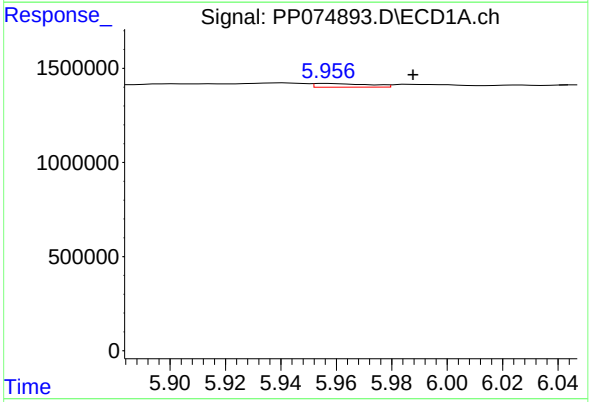
R.T.: 5.808 min
Delta R.T.: -0.020 min
Response: 825687
Conc: 27.03 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



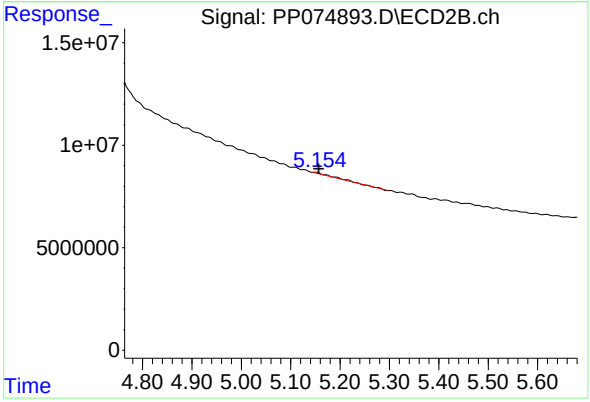

#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.076 min
Response: 0
Conc: N.D.



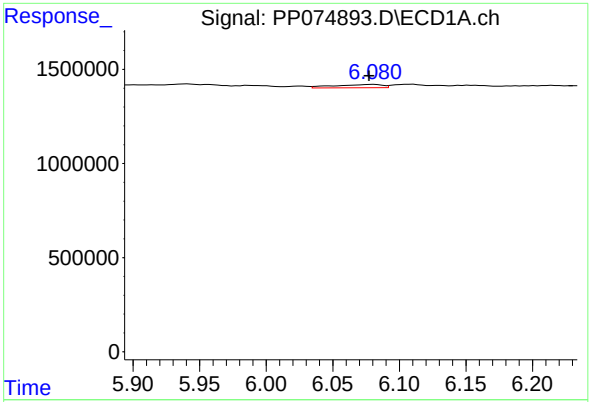

#14 AR-1232-4

R.T.: 5.957 min
Delta R.T.: -0.030 min
Response: 271617
Conc: 15.73 ng/ml




#14 AR-1232-4

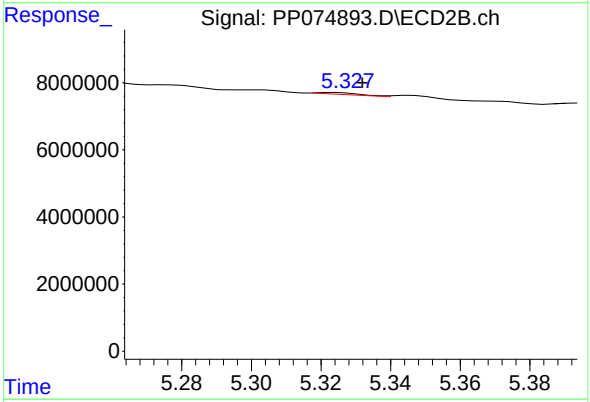
R.T.: 5.150 min
Delta R.T.: -0.007 min
Response: 1881139
Conc: 25.52 ng/ml




#15 AR-1232-5

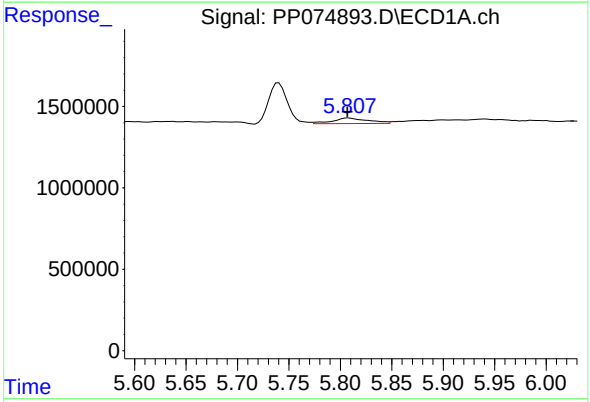
R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 424318
Conc: 32.69 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



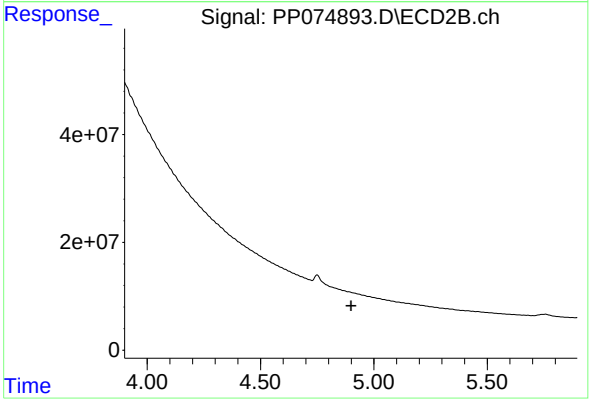

#15 AR-1232-5

R.T.: 5.324 min
Delta R.T.: -0.008 min
Response: 467178
Conc: 7.52 ng/ml



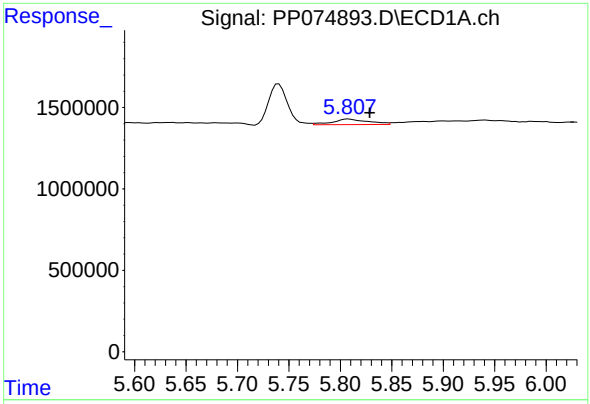

#16 AR-1242-1

R.T.: 5.808 min
Delta R.T.: 0.001 min
Response: 825687
Conc: 21.57 ng/ml




#16 AR-1242-1

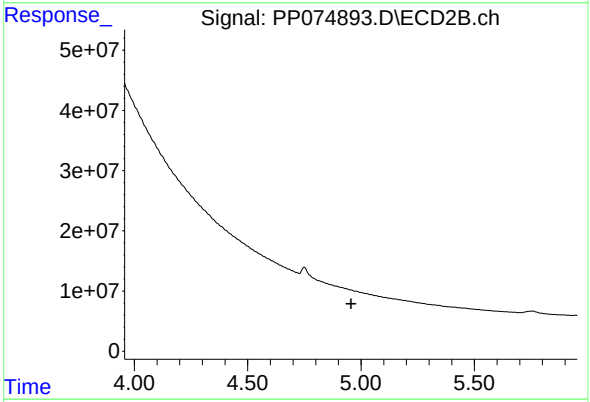
R.T.: 0.000 min
Exp R.T. : 4.900 min
Response: 0
Conc: N.D.




#17 AR-1242-2

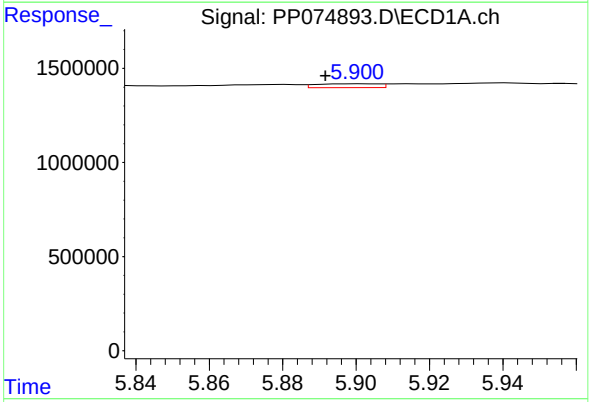
R.T.: 5.808 min
Delta R.T.: -0.020 min
Response: 825687
Conc: 14.62 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



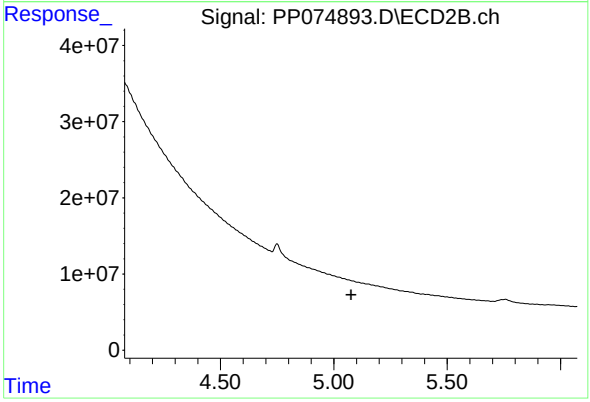

#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.957 min
Response: 0
Conc: N.D.



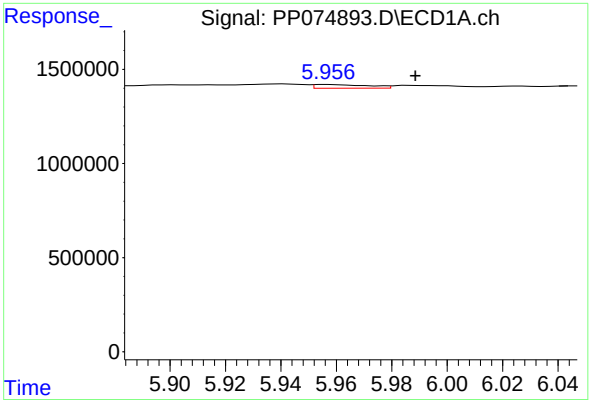

#18 AR-1242-3

R.T.: 5.901 min
Delta R.T.: 0.009 min
Response: 238791
Conc: 5.88 ng/ml




#18 AR-1242-3

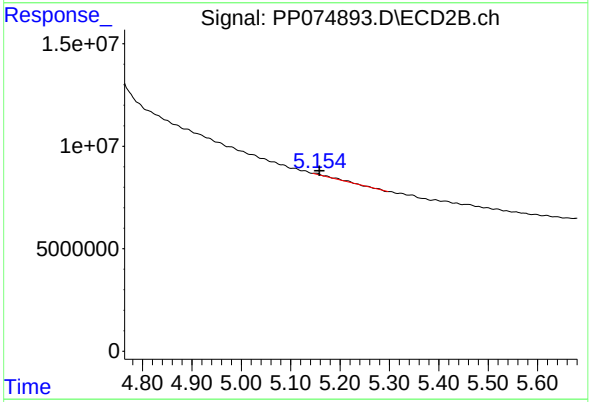
R.T.: 0.000 min
Exp R.T. : 5.076 min
Response: 0
Conc: N.D.




#19 AR-1242-4

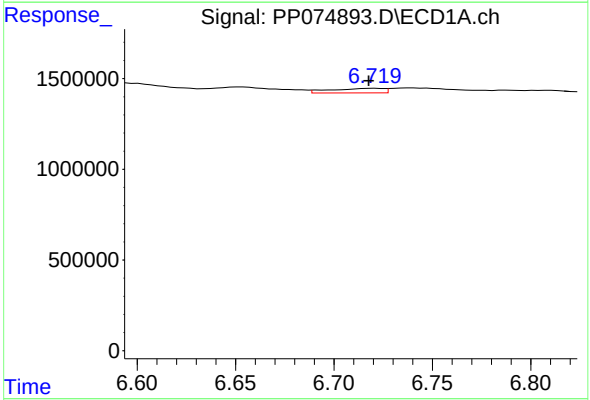
R.T.: 5.957 min
Delta R.T.: -0.031 min
Response: 271617
Conc: 8.56 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



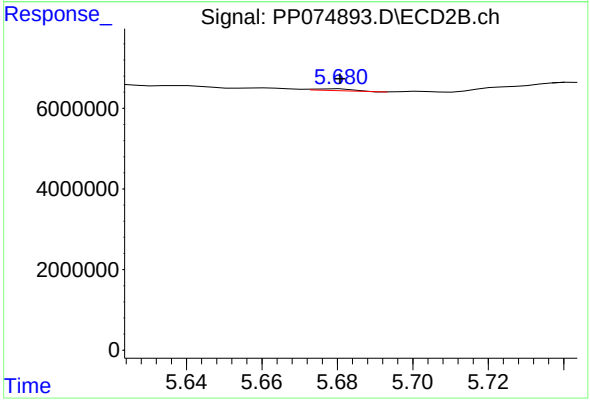

#19 AR-1242-4

R.T.: 5.150 min
Delta R.T.: -0.007 min
Response: 1881139
Conc: 10.99 ng/ml



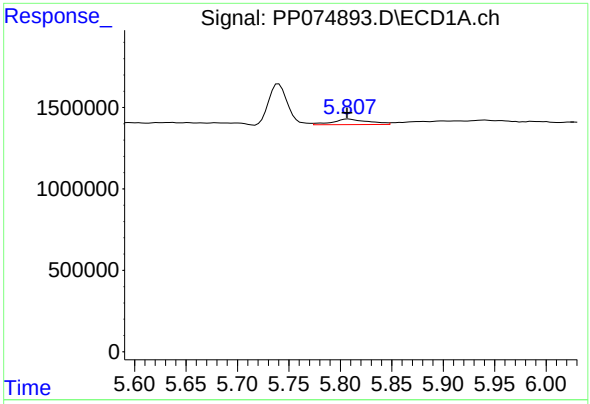

#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.003 min
Response: 469167
Conc: 13.01 ng/ml




#20 AR-1242-5

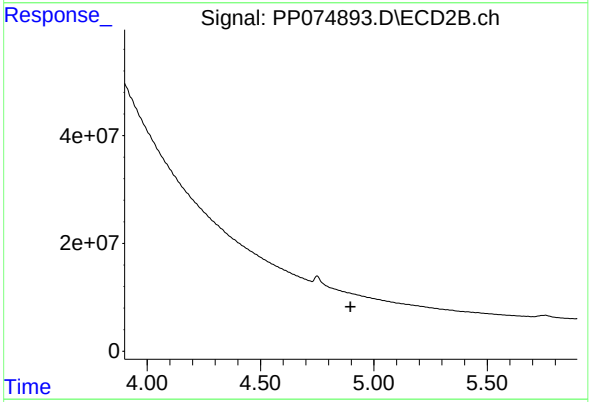
R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 330893
Conc: 1.79 ng/ml




#21 AR-1248-1

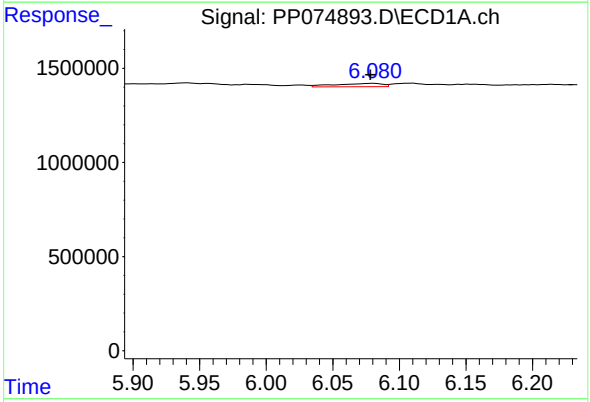
R.T.: 5.808 min
Delta R.T.: 0.001 min
Response: 825687
Conc: 27.32 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



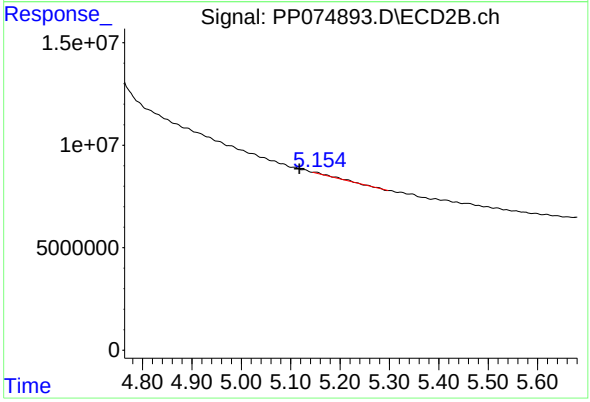

#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



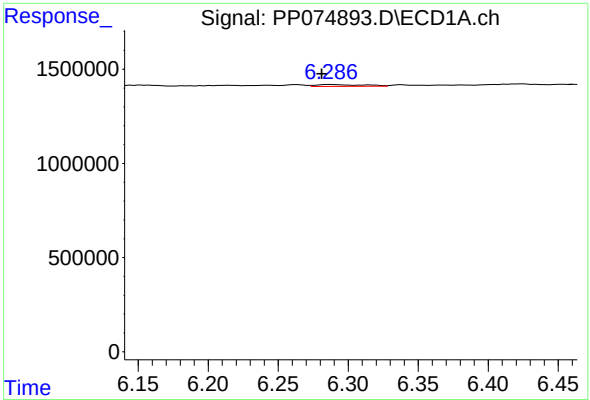

#22 AR-1248-2

R.T.: 6.081 min
Delta R.T.: 0.003 min
Response: 424318
Conc: 9.85 ng/ml




#22 AR-1248-2

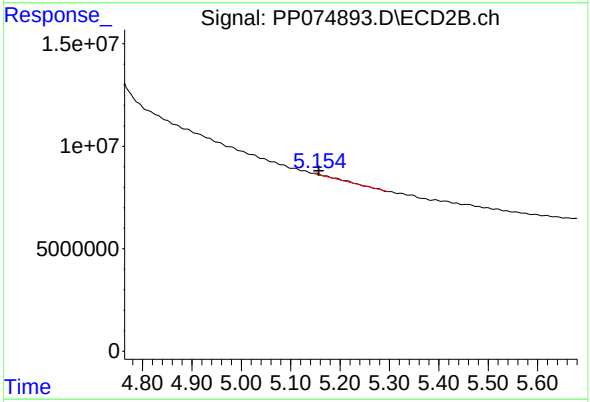
R.T.: 5.150 min
Delta R.T.: 0.033 min
Response: 1881139
Conc: 10.64 ng/ml




#23 AR-1248-3

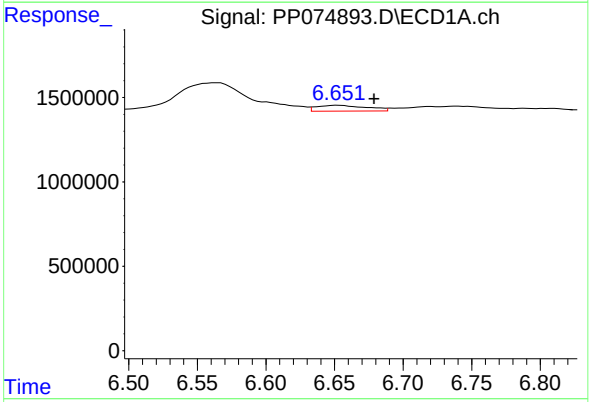
R.T.: 6.287 min
Delta R.T.: 0.006 min
Response: 223995
Conc: 4.80 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



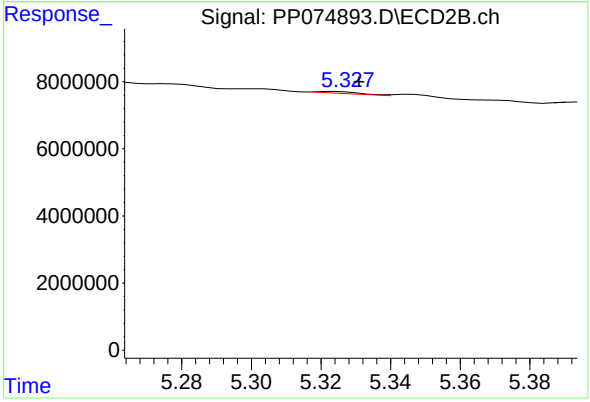

#23 AR-1248-3

R.T.: 5.150 min
Delta R.T.: -0.007 min
Response: 1881139
Conc: 8.28 ng/ml



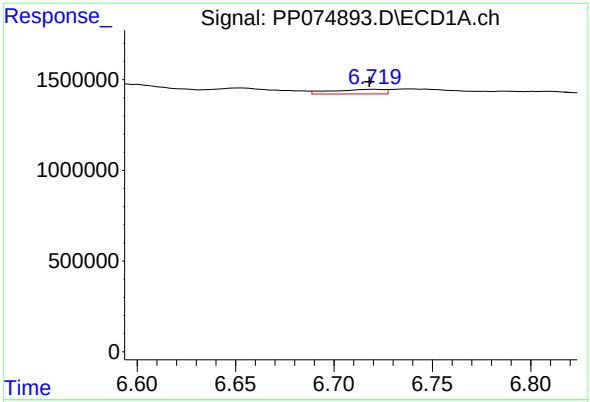

#24 AR-1248-4

R.T.: 6.652 min
Delta R.T.: -0.026 min
Response: 869030
Conc: 15.80 ng/ml




#24 AR-1248-4

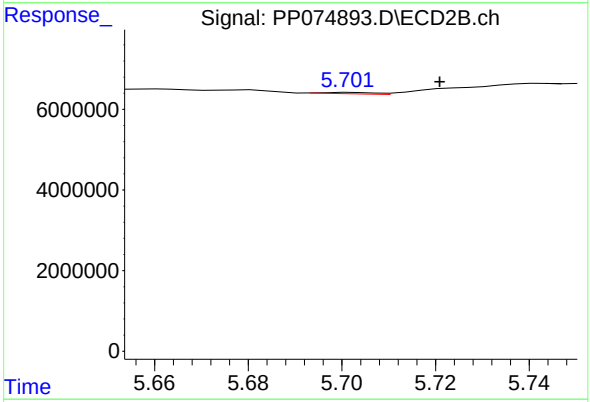
R.T.: 5.324 min
Delta R.T.: -0.007 min
Response: 467178
Conc: 2.14 ng/ml




#25 AR-1248-5

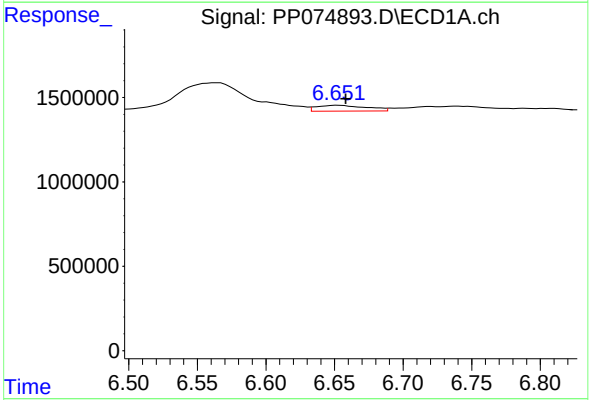
R.T.: 6.720 min
Delta R.T.: 0.002 min
Response: 469167
Conc: 8.46 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



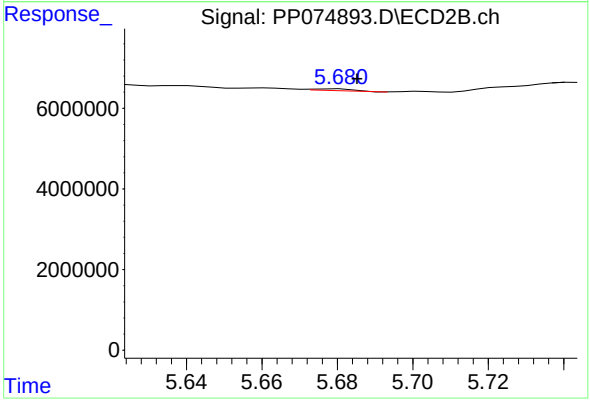

#25 AR-1248-5

R.T.: 5.702 min
Delta R.T.: -0.019 min
Response: 260087
Conc: 0.71 ng/ml



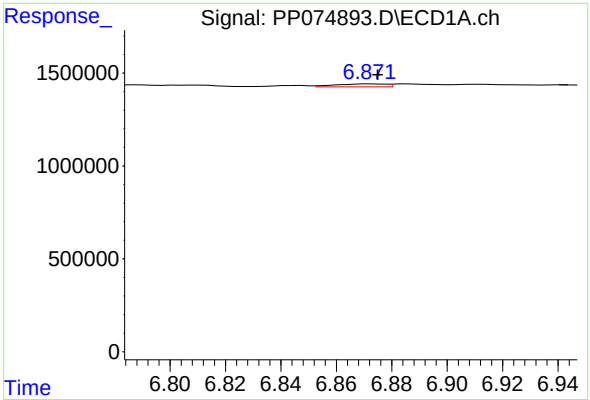

#26 AR-1254-1

R.T.: 6.652 min
Delta R.T.: -0.006 min
Response: 869030
Conc: 14.91 ng/ml




#26 AR-1254-1

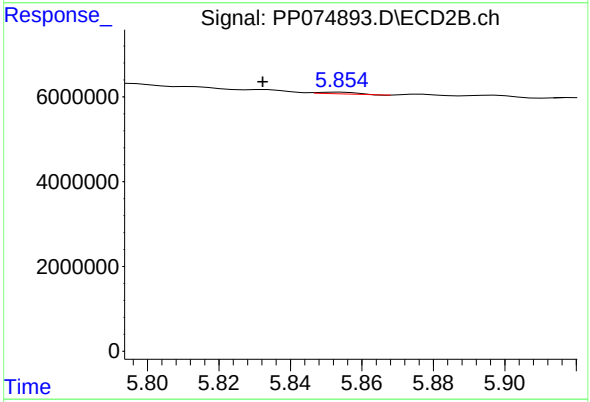
R.T.: 5.680 min
Delta R.T.: -0.005 min
Response: 330893
Conc: 0.69 ng/ml




#27 AR-1254-2

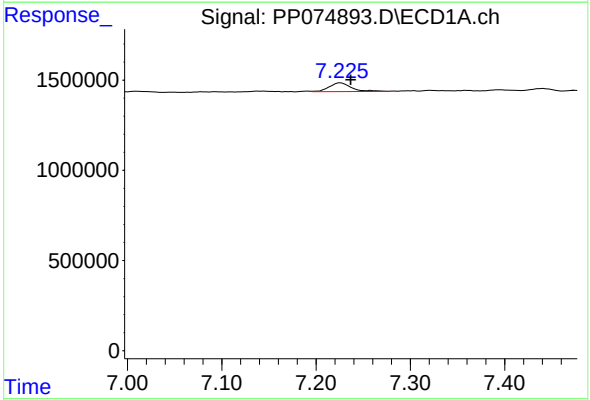
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 201793
Conc: 2.47 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



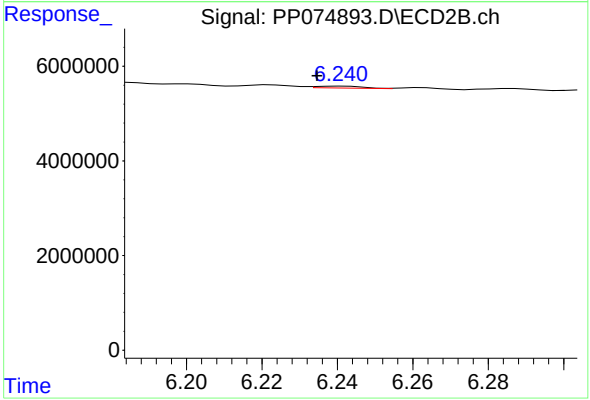

#27 AR-1254-2

R.T.: 5.854 min
Delta R.T.: 0.022 min
Response: 306727
Conc: 0.87 ng/ml



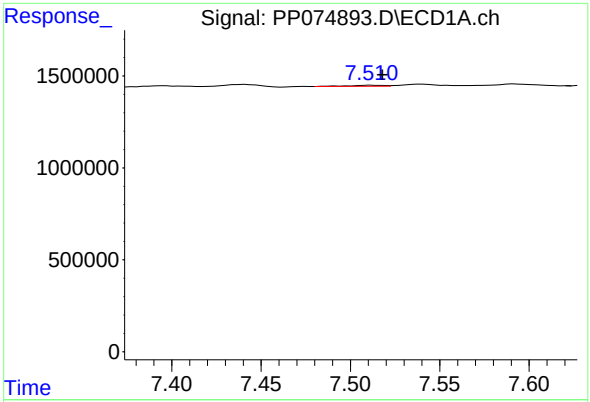

#28 AR-1254-3

R.T.: 7.226 min
Delta R.T.: -0.011 min
Response: 791771
Conc: 8.88 ng/ml




#28 AR-1254-3

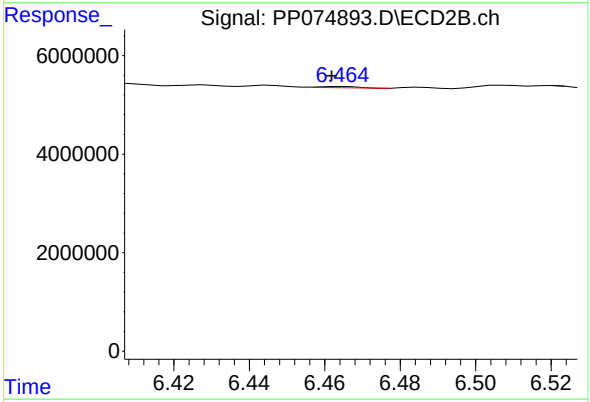
R.T.: 6.241 min
Delta R.T.: 0.007 min
Response: 341070
Conc: 0.55 ng/ml




#29 AR-1254-4

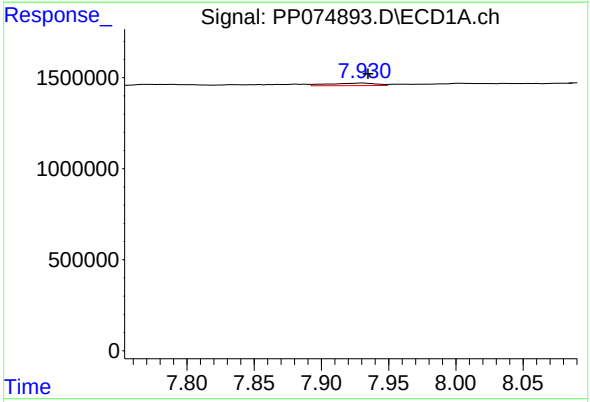
R.T.: 7.512 min
Delta R.T.: -0.006 min
Response: 79167
Conc: 1.20 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



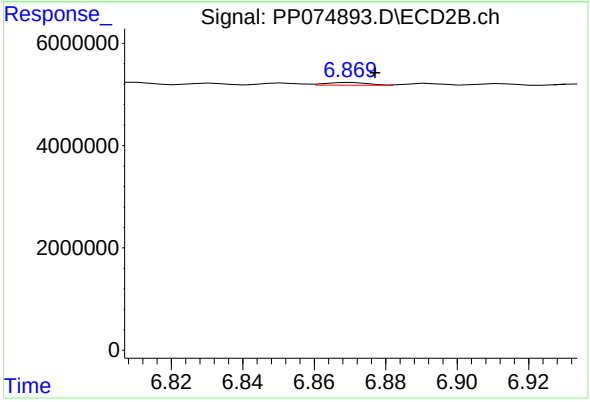

#29 AR-1254-4

R.T.: 6.465 min
Delta R.T.: 0.003 min
Response: 185114
Conc: 0.40 ng/ml



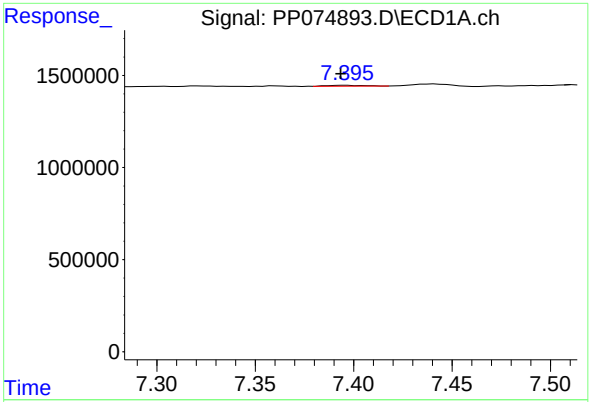

#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 344739
Conc: 4.15 ng/ml




#30 AR-1254-5

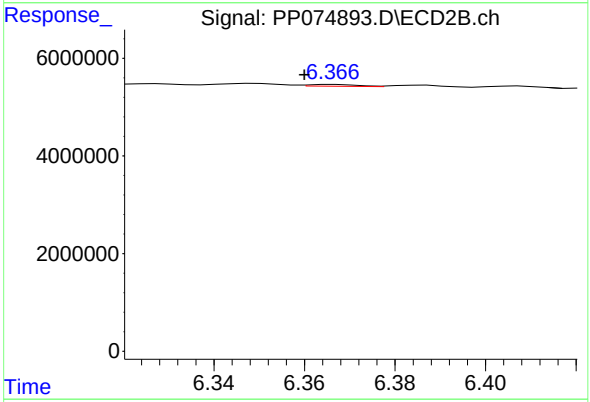
R.T.: 6.871 min
Delta R.T.: -0.006 min
Response: 436407
Conc: 0.89 ng/ml




#31 AR-1260-1

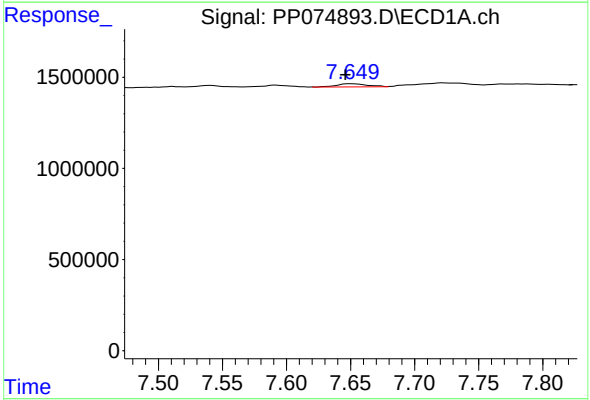
R.T.: 7.396 min
Delta R.T.: 0.003 min
Response: 63938
Conc: 1.11 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



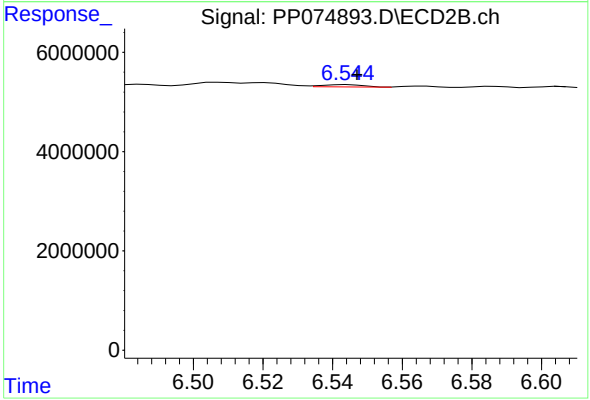

#31 AR-1260-1

R.T.: 6.367 min
Delta R.T.: 0.007 min
Response: 274295
Conc: 0.73 ng/ml



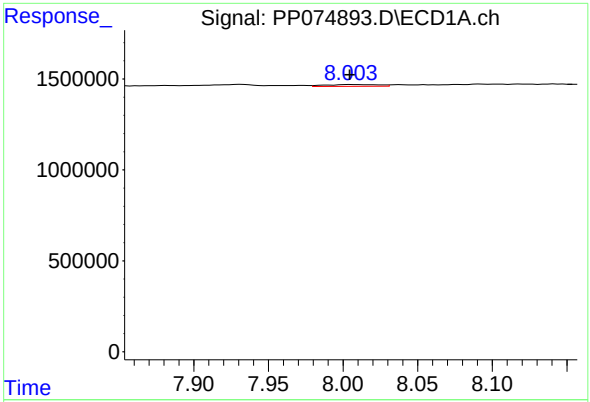

#32 AR-1260-2

R.T.: 7.651 min
Delta R.T.: 0.005 min
Response: 278818
Conc: 4.05 ng/ml




#32 AR-1260-2

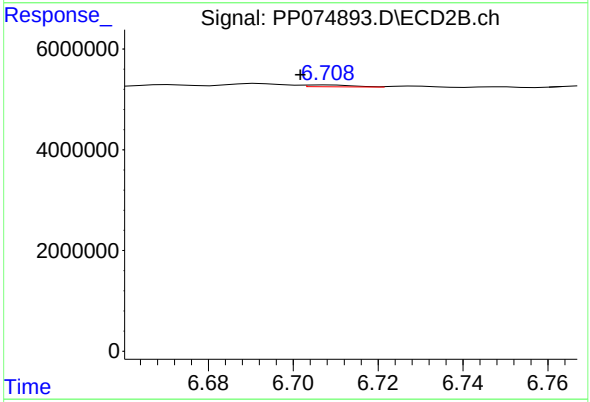
R.T.: 6.544 min
Delta R.T.: -0.003 min
Response: 379368
Conc: 0.72 ng/ml




#33 AR-1260-3

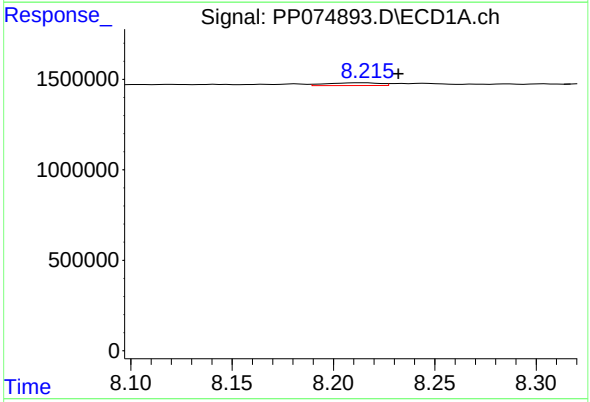
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 249518
Conc: 4.81 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



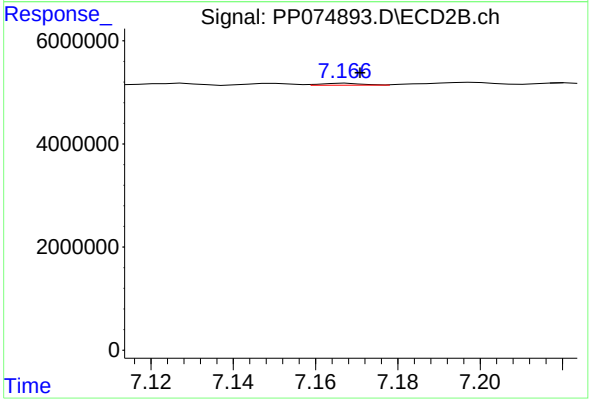

#33 AR-1260-3

R.T.: 6.709 min
Delta R.T.: 0.007 min
Response: 300142
Conc: 0.69 ng/ml



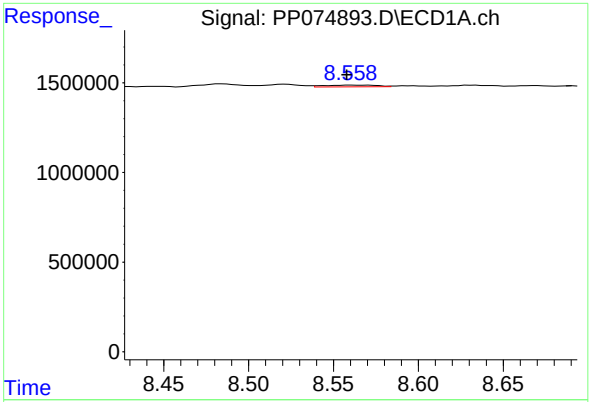

#34 AR-1260-4

R.T.: 8.215 min
Delta R.T.: -0.017 min
Response: 272533
Conc: 4.27 ng/ml




#34 AR-1260-4

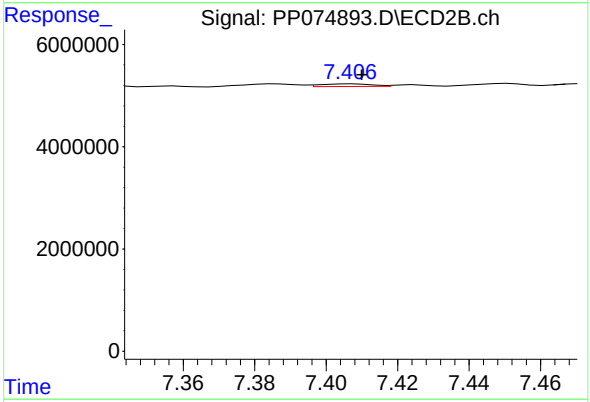
R.T.: 7.168 min
Delta R.T.: -0.003 min
Response: 267835
Conc: 0.70 ng/ml




#35 AR-1260-5

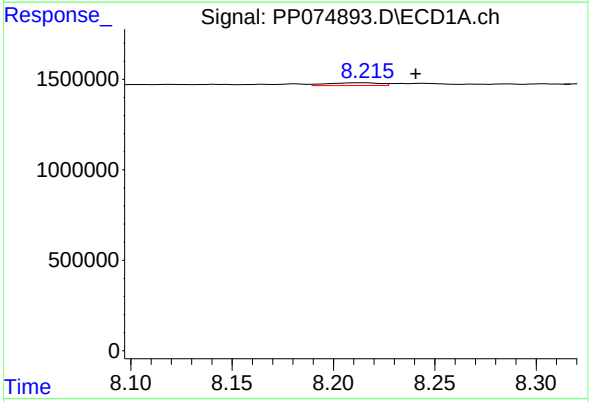
R.T.: 8.560 min
Delta R.T.: 0.003 min
Response: 203702
Conc: 1.80 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



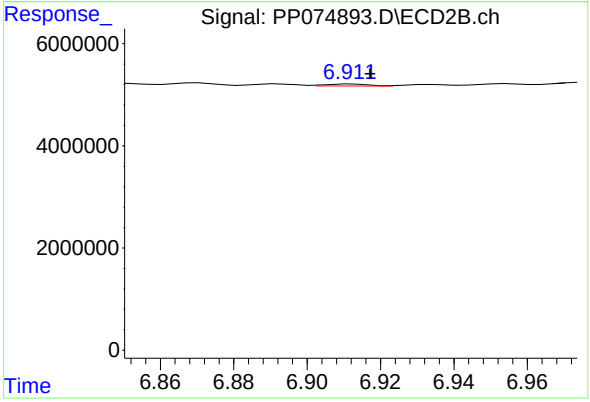

#35 AR-1260-5

R.T.: 7.407 min
Delta R.T.: -0.003 min
Response: 502166
Conc: 0.50 ng/ml



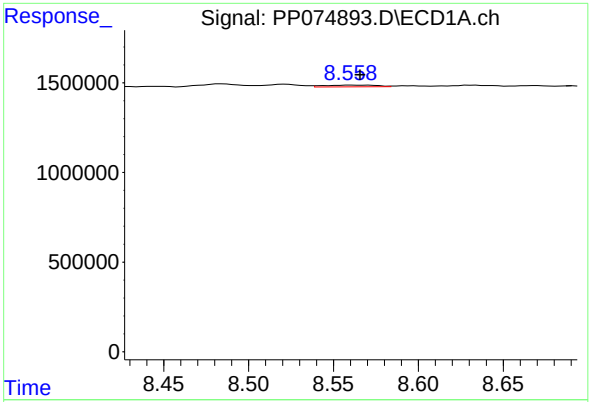

#36 AR-1262-1

R.T.: 8.215 min
Delta R.T.: -0.025 min
Response: 272533
Conc: 3.54 ng/ml




#36 AR-1262-1

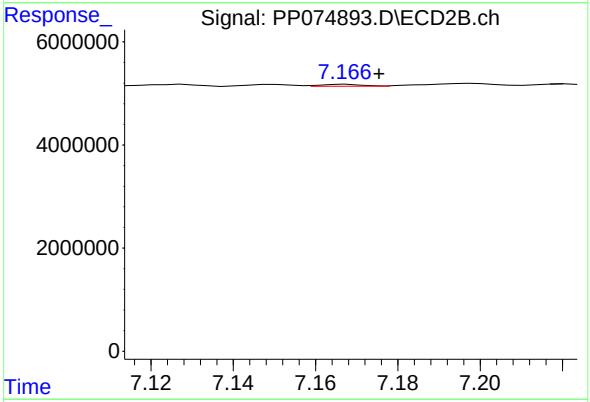
R.T.: 6.912 min
Delta R.T.: -0.005 min
Response: 317371
Conc: 0.45 ng/ml




#37 AR-1262-2

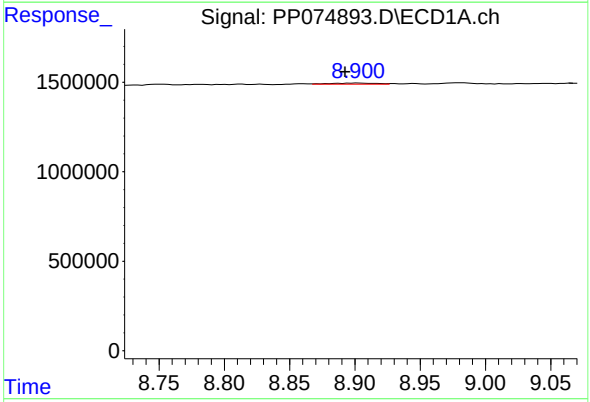
R.T.: 8.560 min
Delta R.T.: -0.005 min
Response: 203702
Conc: 1.54 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



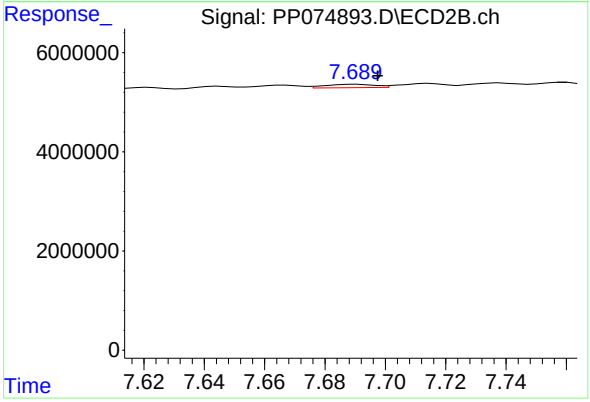

#37 AR-1262-2

R.T.: 7.168 min
Delta R.T.: -0.008 min
Response: 267835
Conc: 0.51 ng/ml



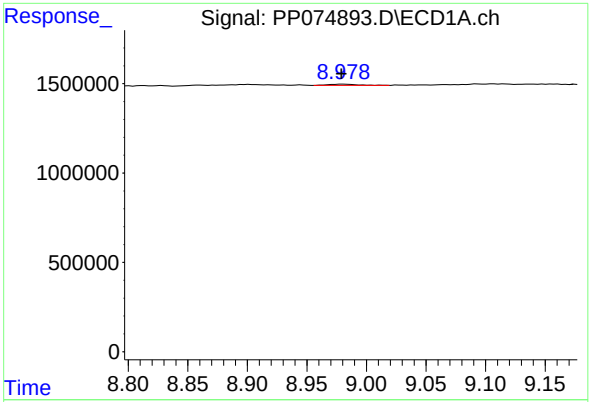

#38 AR-1262-3

R.T.: 8.902 min
Delta R.T.: 0.010 min
Response: 147862
Conc: 1.52 ng/ml




#38 AR-1262-3

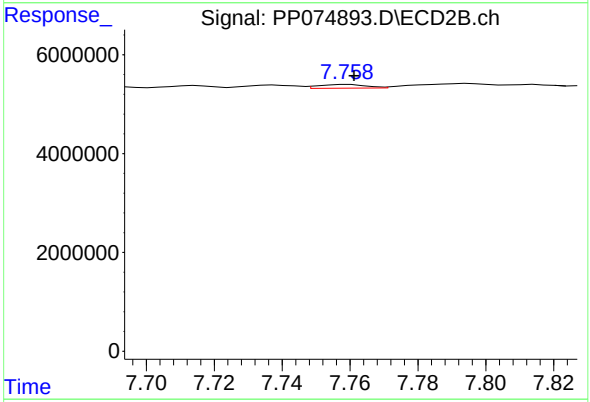
R.T.: 7.690 min
Delta R.T.: -0.007 min
Response: 781481
Conc: 1.68 ng/ml




#39 AR-1262-4

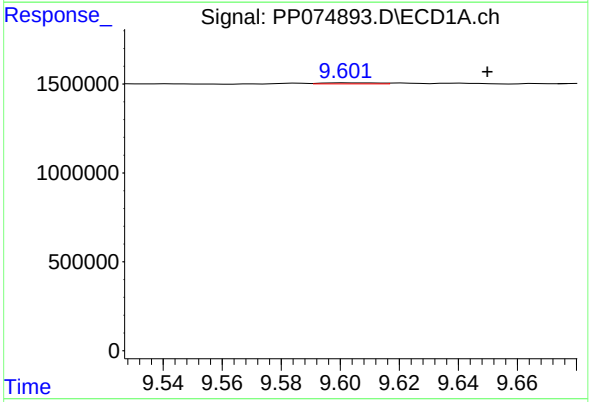
R.T.: 8.981 min
Delta R.T.: 0.002 min
Response: 111886
Conc: 1.49 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



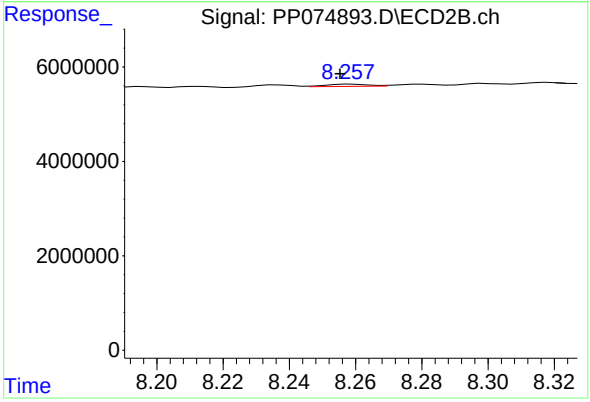

#39 AR-1262-4

R.T.: 7.759 min
Delta R.T.: -0.002 min
Response: 752055
Conc: 0.92 ng/ml



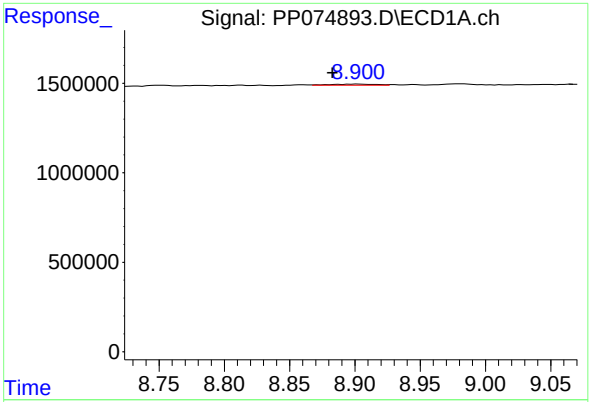

#40 AR-1262-5

R.T.: 9.602 min
Delta R.T.: -0.048 min
Response: 79521
Conc: 1.30 ng/ml




#40 AR-1262-5

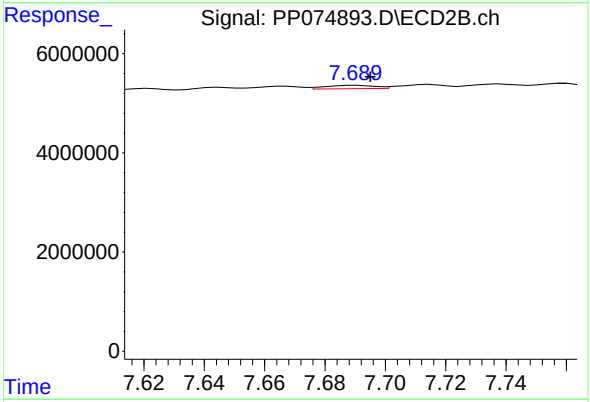
R.T.: 8.259 min
Delta R.T.: 0.004 min
Response: 411818
Conc: 1.15 ng/ml




#41 AR-1268-1

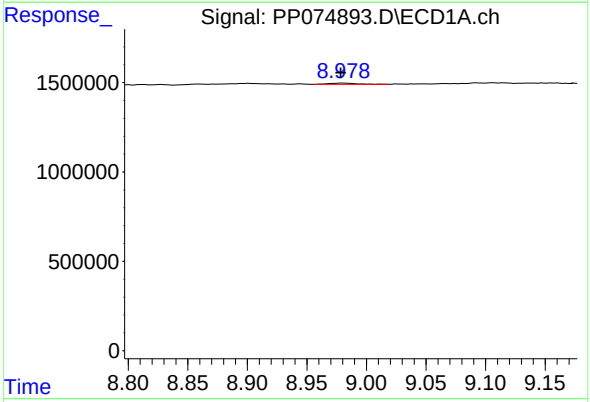
R.T.: 8.902 min
Delta R.T.: 0.019 min
Response: 147862
Conc: 0.91 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



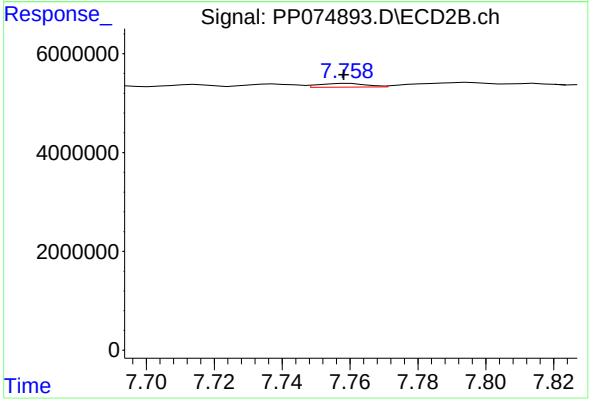

#41 AR-1268-1

R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 781481
Conc: 0.55 ng/ml



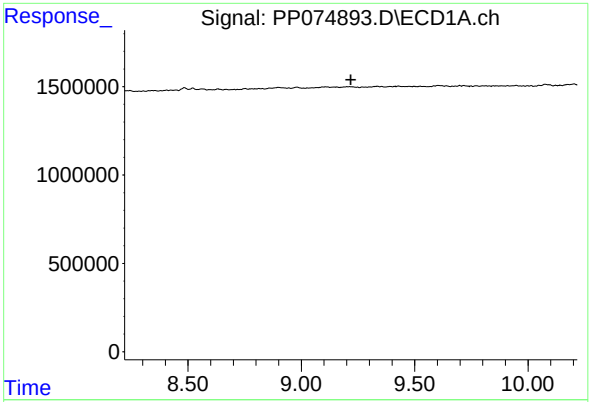

#42 AR-1268-2

R.T.: 8.981 min
Delta R.T.: 0.002 min
Response: 111886
Conc: 0.76 ng/ml




#42 AR-1268-2

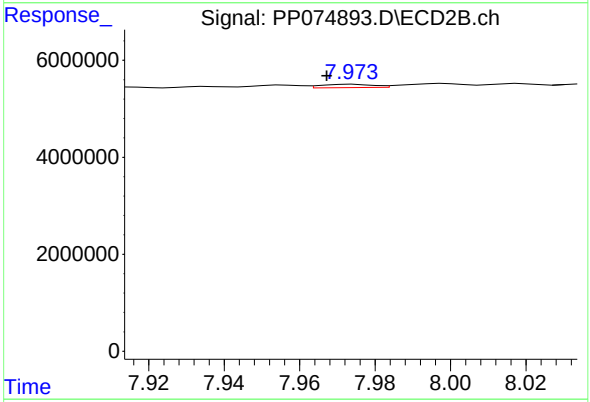
R.T.: 7.759 min
Delta R.T.: 0.001 min
Response: 752055
Conc: 0.55 ng/ml




