

## Cover Page

**Order ID :** Q1569

**Project ID :** Fort Meade MD Tipton Airfield Parcel RI - 0111169

**Client :** Weston Solutions

**Lab Sample Number**

Q1569-01  
Q1569-02  
Q1569-04  
Q1569-05

**Client Sample Number**

TAP-IDW-SOIL-031325-01  
TAP-IDW-SOIL-031325-01  
TAP-IDW-SOIL-031325-02  
TAP-IDW-SOIL-031325-02

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: 3/20/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

## **CASE NARRATIVE**

### **Weston Solutions**

**Project Name: Fort Meade MD Tipton Airfield Parcel RI - 0111169**

**Project # N/A**

**Chemtech Project # Q1569**

**Test Name: PCB**

### **A. Number of Samples and Date of Receipt:**

4 Solid samples were received on 03/14/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Cyanide, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA and TCLP ZHE Extraction. 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 analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for C0018MS [Decachlorobiphenyl(2) - 170%], C0018MSD [Decachlorobiphenyl(2) - 166%] Surrogate failing for MS-MSD but it is passing for Original sample therefore no corrective action taken.

The Retention Times were acceptable for all samples.

The MS recoveries for {Q1572-06MS} with File ID: PP070564.D met requirements for all samples except for AR1016[7313%] and AR1260[169%] due to sample matrix interference.

The MSD {Q1572-06MSD} with File ID: PP070565.D recoveries met requirements for all samples except for AR1016[7777%] and AR1260[215%] due to sample matrix interference.

The RPD for {Q1572-06MSD} with File ID: PP070565.D met criteria except for AR1260[24%] due to difference in results of MS-MSD.

The Blank Spike met requirements for all samples .  
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 not QT review data is reported in the Miscellaneous.  
The soil samples results are based on a dry weight basis.

**F. Calculation for Concentration in Soil samples:**

$$\text{Concentration ug/Kg (Dry weight basis)} = \frac{(A_x) (V_t) (D_F) (G_P C)}{(C_F) (V_i) (W_s) (D)}$$

Where,

A<sub>x</sub> = Response (peak area or height) of the compound to be measured.

C<sub>F</sub> = Mean Calibration Factor from the initial calibration (area/ng).

V<sub>t</sub> = Volume of the concentrated extract in uL

V<sub>i</sub> = Volume of extract injected (uL). (If a single injection is made on to two columns, use ½ the volume in the syringe as the volume injected onto each column).

W<sub>s</sub> = Weight of sample extracted (g).

D =  $\frac{\% \text{ dry weight or } 100 - \% \text{ Moisture}}{100}$

GPC =  $\frac{V_{in}}{V_{out}}$  = GPC factor (If no GPC is performed, GPC=1)

V<sub>in</sub> = Volume of extract loaded onto GPC column.

V<sub>out</sub> = Volume of extract collected after GPC cleanup.

D<sub>F</sub> = Dilution Factor

**G. 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 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**

CHEMTECH PROJECT NUMBER: Q1569

MATRIX: Solid

METHOD: 8082A/3541

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 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 met the acceptable criteria except for C0018MS [Decachlorobiphenyl(2) - 170%], C0018MSD [Decachlorobiphenyl(2) - 166%]<br>Surrogate failing for MS-MSD but it is passing for Original sample therefore no corrective action taken.                                                                                                                                                                                                                                                                                                                     |    |    | ✓   |
| 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 MS recoveries for {Q1572-06MS} with File ID: PP070564.D met requirements for all samples except for AR1016[7313%] and AR1260[169%]due to sample matrix interference.<br><br>The MSD {Q1572-06MSD} with File ID: PP070565.D recoveries met requirements for all samples except for AR1016[7777%] and AR1260[215%]due to sample matrix interference.<br><br>The Blank Spike met requirements for all samples .<br><br>The RPD for {Q1572-06MSD} with File ID: PP070565.D met criteria except for AR1260[24%] due to difference in results of MS-MSD. |    |    | ✓   |
| 7. Retention Time Shift Meet Criteria (if applicable)<br><br>Comments:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |    | ✓   |



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

|                                                                                                | NA | NO | YES |
|------------------------------------------------------------------------------------------------|----|----|-----|
| 8. Extraction Holding Time Met                                                                 |    |    | ✓   |
| If not met, list number of days exceeded for each sample:                                      |    |    |     |
| 9. Analysis Holding Time Met                                                                   |    |    | ✓   |
| If not met, list those compounds and their recoveries which fall outside the acceptable range. |    |    |     |

ADDITIONAL COMMENTS:

The not QT review data is reported in the Miscellaneous.

The soil samples results are based on a dry weight basis.

\_\_\_\_\_  
QA REVIEW

\_\_\_\_\_  
Date

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q1569

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: 03/20/2025

## LAB CHRONICLE

|                 |                  |                   |                                                   |
|-----------------|------------------|-------------------|---------------------------------------------------|
| <b>OrderID:</b> | Q1569            | <b>OrderDate:</b> | 3/14/2025 10:44:00 AM                             |
| <b>Client:</b>  | Weston Solutions | <b>Project:</b>   | Fort Meade MD Tipton Airfield Parcel RI - 0111169 |
| <b>Contact:</b> | Nathan Fretz     | <b>Location:</b>  | I31,I33                                           |

| LabID           | ClientID                           | Matrix      | Test | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|------------------------------------|-------------|------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1569-01</b> | <b>TAP-IDW-SOIL-03132<br/>5-01</b> | <b>SOIL</b> |      |        | <b>03/13/25</b> |           |           | <b>03/14/25</b> |
|                 |                                    |             | PCB  | 8082A  |                 | 03/14/25  | 03/14/25  |                 |
| <b>Q1569-04</b> | <b>TAP-IDW-SOIL-03132<br/>5-02</b> | <b>SOIL</b> |      |        | <b>03/13/25</b> |           |           | <b>03/14/25</b> |
|                 |                                    |             | PCB  | 8082A  |                 | 03/14/25  | 03/14/25  |                 |



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

**SDG No.:** Q1569

**Order ID:** Q1569

**Client:** Weston Solutions

**Project ID:** Fort Meade MD Tipton Airfield Parcel

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

**Client ID :**

**Total Concentration:** 0.000



# QC SUMMARY

### Surrogate Summary

SDG No.: Q1569

Client: Weston Solutions

Analytical Method: 8082A

| Lab Sample ID    | Client ID              | Parameter            | Column | Spike | Result | Rec | Qual | Limits |      |
|------------------|------------------------|----------------------|--------|-------|--------|-----|------|--------|------|
|                  |                        |                      |        |       |        |     |      | Low    | High |
| I.BLK-PP070418.D | PIBLK-PP070418.D       | Tetrachloro-m-xylene | 1      | 20    | 22.0   | 110 |      | 60     | 140  |
|                  |                        | Decachlorobiphenyl   | 1      | 20    | 23.1   | 116 |      | 60     | 140  |
|                  |                        | Tetrachloro-m-xylene | 2      | 20    | 23.0   | 115 |      | 60     | 140  |
|                  |                        | Decachlorobiphenyl   | 2      | 20    | 23.5   | 117 |      | 60     | 140  |
| I.BLK-PP070547.D | PIBLK-PP070547.D       | Tetrachloro-m-xylene | 1      | 20    | 19.5   | 97  |      | 60     | 140  |
|                  |                        | Decachlorobiphenyl   | 1      | 20    | 20.3   | 101 |      | 60     | 140  |
|                  |                        | Tetrachloro-m-xylene | 2      | 20    | 20.5   | 102 |      | 60     | 140  |
|                  |                        | Decachlorobiphenyl   | 2      | 20    | 20.4   | 102 |      | 60     | 140  |
| PB167143BL       | PB167143BL             | Tetrachloro-m-xylene | 1      | 20    | 20.4   | 102 |      | 44     | 130  |
|                  |                        | Decachlorobiphenyl   | 1      | 20    | 21.2   | 106 |      | 60     | 125  |
|                  |                        | Tetrachloro-m-xylene | 2      | 20    | 21.4   | 107 |      | 44     | 130  |
|                  |                        | Decachlorobiphenyl   | 2      | 20    | 21.0   | 105 |      | 60     | 125  |
| PB167143BS       | PB167143BS             | Tetrachloro-m-xylene | 1      | 20    | 21.4   | 107 |      | 44     | 130  |
|                  |                        | Decachlorobiphenyl   | 1      | 20    | 21.8   | 109 |      | 60     | 125  |
|                  |                        | Tetrachloro-m-xylene | 2      | 20    | 21.7   | 108 |      | 44     | 130  |
|                  |                        | Decachlorobiphenyl   | 2      | 20    | 20.0   | 100 |      | 60     | 125  |
| Q1569-01         | TAP-IDW-SOIL-031325-01 | Tetrachloro-m-xylene | 1      | 20    | 18.9   | 95  |      | 44     | 130  |
|                  |                        | Decachlorobiphenyl   | 1      | 20    | 18.0   | 90  |      | 60     | 125  |
|                  |                        | Tetrachloro-m-xylene | 2      | 20    | 19.6   | 98  |      | 44     | 130  |
|                  |                        | Decachlorobiphenyl   | 2      | 20    | 17.2   | 86  |      | 60     | 125  |
| Q1569-04         | TAP-IDW-SOIL-031325-02 | Tetrachloro-m-xylene | 1      | 20    | 21.6   | 108 |      | 44     | 130  |
|                  |                        | Decachlorobiphenyl   | 1      | 20    | 20.2   | 101 |      | 60     | 125  |
|                  |                        | Tetrachloro-m-xylene | 2      | 20    | 22.7   | 114 |      | 44     | 130  |
|                  |                        | Decachlorobiphenyl   | 2      | 20    | 19.3   | 96  |      | 60     | 125  |
| I.BLK-PP070562.D | PIBLK-PP070562.D       | Tetrachloro-m-xylene | 1      | 20    | 20.1   | 100 |      | 60     | 140  |
|                  |                        | Decachlorobiphenyl   | 1      | 20    | 20.9   | 104 |      | 60     | 140  |
|                  |                        | Tetrachloro-m-xylene | 2      | 20    | 21.2   | 106 |      | 60     | 140  |
|                  |                        | Decachlorobiphenyl   | 2      | 20    | 20.2   | 101 |      | 60     | 140  |
| Q1572-06MS       | C0018MS                | Tetrachloro-m-xylene | 1      | 20    | 20.3   | 101 |      | 44     | 130  |
|                  |                        | Decachlorobiphenyl   | 1      | 20    | 21.8   | 109 |      | 60     | 125  |
|                  |                        | Tetrachloro-m-xylene | 2      | 20    | 19.0   | 95  |      | 44     | 130  |
|                  |                        | Decachlorobiphenyl   | 2      | 20    | 34.0   | 170 | *    | 60     | 125  |
| Q1572-06MSD      | C0018MSD               | Tetrachloro-m-xylene | 1      | 20    | 20.8   | 104 |      | 44     | 130  |
|                  |                        | Decachlorobiphenyl   | 1      | 20    | 22.3   | 112 |      | 60     | 125  |
|                  |                        | Tetrachloro-m-xylene | 2      | 20    | 19.6   | 98  |      | 44     | 130  |
|                  |                        | Decachlorobiphenyl   | 2      | 20    | 33.2   | 166 | *    | 60     | 125  |
| I.BLK-PP070572.D | PIBLK-PP070572.D       | Tetrachloro-m-xylene | 1      | 20    | 20.2   | 101 |      | 60     | 140  |
|                  |                        | Decachlorobiphenyl   | 1      | 20    | 21.0   | 105 |      | 60     | 140  |
|                  |                        | Tetrachloro-m-xylene | 2      | 20    | 21.1   | 105 |      | 60     | 140  |
|                  |                        | Decachlorobiphenyl   | 2      | 20    | 20.5   | 102 |      | 60     | 140  |



### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1569

Client: Weston Solutions

Analytical Method: 8082A

DataFile : PP070564.D

| Lab Sample ID:    | Parameter | Spike | Sample<br>Result | Result | Units | Rec  | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|-------------------|-----------|-------|------------------|--------|-------|------|-------------|-----|-------------|-----|----------------|-----|
| Client Sample ID: | C0018MS   |       |                  |        |       |      |             |     |             |     |                |     |
| Q1572-06MS        | AR1016    | 218.8 | 0                | 16000  | ug/kg | 7313 | *           |     |             | 47  | 134            |     |
|                   | AR1260    | 218.8 | 930              | 1300   | ug/kg | 169  | *           |     |             | 53  | 140            |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1569

Client: Weston Solutions

Analytical Method: 8082A

DataFile : PP070565.D

| Lab Sample ID:    | Parameter | Spike | Sample<br>Result | Result | Units | Rec  | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|-------------------|-----------|-------|------------------|--------|-------|------|-------------|-----|-------------|-----|----------------|-----|
| Client Sample ID: | C0018MSD  |       |                  |        |       |      |             |     |             |     |                |     |
| Q1572-06MSD       | AR1016    | 218.6 | 0                | 17000  | ug/kg | 7777 | *           | 6   |             | 47  | 134            | 20  |
|                   | AR1260    | 218.6 | 930              | 1400   | ug/kg | 215  | *           | 24  | *           | 53  | 140            | 20  |



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

**SW-846**

**SDG No.:** Q1569

**Client:** Weston Solutions

**Analytical Method:** **8082A** **Datafile :** PP070549.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|               |           |       |        |       |     |     |      | Qual | Low | High   | RPD |
| PB167143BS    | AR1016    | 166.5 | 152    | ug/kg | 91  |     |      |      | 47  | 134    |     |
|               | AR1260    | 166.5 | 145    | ug/kg | 87  |     |      |      | 53  | 140    |     |

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167143BL

Lab Name: CHEMTECH

Contract: WEST04

Lab Code: CHEM Case No.: Q1569

SAS No.: Q1569 SDG NO.: Q1569

Lab Sample ID: PB167143BL

Lab File ID: PP070548.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 03/14/2025

Date Analyzed (1): 03/14/2025

Date Analyzed (2): 03/14/2025

Time Analyzed (1): 22:36

Time Analyzed (2): 22:36

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

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

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

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

| EPA<br>SAMPLE NO.      | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|------------------------|------------------|----------------|--------------------|--------------------|
| PB167143BS             | PB167143BS       | PP070549.D     | 03/14/2025         | 03/14/2025         |
| TAP-IDW-SOIL-031325-01 | Q1569-01         | PP070550.D     | 03/14/2025         | 03/14/2025         |
| TAP-IDW-SOIL-031325-02 | Q1569-04         | PP070551.D     | 03/14/2025         | 03/14/2025         |
| C0018MS                | Q1572-06MS       | PP070564.D     | 03/15/2025         | 03/15/2025         |
| C0018MSD               | Q1572-06MSD      | PP070565.D     | 03/15/2025         | 03/15/2025         |

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



# SAMPLE DATA

## Report of Analysis

|                    |                                                   |                    |               |
|--------------------|---------------------------------------------------|--------------------|---------------|
| Client:            | Weston Solutions                                  | Date Collected:    | 03/13/25      |
| Project:           | Fort Meade MD Tipton Airfield Parcel RI - 0111169 | Date Received:     | 03/14/25      |
| Client Sample ID:  | TAP-IDW-SOIL-031325-01                            | SDG No.:           | Q1569         |
| Lab Sample ID:     | Q1569-01                                          | Matrix:            | SOIL          |
| Analytical Method: | SW8082A                                           | % Solid:           | 76.6          |
| Sample Wt/Vol:     | 30.07      Units:    g                            | Final Vol:         | 10000      uL |
| Soil Aliquot Vol:  | uL                                                | Test:              | PCB           |
| Extraction Type:   |                                                   | Injection Volume : |               |
| GPC Factor :       | 1.0      PH :                                     |                    |               |
| Prep Method :      | SW3541B                                           |                    |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP070550.D        | 1         | 03/14/25 12:25 | 03/14/25 23:09 | PB167143      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |                   |
| 12674-11-2        | Aroclor-1016         | 10.8  | U         | 5.10     | 10.8 | 22.1       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 16.9  | U         | 5.20     | 16.9 | 22.1       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 10.8  | U         | 4.80     | 10.8 | 22.1       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 10.8  | U         | 5.20     | 10.8 | 22.1       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 16.9  | U         | 7.70     | 16.9 | 22.1       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 10.8  | U         | 4.20     | 10.8 | 22.1       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 16.9  | U         | 6.50     | 16.9 | 22.1       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 10.8  | U         | 4.70     | 10.8 | 22.1       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 10.8  | U         | 4.20     | 10.8 | 22.1       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |      |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 19.6  |           | 44 - 130 |      | 98%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 18.0  |           | 60 - 125 |      | 90%        | 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\PP031425\  
 Data File : PP070550.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2025 23:09  
 Operator : YP\AJ  
 Sample : Q1569-01  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 TAP-IDW-SOIL-031325-01

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 01:59:40 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.522  | 3.825 | 29392699 | 19679496 | 18.897 | 19.635 |
| 2) SA Decachlor...          | 10.240 | 8.870 | 19093244 | 16823569 | 17.973 | 17.196 |

Target Compounds

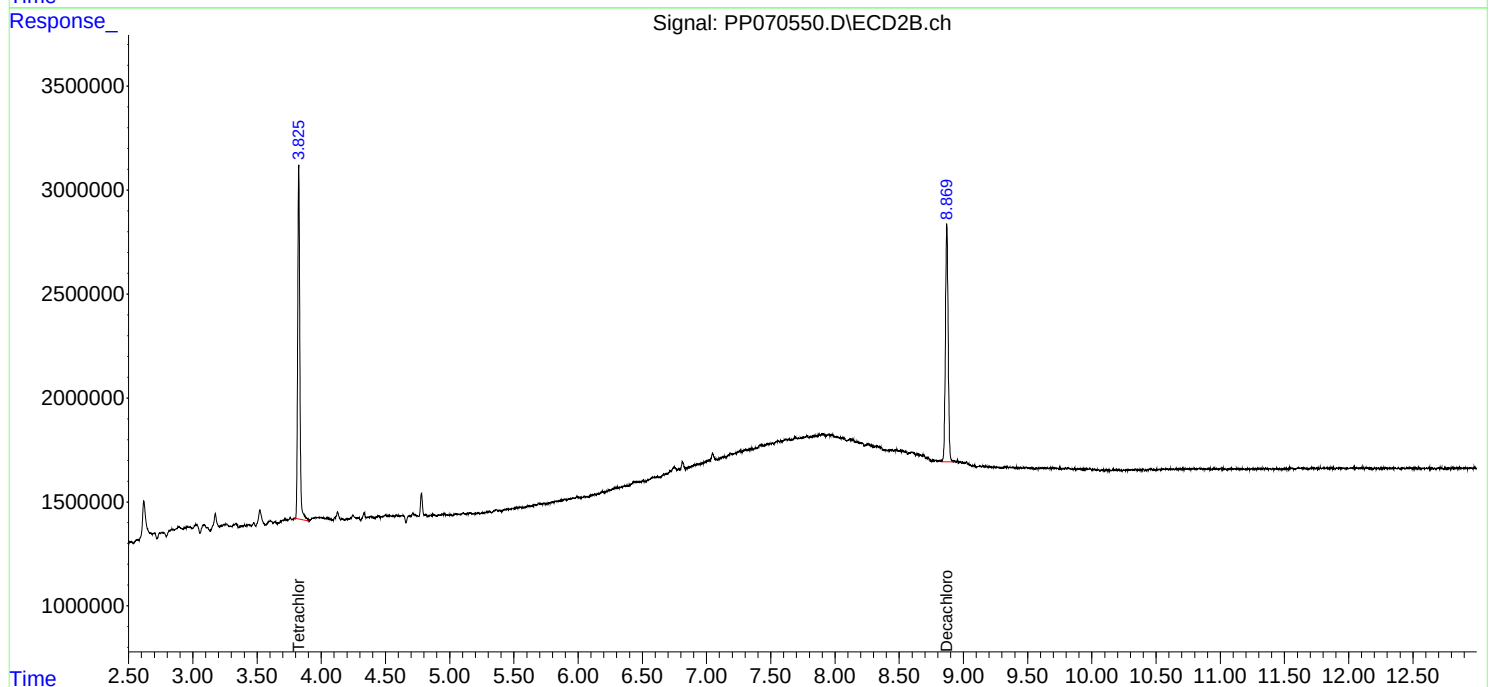
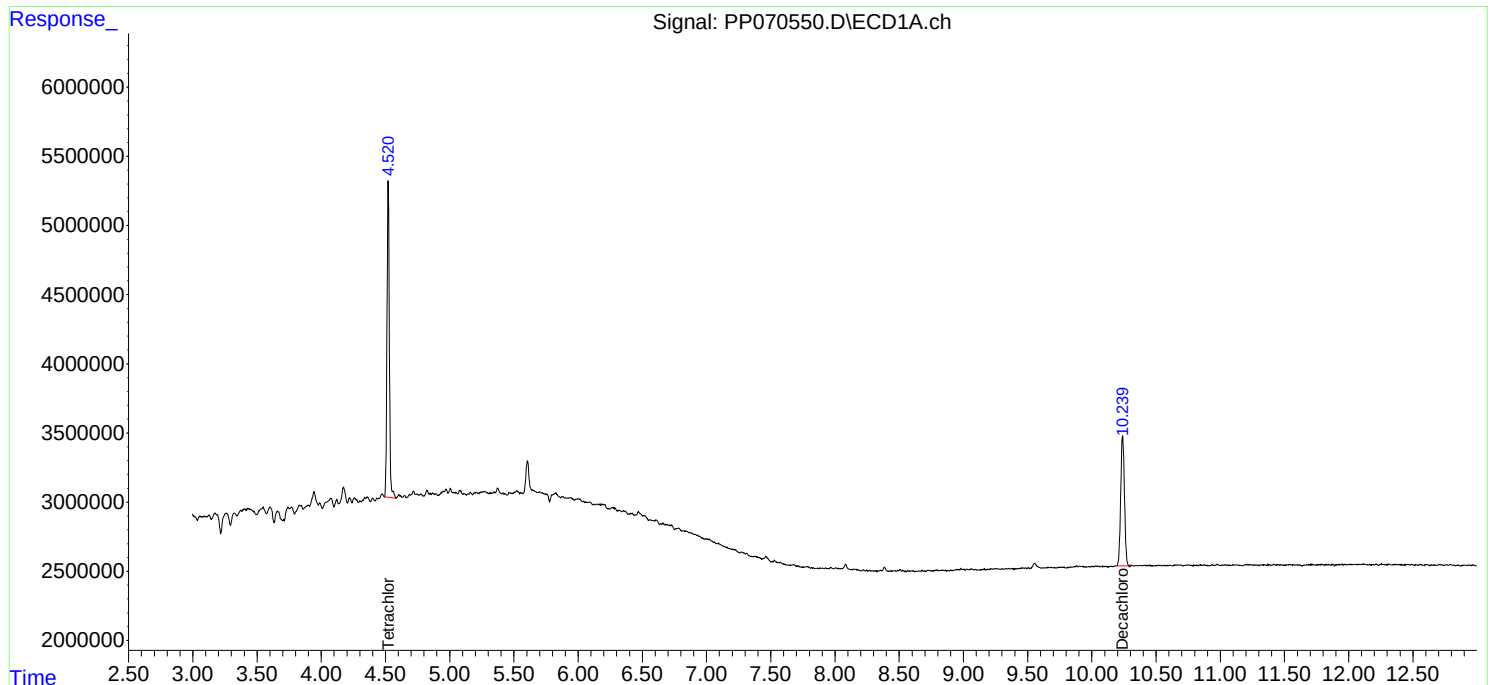
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070550.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2025 23:09  
Operator : YP\AJ  
Sample : Q1569-01  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

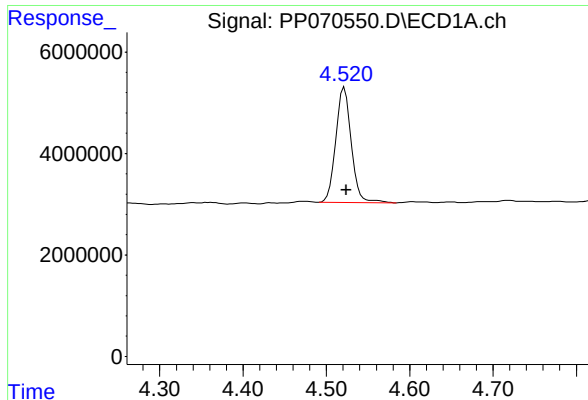
Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-01

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 01:59:40 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



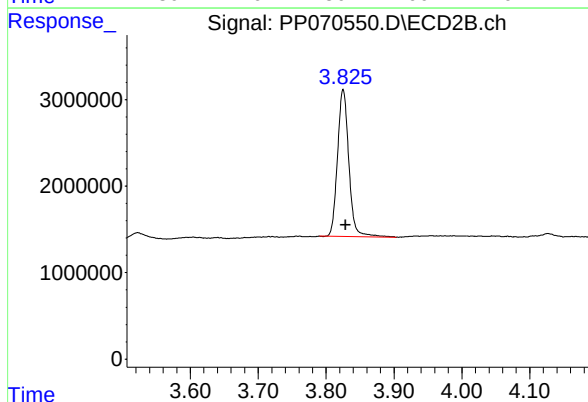




## #1 Tetrachloro-m-xylene

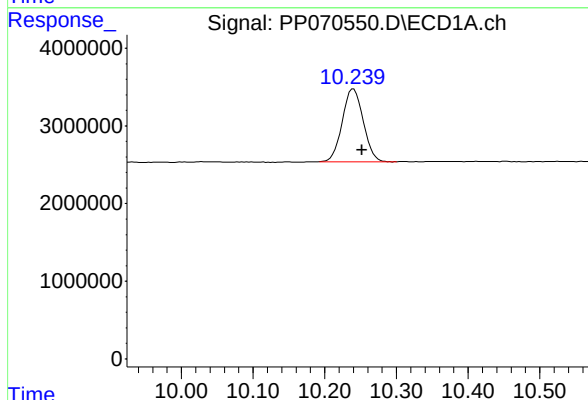
R.T.: 4.522 min  
Delta R.T.: -0.002 min  
Response: 29392699  
Conc: 18.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-01



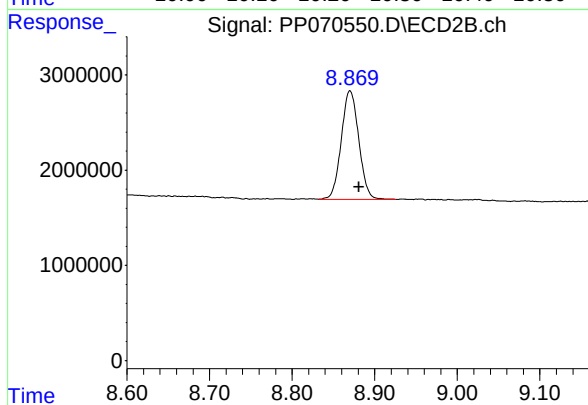
## #1 Tetrachloro-m-xylene

R.T.: 3.825 min  
Delta R.T.: -0.004 min  
Response: 19679496  
Conc: 19.63 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.240 min  
Delta R.T.: -0.012 min  
Response: 19093244  
Conc: 17.97 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.870 min  
Delta R.T.: -0.011 min  
Response: 16823569  
Conc: 17.20 ng/ml

## Report of Analysis

|                    |                                                   |                    |          |
|--------------------|---------------------------------------------------|--------------------|----------|
| Client:            | Weston Solutions                                  | Date Collected:    | 03/13/25 |
| Project:           | Fort Meade MD Tipton Airfield Parcel RI - 0111169 | Date Received:     | 03/14/25 |
| Client Sample ID:  | TAP-IDW-SOIL-031325-02                            | SDG No.:           | Q1569    |
| Lab Sample ID:     | Q1569-04                                          | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                                           | % Solid:           | 73.3     |
| Sample Wt/Vol:     | 30.03                                             | Units:             | g        |
| Soil Aliquot Vol:  |                                                   |                    | uL       |
| Extraction Type:   |                                                   | Test:              | PCB      |
| GPC Factor :       | 1.0                                               | PH :               |          |
| Prep Method :      | SW3541B                                           | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP070551.D        | 1         | 03/14/25 12:25 | 03/14/25 23:25 | PB167143      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |                   |
| 12674-11-2        | Aroclor-1016         | 11.3  | U         | 5.40     | 11.3 | 23.2       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 17.7  | U         | 5.50     | 17.7 | 23.2       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 11.3  | U         | 5.10     | 11.3 | 23.2       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 11.3  | U         | 5.50     | 11.3 | 23.2       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 17.7  | U         | 8.10     | 17.7 | 23.2       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 11.3  | U         | 4.40     | 11.3 | 23.2       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 17.7  | U         | 6.80     | 17.7 | 23.2       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 11.3  | U         | 4.90     | 11.3 | 23.2       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 11.3  | U         | 4.40     | 11.3 | 23.2       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |      |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 22.7  |           | 44 - 130 |      | 114%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 20.2  |           | 60 - 125 |      | 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 &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
 Data File : PP070551.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2025 23:25  
 Operator : YP\AJ  
 Sample : Q1569-04  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 TAP-IDW-SOIL-031325-02

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
 Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 02:00:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|--------|-------|----------|----------|---------|--------|
| -----                       |        |       |          |          |         |        |
| System Monitoring Compounds |        |       |          |          |         |        |
| 1) SA Tetrachlo...          | 4.521  | 3.825 | 33677368 | 22779272 | 21.652m | 22.727 |
| 2) SA Decachlor...          | 10.242 | 8.871 | 21494391 | 18839461 | 20.233  | 19.256 |

### Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070551.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2025 23:25  
Operator : YP\AJ  
Sample : Q1569-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

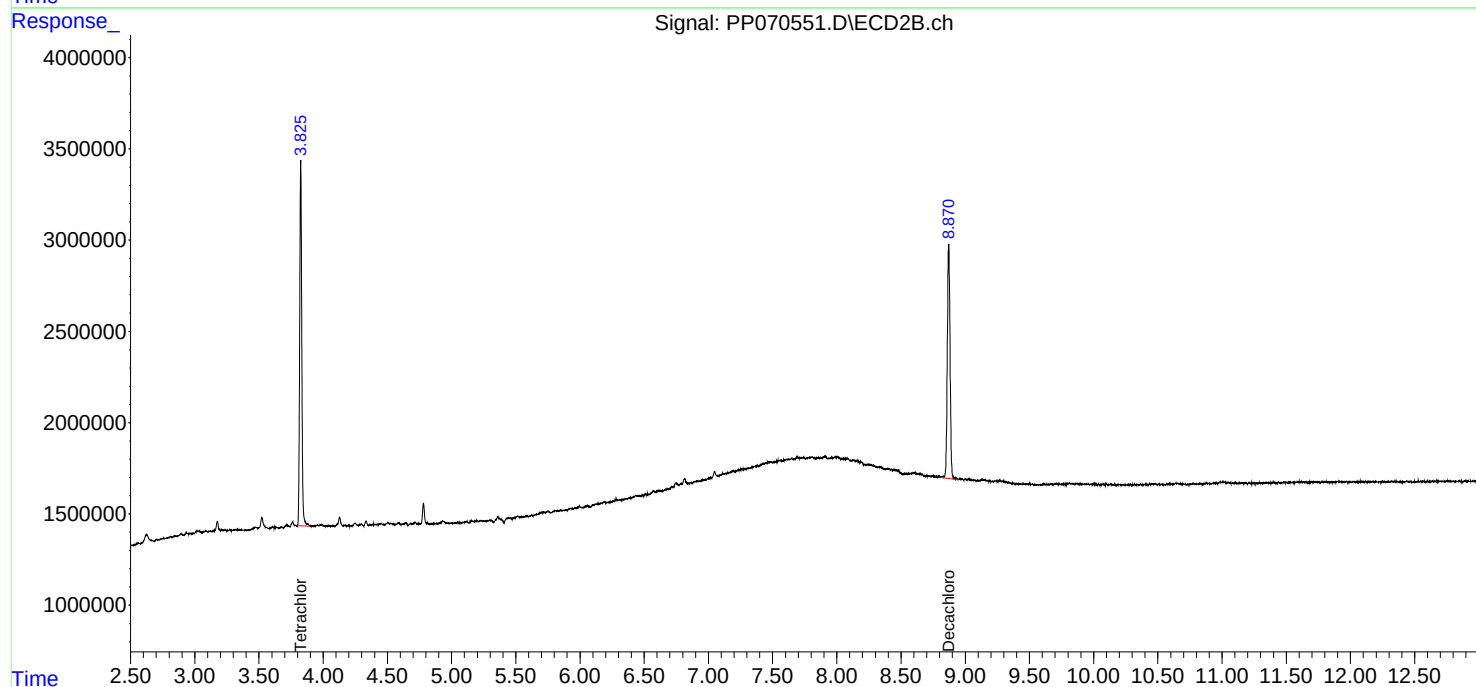
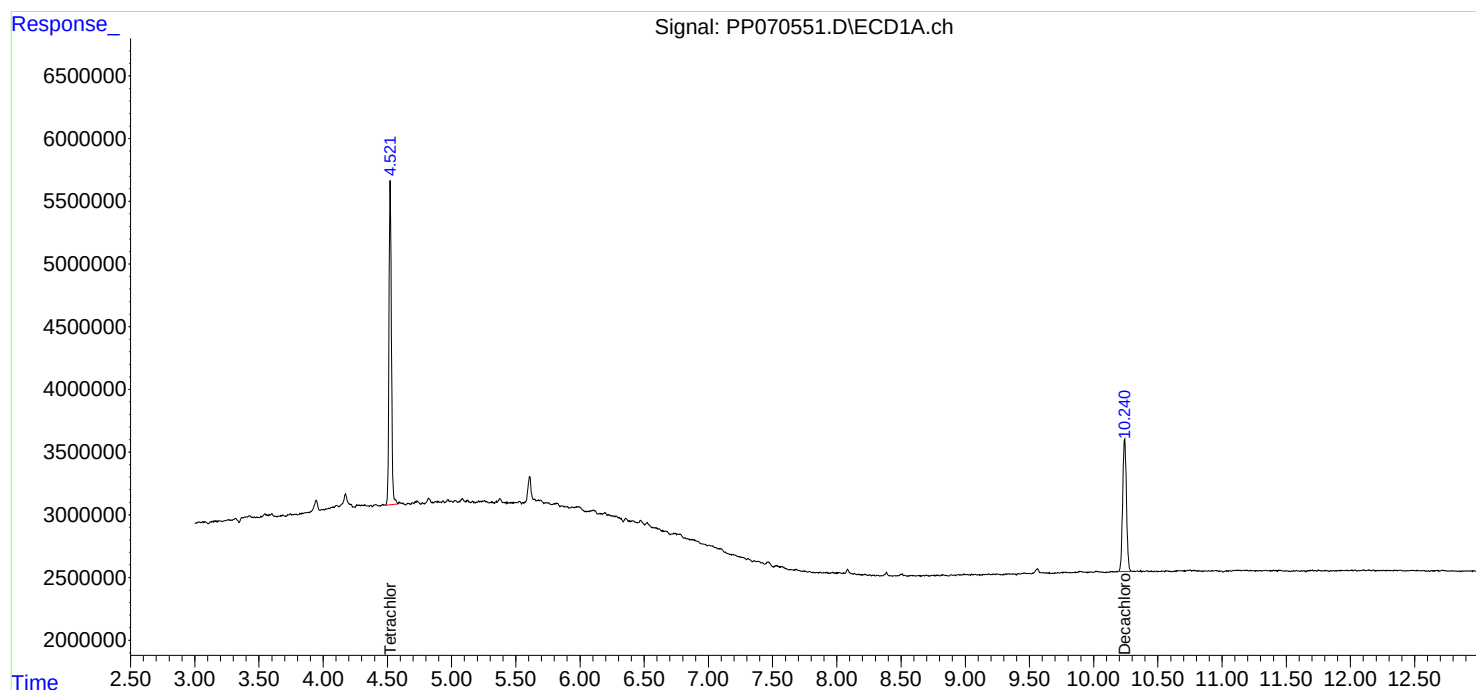
Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02

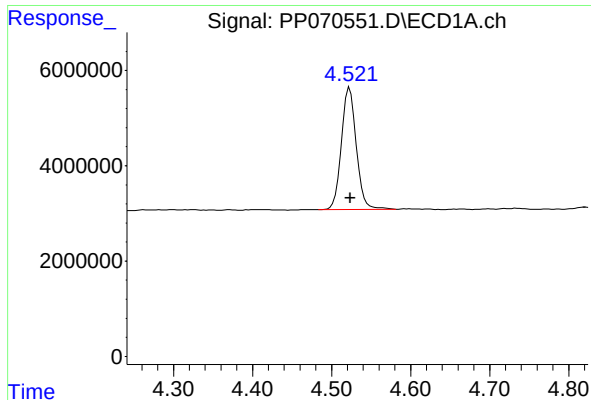
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 02:00:00 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





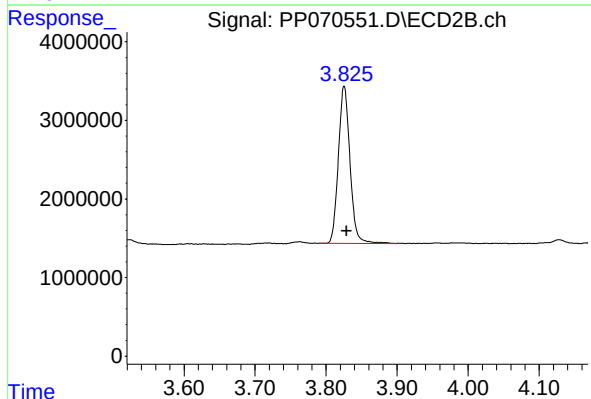
## #1 Tetrachloro-m-xylene

R.T.: 4.521 min  
Delta R.T.: -0.003 min  
Response: 33677368  
Conc: 21.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02

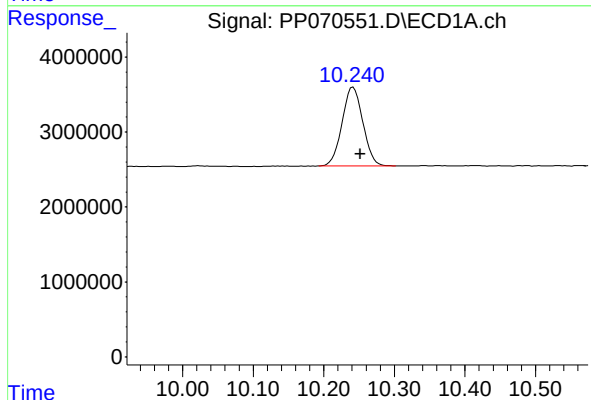
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



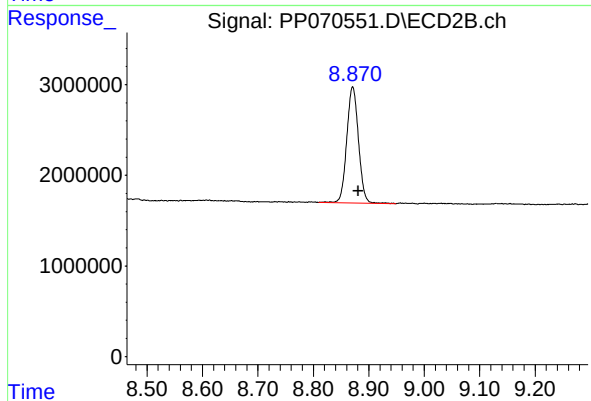
## #1 Tetrachloro-m-xylene

R.T.: 3.825 min  
Delta R.T.: -0.003 min  
Response: 22779272  
Conc: 22.73 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.242 min  
Delta R.T.: -0.010 min  
Response: 21494391  
Conc: 20.23 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.871 min  
Delta R.T.: -0.010 min  
Response: 18839461  
Conc: 19.26 ng/ml



# CALIBRATION SUMMARY

## RETENTION TIMES OF INITIAL CALIBRATION

**Contract:** WEST04  
**Lab Code:** CHEM **Case No.:** Q1569 **SAS No.:** Q1569 **SDG NO.:** Q1569  
**Instrument ID:** ECD\_P **Calibration Date(s):** 03/11/2025 03/11/2025  
**Calibration Times:** 15:13 23:38

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

|                                   |                                    |                                   |
|-----------------------------------|------------------------------------|-----------------------------------|
| <b>LAB FILE ID:</b>               | <b>RT 1000 =</b> <u>PP070419.D</u> | <b>RT 750 =</b> <u>PP070420.D</u> |
| <b>RT 500 =</b> <u>PP070421.D</u> | <b>RT 250 =</b> <u>PP070422.D</u>  | <b>RT 050 =</b> <u>PP070423.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |       |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|-------|
|                      |     |         |        |        |        |        |            | FROM      | TO    |
| Aroclor-1016-1       | (1) | 5.68    | 5.68   | 5.68   | 5.68   | 5.68   | 5.68       | 5.58      | 5.78  |
| Aroclor-1016-2       | (2) | 5.70    | 5.70   | 5.70   | 5.70   | 5.70   | 5.70       | 5.60      | 5.80  |
| Aroclor-1016-3       | (3) | 5.76    | 5.76   | 5.76   | 5.76   | 5.76   | 5.76       | 5.66      | 5.86  |
| Aroclor-1016-4       | (4) | 5.86    | 5.86   | 5.86   | 5.86   | 5.86   | 5.86       | 5.76      | 5.96  |
| Aroclor-1016-5       | (5) | 6.15    | 6.15   | 6.15   | 6.15   | 6.15   | 6.15       | 6.05      | 6.25  |
| Aroclor-1260-1       | (1) | 7.27    | 7.27   | 7.27   | 7.27   | 7.27   | 7.27       | 7.17      | 7.37  |
| Aroclor-1260-2       | (2) | 7.53    | 7.52   | 7.53   | 7.53   | 7.53   | 7.53       | 7.43      | 7.63  |
| Aroclor-1260-3       | (3) | 7.89    | 7.88   | 7.88   | 7.89   | 7.89   | 7.88       | 7.78      | 7.98  |
| Aroclor-1260-4       | (4) | 8.11    | 8.11   | 8.11   | 8.11   | 8.11   | 8.11       | 8.01      | 8.21  |
| Aroclor-1260-5       | (5) | 8.43    | 8.43   | 8.43   | 8.43   | 8.43   | 8.43       | 8.33      | 8.53  |
| Decachlorobiphenyl   |     | 10.25   | 10.25  | 10.25  | 10.26  | 10.25  | 10.25      | 10.15     | 10.35 |
| Tetrachloro-m-xylene |     | 4.53    | 4.52   | 4.52   | 4.53   | 4.53   | 4.53       | 4.43      | 4.63  |
| Aroclor-1232-1       | (1) | 4.89    | 4.89   | 4.89   | 4.89   | 4.89   | 4.89       | 4.79      | 4.99  |
| Aroclor-1232-2       | (2) | 5.41    | 5.41   | 5.41   | 5.41   | 5.41   | 5.41       | 5.31      | 5.51  |
| Aroclor-1232-3       | (3) | 5.70    | 5.70   | 5.70   | 5.70   | 5.70   | 5.70       | 5.60      | 5.80  |
| Aroclor-1232-4       | (4) | 5.86    | 5.86   | 5.86   | 5.86   | 5.86   | 5.86       | 5.76      | 5.96  |
| Aroclor-1232-5       | (5) | 5.95    | 5.95   | 5.95   | 5.95   | 5.94   | 5.95       | 5.85      | 6.05  |
| Decachlorobiphenyl   |     | 10.25   | 10.25  | 10.25  | 10.25  | 10.26  | 10.25      | 10.15     | 10.35 |
| Tetrachloro-m-xylene |     | 4.53    | 4.53   | 4.53   | 4.53   | 4.53   | 4.53       | 4.43      | 4.63  |
| Aroclor-1242-1       | (1) | 5.68    | 5.68   | 5.68   | 5.68   | 5.68   | 5.68       | 5.58      | 5.78  |
| Aroclor-1242-2       | (2) | 5.70    | 5.70   | 5.70   | 5.70   | 5.70   | 5.70       | 5.60      | 5.80  |
| Aroclor-1242-3       | (3) | 5.76    | 5.76   | 5.76   | 5.76   | 5.76   | 5.76       | 5.66      | 5.86  |
| Aroclor-1242-4       | (4) | 5.86    | 5.86   | 5.86   | 5.86   | 5.86   | 5.86       | 5.76      | 5.96  |
| Aroclor-1242-5       | (5) | 6.59    | 6.59   | 6.59   | 6.59   | 6.59   | 6.59       | 6.49      | 6.69  |
| Decachlorobiphenyl   |     | 10.25   | 10.25  | 10.25  | 10.25  | 10.25  | 10.25      | 10.15     | 10.35 |
| Tetrachloro-m-xylene |     | 4.53    | 4.53   | 4.53   | 4.52   | 4.53   | 4.53       | 4.43      | 4.63  |
| Aroclor-1248-1       | (1) | 5.68    | 5.68   | 5.68   | 5.68   | 5.68   | 5.68       | 5.58      | 5.78  |
| Aroclor-1248-2       | (2) | 5.95    | 5.95   | 5.95   | 5.95   | 5.95   | 5.95       | 5.85      | 6.05  |
| Aroclor-1248-3       | (3) | 6.15    | 6.15   | 6.15   | 6.15   | 6.15   | 6.15       | 6.05      | 6.25  |
| Aroclor-1248-4       | (4) | 6.55    | 6.55   | 6.55   | 6.55   | 6.55   | 6.55       | 6.45      | 6.65  |
| Aroclor-1248-5       | (5) | 6.59    | 6.59   | 6.59   | 6.59   | 6.59   | 6.59       | 6.49      | 6.69  |
| Decachlorobiphenyl   |     | 10.25   | 10.25  | 10.25  | 10.25  | 10.25  | 10.25      | 10.15     | 10.35 |
| Tetrachloro-m-xylene |     | 4.53    | 4.52   | 4.52   | 4.52   | 4.52   | 4.52       | 4.42      | 4.62  |
| Aroclor-1254-1       | (1) | 6.53    | 6.53   | 6.53   | 6.52   | 6.53   | 6.53       | 6.43      | 6.63  |
| Aroclor-1254-2       | (2) | 6.74    | 6.74   | 6.75   | 6.74   | 6.74   | 6.74       | 6.64      | 6.84  |
| Aroclor-1254-3       | (3) | 7.11    | 7.11   | 7.11   | 7.10   | 7.11   | 7.11       | 7.01      | 7.21  |
| Aroclor-1254-4       | (4) | 7.39    | 7.39   | 7.39   | 7.39   | 7.39   | 7.39       | 7.29      | 7.49  |
| Aroclor-1254-5       | (5) | 7.81    | 7.81   | 7.81   | 7.80   | 7.81   | 7.81       | 7.71      | 7.91  |

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |       |       |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Decachlorobiphenyl   | 10.25 | 10.25 | 10.25 | 10.25 | 10.25 | 10.25 | 10.15 | 10.35 |
| Tetrachloro-m-xylene | 4.53  | 4.52  | 4.53  | 4.52  | 4.53  | 4.53  | 4.43  | 4.63  |
| Aroclor-1268-1 (1)   | 8.75  | 8.74  | 8.74  | 8.74  | 8.75  | 8.74  | 8.64  | 8.84  |
| Aroclor-1268-2 (2)   | 8.84  | 8.84  | 8.83  | 8.83  | 8.84  | 8.84  | 8.74  | 8.94  |
| Aroclor-1268-3 (3)   | 9.07  | 9.07  | 9.07  | 9.07  | 9.07  | 9.07  | 8.97  | 9.17  |
| Aroclor-1268-4 (4)   | 9.49  | 9.49  | 9.49  | 9.49  | 9.49  | 9.49  | 9.39  | 9.59  |
| Aroclor-1268-5 (5)   | 9.91  | 9.91  | 9.90  | 9.91  | 9.91  | 9.91  | 9.81  | 10.01 |
| Decachlorobiphenyl   | 10.25 | 10.25 | 10.25 | 10.25 | 10.25 | 10.25 | 10.15 | 10.35 |
| Tetrachloro-m-xylene | 4.53  | 4.53  | 4.52  | 4.52  | 4.53  | 4.53  | 4.43  | 4.63  |



### RETENTION TIMES OF INITIAL CALIBRATION

**Contract:** WEST04

Lab Code: CHEM

**Case No.: Q1569**

**SAS No.: Q1569**

SDG NO.: Q1569

Instrument ID: ECD\_P

**Calibration Date(s):**

**03/11/2025**

**03/11/2025**

**Calibration Times:**

15:13

**23:38**

GC Column: ZB-MR2

ID: 0.32 (mm)

**LAB FILE ID:**

RT 1000 = PP070419.D

**RT 750 = PP070420.D**

RT 500 = PP070421.D

RT 250 = PP070422.D

RT 050 = PP070423.D

[illegible]

[illegible]

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** WEST04  
**Lab Code:** CHEM **Case No.:** Q1569 **SAS No.:** Q1569 **SDG NO.:** Q1569  
**Instrument ID:** ECD\_P **Calibration Date(s):** 03/11/2025 03/11/2025  
**Calibration Times:** 15:13 23:38

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

| LAB FILE ID:               |     | CF 1000 = <u>PP070419.D</u> |            | CF 750 = <u>PP070420.D</u> |            |            |       |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|-------|
| CF 500 = <u>PP070421.D</u> |     | CF 250 = <u>PP070422.D</u>  |            | CF 050 = <u>PP070423.D</u> |            |            |       |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD |
| Aroclor-1016-1             | (1) | 46284919                    | 48624555   | 51195480                   | 56320148   | 56830900   | 9     |
| Aroclor-1016-2             | (2) | 68727144                    | 72260815   | 75092688                   | 79473188   | 62170340   | 9     |
| Aroclor-1016-3             | (3) | 41881157                    | 43836071   | 46346194                   | 49629608   | 45996640   | 6     |
| Aroclor-1016-4             | (4) | 34693414                    | 37117197   | 39579046                   | 42287028   | 41512180   | 8     |
| Aroclor-1016-5             | (5) | 32535779                    | 33720589   | 35503344                   | 36571056   | 34779300   | 5     |
| Aroclor-1260-1             | (1) | 55067637                    | 58265401   | 60660348                   | 63250936   | 56446720   | 6     |
| Aroclor-1260-2             | (2) | 75483004                    | 79277409   | 82983970                   | 87347188   | 85123440   | 6     |
| Aroclor-1260-3             | (3) | 62678610                    | 64989695   | 68010270                   | 70682128   | 62427680   | 5     |
| Aroclor-1260-4             | (4) | 60990738                    | 64683661   | 66152948                   | 69503548   | 65382940   | 5     |
| Aroclor-1260-5             | (5) | 130557968                   | 135103443  | 140419232                  | 146528904  | 130778620  | 5     |
| Decachlorobiphenyl         |     | 1005446690                  | 1044219213 | 1084386360                 | 1134008440 | 1043654800 | 5     |
| Tetrachloro-m-xylene       |     | 1462968010                  | 1529300040 | 1575427920                 | 1661278640 | 1547936200 | 5     |
| Aroclor-1232-1             | (1) | 31812517                    | 33409335   | 34815870                   | 38072588   | 39676960   | 9     |
| Aroclor-1232-2             | (2) | 16331114                    | 17367928   | 17709532                   | 17293972   | 15638140   | 5     |
| Aroclor-1232-3             | (3) | 33685372                    | 35206453   | 37651060                   | 39178940   | 37126640   | 6     |
| Aroclor-1232-4             | (4) | 17112653                    | 18207945   | 18881288                   | 20579940   | 20189680   | 8     |
| Aroclor-1232-5             | (5) | 12358074                    | 13019340   | 13596998                   | 11696560   | 14140280   | 7     |
| Decachlorobiphenyl         |     | 1007346640                  | 1061633867 | 1110112680                 | 1150608440 | 1055455400 | 5     |
| Tetrachloro-m-xylene       |     | 1503870440                  | 1587673493 | 1628432540                 | 1684437880 | 1564380200 | 4     |
| Aroclor-1242-1             | (1) | 39253435                    | 41704367   | 43482132                   | 47856472   | 49946320   | 10    |
| Aroclor-1242-2             | (2) | 58252556                    | 60113944   | 62228844                   | 66050560   | 60258320   | 5     |
| Aroclor-1242-3             | (3) | 35362447                    | 36380501   | 38652894                   | 41645404   | 33464760   | 9     |
| Aroclor-1242-4             | (4) | 29479509                    | 30833784   | 32552722                   | 35082164   | 32717220   | 7     |
| Aroclor-1242-5             | (5) | 29991669                    | 31404576   | 32011208                   | 32699504   | 29130640   | 5     |
| Decachlorobiphenyl         |     | 1017143570                  | 1063398627 | 1098678020                 | 1146617040 | 1019213600 | 5     |
| Tetrachloro-m-xylene       |     | 1483500490                  | 1538532373 | 1587702840                 | 1655080400 | 1578490200 | 4     |
| Aroclor-1248-1             | (1) | 30241509                    | 31836707   | 34371560                   | 37879708   | 36450300   | 9     |
| Aroclor-1248-2             | (2) | 39839483                    | 41732589   | 44072986                   | 47187728   | 39403540   | 8     |
| Aroclor-1248-3             | (3) | 43671743                    | 45535401   | 47272778                   | 48829472   | 45433820   | 4     |
| Aroclor-1248-4             | (4) | 52673121                    | 54800967   | 57547552                   | 61348180   | 63586480   | 8     |
| Aroclor-1248-5             | (5) | 49495855                    | 52225937   | 54279376                   | 57435820   | 54999800   | 6     |
| Decachlorobiphenyl         |     | 1018745530                  | 1065079280 | 1110066380                 | 1164168240 | 1044426200 | 5     |
| Tetrachloro-m-xylene       |     | 1464367110                  | 1509550200 | 1593080400                 | 1654989520 | 1637278400 | 5     |
| Aroclor-1254-1             | (1) | 52191144                    | 54776691   | 58408862                   | 62528540   | 58393680   | 7     |

### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1254-2       | (2) | 76163232   | 79292283   | 83746208   | 89006644   | 77052340   | 81052141   | 7 |
| Aroclor-1254-3       | (3) | 78867294   | 81324341   | 86343146   | 90140028   | 84184220   | 84171806   | 5 |
| Aroclor-1254-4       | (4) | 65665428   | 68036704   | 71633390   | 75767876   | 69582520   | 70137184   | 5 |
| Aroclor-1254-5       | (5) | 65604720   | 67856063   | 71049052   | 74607116   | 70169360   | 69857262   | 5 |
| Decachlorobiphenyl   |     | 1051774640 | 1084735960 | 1131757040 | 1190025520 | 1071423800 | 1105943392 | 5 |
| Tetrachloro-m-xylene |     | 1491401080 | 1547951320 | 1596952960 | 1679816880 | 1638007800 | 1590826008 | 5 |
| Aroclor-1268-1       | (1) | 188529701  | 191493623  | 201496426  | 211079324  | 198399040  | 198199623  | 4 |
| Aroclor-1268-2       | (2) | 162712211  | 165423828  | 173208520  | 180425992  | 166812140  | 169716538  | 4 |
| Aroclor-1268-3       | (3) | 139964894  | 142620983  | 149835492  | 155687892  | 143563980  | 146334648  | 4 |
| Aroclor-1268-4       | (4) | 62601215   | 63262983   | 66177076   | 67604984   | 59759620   | 63881176   | 5 |
| Aroclor-1268-5       | (5) | 401160937  | 407647449  | 423231624  | 443337256  | 421401480  | 419355749  | 4 |
| Decachlorobiphenyl   |     | 1797305300 | 1841882720 | 1928545440 | 2018232880 | 1865263000 | 1890245868 | 5 |
| Tetrachloro-m-xylene |     | 1559644910 | 1556664040 | 1644040220 | 1708675120 | 1710882200 | 1635981298 | 5 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** WEST04  
**Lab Code:** CHEM **Case No.:** Q1569 **SAS No.:** Q1569 **SDG NO.:** Q1569  
**Instrument ID:** ECD\_P  
**Calibration Date(s):** 03/11/2025 03/11/2025  
**Calibration Times:** 15:13 23:38

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

| LAB FILE ID:               |     | CF 1000 = <u>PP070419.D</u> |            | CF 750 = <u>PP070420.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP070421.D</u> |     | CF 250 = <u>PP070422.D</u>  |            | CF 050 = <u>PP070423.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 31619052                    | 35012463   | 36116294                   | 39457560   | 37557300   | 35952534   |
| Aroclor-1016-2             | (2) | 44662617                    | 48866077   | 51001758                   | 55603496   | 59699380   | 51966666   |
| Aroclor-1016-3             | (3) | 24906943                    | 27191785   | 28703256                   | 30683884   | 30781120   | 28453398   |
| Aroclor-1016-4             | (4) | 19770953                    | 21670935   | 22902960                   | 24389748   | 23214920   | 22389903   |
| Aroclor-1016-5             | (5) | 25646269                    | 27397575   | 29268330                   | 32409960   | 33872260   | 29718879   |
| Aroclor-1260-1             | (1) | 45267436                    | 47641613   | 50061678                   | 53643092   | 52308080   | 49784380   |
| Aroclor-1260-2             | (2) | 60652513                    | 64073769   | 66616364                   | 70066968   | 69027800   | 66087483   |
| Aroclor-1260-3             | (3) | 52248928                    | 55432315   | 57823148                   | 61011000   | 59471320   | 57197342   |
| Aroclor-1260-4             | (4) | 47067710                    | 49841909   | 53961982                   | 55559372   | 49386640   | 51163523   |
| Aroclor-1260-5             | (5) | 123950775                   | 130046140  | 135804906                  | 136761852  | 117362580  | 128785251  |
| Decachlorobiphenyl         |     | 935400030                   | 944501173  | 996009380                  | 1027099200 | 988797000  | 978361357  |
| Tetrachloro-m-xylene       |     | 901898260                   | 976425347  | 1019517980                 | 1052535320 | 1061027800 | 1002280941 |
| Aroclor-1232-1             | (1) | 23977464                    | 25043855   | 25876362                   | 28218616   | 28432280   | 26309715   |
| Aroclor-1232-2             | (2) | 23409194                    | 24148587   | 25178540                   | 27689696   | 28634420   | 25812087   |
| Aroclor-1232-3             | (3) | 12864968                    | 13117912   | 13753150                   | 14320588   | 15988100   | 14008944   |
| Aroclor-1232-4             | (4) | 10909254                    | 11094221   | 11677434                   | 12331552   | 12548800   | 11712252   |
| Aroclor-1232-5             | (5) | 12122932                    | 12663212   | 13051746                   | 13538632   | 13963480   | 13068000   |
| Decachlorobiphenyl         |     | 923591970                   | 934486067  | 965069440                  | 1131453800 | 1083832600 | 1007686775 |
| Tetrachloro-m-xylene       |     | 981294310                   | 1023698747 | 1027014040                 | 1102661240 | 1188146200 | 1064562907 |
| Aroclor-1242-1             | (1) | 28374294                    | 28991207   | 30174104                   | 32528448   | 32989020   | 30611415   |
| Aroclor-1242-2             | (2) | 40120133                    | 40663773   | 41940388                   | 45612680   | 49650880   | 43597571   |
| Aroclor-1242-3             | (3) | 22172127                    | 22503904   | 23797688                   | 25561184   | 25126720   | 23832325   |
| Aroclor-1242-4             | (4) | 20777408                    | 21261321   | 22368954                   | 23941300   | 21863540   | 22042505   |
| Aroclor-1242-5             | (5) | 26011255                    | 26949576   | 28142034                   | 29660872   | 28841860   | 27921119   |
| Decachlorobiphenyl         |     | 890780220                   | 996610280  | 1018649180                 | 1070124720 | 1151487200 | 1025530320 |
| Tetrachloro-m-xylene       |     | 949681240                   | 969479187  | 1000171980                 | 1041407720 | 1043402000 | 1000828425 |
| Aroclor-1248-1             | (1) | 21916865                    | 22139940   | 24138102                   | 25281632   | 23901120   | 23475532   |
| Aroclor-1248-2             | (2) | 28154371                    | 29147072   | 31604814                   | 33306732   | 34304240   | 31303446   |
| Aroclor-1248-3             | (3) | 29522180                    | 30421332   | 32954472                   | 34362676   | 31347200   | 31721572   |
| Aroclor-1248-4             | (4) | 34974296                    | 35760019   | 38441344                   | 40862964   | 44827240   | 38973173   |
| Aroclor-1248-5             | (5) | 34216861                    | 35543065   | 38522800                   | 40509348   | 41641320   | 38086679   |
| Decachlorobiphenyl         |     | 933290630                   | 982033680  | 1000188180                 | 1068098600 | 1015594400 | 999841098  |
| Tetrachloro-m-xylene       |     | 948607640                   | 978544213  | 1031768560                 | 1070844800 | 1068084800 | 1019570003 |
| Aroclor-1254-1             | (1) | 49741488                    | 53083060   | 56518628                   | 60344088   | 61926700   | 56322793   |

### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1254-2       | (2) | 43195538   | 45981229   | 48525194   | 52438220   | 54392240   | 48906484   | 9 |
| Aroclor-1254-3       | (3) | 69004581   | 72181184   | 75732026   | 81417896   | 78754240   | 75417985   | 7 |
| Aroclor-1254-4       | (4) | 48529875   | 50966111   | 53417608   | 57048936   | 53797000   | 52751906   | 6 |
| Aroclor-1254-5       | (5) | 63254548   | 65263447   | 68912458   | 73214624   | 74627960   | 69054607   | 7 |
| Decachlorobiphenyl   |     | 966187920  | 982212947  | 1086993960 | 1153126680 | 1151501200 | 1068004541 | 8 |
| Tetrachloro-m-xylene |     | 967205180  | 984098413  | 1019987640 | 1086171680 | 989309800  | 1009354543 | 5 |
| Aroclor-1268-1       | (1) | 168373725  | 166057156  | 179047242  | 187011272  | 174871700  | 175072219  | 5 |
| Aroclor-1268-2       | (2) | 142006892  | 140092196  | 149842434  | 153490708  | 144862740  | 146058994  | 4 |
| Aroclor-1268-3       | (3) | 125351560  | 120465205  | 129564250  | 133099628  | 133160800  | 128328289  | 4 |
| Aroclor-1268-4       | (4) | 54287293   | 53233979   | 56809814   | 58479952   | 52090820   | 54980372   | 5 |
| Aroclor-1268-5       | (5) | 364151928  | 362236821  | 378313444  | 380892964  | 354578080  | 368034647  | 3 |
| Decachlorobiphenyl   |     | 1632116030 | 1658280453 | 1742317540 | 1836812000 | 1806314000 | 1735168005 | 5 |
| Tetrachloro-m-xylene |     | 1019432100 | 1034489600 | 1102868440 | 1184868600 | 1114308600 | 1091193468 | 6 |



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

# INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

Instrument ID: ECD\_P Date(s) Analyzed: 03/11/2025 03/11/2025

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

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 4.73 | 4.63      | 4.83 | 19940100              |
|              |                | 2    | 4.81 | 4.71      | 4.91 | 14608700              |
|              |                | 3    | 4.89 | 4.79      | 4.99 | 44364600              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1262 | 500            | 1    | 8.11 | 8.01      | 8.21 | 81718600              |
|              |                | 2    | 8.43 | 8.33      | 8.53 | 164714000             |
|              |                | 3    | 8.75 | 8.65      | 8.85 | 112164000             |
|              |                | 4    | 8.83 | 8.73      | 8.93 | 83803800              |
|              |                | 5    | 9.49 | 9.39      | 9.59 | 58896200              |



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

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

Instrument ID: ECD\_P Date(s) Analyzed: 03/11/2025 03/11/2025

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

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 4.04 | 3.94      | 4.14 | 14882500              |
|              |                | 2    | 4.13 | 4.03      | 4.23 | 11429100              |
|              |                | 3    | 4.20 | 4.10      | 4.30 | 33421800              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1262 | 500            | 1    | 6.96 | 6.86      | 7.06 | 83664000              |
|              |                | 2    | 7.22 | 7.12      | 7.32 | 68729800              |
|              |                | 3    | 7.74 | 7.64      | 7.84 | 65986200              |
|              |                | 4    | 7.81 | 7.71      | 7.91 | 104435000             |
|              |                | 5    | 8.31 | 8.21      | 8.41 | 51550000              |



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070419.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 15:13  
 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: Mar 11 15:59:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 15:56:33 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.526  | 3.829 | 146.3E6  | 90189826 | 96.299  | 93.878  |
| 2) SA Decachlor...          | 10.254 | 8.881 | 100.5E6  | 93540003 | 96.223  | 96.862  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.679  | 4.917 | 46284919 | 31619052 | 949.625 | 933.606 |
| 4) L1 AR-1016-2             | 5.700  | 4.935 | 68727144 | 44662617 | 955.739 | 933.736 |
| 5) L1 AR-1016-3             | 5.763  | 5.112 | 41881157 | 24906943 | 949.392 | 929.187 |
| 6) L1 AR-1016-4             | 5.860  | 5.154 | 34693414 | 19770953 | 934.220 | 926.606 |
| 7) L1 AR-1016-5             | 6.153  | 5.369 | 32535779 | 25646269 | 956.384 | 934.042 |
| 31) L7 AR-1260-1            | 7.273  | 6.406 | 55067637 | 45267436 | 951.674 | 949.709 |
| 32) L7 AR-1260-2            | 7.526  | 6.594 | 75483004 | 60652513 | 952.665 | 953.140 |
| 33) L7 AR-1260-3            | 7.886  | 6.748 | 62678610 | 52248928 | 959.203 | 949.358 |
| 34) L7 AR-1260-4            | 8.110  | 7.221 | 60990738 | 47067710 | 959.399 | 931.760 |
| 35) L7 AR-1260-5            | 8.431  | 7.462 | 130.6E6  | 124.0E6  | 963.609 | 954.364 |
| -----                       |        |       |          |          |         |         |

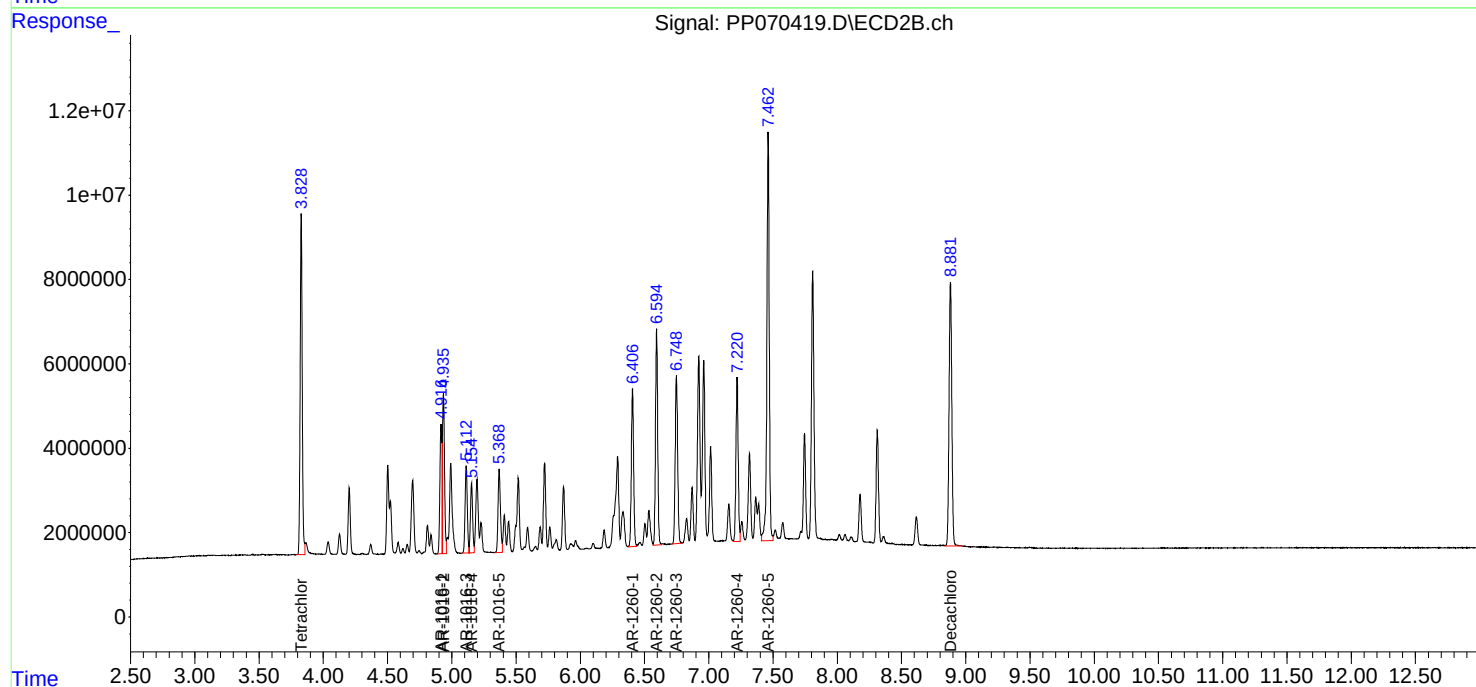
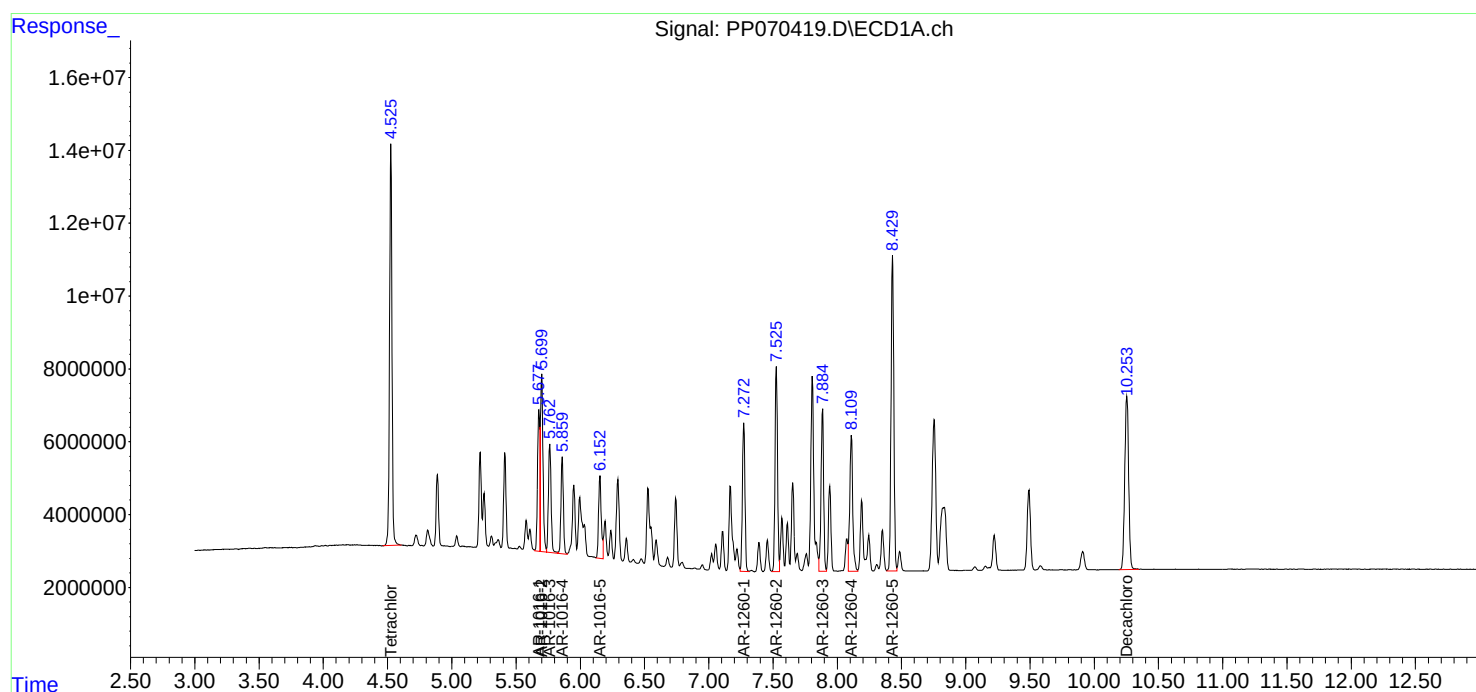
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

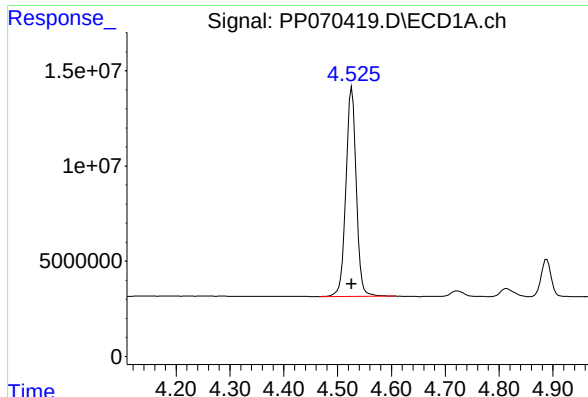
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070419.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 15:13  
Operator : YP\AJ  
Sample : AR1660ICC1000  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 15:59:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 15:56:33 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

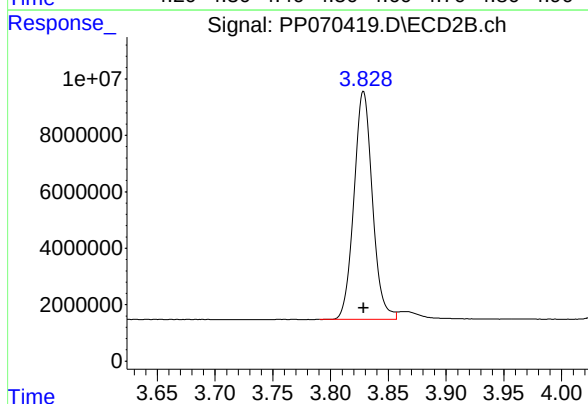




## #1 Tetrachloro-m-xylene

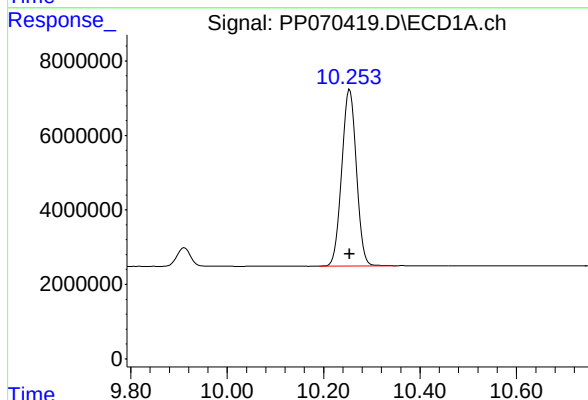
R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 146296801  
Conc: 96.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000



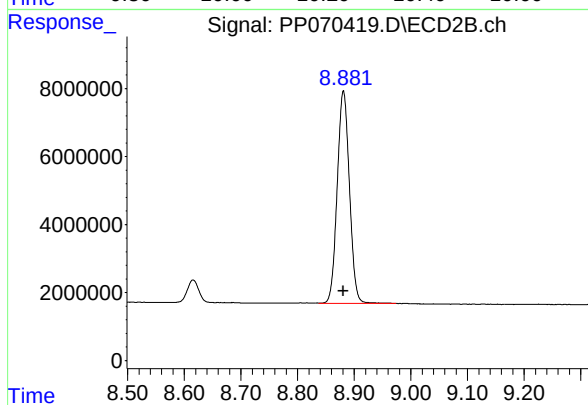
## #1 Tetrachloro-m-xylene

R.T.: 3.829 min  
Delta R.T.: 0.000 min  
Response: 90189826  
Conc: 93.88 ng/ml



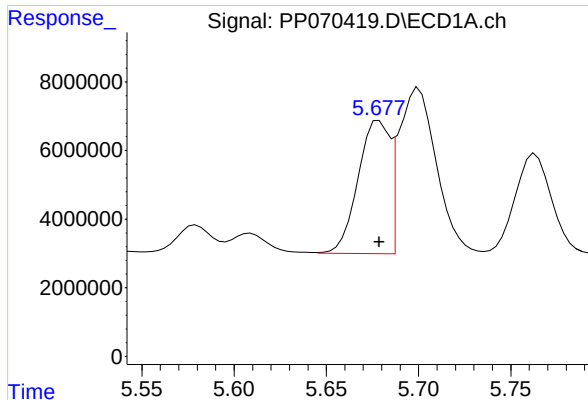
## #2 Decachlorobiphenyl

R.T.: 10.254 min  
Delta R.T.: 0.000 min  
Response: 100544669  
Conc: 96.22 ng/ml



## #2 Decachlorobiphenyl

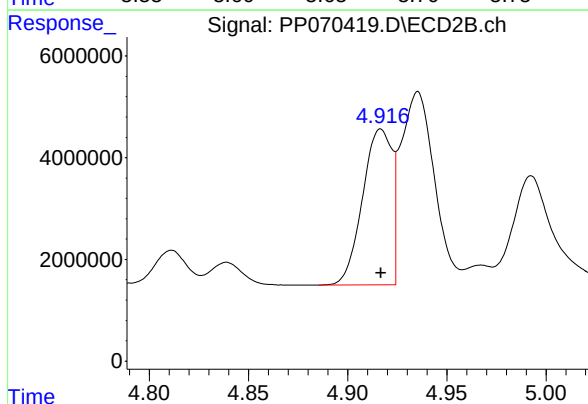
R.T.: 8.881 min  
Delta R.T.: 0.000 min  
Response: 93540003  
Conc: 96.86 ng/ml



#3 AR-1016-1

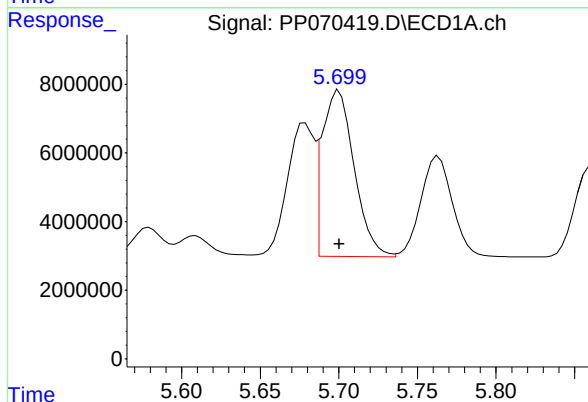
R.T.: 5.679 min  
Delta R.T.: 0.000 min  
Response: 46284919  
Conc: 949.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000



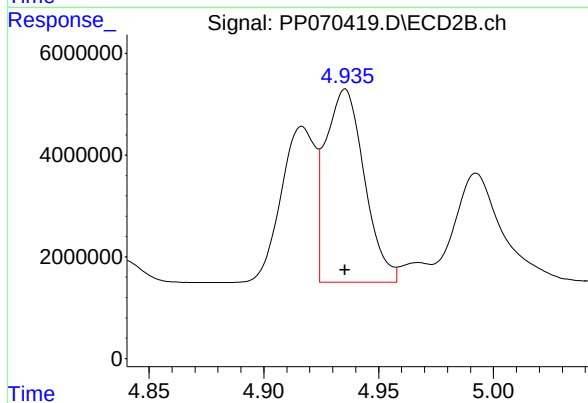
#3 AR-1016-1

R.T.: 4.917 min  
Delta R.T.: 0.000 min  
Response: 31619052  
Conc: 933.61 ng/ml



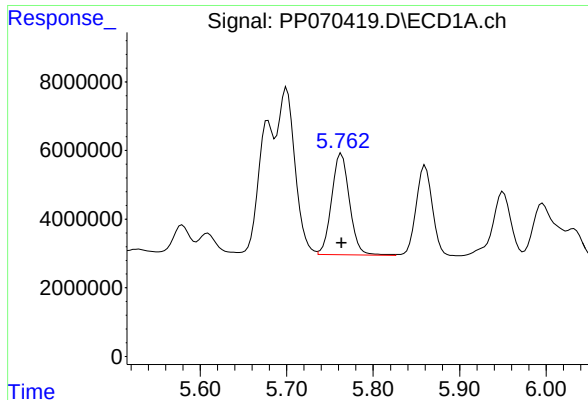
#4 AR-1016-2

R.T.: 5.700 min  
Delta R.T.: 0.000 min  
Response: 68727144  
Conc: 955.74 ng/ml



#4 AR-1016-2

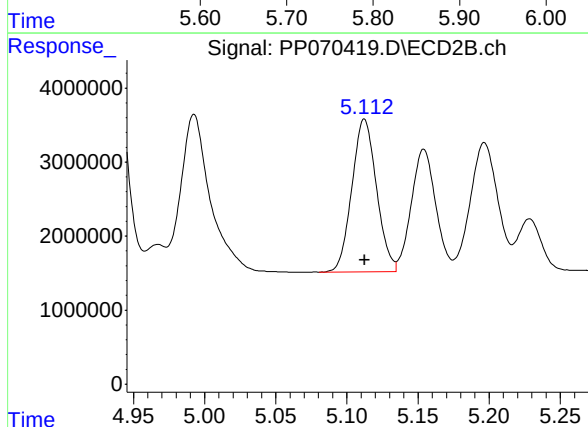
R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 44662617  
Conc: 933.74 ng/ml



#5 AR-1016-3

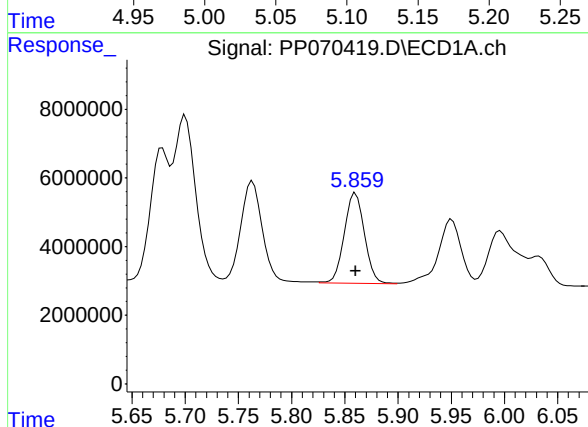
R.T.: 5.763 min  
Delta R.T.: 0.000 min  
Response: 41881157  
Conc: 949.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000



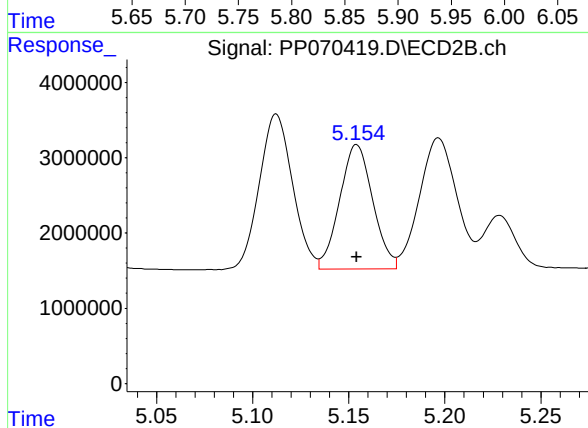
#5 AR-1016-3

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 24906943  
Conc: 929.19 ng/ml



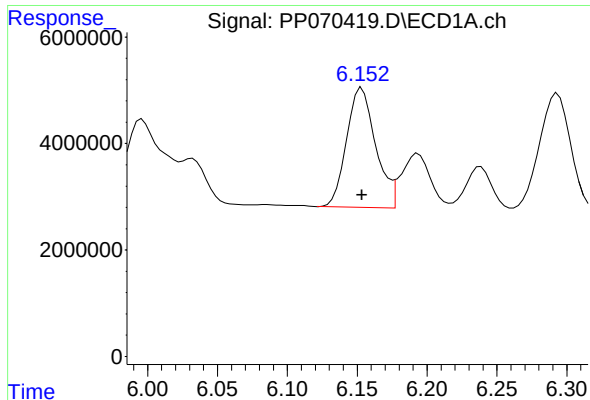
#6 AR-1016-4

R.T.: 5.860 min  
Delta R.T.: 0.000 min  
Response: 34693414  
Conc: 934.22 ng/ml



#6 AR-1016-4

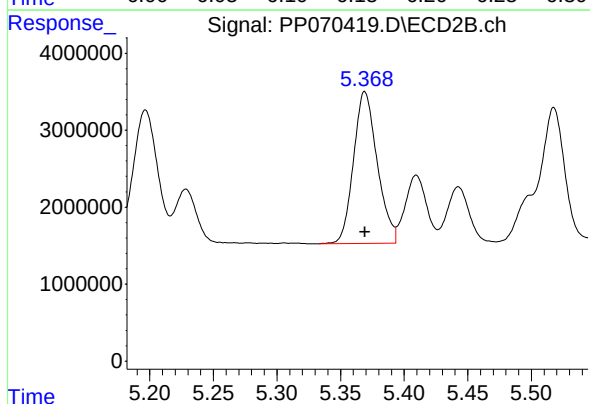
R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 19770953  
Conc: 926.61 ng/ml



#7 AR-1016-5

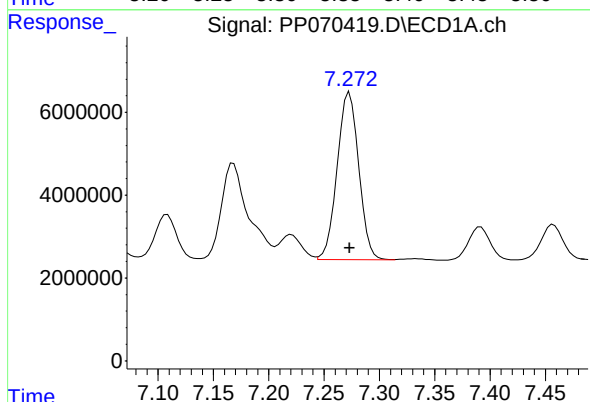
R.T.: 6.153 min  
Delta R.T.: 0.000 min  
Response: 32535779  
Conc: 956.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000



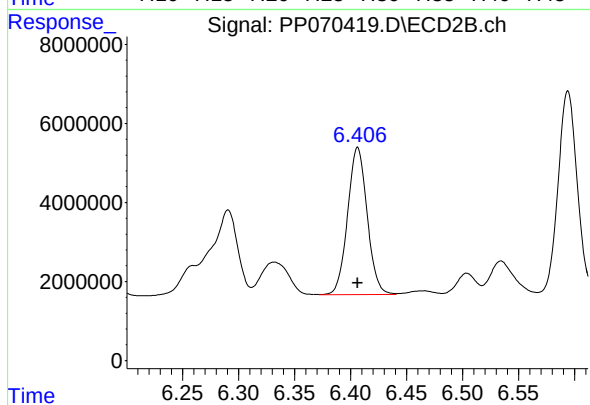
#7 AR-1016-5

R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 25646269  
Conc: 934.04 ng/ml



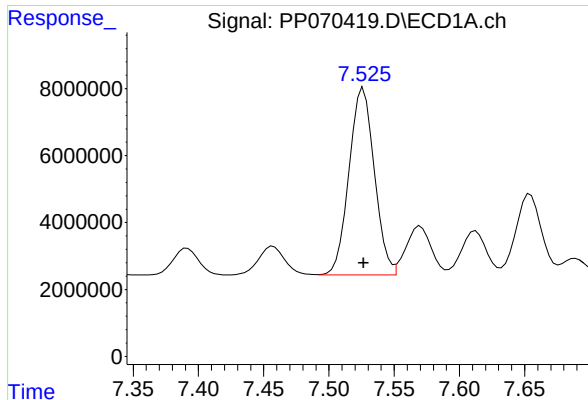
#31 AR-1260-1

R.T.: 7.273 min  
Delta R.T.: 0.000 min  
Response: 55067637  
Conc: 951.67 ng/ml



#31 AR-1260-1

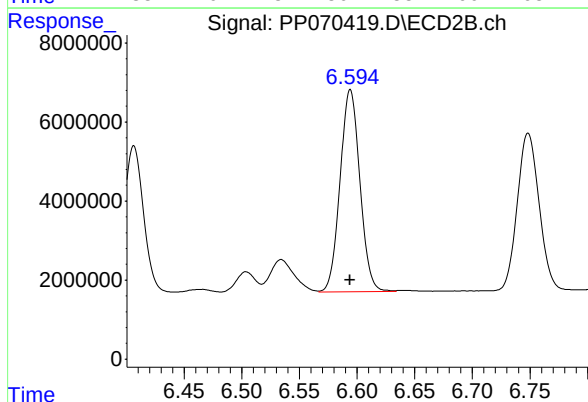
R.T.: 6.406 min  
Delta R.T.: 0.000 min  
Response: 45267436  
Conc: 949.71 ng/ml



#32 AR-1260-2

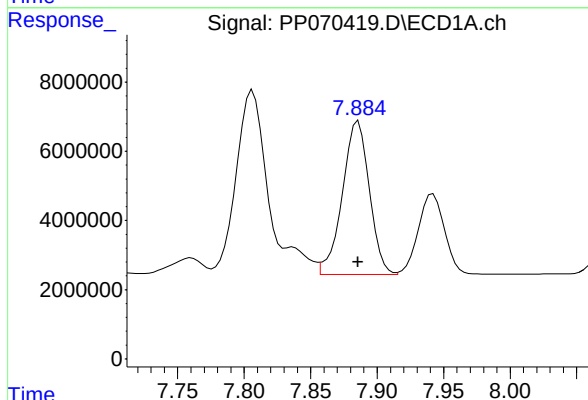
R.T.: 7.526 min  
Delta R.T.: 0.000 min  
Response: 75483004  
Conc: 952.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000



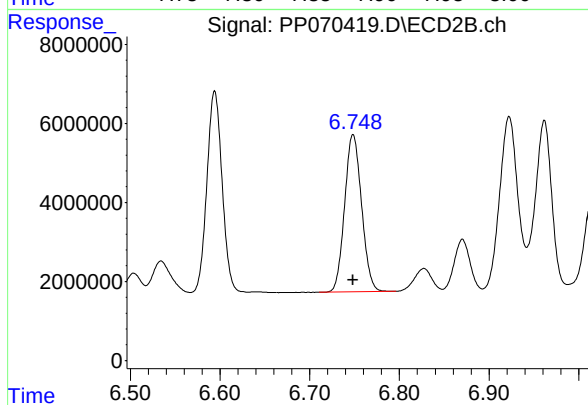
#32 AR-1260-2

R.T.: 6.594 min  
Delta R.T.: 0.000 min  
Response: 60652513  
Conc: 953.14 ng/ml



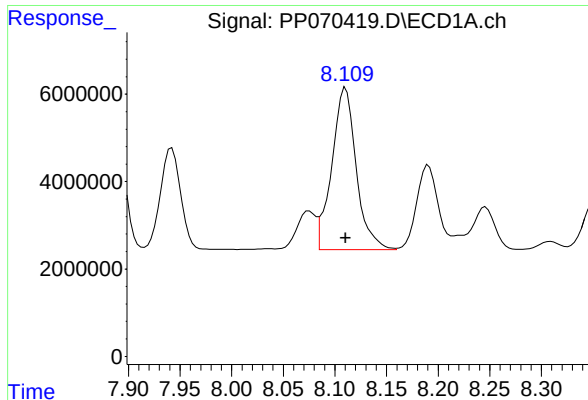
#33 AR-1260-3

R.T.: 7.886 min  
Delta R.T.: 0.000 min  
Response: 62678610  
Conc: 959.20 ng/ml



#33 AR-1260-3

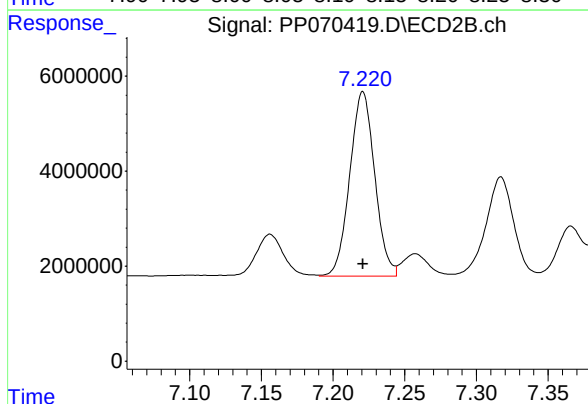
R.T.: 6.748 min  
Delta R.T.: 0.000 min  
Response: 52248928  
Conc: 949.36 ng/ml



#34 AR-1260-4

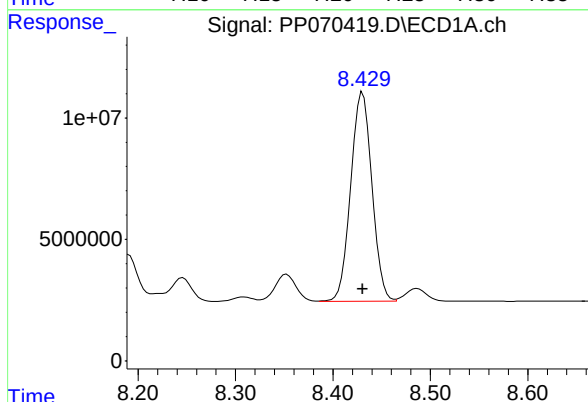
R.T.: 8.110 min  
Delta R.T.: 0.000 min  
Response: 60990738  
Conc: 959.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000



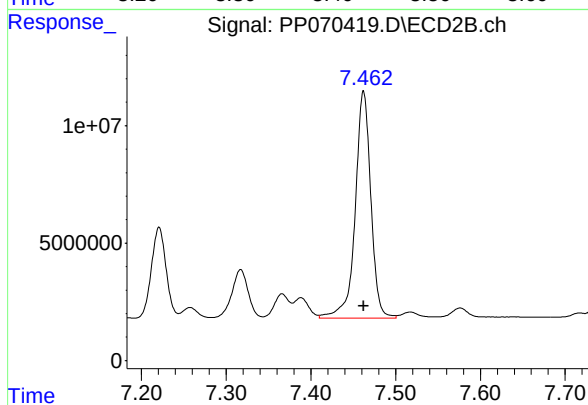
#34 AR-1260-4

R.T.: 7.221 min  
Delta R.T.: 0.000 min  
Response: 47067710  
Conc: 931.76 ng/ml



#35 AR-1260-5

R.T.: 8.431 min  
Delta R.T.: 0.000 min  
Response: 130557968  
Conc: 963.61 ng/ml



#35 AR-1260-5

R.T.: 7.462 min  
Delta R.T.: 0.000 min  
Response: 123950775  
Conc: 954.36 ng/ml



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070420.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 15:29  
 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: Mar 11 16:02:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 15:56:33 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.524  | 3.829 | 114.7E6  | 73231901 | 75.332  | 75.814  |
| 2) SA Decachlor...          | 10.251 | 8.881 | 78316441 | 70837588 | 74.967  | 73.894  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.677  | 4.916 | 36468416 | 26259347 | 748.813 | 766.713 |
| 4) L1 AR-1016-2             | 5.699  | 4.935 | 54195611 | 36649558 | 752.436 | 760.730 |
| 5) L1 AR-1016-3             | 5.761  | 5.112 | 32877053 | 20393839 | 746.847 | 757.178 |
| 6) L1 AR-1016-4             | 5.858  | 5.154 | 27837898 | 16253201 | 749.744 | 757.786 |
| 7) L1 AR-1016-5             | 6.151  | 5.369 | 25290442 | 20548181 | 745.593 | 748.912 |
| 31) L7 AR-1260-1            | 7.270  | 6.405 | 43699051 | 35731210 | 753.461 | 749.759 |
| 32) L7 AR-1260-2            | 7.524  | 6.594 | 59458057 | 48055327 | 750.277 | 753.444 |
| 33) L7 AR-1260-3            | 7.882  | 6.748 | 48742271 | 41574236 | 747.281 | 753.592 |
| 34) L7 AR-1260-4            | 8.108  | 7.221 | 48512746 | 37381432 | 758.694 | 743.310 |
| 35) L7 AR-1260-5            | 8.428  | 7.461 | 101.3E6  | 97534605 | 748.577 | 750.648 |
| -----                       |        |       |          |          |         |         |

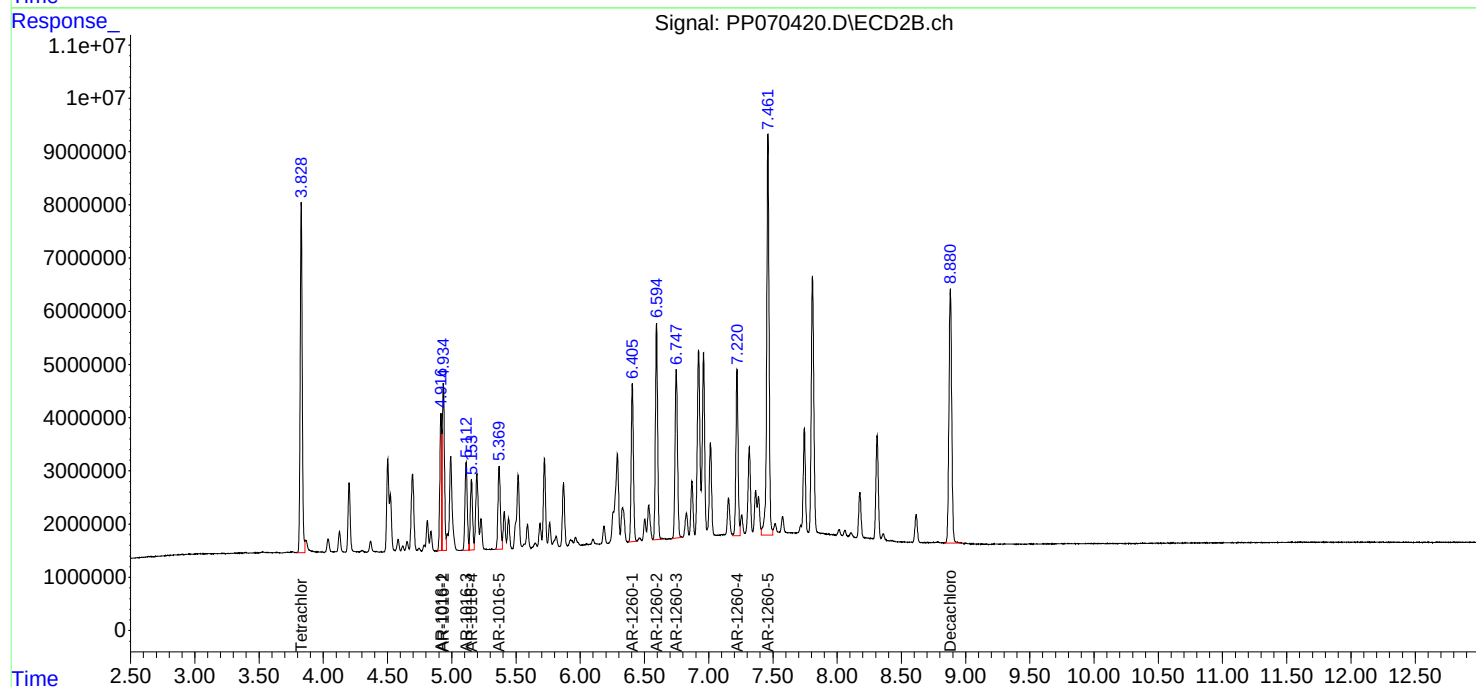
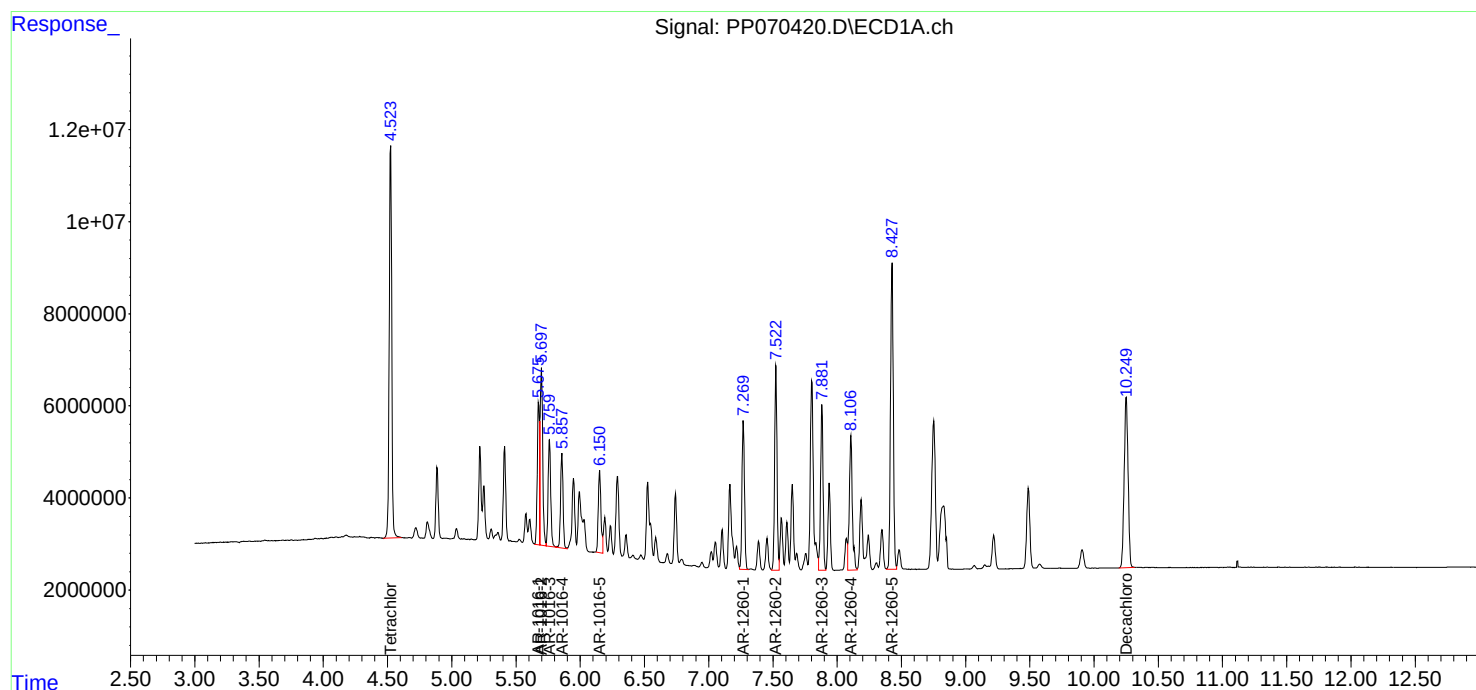
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

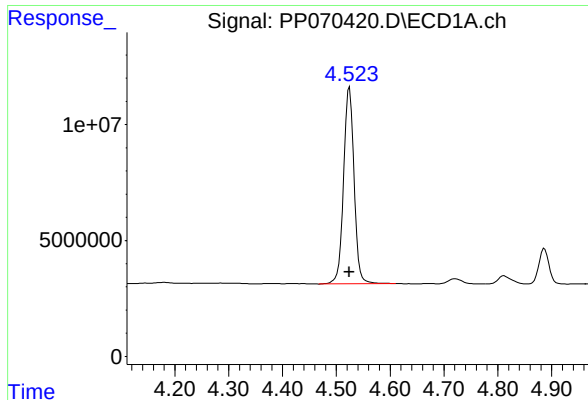
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070420.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 15:29  
Operator : YP\AJ  
Sample : AR1660ICC750  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 16:02:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 15:56:33 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

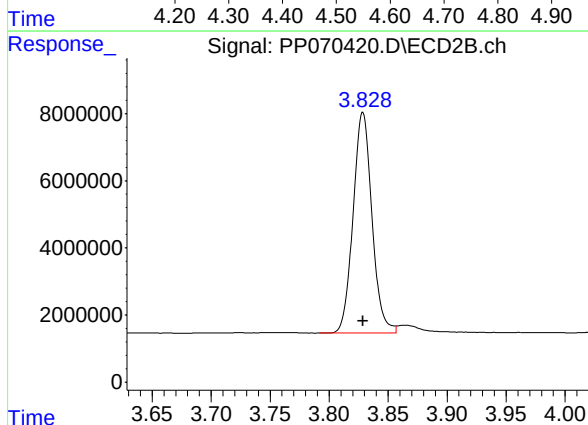




## #1 Tetrachloro-m-xylene

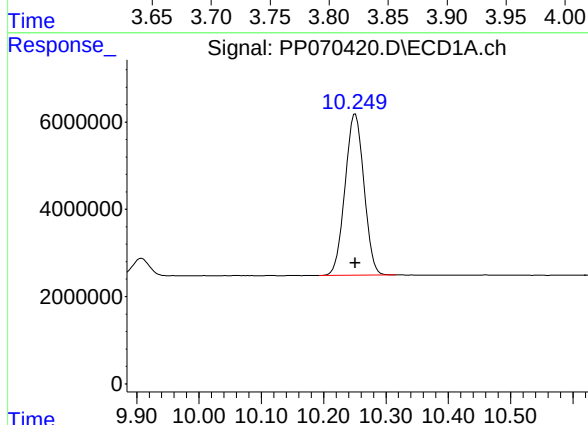
R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 114697503  
Conc: 75.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750



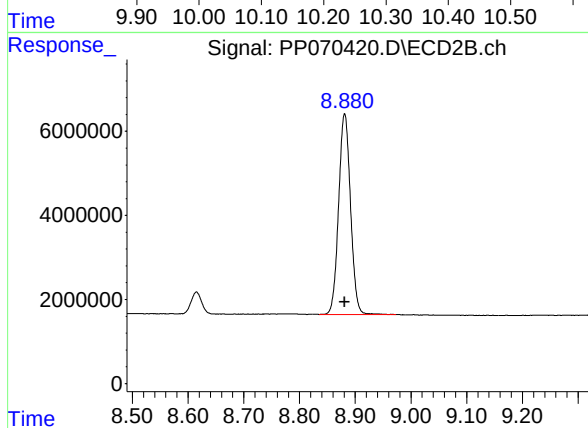
## #1 Tetrachloro-m-xylene

R.T.: 3.829 min  
Delta R.T.: 0.000 min  
Response: 73231901  
Conc: 75.81 ng/ml



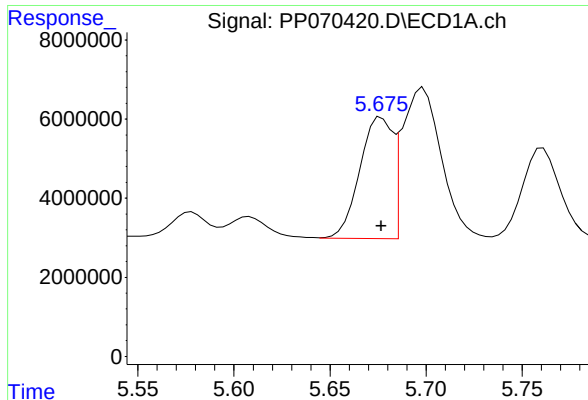
## #2 Decachlorobiphenyl

R.T.: 10.251 min  
Delta R.T.: 0.000 min  
Response: 78316441  
Conc: 74.97 ng/ml



## #2 Decachlorobiphenyl

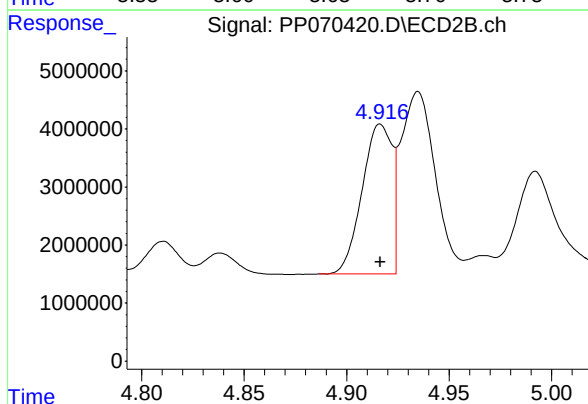
R.T.: 8.881 min  
Delta R.T.: 0.000 min  
Response: 70837588  
Conc: 73.89 ng/ml



#3 AR-1016-1

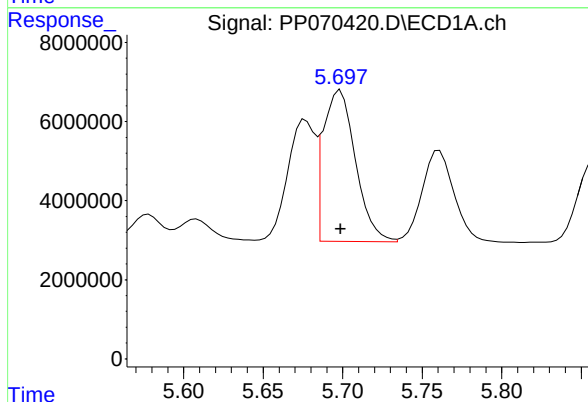
R.T.: 5.677 min  
Delta R.T.: 0.000 min  
Response: 36468416  
Conc: 748.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750



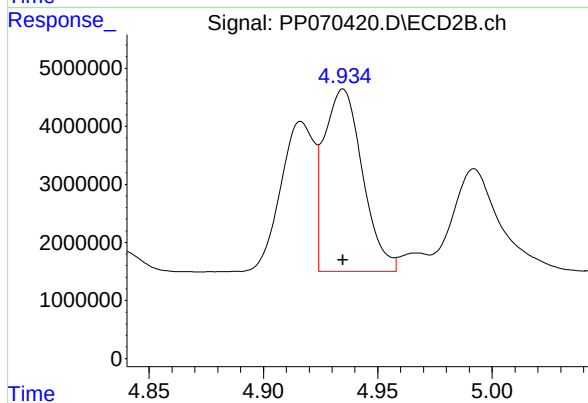
#3 AR-1016-1

R.T.: 4.916 min  
Delta R.T.: 0.000 min  
Response: 26259347  
Conc: 766.71 ng/ml



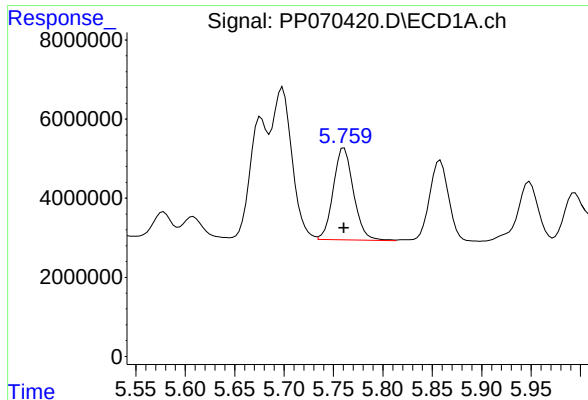
#4 AR-1016-2

R.T.: 5.699 min  
Delta R.T.: 0.000 min  
Response: 54195611  
Conc: 752.44 ng/ml



#4 AR-1016-2

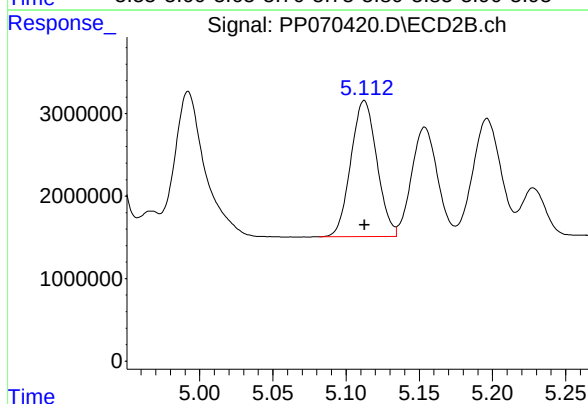
R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 36649558  
Conc: 760.73 ng/ml



#5 AR-1016-3

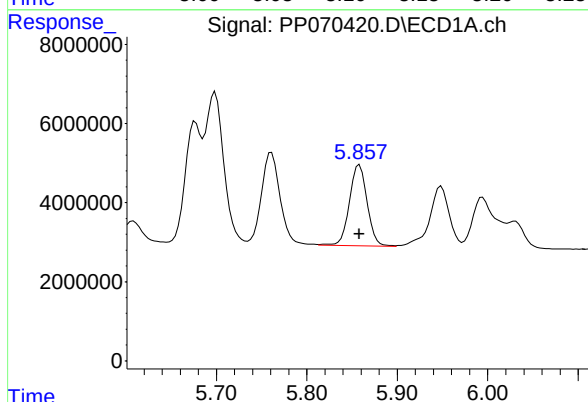
R.T.: 5.761 min  
Delta R.T.: 0.000 min  
Response: 32877053  
Conc: 746.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750



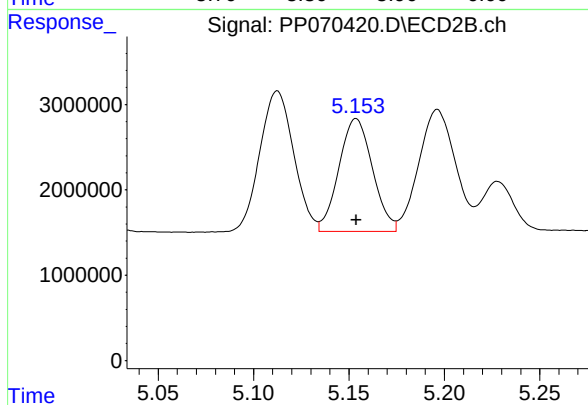
#5 AR-1016-3

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 20393839  
Conc: 757.18 ng/ml