#43 AR-1268-3

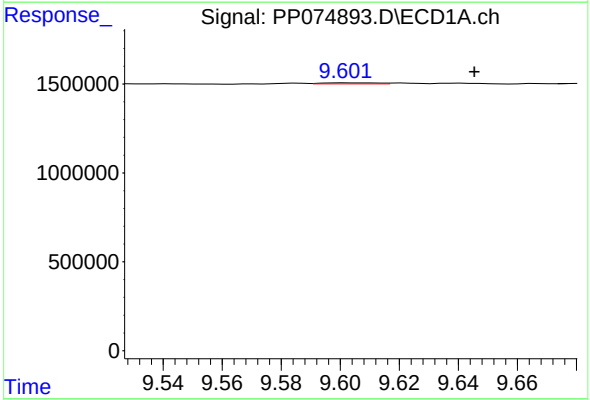
R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903



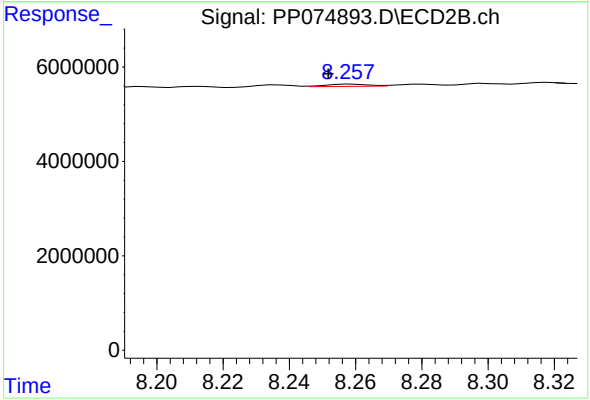

#43 AR-1268-3

R.T.: 7.974 min
Delta R.T.: 0.007 min
Response: 659706
Conc: 0.63 ng/ml



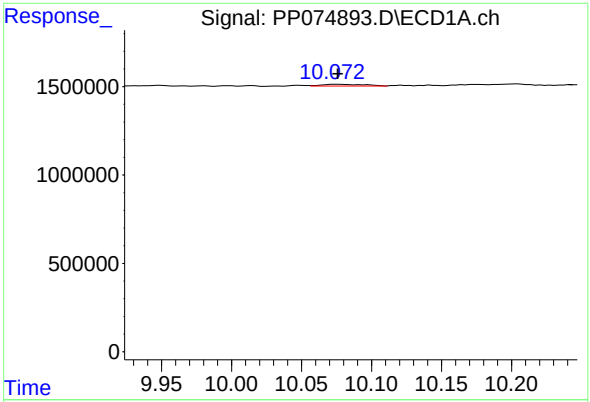

#44 AR-1268-4

R.T.: 9.602 min
Delta R.T.: -0.043 min
Response: 79521
Conc: 1.18 ng/ml




#44 AR-1268-4

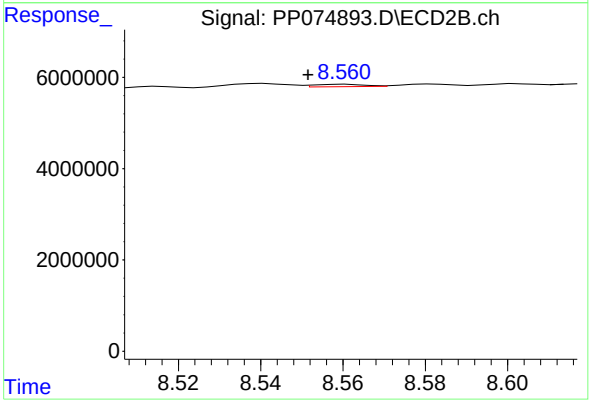
R.T.: 8.259 min
Delta R.T.: 0.007 min
Response: 411818
Conc: 1.07 ng/ml




#45 AR-1268-5

R.T.: 10.074 min
Delta R.T.: -0.002 min
Response: 201297
Conc: 0.54 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-076-IDWGW-20250903




#45 AR-1268-5

R.T.: 8.561 min
Delta R.T.: 0.009 min
Response: 448767
Conc: 0.14 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:46
Operator : YP\AJ
Sample : Q3017-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** ECD_P
**ClientSampleId :** TT-077-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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 | | | | | | | |
| 2) | SA Decachlor... | 10.437 | 8.810 | 19955169 | 126.6E6 | 20.208 | 16.877 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.811 | 0.000 | 907767 | 0 | 20.589 | N.D. | # |
| 4) | L1 AR-1016-2 | 5.831 | 0.000 | 1800657 | 0 | 28.654 | N.D. | # |
| 5) | L1 AR-1016-3 | 5.888 | 5.111f | 2426572 | 505818 | 54.027 | 3.668 | # |
| 6) | L1 AR-1016-4 | 5.991 | 5.111 | 1178257 | 505818 | 33.491 | 3.618 | # |
| 7) | L1 AR-1016-5 | 6.284 | 5.327 | 783673 | 1652407 | 23.615 | 9.949 | # |
| 8) | L2 AR-1221-1 | 4.858 | 0.000 | 333136 | 0 | 18.936 | N.D. | # |
| 9) | L2 AR-1221-2 | 4.962 | 0.000 | 498651 | 0 | 37.332 | N.D. | # |
| 10) | L2 AR-1221-3 | 4.962f | 0.000 | 498651 | 0 | 13.153 | N.D. | # |
| 11) | L3 AR-1232-1 | 4.962f | 0.000 | 498651 | 0 | 16.417 | N.D. | # |
| 12) | L3 AR-1232-2 | 5.513 | 0.000 | 1055553 | 0 | 66.984 | N.D. | # |
| 13) | L3 AR-1232-3 | 5.831 | 5.111f | 1800657 | 505818 | 58.953 | 8.422 | # |
| 14) | L3 AR-1232-4 | 5.991 | 5.149 | 1178257 | 2607283 | 68.229 | 35.373 | # |
| 15) | L3 AR-1232-5 | 6.078 | 5.327 | 2874996 | 1652407 | 221.478 | 26.616 | # |
| 16) | L4 AR-1242-1 | 5.811 | 0.000 | 907767 | 0 | 23.717 | N.D. | # |
| 17) | L4 AR-1242-2 | 5.831 | 0.000 | 1800657 | 0 | 31.880 | N.D. | # |
| 18) | L4 AR-1242-3 | 5.888 | 5.111f | 2426572 | 505818 | 59.763 | 4.276 | # |
| 19) | L4 AR-1242-4 | 5.991 | 5.149 | 1178257 | 2607283 | 37.120 | 15.233 | # |
| 20) | L4 AR-1242-5 | 6.732 | 5.674 | 2590691 | 359809 | 71.823 | 1.943 | # |
| 21) | L5 AR-1248-1 | 5.811 | 0.000 | 907767 | 0 | 30.035 | N.D. | # |
| 22) | L5 AR-1248-2 | 6.078 | 5.111 | 2874996 | 505818 | 66.711 | 2.862 | # |
| 23) | L5 AR-1248-3 | 6.284 | 5.149 | 783673 | 2607283 | 16.780 | 11.476 | # |
| 24) | L5 AR-1248-4 | 6.658 | 5.327 | 2379147 | 1652407 | 43.257 | 7.579 | # |
| 25) | L5 AR-1248-5 | 6.732 | 5.694 | 2590691 | 307591 | 46.704 | 0.837 | # |
| 26) | L6 AR-1254-1 | 6.658 | 5.694 | 2379147 | 307591 | 40.830 | 0.645 | # |
| 27) | L6 AR-1254-2 | 6.869 | 5.835 | 452725 | 1021181 | 5.547 | 2.900 | # |
| 28) | L6 AR-1254-3 | 7.230 | 6.237 | 2159153 | 1067592 | 24.204 | 1.722 | # |
| 30) | L6 AR-1254-5 | 7.881f | 6.873 | 325284 | 241773 | 3.915 | 0.493 | # |
| 31) | L7 AR-1260-1 | 7.399 | 6.355 | 44397 | 938679 | 0.768 | 2.502 | # |
| 32) | L7 AR-1260-2 | 7.665 | 6.561 | 517435 | 611512 | 7.508 | 1.156 | # |
| 33) | L7 AR-1260-3 | 0.000 | 6.702 | 0 | 588933 | N.D. | 1.360 | # |
| 34) | L7 AR-1260-4 | 8.214 | 7.172 | 873147 | 749330 | 13.687 | 1.964 | # |
| 35) | L7 AR-1260-5 | 8.523 | 7.416 | 762710 | 607596 | 6.725 | 0.605 | # |
| 36) | L8 AR-1262-1 | 8.214 | 6.911 | 873147 | 142776 | 11.337 | 0.202 | # |
| 37) | L8 AR-1262-2 | 8.523f | 7.172 | 762710 | 749330 | 5.761 | 1.439 | # |
| 38) | L8 AR-1262-3 | 0.000 | 7.690 | 0 | 1423045 | N.D. | 3.052 | # |
| 39) | L8 AR-1262-4 | 8.980 | 7.751 | 134797 | 1484479 | 1.789 | 1.806 | |
| 40) | L8 AR-1262-5 | 9.608f | 8.263 | 157923 | 320530 | 2.591 | 0.895 | # |
| 41) | L9 AR-1268-1 | 0.000 | 7.690 | 0 | 1423045 | N.D. | 1.009 | # |
| 42) | L9 AR-1268-2 | 8.980 | 7.751 | 134797 | 1484479 | 0.919 | 1.089 | |
| 43) | L9 AR-1268-3 | 0.000 | 7.961 | 0 | 1633242 | N.D. | 1.566 | # |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:46
Operator : YP\AJ
Sample : Q3017-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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 |
|---|---|---|---|---|---|---|---|
| 44) L9 | AR-1268-4 | 9.608f | 8.244 | 157923 | 491113 | 2.348 | 1.282 # |
| 45) L9 | AR-1268-5 | 10.088 | 8.544 | 99606 | 673233 | 0.269 | 0.215 |

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

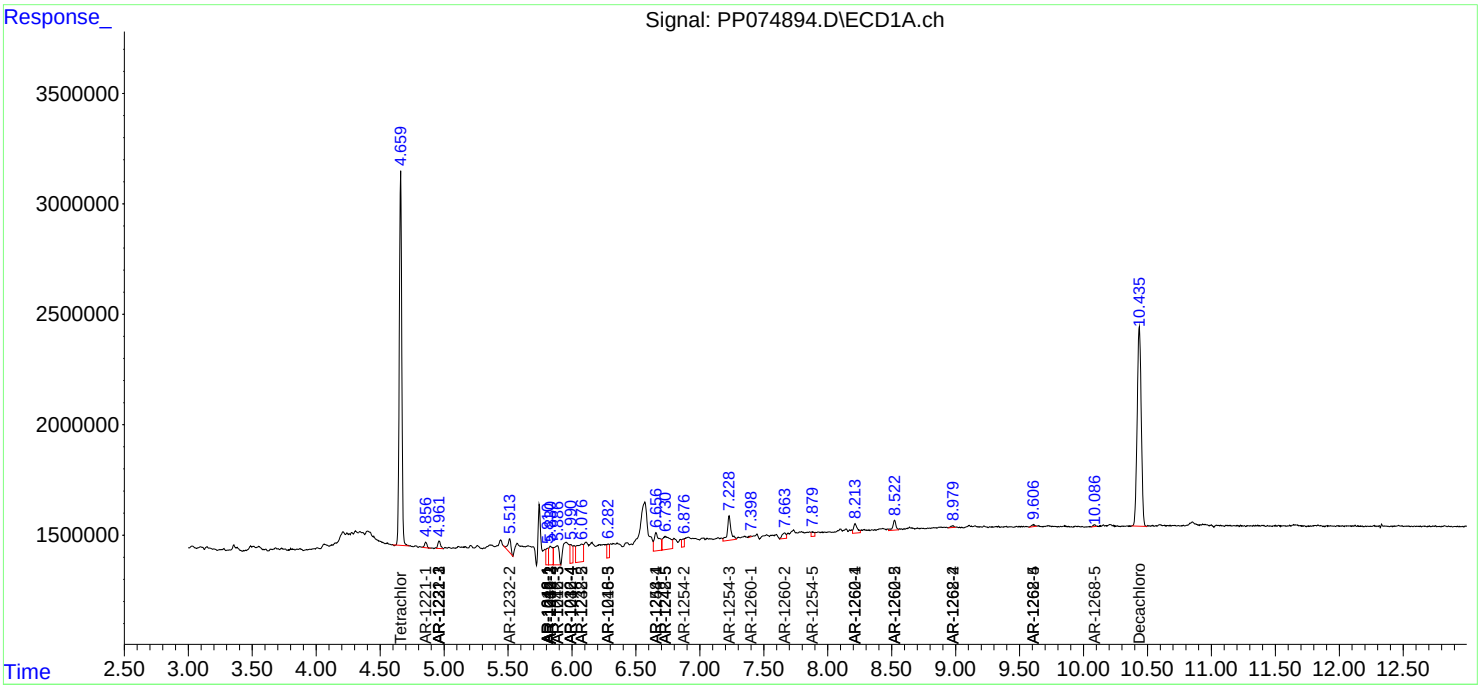
Quantitation Report (Not Reviewed)

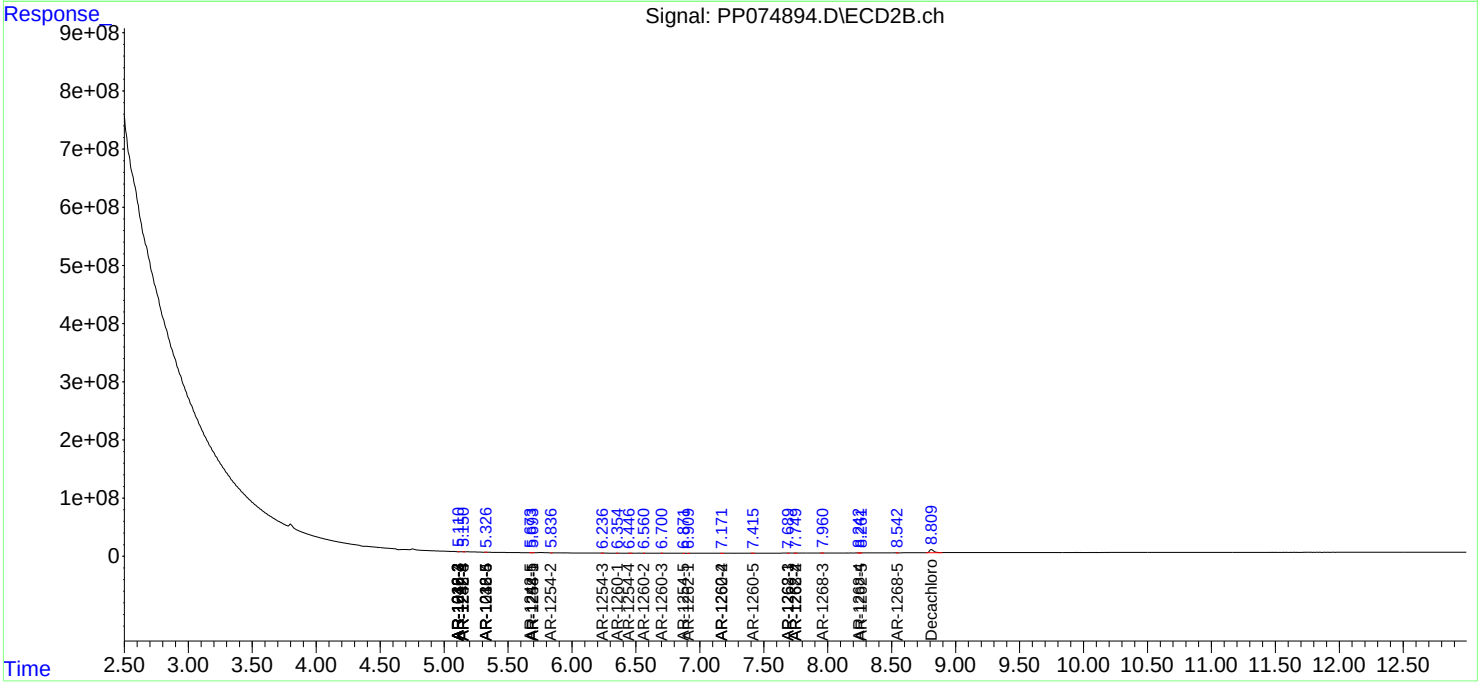
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 11:46
Operator : YP\AJ
Sample : Q3017-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

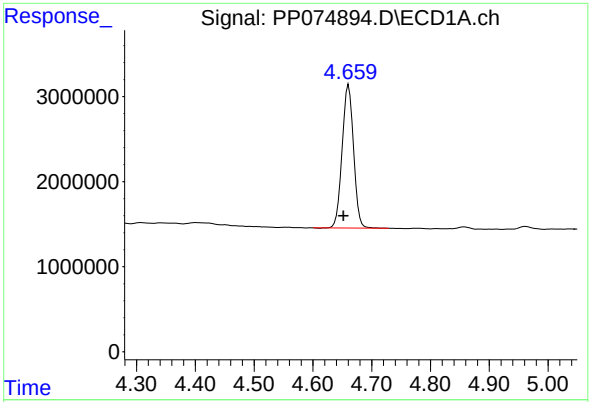
**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



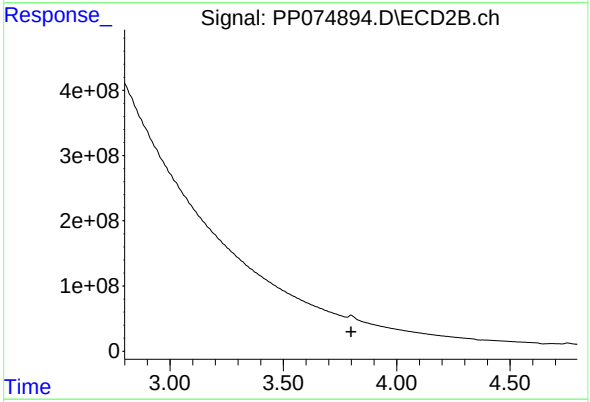






#1 Tetrachloro-m-xylene

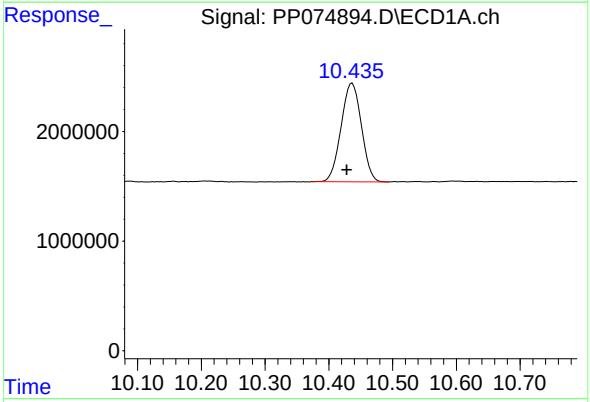
R.T.: 4.661 min
Delta R.T.: 0.009 min
Response: 22746916
Conc: 18.59 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



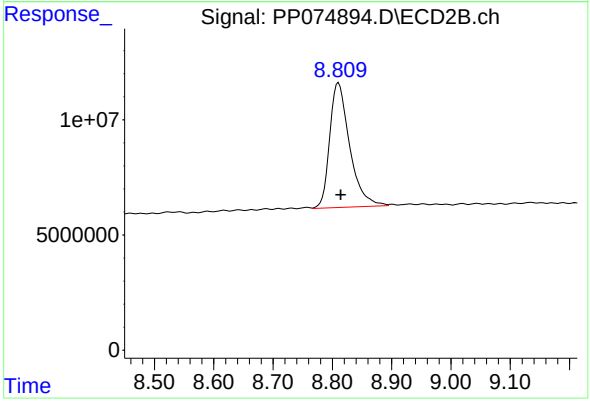

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: -725467070
Conc: N.D.



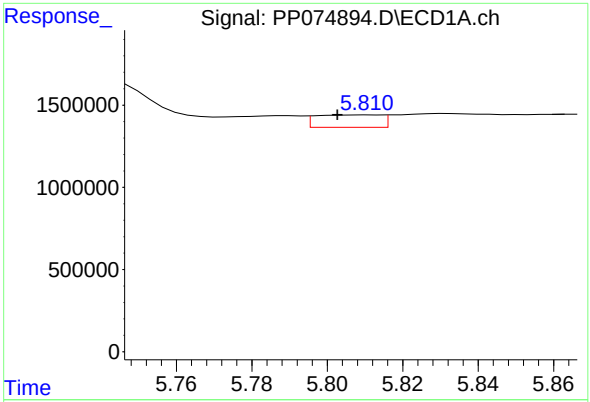

#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.008 min
Response: 19955169
Conc: 20.21 ng/ml




#2 Decachlorobiphenyl

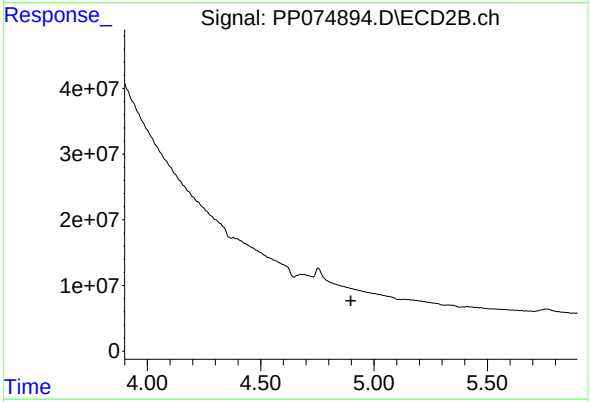
R.T.: 8.810 min
Delta R.T.: -0.003 min
Response: 126561882
Conc: 16.88 ng/ml




#3 AR-1016-1

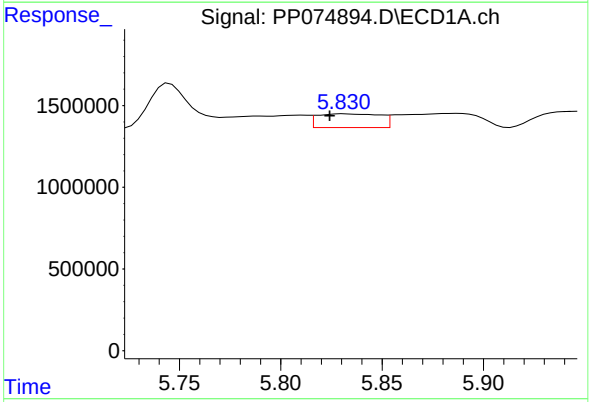
R.T.: 5.811 min
Delta R.T.: 0.008 min
Response: 907767
Conc: 20.59 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



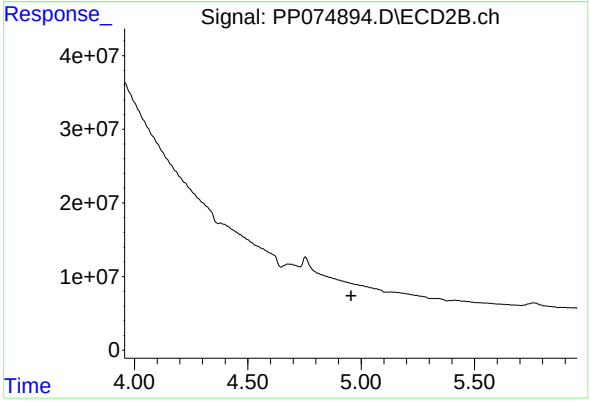

#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



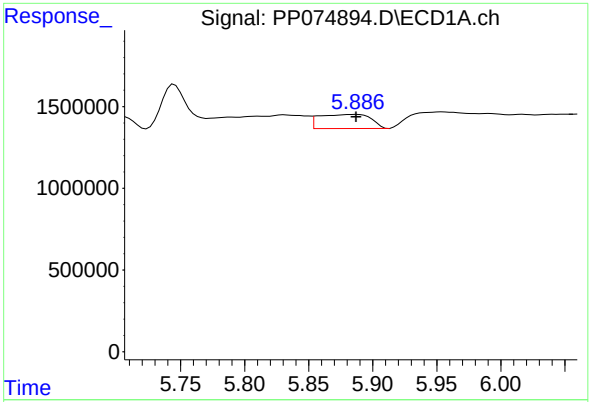

#4 AR-1016-2

R.T.: 5.831 min
Delta R.T.: 0.007 min
Response: 1800657
Conc: 28.65 ng/ml




#4 AR-1016-2

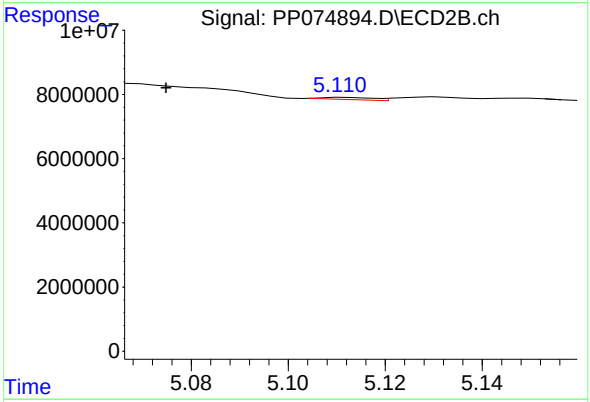
R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.




#5 AR-1016-3

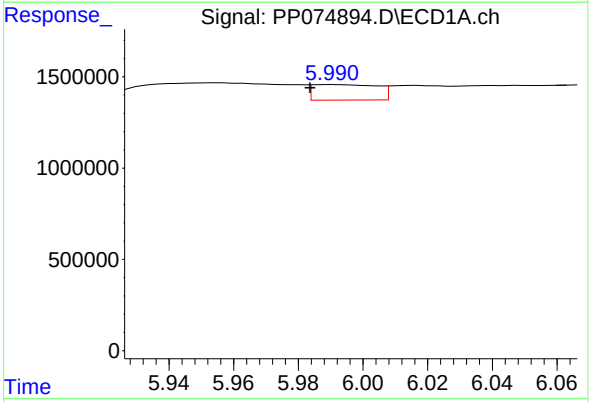
R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 2426572
Conc: 54.03 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



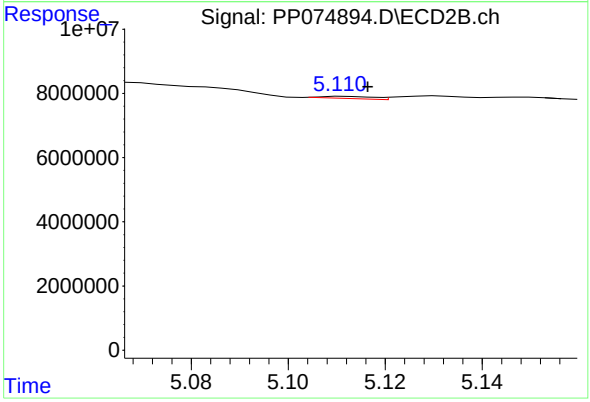

#5 AR-1016-3

R.T.: 5.111 min
Delta R.T.: 0.037 min
Response: 505818
Conc: 3.67 ng/ml



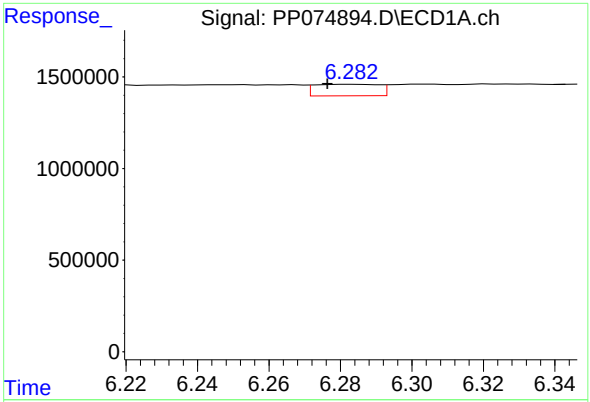

#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: 0.008 min
Response: 1178257
Conc: 33.49 ng/ml




#6 AR-1016-4

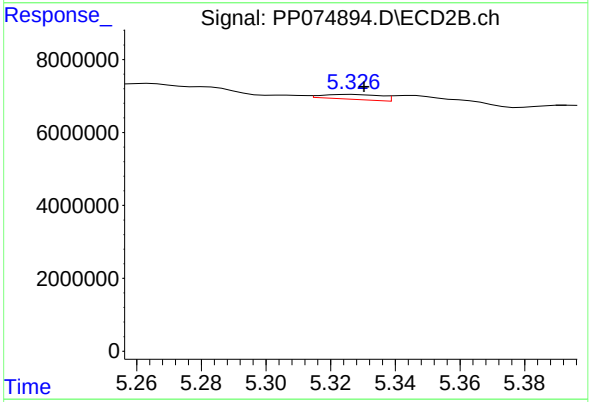
R.T.: 5.111 min
Delta R.T.: -0.005 min
Response: 505818
Conc: 3.62 ng/ml




#7 AR-1016-5

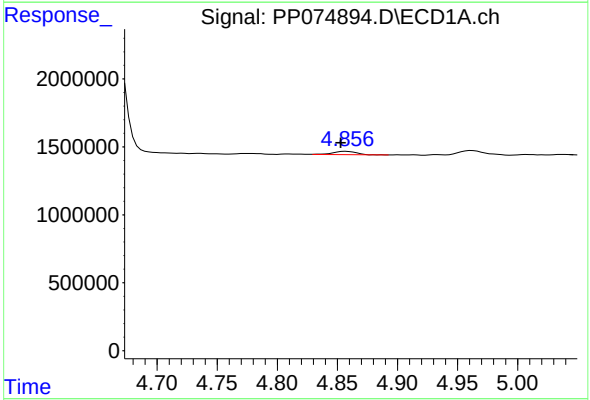
R.T.: 6.284 min
Delta R.T.: 0.007 min
Response: 783673
Conc: 23.61 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



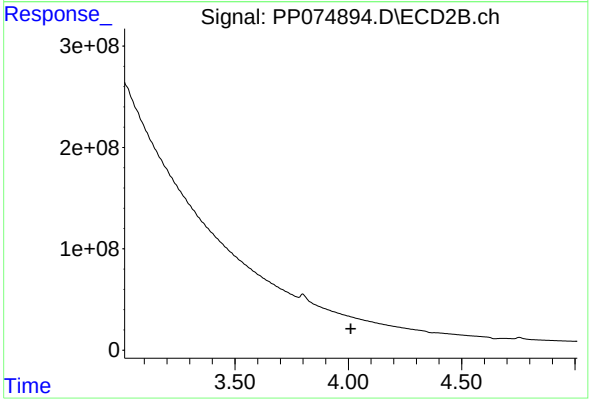

#7 AR-1016-5

R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 1652407
Conc: 9.95 ng/ml



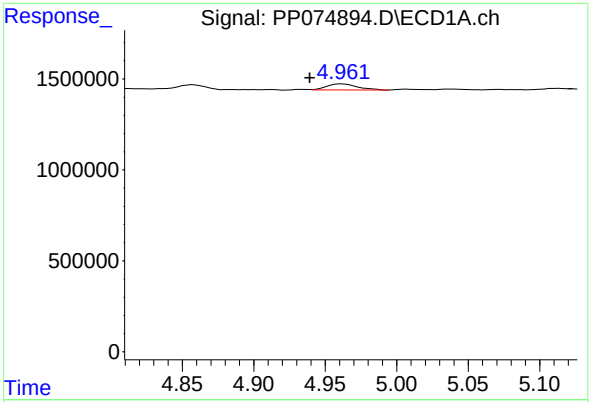

#8 AR-1221-1

R.T.: 4.858 min
Delta R.T.: 0.005 min
Response: 333136
Conc: 18.94 ng/ml




#8 AR-1221-1

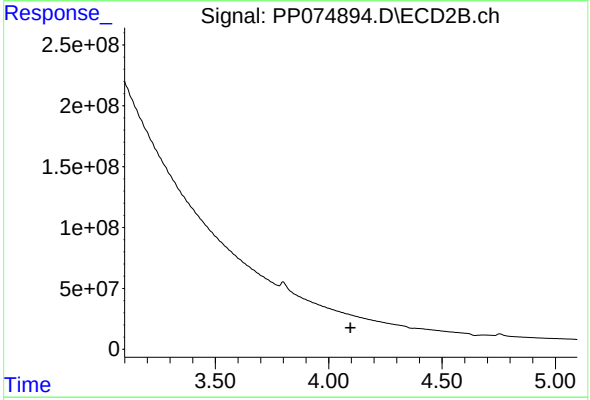
R.T.: 0.000 min
Exp R.T. : 4.011 min
Response: 0
Conc: N.D.




#9 AR-1221-2

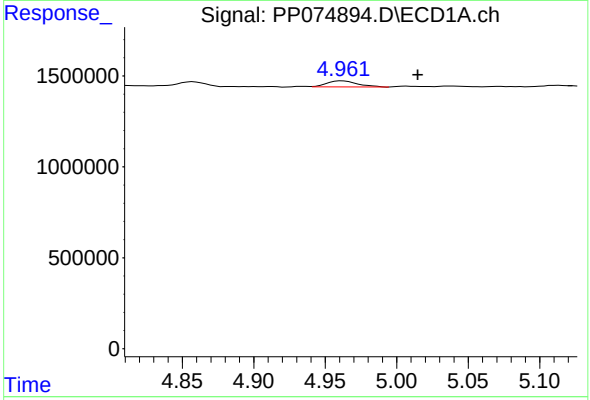
R.T.: 4.962 min
Delta R.T.: 0.023 min
Response: 498651
Conc: 37.33 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



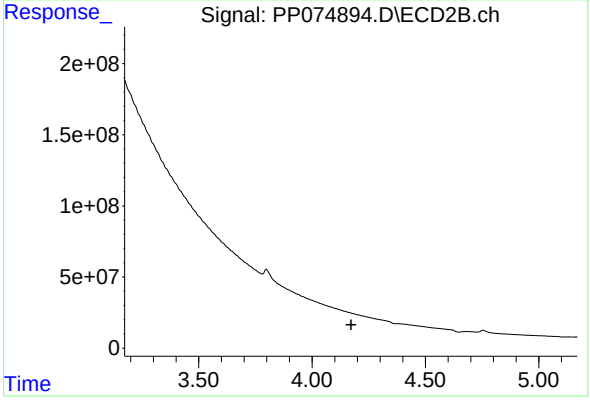

#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.097 min
Response: 0
Conc: N.D.



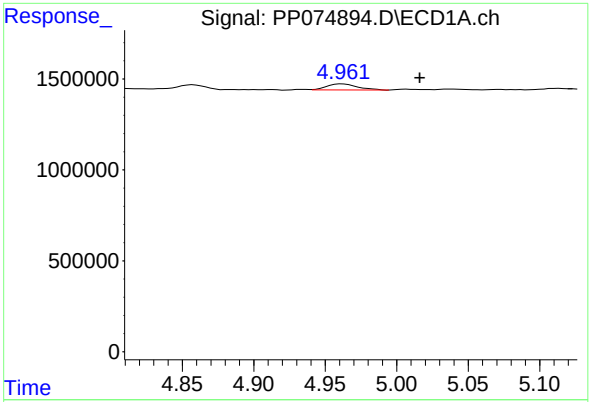

#10 AR-1221-3

R.T.: 4.962 min
Delta R.T.: -0.052 min
Response: 498651
Conc: 13.15 ng/ml




#10 AR-1221-3

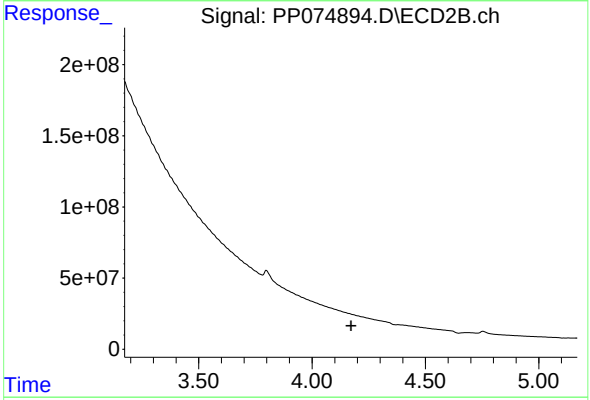
R.T.: 0.000 min
Exp R.T. : 4.173 min
Response: 0
Conc: N.D.




#11 AR-1232-1

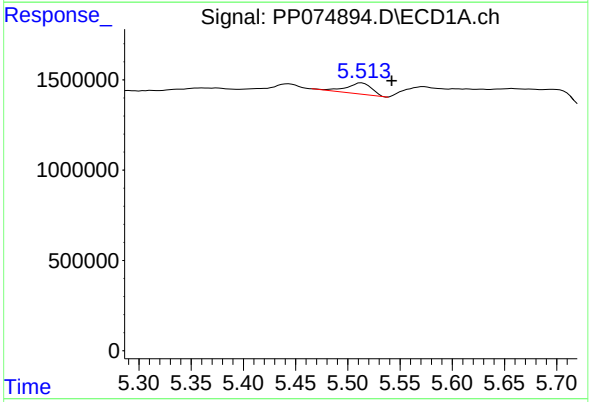
R.T.: 4.962 min
Delta R.T.: -0.054 min
Response: 498651
Conc: 16.42 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



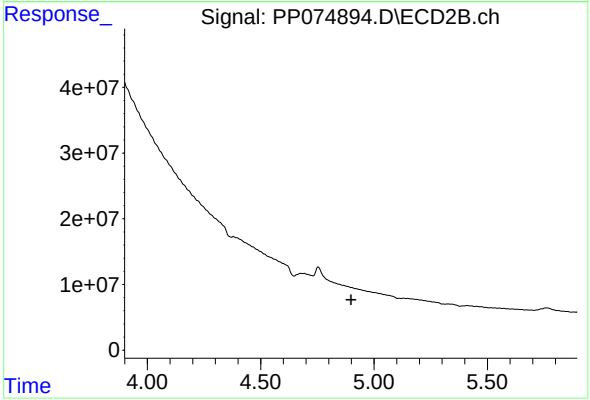

#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.172 min
Response: 0
Conc: N.D.



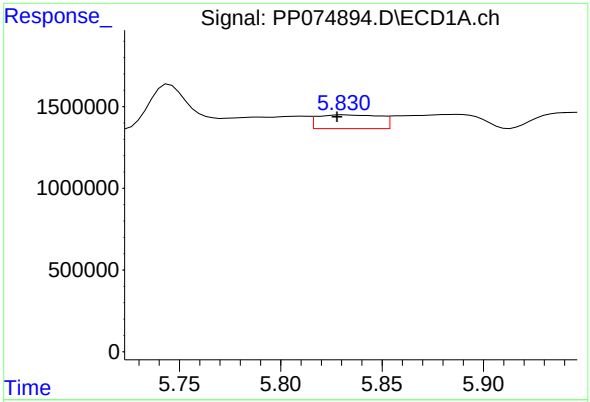

#12 AR-1232-2

R.T.: 5.513 min
Delta R.T.: -0.029 min
Response: 1055553
Conc: 66.98 ng/ml




#12 AR-1232-2

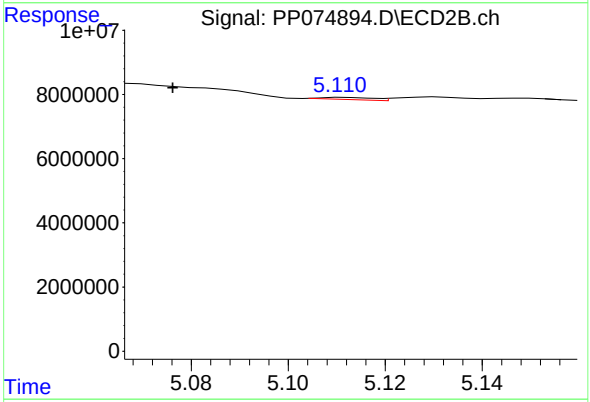
R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.




#13 AR-1232-3

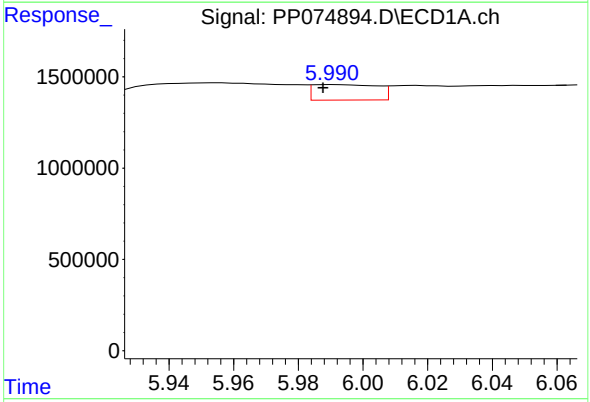
R.T.: 5.831 min
Delta R.T.: 0.003 min
Response: 1800657
Conc: 58.95 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



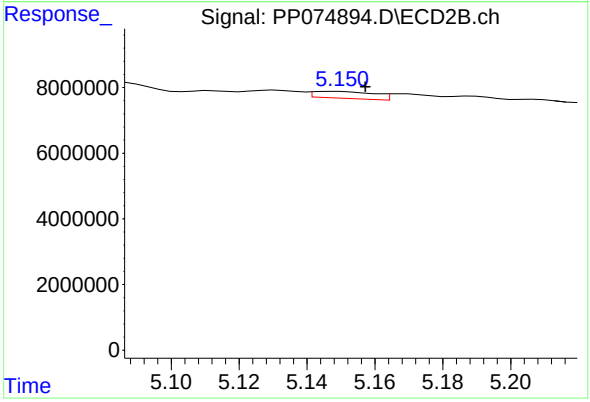

#13 AR-1232-3

R.T.: 5.111 min
Delta R.T.: 0.035 min
Response: 505818
Conc: 8.42 ng/ml



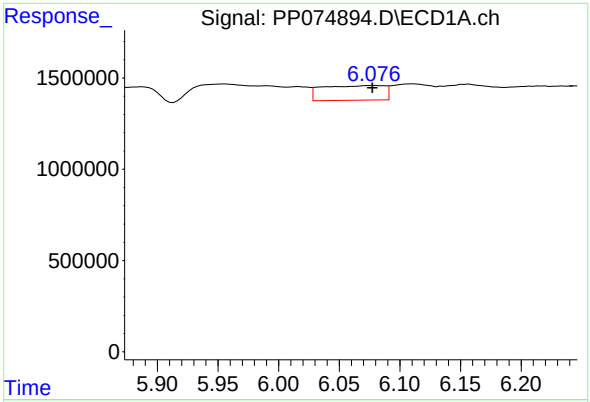

#14 AR-1232-4

R.T.: 5.991 min
Delta R.T.: 0.004 min
Response: 1178257
Conc: 68.23 ng/ml




#14 AR-1232-4

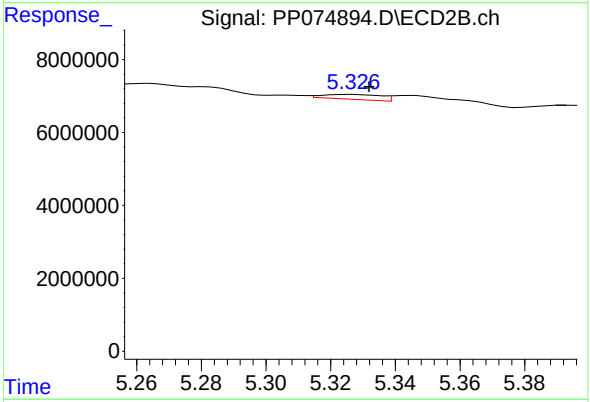
R.T.: 5.149 min
Delta R.T.: -0.009 min
Response: 2607283
Conc: 35.37 ng/ml




#15 AR-1232-5

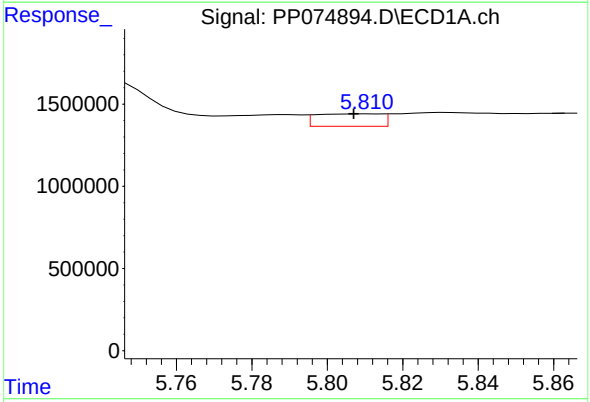
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 2874996
Conc: 221.48 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



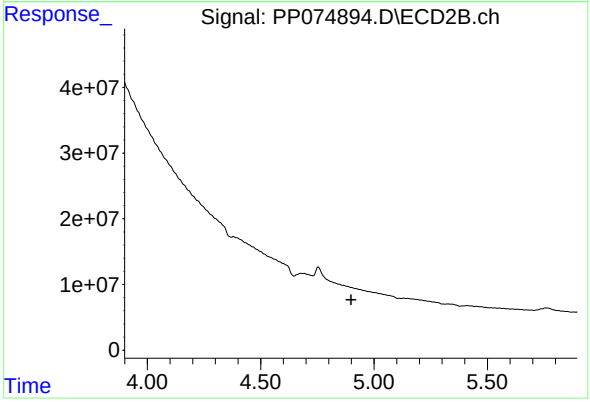

#15 AR-1232-5

R.T.: 5.327 min
Delta R.T.: -0.005 min
Response: 1652407
Conc: 26.62 ng/ml



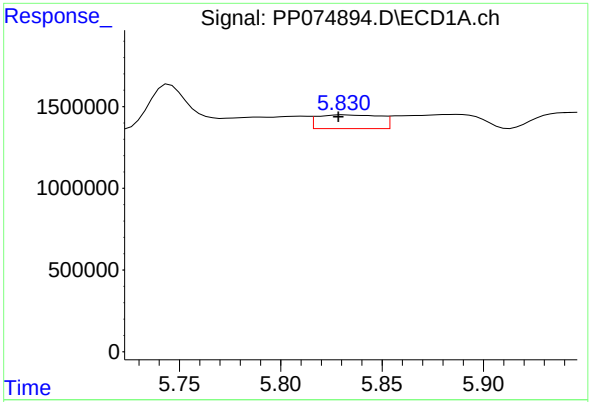

#16 AR-1242-1

R.T.: 5.811 min
Delta R.T.: 0.004 min
Response: 907767
Conc: 23.72 ng/ml




#16 AR-1242-1

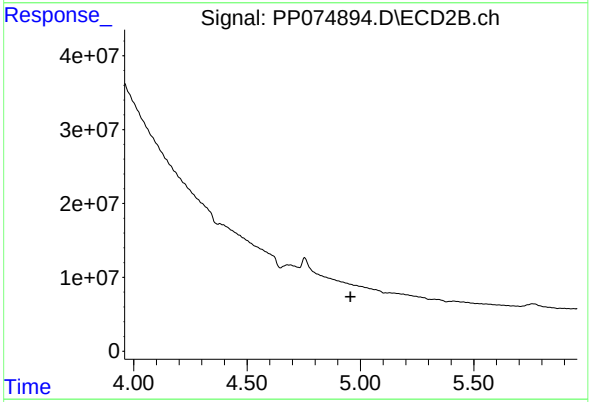
R.T.: 0.000 min
Exp R.T. : 4.900 min
Response: 0
Conc: N.D.




#17 AR-1242-2

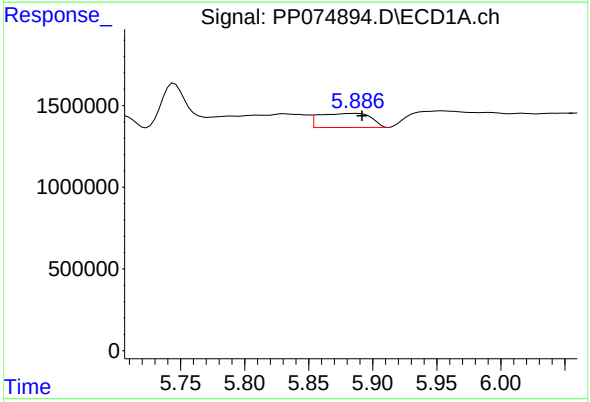
R.T.: 5.831 min
Delta R.T.: 0.003 min
Response: 1800657
Conc: 31.88 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



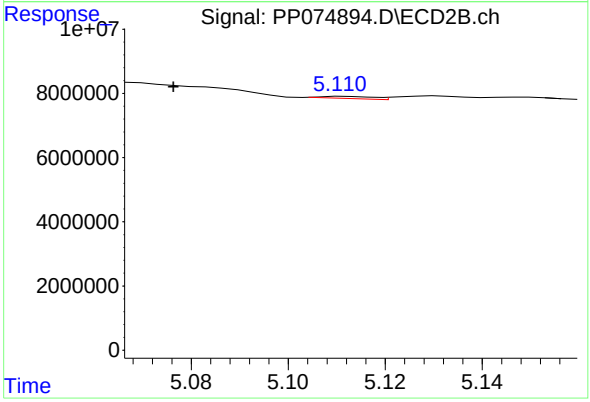

#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.957 min
Response: 0
Conc: N.D.