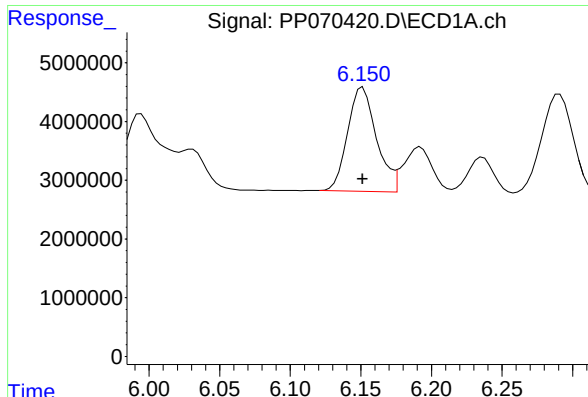
#6 AR-1016-4

R.T.: 5.858 min  
Delta R.T.: 0.000 min  
Response: 27837898  
Conc: 749.74 ng/ml



#6 AR-1016-4

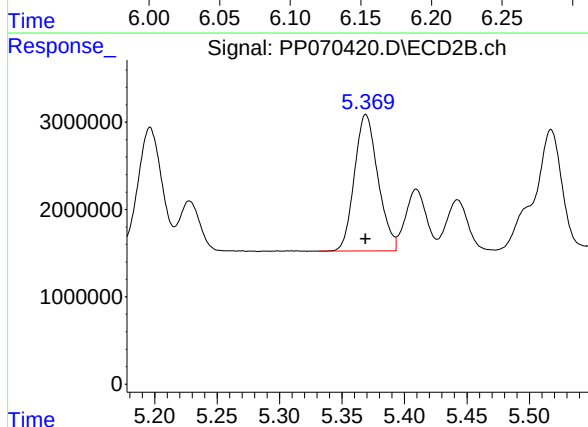
R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 16253201  
Conc: 757.79 ng/ml



#7 AR-1016-5

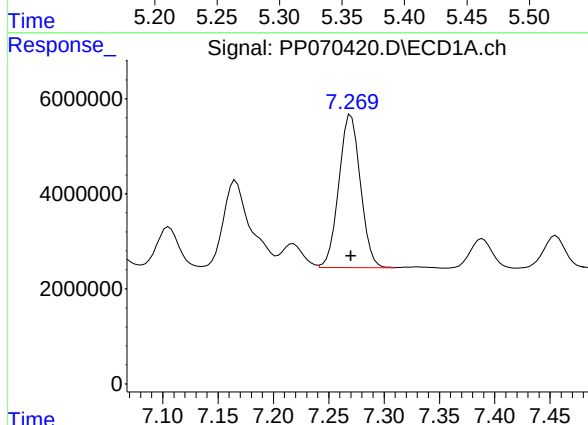
R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 25290442  
Conc: 745.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750



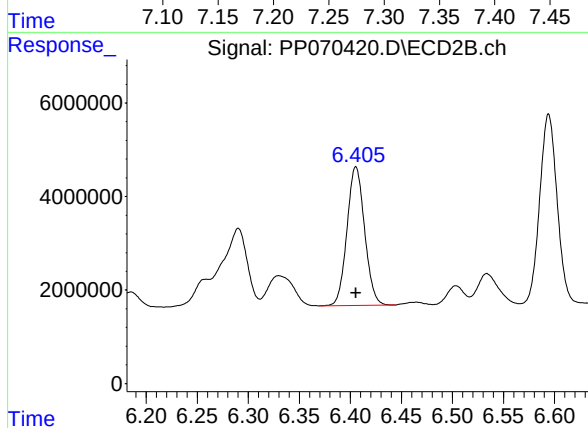
#7 AR-1016-5

R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 20548181  
Conc: 748.91 ng/ml



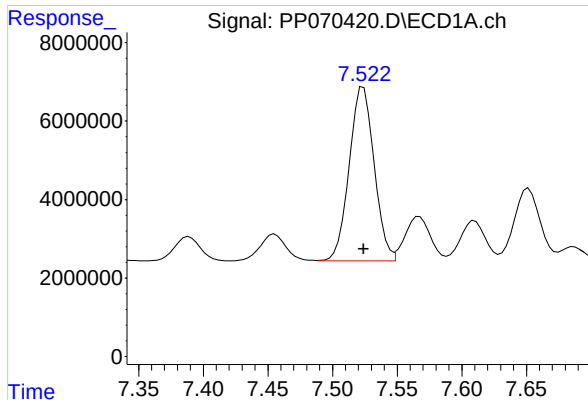
#31 AR-1260-1

R.T.: 7.270 min  
Delta R.T.: 0.000 min  
Response: 43699051  
Conc: 753.46 ng/ml



#31 AR-1260-1

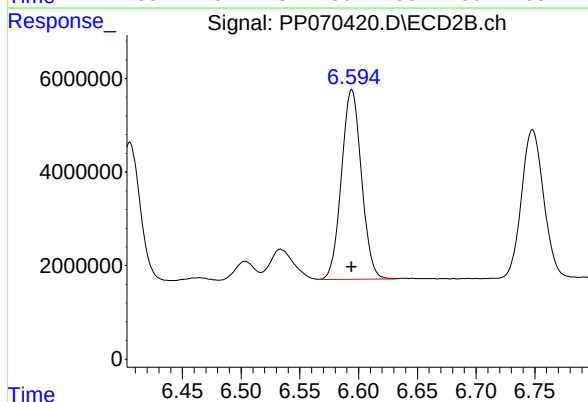
R.T.: 6.405 min  
Delta R.T.: 0.000 min  
Response: 35731210  
Conc: 749.76 ng/ml



#32 AR-1260-2

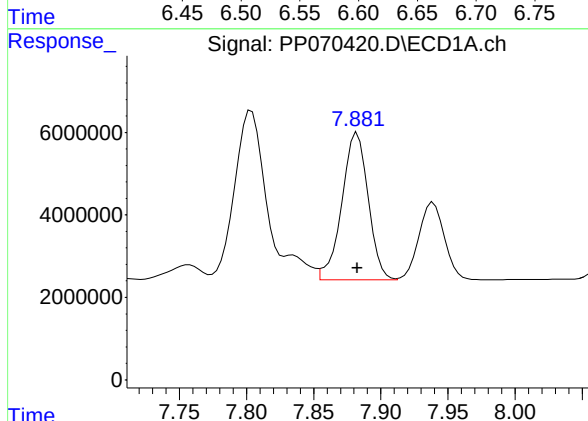
R.T.: 7.524 min  
Delta R.T.: 0.000 min  
Response: 59458057  
Conc: 750.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750



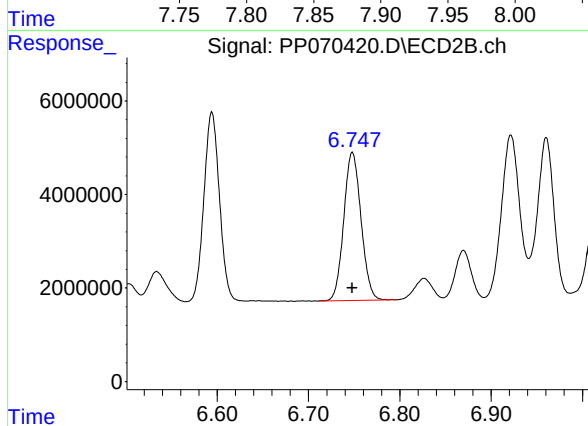
#32 AR-1260-2

R.T.: 6.594 min  
Delta R.T.: 0.000 min  
Response: 48055327  
Conc: 753.44 ng/ml



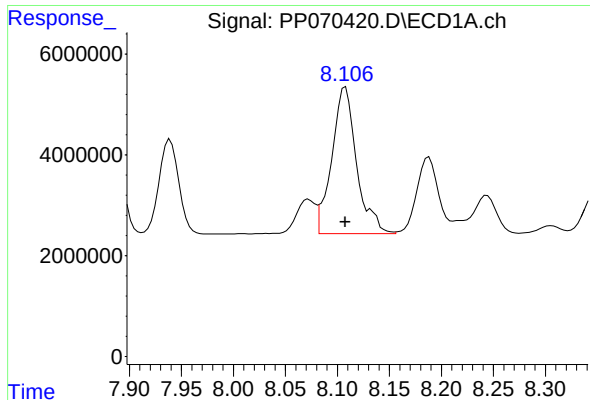
#33 AR-1260-3

R.T.: 7.882 min  
Delta R.T.: 0.000 min  
Response: 48742271  
Conc: 747.28 ng/ml



#33 AR-1260-3

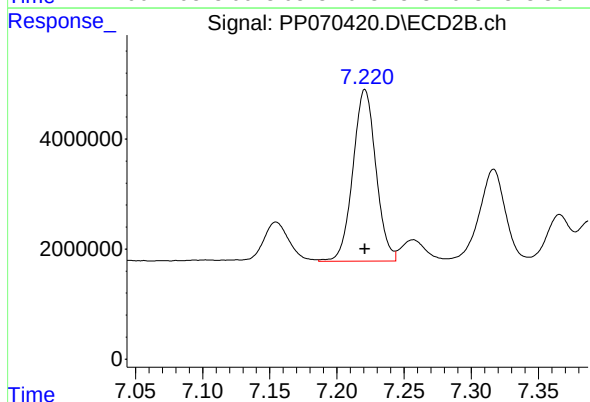
R.T.: 6.748 min  
Delta R.T.: 0.000 min  
Response: 41574236  
Conc: 753.59 ng/ml



#34 AR-1260-4

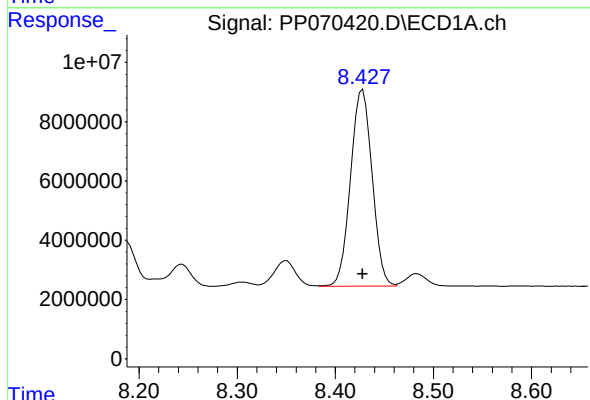
R.T.: 8.108 min  
Delta R.T.: 0.000 min  
Response: 48512746  
Conc: 758.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750



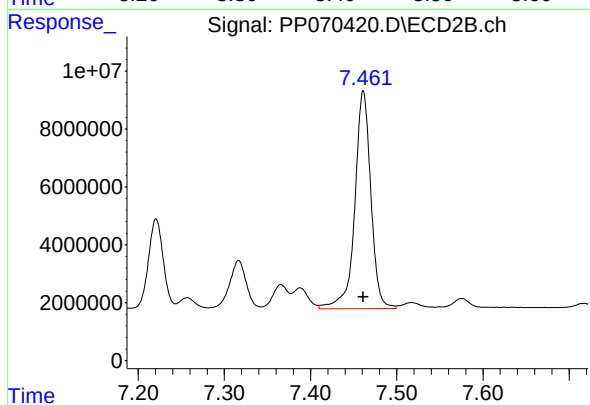
#34 AR-1260-4

R.T.: 7.221 min  
Delta R.T.: 0.000 min  
Response: 37381432  
Conc: 743.31 ng/ml



#35 AR-1260-5

R.T.: 8.428 min  
Delta R.T.: 0.000 min  
Response: 101327582  
Conc: 748.58 ng/ml



#35 AR-1260-5

R.T.: 7.461 min  
Delta R.T.: 0.000 min  
Response: 97534605  
Conc: 750.65 ng/ml



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070421.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 15:46  
 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: Mar 11 15:56:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 15:56:33 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.524  | 3.829 | 78771396 | 50975899 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.252 | 8.881 | 54219318 | 49800469 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.677  | 4.917 | 25597740 | 18058147 | 500.000 | 500.000 |
| 4) L1 AR-1016-2             | 5.699  | 4.936 | 37546344 | 25500879 | 500.000 | 500.000 |
| 5) L1 AR-1016-3             | 5.761  | 5.113 | 23173097 | 14351628 | 500.000 | 500.000 |
| 6) L1 AR-1016-4             | 5.858  | 5.154 | 19789523 | 11451480 | 500.000 | 500.000 |
| 7) L1 AR-1016-5             | 6.151  | 5.370 | 17751672 | 14634165 | 500.000 | 500.000 |
| 31) L7 AR-1260-1            | 7.271  | 6.407 | 30330174 | 25030839 | 500.000 | 500.000 |
| 32) L7 AR-1260-2            | 7.525  | 6.595 | 41491985 | 33308182 | 500.000 | 500.000 |
| 33) L7 AR-1260-3            | 7.883  | 6.749 | 34005135 | 28911574 | 500.000 | 500.000 |
| 34) L7 AR-1260-4            | 8.108  | 7.221 | 33076474 | 26980991 | 500.000 | 500.000 |
| 35) L7 AR-1260-5            | 8.428  | 7.462 | 70209616 | 67902453 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

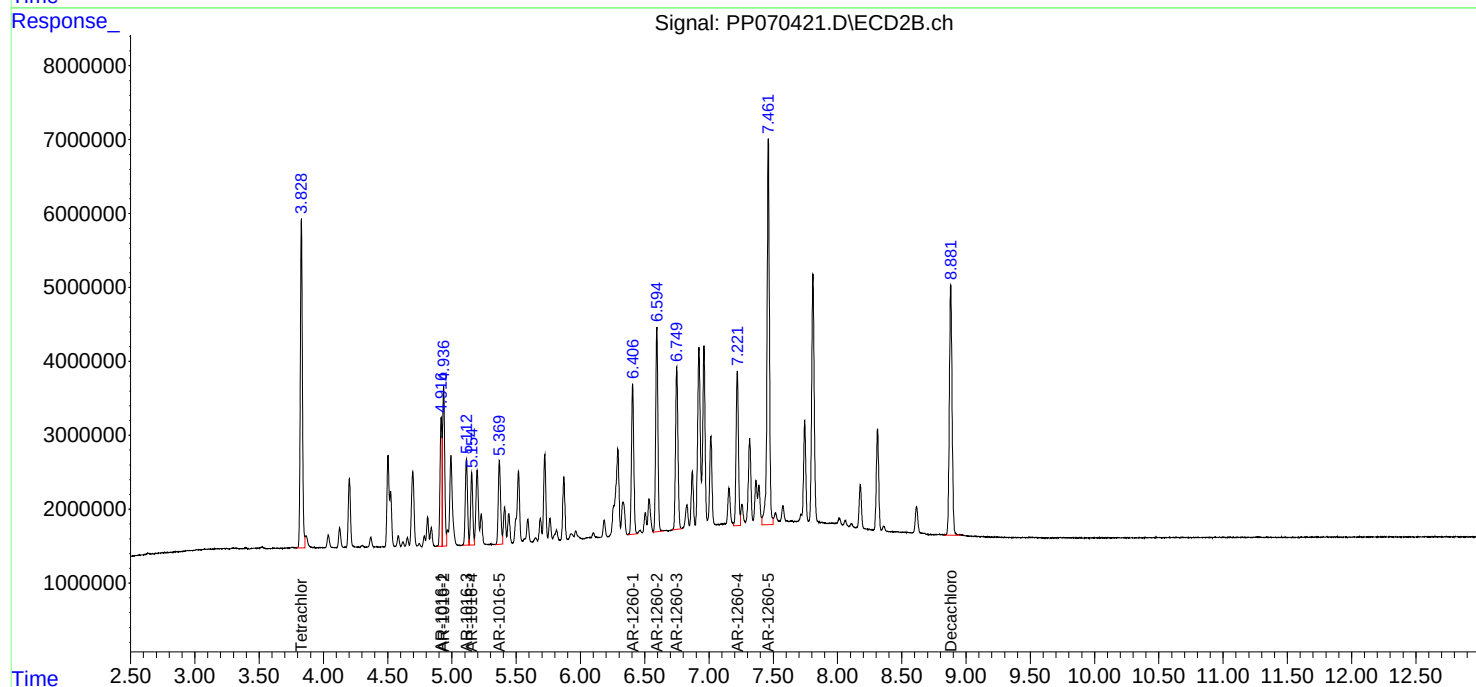
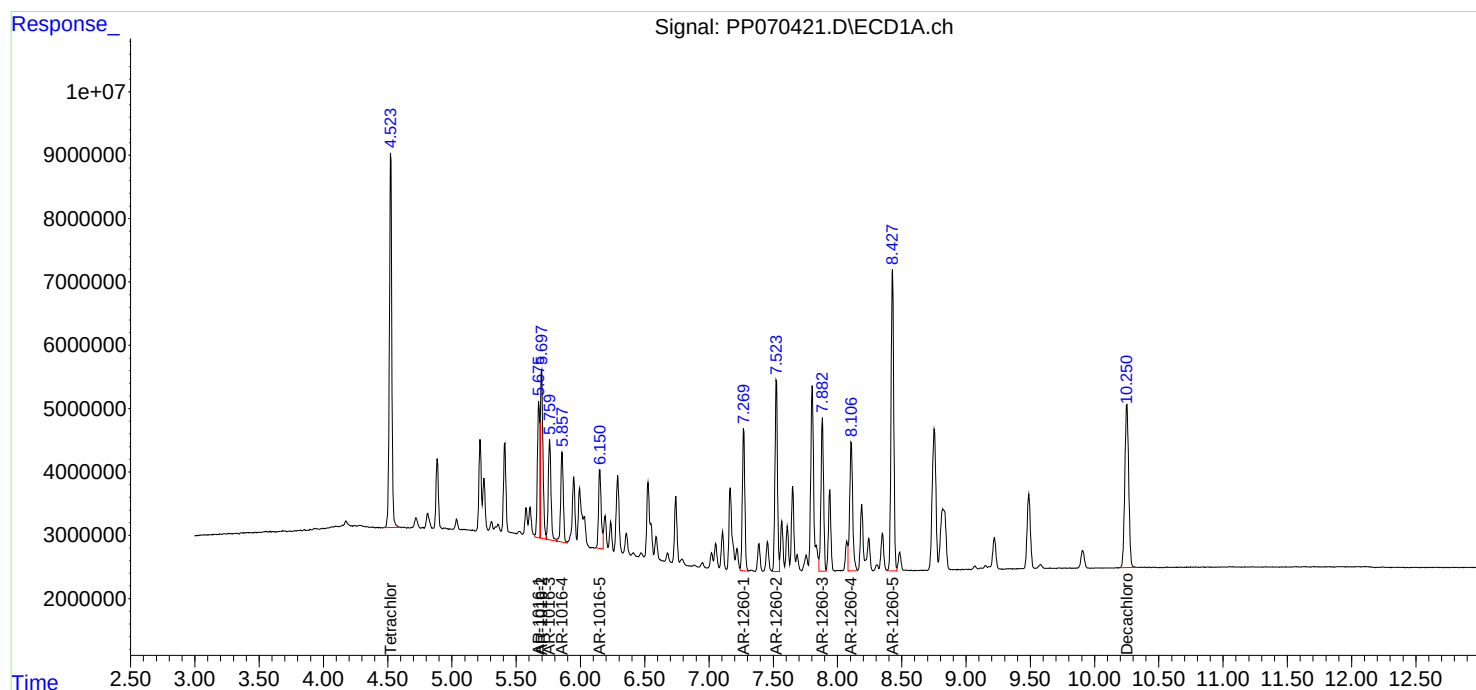
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

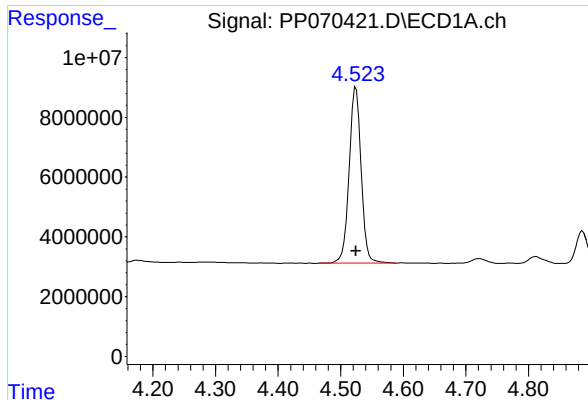
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070421.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 15:46  
Operator : YP\AJ  
Sample : AR1660ICC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 15:56:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 15:56:33 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

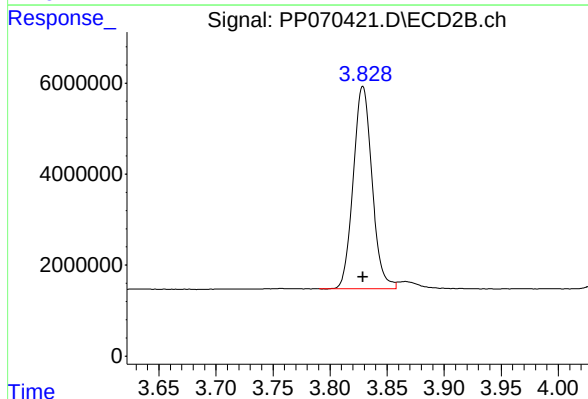




## #1 Tetrachloro-m-xylene

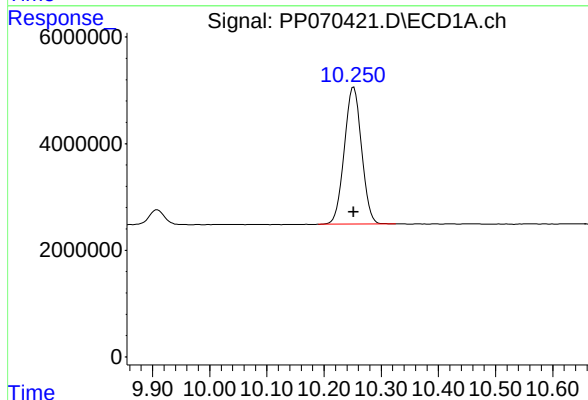
R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 78771396  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500



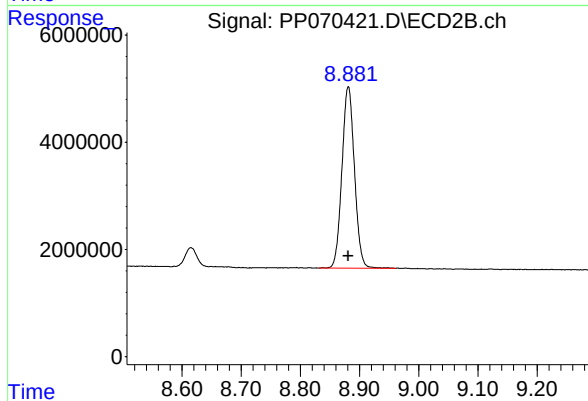
## #1 Tetrachloro-m-xylene

R.T.: 3.829 min  
Delta R.T.: 0.000 min  
Response: 50975899  
Conc: 50.00 ng/ml



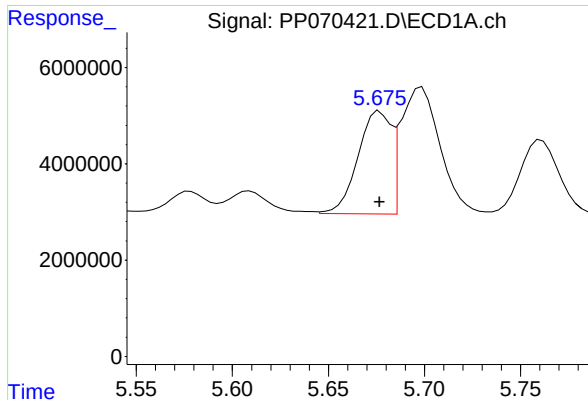
## #2 Decachlorobiphenyl

R.T.: 10.252 min  
Delta R.T.: 0.000 min  
Response: 54219318  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

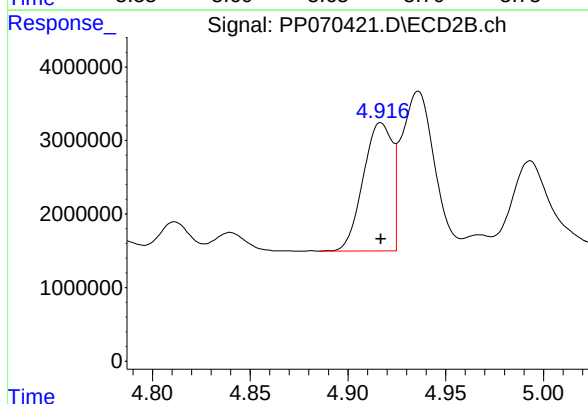
R.T.: 8.881 min  
Delta R.T.: 0.000 min  
Response: 49800469  
Conc: 50.00 ng/ml



#3 AR-1016-1

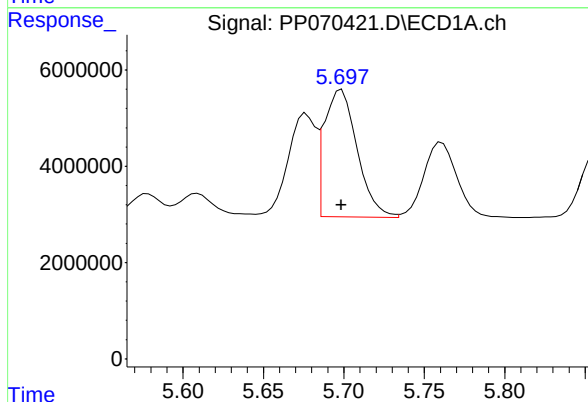
R.T.: 5.677 min  
Delta R.T.: 0.000 min  
Response: 25597740  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500



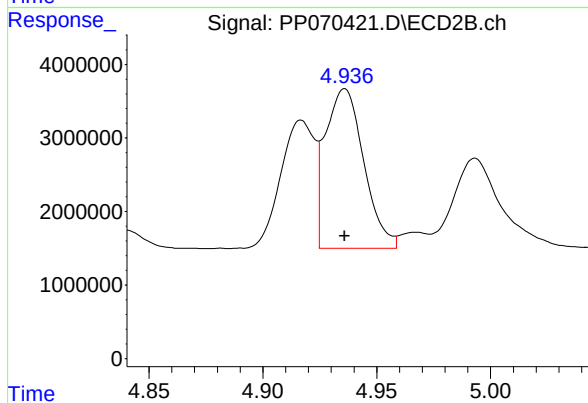
#3 AR-1016-1

R.T.: 4.917 min  
Delta R.T.: 0.000 min  
Response: 18058147  
Conc: 500.00 ng/ml



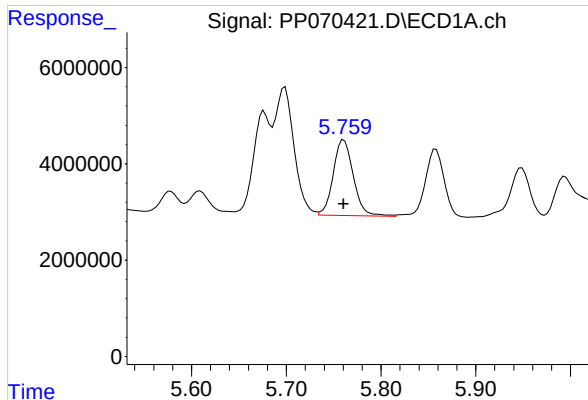
#4 AR-1016-2

R.T.: 5.699 min  
Delta R.T.: 0.000 min  
Response: 37546344  
Conc: 500.00 ng/ml



#4 AR-1016-2

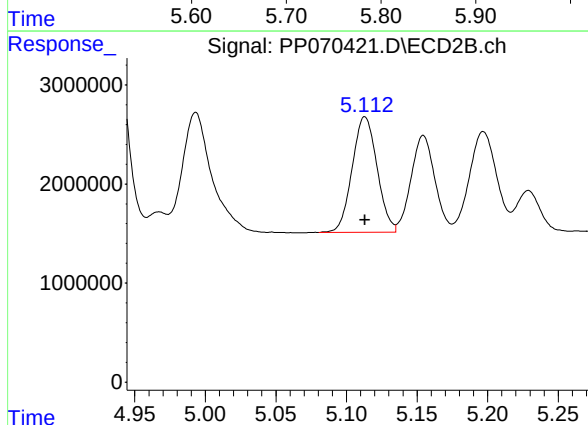
R.T.: 4.936 min  
Delta R.T.: 0.000 min  
Response: 25500879  
Conc: 500.00 ng/ml



#5 AR-1016-3

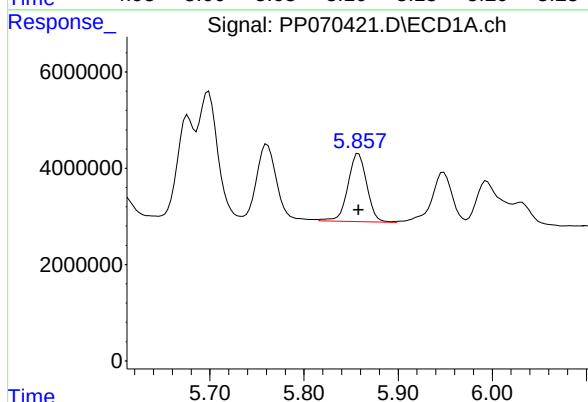
R.T.: 5.761 min  
Delta R.T.: 0.000 min  
Response: 23173097  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500



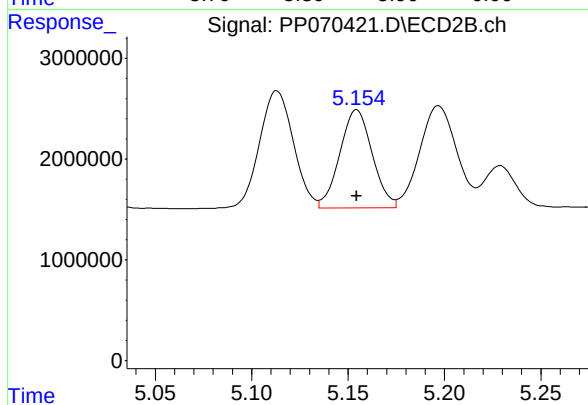
#5 AR-1016-3

R.T.: 5.113 min  
Delta R.T.: 0.000 min  
Response: 14351628  
Conc: 500.00 ng/ml



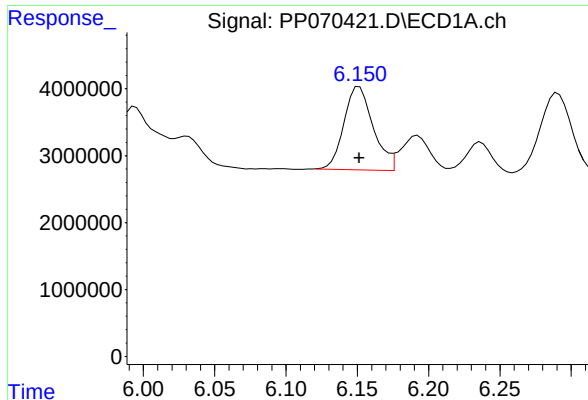
#6 AR-1016-4

R.T.: 5.858 min  
Delta R.T.: 0.000 min  
Response: 19789523  
Conc: 500.00 ng/ml



#6 AR-1016-4

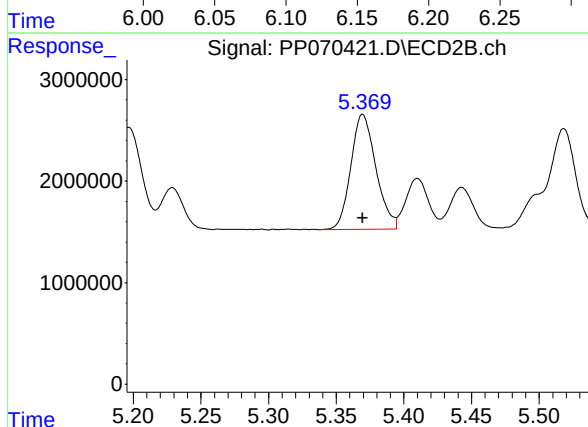
R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 11451480  
Conc: 500.00 ng/ml



#7 AR-1016-5

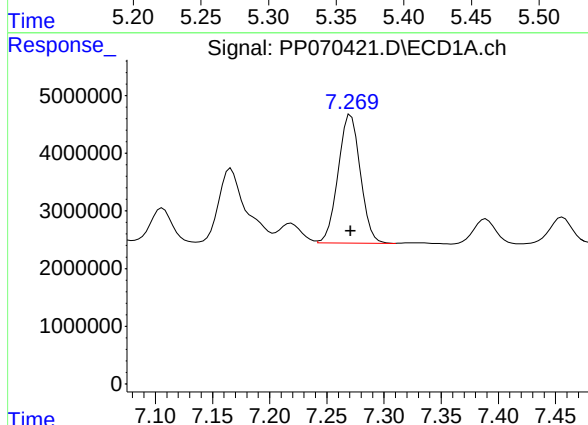
R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 17751672  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500



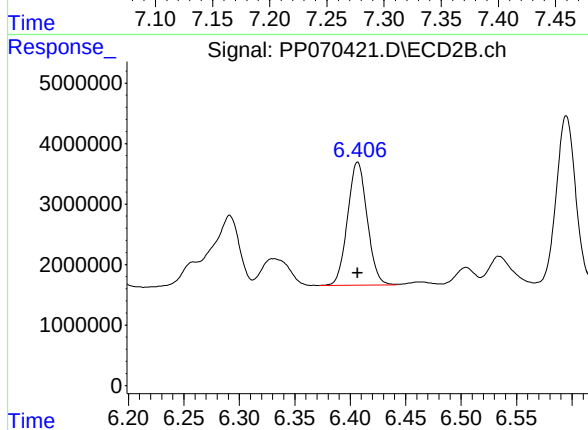
#7 AR-1016-5

R.T.: 5.370 min  
Delta R.T.: 0.000 min  
Response: 14634165  
Conc: 500.00 ng/ml



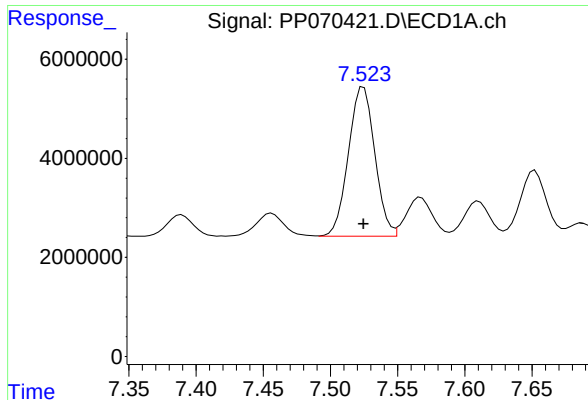
#31 AR-1260-1

R.T.: 7.271 min  
Delta R.T.: 0.000 min  
Response: 30330174  
Conc: 500.00 ng/ml



#31 AR-1260-1

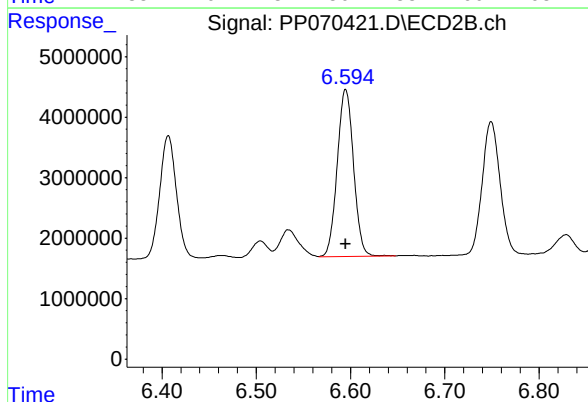
R.T.: 6.407 min  
Delta R.T.: 0.000 min  
Response: 25030839  
Conc: 500.00 ng/ml



#32 AR-1260-2

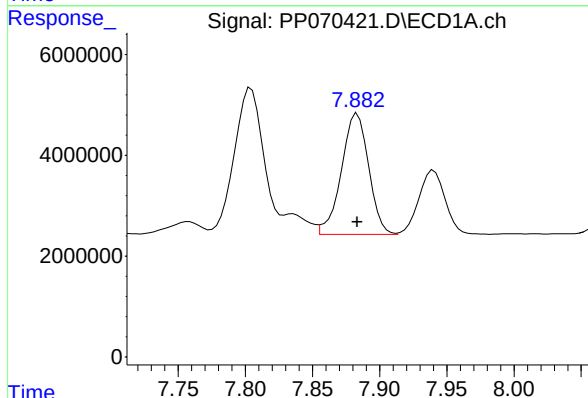
R.T.: 7.525 min  
Delta R.T.: 0.000 min  
Response: 41491985  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500



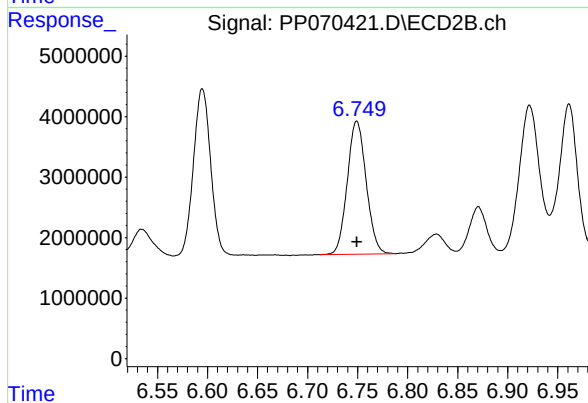
#32 AR-1260-2

R.T.: 6.595 min  
Delta R.T.: 0.000 min  
Response: 33308182  
Conc: 500.00 ng/ml



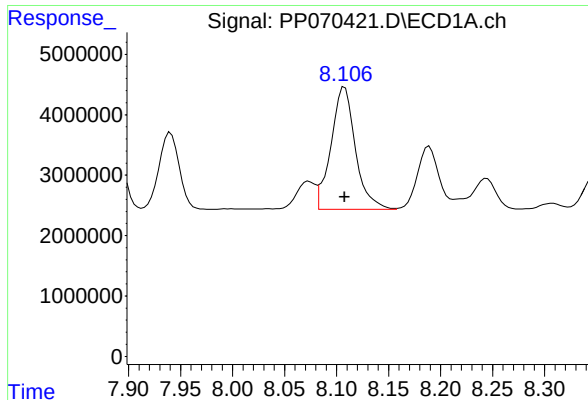
#33 AR-1260-3

R.T.: 7.883 min  
Delta R.T.: 0.000 min  
Response: 34005135  
Conc: 500.00 ng/ml



#33 AR-1260-3

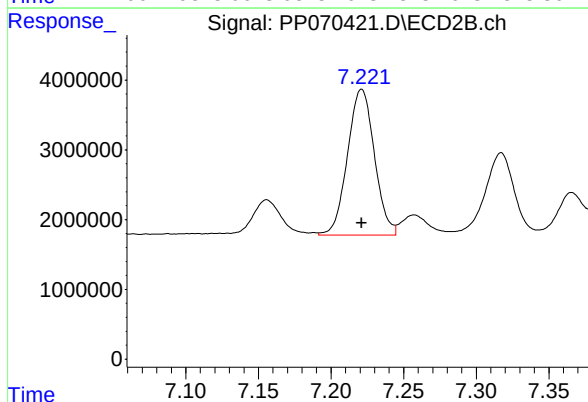
R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 28911574  
Conc: 500.00 ng/ml



#34 AR-1260-4

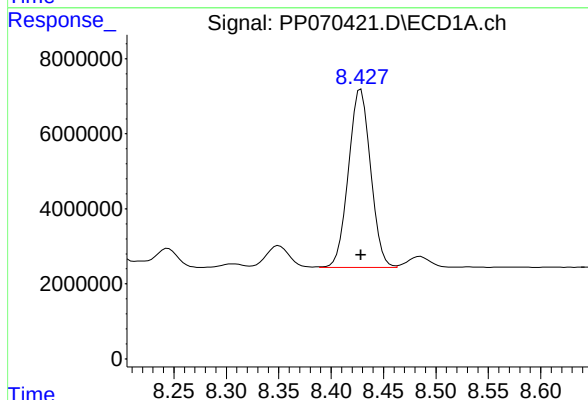
R.T.: 8.108 min  
Delta R.T.: 0.000 min  
Response: 33076474  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500



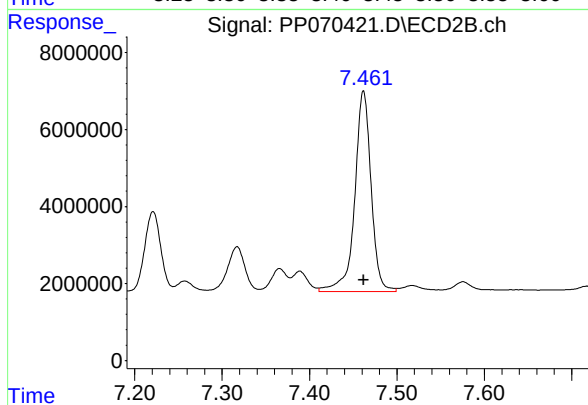
#34 AR-1260-4

R.T.: 7.221 min  
Delta R.T.: 0.000 min  
Response: 26980991  
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.428 min  
Delta R.T.: 0.000 min  
Response: 70209616  
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.462 min  
Delta R.T.: 0.000 min  
Response: 67902453  
Conc: 500.00 ng/ml



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070422.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 16:02  
 Operator : YP\AJ  
 Sample : AR1660ICC250  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC250

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 16:15:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 16:15:10 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.526  | 3.828 | 41531966 | 26313383 | 26.670  | 26.644  |
| 2) SA Decachlor...          | 10.255 | 8.880 | 28350211 | 25677480 | 26.570  | 26.327m |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.678  | 4.916 | 14080037 | 9864390  | 278.227 | 277.469 |
| 4) L1 AR-1016-2             | 5.700  | 4.935 | 19868297 | 13900874 | 268.896 | 277.831 |
| 5) L1 AR-1016-3             | 5.762  | 5.112 | 12407402 | 7670971  | 273.151 | 275.227 |
| 6) L1 AR-1016-4             | 5.859  | 5.154 | 10571757 | 6097437  | 275.169 | 274.862 |
| 7) L1 AR-1016-5             | 6.153  | 5.369 | 9142764  | 8102490  | 264.374 | 282.508 |
| 31) L7 AR-1260-1            | 7.272  | 6.406 | 15812734 | 13410773 | 266.607 | 272.835 |
| 32) L7 AR-1260-2            | 7.526  | 6.594 | 21836797 | 17516742 | 268.685 | 268.035 |
| 33) L7 AR-1260-3            | 7.885  | 6.749 | 17670532 | 15252750 | 265.362 | 269.346 |
| 34) L7 AR-1260-4            | 8.110  | 7.220 | 17375887 | 13889843 | 265.960 | 269.143 |
| 35) L7 AR-1260-5            | 8.430  | 7.461 | 36632226 | 34190463 | 265.158 | 259.725 |
| -----                       |        |       |          |          |         |         |

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

```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\  
Data File : PP070422.D  
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch  
Acq On    : 11 Mar 2025  16:02  
Operator  : YP\AJ  
Sample    : AR1660ICC250  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
```

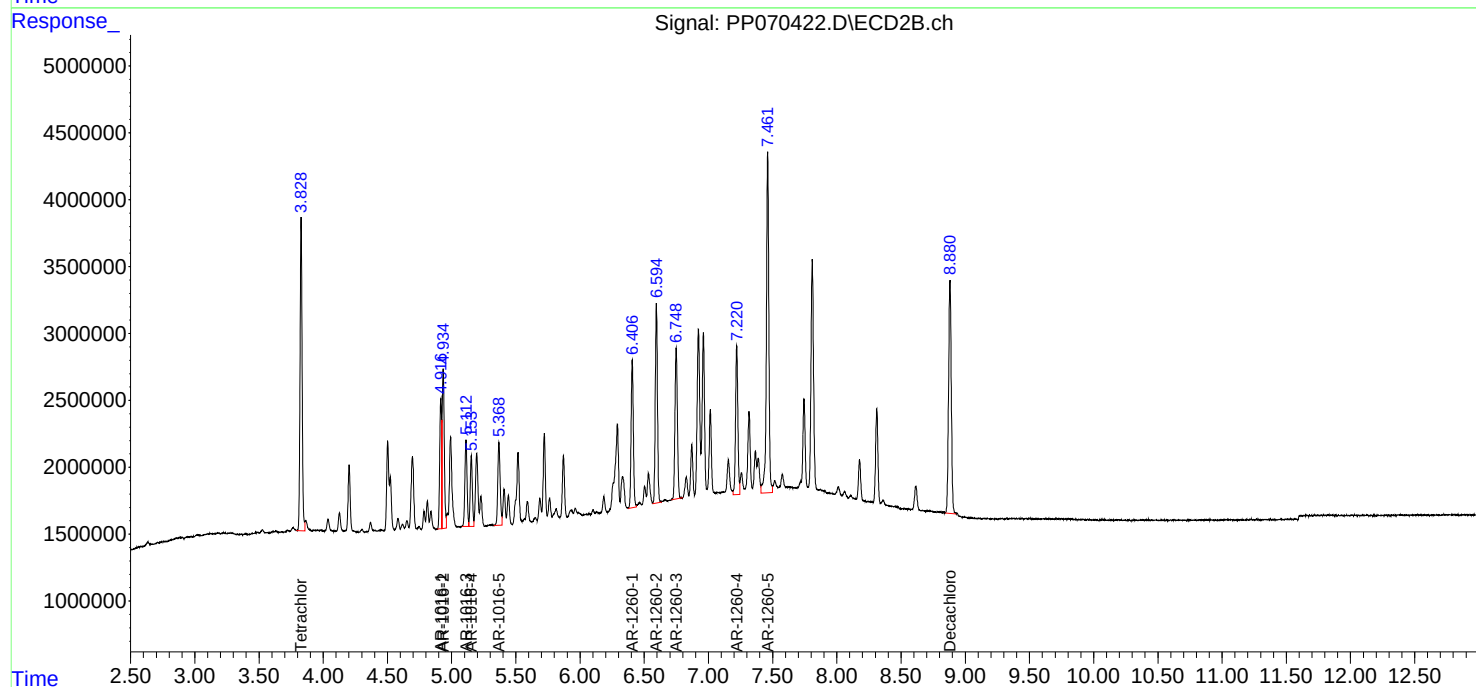
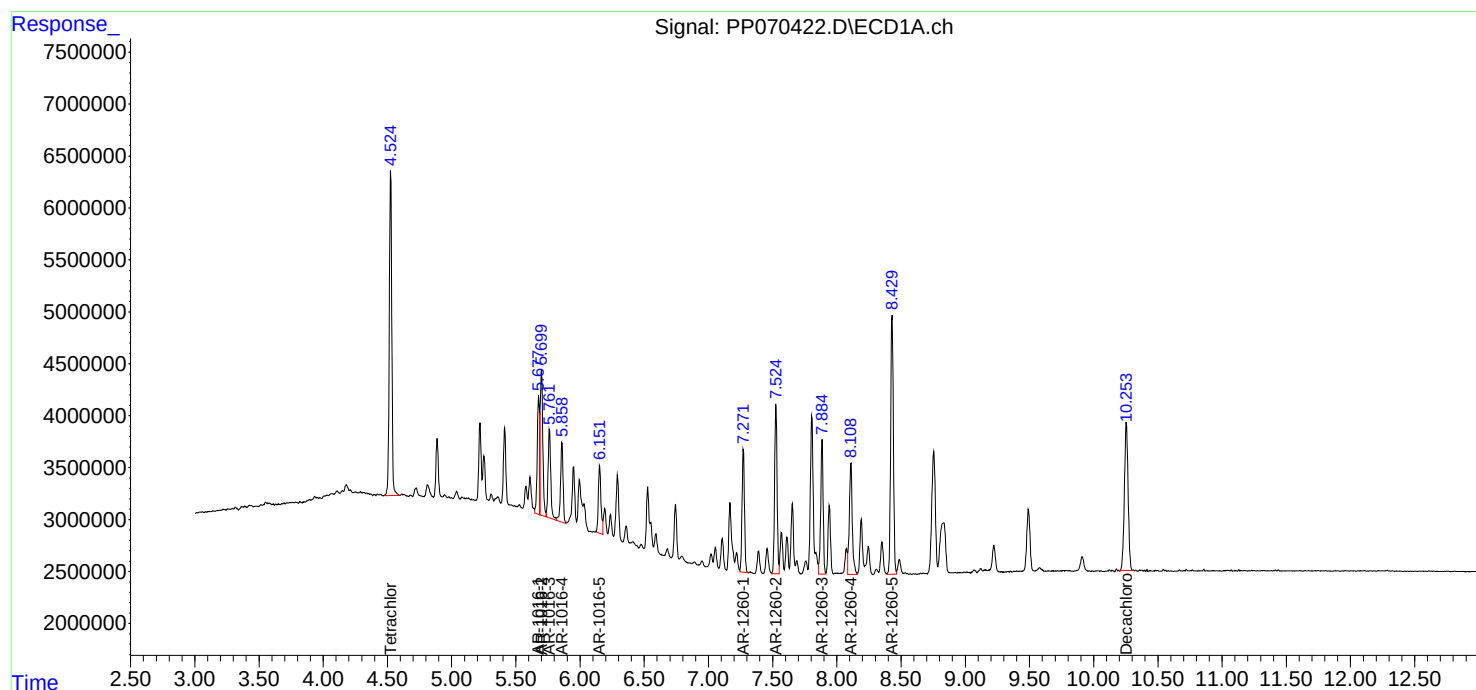
**Instrument :**  
ECD\_P  
**ClientSampleId :**  
AR1660ICC250

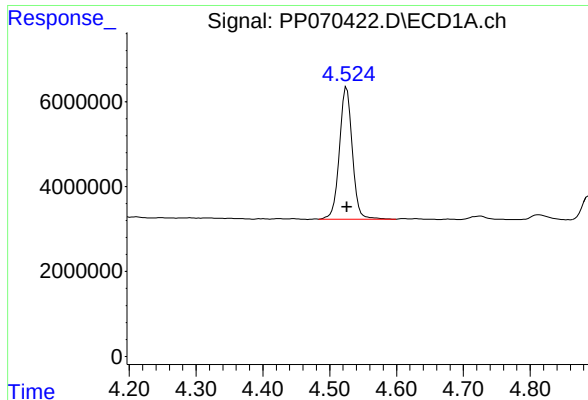
## Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 16:15:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 16:15:10 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





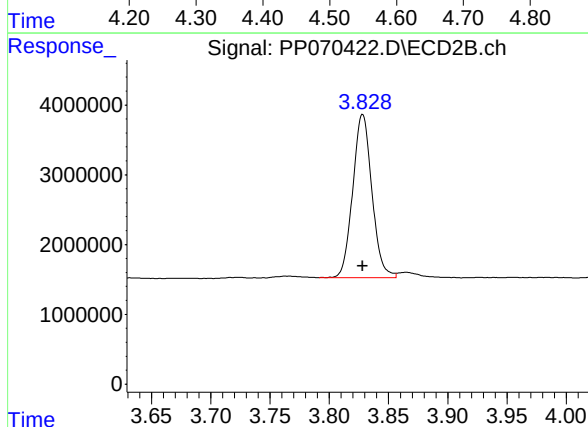
## #1 Tetrachloro-m-xylene

R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 41531966  
Conc: 26.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

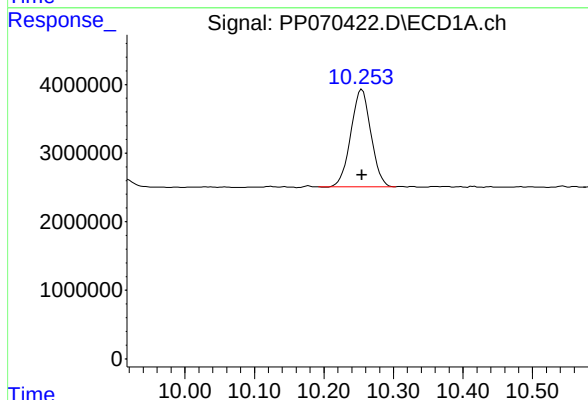
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



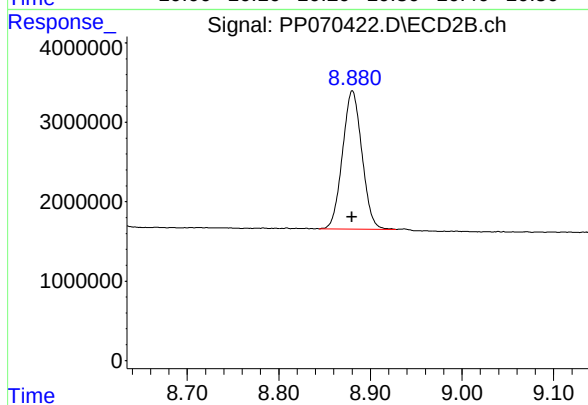
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 26313383  
Conc: 26.64 ng/ml



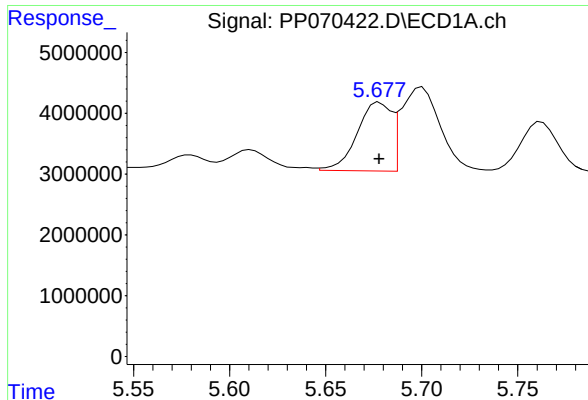
## #2 Decachlorobiphenyl

R.T.: 10.255 min  
Delta R.T.: 0.000 min  
Response: 28350211  
Conc: 26.57 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.880 min  
Delta R.T.: 0.000 min  
Response: 25677480  
Conc: 26.33 ng/ml m



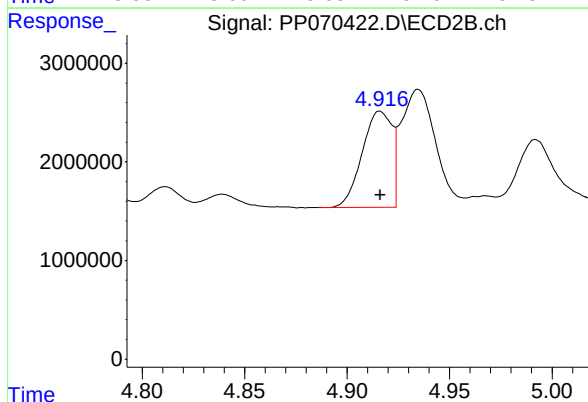
#3 AR-1016-1

R.T.: 5.678 min  
Delta R.T.: 0.000 min  
Response: 14080037  
Conc: 278.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

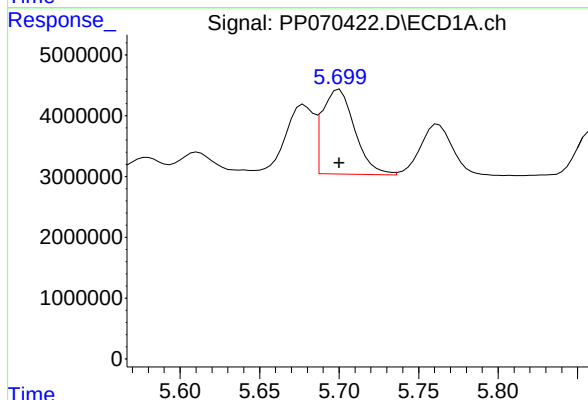
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



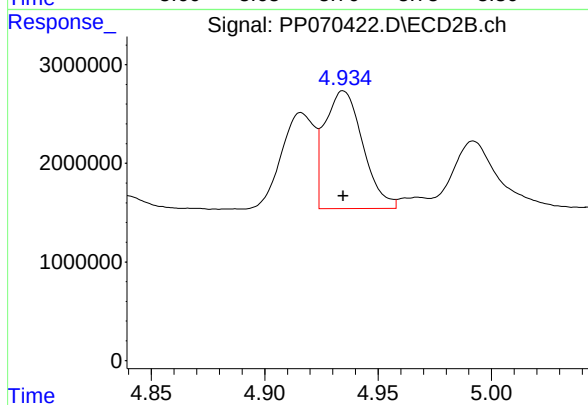
#3 AR-1016-1

R.T.: 4.916 min  
Delta R.T.: 0.000 min  
Response: 9864390  
Conc: 277.47 ng/ml



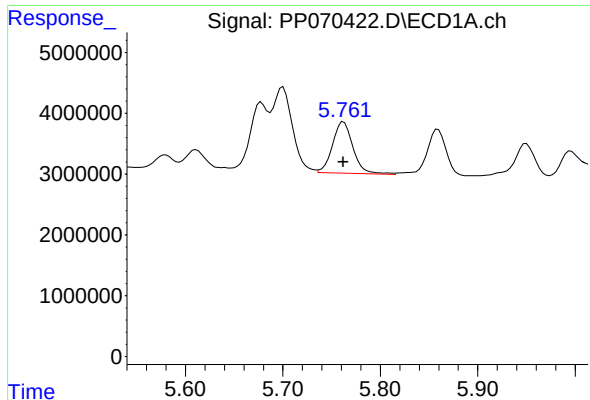
#4 AR-1016-2

R.T.: 5.700 min  
Delta R.T.: 0.000 min  
Response: 19868297  
Conc: 268.90 ng/ml



#4 AR-1016-2

R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 13900874  
Conc: 277.83 ng/ml



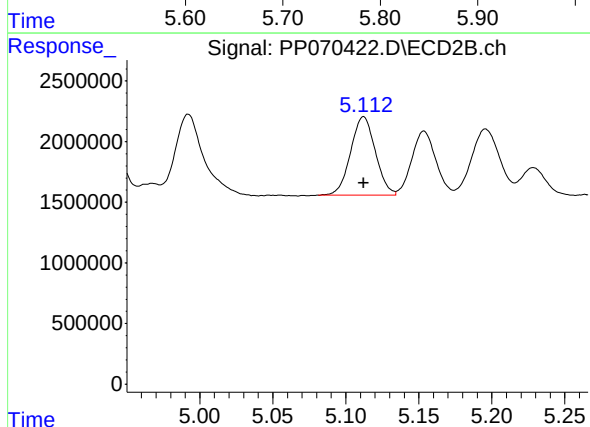
#5 AR-1016-3

R.T.: 5.762 min  
Delta R.T.: 0.000 min  
Response: 12407402  
Conc: 273.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

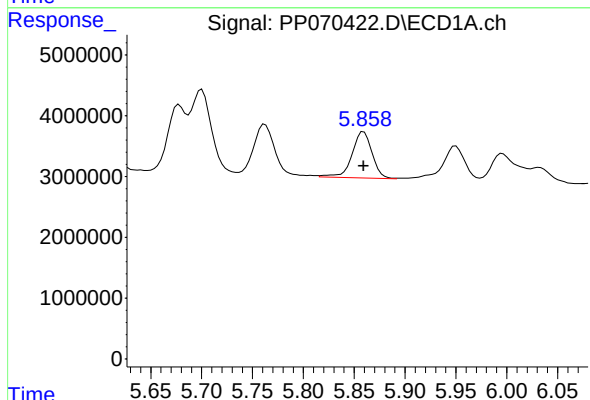
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



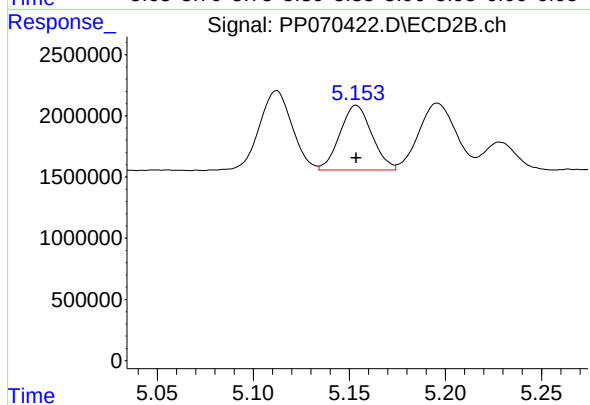
#5 AR-1016-3

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 7670971  
Conc: 275.23 ng/ml



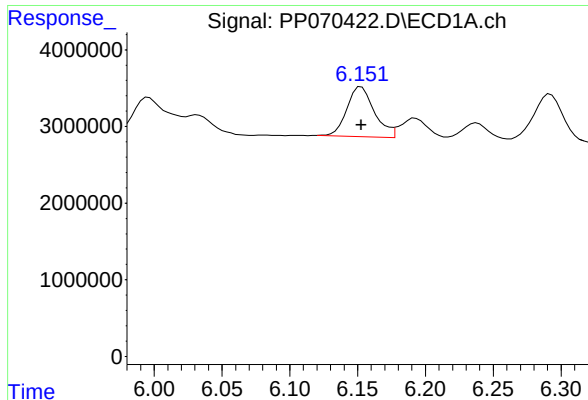
#6 AR-1016-4

R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 10571757  
Conc: 275.17 ng/ml



#6 AR-1016-4

R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 6097437  
Conc: 274.86 ng/ml



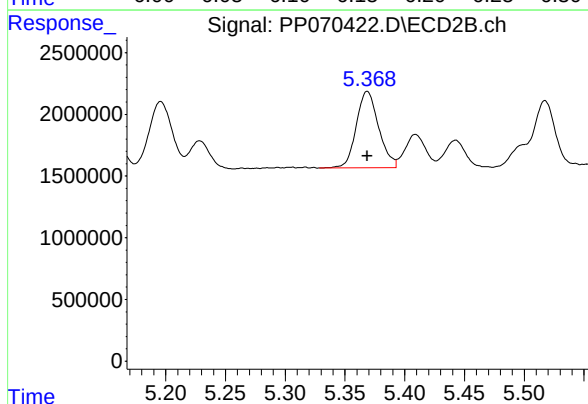
#7 AR-1016-5

R.T.: 6.153 min  
Delta R.T.: 0.000 min  
Response: 9142764  
Conc: 264.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

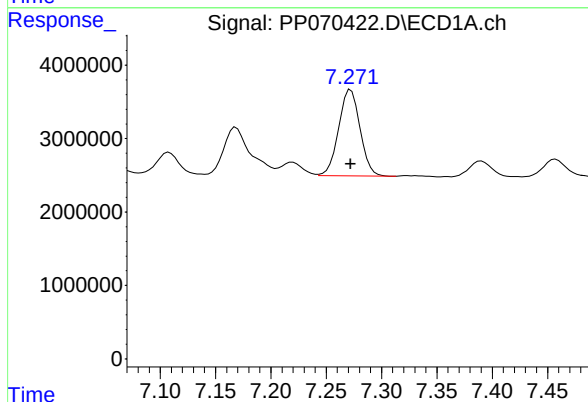
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



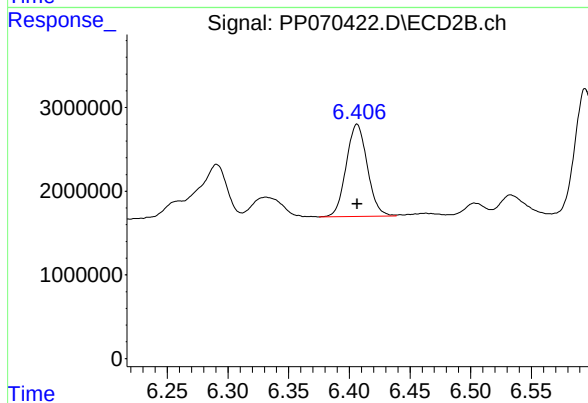
#7 AR-1016-5

R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 8102490  
Conc: 282.51 ng/ml



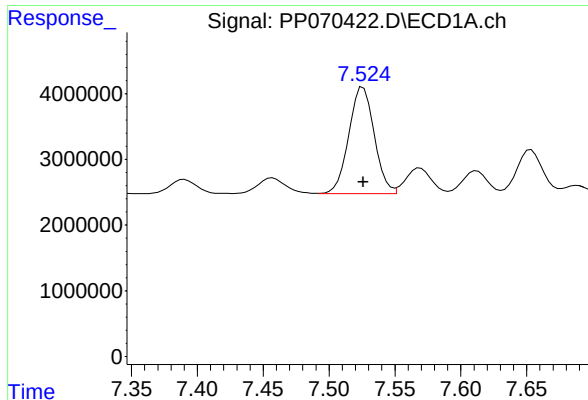
#31 AR-1260-1

R.T.: 7.272 min  
Delta R.T.: 0.000 min  
Response: 15812734  
Conc: 266.61 ng/ml



#31 AR-1260-1

R.T.: 6.406 min  
Delta R.T.: 0.000 min  
Response: 13410773  
Conc: 272.83 ng/ml



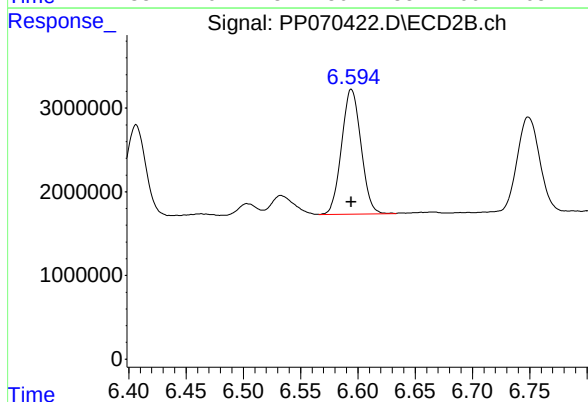
#32 AR-1260-2

R.T.: 7.526 min  
Delta R.T.: 0.000 min  
Response: 21836797  
Conc: 268.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

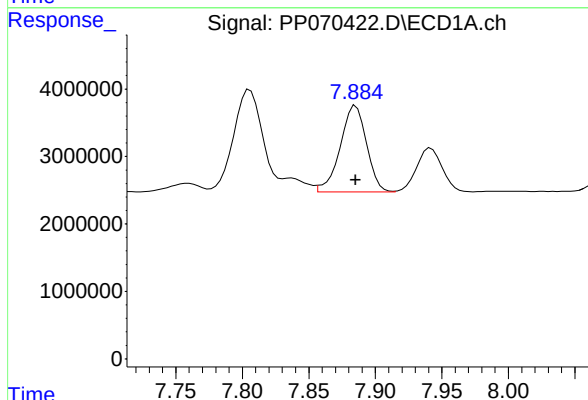
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



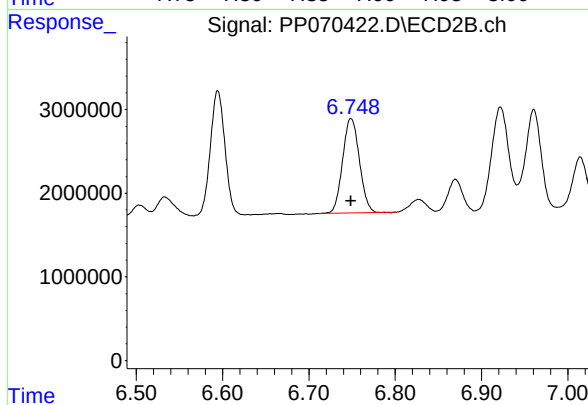
#32 AR-1260-2

R.T.: 6.594 min  
Delta R.T.: 0.000 min  
Response: 17516742  
Conc: 268.04 ng/ml



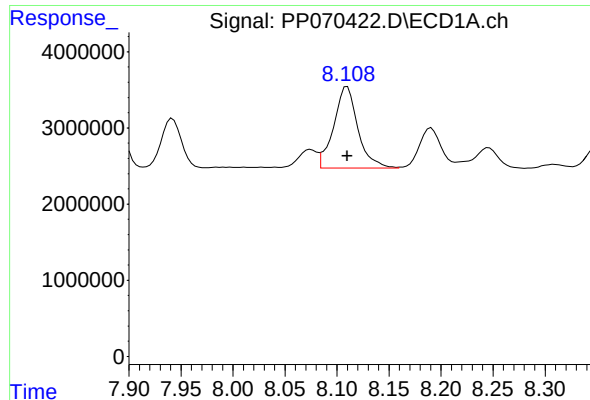
#33 AR-1260-3

R.T.: 7.885 min  
Delta R.T.: 0.000 min  
Response: 17670532  
Conc: 265.36 ng/ml



#33 AR-1260-3

R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 15252750  
Conc: 269.35 ng/ml



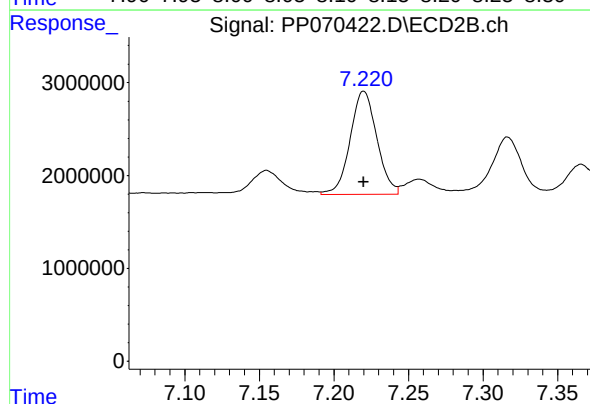
#34 AR-1260-4

R.T.: 8.110 min  
Delta R.T.: 0.000 min  
Response: 17375887  
Conc: 265.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

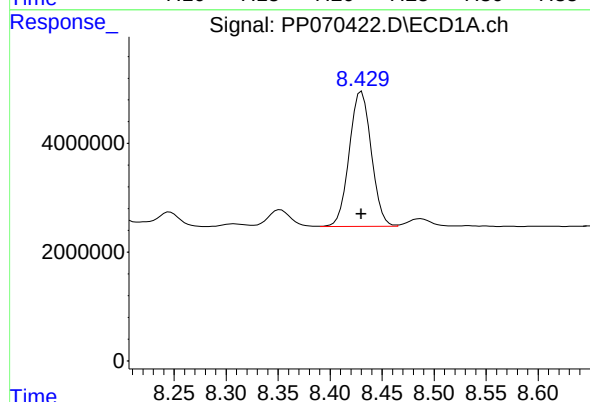
Manual Integrations  
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Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



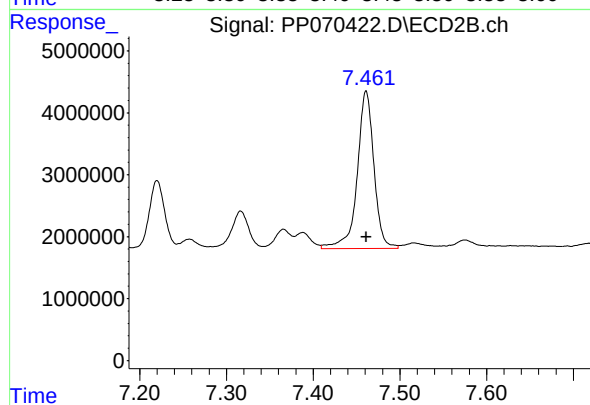
#34 AR-1260-4

R.T.: 7.220 min  
Delta R.T.: 0.000 min  
Response: 13889843  
Conc: 269.14 ng/ml



#35 AR-1260-5

R.T.: 8.430 min  
Delta R.T.: 0.000 min  
Response: 36632226  
Conc: 265.16 ng/ml



#35 AR-1260-5

R.T.: 7.461 min  
Delta R.T.: 0.000 min  
Response: 34190463  
Conc: 259.73 ng/ml



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070423.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 16:18  
 Operator : YP\AJ  
 Sample : AR1660ICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 16:29:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 16:29:31 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|---------|---------|---------|----------|
| -----                       |        |       |         |         |         |          |
| System Monitoring Compounds |        |       |         |         |         |          |
| 1) SA Tetrachlo...          | 4.526  | 3.828 | 7739681 | 5305139 | 4.976   | 5.293    |
| 2) SA Decachlor...          | 10.252 | 8.882 | 5218274 | 4943985 | 4.912   | 5.053    |
| Target Compounds            |        |       |         |         |         |          |
| 3) L1 AR-1016-1             | 5.676  | 4.917 | 2841545 | 1877865 | 53.987m | 52.232   |
| 4) L1 AR-1016-2             | 5.699  | 4.936 | 3108517 | 2984969 | 42.895m | 57.440 # |
| 5) L1 AR-1016-3             | 5.762  | 5.113 | 2299832 | 1539056 | 50.765m | 54.090   |
| 6) L1 AR-1016-4             | 5.859  | 5.154 | 2075609 | 1160746 | 53.599m | 51.842   |
| 7) L1 AR-1016-5             | 6.151  | 5.369 | 1738965 | 1693613 | 50.227  | 56.988   |
| 31) L7 AR-1260-1            | 7.273  | 6.407 | 2822336 | 2615404 | 48.049  | 52.535   |
| 32) L7 AR-1260-2            | 7.527  | 6.594 | 4256172 | 3451390 | 51.877  | 52.225   |
| 33) L7 AR-1260-3            | 7.885  | 6.749 | 3121384 | 2973566 | 47.468  | 51.988   |
| 34) L7 AR-1260-4            | 8.110  | 7.221 | 3269147 | 2469332 | 50.031  | 48.460m  |
| 35) L7 AR-1260-5            | 8.431  | 7.461 | 6538931 | 5868129 | 47.842  | 45.416m  |
| -----                       |        |       |         |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070423.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 16:18  
Operator : YP\AJ  
Sample : AR1660ICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

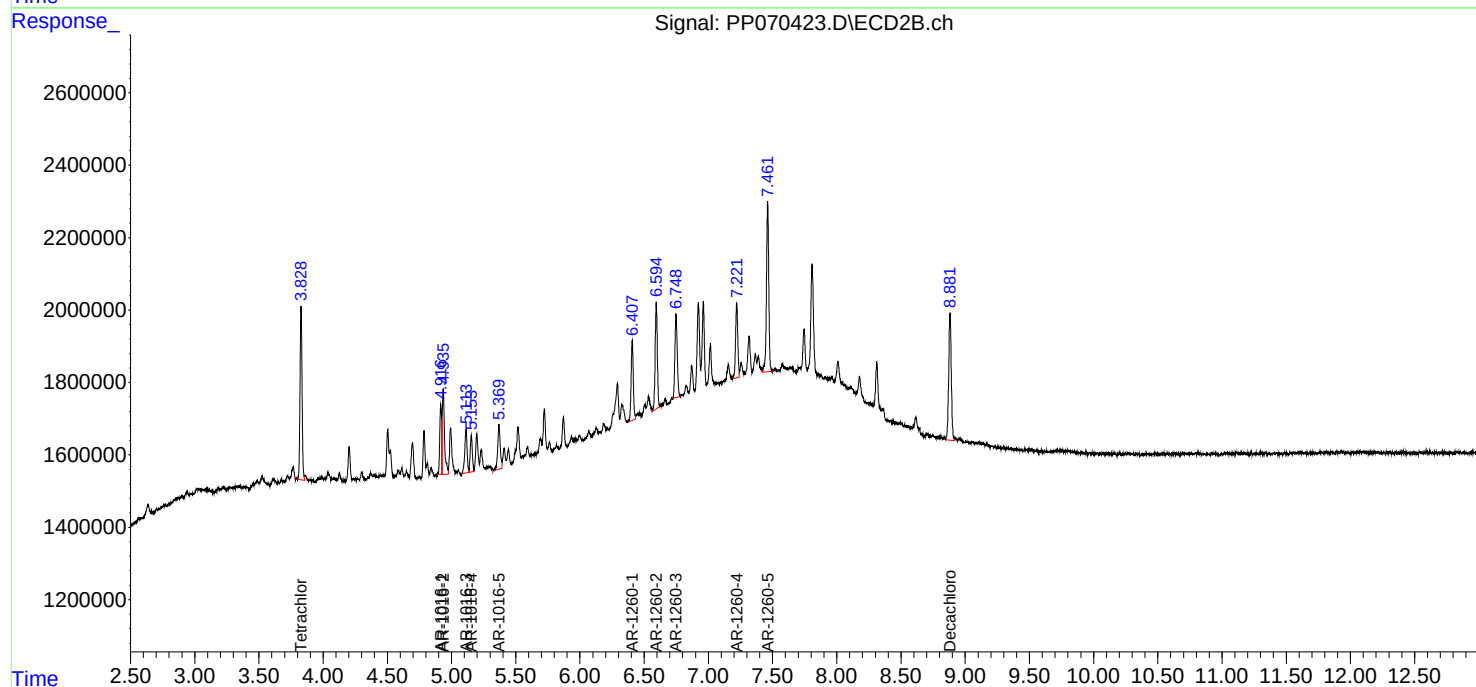
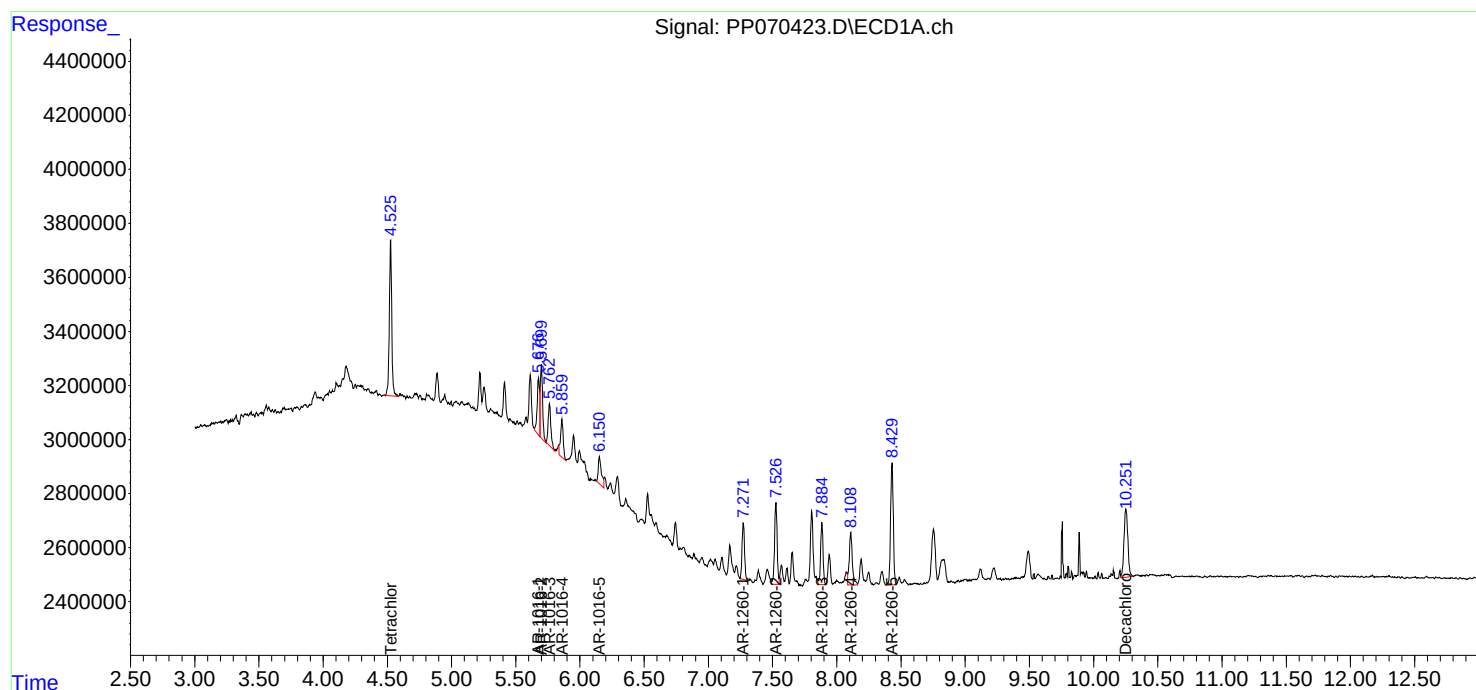
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

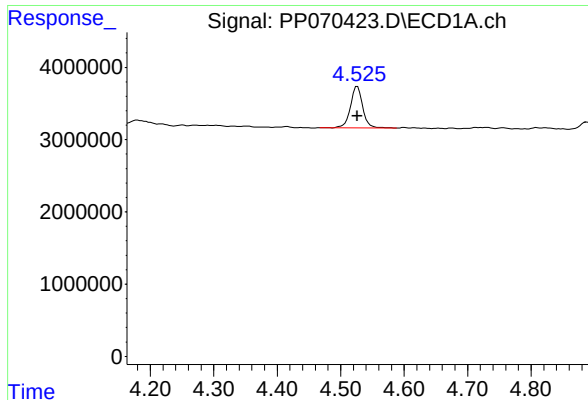
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 16:29:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 16:29:31 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





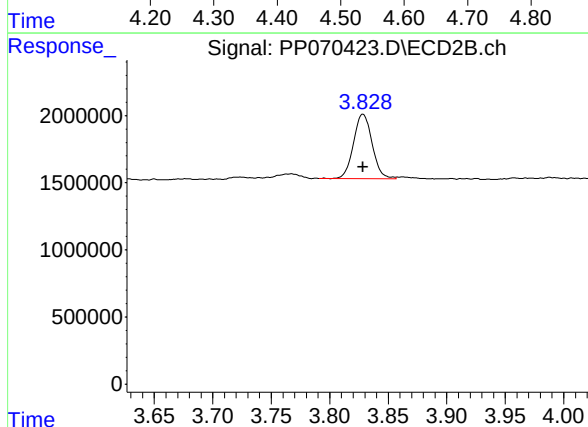
## #1 Tetrachloro-m-xylene

R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 7739681  
Conc: 4.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

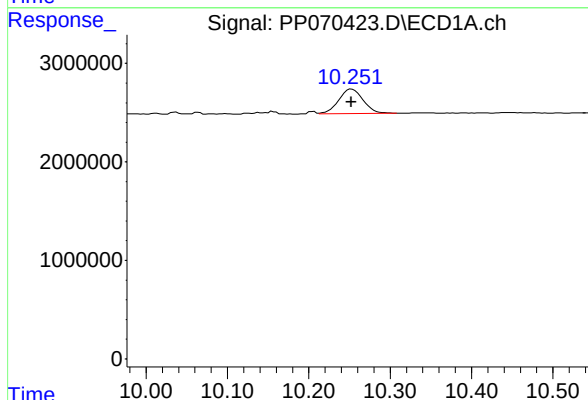
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



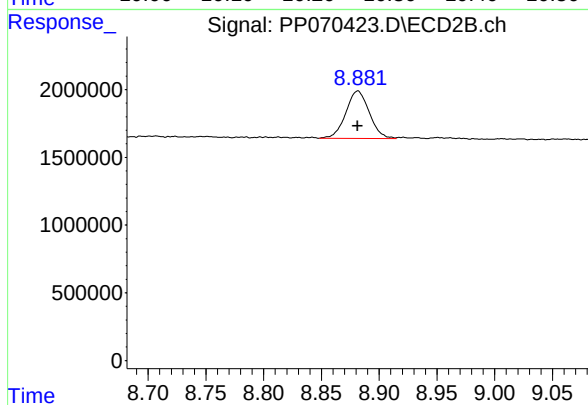
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 5305139  
Conc: 5.29 ng/ml



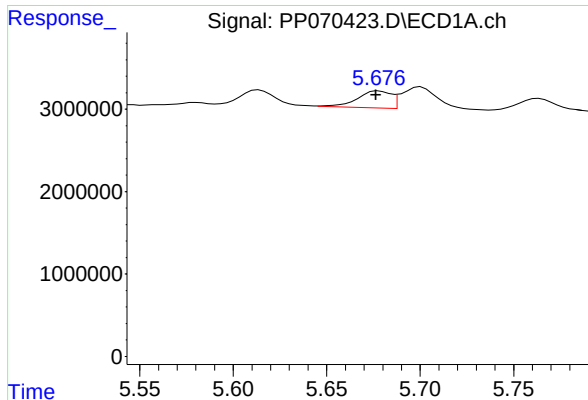
## #2 Decachlorobiphenyl

R.T.: 10.252 min  
Delta R.T.: 0.000 min  
Response: 5218274  
Conc: 4.91 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.882 min  
Delta R.T.: 0.000 min  
Response: 4943985  
Conc: 5.05 ng/ml



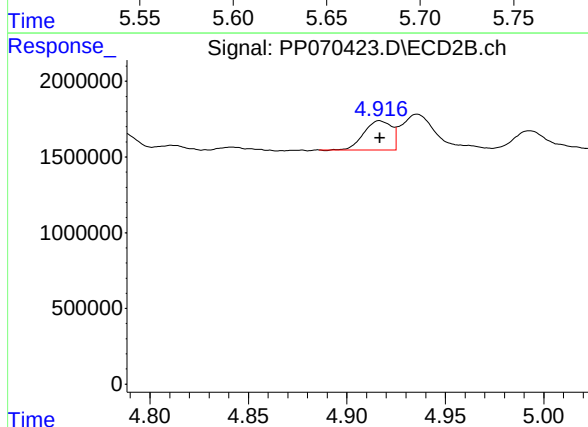
#3 AR-1016-1

R.T.: 5.676 min  
Delta R.T.: 0.000 min  
Response: 2841545  
Conc: 53.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

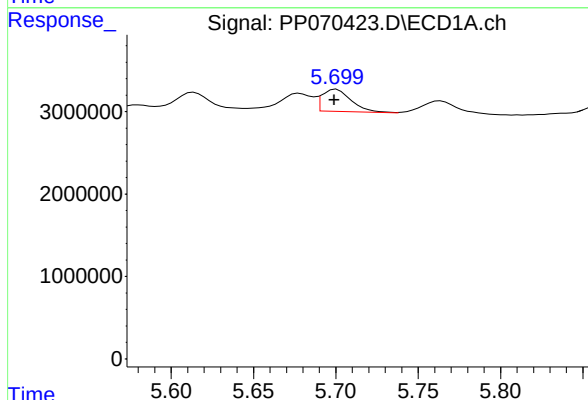
Manual Integrations  
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Supervised By :Ankita Jodhani 03/12/2025



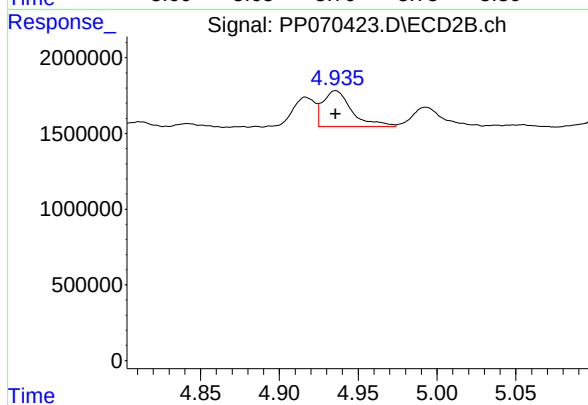
#3 AR-1016-1

R.T.: 4.917 min  
Delta R.T.: 0.000 min  
Response: 1877865  
Conc: 52.23 ng/ml



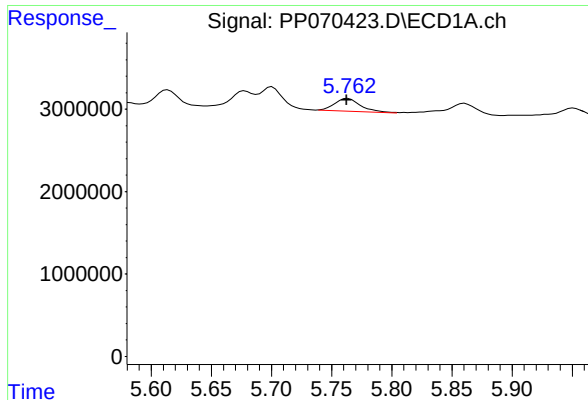
#4 AR-1016-2

R.T.: 5.699 min  
Delta R.T.: 0.000 min  
Response: 3108517  
Conc: 42.89 ng/ml m



#4 AR-1016-2

R.T.: 4.936 min  
Delta R.T.: 0.000 min  
Response: 2984969  
Conc: 57.44 ng/ml



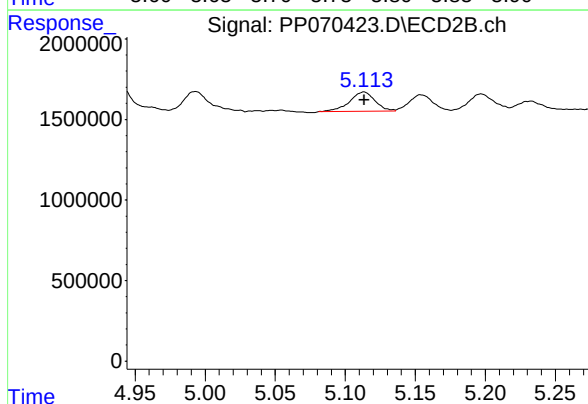
#5 AR-1016-3

R.T.: 5.762 min  
Delta R.T.: 0.000 min  
Response: 2299832  
Conc: 50.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

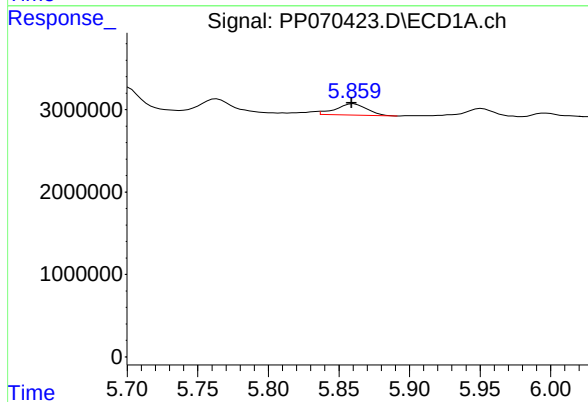
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



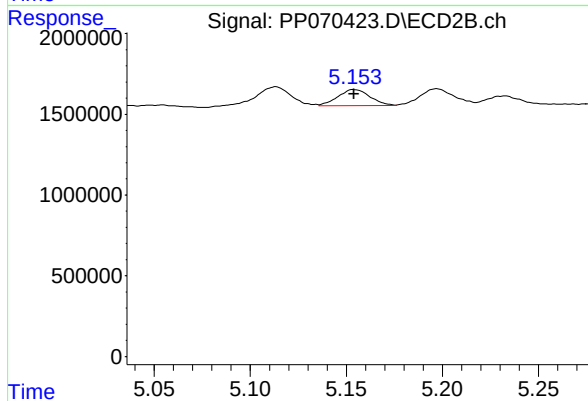
#5 AR-1016-3

R.T.: 5.113 min  
Delta R.T.: 0.000 min  
Response: 1539056  
Conc: 54.09 ng/ml



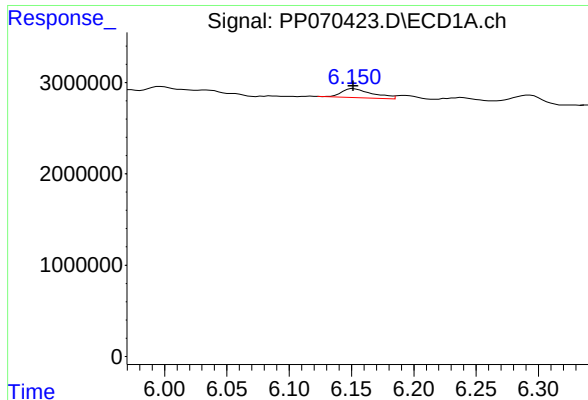
#6 AR-1016-4

R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 2075609  
Conc: 53.60 ng/ml m



#6 AR-1016-4

R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 1160746  
Conc: 51.84 ng/ml



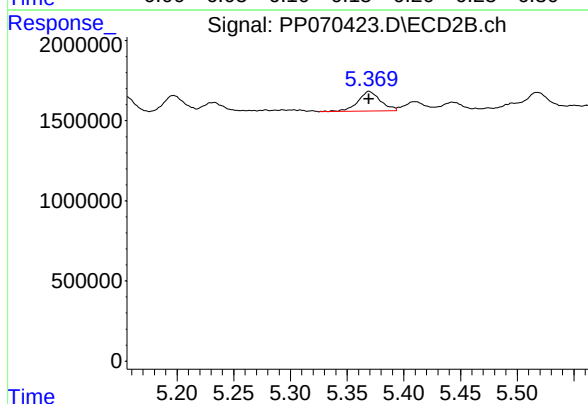
#7 AR-1016-5

R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 1738965  
Conc: 50.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

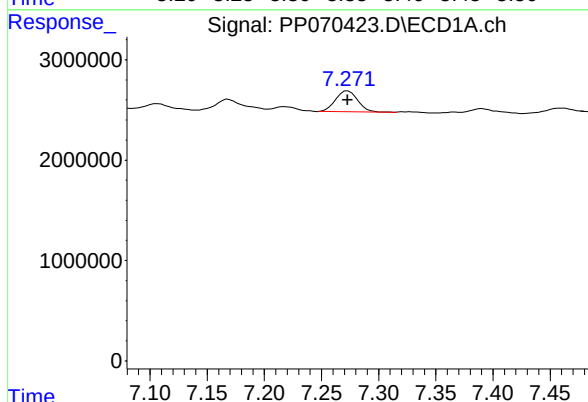
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



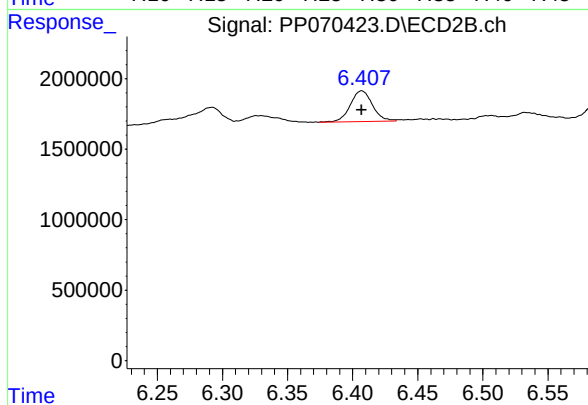
#7 AR-1016-5

R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 1693613  
Conc: 56.99 ng/ml



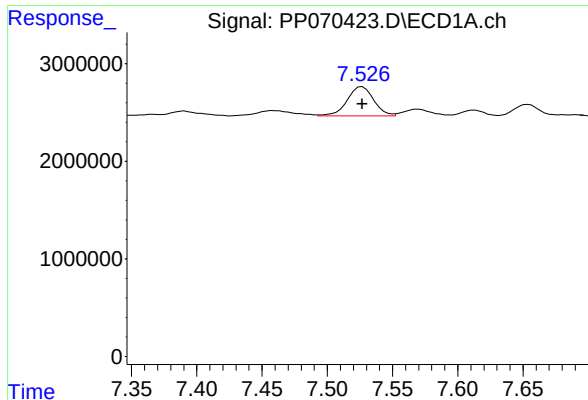
#31 AR-1260-1

R.T.: 7.273 min  
Delta R.T.: 0.000 min  
Response: 2822336  
Conc: 48.05 ng/ml



#31 AR-1260-1

R.T.: 6.407 min  
Delta R.T.: 0.000 min  
Response: 2615404  
Conc: 52.53 ng/ml



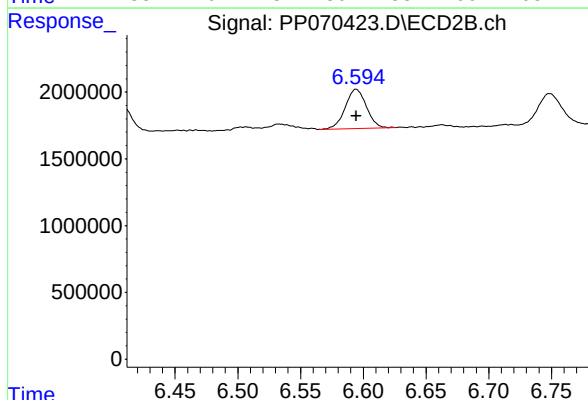
#32 AR-1260-2

R.T.: 7.527 min  
Delta R.T.: 0.000 min  
Response: 4256172  
Conc: 51.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

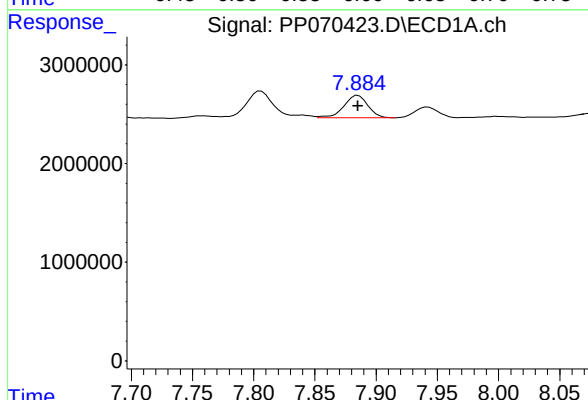
Manual Integrations  
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Supervised By :Ankita Jodhani 03/12/2025



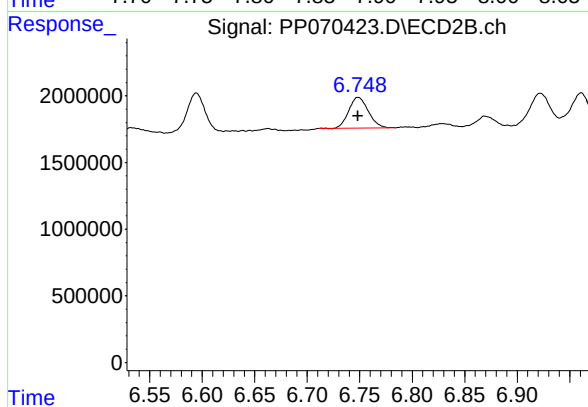
#32 AR-1260-2

R.T.: 6.594 min  
Delta R.T.: 0.000 min  
Response: 3451390  
Conc: 52.22 ng/ml



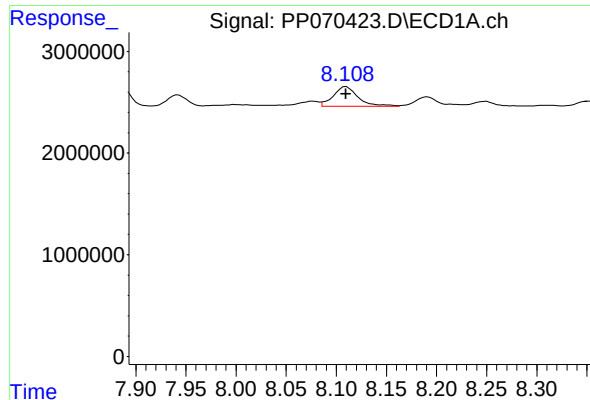
#33 AR-1260-3

R.T.: 7.885 min  
Delta R.T.: 0.000 min  
Response: 3121384  
Conc: 47.47 ng/ml



#33 AR-1260-3

R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 2973566  
Conc: 51.99 ng/ml



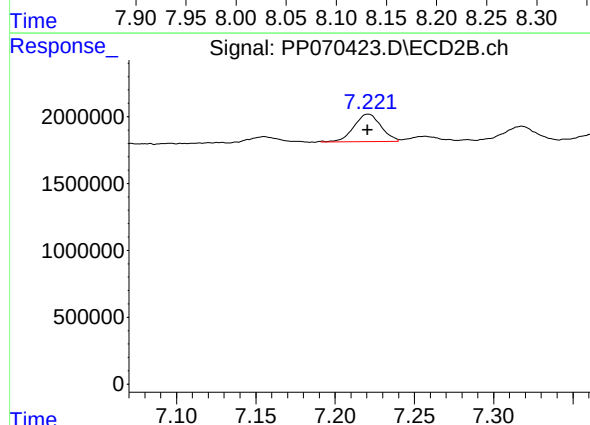
#34 AR-1260-4

R.T.: 8.110 min  
Delta R.T.: 0.000 min  
Response: 3269147  
Conc: 50.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

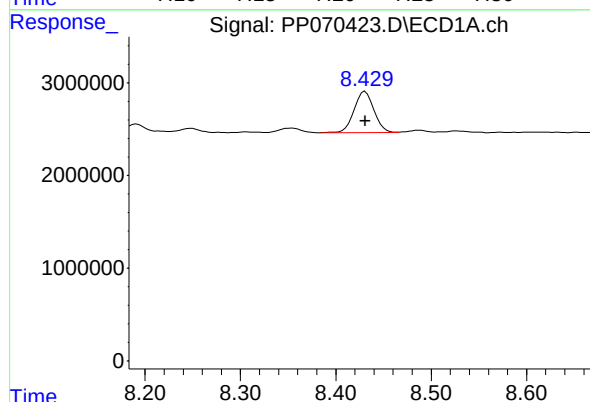
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



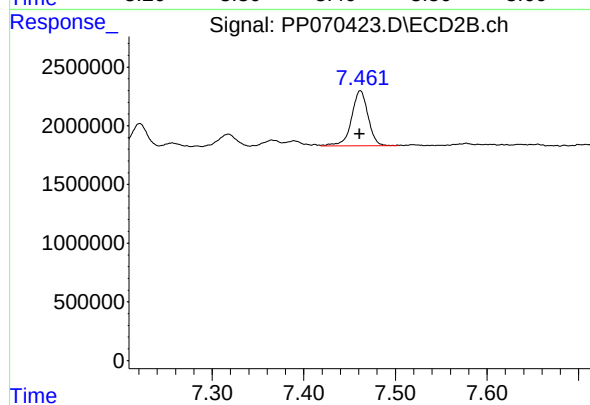
#34 AR-1260-4

R.T.: 7.221 min  
Delta R.T.: 0.000 min  
Response: 2469332  
Conc: 48.46 ng/ml m



#35 AR-1260-5

R.T.: 8.431 min  
Delta R.T.: 0.000 min  
Response: 6538931  
Conc: 47.84 ng/ml



#35 AR-1260-5

R.T.: 7.461 min  
Delta R.T.: 0.000 min  
Response: 5868129  
Conc: 45.42 ng/ml m



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070424.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 16:34  
 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: Mar 11 21:54:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 21:54:12 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.527  | 3.829 | 85559870 | 52860952 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.253 | 8.882 | 57800559 | 48491420 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 8) L2 AR-1221-1             | 4.728  | 4.040 | 9970034  | 7441268  | 500.000 | 500.000 |
| 9) L2 AR-1221-2             | 4.814  | 4.127 | 7304344  | 5714551  | 500.000 | 500.000 |
| 10) L2 AR-1221-3            | 4.889  | 4.203 | 22182343 | 16710871 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

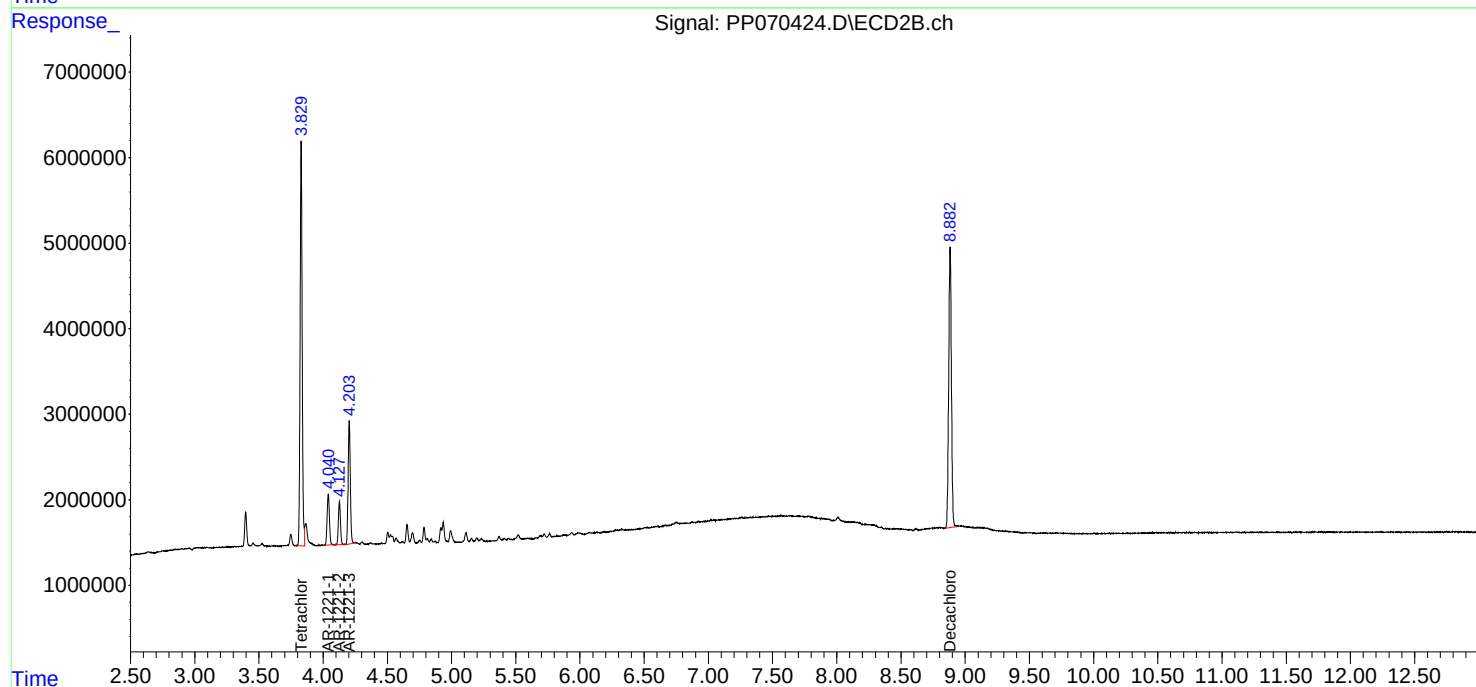
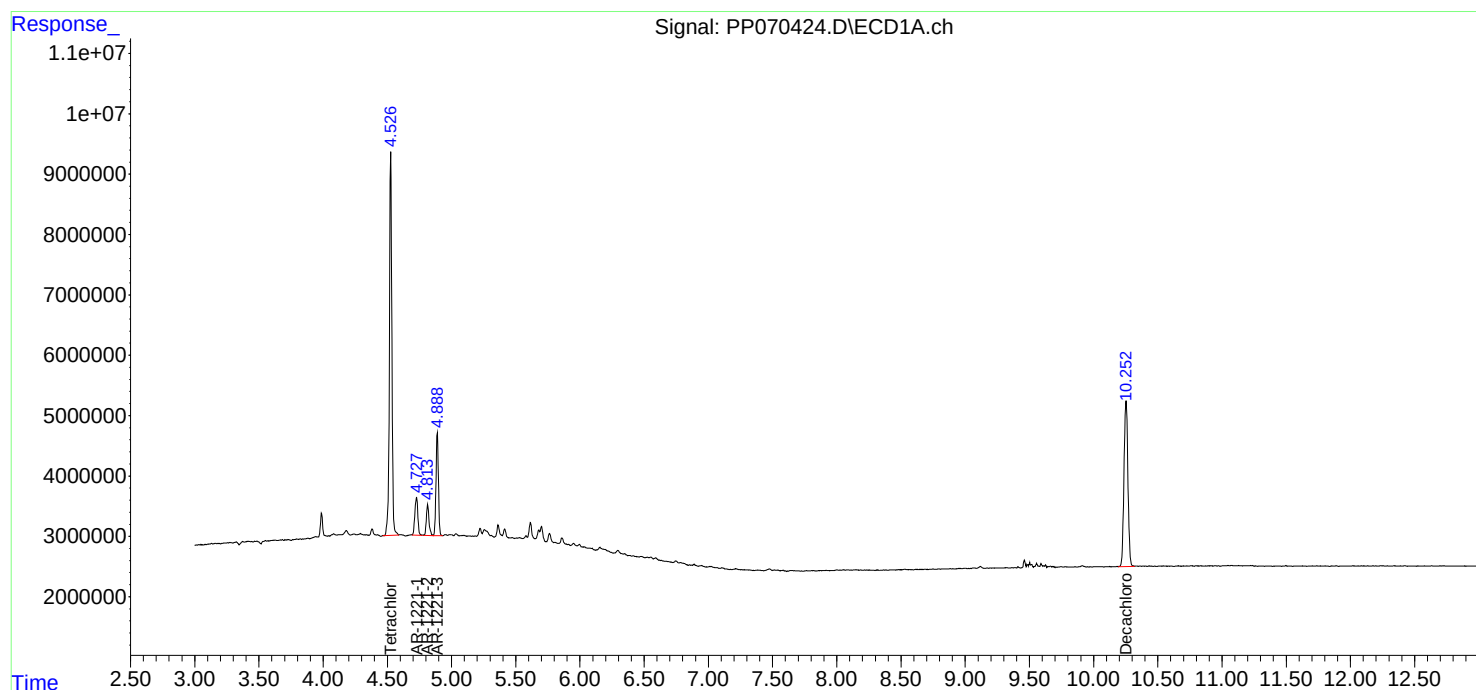
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

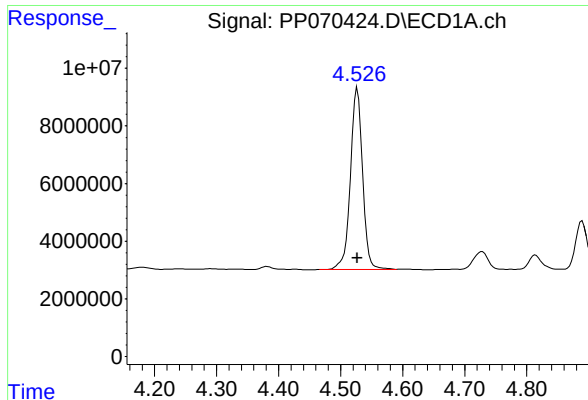
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070424.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 16:34  
Operator : YP\AJ  
Sample : AR1221ICC500  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1221ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 21:54:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 21:54:12 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

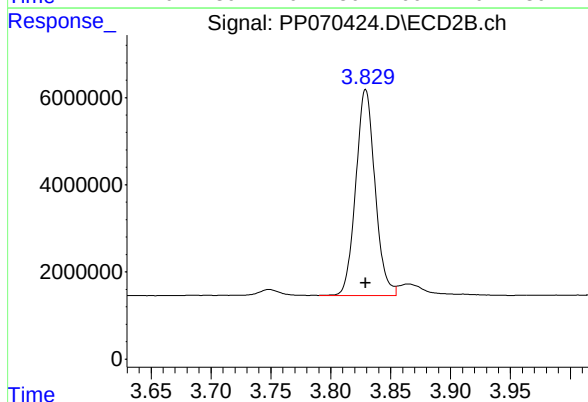




## #1 Tetrachloro-m-xylene

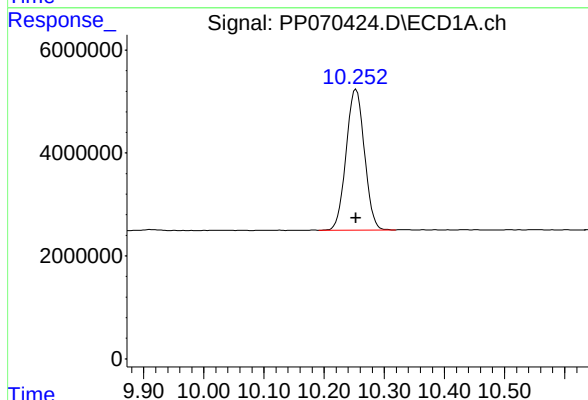
R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 85559870  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1221ICC500



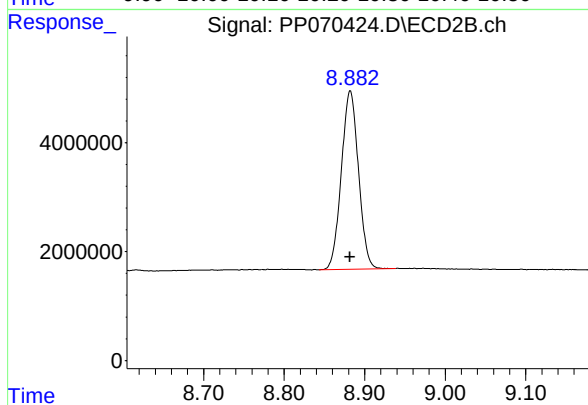
## #1 Tetrachloro-m-xylene

R.T.: 3.829 min  
Delta R.T.: 0.000 min  
Response: 52860952  
Conc: 50.00 ng/ml



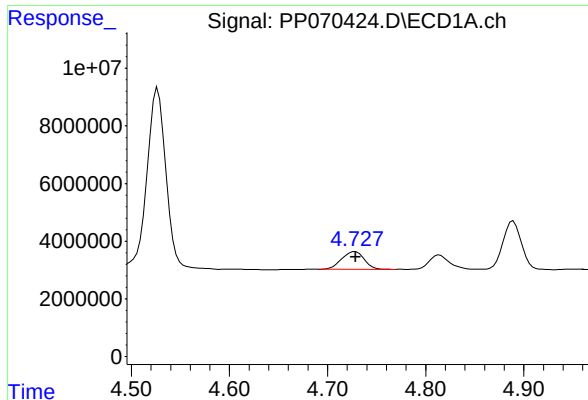
## #2 Decachlorobiphenyl

R.T.: 10.253 min  
Delta R.T.: 0.000 min  
Response: 57800559  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