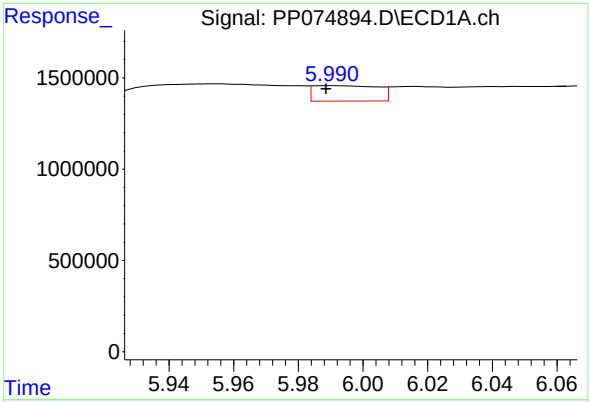

#18 AR-1242-3

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 2426572
Conc: 59.76 ng/ml




#18 AR-1242-3

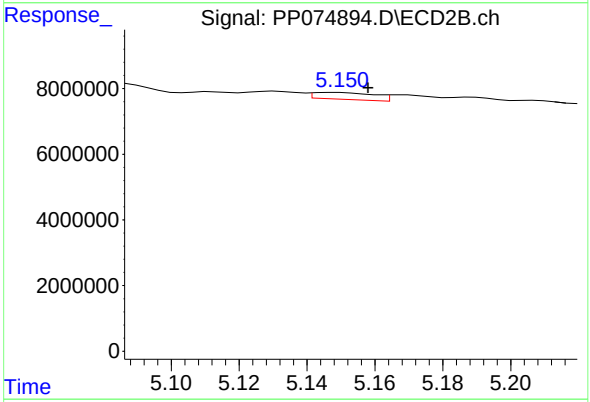
R.T.: 5.111 min
Delta R.T.: 0.035 min
Response: 505818
Conc: 4.28 ng/ml




#19 AR-1242-4

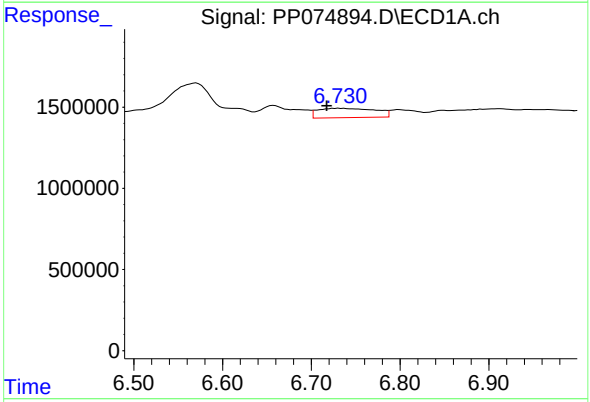
R.T.: 5.991 min
Delta R.T.: 0.003 min
Response: 1178257
Conc: 37.12 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



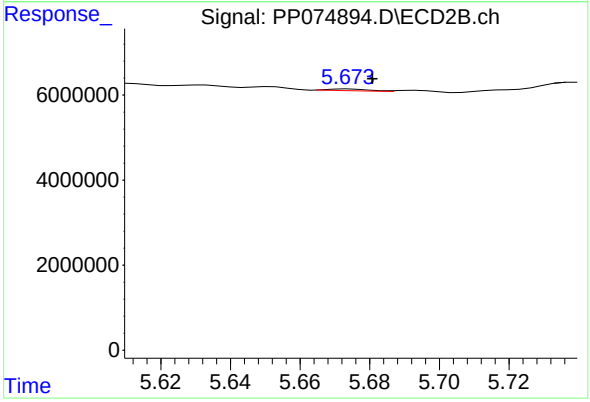

#19 AR-1242-4

R.T.: 5.149 min
Delta R.T.: -0.009 min
Response: 2607283
Conc: 15.23 ng/ml



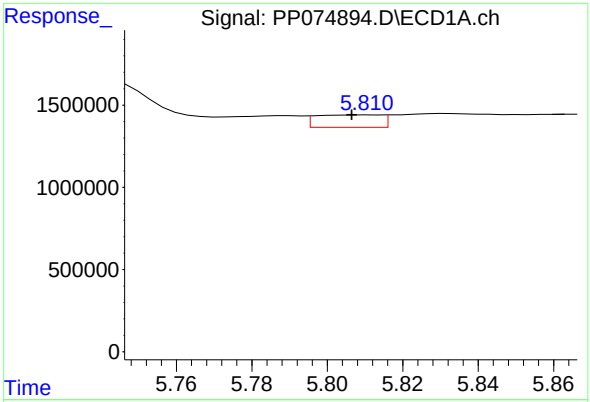

#20 AR-1242-5

R.T.: 6.732 min
Delta R.T.: 0.014 min
Response: 2590691
Conc: 71.82 ng/ml




#20 AR-1242-5

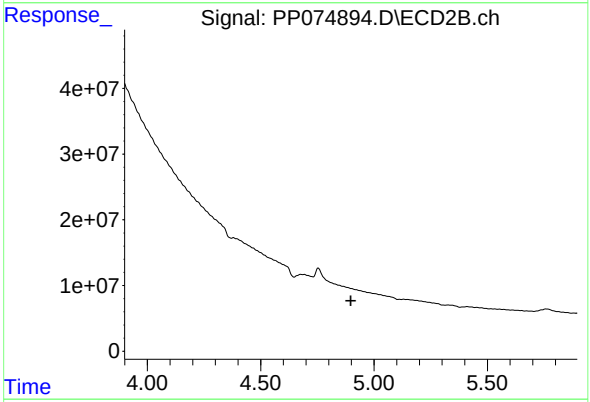
R.T.: 5.674 min
Delta R.T.: -0.006 min
Response: 359809
Conc: 1.94 ng/ml




#21 AR-1248-1

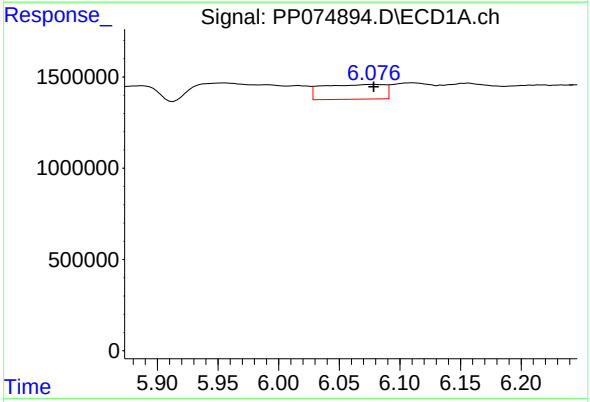
R.T.: 5.811 min
Delta R.T.: 0.005 min
Response: 907767
Conc: 30.03 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



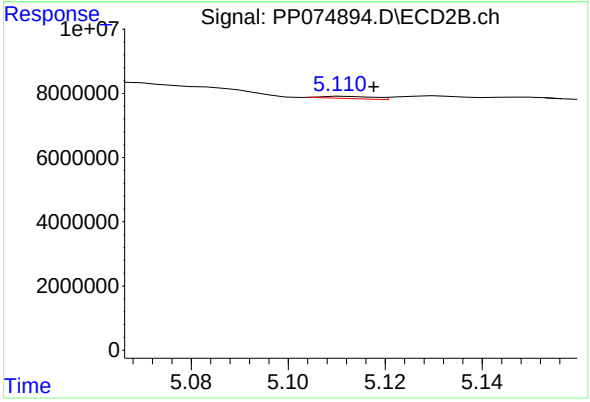

#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



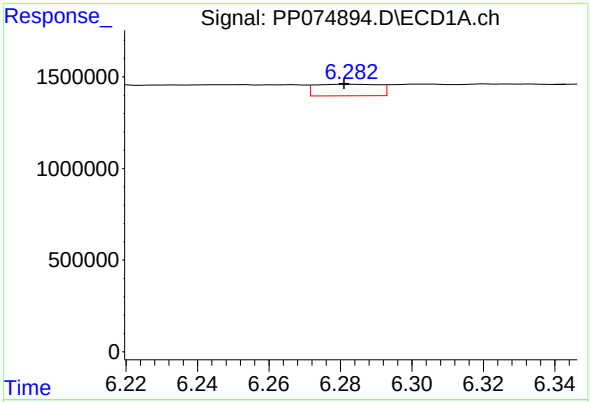

#22 AR-1248-2

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 2874996
Conc: 66.71 ng/ml




#22 AR-1248-2

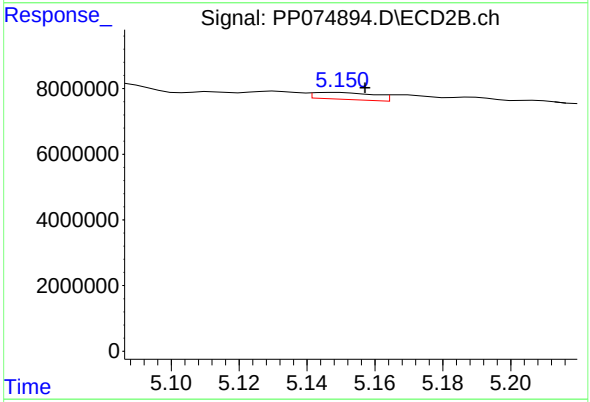
R.T.: 5.111 min
Delta R.T.: -0.006 min
Response: 505818
Conc: 2.86 ng/ml




#23 AR-1248-3

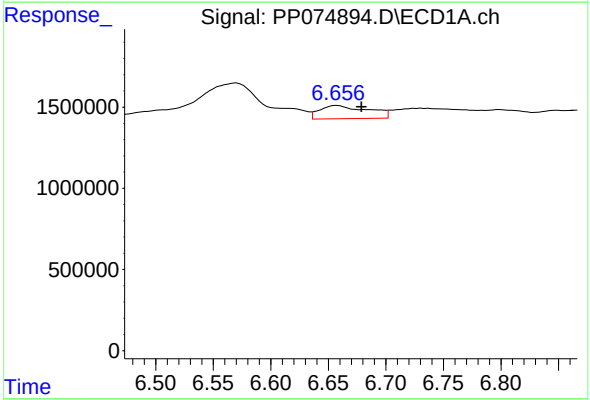
R.T.: 6.284 min
Delta R.T.: 0.003 min
Response: 783673
Conc: 16.78 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



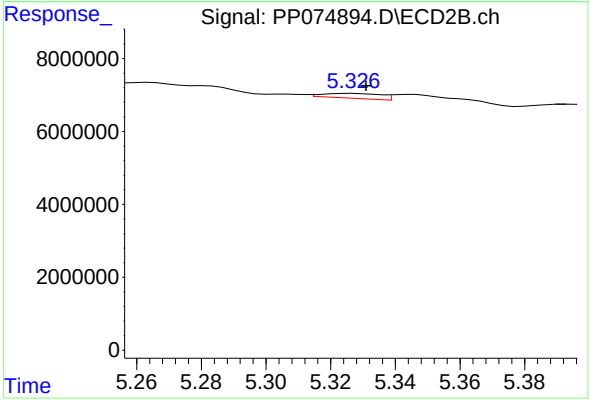

#23 AR-1248-3

R.T.: 5.149 min
Delta R.T.: -0.009 min
Response: 2607283
Conc: 11.48 ng/ml



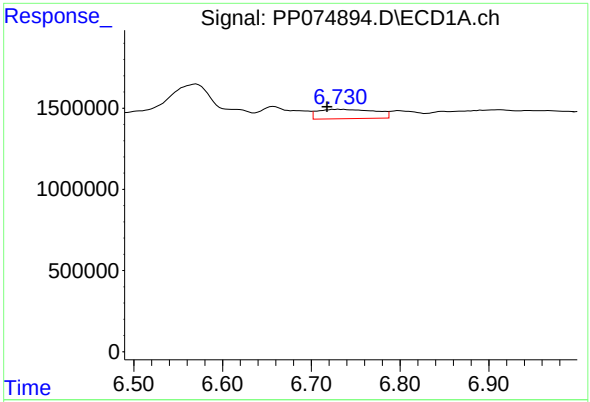

#24 AR-1248-4

R.T.: 6.658 min
Delta R.T.: -0.021 min
Response: 2379147
Conc: 43.26 ng/ml




#24 AR-1248-4

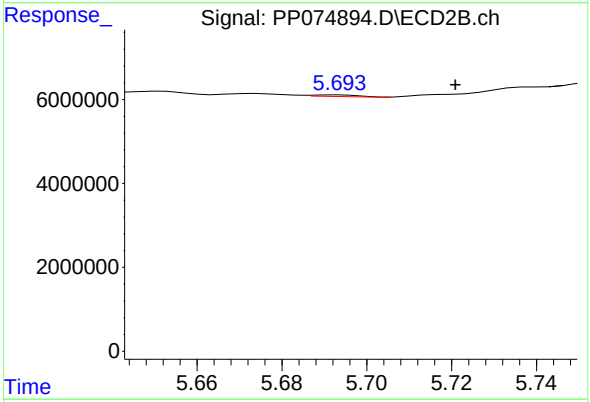
R.T.: 5.327 min
Delta R.T.: -0.004 min
Response: 1652407
Conc: 7.58 ng/ml




#25 AR-1248-5

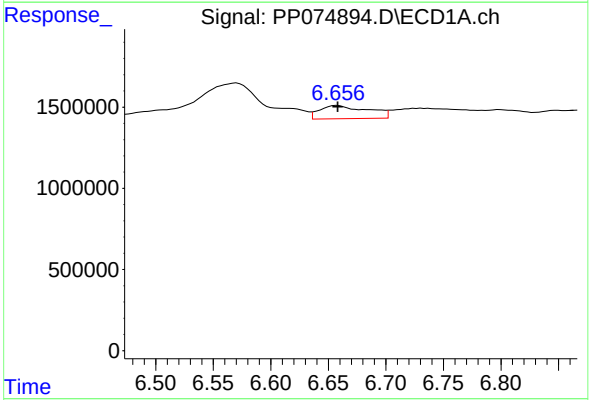
R.T.: 6.732 min
Delta R.T.: 0.014 min
Response: 2590691
Conc: 46.70 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



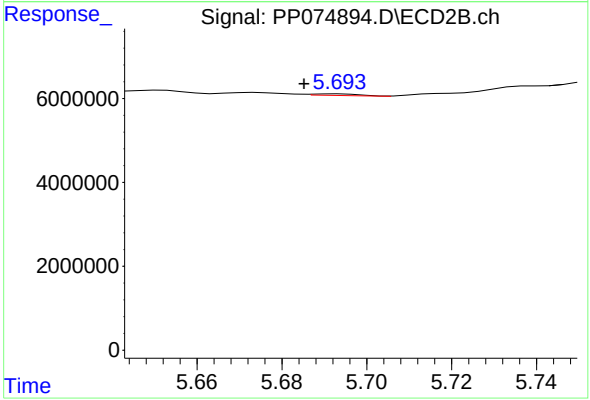

#25 AR-1248-5

R.T.: 5.694 min
Delta R.T.: -0.027 min
Response: 307591
Conc: 0.84 ng/ml



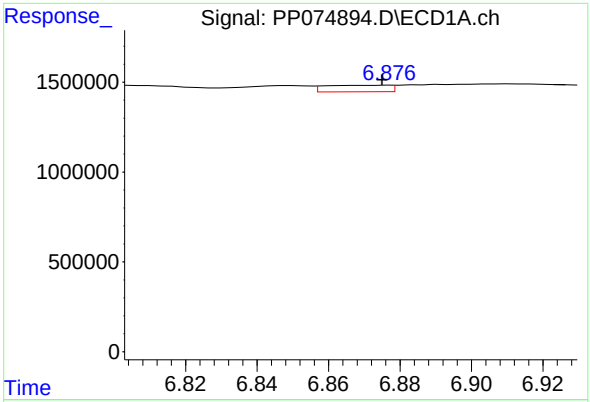

#26 AR-1254-1

R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 2379147
Conc: 40.83 ng/ml




#26 AR-1254-1

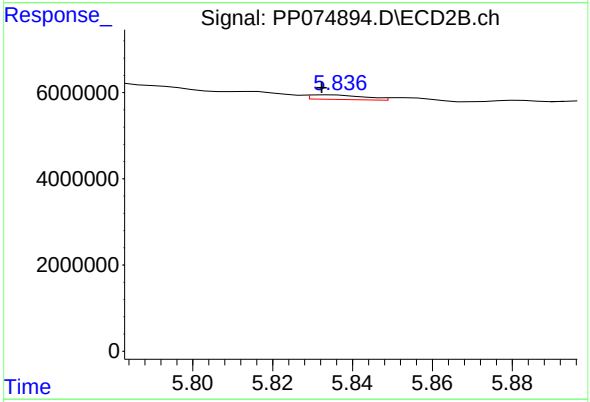
R.T.: 5.694 min
Delta R.T.: 0.009 min
Response: 307591
Conc: 0.65 ng/ml




#27 AR-1254-2

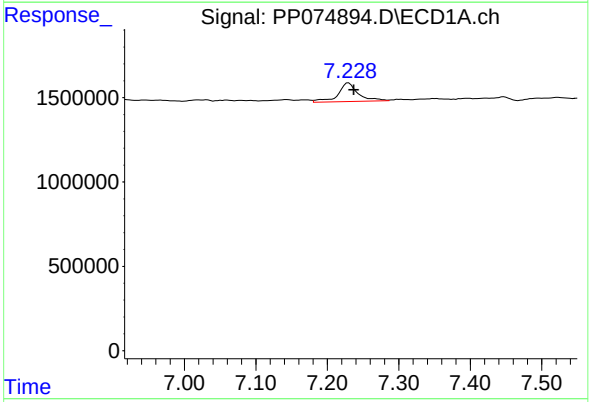
R.T.: 6.869 min
Delta R.T.: -0.005 min
Response: 452725
Conc: 5.55 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



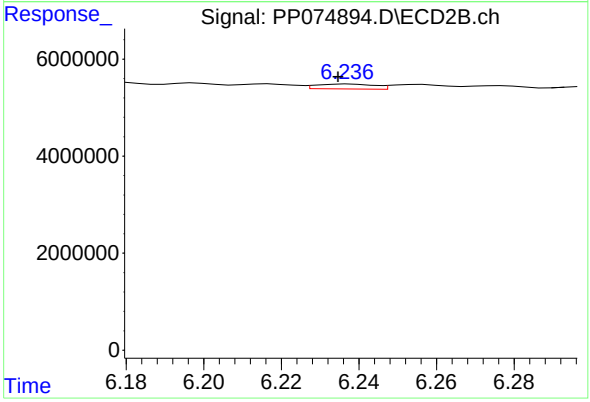

#27 AR-1254-2

R.T.: 5.835 min
Delta R.T.: 0.002 min
Response: 1021181
Conc: 2.90 ng/ml



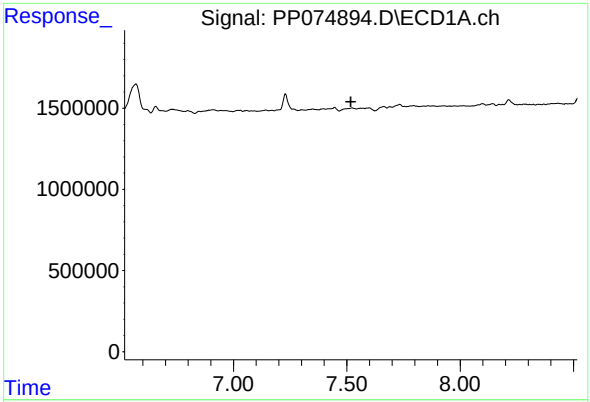

#28 AR-1254-3

R.T.: 7.230 min
Delta R.T.: -0.007 min
Response: 2159153
Conc: 24.20 ng/ml




#28 AR-1254-3

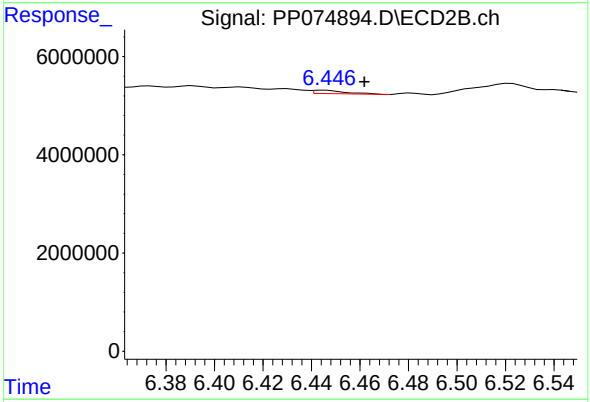
R.T.: 6.237 min
Delta R.T.: 0.003 min
Response: 1067592
Conc: 1.72 ng/ml




#29 AR-1254-4

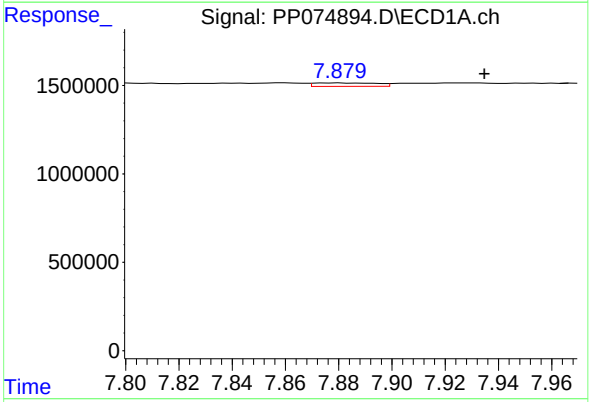
R.T.: 7.523 min
Delta R.T.: 0.005 min
Response: -94677
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



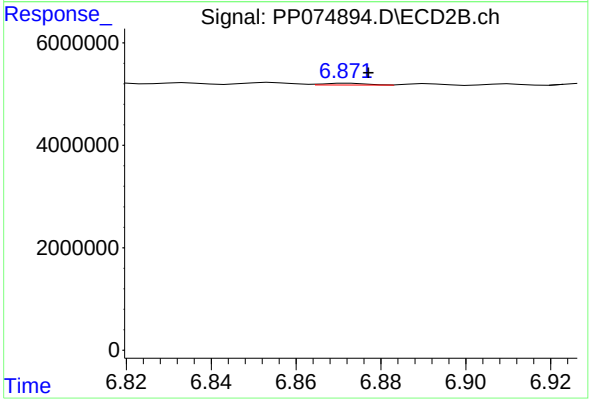

#29 AR-1254-4

R.T.: 6.445 min
Delta R.T.: -0.017 min
Response: 639183
Conc: 1.36 ng/ml



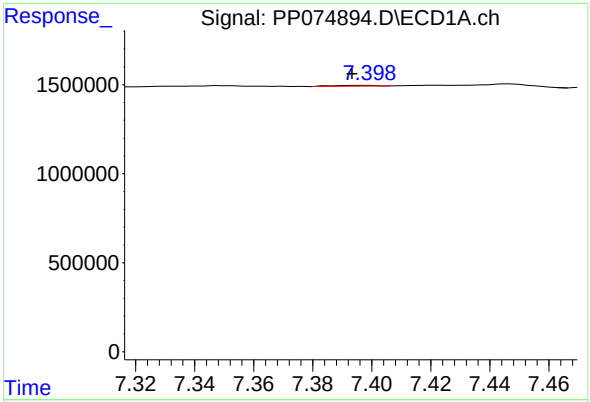

#30 AR-1254-5

R.T.: 7.881 min
Delta R.T.: -0.054 min
Response: 325284
Conc: 3.92 ng/ml




#30 AR-1254-5

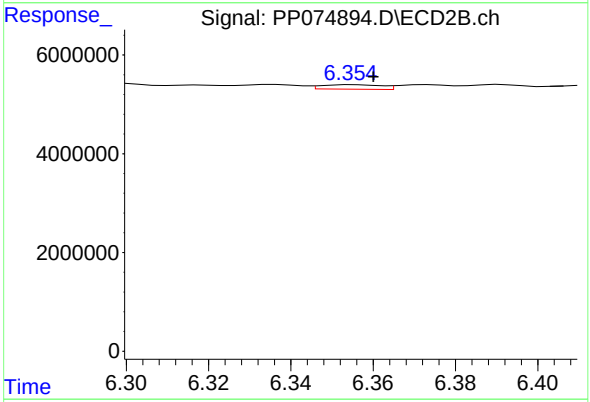
R.T.: 6.873 min
Delta R.T.: -0.004 min
Response: 241773
Conc: 0.49 ng/ml




#31 AR-1260-1

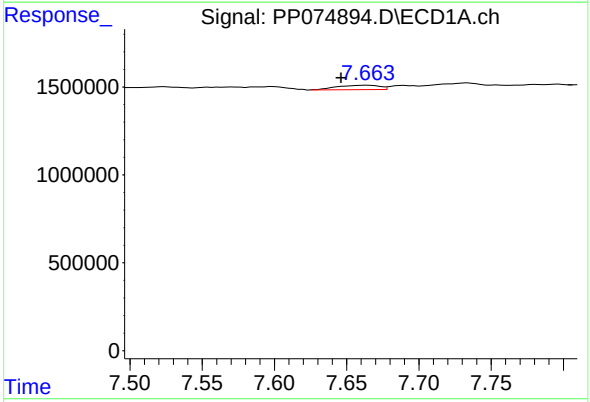
R.T.: 7.399 min
Delta R.T.: 0.006 min
Response: 44397
Conc: 0.77 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



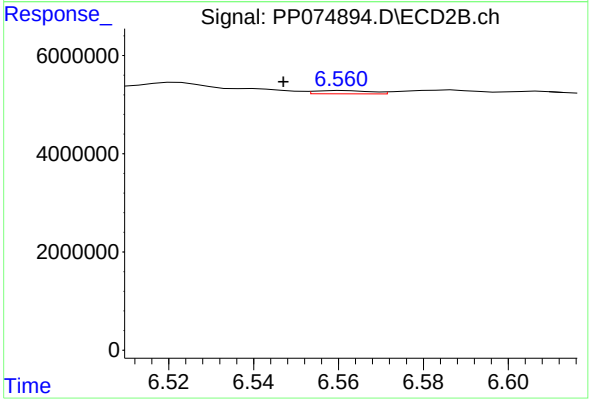

#31 AR-1260-1

R.T.: 6.355 min
Delta R.T.: -0.005 min
Response: 938679
Conc: 2.50 ng/ml



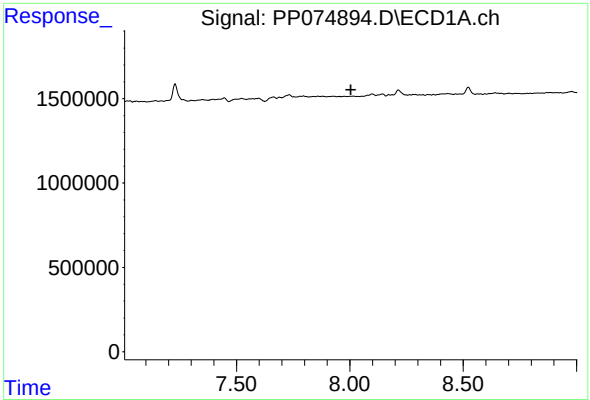

#32 AR-1260-2

R.T.: 7.665 min
Delta R.T.: 0.019 min
Response: 517435
Conc: 7.51 ng/ml




#32 AR-1260-2

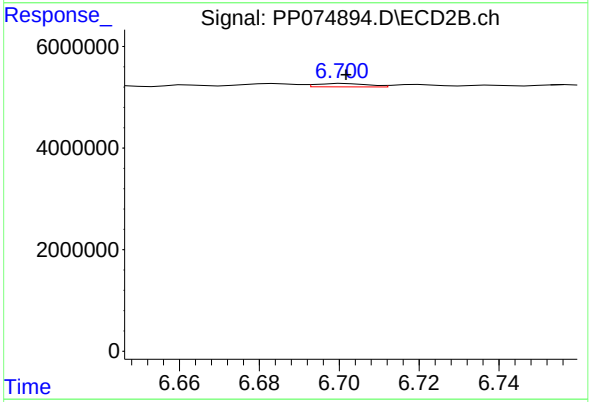
R.T.: 6.561 min
Delta R.T.: 0.014 min
Response: 611512
Conc: 1.16 ng/ml




#33 AR-1260-3

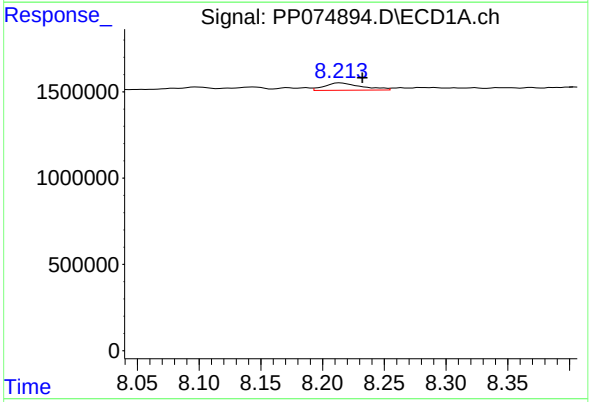
R.T.: 0.000 min
Exp R.T. : 8.005 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



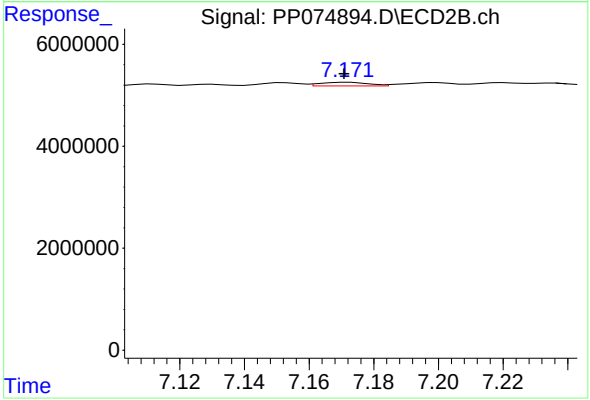

#33 AR-1260-3

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 588933
Conc: 1.36 ng/ml



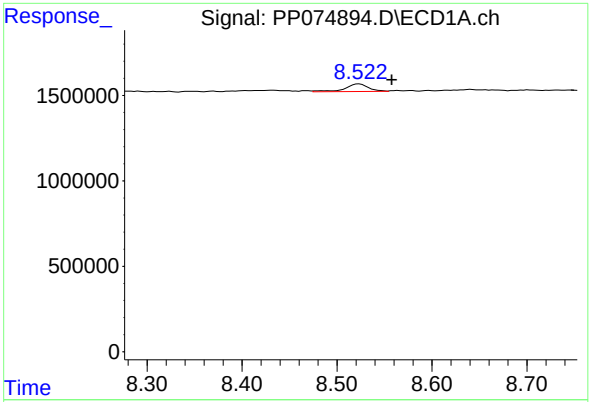

#34 AR-1260-4

R.T.: 8.214 min
Delta R.T.: -0.018 min
Response: 873147
Conc: 13.69 ng/ml




#34 AR-1260-4

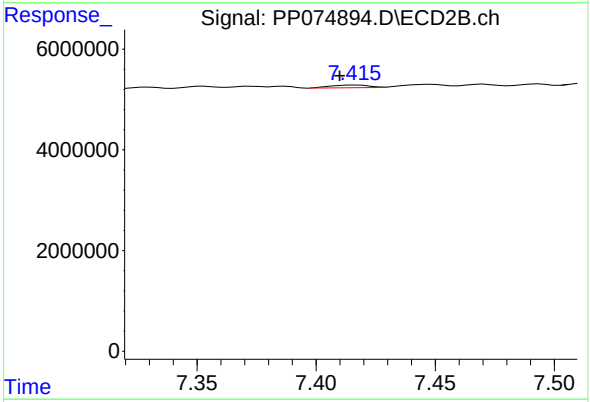
R.T.: 7.172 min
Delta R.T.: 0.001 min
Response: 749330
Conc: 1.96 ng/ml




#35 AR-1260-5

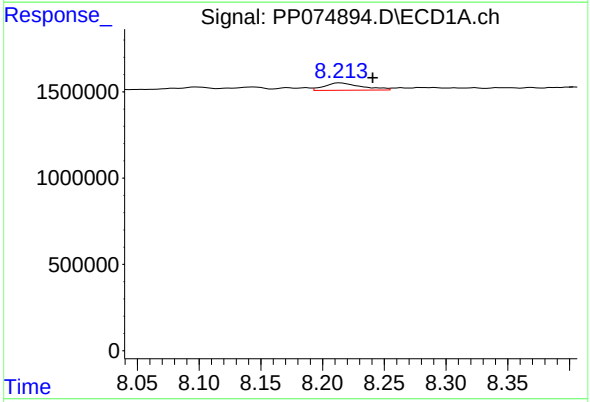
R.T.: 8.523 min
Delta R.T.: -0.034 min
Response: 762710
Conc: 6.73 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



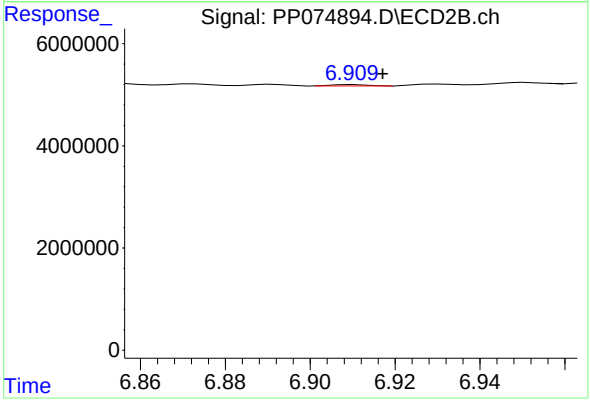

#35 AR-1260-5

R.T.: 7.416 min
Delta R.T.: 0.006 min
Response: 607596
Conc: 0.60 ng/ml



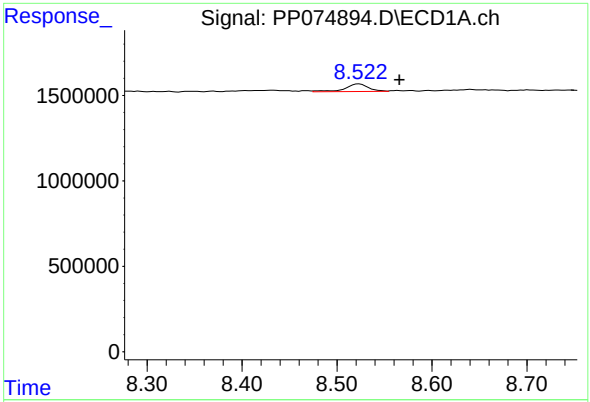

#36 AR-1262-1

R.T.: 8.214 min
Delta R.T.: -0.026 min
Response: 873147
Conc: 11.34 ng/ml




#36 AR-1262-1

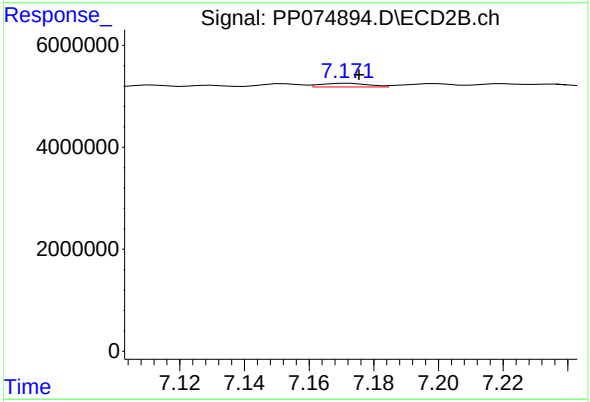
R.T.: 6.911 min
Delta R.T.: -0.007 min
Response: 142776
Conc: 0.20 ng/ml




#37 AR-1262-2

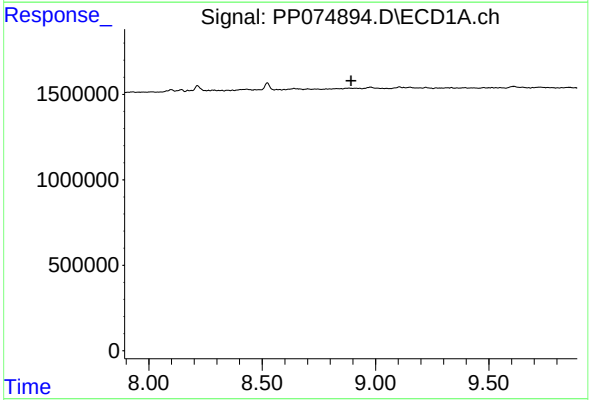
R.T.: 8.523 min
Delta R.T.: -0.042 min
Response: 762710
Conc: 5.76 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



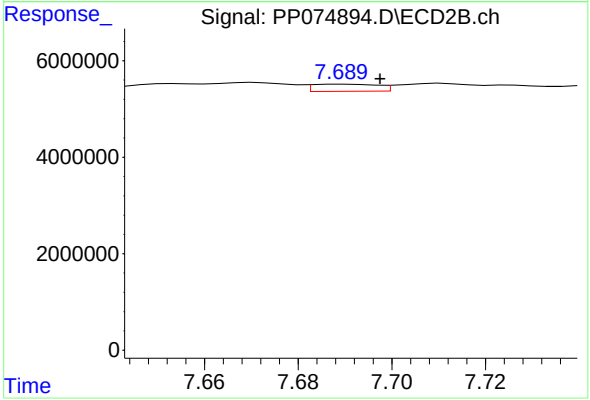

#37 AR-1262-2

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 749330
Conc: 1.44 ng/ml



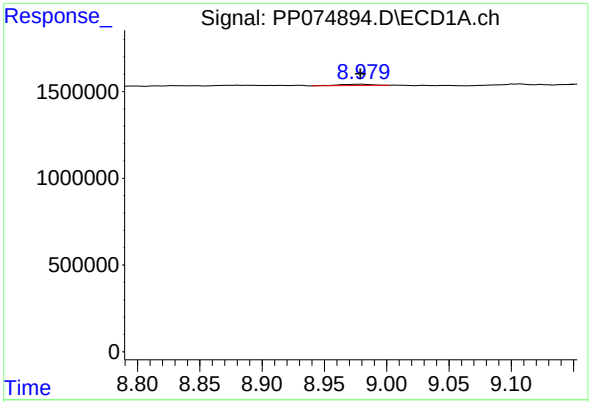

#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.892 min
Response: 0
Conc: N.D.




#38 AR-1262-3

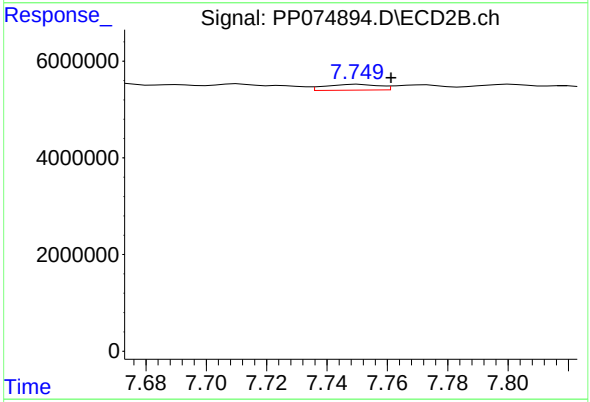
R.T.: 7.690 min
Delta R.T.: -0.008 min
Response: 1423045
Conc: 3.05 ng/ml




#39 AR-1262-4

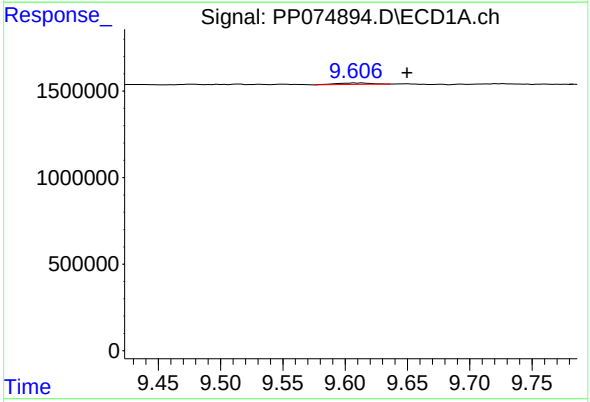
R.T.: 8.980 min
Delta R.T.: 0.002 min
Response: 134797
Conc: 1.79 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



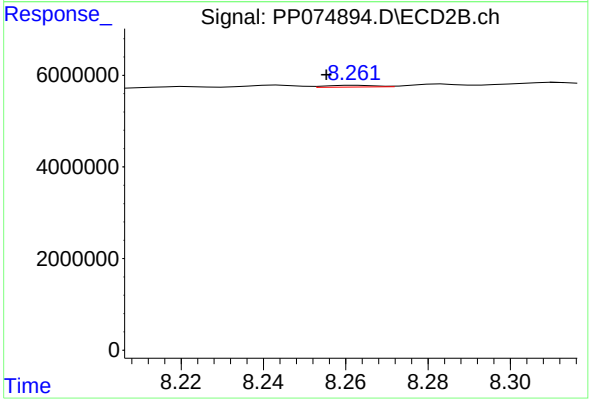

#39 AR-1262-4

R.T.: 7.751 min
Delta R.T.: -0.011 min
Response: 1484479
Conc: 1.81 ng/ml



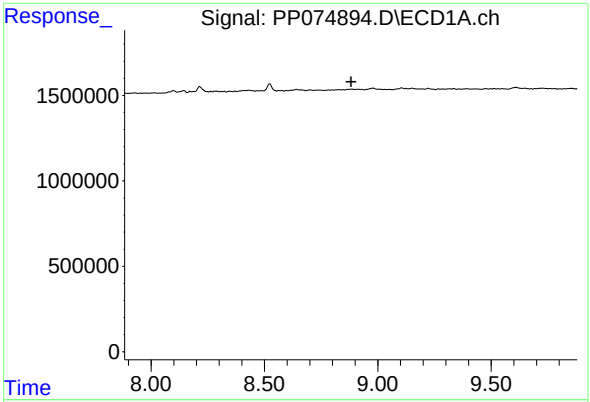

#40 AR-1262-5

R.T.: 9.608 min
Delta R.T.: -0.042 min
Response: 157923
Conc: 2.59 ng/ml




#40 AR-1262-5

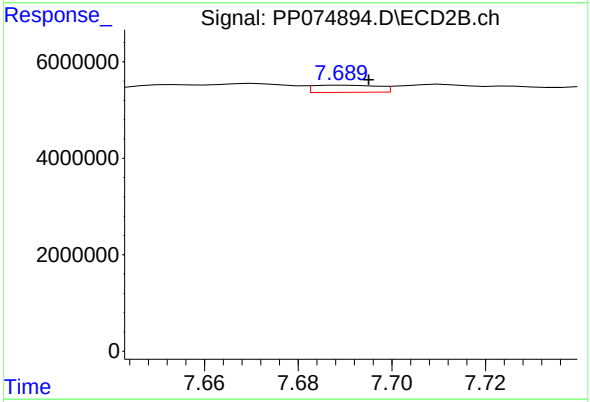
R.T.: 8.263 min
Delta R.T.: 0.007 min
Response: 320530
Conc: 0.89 ng/ml




#41 AR-1268-1

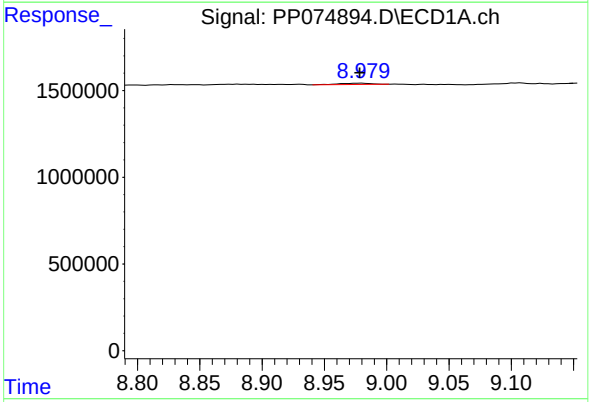
R.T.: 0.000 min
Exp R.T. : 8.883 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



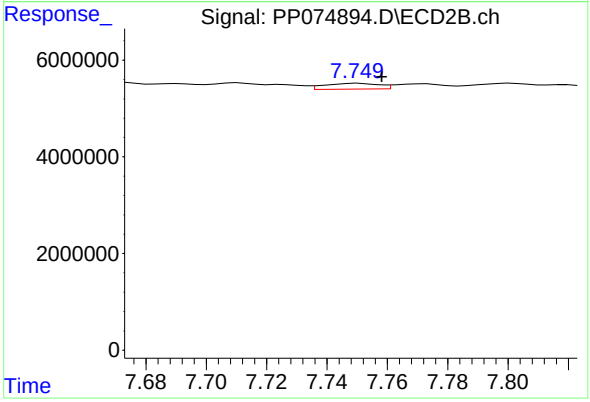

#41 AR-1268-1

R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 1423045
Conc: 1.01 ng/ml



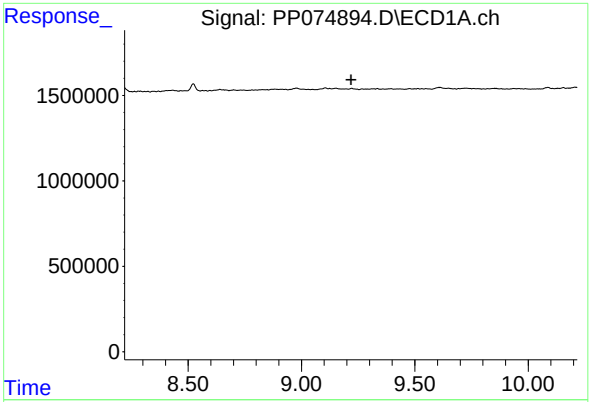

#42 AR-1268-2

R.T.: 8.980 min
Delta R.T.: 0.002 min
Response: 134797
Conc: 0.92 ng/ml




#42 AR-1268-2

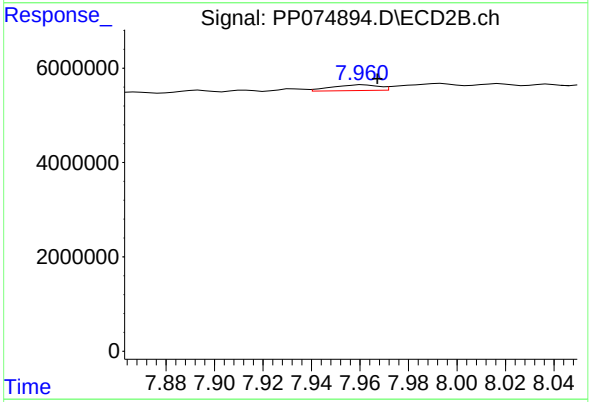
R.T.: 7.751 min
Delta R.T.: -0.008 min
Response: 1484479
Conc: 1.09 ng/ml




#43 AR-1268-3

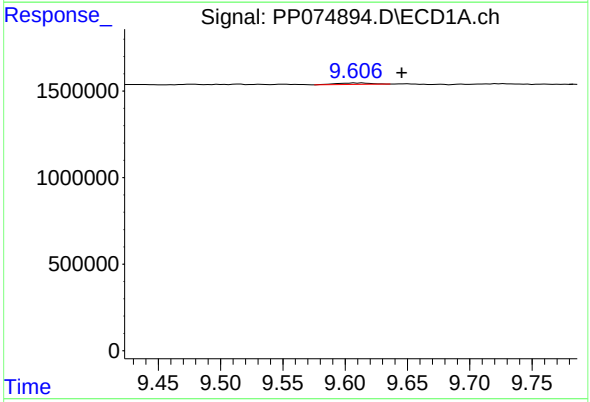
R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903



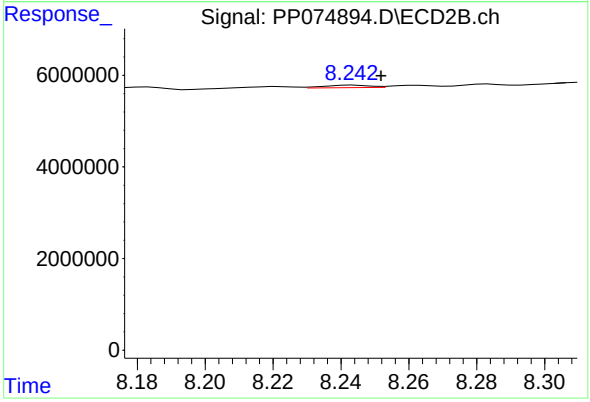

#43 AR-1268-3

R.T.: 7.961 min
Delta R.T.: -0.006 min
Response: 1633242
Conc: 1.57 ng/ml



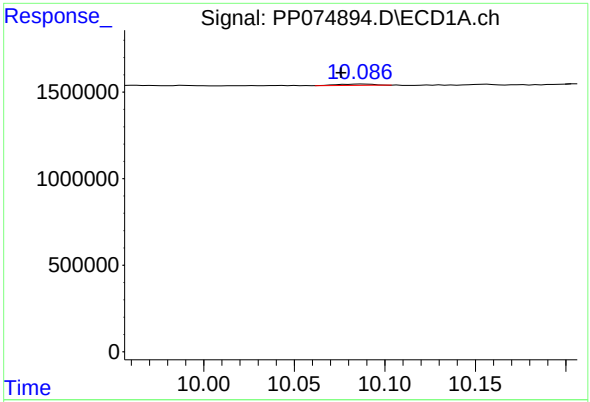

#44 AR-1268-4

R.T.: 9.608 min
Delta R.T.: -0.038 min
Response: 157923
Conc: 2.35 ng/ml




#44 AR-1268-4

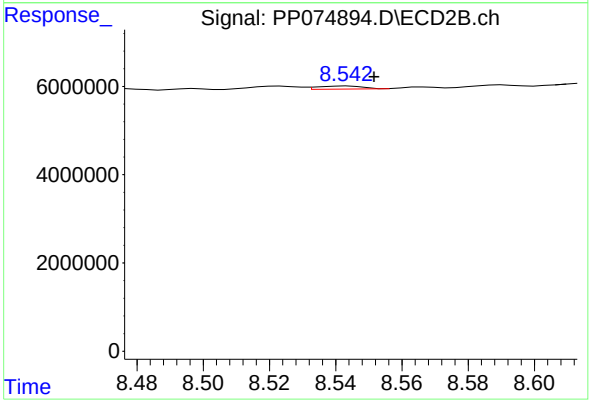
R.T.: 8.244 min
Delta R.T.: -0.008 min
Response: 491113
Conc: 1.28 ng/ml




#45 AR-1268-5

R.T.: 10.088 min
Delta R.T.: 0.012 min
Response: 99606
Conc: 0.27 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-077-IDWGW-20250903




#45 AR-1268-5

R.T.: 8.544 min
Delta R.T.: -0.008 min
Response: 673233
Conc: 0.21 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:02
Operator : YP\AJ
Sample : Q3017-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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 | | | | | | | |
| 2) | SA Decachlor... | 10.435 | 8.808 | 17969567 | 110.1E6 | 18.197 | 14.684 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.823 | 0.000 | 613479 | 0 | 13.915 | N.D. | # |
| 4) | L1 AR-1016-2 | 5.823 | 0.000 | 613479 | 0 | 9.762 | N.D. | # |
| 5) | L1 AR-1016-3 | 5.907 | 5.125f | 945647 | 3411588 | 21.055 | 24.739 | |
| 6) | L1 AR-1016-4 | 6.008 | 5.125 | 156179 | 3411588 | 4.439 | 24.403 | # |
| 7) | L1 AR-1016-5 | 0.000 | 5.326 | 0 | 900459 | N.D. | 5.422 | # |
| 8) | L2 AR-1221-1 | 4.855 | 0.000 | 885060 | 0 | 50.308 | N.D. | # |
| 9) | L2 AR-1221-2 | 4.960 | 0.000 | 635732 | 0 | 47.595 | N.D. | # |
| 10) | L2 AR-1221-3 | 4.960f | 0.000 | 635732 | 0 | 16.768 | N.D. | # |
| 11) | L3 AR-1232-1 | 4.960f | 0.000 | 635732 | 0 | 20.930 | N.D. | # |
| 12) | L3 AR-1232-2 | 5.512 | 0.000 | 314546 | 0 | 19.961 | N.D. | # |
| 13) | L3 AR-1232-3 | 5.823 | 5.125f | 613479 | 3411588 | 20.085 | 56.803 | # |
| 14) | L3 AR-1232-4 | 6.008 | 5.125 | 156179 | 3411588 | 9.044 | 46.286 | # |
| 15) | L3 AR-1232-5 | 6.074 | 5.326 | 493118 | 900459 | 37.988 | 14.504 | # |
| 16) | L4 AR-1242-1 | 5.823 | 0.000 | 613479 | 0 | 16.028 | N.D. | # |
| 17) | L4 AR-1242-2 | 5.823 | 0.000 | 613479 | 0 | 10.861 | N.D. | # |
| 18) | L4 AR-1242-3 | 5.907 | 5.125f | 945647 | 3411588 | 23.290 | 28.839 | |
| 19) | L4 AR-1242-4 | 6.008 | 5.125 | 156179 | 3411588 | 4.920 | 19.932 | # |
| 20) | L4 AR-1242-5 | 6.752 | 5.662 | 1011103 | 303841 | 28.031 | 1.641 | # |
| 21) | L5 AR-1248-1 | 5.823 | 0.000 | 613479 | 0 | 20.298 | N.D. | # |
| 22) | L5 AR-1248-2 | 6.074 | 5.125 | 493118 | 3411588 | 11.442 | 19.301 | # |
| 23) | L5 AR-1248-3 | 0.000 | 5.125 | 0 | 3411588 | N.D. | 15.016 | # |
| 24) | L5 AR-1248-4 | 6.654 | 5.326 | 843013 | 900459 | 15.327 | 4.130 | # |
| 25) | L5 AR-1248-5 | 6.752 | 5.748 | 1011103 | 6831528 | 18.228 | 18.598 | |
| 26) | L6 AR-1254-1 | 6.654 | 5.662 | 843013 | 303841 | 14.468 | 0.637 | # |
| 27) | L6 AR-1254-2 | 6.886 | 5.882f | 247902 | 431870 | 3.037 | 1.226 | # |
| 28) | L6 AR-1254-3 | 7.228 | 6.232 | 1622721 | 408811 | 18.191 | 0.660 | # |
| 29) | L6 AR-1254-4 | 7.546 | 6.477 | 153299 | 142666 | 2.326 | 0.304 | # |
| 30) | L6 AR-1254-5 | 7.935 | 6.878 | 304988 | 189405 | 3.671 | 0.386 | # |
| 31) | L7 AR-1260-1 | 7.388 | 6.352 | 42847 | 487399 | 0.741 | 1.299 | # |
| 32) | L7 AR-1260-2 | 7.657 | 6.559 | 456047 | 470669 | 6.617 | 0.890 | # |
| 33) | L7 AR-1260-3 | 7.935f | 6.696 | 304988 | 579455 | 5.878 | 1.338 | # |
| 34) | L7 AR-1260-4 | 8.213 | 7.180 | 401853 | 287380 | 6.299 | 0.753 | # |
| 35) | L7 AR-1260-5 | 8.522f | 7.419 | 159333 | 236836 | 1.405 | 0.236 | # |
| 36) | L8 AR-1262-1 | 8.213 | 6.920 | 401853 | 240828 | 5.218 | 0.341 | # |
| 37) | L8 AR-1262-2 | 8.522f | 7.180 | 159333 | 287380 | 1.204 | 0.552 | # |
| 38) | L8 AR-1262-3 | 0.000 | 7.704 | 0 | 611524 | N.D. | 1.311 | # |
| 39) | L8 AR-1262-4 | 0.000 | 7.769 | 0 | 486409 | N.D. | 0.592 | # |
| 40) | L8 AR-1262-5 | 0.000 | 8.260 | 0 | 273976 | N.D. | 0.765 | # |
| 41) | L9 AR-1268-1 | 0.000 | 7.689 | 0 | 683540 | N.D. | 0.485 | # |
| 42) | L9 AR-1268-2 | 0.000 | 7.750 | 0 | 922811 | N.D. | 0.677 | # |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:02
Operator : YP\AJ
Sample : Q3017-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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 |
|---|---|---|---|---|---|---|---|
| 43) L9 | AR-1268-3 | 0.000 | 7.965 | 0 | 673026 | N.D. | 0.645 # |
| 44) L9 | AR-1268-4 | 0.000 | 8.260 | 0 | 273976 | N.D. | 0.715 # |
| 45) L9 | AR-1268-5 | 10.081 | 8.545 | 203205 | 610683 | 0.549 | 0.195 # |

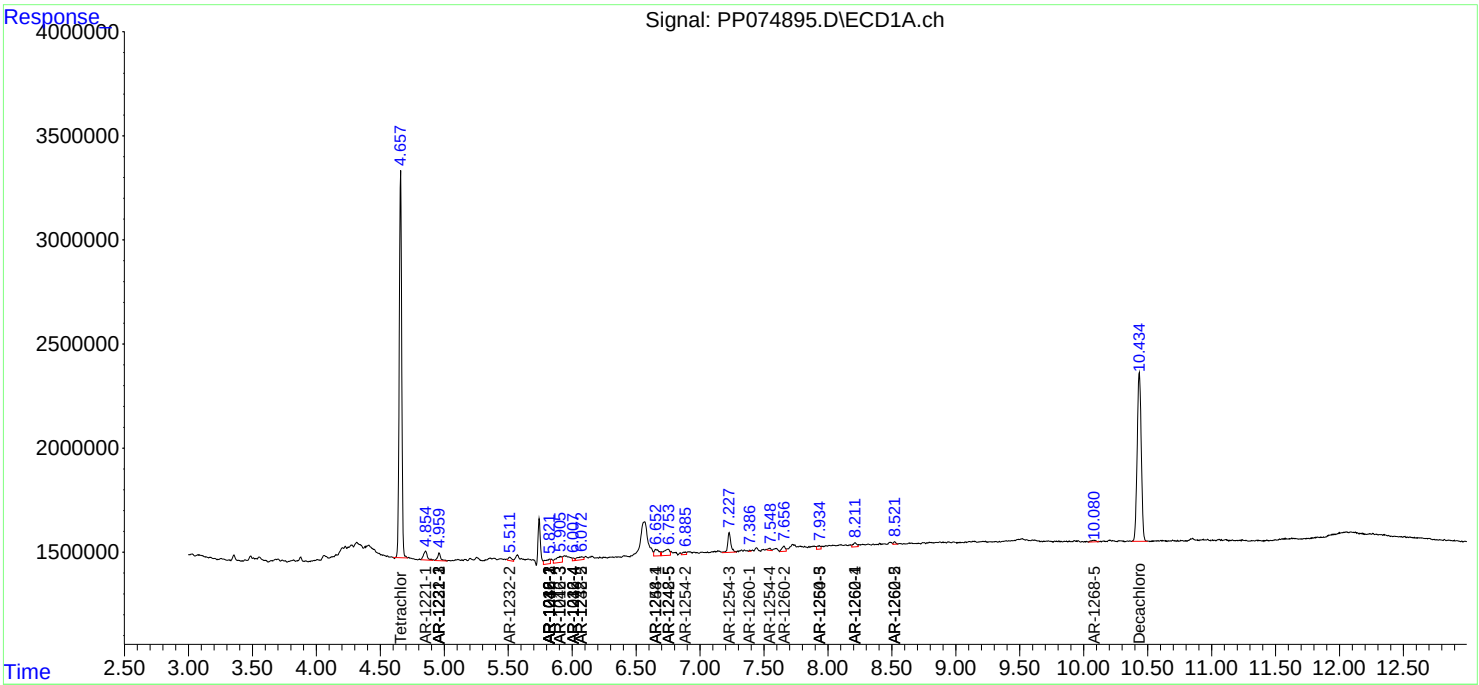
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

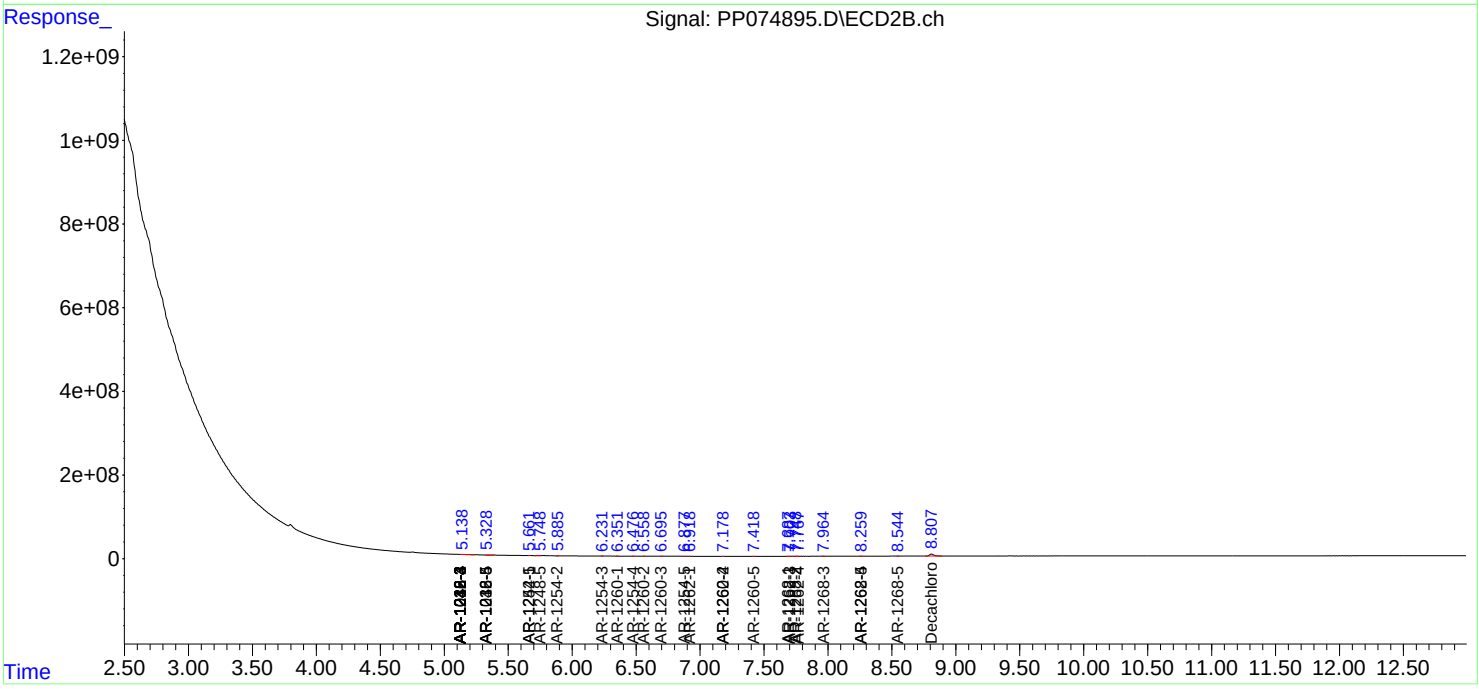
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:02
Operator : YP\AJ
Sample : Q3017-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

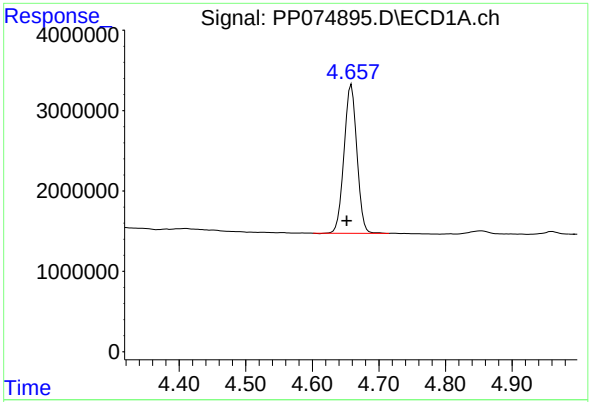
**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



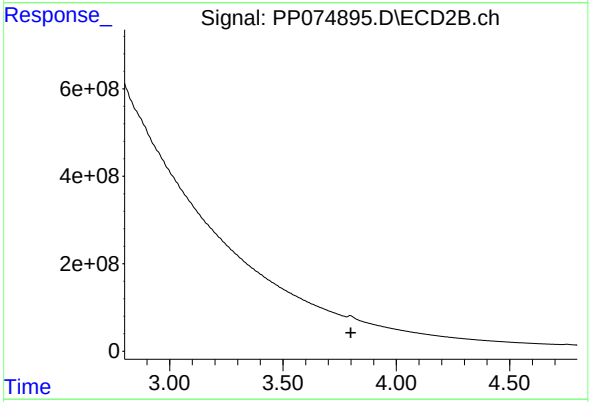






#1 Tetrachloro-m-xylene

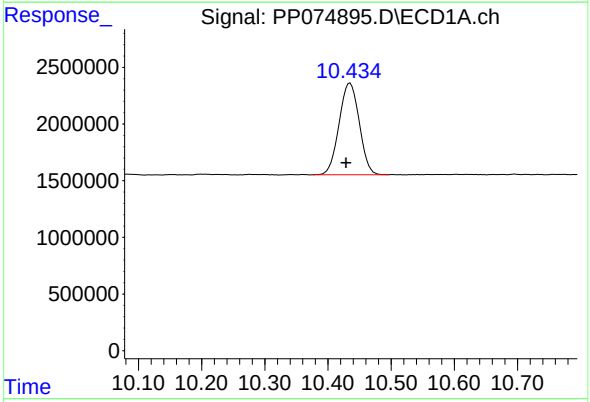
R.T.: 4.659 min
Delta R.T.: 0.007 min
Response: 24859219
Conc: 20.31 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



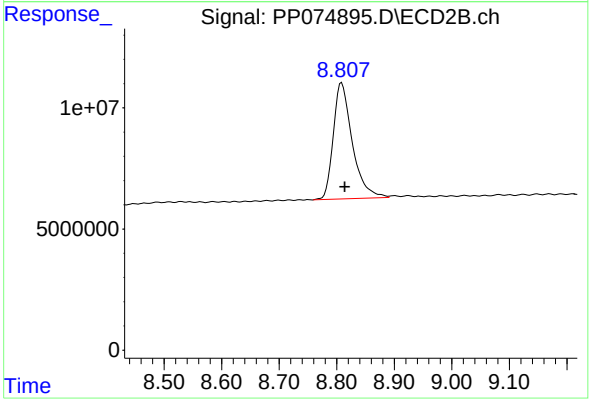

#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: -0.002 min
Response: -1154178984
Conc: N.D.