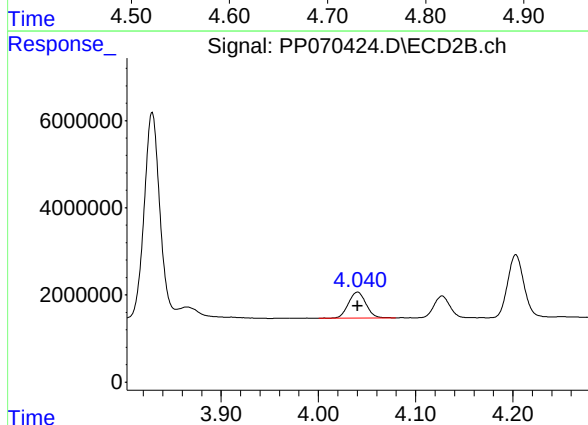
R.T.: 8.882 min  
Delta R.T.: 0.000 min  
Response: 48491420  
Conc: 50.00 ng/ml



#8 AR-1221-1

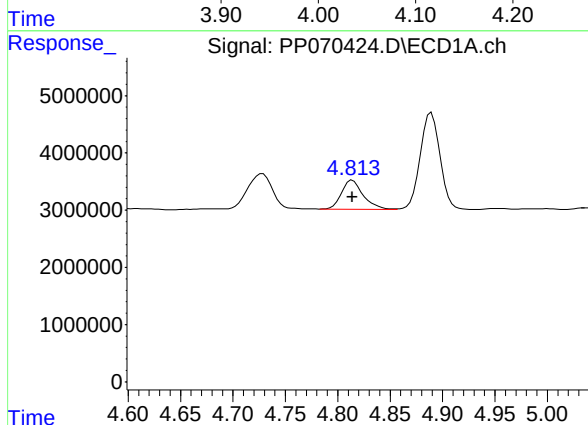
R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 9970034  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1221ICC500



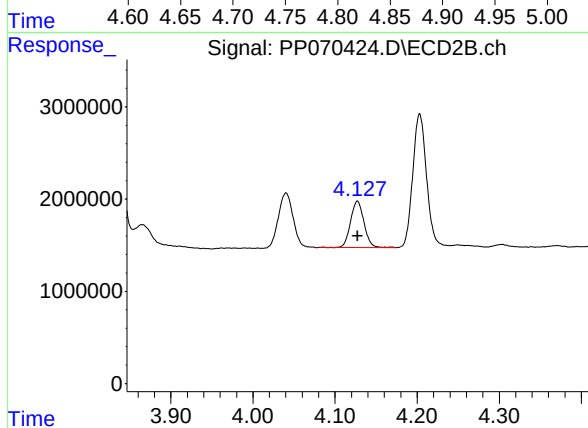
#8 AR-1221-1

R.T.: 4.040 min  
Delta R.T.: 0.000 min  
Response: 7441268  
Conc: 500.00 ng/ml



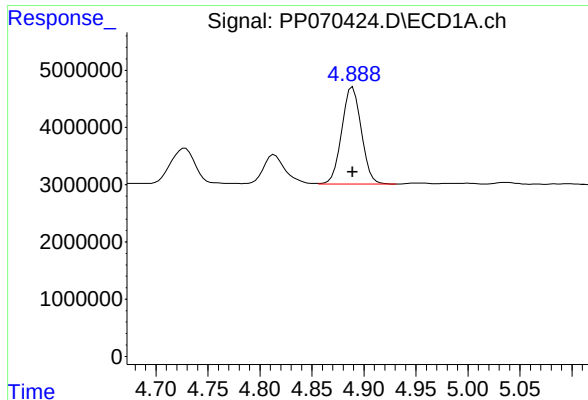
#9 AR-1221-2

R.T.: 4.814 min  
Delta R.T.: 0.000 min  
Response: 7304344  
Conc: 500.00 ng/ml



#9 AR-1221-2

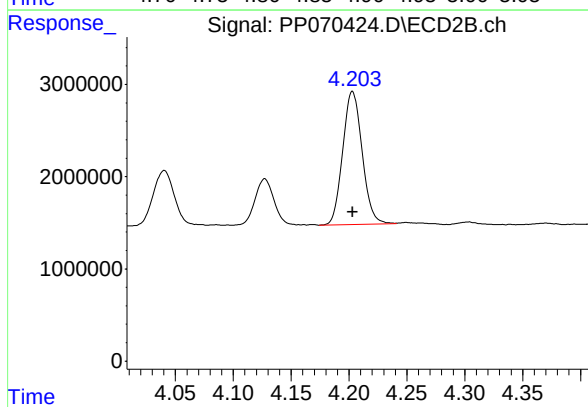
R.T.: 4.127 min  
Delta R.T.: 0.000 min  
Response: 5714551  
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.889 min  
Delta R.T.: 0.000 min  
Response: 22182343  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1221ICC500



#10 AR-1221-3

R.T.: 4.203 min  
Delta R.T.: 0.000 min  
Response: 16710871  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070425.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 16:51  
 Operator : YP\AJ  
 Sample : AR1232ICC1000  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 21:59:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 21:58:44 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...          | 4.525  | 3.828 | 150.4E6  | 98129431 | 92.351  | 95.548  |
| 2) SA Decachlor...          | 10.253 | 8.882 | 100.7E6  | 92359197 | 90.743  | 95.702  |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.887  | 4.202 | 31812517 | 23977464 | 913.736 | 926.616 |
| 12) L3 AR-1232-2            | 5.413  | 4.935 | 16331114 | 23409194 | 922.165 | 929.728 |
| 13) L3 AR-1232-3            | 5.699  | 5.112 | 33685372 | 12864968 | 894.673 | 935.420 |
| 14) L3 AR-1232-4            | 5.859  | 5.197 | 17112653 | 10909254 | 906.329 | 934.217 |
| 15) L3 AR-1232-5            | 5.949  | 5.369 | 12358074 | 12122932 | 908.882 | 928.836 |
| -----                       |        |       |          |          |         |         |

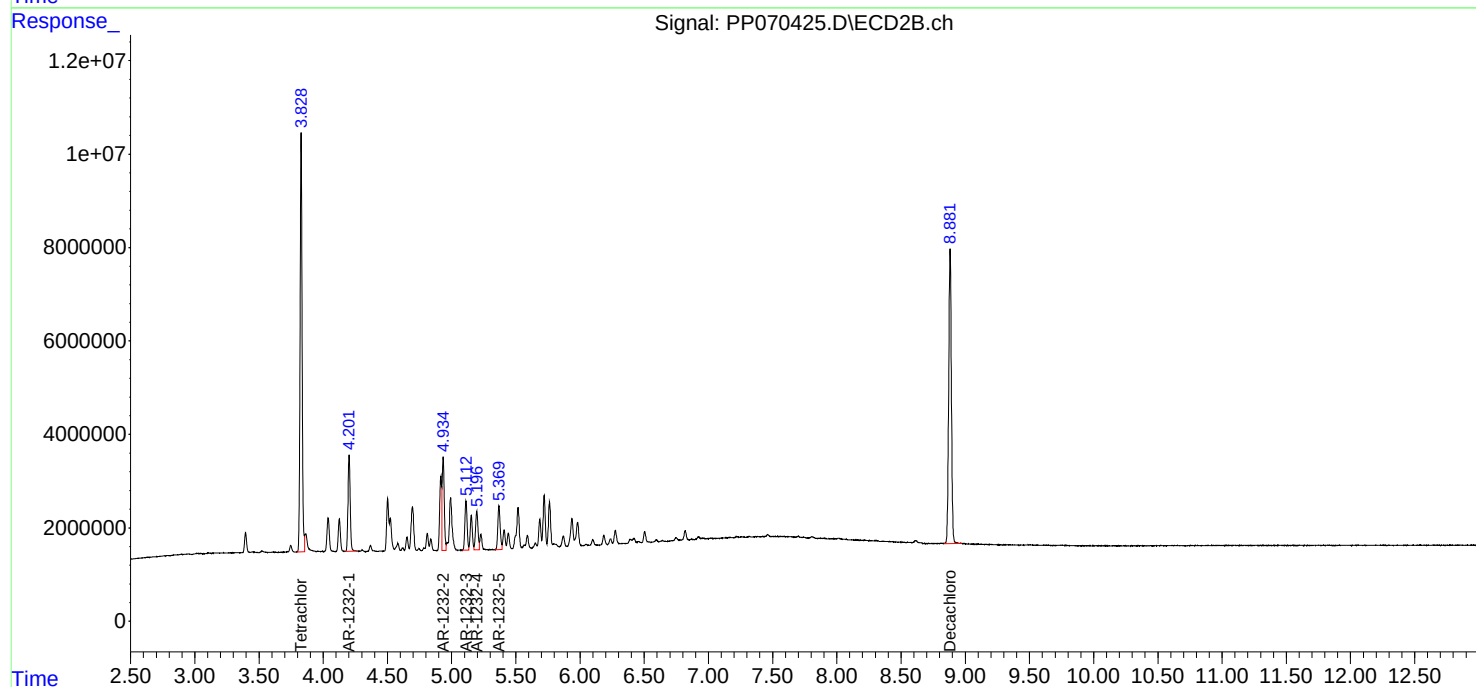
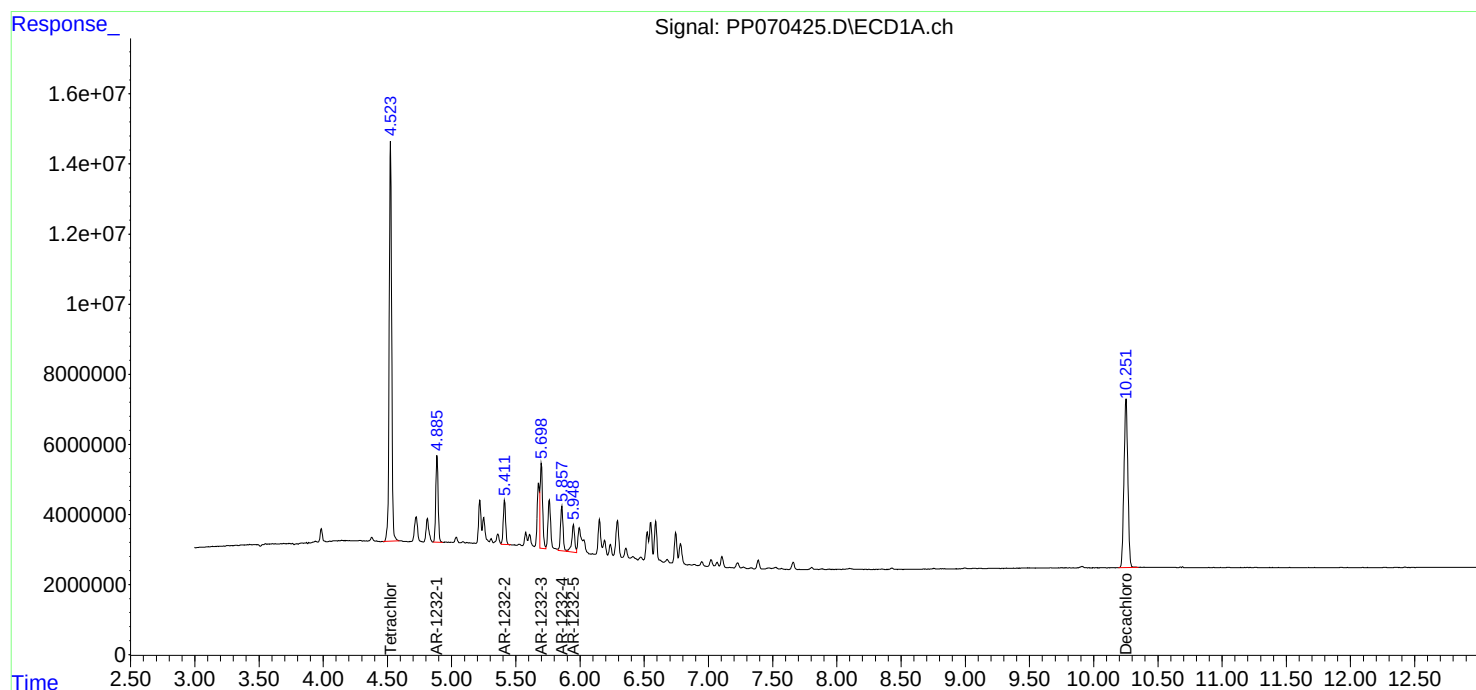
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

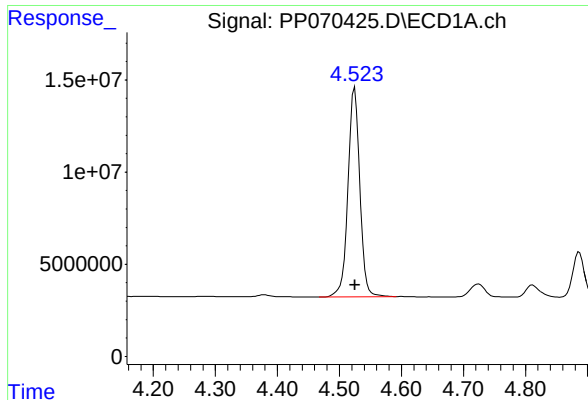
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070425.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 16:51  
Operator : YP\AJ  
Sample : AR1232ICC1000  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 21:59:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 21:58:44 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

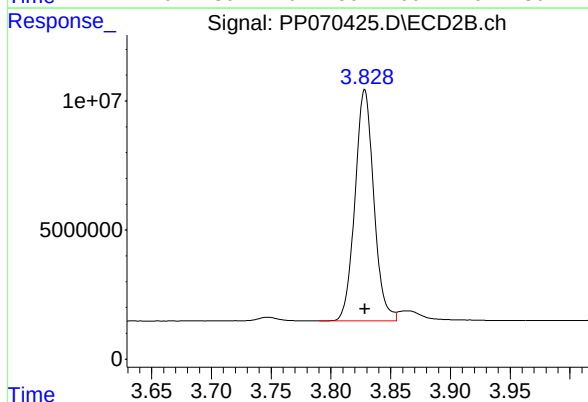




## #1 Tetrachloro-m-xylene

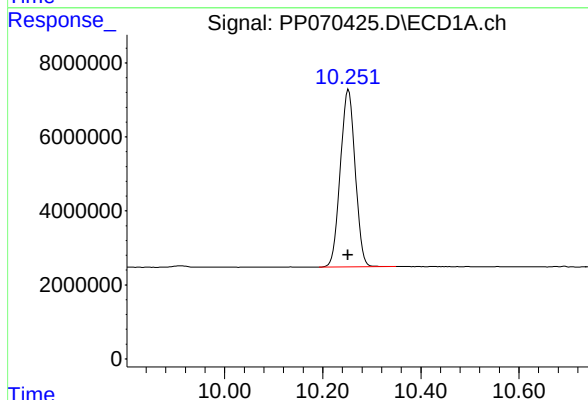
R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 150387044  
Conc: 92.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC1000



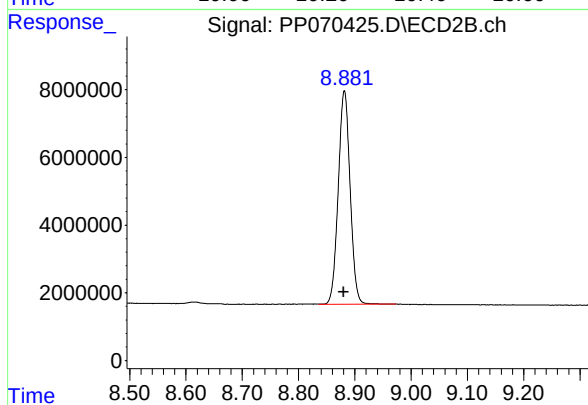
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 98129431  
Conc: 95.55 ng/ml



## #2 Decachlorobiphenyl

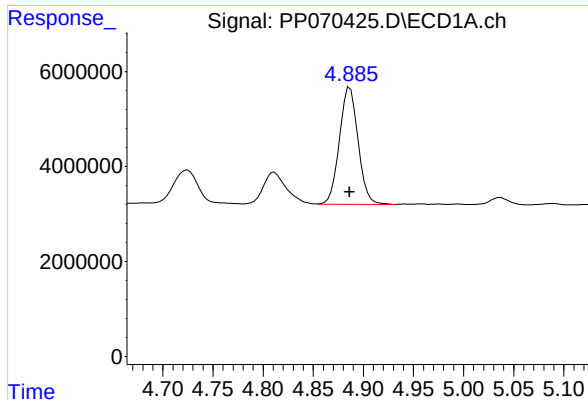
R.T.: 10.253 min  
Delta R.T.: 0.001 min  
Response: 100734664  
Conc: 90.74 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.882 min  
Delta R.T.: 0.001 min  
Response: 92359197  
Conc: 95.70 ng/ml

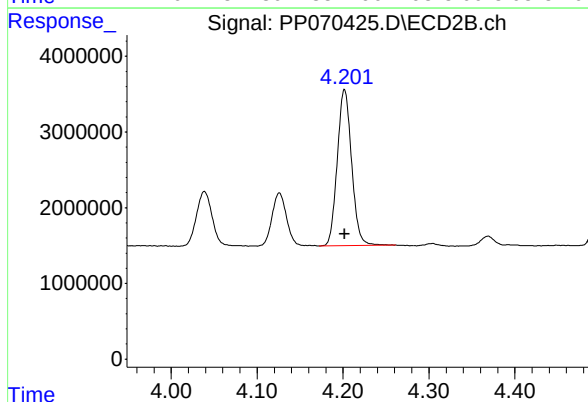




#11 AR-1232-1

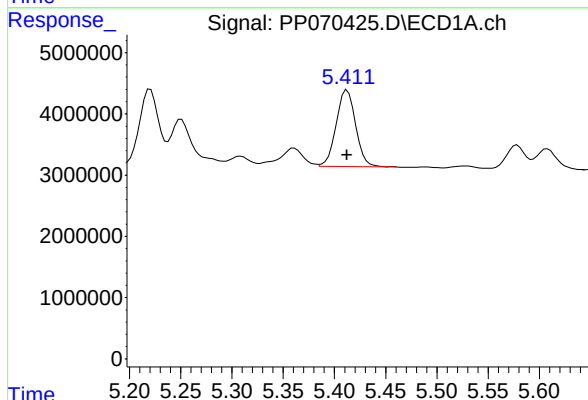
R.T.: 4.887 min  
Delta R.T.: 0.000 min  
Response: 31812517  
Conc: 913.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC1000



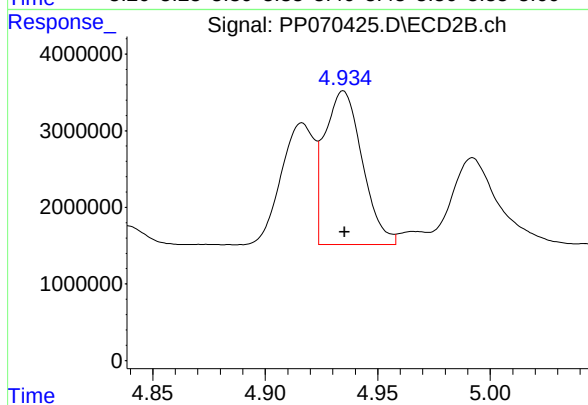
#11 AR-1232-1

R.T.: 4.202 min  
Delta R.T.: 0.000 min  
Response: 23977464  
Conc: 926.62 ng/ml



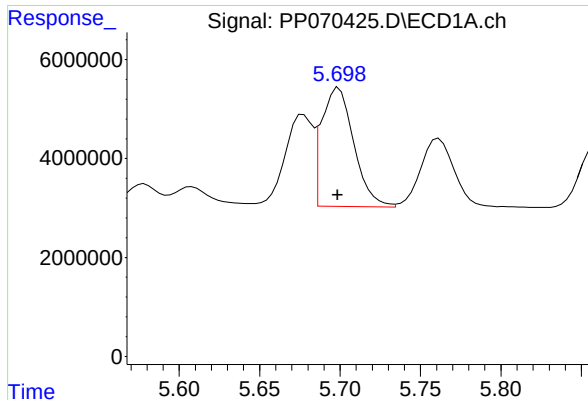
#12 AR-1232-2

R.T.: 5.413 min  
Delta R.T.: 0.000 min  
Response: 16331114  
Conc: 922.17 ng/ml



#12 AR-1232-2

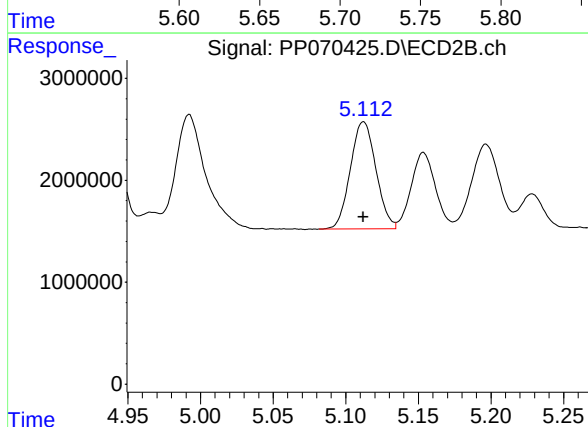
R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 23409194  
Conc: 929.73 ng/ml



#13 AR-1232-3

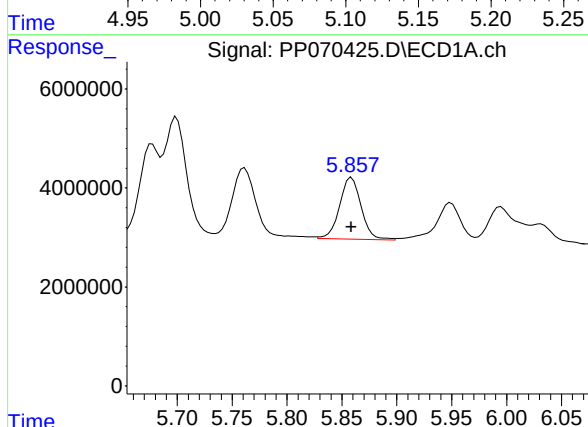
R.T.: 5.699 min  
Delta R.T.: 0.000 min  
Response: 33685372  
Conc: 894.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC1000



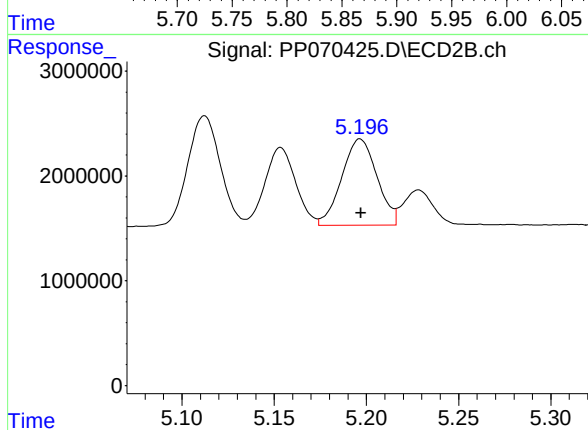
#13 AR-1232-3

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 12864968  
Conc: 935.42 ng/ml



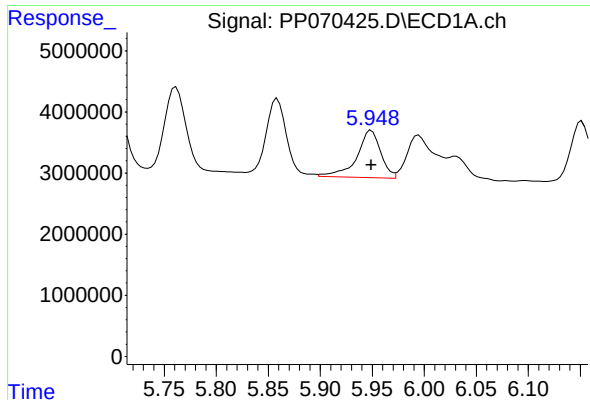
#14 AR-1232-4

R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 17112653  
Conc: 906.33 ng/ml



#14 AR-1232-4

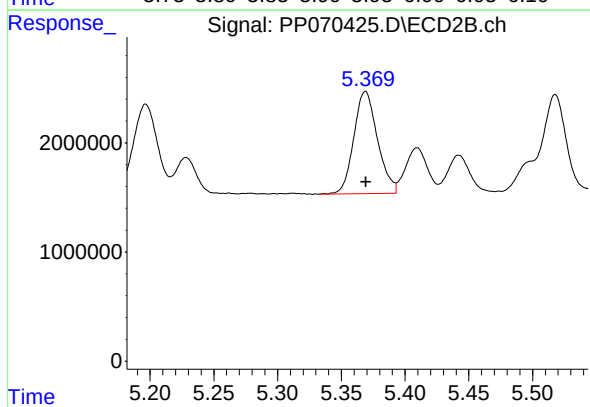
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 10909254  
Conc: 934.22 ng/ml



#15 AR-1232-5

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 12358074  
Conc: 908.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC1000



#15 AR-1232-5

R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 12122932  
Conc: 928.84 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070426.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 17:07  
 Operator : YP\AJ  
 Sample : AR1232ICC750  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 21:59:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 21:58:44 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...          | 4.525  | 3.829 | 119.1E6  | 76777406 | 73.123  | 74.758  |
| 2) SA Decachlor...          | 10.252 | 8.882 | 79622540 | 70086455 | 71.725  | 72.623  |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.887  | 4.203 | 25057001 | 18782891 | 719.701 | 725.871 |
| 12) L3 AR-1232-2            | 5.413  | 4.936 | 13025946 | 18111440 | 735.533 | 719.320 |
| 13) L3 AR-1232-3            | 5.699  | 5.113 | 26404840 | 9838434  | 701.304 | 715.359 |
| 14) L3 AR-1232-4            | 5.859  | 5.198 | 13655959 | 8320666  | 723.254 | 712.542 |
| 15) L3 AR-1232-5            | 5.949  | 5.370 | 9764505  | 9497409  | 718.137 | 727.673 |
| -----                       |        |       |          |          |         |         |

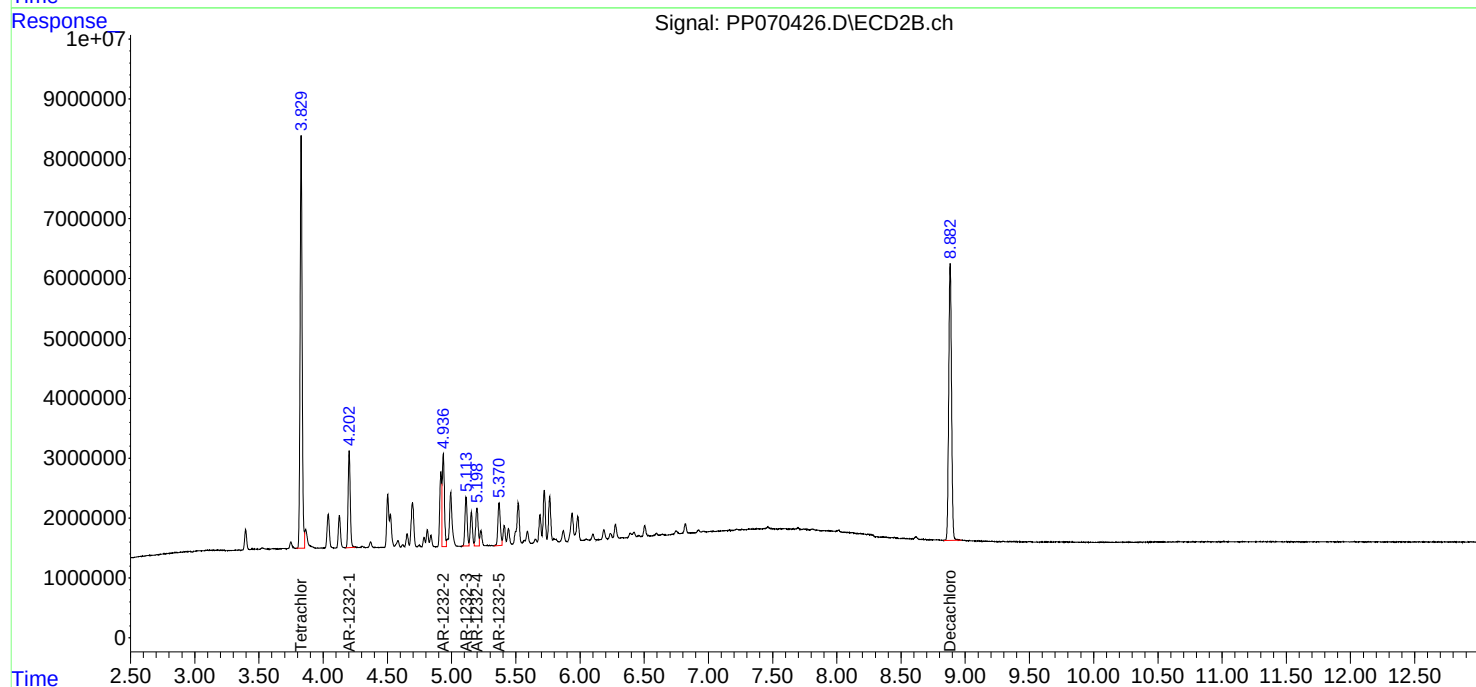
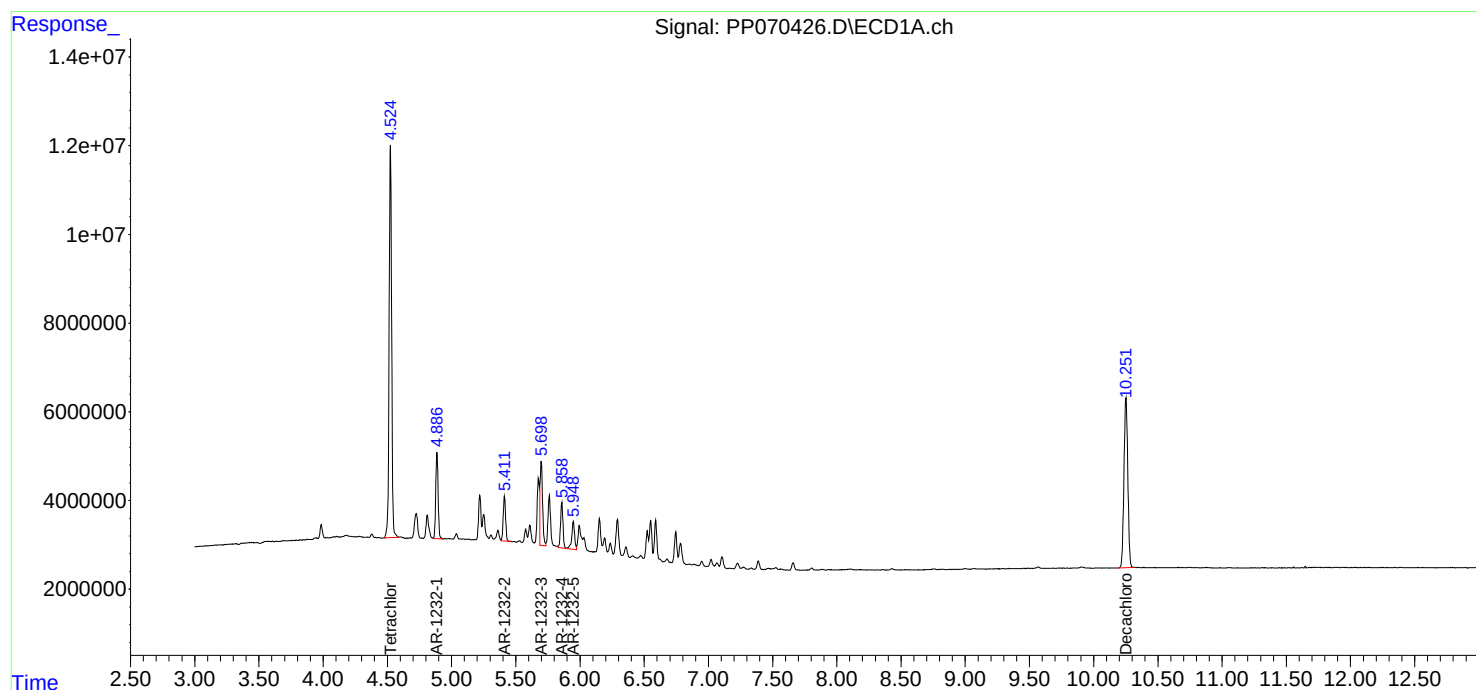
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

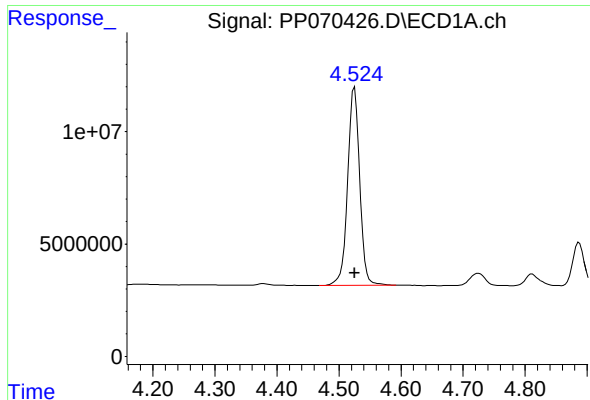
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070426.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 17:07  
Operator : YP\AJ  
Sample : AR1232ICC750  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 21:59:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 21:58:44 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

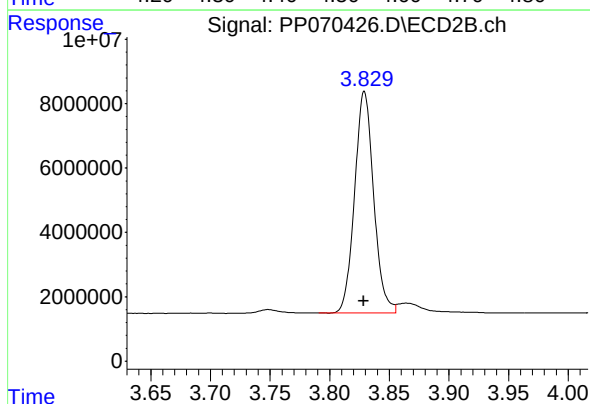




## #1 Tetrachloro-m-xylene

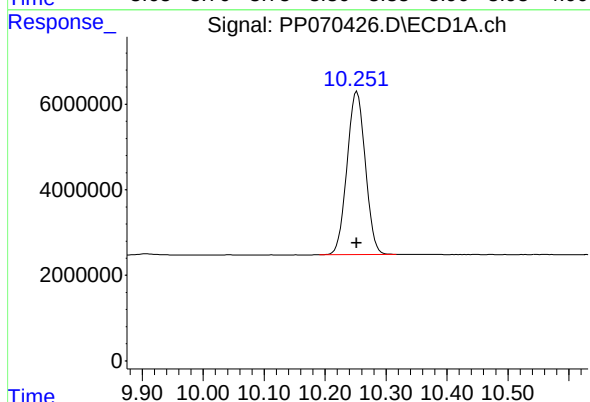
R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 119075512  
Conc: 73.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC750



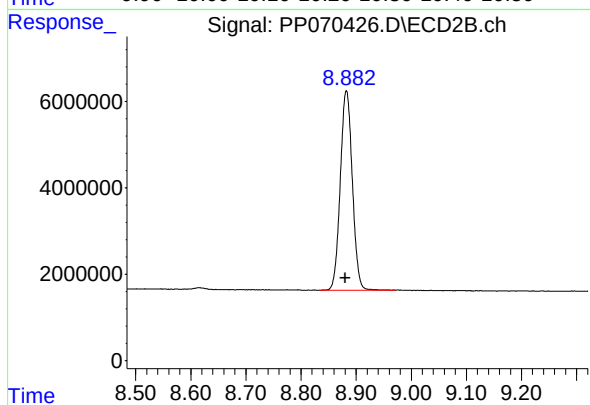
## #1 Tetrachloro-m-xylene

R.T.: 3.829 min  
Delta R.T.: 0.000 min  
Response: 76777406  
Conc: 74.76 ng/ml



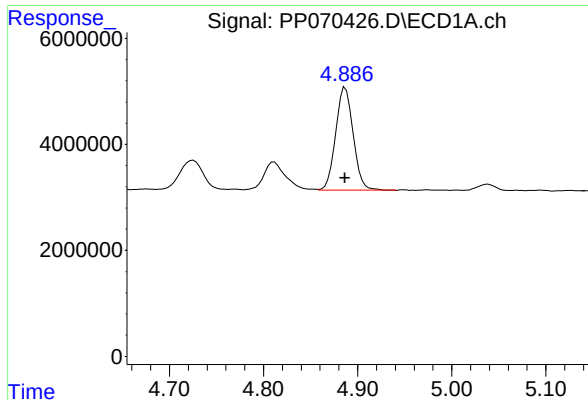
## #2 Decachlorobiphenyl

R.T.: 10.252 min  
Delta R.T.: 0.000 min  
Response: 79622540  
Conc: 71.72 ng/ml



## #2 Decachlorobiphenyl

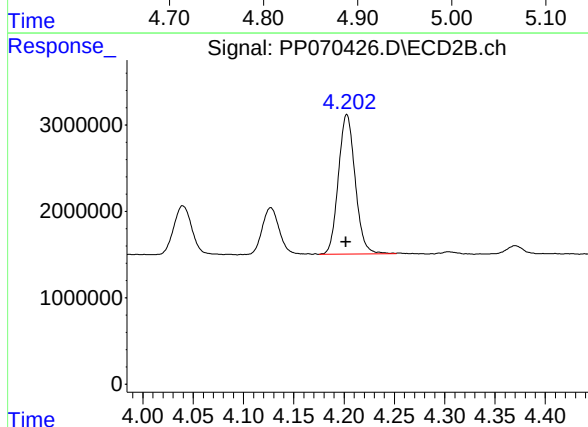
R.T.: 8.882 min  
Delta R.T.: 0.002 min  
Response: 70086455  
Conc: 72.62 ng/ml



#11 AR-1232-1

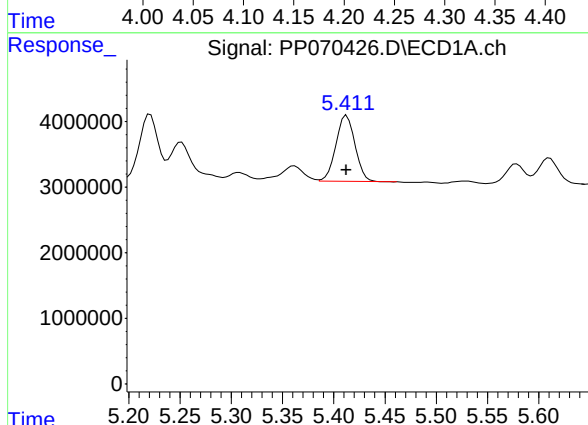
R.T.: 4.887 min  
Delta R.T.: 0.000 min  
Response: 25057001  
Conc: 719.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC750



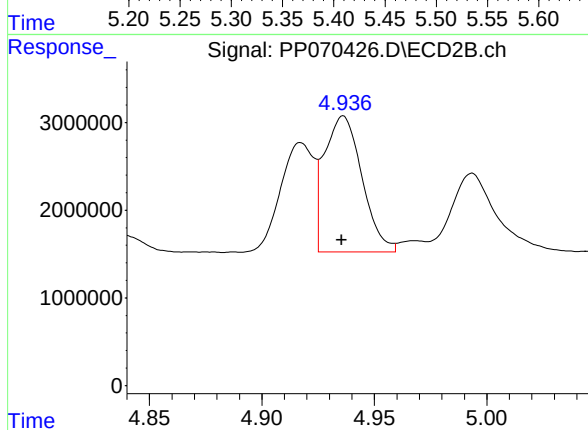
#11 AR-1232-1

R.T.: 4.203 min  
Delta R.T.: 0.000 min  
Response: 18782891  
Conc: 725.87 ng/ml



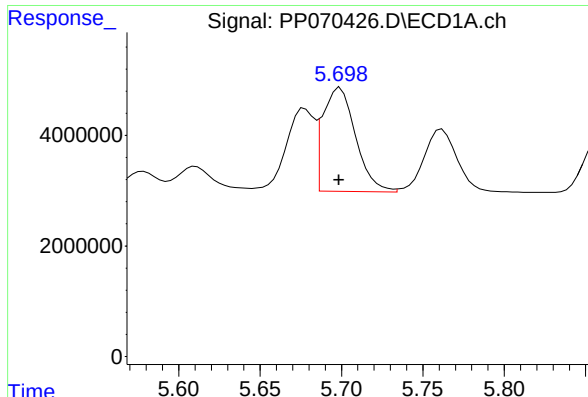
#12 AR-1232-2

R.T.: 5.413 min  
Delta R.T.: 0.000 min  
Response: 13025946  
Conc: 735.53 ng/ml



#12 AR-1232-2

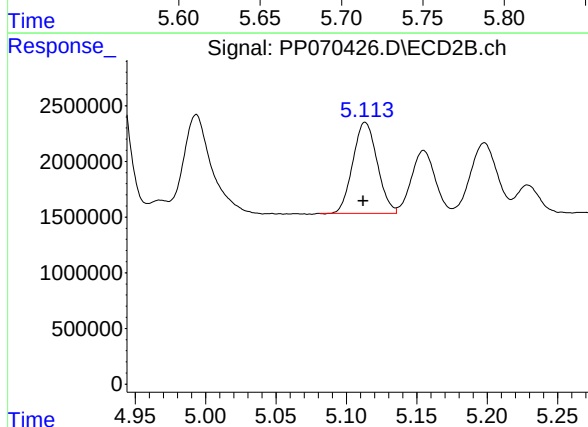
R.T.: 4.936 min  
Delta R.T.: 0.000 min  
Response: 18111440  
Conc: 719.32 ng/ml



#13 AR-1232-3

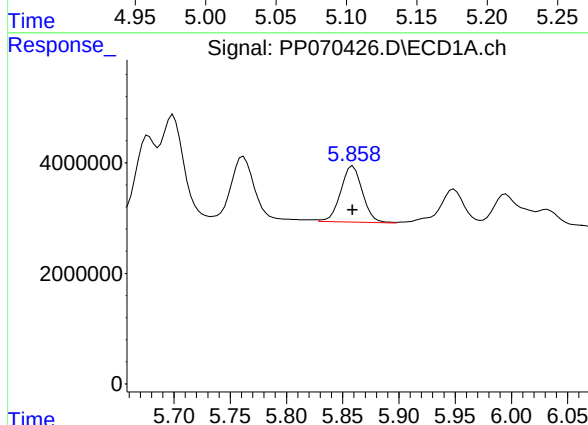
R.T.: 5.699 min  
Delta R.T.: 0.000 min  
Response: 26404840  
Conc: 701.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC750



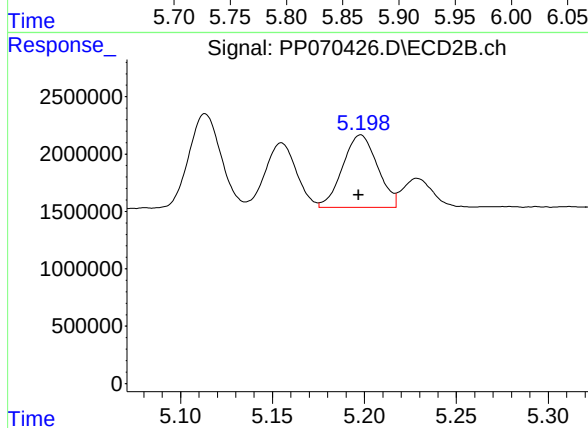
#13 AR-1232-3

R.T.: 5.113 min  
Delta R.T.: 0.001 min  
Response: 9838434  
Conc: 715.36 ng/ml



#14 AR-1232-4

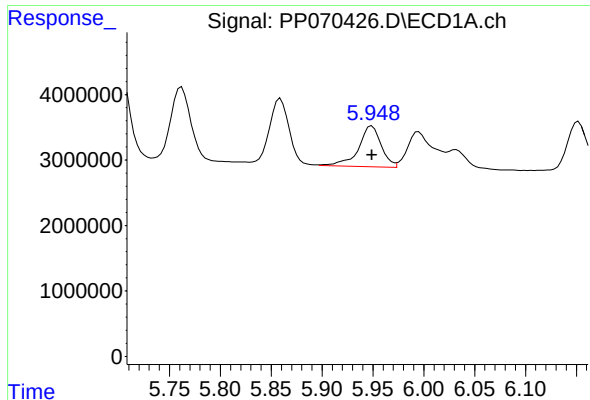
R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 13655959  
Conc: 723.25 ng/ml



#14 AR-1232-4

R.T.: 5.198 min  
Delta R.T.: 0.001 min  
Response: 8320666  
Conc: 712.54 ng/ml

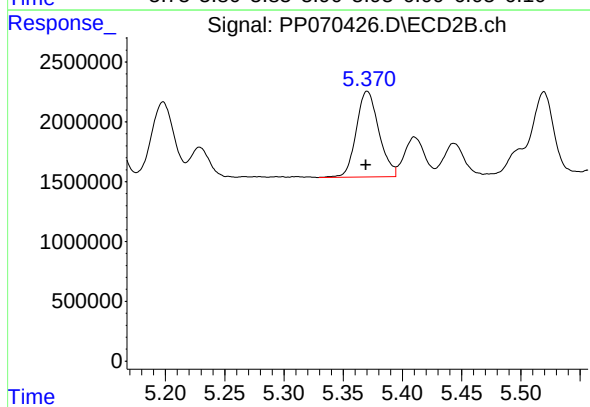




#15 AR-1232-5

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 9764505  
Conc: 718.14 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC750



#15 AR-1232-5

R.T.: 5.370 min  
Delta R.T.: 0.000 min  
Response: 9497409  
Conc: 727.67 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070427.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 17:23  
 Operator : YP\AJ  
 Sample : AR1232ICC500  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:00:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 21:58:44 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...          | 4.525  | 3.828 | 81421627 | 51350702 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.252 | 8.880 | 55505634 | 48253472 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.887  | 4.202 | 17407935 | 12938181 | 500.000 | 500.000 |
| 12) L3 AR-1232-2            | 5.412  | 4.935 | 8854766  | 12589270 | 500.000 | 500.000 |
| 13) L3 AR-1232-3            | 5.698  | 5.112 | 18825530 | 6876575  | 500.000 | 500.000 |
| 14) L3 AR-1232-4            | 5.859  | 5.197 | 9440644  | 5838717  | 500.000 | 500.000 |
| 15) L3 AR-1232-5            | 5.949  | 5.369 | 6798499  | 6525873  | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

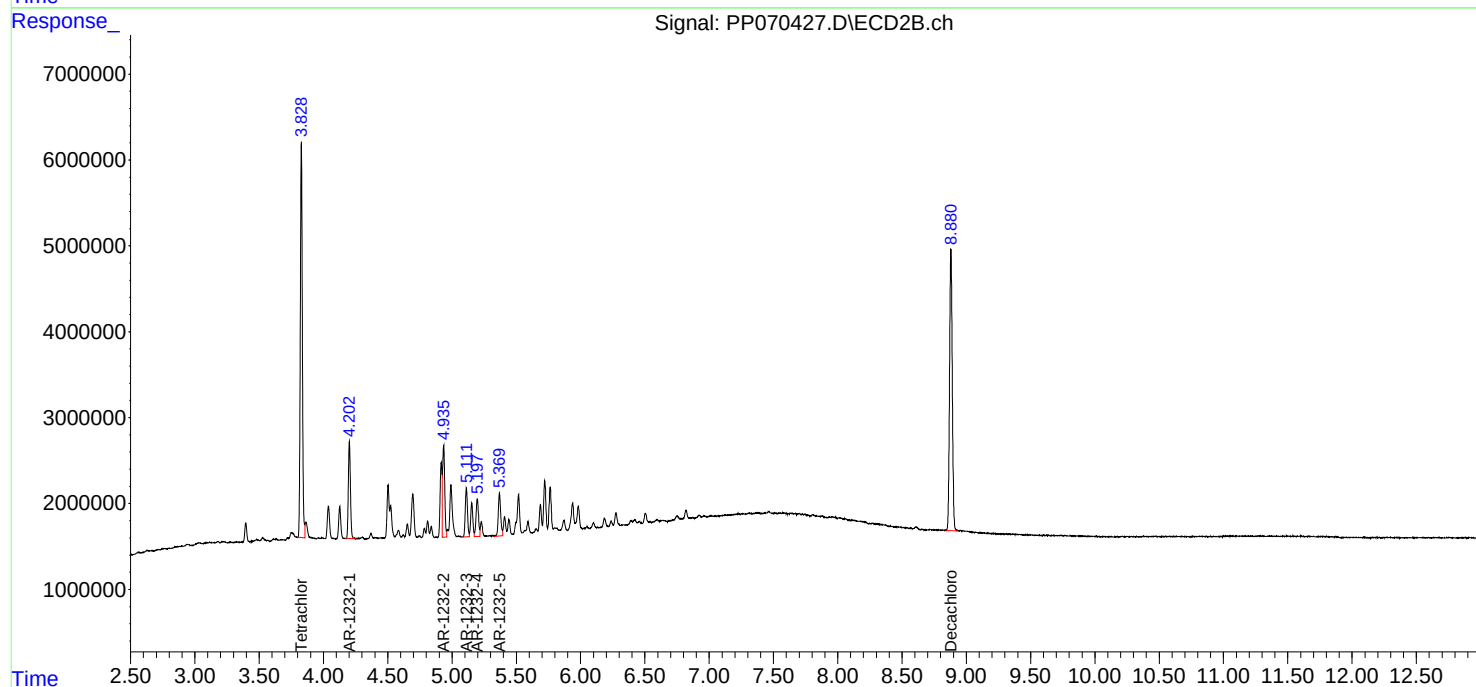
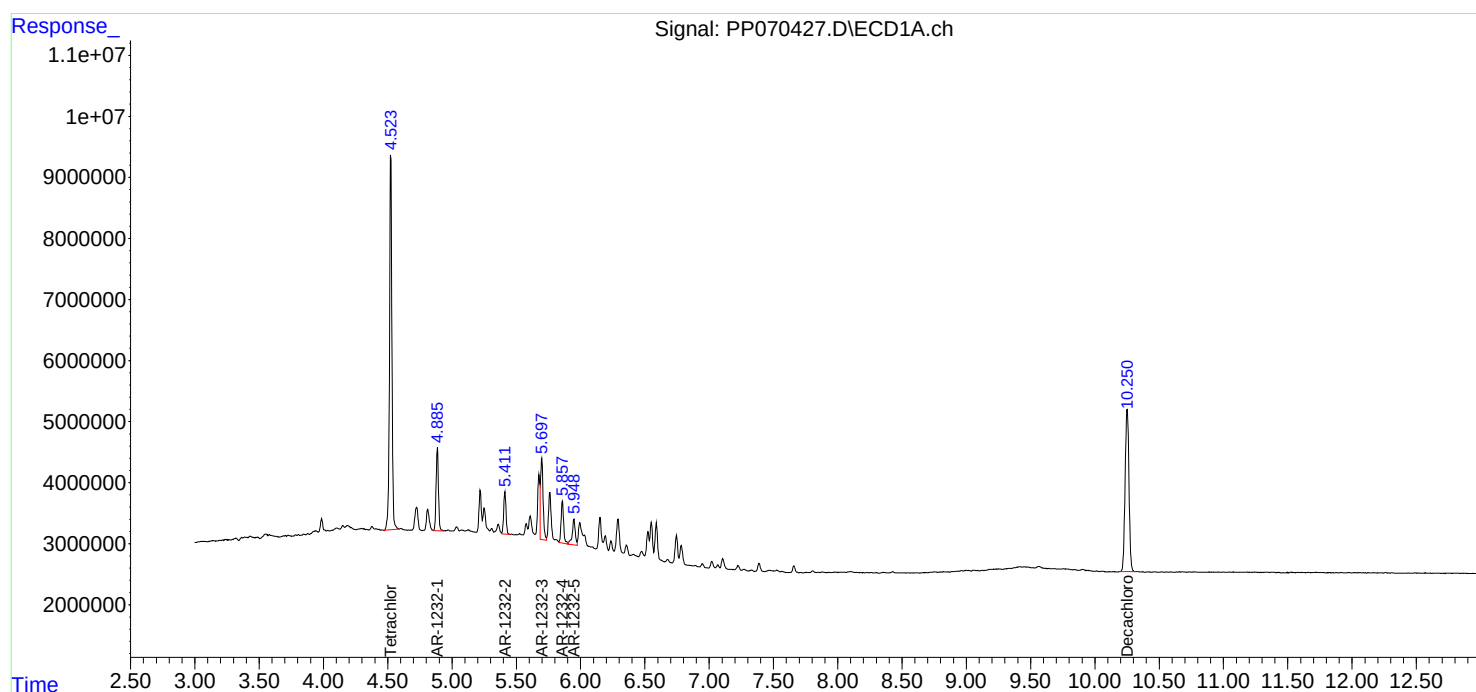
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

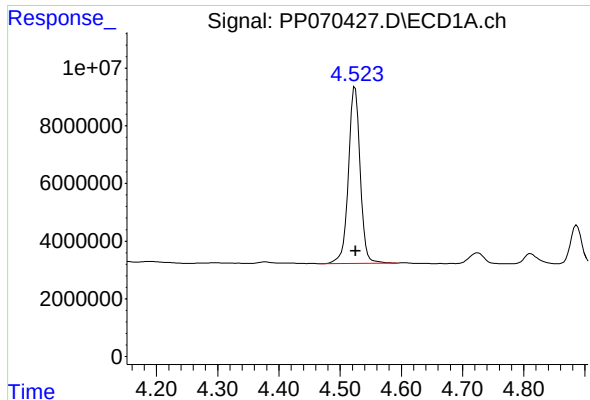
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070427.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 17:23  
Operator : YP\AJ  
Sample : AR1232ICC500  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:00:05 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 21:58:44 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

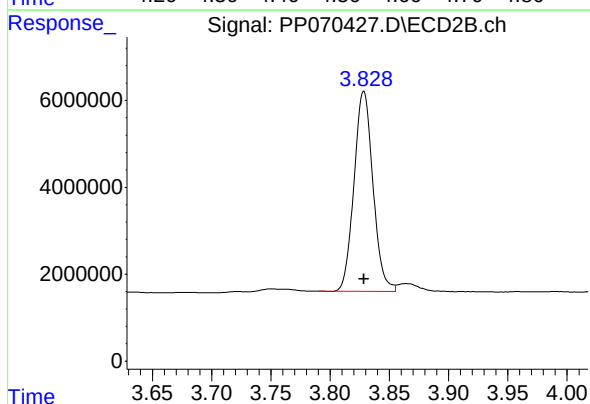




## #1 Tetrachloro-m-xylene

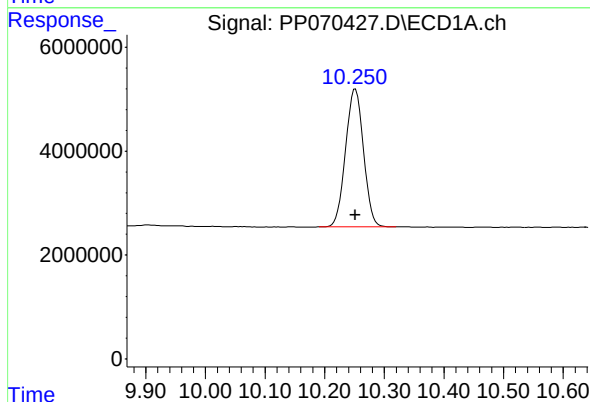
R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 81421627  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC500



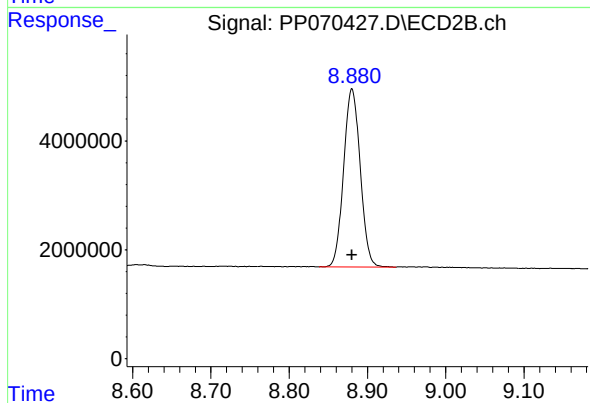
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 51350702  
Conc: 50.00 ng/ml



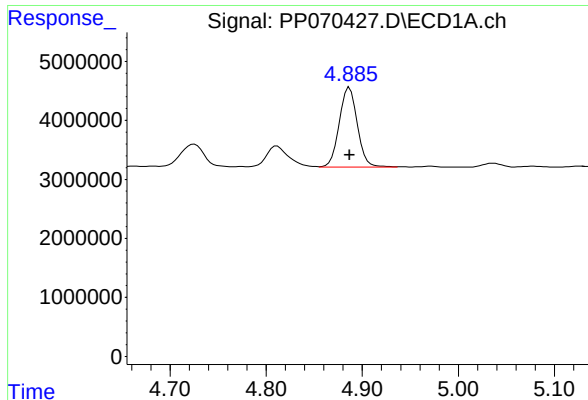
## #2 Decachlorobiphenyl

R.T.: 10.252 min  
Delta R.T.: 0.000 min  
Response: 55505634  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

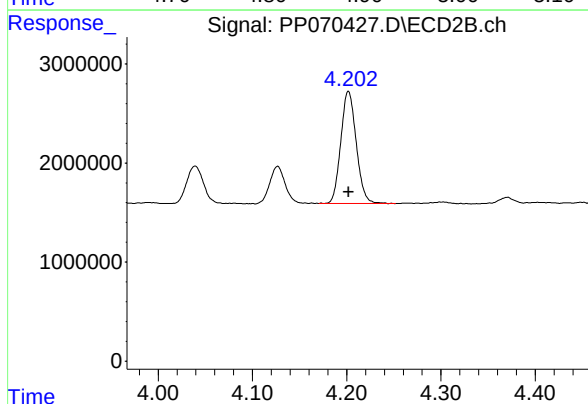
R.T.: 8.880 min  
Delta R.T.: 0.000 min  
Response: 48253472  
Conc: 50.00 ng/ml



#11 AR-1232-1

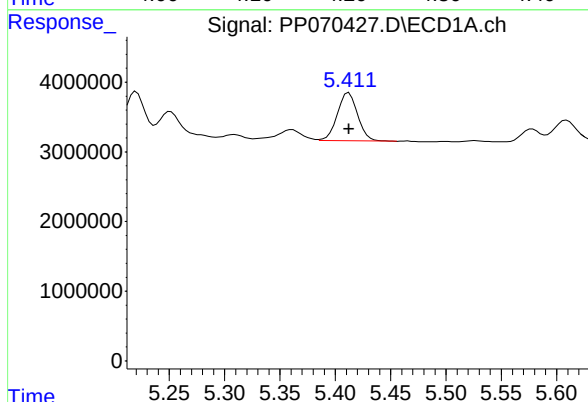
R.T.: 4.887 min  
Delta R.T.: 0.000 min  
Response: 17407935  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC500



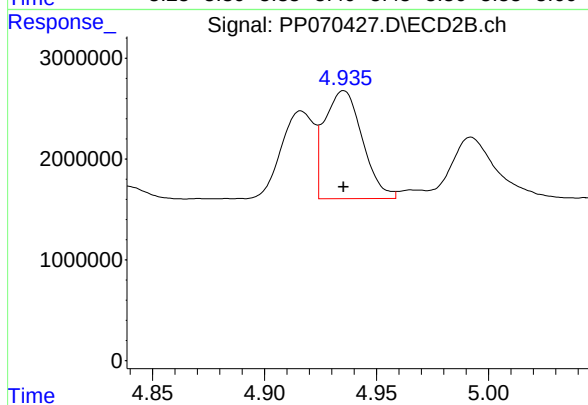
#11 AR-1232-1

R.T.: 4.202 min  
Delta R.T.: 0.000 min  
Response: 12938181  
Conc: 500.00 ng/ml



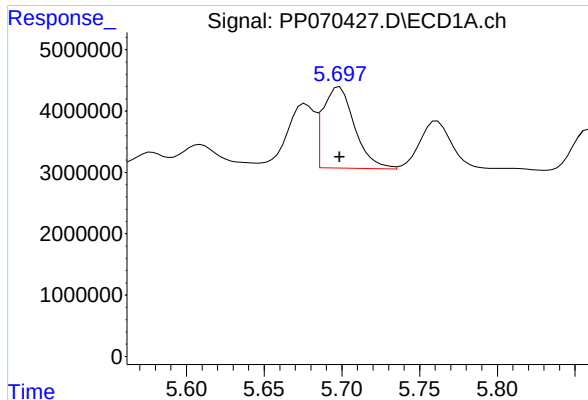
#12 AR-1232-2

R.T.: 5.412 min  
Delta R.T.: 0.000 min  
Response: 8854766  
Conc: 500.00 ng/ml



#12 AR-1232-2

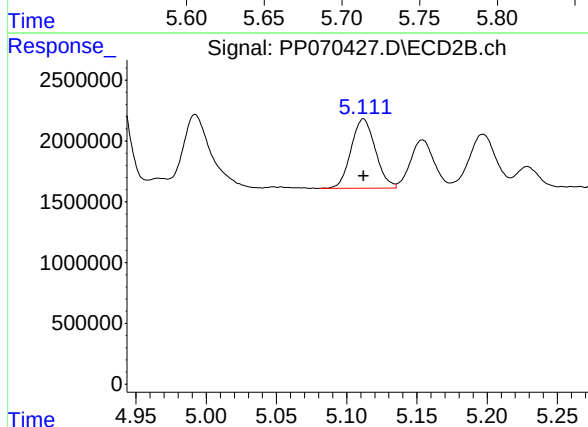
R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 12589270  
Conc: 500.00 ng/ml



#13 AR-1232-3

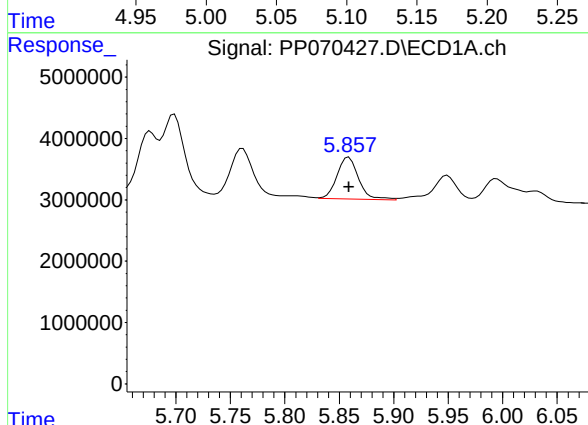
R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 18825530  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC500



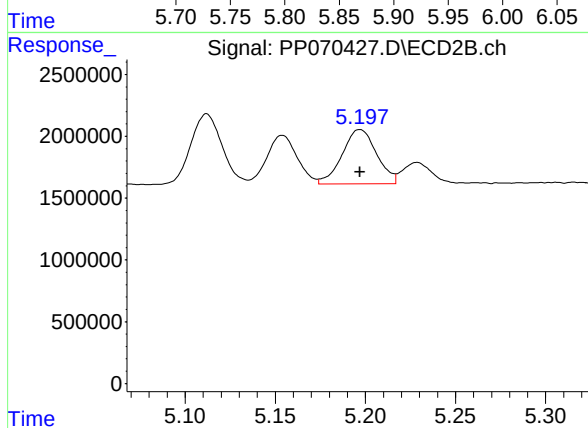
#13 AR-1232-3

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 6876575  
Conc: 500.00 ng/ml



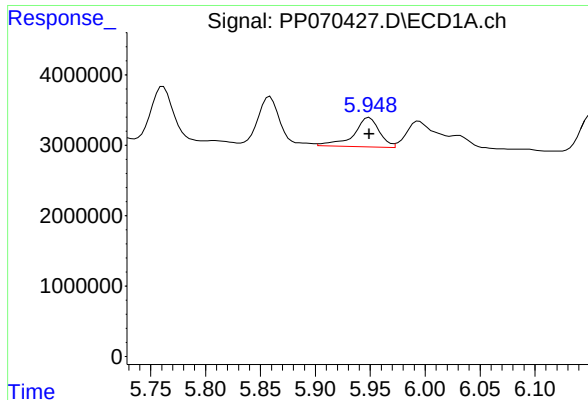
#14 AR-1232-4

R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 9440644  
Conc: 500.00 ng/ml



#14 AR-1232-4

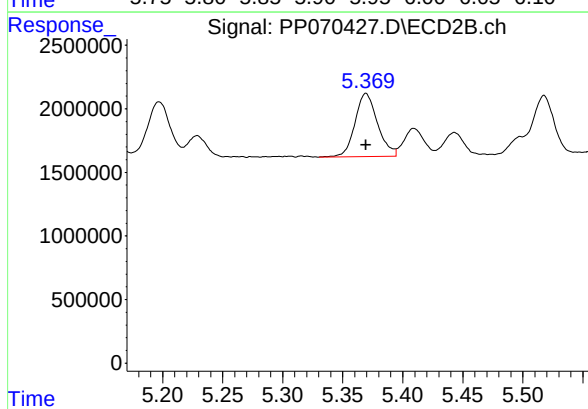
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 5838717  
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 6798499  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC500



#15 AR-1232-5

R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 6525873  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070428.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 17:40  
 Operator : YP\AJ  
 Sample : AR1232ICC250  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC250

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:00:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 21:58:44 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...          | 4.526  | 3.829 | 42110947 | 27566531 | 25.860   | 26.841  |
| 2) SA Decachlor...          | 10.254 | 8.881 | 28765211 | 28286345 | 25.912   | 29.310  |
|                             |        |       |          |          |          |         |
| Target Compounds            |        |       |          |          |          |         |
| 11) L3 AR-1232-1            | 4.888  | 4.202 | 9518147  | 7054654  | 273.385  | 272.629 |
| 12) L3 AR-1232-2            | 5.414  | 4.935 | 4323493  | 6922424  | 244.134  | 274.933 |
| 13) L3 AR-1232-3            | 5.700  | 5.112 | 9794735  | 3580147  | 260.145  | 260.315 |
| 14) L3 AR-1232-4            | 5.861  | 5.196 | 5144985  | 3082888  | 272.491  | 264.004 |
| 15) L3 AR-1232-5            | 5.949  | 5.369 | 2924140  | 3384658  | 215.058m | 259.326 |
| -----                       |        |       |          |          |          |         |

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070428.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 17:40  
Operator : YP\AJ  
Sample : AR1232ICC250  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

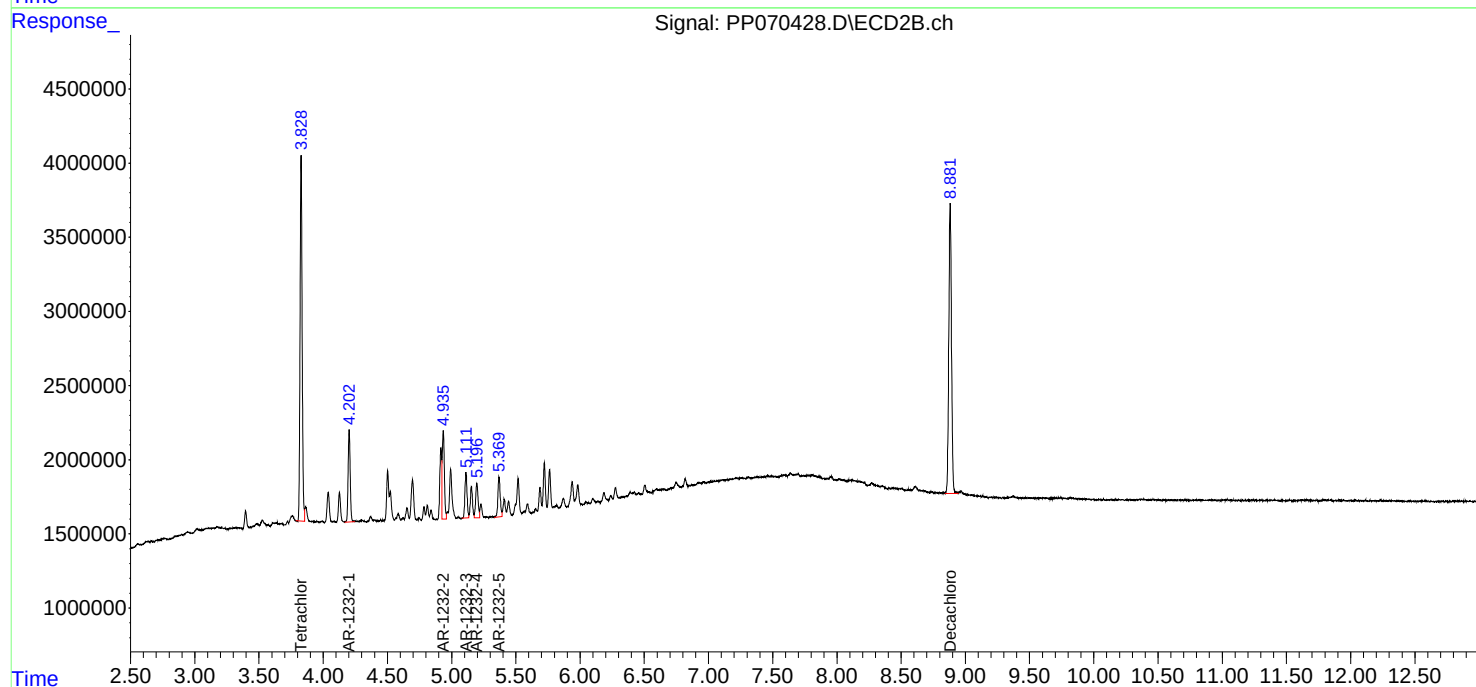
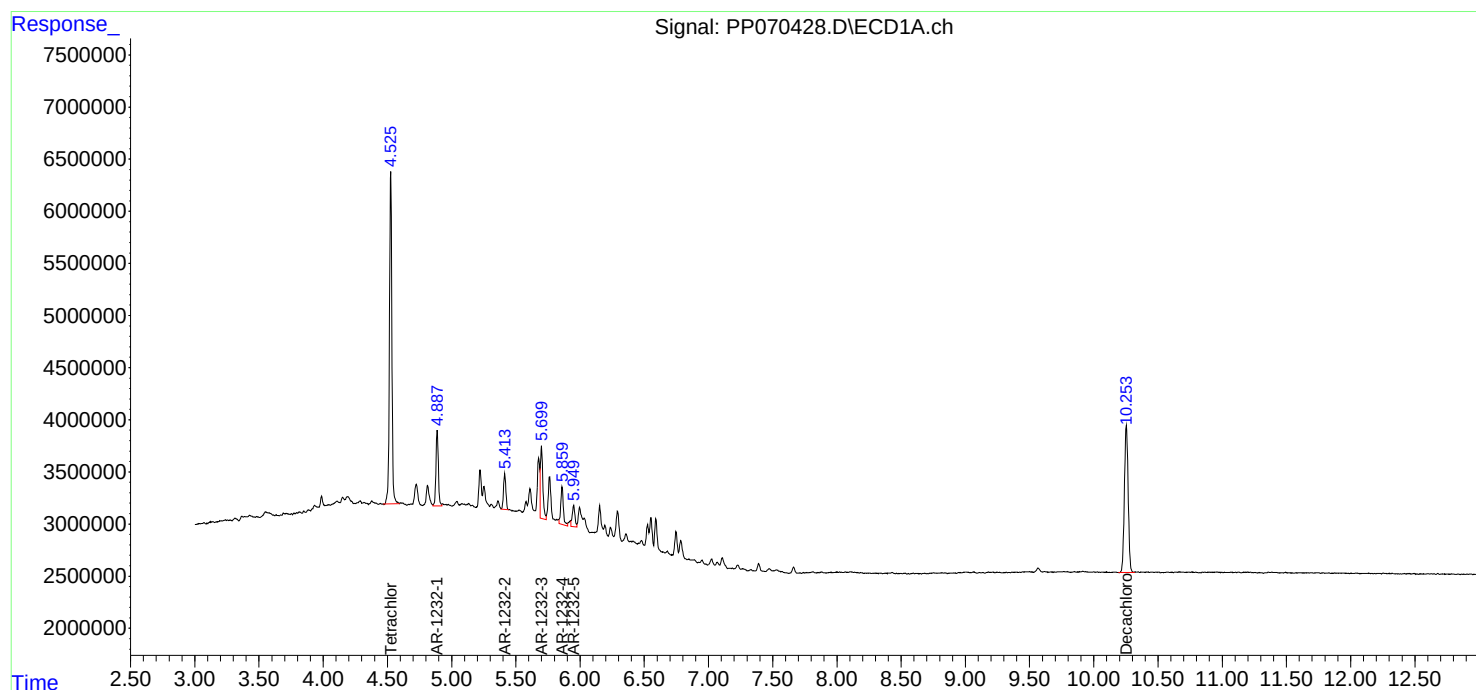
Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC250

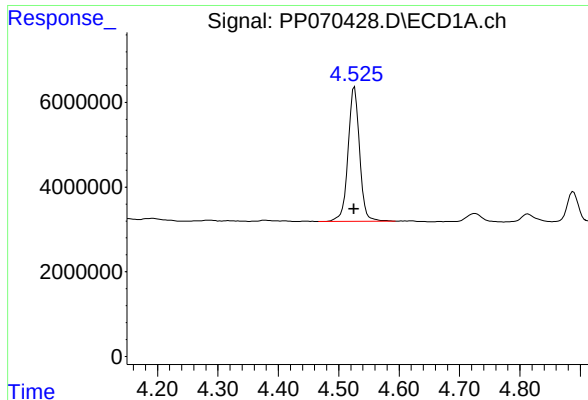
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:00:16 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 21:58:44 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





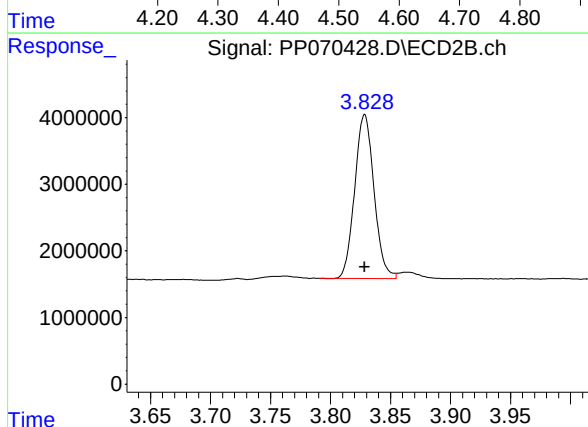
## #1 Tetrachloro-m-xylene

R.T.: 4.526 min  
Delta R.T.: 0.001 min  
Response: 42110947  
Conc: 25.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC250

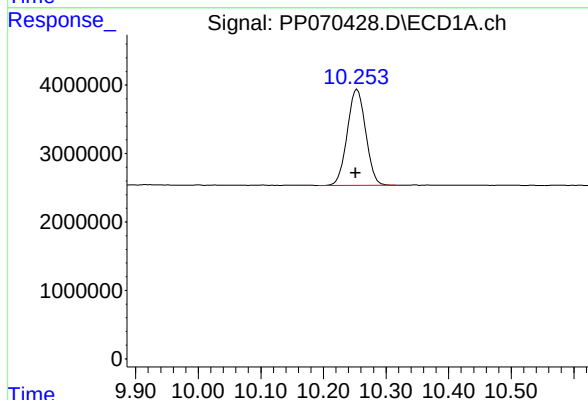
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



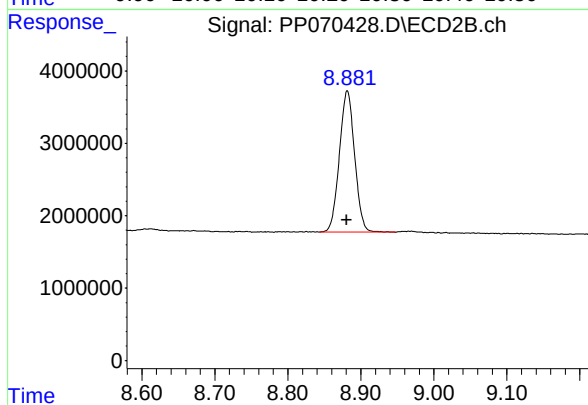
## #1 Tetrachloro-m-xylene

R.T.: 3.829 min  
Delta R.T.: 0.000 min  
Response: 27566531  
Conc: 26.84 ng/ml



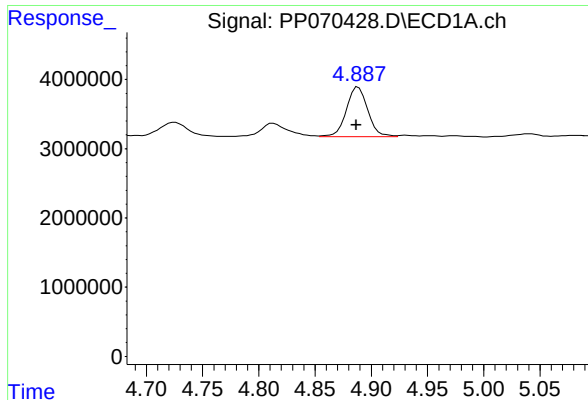
## #2 Decachlorobiphenyl

R.T.: 10.254 min  
Delta R.T.: 0.002 min  
Response: 28765211  
Conc: 25.91 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.881 min  
Delta R.T.: 0.001 min  
Response: 28286345  
Conc: 29.31 ng/ml



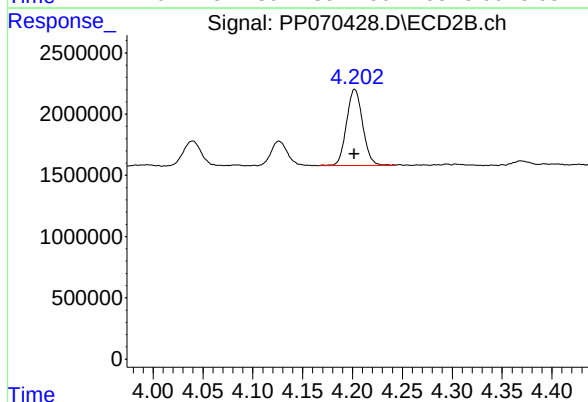
#11 AR-1232-1

R.T.: 4.888 min  
Delta R.T.: 0.002 min  
Response: 9518147  
Conc: 273.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC250

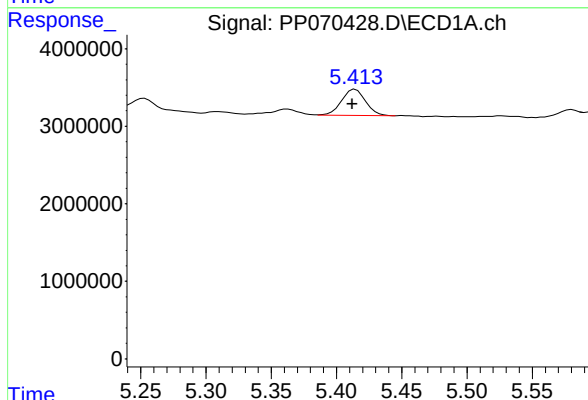
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



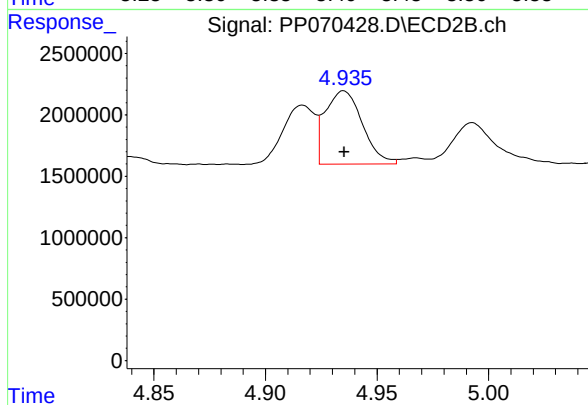
#11 AR-1232-1

R.T.: 4.202 min  
Delta R.T.: 0.000 min  
Response: 7054654  
Conc: 272.63 ng/ml



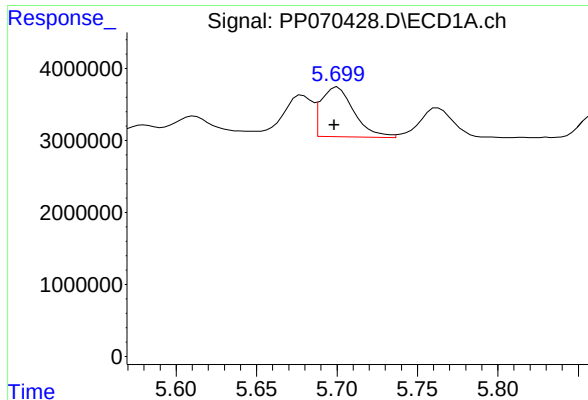
#12 AR-1232-2

R.T.: 5.414 min  
Delta R.T.: 0.002 min  
Response: 4323493  
Conc: 244.13 ng/ml



#12 AR-1232-2

R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 6922424  
Conc: 274.93 ng/ml



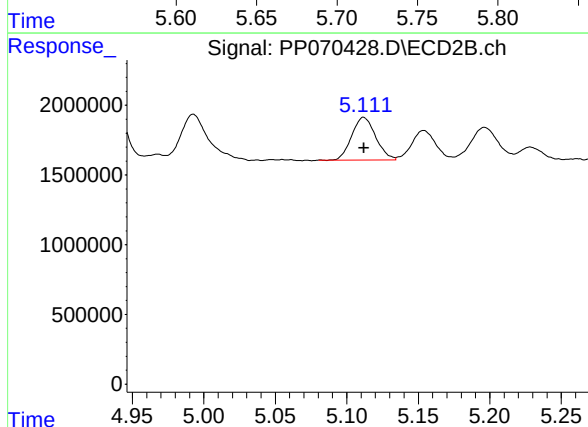
#13 AR-1232-3

R.T.: 5.700 min  
Delta R.T.: 0.002 min  
Response: 9794735  
Conc: 260.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC250

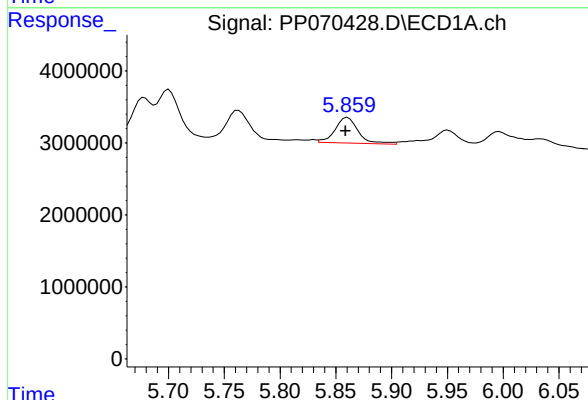
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



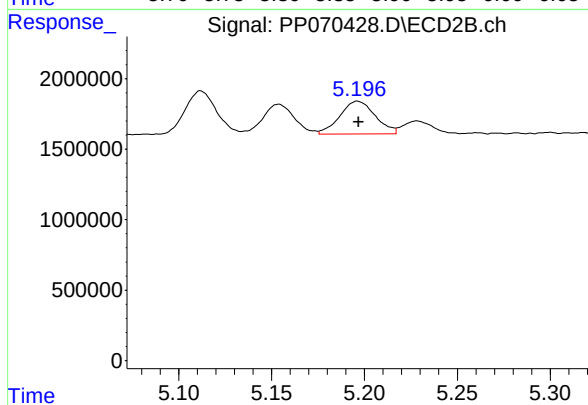
#13 AR-1232-3

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 3580147  
Conc: 260.31 ng/ml



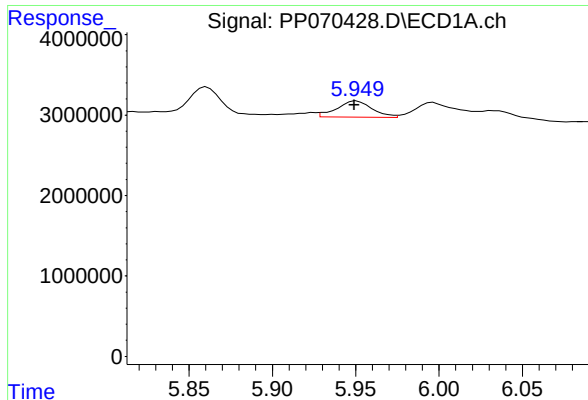
#14 AR-1232-4

R.T.: 5.861 min  
Delta R.T.: 0.002 min  
Response: 5144985  
Conc: 272.49 ng/ml



#14 AR-1232-4

R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 3082888  
Conc: 264.00 ng/ml



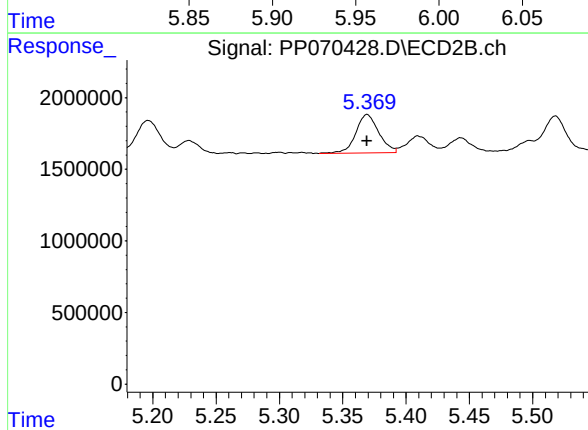
#15 AR-1232-5

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 2924140  
Conc: 215.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC250

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



#15 AR-1232-5

R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 3384658  
Conc: 259.33 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070429.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 17:56  
 Operator : YP\AJ  
 Sample : AR1232ICC050  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/19/2025  
 Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:00:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 21:58:44 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...          | 4.526  | 3.828 | 7821901 | 5940731 | 4.803   | 5.784    |
| 2) SA Decachlor...          | 10.255 | 8.881 | 5277277 | 5419163 | 4.754   | 5.615    |
| Target Compounds            |        |       |         |         |         |          |
| 11) L3 AR-1232-1            | 4.889  | 4.201 | 1983848 | 1421614 | 56.981  | 54.939m  |
| 12) L3 AR-1232-2            | 5.414  | 4.934 | 781907  | 1431721 | 44.152m | 56.863m# |
| 13) L3 AR-1232-3            | 5.701  | 5.112 | 1856332 | 799405  | 49.304m | 58.125   |
| 14) L3 AR-1232-4            | 5.859  | 5.196 | 1009484 | 627440  | 53.465m | 53.731   |
| 15) L3 AR-1232-5            | 5.943  | 5.367 | 707014  | 698174  | 51.998m | 53.493m  |
| -----                       |        |       |         |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070429.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 17:56  
Operator : YP\AJ  
Sample : AR1232ICC050  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

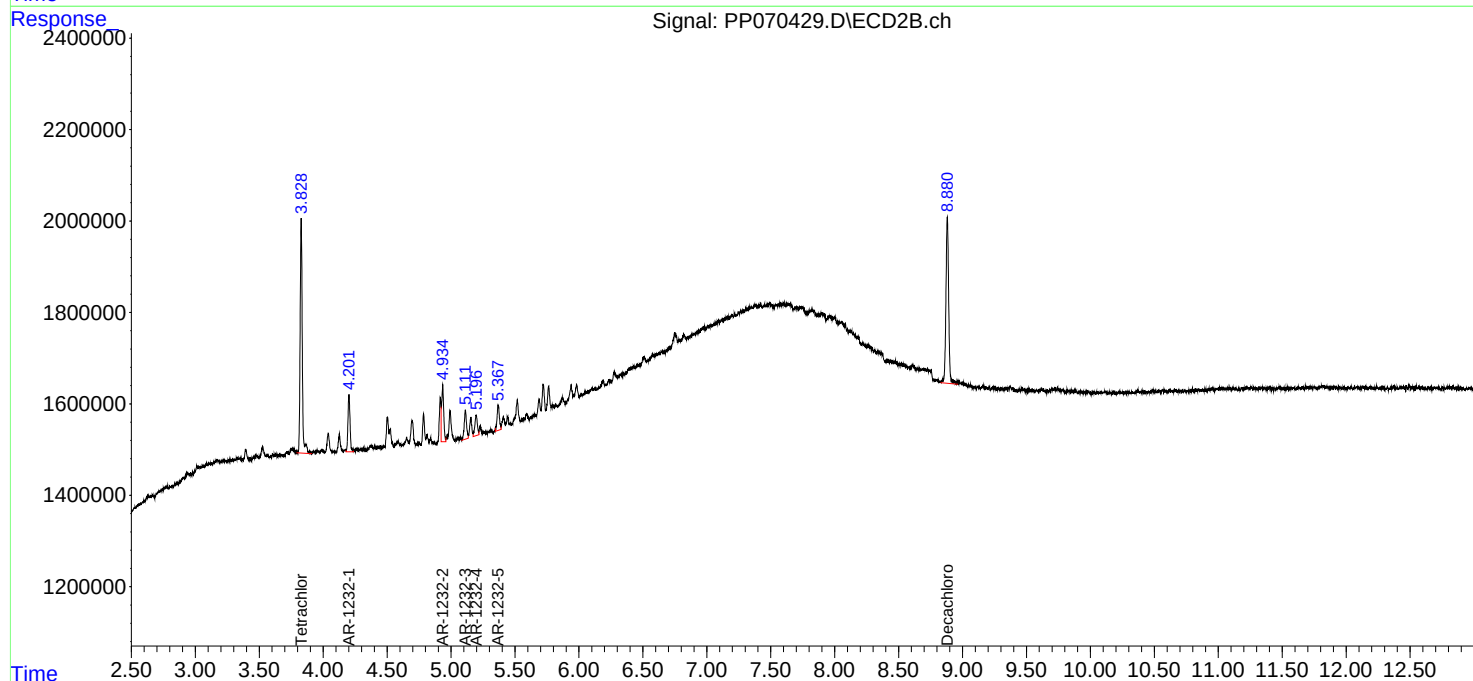
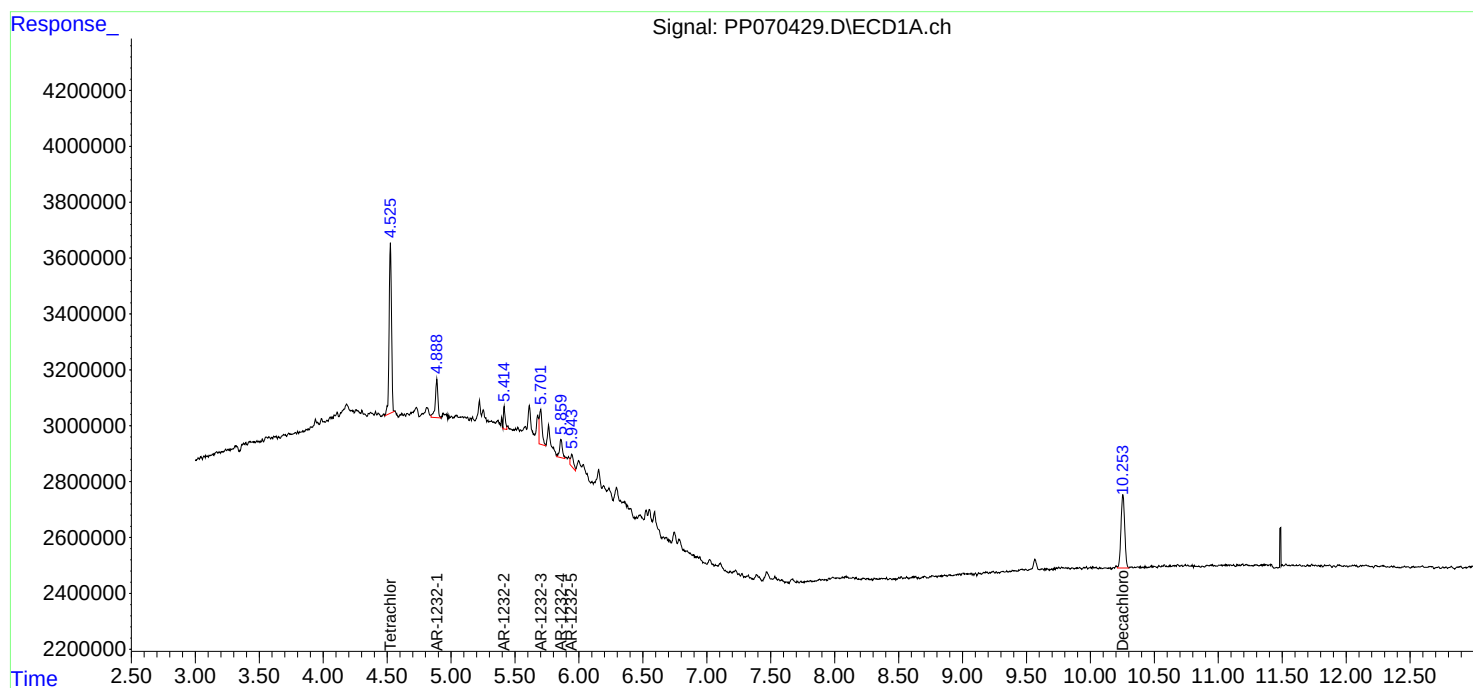
Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC050

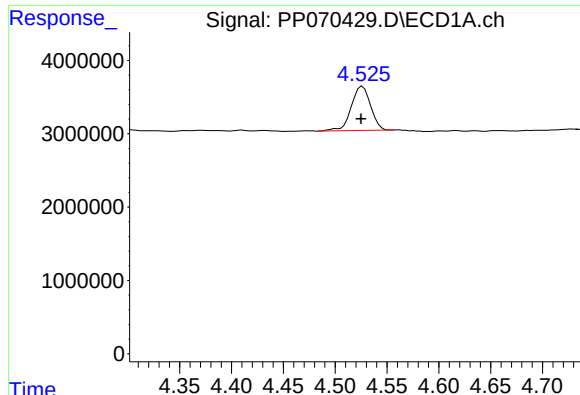
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/19/2025  
Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:00:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 21:58:44 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





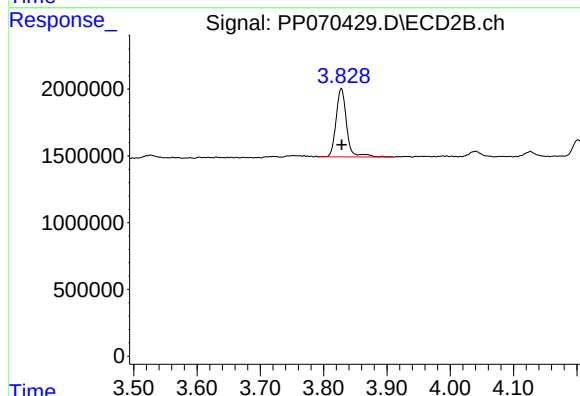
## #1 Tetrachloro-m-xylene

R.T.: 4.526 min  
Delta R.T.: 0.001 min  
Response: 7821901  
Conc: 4.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC050

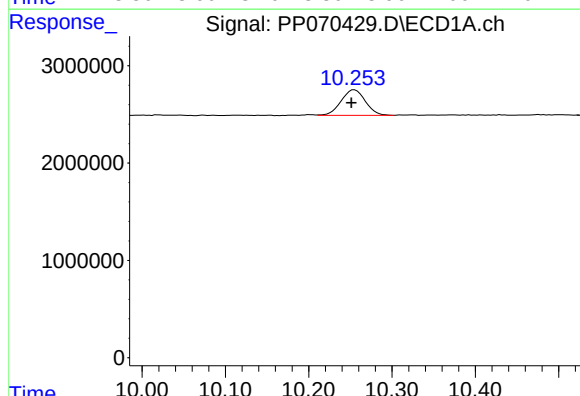
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/19/2025  
Supervised By :mohammad ahmed 03/19/2025



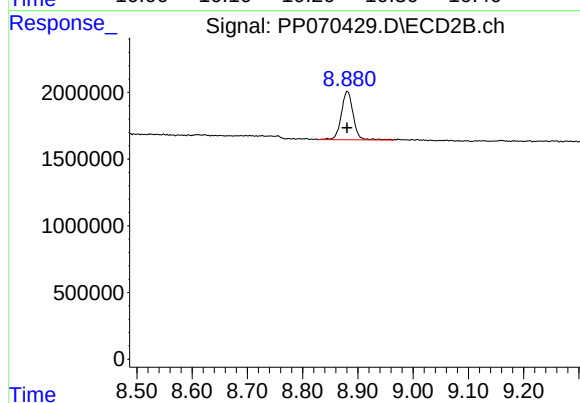
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 5940731  
Conc: 5.78 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.255 min  
Delta R.T.: 0.003 min  
Response: 5277277  
Conc: 4.75 ng/ml

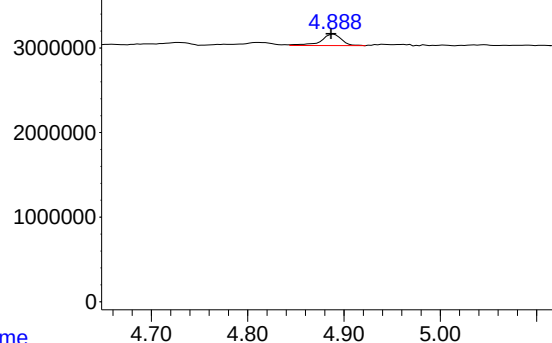


## #2 Decachlorobiphenyl

R.T.: 8.881 min  
Delta R.T.: 0.000 min  
Response: 5419163  
Conc: 5.62 ng/ml



Response\_ Signal: PP070429.D\ECD1A.ch



#11 AR-1232-1

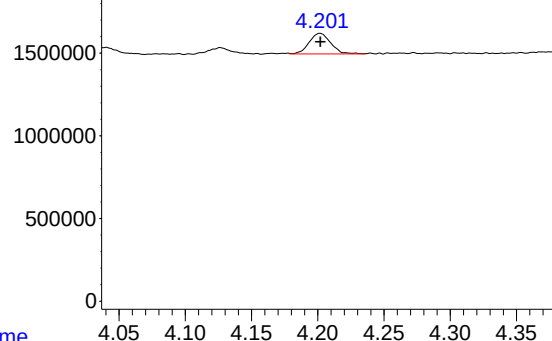
R.T.: 4.889 min  
Delta R.T.: 0.003 min  
Response: 1983848  
Conc: 56.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/19/2025  
Supervised By :mohammad ahmed 03/19/2025

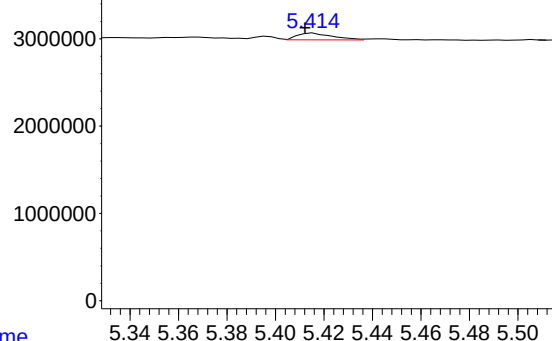
Time Response\_ Signal: PP070429.D\ECD2B.ch



#11 AR-1232-1

R.T.: 4.201 min  
Delta R.T.: 0.000 min  
Response: 1421614  
Conc: 54.94 ng/ml m

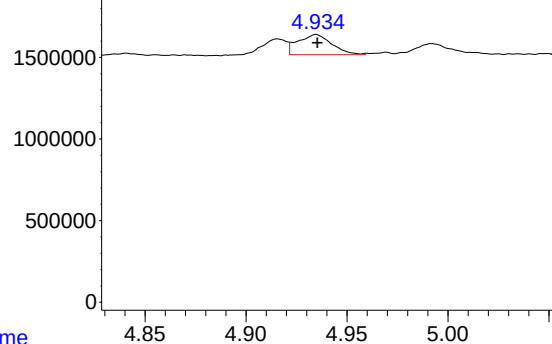
Time Response\_ Signal: PP070429.D\ECD1A.ch



#12 AR-1232-2

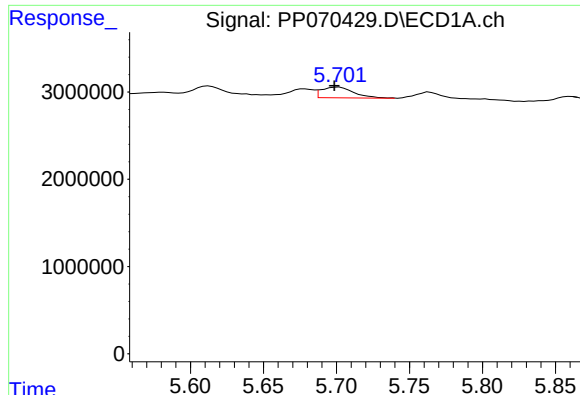
R.T.: 5.414 min  
Delta R.T.: 0.002 min  
Response: 781907  
Conc: 44.15 ng/ml m

Time Response\_ Signal: PP070429.D\ECD2B.ch



#12 AR-1232-2

R.T.: 4.934 min  
Delta R.T.: -0.001 min  
Response: 1431721  
Conc: 56.86 ng/ml m



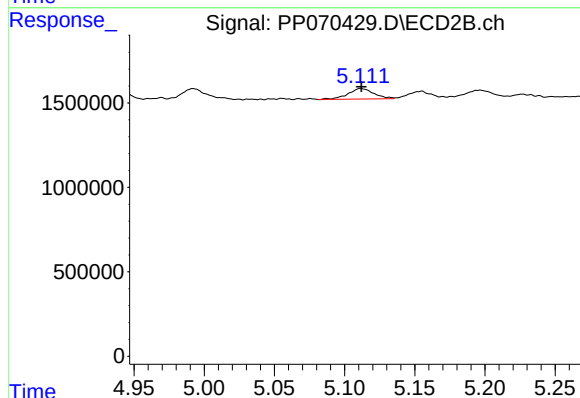
#13 AR-1232-3

R.T.: 5.701 min  
Delta R.T.: 0.002 min  
Response: 1856332  
Conc: 49.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC050

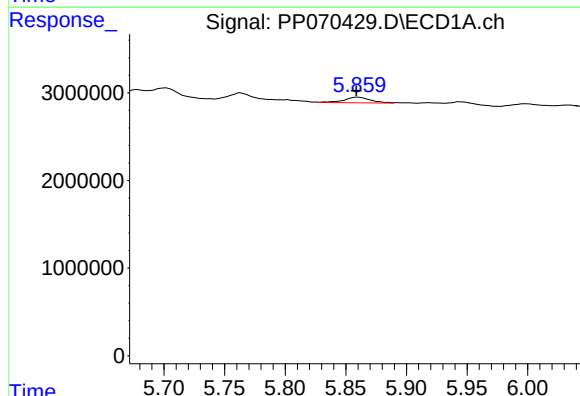
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/19/2025  
Supervised By :mohammad ahmed 03/19/2025



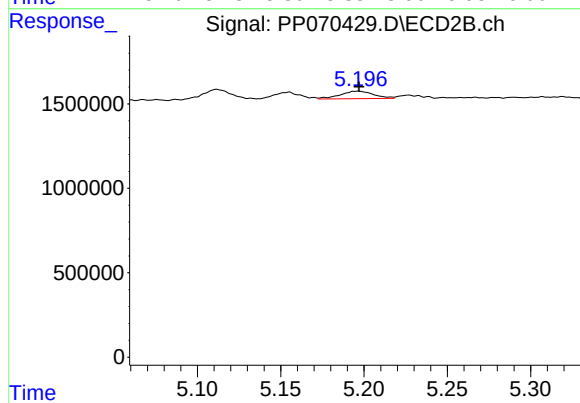
#13 AR-1232-3

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 799405  
Conc: 58.13 ng/ml



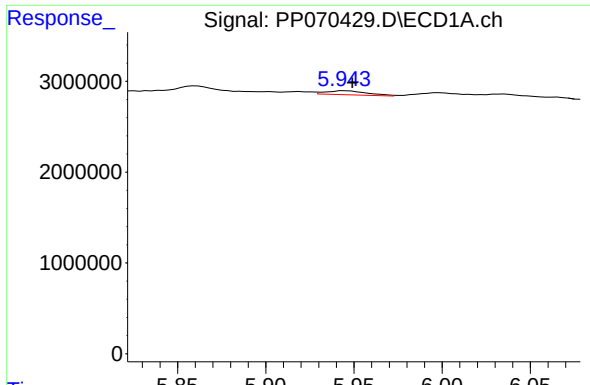
#14 AR-1232-4

R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 1009484  
Conc: 53.46 ng/ml m



#14 AR-1232-4

R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 627440  
Conc: 53.73 ng/ml



#15 AR-1232-5

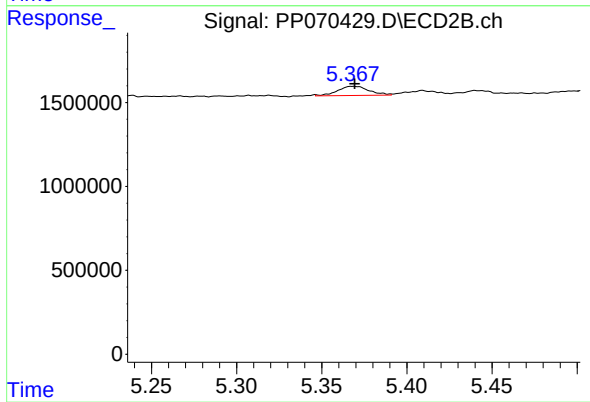
R.T.: 5.943 min  
Delta R.T.: -0.006 min  
Response: 707014  
Conc: 52.00 ng/ml

ICAL Form

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/19/2025  
Supervised By :mohammad ahmed 03/19/2025



#15 AR-1232-5

R.T.: 5.367 min  
Delta R.T.: -0.003 min  
Response: 698174  
Conc: 53.49 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070430.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 18:12  
 Operator : YP\AJ  
 Sample : AR1242ICC1000  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:16:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:15:44 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...          | 4.525  | 3.828 | 148.4E6  | 94968124 | 93.437  | 94.952  |
| 2) SA Decachlor...          | 10.252 | 8.881 | 101.7E6  | 89078022 | 92.579  | 87.447  |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.677  | 4.916 | 39253435 | 28374294 | 902.749 | 940.352 |
| 17) L4 AR-1242-2            | 5.699  | 4.935 | 58252556 | 40120133 | 936.102 | 956.599 |
| 18) L4 AR-1242-3            | 5.761  | 5.112 | 35362447 | 22172127 | 914.872 | 931.692 |
| 19) L4 AR-1242-4            | 5.859  | 5.197 | 29479509 | 20777408 | 905.593 | 928.850 |
| 20) L4 AR-1242-5            | 6.589  | 5.722 | 29991669 | 26011255 | 936.911 | 924.285 |
| -----                       |        |       |          |          |         |         |

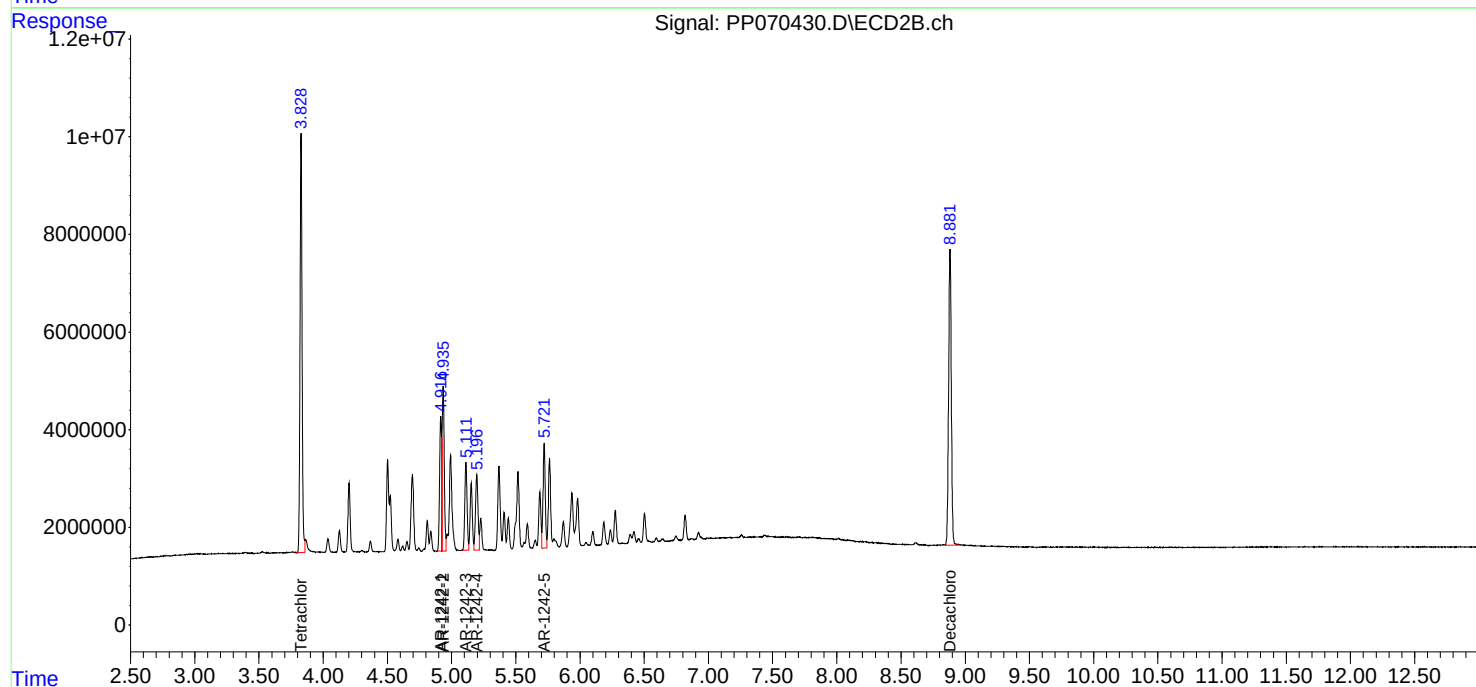
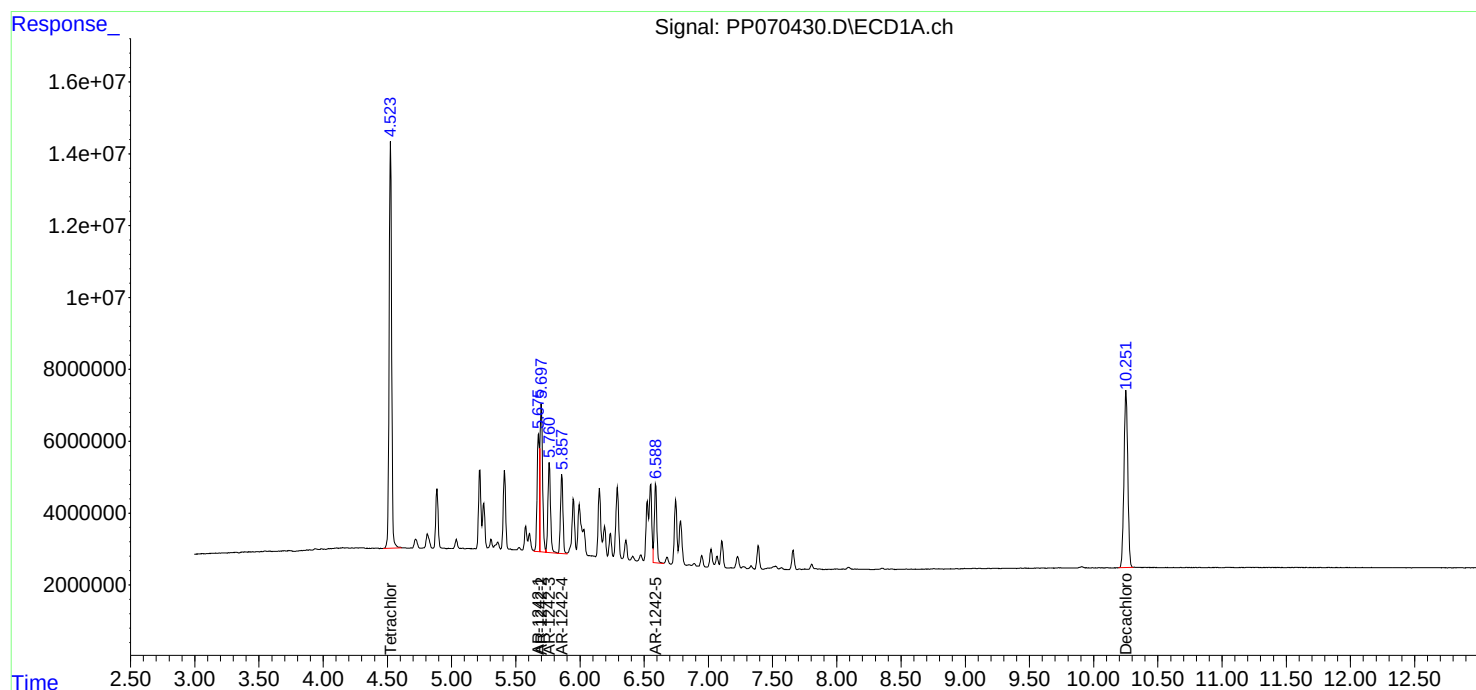
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

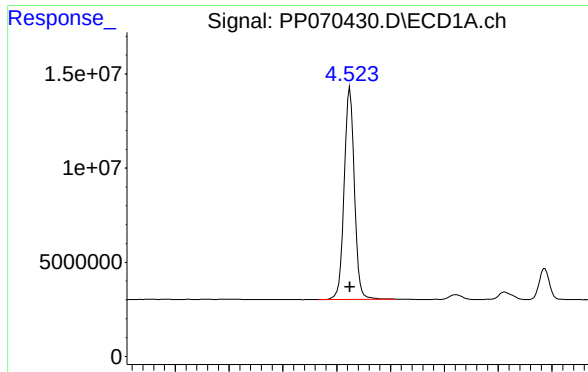
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070430.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 18:12  
Operator : YP\AJ  
Sample : AR1242ICC1000  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:16:35 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:15:44 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

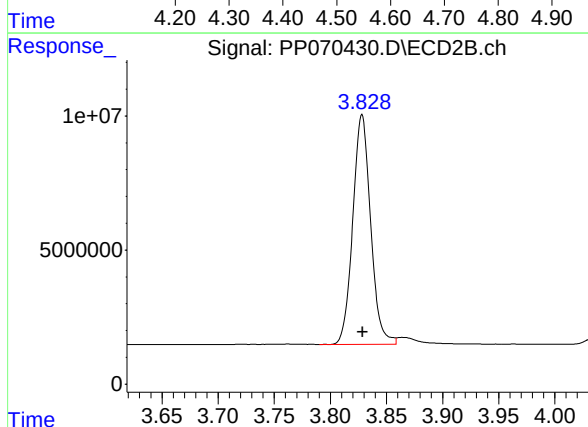




## #1 Tetrachloro-m-xylene

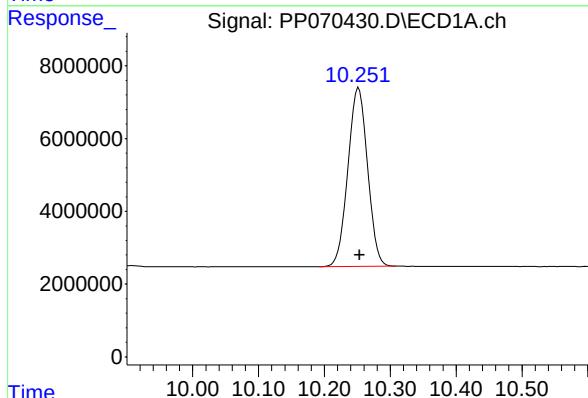
R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 148350049  
Conc: 93.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC1000



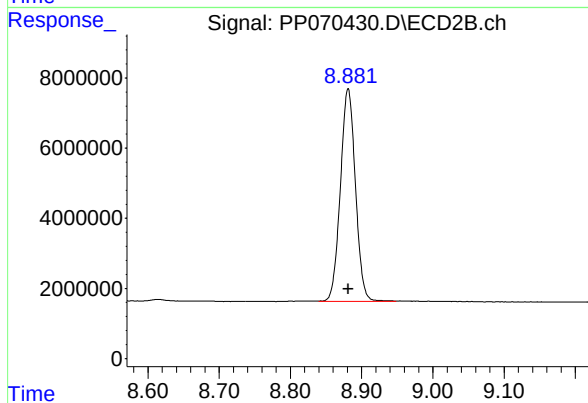
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 94968124  
Conc: 94.95 ng/ml



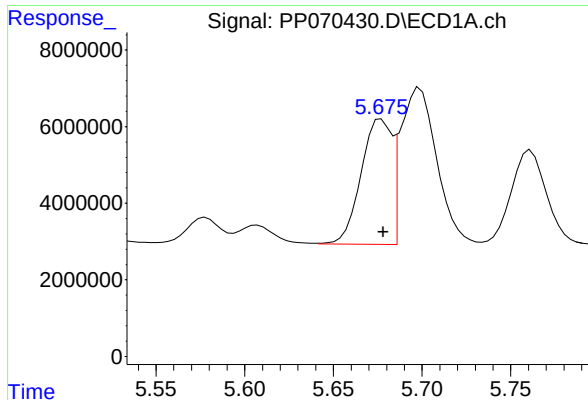
## #2 Decachlorobiphenyl

R.T.: 10.252 min  
Delta R.T.: -0.001 min  
Response: 101714357  
Conc: 92.58 ng/ml



## #2 Decachlorobiphenyl

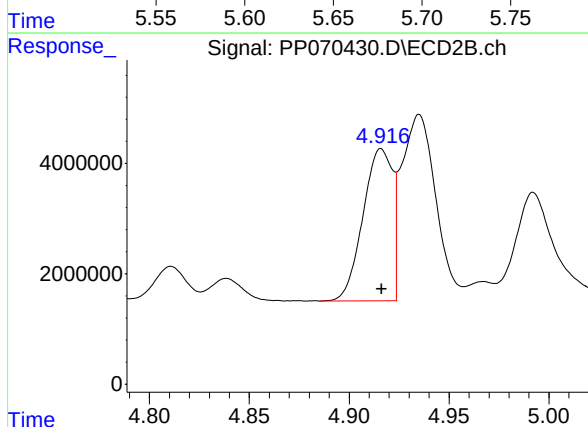
R.T.: 8.881 min  
Delta R.T.: 0.000 min  
Response: 89078022  
Conc: 87.45 ng/ml



#16 AR-1242-1

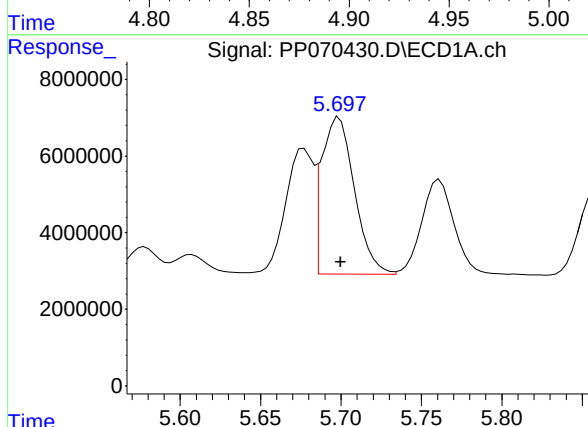
R.T.: 5.677 min  
Delta R.T.: -0.001 min  
Response: 39253435  
Conc: 902.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC1000



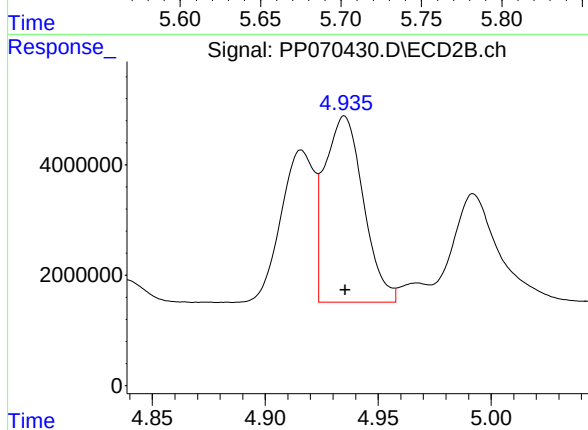
#16 AR-1242-1

R.T.: 4.916 min  
Delta R.T.: 0.000 min  
Response: 28374294  
Conc: 940.35 ng/ml



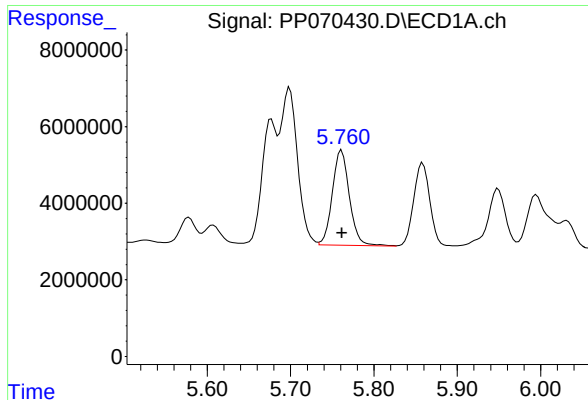
#17 AR-1242-2

R.T.: 5.699 min  
Delta R.T.: 0.000 min  
Response: 58252556  
Conc: 936.10 ng/ml



#17 AR-1242-2

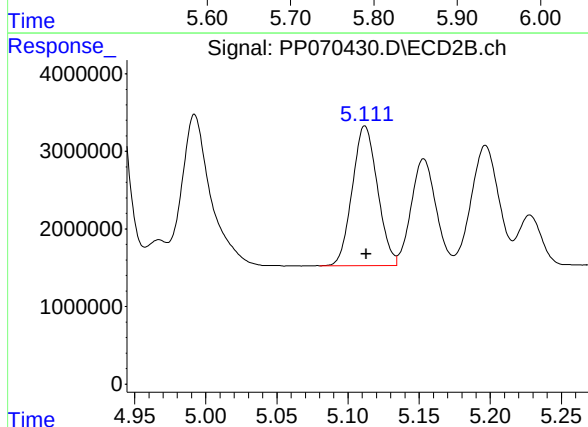
R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 40120133  
Conc: 956.60 ng/ml



#18 AR-1242-3

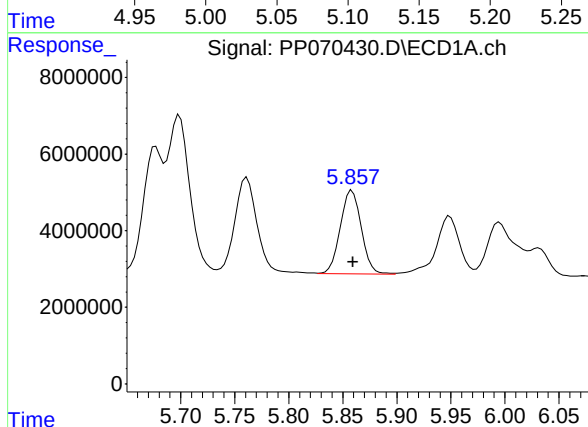
R.T.: 5.761 min  
Delta R.T.: 0.000 min  
Response: 35362447  
Conc: 914.87 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC1000



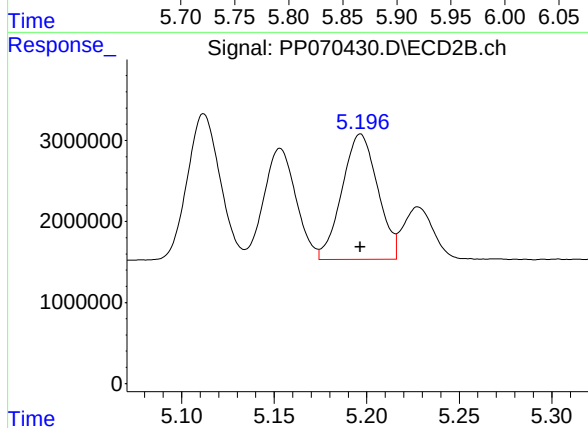
#18 AR-1242-3

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 22172127  
Conc: 931.69 ng/ml



#19 AR-1242-4

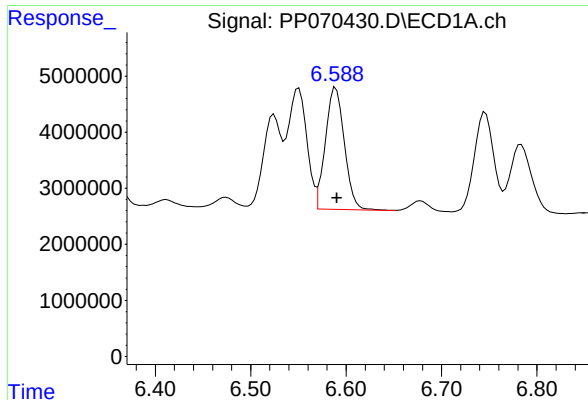
R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 29479509  
Conc: 905.59 ng/ml



#19 AR-1242-4

R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 20777408  
Conc: 928.85 ng/ml

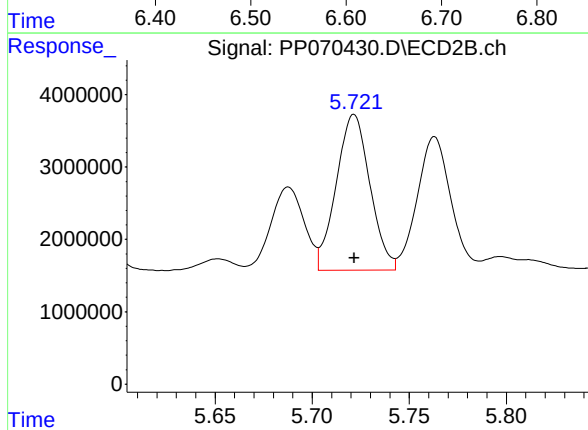




#20 AR-1242-5

R.T.: 6.589 min  
Delta R.T.: -0.001 min  
Response: 29991669  
Conc: 936.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.722 min  
Delta R.T.: 0.000 min  
Response: 26011255  
Conc: 924.28 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070431.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 18:28  
 Operator : YP\AJ  
 Sample : AR1242ICC750  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:16:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:15:44 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...          | 4.525  | 3.828 | 115.4E6  | 72710939 | 72.677  | 72.698  |
| 2) SA Decachlor...          | 10.252 | 8.880 | 79754897 | 74745771 | 72.592  | 73.377  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.678  | 4.916 | 31278275 | 21743405 | 719.336 | 720.598 |
| 17) L4 AR-1242-2            | 5.700  | 4.935 | 45085458 | 30497830 | 724.511 | 727.171 |
| 18) L4 AR-1242-3            | 5.762  | 5.112 | 27285376 | 16877928 | 705.908 | 709.226 |
| 19) L4 AR-1242-4            | 5.859  | 5.196 | 23125338 | 15945991 | 710.396 | 712.863 |
| 20) L4 AR-1242-5            | 6.590  | 5.721 | 23553432 | 20212182 | 735.787 | 718.220 |
| -----                       |        |       |          |          |         |         |

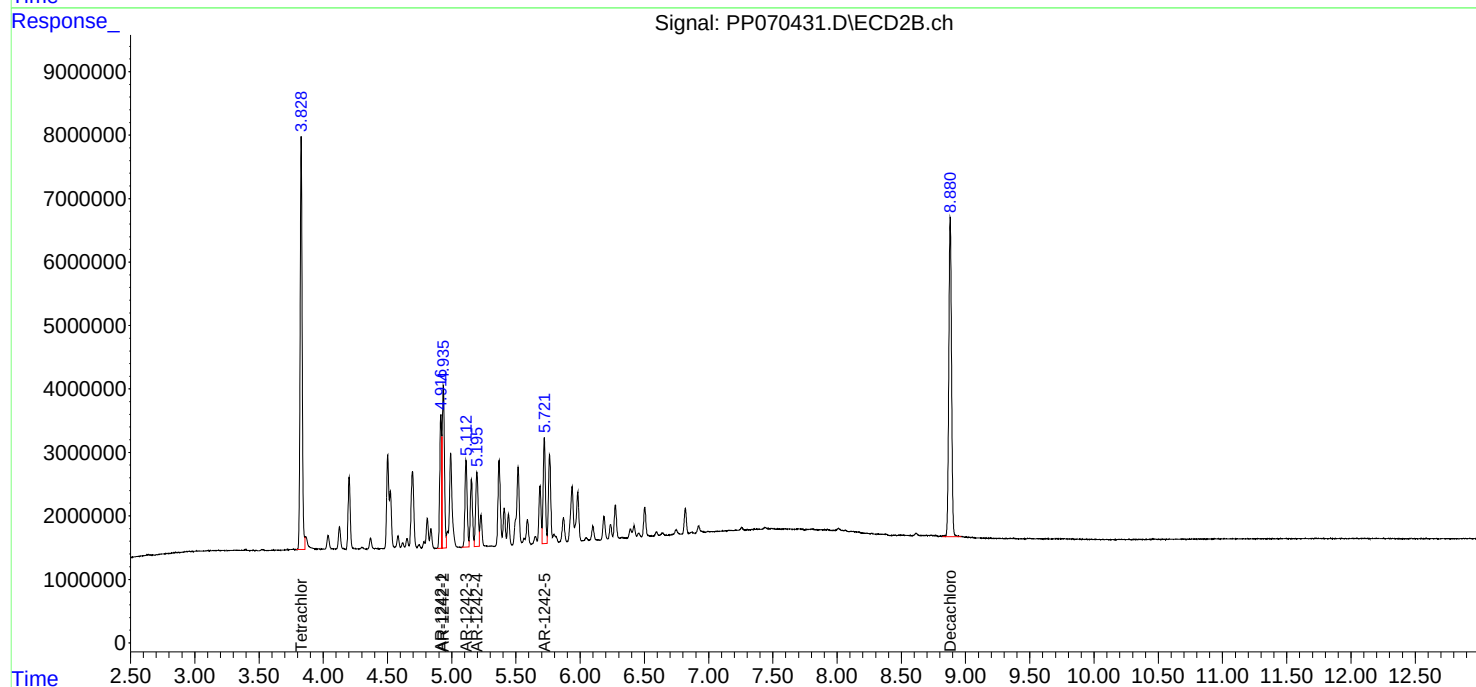
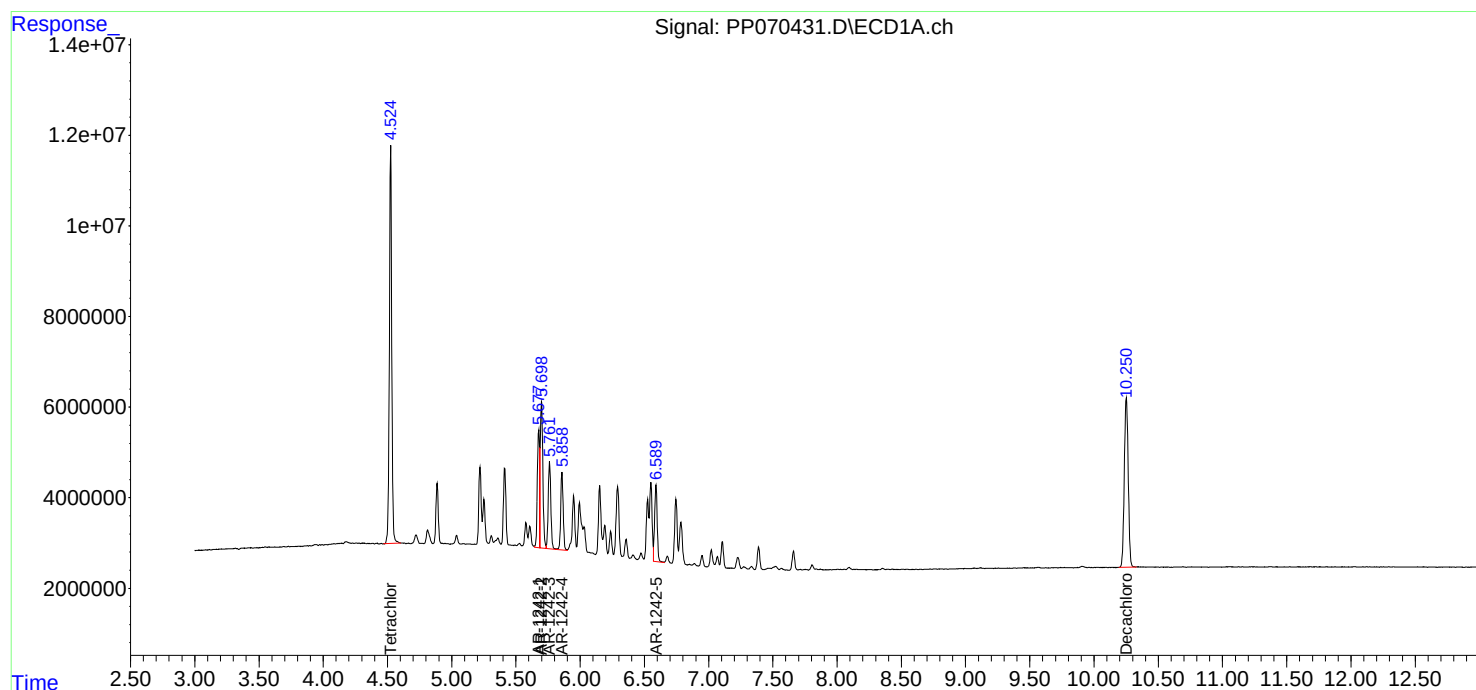
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

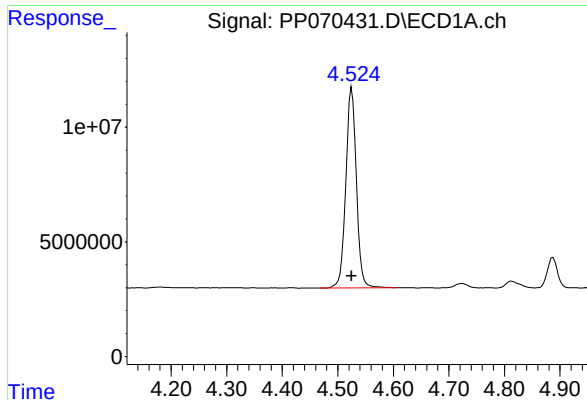
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070431.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 18:28  
Operator : YP\AJ  
Sample : AR1242ICC750  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:16:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:15:44 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

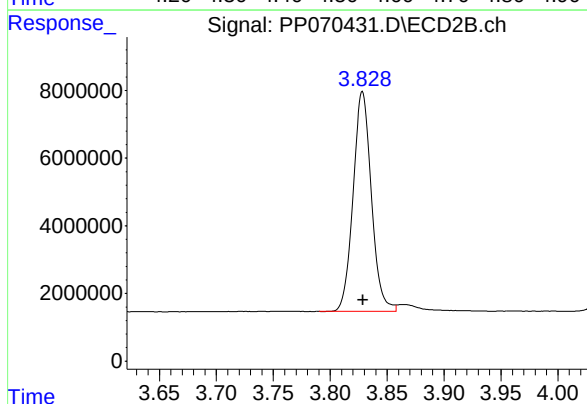




## #1 Tetrachloro-m-xylene

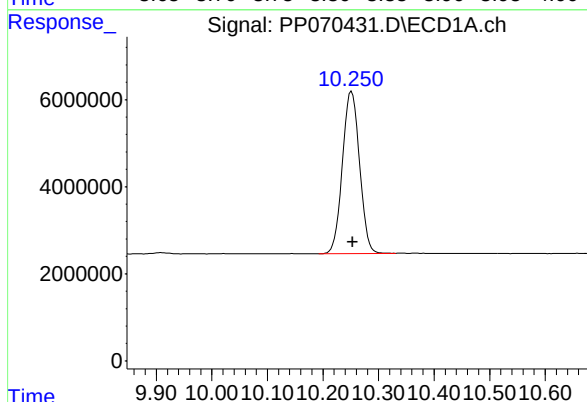
R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 115389928  
Conc: 72.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC750



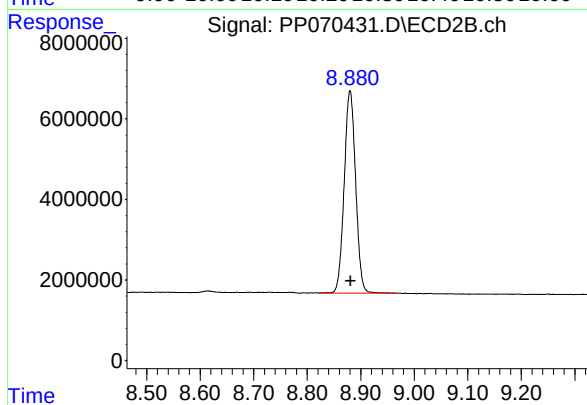
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 72710939  
Conc: 72.70 ng/ml



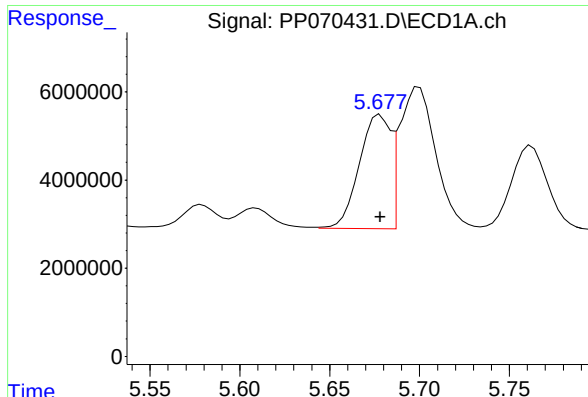
## #2 Decachlorobiphenyl

R.T.: 10.252 min  
Delta R.T.: -0.002 min  
Response: 79754897  
Conc: 72.59 ng/ml



## #2 Decachlorobiphenyl

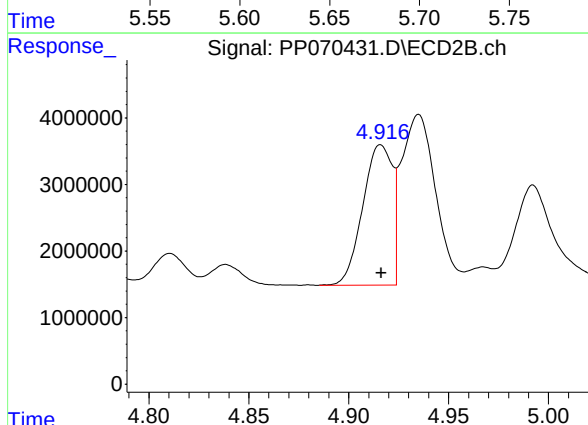
R.T.: 8.880 min  
Delta R.T.: -0.001 min  
Response: 74745771  
Conc: 73.38 ng/ml



#16 AR-1242-1

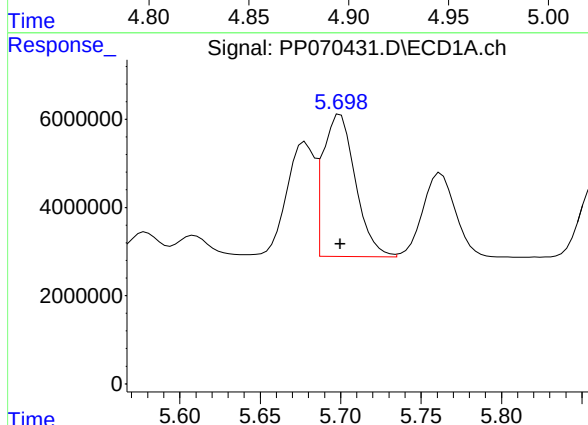
R.T.: 5.678 min  
Delta R.T.: 0.000 min  
Response: 31278275  
Conc: 719.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC750



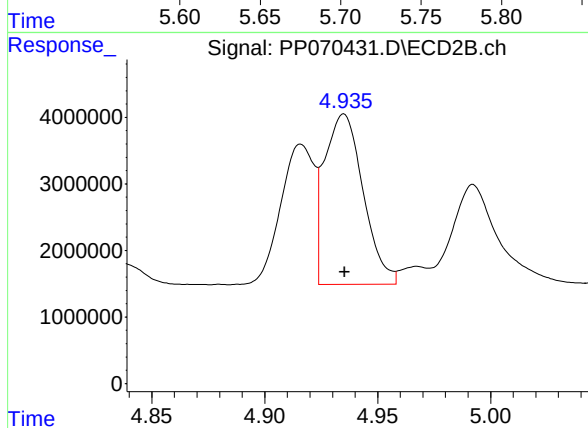
#16 AR-1242-1

R.T.: 4.916 min  
Delta R.T.: 0.000 min  
Response: 21743405  
Conc: 720.60 ng/ml



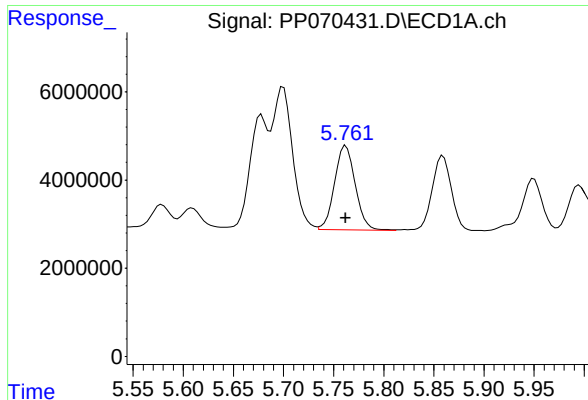
#17 AR-1242-2

R.T.: 5.700 min  
Delta R.T.: 0.000 min  
Response: 45085458  
Conc: 724.51 ng/ml



#17 AR-1242-2

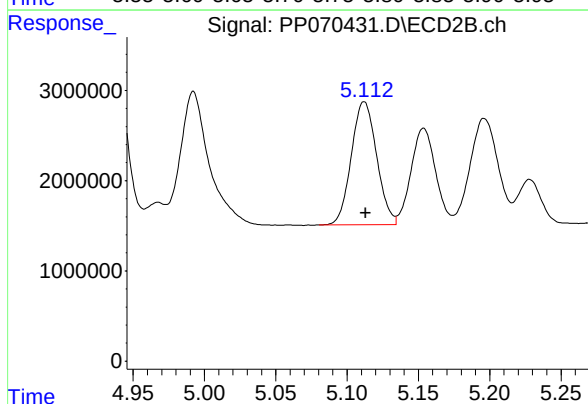
R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 30497830  
Conc: 727.17 ng/ml



#18 AR-1242-3

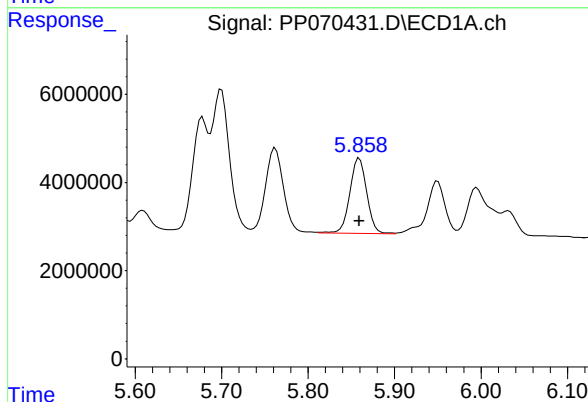
R.T.: 5.762 min  
Delta R.T.: 0.000 min  
Response: 27285376  
Conc: 705.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC750



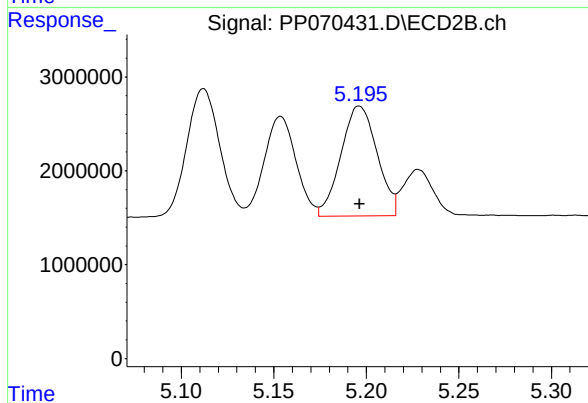
#18 AR-1242-3

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 16877928  
Conc: 709.23 ng/ml



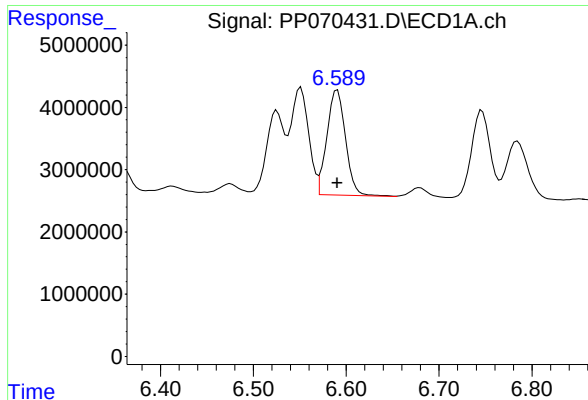
#19 AR-1242-4

R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 23125338  
Conc: 710.40 ng/ml



#19 AR-1242-4

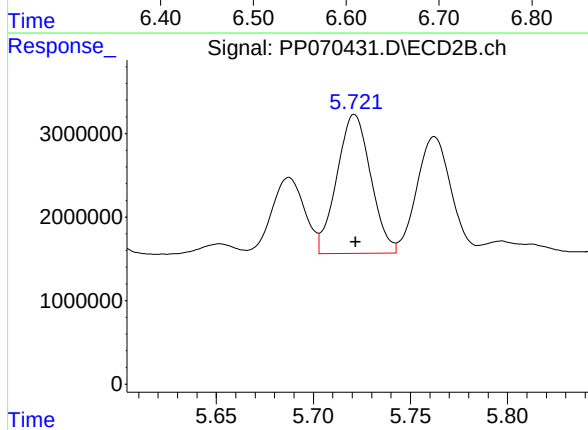
R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 15945991  
Conc: 712.86 ng/ml



#20 AR-1242-5

R.T.: 6.590 min  
Delta R.T.: 0.000 min  
Response: 23553432  
Conc: 735.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC750



#20 AR-1242-5

R.T.: 5.721 min  
Delta R.T.: 0.000 min  
Response: 20212182  
Conc: 718.22 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070432.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 18:45  
 Operator : YP\AJ  
 Sample : AR1242ICC500  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:16:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:15:44 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...          | 4.525  | 3.829 | 79385142 | 50008599 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.253 | 8.881 | 54933901 | 50932459 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.678  | 4.916 | 21741066 | 15087052 | 500.000 | 500.000 |
| 17) L4 AR-1242-2            | 5.700  | 4.935 | 31114422 | 20970194 | 500.000 | 500.000 |
| 18) L4 AR-1242-3            | 5.762  | 5.113 | 19326447 | 11898844 | 500.000 | 500.000 |
| 19) L4 AR-1242-4            | 5.859  | 5.196 | 16276361 | 11184477 | 500.000 | 500.000 |
| 20) L4 AR-1242-5            | 6.590  | 5.722 | 16005604 | 14071017 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

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

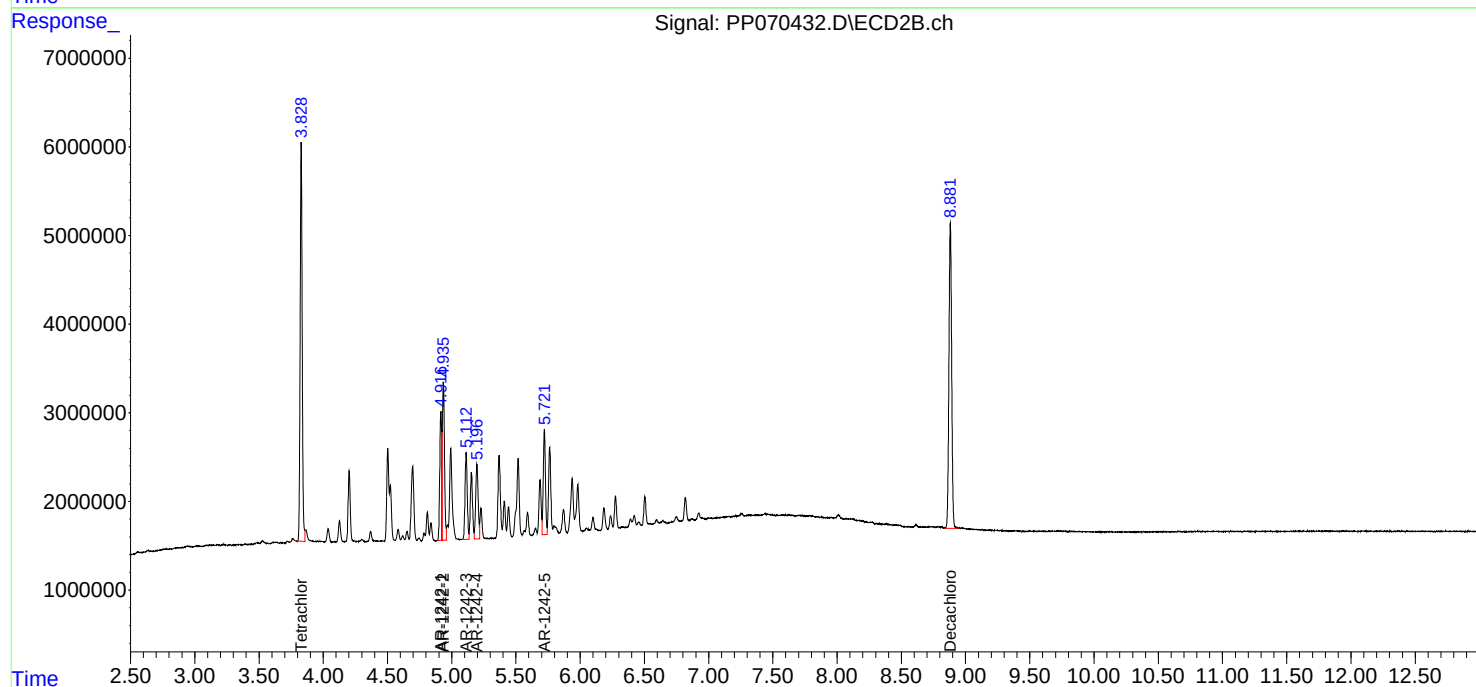
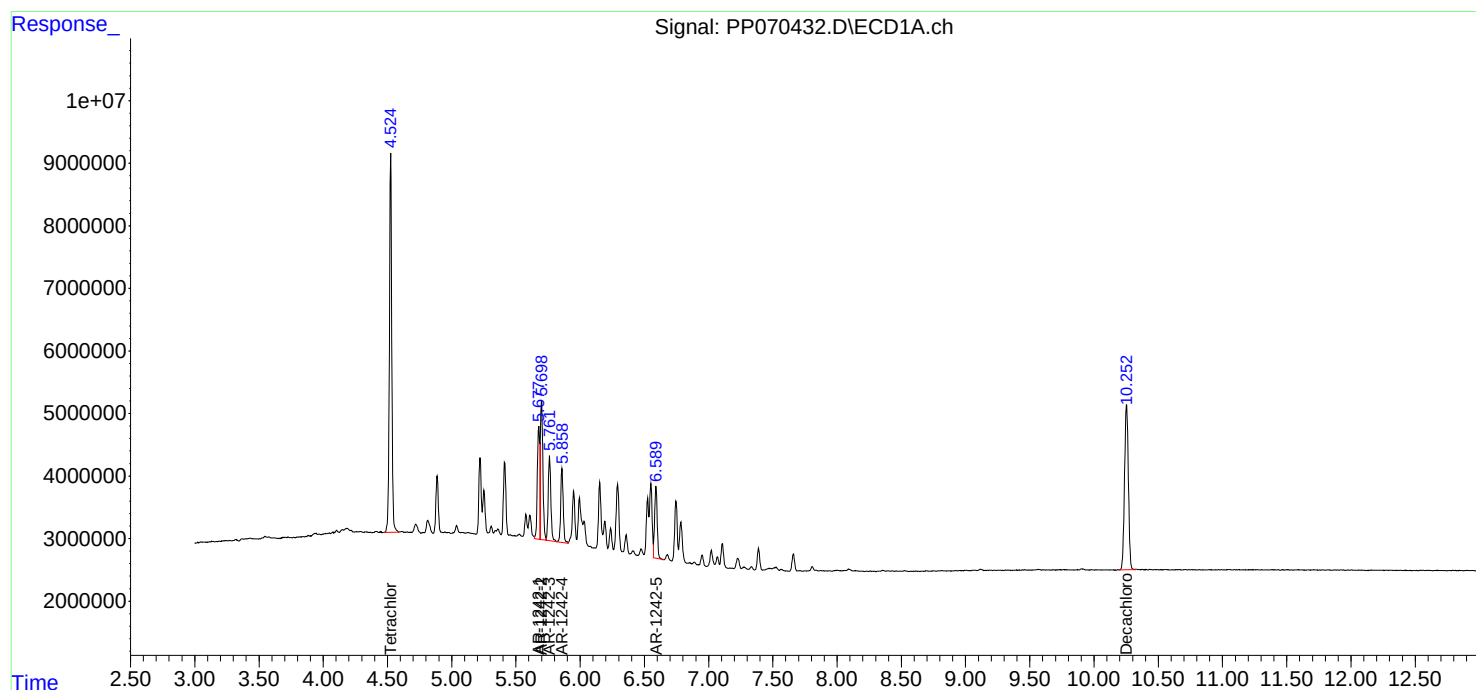


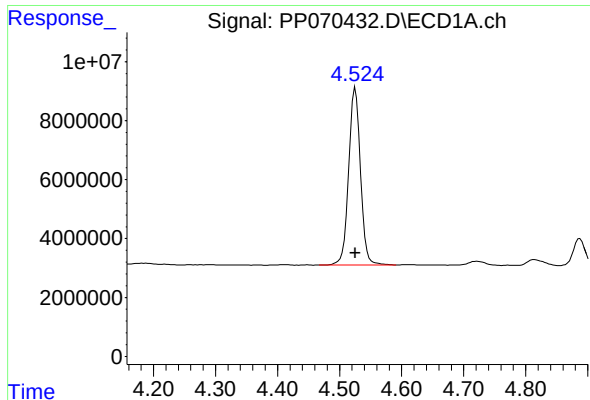
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070432.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 18:45  
Operator : YP\AJ  
Sample : AR1242ICC500  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:16:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:15:44 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

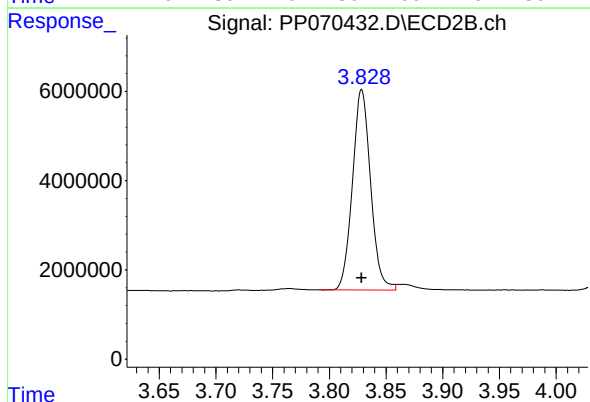




## #1 Tetrachloro-m-xylene

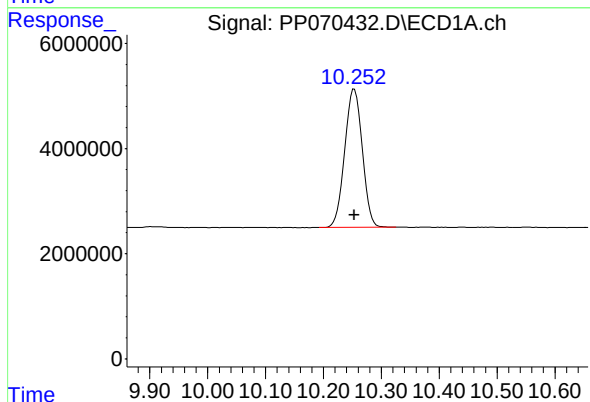
R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 79385142  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC500



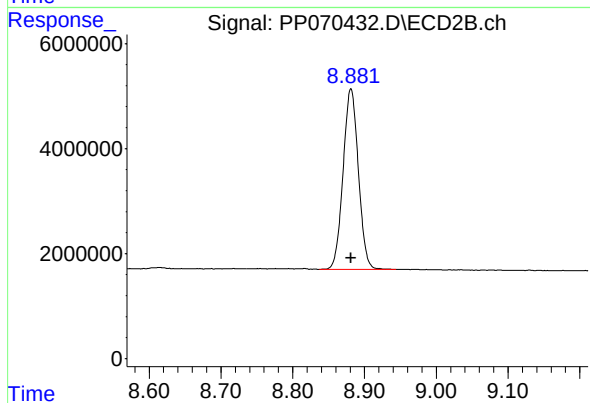
## #1 Tetrachloro-m-xylene

R.T.: 3.829 min  
Delta R.T.: 0.000 min  
Response: 50008599  
Conc: 50.00 ng/ml



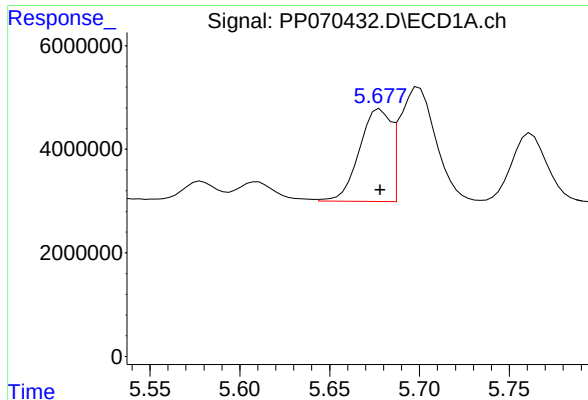
## #2 Decachlorobiphenyl

R.T.: 10.253 min  
Delta R.T.: 0.000 min  
Response: 54933901  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

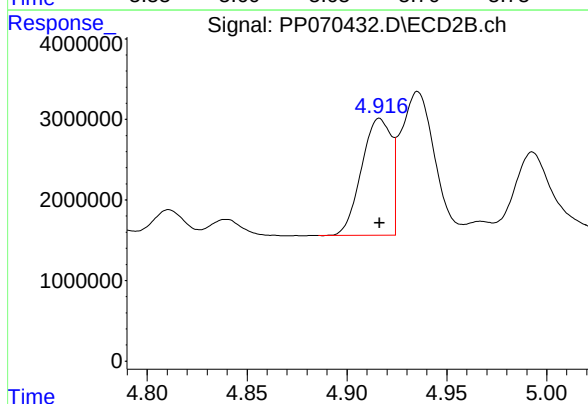
R.T.: 8.881 min  
Delta R.T.: 0.000 min  
Response: 50932459  
Conc: 50.00 ng/ml



#16 AR-1242-1

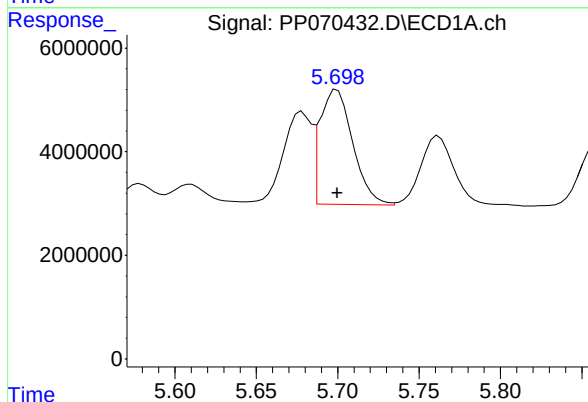
R.T.: 5.678 min  
Delta R.T.: 0.000 min  
Response: 21741066  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC500



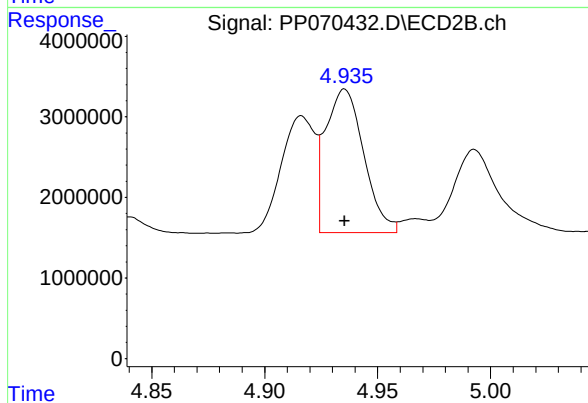
#16 AR-1242-1

R.T.: 4.916 min  
Delta R.T.: 0.000 min  
Response: 15087052  
Conc: 500.00 ng/ml



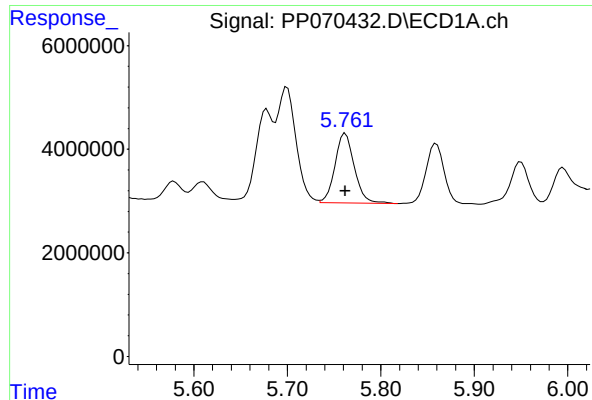
#17 AR-1242-2

R.T.: 5.700 min  
Delta R.T.: 0.000 min  
Response: 31114422  
Conc: 500.00 ng/ml



#17 AR-1242-2

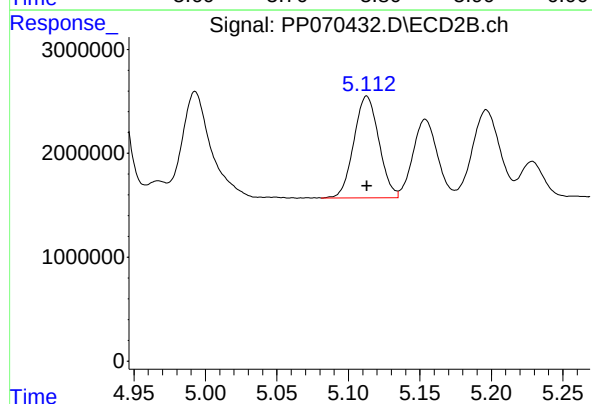
R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 20970194  
Conc: 500.00 ng/ml



#18 AR-1242-3

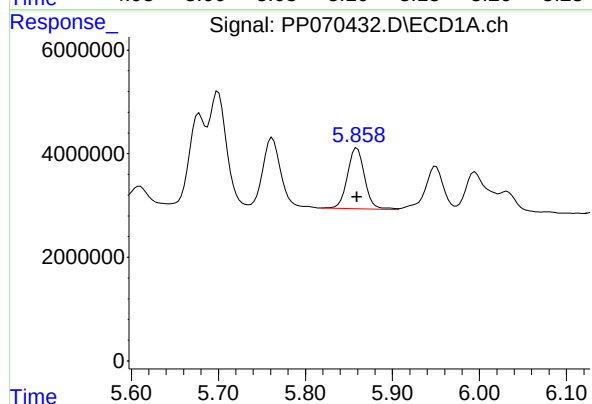
R.T.: 5.762 min  
Delta R.T.: 0.000 min  
Response: 19326447  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC500



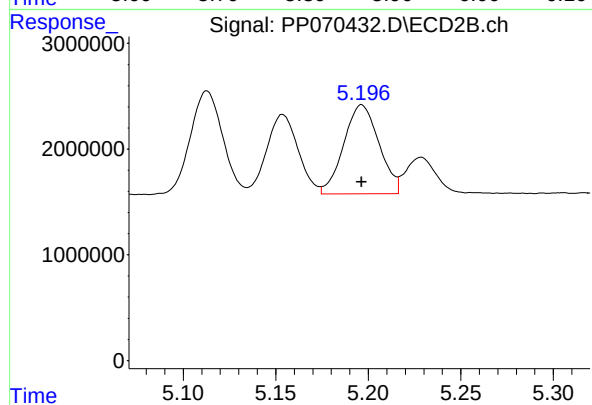
#18 AR-1242-3

R.T.: 5.113 min  
Delta R.T.: 0.000 min  
Response: 11898844  
Conc: 500.00 ng/ml



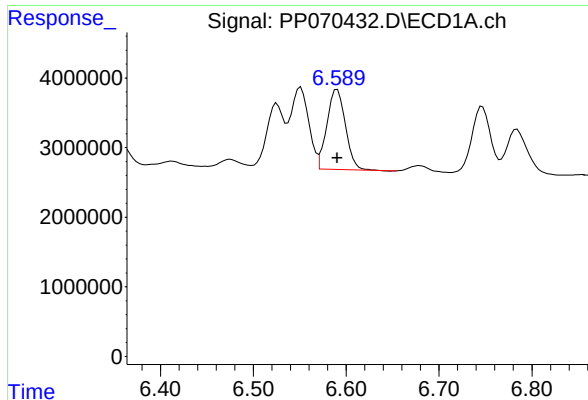
#19 AR-1242-4

R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 16276361  
Conc: 500.00 ng/ml



#19 AR-1242-4

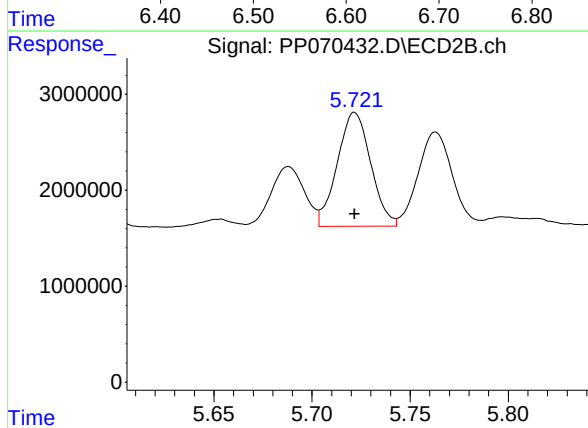
R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 11184477  
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.590 min  
Delta R.T.: 0.000 min  
Response: 16005604  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC500



#20 AR-1242-5

R.T.: 5.722 min  
Delta R.T.: 0.000 min  
Response: 14071017  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070433.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 19:01  
 Operator : YP\AJ  
 Sample : AR1242ICC250  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:17:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:15:44 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...          | 4.524  | 3.828 | 41377010 | 26035193 | 26.061  | 26.031  |
| 2) SA Decachlor...          | 10.252 | 8.882 | 28665426 | 26753118 | 26.091  | 26.263  |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.677  | 4.916 | 11964118 | 8132112  | 275.150 | 269.506 |
| 17) L4 AR-1242-2            | 5.699  | 4.935 | 16512640 | 11403170 | 265.353 | 271.890 |
| 18) L4 AR-1242-3            | 5.761  | 5.112 | 10411351 | 6390296  | 269.355 | 268.526 |
| 19) L4 AR-1242-4            | 5.858  | 5.197 | 8770541  | 5985325  | 269.426 | 267.573 |
| 20) L4 AR-1242-5            | 6.589  | 5.721 | 8174876  | 7415218  | 255.375 | 263.493 |
| -----                       |        |       |          |          |         |         |

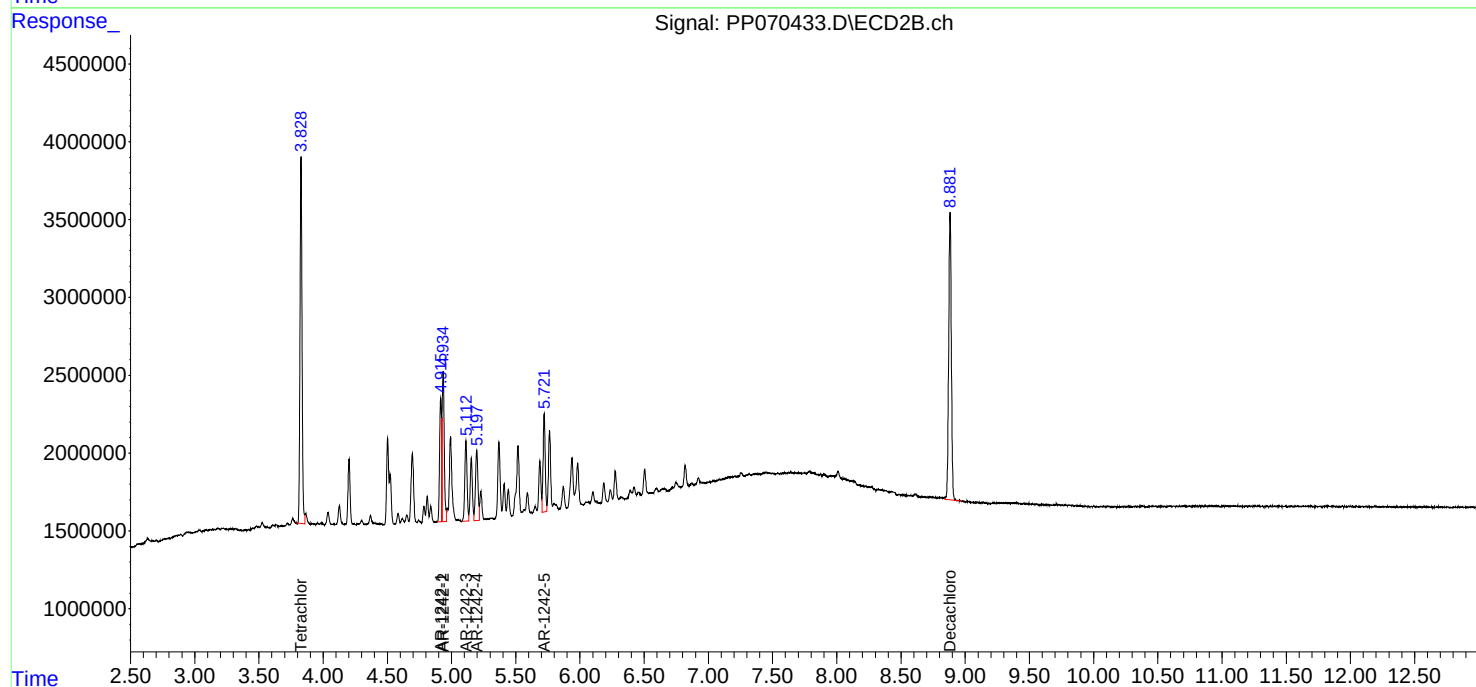
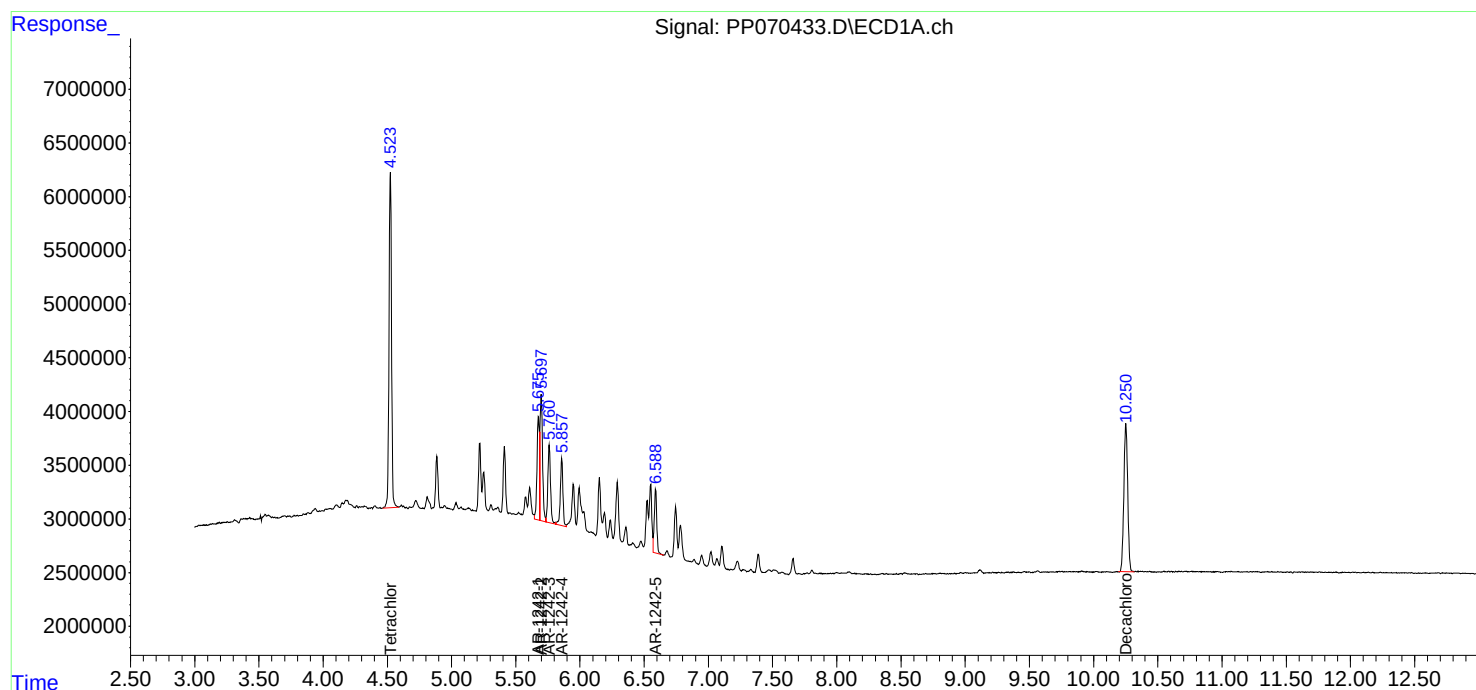
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

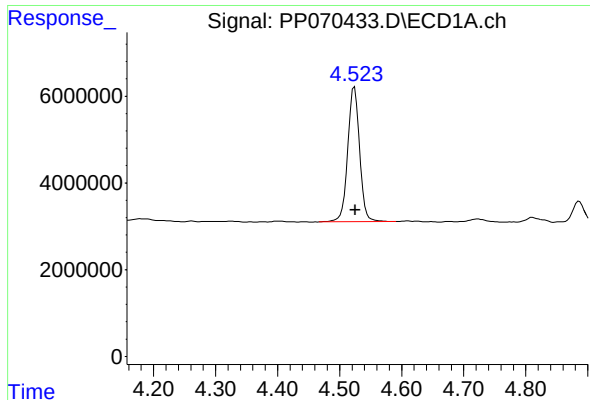
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070433.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 19:01  
Operator : YP\AJ  
Sample : AR1242ICC250  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:17:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:15:44 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

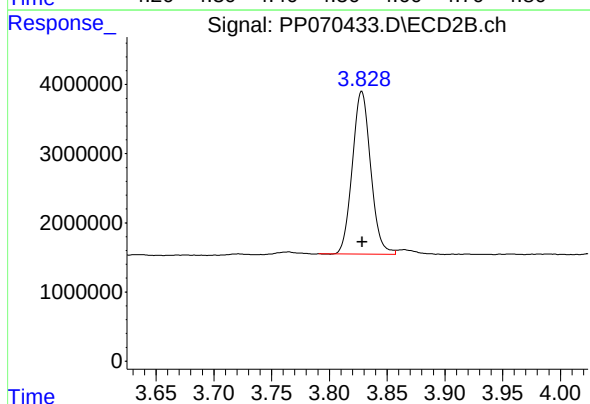




## #1 Tetrachloro-m-xylene

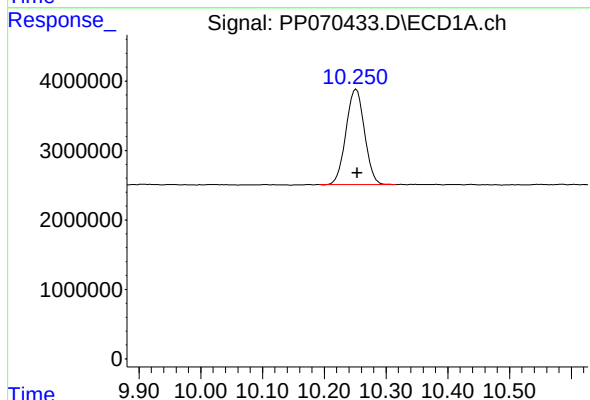
R.T.: 4.524 min  
Delta R.T.: -0.001 min  
Response: 41377010  
Conc: 26.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC250



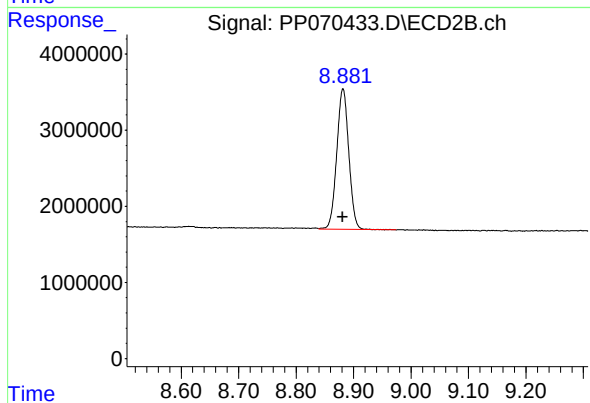
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 26035193  
Conc: 26.03 ng/ml



## #2 Decachlorobiphenyl

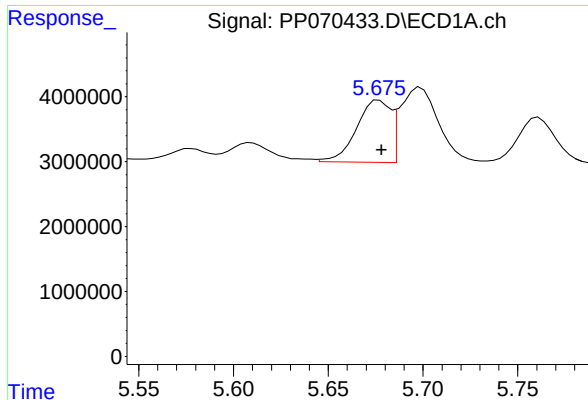
R.T.: 10.252 min  
Delta R.T.: -0.002 min  
Response: 28665426  
Conc: 26.09 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.882 min  
Delta R.T.: 0.000 min  
Response: 26753118  
Conc: 26.26 ng/ml

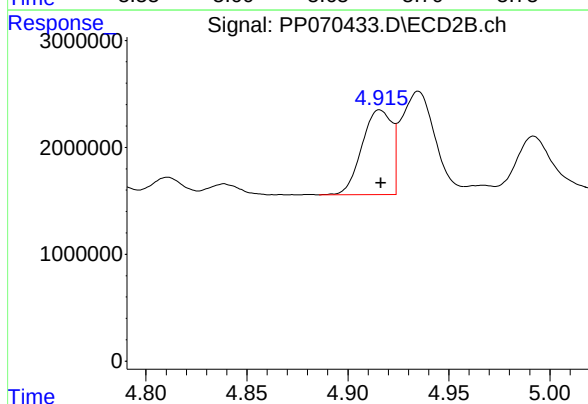




#16 AR-1242-1

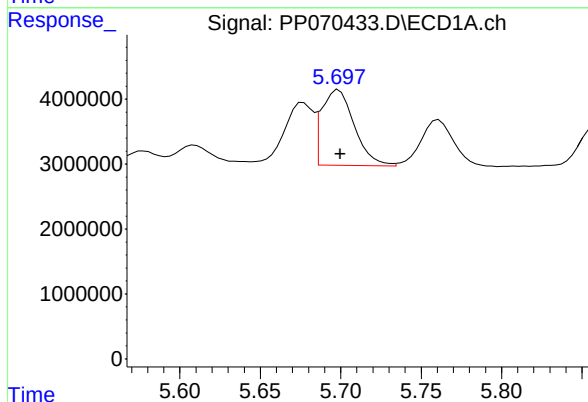
R.T.: 5.677 min  
Delta R.T.: -0.001 min  
Response: 11964118  
Conc: 275.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC250



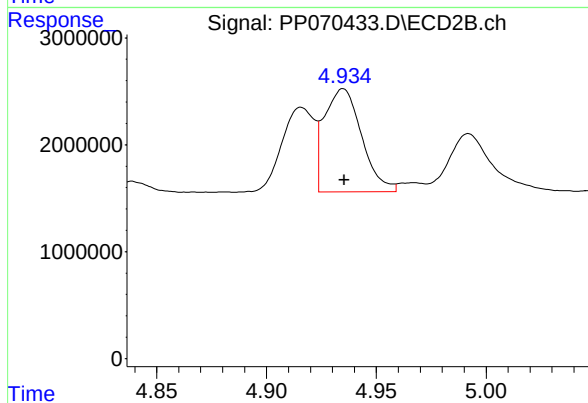
#16 AR-1242-1

R.T.: 4.916 min  
Delta R.T.: 0.000 min  
Response: 8132112  
Conc: 269.51 ng/ml



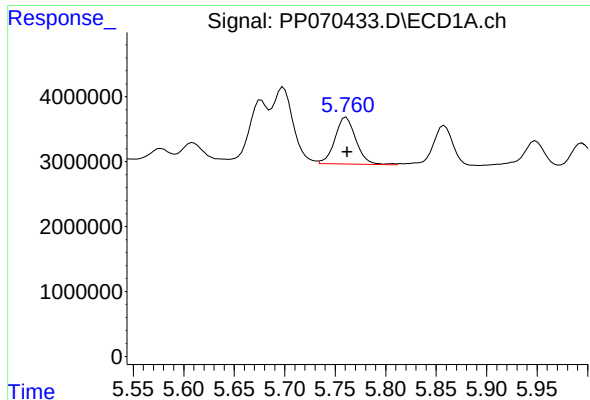
#17 AR-1242-2

R.T.: 5.699 min  
Delta R.T.: 0.000 min  
Response: 16512640  
Conc: 265.35 ng/ml



#17 AR-1242-2

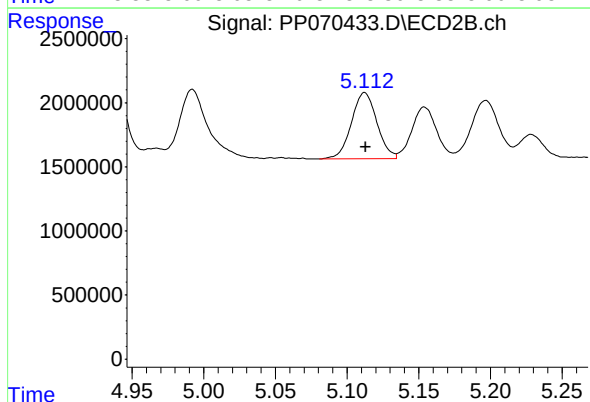
R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 11403170  
Conc: 271.89 ng/ml



#18 AR-1242-3

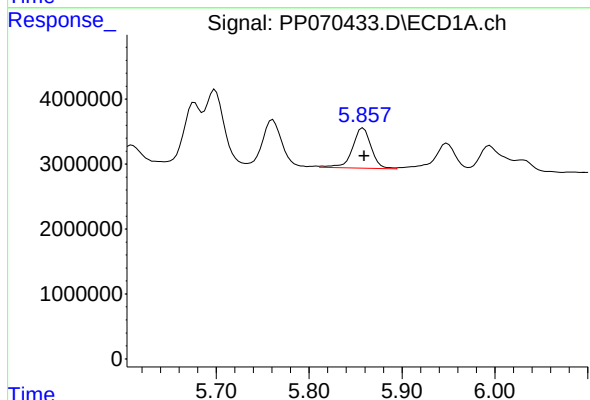
R.T.: 5.761 min  
Delta R.T.: -0.001 min  
Response: 10411351  
Conc: 269.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC250



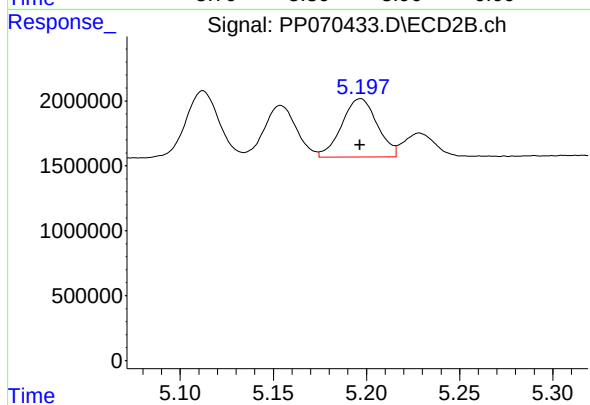
#18 AR-1242-3

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 6390296  
Conc: 268.53 ng/ml



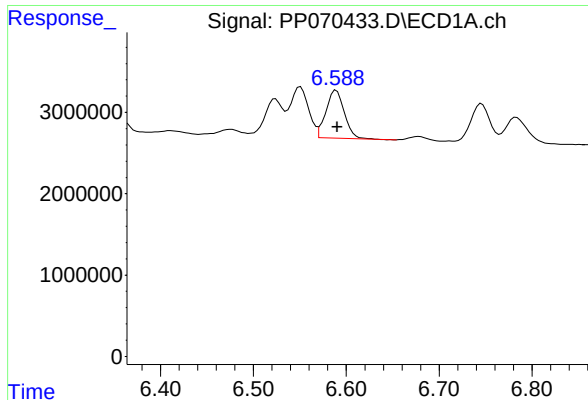
#19 AR-1242-4

R.T.: 5.858 min  
Delta R.T.: -0.001 min  
Response: 8770541  
Conc: 269.43 ng/ml



#19 AR-1242-4

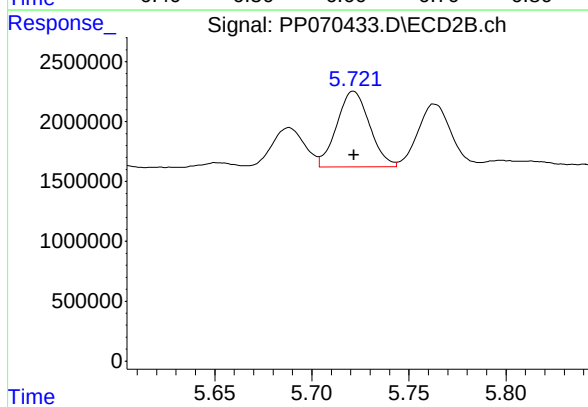
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 5985325  
Conc: 267.57 ng/ml



#20 AR-1242-5

R.T.: 6.589 min  
Delta R.T.: -0.001 min  
Response: 8174876  
Conc: 255.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC250



#20 AR-1242-5

R.T.: 5.721 min  
Delta R.T.: 0.000 min  
Response: 7415218  
Conc: 263.49 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070434.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 19:17  
 Operator : YP\AJ  
 Sample : AR1242ICC050  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:17:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:15:44 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...          | 4.525  | 3.828 | 7892451 | 5217010 | 4.971   | 5.216   |
| 2) SA Decachlor...          | 10.251 | 8.880 | 5096068 | 5757436 | 4.638   | 5.652   |
| Target Compounds            |        |       |         |         |         |         |
| 16) L4 AR-1242-1            | 5.675  | 4.915 | 2497316 | 1649451 | 57.433m | 54.664m |
| 17) L4 AR-1242-2            | 5.698  | 4.933 | 3012916 | 2482544 | 48.417m | 59.192m |
| 18) L4 AR-1242-3            | 5.760  | 5.112 | 1673238 | 1256336 | 43.289m | 52.792  |
| 19) L4 AR-1242-4            | 5.858  | 5.196 | 1635861 | 1093177 | 50.253m | 48.870  |
| 20) L4 AR-1242-5            | 6.589  | 5.721 | 1456532 | 1442093 | 45.501  | 51.243  |
| -----                       |        |       |         |         |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070434.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 19:17  
Operator : YP\AJ  
Sample : AR1242ICC050  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

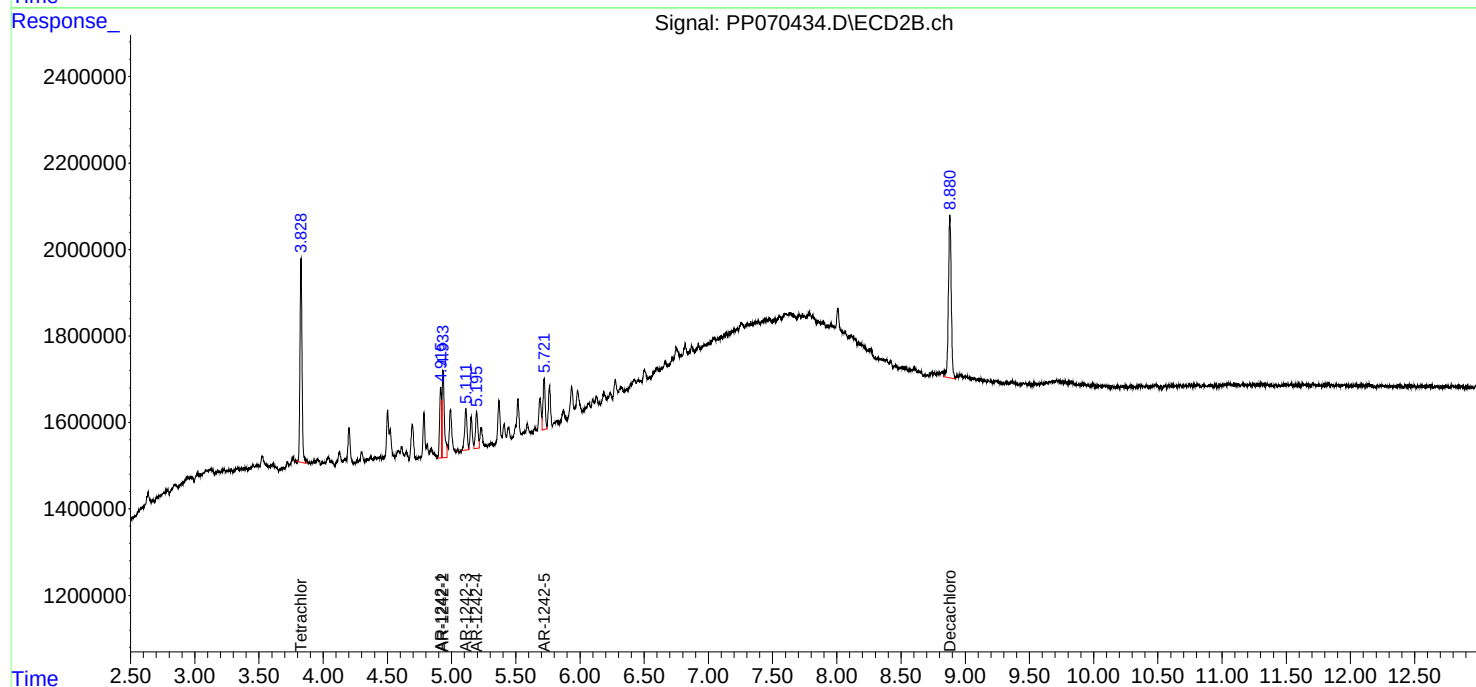
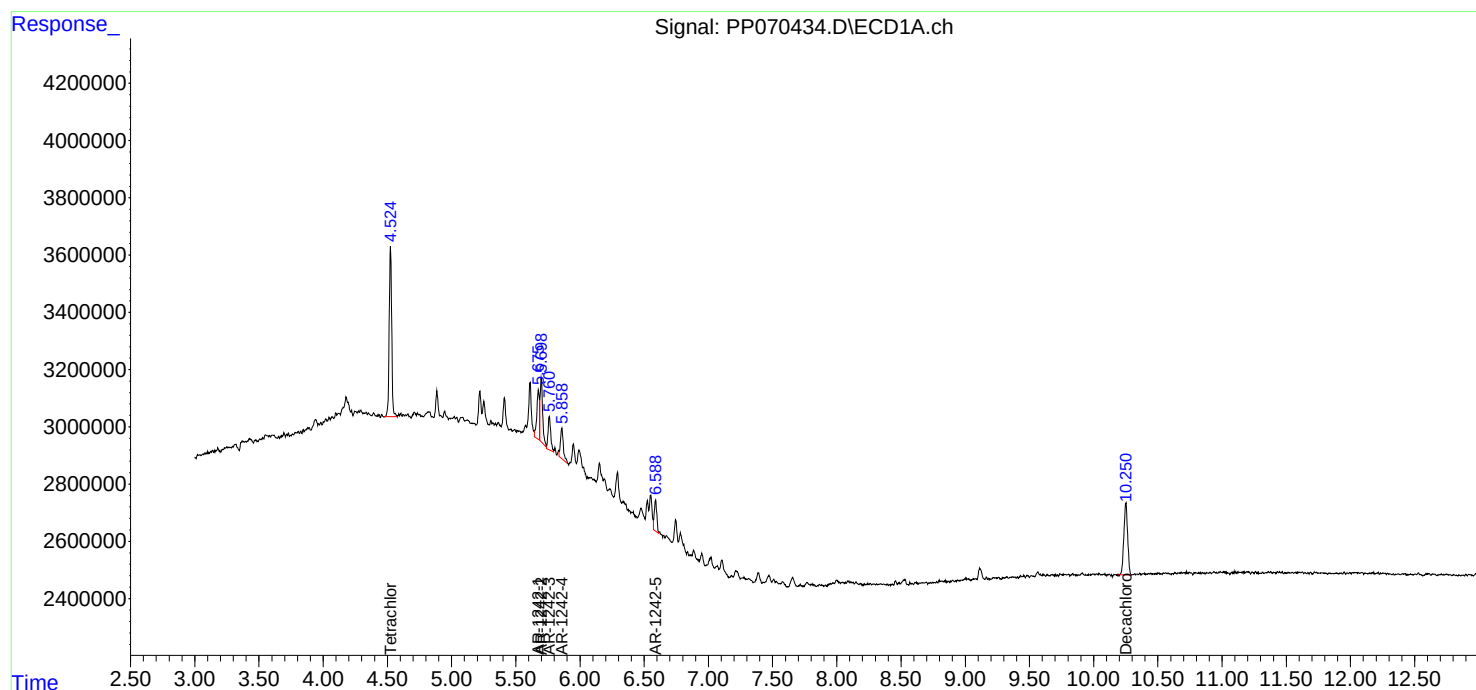
Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

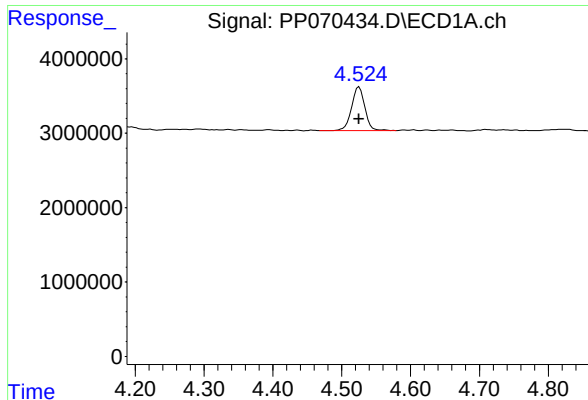
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:17:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:15:44 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





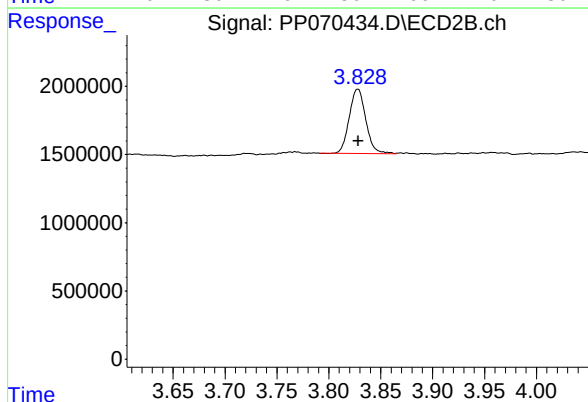
## #1 Tetrachloro-m-xylene

R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 7892451  
Conc: 4.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

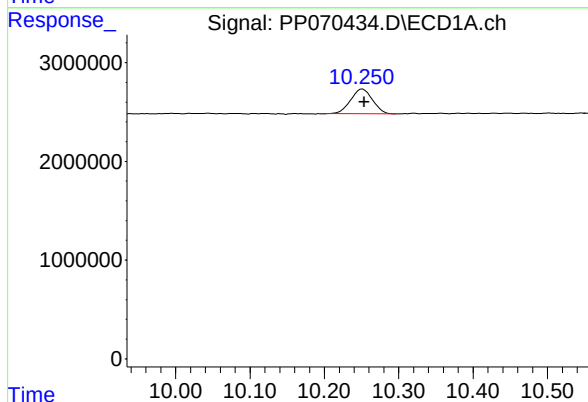
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



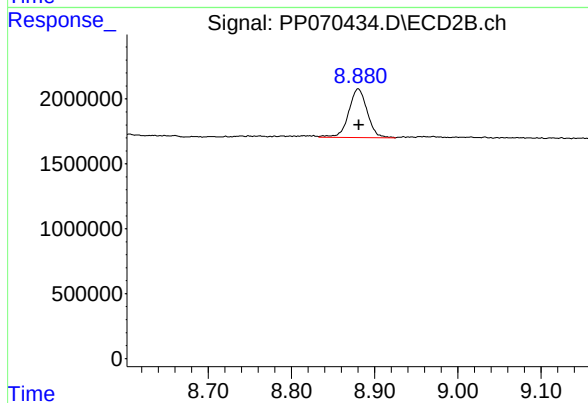
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 5217010  
Conc: 5.22 ng/ml



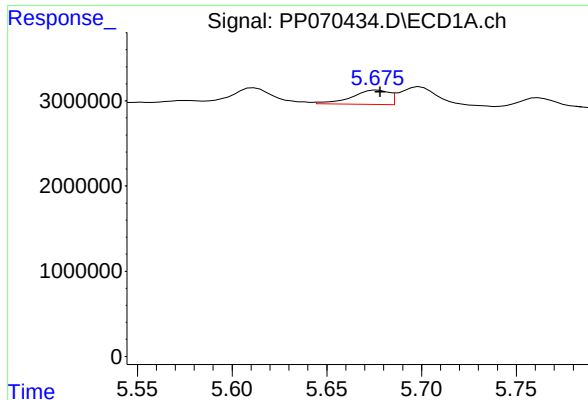
## #2 Decachlorobiphenyl

R.T.: 10.251 min  
Delta R.T.: -0.002 min  
Response: 5096068  
Conc: 4.64 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.880 min  
Delta R.T.: 0.000 min  
Response: 5757436  
Conc: 5.65 ng/ml



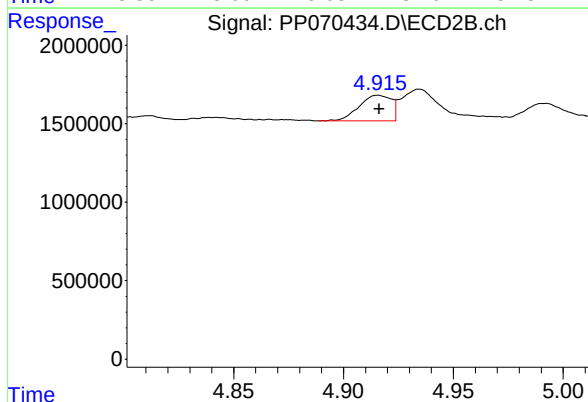
#16 AR-1242-1

R.T.: 5.675 min  
Delta R.T.: -0.003 min  
Response: 2497316  
Conc: 57.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

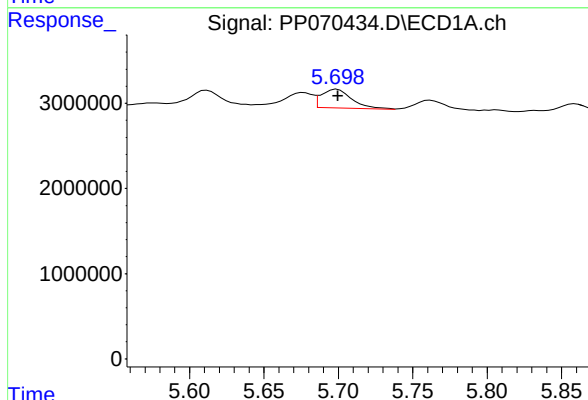
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



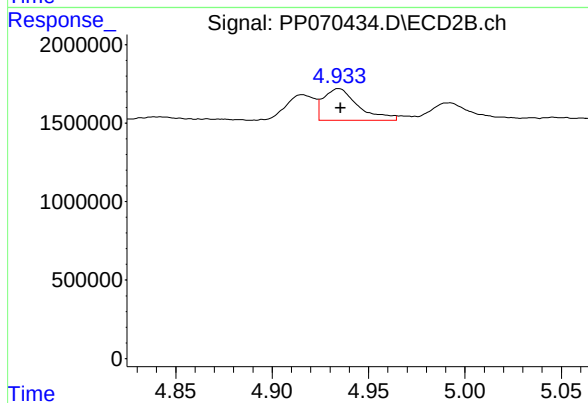
#16 AR-1242-1

R.T.: 4.915 min  
Delta R.T.: 0.000 min  
Response: 1649451  
Conc: 54.66 ng/ml



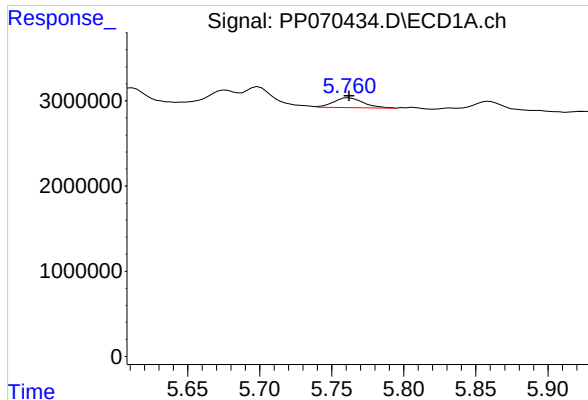
#17 AR-1242-2

R.T.: 5.698 min  
Delta R.T.: -0.002 min  
Response: 3012916  
Conc: 48.42 ng/ml



#17 AR-1242-2

R.T.: 4.933 min  
Delta R.T.: -0.002 min  
Response: 2482544  
Conc: 59.19 ng/ml



#18 AR-1242-3

R.T.: 5.760 min  
Delta R.T.: -0.002 min  
Response: 1673238  
Conc: 43.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025

#18 AR-1242-3

R.T.: 5.112 min  
Delta R.T.: -0.001 min  
Response: 1256336  
Conc: 52.79 ng/ml

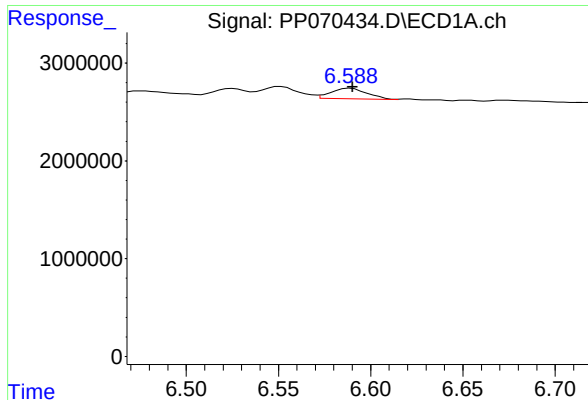
#19 AR-1242-4

R.T.: 5.858 min  
Delta R.T.: -0.002 min  
Response: 1635861  
Conc: 50.25 ng/ml m

#19 AR-1242-4

R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 1093177  
Conc: 48.87 ng/ml





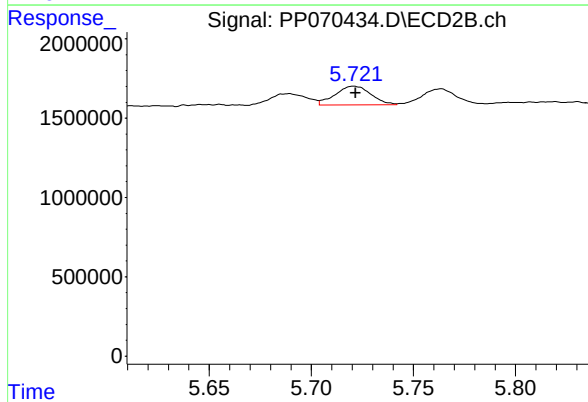
#20 AR-1242-5

R.T.: 6.589 min  
Delta R.T.: -0.001 min  
Response: 1456532  
Conc: 45.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



#20 AR-1242-5

R.T.: 5.721 min  
Delta R.T.: 0.000 min  
Response: 1442093  
Conc: 51.24 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070435.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 19:34  
 Operator : YP\AJ  
 Sample : AR1248ICC1000  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:28:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:27:44 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...          | 4.525  | 3.828 | 146.4E6  | 94860764 | 91.920  | 91.940  |
| 2) SA Decachlor...          | 10.253 | 8.881 | 101.9E6  | 93329063 | 91.773  | 93.312  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.677  | 4.916 | 30241509 | 21916865 | 879.841 | 907.978 |
| 22) L5 AR-1248-2            | 5.949  | 5.154 | 39839483 | 28154371 | 903.943 | 890.825 |
| 23) L5 AR-1248-3            | 6.152  | 5.196 | 43671743 | 29522180 | 923.824 | 895.847 |
| 24) L5 AR-1248-4            | 6.551  | 5.369 | 52673121 | 34974296 | 915.297 | 909.809 |
| 25) L5 AR-1248-5            | 6.590  | 5.763 | 49495855 | 34216861 | 911.872 | 888.224 |
| -----                       |        |       |          |          |         |         |

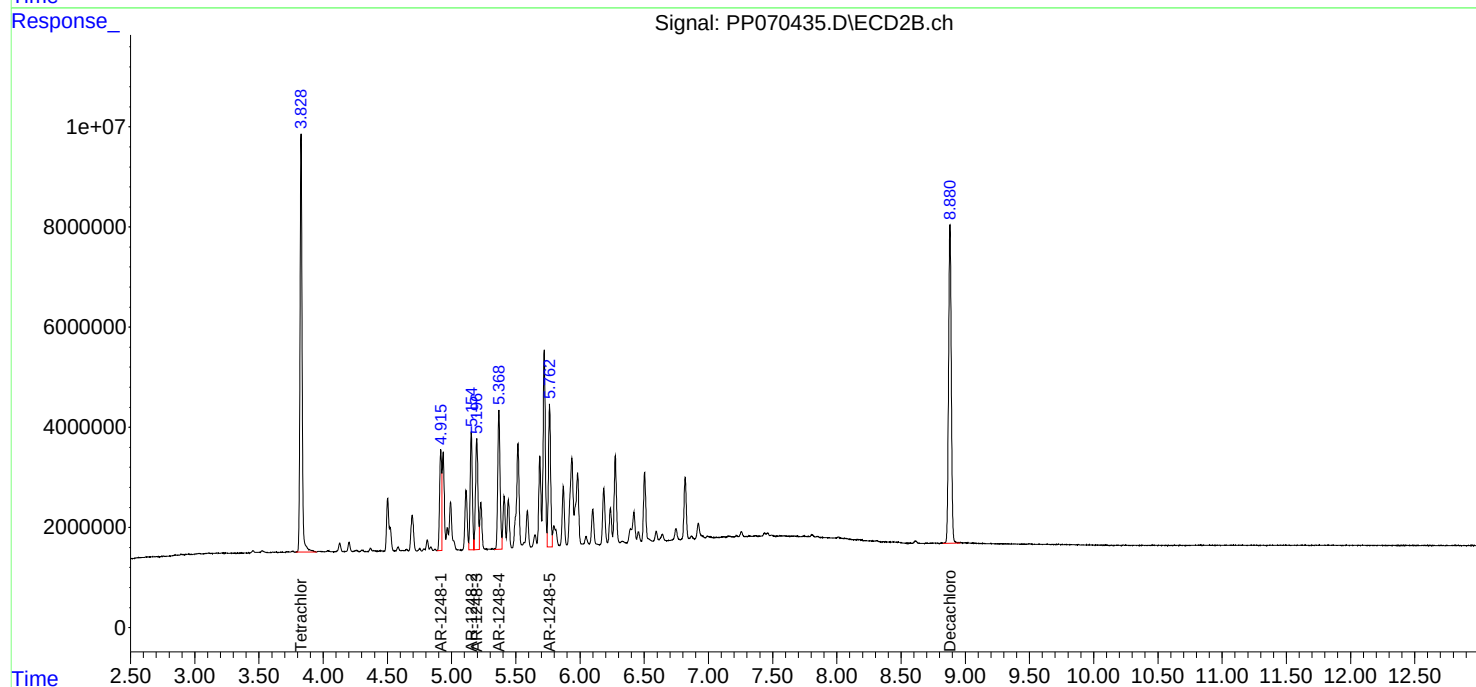
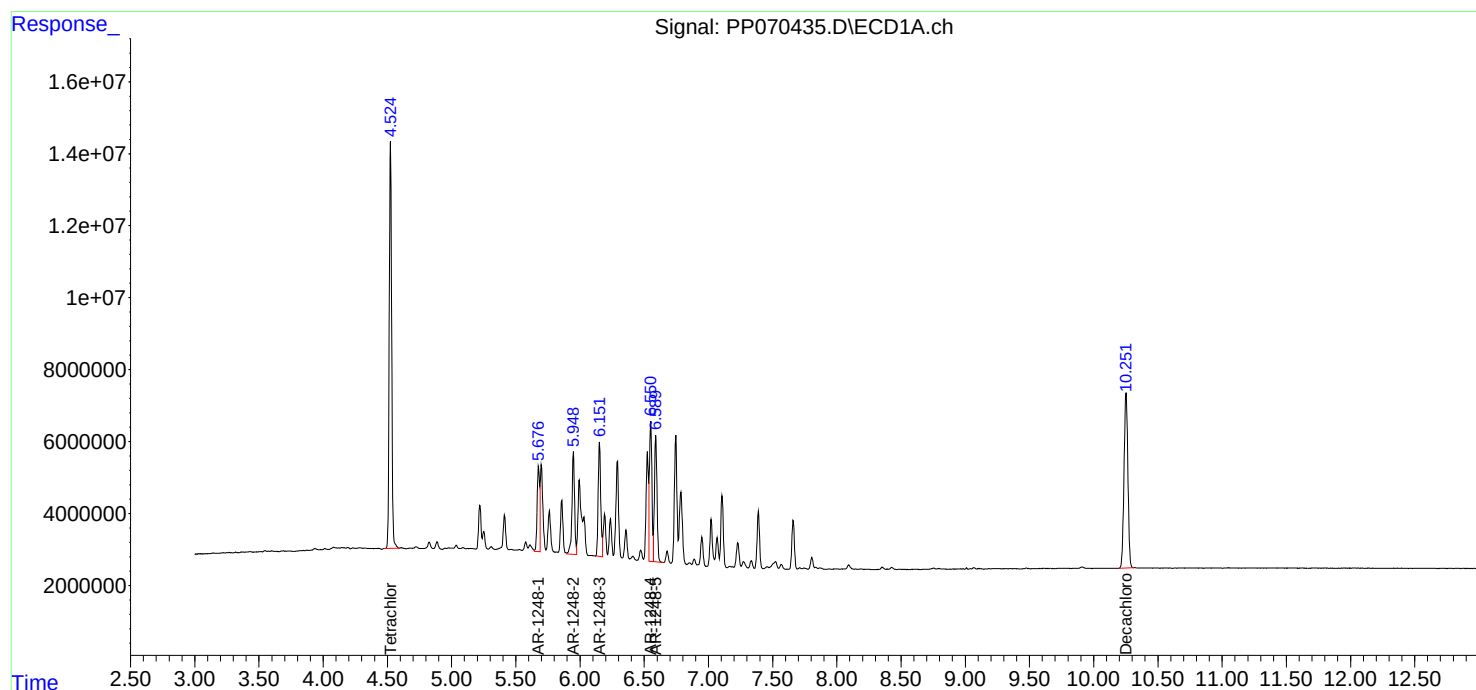
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

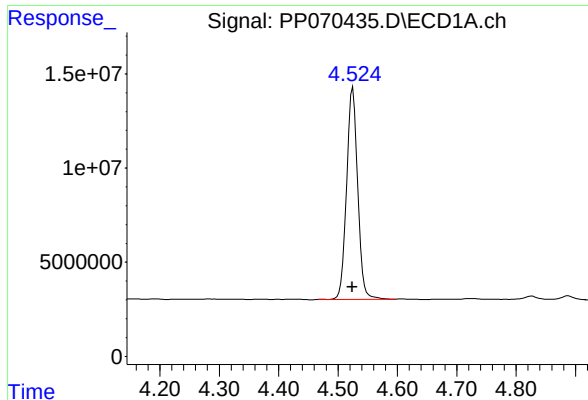
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070435.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 19:34  
Operator : YP\AJ  
Sample : AR1248ICC1000  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:28:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:27:44 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

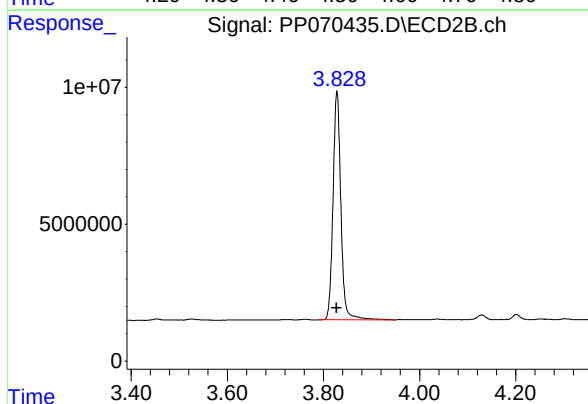




## #1 Tetrachloro-m-xylene

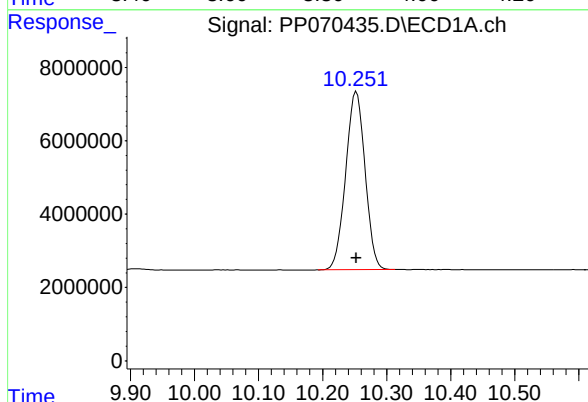
R.T.: 4.525 min  
Delta R.T.: 0.001 min  
Response: 146436711  
Conc: 91.92 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC1000



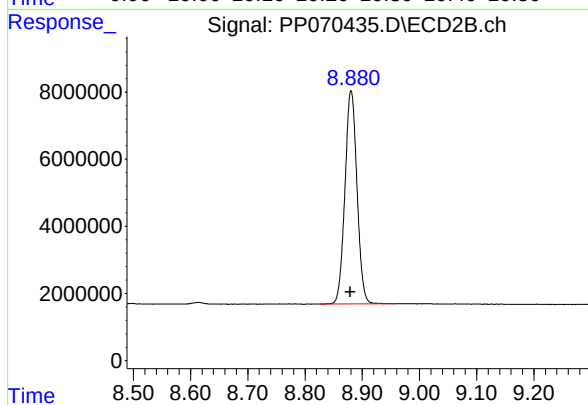
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 94860764  
Conc: 91.94 ng/ml



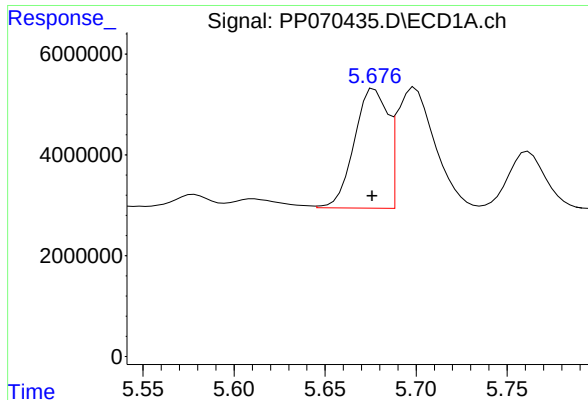
## #2 Decachlorobiphenyl

R.T.: 10.253 min  
Delta R.T.: 0.000 min  
Response: 101874553  
Conc: 91.77 ng/ml



## #2 Decachlorobiphenyl

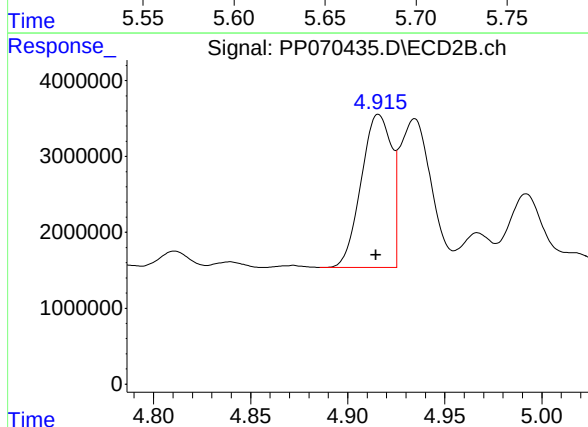
R.T.: 8.881 min  
Delta R.T.: 0.001 min  
Response: 93329063  
Conc: 93.31 ng/ml



#21 AR-1248-1

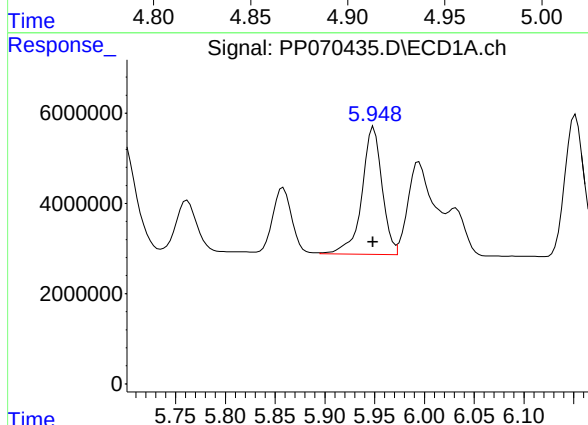
R.T.: 5.677 min  
Delta R.T.: 0.001 min  
Response: 30241509  
Conc: 879.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC1000



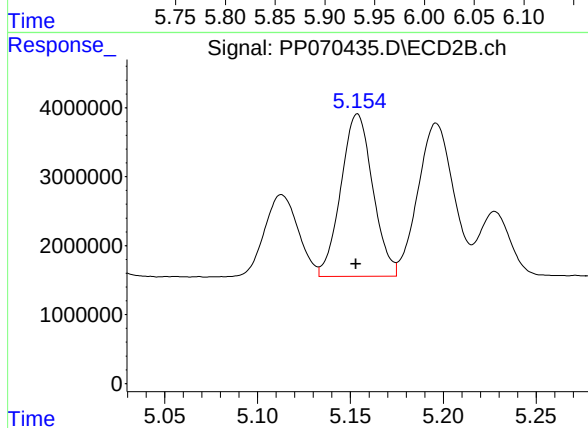
#21 AR-1248-1

R.T.: 4.916 min  
Delta R.T.: 0.001 min  
Response: 21916865  
Conc: 907.98 ng/ml



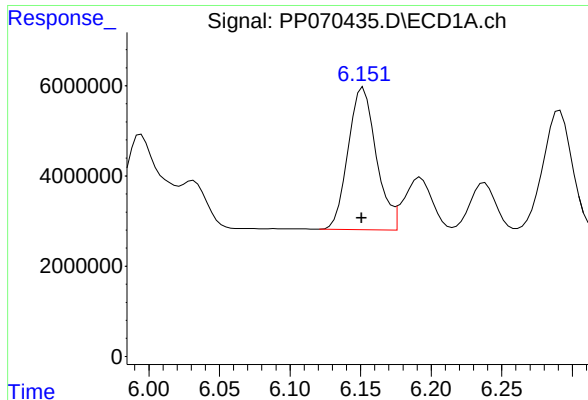
#22 AR-1248-2

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 39839483  
Conc: 903.94 ng/ml



#22 AR-1248-2

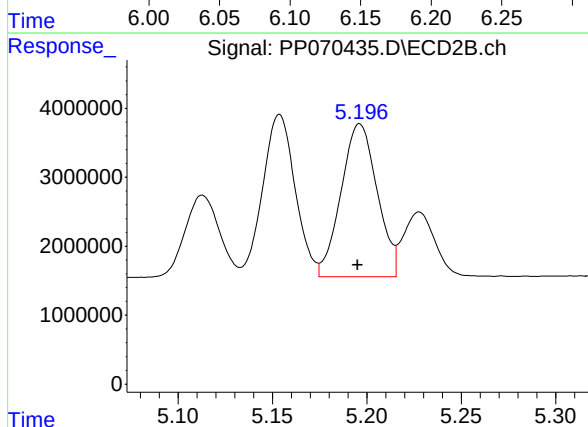
R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 28154371  
Conc: 890.83 ng/ml



#23 AR-1248-3

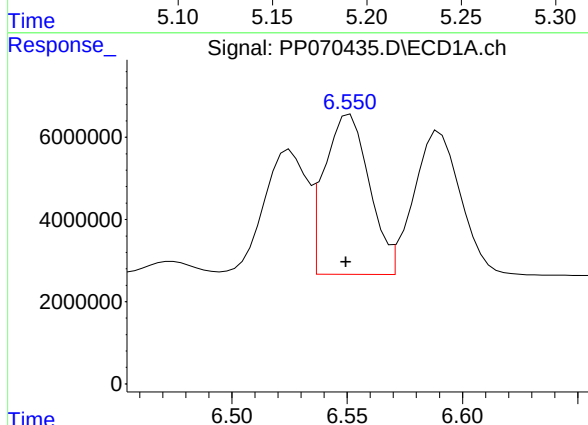
R.T.: 6.152 min  
Delta R.T.: 0.001 min  
Response: 43671743  
Conc: 923.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC1000



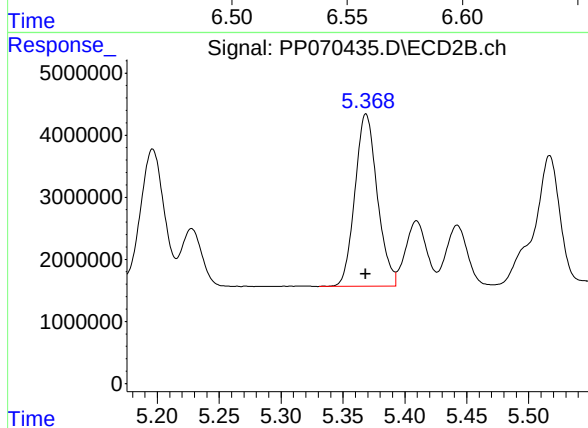
#23 AR-1248-3

R.T.: 5.196 min  
Delta R.T.: 0.001 min  
Response: 29522180  
Conc: 895.85 ng/ml



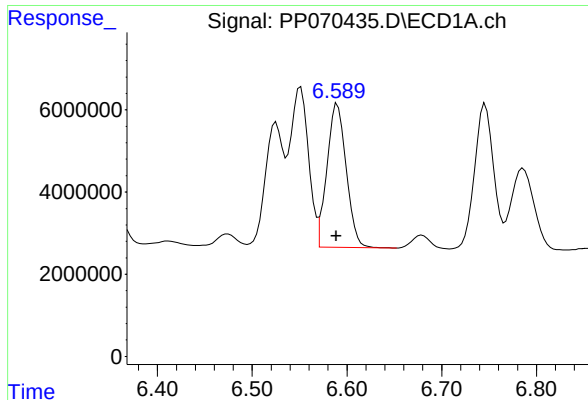
#24 AR-1248-4

R.T.: 6.551 min  
Delta R.T.: 0.002 min  
Response: 52673121  
Conc: 915.30 ng/ml



#24 AR-1248-4

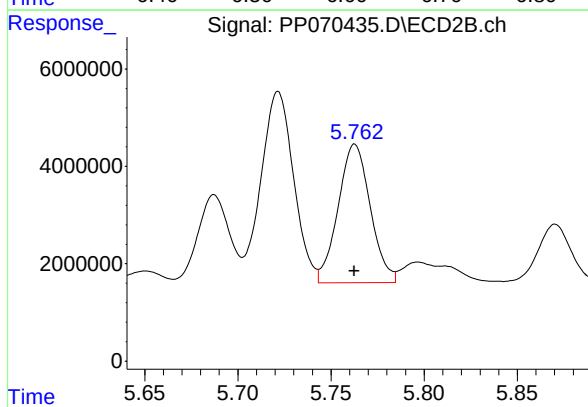
R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 34974296  
Conc: 909.81 ng/ml



#25 AR-1248-5

R.T.: 6.590 min  
Delta R.T.: 0.001 min  
Response: 49495855  
Conc: 911.87 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.763 min  
Delta R.T.: 0.000 min  
Response: 34216861  
Conc: 888.22 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070436.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 19:50  
 Operator : YP\AJ  
 Sample : AR1248ICC750  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:28:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:27:44 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...          | 4.524  | 3.829 | 113.2E6  | 73390816 | 71.068  | 71.131  |
| 2) SA Decachlor...          | 10.251 | 8.881 | 79880946 | 73652526 | 71.961  | 73.639  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.676  | 4.916 | 23877530 | 16604955 | 694.689 | 687.915 |
| 22) L5 AR-1248-2            | 5.948  | 5.154 | 31299442 | 21860304 | 710.173 | 691.676 |
| 23) L5 AR-1248-3            | 6.151  | 5.196 | 34151551 | 22815999 | 722.436 | 692.349 |
| 24) L5 AR-1248-4            | 6.550  | 5.369 | 41100725 | 26820014 | 714.205 | 697.687 |
| 25) L5 AR-1248-5            | 6.589  | 5.763 | 39169453 | 26657299 | 721.627 | 691.988 |
| -----                       |        |       |          |          |         |         |