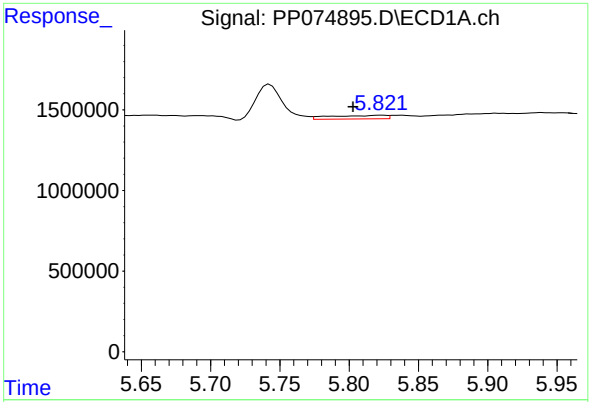

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.007 min
Response: 17969567
Conc: 18.20 ng/ml




#2 Decachlorobiphenyl

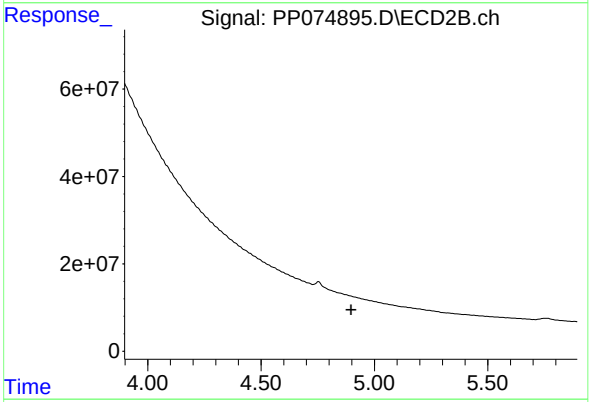
R.T.: 8.808 min
Delta R.T.: -0.006 min
Response: 110117853
Conc: 14.68 ng/ml




#3 AR-1016-1

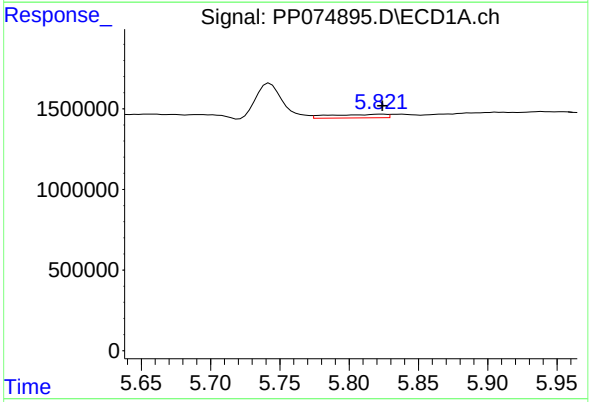
R.T.: 5.823 min
Delta R.T.: 0.021 min
Response: 613479
Conc: 13.91 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



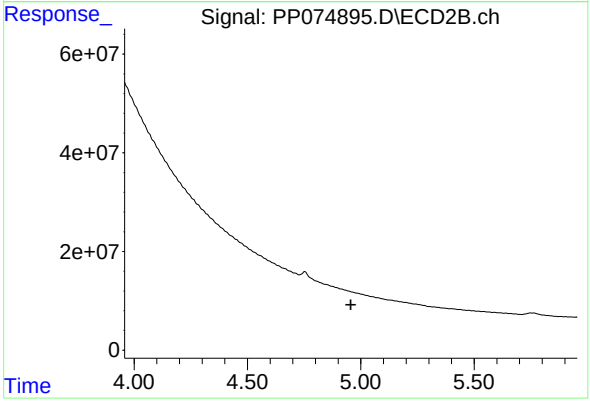

#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



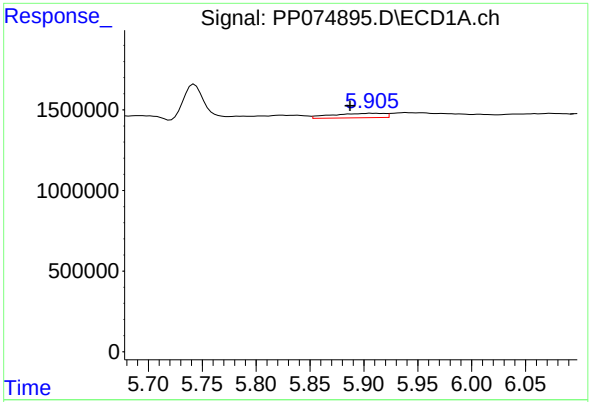

#4 AR-1016-2

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 613479
Conc: 9.76 ng/ml




#4 AR-1016-2

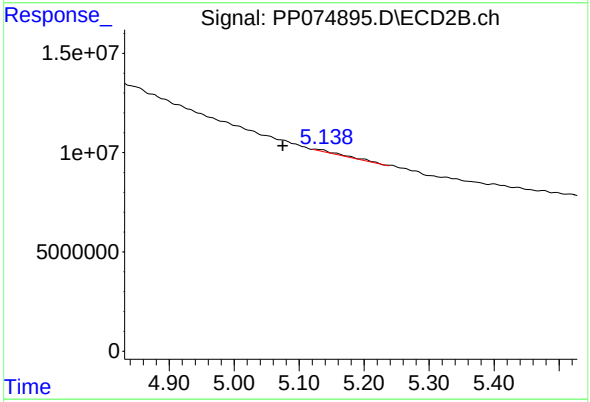
R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.




#5 AR-1016-3

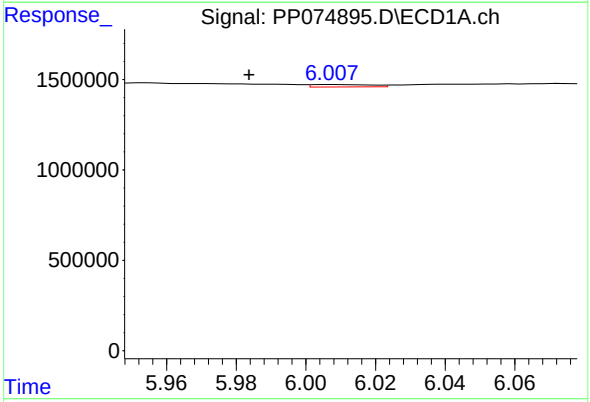
R.T.: 5.907 min
Delta R.T.: 0.020 min
Response: 945647
Conc: 21.05 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



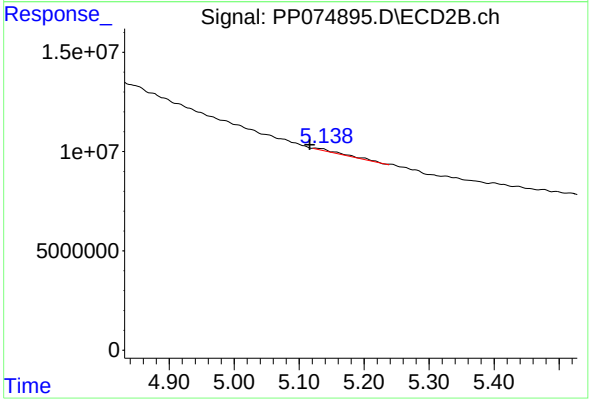

#5 AR-1016-3

R.T.: 5.125 min
Delta R.T.: 0.050 min
Response: 3411588
Conc: 24.74 ng/ml



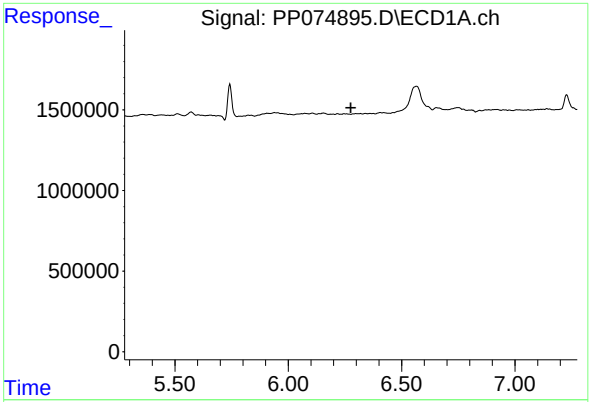

#6 AR-1016-4

R.T.: 6.008 min
Delta R.T.: 0.024 min
Response: 156179
Conc: 4.44 ng/ml




#6 AR-1016-4

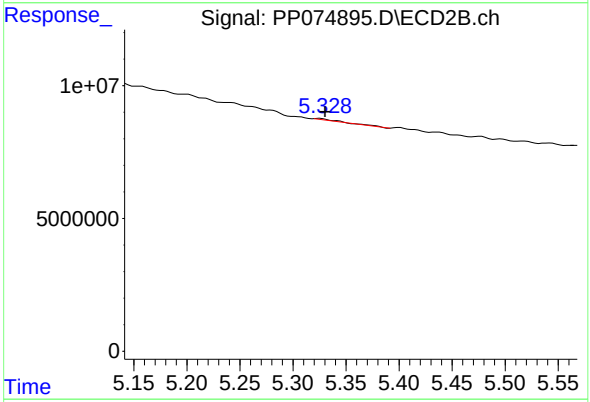
R.T.: 5.125 min
Delta R.T.: 0.009 min
Response: 3411588
Conc: 24.40 ng/ml




#7 AR-1016-5

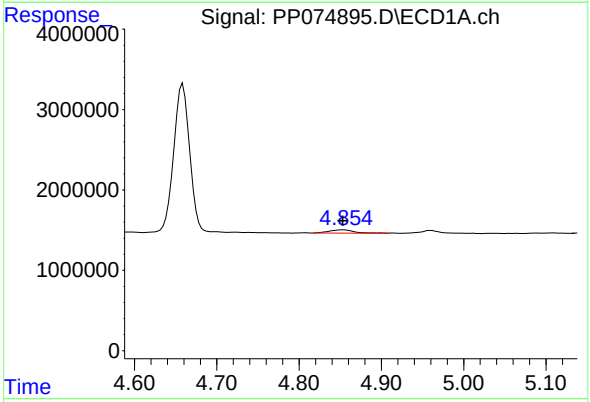
R.T.: 0.000 min
Exp R.T. : 6.276 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



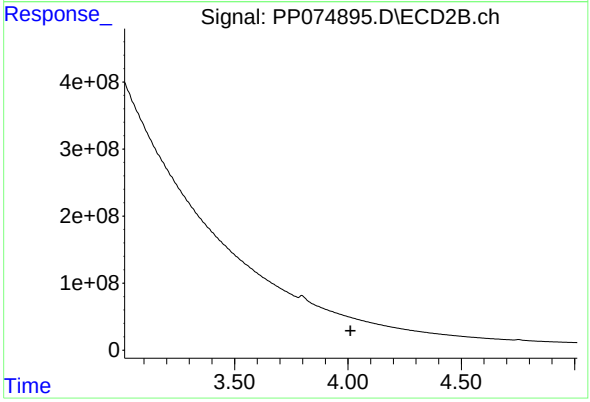

#7 AR-1016-5

R.T.: 5.326 min
Delta R.T.: -0.005 min
Response: 900459
Conc: 5.42 ng/ml



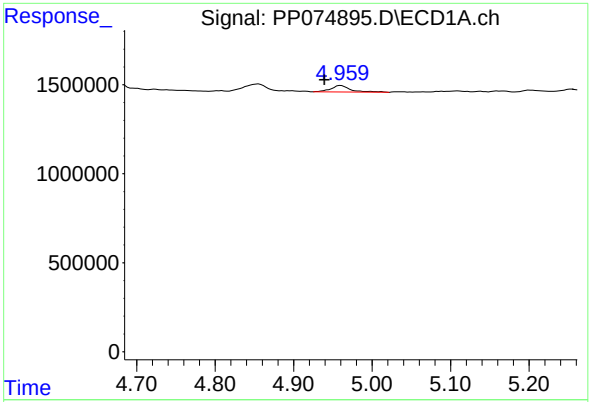

#8 AR-1221-1

R.T.: 4.855 min
Delta R.T.: 0.002 min
Response: 885060
Conc: 50.31 ng/ml




#8 AR-1221-1

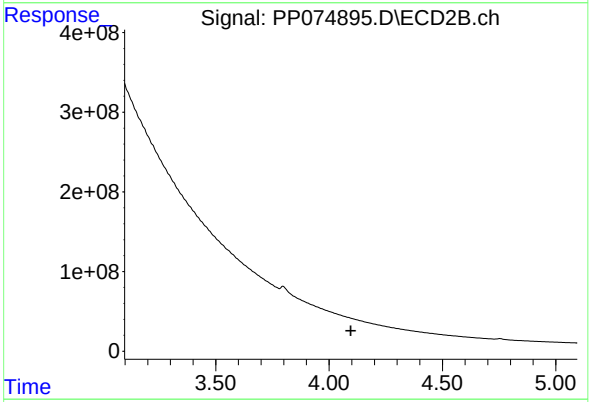
R.T.: 0.000 min
Exp R.T. : 4.011 min
Response: 0
Conc: N.D.




#9 AR-1221-2

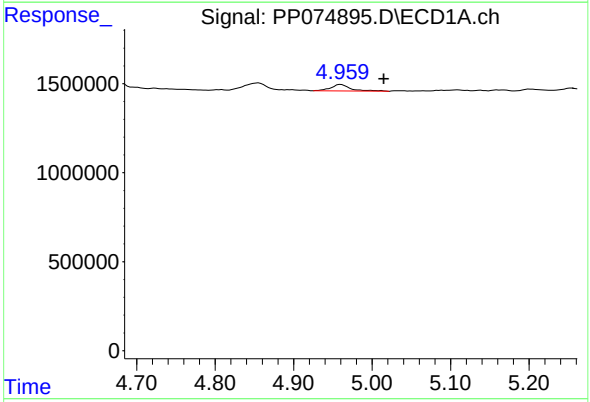
R.T.: 4.960 min
Delta R.T.: 0.021 min
Response: 635732
Conc: 47.59 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



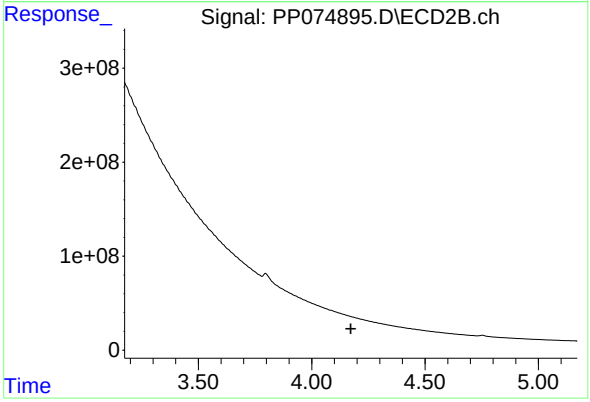

#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.097 min
Response: 0
Conc: N.D.



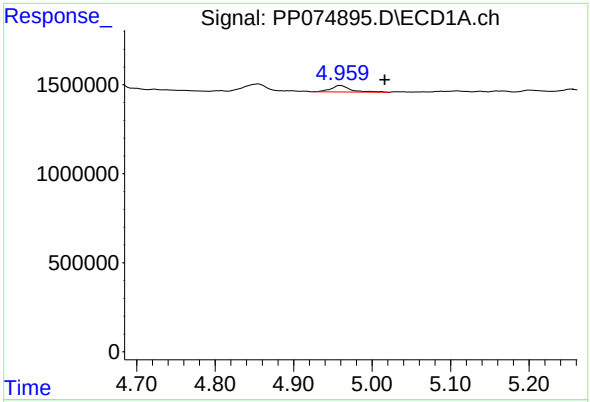

#10 AR-1221-3

R.T.: 4.960 min
Delta R.T.: -0.055 min
Response: 635732
Conc: 16.77 ng/ml




#10 AR-1221-3

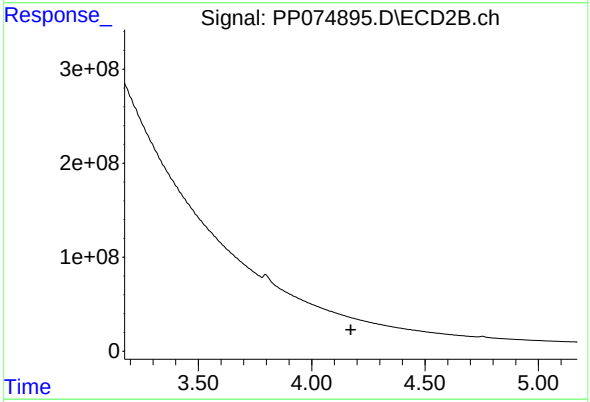
R.T.: 0.000 min
Exp R.T. : 4.173 min
Response: 0
Conc: N.D.




#11 AR-1232-1

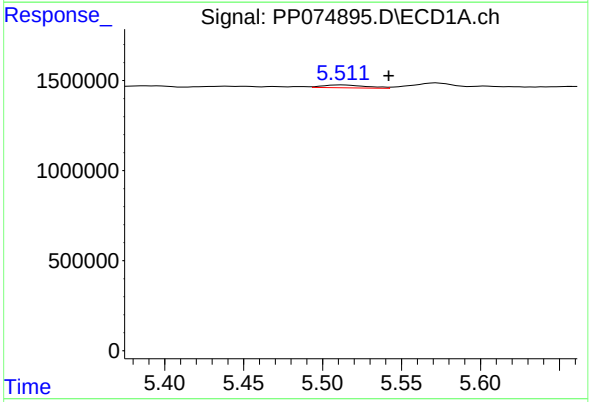
R.T.: 4.960 min
Delta R.T.: -0.056 min
Response: 635732
Conc: 20.93 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



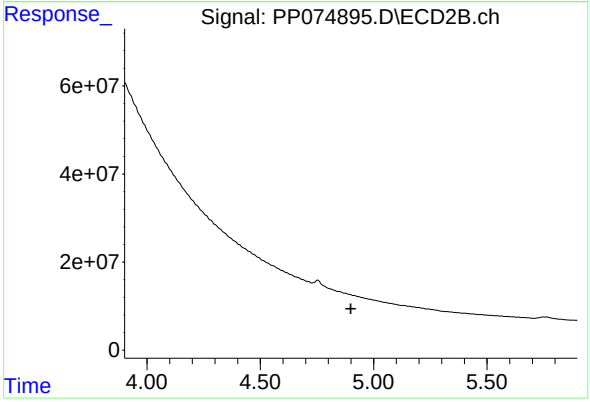

#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.172 min
Response: 0
Conc: N.D.



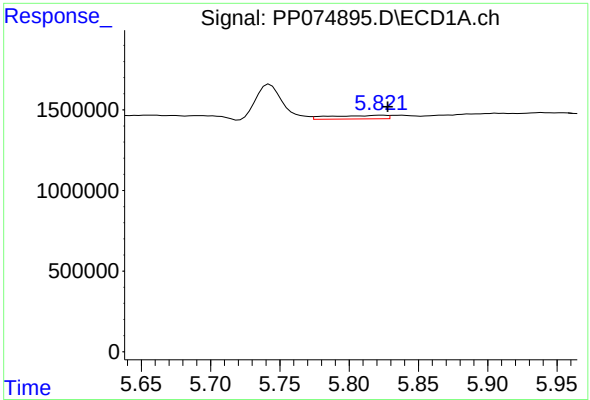

#12 AR-1232-2

R.T.: 5.512 min
Delta R.T.: -0.030 min
Response: 314546
Conc: 19.96 ng/ml




#12 AR-1232-2

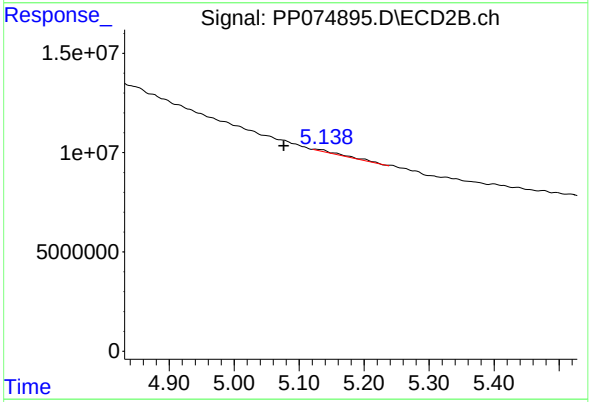
R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.




#13 AR-1232-3

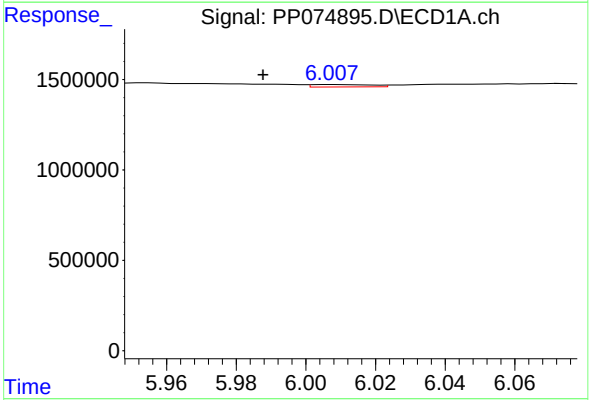
R.T.: 5.823 min
Delta R.T.: -0.004 min
Response: 613479
Conc: 20.09 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



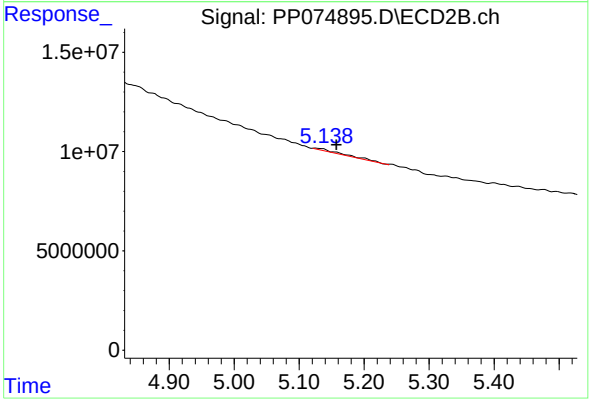

#13 AR-1232-3

R.T.: 5.125 min
Delta R.T.: 0.049 min
Response: 3411588
Conc: 56.80 ng/ml



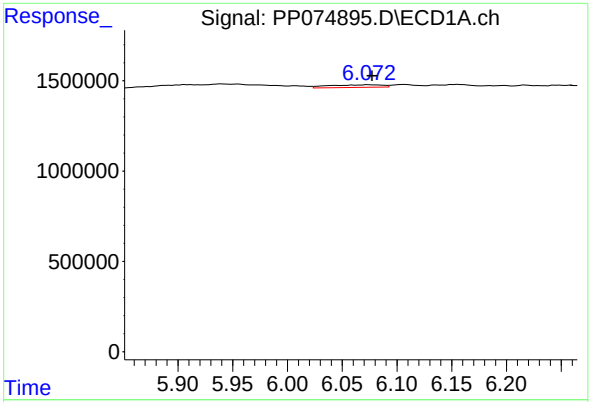

#14 AR-1232-4

R.T.: 6.008 min
Delta R.T.: 0.020 min
Response: 156179
Conc: 9.04 ng/ml




#14 AR-1232-4

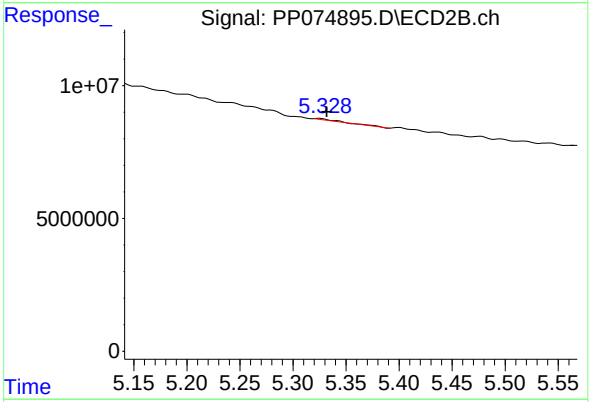
R.T.: 5.125 min
Delta R.T.: -0.032 min
Response: 3411588
Conc: 46.29 ng/ml




#15 AR-1232-5

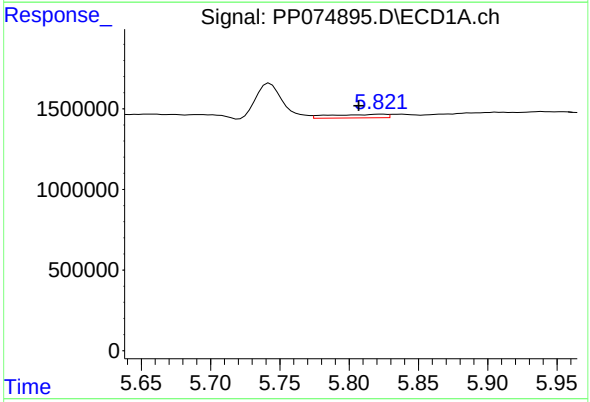
R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 493118
Conc: 37.99 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



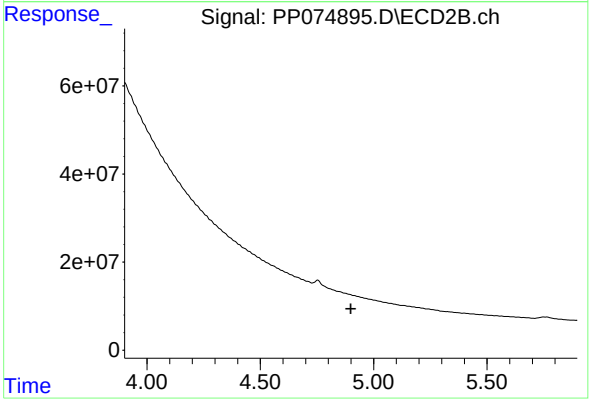

#15 AR-1232-5

R.T.: 5.326 min
Delta R.T.: -0.006 min
Response: 900459
Conc: 14.50 ng/ml



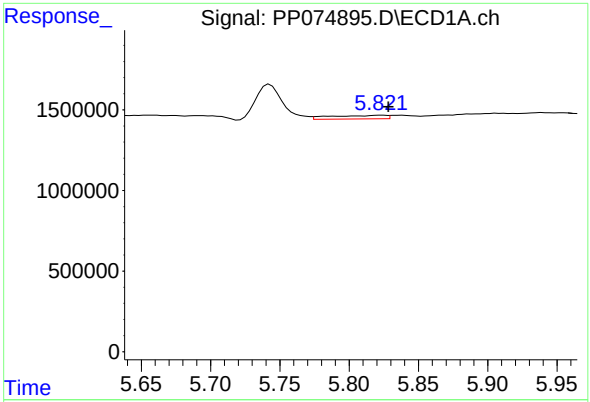

#16 AR-1242-1

R.T.: 5.823 min
Delta R.T.: 0.016 min
Response: 613479
Conc: 16.03 ng/ml




#16 AR-1242-1

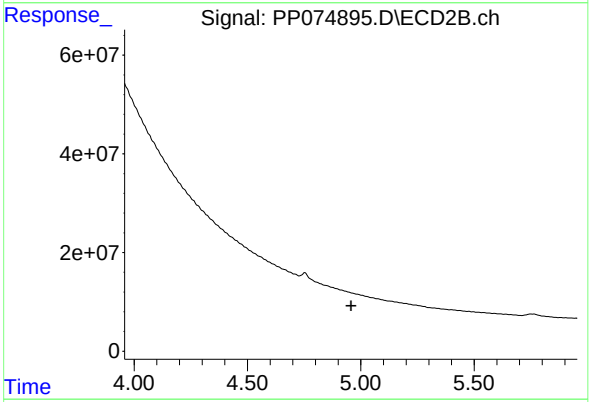
R.T.: 0.000 min
Exp R.T. : 4.900 min
Response: 0
Conc: N.D.




#17 AR-1242-2

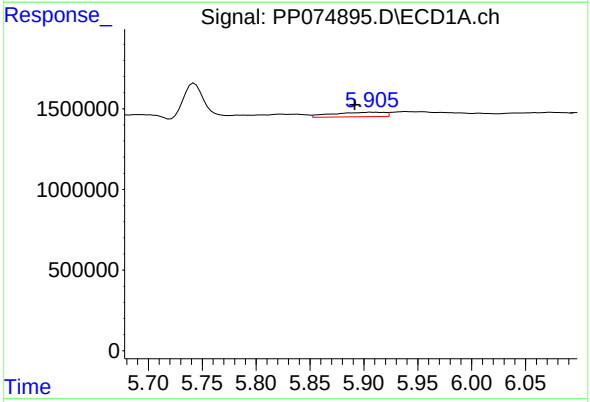
R.T.: 5.823 min
Delta R.T.: -0.005 min
Response: 613479
Conc: 10.86 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



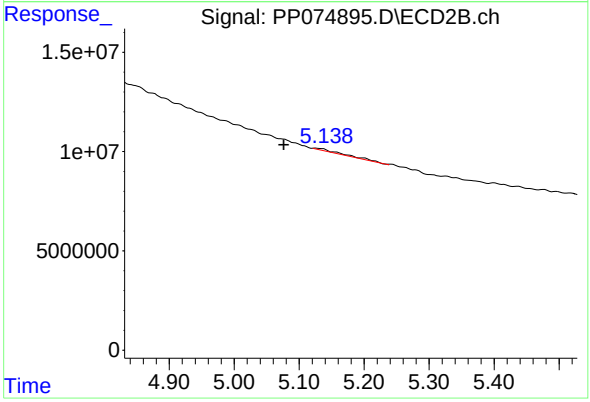

#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.957 min
Response: 0
Conc: N.D.



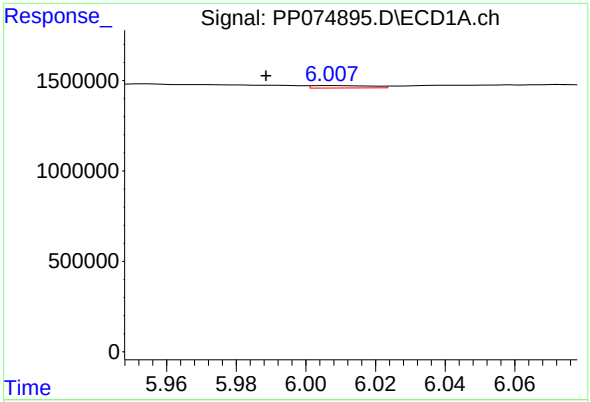

#18 AR-1242-3

R.T.: 5.907 min
Delta R.T.: 0.015 min
Response: 945647
Conc: 23.29 ng/ml




#18 AR-1242-3

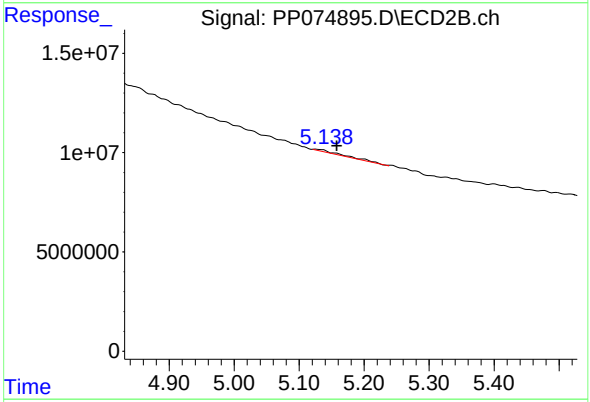
R.T.: 5.125 min
Delta R.T.: 0.049 min
Response: 3411588
Conc: 28.84 ng/ml




#19 AR-1242-4

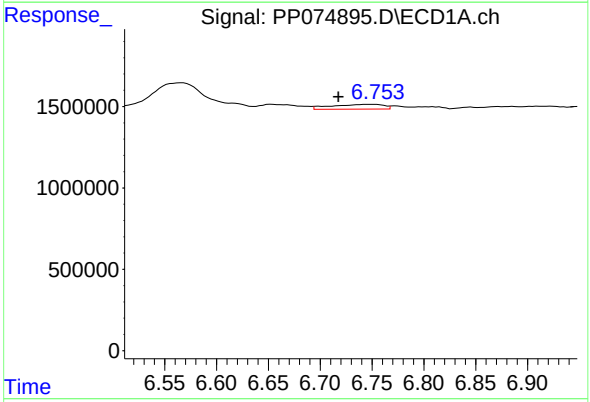
R.T.: 6.008 min
Delta R.T.: 0.019 min
Response: 156179
Conc: 4.92 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



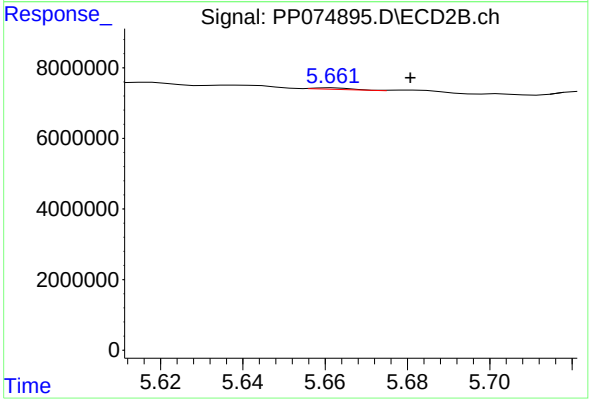

#19 AR-1242-4

R.T.: 5.125 min
Delta R.T.: -0.033 min
Response: 3411588
Conc: 19.93 ng/ml



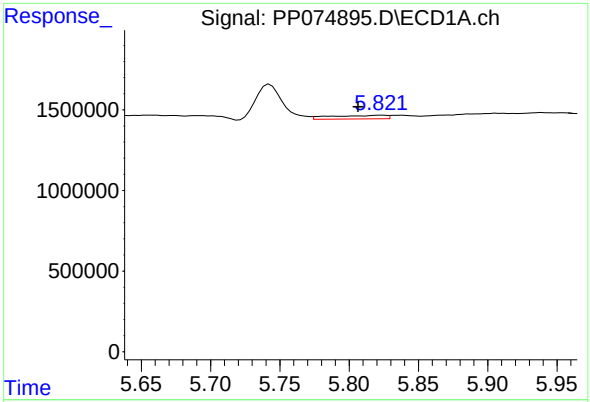

#20 AR-1242-5

R.T.: 6.752 min
Delta R.T.: 0.035 min
Response: 1011103
Conc: 28.03 ng/ml




#20 AR-1242-5

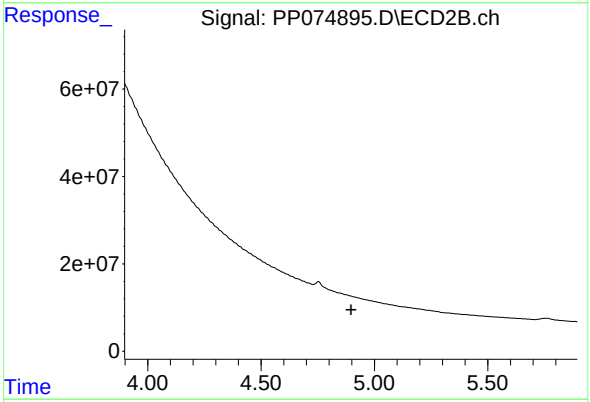
R.T.: 5.662 min
Delta R.T.: -0.019 min
Response: 303841
Conc: 1.64 ng/ml




#21 AR-1248-1

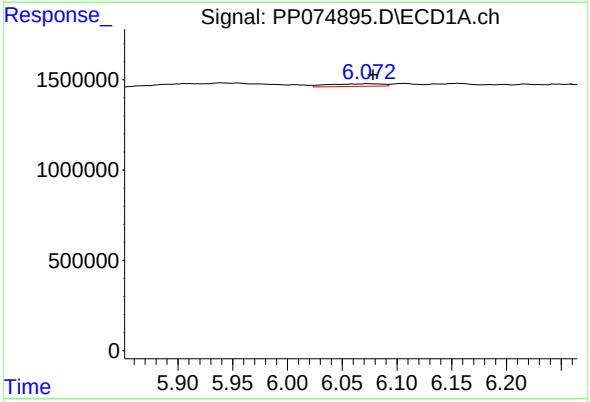
R.T.: 5.823 min
Delta R.T.: 0.017 min
Response: 613479
Conc: 20.30 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



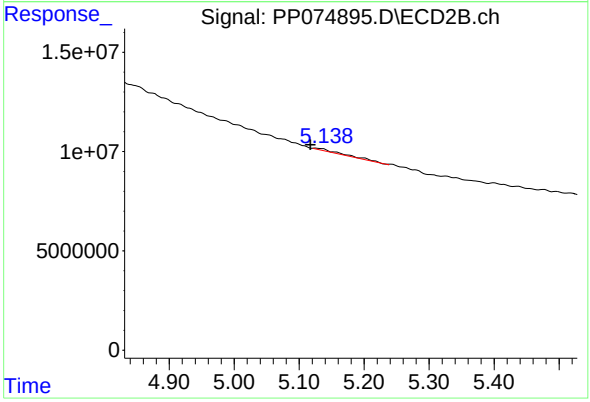

#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



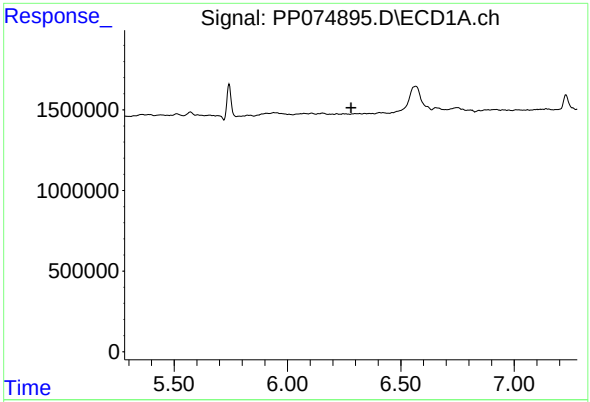

#22 AR-1248-2

R.T.: 6.074 min
Delta R.T.: -0.004 min
Response: 493118
Conc: 11.44 ng/ml




#22 AR-1248-2

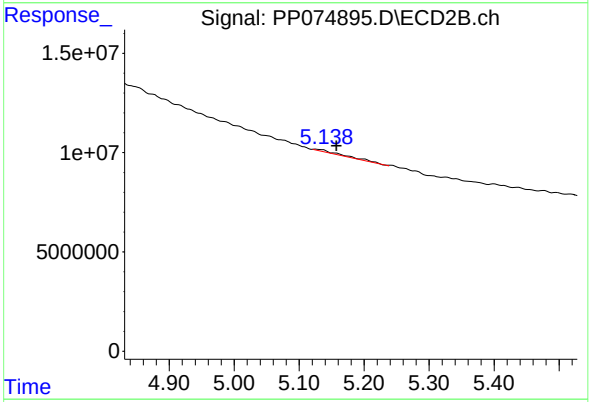
R.T.: 5.125 min
Delta R.T.: 0.008 min
Response: 3411588
Conc: 19.30 ng/ml




#23 AR-1248-3

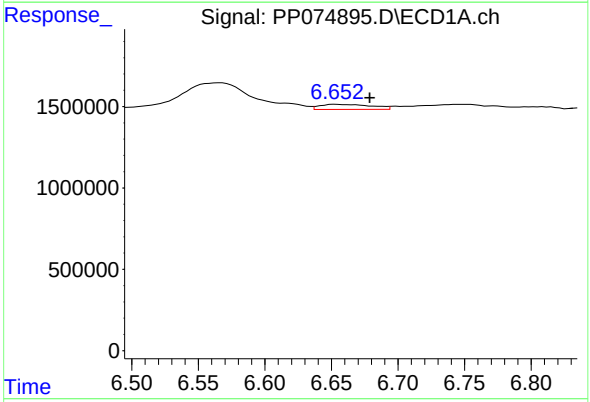
R.T.: 0.000 min
Exp R.T. : 6.281 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



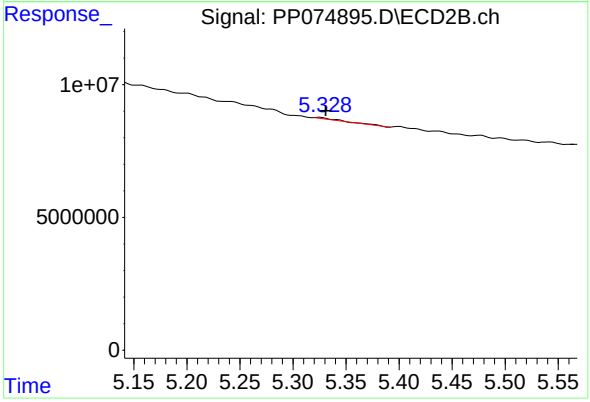

#23 AR-1248-3

R.T.: 5.125 min
Delta R.T.: -0.032 min
Response: 3411588
Conc: 15.02 ng/ml



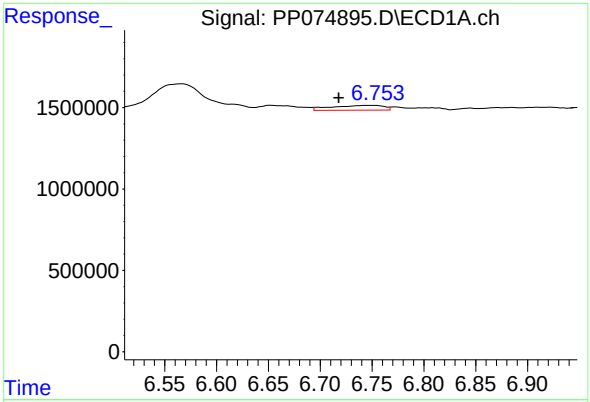

#24 AR-1248-4

R.T.: 6.654 min
Delta R.T.: -0.025 min
Response: 843013
Conc: 15.33 ng/ml




#24 AR-1248-4

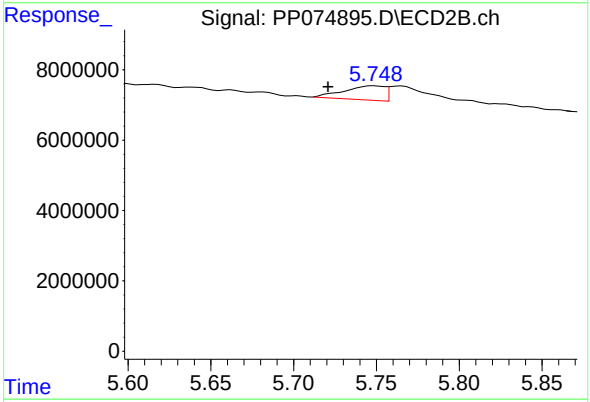
R.T.: 5.326 min
Delta R.T.: -0.005 min
Response: 900459
Conc: 4.13 ng/ml




#25 AR-1248-5

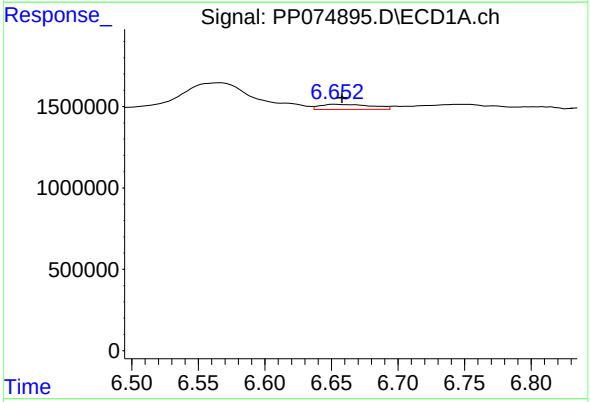
R.T.: 6.752 min
Delta R.T.: 0.034 min
Response: 1011103
Conc: 18.23 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



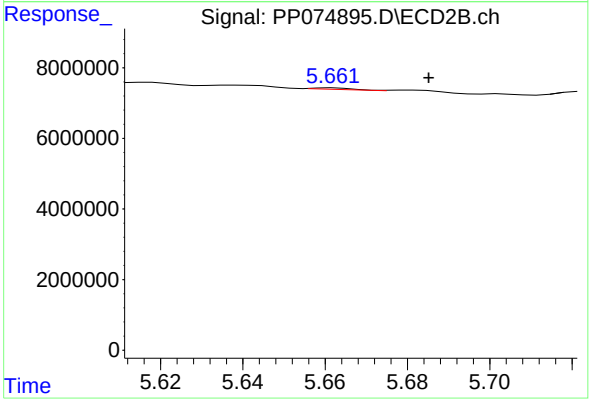

#25 AR-1248-5

R.T.: 5.748 min
Delta R.T.: 0.027 min
Response: 6831528
Conc: 18.60 ng/ml



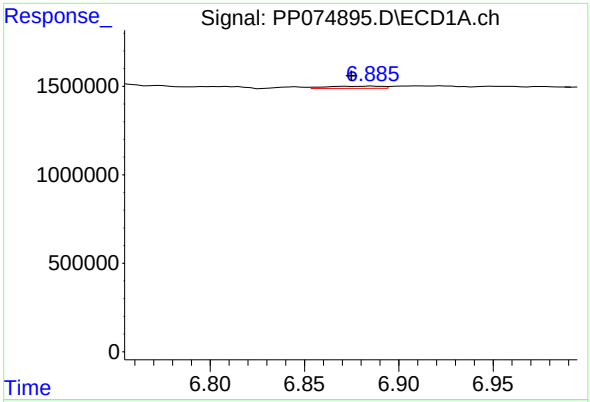

#26 AR-1254-1

R.T.: 6.654 min
Delta R.T.: -0.004 min
Response: 843013
Conc: 14.47 ng/ml




#26 AR-1254-1

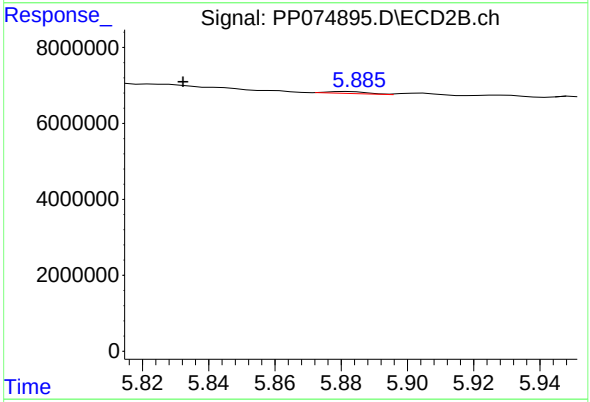
R.T.: 5.662 min
Delta R.T.: -0.023 min
Response: 303841
Conc: 0.64 ng/ml




#27 AR-1254-2

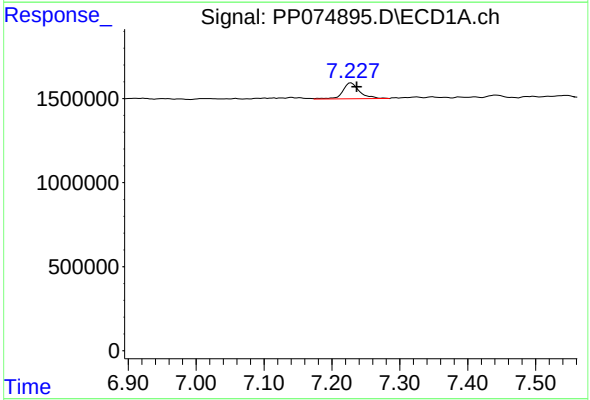
R.T.: 6.886 min
Delta R.T.: 0.011 min
Response: 247902
Conc: 3.04 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



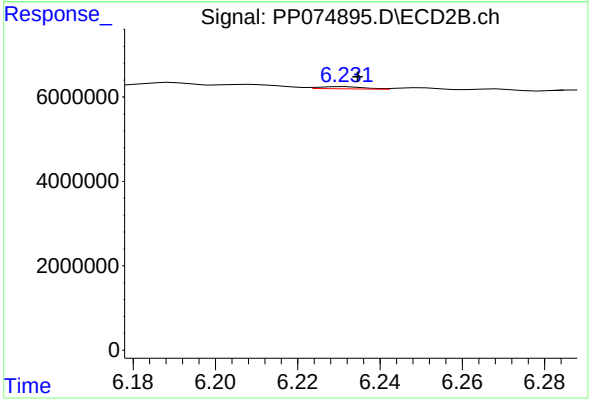

#27 AR-1254-2

R.T.: 5.882 min
Delta R.T.: 0.050 min
Response: 431870
Conc: 1.23 ng/ml



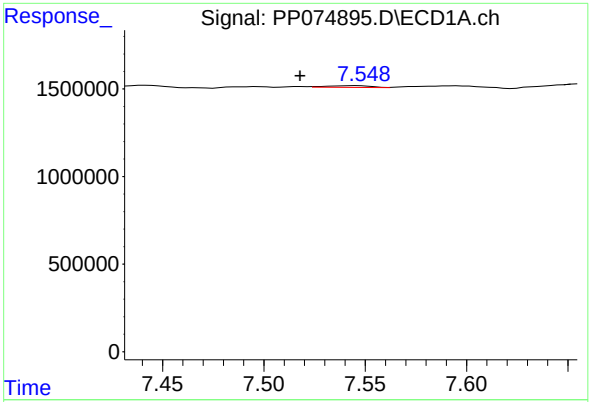

#28 AR-1254-3

R.T.: 7.228 min
Delta R.T.: -0.008 min
Response: 1622721
Conc: 18.19 ng/ml




#28 AR-1254-3

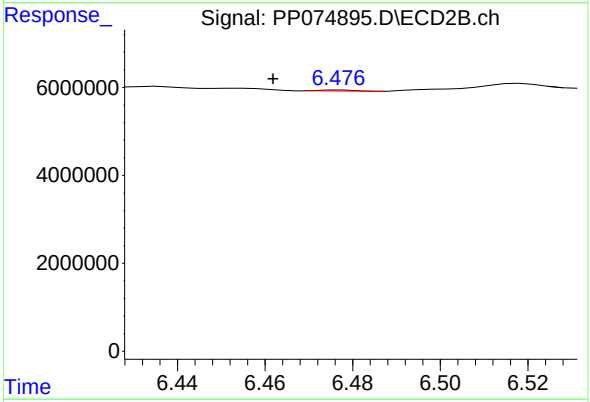
R.T.: 6.232 min
Delta R.T.: -0.003 min
Response: 408811
Conc: 0.66 ng/ml




#29 AR-1254-4

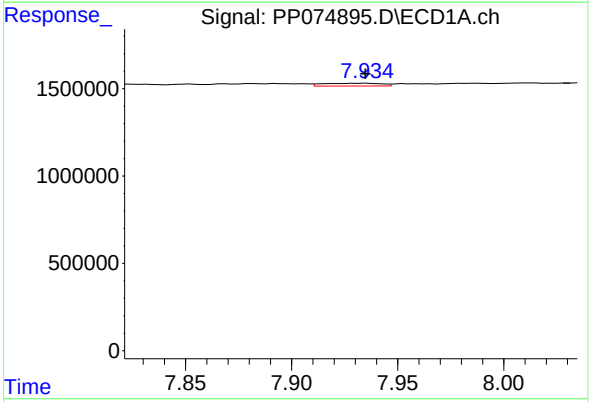
R.T.: 7.546 min
Delta R.T.: 0.028 min
Response: 153299
Conc: 2.33 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