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

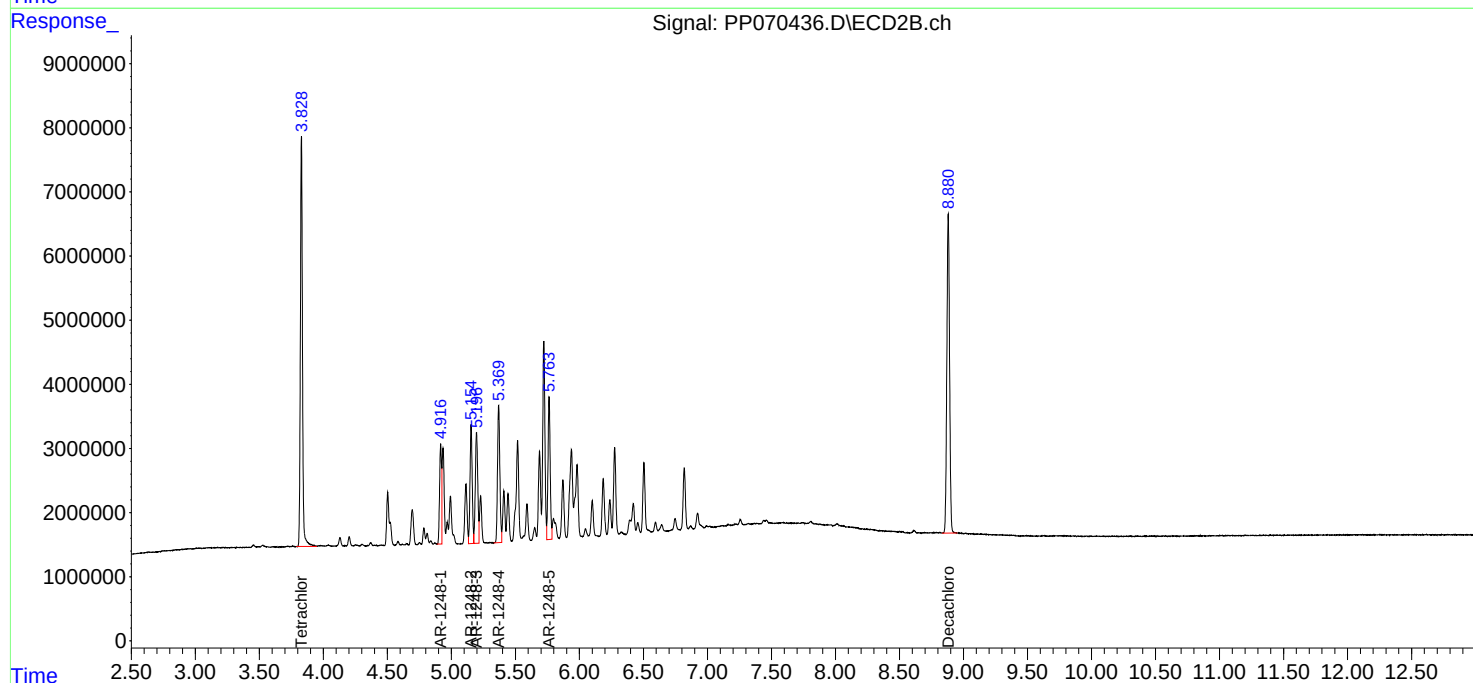
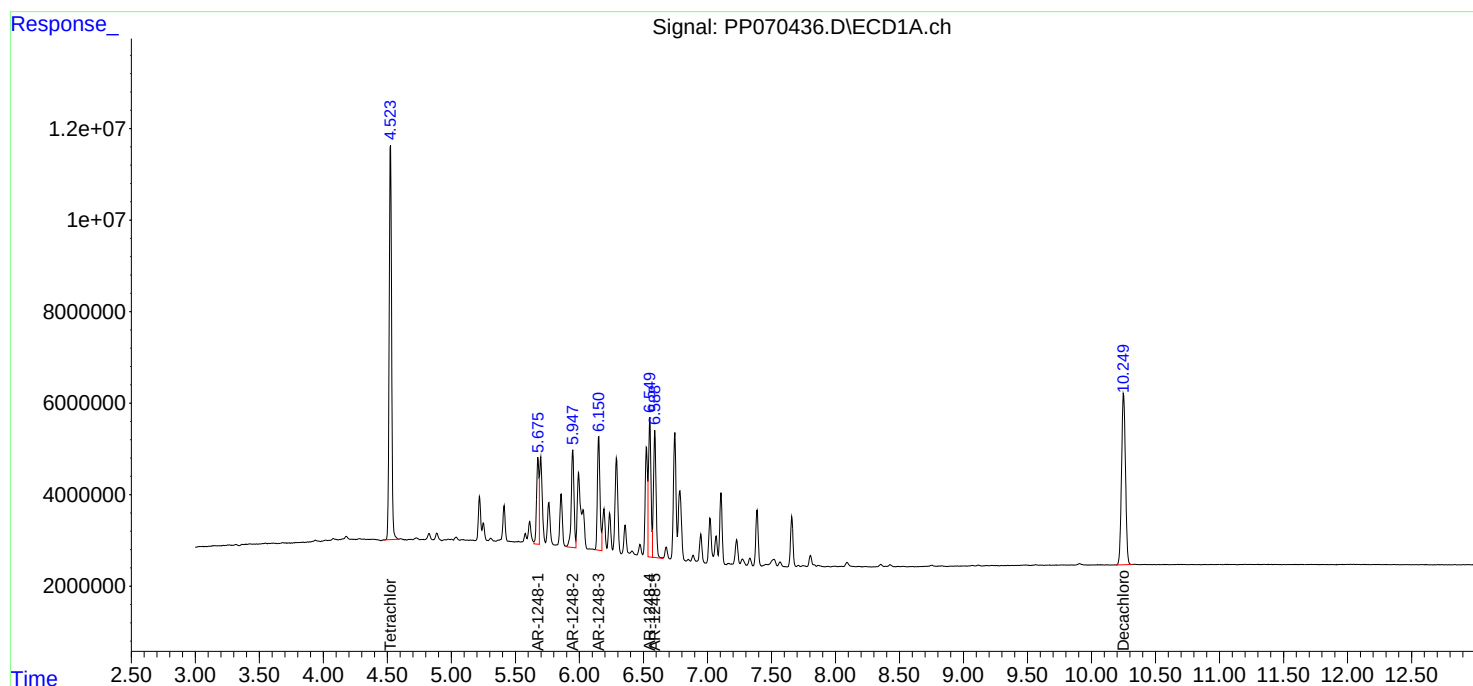


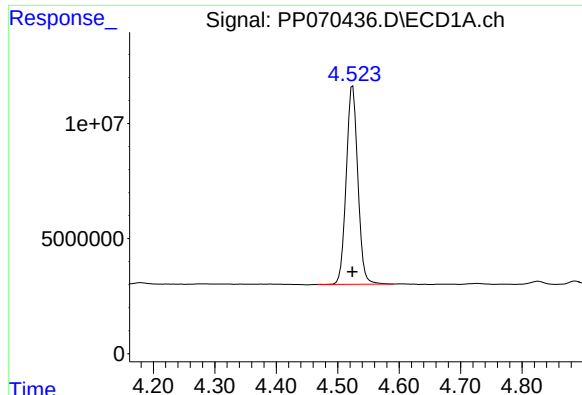
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070436.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 19:50  
Operator : YP\AJ  
Sample : AR1248ICC750  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:28:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:27:44 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

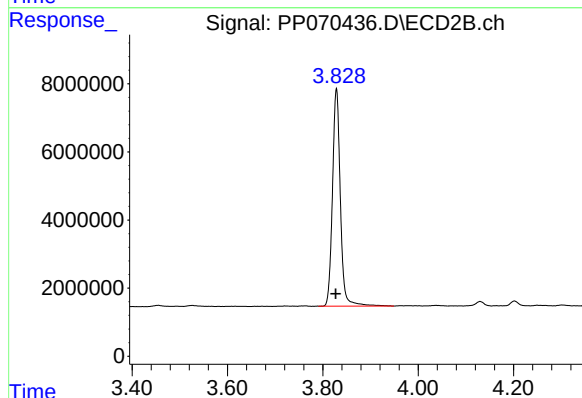




## #1 Tetrachloro-m-xylene

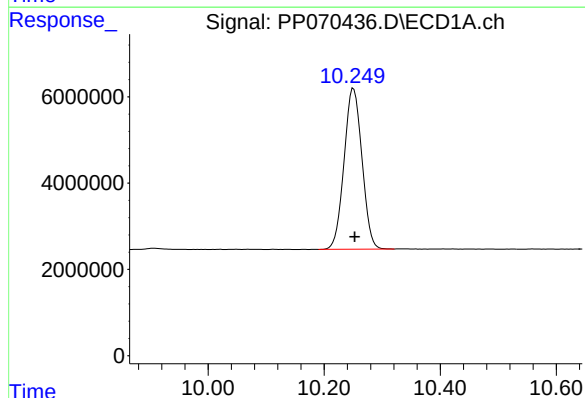
R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 113216265  
Conc: 71.07 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC750



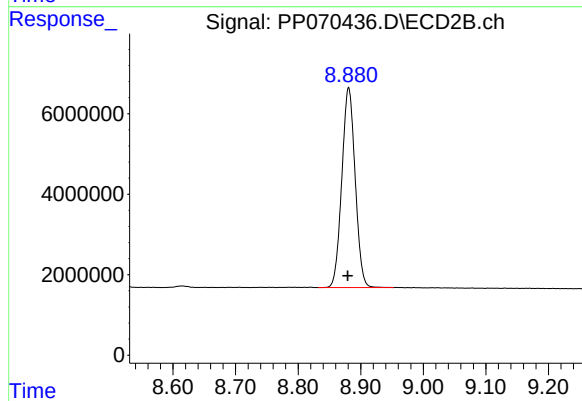
## #1 Tetrachloro-m-xylene

R.T.: 3.829 min  
Delta R.T.: 0.001 min  
Response: 73390816  
Conc: 71.13 ng/ml



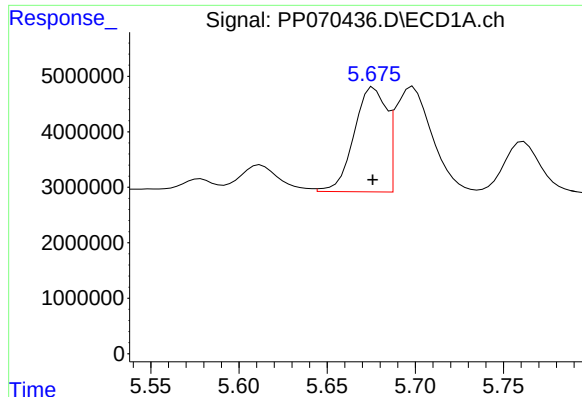
## #2 Decachlorobiphenyl

R.T.: 10.251 min  
Delta R.T.: -0.002 min  
Response: 79880946  
Conc: 71.96 ng/ml



## #2 Decachlorobiphenyl

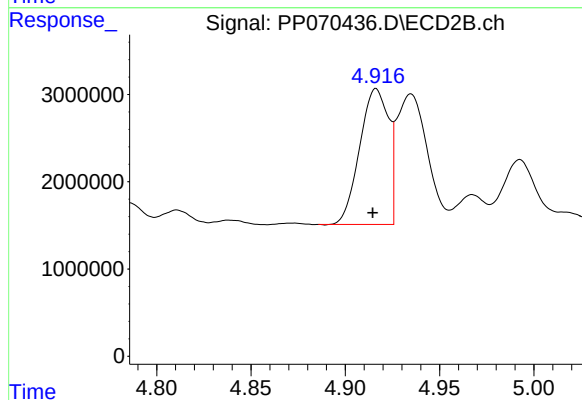
R.T.: 8.881 min  
Delta R.T.: 0.001 min  
Response: 73652526  
Conc: 73.64 ng/ml



#21 AR-1248-1

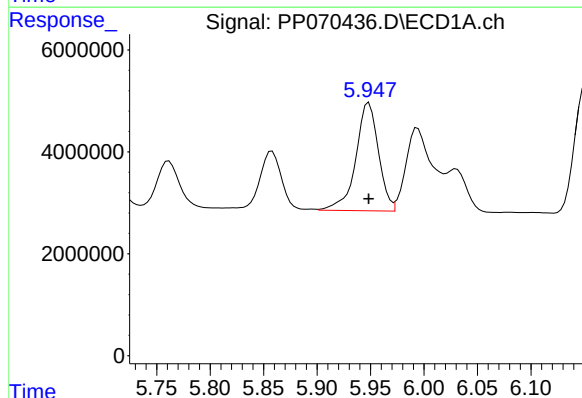
R.T.: 5.676 min  
Delta R.T.: 0.000 min  
Response: 23877530  
Conc: 694.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC750



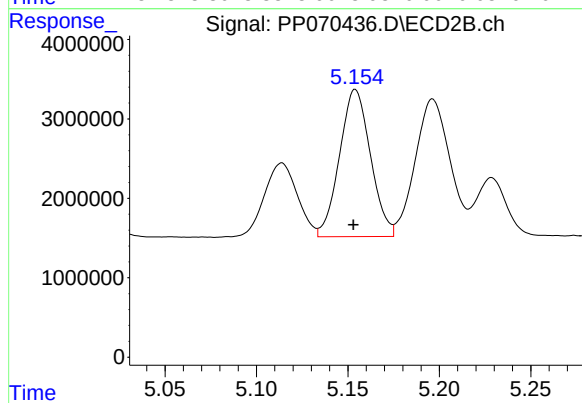
#21 AR-1248-1

R.T.: 4.916 min  
Delta R.T.: 0.002 min  
Response: 16604955  
Conc: 687.91 ng/ml



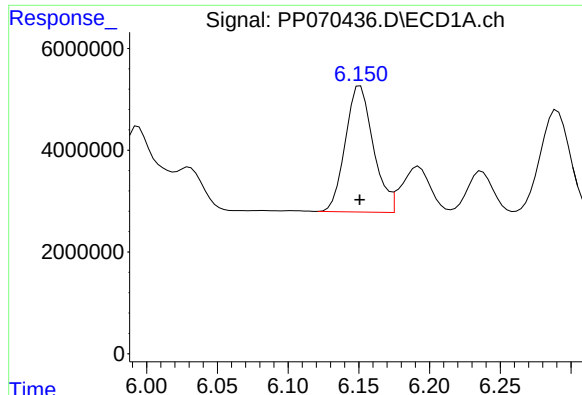
#22 AR-1248-2

R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 31299442  
Conc: 710.17 ng/ml



#22 AR-1248-2

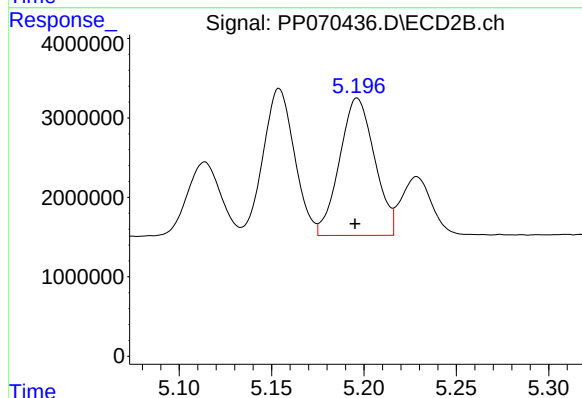
R.T.: 5.154 min  
Delta R.T.: 0.001 min  
Response: 21860304  
Conc: 691.68 ng/ml



#23 AR-1248-3

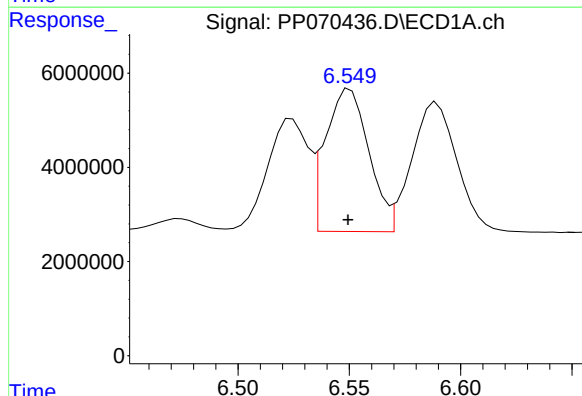
R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 34151551  
Conc: 722.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC750



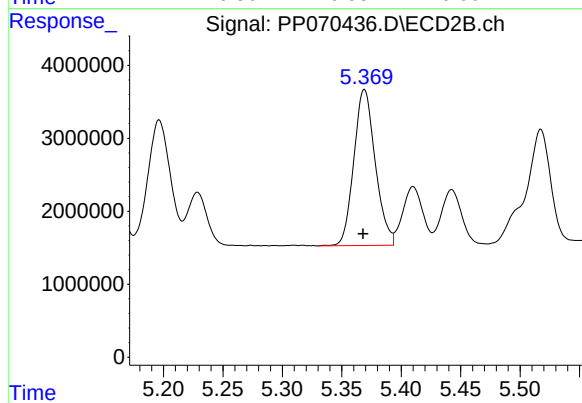
#23 AR-1248-3

R.T.: 5.196 min  
Delta R.T.: 0.001 min  
Response: 22815999  
Conc: 692.35 ng/ml



#24 AR-1248-4

R.T.: 6.550 min  
Delta R.T.: 0.000 min  
Response: 41100725  
Conc: 714.20 ng/ml



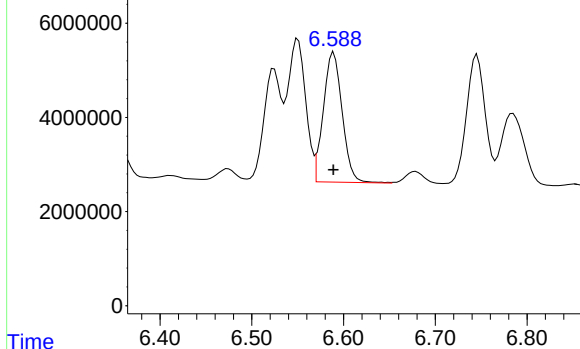
#24 AR-1248-4

R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 26820014  
Conc: 697.69 ng/ml

Response\_

Signal: PP070436.D\ECD1A.ch

#25 AR-1248-5



R.T.: 6.589 min  
Delta R.T.: 0.000 min  
Response: 39169453  
Conc: 721.63 ng/ml

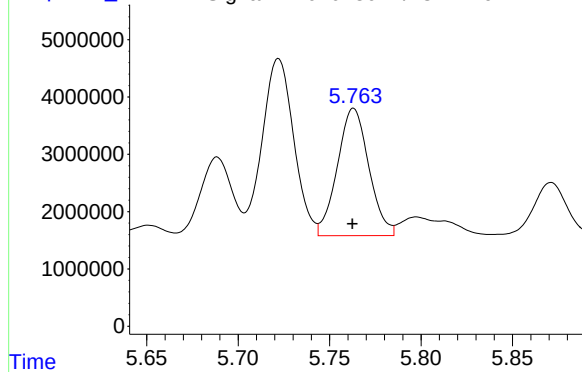
Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC750

Time

Response\_

Signal: PP070436.D\ECD2B.ch

#25 AR-1248-5



R.T.: 5.763 min  
Delta R.T.: 0.000 min  
Response: 26657299  
Conc: 691.99 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070437.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 20:06  
 Operator : YP\AJ  
 Sample : AR1248ICC500  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:28:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:27:44 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...          | 4.524  | 3.828 | 79654020 | 51588428 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.252 | 8.879 | 55503319 | 50009409 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.676  | 4.915 | 17185780 | 12069051 | 500.000 | 500.000 |
| 22) L5 AR-1248-2            | 5.948  | 5.153 | 22036493 | 15802407 | 500.000 | 500.000 |
| 23) L5 AR-1248-3            | 6.151  | 5.195 | 23636389 | 16477236 | 500.000 | 500.000 |
| 24) L5 AR-1248-4            | 6.550  | 5.368 | 28773776 | 19220672 | 500.000 | 500.000 |
| 25) L5 AR-1248-5            | 6.589  | 5.762 | 27139688 | 19261400 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

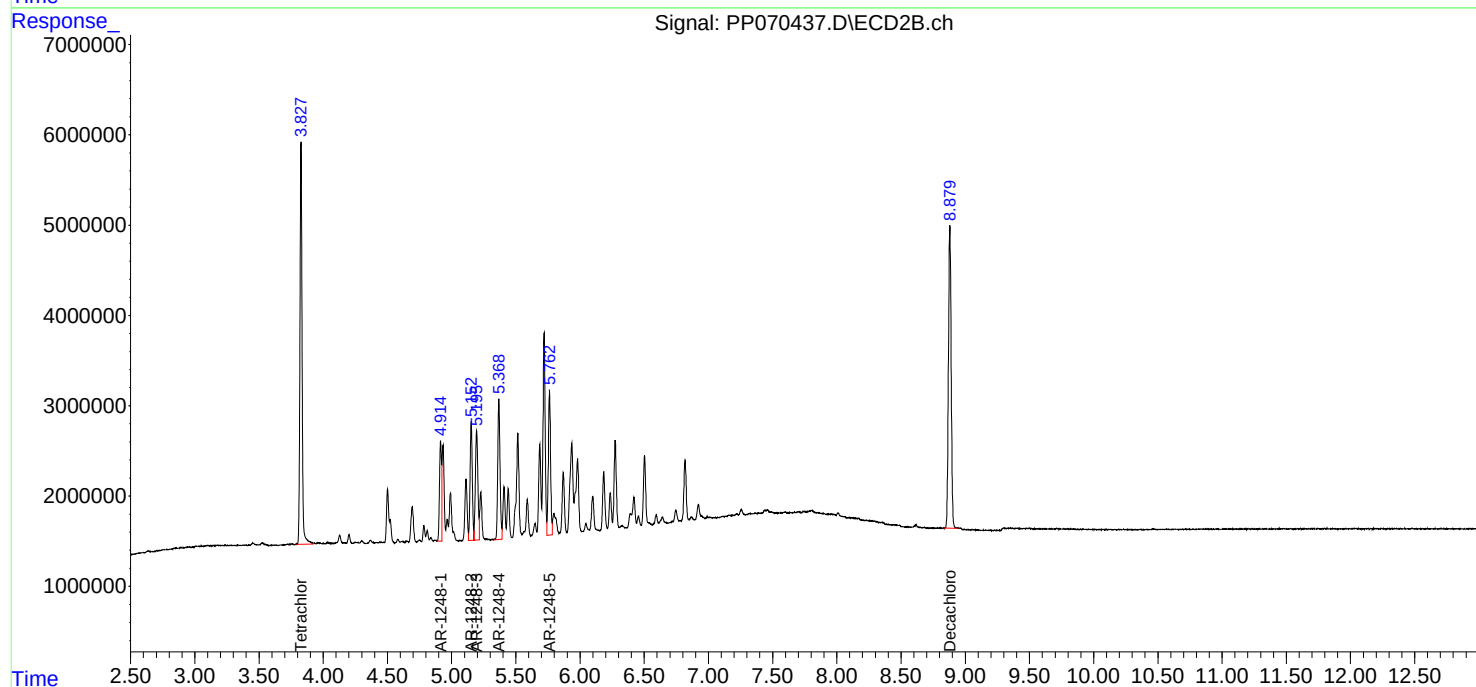
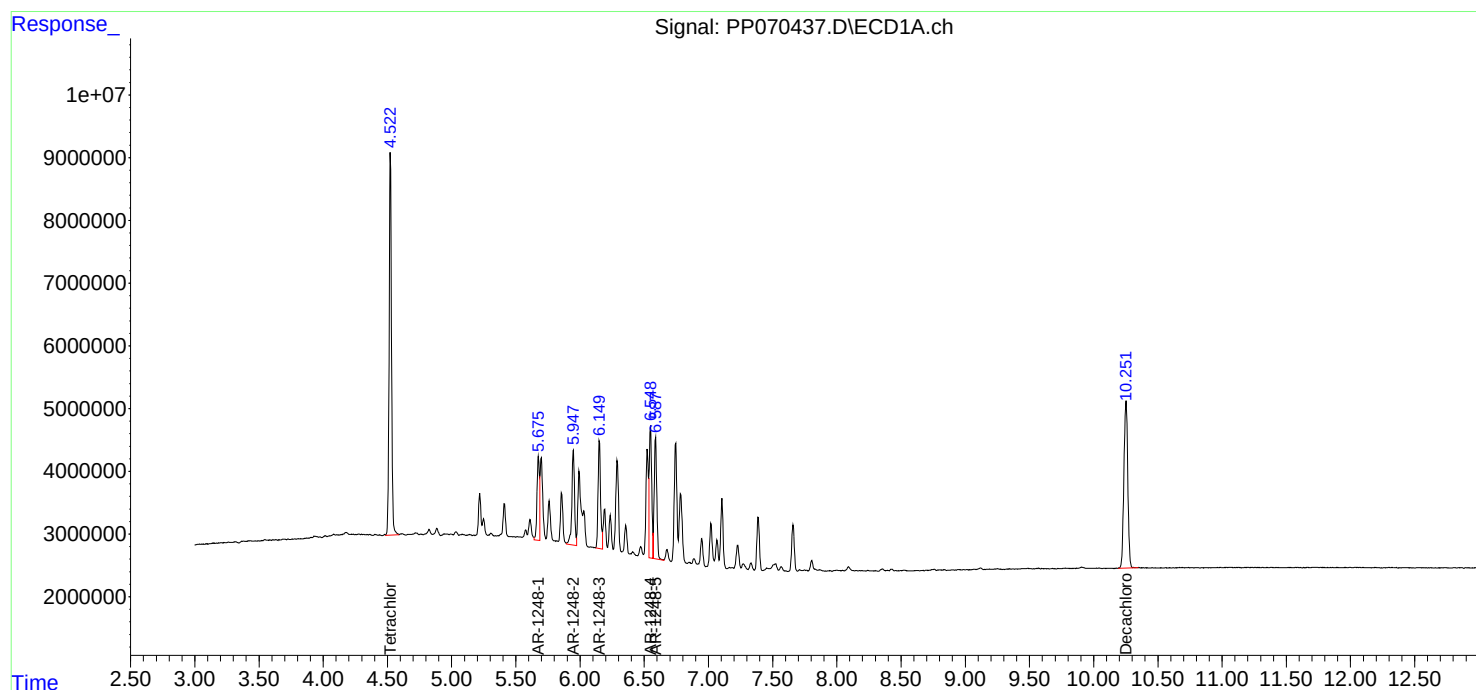
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

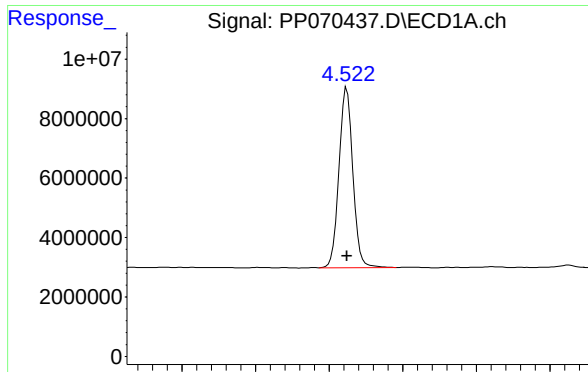
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070437.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 20:06  
Operator : YP\AJ  
Sample : AR1248ICC500  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:28:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:27:44 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

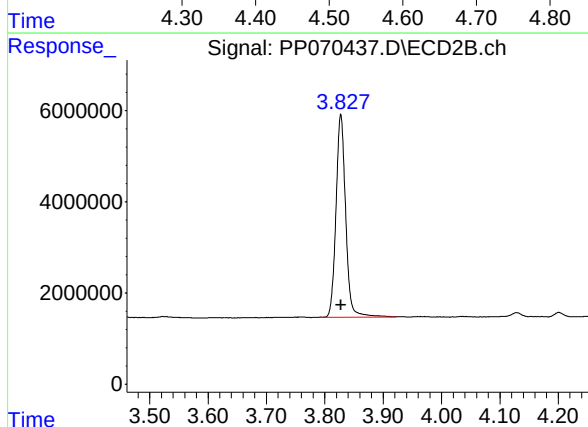




## #1 Tetrachloro-m-xylene

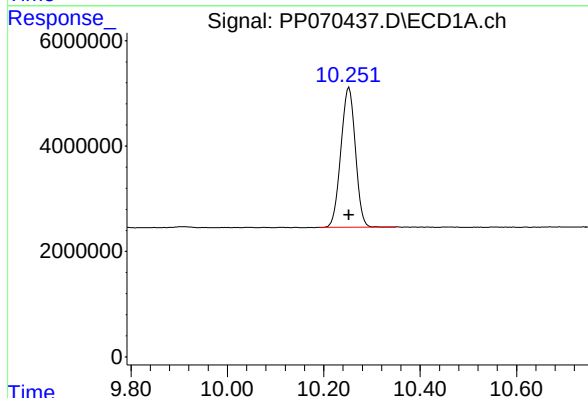
R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 79654020  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



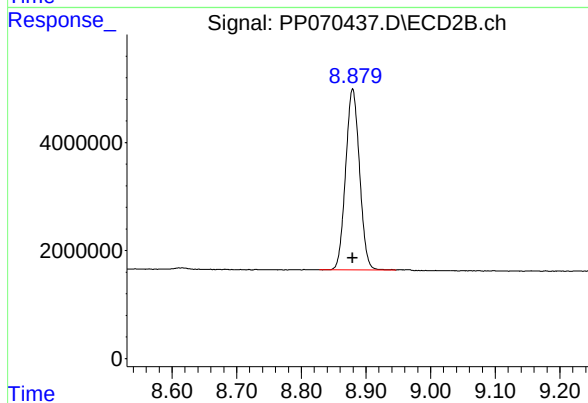
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 51588428  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

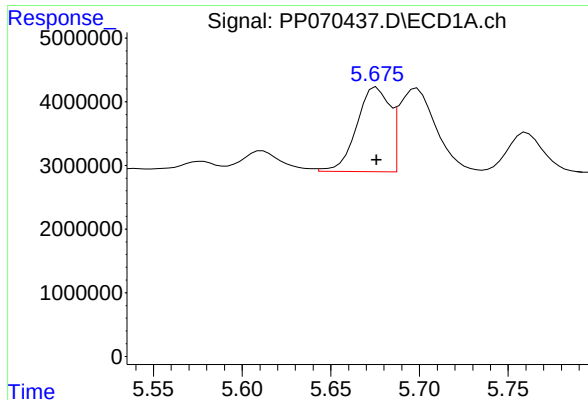
R.T.: 10.252 min  
Delta R.T.: 0.000 min  
Response: 55503319  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.879 min  
Delta R.T.: 0.000 min  
Response: 50009409  
Conc: 50.00 ng/ml

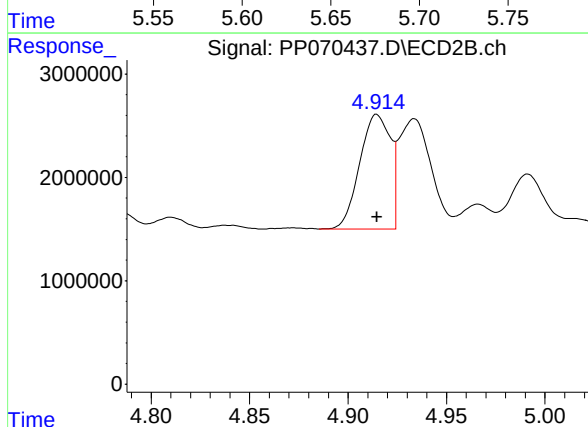




#21 AR-1248-1

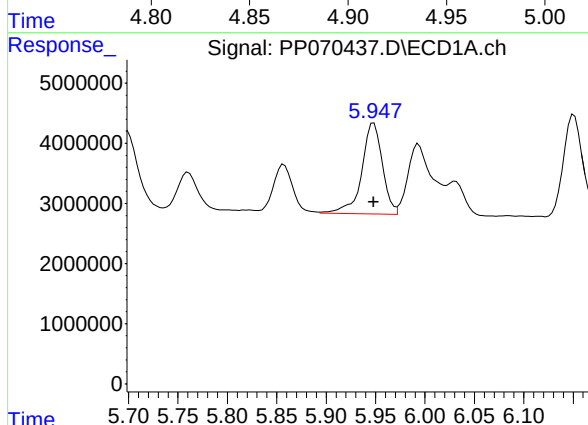
R.T.: 5.676 min  
Delta R.T.: 0.000 min  
Response: 17185780  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



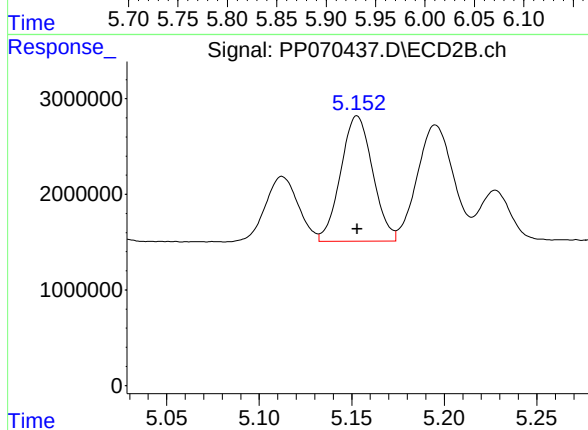
#21 AR-1248-1

R.T.: 4.915 min  
Delta R.T.: 0.000 min  
Response: 12069051  
Conc: 500.00 ng/ml



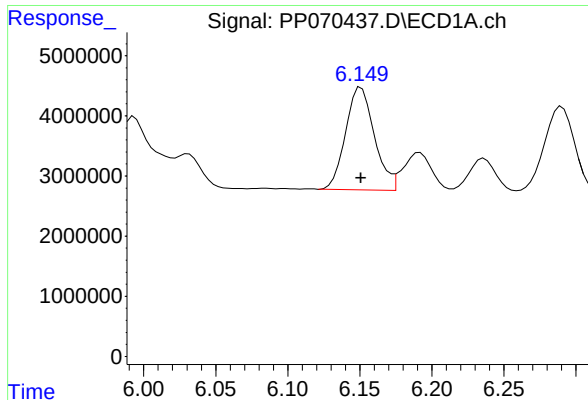
#22 AR-1248-2

R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 22036493  
Conc: 500.00 ng/ml



#22 AR-1248-2

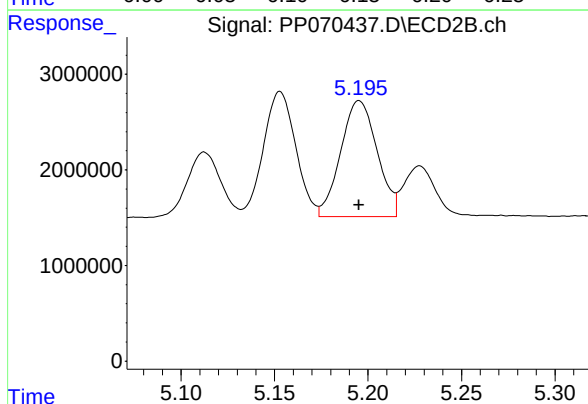
R.T.: 5.153 min  
Delta R.T.: 0.000 min  
Response: 15802407  
Conc: 500.00 ng/ml



#23 AR-1248-3

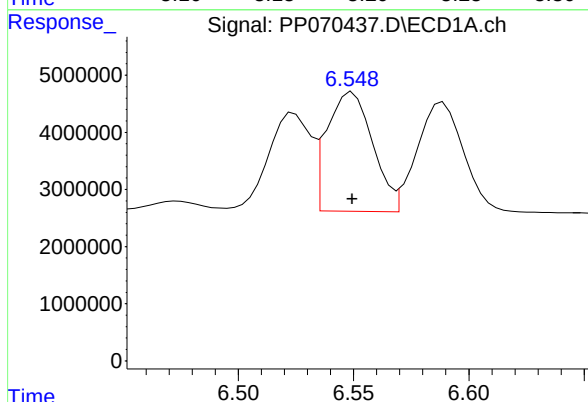
R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 23636389  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



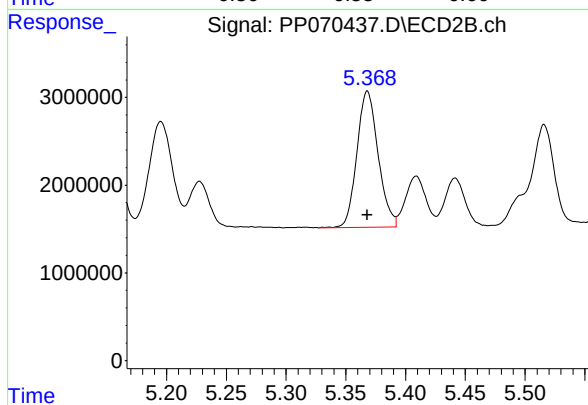
#23 AR-1248-3

R.T.: 5.195 min  
Delta R.T.: 0.000 min  
Response: 16477236  
Conc: 500.00 ng/ml



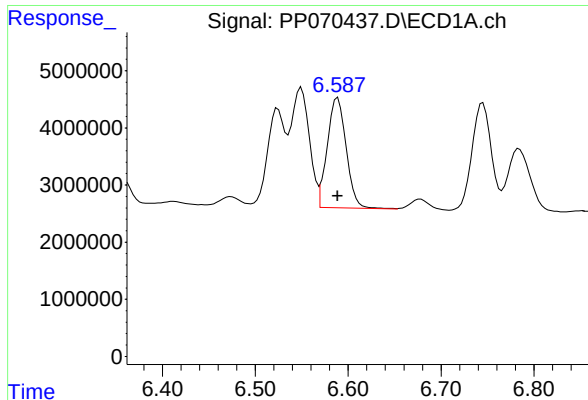
#24 AR-1248-4

R.T.: 6.550 min  
Delta R.T.: 0.000 min  
Response: 28773776  
Conc: 500.00 ng/ml



#24 AR-1248-4

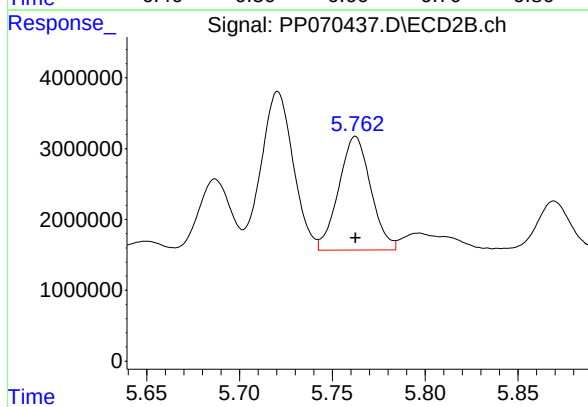
R.T.: 5.368 min  
Delta R.T.: 0.000 min  
Response: 19220672  
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.589 min  
Delta R.T.: 0.000 min  
Response: 27139688  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



#25 AR-1248-5

R.T.: 5.762 min  
Delta R.T.: 0.000 min  
Response: 19261400  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070438.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 20:22  
 Operator : YP\AJ  
 Sample : AR1248ICC250  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:29:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:27:44 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...          | 4.524  | 3.828 | 41374738 | 26771120 | 25.972  | 25.947  |
| 2) SA Decachlor...          | 10.251 | 8.880 | 29104206 | 26702465 | 26.218  | 26.697  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.676  | 4.915 | 9469927  | 6320408  | 275.516 | 261.844 |
| 22) L5 AR-1248-2            | 5.948  | 5.154 | 11796932 | 8326683  | 267.668 | 263.462 |
| 23) L5 AR-1248-3            | 6.151  | 5.196 | 12207368 | 8590669  | 258.233 | 260.683 |
| 24) L5 AR-1248-4            | 6.550  | 5.369 | 15337045 | 10215741 | 266.511 | 265.749 |
| 25) L5 AR-1248-5            | 6.589  | 5.762 | 14358955 | 10127337 | 264.538 | 262.892 |
| -----                       |        |       |          |          |         |         |

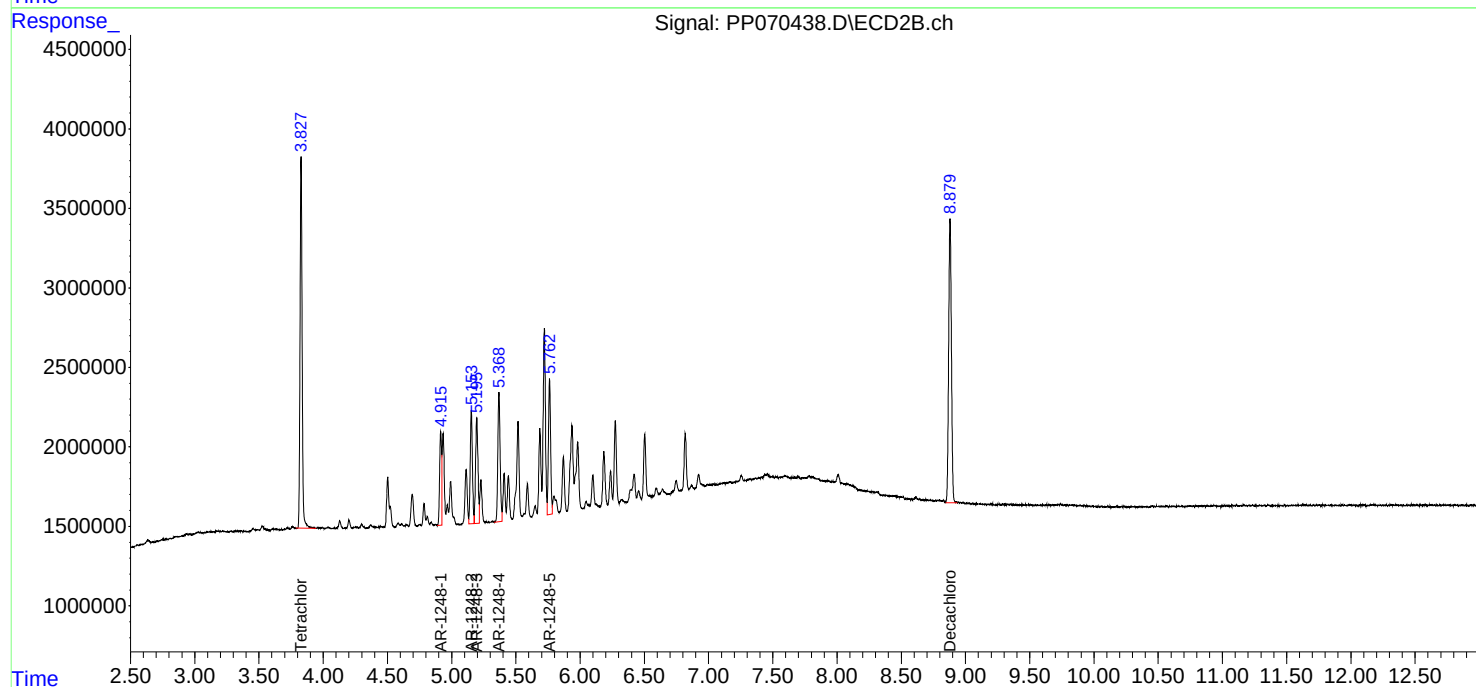
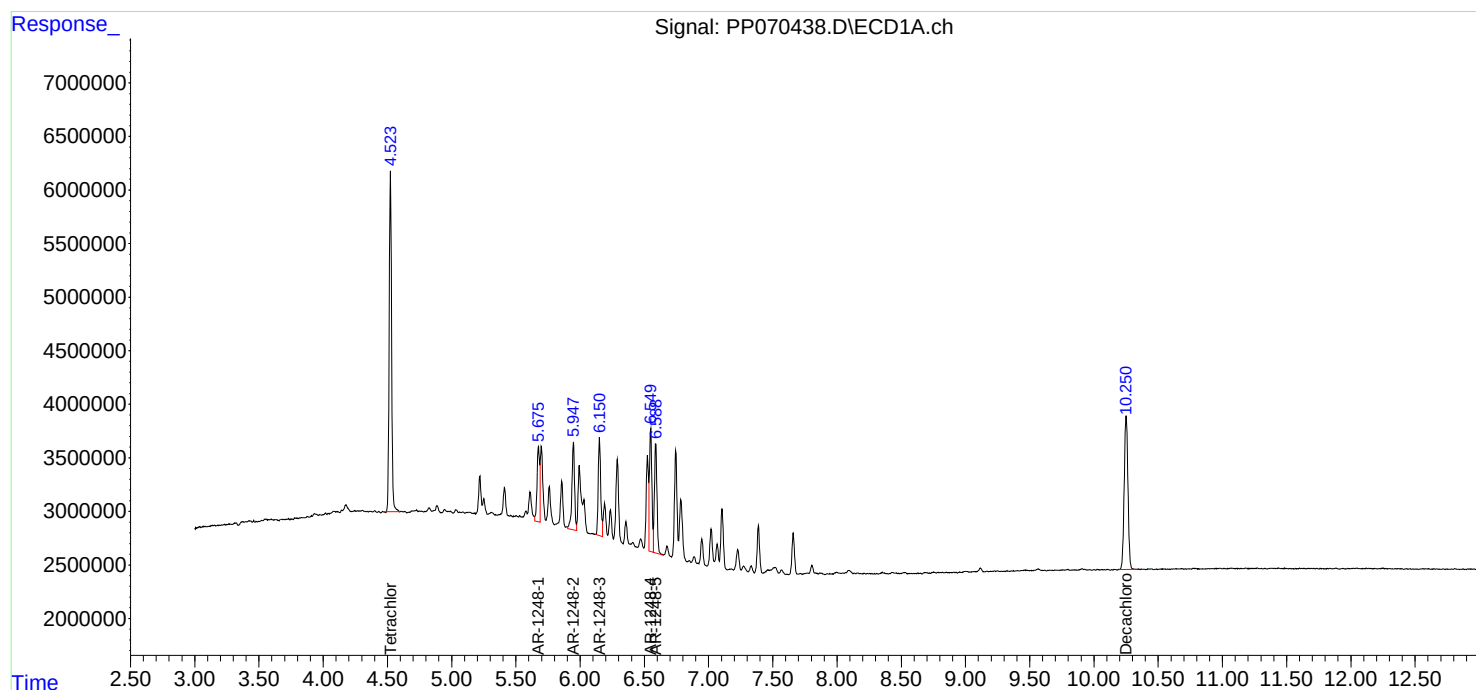
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

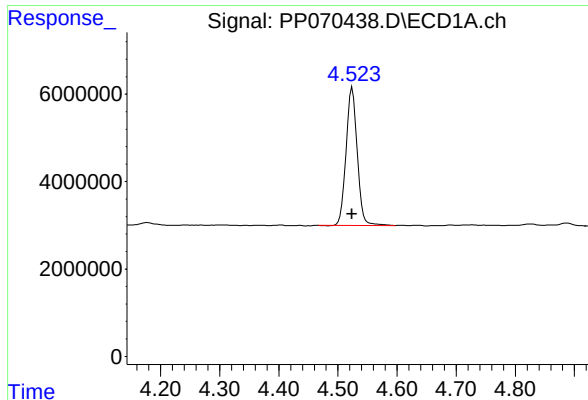
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070438.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 20:22  
Operator : YP\AJ  
Sample : AR1248ICC250  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:29:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:27:44 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

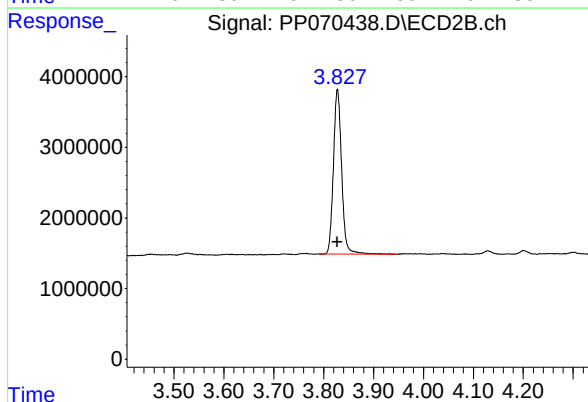




## #1 Tetrachloro-m-xylene

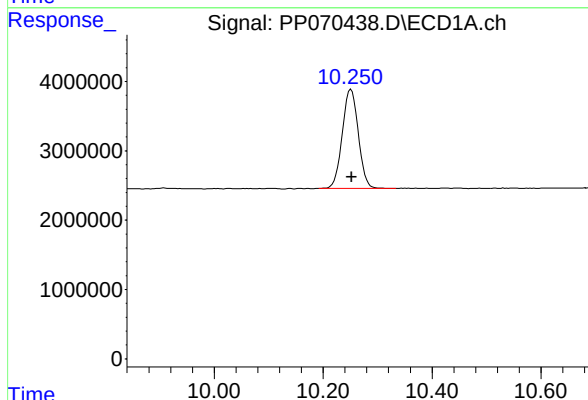
R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 41374738  
Conc: 25.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC250



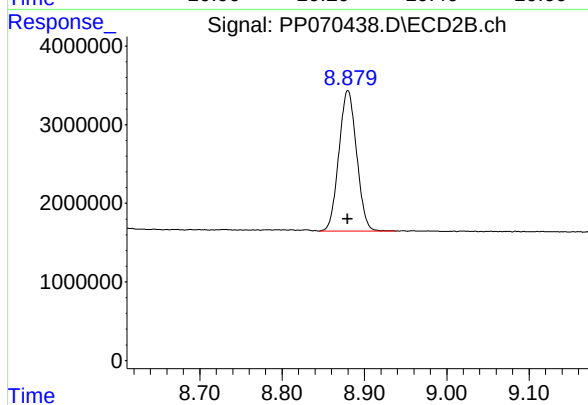
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 26771120  
Conc: 25.95 ng/ml



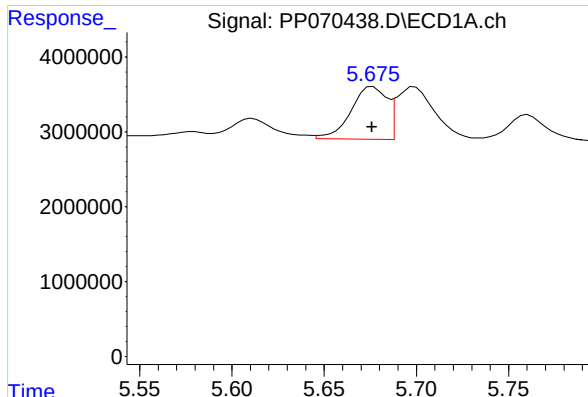
## #2 Decachlorobiphenyl

R.T.: 10.251 min  
Delta R.T.: -0.001 min  
Response: 29104206  
Conc: 26.22 ng/ml



## #2 Decachlorobiphenyl

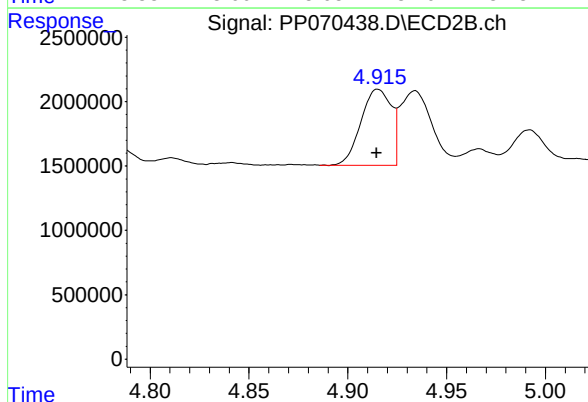
R.T.: 8.880 min  
Delta R.T.: 0.000 min  
Response: 26702465  
Conc: 26.70 ng/ml



#21 AR-1248-1

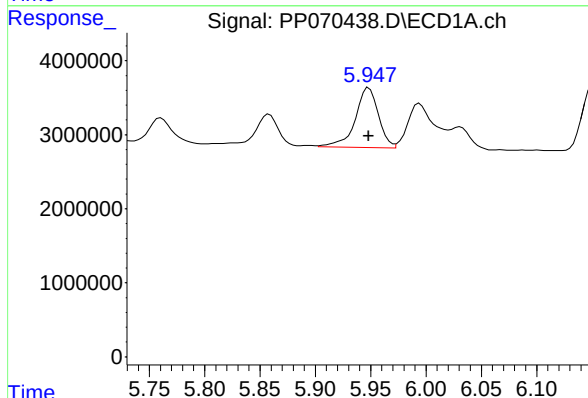
R.T.: 5.676 min  
Delta R.T.: 0.000 min  
Response: 9469927  
Conc: 275.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC250



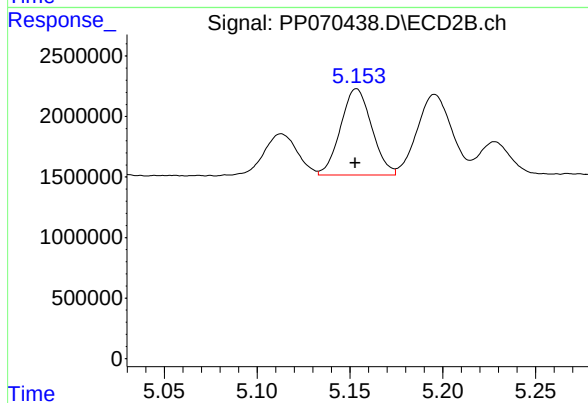
#21 AR-1248-1

R.T.: 4.915 min  
Delta R.T.: 0.000 min  
Response: 6320408  
Conc: 261.84 ng/ml



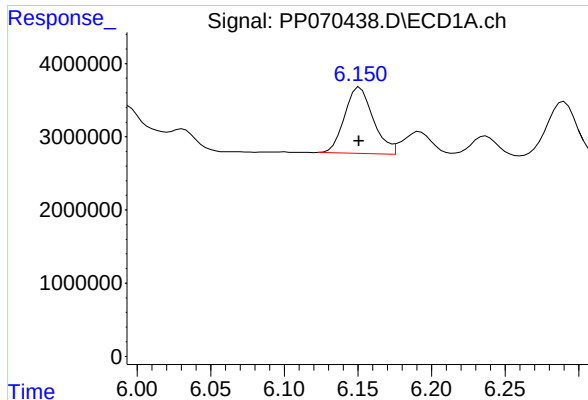
#22 AR-1248-2

R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 11796932  
Conc: 267.67 ng/ml



#22 AR-1248-2

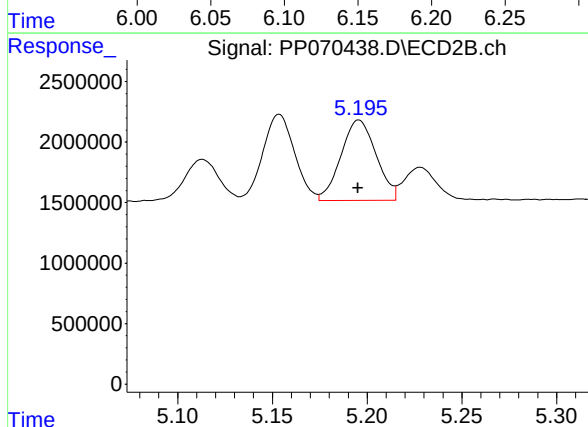
R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 8326683  
Conc: 263.46 ng/ml



#23 AR-1248-3

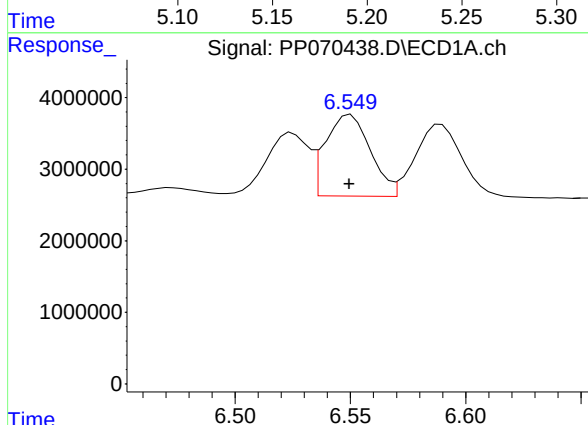
R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 12207368  
Conc: 258.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC250



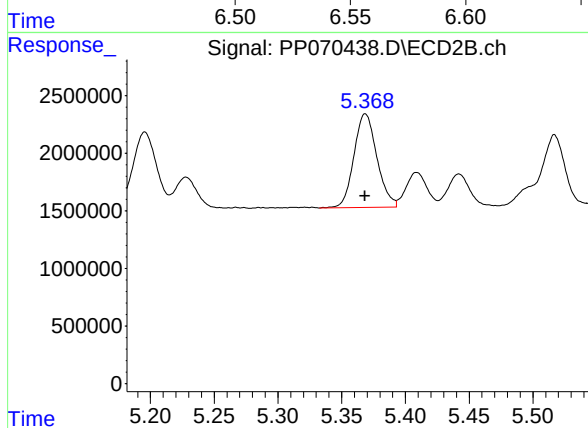
#23 AR-1248-3

R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 8590669  
Conc: 260.68 ng/ml



#24 AR-1248-4

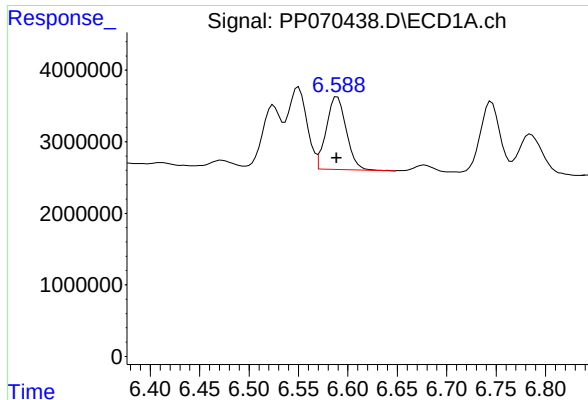
R.T.: 6.550 min  
Delta R.T.: 0.000 min  
Response: 15337045  
Conc: 266.51 ng/ml



#24 AR-1248-4

R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 10215741  
Conc: 265.75 ng/ml

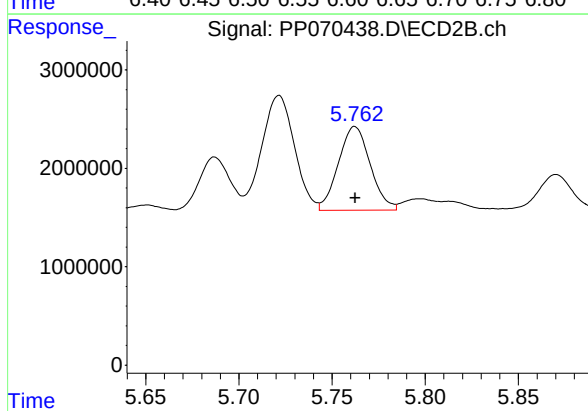




#25 AR-1248-5

R.T.: 6.589 min  
Delta R.T.: 0.000 min  
Response: 14358955  
Conc: 264.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC250



#25 AR-1248-5

R.T.: 5.762 min  
Delta R.T.: 0.000 min  
Response: 10127337  
Conc: 262.89 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070439.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 20:39  
 Operator : YP\AJ  
 Sample : AR1248ICC050  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:29:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:27:44 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...          | 4.524  | 3.828 | 8186392 | 5340424 | 5.139   | 5.176  |
| 2) SA Decachlor...          | 10.252 | 8.879 | 5222131 | 5077972 | 4.704   | 5.077  |
| Target Compounds            |        |       |         |         |         |        |
| 21) L5 AR-1248-1            | 5.675  | 4.916 | 1822515 | 1195056 | 53.024m | 49.509 |
| 22) L5 AR-1248-2            | 5.946  | 5.154 | 1970177 | 1715212 | 44.703m | 54.271 |
| 23) L5 AR-1248-3            | 6.152  | 5.195 | 2271691 | 1567360 | 48.055  | 47.561 |
| 24) L5 AR-1248-4            | 6.551  | 5.368 | 3179324 | 2241362 | 55.247  | 58.306 |
| 25) L5 AR-1248-5            | 6.588  | 5.762 | 2749990 | 2082066 | 50.664  | 54.048 |
| -----                       |        |       |         |         |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070439.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 20:39  
Operator : YP\AJ  
Sample : AR1248ICC050  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

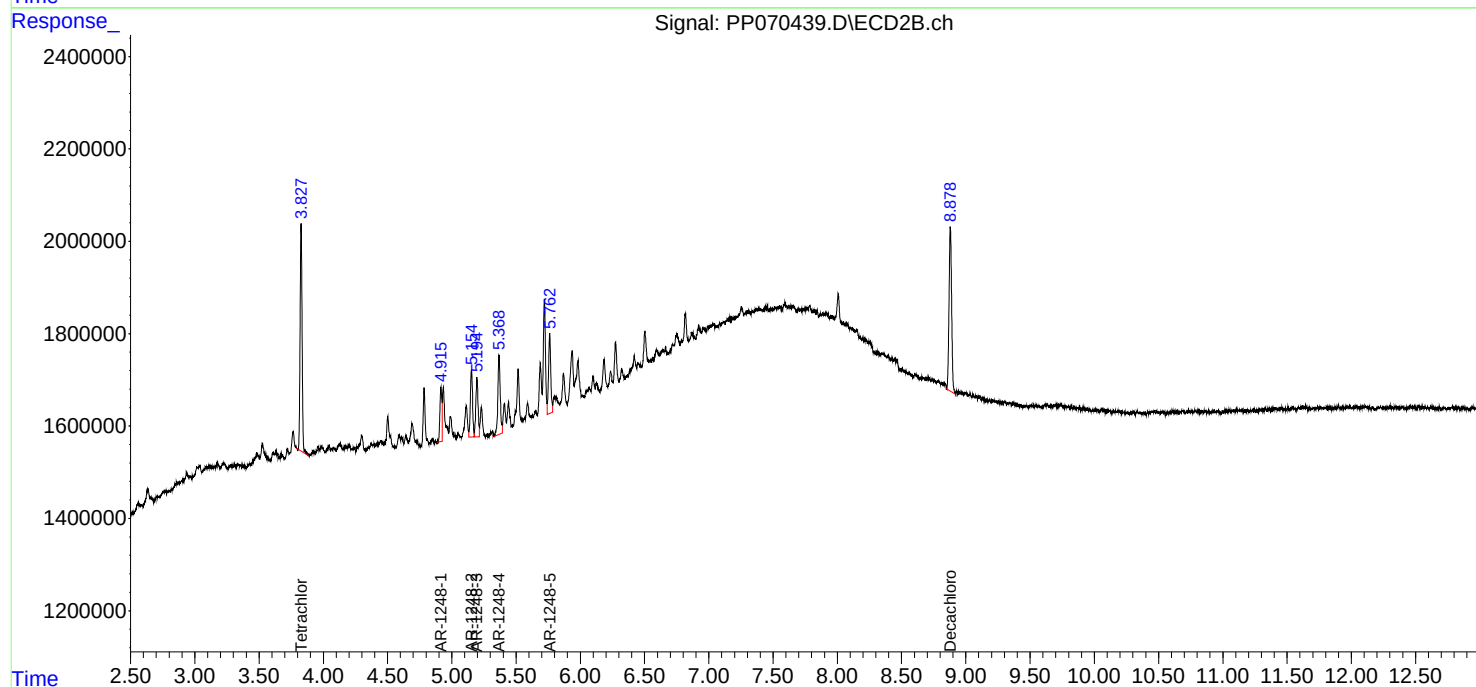
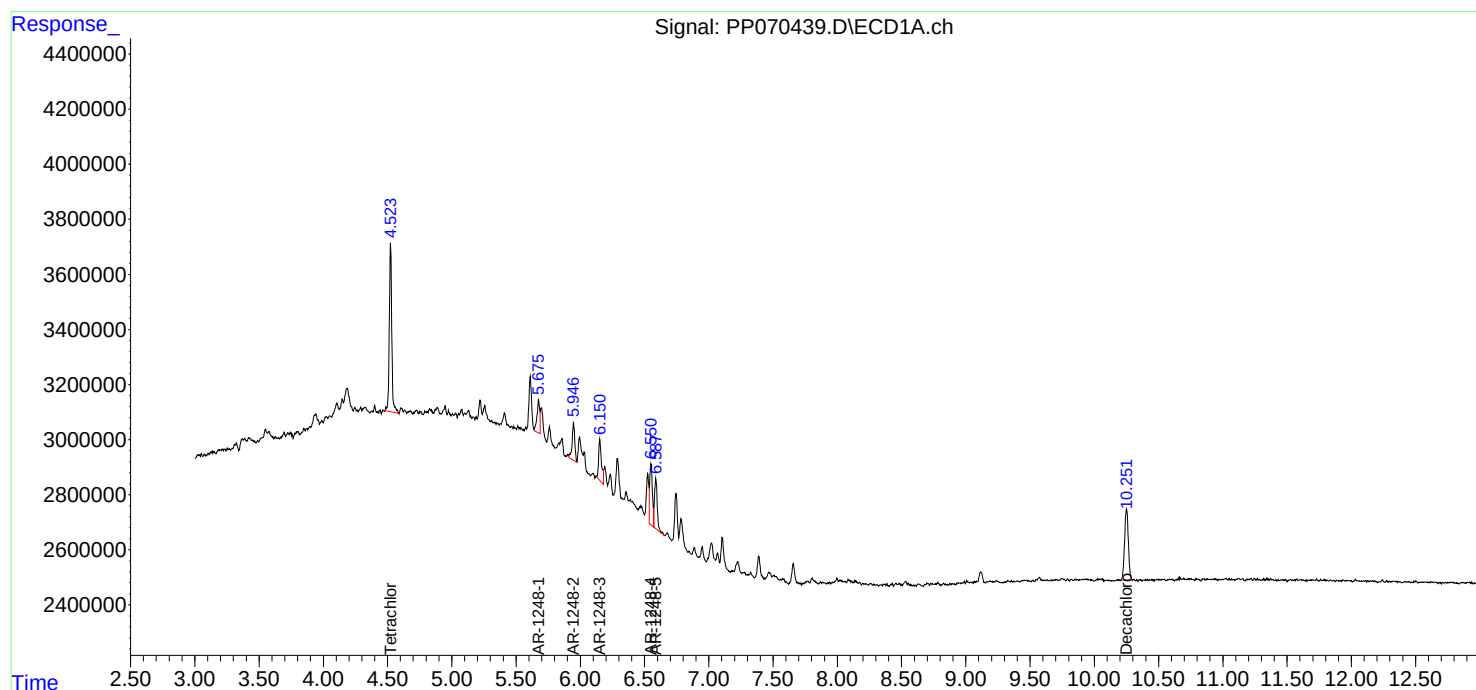
Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

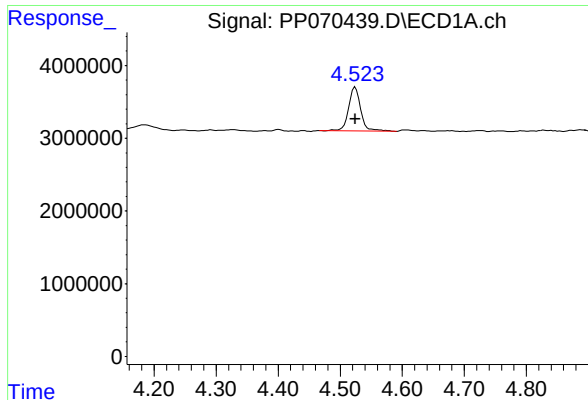
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:29:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:27:44 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





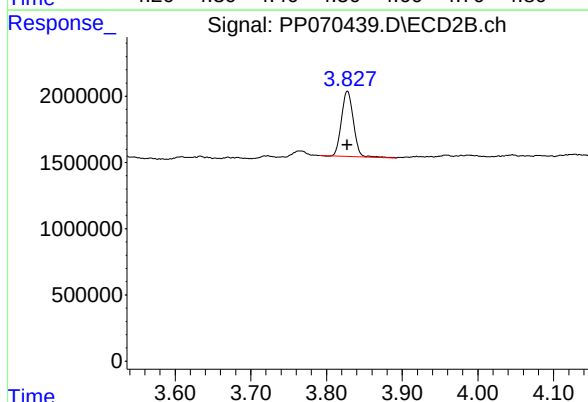
## #1 Tetrachloro-m-xylene

R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 8186392  
Conc: 5.14 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

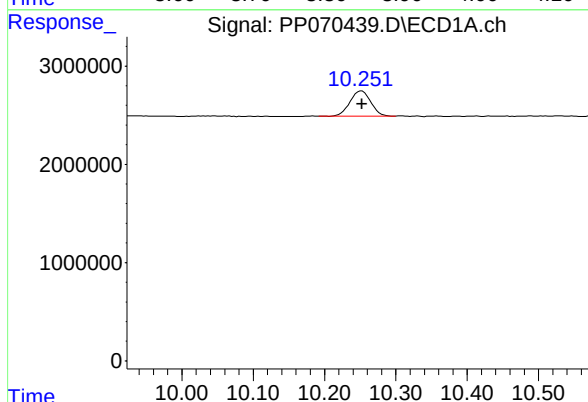
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



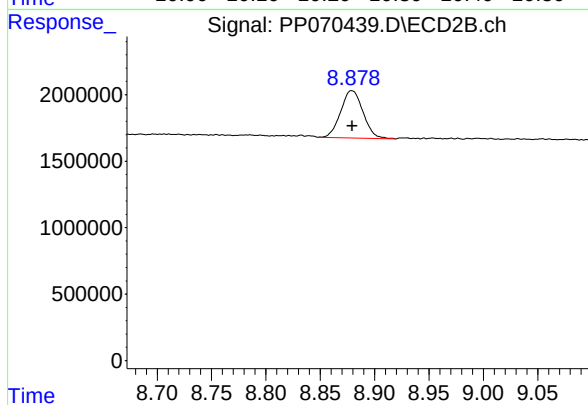
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 5340424  
Conc: 5.18 ng/ml



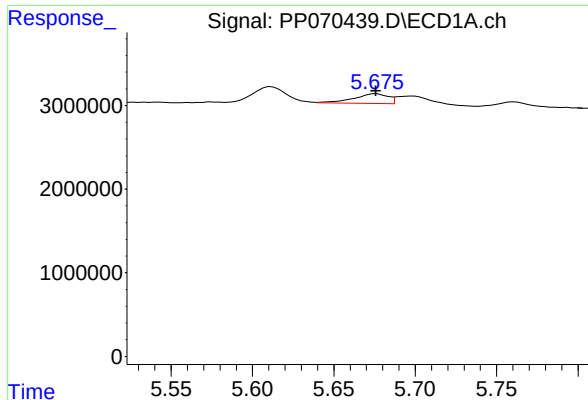
## #2 Decachlorobiphenyl

R.T.: 10.252 min  
Delta R.T.: 0.000 min  
Response: 5222131  
Conc: 4.70 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.879 min  
Delta R.T.: 0.000 min  
Response: 5077972  
Conc: 5.08 ng/ml



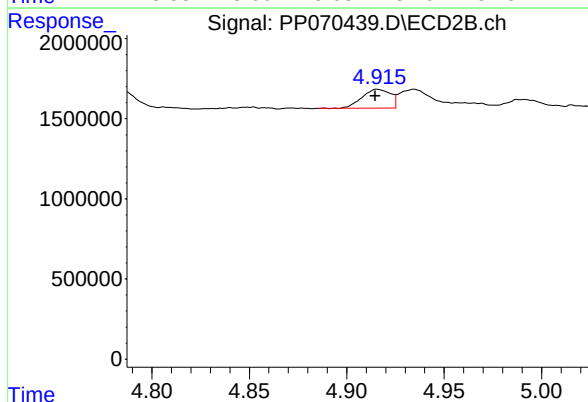
#21 AR-1248-1

R.T.: 5.675 min  
Delta R.T.: 0.000 min  
Response: 1822515  
Conc: 53.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

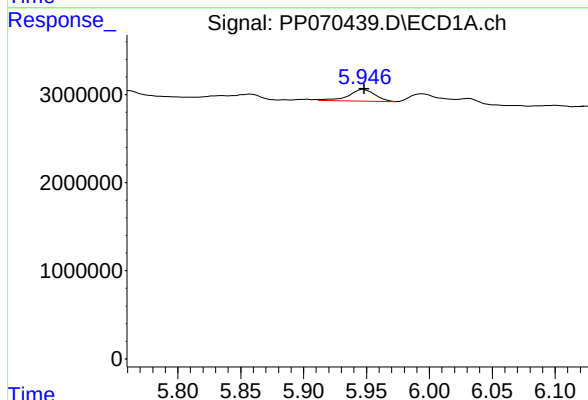
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



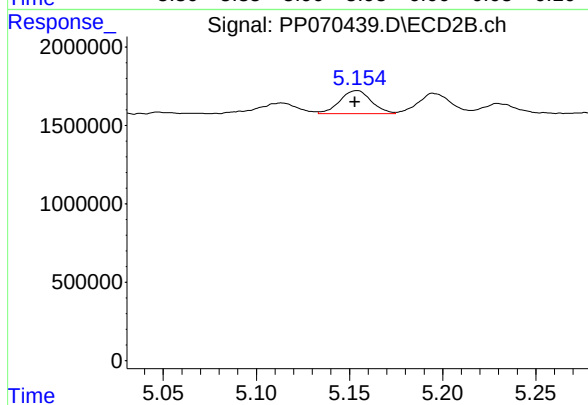
#21 AR-1248-1

R.T.: 4.916 min  
Delta R.T.: 0.001 min  
Response: 1195056  
Conc: 49.51 ng/ml



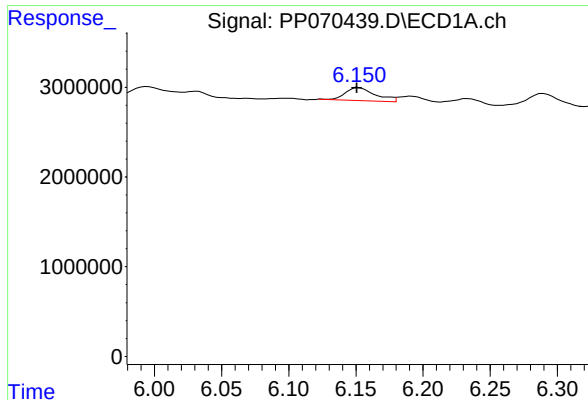
#22 AR-1248-2

R.T.: 5.946 min  
Delta R.T.: -0.002 min  
Response: 1970177  
Conc: 44.70 ng/ml m



#22 AR-1248-2

R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 1715212  
Conc: 54.27 ng/ml



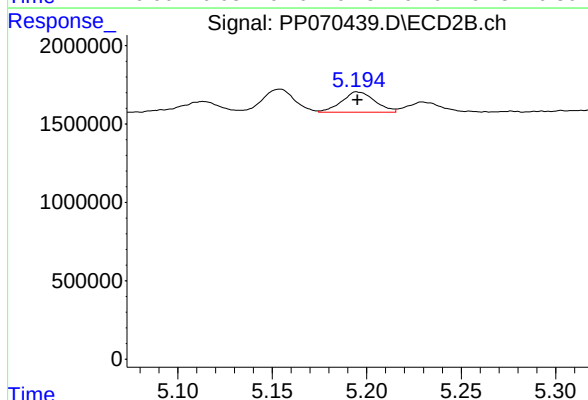
#23 AR-1248-3

R.T.: 6.152 min  
Delta R.T.: 0.001 min  
Response: 2271691  
Conc: 48.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

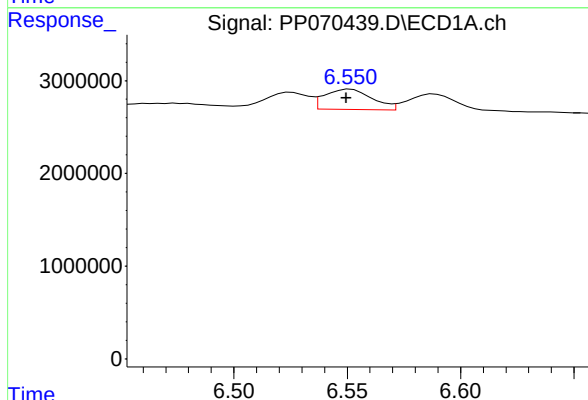
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



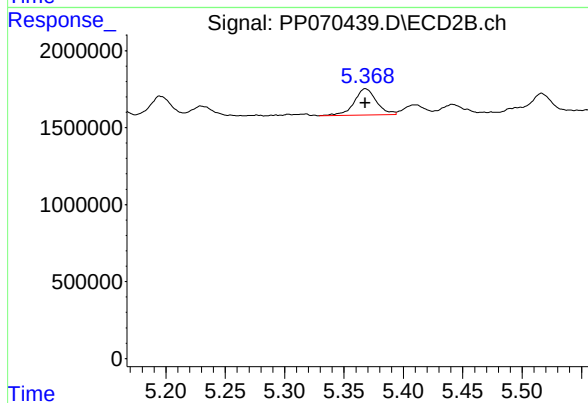
#23 AR-1248-3

R.T.: 5.195 min  
Delta R.T.: 0.000 min  
Response: 1567360  
Conc: 47.56 ng/ml



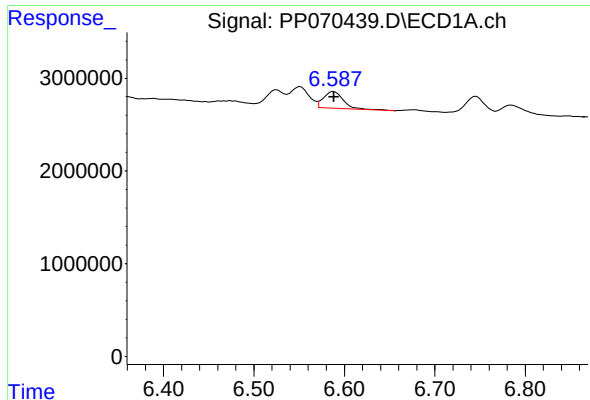
#24 AR-1248-4

R.T.: 6.551 min  
Delta R.T.: 0.002 min  
Response: 3179324  
Conc: 55.25 ng/ml



#24 AR-1248-4

R.T.: 5.368 min  
Delta R.T.: 0.000 min  
Response: 2241362  
Conc: 58.31 ng/ml



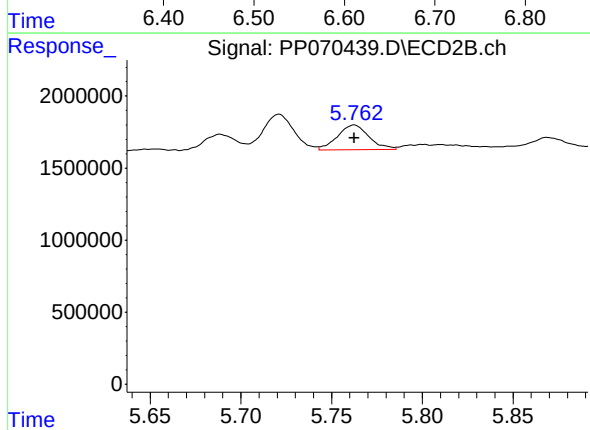
#25 AR-1248-5

R.T.: 6.588 min  
Delta R.T.: 0.000 min  
Response: 2749990  
Conc: 50.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



#25 AR-1248-5

R.T.: 5.762 min  
Delta R.T.: 0.000 min  
Response: 2082066  
Conc: 54.05 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070440.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 20:55  
 Operator : YP\AJ  
 Sample : AR1254ICC1000  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:42:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:41:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.525  | 3.828 | 149.1E6  | 96720518 | 93.390  | 94.825  |
| 2) SA Decachlor...          | 10.251 | 8.879 | 105.2E6  | 96618792 | 92.933  | 88.886  |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.527  | 5.722 | 52191144 | 49741488 | 893.548 | 880.090 |
| 27) L6 AR-1254-2            | 6.743  | 5.870 | 76163232 | 43195538 | 909.453 | 890.167 |
| 28) L6 AR-1254-3            | 7.106  | 6.275 | 78867294 | 69004581 | 913.417 | 911.168 |
| 29) L6 AR-1254-4            | 7.389  | 6.503 | 65665428 | 48529875 | 916.687 | 908.500 |
| 30) L6 AR-1254-5            | 7.806  | 6.922 | 65604720 | 63254548 | 923.372 | 917.897 |
| -----                       |        |       |          |          |         |         |

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

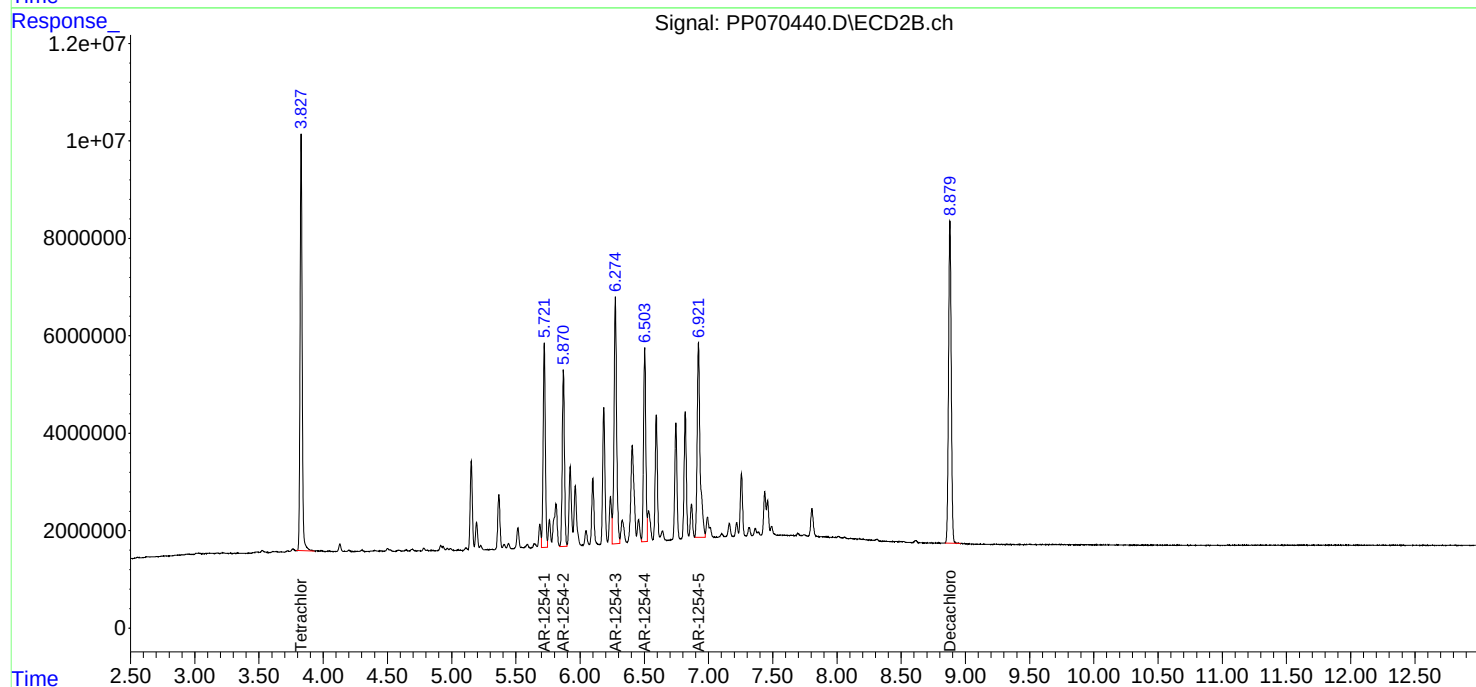
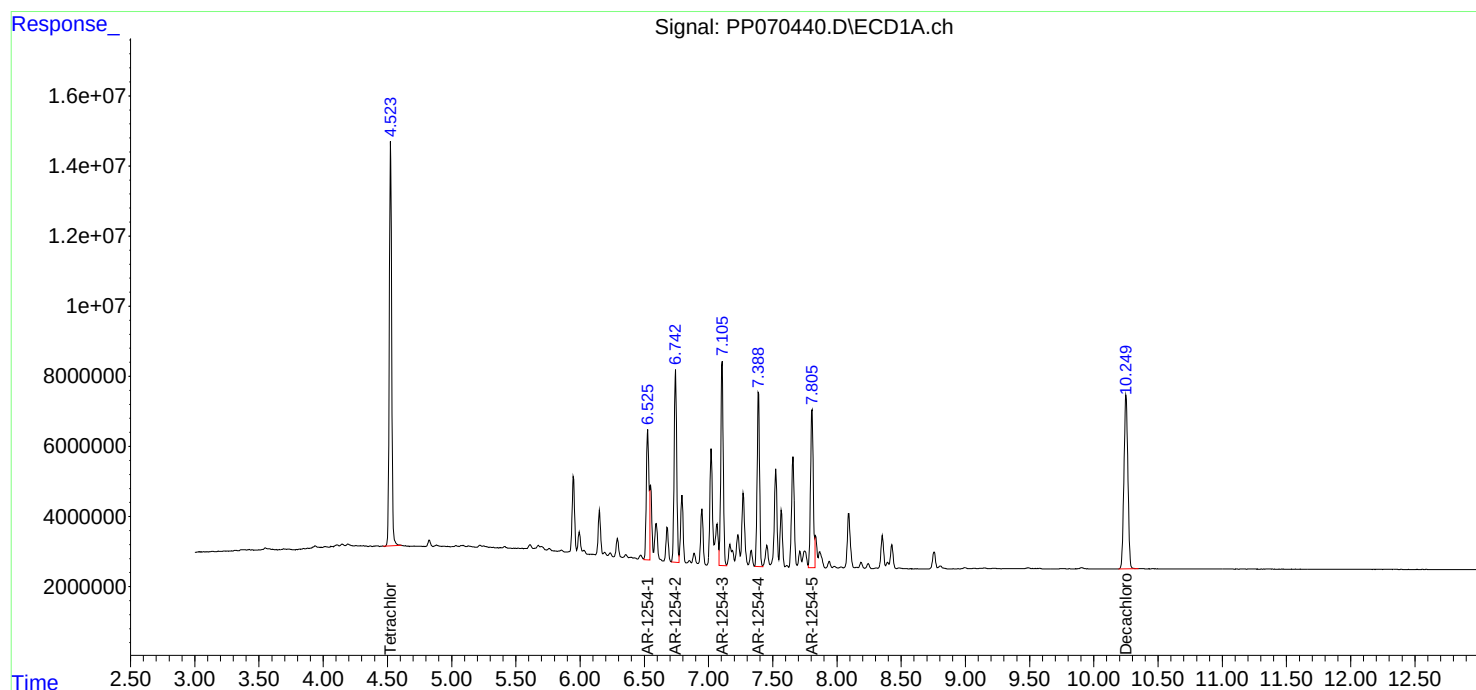


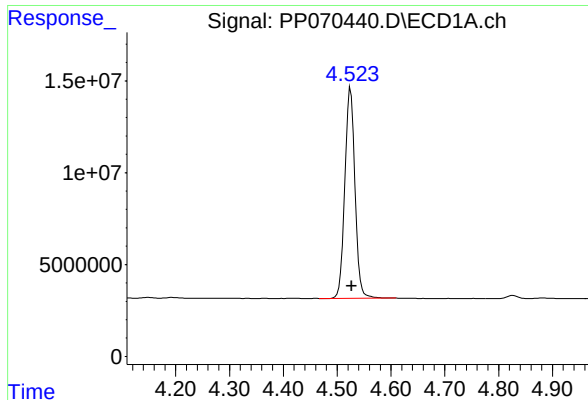
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070440.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 20:55  
Operator : YP\AJ  
Sample : AR1254ICC1000  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:42:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:41:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

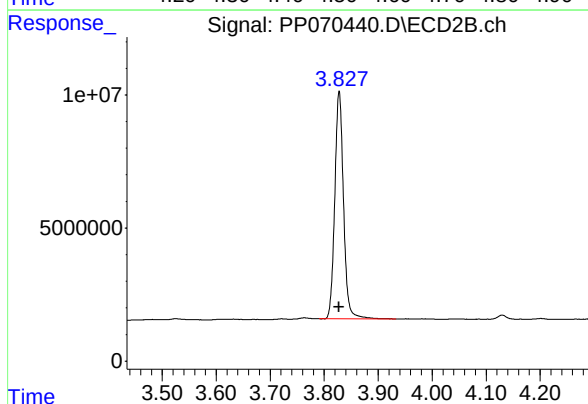




## #1 Tetrachloro-m-xylene

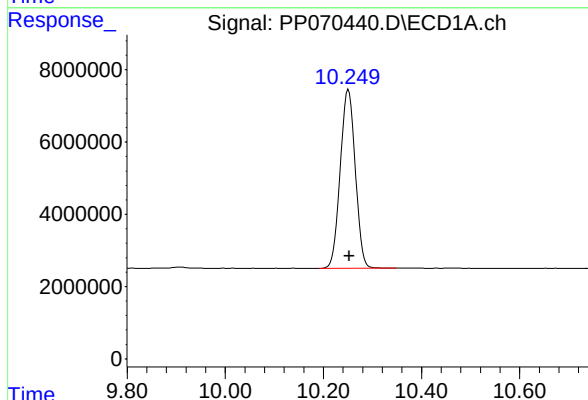
R.T.: 4.525 min  
Delta R.T.: -0.002 min  
Response: 149140108  
Conc: 93.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC1000



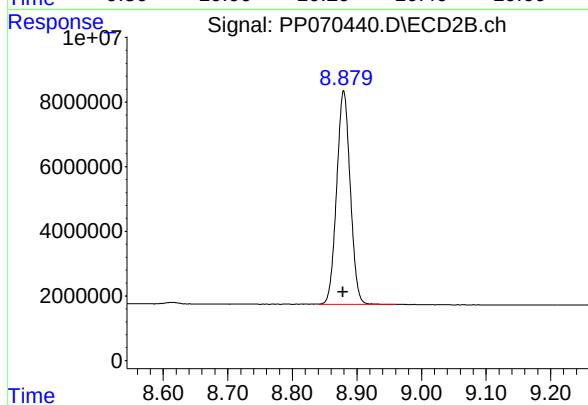
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 96720518  
Conc: 94.83 ng/ml



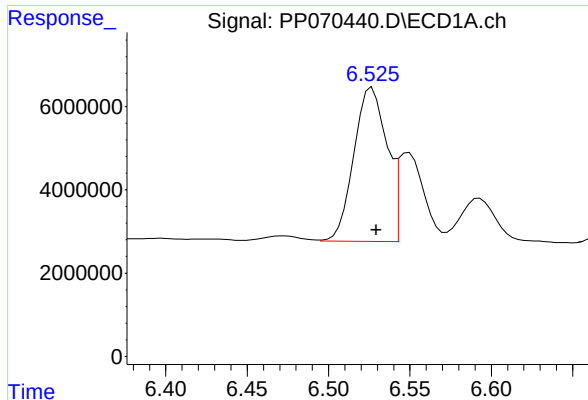
## #2 Decachlorobiphenyl

R.T.: 10.251 min  
Delta R.T.: -0.002 min  
Response: 105177464  
Conc: 92.93 ng/ml



## #2 Decachlorobiphenyl

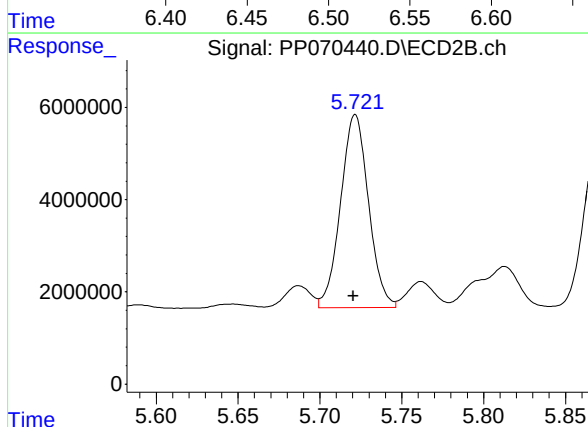
R.T.: 8.879 min  
Delta R.T.: 0.000 min  
Response: 96618792  
Conc: 88.89 ng/ml



#26 AR-1254-1

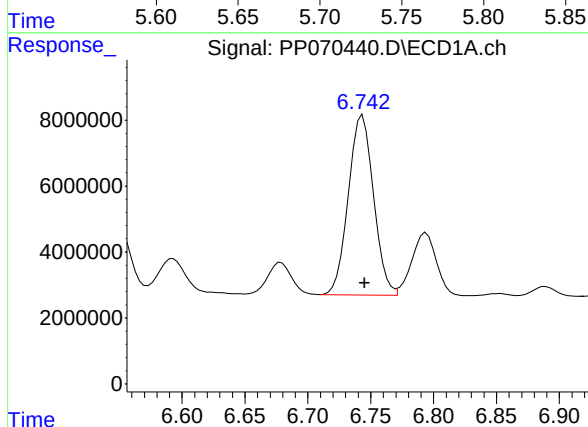
R.T.: 6.527 min  
Delta R.T.: -0.003 min  
Response: 52191144  
Conc: 893.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC1000



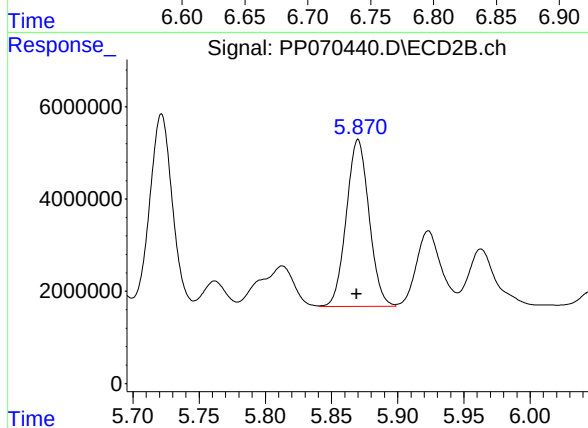
#26 AR-1254-1

R.T.: 5.722 min  
Delta R.T.: 0.001 min  
Response: 49741488  
Conc: 880.09 ng/ml



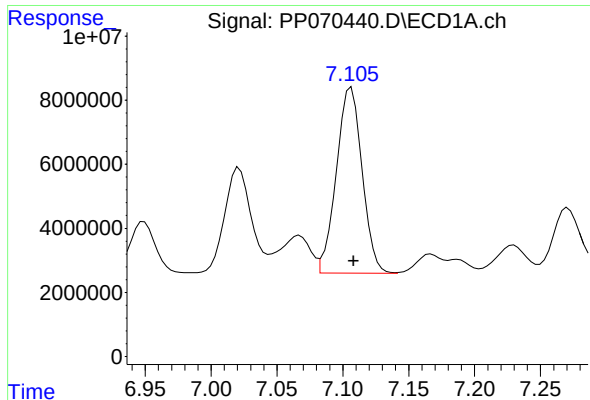
#27 AR-1254-2

R.T.: 6.743 min  
Delta R.T.: -0.002 min  
Response: 76163232  
Conc: 909.45 ng/ml



#27 AR-1254-2

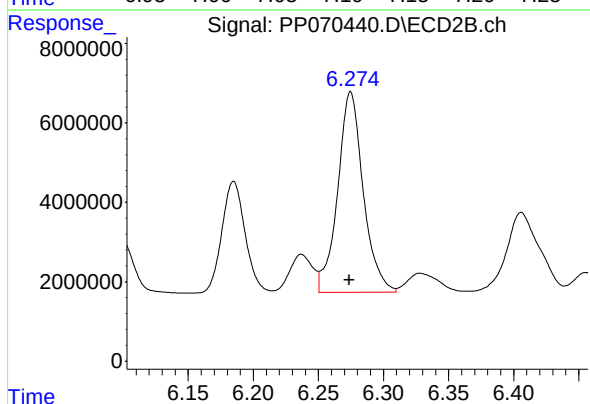
R.T.: 5.870 min  
Delta R.T.: 0.001 min  
Response: 43195538  
Conc: 890.17 ng/ml



#28 AR-1254-3

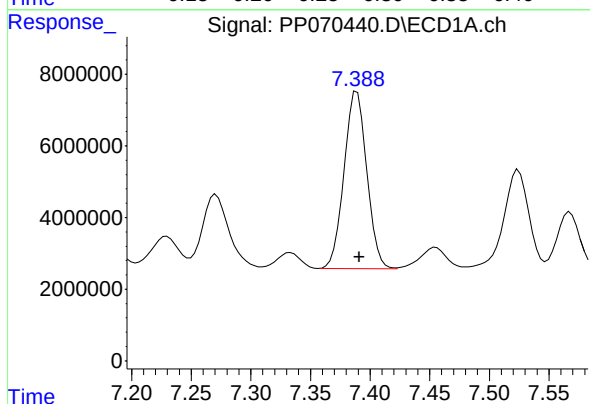
R.T.: 7.106 min  
Delta R.T.: -0.002 min  
Response: 78867294  
Conc: 913.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC1000



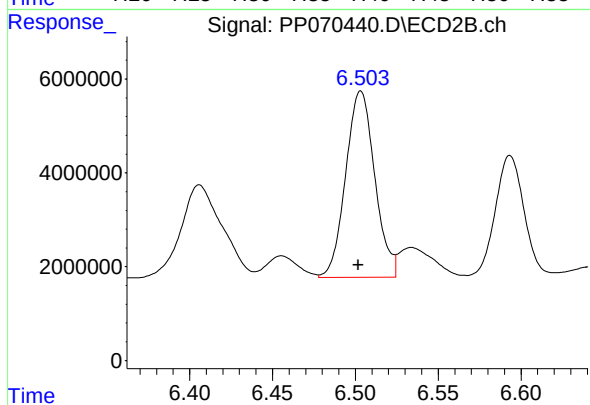
#28 AR-1254-3

R.T.: 6.275 min  
Delta R.T.: 0.001 min  
Response: 69004581  
Conc: 911.17 ng/ml



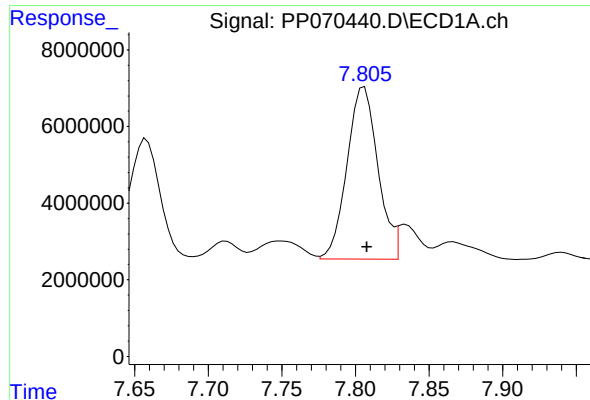
#29 AR-1254-4

R.T.: 7.389 min  
Delta R.T.: -0.002 min  
Response: 65665428  
Conc: 916.69 ng/ml



#29 AR-1254-4

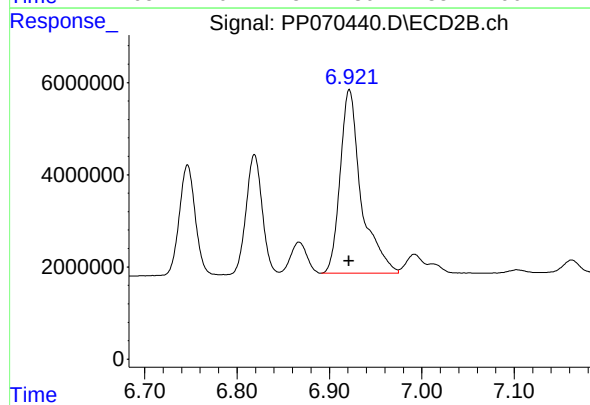
R.T.: 6.503 min  
Delta R.T.: 0.001 min  
Response: 48529875  
Conc: 908.50 ng/ml



#30 AR-1254-5

R.T.: 7.806 min  
Delta R.T.: -0.002 min  
Response: 65604720  
Conc: 923.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 63254548  
Conc: 917.90 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070441.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 21:11  
 Operator : YP\AJ  
 Sample : AR1254ICC750  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:42:46 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:41:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.524  | 3.828 | 116.1E6  | 73807381 | 72.699  | 72.361  |
| 2) SA Decachlor...          | 10.250 | 8.879 | 81355197 | 73665971 | 71.884  | 67.770  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.526  | 5.722 | 41082518 | 39812295 | 703.361 | 704.410 |
| 27) L6 AR-1254-2            | 6.743  | 5.870 | 59469212 | 34485922 | 710.112 | 710.681 |
| 28) L6 AR-1254-3            | 7.106  | 6.275 | 60993256 | 54135888 | 706.405 | 714.835 |
| 29) L6 AR-1254-4            | 7.388  | 6.503 | 51027528 | 38224583 | 712.343 | 715.580 |
| 30) L6 AR-1254-5            | 7.806  | 6.922 | 50892047 | 48947585 | 716.295 | 710.286 |
| -----                       |        |       |          |          |         |         |

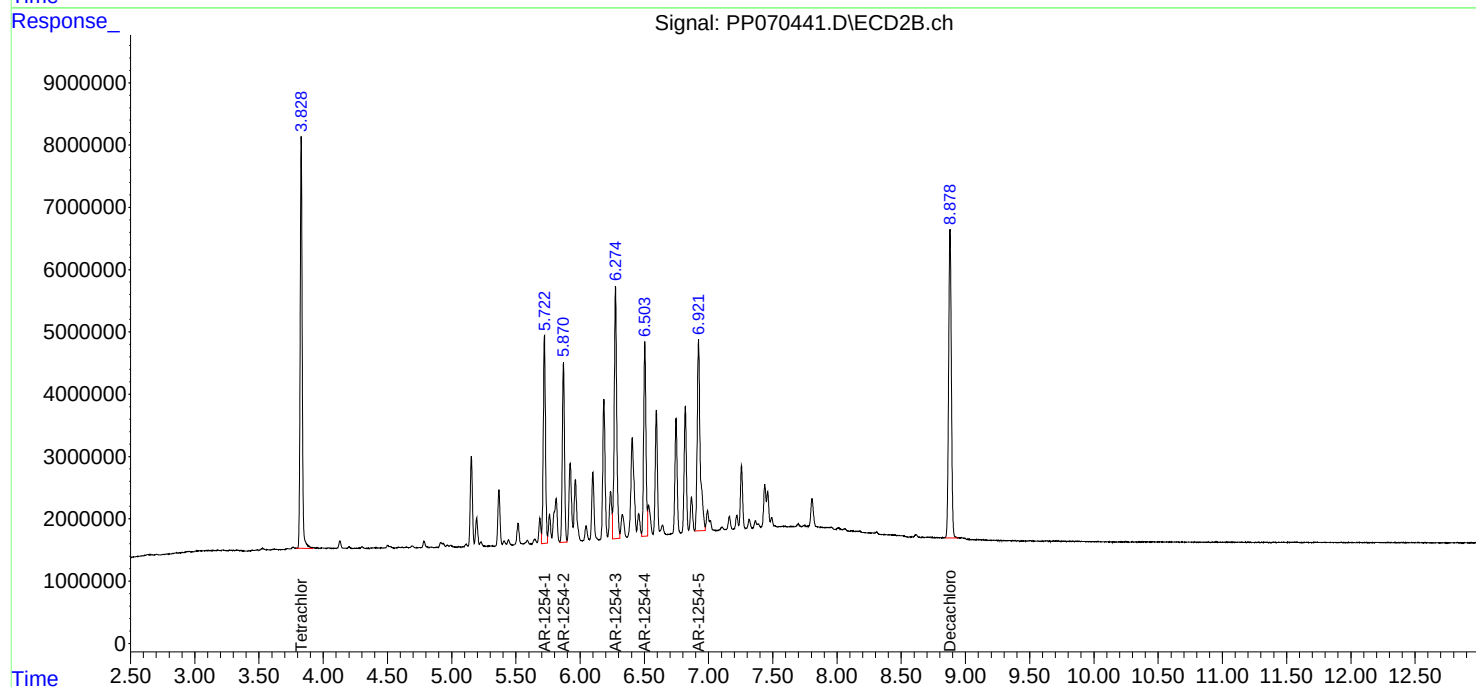
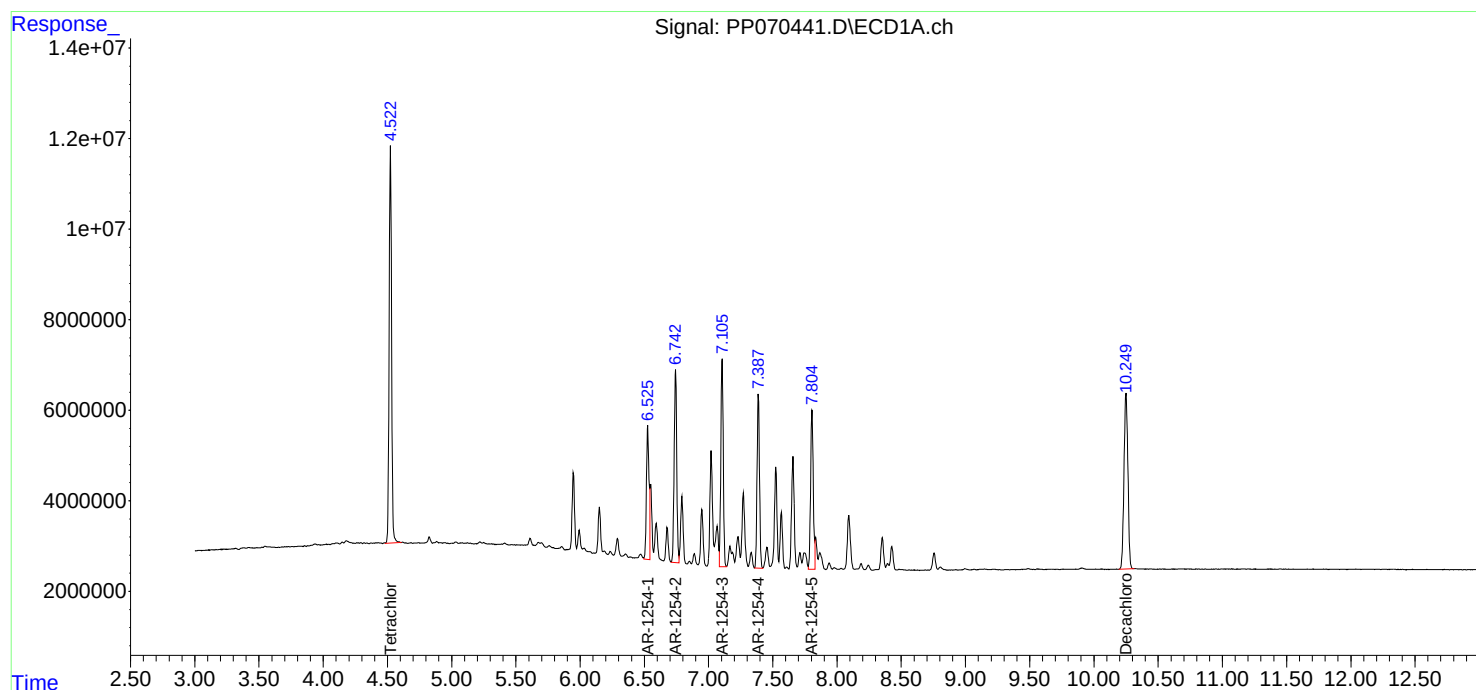
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

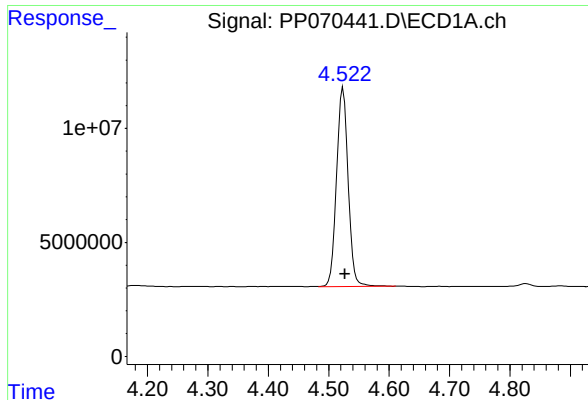
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070441.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 21:11  
Operator : YP\AJ  
Sample : AR1254ICC750  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:42:46 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:41:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

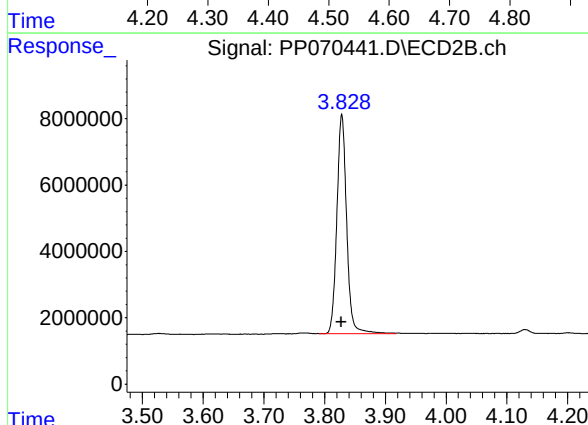




## #1 Tetrachloro-m-xylene

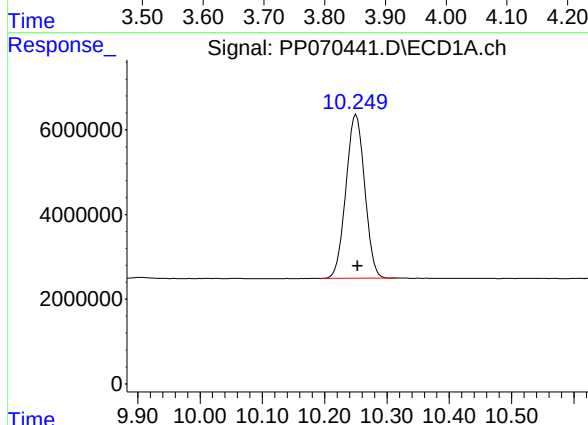
R.T.: 4.524 min  
Delta R.T.: -0.003 min  
Response: 116096349  
Conc: 72.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC750



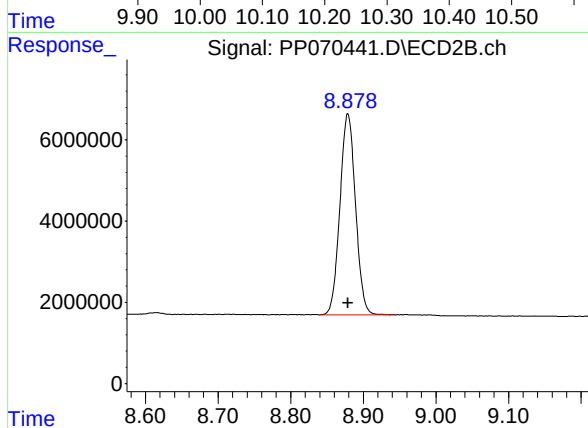
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.001 min  
Response: 73807381  
Conc: 72.36 ng/ml



## #2 Decachlorobiphenyl

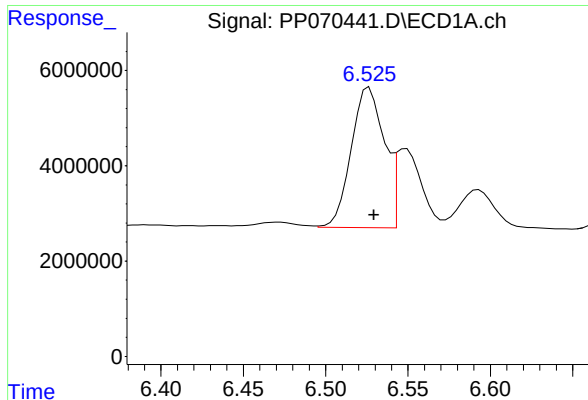
R.T.: 10.250 min  
Delta R.T.: -0.003 min  
Response: 81355197  
Conc: 71.88 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.879 min  
Delta R.T.: 0.000 min  
Response: 73665971  
Conc: 67.77 ng/ml

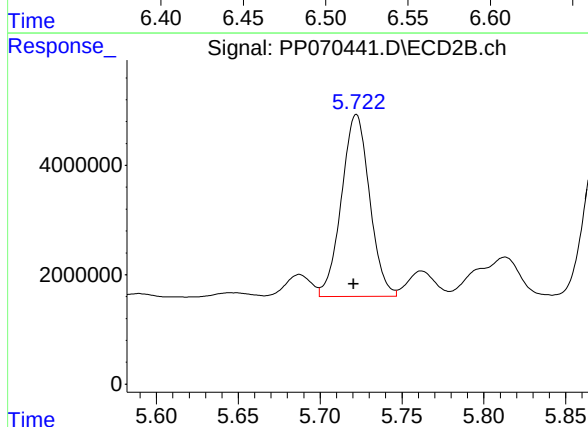




#26 AR-1254-1

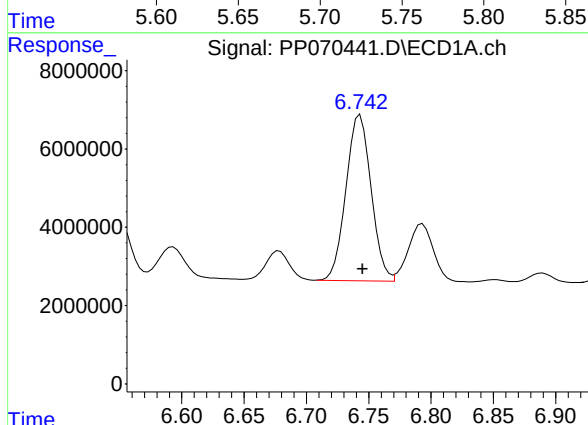
R.T.: 6.526 min  
Delta R.T.: -0.003 min  
Response: 41082518  
Conc: 703.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC750