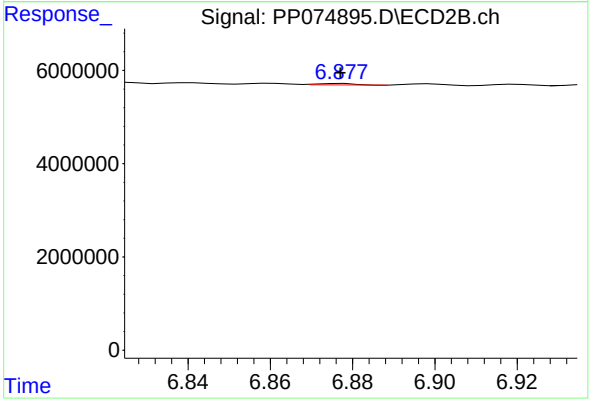

#29 AR-1254-4

R.T.: 6.477 min
Delta R.T.: 0.016 min
Response: 142666
Conc: 0.30 ng/ml



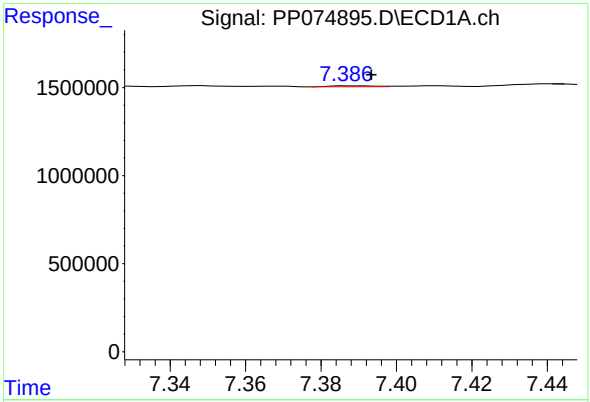

#30 AR-1254-5

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 304988
Conc: 3.67 ng/ml




#30 AR-1254-5

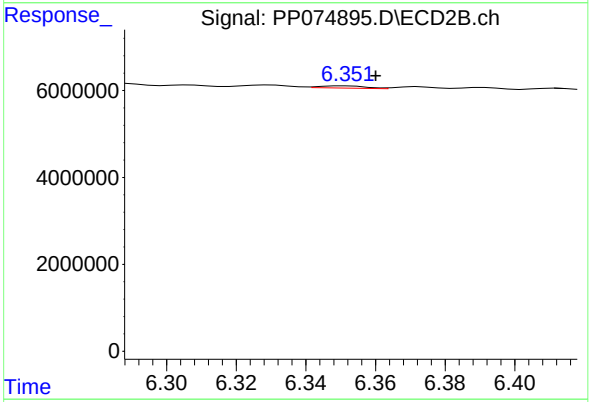
R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 189405
Conc: 0.39 ng/ml




#31 AR-1260-1

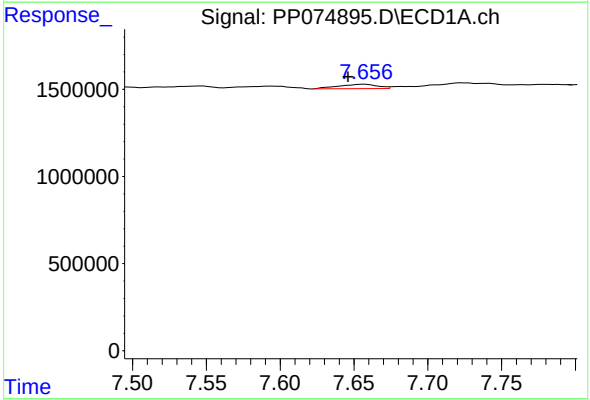
R.T.: 7.388 min
Delta R.T.: -0.005 min
Response: 42847
Conc: 0.74 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



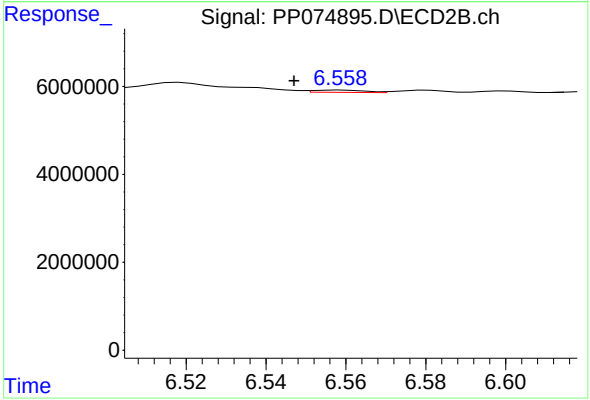

#31 AR-1260-1

R.T.: 6.352 min
Delta R.T.: -0.008 min
Response: 487399
Conc: 1.30 ng/ml



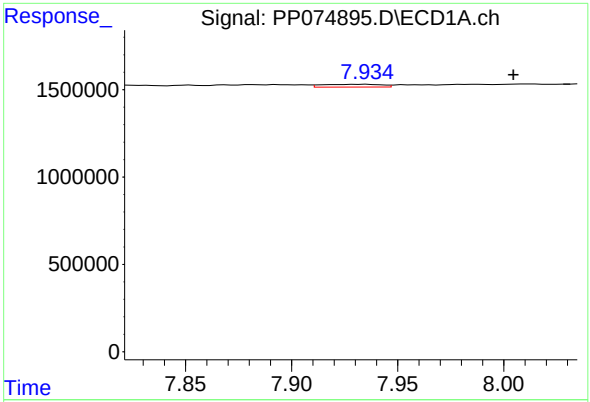

#32 AR-1260-2

R.T.: 7.657 min
Delta R.T.: 0.011 min
Response: 456047
Conc: 6.62 ng/ml




#32 AR-1260-2

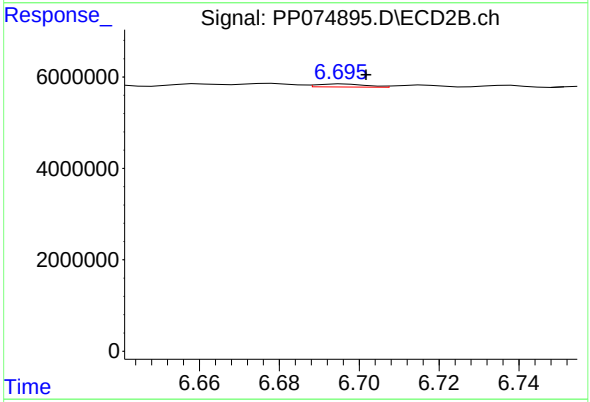
R.T.: 6.559 min
Delta R.T.: 0.012 min
Response: 470669
Conc: 0.89 ng/ml




#33 AR-1260-3

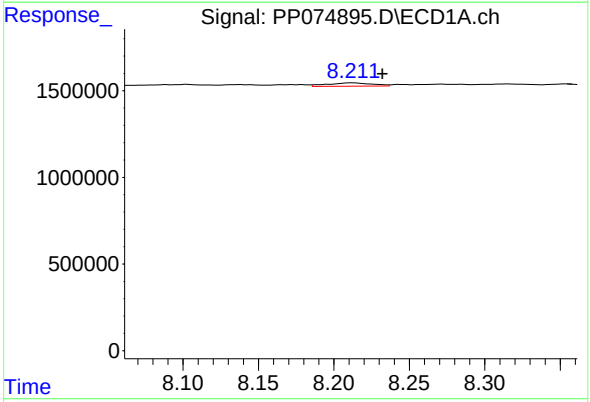
R.T.: 7.935 min
Delta R.T.: -0.069 min
Response: 304988
Conc: 5.88 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



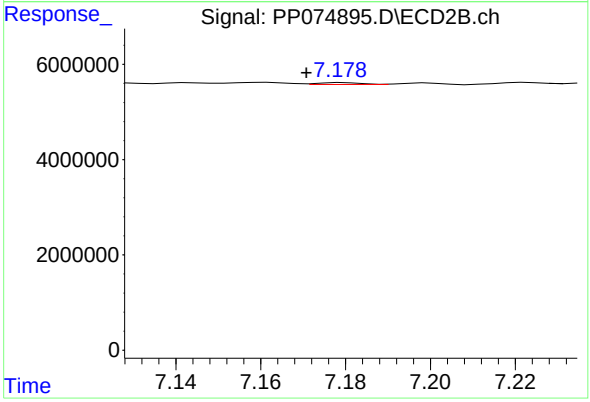

#33 AR-1260-3

R.T.: 6.696 min
Delta R.T.: -0.006 min
Response: 579455
Conc: 1.34 ng/ml



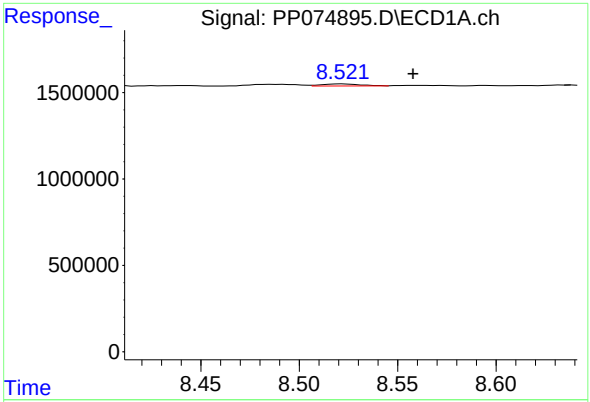

#34 AR-1260-4

R.T.: 8.213 min
Delta R.T.: -0.019 min
Response: 401853
Conc: 6.30 ng/ml




#34 AR-1260-4

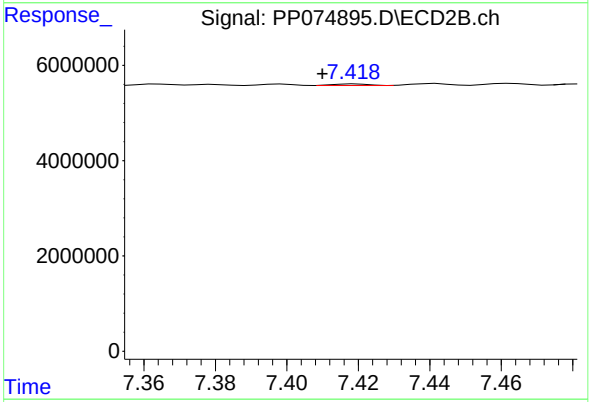
R.T.: 7.180 min
Delta R.T.: 0.009 min
Response: 287380
Conc: 0.75 ng/ml




#35 AR-1260-5

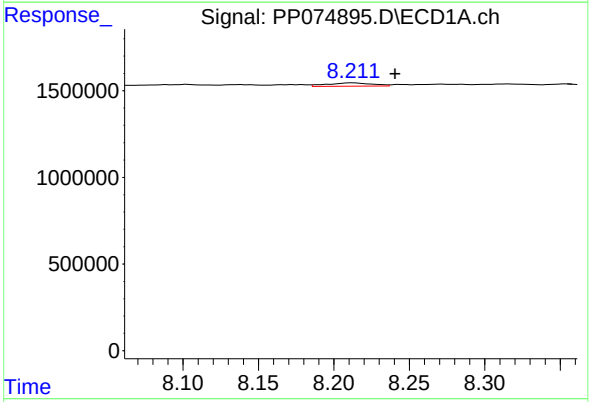
R.T.: 8.522 min
Delta R.T.: -0.036 min
Response: 159333
Conc: 1.40 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



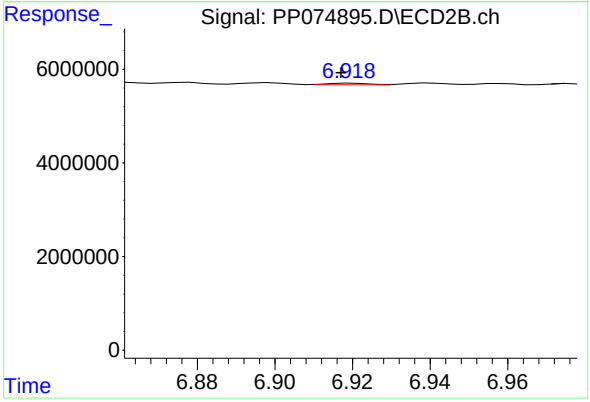

#35 AR-1260-5

R.T.: 7.419 min
Delta R.T.: 0.009 min
Response: 236836
Conc: 0.24 ng/ml



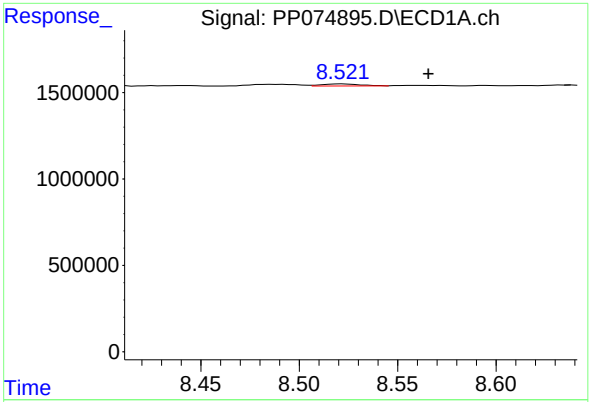

#36 AR-1262-1

R.T.: 8.213 min
Delta R.T.: -0.028 min
Response: 401853
Conc: 5.22 ng/ml




#36 AR-1262-1

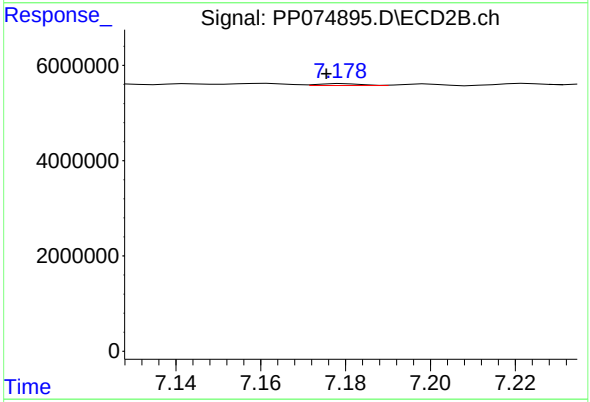
R.T.: 6.920 min
Delta R.T.: 0.003 min
Response: 240828
Conc: 0.34 ng/ml




#37 AR-1262-2

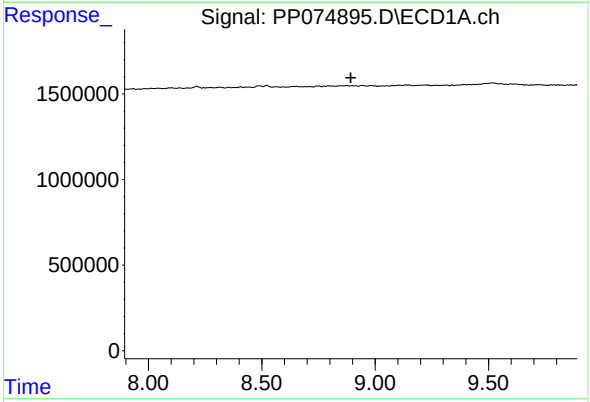
R.T.: 8.522 min
Delta R.T.: -0.044 min
Response: 159333
Conc: 1.20 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



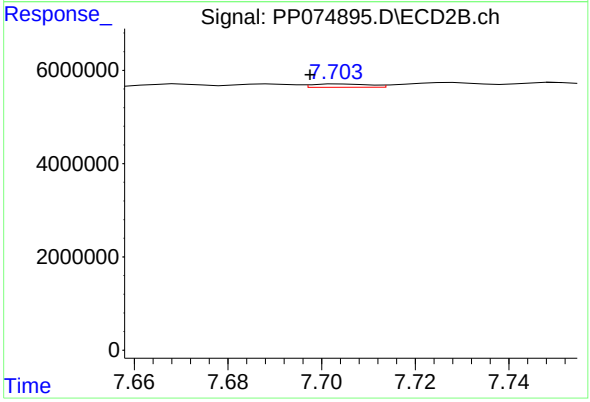

#37 AR-1262-2

R.T.: 7.180 min
Delta R.T.: 0.004 min
Response: 287380
Conc: 0.55 ng/ml



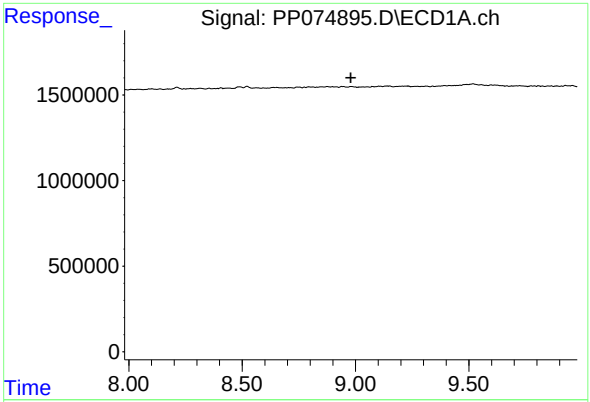

#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.892 min
Response: 0
Conc: N.D.




#38 AR-1262-3

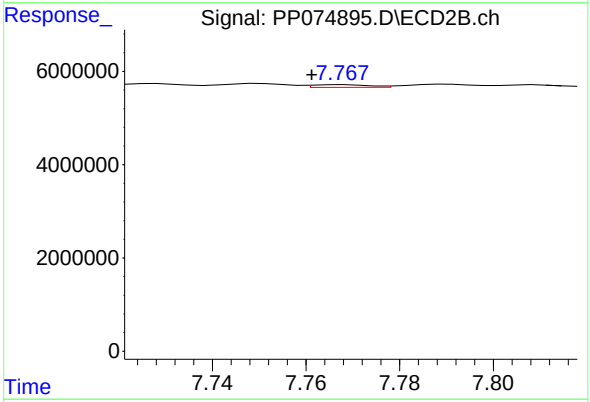
R.T.: 7.704 min
Delta R.T.: 0.006 min
Response: 611524
Conc: 1.31 ng/ml




#39 AR-1262-4

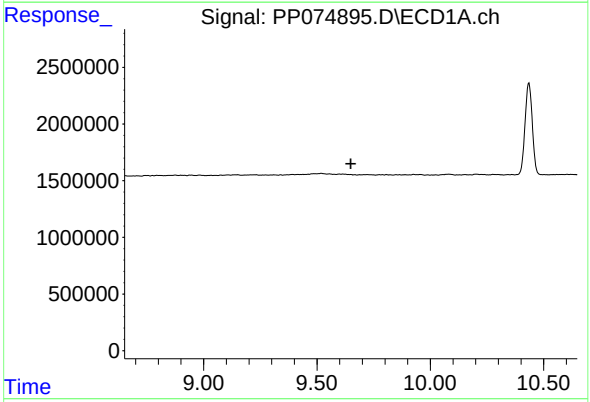
R.T.: 0.000 min
Exp R.T. : 8.979 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



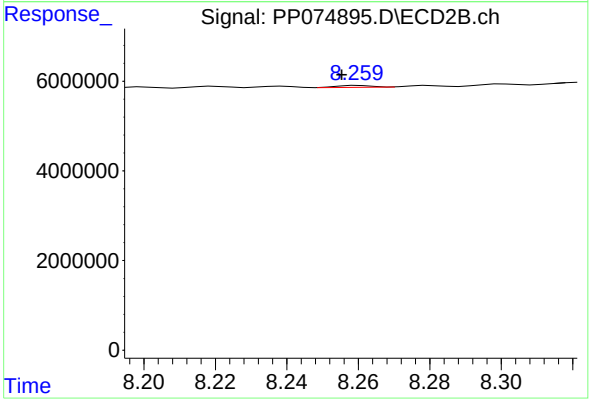

#39 AR-1262-4

R.T.: 7.769 min
Delta R.T.: 0.007 min
Response: 486409
Conc: 0.59 ng/ml



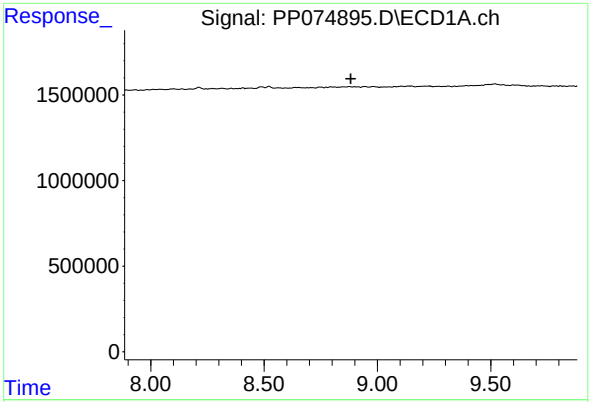

#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.650 min
Response: 0
Conc: N.D.




#40 AR-1262-5

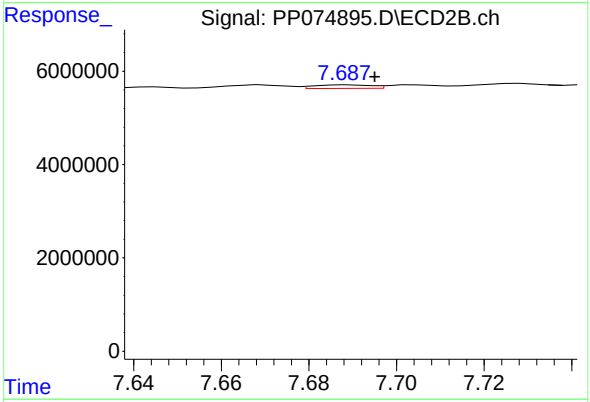
R.T.: 8.260 min
Delta R.T.: 0.005 min
Response: 273976
Conc: 0.76 ng/ml




#41 AR-1268-1

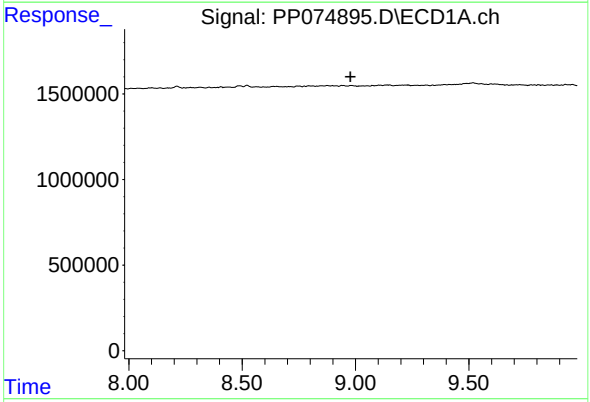
R.T.: 0.000 min
Exp R.T. : 8.883 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



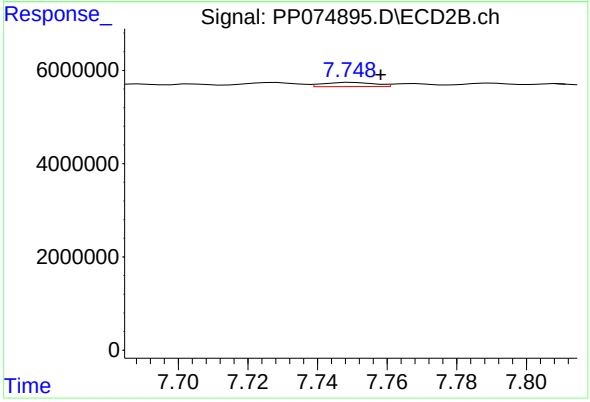

#41 AR-1268-1

R.T.: 7.689 min
Delta R.T.: -0.006 min
Response: 683540
Conc: 0.48 ng/ml



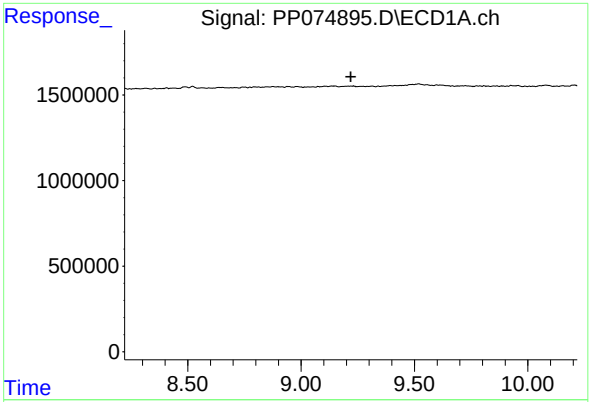

#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.978 min
Response: 0
Conc: N.D.




#42 AR-1268-2

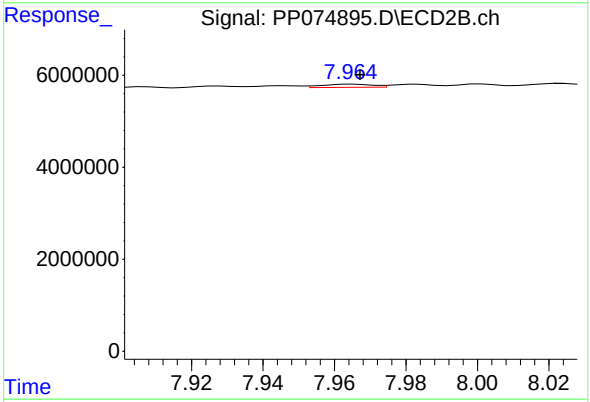
R.T.: 7.750 min
Delta R.T.: -0.008 min
Response: 922811
Conc: 0.68 ng/ml




#43 AR-1268-3

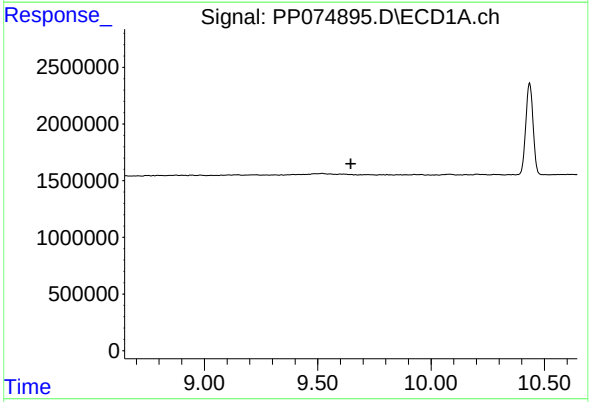
R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903



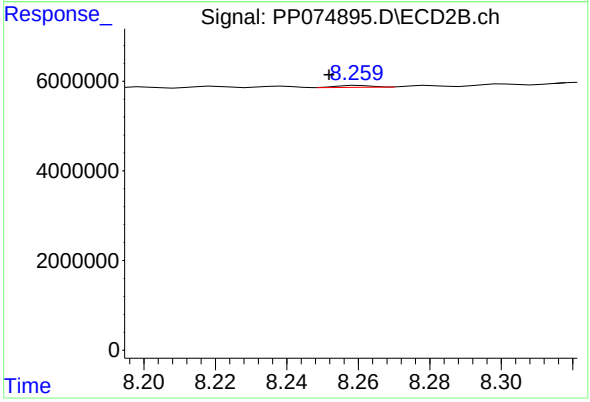

#43 AR-1268-3

R.T.: 7.965 min
Delta R.T.: -0.002 min
Response: 673026
Conc: 0.65 ng/ml



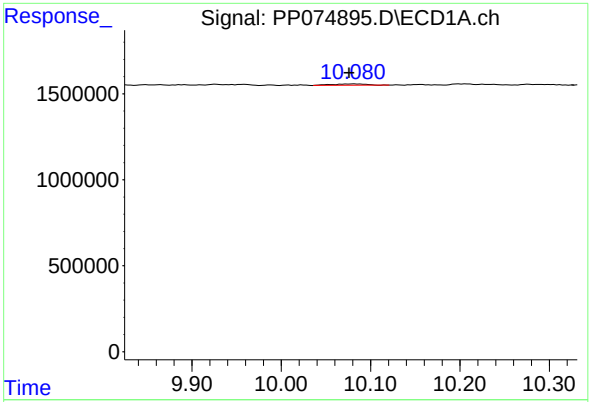

#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.645 min
Response: 0
Conc: N.D.




#44 AR-1268-4

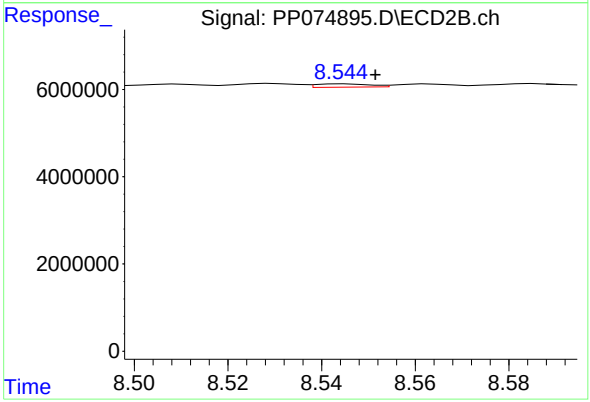
R.T.: 8.260 min
Delta R.T.: 0.008 min
Response: 273976
Conc: 0.72 ng/ml




#45 AR-1268-5

R.T.: 10.081 min
Delta R.T.: 0.005 min
Response: 203205
Conc: 0.55 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-078-IDWGW-20250903




#45 AR-1268-5

R.T.: 8.545 min
Delta R.T.: -0.007 min
Response: 610683
Conc: 0.19 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:19
Operator : YP\AJ
Sample : Q3017-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** ECD_P
**ClientSampleId :** TT-079-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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 | | | | | | | |
| 2) | SA Decachlor... | 10.437 | 8.810 | 20245158 | 129.1E6 | 20.501 | 17.221 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.789 | 0.000 | 465111 | 0 | 10.549 | N.D. | # |
| 4) | L1 AR-1016-2 | 5.828 | 0.000 | 800253 | 0 | 12.734 | N.D. | # |
| 5) | L1 AR-1016-3 | 5.931f | 5.121f | 2150166 | 446341 | 47.873 | 3.237 | # |
| 6) | L1 AR-1016-4 | 5.990 | 5.121 | 570504 | 446341 | 16.216 | 3.193 | # |
| 7) | L1 AR-1016-5 | 0.000 | 5.337 | 0 | 5290101 | N.D. | 31.852 | # |
| 8) | L2 AR-1221-1 | 4.852 | 0.000 | 104185 | 0 | 5.922 | N.D. | # |
| 9) | L2 AR-1221-2 | 4.961 | 0.000 | 501286 | 0 | 37.529 | N.D. | # |
| 10) | L2 AR-1221-3 | 4.961f | 0.000 | 501286 | 0 | 13.222 | N.D. | # |
| 11) | L3 AR-1232-1 | 4.961f | 0.000 | 501286 | 0 | 16.504 | N.D. | # |
| 12) | L3 AR-1232-2 | 5.571 | 0.000 | 1053053 | 0 | 66.826 | N.D. | # |
| 13) | L3 AR-1232-3 | 5.828 | 5.121f | 800253 | 446341 | 26.200 | 7.432 | # |
| 14) | L3 AR-1232-4 | 5.990 | 5.156 | 570504 | 3439736 | 33.036 | 46.667 | # |
| 15) | L3 AR-1232-5 | 6.080 | 5.337 | 655557 | 5290101 | 50.501 | 85.209 | # |
| 16) | L4 AR-1242-1 | 5.789 | 0.000 | 465111 | 0 | 12.152 | N.D. | # |
| 17) | L4 AR-1242-2 | 5.828 | 0.000 | 800253 | 0 | 14.168 | N.D. | # |
| 18) | L4 AR-1242-3 | 5.931f | 5.121f | 2150166 | 446341 | 52.956 | 3.773 | # |
| 19) | L4 AR-1242-4 | 5.990 | 5.156 | 570504 | 3439736 | 17.973 | 20.097 | |
| 20) | L4 AR-1242-5 | 6.737 | 5.689 | 1304462 | 735895 | 36.164 | 3.974 | # |
| 21) | L5 AR-1248-1 | 5.789 | 0.000 | 465111 | 0 | 15.389 | N.D. | # |
| 22) | L5 AR-1248-2 | 6.080 | 5.121 | 655557 | 446341 | 15.212 | 2.525 | # |
| 23) | L5 AR-1248-3 | 0.000 | 5.156 | 0 | 3439736 | N.D. | 15.139 | # |
| 24) | L5 AR-1248-4 | 6.656 | 5.337 | 1719217 | 5290101 | 31.258 | 24.264 | |
| 25) | L5 AR-1248-5 | 6.737 | 5.711 | 1304462 | 1047596 | 23.516 | 2.852 | # |
| 26) | L6 AR-1254-1 | 6.656 | 5.689 | 1719217 | 735895 | 29.505 | 1.544 | # |
| 27) | L6 AR-1254-2 | 6.877 | 5.880f | 1011836 | 346547 | 12.398 | 0.984 | # |
| 28) | L6 AR-1254-3 | 7.228 | 6.229 | 4354878 | 1530170 | 48.818 | 2.469 | # |
| 29) | L6 AR-1254-4 | 7.522 | 6.473 | 111454 | 479926 | 1.691 | 1.024 | # |
| 30) | L6 AR-1254-5 | 7.927 | 6.869 | 159444 | 197112 | 1.919 | 0.402 | # |
| 31) | L7 AR-1260-1 | 7.387 | 6.364 | 70063 | 1035926 | 1.212 | 2.761 | # |
| 32) | L7 AR-1260-2 | 7.654 | 6.573 | 361342 | 1316546 | 5.243 | 2.490 | # |
| 33) | L7 AR-1260-3 | 7.997 | 6.699 | 216509 | 800379 | 4.173 | 1.848 | # |
| 34) | L7 AR-1260-4 | 8.214 | 7.176 | 434830 | 225821 | 6.816 | 0.592 | # |
| 35) | L7 AR-1260-5 | 8.574 | 7.413 | 93290 | 379334 | 0.823 | 0.378 | # |
| 36) | L8 AR-1262-1 | 8.214 | 6.912 | 434830 | 179924 | 5.646 | 0.254 | # |
| 37) | L8 AR-1262-2 | 8.574 | 7.176 | 93290 | 225821 | 0.705 | 0.434 | # |
| 38) | L8 AR-1262-3 | 0.000 | 7.704 | 0 | 6496161 | N.D. | 13.931 | # |
| 39) | L8 AR-1262-4 | 0.000 | 7.764 | 0 | 1627429 | N.D. | 1.980 | # |
| 40) | L8 AR-1262-5 | 9.603f | 8.249 | 492766 | 331867 | 8.084 | 0.926 | # |
| 41) | L9 AR-1268-1 | 0.000 | 7.704 | 0 | 6496161 | N.D. | 4.606 | # |
| 42) | L9 AR-1268-2 | 0.000 | 7.764 | 0 | 1627429 | N.D. | 1.194 | # |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:19
Operator : YP\AJ
Sample : Q3017-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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 |
|---|---|---|---|---|---|---|---|
| 43) L9 | AR-1268-3 | 9.220 | 7.962 | 107791 | 688449 | 0.872 | 0.660 |
| 44) L9 | AR-1268-4 | 9.603f | 8.249 | 492766 | 331867 | 7.326 | 0.866 # |
| 45) L9 | AR-1268-5 | 10.088 | 8.557 | 156724 | 371341 | 0.423 | 0.118 # |

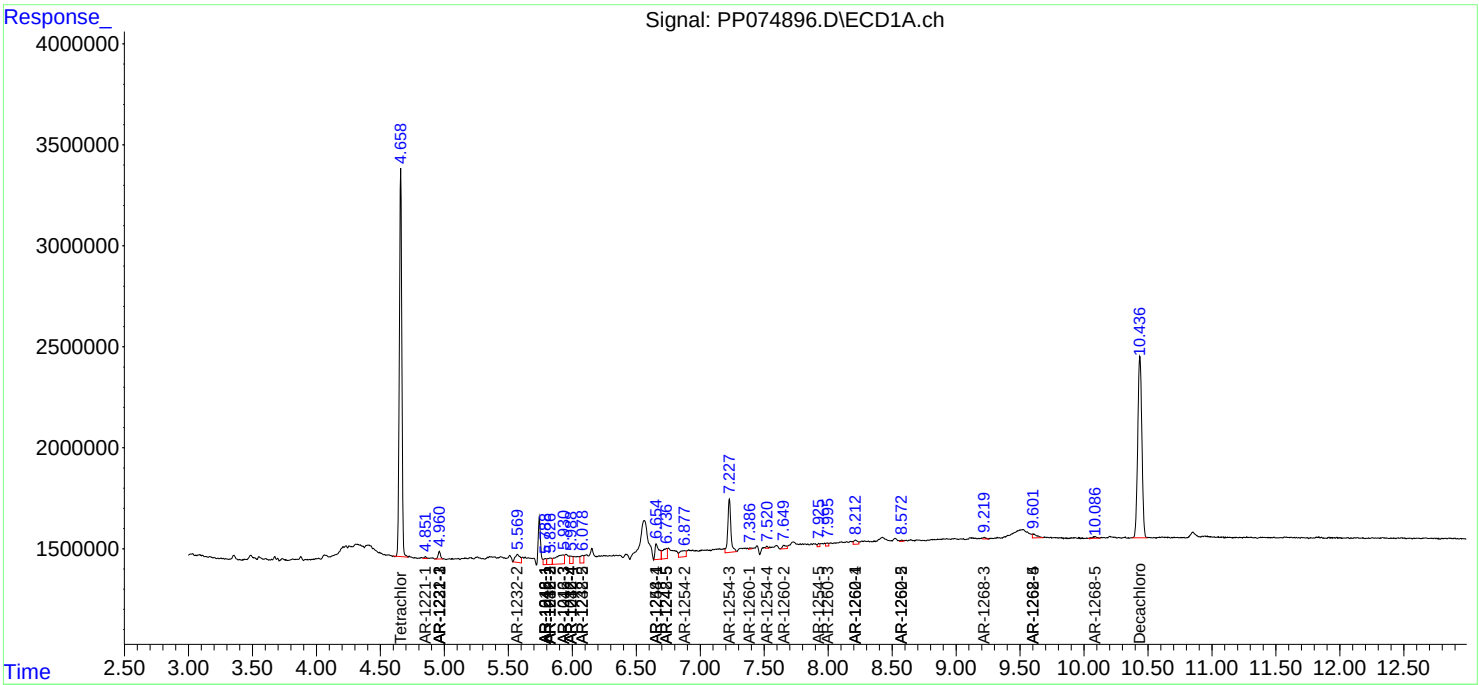
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

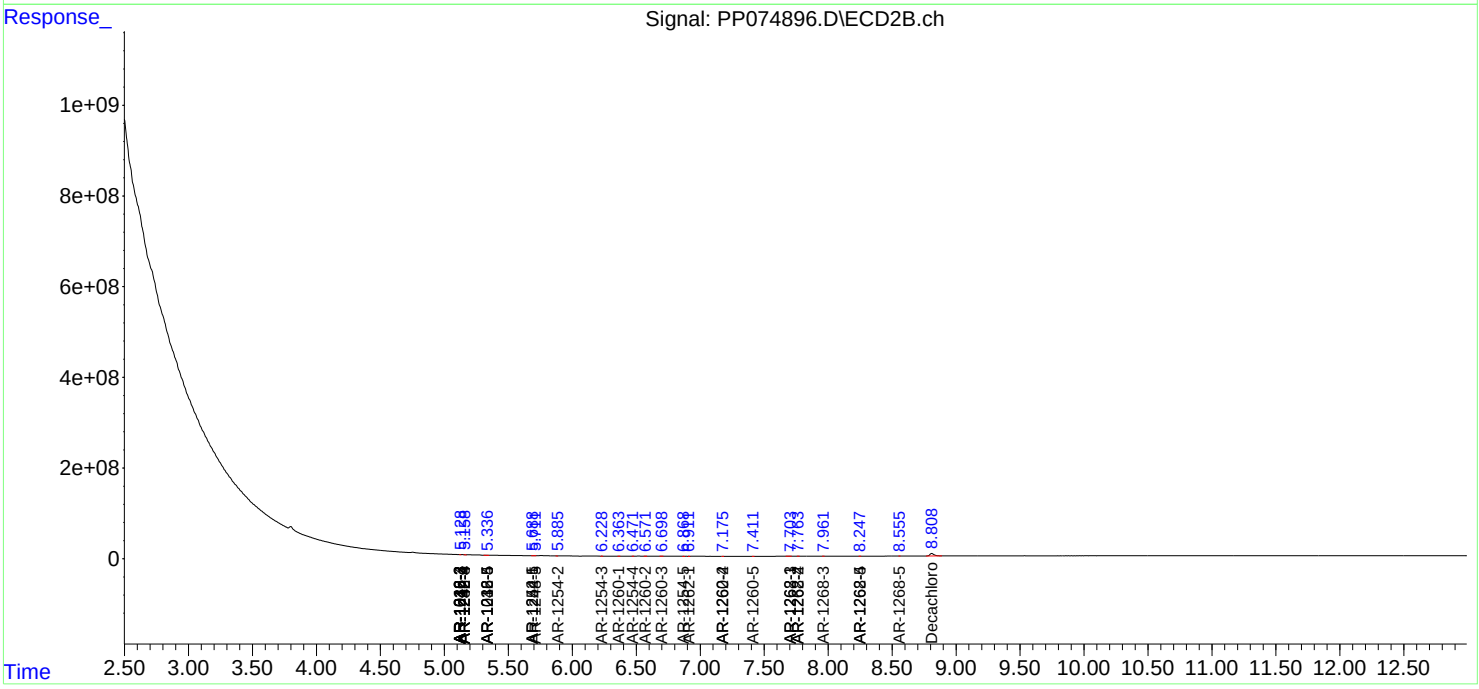
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:19
Operator : YP\AJ
Sample : Q3017-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

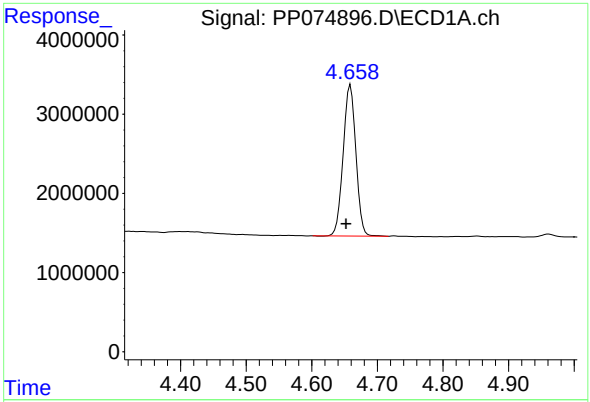
**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



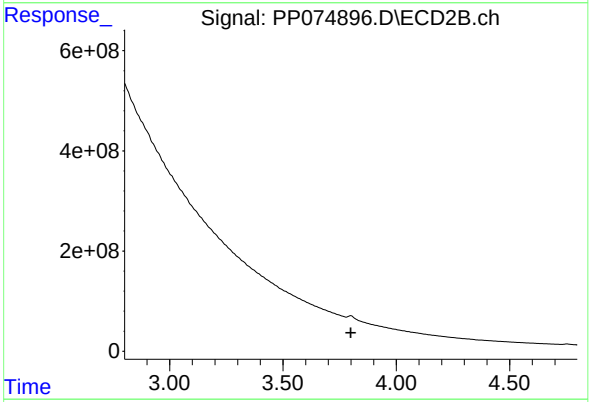






#1 Tetrachloro-m-xylene

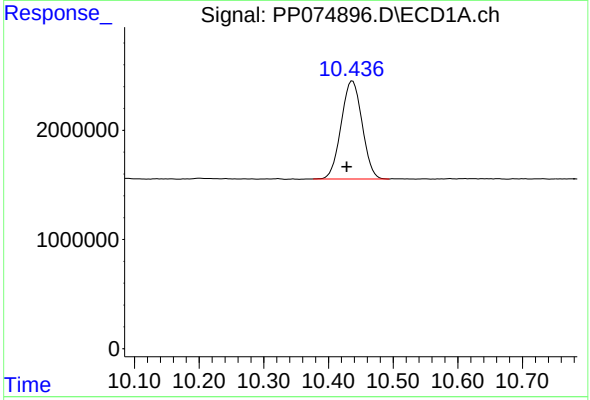
R.T.: 4.659 min
Delta R.T.: 0.007 min
Response: 25743119
Conc: 21.04 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



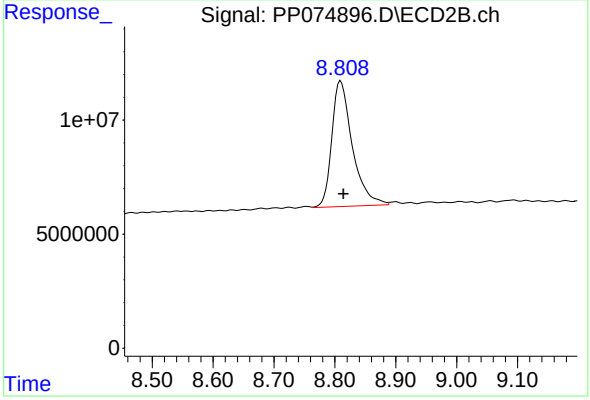

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: -978545680
Conc: N.D.



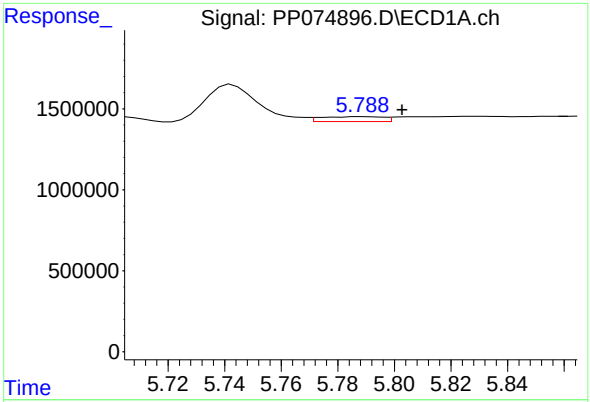

#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.009 min
Response: 20245158
Conc: 20.50 ng/ml




#2 Decachlorobiphenyl

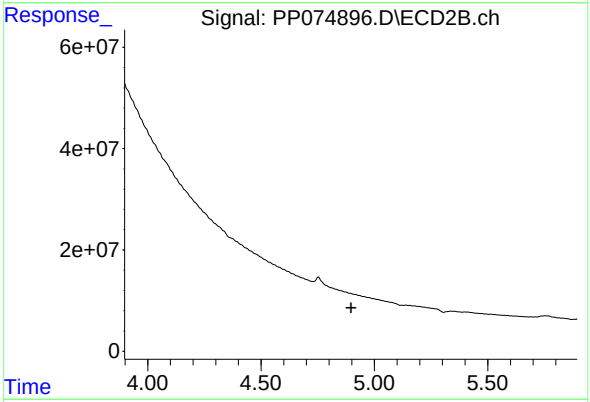
R.T.: 8.810 min
Delta R.T.: -0.004 min
Response: 129143248
Conc: 17.22 ng/ml




#3 AR-1016-1

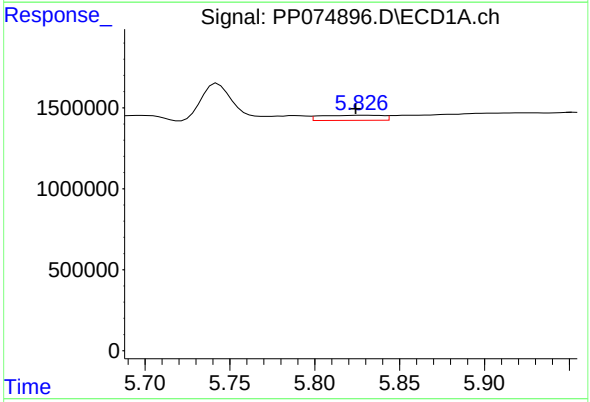
R.T.: 5.789 min
Delta R.T.: -0.014 min
Response: 465111
Conc: 10.55 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



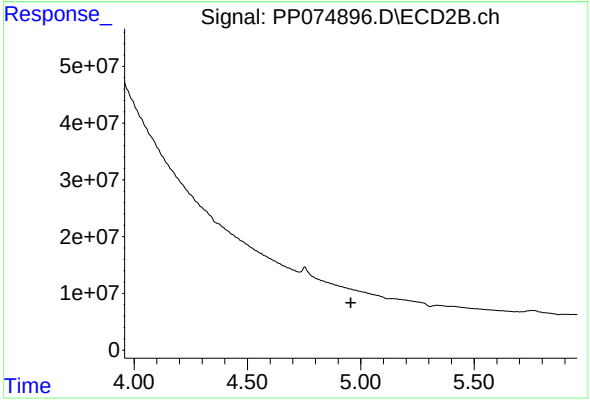

#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



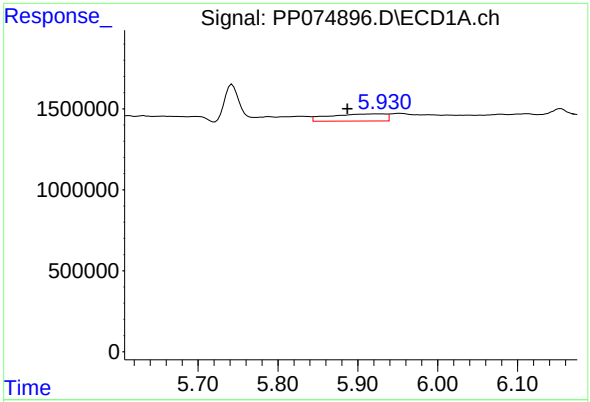

#4 AR-1016-2

R.T.: 5.828 min
Delta R.T.: 0.004 min
Response: 800253
Conc: 12.73 ng/ml




#4 AR-1016-2

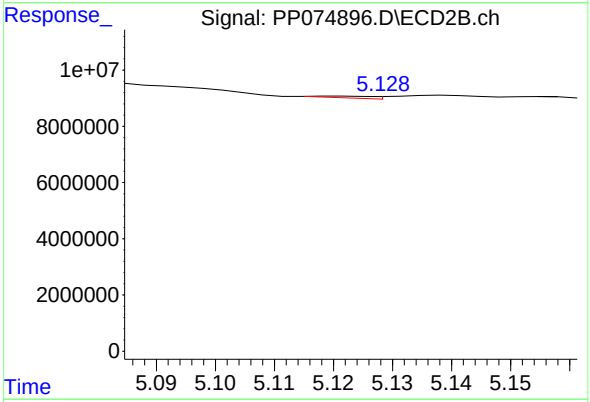
R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.




#5 AR-1016-3

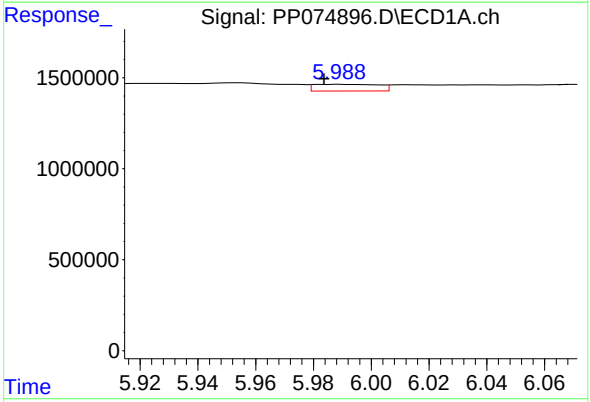
R.T.: 5.931 min
Delta R.T.: 0.044 min
Response: 2150166
Conc: 47.87 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



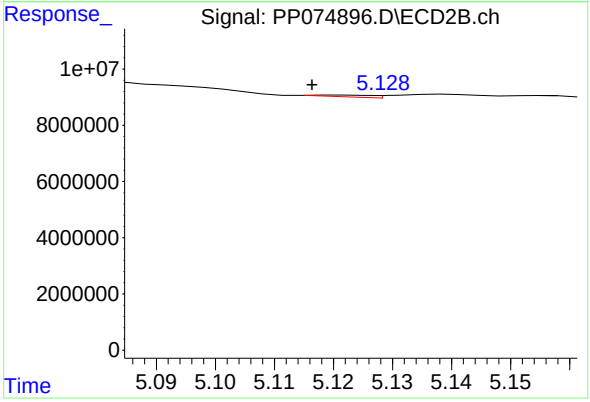

#5 AR-1016-3

R.T.: 5.121 min
Delta R.T.: 0.046 min
Response: 446341
Conc: 3.24 ng/ml



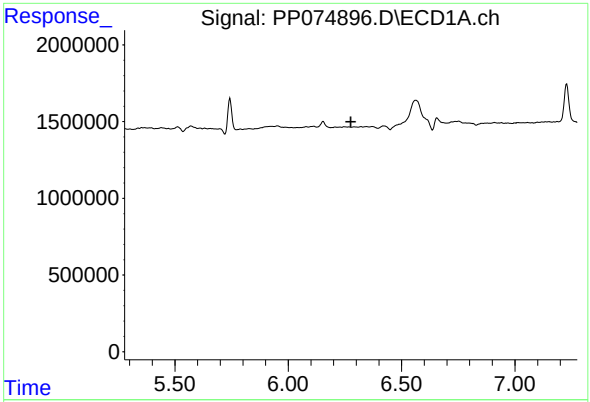

#6 AR-1016-4

R.T.: 5.990 min
Delta R.T.: 0.006 min
Response: 570504
Conc: 16.22 ng/ml




#6 AR-1016-4

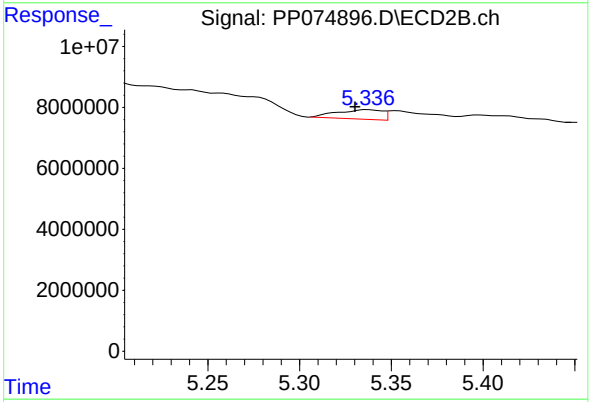
R.T.: 5.121 min
Delta R.T.: 0.005 min
Response: 446341
Conc: 3.19 ng/ml




#7 AR-1016-5

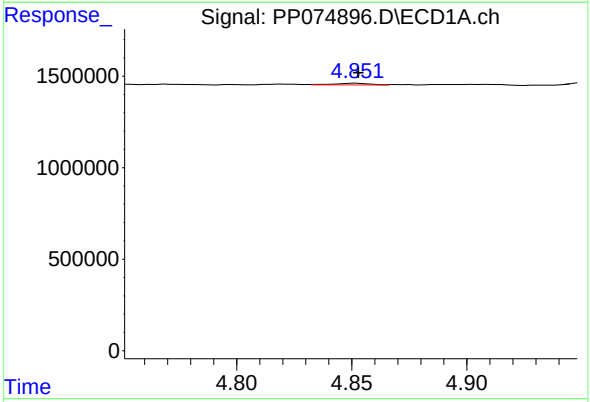
R.T.: 0.000 min
Exp R.T. : 6.276 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



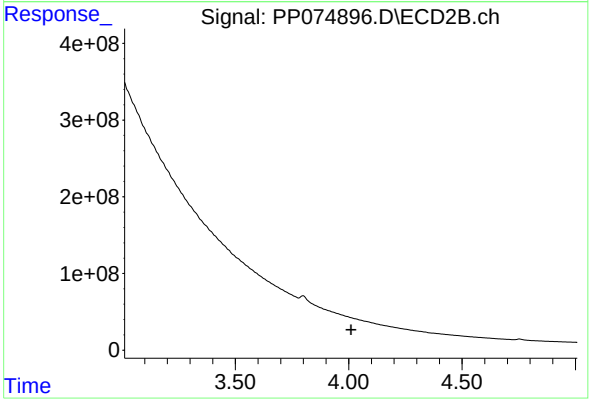

#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: 0.007 min
Response: 5290101
Conc: 31.85 ng/ml



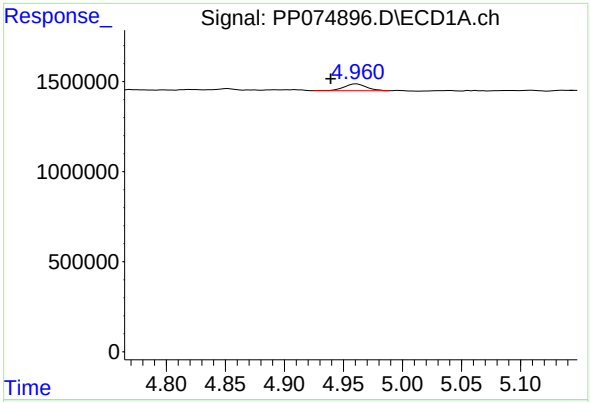

#8 AR-1221-1

R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 104185
Conc: 5.92 ng/ml




#8 AR-1221-1

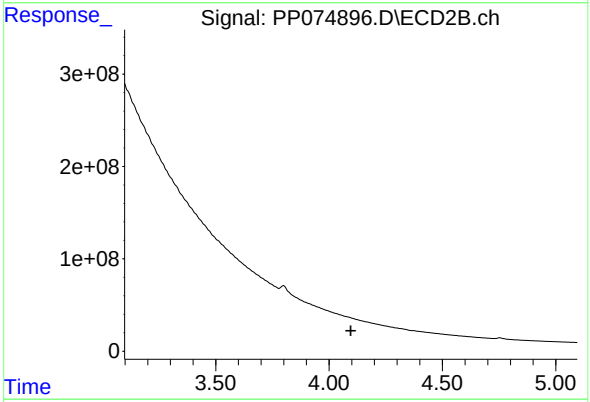
R.T.: 0.000 min
Exp R.T. : 4.011 min
Response: 0
Conc: N.D.