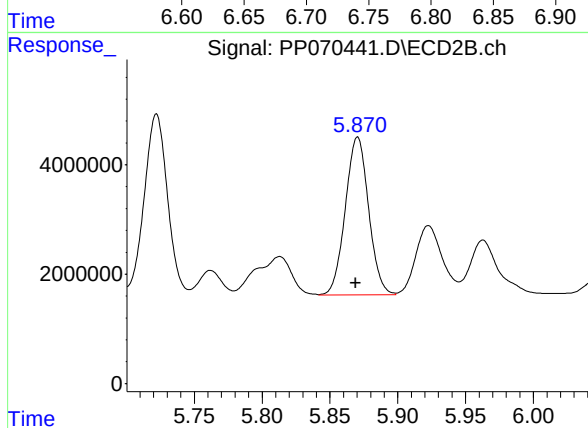
#26 AR-1254-1

R.T.: 5.722 min  
Delta R.T.: 0.002 min  
Response: 39812295  
Conc: 704.41 ng/ml



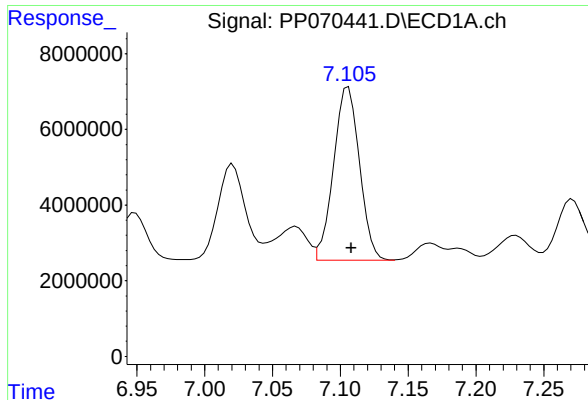
#27 AR-1254-2

R.T.: 6.743 min  
Delta R.T.: -0.002 min  
Response: 59469212  
Conc: 710.11 ng/ml



#27 AR-1254-2

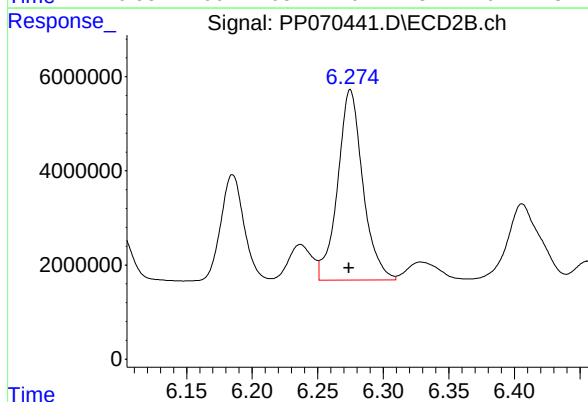
R.T.: 5.870 min  
Delta R.T.: 0.002 min  
Response: 34485922  
Conc: 710.68 ng/ml



#28 AR-1254-3

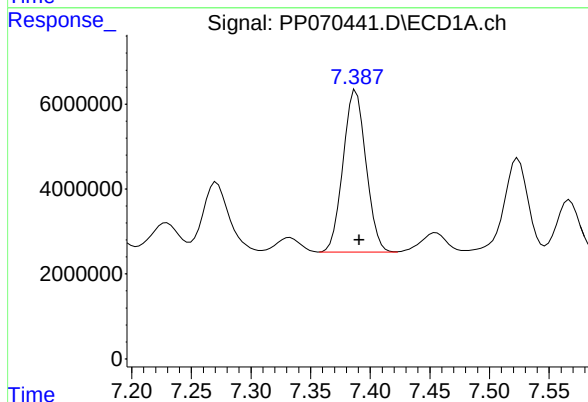
R.T.: 7.106 min  
Delta R.T.: -0.002 min  
Response: 60993256  
Conc: 706.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC750



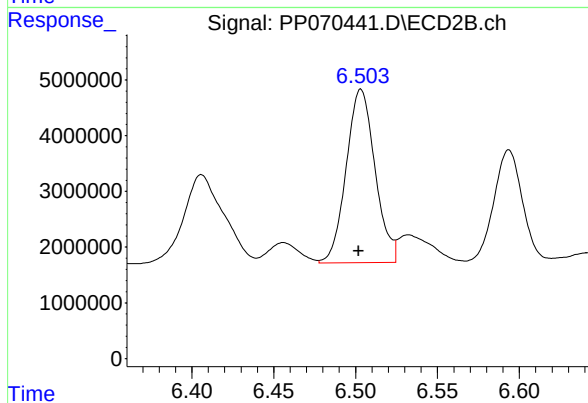
#28 AR-1254-3

R.T.: 6.275 min  
Delta R.T.: 0.001 min  
Response: 54135888  
Conc: 714.83 ng/ml



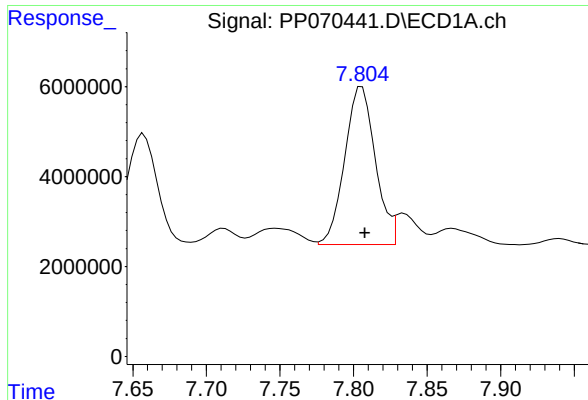
#29 AR-1254-4

R.T.: 7.388 min  
Delta R.T.: -0.003 min  
Response: 51027528  
Conc: 712.34 ng/ml



#29 AR-1254-4

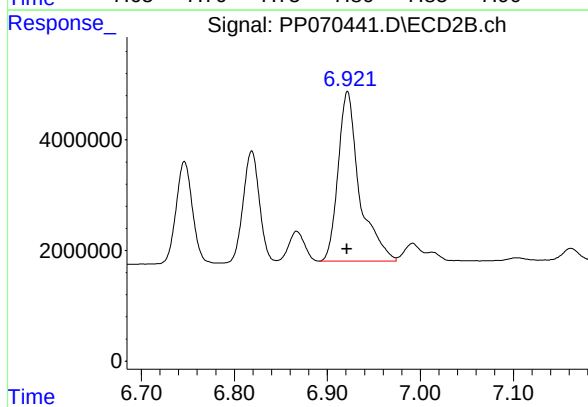
R.T.: 6.503 min  
Delta R.T.: 0.001 min  
Response: 38224583  
Conc: 715.58 ng/ml



#30 AR-1254-5

R.T.: 7.806 min  
Delta R.T.: -0.002 min  
Response: 50892047  
Conc: 716.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC750



#30 AR-1254-5

R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 48947585  
Conc: 710.29 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070442.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 21:28  
 Operator : YP\AJ  
 Sample : AR1254ICC500  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:43:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:41:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.527  | 3.827 | 79847648 | 50999382 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.253 | 8.879 | 56587852 | 54349698 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.529  | 5.721 | 29204431 | 28259314 | 500.000 | 500.000 |
| 27) L6 AR-1254-2            | 6.745  | 5.869 | 41873104 | 24262597 | 500.000 | 500.000 |
| 28) L6 AR-1254-3            | 7.108  | 6.274 | 43171573 | 37866013 | 500.000 | 500.000 |
| 29) L6 AR-1254-4            | 7.391  | 6.502 | 35816695 | 26708804 | 500.000 | 500.000 |
| 30) L6 AR-1254-5            | 7.808  | 6.921 | 35524526 | 34456229 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

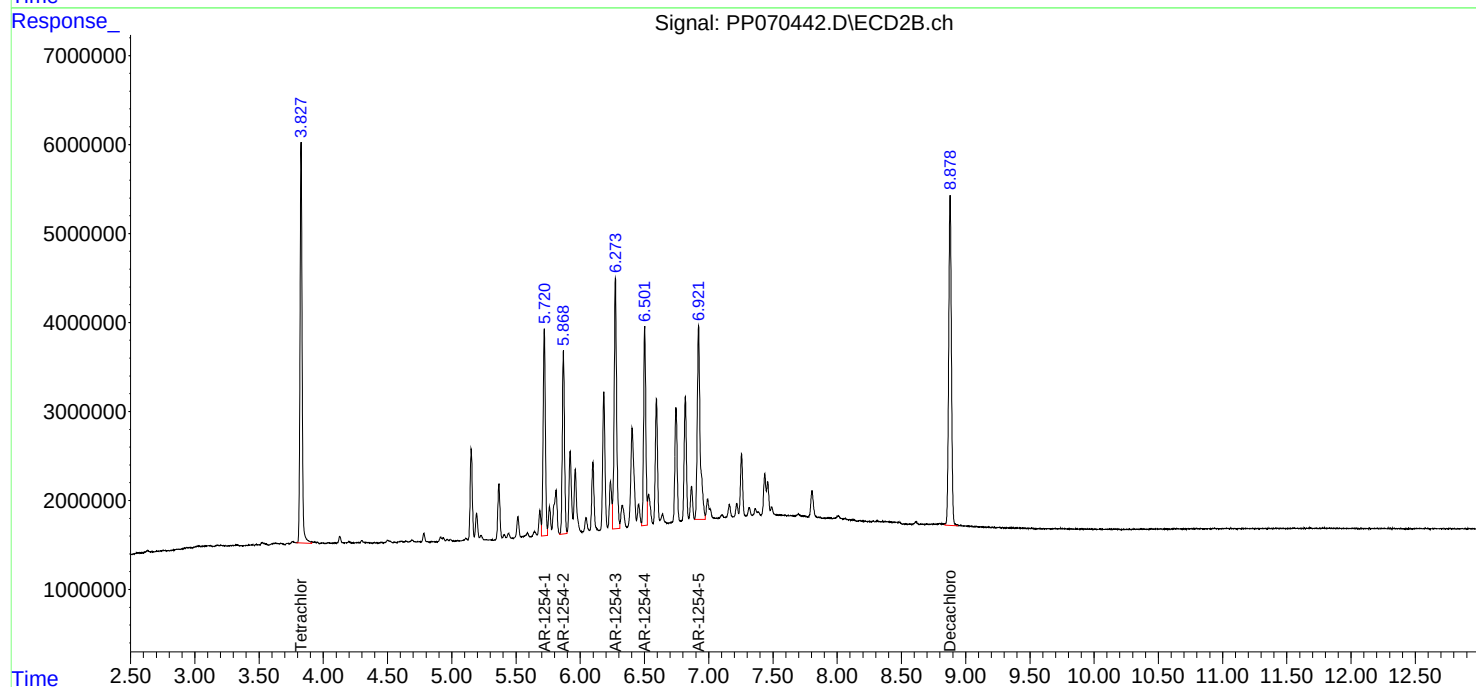
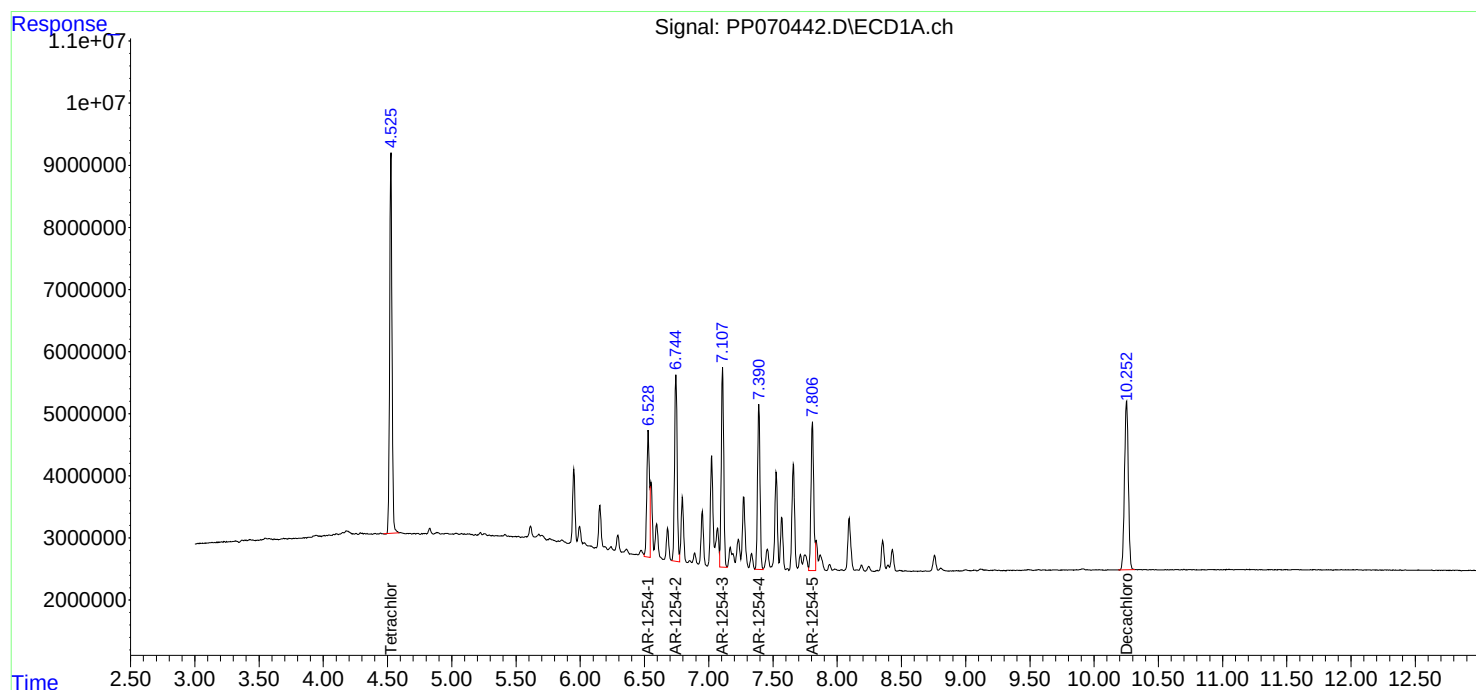
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

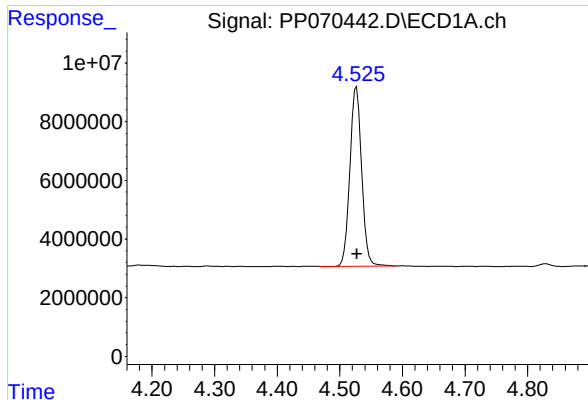
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070442.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 21:28  
Operator : YP\AJ  
Sample : AR1254ICC500  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:43:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:41:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

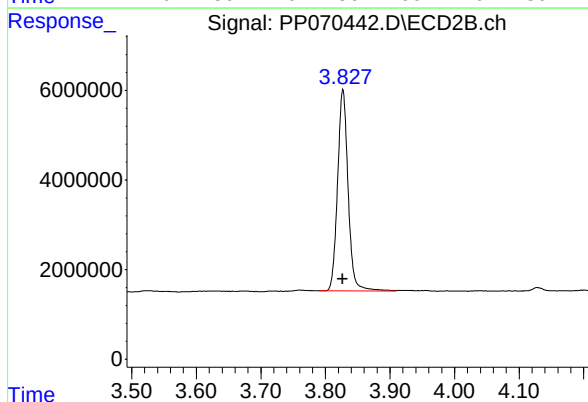




## #1 Tetrachloro-m-xylene

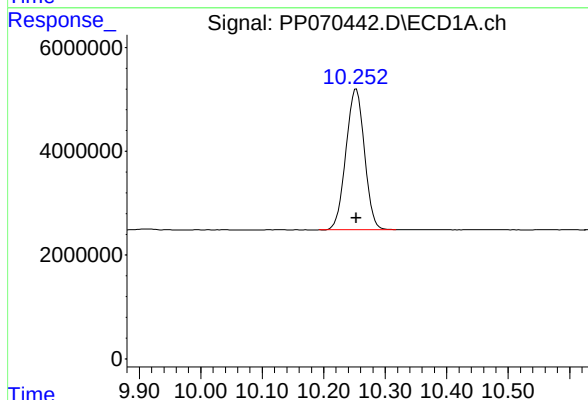
R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 79847648  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



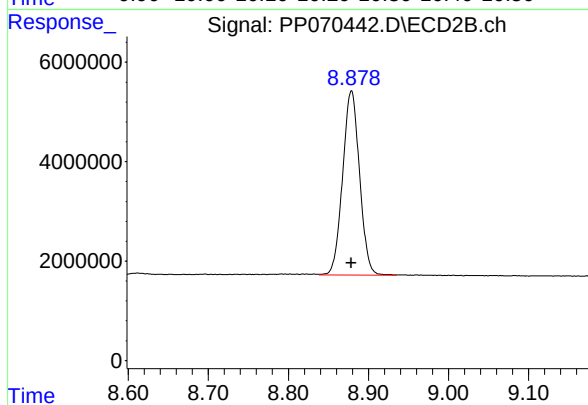
## #1 Tetrachloro-m-xylene

R.T.: 3.827 min  
Delta R.T.: 0.000 min  
Response: 50999382  
Conc: 50.00 ng/ml



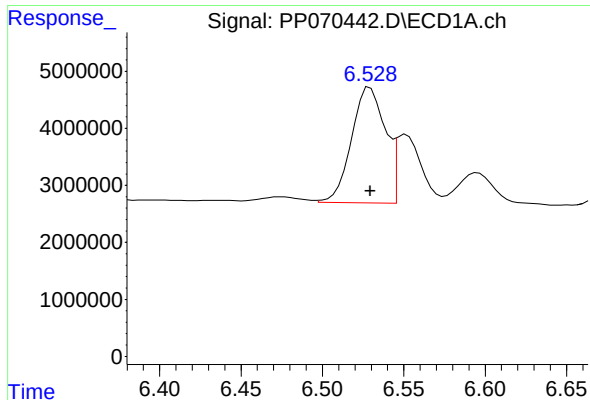
## #2 Decachlorobiphenyl

R.T.: 10.253 min  
Delta R.T.: 0.000 min  
Response: 56587852  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

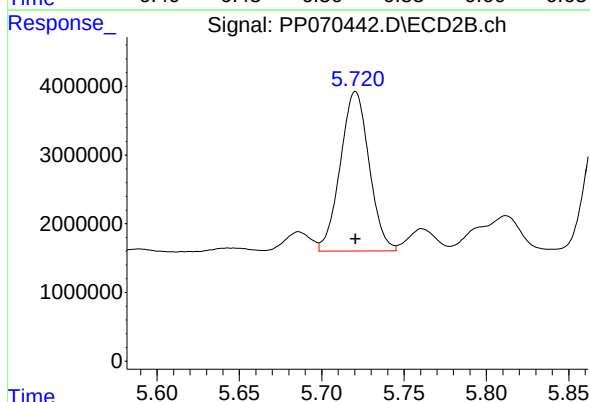
R.T.: 8.879 min  
Delta R.T.: 0.000 min  
Response: 54349698  
Conc: 50.00 ng/ml



#26 AR-1254-1

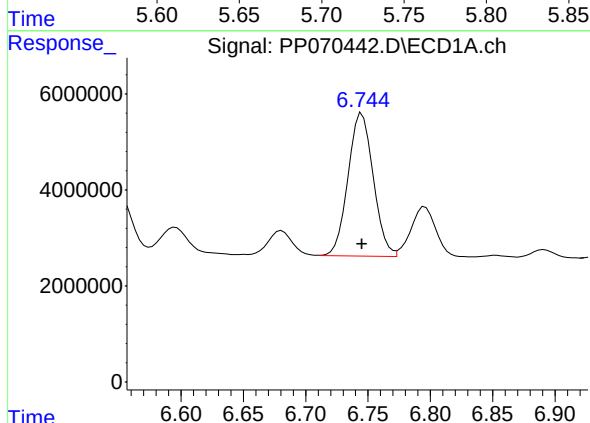
R.T.: 6.529 min  
Delta R.T.: 0.000 min  
Response: 29204431  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



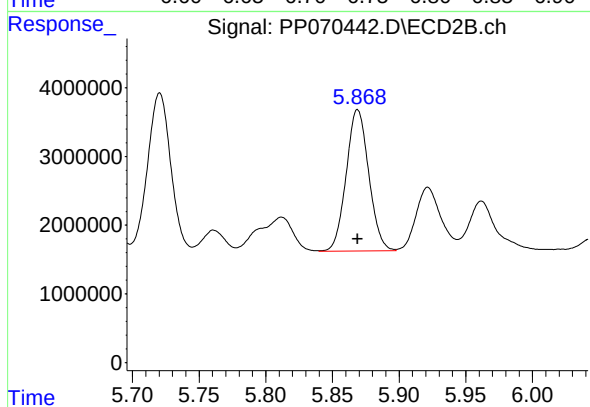
#26 AR-1254-1

R.T.: 5.721 min  
Delta R.T.: 0.000 min  
Response: 28259314  
Conc: 500.00 ng/ml



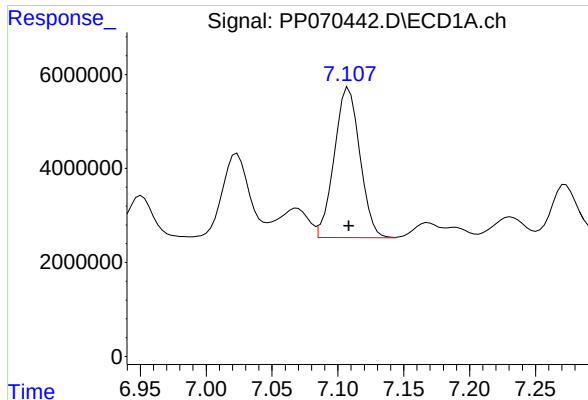
#27 AR-1254-2

R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 41873104  
Conc: 500.00 ng/ml



#27 AR-1254-2

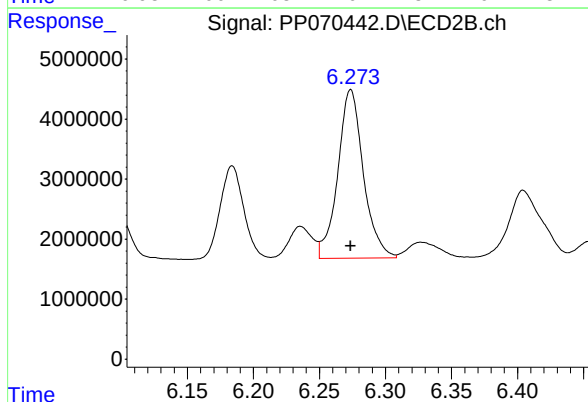
R.T.: 5.869 min  
Delta R.T.: 0.000 min  
Response: 24262597  
Conc: 500.00 ng/ml



#28 AR-1254-3

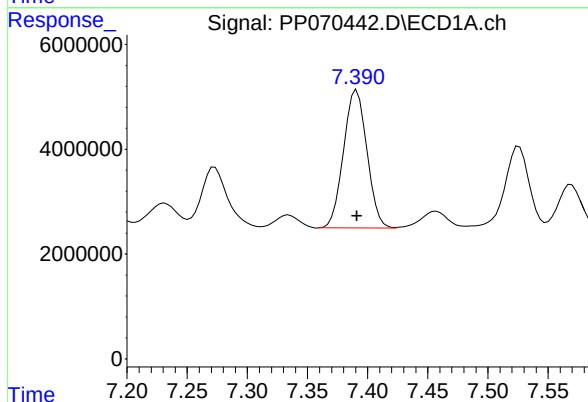
R.T.: 7.108 min  
Delta R.T.: 0.000 min  
Response: 43171573  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



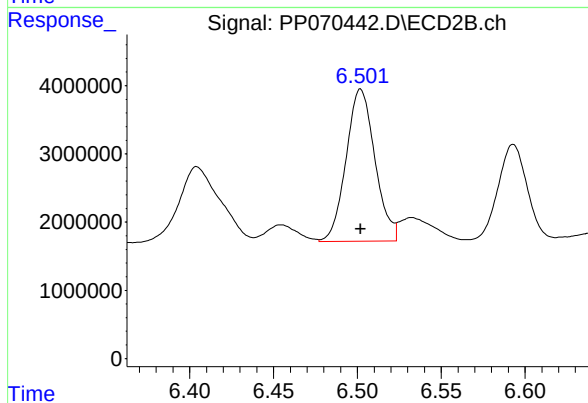
#28 AR-1254-3

R.T.: 6.274 min  
Delta R.T.: 0.000 min  
Response: 37866013  
Conc: 500.00 ng/ml



#29 AR-1254-4

R.T.: 7.391 min  
Delta R.T.: 0.000 min  
Response: 35816695  
Conc: 500.00 ng/ml



#29 AR-1254-4

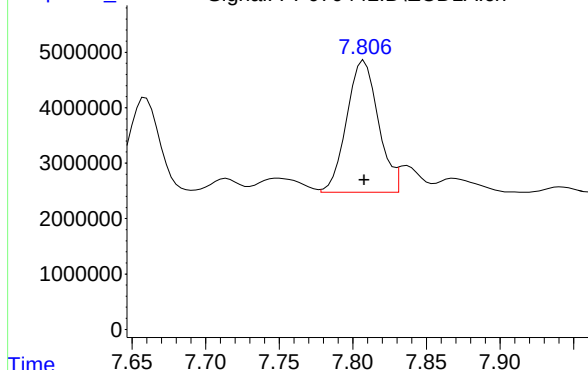
R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 26708804  
Conc: 500.00 ng/ml



Response\_

Signal: PP070442.D\ECD1A.ch

#30 AR-1254-5



R.T.: 7.808 min

Delta R.T.: 0.000 min

Response: 35524526

Conc: 500.00 ng/ml

Instrument :

ECD\_P

ClientSampleId :

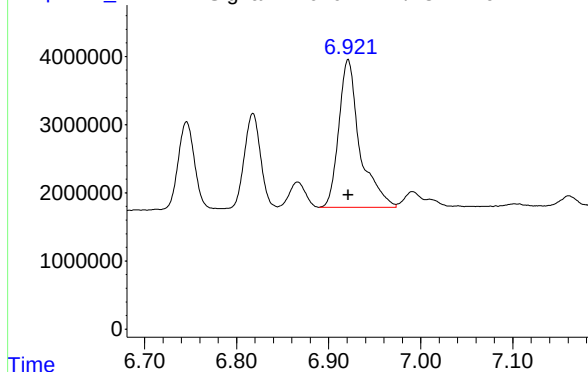
AR1254ICC500

Time

Response\_

Signal: PP070442.D\ECD2B.ch

#30 AR-1254-5



R.T.: 6.921 min

Delta R.T.: 0.000 min

Response: 34456229

Conc: 500.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070443.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 21:44  
 Operator : YP\AJ  
 Sample : AR1254ICC250  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:43:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:41:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.522  | 3.828 | 41995422 | 27154292 | 26.297  | 26.622  |
| 2) SA Decachlor...          | 10.247 | 8.879 | 29750638 | 28828167 | 26.287  | 26.521  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.524  | 5.721 | 15632135 | 15086022 | 267.633 | 266.921 |
| 27) L6 AR-1254-2            | 6.740  | 5.869 | 22251661 | 13109555 | 265.704 | 270.160 |
| 28) L6 AR-1254-3            | 7.103  | 6.274 | 22535007 | 20354474 | 260.994 | 268.770 |
| 29) L6 AR-1254-4            | 7.386  | 6.502 | 18941969 | 14262234 | 264.429 | 266.995 |
| 30) L6 AR-1254-5            | 7.802  | 6.921 | 18651779 | 18303656 | 262.520 | 265.607 |
| -----                       |        |       |          |          |         |         |

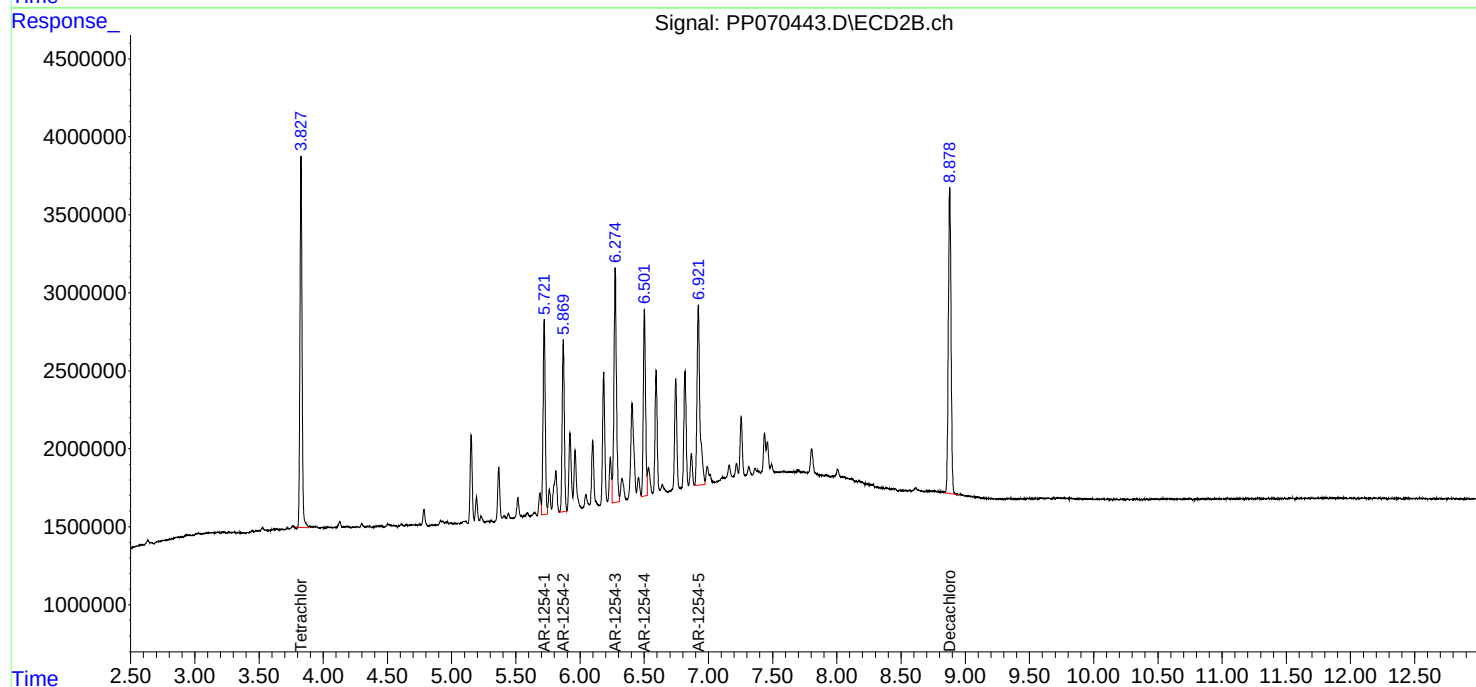
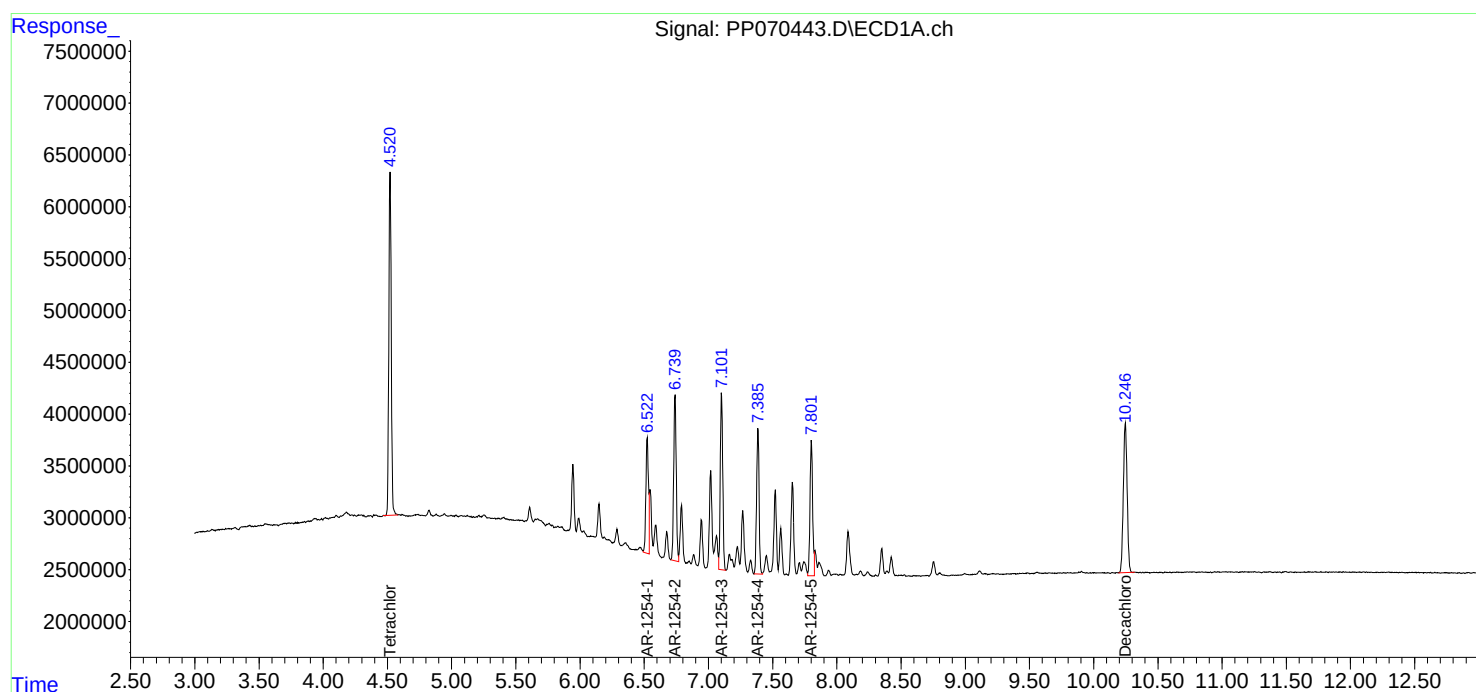
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

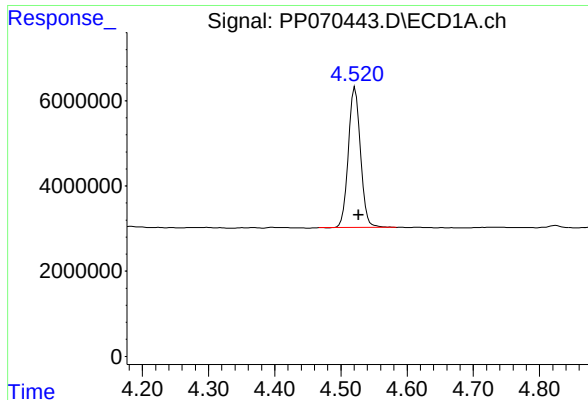
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070443.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 21:44  
Operator : YP\AJ  
Sample : AR1254ICC250  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:43:11 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:41:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

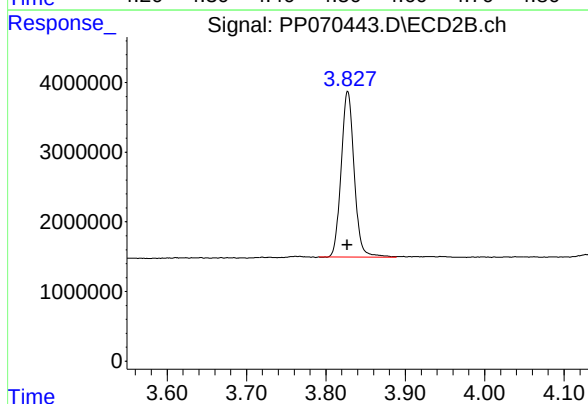




## #1 Tetrachloro-m-xylene

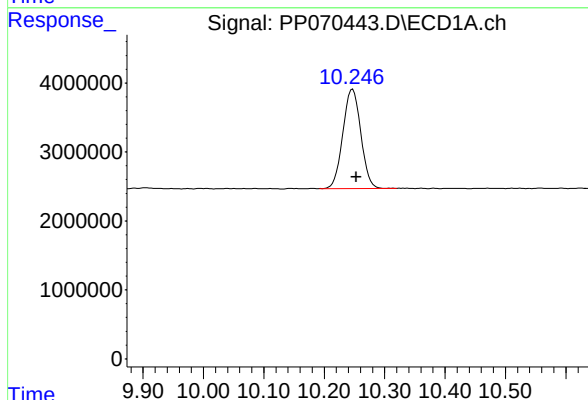
R.T.: 4.522 min  
Delta R.T.: -0.005 min  
Response: 41995422  
Conc: 26.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC250



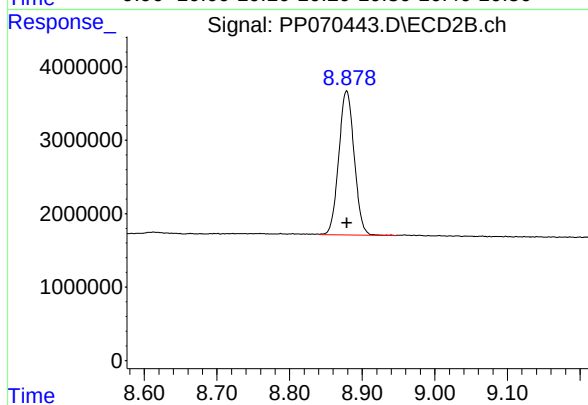
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 27154292  
Conc: 26.62 ng/ml



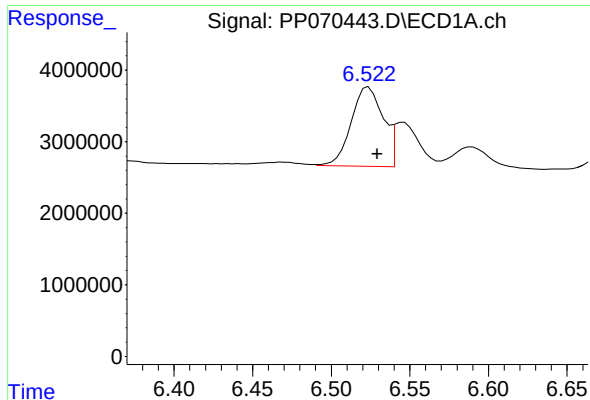
## #2 Decachlorobiphenyl

R.T.: 10.247 min  
Delta R.T.: -0.006 min  
Response: 29750638  
Conc: 26.29 ng/ml



## #2 Decachlorobiphenyl

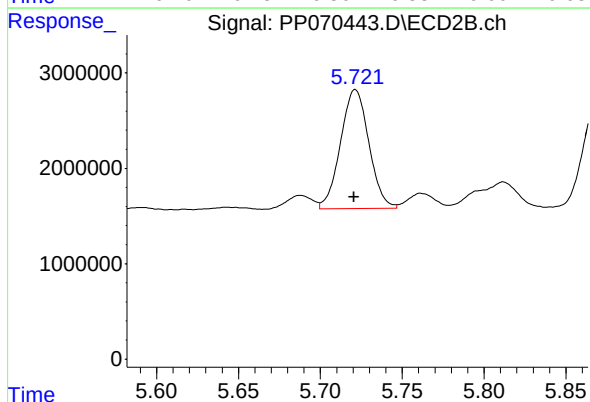
R.T.: 8.879 min  
Delta R.T.: 0.000 min  
Response: 28828167  
Conc: 26.52 ng/ml



#26 AR-1254-1

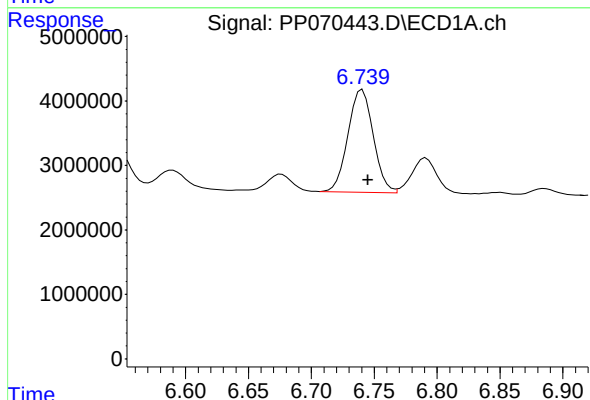
R.T.: 6.524 min  
Delta R.T.: -0.006 min  
Response: 15632135  
Conc: 267.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC250



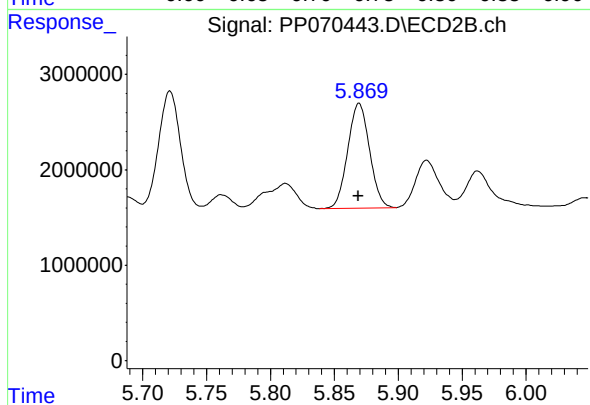
#26 AR-1254-1

R.T.: 5.721 min  
Delta R.T.: 0.000 min  
Response: 15086022  
Conc: 266.92 ng/ml



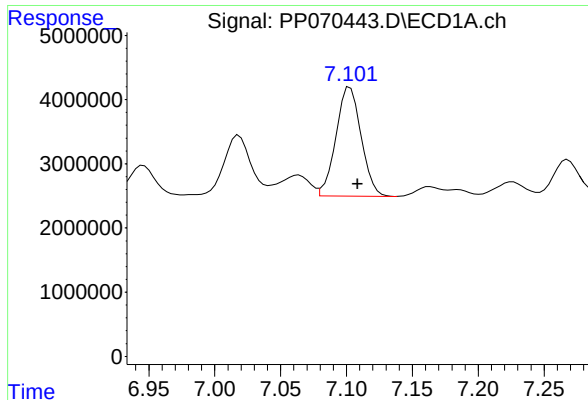
#27 AR-1254-2

R.T.: 6.740 min  
Delta R.T.: -0.005 min  
Response: 22251661  
Conc: 265.70 ng/ml



#27 AR-1254-2

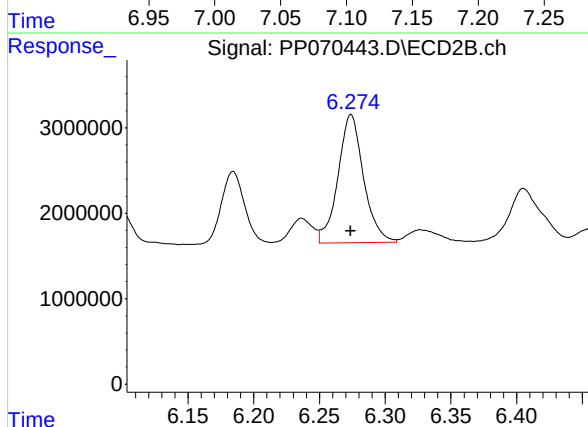
R.T.: 5.869 min  
Delta R.T.: 0.000 min  
Response: 13109555  
Conc: 270.16 ng/ml



#28 AR-1254-3

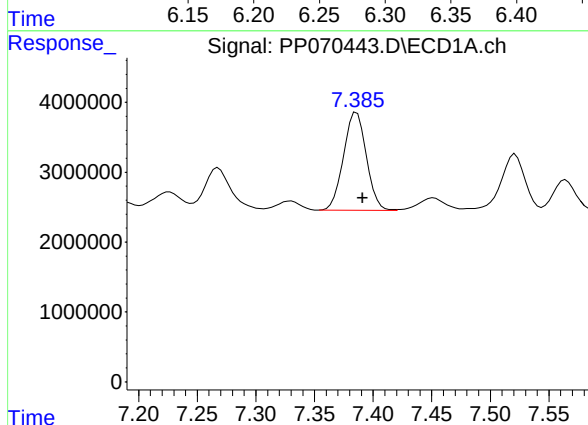
R.T.: 7.103 min  
Delta R.T.: -0.006 min  
Response: 22535007  
Conc: 260.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC250



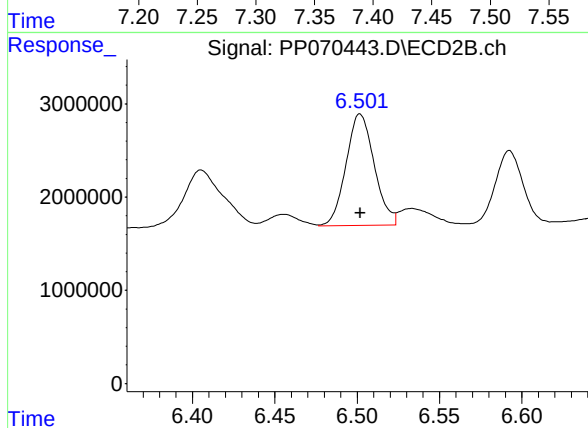
#28 AR-1254-3

R.T.: 6.274 min  
Delta R.T.: 0.000 min  
Response: 20354474  
Conc: 268.77 ng/ml



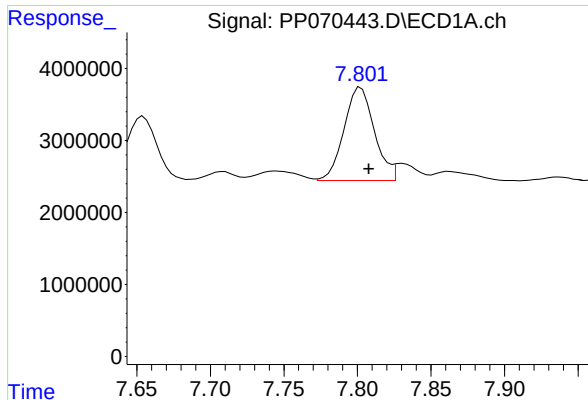
#29 AR-1254-4

R.T.: 7.386 min  
Delta R.T.: -0.005 min  
Response: 18941969  
Conc: 264.43 ng/ml



#29 AR-1254-4

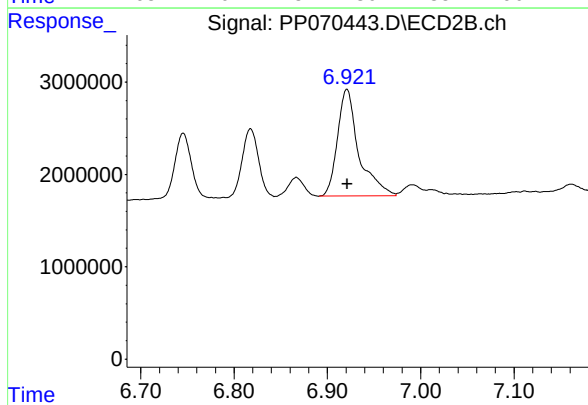
R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 14262234  
Conc: 266.99 ng/ml



#30 AR-1254-5

R.T.: 7.802 min  
Delta R.T.: -0.005 min  
Response: 18651779  
Conc: 262.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC250



#30 AR-1254-5

R.T.: 6.921 min  
Delta R.T.: 0.000 min  
Response: 18303656  
Conc: 265.61 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070444.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 22:00  
 Operator : YP\AJ  
 Sample : AR1254ICC050  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:43:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:41:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|---------|---------|--------|--------|
| -----                       |        |       |         |         |        |        |
| System Monitoring Compounds |        |       |         |         |        |        |
| 1) SA Tetrachlo...          | 4.525  | 3.828 | 8190039 | 4946549 | 5.129  | 4.850  |
| 2) SA Decachlor...          | 10.249 | 8.879 | 5357119 | 5757506 | 4.733  | 5.297  |
| Target Compounds            |        |       |         |         |        |        |
| 26) L6 AR-1254-1            | 6.527  | 5.722 | 2919684 | 3096335 | 49.987 | 54.784 |
| 27) L6 AR-1254-2            | 6.743  | 5.870 | 3852617 | 2719612 | 46.003 | 56.045 |
| 28) L6 AR-1254-3            | 7.107  | 6.275 | 4209211 | 3937712 | 48.750 | 51.995 |
| 29) L6 AR-1254-4            | 7.388  | 6.503 | 3479126 | 2689850 | 48.568 | 50.355 |
| 30) L6 AR-1254-5            | 7.806  | 6.922 | 3508468 | 3731398 | 49.381 | 54.147 |
| -----                       |        |       |         |         |        |        |

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

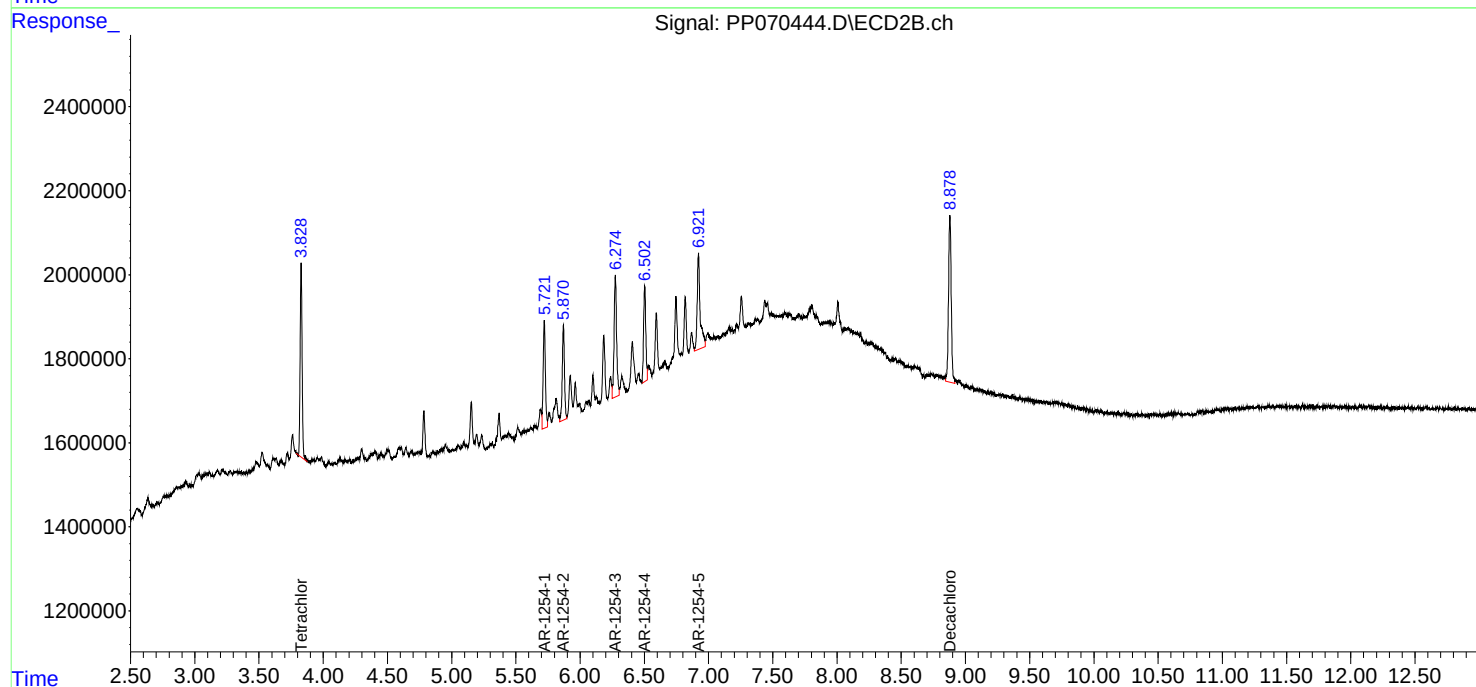
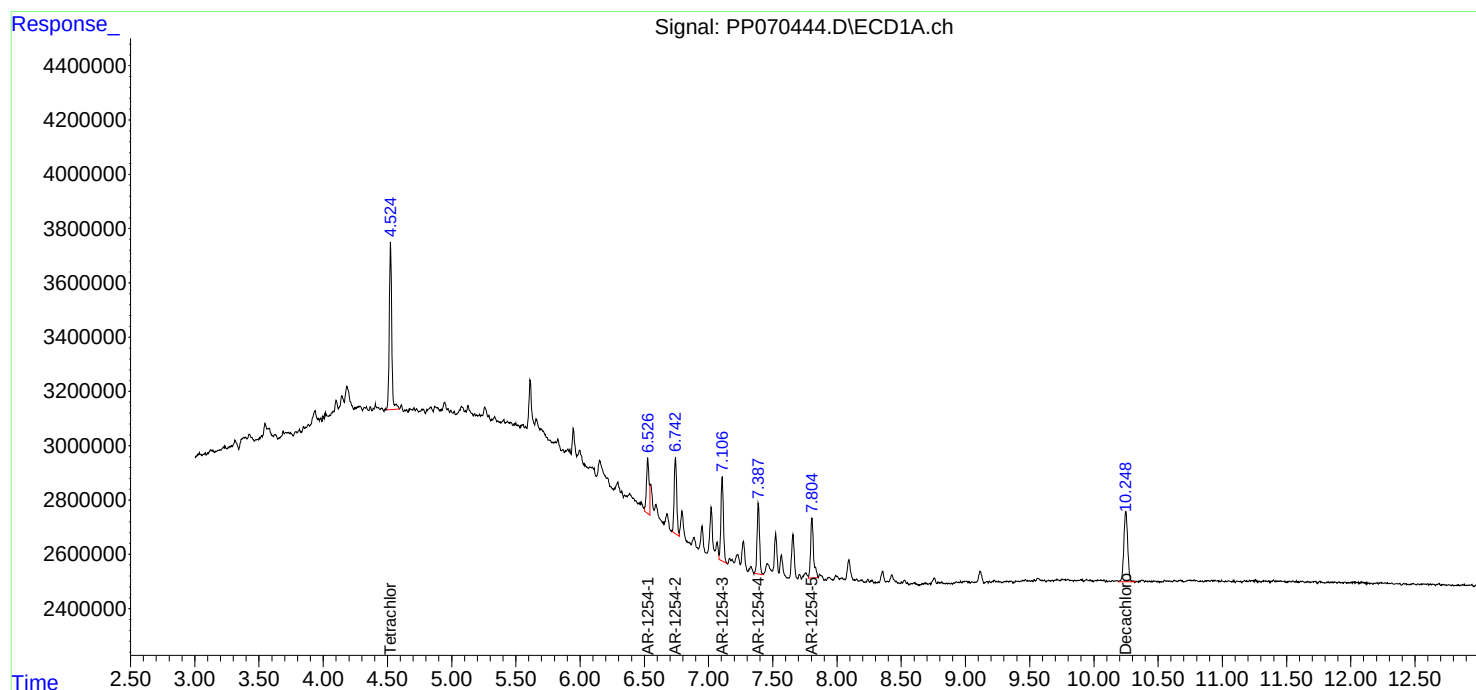


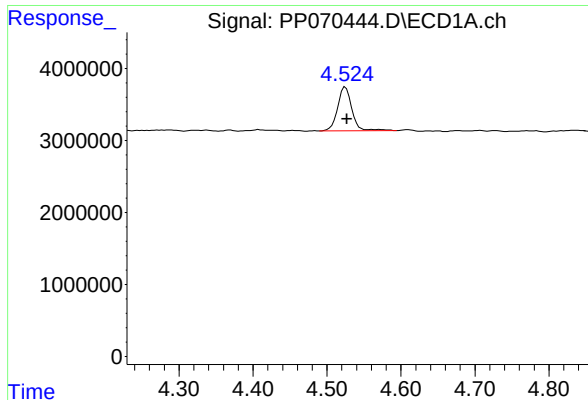
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070444.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 22:00  
Operator : YP\AJ  
Sample : AR1254ICC050  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:43:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:41:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

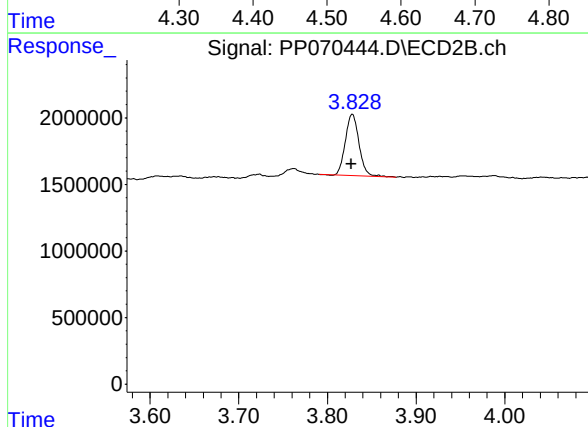




## #1 Tetrachloro-m-xylene

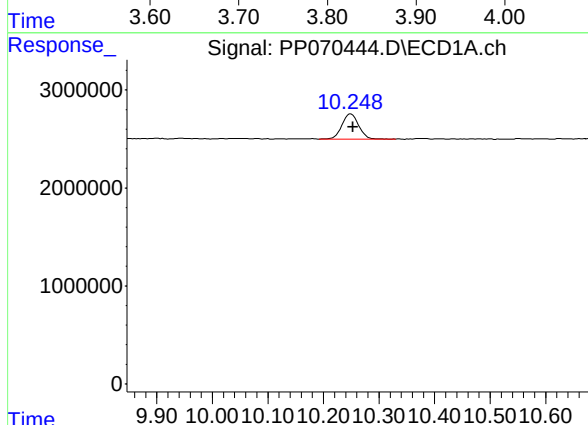
R.T.: 4.525 min  
Delta R.T.: -0.002 min  
Response: 8190039  
Conc: 5.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC050



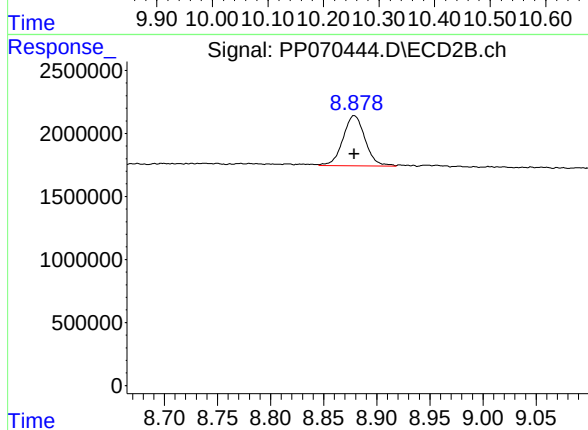
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.001 min  
Response: 4946549  
Conc: 4.85 ng/ml



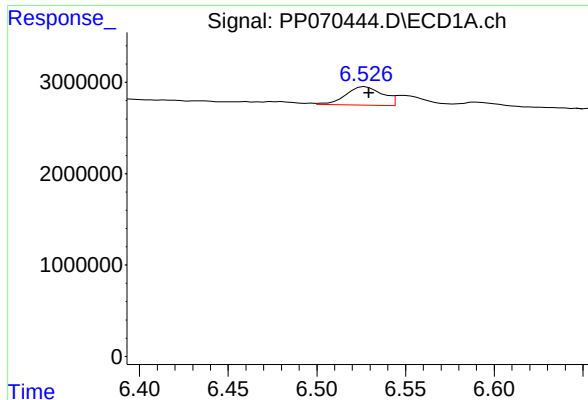
## #2 Decachlorobiphenyl

R.T.: 10.249 min  
Delta R.T.: -0.004 min  
Response: 5357119  
Conc: 4.73 ng/ml



## #2 Decachlorobiphenyl

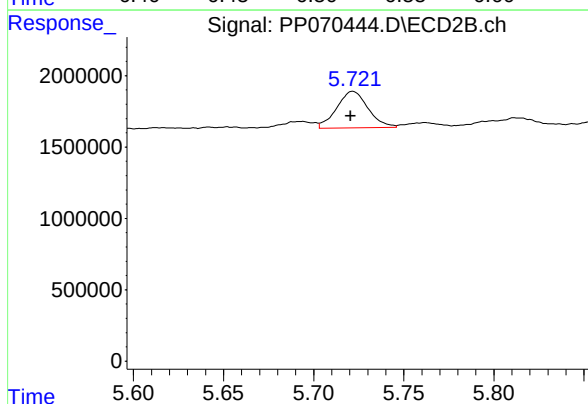
R.T.: 8.879 min  
Delta R.T.: 0.000 min  
Response: 5757506  
Conc: 5.30 ng/ml



#26 AR-1254-1

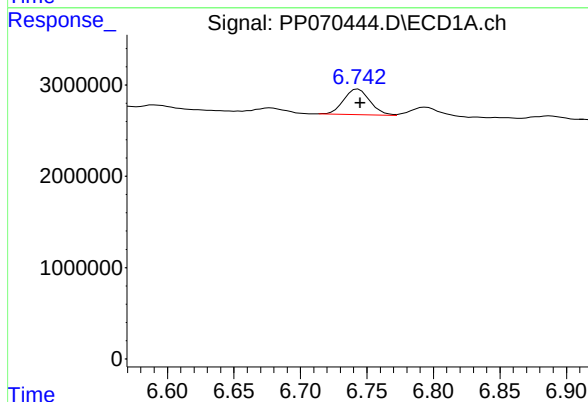
R.T.: 6.527 min  
Delta R.T.: -0.002 min  
Response: 2919684  
Conc: 49.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC050



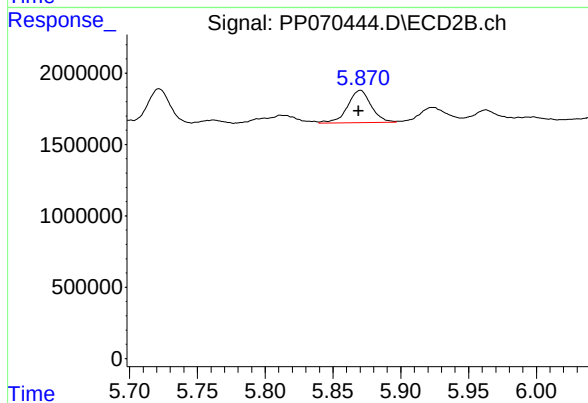
#26 AR-1254-1

R.T.: 5.722 min  
Delta R.T.: 0.001 min  
Response: 3096335  
Conc: 54.78 ng/ml



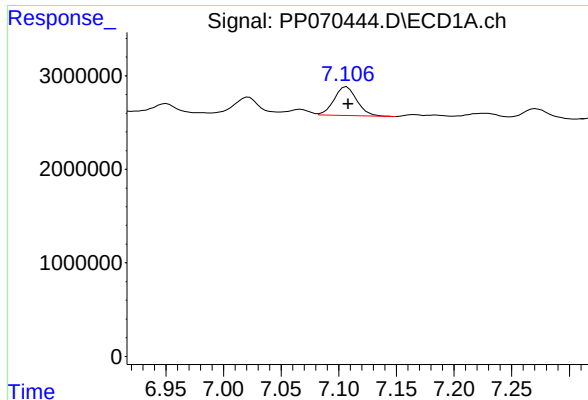
#27 AR-1254-2

R.T.: 6.743 min  
Delta R.T.: -0.002 min  
Response: 3852617  
Conc: 46.00 ng/ml



#27 AR-1254-2

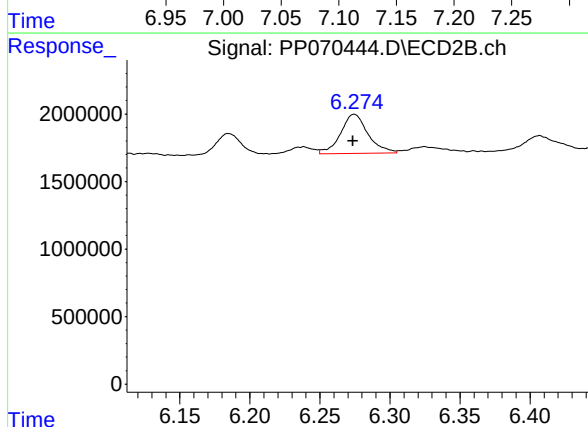
R.T.: 5.870 min  
Delta R.T.: 0.001 min  
Response: 2719612  
Conc: 56.05 ng/ml



#28 AR-1254-3

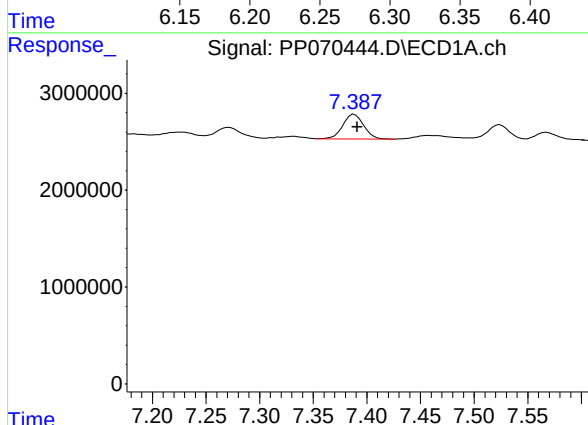
R.T.: 7.107 min  
Delta R.T.: -0.001 min  
Response: 4209211  
Conc: 48.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC050



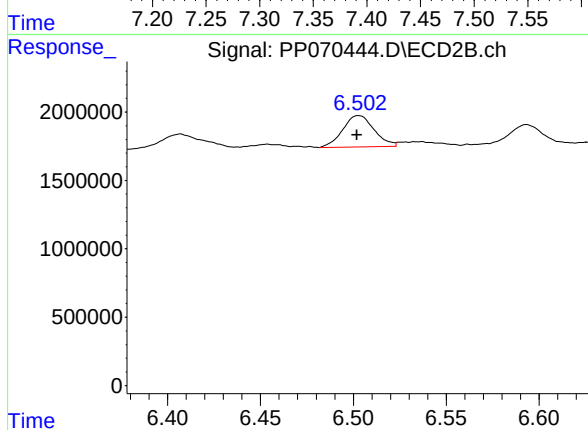
#28 AR-1254-3

R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 3937712  
Conc: 52.00 ng/ml



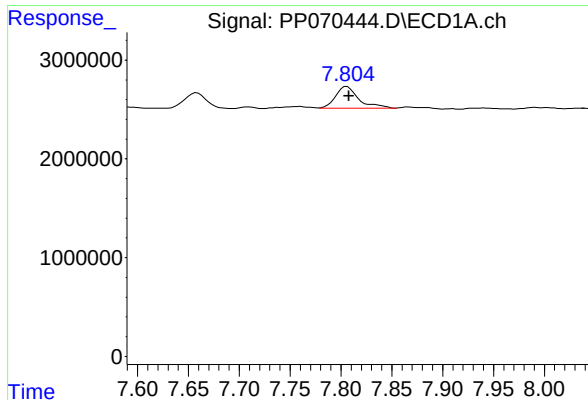
#29 AR-1254-4

R.T.: 7.388 min  
Delta R.T.: -0.003 min  
Response: 3479126  
Conc: 48.57 ng/ml



#29 AR-1254-4

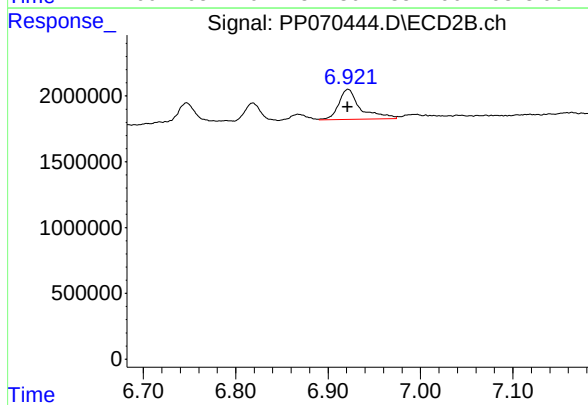
R.T.: 6.503 min  
Delta R.T.: 0.000 min  
Response: 2689850  
Conc: 50.36 ng/ml



#30 AR-1254-5

R.T.: 7.806 min  
Delta R.T.: -0.002 min  
Response: 3508468  
Conc: 49.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC050



#30 AR-1254-5

R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 3731398  
Conc: 54.15 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070445.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 22:16  
 Operator : YP\AJ  
 Sample : AR1262ICC500  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1262ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:54:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:53:51 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.524  | 3.828 | 79987375 | 50598241 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.249 | 8.880 | 55265895 | 53517923 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 36) L8 AR-1262-1            | 8.107  | 6.960 | 40859309 | 41831981 | 500.000 | 500.000 |
| 37) L8 AR-1262-2            | 8.427  | 7.219 | 82356816 | 34364927 | 500.000 | 500.000 |
| 38) L8 AR-1262-3            | 8.745  | 7.743 | 56082248 | 32993103 | 500.000 | 500.000 |
| 39) L8 AR-1262-4            | 8.830  | 7.808 | 41901860 | 52217661 | 500.000 | 500.000 |
| 40) L8 AR-1262-5            | 9.487  | 8.310 | 29448112 | 25775032 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

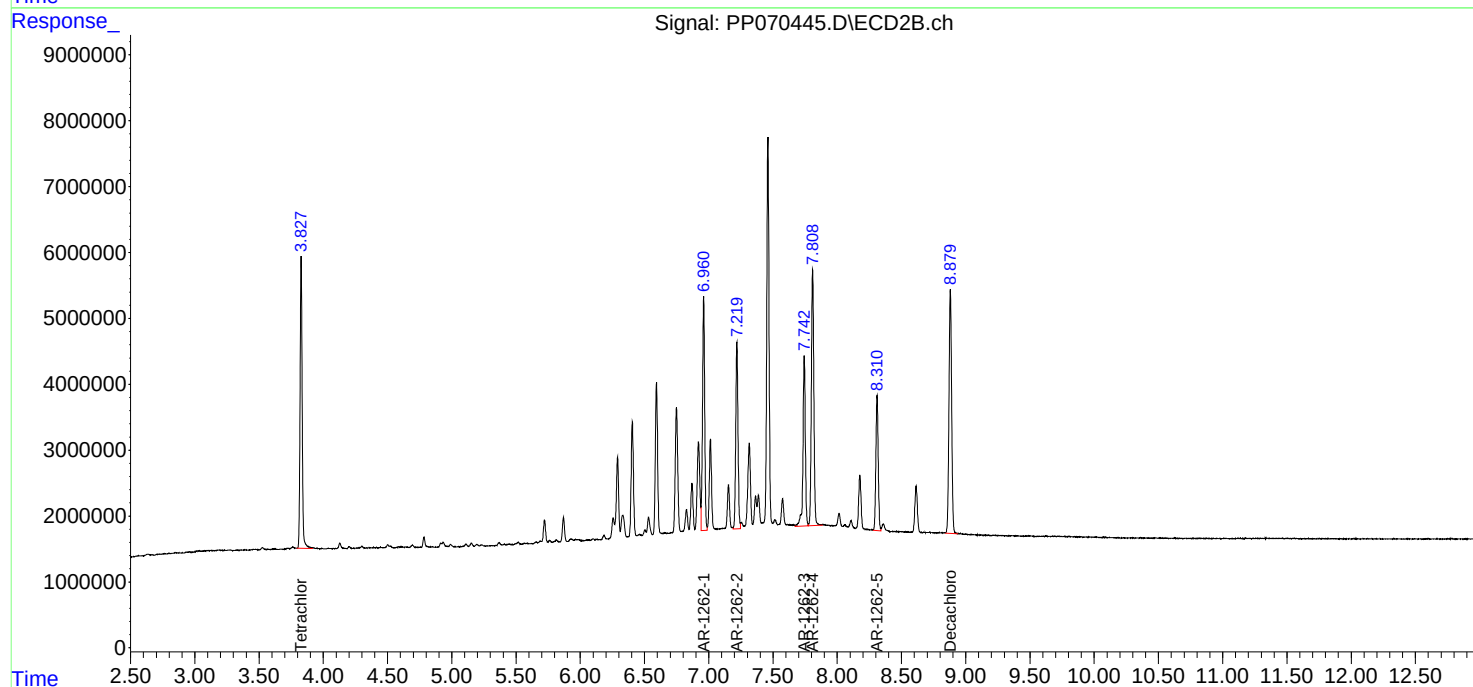
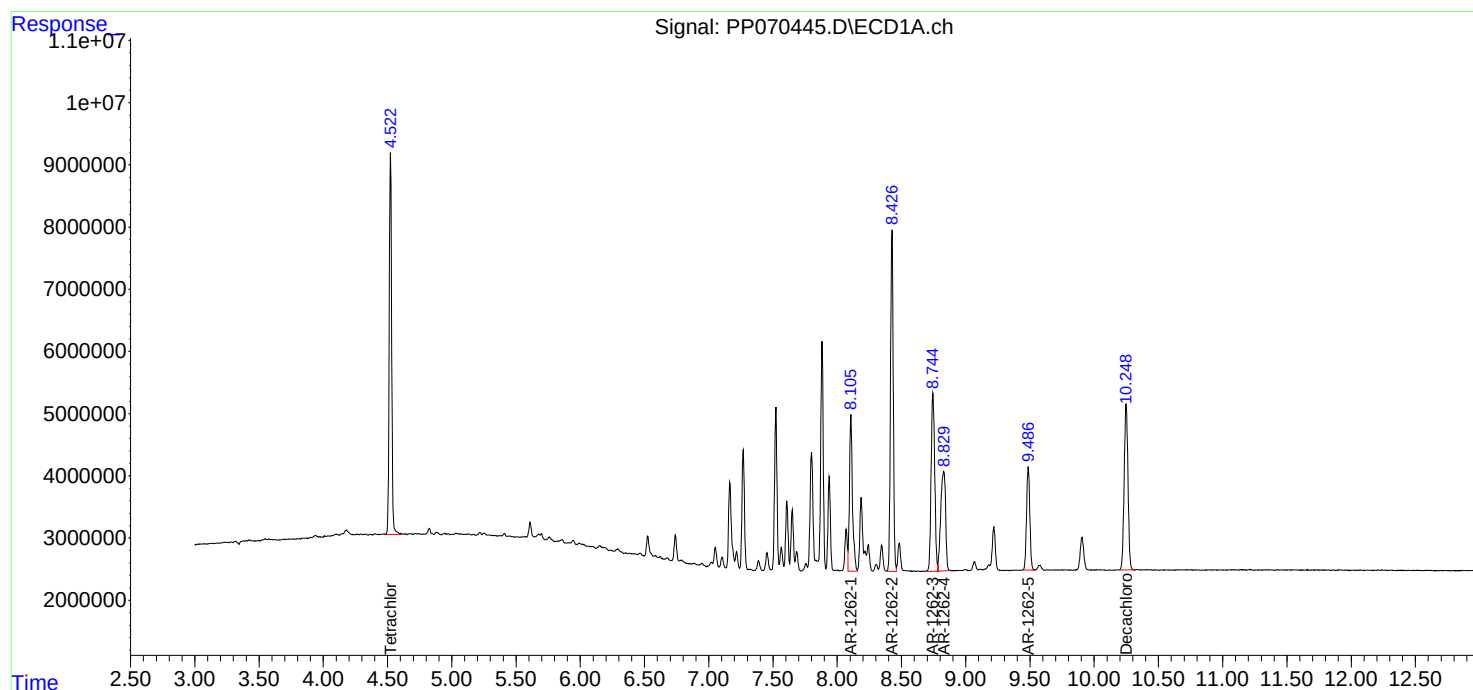
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

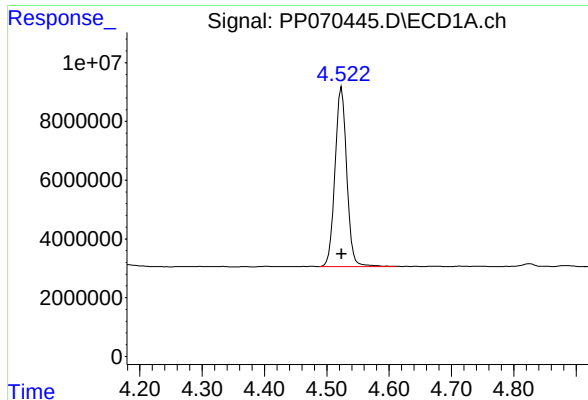
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070445.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 22:16  
Operator : YP\AJ  
Sample : AR1262ICC500  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:54:05 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:53:51 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

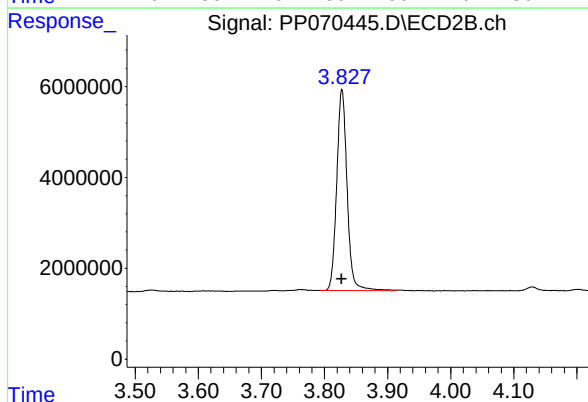




## #1 Tetrachloro-m-xylene

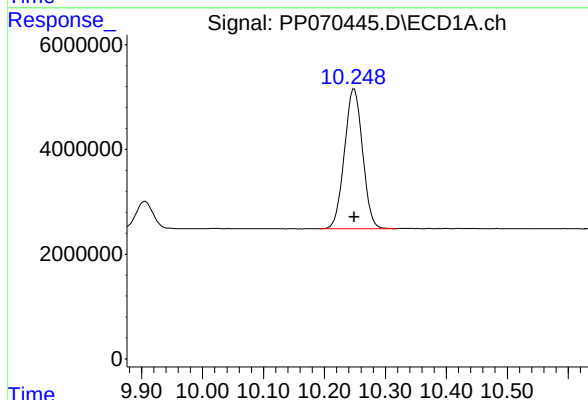
R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 79987375  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262ICC500



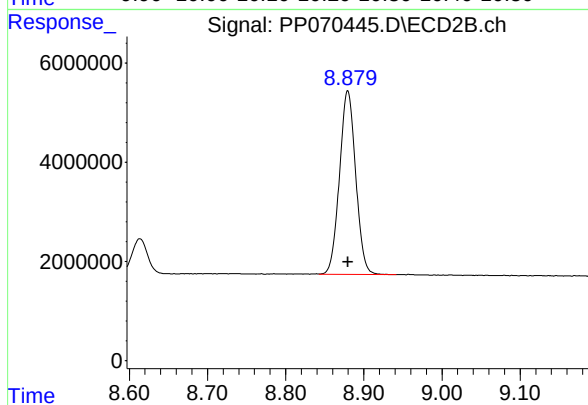
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 50598241  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

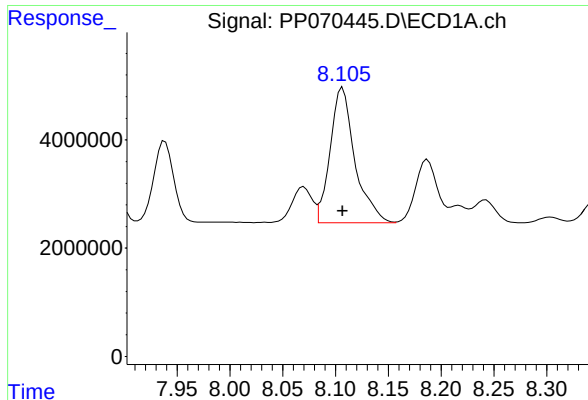
R.T.: 10.249 min  
Delta R.T.: 0.000 min  
Response: 55265895  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.880 min  
Delta R.T.: 0.000 min  
Response: 53517923  
Conc: 50.00 ng/ml

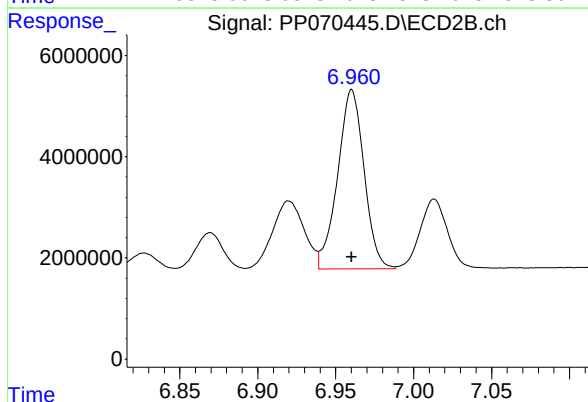




#36 AR-1262-1

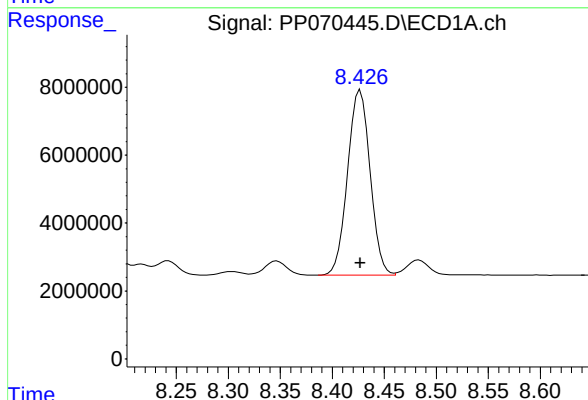
R.T.: 8.107 min  
Delta R.T.: 0.000 min  
Response: 40859309  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262ICC500



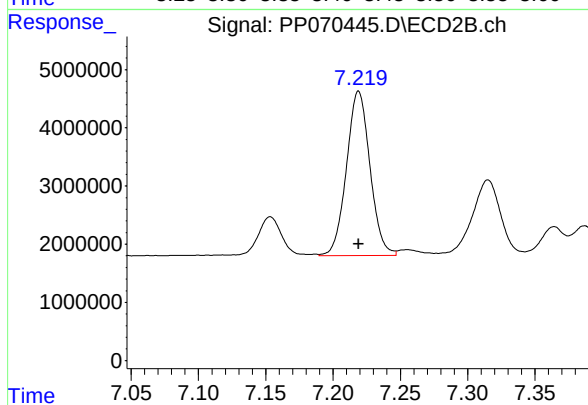
#36 AR-1262-1

R.T.: 6.960 min  
Delta R.T.: 0.000 min  
Response: 41831981  
Conc: 500.00 ng/ml



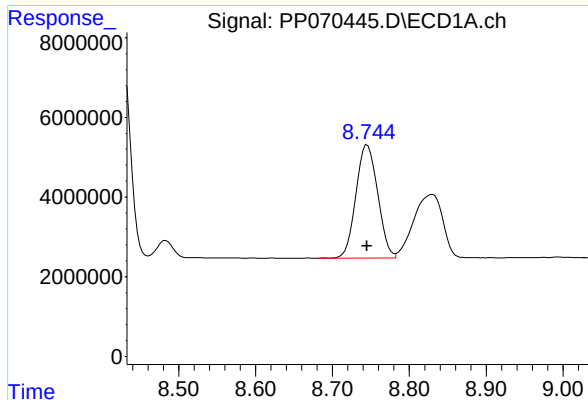
#37 AR-1262-2

R.T.: 8.427 min  
Delta R.T.: 0.000 min  
Response: 82356816  
Conc: 500.00 ng/ml



#37 AR-1262-2

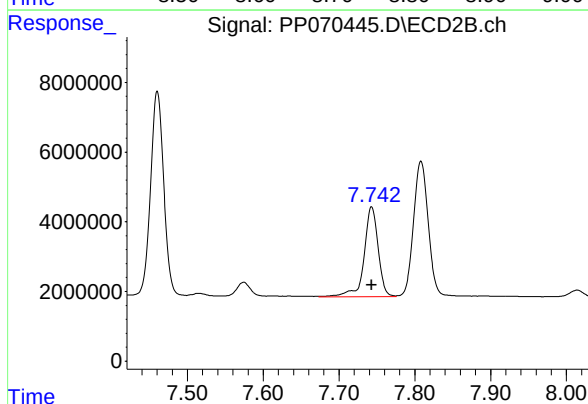
R.T.: 7.219 min  
Delta R.T.: 0.000 min  
Response: 34364927  
Conc: 500.00 ng/ml



#38 AR-1262-3

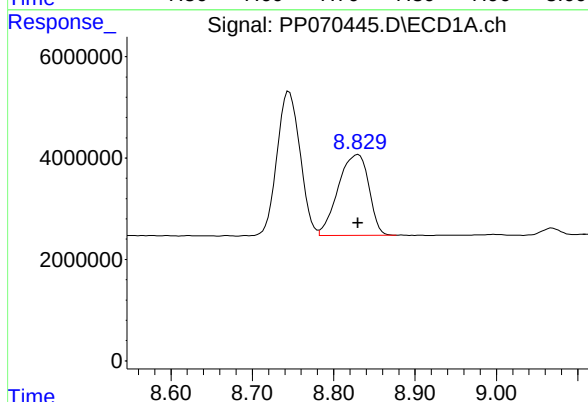
R.T.: 8.745 min  
Delta R.T.: 0.000 min  
Response: 56082248  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262ICC500



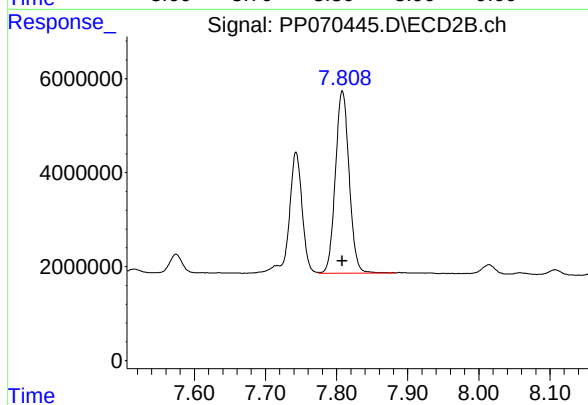
#38 AR-1262-3

R.T.: 7.743 min  
Delta R.T.: 0.000 min  
Response: 32993103  
Conc: 500.00 ng/ml



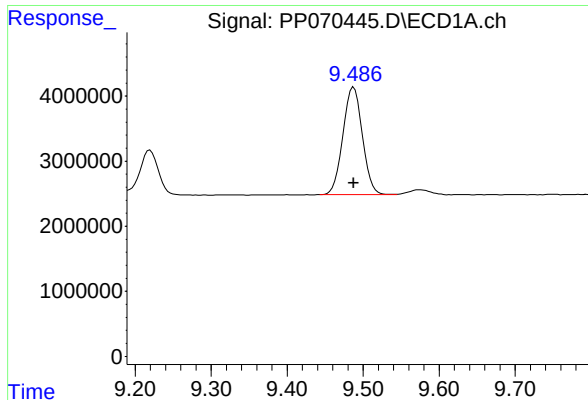
#39 AR-1262-4

R.T.: 8.830 min  
Delta R.T.: 0.000 min  
Response: 41901860  
Conc: 500.00 ng/ml



#39 AR-1262-4

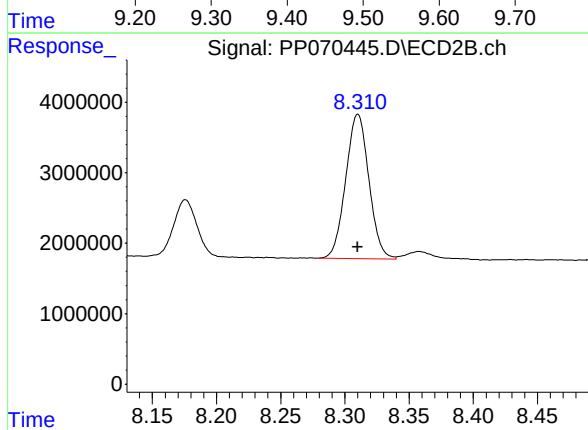
R.T.: 7.808 min  
Delta R.T.: 0.000 min  
Response: 52217661  
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.487 min  
Delta R.T.: 0.000 min  
Response: 29448112  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262ICC500



#40 AR-1262-5

R.T.: 8.310 min  
Delta R.T.: 0.000 min  
Response: 25775032  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070446.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 22:33  
 Operator : YP\AJ  
 Sample : AR1268ICC1000  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 23:51:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 23:28:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.527  | 3.827 | 156.0E6  | 101.9E6  | 94.867  | 92.435  |
| 2) SA Decachlor...          | 10.254 | 8.878 | 179.7E6  | 163.2E6  | 93.195  | 93.675  |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.745  | 7.743 | 188.5E6  | 168.4E6  | 935.648 | 940.387 |
| 42) L9 AR-1268-2            | 8.839  | 7.808 | 162.7E6  | 142.0E6  | 939.401 | 947.708 |
| 43) L9 AR-1268-3            | 9.072  | 8.015 | 140.0E6  | 125.4E6  | 934.124 | 967.486 |
| 44) L9 AR-1268-4            | 9.491  | 8.309 | 62601215 | 54287293 | 945.965 | 955.597 |
| 45) L9 AR-1268-5            | 9.911  | 8.613 | 401.2E6  | 364.2E6  | 947.852 | 962.567 |
| -----                       |        |       |          |          |         |         |

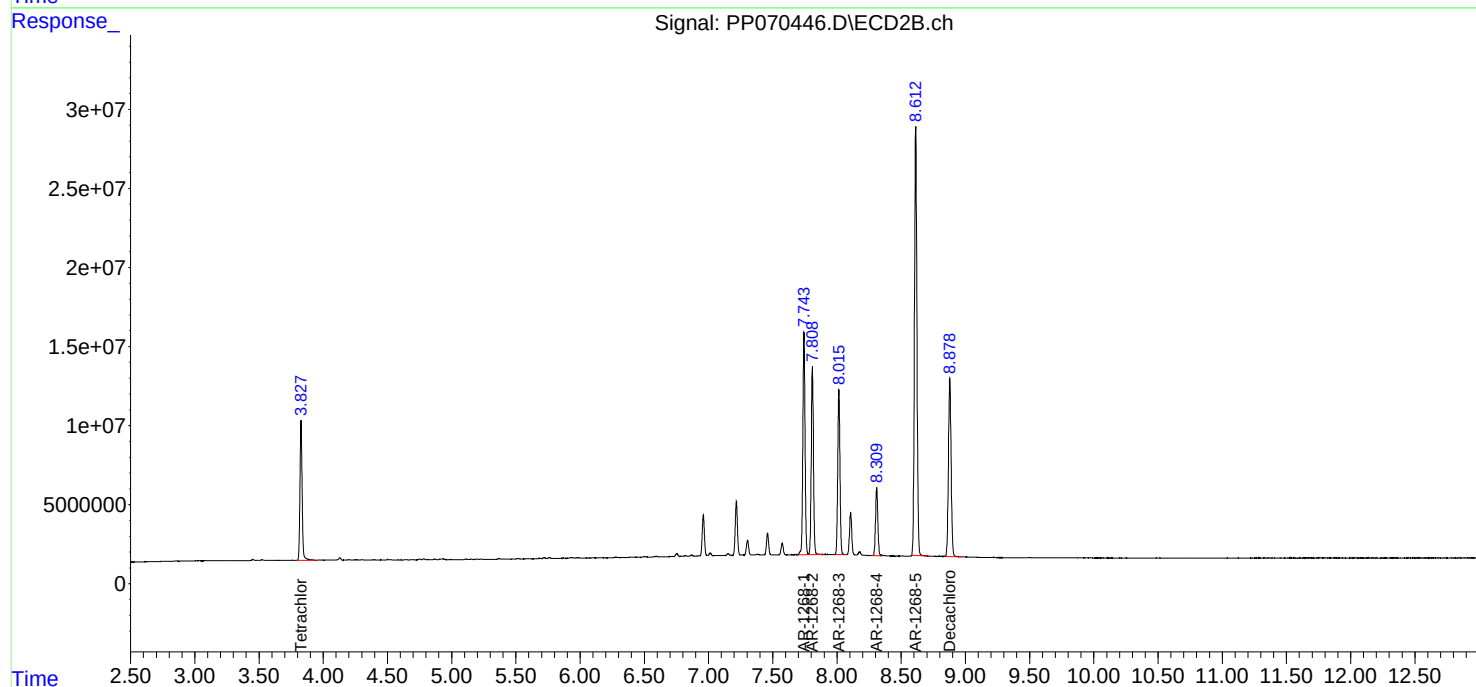
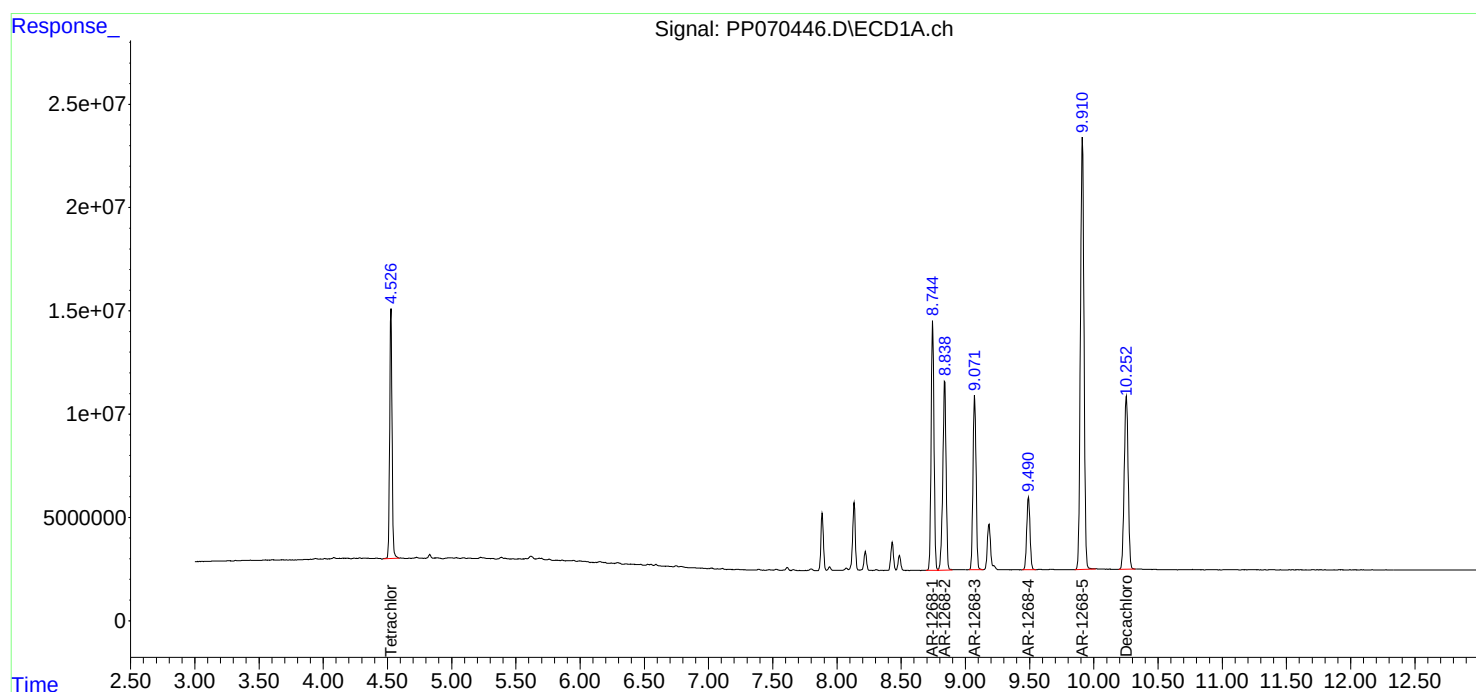
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

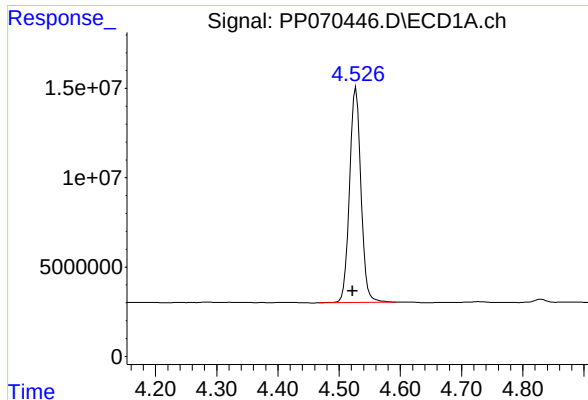
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070446.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 22:33  
Operator : YP\AJ  
Sample : AR1268ICC1000  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 23:51:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 23:28:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

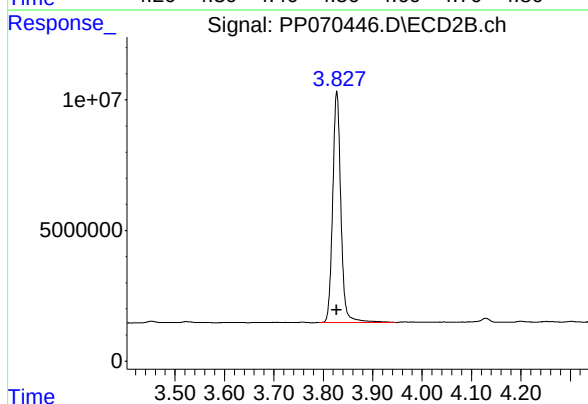




## #1 Tetrachloro-m-xylene

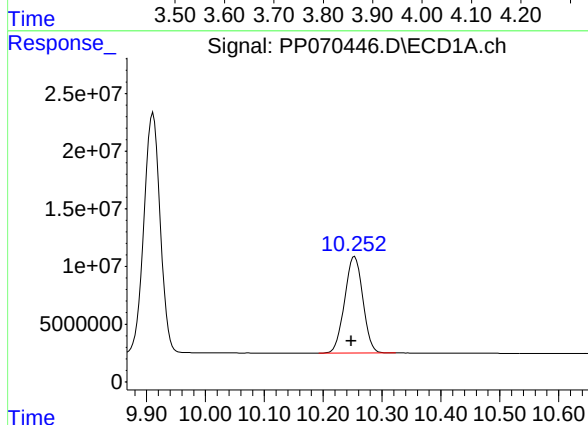
R.T.: 4.527 min  
Delta R.T.: 0.005 min  
Response: 155964491  
Conc: 94.87 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC1000



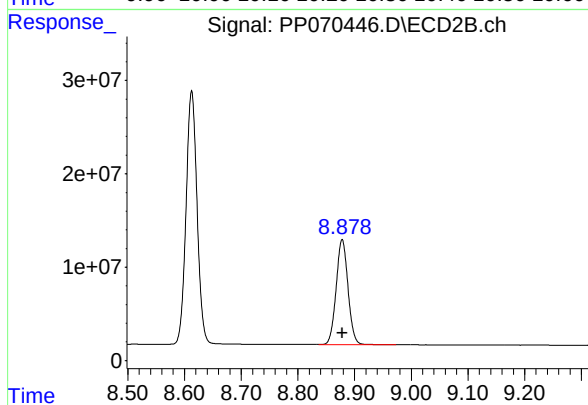
## #1 Tetrachloro-m-xylene

R.T.: 3.827 min  
Delta R.T.: 0.000 min  
Response: 101943210  
Conc: 92.43 ng/ml



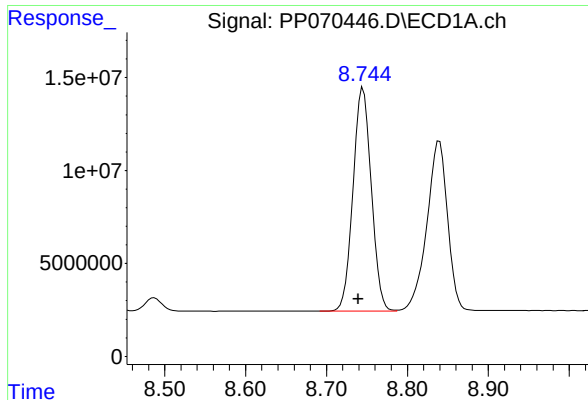
## #2 Decachlorobiphenyl

R.T.: 10.254 min  
Delta R.T.: 0.005 min  
Response: 179730530  
Conc: 93.19 ng/ml



## #2 Decachlorobiphenyl

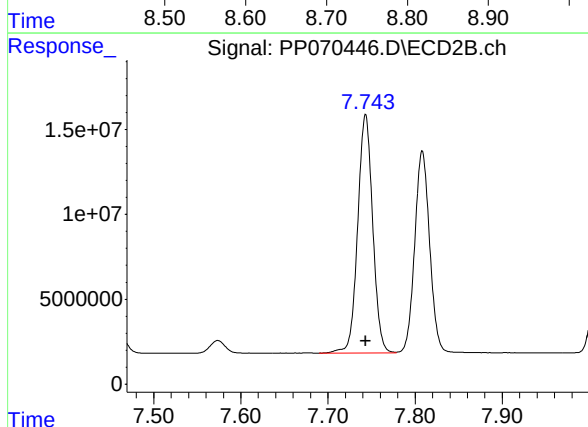
R.T.: 8.878 min  
Delta R.T.: 0.000 min  
Response: 163211603  
Conc: 93.68 ng/ml



#41 AR-1268-1

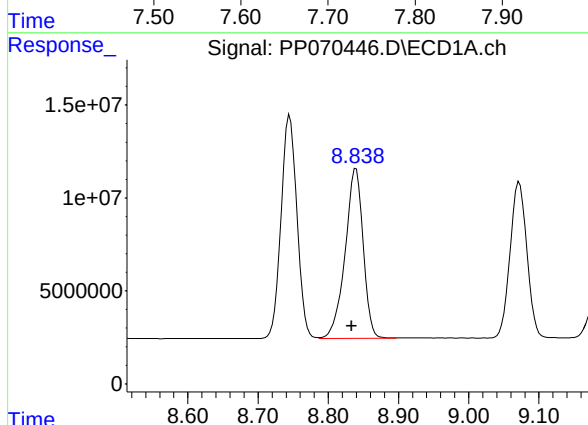
R.T.: 8.745 min  
Delta R.T.: 0.006 min  
Response: 188529701  
Conc: 935.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC1000



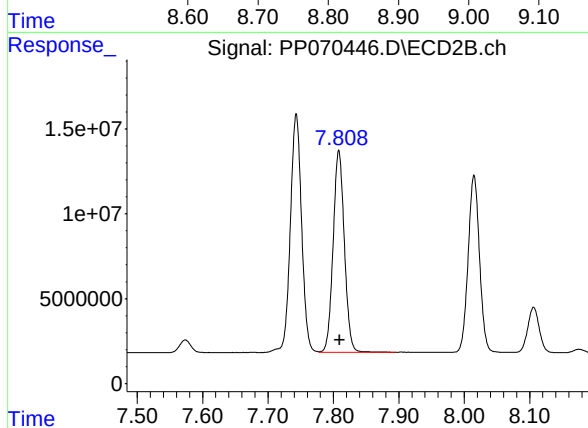
#41 AR-1268-1

R.T.: 7.743 min  
Delta R.T.: 0.000 min  
Response: 168373725  
Conc: 940.39 ng/ml



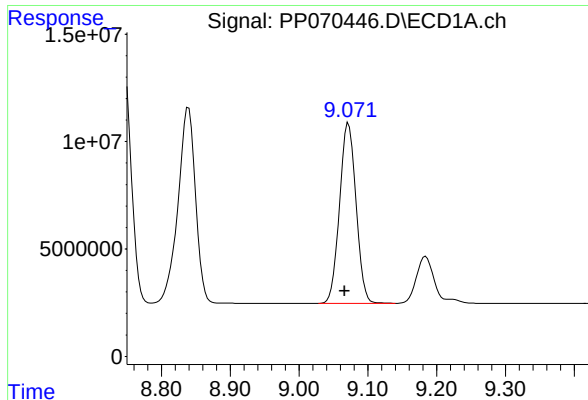
#42 AR-1268-2

R.T.: 8.839 min  
Delta R.T.: 0.006 min  
Response: 162712211  
Conc: 939.40 ng/ml



#42 AR-1268-2

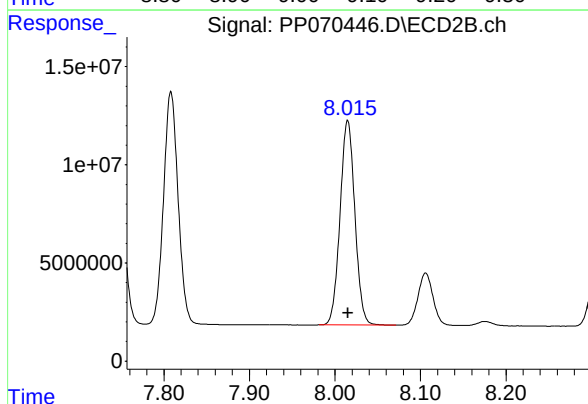
R.T.: 7.808 min  
Delta R.T.: 0.000 min  
Response: 142006892  
Conc: 947.71 ng/ml



#43 AR-1268-3

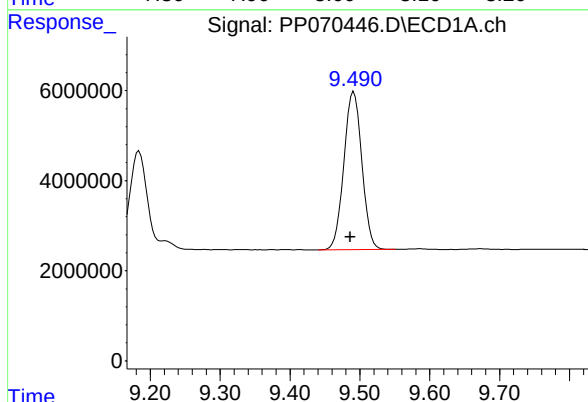
R.T.: 9.072 min  
Delta R.T.: 0.006 min  
Response: 139964894  
Conc: 934.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC1000



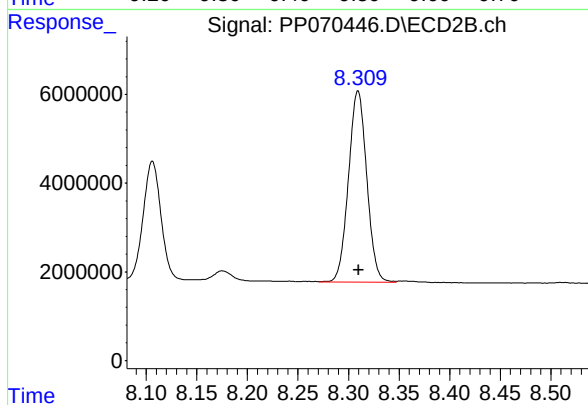
#43 AR-1268-3

R.T.: 8.015 min  
Delta R.T.: 0.000 min  
Response: 125351560  
Conc: 967.49 ng/ml



#44 AR-1268-4

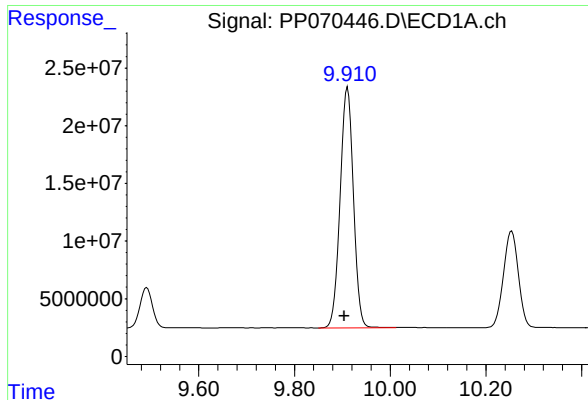
R.T.: 9.491 min  
Delta R.T.: 0.005 min  
Response: 62601215  
Conc: 945.97 ng/ml



#44 AR-1268-4

R.T.: 8.309 min  
Delta R.T.: 0.000 min  
Response: 54287293  
Conc: 955.60 ng/ml

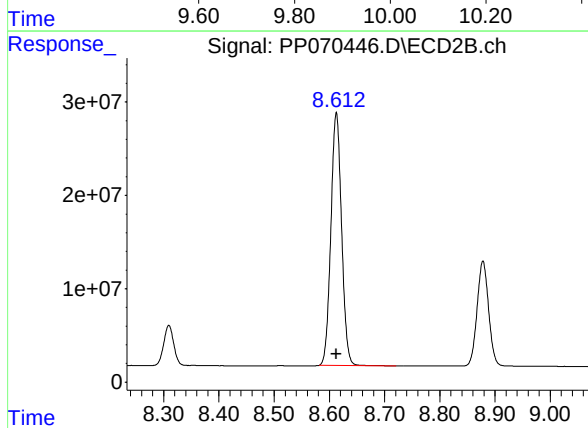




#45 AR-1268-5

R.T.: 9.911 min  
Delta R.T.: 0.007 min  
Response: 401160937  
Conc: 947.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.613 min  
Delta R.T.: 0.000 min  
Response: 364151928  
Conc: 962.57 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070447.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 22:49  
 Operator : YP\AJ  
 Sample : AR1268ICC750  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 23:51:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 23:28:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.525  | 3.828 | 116.7E6  | 77586720 | 71.014  | 70.350  |
| 2) SA Decachlor...          | 10.250 | 8.879 | 138.1E6  | 124.4E6  | 71.630  | 71.383  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.742  | 7.744 | 143.6E6  | 124.5E6  | 712.768 | 695.587 |
| 42) L9 AR-1268-2            | 8.836  | 7.809 | 124.1E6  | 105.1E6  | 716.292 | 701.198 |
| 43) L9 AR-1268-3            | 9.069  | 8.016 | 107.0E6  | 90348904 | 713.888 | 697.329 |
| 44) L9 AR-1268-4            | 9.489  | 8.309 | 47447237 | 39925484 | 716.974 | 702.792 |
| 45) L9 AR-1268-5            | 9.908  | 8.614 | 305.7E6  | 271.7E6  | 722.384 | 718.128 |
| -----                       |        |       |          |          |         |         |