#9 AR-1221-2

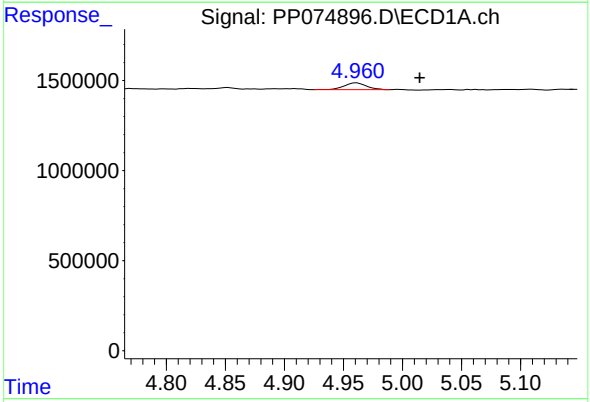
R.T.: 4.961 min
Delta R.T.: 0.022 min
Response: 501286
Conc: 37.53 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



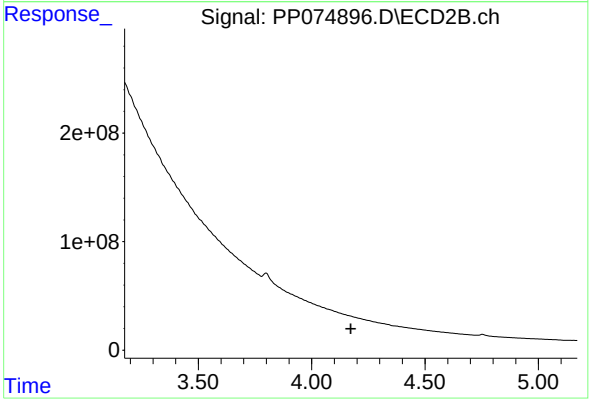

#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.097 min
Response: 0
Conc: N.D.



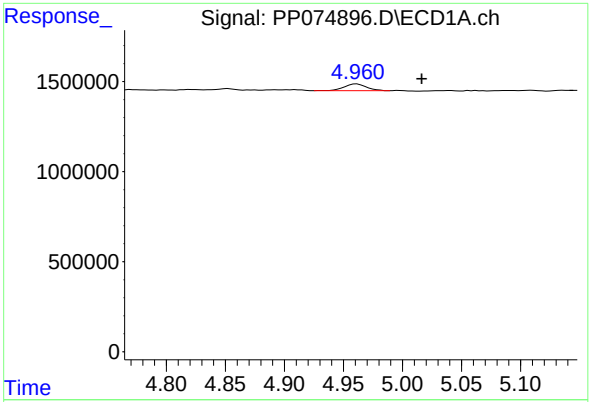

#10 AR-1221-3

R.T.: 4.961 min
Delta R.T.: -0.053 min
Response: 501286
Conc: 13.22 ng/ml




#10 AR-1221-3

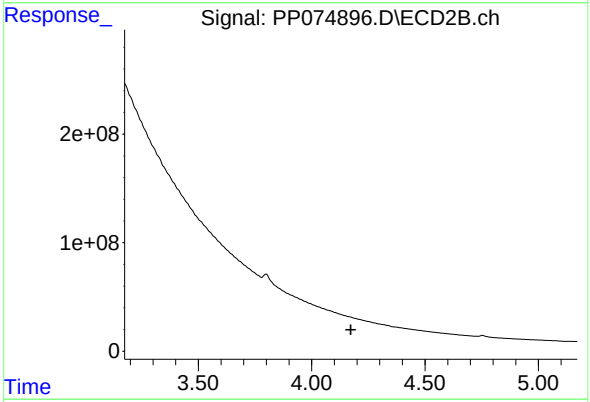
R.T.: 0.000 min
Exp R.T. : 4.173 min
Response: 0
Conc: N.D.




#11 AR-1232-1

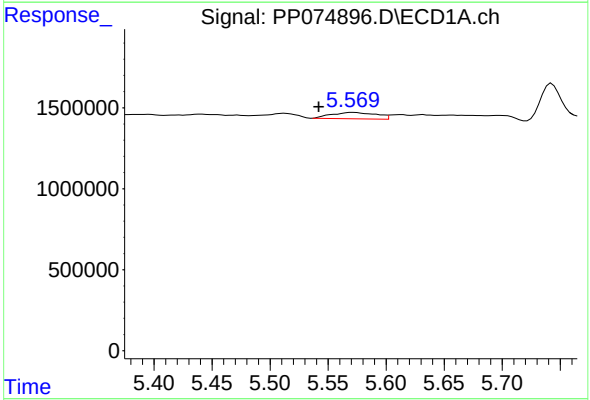
R.T.: 4.961 min
Delta R.T.: -0.055 min
Response: 501286
Conc: 16.50 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



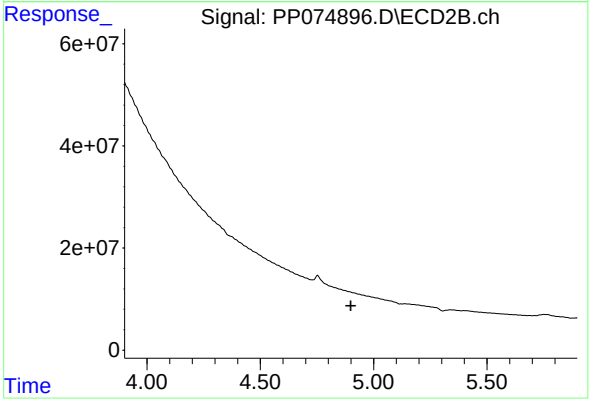

#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.172 min
Response: 0
Conc: N.D.



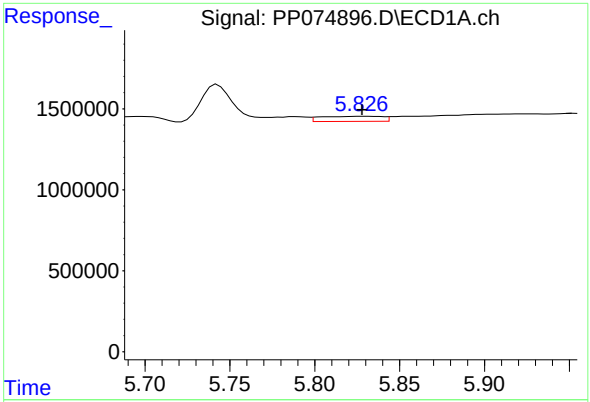

#12 AR-1232-2

R.T.: 5.571 min
Delta R.T.: 0.029 min
Response: 1053053
Conc: 66.83 ng/ml




#12 AR-1232-2

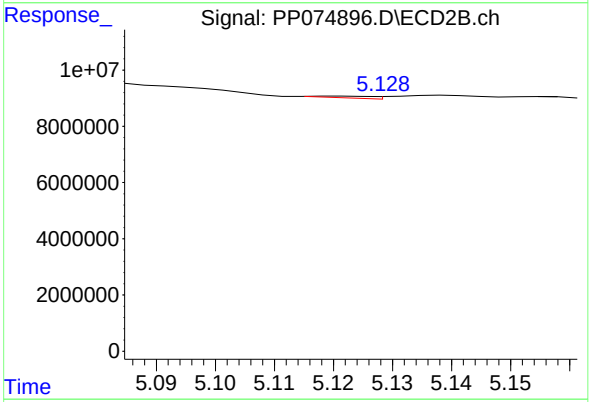
R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.




#13 AR-1232-3

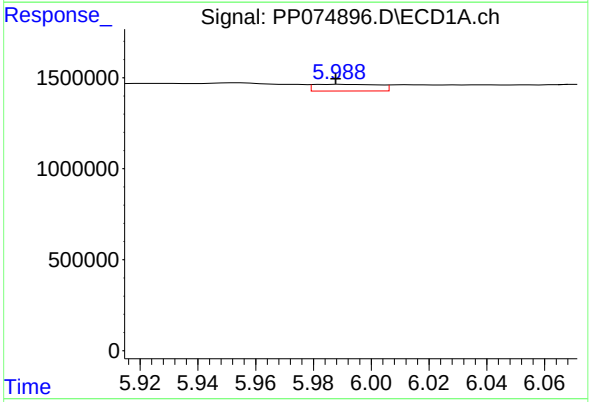
R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 800253
Conc: 26.20 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



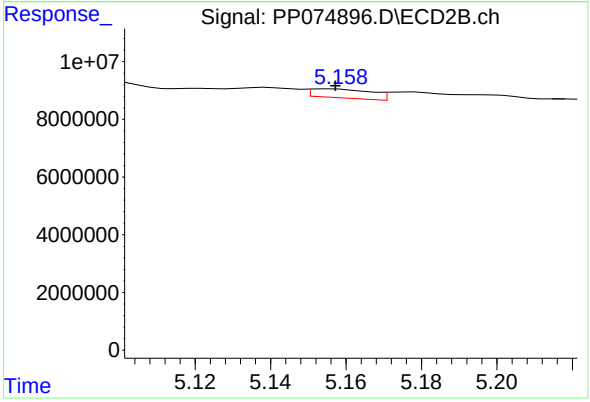

#13 AR-1232-3

R.T.: 5.121 min
Delta R.T.: 0.045 min
Response: 446341
Conc: 7.43 ng/ml



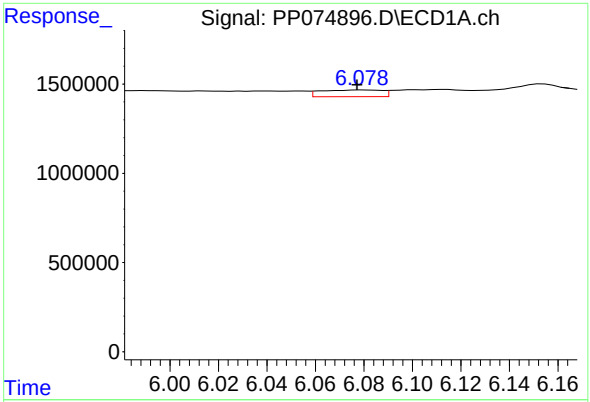

#14 AR-1232-4

R.T.: 5.990 min
Delta R.T.: 0.002 min
Response: 570504
Conc: 33.04 ng/ml




#14 AR-1232-4

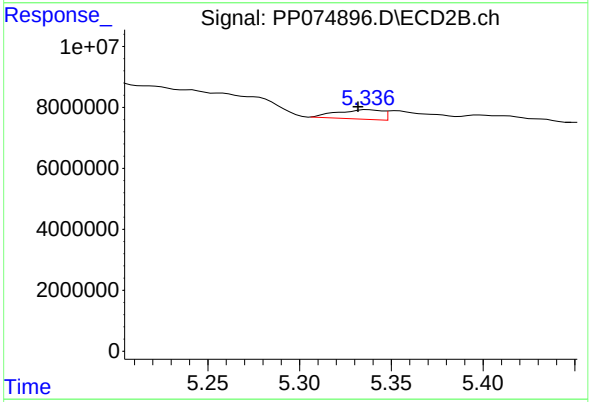
R.T.: 5.156 min
Delta R.T.: -0.001 min
Response: 3439736
Conc: 46.67 ng/ml




#15 AR-1232-5

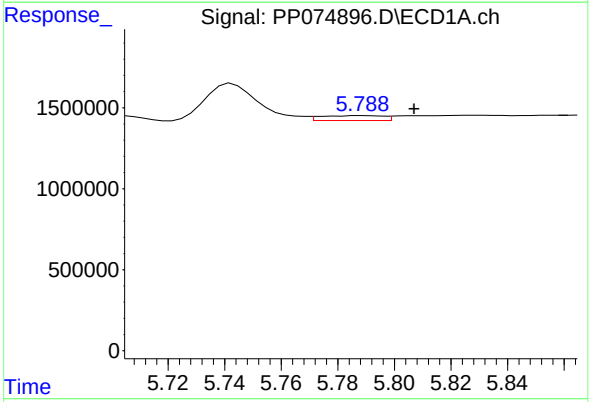
R.T.: 6.080 min
Delta R.T.: 0.003 min
Response: 655557
Conc: 50.50 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



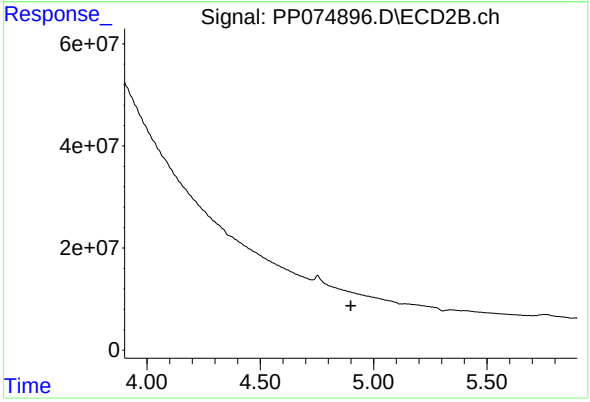

#15 AR-1232-5

R.T.: 5.337 min
Delta R.T.: 0.006 min
Response: 5290101
Conc: 85.21 ng/ml



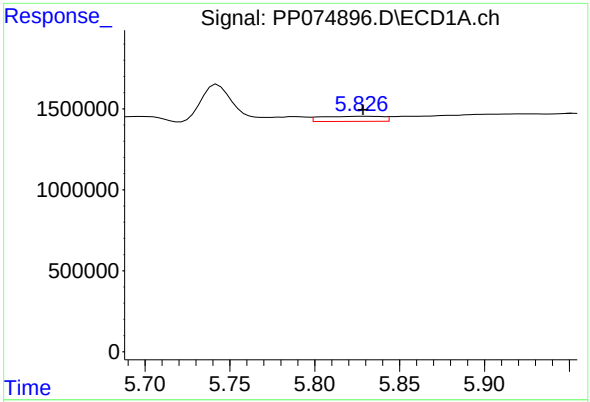

#16 AR-1242-1

R.T.: 5.789 min
Delta R.T.: -0.018 min
Response: 465111
Conc: 12.15 ng/ml




#16 AR-1242-1

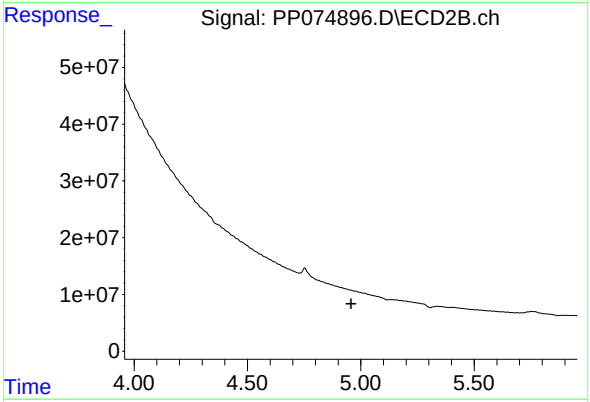
R.T.: 0.000 min
Exp R.T. : 4.900 min
Response: 0
Conc: N.D.




#17 AR-1242-2

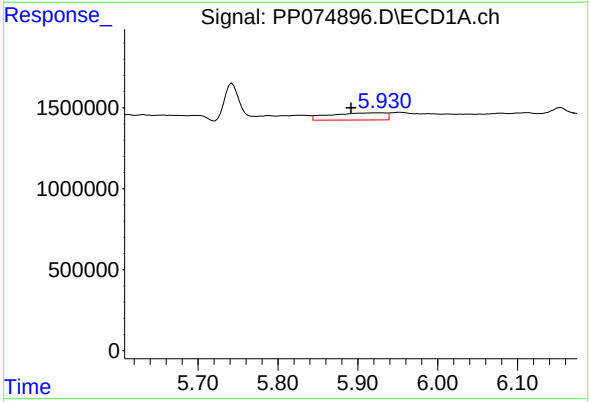
R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 800253
Conc: 14.17 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



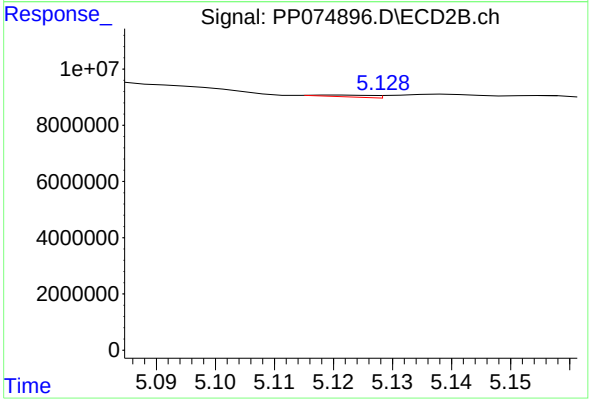

#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.957 min
Response: 0
Conc: N.D.



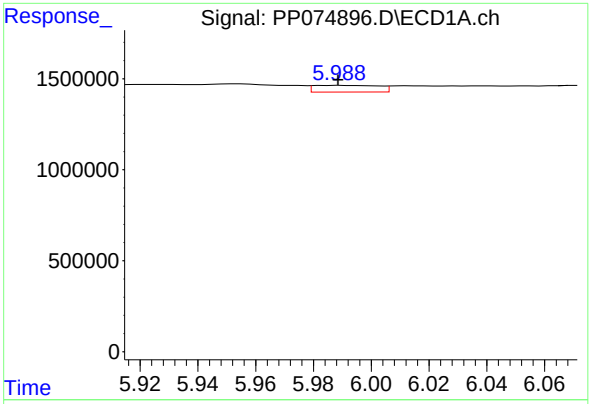

#18 AR-1242-3

R.T.: 5.931 min
Delta R.T.: 0.039 min
Response: 2150166
Conc: 52.96 ng/ml




#18 AR-1242-3

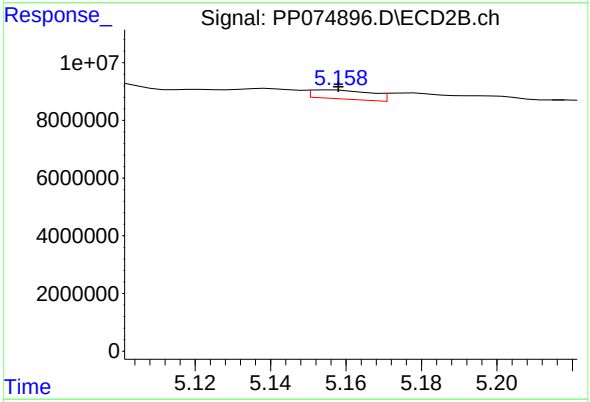
R.T.: 5.121 min
Delta R.T.: 0.045 min
Response: 446341
Conc: 3.77 ng/ml




#19 AR-1242-4

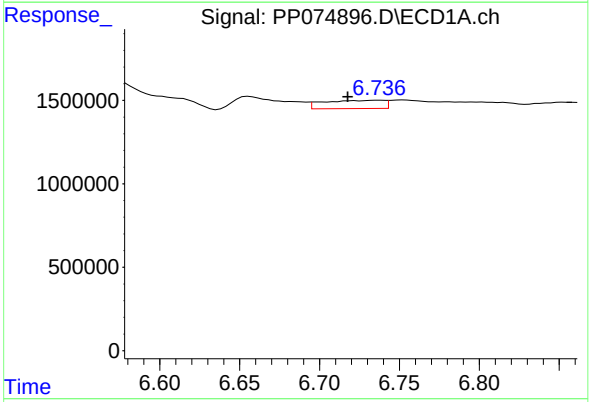
R.T.: 5.990 min
Delta R.T.: 0.001 min
Response: 570504
Conc: 17.97 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



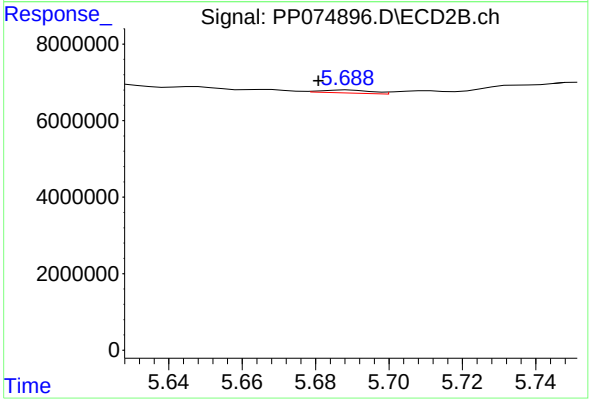

#19 AR-1242-4

R.T.: 5.156 min
Delta R.T.: -0.002 min
Response: 3439736
Conc: 20.10 ng/ml



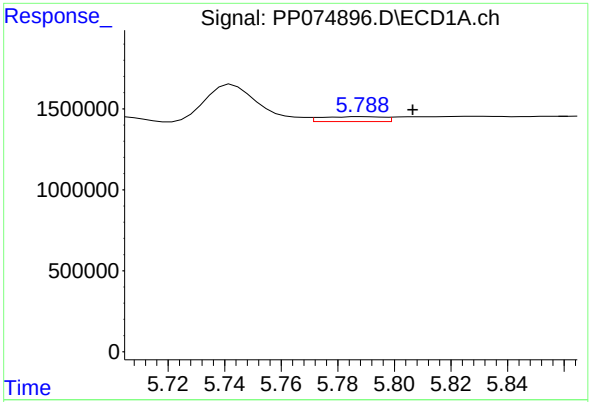

#20 AR-1242-5

R.T.: 6.737 min
Delta R.T.: 0.019 min
Response: 1304462
Conc: 36.16 ng/ml




#20 AR-1242-5

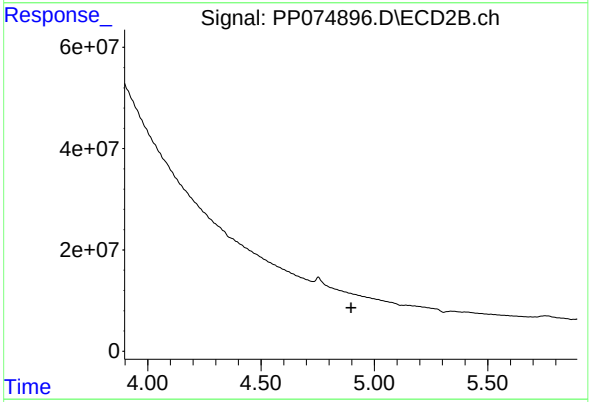
R.T.: 5.689 min
Delta R.T.: 0.008 min
Response: 735895
Conc: 3.97 ng/ml




#21 AR-1248-1

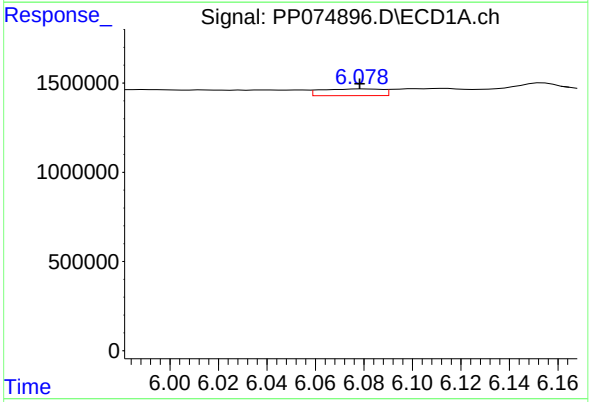
R.T.: 5.789 min
Delta R.T.: -0.017 min
Response: 465111
Conc: 15.39 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



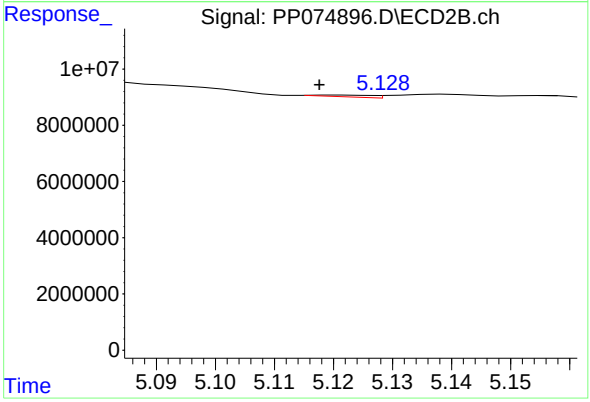

#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



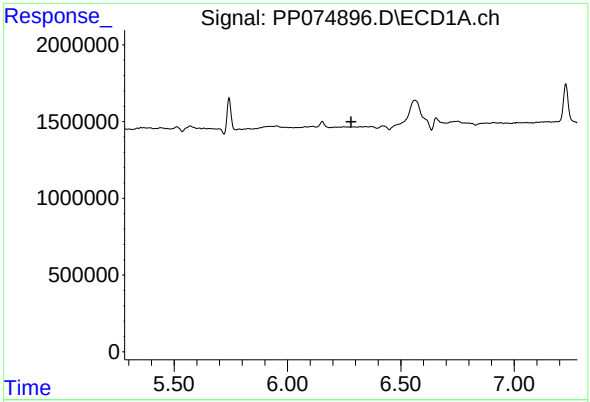

#22 AR-1248-2

R.T.: 6.080 min
Delta R.T.: 0.002 min
Response: 655557
Conc: 15.21 ng/ml




#22 AR-1248-2

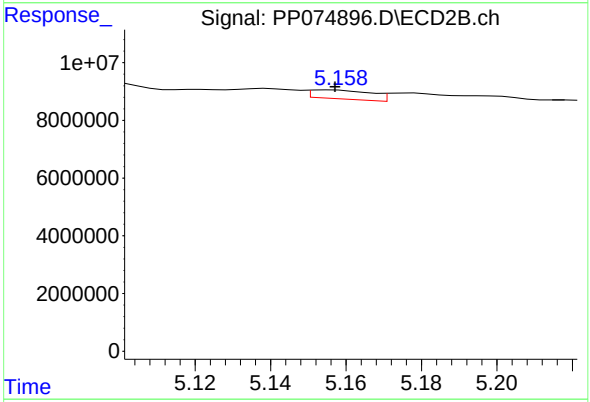
R.T.: 5.121 min
Delta R.T.: 0.004 min
Response: 446341
Conc: 2.53 ng/ml




#23 AR-1248-3

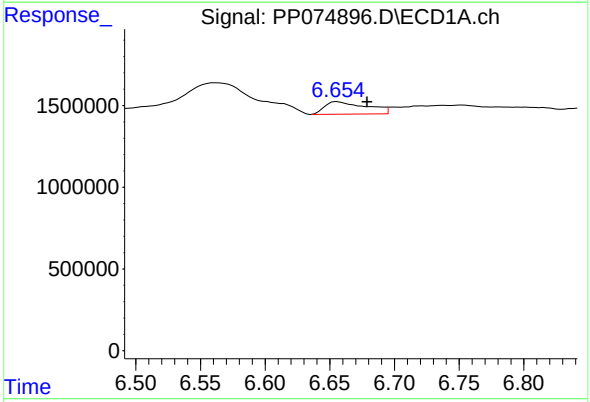
R.T.: 0.000 min
Exp R.T. : 6.281 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



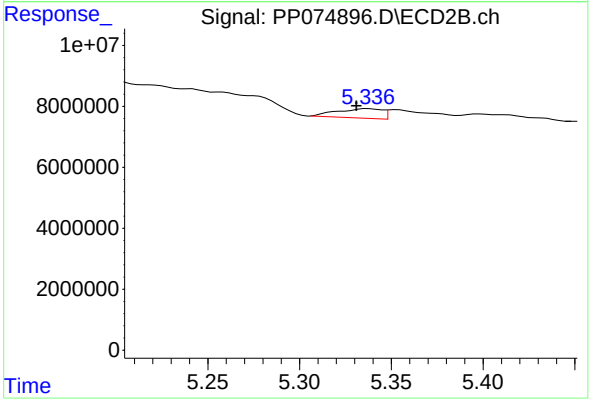

#23 AR-1248-3

R.T.: 5.156 min
Delta R.T.: -0.001 min
Response: 3439736
Conc: 15.14 ng/ml



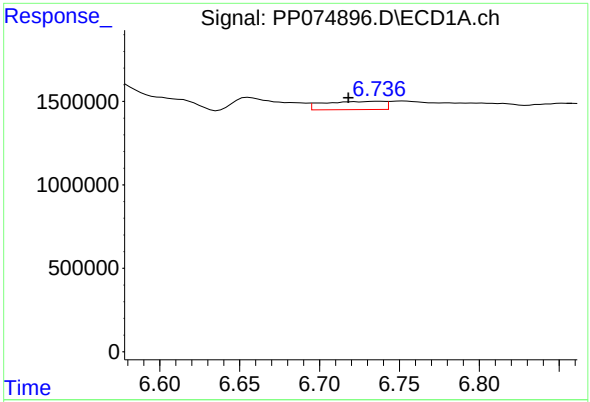

#24 AR-1248-4

R.T.: 6.656 min
Delta R.T.: -0.023 min
Response: 1719217
Conc: 31.26 ng/ml




#24 AR-1248-4

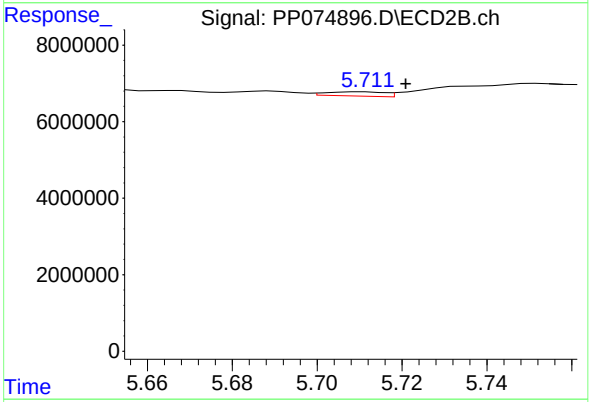
R.T.: 5.337 min
Delta R.T.: 0.007 min
Response: 5290101
Conc: 24.26 ng/ml




#25 AR-1248-5

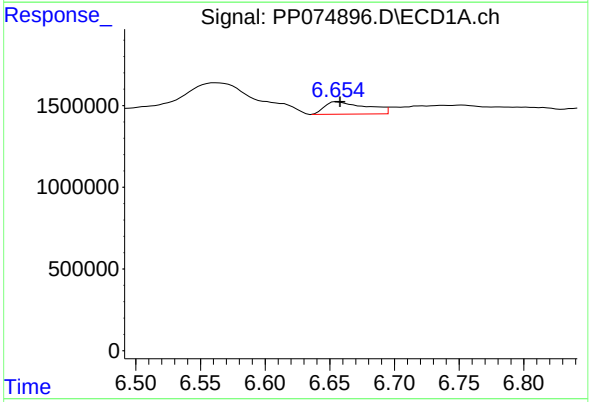
R.T.: 6.737 min
Delta R.T.: 0.019 min
Response: 1304462
Conc: 23.52 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



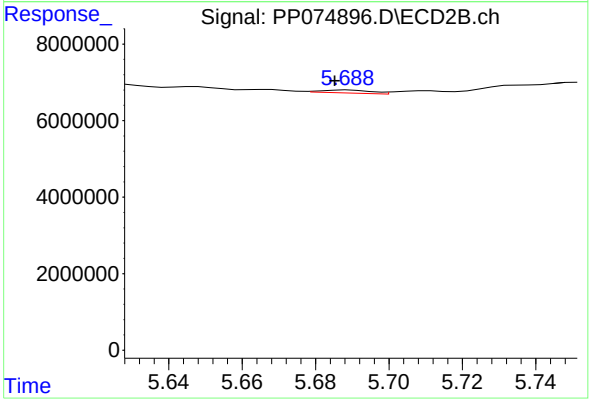

#25 AR-1248-5

R.T.: 5.711 min
Delta R.T.: -0.010 min
Response: 1047596
Conc: 2.85 ng/ml



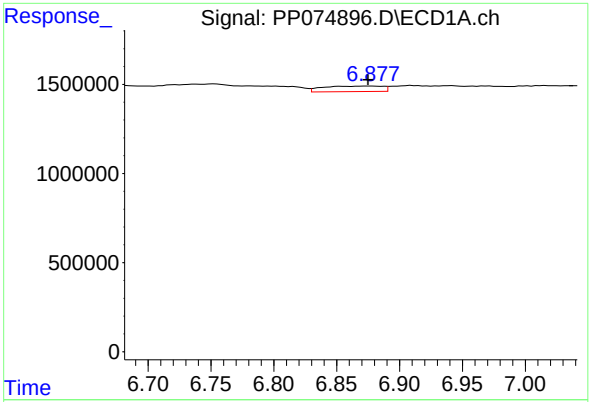

#26 AR-1254-1

R.T.: 6.656 min
Delta R.T.: -0.002 min
Response: 1719217
Conc: 29.50 ng/ml




#26 AR-1254-1

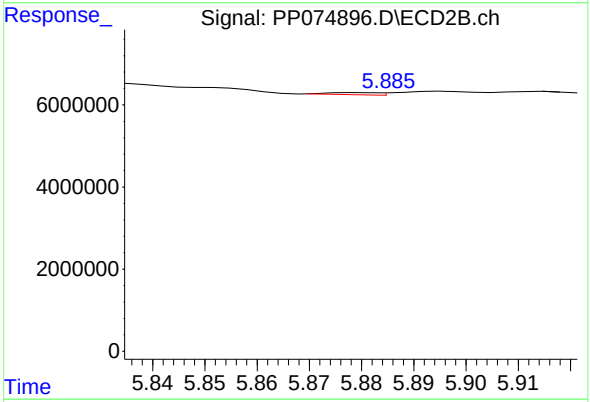
R.T.: 5.689 min
Delta R.T.: 0.004 min
Response: 735895
Conc: 1.54 ng/ml




#27 AR-1254-2

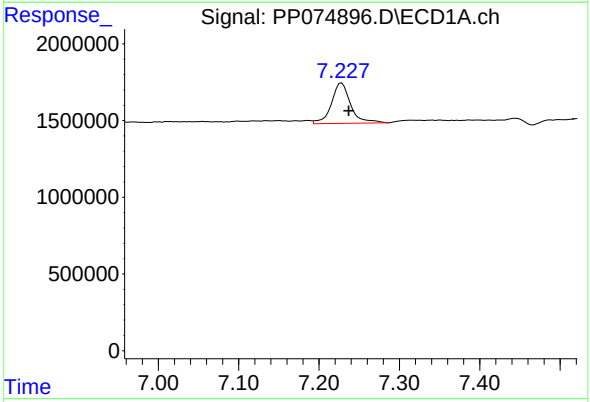
R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 1011836
Conc: 12.40 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



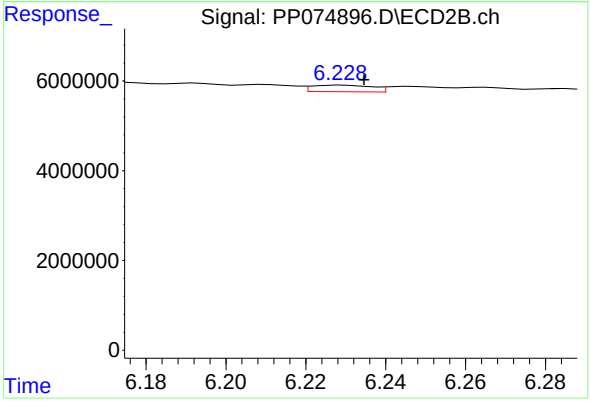

#27 AR-1254-2

R.T.: 5.880 min
Delta R.T.: 0.048 min
Response: 346547
Conc: 0.98 ng/ml



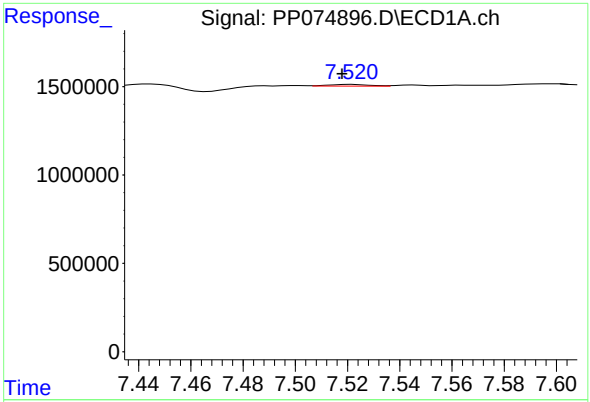

#28 AR-1254-3

R.T.: 7.228 min
Delta R.T.: -0.009 min
Response: 4354878
Conc: 48.82 ng/ml




#28 AR-1254-3

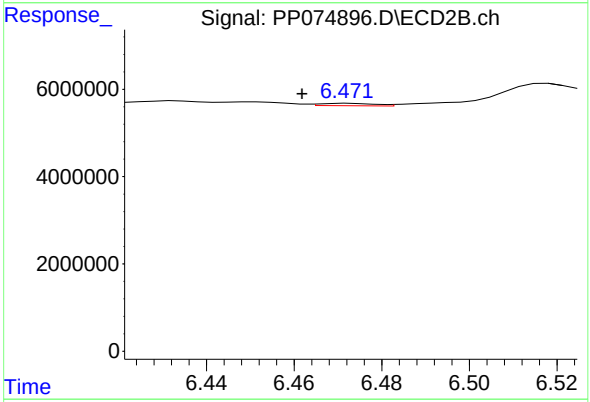
R.T.: 6.229 min
Delta R.T.: -0.005 min
Response: 1530170
Conc: 2.47 ng/ml




#29 AR-1254-4

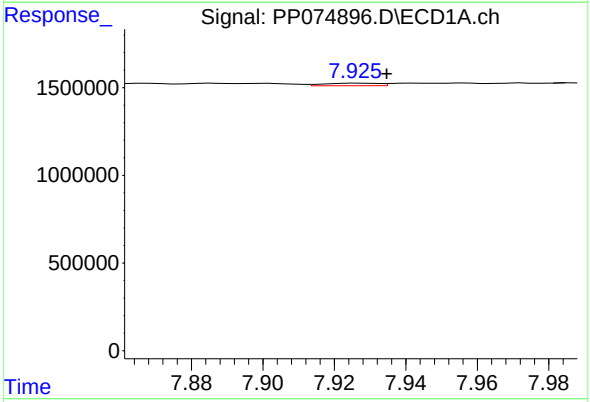
R.T.: 7.522 min
Delta R.T.: 0.004 min
Response: 111454
Conc: 1.69 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



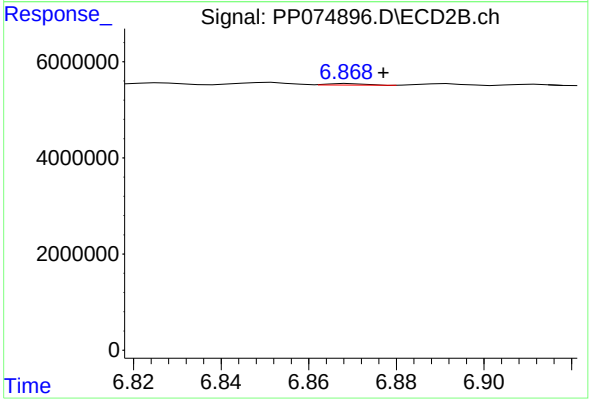

#29 AR-1254-4

R.T.: 6.473 min
Delta R.T.: 0.011 min
Response: 479926
Conc: 1.02 ng/ml



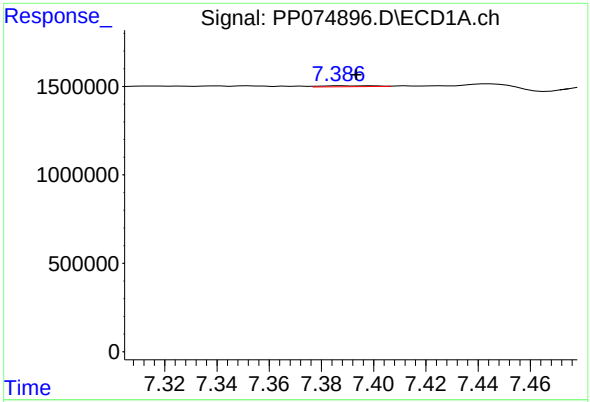

#30 AR-1254-5

R.T.: 7.927 min
Delta R.T.: -0.008 min
Response: 159444
Conc: 1.92 ng/ml




#30 AR-1254-5

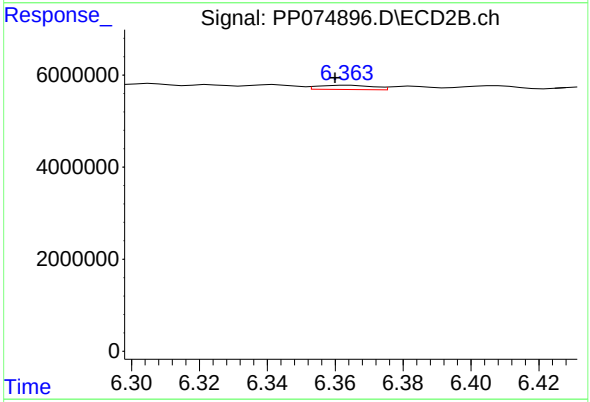
R.T.: 6.869 min
Delta R.T.: -0.008 min
Response: 197112
Conc: 0.40 ng/ml




#31 AR-1260-1

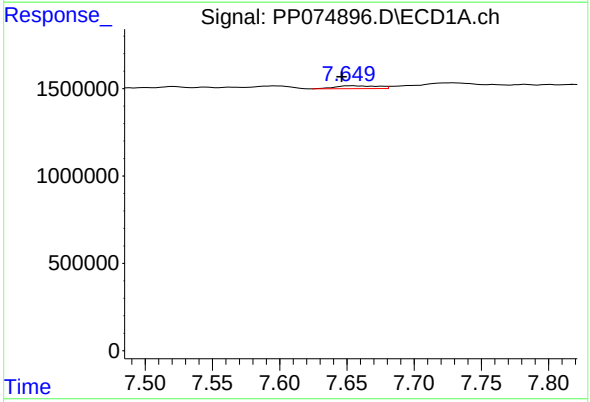
R.T.: 7.387 min
Delta R.T.: -0.006 min
Response: 70063
Conc: 1.21 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



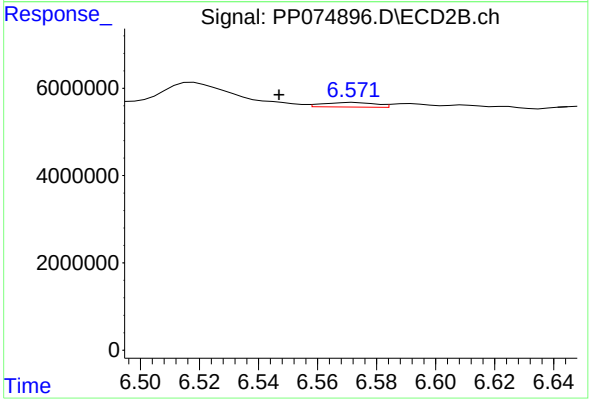

#31 AR-1260-1

R.T.: 6.364 min
Delta R.T.: 0.004 min
Response: 1035926
Conc: 2.76 ng/ml



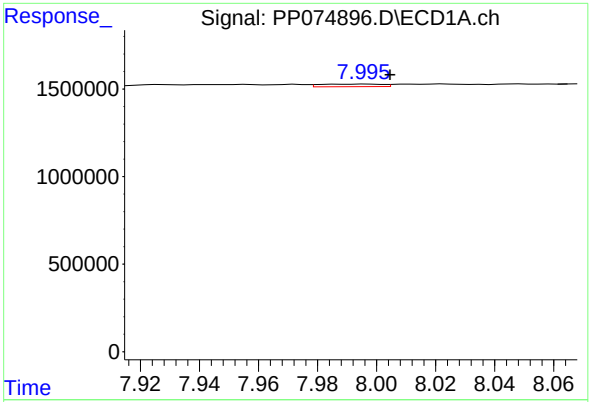

#32 AR-1260-2

R.T.: 7.654 min
Delta R.T.: 0.008 min
Response: 361342
Conc: 5.24 ng/ml




#32 AR-1260-2

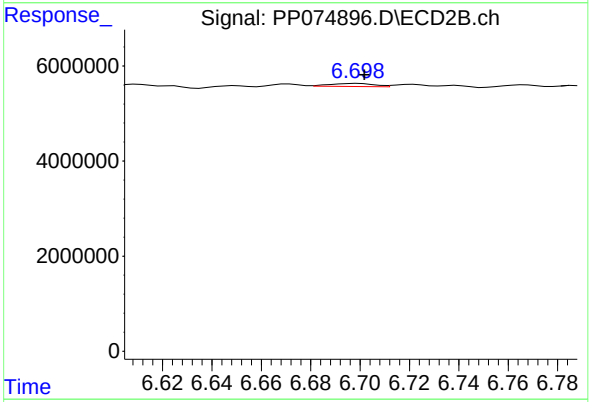
R.T.: 6.573 min
Delta R.T.: 0.026 min
Response: 1316546
Conc: 2.49 ng/ml




#33 AR-1260-3

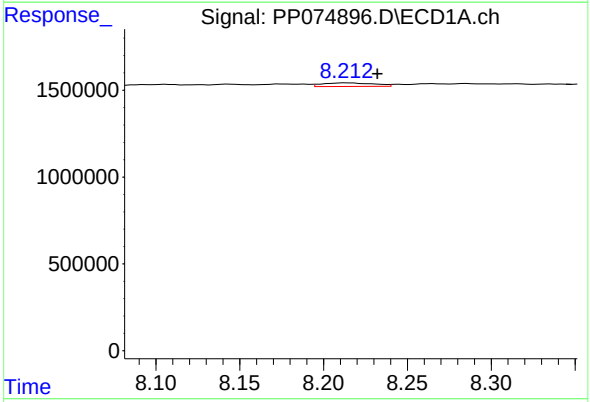
R.T.: 7.997 min
Delta R.T.: -0.008 min
Response: 216509
Conc: 4.17 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



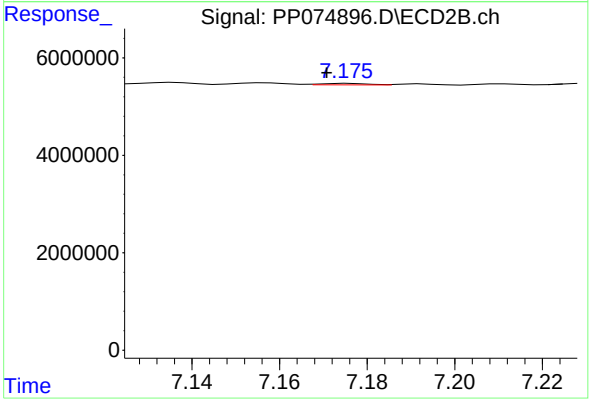

#33 AR-1260-3

R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 800379
Conc: 1.85 ng/ml



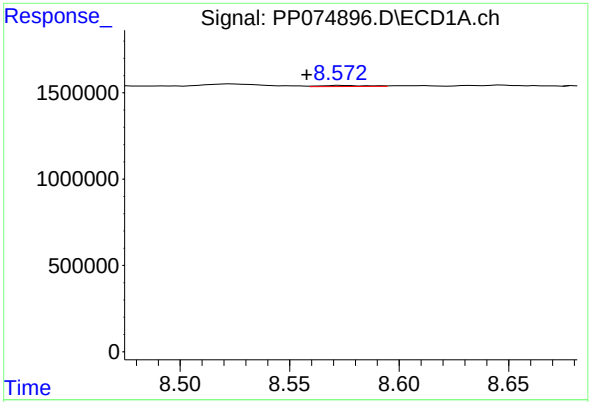

#34 AR-1260-4

R.T.: 8.214 min
Delta R.T.: -0.018 min
Response: 434830
Conc: 6.82 ng/ml




#34 AR-1260-4

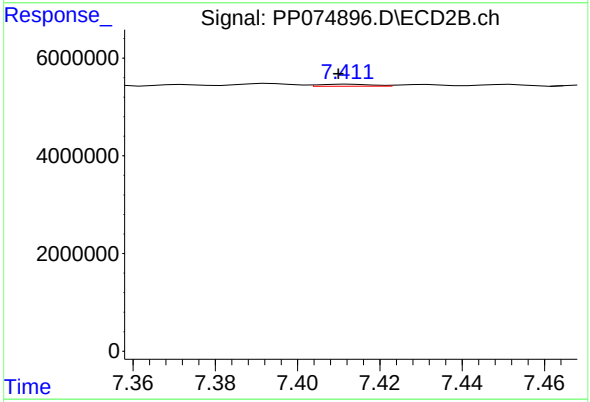
R.T.: 7.176 min
Delta R.T.: 0.005 min
Response: 225821
Conc: 0.59 ng/ml




#35 AR-1260-5

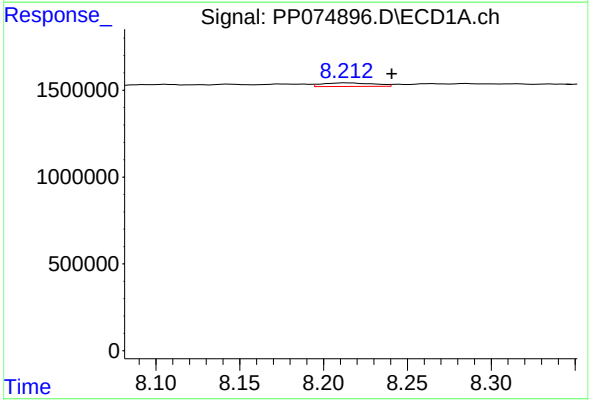
R.T.: 8.574 min
Delta R.T.: 0.016 min
Response: 93290
Conc: 0.82 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



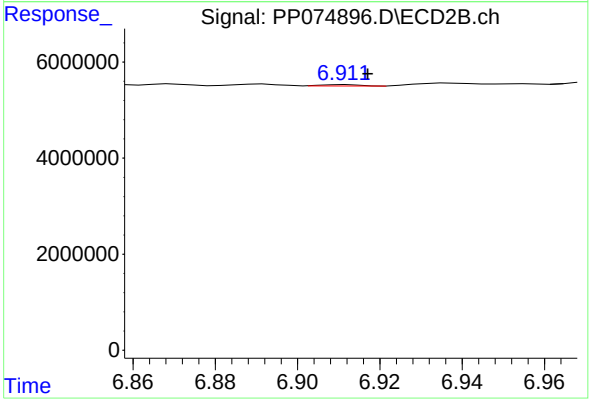

#35 AR-1260-5

R.T.: 7.413 min
Delta R.T.: 0.003 min
Response: 379334
Conc: 0.38 ng/ml



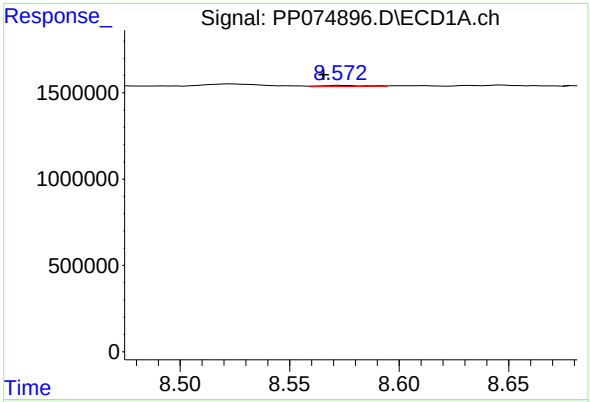

#36 AR-1262-1

R.T.: 8.214 min
Delta R.T.: -0.027 min
Response: 434830
Conc: 5.65 ng/ml




#36 AR-1262-1

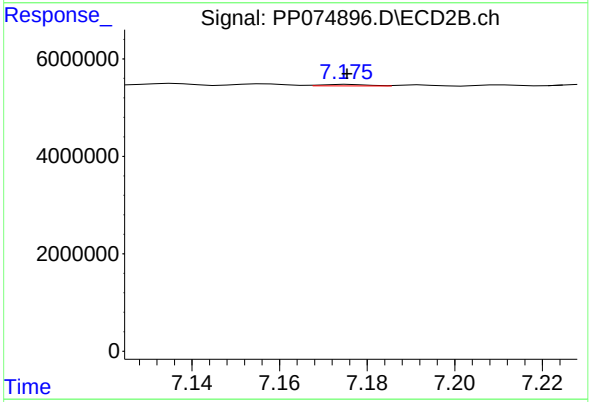
R.T.: 6.912 min
Delta R.T.: -0.005 min
Response: 179924
Conc: 0.25 ng/ml




#37 AR-1262-2

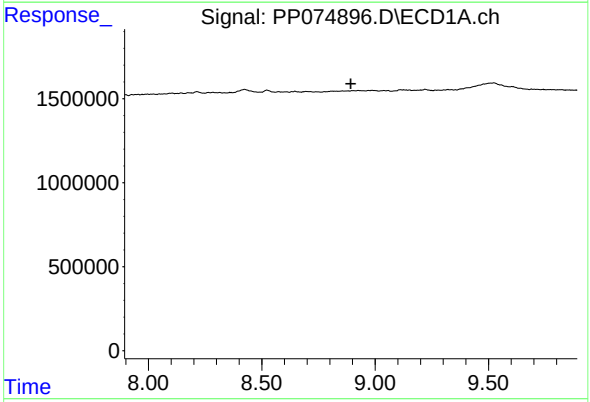
R.T.: 8.574 min
Delta R.T.: 0.008 min
Response: 93290
Conc: 0.70 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



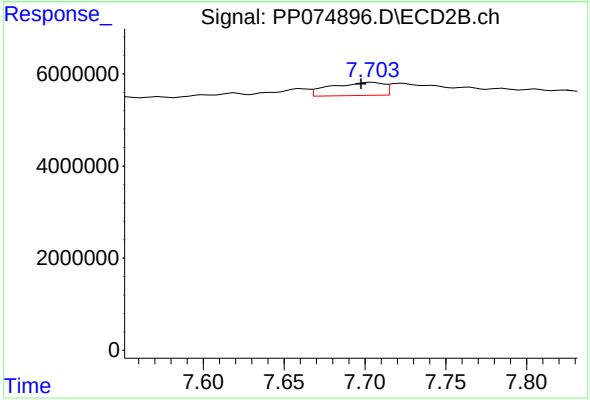

#37 AR-1262-2

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 225821
Conc: 0.43 ng/ml



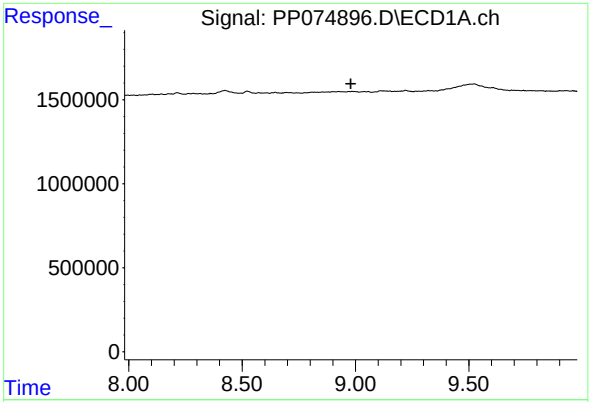

#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.892 min
Response: 0
Conc: N.D.