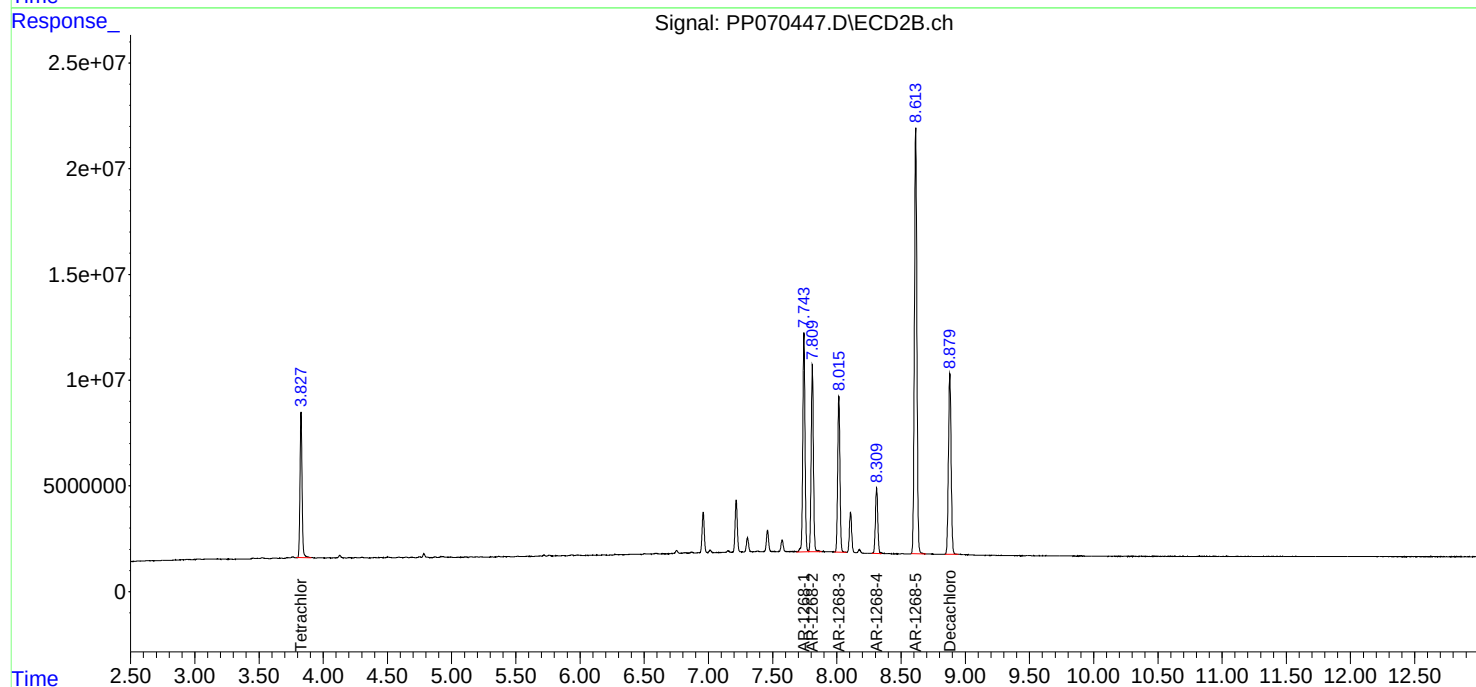
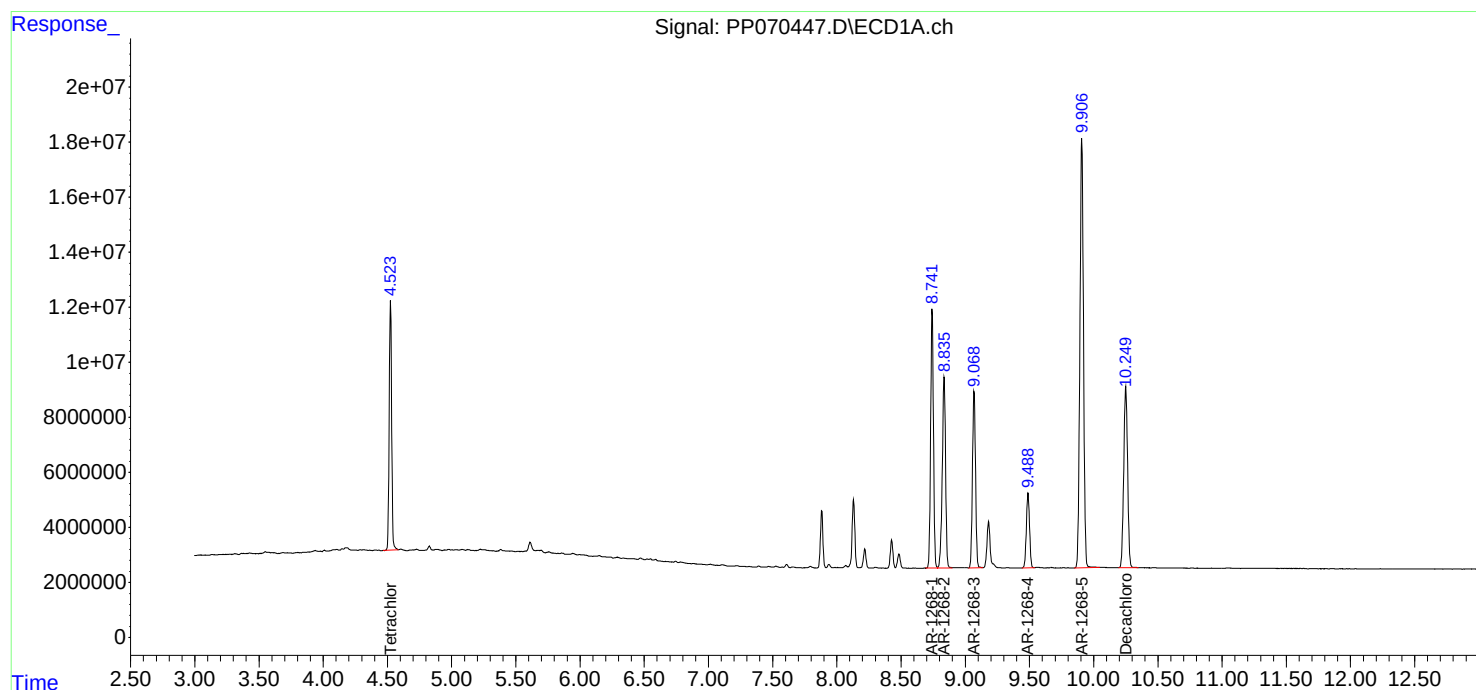
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

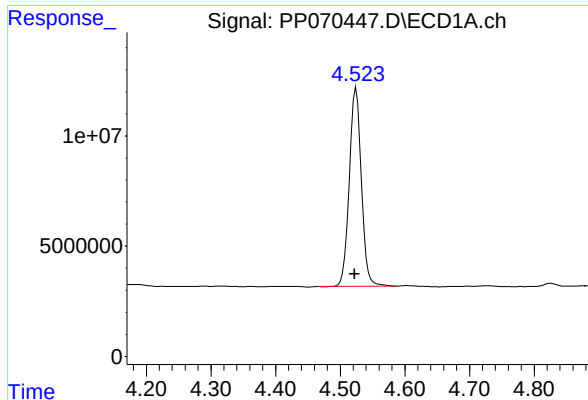
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070447.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 22:49  
Operator : YP\AJ  
Sample : AR1268ICC750  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 23:51:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 23:28:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

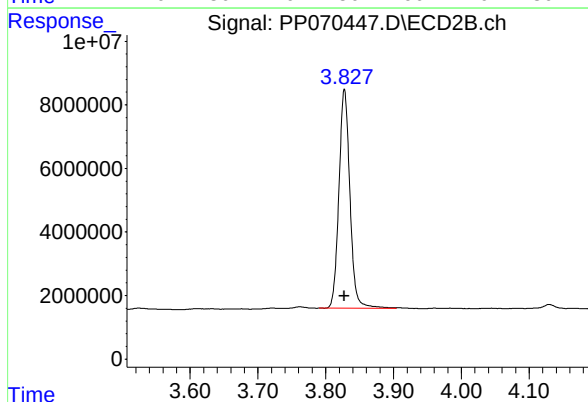




## #1 Tetrachloro-m-xylene

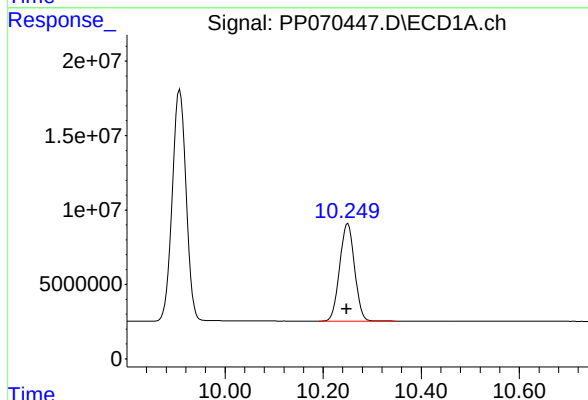
R.T.: 4.525 min  
Delta R.T.: 0.003 min  
Response: 116749803  
Conc: 71.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC750



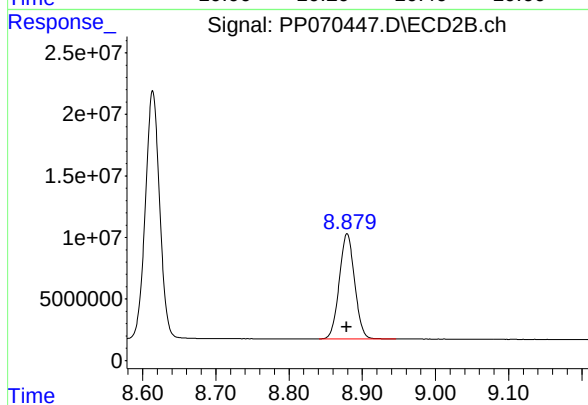
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 77586720  
Conc: 70.35 ng/ml



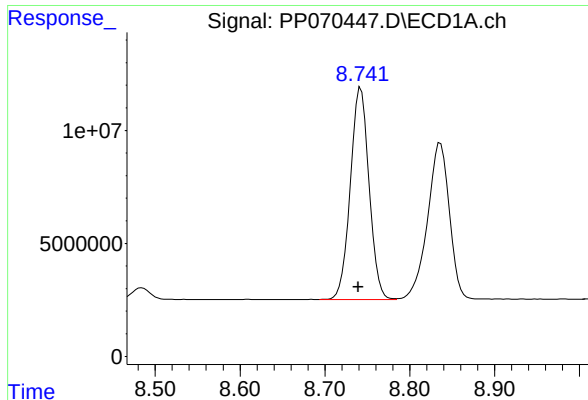
## #2 Decachlorobiphenyl

R.T.: 10.250 min  
Delta R.T.: 0.002 min  
Response: 138141204  
Conc: 71.63 ng/ml



## #2 Decachlorobiphenyl

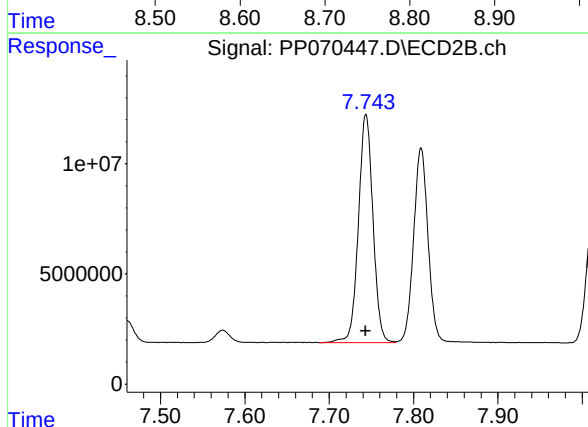
R.T.: 8.879 min  
Delta R.T.: 0.000 min  
Response: 124371034  
Conc: 71.38 ng/ml



#41 AR-1268-1

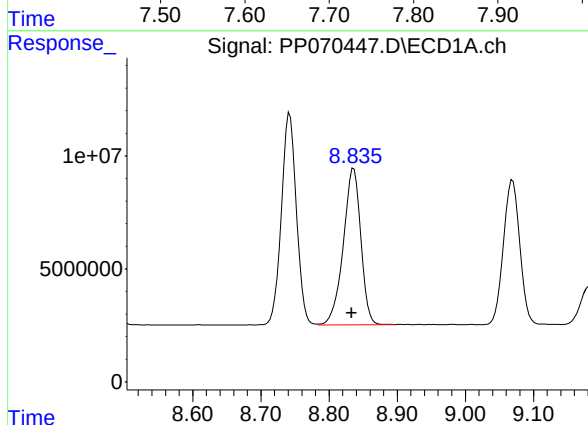
R.T.: 8.742 min  
Delta R.T.: 0.003 min  
Response: 143620217  
Conc: 712.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC750



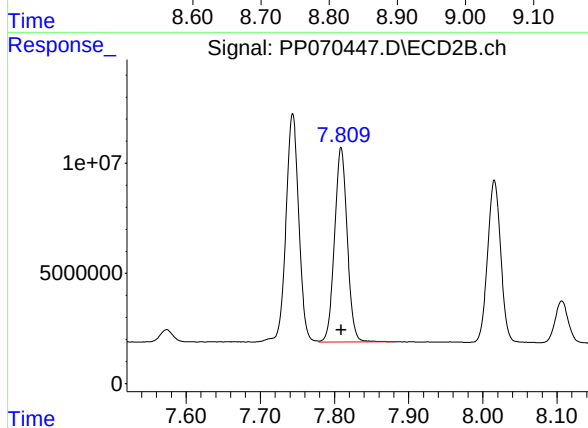
#41 AR-1268-1

R.T.: 7.744 min  
Delta R.T.: 0.000 min  
Response: 124542867  
Conc: 695.59 ng/ml



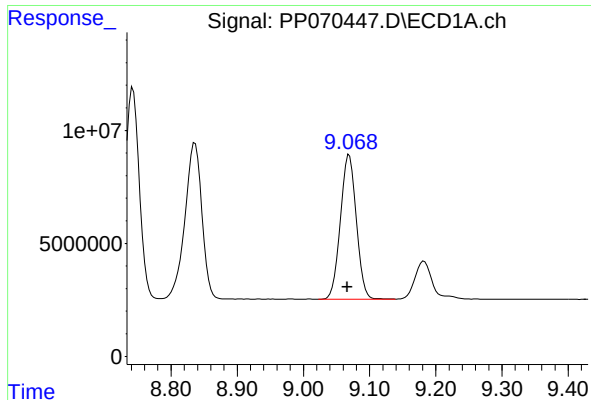
#42 AR-1268-2

R.T.: 8.836 min  
Delta R.T.: 0.003 min  
Response: 124067871  
Conc: 716.29 ng/ml



#42 AR-1268-2

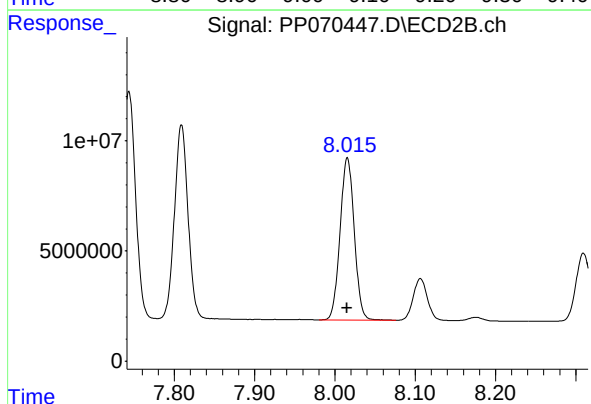
R.T.: 7.809 min  
Delta R.T.: 0.000 min  
Response: 105069147  
Conc: 701.20 ng/ml



#43 AR-1268-3

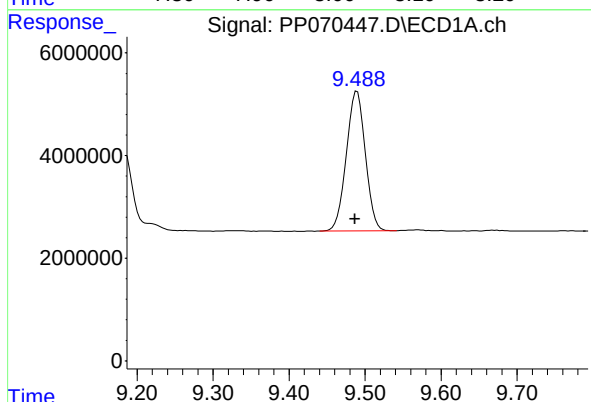
R.T.: 9.069 min  
Delta R.T.: 0.003 min  
Response: 106965737  
Conc: 713.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC750



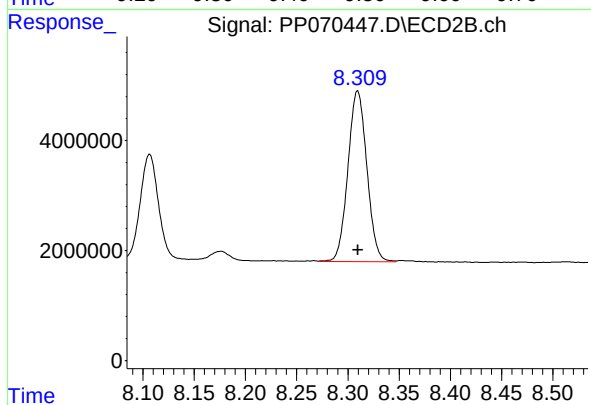
#43 AR-1268-3

R.T.: 8.016 min  
Delta R.T.: 0.000 min  
Response: 90348904  
Conc: 697.33 ng/ml



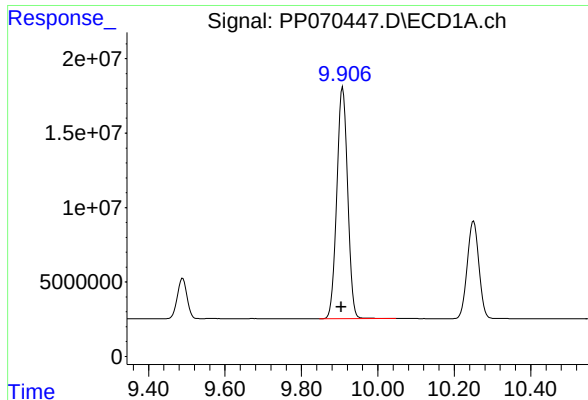
#44 AR-1268-4

R.T.: 9.489 min  
Delta R.T.: 0.003 min  
Response: 47447237  
Conc: 716.97 ng/ml



#44 AR-1268-4

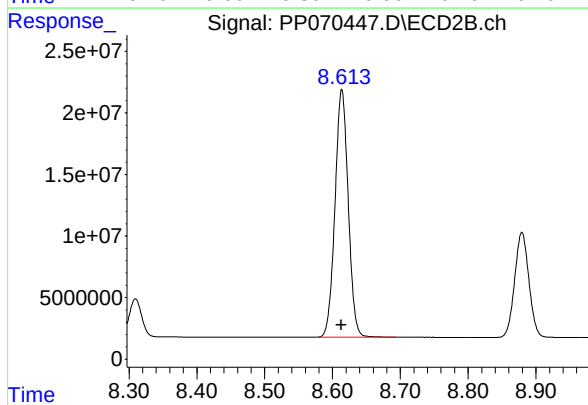
R.T.: 8.309 min  
Delta R.T.: 0.000 min  
Response: 39925484  
Conc: 702.79 ng/ml



#45 AR-1268-5

R.T.: 9.908 min  
Delta R.T.: 0.003 min  
Response: 305735587  
Conc: 722.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC750



#45 AR-1268-5

R.T.: 8.614 min  
Delta R.T.: 0.000 min  
Response: 271677616  
Conc: 718.13 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070448.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 23:05  
 Operator : YP\AJ  
 Sample : AR1268ICC500  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 23:51:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 23:28:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.522  | 3.827 | 82202011 | 55143422 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.248 | 8.879 | 96427272 | 87115877 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.740  | 7.743 | 100.7E6  | 89523621 | 500.000 | 500.000 |
| 42) L9 AR-1268-2            | 8.833  | 7.809 | 86604260 | 74921217 | 500.000 | 500.000 |
| 43) L9 AR-1268-3            | 9.066  | 8.015 | 74917746 | 64782125 | 500.000 | 500.000 |
| 44) L9 AR-1268-4            | 9.487  | 8.310 | 33088538 | 28404907 | 500.000 | 500.000 |
| 45) L9 AR-1268-5            | 9.904  | 8.613 | 211.6E6  | 189.2E6  | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

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

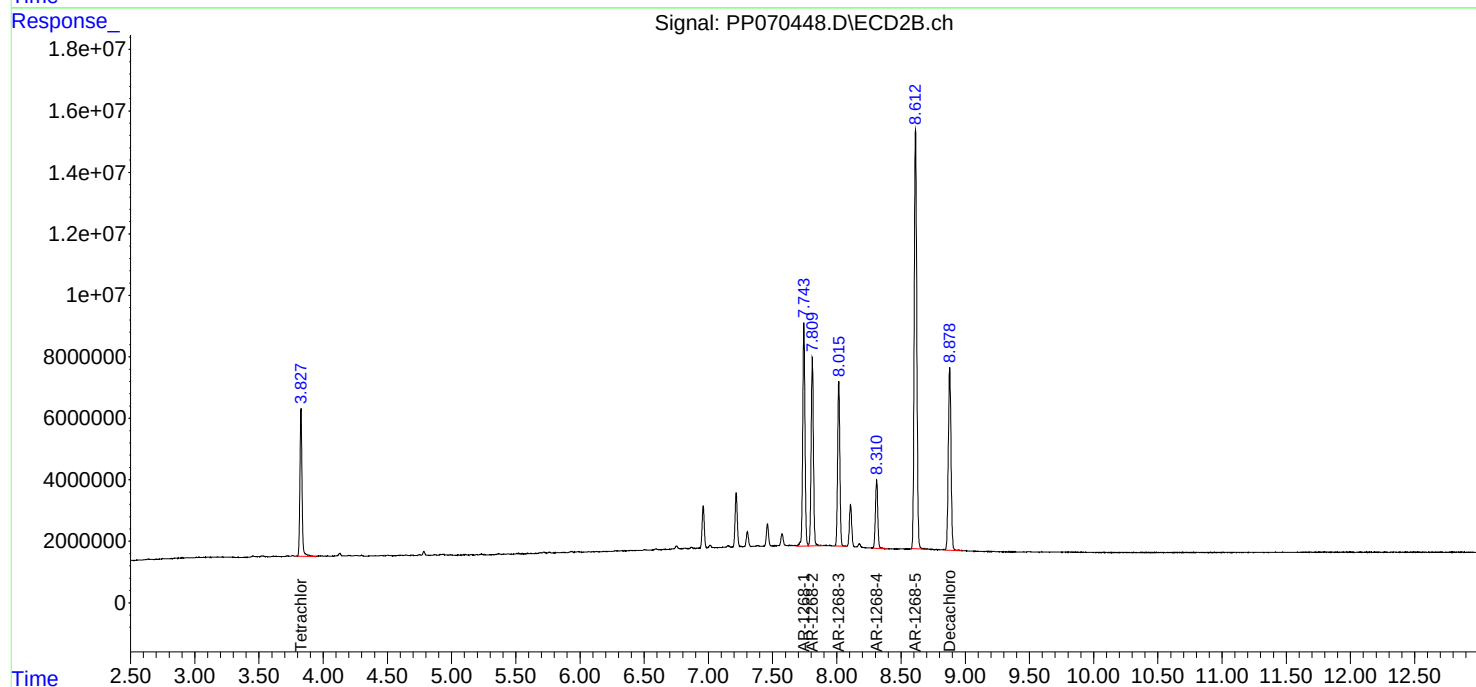
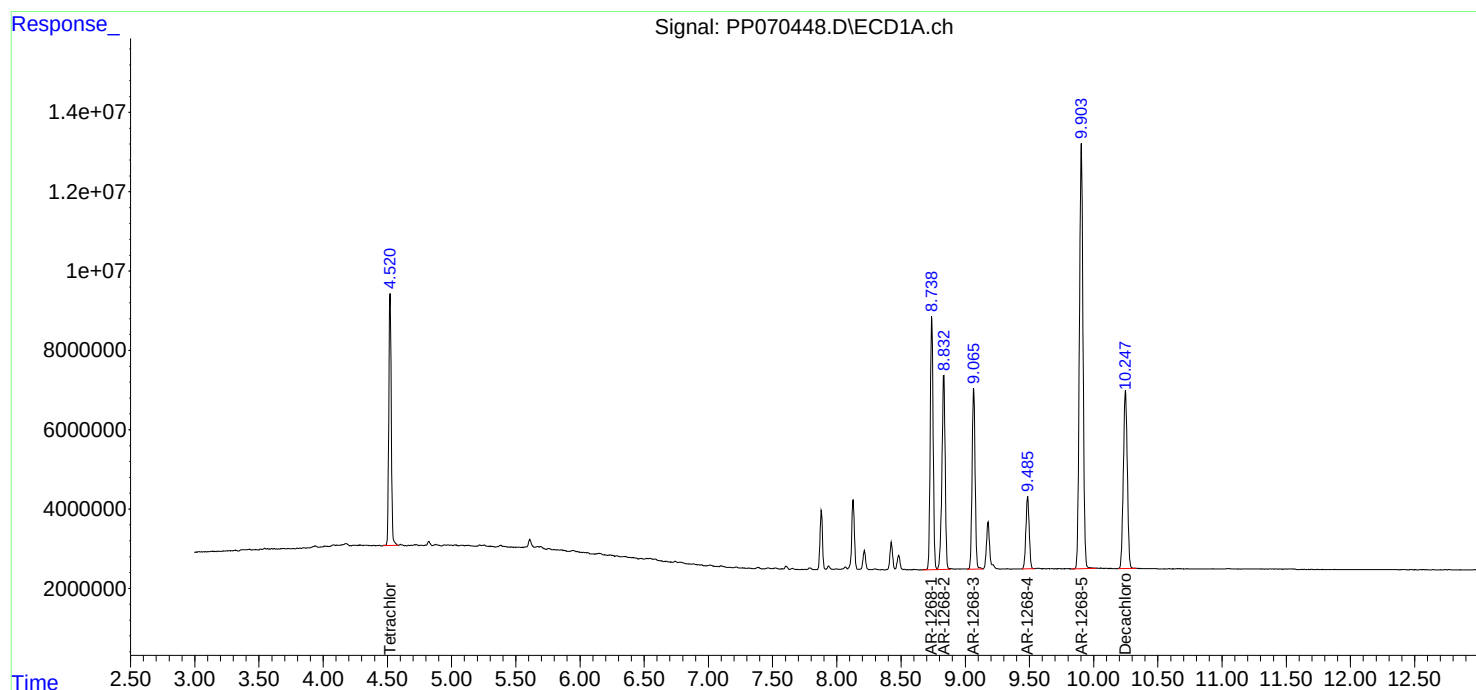


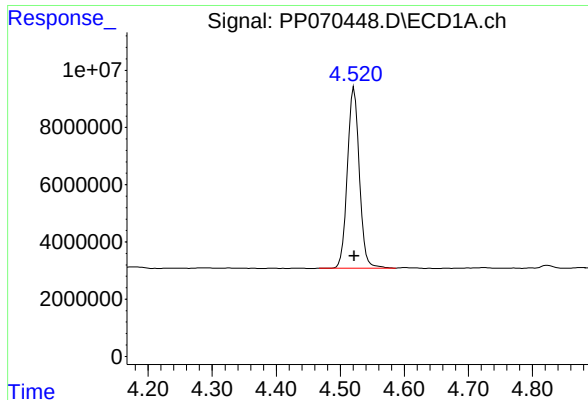
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070448.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 23:05  
Operator : YP\AJ  
Sample : AR1268ICC500  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 23:51:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 23:28:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

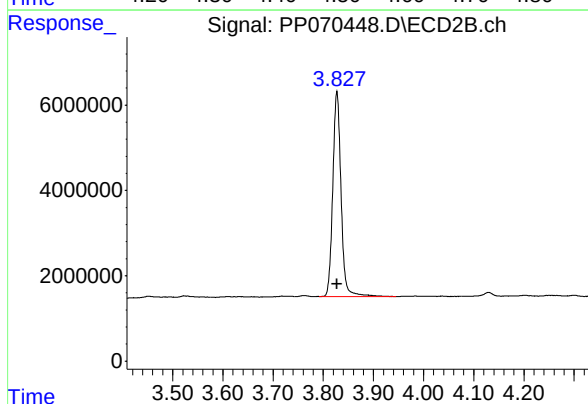




## #1 Tetrachloro-m-xylene

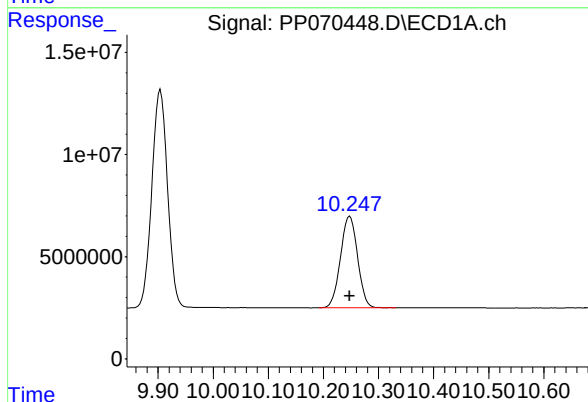
R.T.: 4.522 min  
Delta R.T.: 0.000 min  
Response: 82202011  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC500



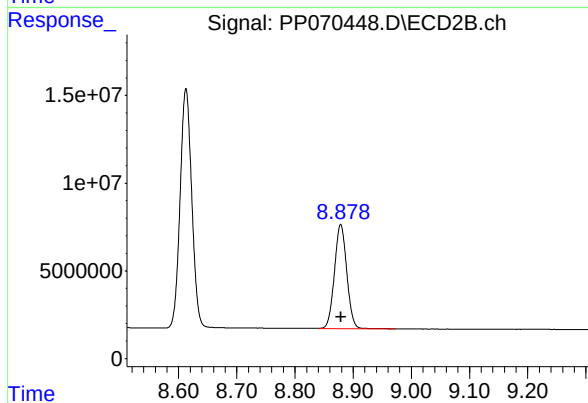
## #1 Tetrachloro-m-xylene

R.T.: 3.827 min  
Delta R.T.: 0.000 min  
Response: 55143422  
Conc: 50.00 ng/ml



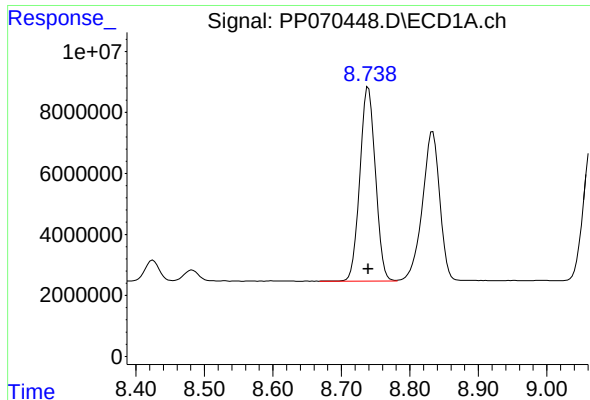
## #2 Decachlorobiphenyl

R.T.: 10.248 min  
Delta R.T.: 0.000 min  
Response: 96427272  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

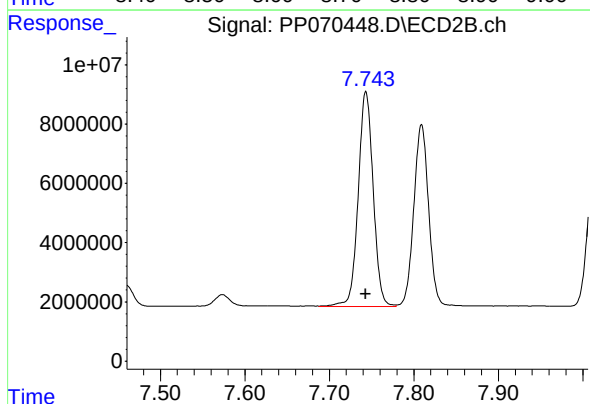
R.T.: 8.879 min  
Delta R.T.: 0.000 min  
Response: 87115877  
Conc: 50.00 ng/ml



#41 AR-1268-1

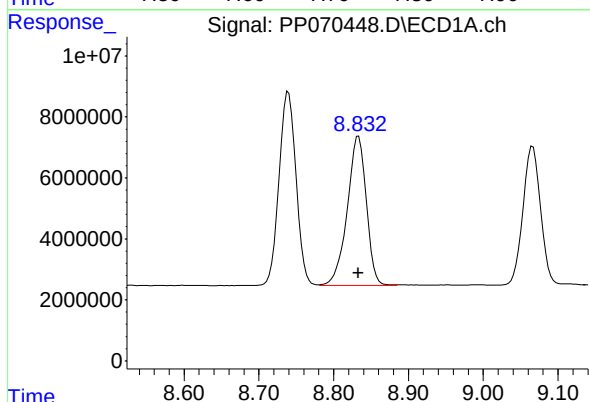
R.T.: 8.740 min  
Delta R.T.: 0.000 min  
Response: 100748213  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC500



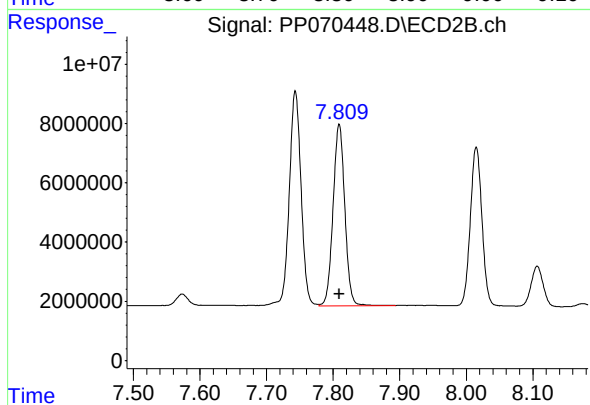
#41 AR-1268-1

R.T.: 7.743 min  
Delta R.T.: 0.000 min  
Response: 89523621  
Conc: 500.00 ng/ml



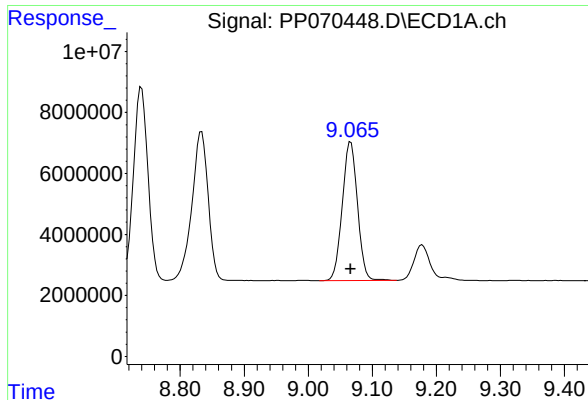
#42 AR-1268-2

R.T.: 8.833 min  
Delta R.T.: 0.000 min  
Response: 86604260  
Conc: 500.00 ng/ml



#42 AR-1268-2

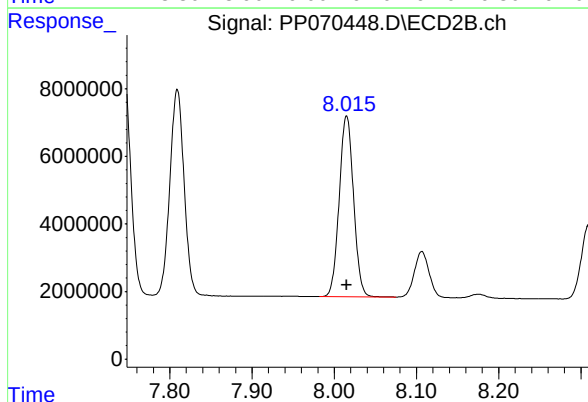
R.T.: 7.809 min  
Delta R.T.: 0.000 min  
Response: 74921217  
Conc: 500.00 ng/ml



#43 AR-1268-3

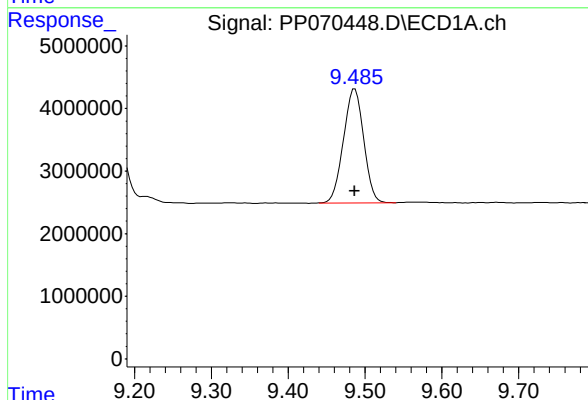
R.T.: 9.066 min  
Delta R.T.: 0.000 min  
Response: 74917746  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC500



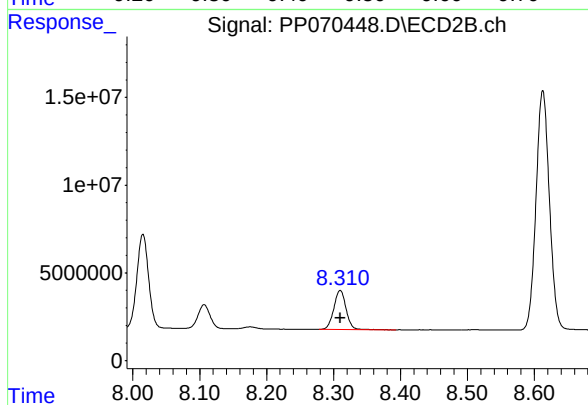
#43 AR-1268-3

R.T.: 8.015 min  
Delta R.T.: 0.000 min  
Response: 64782125  
Conc: 500.00 ng/ml



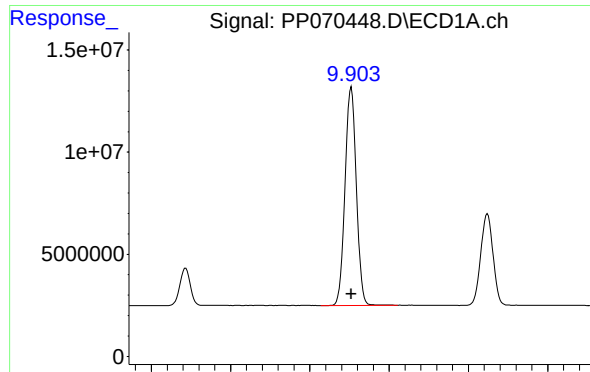
#44 AR-1268-4

R.T.: 9.487 min  
Delta R.T.: 0.000 min  
Response: 33088538  
Conc: 500.00 ng/ml



#44 AR-1268-4

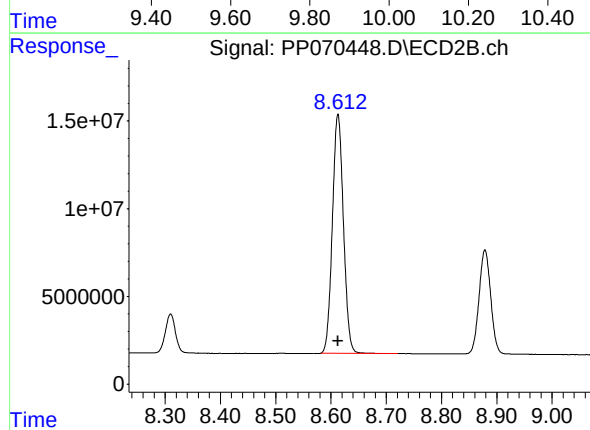
R.T.: 8.310 min  
Delta R.T.: 0.000 min  
Response: 28404907  
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 9.904 min  
Delta R.T.: 0.000 min  
Response: 211615812  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC500



#45 AR-1268-5

R.T.: 8.613 min  
Delta R.T.: 0.000 min  
Response: 189156722  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070449.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 23:22  
 Operator : YP\AJ  
 Sample : AR1268ICC250  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 23:51:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 23:28:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.523  | 3.826 | 42716878 | 29621715 | 25.983  | 26.859  |
| 2) SA Decachlor...          | 10.248 | 8.877 | 50455822 | 45920300 | 26.163  | 26.356  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.741  | 7.742 | 52769831 | 46752818 | 261.890 | 261.120 |
| 42) L9 AR-1268-2            | 8.834  | 7.808 | 45106498 | 38372677 | 260.417 | 256.087 |
| 43) L9 AR-1268-3            | 9.067  | 8.014 | 38921973 | 33274907 | 259.765 | 256.822 |
| 44) L9 AR-1268-4            | 9.486  | 8.308 | 16901246 | 14619988 | 255.394 | 257.350 |
| 45) L9 AR-1268-5            | 9.905  | 8.612 | 110.8E6  | 95223241 | 261.876 | 251.705 |
| -----                       |        |       |          |          |         |         |

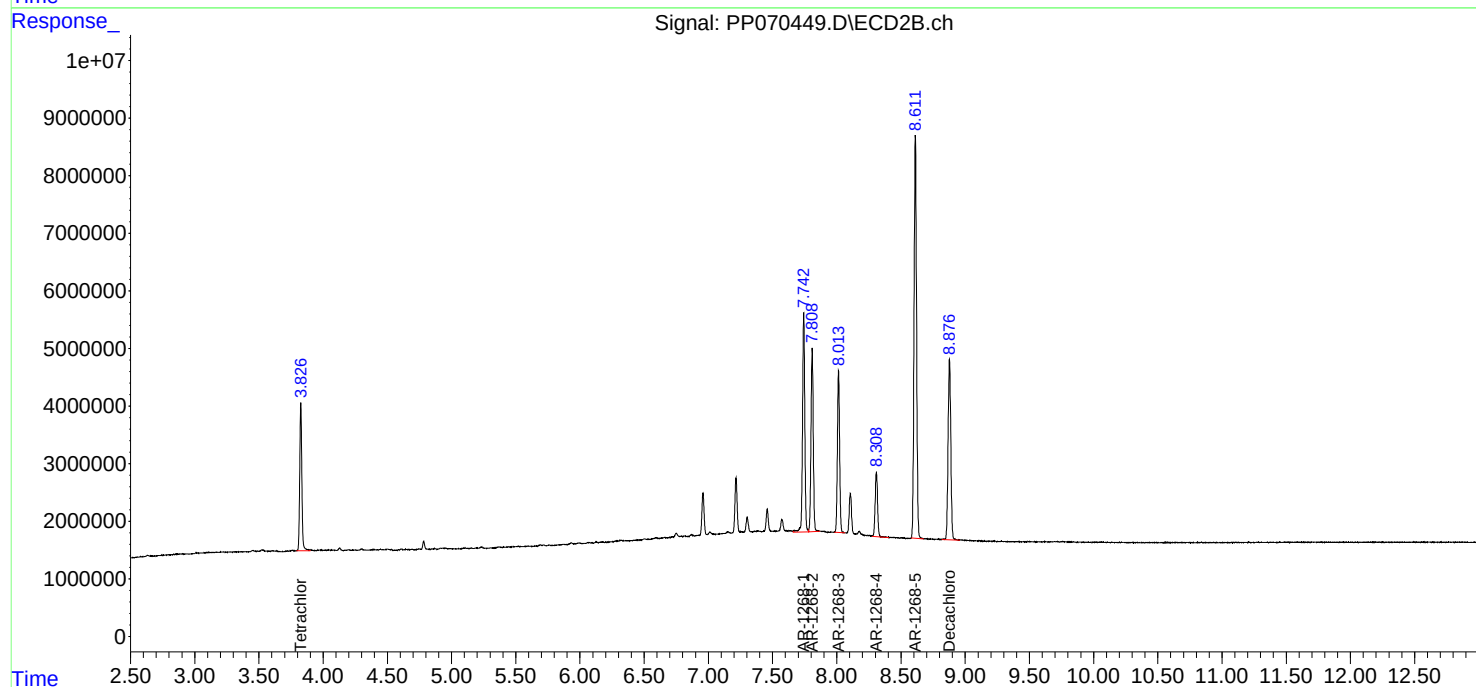
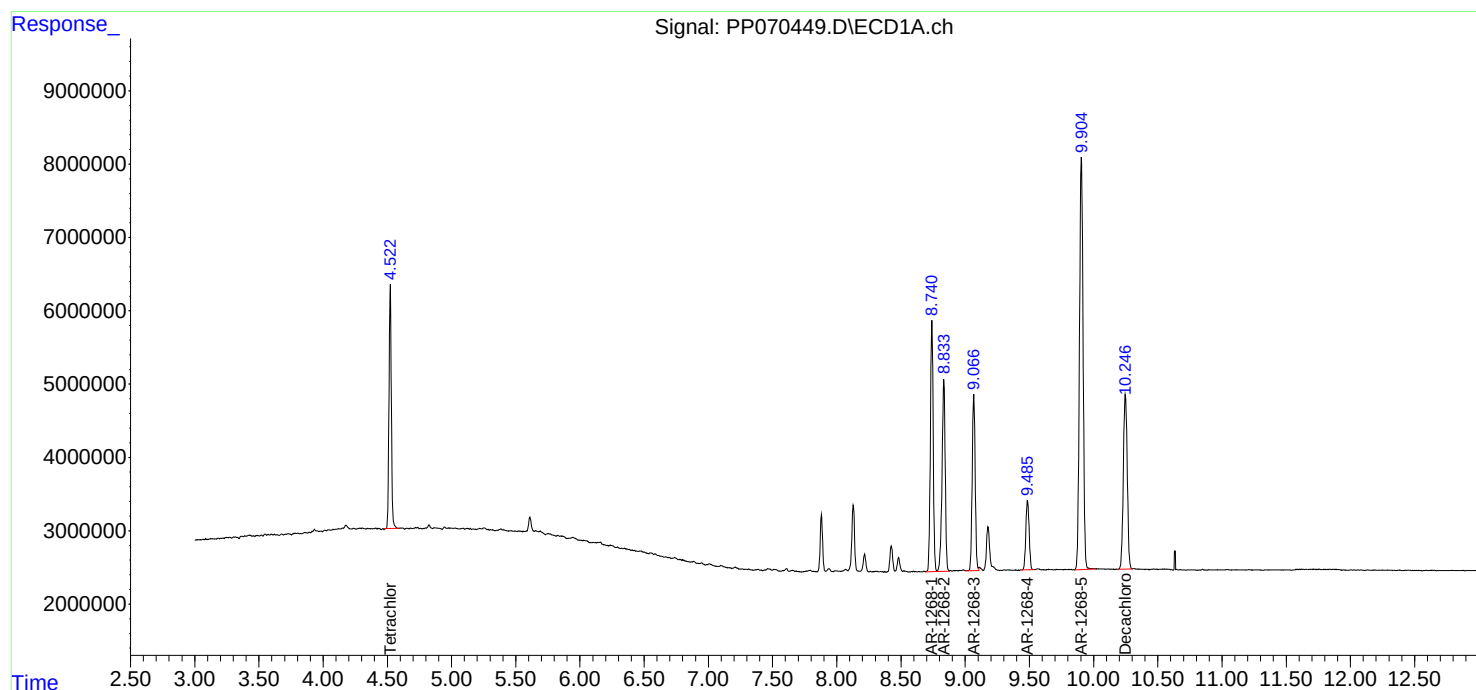
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

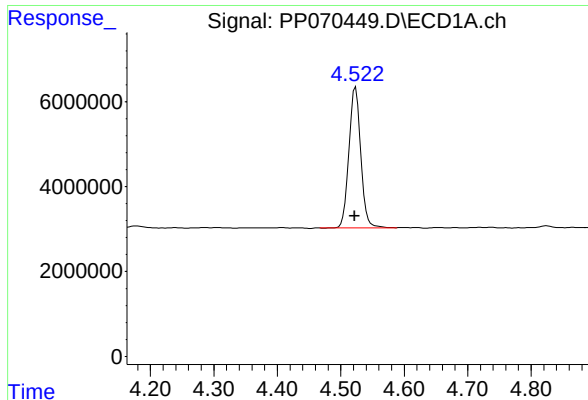
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070449.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 23:22  
Operator : YP\AJ  
Sample : AR1268ICC250  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 23:51:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 23:28:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

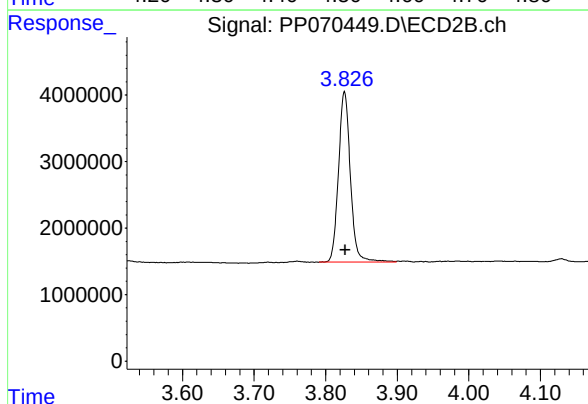




## #1 Tetrachloro-m-xylene

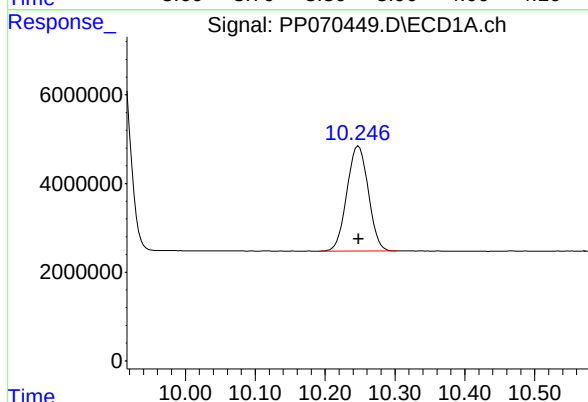
R.T.: 4.523 min  
Delta R.T.: 0.001 min  
Response: 42716878  
Conc: 25.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC250



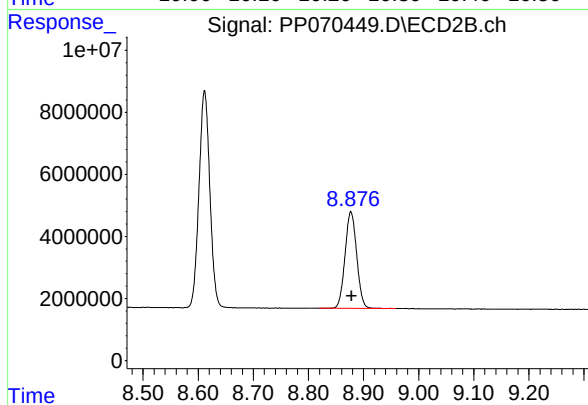
## #1 Tetrachloro-m-xylene

R.T.: 3.826 min  
Delta R.T.: -0.001 min  
Response: 29621715  
Conc: 26.86 ng/ml



## #2 Decachlorobiphenyl

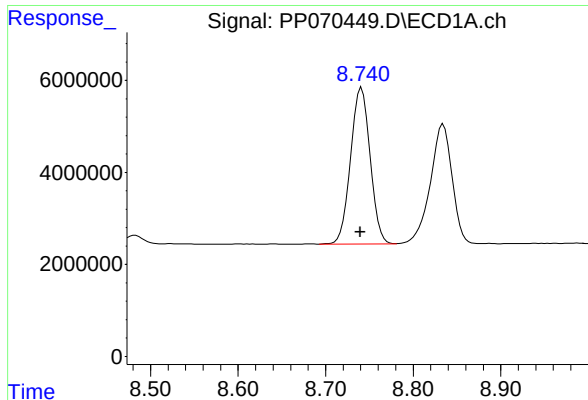
R.T.: 10.248 min  
Delta R.T.: 0.000 min  
Response: 50455822  
Conc: 26.16 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.877 min  
Delta R.T.: -0.002 min  
Response: 45920300  
Conc: 26.36 ng/ml

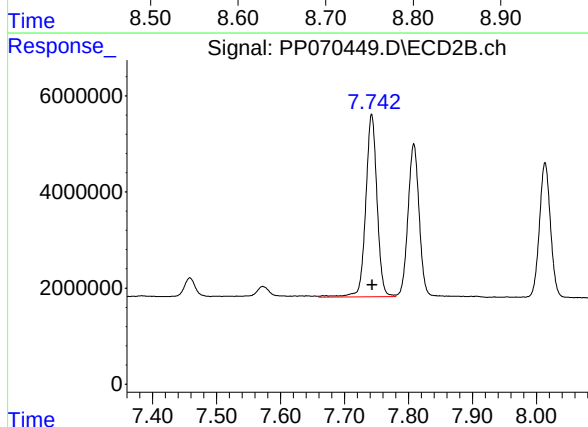




#41 AR-1268-1

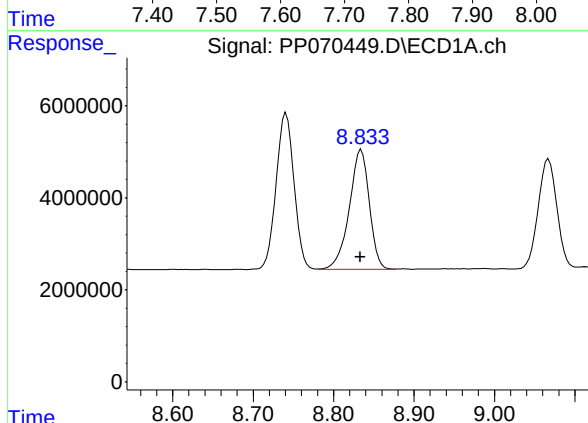
R.T.: 8.741 min  
Delta R.T.: 0.002 min  
Response: 52769831  
Conc: 261.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC250



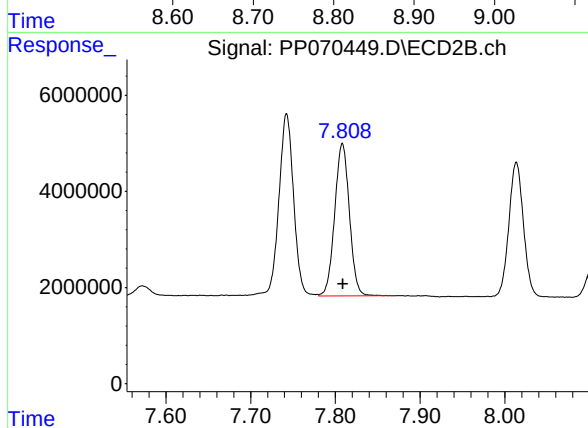
#41 AR-1268-1

R.T.: 7.742 min  
Delta R.T.: 0.000 min  
Response: 46752818  
Conc: 261.12 ng/ml



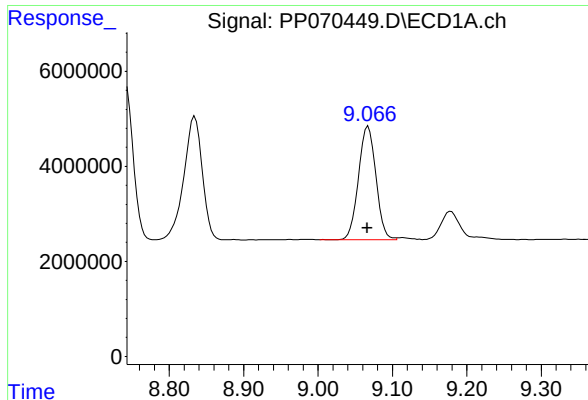
#42 AR-1268-2

R.T.: 8.834 min  
Delta R.T.: 0.001 min  
Response: 45106498  
Conc: 260.42 ng/ml



#42 AR-1268-2

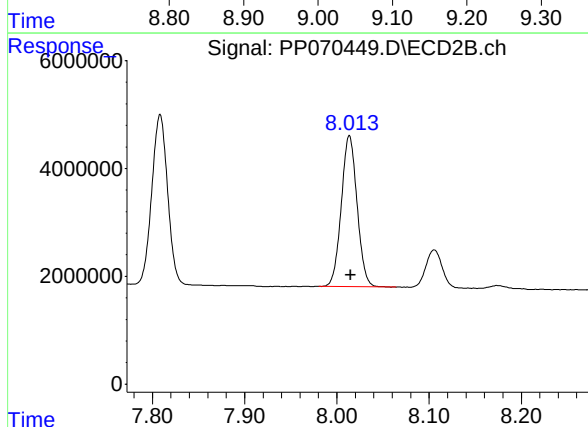
R.T.: 7.808 min  
Delta R.T.: 0.000 min  
Response: 38372677  
Conc: 256.09 ng/ml



#43 AR-1268-3

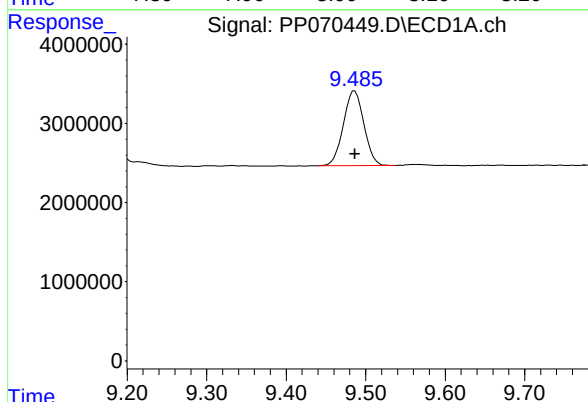
R.T.: 9.067 min  
Delta R.T.: 0.001 min  
Response: 38921973  
Conc: 259.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC250



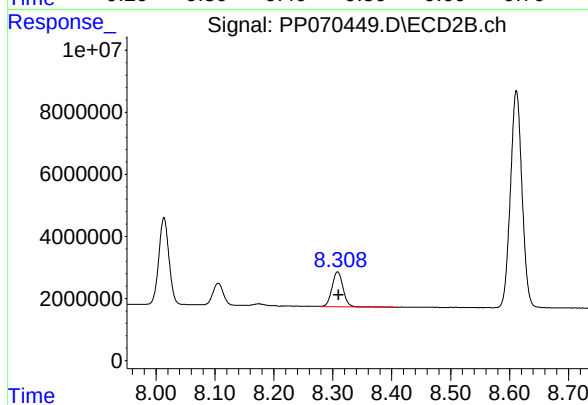
#43 AR-1268-3

R.T.: 8.014 min  
Delta R.T.: -0.002 min  
Response: 33274907  
Conc: 256.82 ng/ml



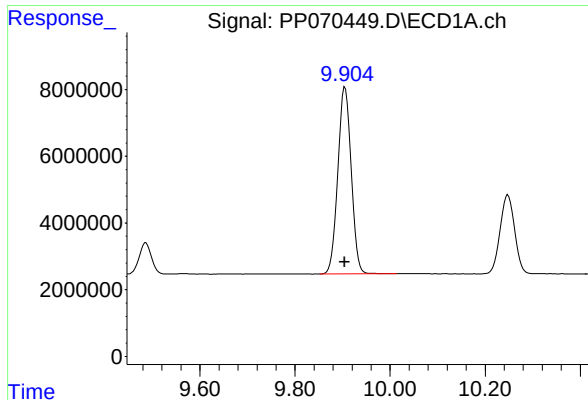
#44 AR-1268-4

R.T.: 9.486 min  
Delta R.T.: 0.000 min  
Response: 16901246  
Conc: 255.39 ng/ml



#44 AR-1268-4

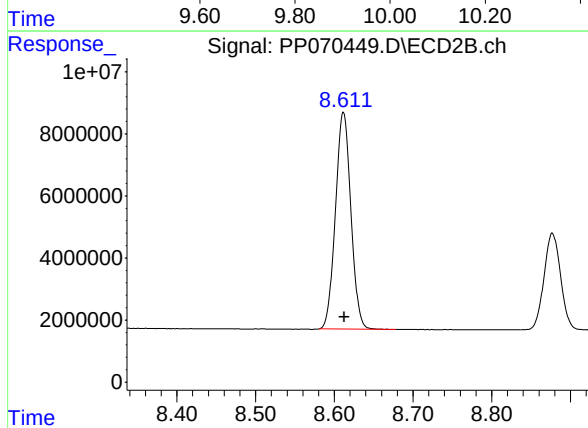
R.T.: 8.308 min  
Delta R.T.: -0.002 min  
Response: 14619988  
Conc: 257.35 ng/ml



#45 AR-1268-5

R.T.: 9.905 min  
Delta R.T.: 0.000 min  
Response: 110834314  
Conc: 261.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC250



#45 AR-1268-5

R.T.: 8.612 min  
Delta R.T.: -0.001 min  
Response: 95223241  
Conc: 251.70 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070450.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 23:38  
 Operator : YP\AJ  
 Sample : AR1268ICC050  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 23:57:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 23:28:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|--------|-------|----------|----------|--------|---------|
| -----                       |        |       |          |          |        |         |
| System Monitoring Compounds |        |       |          |          |        |         |
| 1) SA Tetrachlo...          | 4.528  | 3.828 | 8554411  | 5571543  | 5.289  | 5.133   |
| 2) SA Decachlor...          | 10.252 | 8.879 | 9326315  | 9031570  | 4.918  | 5.259   |
| Target Compounds            |        |       |          |          |        |         |
| 41) L9 AR-1268-1            | 8.745  | 7.743 | 9919952  | 8743585  | 50.063 | 49.928m |
| 42) L9 AR-1268-2            | 8.839  | 7.808 | 8340607  | 7243137  | 48.935 | 49.489m |
| 43) L9 AR-1268-3            | 9.072  | 8.014 | 7178199  | 6658040  | 48.822 | 52.376m |
| 44) L9 AR-1268-4            | 9.491  | 8.309 | 2987981  | 2604541  | 46.032 | 46.758  |
| 45) L9 AR-1268-5            | 9.910  | 8.613 | 21070074 | 17728904 | 50.305 | 47.735  |
| -----                       |        |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070450.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 23:38  
Operator : YP\AJ  
Sample : AR1268ICC050  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

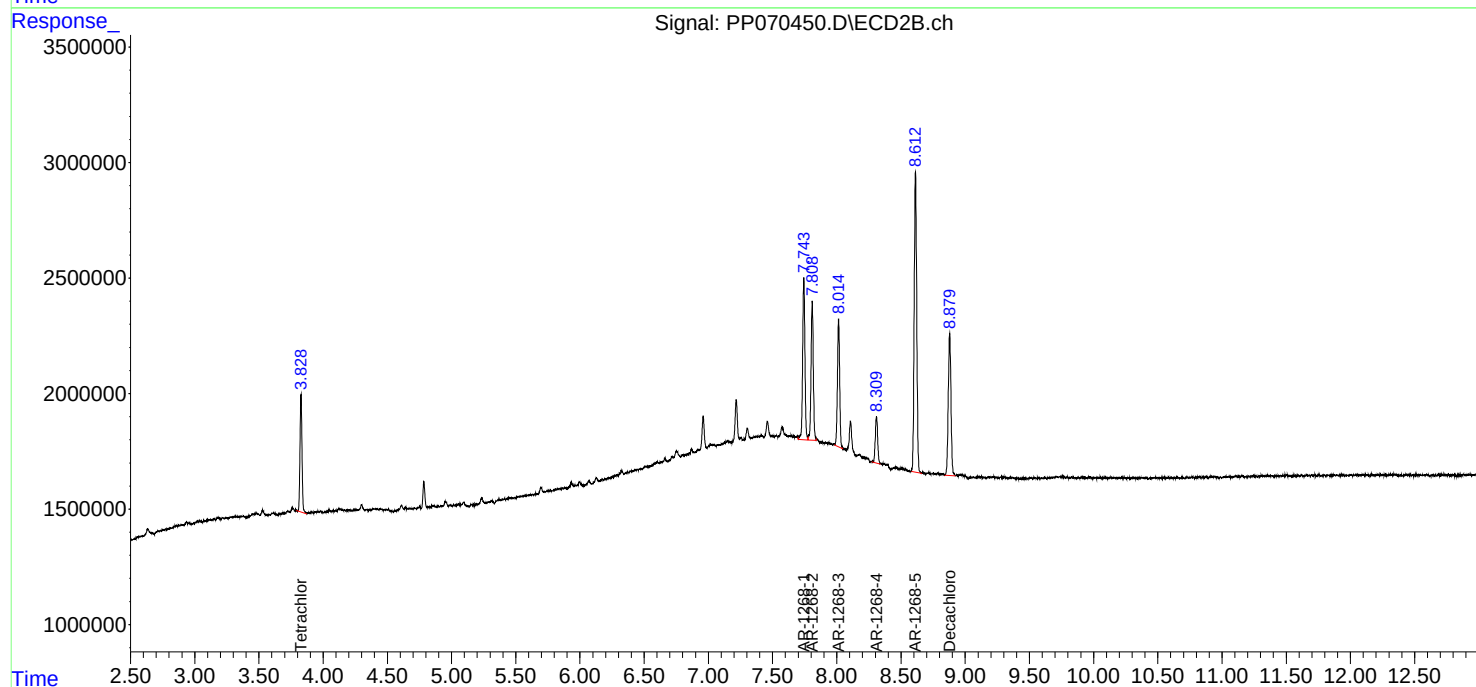
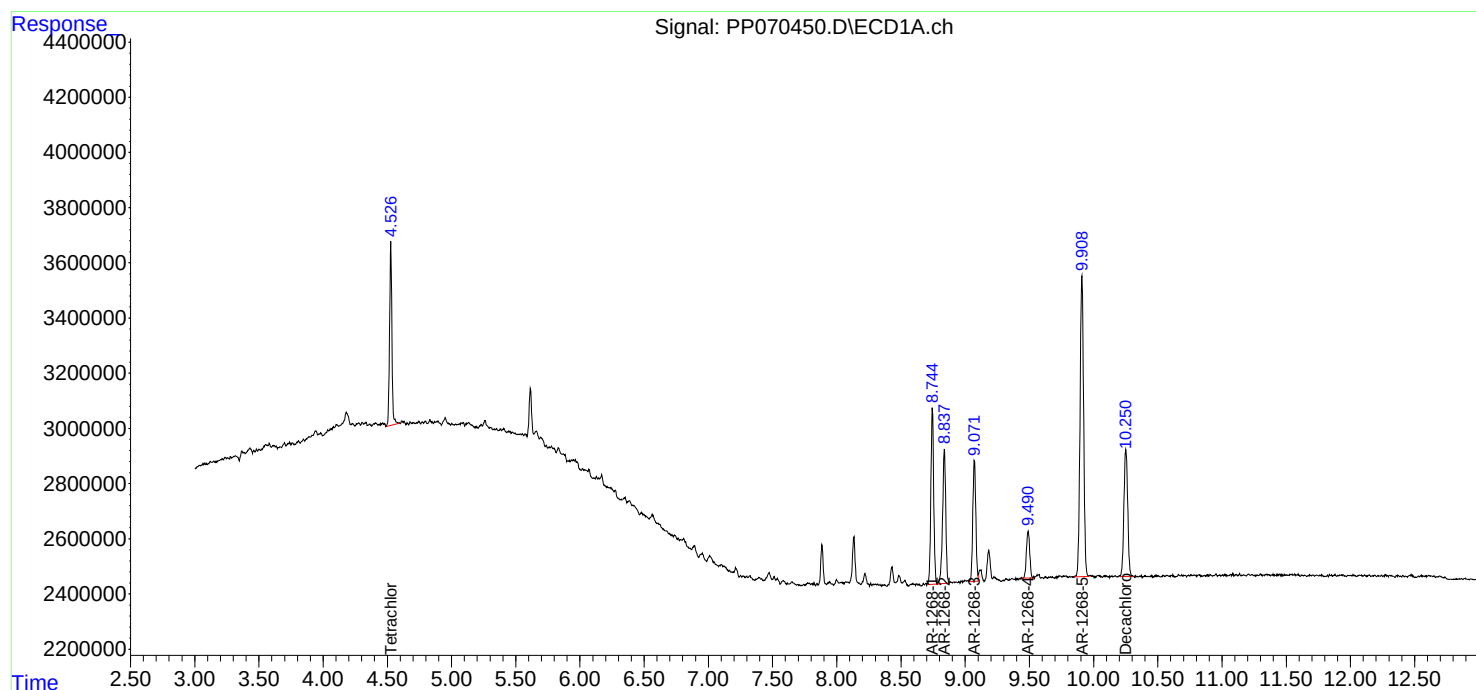
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050

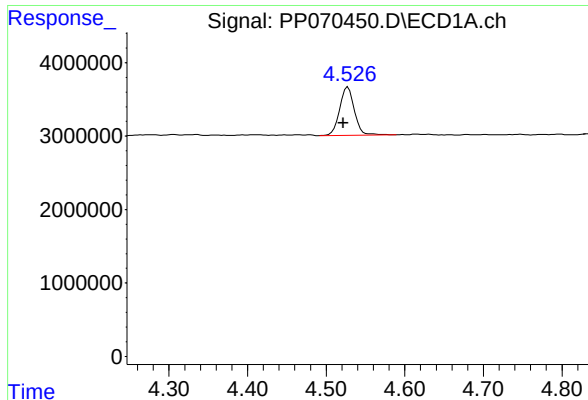
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 23:57:09 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 23:28:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





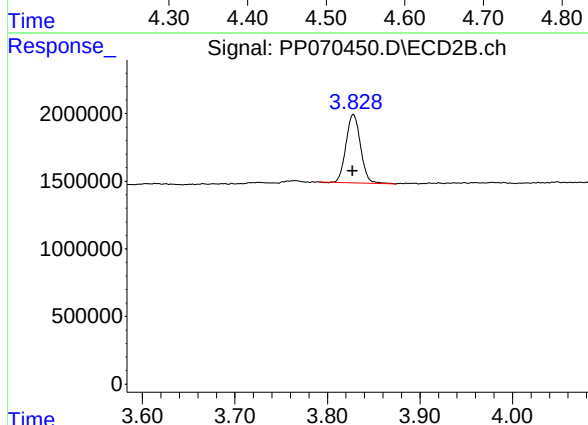
## #1 Tetrachloro-m-xylene

R.T.: 4.528 min  
Delta R.T.: 0.006 min  
Response: 8554411  
Conc: 5.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050

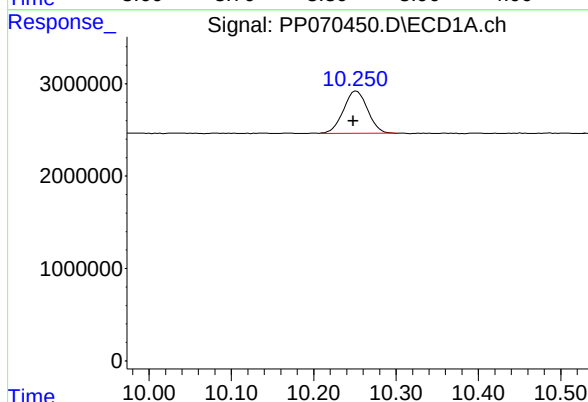
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



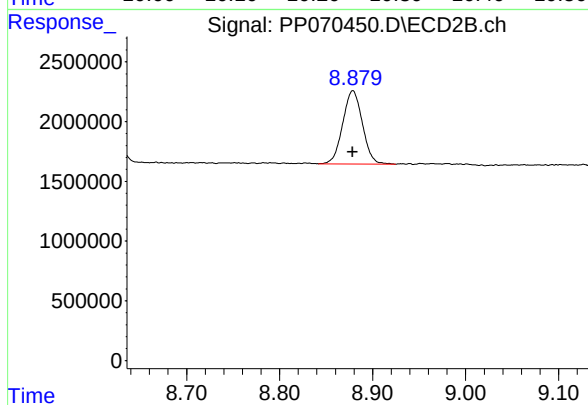
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 5571543  
Conc: 5.13 ng/ml



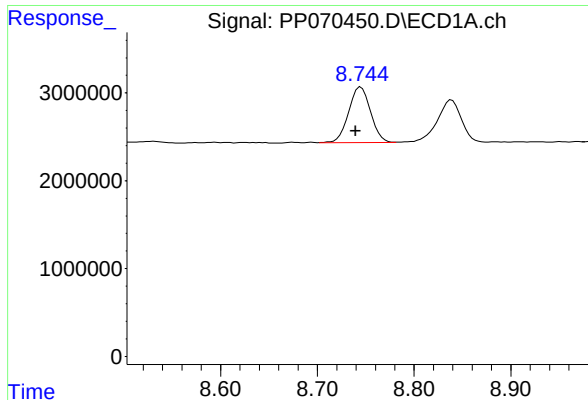
## #2 Decachlorobiphenyl

R.T.: 10.252 min  
Delta R.T.: 0.004 min  
Response: 9326315  
Conc: 4.92 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.879 min  
Delta R.T.: 0.000 min  
Response: 9031570  
Conc: 5.26 ng/ml



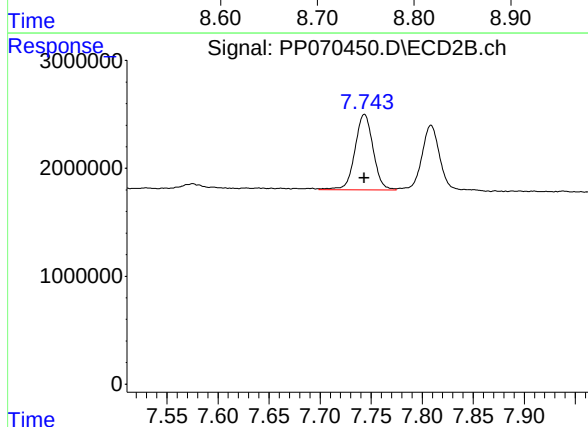
#41 AR-1268-1

R.T.: 8.745 min  
Delta R.T.: 0.005 min  
Response: 9919952  
Conc: 50.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



#41 AR-1268-1

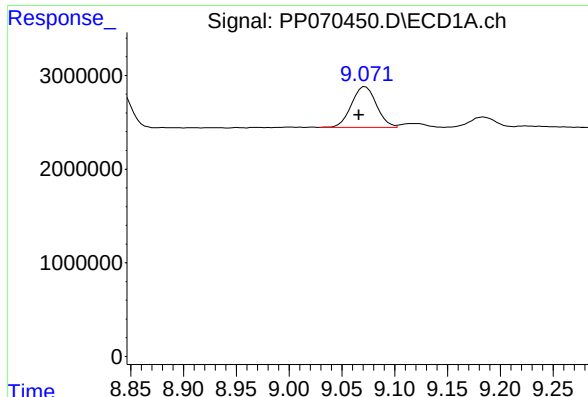
R.T.: 7.743 min  
Delta R.T.: 0.000 min  
Response: 8743585  
Conc: 49.93 ng/ml m

#42 AR-1268-2

R.T.: 8.839 min  
Delta R.T.: 0.005 min  
Response: 8340607  
Conc: 48.93 ng/ml

#42 AR-1268-2

R.T.: 7.808 min  
Delta R.T.: 0.000 min  
Response: 7243137  
Conc: 49.49 ng/ml m



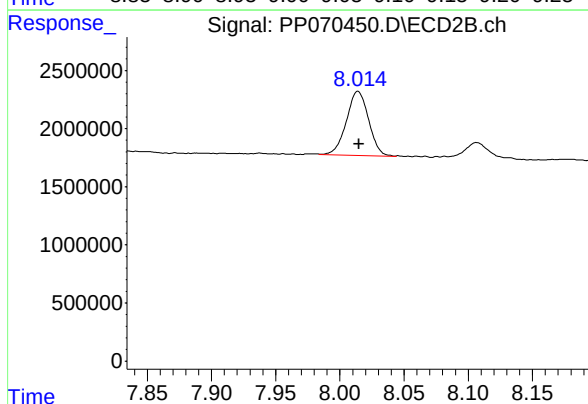
#43 AR-1268-3

R.T.: 9.072 min  
Delta R.T.: 0.006 min  
Response: 7178199  
Conc: 48.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050

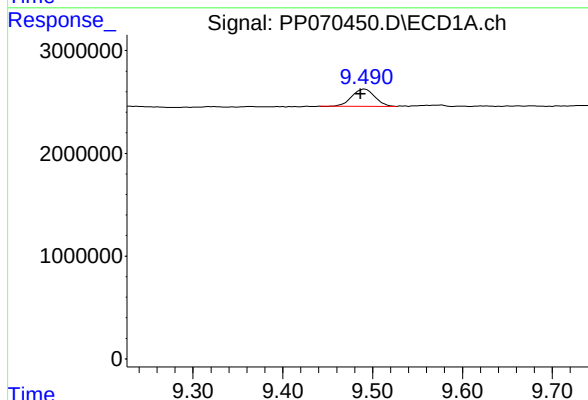
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



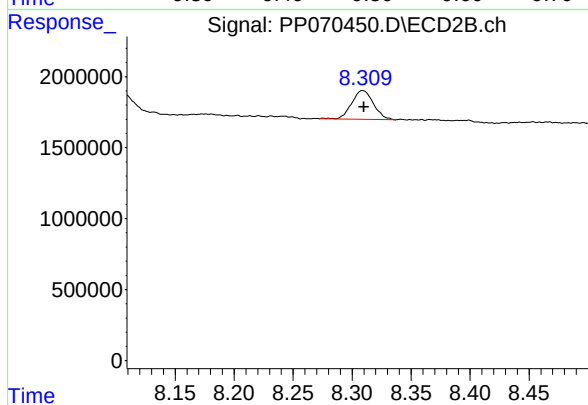
#43 AR-1268-3

R.T.: 8.014 min  
Delta R.T.: -0.001 min  
Response: 6658040  
Conc: 52.38 ng/ml



#44 AR-1268-4

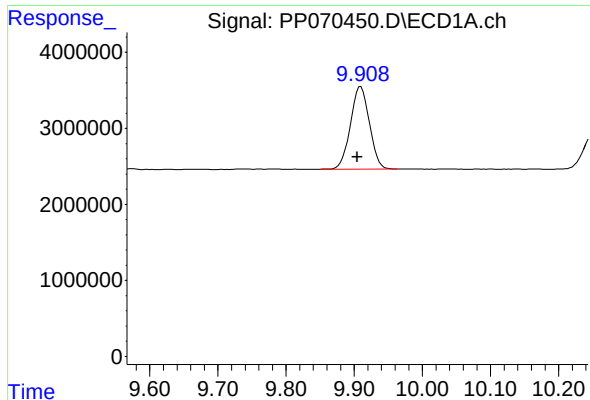
R.T.: 9.491 min  
Delta R.T.: 0.005 min  
Response: 2987981  
Conc: 46.03 ng/ml



#44 AR-1268-4

R.T.: 8.309 min  
Delta R.T.: 0.000 min  
Response: 2604541  
Conc: 46.76 ng/ml





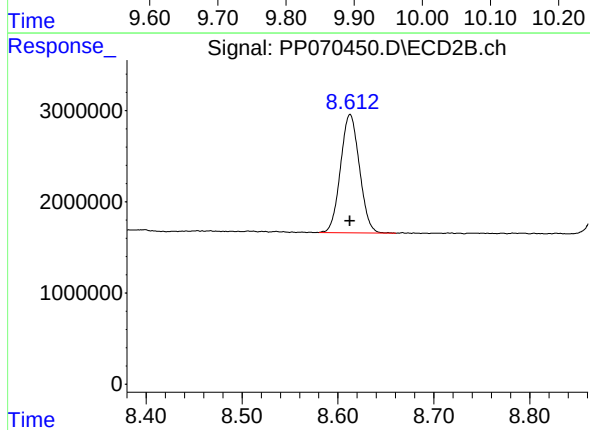
#45 AR-1268-5

R.T.: 9.910 min  
Delta R.T.: 0.005 min  
Response: 21070074  
Conc: 50.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



#45 AR-1268-5

R.T.: 8.613 min  
Delta R.T.: 0.000 min  
Response: 17728904  
Conc: 47.74 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070451.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 23:54  
 Operator : YP\AJ  
 Sample : PP031125ICV500  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP031125

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 01:13:46 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 00:06:24 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.523  | 3.827 | 81467484 | 52091643 | 52.378  | 51.973  |
| 2) SA Decachlor...          | 10.249 | 8.877 | 57030864 | 51101188 | 53.684  | 52.231  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.675  | 4.914 | 26763573 | 18466483 | 516.161 | 513.635 |
| 4) L1 AR-1016-2             | 5.697  | 4.933 | 39150950 | 25663697 | 547.223 | 493.849 |
| 5) L1 AR-1016-3             | 5.760  | 5.111 | 24376753 | 14439904 | 535.307 | 507.493 |
| 6) L1 AR-1016-4             | 5.857  | 5.152 | 20068166 | 11515792 | 514.070 | 514.330 |
| 7) L1 AR-1016-5             | 6.150  | 5.367 | 18221356 | 14760415 | 526.294 | 496.668 |
| 31) L7 AR-1260-1            | 7.269  | 6.404 | 31459138 | 25772586 | 535.582 | 517.684 |
| 32) L7 AR-1260-2            | 7.523  | 6.592 | 43093099 | 34068219 | 525.250 | 515.502 |
| 33) L7 AR-1260-3            | 7.882  | 6.746 | 35379890 | 29455426 | 538.034 | 514.979 |
| 34) L7 AR-1260-4            | 8.106  | 7.218 | 34778399 | 26486148 | 532.246 | 517.676 |
| 35) L7 AR-1260-5            | 8.427  | 7.460 | 73694362 | 66685007 | 539.184 | 517.800 |
| -----                       |        |       |          |          |         |         |

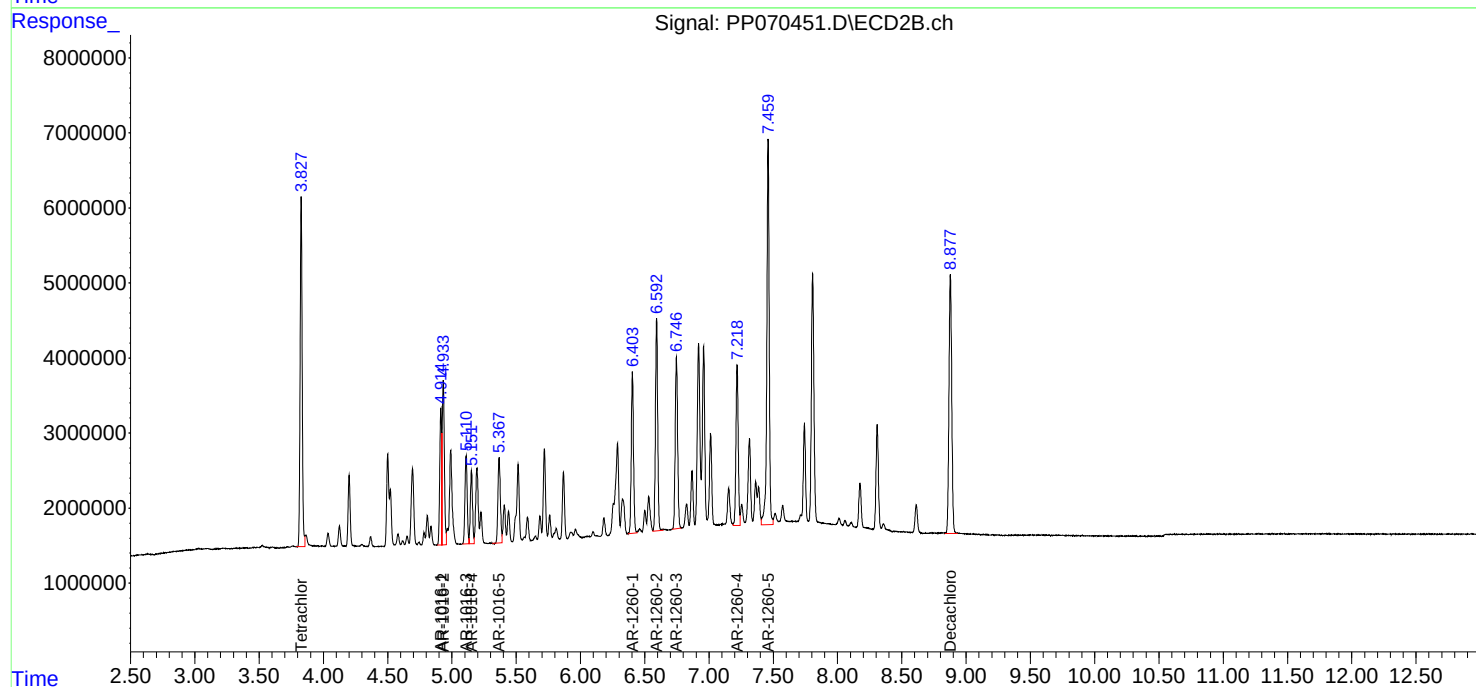
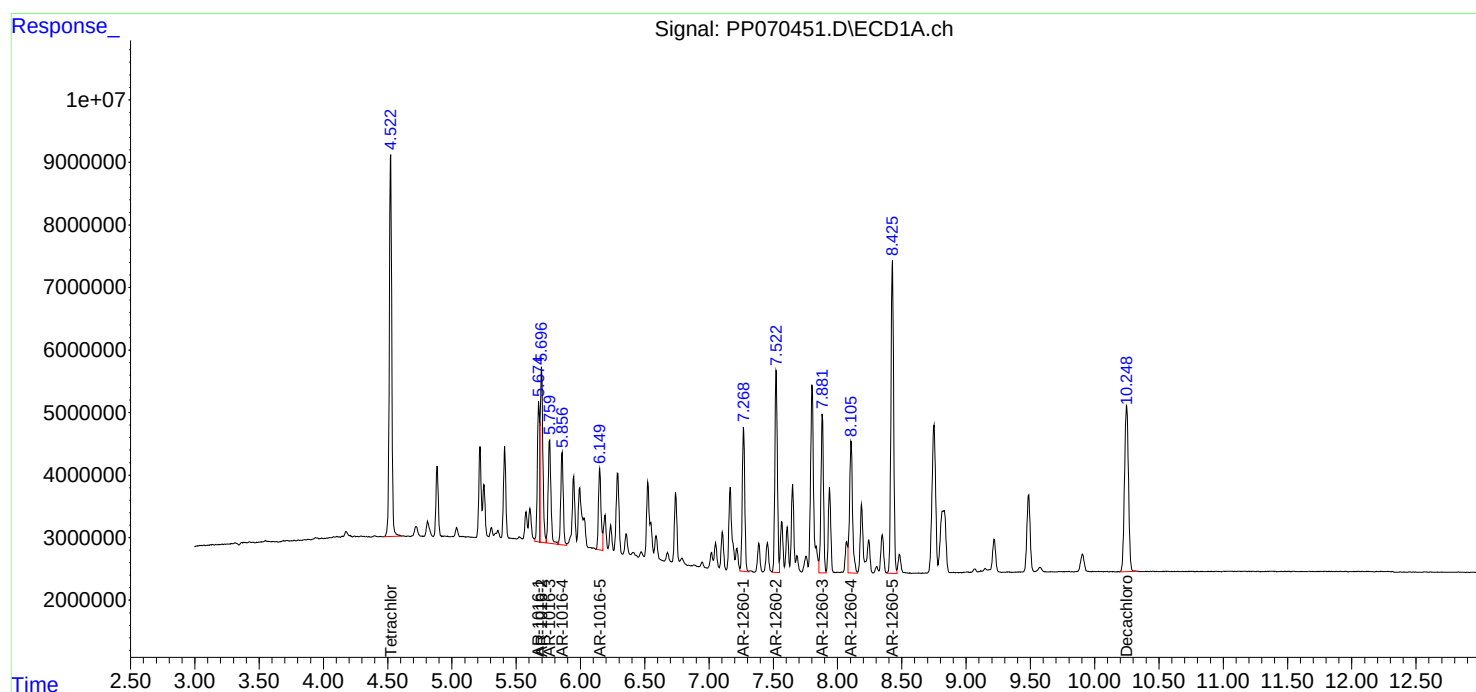
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

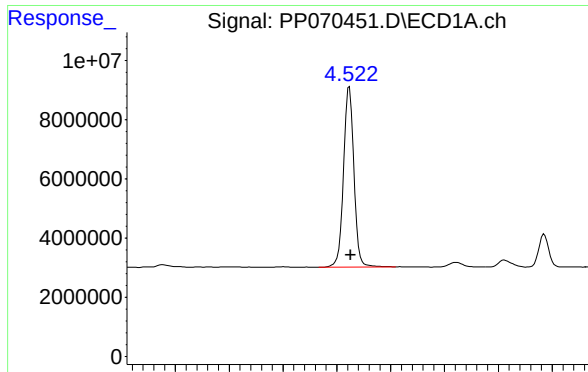
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070451.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 23:54  
Operator : YP\AJ  
Sample : PP031125ICV500  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 01:13:46 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 00:06:24 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

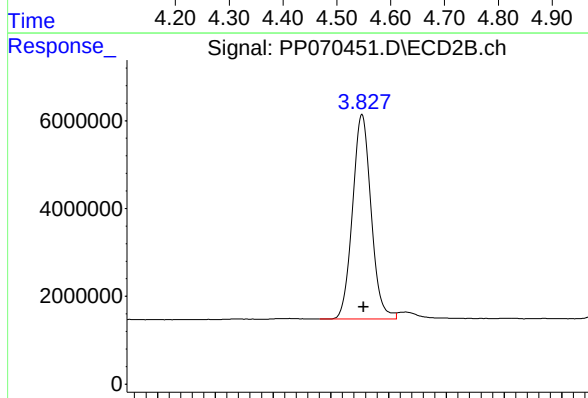




## #1 Tetrachloro-m-xylene

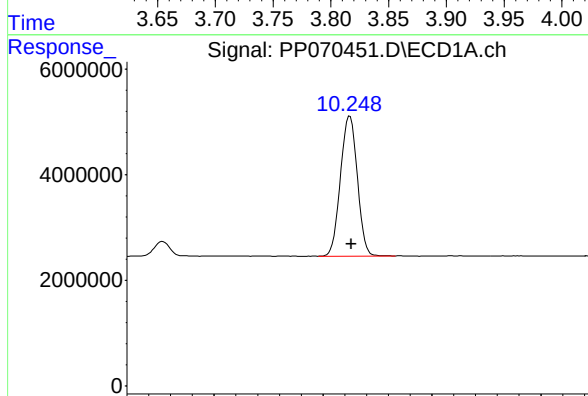
R.T.: 4.523 min  
Delta R.T.: -0.003 min  
Response: 81467484  
Conc: 52.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125



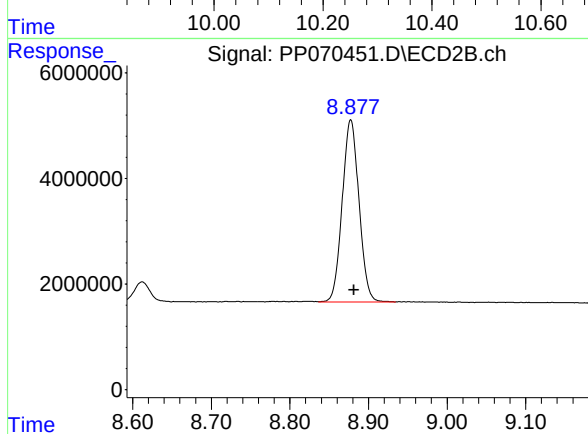
## #1 Tetrachloro-m-xylene

R.T.: 3.827 min  
Delta R.T.: -0.001 min  
Response: 52091643  
Conc: 51.97 ng/ml



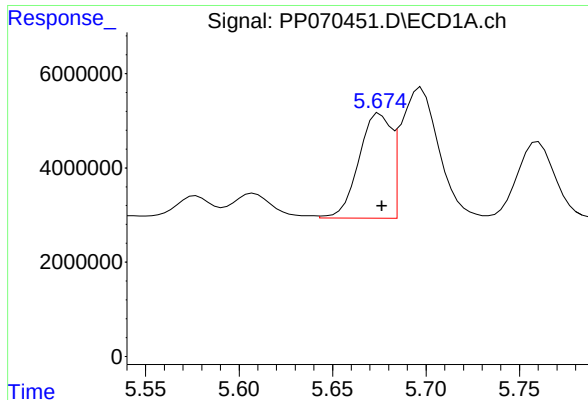
## #2 Decachlorobiphenyl

R.T.: 10.249 min  
Delta R.T.: -0.003 min  
Response: 57030864  
Conc: 53.68 ng/ml



## #2 Decachlorobiphenyl

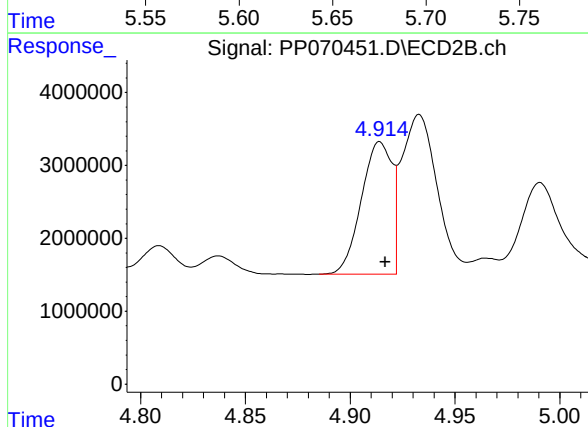
R.T.: 8.877 min  
Delta R.T.: -0.004 min  
Response: 51101188  
Conc: 52.23 ng/ml



#3 AR-1016-1

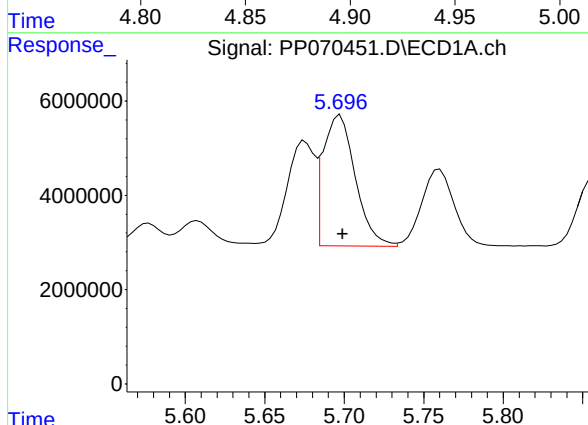
R.T.: 5.675 min  
Delta R.T.: -0.001 min  
Response: 26763573  
Conc: 516.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125



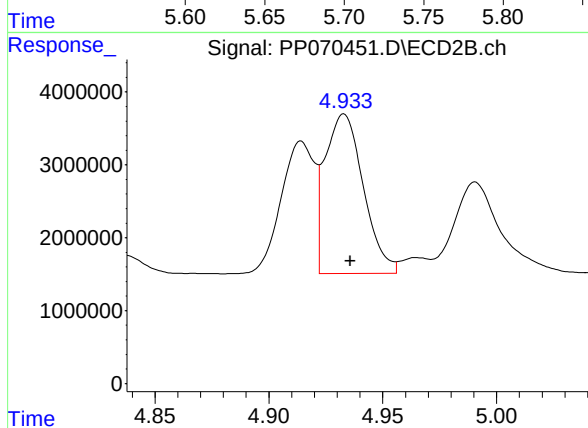
#3 AR-1016-1

R.T.: 4.914 min  
Delta R.T.: -0.003 min  
Response: 18466483  
Conc: 513.64 ng/ml



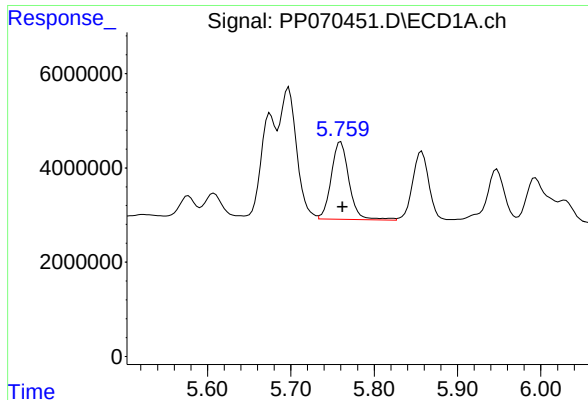
#4 AR-1016-2

R.T.: 5.697 min  
Delta R.T.: -0.002 min  
Response: 39150950  
Conc: 547.22 ng/ml



#4 AR-1016-2

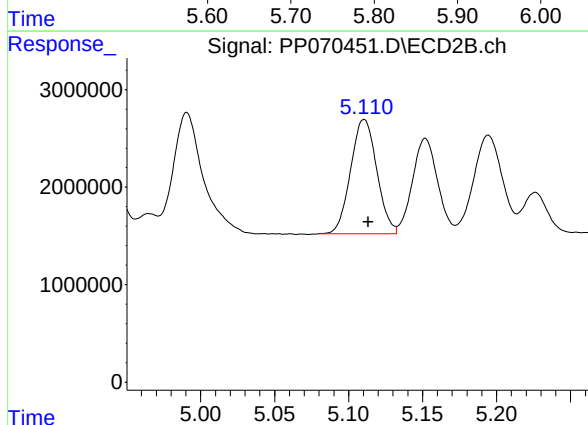
R.T.: 4.933 min  
Delta R.T.: -0.003 min  
Response: 25663697  
Conc: 493.85 ng/ml



#5 AR-1016-3

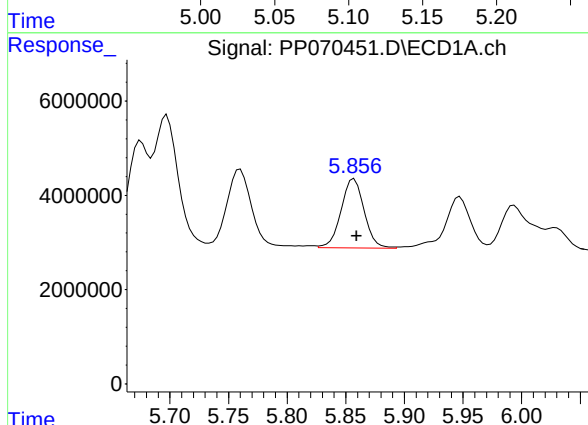
R.T.: 5.760 min  
Delta R.T.: -0.002 min  
Response: 24376753  
Conc: 535.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125



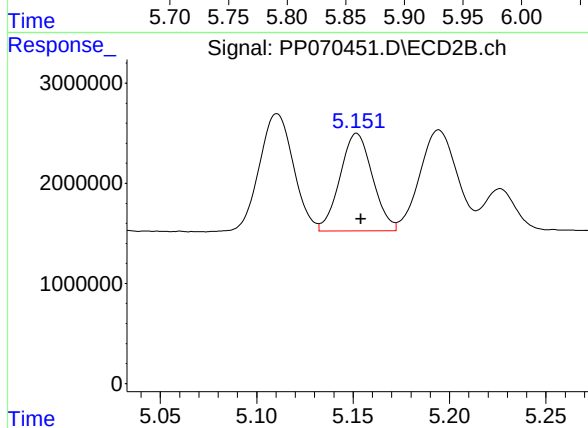
#5 AR-1016-3

R.T.: 5.111 min  
Delta R.T.: -0.003 min  
Response: 14439904  
Conc: 507.49 ng/ml



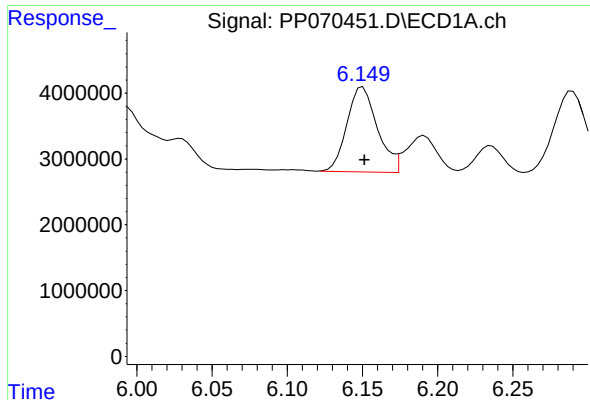
#6 AR-1016-4

R.T.: 5.857 min  
Delta R.T.: -0.002 min  
Response: 20068166  
Conc: 514.07 ng/ml



#6 AR-1016-4

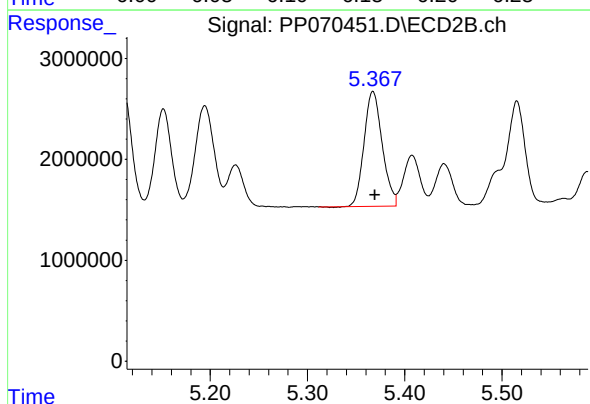
R.T.: 5.152 min  
Delta R.T.: -0.002 min  
Response: 11515792  
Conc: 514.33 ng/ml



#7 AR-1016-5

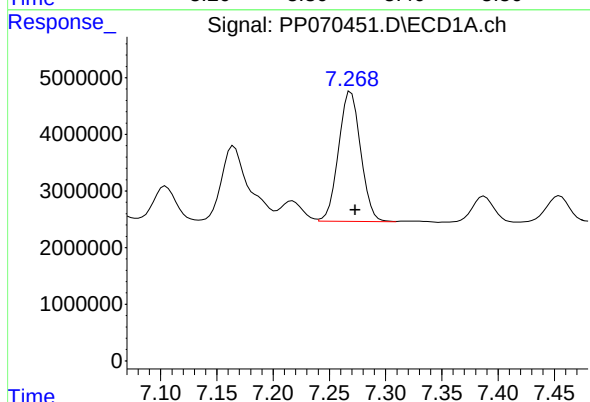
R.T.: 6.150 min  
Delta R.T.: -0.001 min  
Response: 18221356  
Conc: 526.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125



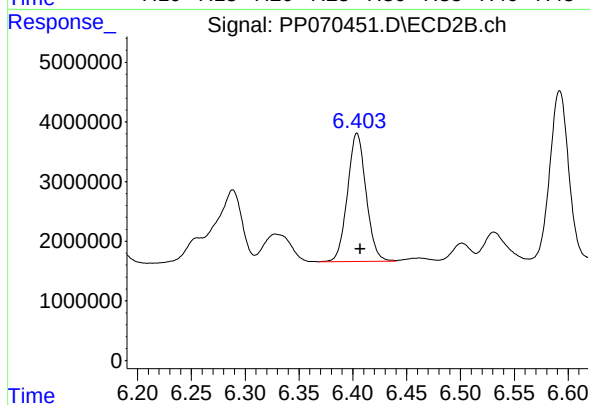
#7 AR-1016-5

R.T.: 5.367 min  
Delta R.T.: -0.002 min  
Response: 14760415  
Conc: 496.67 ng/ml



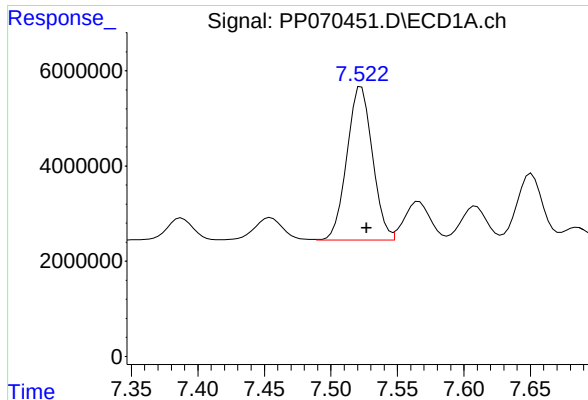
#31 AR-1260-1

R.T.: 7.269 min  
Delta R.T.: -0.004 min  
Response: 31459138  
Conc: 535.58 ng/ml



#31 AR-1260-1

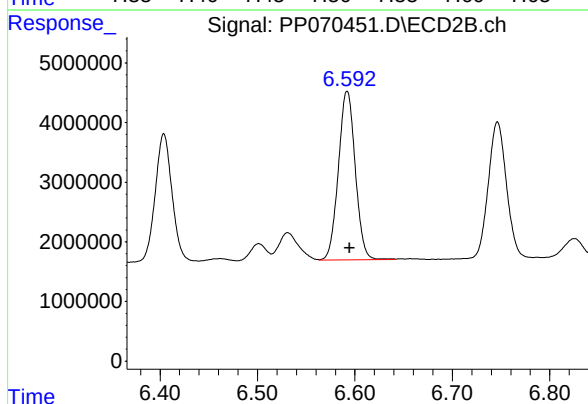
R.T.: 6.404 min  
Delta R.T.: -0.003 min  
Response: 25772586  
Conc: 517.68 ng/ml



#32 AR-1260-2

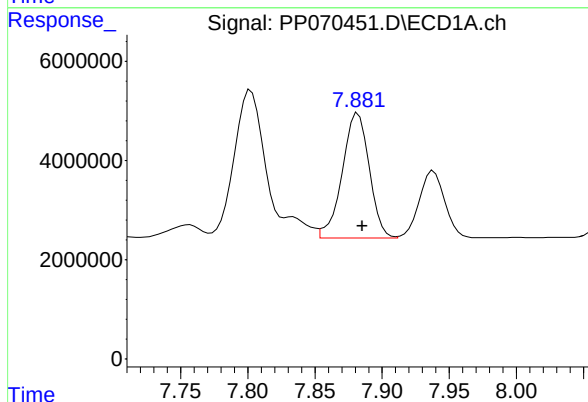
R.T.: 7.523 min  
Delta R.T.: -0.004 min  
Response: 43093099  
Conc: 525.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125



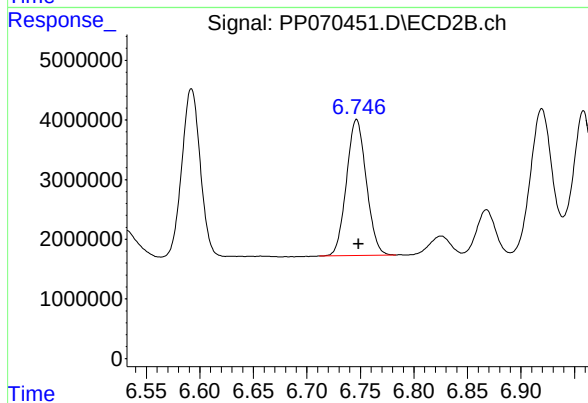
#32 AR-1260-2

R.T.: 6.592 min  
Delta R.T.: -0.002 min  
Response: 34068219  
Conc: 515.50 ng/ml



#33 AR-1260-3

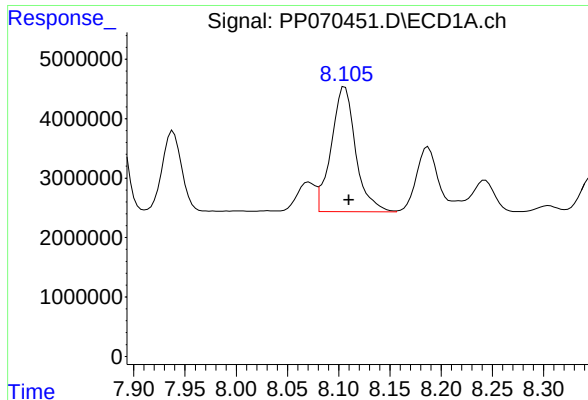
R.T.: 7.882 min  
Delta R.T.: -0.003 min  
Response: 35379890  
Conc: 538.03 ng/ml



#33 AR-1260-3

R.T.: 6.746 min  
Delta R.T.: -0.002 min  
Response: 29455426  
Conc: 514.98 ng/ml

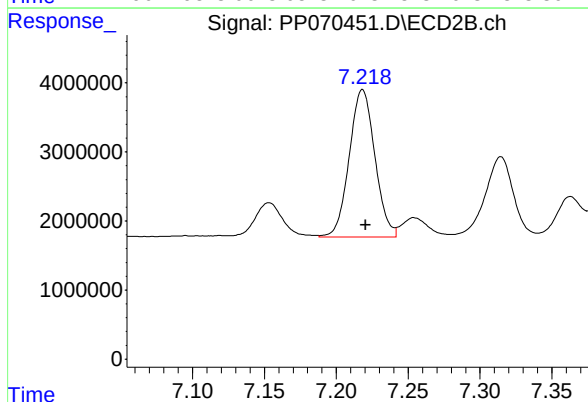




#34 AR-1260-4

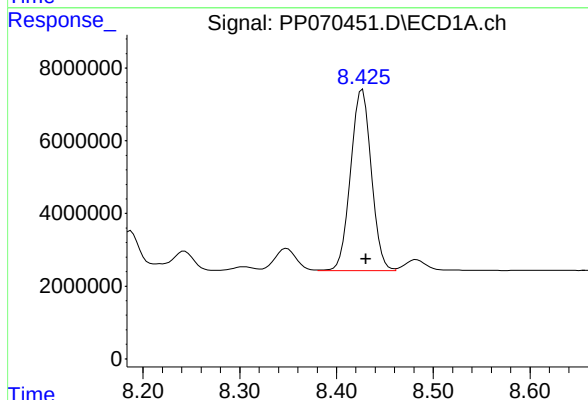
R.T.: 8.106 min  
Delta R.T.: -0.004 min  
Response: 34778399  
Conc: 532.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125



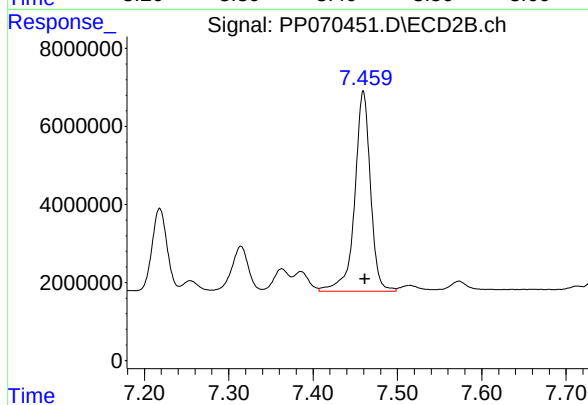
#34 AR-1260-4

R.T.: 7.218 min  
Delta R.T.: -0.002 min  
Response: 26486148  
Conc: 517.68 ng/ml



#35 AR-1260-5

R.T.: 8.427 min  
Delta R.T.: -0.004 min  
Response: 73694362  
Conc: 539.18 ng/ml



#35 AR-1260-5

R.T.: 7.460 min  
Delta R.T.: -0.002 min  
Response: 66685007  
Conc: 517.80 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070452.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2025 00:10  
 Operator : YP\AJ  
 Sample : AR1232ICV500  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP031125AR1232

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 19 05:20:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 19 05:19:07 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.525  | 3.828 | 82637423 | 51891496 | 51.851  | 48.744  |
| 2) SA Decachlor...          | 10.250 | 8.879 | 56319561 | 51738897 | 52.291  | 51.344  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.887  | 4.202 | 17817484 | 13234008 | 501.090 | 503.008 |
| 12) L3 AR-1232-2            | 5.412  | 4.934 | 9000524  | 12831570 | 533.581 | 497.115 |
| 13) L3 AR-1232-3            | 5.698  | 5.112 | 19000238 | 6787601  | 519.562 | 484.519 |
| 14) L3 AR-1232-4            | 5.858  | 5.196 | 9460626  | 5871572  | 498.077 | 501.319 |
| 15) L3 AR-1232-5            | 5.948  | 5.368 | 6697975  | 6583987  | 516.729 | 503.825 |
| -----                       |        |       |          |          |         |         |

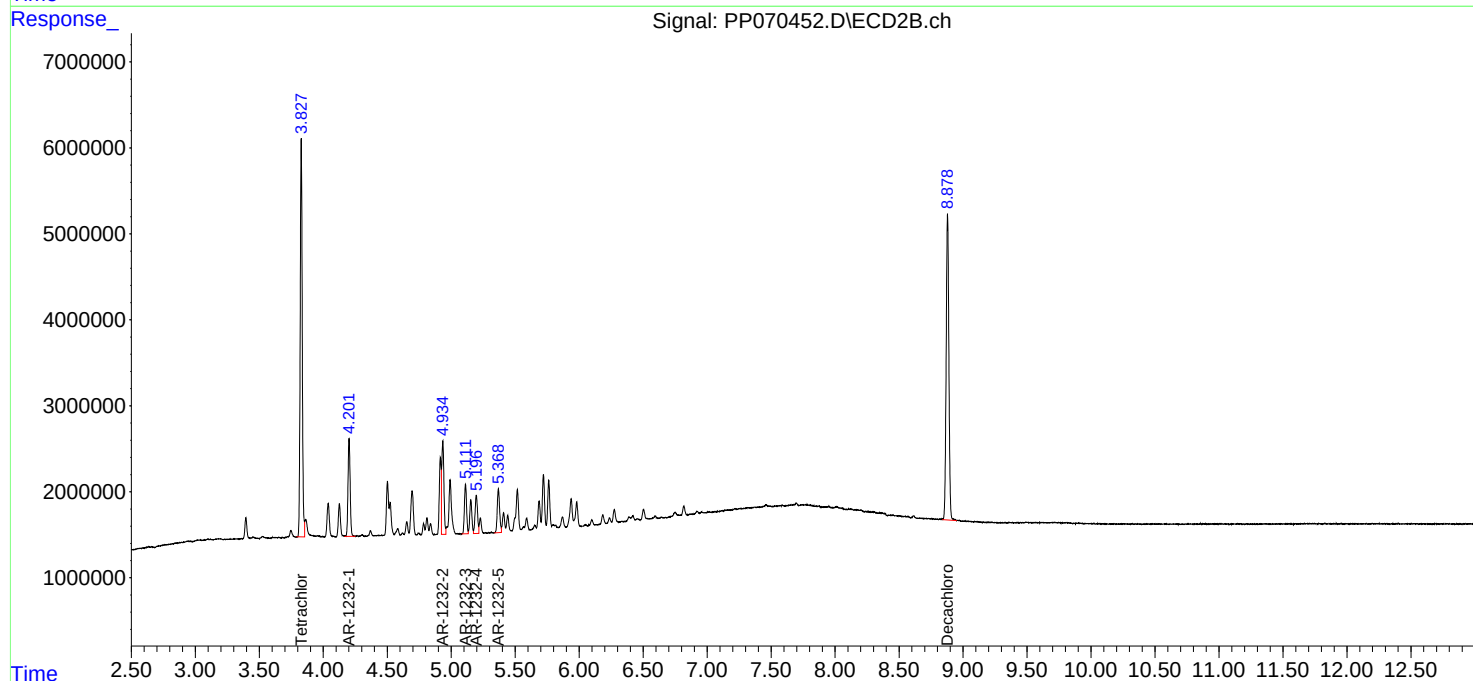
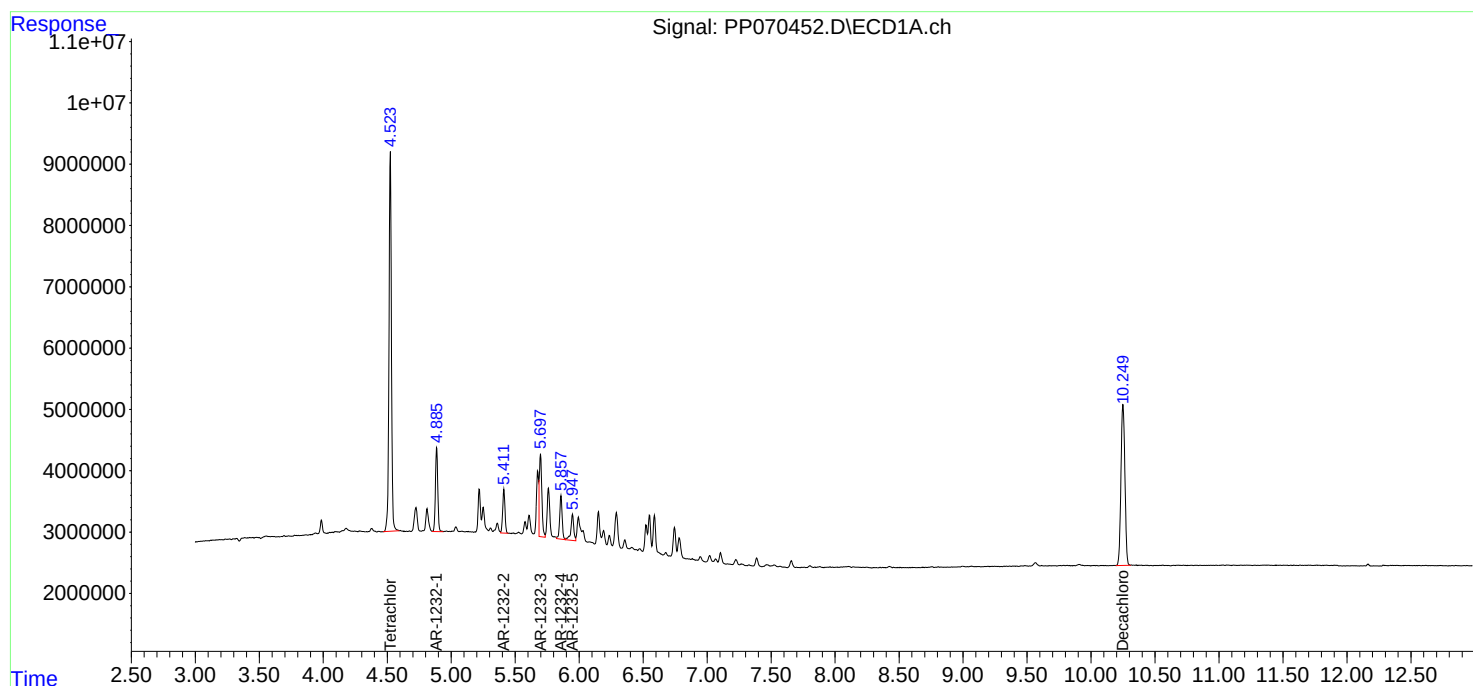
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