#38 AR-1262-3

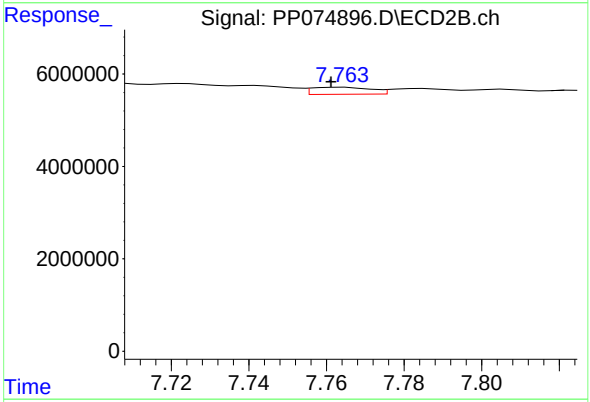
R.T.: 7.704 min
Delta R.T.: 0.007 min
Response: 6496161
Conc: 13.93 ng/ml




#39 AR-1262-4

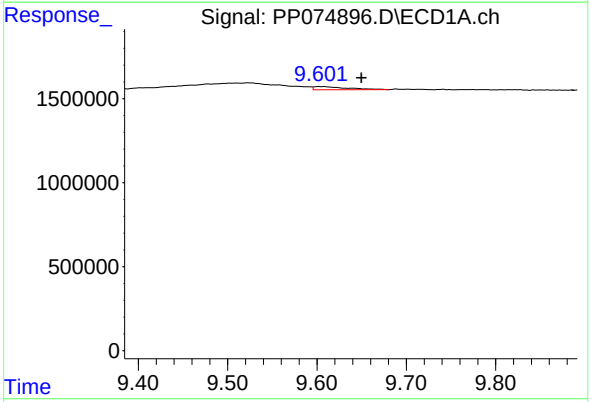
R.T.: 0.000 min
Exp R.T. : 8.979 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



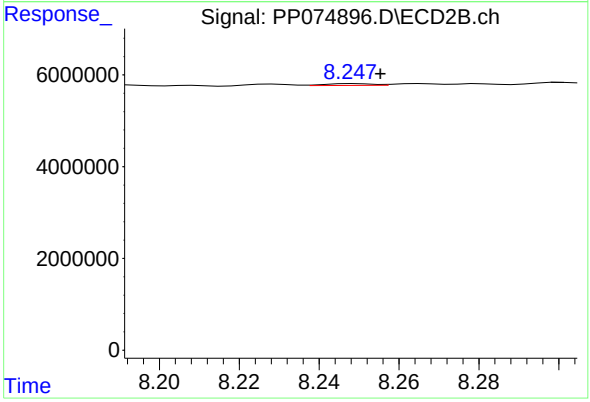

#39 AR-1262-4

R.T.: 7.764 min
Delta R.T.: 0.003 min
Response: 1627429
Conc: 1.98 ng/ml



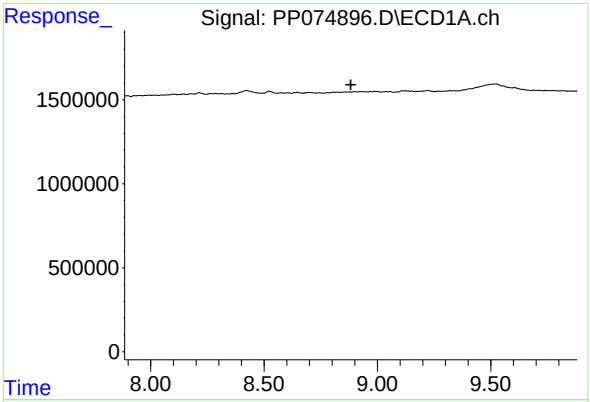

#40 AR-1262-5

R.T.: 9.603 min
Delta R.T.: -0.047 min
Response: 492766
Conc: 8.08 ng/ml




#40 AR-1262-5

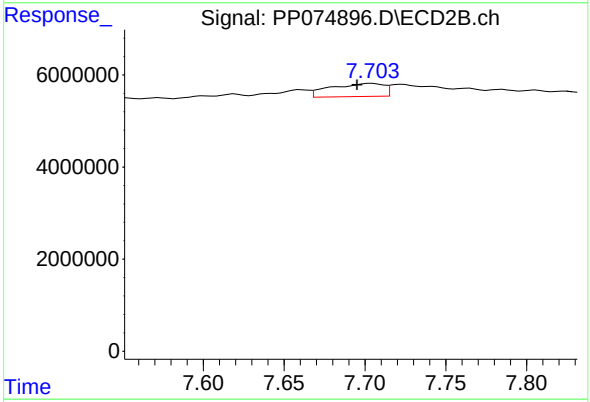
R.T.: 8.249 min
Delta R.T.: -0.007 min
Response: 331867
Conc: 0.93 ng/ml




#41 AR-1268-1

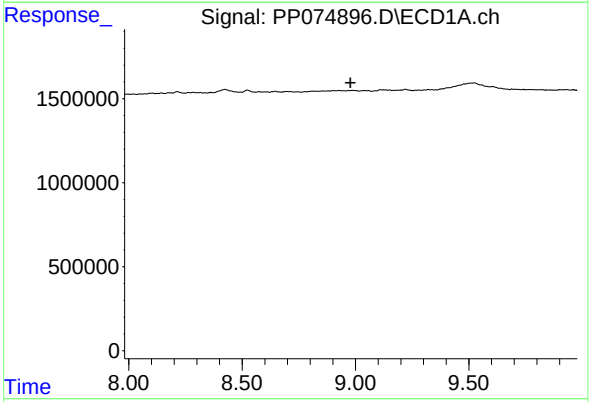
R.T.: 0.000 min
Exp R.T. : 8.883 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



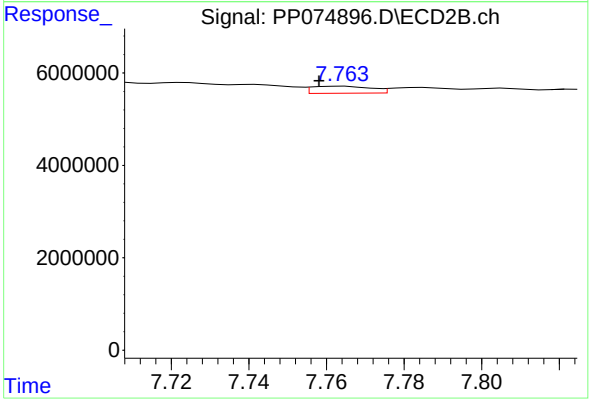

#41 AR-1268-1

R.T.: 7.704 min
Delta R.T.: 0.009 min
Response: 6496161
Conc: 4.61 ng/ml



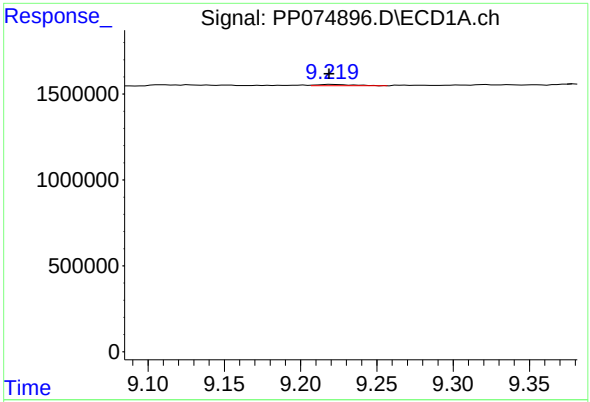

#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.978 min
Response: 0
Conc: N.D.




#42 AR-1268-2

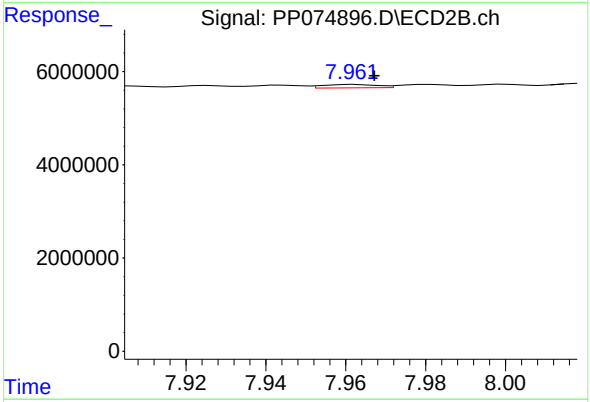
R.T.: 7.764 min
Delta R.T.: 0.006 min
Response: 1627429
Conc: 1.19 ng/ml




#43 AR-1268-3

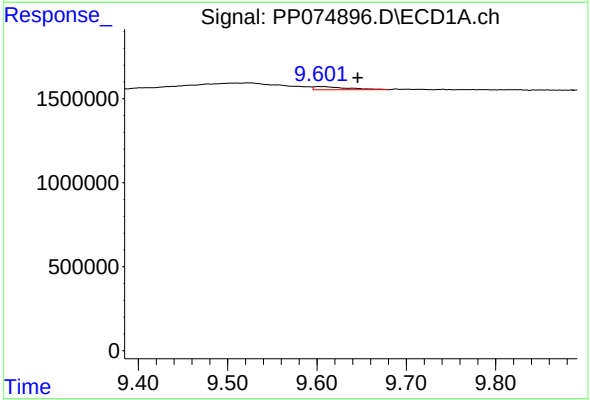
R.T.: 9.220 min
Delta R.T.: 0.002 min
Response: 107791
Conc: 0.87 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903



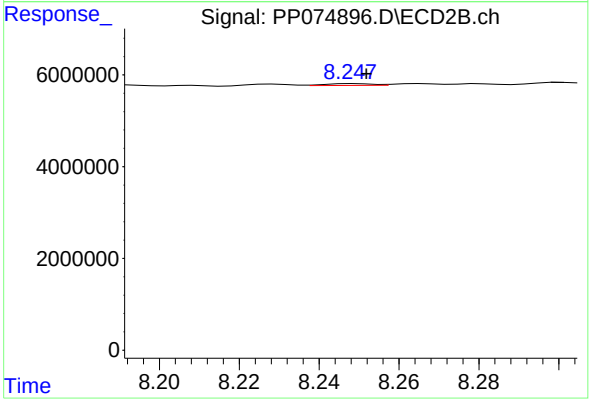

#43 AR-1268-3

R.T.: 7.962 min
Delta R.T.: -0.005 min
Response: 688449
Conc: 0.66 ng/ml



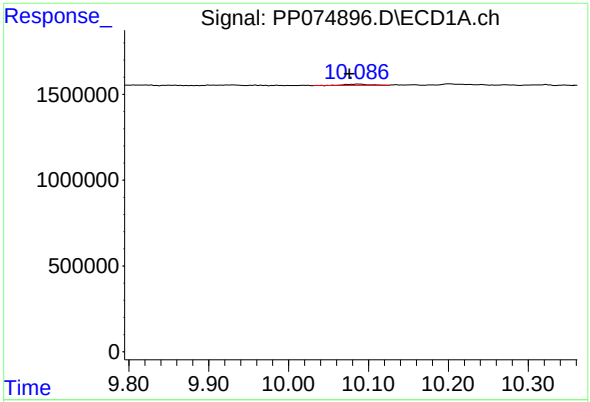

#44 AR-1268-4

R.T.: 9.603 min
Delta R.T.: -0.043 min
Response: 492766
Conc: 7.33 ng/ml




#44 AR-1268-4

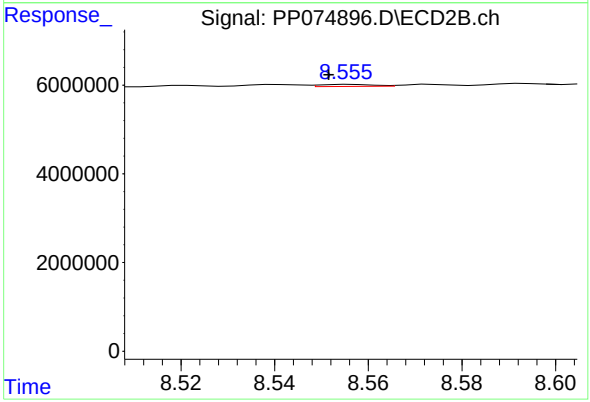
R.T.: 8.249 min
Delta R.T.: -0.003 min
Response: 331867
Conc: 0.87 ng/ml




#45 AR-1268-5

R.T.: 10.088 min
Delta R.T.: 0.012 min
Response: 156724
Conc: 0.42 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
TT-079-IDWGW-20250903




#45 AR-1268-5

R.T.: 8.557 min
Delta R.T.: 0.005 min
Response: 371341
Conc: 0.12 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:51
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: Sep 05 23:36:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.660 | 3.802 | 65333056 | 295.6E6 | 53.390 | 61.126 | |
| 2) | SA Decachlor... | 10.442 | 8.813 | 55933551 | 417.1E6 | 56.641 | 55.613 | |
| | **Target Compounds** | | | | | | | |
| 3) | L1 AR-1016-1 | 5.812 | 4.899 | 22879829 | 276.4E6 | 518.948 | 542.696 | |
| 4) | L1 AR-1016-2 | 5.833 | 4.957 | 33501123 | 131.2E6 | 533.104 | 551.017 | |
| 5) | L1 AR-1016-3 | 5.896 | 5.077 | 21895708 | 75776806 | 487.504 | 549.491 | |
| 6) | L1 AR-1016-4 | 5.993 | 5.118 | 18028378 | 73082369 | 512.435 | 522.752 | |
| 7) | L1 AR-1016-5 | 6.286 | 5.333 | 17693996 | 80605493 | 533.175 | 485.332 | |
| 8) | L2 AR-1221-1 | 4.856 | 4.010 | 2776149 | 9319533 | 157.800 | 150.637 | |
| 9) | L2 AR-1221-2 | 4.946 | 4.098 | 4200523 | 12320808 | 314.477 | 272.511 | |
| 10) | L2 AR-1221-3 | 5.021 | 4.173 | 13570407 | 56417180 | 357.938 | 343.392 | |
| 11) | L3 AR-1232-1 | 5.021 | 4.173 | 13570407 | 56417180 | 446.778 | 440.431 | |
| 12) | L3 AR-1232-2 | 5.547 | 4.899 | 17561798 | 276.4E6 | 1114.453 | 1192.546 | |
| 13) | L3 AR-1232-3 | 5.833 | 5.077 | 33501123 | 75776806 | 1096.826 | 1261.690 | |
| 14) | L3 AR-1232-4 | 5.993 | 5.160 | 18028378 | 135.1E6 | 1043.957 | 1833.013 | # |
| 15) | L3 AR-1232-5 | 6.083 | 5.333 | 15906744 | 80605493 | 1225.391 | 1298.334 | |
| 16) | L4 AR-1242-1 | 5.812 | 4.899 | 22879829 | 276.4E6 | 597.772 | 655.418 | |
| 17) | L4 AR-1242-2 | 5.833 | 4.957 | 33501123 | 131.2E6 | 593.129 | 654.827 | |
| 18) | L4 AR-1242-3 | 5.896 | 5.077 | 21895708 | 75776806 | 539.265 | 640.557 | |
| 19) | L4 AR-1242-4 | 5.993 | 5.160 | 18028378 | 135.1E6 | 567.969 | 789.361 | # |
| 20) | L4 AR-1242-5 | 6.723 | 5.682 | 6356784 | 133.4E6 | 176.232 | 720.220 | # |
| 21) | L5 AR-1248-1 | 5.812 | 4.899 | 22879829 | 276.4E6 | 757.008 | 1001.019 | # |
| 22) | L5 AR-1248-2 | 6.083 | 5.118 | 15906744 | 73082369 | 369.100 | 413.466 | |
| 23) | L5 AR-1248-3 | 6.286 | 5.160 | 17693996 | 135.1E6 | 378.857 | 594.650 | # |
| 24) | L5 AR-1248-4 | 6.660 | 5.333 | 22692260 | 80605493 | 412.581 | 369.714 | |
| 25) | L5 AR-1248-5 | 6.723 | 5.682f | 6356784 | 133.4E6 | 114.598 | 363.057 | # |
| 26) | L6 AR-1254-1 | 6.660 | 5.682 | 22692260 | 133.4E6 | 389.437 | 279.748 | # |
| 27) | L6 AR-1254-2 | 6.876 | 5.829 | 14227288 | 74045435 | 174.320 | 210.277 | |
| 28) | L6 AR-1254-3 | 7.237 | 6.246 | 10257639 | 157.7E6 | 114.988 | 254.471 | # |
| 29) | L6 AR-1254-4 | 7.521 | 6.457 | 5737800 | 14071457 | 87.050 | 30.027 | # |
| 30) | L6 AR-1254-5 | 7.935 | 6.874 | 45380978 | 200.3E6 | 546.199 | 408.432 | # |
| 31) | L7 AR-1260-1 | 7.404 | 6.362 | 28517929 | 193.1E6 | 493.309 | 514.655 | |
| 32) | L7 AR-1260-2 | 7.656 | 6.548 | 33744063 | 261.4E6 | 489.630 | 494.340 | |
| 33) | L7 AR-1260-3 | 8.014 | 6.702 | 27076327 | 197.4E6 | 521.850 | 455.982 | |
| 34) | L7 AR-1260-4 | 8.243 | 7.172 | 31715809 | 185.2E6 | 497.169 | 485.533 | |
| 35) | L7 AR-1260-5 | 8.569 | 7.411 | 54674681 | 473.8E6 | 482.088 | 471.715 | |
| 36) | L8 AR-1262-1 | 8.243 | 6.912 | 31715809 | 254.9E6 | 411.808 | 360.366 | |
| 37) | L8 AR-1262-2 | 8.569 | 7.172 | 54674681 | 185.2E6 | 413.011 | 355.700 | |
| 38) | L8 AR-1262-3 | 8.900 | 7.694 | 37472467 | 104.4E6 | 385.470 | 223.921 | # |
| 39) | L8 AR-1262-4 | 8.979 | 7.757 | 25127547 | 319.1E6 | 333.565 | 388.261 | |
| 40) | L8 AR-1262-5 | 9.654 | 8.252 | 18217082 | 110.4E6 | 298.855 | 308.161 | |
| 41) | L9 AR-1268-1 | 8.900 | 7.694 | 37472467 | 104.4E6 | 231.256 | 74.026 | # |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:51
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: Sep 05 23:36:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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 | |
|---|---|---|---|---|---|---|---|---|
| 42) L9 | AR-1268-2 | 8.979 | 7.757 | 25127547 | 319.1E6 | 171.242 | 234.040 | # |
| 43) L9 | AR-1268-3 | 9.226 | 7.966 | 898089 | 5237194 | 7.267 | 5.020 | # |
| 44) L9 | AR-1268-4 | 9.654 | 8.252 | 18217082 | 110.4E6 | 270.834 | 288.222 | |
| 45) L9 | AR-1268-5 | 10.086 | 8.549 | 5275900 | 26097928 | 14.253 | 8.322 | # |

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

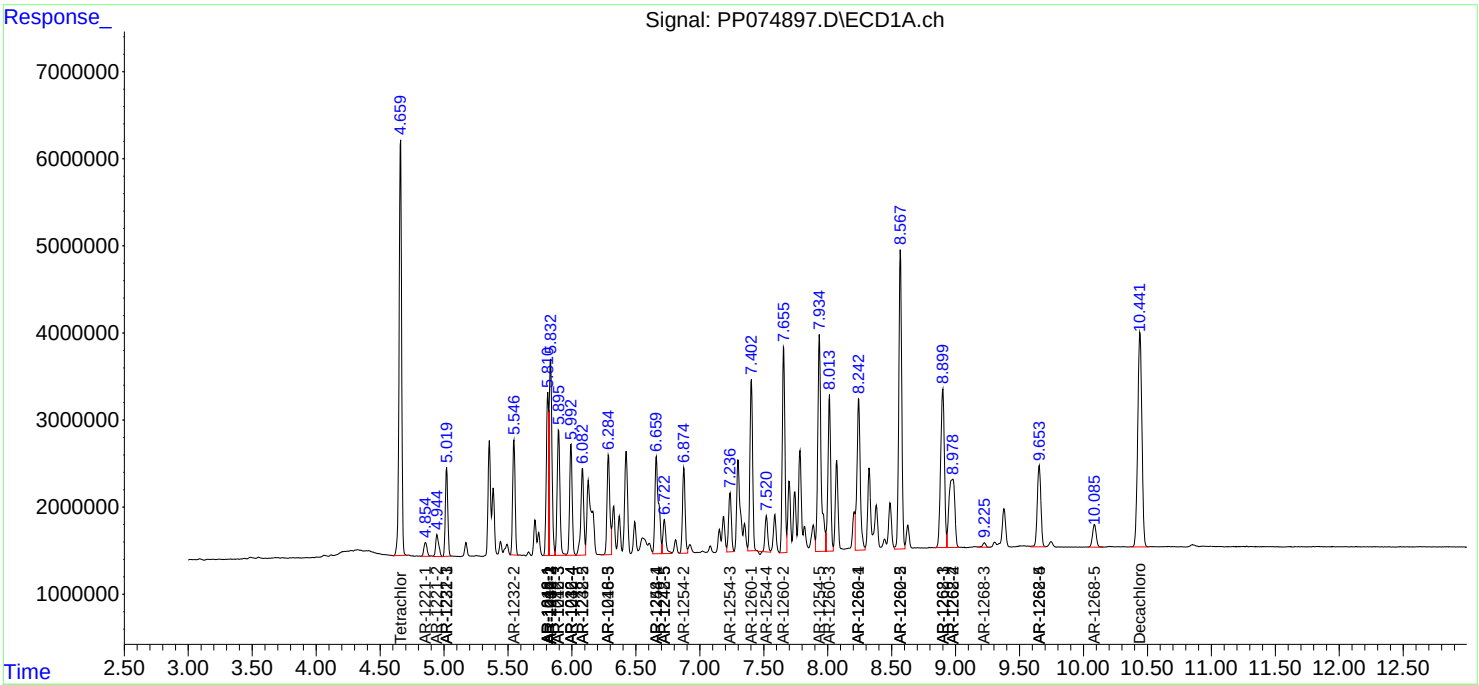
Quantitation Report (Not Reviewed)

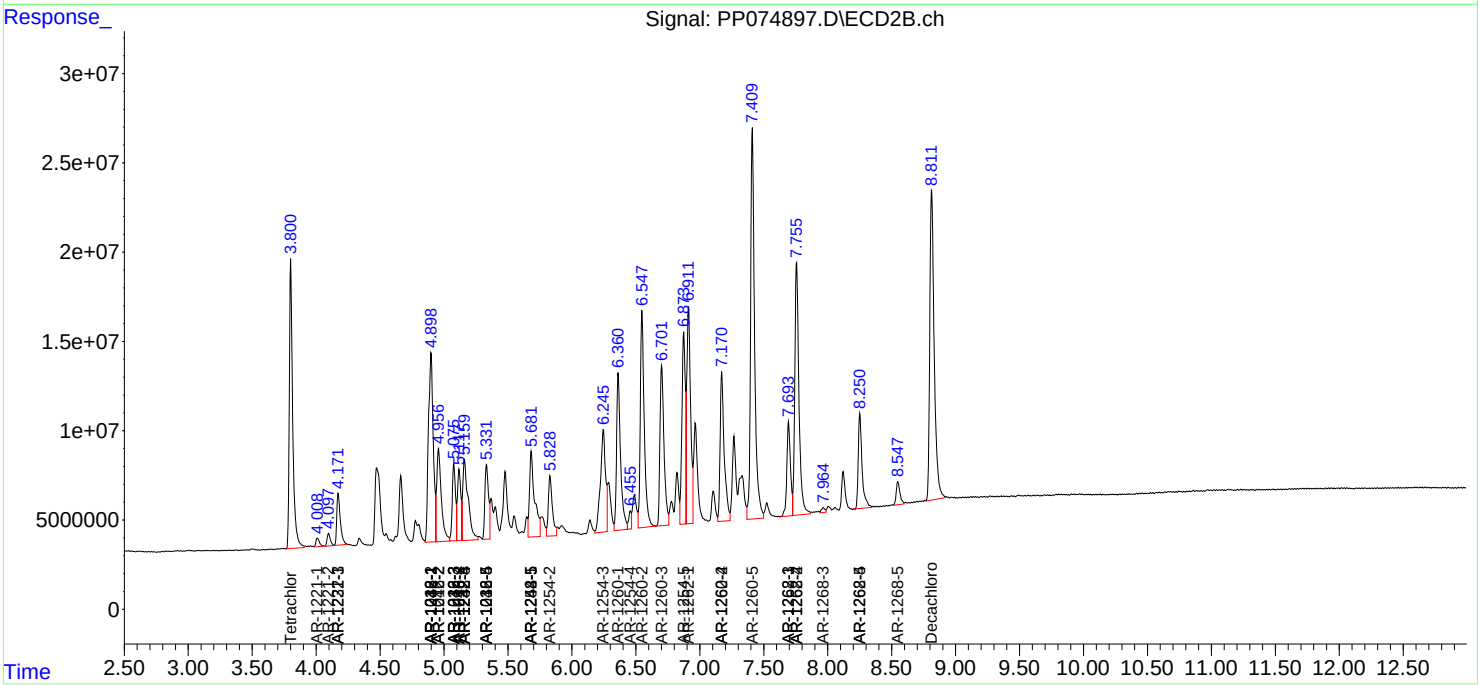
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090525\
Data File : PP074897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 12:51
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

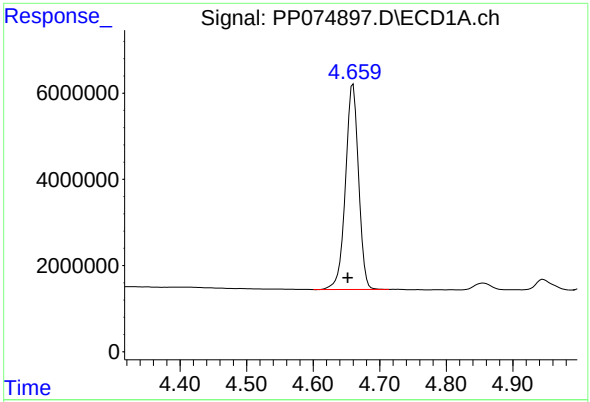
**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 23:36:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



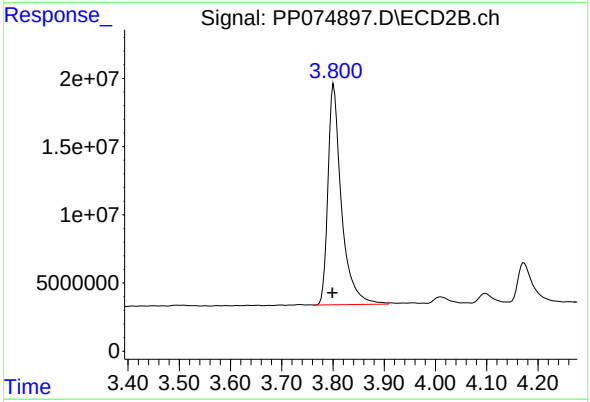






#1 Tetrachloro-m-xylene

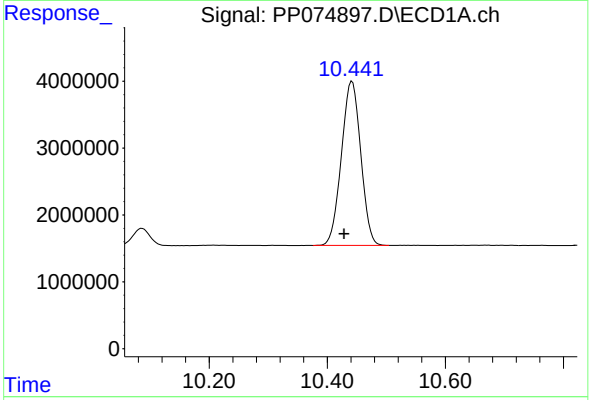
R.T.: 4.660 min
Delta R.T.: 0.008 min
Response: 65333056
Conc: 53.39 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



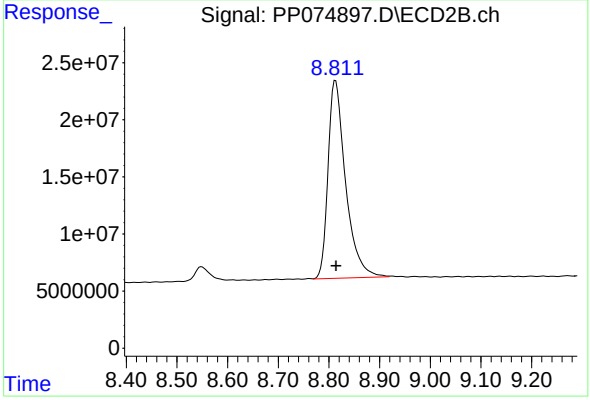

#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.003 min
Response: 295568754
Conc: 61.13 ng/ml



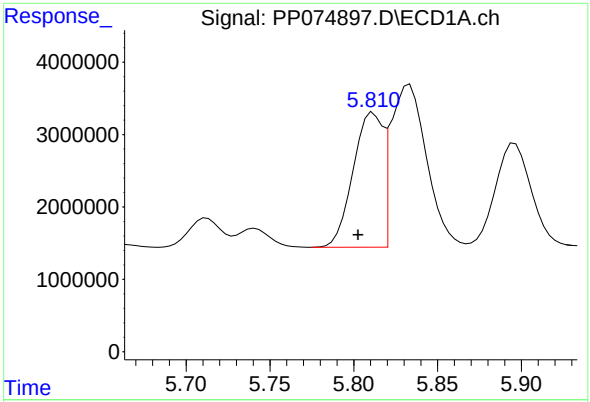

#2 Decachlorobiphenyl

R.T.: 10.442 min
Delta R.T.: 0.014 min
Response: 55933551
Conc: 56.64 ng/ml




#2 Decachlorobiphenyl

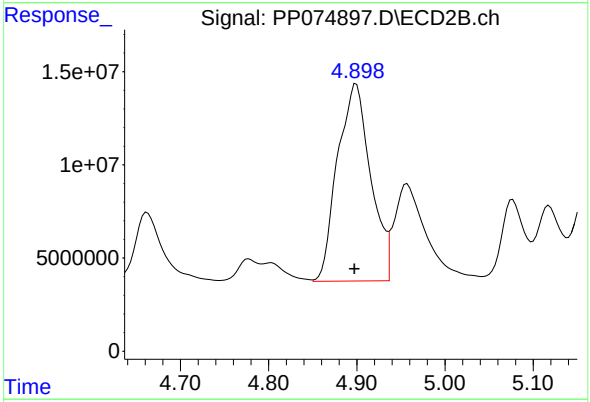
R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 417053951
Conc: 55.61 ng/ml




#3 AR-1016-1

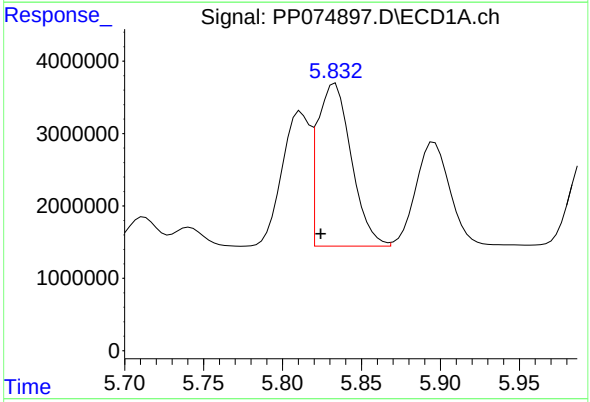
R.T.: 5.812 min
Delta R.T.: 0.009 min
Response: 22879829
Conc: 518.95 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



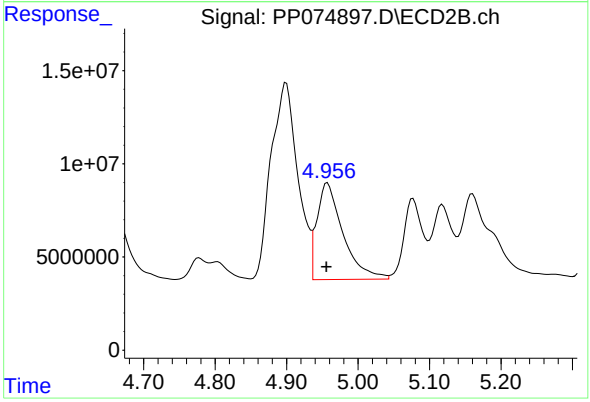

#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.002 min
Response: 276424229
Conc: 542.70 ng/ml



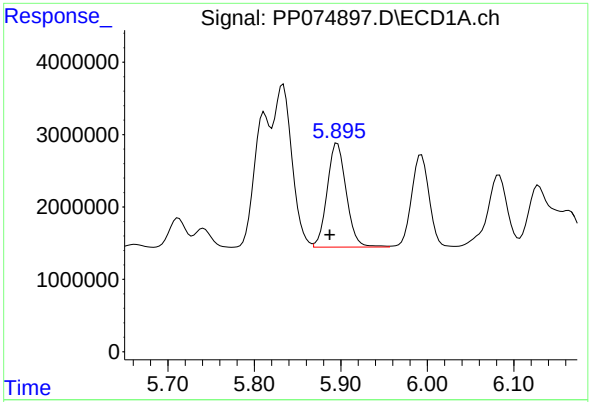

#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.009 min
Response: 33501123
Conc: 533.10 ng/ml




#4 AR-1016-2

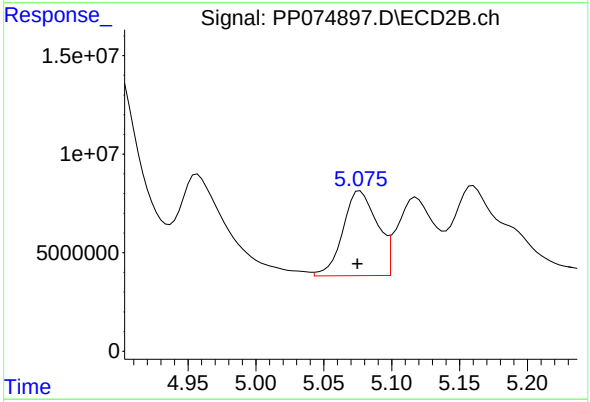
R.T.: 4.957 min
Delta R.T.: 0.001 min
Response: 131150440
Conc: 551.02 ng/ml




#5 AR-1016-3

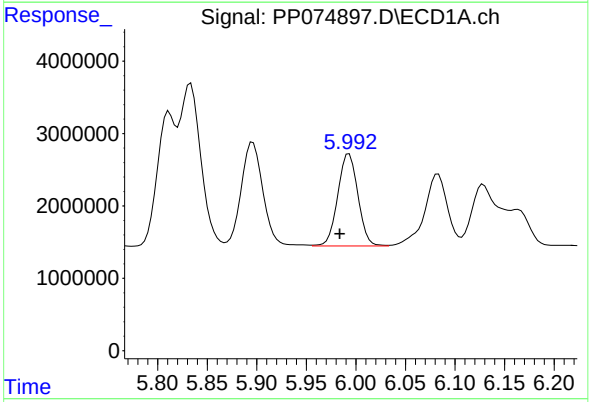
R.T.: 5.896 min
Delta R.T.: 0.009 min
Response: 21895708
Conc: 487.50 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



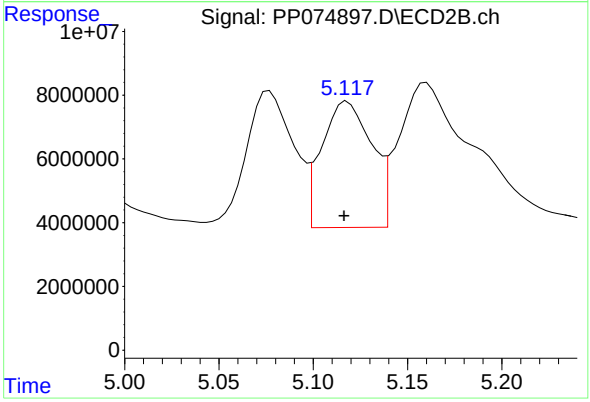

#5 AR-1016-3

R.T.: 5.077 min
Delta R.T.: 0.002 min
Response: 75776806
Conc: 549.49 ng/ml



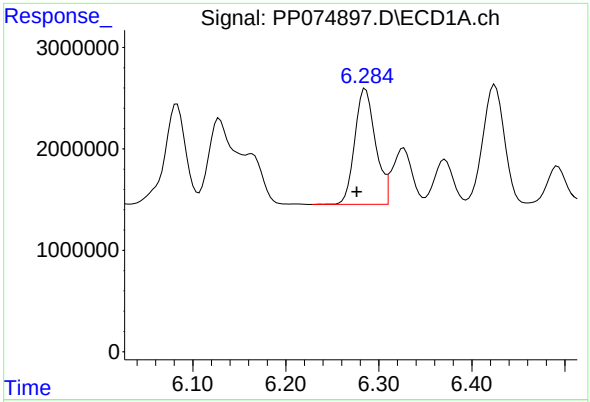

#6 AR-1016-4

R.T.: 5.993 min
Delta R.T.: 0.010 min
Response: 18028378
Conc: 512.43 ng/ml




#6 AR-1016-4

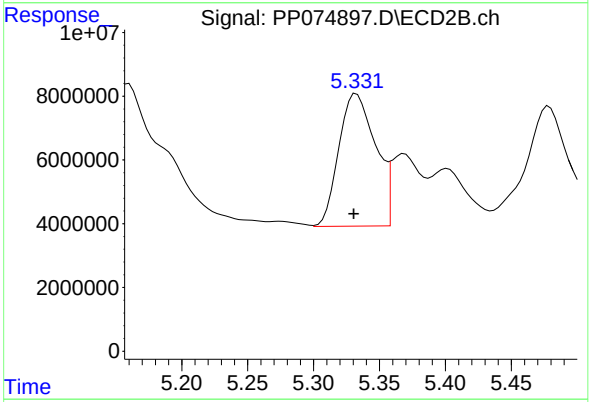
R.T.: 5.118 min
Delta R.T.: 0.002 min
Response: 73082369
Conc: 522.75 ng/ml




#7 AR-1016-5

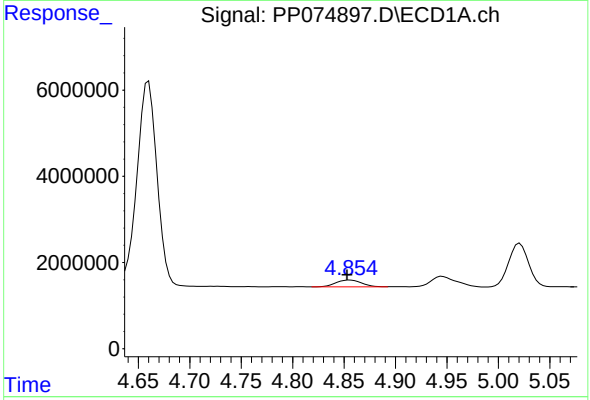
R.T.: 6.286 min
Delta R.T.: 0.009 min
Response: 17693996
Conc: 533.18 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



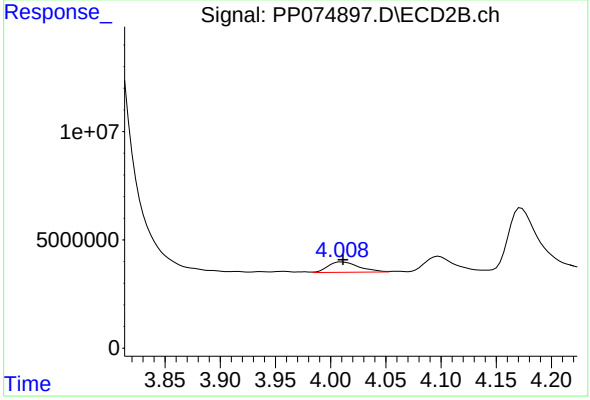

#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: 0.002 min
Response: 80605493
Conc: 485.33 ng/ml



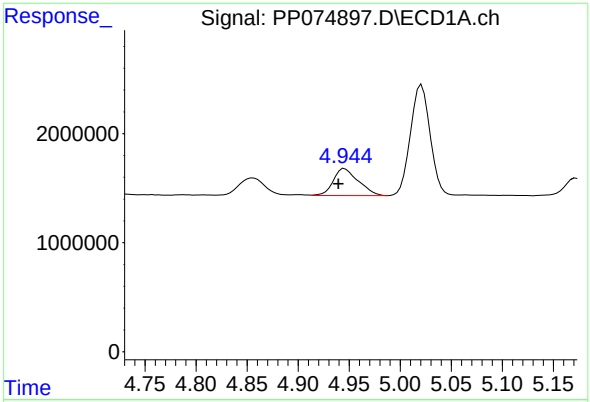

#8 AR-1221-1

R.T.: 4.856 min
Delta R.T.: 0.003 min
Response: 2776149
Conc: 157.80 ng/ml




#8 AR-1221-1

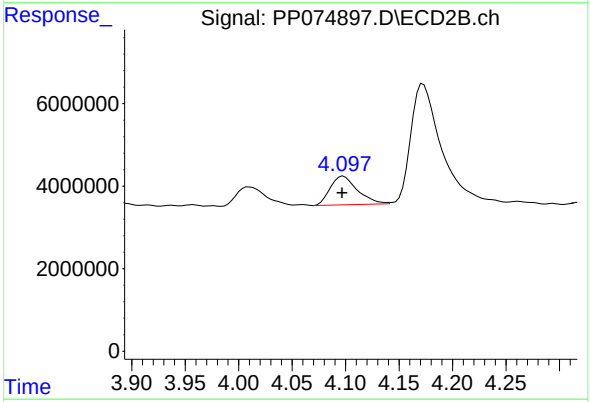
R.T.: 4.010 min
Delta R.T.: -0.002 min
Response: 9319533
Conc: 150.64 ng/ml




#9 AR-1221-2

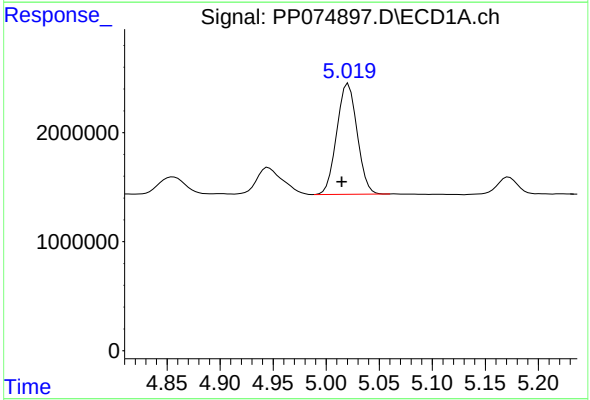
R.T.: 4.946 min
Delta R.T.: 0.006 min
Response: 4200523
Conc: 314.48 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



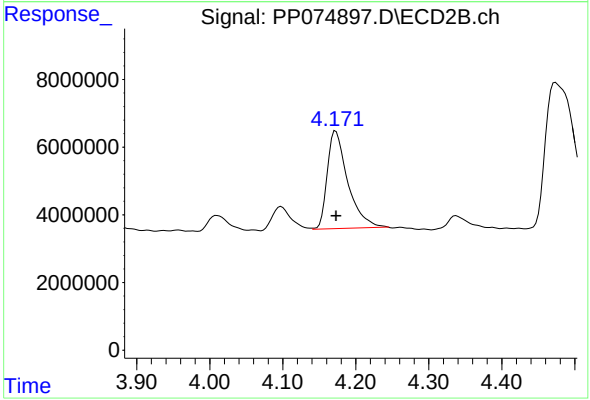

#9 AR-1221-2

R.T.: 4.098 min
Delta R.T.: 0.001 min
Response: 12320808
Conc: 272.51 ng/ml



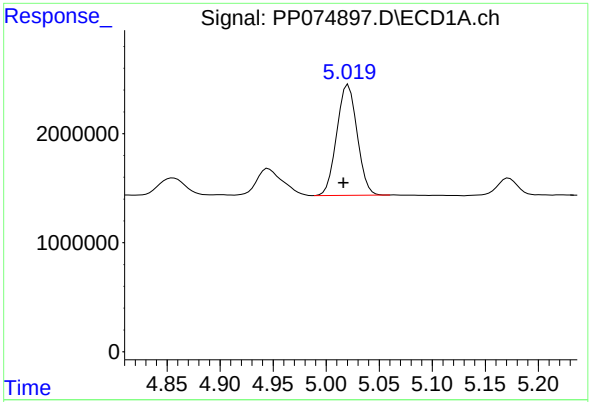

#10 AR-1221-3

R.T.: 5.021 min
Delta R.T.: 0.006 min
Response: 13570407
Conc: 357.94 ng/ml




#10 AR-1221-3

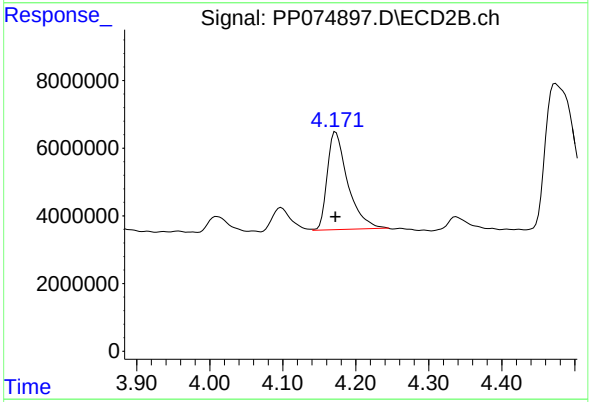
R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 56417180
Conc: 343.39 ng/ml




#11 AR-1232-1

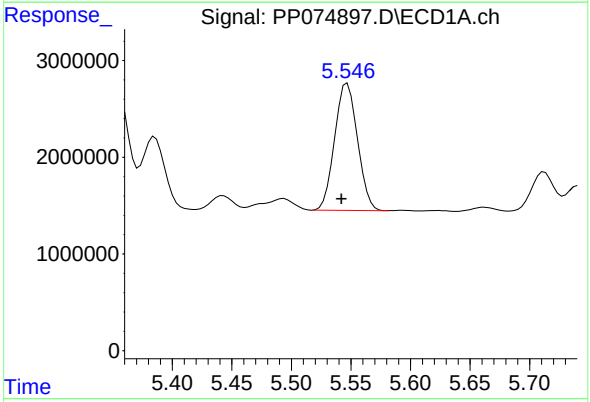
R.T.: 5.021 min
Delta R.T.: 0.005 min
Response: 13570407
Conc: 446.78 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



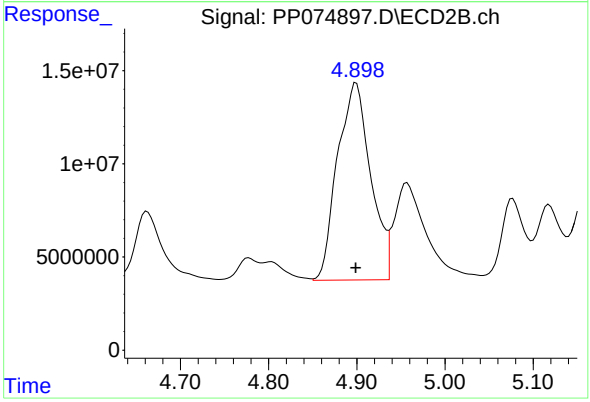

#11 AR-1232-1

R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 56417180
Conc: 440.43 ng/ml



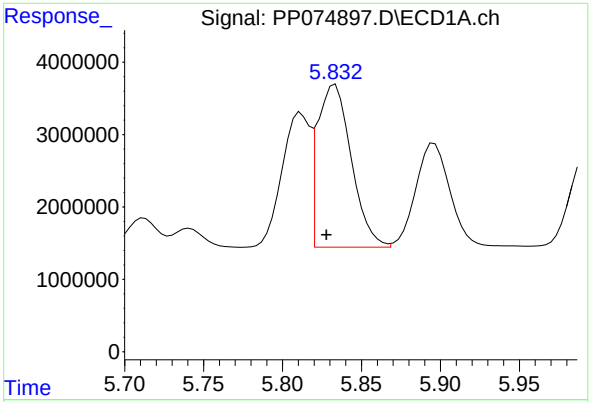

#12 AR-1232-2

R.T.: 5.547 min
Delta R.T.: 0.005 min
Response: 17561798
Conc: 1114.45 ng/ml




#12 AR-1232-2

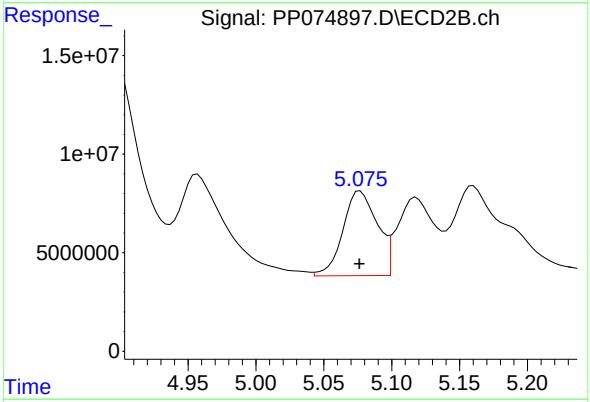
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 276424229
Conc: 1192.55 ng/ml




#13 AR-1232-3

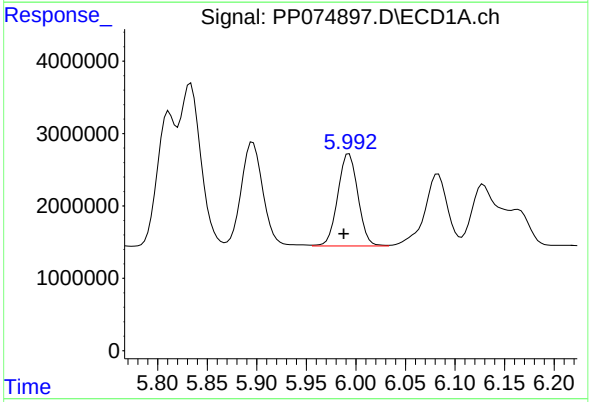
R.T.: 5.833 min
Delta R.T.: 0.005 min
Response: 33501123
Conc: 1096.83 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



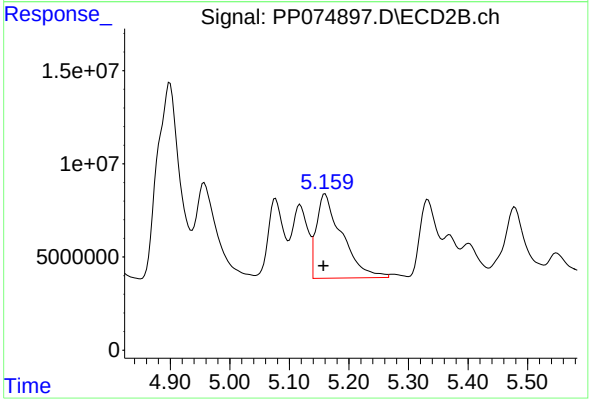

#13 AR-1232-3

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 75776806
Conc: 1261.69 ng/ml



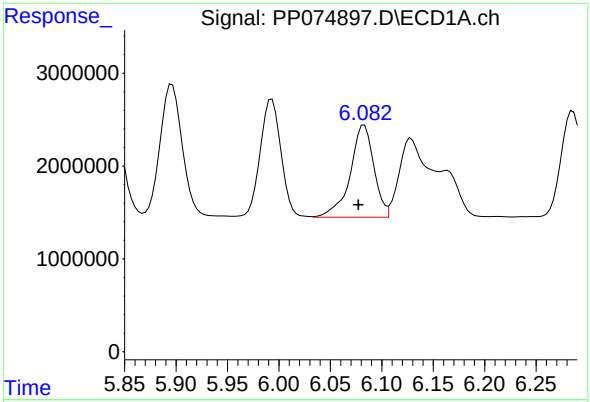

#14 AR-1232-4

R.T.: 5.993 min
Delta R.T.: 0.006 min
Response: 18028378
Conc: 1043.96 ng/ml




#14 AR-1232-4

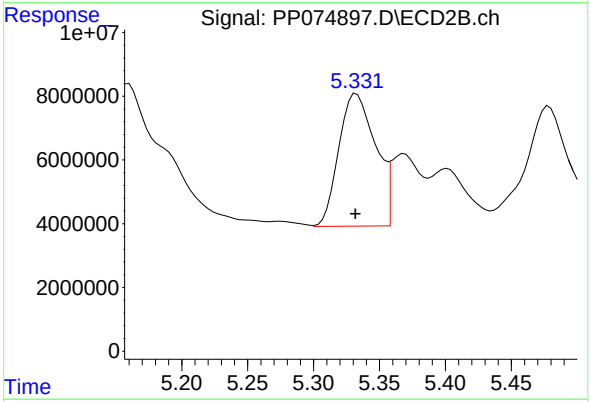
R.T.: 5.160 min
Delta R.T.: 0.003 min
Response: 135106595
Conc: 1833.01 ng/ml




#15 AR-1232-5

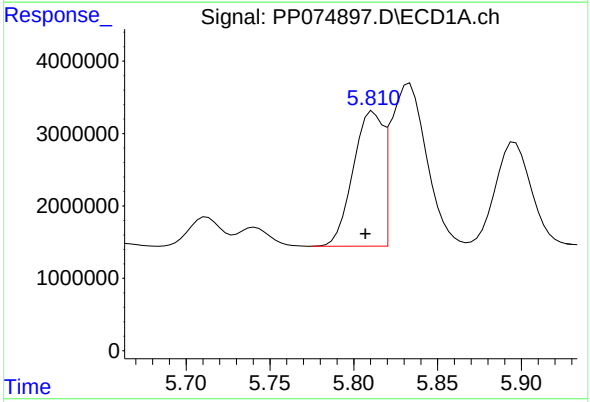
R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 15906744
Conc: 1225.39 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



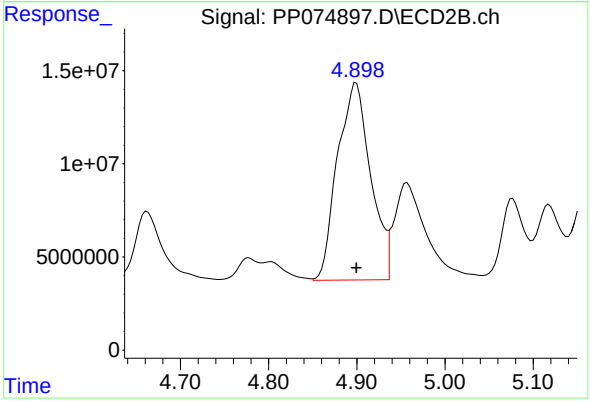

#15 AR-1232-5

R.T.: 5.333 min
Delta R.T.: 0.000 min
Response: 80605493
Conc: 1298.33 ng/ml



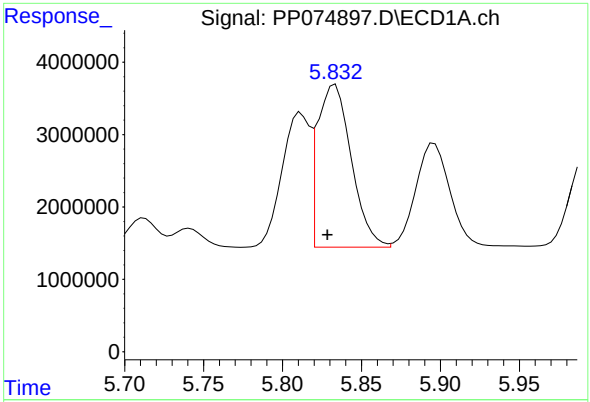

#16 AR-1242-1

R.T.: 5.812 min
Delta R.T.: 0.005 min
Response: 22879829
Conc: 597.77 ng/ml




#16 AR-1242-1

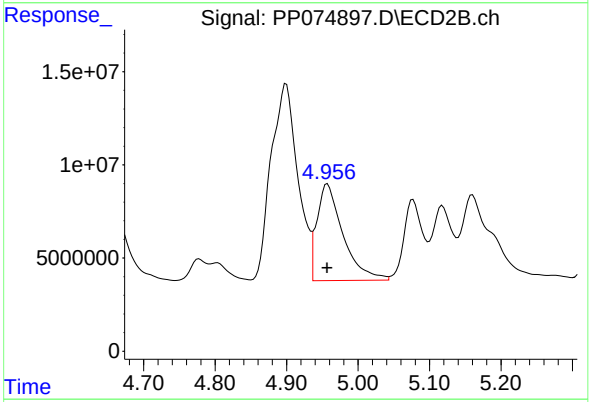
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 276424229
Conc: 655.42 ng/ml




#17 AR-1242-2

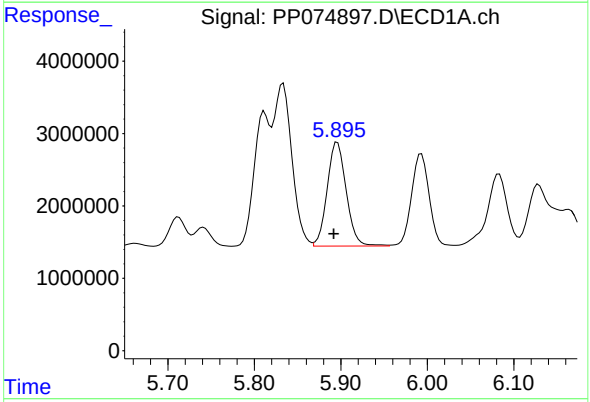
R.T.: 5.833 min
Delta R.T.: 0.005 min
Response: 33501123
Conc: 593.13 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



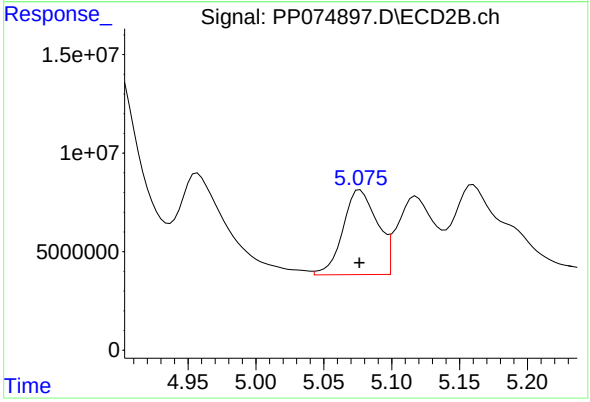

#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 131150440
Conc: 654.83 ng/ml



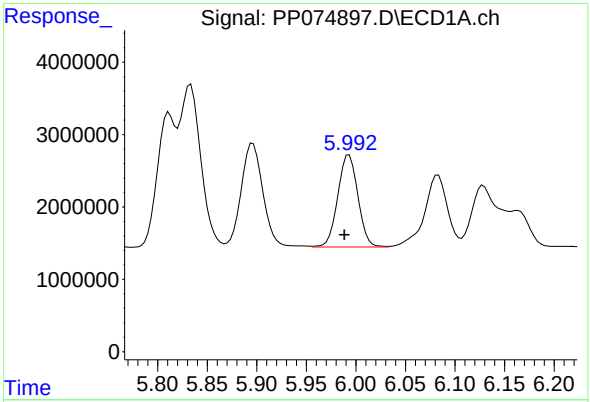

#18 AR-1242-3

R.T.: 5.896 min
Delta R.T.: 0.004 min
Response: 21895708
Conc: 539.26 ng/ml




#18 AR-1242-3

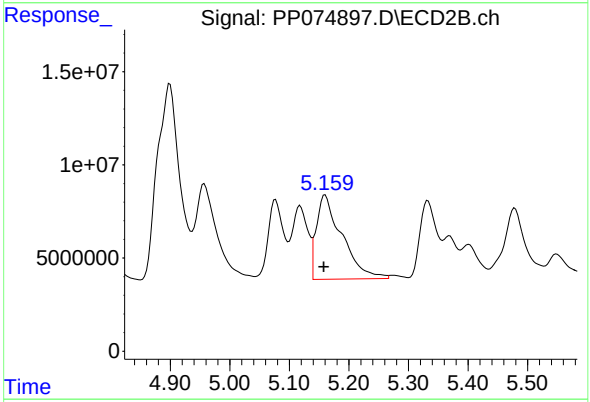
R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 75776806
Conc: 640.56 ng/ml




#19 AR-1242-4

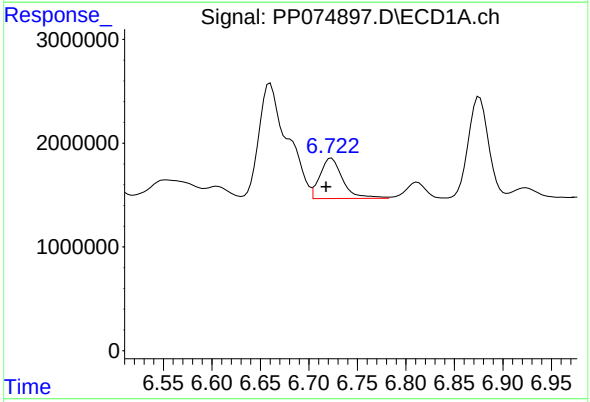
R.T.: 5.993 min
Delta R.T.: 0.005 min
Response: 18028378
Conc: 567.97 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



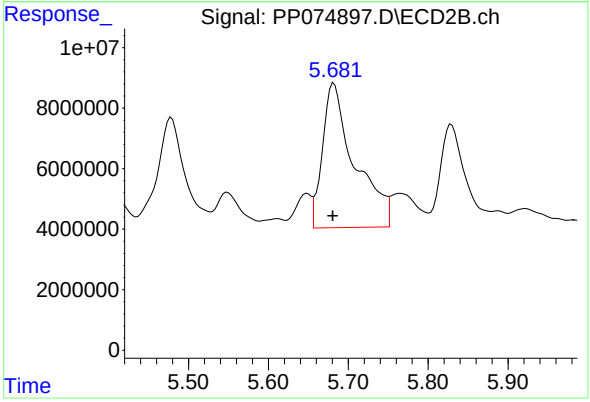

#19 AR-1242-4

R.T.: 5.160 min
Delta R.T.: 0.002 min
Response: 135106595
Conc: 789.36 ng/ml



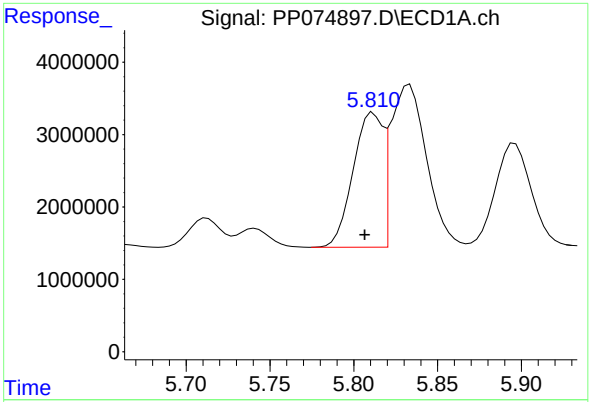

#20 AR-1242-5

R.T.: 6.723 min
Delta R.T.: 0.006 min
Response: 6356784
Conc: 176.23 ng/ml




#20 AR-1242-5

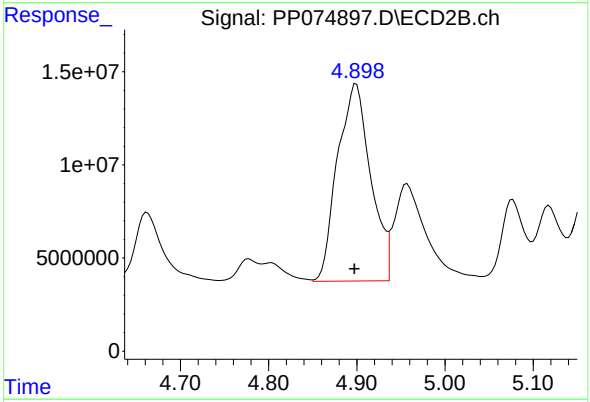
R.T.: 5.682 min
Delta R.T.: 0.001 min
Response: 133358837
Conc: 720.22 ng/ml




#21 AR-1248-1

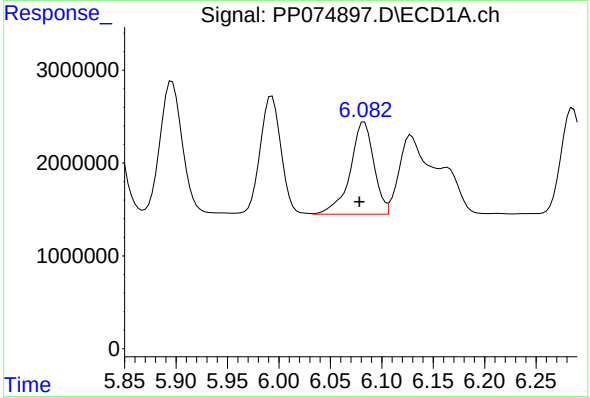
R.T.: 5.812 min
Delta R.T.: 0.005 min
Response: 22879829
Conc: 757.01 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



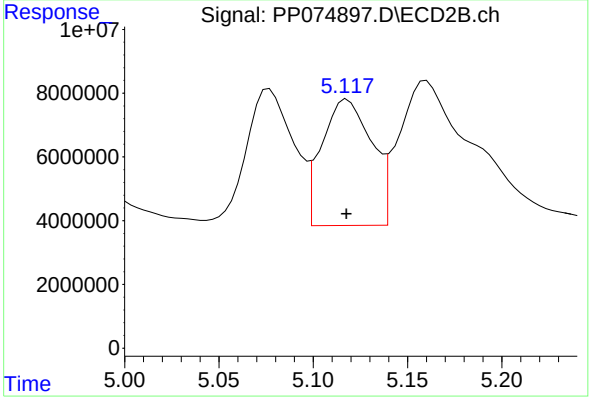

#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.002 min
Response: 276424229
Conc: 1001.02 ng/ml



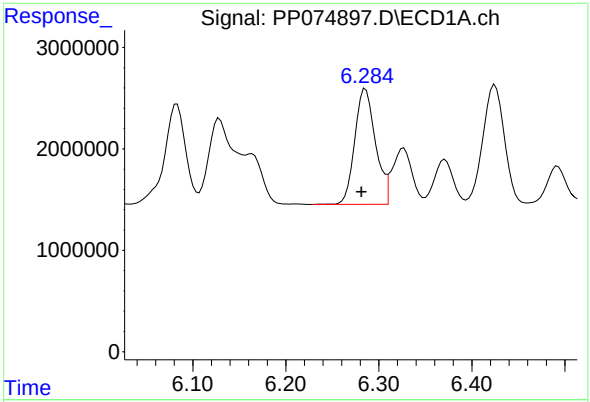

#22 AR-1248-2

R.T.: 6.083 min
Delta R.T.: 0.005 min
Response: 15906744
Conc: 369.10 ng/ml




#22 AR-1248-2

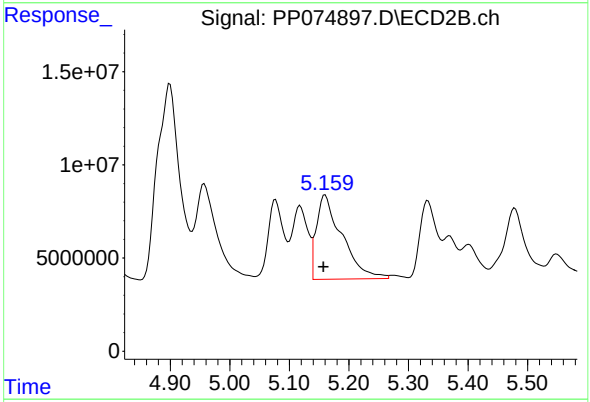
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 73082369
Conc: 413.47 ng/ml




#23 AR-1248-3

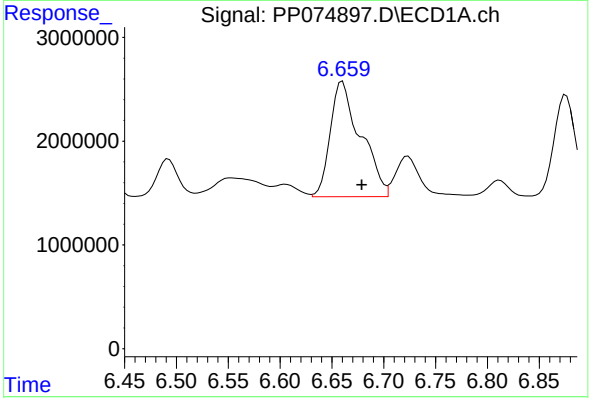
R.T.: 6.286 min
Delta R.T.: 0.005 min
Response: 17693996
Conc: 378.86 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



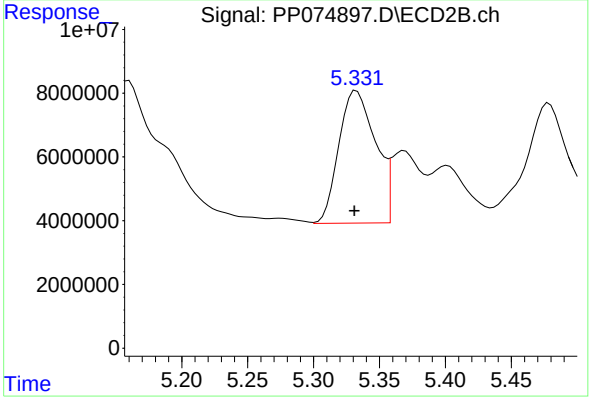

#23 AR-1248-3

R.T.: 5.160 min
Delta R.T.: 0.003 min
Response: 135106595
Conc: 594.65 ng/ml



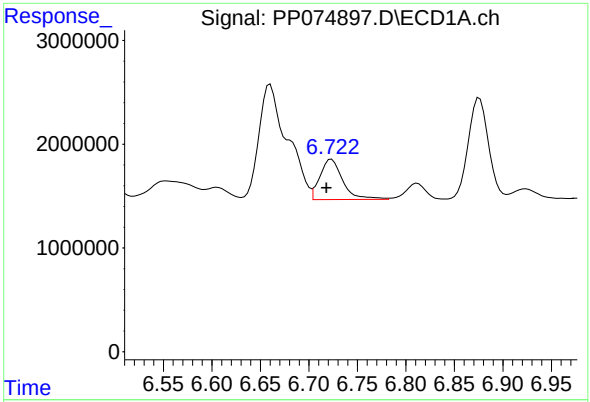

#24 AR-1248-4

R.T.: 6.660 min
Delta R.T.: -0.019 min
Response: 22692260
Conc: 412.58 ng/ml




#24 AR-1248-4

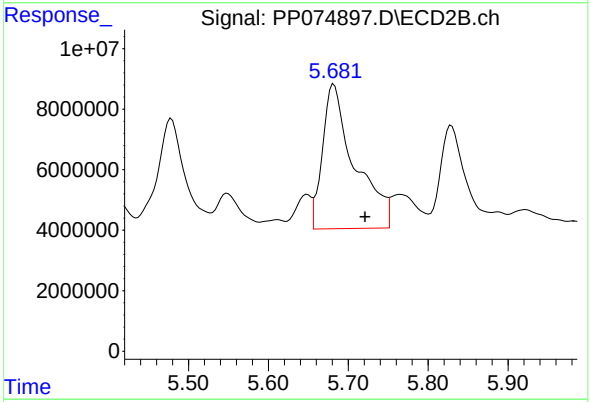
R.T.: 5.333 min
Delta R.T.: 0.002 min
Response: 80605493
Conc: 369.71 ng/ml




#25 AR-1248-5

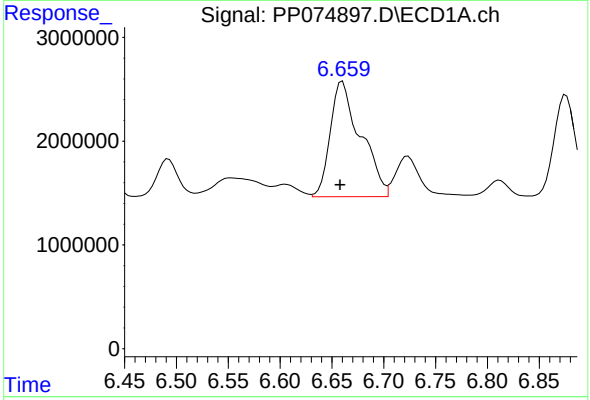
R.T.: 6.723 min
Delta R.T.: 0.005 min
Response: 6356784
Conc: 114.60 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



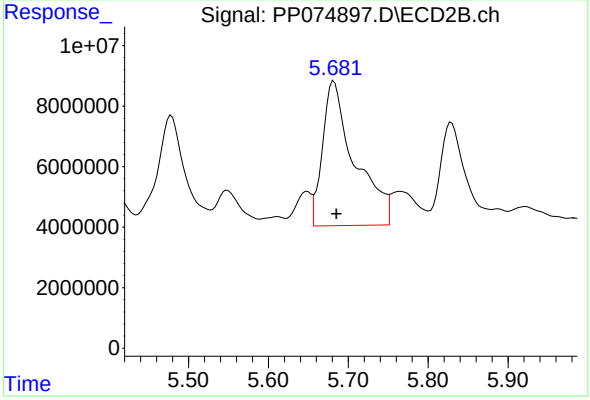

#25 AR-1248-5

R.T.: 5.682 min
Delta R.T.: -0.039 min
Response: 133358837
Conc: 363.06 ng/ml



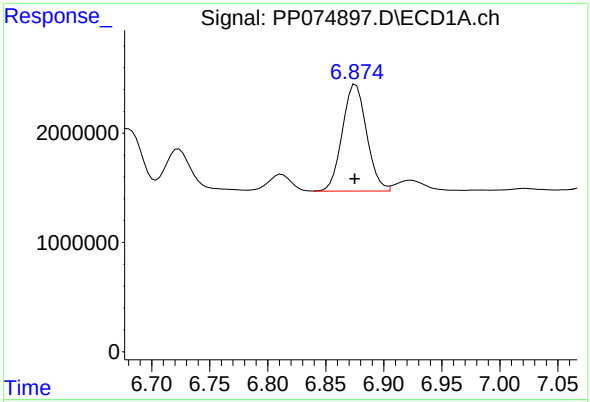

#26 AR-1254-1

R.T.: 6.660 min
Delta R.T.: 0.002 min
Response: 22692260
Conc: 389.44 ng/ml




#26 AR-1254-1

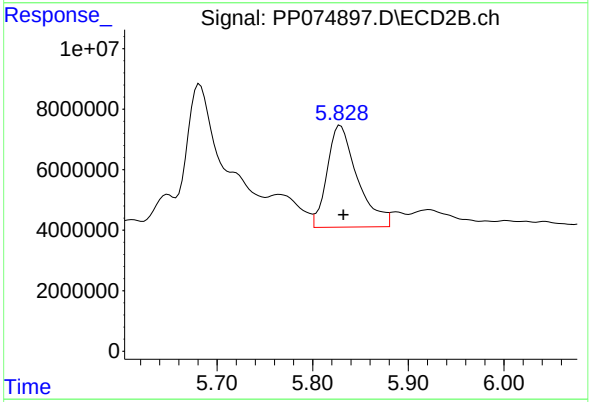
R.T.: 5.682 min
Delta R.T.: -0.003 min
Response: 133358837
Conc: 279.75 ng/ml




#27 AR-1254-2

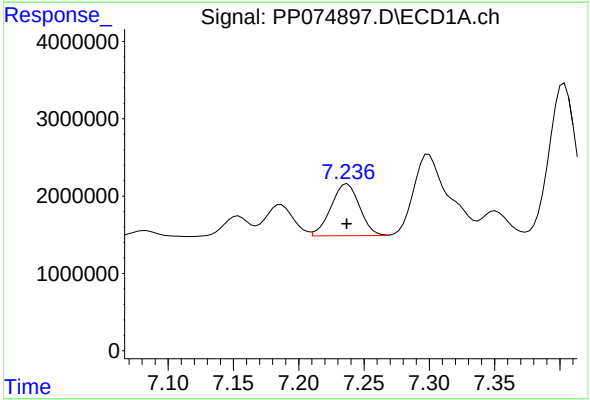
R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 14227288
Conc: 174.32 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



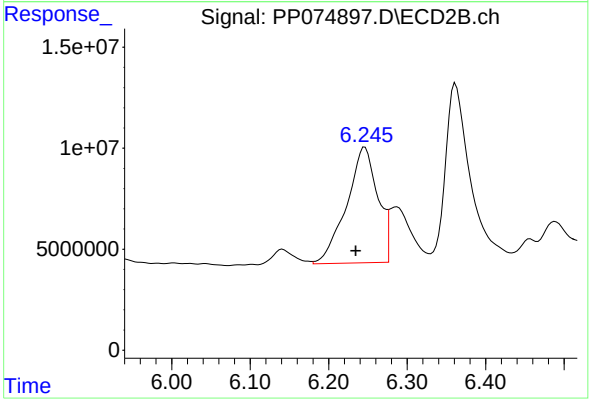

#27 AR-1254-2

R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 74045435
Conc: 210.28 ng/ml



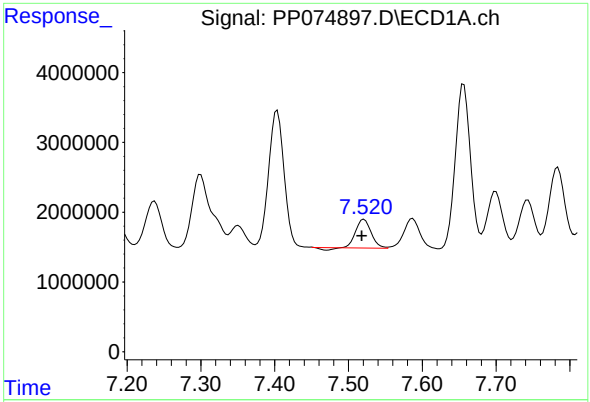

#28 AR-1254-3

R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 10257639
Conc: 114.99 ng/ml




#28 AR-1254-3

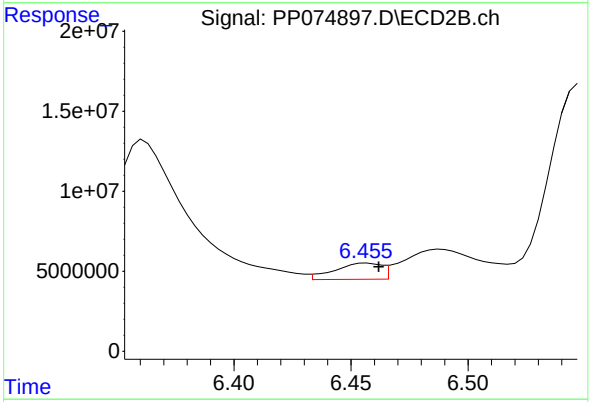
R.T.: 6.246 min
Delta R.T.: 0.012 min
Response: 157722715
Conc: 254.47 ng/ml




#29 AR-1254-4

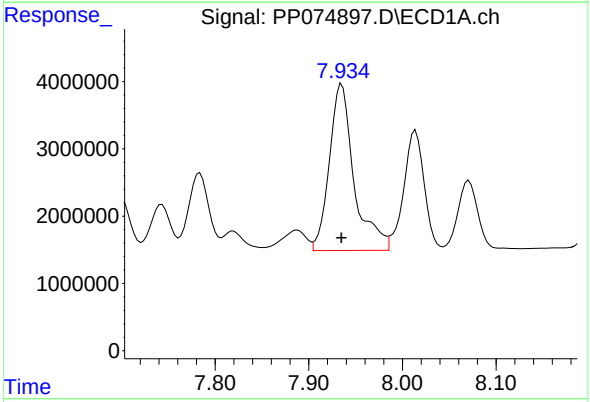
R.T.: 7.521 min
Delta R.T.: 0.003 min
Response: 5737800
Conc: 87.05 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



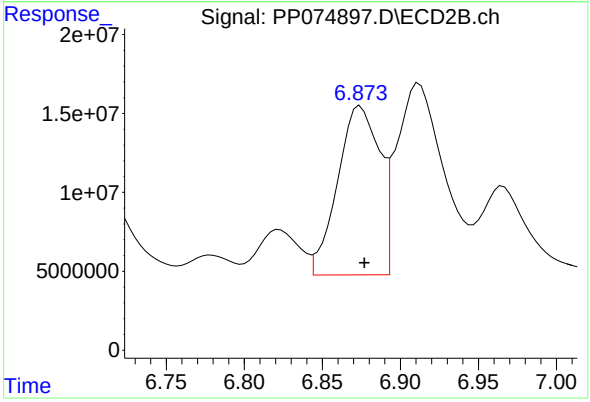

#29 AR-1254-4

R.T.: 6.457 min
Delta R.T.: -0.005 min
Response: 14071457
Conc: 30.03 ng/ml



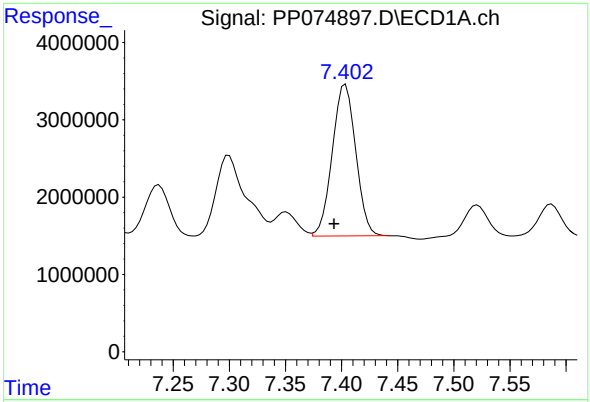

#30 AR-1254-5

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 45380978
Conc: 546.20 ng/ml




#30 AR-1254-5

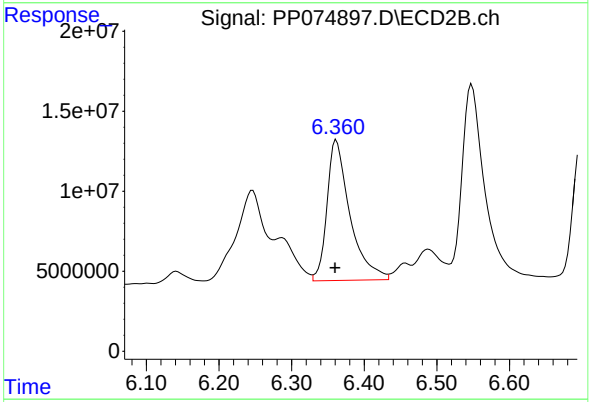
R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 200336476
Conc: 408.43 ng/ml




#31 AR-1260-1

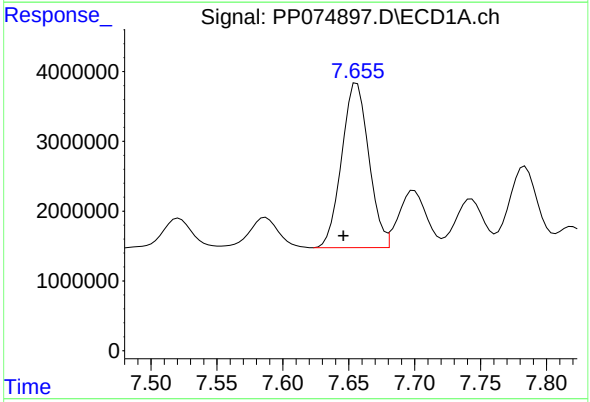
R.T.: 7.404 min
Delta R.T.: 0.010 min
Response: 28517929
Conc: 493.31 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



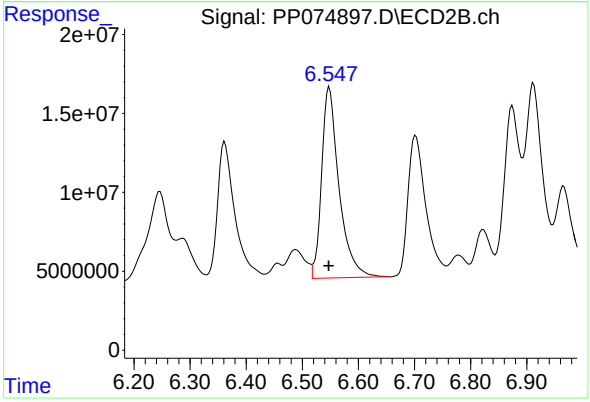

#31 AR-1260-1

R.T.: 6.362 min
Delta R.T.: 0.002 min
Response: 193110389
Conc: 514.65 ng/ml



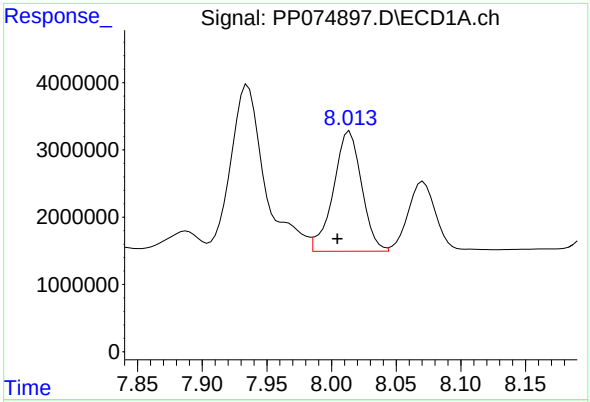

#32 AR-1260-2

R.T.: 7.656 min
Delta R.T.: 0.010 min
Response: 33744063
Conc: 489.63 ng/ml




#32 AR-1260-2

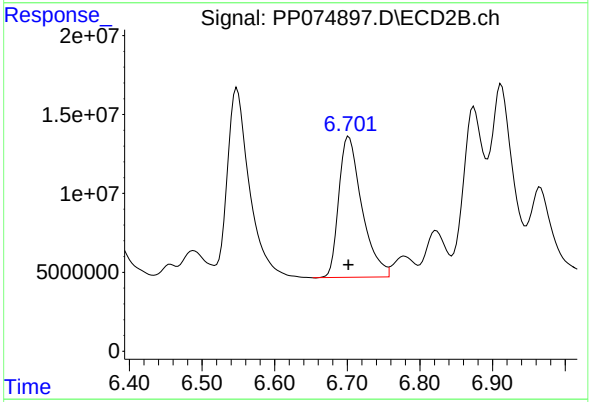
R.T.: 6.548 min
Delta R.T.: 0.001 min
Response: 261414250
Conc: 494.34 ng/ml




#33 AR-1260-3

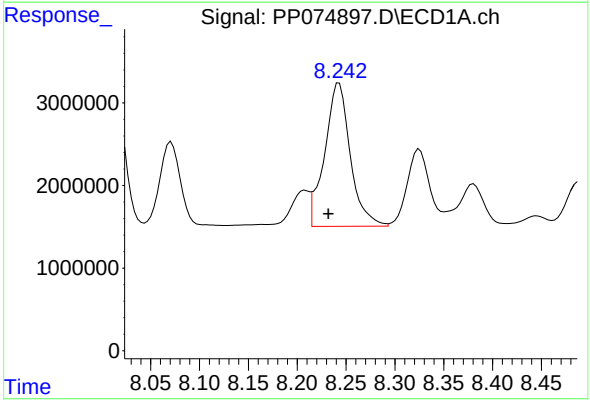
R.T.: 8.014 min
Delta R.T.: 0.010 min
Response: 27076327
Conc: 521.85 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



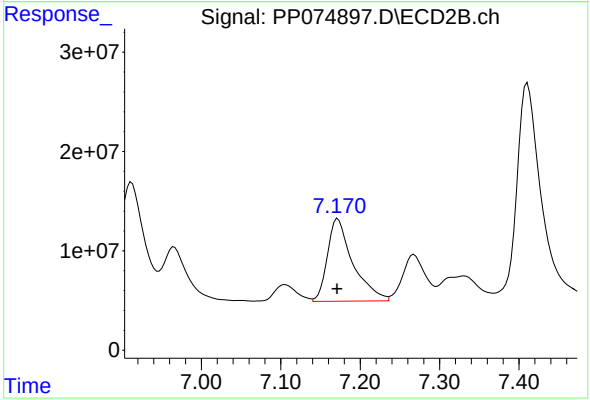

#33 AR-1260-3

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 197440582
Conc: 455.98 ng/ml



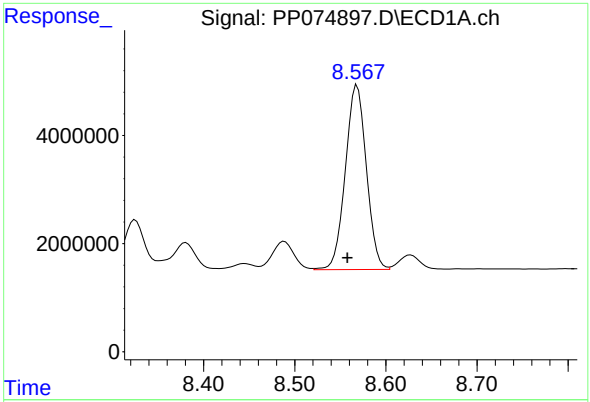

#34 AR-1260-4

R.T.: 8.243 min
Delta R.T.: 0.011 min
Response: 31715809
Conc: 497.17 ng/ml




#34 AR-1260-4

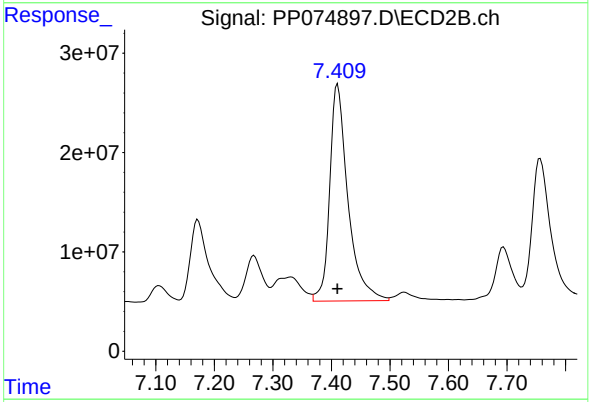
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 185218075
Conc: 485.53 ng/ml




#35 AR-1260-5

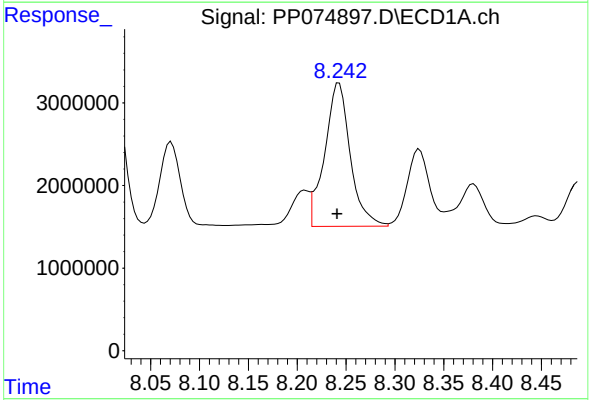
R.T.: 8.569 min
Delta R.T.: 0.011 min
Response: 54674681
Conc: 482.09 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



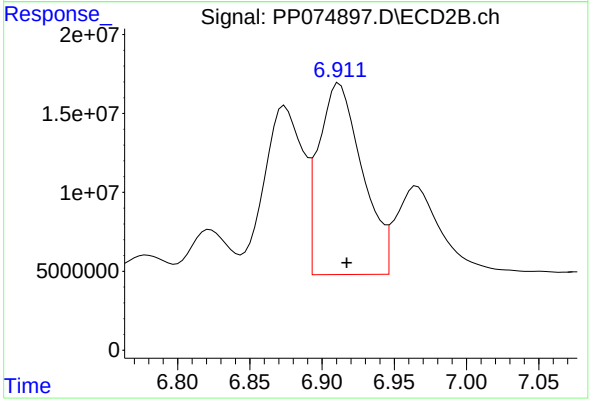

#35 AR-1260-5

R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 473828410
Conc: 471.71 ng/ml



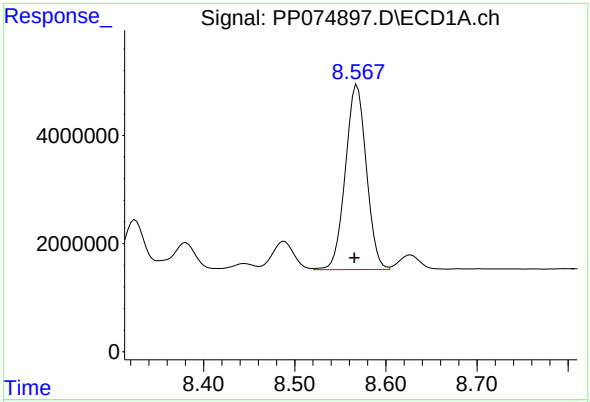

#36 AR-1262-1

R.T.: 8.243 min
Delta R.T.: 0.002 min
Response: 31715809
Conc: 411.81 ng/ml




#36 AR-1262-1

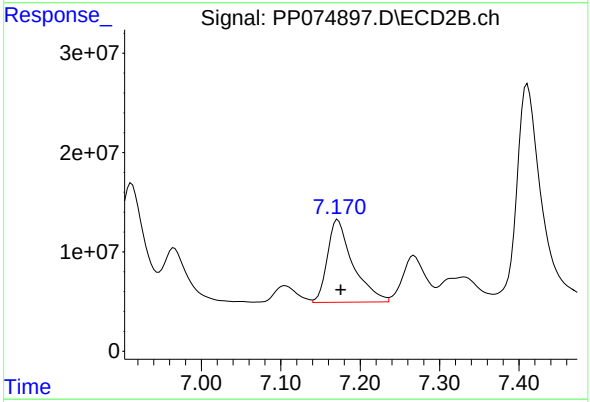
R.T.: 6.912 min
Delta R.T.: -0.005 min
Response: 254872230
Conc: 360.37 ng/ml




#37 AR-1262-2

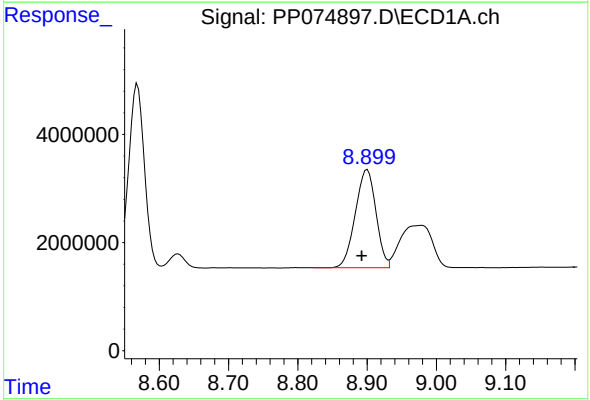
R.T.: 8.569 min
Delta R.T.: 0.003 min
Response: 54674681
Conc: 413.01 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



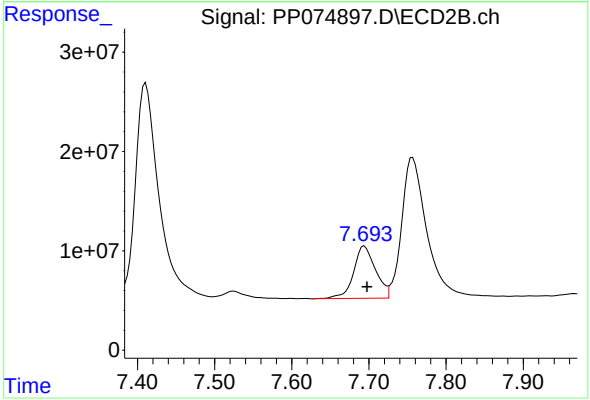

#37 AR-1262-2

R.T.: 7.172 min
Delta R.T.: -0.004 min
Response: 185218075
Conc: 355.70 ng/ml



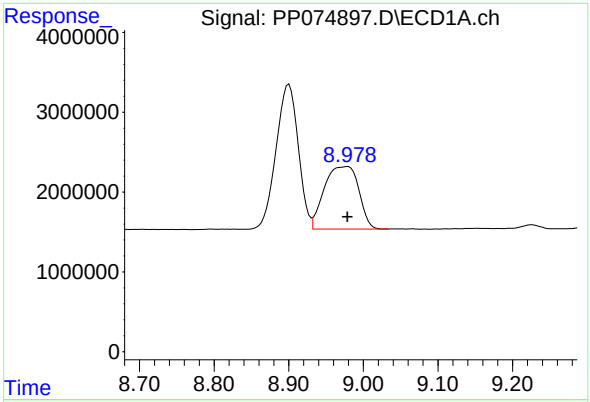

#38 AR-1262-3

R.T.: 8.900 min
Delta R.T.: 0.008 min
Response: 37472467
Conc: 385.47 ng/ml




#38 AR-1262-3

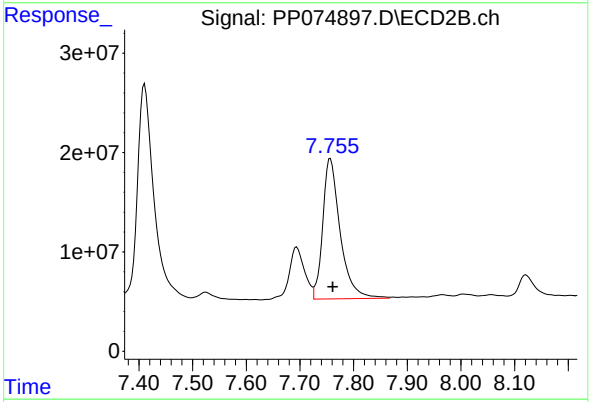
R.T.: 7.694 min
Delta R.T.: -0.003 min
Response: 104413772
Conc: 223.92 ng/ml




#39 AR-1262-4

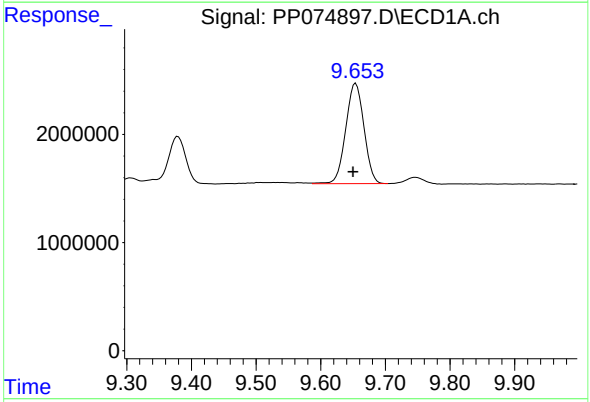
R.T.: 8.979 min
Delta R.T.: 0.000 min
Response: 25127547
Conc: 333.56 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



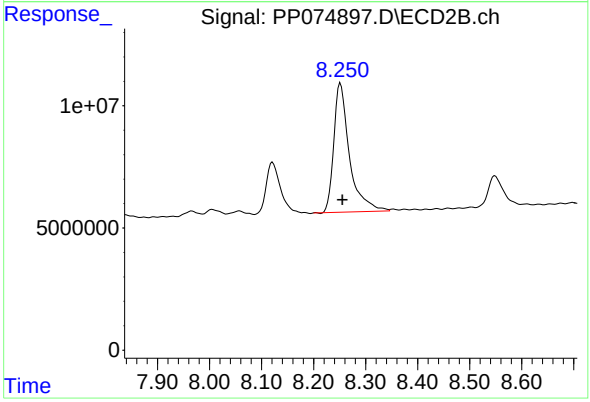

#39 AR-1262-4

R.T.: 7.757 min
Delta R.T.: -0.005 min
Response: 319096088
Conc: 388.26 ng/ml



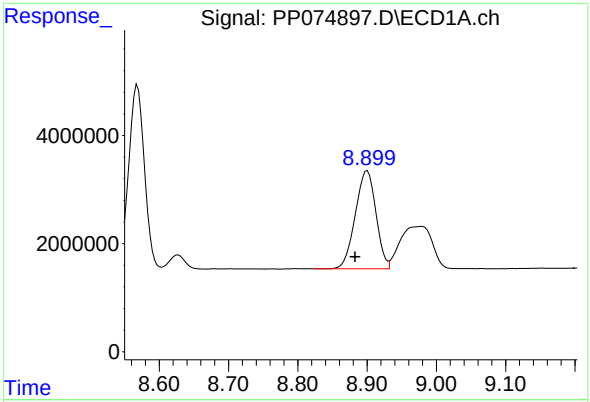

#40 AR-1262-5

R.T.: 9.654 min
Delta R.T.: 0.004 min
Response: 18217082
Conc: 298.86 ng/ml




#40 AR-1262-5

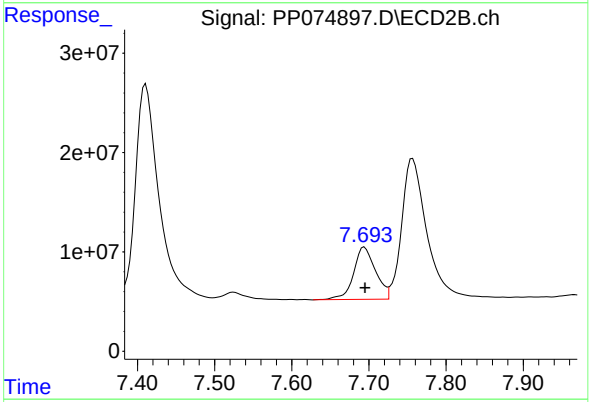
R.T.: 8.252 min
Delta R.T.: -0.004 min
Response: 110416931
Conc: 308.16 ng/ml




#41 AR-1268-1

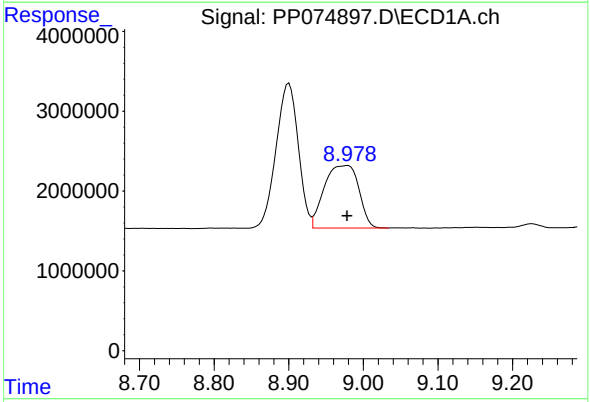
R.T.: 8.900 min
Delta R.T.: 0.017 min
Response: 37472467
Conc: 231.26 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



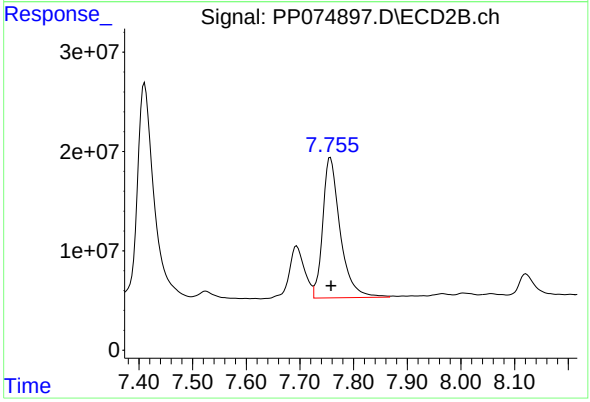

#41 AR-1268-1

R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 104413772
Conc: 74.03 ng/ml



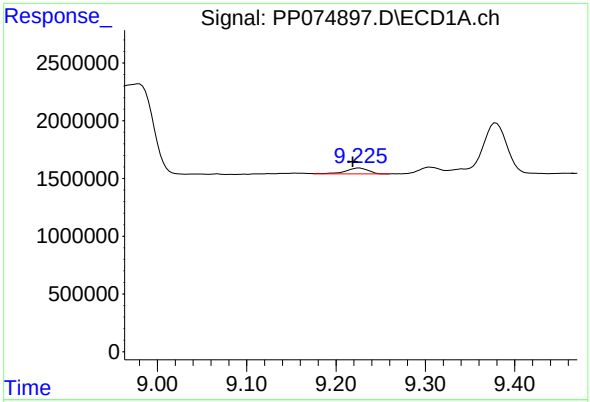

#42 AR-1268-2

R.T.: 8.979 min
Delta R.T.: 0.000 min
Response: 25127547
Conc: 171.24 ng/ml




#42 AR-1268-2

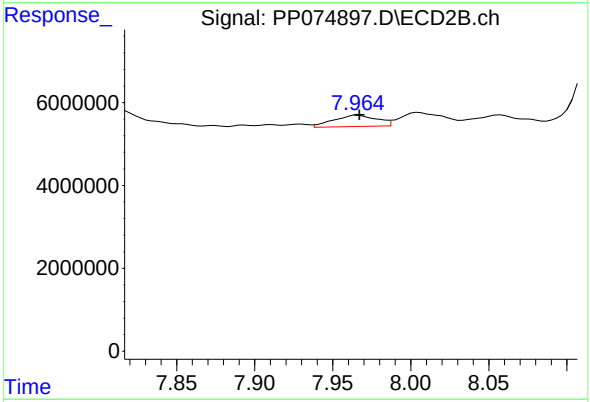
R.T.: 7.757 min
Delta R.T.: -0.001 min
Response: 319096088
Conc: 234.04 ng/ml




#43 AR-1268-3

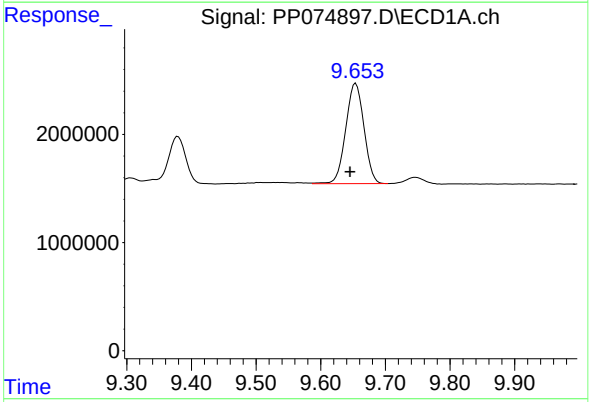
R.T.: 9.226 min
Delta R.T.: 0.007 min
Response: 898089
Conc: 7.27 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500



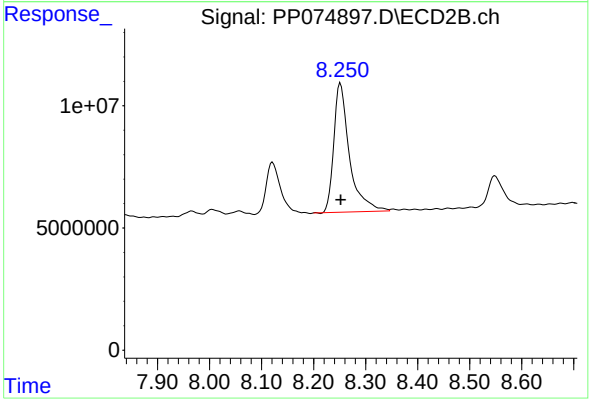

#43 AR-1268-3

R.T.: 7.966 min
Delta R.T.: -0.001 min
Response: 5237194
Conc: 5.02 ng/ml



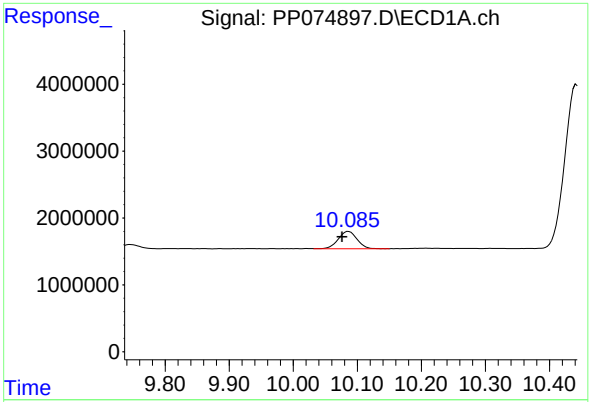

#44 AR-1268-4

R.T.: 9.654 min
Delta R.T.: 0.009 min
Response: 18217082
Conc: 270.83 ng/ml




#44 AR-1268-4

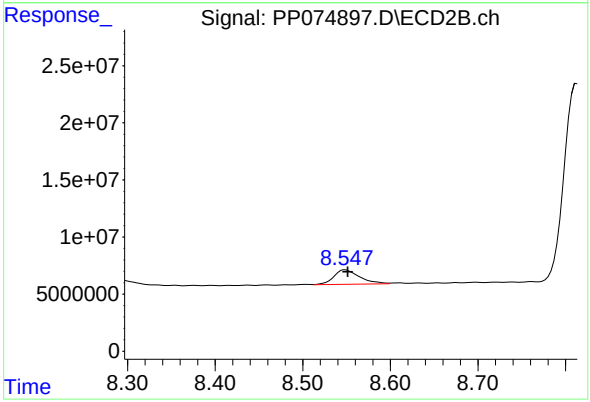
R.T.: 8.252 min
Delta R.T.: 0.000 min
Response: 110416931
Conc: 288.22 ng/ml




#45 AR-1268-5

R.T.: 10.086 min
Delta R.T.: 0.010 min
Response: 5275900
Conc: 14.25 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
AR1660CCC500




#45 AR-1268-5

R.T.: 8.549 min
Delta R.T.: -0.003 min
Response: 26097928
Conc: 8.32 ng/ml