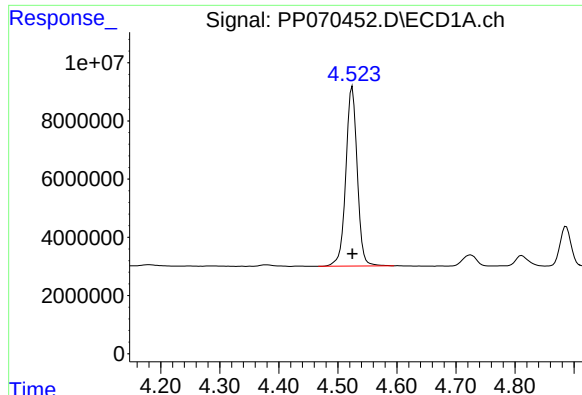
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070452.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2025 00:10  
Operator : YP\AJ  
Sample : AR1232ICV500  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1232

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 19 05:20:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:19:07 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

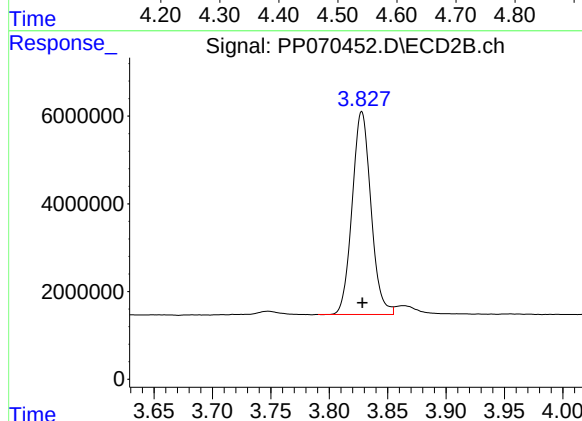




## #1 Tetrachloro-m-xylene

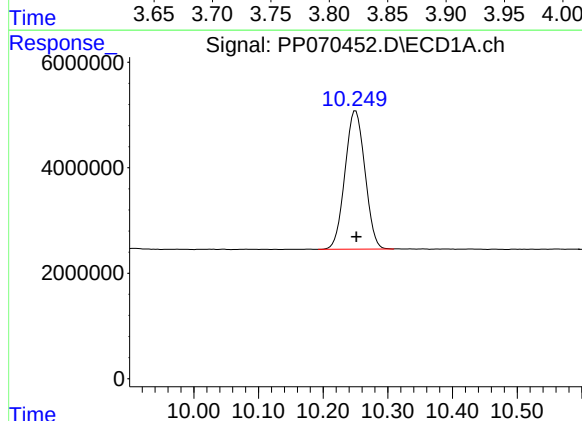
R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 82637423  
Conc: 51.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1232



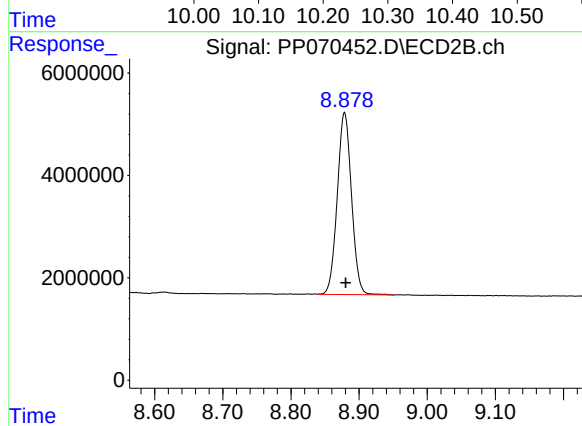
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 51891496  
Conc: 48.74 ng/ml



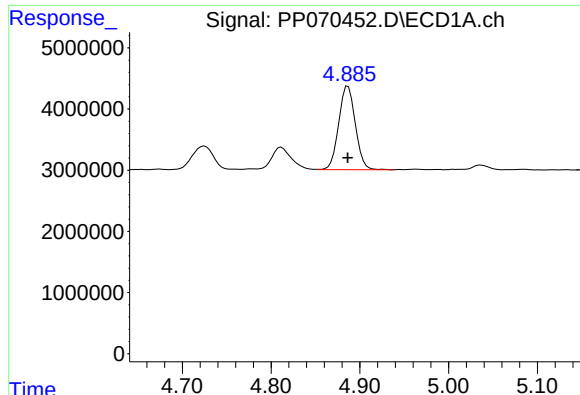
## #2 Decachlorobiphenyl

R.T.: 10.250 min  
Delta R.T.: -0.001 min  
Response: 56319561  
Conc: 52.29 ng/ml



## #2 Decachlorobiphenyl

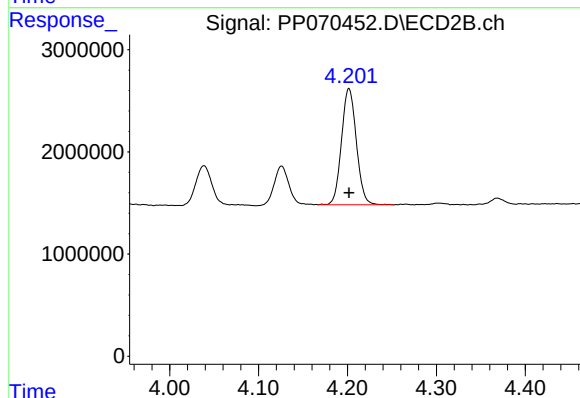
R.T.: 8.879 min  
Delta R.T.: -0.002 min  
Response: 51738897  
Conc: 51.34 ng/ml



#11 AR-1232-1

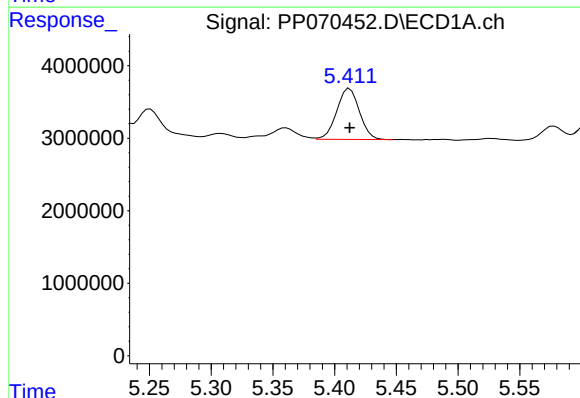
R.T.: 4.887 min  
Delta R.T.: 0.000 min  
Response: 17817484  
Conc: 501.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1232



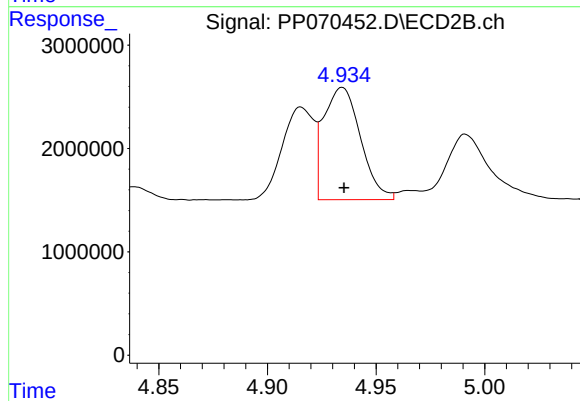
#11 AR-1232-1

R.T.: 4.202 min  
Delta R.T.: 0.000 min  
Response: 13234008  
Conc: 503.01 ng/ml



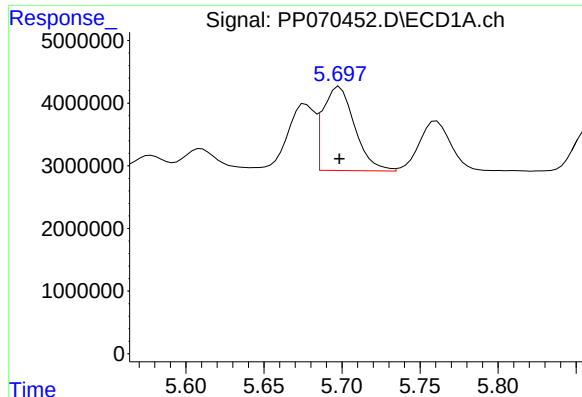
#12 AR-1232-2

R.T.: 5.412 min  
Delta R.T.: 0.000 min  
Response: 9000524  
Conc: 533.58 ng/ml



#12 AR-1232-2

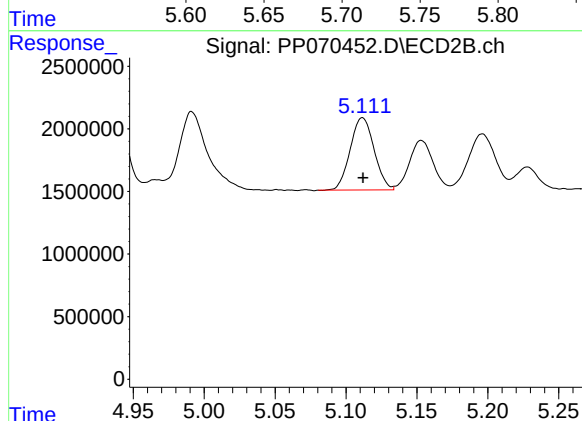
R.T.: 4.934 min  
Delta R.T.: 0.000 min  
Response: 12831570  
Conc: 497.11 ng/ml



#13 AR-1232-3

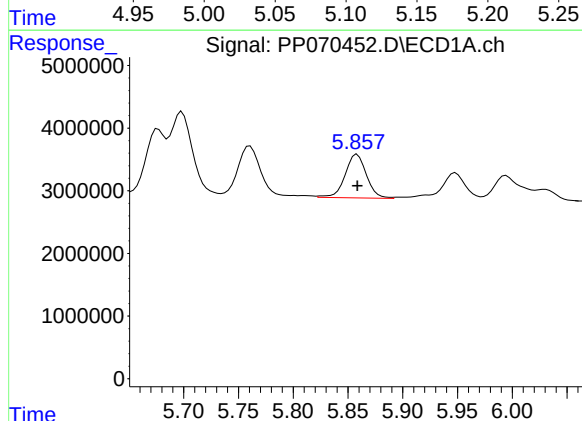
R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 19000238  
Conc: 519.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1232



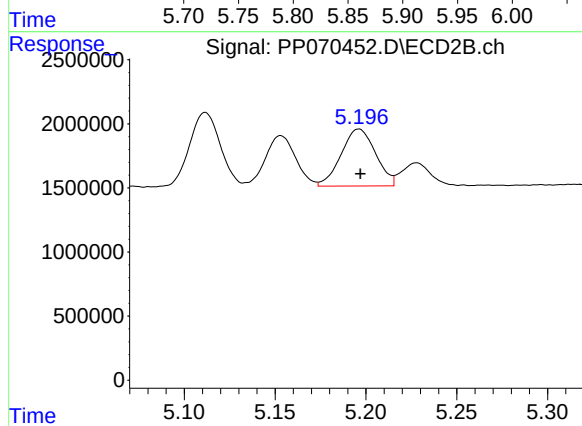
#13 AR-1232-3

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 6787601  
Conc: 484.52 ng/ml



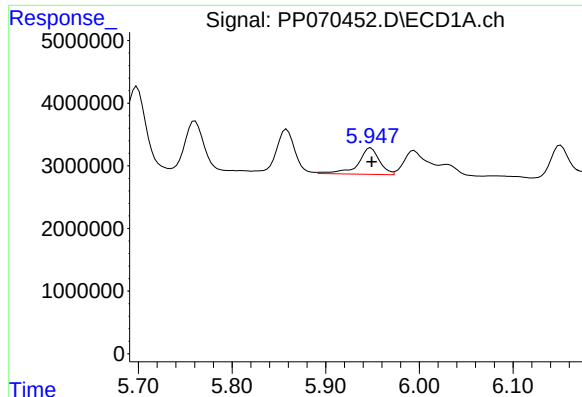
#14 AR-1232-4

R.T.: 5.858 min  
Delta R.T.: 0.000 min  
Response: 9460626  
Conc: 498.08 ng/ml



#14 AR-1232-4

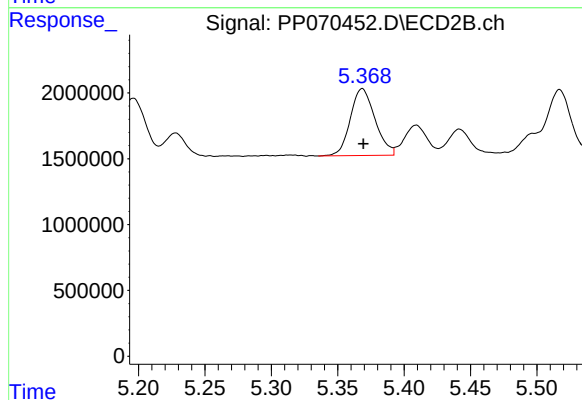
R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 5871572  
Conc: 501.32 ng/ml



#15 AR-1232-5

R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 6697975  
Conc: 516.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1232



#15 AR-1232-5

R.T.: 5.368 min  
Delta R.T.: 0.000 min  
Response: 6583987  
Conc: 503.83 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070453.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2025 00:27  
 Operator : YP\AJ  
 Sample : AR1242ICV500  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP031125AR1242

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 02:29:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:28:34 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...          | 4.522  | 3.828 | 80900104 | 52039514 | 51.573  | 51.996  |
| 2) SA Decachlor...          | 10.247 | 8.877 | 56432259 | 50213028 | 52.789  | 48.963  |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.673  | 4.914 | 21829875 | 15588752 | 491.127 | 509.246 |
| 17) L4 AR-1242-2            | 5.695  | 4.933 | 32588571 | 21901951 | 530.924 | 502.366 |
| 18) L4 AR-1242-3            | 5.758  | 5.111 | 19614357 | 12116039 | 528.672 | 508.387 |
| 19) L4 AR-1242-4            | 5.855  | 5.195 | 16599935 | 11430650 | 516.600 | 518.573 |
| 20) L4 AR-1242-5            | 6.586  | 5.720 | 17030676 | 14600485 | 548.536 | 522.919 |
| -----                       |        |       |          |          |         |         |

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

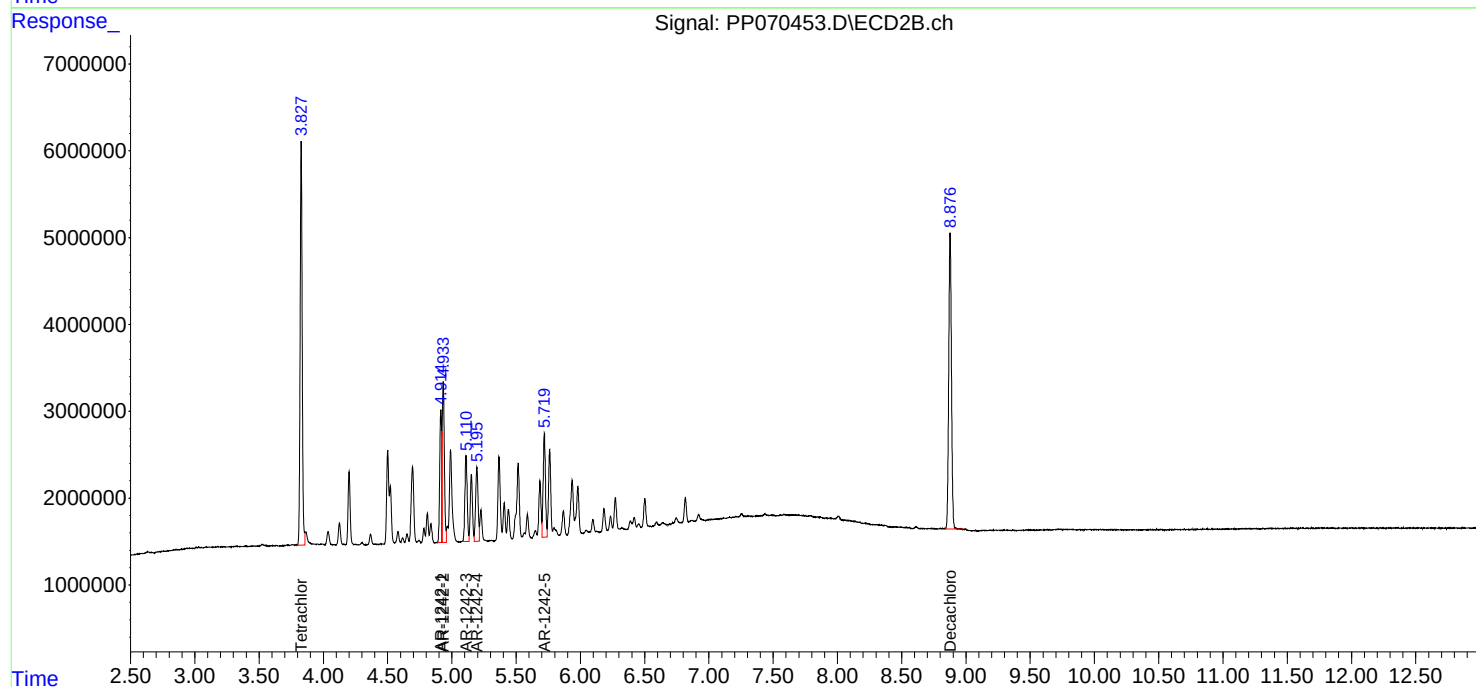
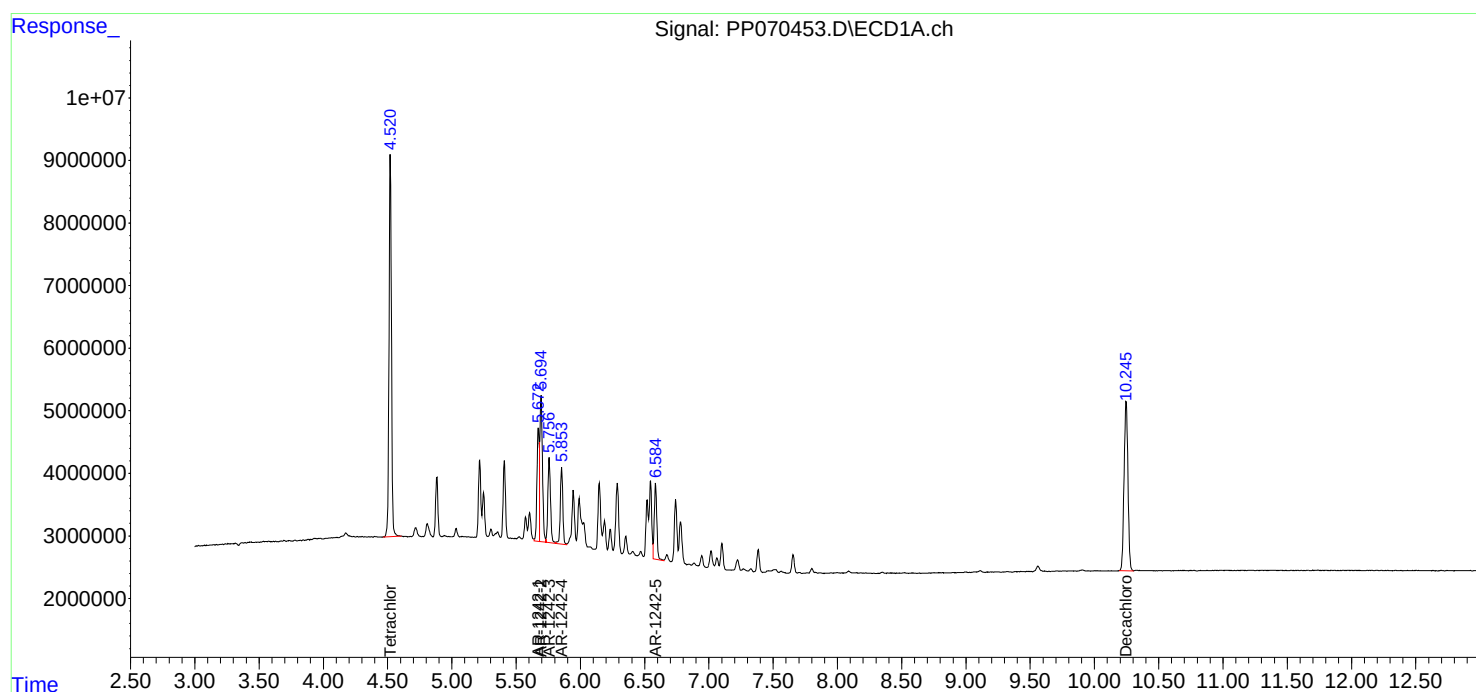


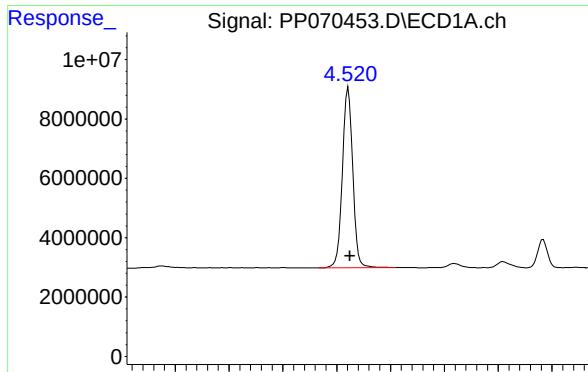
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070453.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2025 00:27  
Operator : YP\AJ  
Sample : AR1242ICV500  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1242

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 02:29:58 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:28:34 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

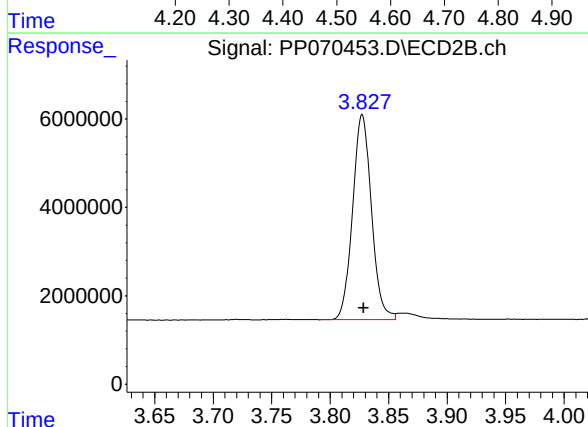




## #1 Tetrachloro-m-xylene

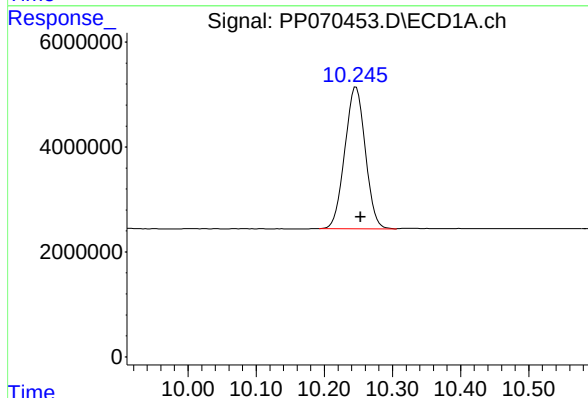
R.T.: 4.522 min  
Delta R.T.: -0.003 min  
Response: 80900104  
Conc: 51.57 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1242



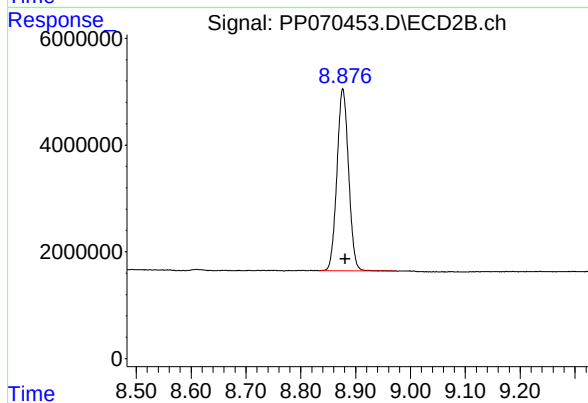
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: -0.001 min  
Response: 52039514  
Conc: 52.00 ng/ml



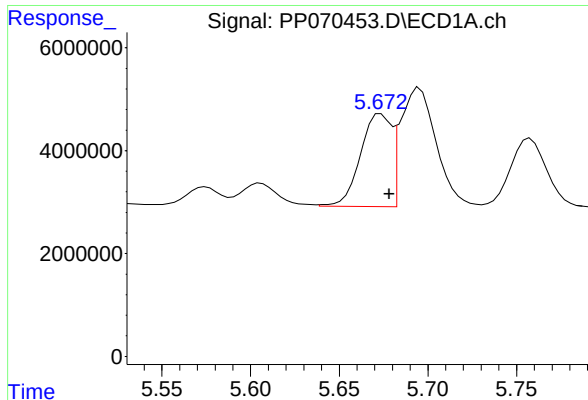
## #2 Decachlorobiphenyl

R.T.: 10.247 min  
Delta R.T.: -0.007 min  
Response: 56432259  
Conc: 52.79 ng/ml



## #2 Decachlorobiphenyl

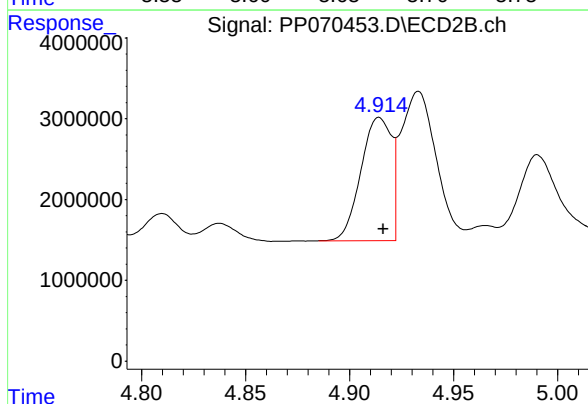
R.T.: 8.877 min  
Delta R.T.: -0.004 min  
Response: 50213028  
Conc: 48.96 ng/ml



#16 AR-1242-1

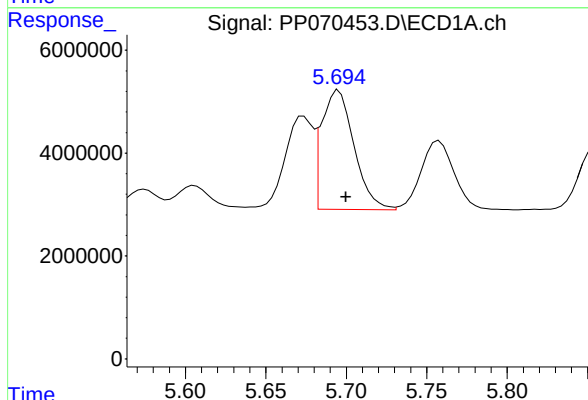
R.T.: 5.673 min  
Delta R.T.: -0.005 min  
Response: 21829875  
Conc: 491.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1242



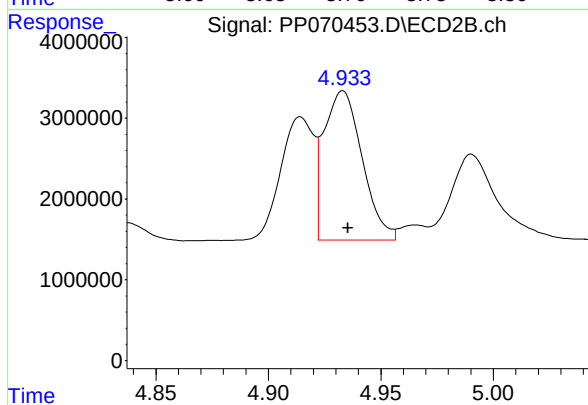
#16 AR-1242-1

R.T.: 4.914 min  
Delta R.T.: -0.002 min  
Response: 15588752  
Conc: 509.25 ng/ml



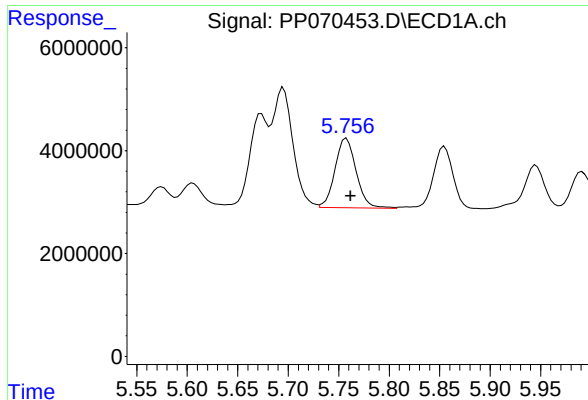
#17 AR-1242-2

R.T.: 5.695 min  
Delta R.T.: -0.005 min  
Response: 32588571  
Conc: 530.92 ng/ml



#17 AR-1242-2

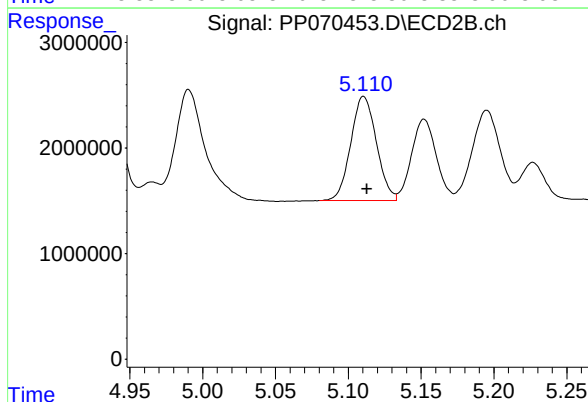
R.T.: 4.933 min  
Delta R.T.: -0.002 min  
Response: 21901951  
Conc: 502.37 ng/ml



#18 AR-1242-3

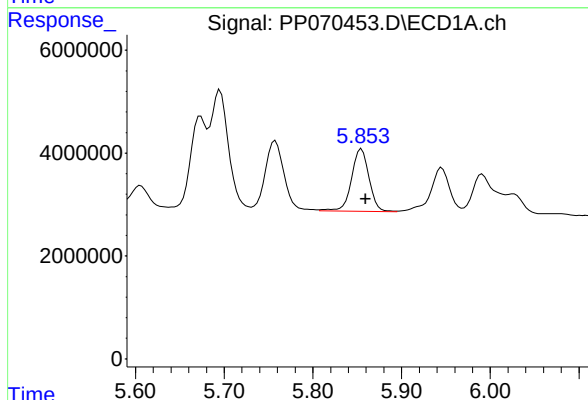
R.T.: 5.758 min  
Delta R.T.: -0.004 min  
Response: 19614357  
Conc: 528.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1242



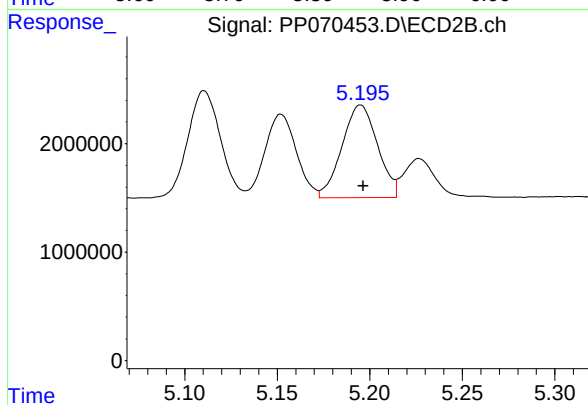
#18 AR-1242-3

R.T.: 5.111 min  
Delta R.T.: -0.002 min  
Response: 12116039  
Conc: 508.39 ng/ml



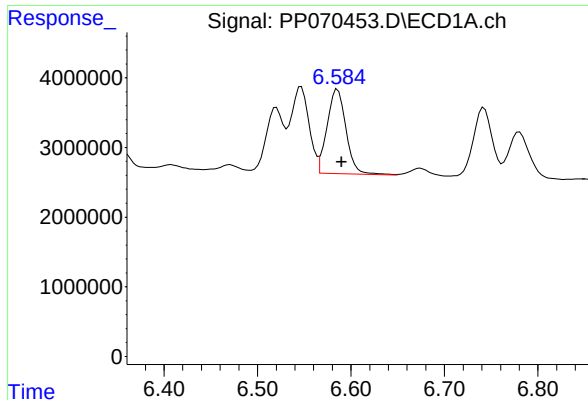
#19 AR-1242-4

R.T.: 5.855 min  
Delta R.T.: -0.005 min  
Response: 16599935  
Conc: 516.60 ng/ml



#19 AR-1242-4

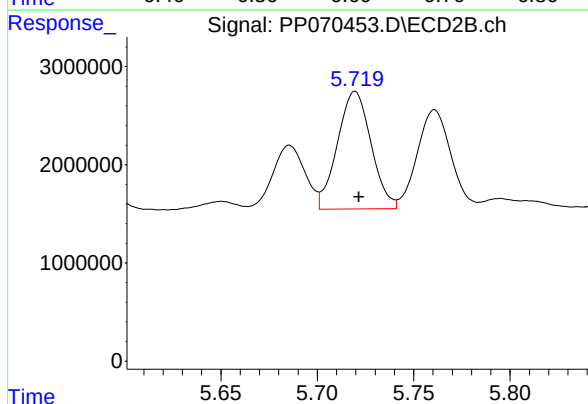
R.T.: 5.195 min  
Delta R.T.: -0.001 min  
Response: 11430650  
Conc: 518.57 ng/ml



#20 AR-1242-5

R.T.: 6.586 min  
Delta R.T.: -0.005 min  
Response: 17030676  
Conc: 548.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1242



#20 AR-1242-5

R.T.: 5.720 min  
Delta R.T.: -0.002 min  
Response: 14600485  
Conc: 522.92 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070454.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2025 00:43  
 Operator : YP\AJ  
 Sample : AR1248ICV500  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP031125AR1248

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 01:44:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 01:39:22 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.523  | 3.827 | 80763365 | 51993820 | 51.381  | 50.996  |
| 2) SA Decachlor...          | 10.249 | 8.879 | 57381734 | 53329390 | 53.107  | 53.338  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.675  | 4.915 | 17366035 | 11930350 | 508.434 | 508.204 |
| 22) L5 AR-1248-2            | 5.948  | 5.152 | 22908060 | 15777449 | 539.683 | 504.016 |
| 23) L5 AR-1248-3            | 6.150  | 5.195 | 24248973 | 16449582 | 525.454 | 518.561 |
| 24) L5 AR-1248-4            | 6.549  | 5.368 | 29245571 | 19332171 | 504.310 | 496.038 |
| 25) L5 AR-1248-5            | 6.588  | 5.762 | 27662486 | 19099791 | 515.251 | 501.482 |
| -----                       |        |       |          |          |         |         |

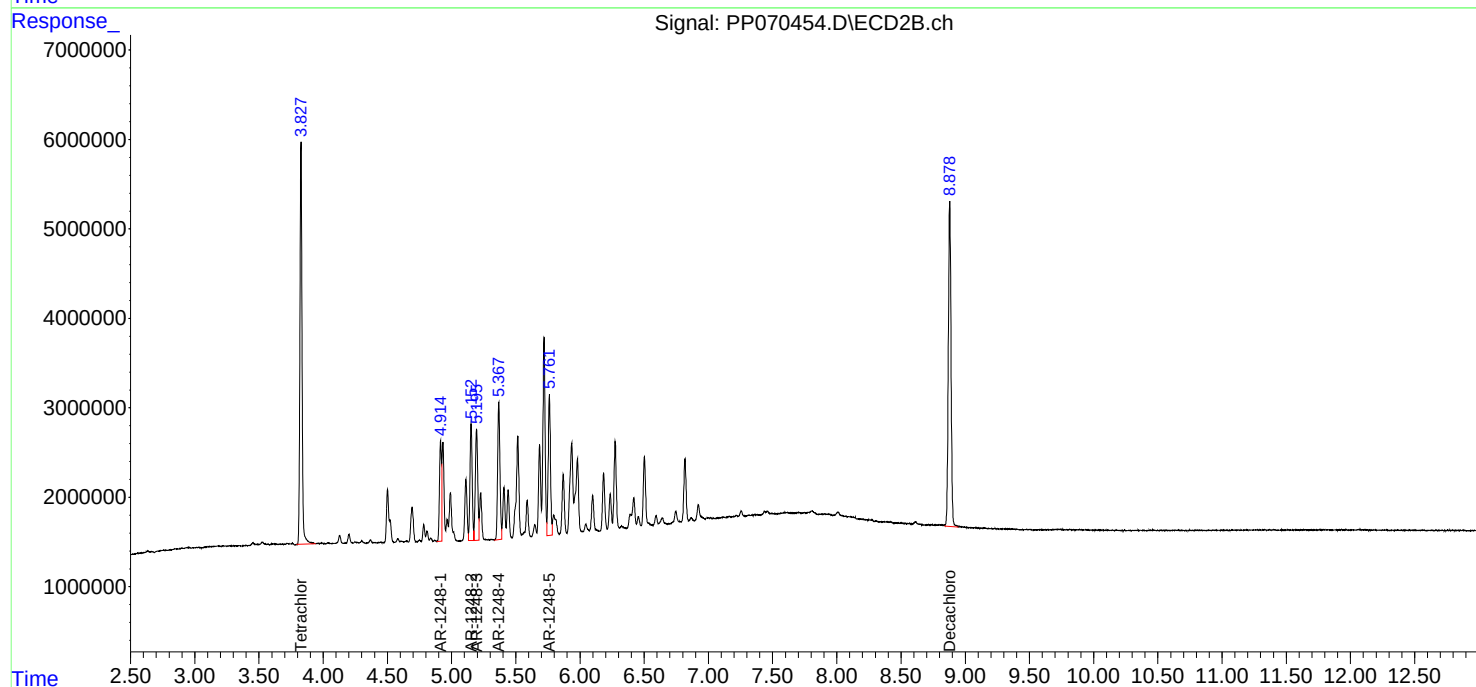
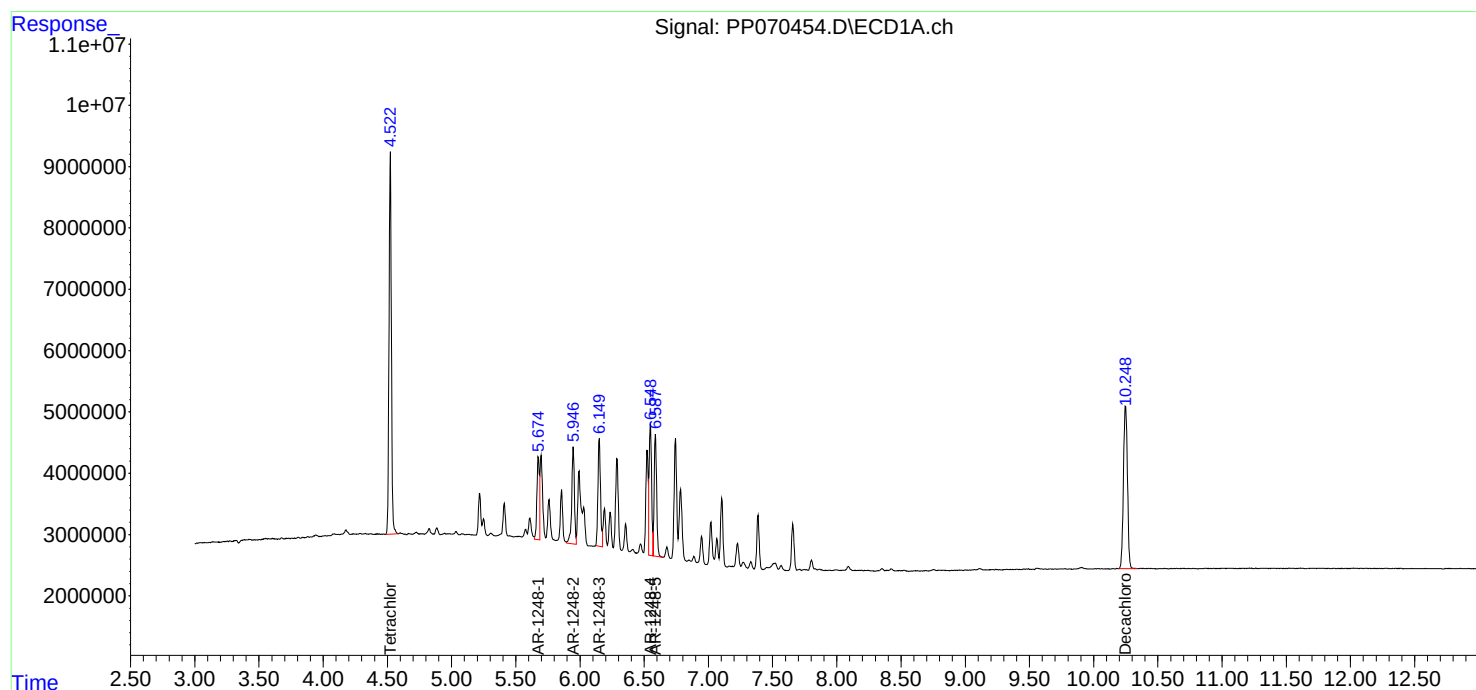
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

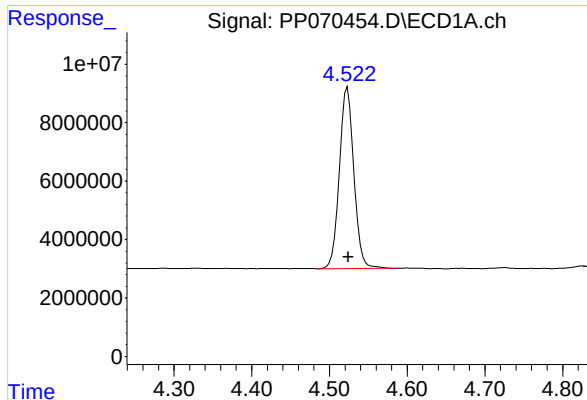
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070454.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2025 00:43  
Operator : YP\AJ  
Sample : AR1248ICV500  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1248

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 01:44:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 01:39:22 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

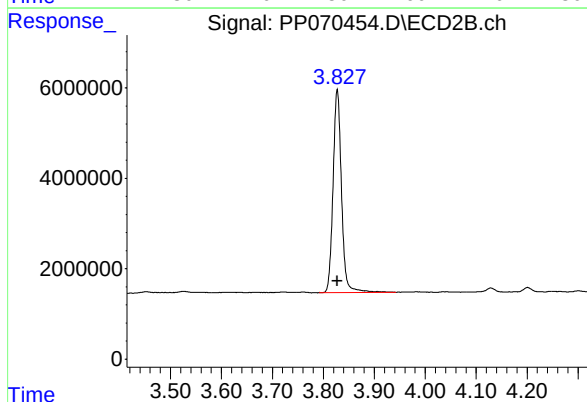




## #1 Tetrachloro-m-xylene

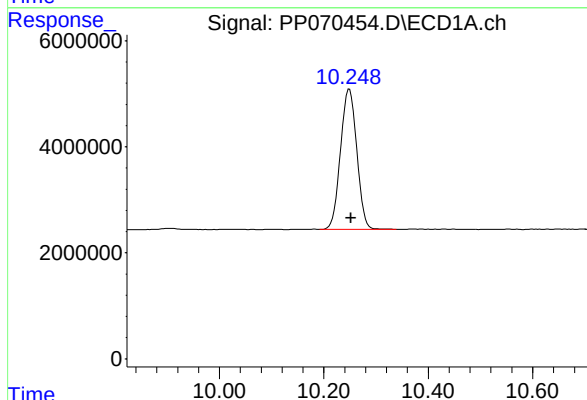
R.T.: 4.523 min  
Delta R.T.: 0.000 min  
Response: 80763365  
Conc: 51.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1248



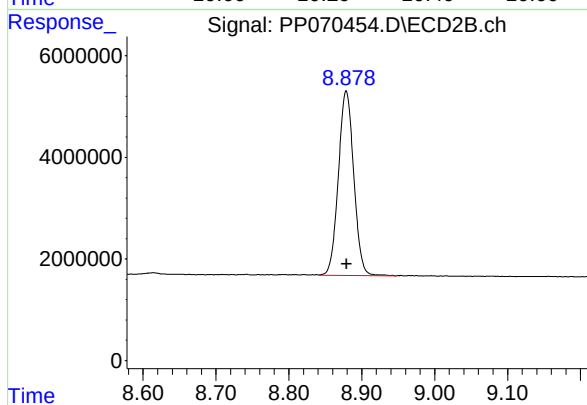
## #1 Tetrachloro-m-xylene

R.T.: 3.827 min  
Delta R.T.: 0.000 min  
Response: 51993820  
Conc: 51.00 ng/ml



## #2 Decachlorobiphenyl

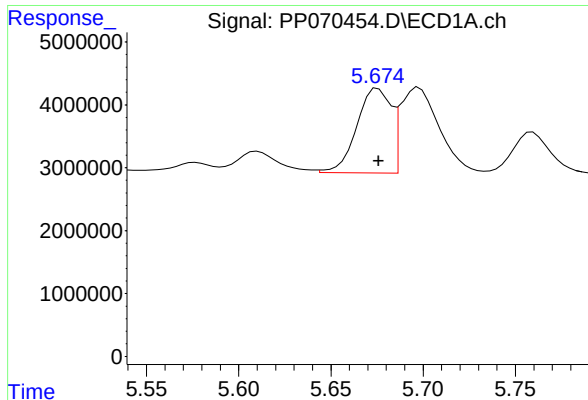
R.T.: 10.249 min  
Delta R.T.: -0.003 min  
Response: 57381734  
Conc: 53.11 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.879 min  
Delta R.T.: 0.000 min  
Response: 53329390  
Conc: 53.34 ng/ml

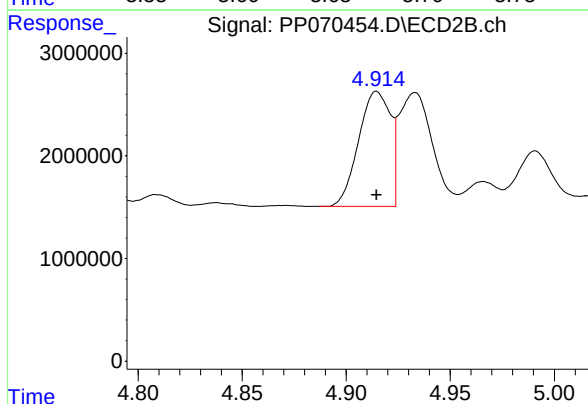




#21 AR-1248-1

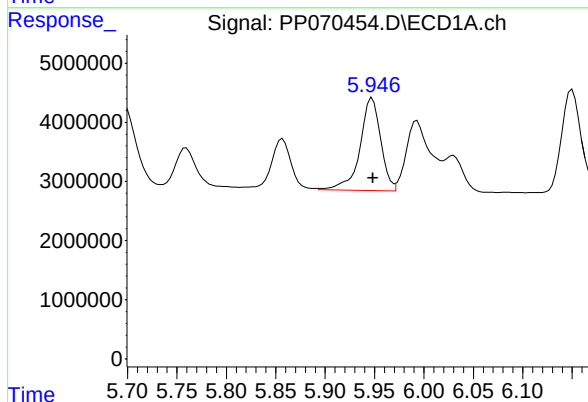
R.T.: 5.675 min  
Delta R.T.: 0.000 min  
Response: 17366035  
Conc: 508.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1248



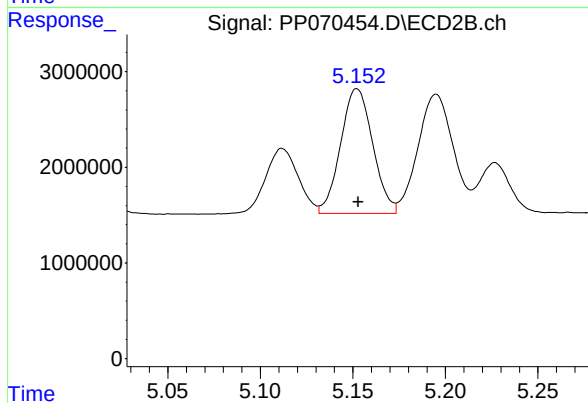
#21 AR-1248-1

R.T.: 4.915 min  
Delta R.T.: 0.000 min  
Response: 11930350  
Conc: 508.20 ng/ml



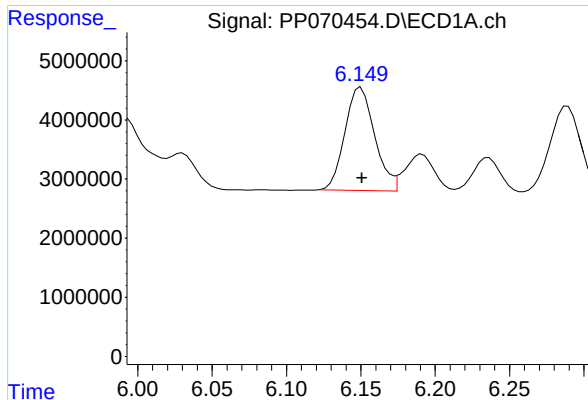
#22 AR-1248-2

R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 22908060  
Conc: 539.68 ng/ml



#22 AR-1248-2

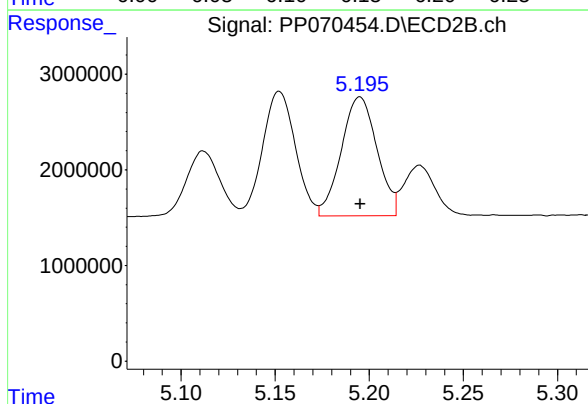
R.T.: 5.152 min  
Delta R.T.: 0.000 min  
Response: 15777449  
Conc: 504.02 ng/ml



#23 AR-1248-3

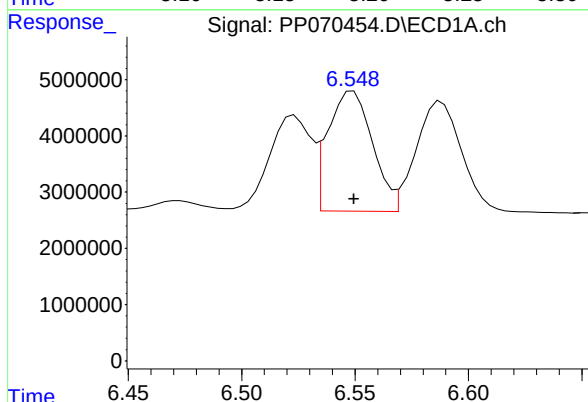
R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 24248973  
Conc: 525.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1248



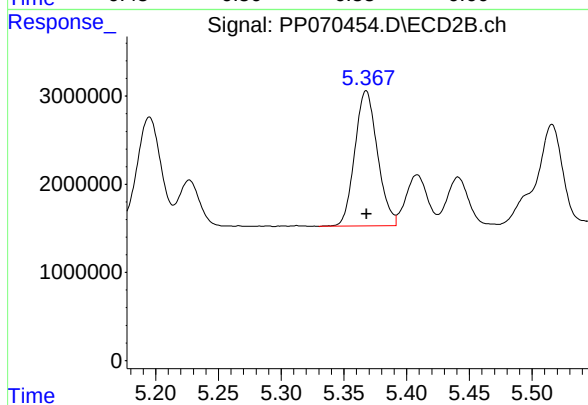
#23 AR-1248-3

R.T.: 5.195 min  
Delta R.T.: 0.000 min  
Response: 16449582  
Conc: 518.56 ng/ml



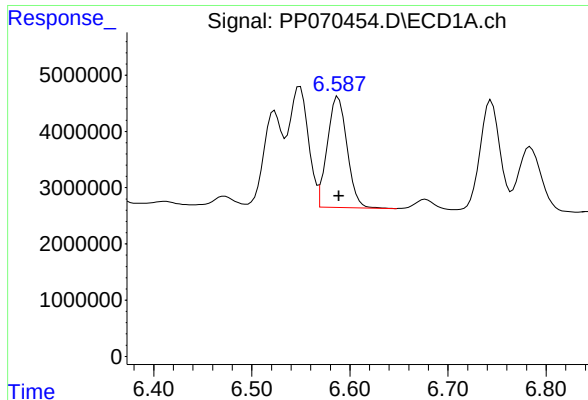
#24 AR-1248-4

R.T.: 6.549 min  
Delta R.T.: 0.000 min  
Response: 29245571  
Conc: 504.31 ng/ml



#24 AR-1248-4

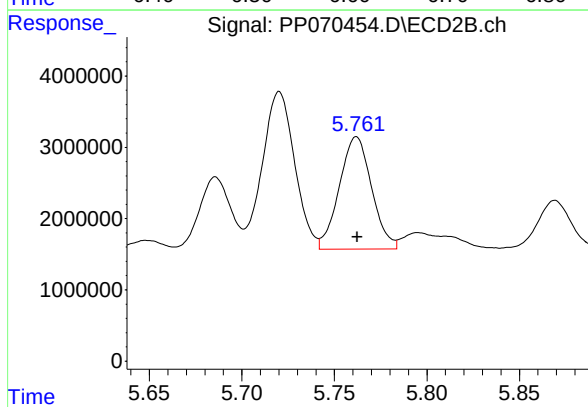
R.T.: 5.368 min  
Delta R.T.: 0.000 min  
Response: 19332171  
Conc: 496.04 ng/ml



#25 AR-1248-5

R.T.: 6.588 min  
Delta R.T.: 0.000 min  
Response: 27662486  
Conc: 515.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1248



#25 AR-1248-5

R.T.: 5.762 min  
Delta R.T.: 0.000 min  
Response: 19099791  
Conc: 501.48 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070455.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2025 00:59  
 Operator : YP\AJ  
 Sample : AR1254ICV500  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP031125AR1254

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 01:56:03 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 01:49:19 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.525  | 3.827 | 82035673 | 53945391 | 51.568  | 53.445  |
| 2) SA Decachlor...          | 10.250 | 8.878 | 58425643 | 54856879 | 52.829  | 51.364  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.527  | 5.721 | 29456235 | 28994348 | 514.431 | 514.789 |
| 27) L6 AR-1254-2            | 6.743  | 5.869 | 42978463 | 24997724 | 530.257 | 511.133 |
| 28) L6 AR-1254-3            | 7.106  | 6.274 | 43763209 | 38958184 | 519.927 | 516.564 |
| 29) L6 AR-1254-4            | 7.389  | 6.502 | 36692419 | 27576382 | 523.152 | 522.756 |
| 30) L6 AR-1254-5            | 7.805  | 6.921 | 36360967 | 35678139 | 520.504 | 516.666 |
| -----                       |        |       |          |          |         |         |

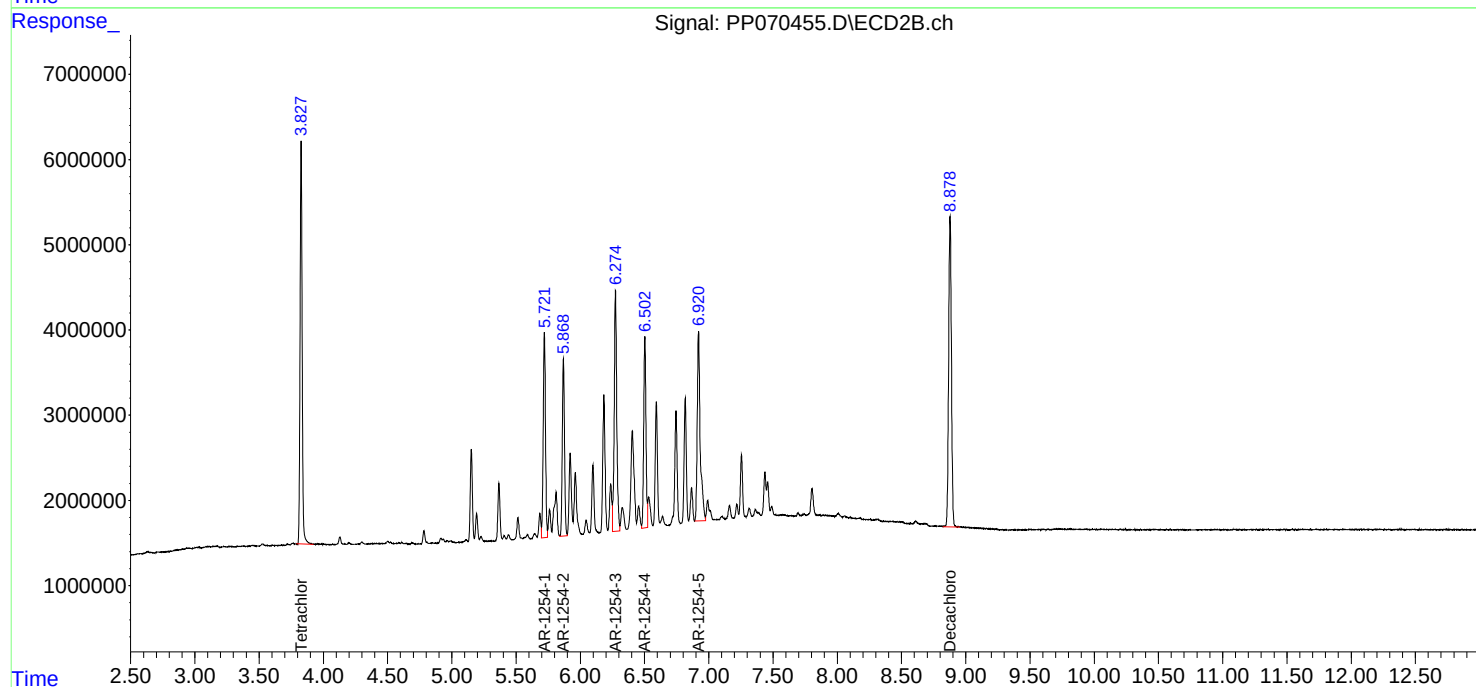
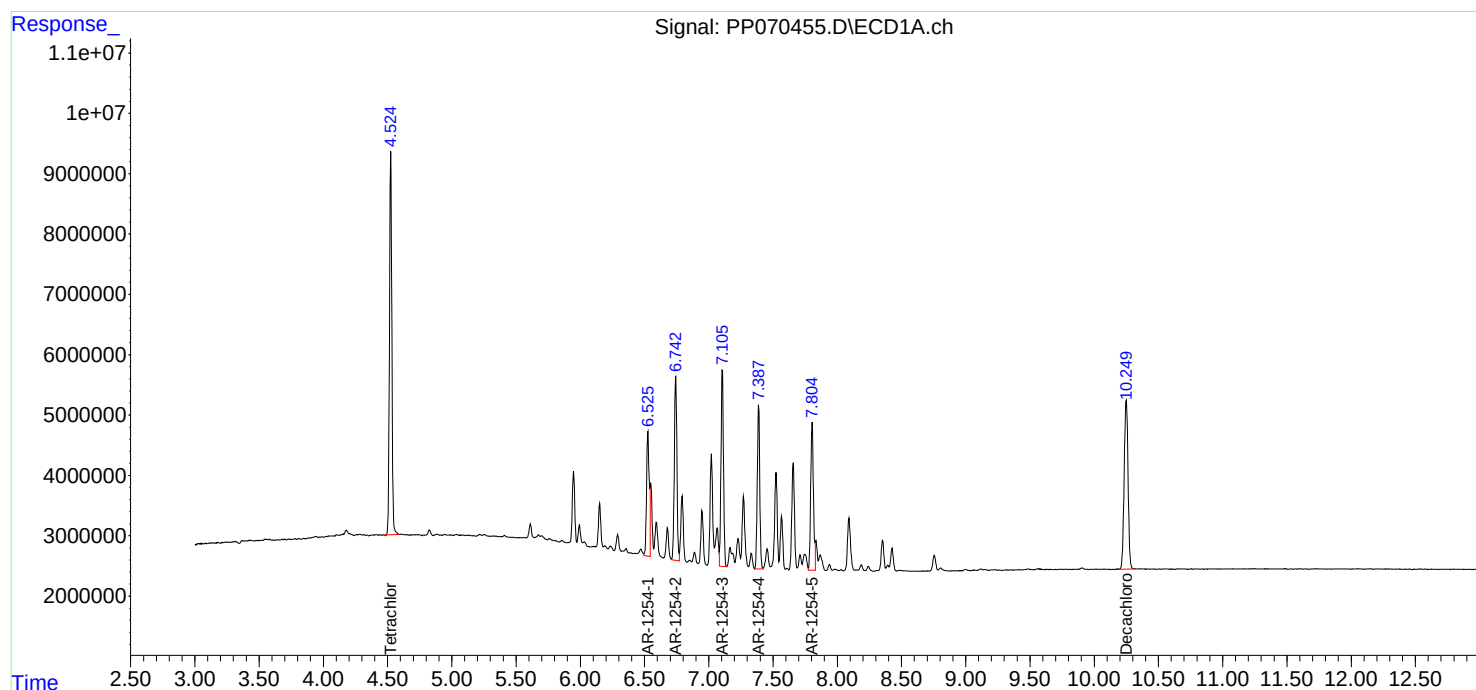
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

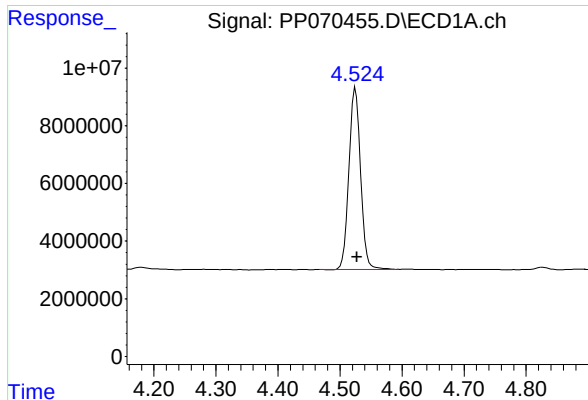
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070455.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2025 00:59  
Operator : YP\AJ  
Sample : AR1254ICV500  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1254

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 01:56:03 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 01:49:19 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

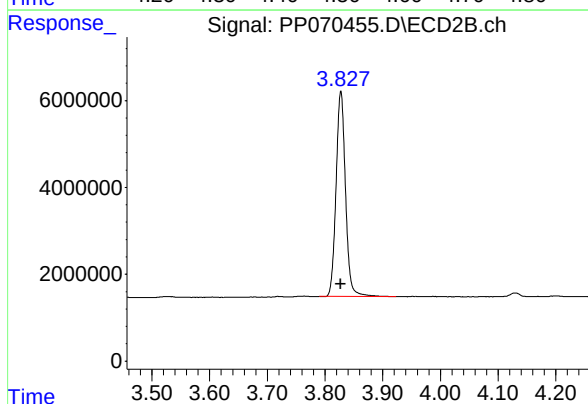




## #1 Tetrachloro-m-xylene

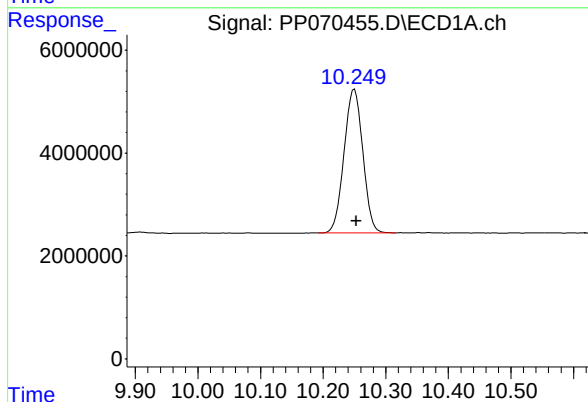
R.T.: 4.525 min  
Delta R.T.: -0.002 min  
Response: 82035673  
Conc: 51.57 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1254



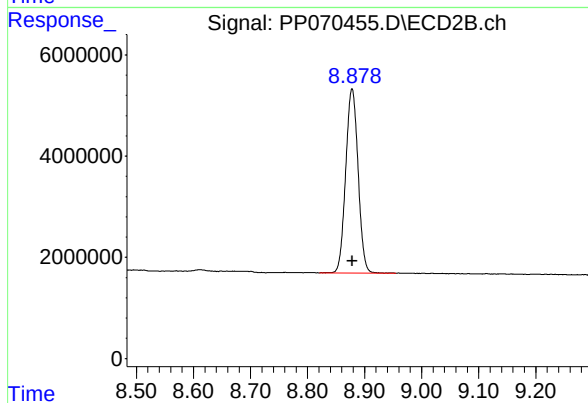
## #1 Tetrachloro-m-xylene

R.T.: 3.827 min  
Delta R.T.: 0.000 min  
Response: 53945391  
Conc: 53.45 ng/ml



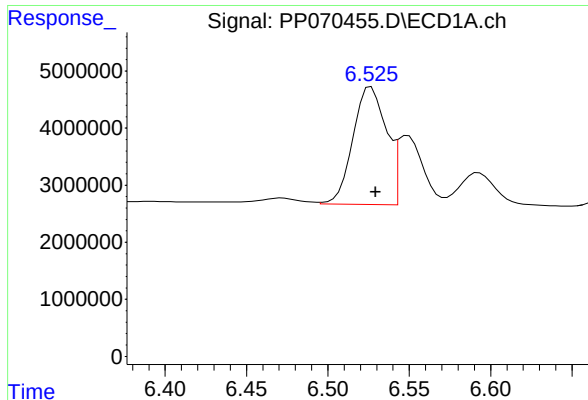
## #2 Decachlorobiphenyl

R.T.: 10.250 min  
Delta R.T.: -0.003 min  
Response: 58425643  
Conc: 52.83 ng/ml



## #2 Decachlorobiphenyl

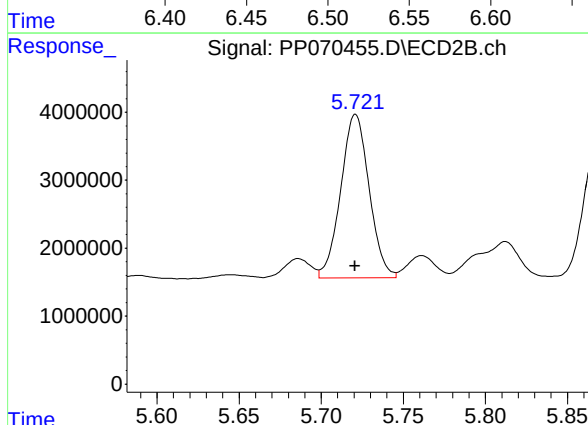
R.T.: 8.878 min  
Delta R.T.: 0.000 min  
Response: 54856879  
Conc: 51.36 ng/ml



#26 AR-1254-1

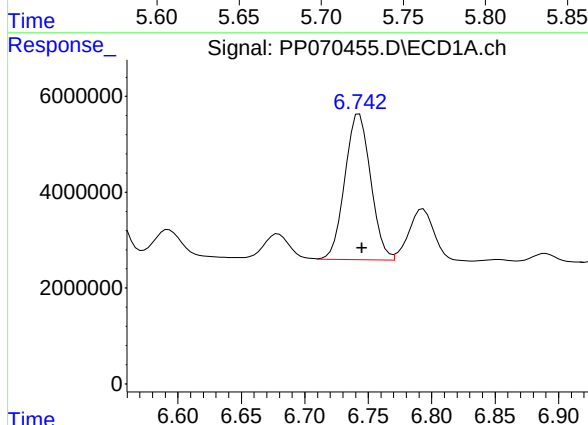
R.T.: 6.527 min  
Delta R.T.: -0.003 min  
Response: 29456235  
Conc: 514.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1254



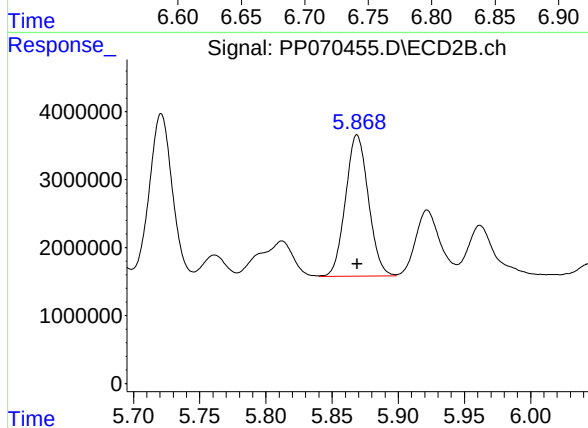
#26 AR-1254-1

R.T.: 5.721 min  
Delta R.T.: 0.000 min  
Response: 28994348  
Conc: 514.79 ng/ml



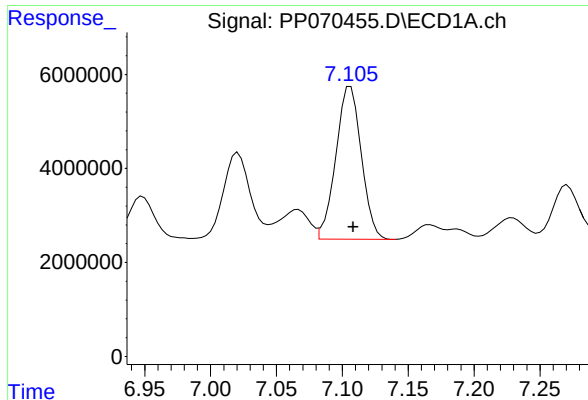
#27 AR-1254-2

R.T.: 6.743 min  
Delta R.T.: -0.002 min  
Response: 42978463  
Conc: 530.26 ng/ml



#27 AR-1254-2

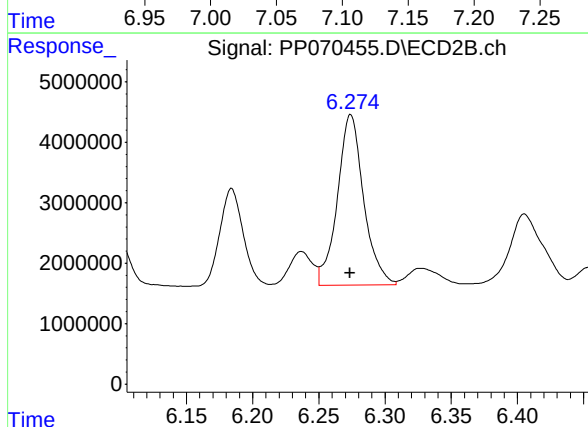
R.T.: 5.869 min  
Delta R.T.: 0.000 min  
Response: 24997724  
Conc: 511.13 ng/ml



#28 AR-1254-3

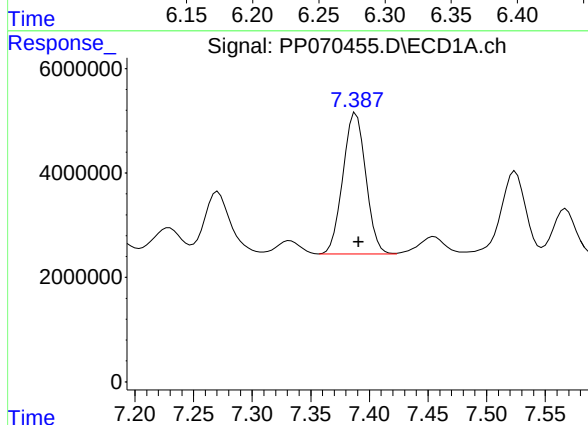
R.T.: 7.106 min  
Delta R.T.: -0.002 min  
Response: 43763209  
Conc: 519.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1254



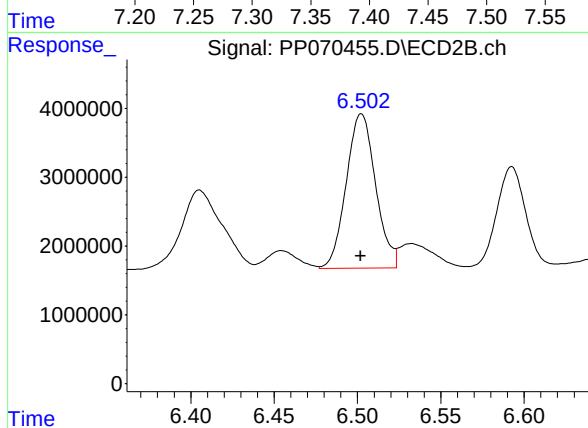
#28 AR-1254-3

R.T.: 6.274 min  
Delta R.T.: 0.000 min  
Response: 38958184  
Conc: 516.56 ng/ml



#29 AR-1254-4

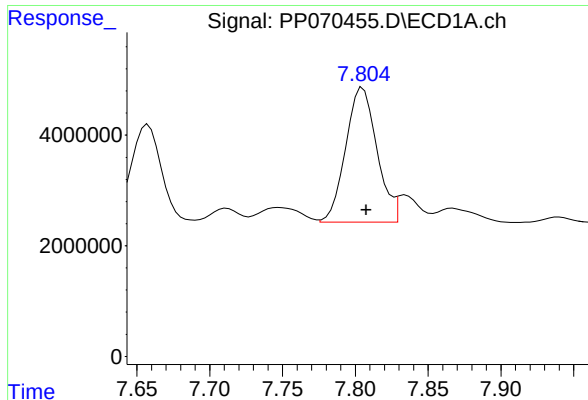
R.T.: 7.389 min  
Delta R.T.: -0.002 min  
Response: 36692419  
Conc: 523.15 ng/ml



#29 AR-1254-4

R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 27576382  
Conc: 522.76 ng/ml

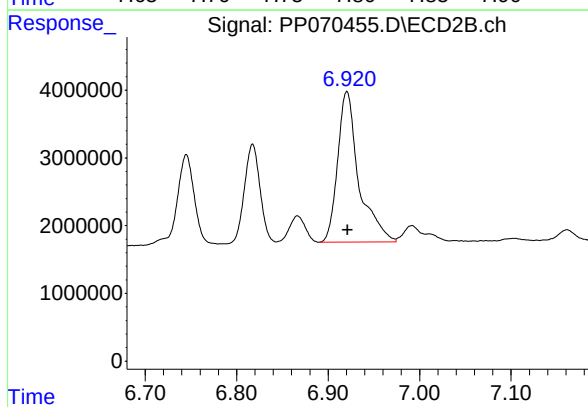




#30 AR-1254-5

R.T.: 7.805 min  
Delta R.T.: -0.003 min  
Response: 36360967  
Conc: 520.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1254



#30 AR-1254-5

R.T.: 6.921 min  
Delta R.T.: 0.000 min  
Response: 35678139  
Conc: 516.67 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070456.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2025 01:16  
 Operator : YP\AJ  
 Sample : AR1268ICV500  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP031125AR1268

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 01:57:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 01:57:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.525  | 3.826 | 82956019 | 55353504 | 50.459  | 50.190  |
| 2) SA Decachlor...          | 10.250 | 8.877 | 97699870 | 88842686 | 50.660  | 50.991  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.742  | 7.742 | 101.7E6  | 89726484 | 504.572 | 501.133 |
| 42) L9 AR-1268-2            | 8.836  | 7.807 | 87505543 | 76005918 | 505.203 | 507.239 |
| 43) L9 AR-1268-3            | 9.069  | 8.013 | 75570485 | 65882951 | 504.356 | 508.496 |
| 44) L9 AR-1268-4            | 9.489  | 8.308 | 33480982 | 28268151 | 505.930 | 497.593 |
| 45) L9 AR-1268-5            | 9.907  | 8.612 | 213.6E6  | 191.8E6  | 504.629 | 506.856 |
| -----                       |        |       |          |          |         |         |

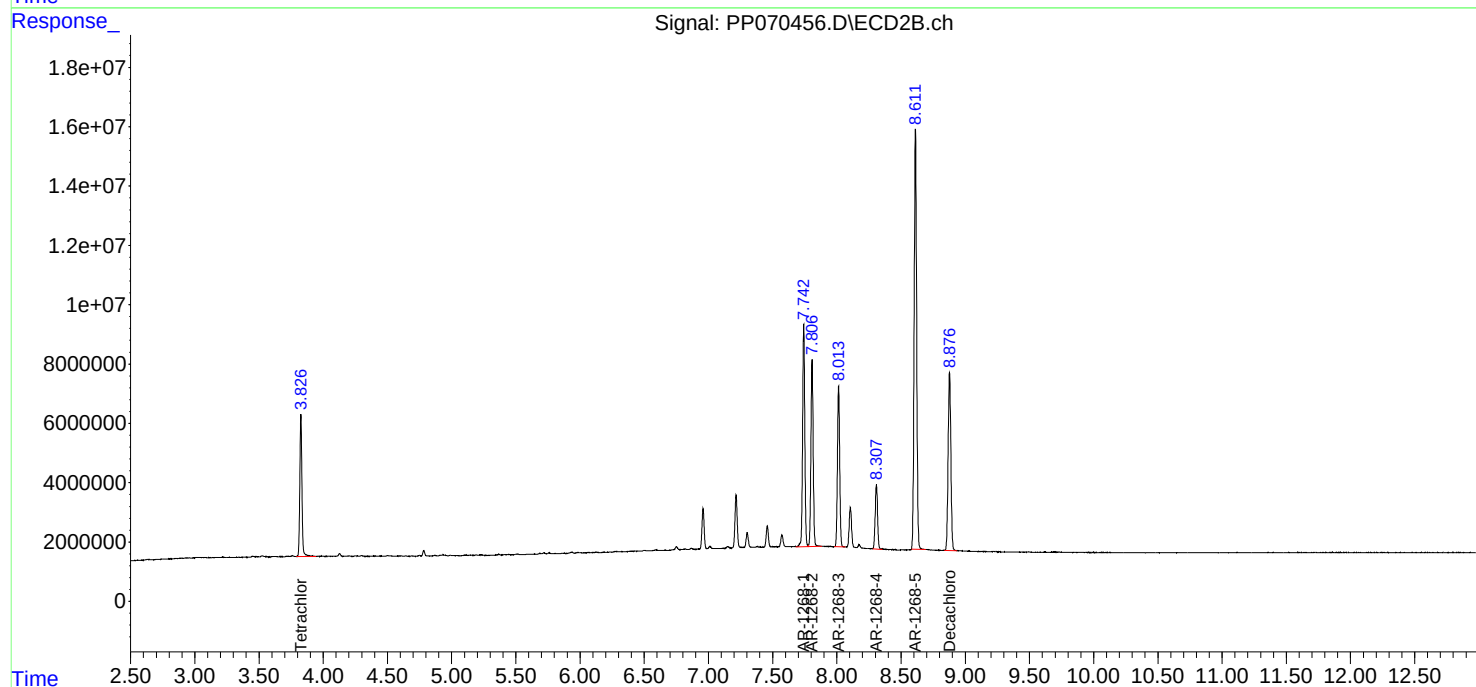
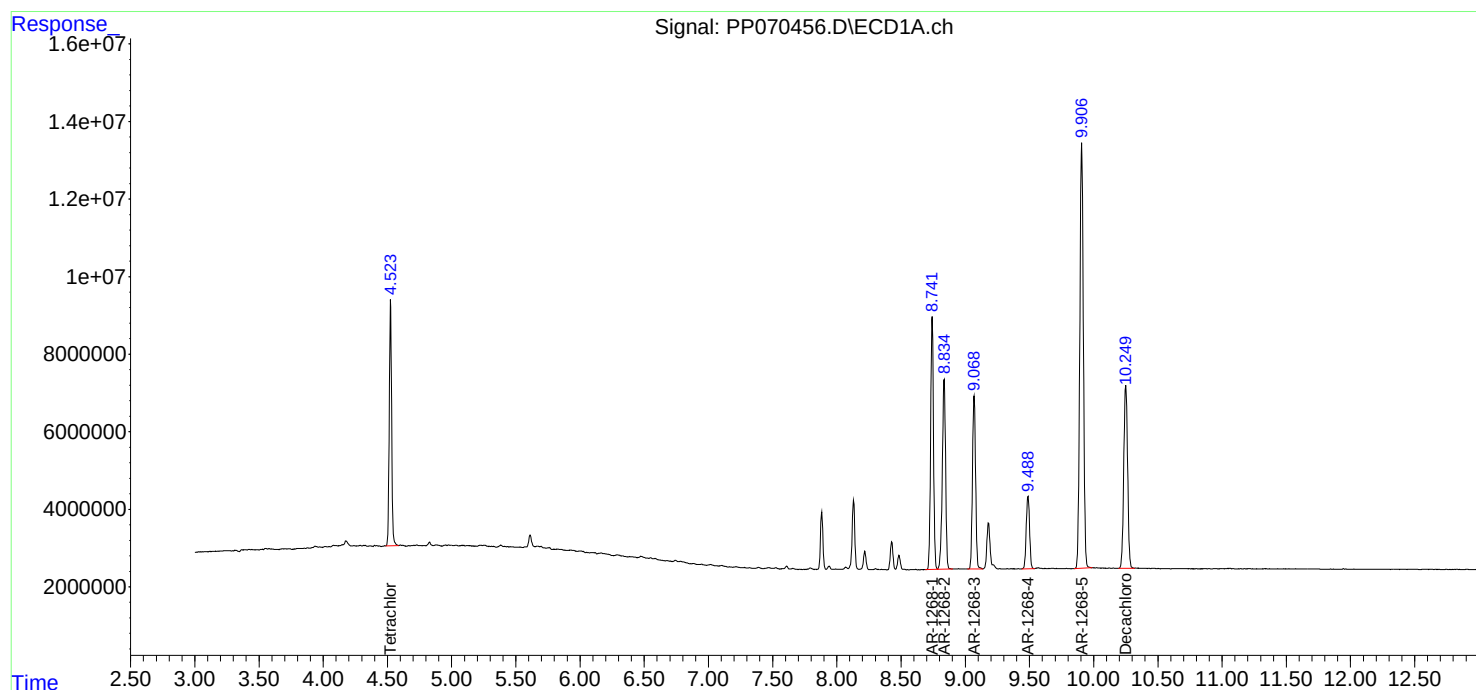
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

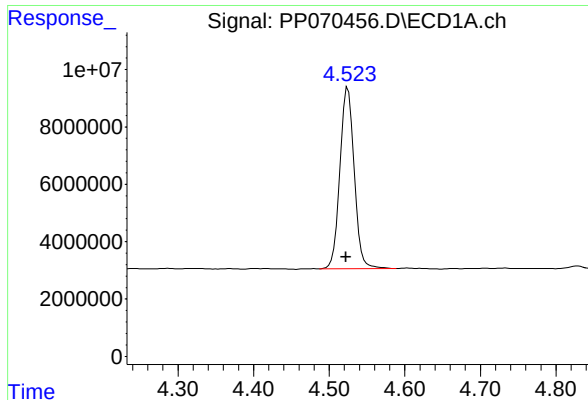
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070456.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2025 01:16  
Operator : YP\AJ  
Sample : AR1268ICV500  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1268

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 01:57:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 01:57:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

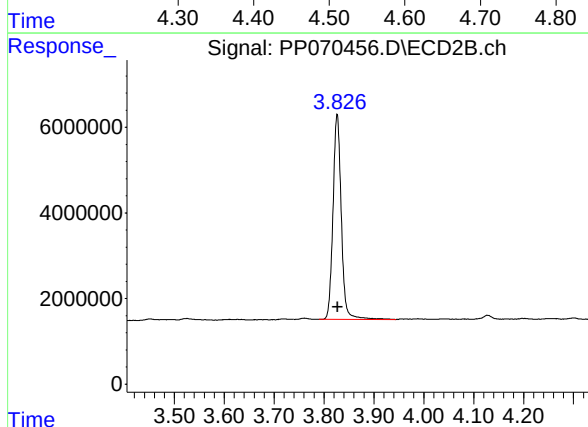




## #1 Tetrachloro-m-xylene

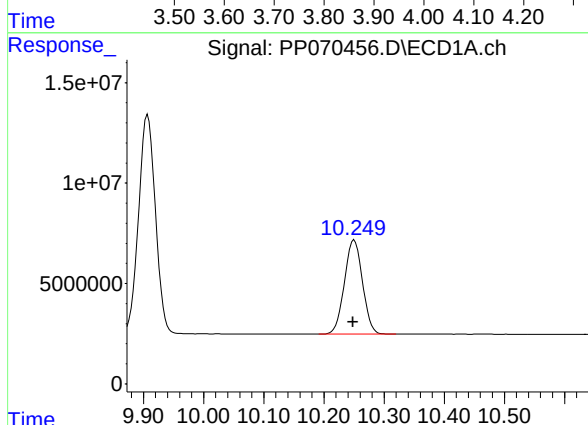
R.T.: 4.525 min  
Delta R.T.: 0.003 min  
Response: 82956019  
Conc: 50.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1268



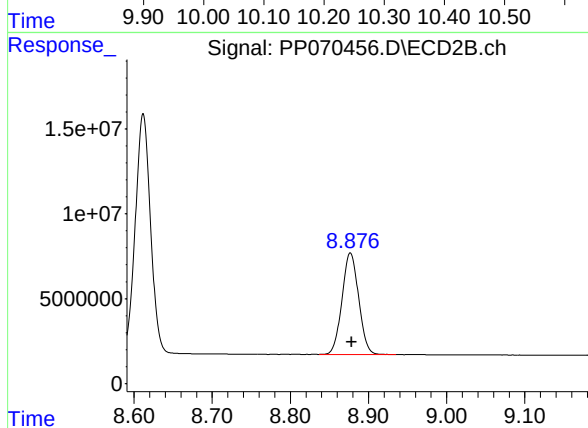
## #1 Tetrachloro-m-xylene

R.T.: 3.826 min  
Delta R.T.: 0.000 min  
Response: 55353504  
Conc: 50.19 ng/ml



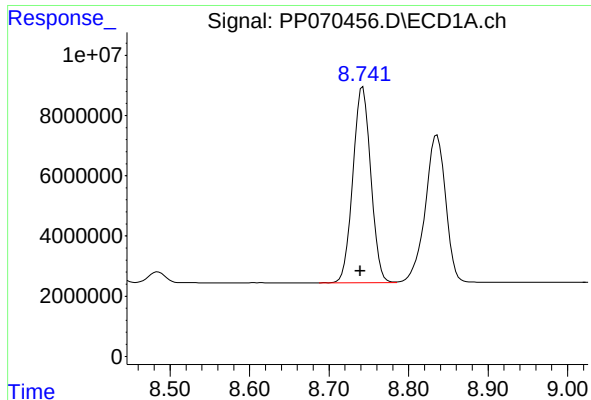
## #2 Decachlorobiphenyl

R.T.: 10.250 min  
Delta R.T.: 0.002 min  
Response: 97699870  
Conc: 50.66 ng/ml



## #2 Decachlorobiphenyl

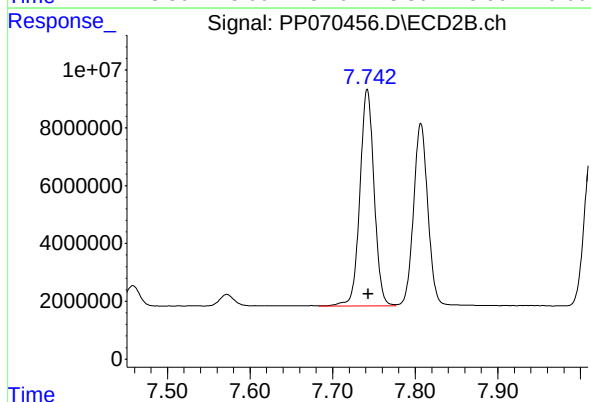
R.T.: 8.877 min  
Delta R.T.: -0.002 min  
Response: 88842686  
Conc: 50.99 ng/ml



#41 AR-1268-1

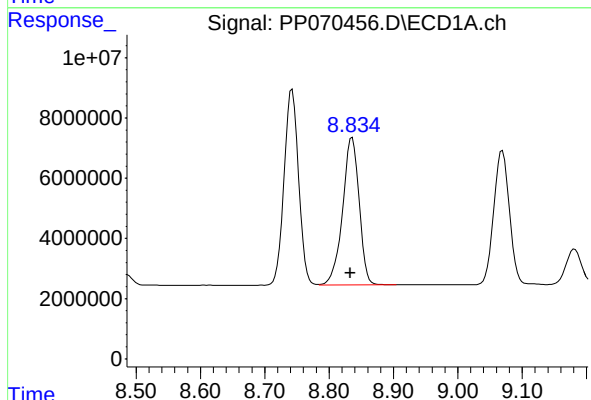
R.T.: 8.742 min  
Delta R.T.: 0.003 min  
Response: 101669370  
Conc: 504.57 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1268



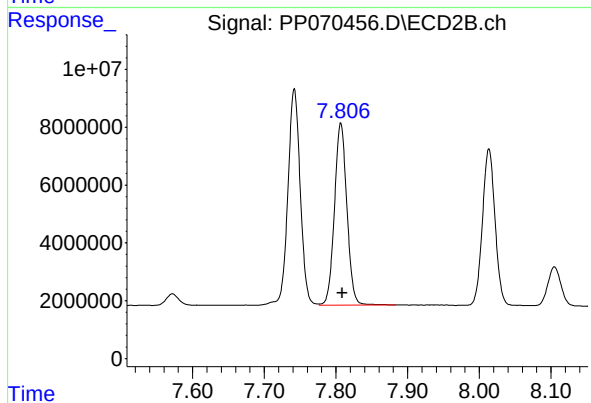
#41 AR-1268-1

R.T.: 7.742 min  
Delta R.T.: -0.001 min  
Response: 89726484  
Conc: 501.13 ng/ml



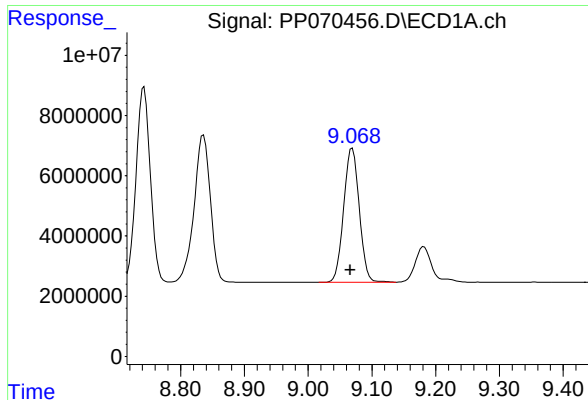
#42 AR-1268-2

R.T.: 8.836 min  
Delta R.T.: 0.002 min  
Response: 87505543  
Conc: 505.20 ng/ml



#42 AR-1268-2

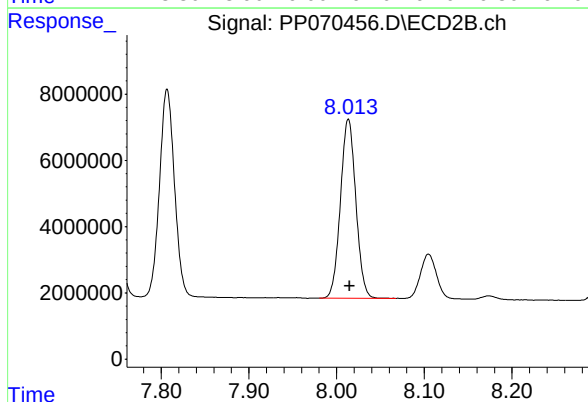
R.T.: 7.807 min  
Delta R.T.: -0.002 min  
Response: 76005918  
Conc: 507.24 ng/ml



#43 AR-1268-3

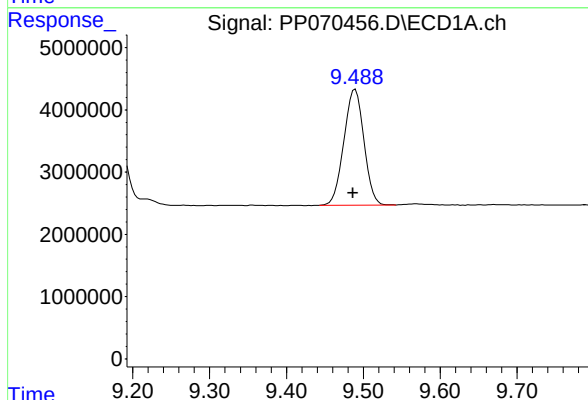
R.T.: 9.069 min  
Delta R.T.: 0.003 min  
Response: 75570485  
Conc: 504.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1268



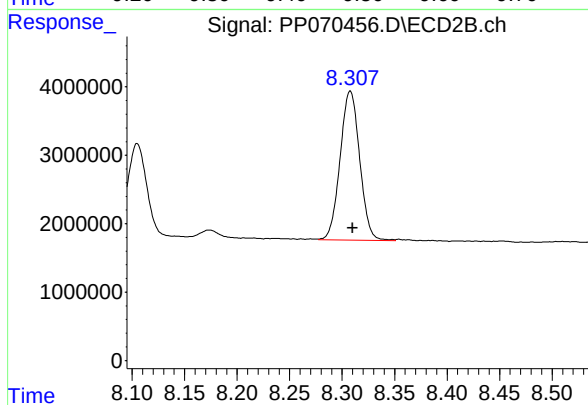
#43 AR-1268-3

R.T.: 8.013 min  
Delta R.T.: -0.002 min  
Response: 65882951  
Conc: 508.50 ng/ml



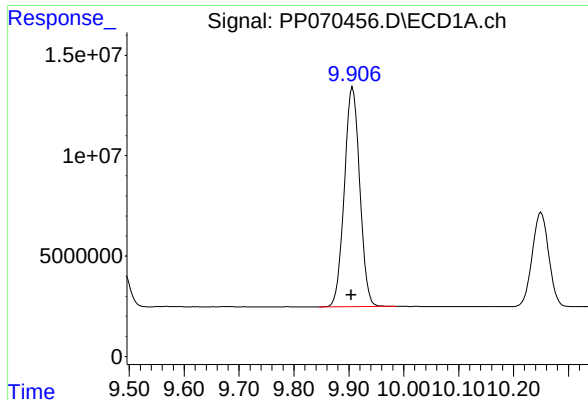
#44 AR-1268-4

R.T.: 9.489 min  
Delta R.T.: 0.003 min  
Response: 33480982  
Conc: 505.93 ng/ml



#44 AR-1268-4

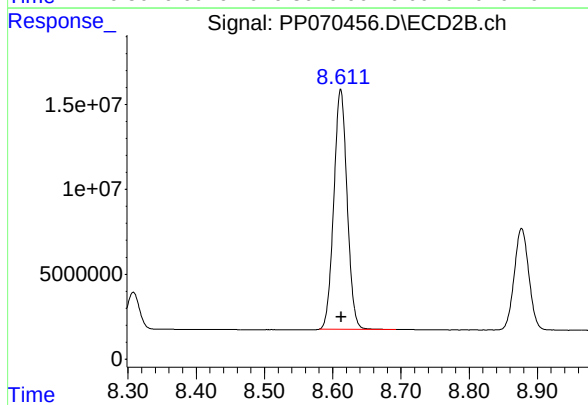
R.T.: 8.308 min  
Delta R.T.: -0.002 min  
Response: 28268151  
Conc: 497.59 ng/ml



#45 AR-1268-5

R.T.: 9.907 min  
Delta R.T.: 0.003 min  
Response: 213574982  
Conc: 504.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1268



#45 AR-1268-5

R.T.: 8.612 min  
Delta R.T.: -0.001 min  
Response: 191750380  
Conc: 506.86 ng/ml



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

### CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

Continuing Calib Date: 03/14/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 21:15 Initial Calibration Time(s): 15:13 23:38

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.68       | 5.68      | 5.58      | 5.78  | 0.00       |
| Aroclor-1016-2       | (2) | 5.70       | 5.70      | 5.60      | 5.80  | 0.00       |
| Aroclor-1016-3       | (3) | 5.76       | 5.76      | 5.66      | 5.86  | 0.00       |
| Aroclor-1016-4       | (4) | 5.86       | 5.86      | 5.76      | 5.96  | 0.00       |
| Aroclor-1016-5       | (5) | 6.15       | 6.15      | 6.05      | 6.25  | 0.00       |
| Aroclor-1260-1       | (1) | 7.27       | 7.27      | 7.17      | 7.37  | 0.00       |
| Aroclor-1260-2       | (2) | 7.52       | 7.53      | 7.43      | 7.63  | 0.01       |
| Aroclor-1260-3       | (3) | 7.88       | 7.88      | 7.78      | 7.98  | 0.00       |
| Aroclor-1260-4       | (4) | 8.11       | 8.11      | 8.01      | 8.21  | 0.01       |
| Aroclor-1260-5       | (5) | 8.43       | 8.43      | 8.33      | 8.53  | 0.00       |
| Tetrachloro-m-xylene |     | 4.53       | 4.52      | 4.42      | 4.62  | -0.01      |
| Decachlorobiphenyl   |     | 10.24      | 10.25     | 10.15     | 10.35 | 0.01       |





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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

Continuing Calib Date: 03/14/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 21:15 Initial Calibration Time(s): 15:13 23:38

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|------------------------|------|------------|
| Aroclor-1016-1       | (1) | 4.91       | 4.92      | 4.82                   | 5.02 | 0.01       |
| Aroclor-1016-2       | (2) | 4.93       | 4.94      | 4.84                   | 5.04 | 0.01       |
| Aroclor-1016-3       | (3) | 5.11       | 5.11      | 5.01                   | 5.21 | 0.00       |
| Aroclor-1016-4       | (4) | 5.15       | 5.15      | 5.05                   | 5.25 | 0.00       |
| Aroclor-1016-5       | (5) | 5.37       | 5.37      | 5.27                   | 5.47 | 0.01       |
| Aroclor-1260-1       | (1) | 6.40       | 6.41      | 6.31                   | 6.51 | 0.01       |
| Aroclor-1260-2       | (2) | 6.59       | 6.60      | 6.50                   | 6.70 | 0.01       |
| Aroclor-1260-3       | (3) | 6.74       | 6.75      | 6.65                   | 6.85 | 0.01       |
| Aroclor-1260-4       | (4) | 7.22       | 7.22      | 7.12                   | 7.32 | 0.00       |
| Aroclor-1260-5       | (5) | 7.46       | 7.46      | 7.36                   | 7.56 | 0.00       |
| Tetrachloro-m-xylene |     | 3.83       | 3.83      | 3.73                   | 3.93 | 0.00       |
| Decachlorobiphenyl   |     | 8.87       | 8.88      | 8.78                   | 8.98 | 0.01       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL01 Date Analyzed: 03/14/2025

Lab Sample No.: AR1660CCC500 Data File : PP070543.D Time Analyzed: 21:15

| COMPOUND             | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|--------|----------------------|--------|--------------------|-------------------|-------|
| Aroclor-1016-1       | 5.676  | 5.577                | 5.777  | 443.660            | 500.000           | -11.3 |
| Aroclor-1016-2       | 5.698  | 5.599                | 5.799  | 480.930            | 500.000           | -3.8  |
| Aroclor-1016-3       | 5.760  | 5.661                | 5.861  | 466.910            | 500.000           | -6.6  |
| Aroclor-1016-4       | 5.858  | 5.758                | 5.958  | 456.460            | 500.000           | -8.7  |
| Aroclor-1016-5       | 6.150  | 6.051                | 6.251  | 453.110            | 500.000           | -9.4  |
| Aroclor-1260-1       | 7.269  | 7.171                | 7.371  | 470.290            | 500.000           | -5.9  |
| Aroclor-1260-2       | 7.523  | 7.425                | 7.625  | 461.520            | 500.000           | -7.7  |
| Aroclor-1260-3       | 7.881  | 7.783                | 7.983  | 466.760            | 500.000           | -6.6  |
| Aroclor-1260-4       | 8.105  | 8.008                | 8.208  | 454.640            | 500.000           | -9.1  |
| Aroclor-1260-5       | 8.425  | 8.328                | 8.528  | 467.430            | 500.000           | -6.5  |
| Decachlorobiphenyl   | 10.243 | 10.152               | 10.352 | 46.560             | 50.000            | -6.9  |
| Tetrachloro-m-xylene | 4.525  | 4.424                | 4.624  | 46.830             | 50.000            | -6.3  |



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

### CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL01 Date Analyzed: 03/14/2025

Lab Sample No.: AR1660CCC500 Data File : PP070543.D Time Analyzed: 21:15

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 4.912 | 4.817     | 5.017 | 467.760            | 500.000           | -6.4  |
| Aroclor-1016-2       | 4.932 | 4.836     | 5.036 | 453.880            | 500.000           | -9.2  |
| Aroclor-1016-3       | 5.108 | 5.013     | 5.213 | 459.150            | 500.000           | -8.2  |
| Aroclor-1016-4       | 5.150 | 5.054     | 5.254 | 462.340            | 500.000           | -7.5  |
| Aroclor-1016-5       | 5.365 | 5.270     | 5.470 | 472.460            | 500.000           | -5.5  |
| Aroclor-1260-1       | 6.401 | 6.307     | 6.507 | 458.750            | 500.000           | -8.3  |
| Aroclor-1260-2       | 6.589 | 6.495     | 6.695 | 458.120            | 500.000           | -8.4  |
| Aroclor-1260-3       | 6.743 | 6.649     | 6.849 | 450.000            | 500.000           | -10.0 |
| Aroclor-1260-4       | 7.215 | 7.121     | 7.321 | 441.280            | 500.000           | -11.7 |
| Aroclor-1260-5       | 7.456 | 7.362     | 7.562 | 440.290            | 500.000           | -11.9 |
| Decachlorobiphenyl   | 8.871 | 8.781     | 8.981 | 41.930             | 50.000            | -16.1 |
| Tetrachloro-m-xylene | 3.826 | 3.729     | 3.929 | 48.070             | 50.000            | -3.9  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
 Data File : PP070543.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2025 21:15  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 14 23:47:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.525  | 3.826 | 72837798 | 48174998 | 46.830  | 48.065  |
| 2) SA Decachlor...          | 10.243 | 8.871 | 49463610 | 41021745 | 46.561  | 41.929  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.676  | 4.912 | 23004433 | 16817234 | 443.662 | 467.762 |
| 4) L1 AR-1016-2             | 5.698  | 4.932 | 34407759 | 23586690 | 480.926 | 453.881 |
| 5) L1 AR-1016-3             | 5.760  | 5.108 | 21262090 | 13064494 | 466.909 | 459.154 |
| 6) L1 AR-1016-4             | 5.858  | 5.150 | 17819012 | 10351658 | 456.456 | 462.336 |
| 7) L1 AR-1016-5             | 6.150  | 5.365 | 15687675 | 14041040 | 453.113 | 472.462 |
| 31) L7 AR-1260-1            | 7.269  | 6.401 | 27624243 | 22838490 | 470.294 | 458.748 |
| 32) L7 AR-1260-2            | 7.523  | 6.589 | 37864401 | 30275766 | 461.519 | 458.116 |
| 33) L7 AR-1260-3            | 7.881  | 6.743 | 30692750 | 25738947 | 466.755 | 450.002 |
| 34) L7 AR-1260-4            | 8.105  | 7.215 | 29707435 | 22577196 | 454.640 | 441.275 |
| 35) L7 AR-1260-5            | 8.425  | 7.456 | 63887192 | 56703176 | 467.430 | 440.292 |
| -----                       |        |       |          |          |         |         |

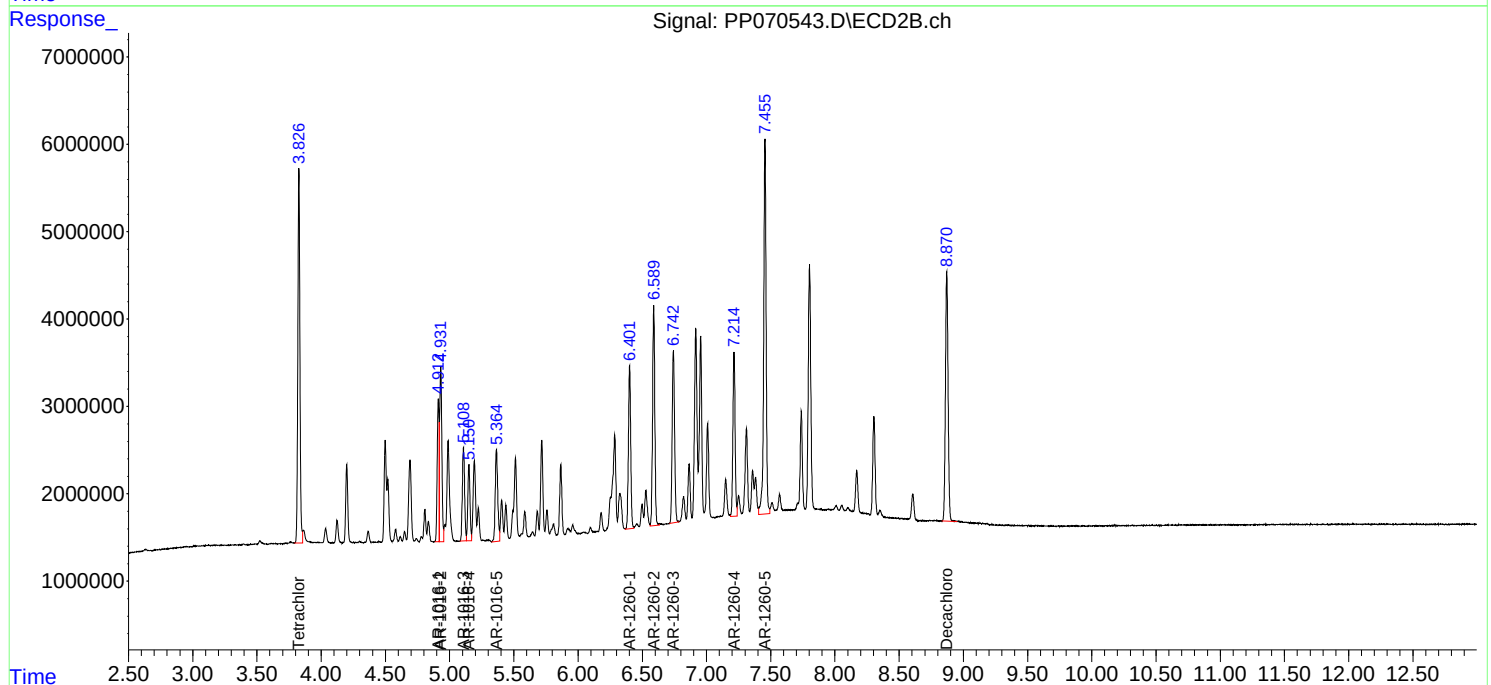
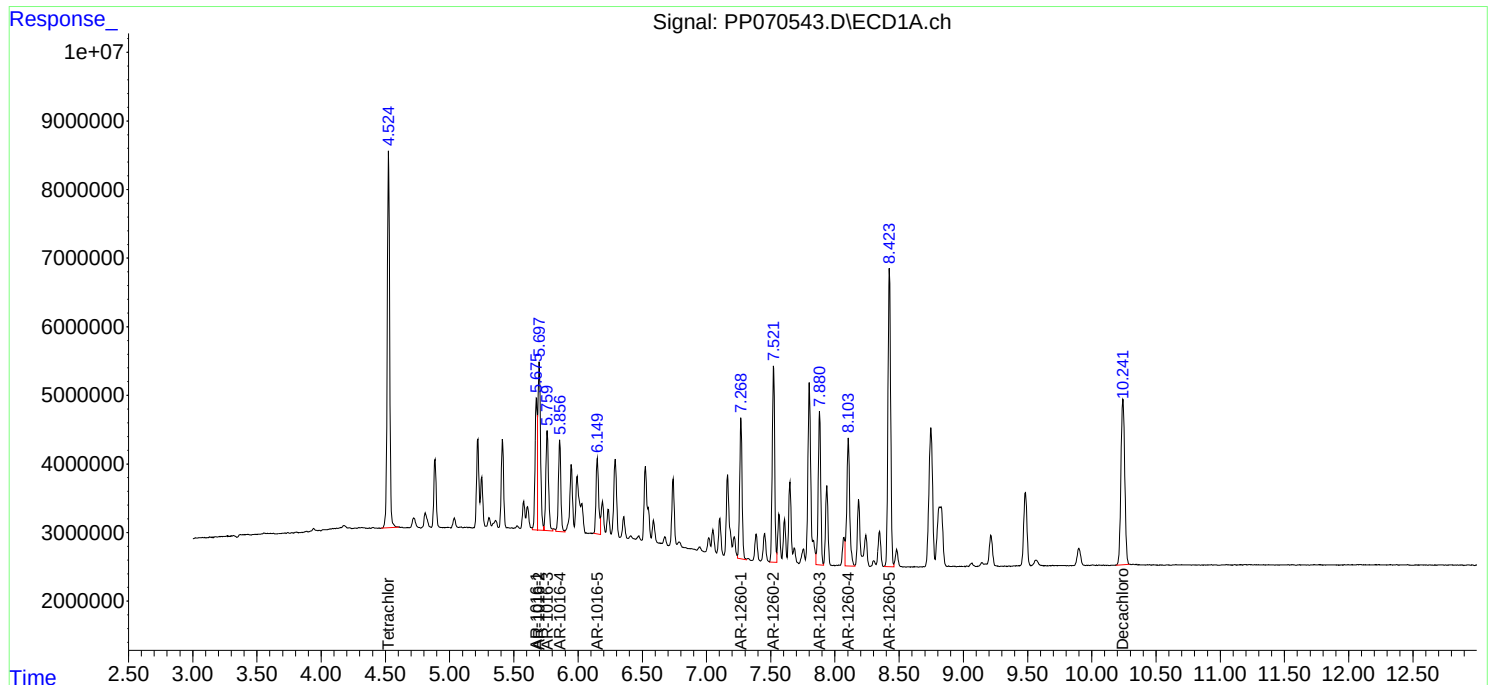
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

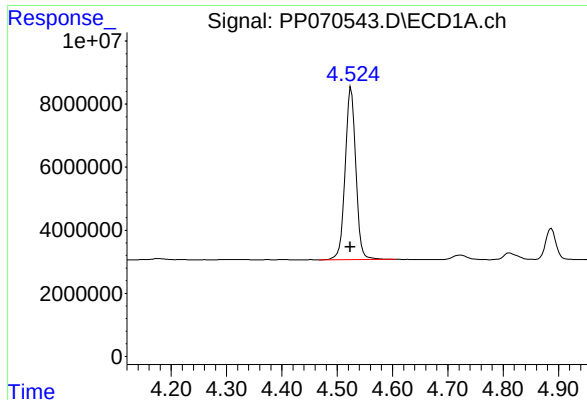
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070543.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2025 21:15  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 23:47:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

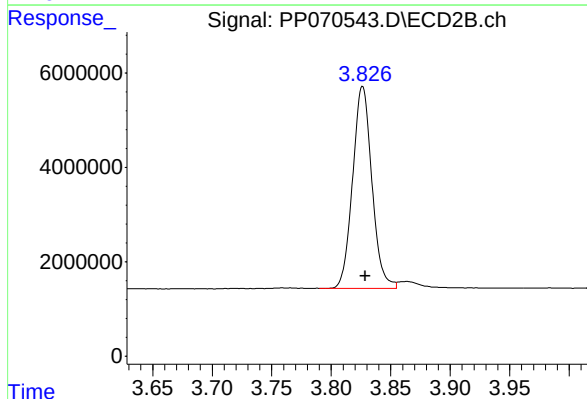




## #1 Tetrachloro-m-xylene

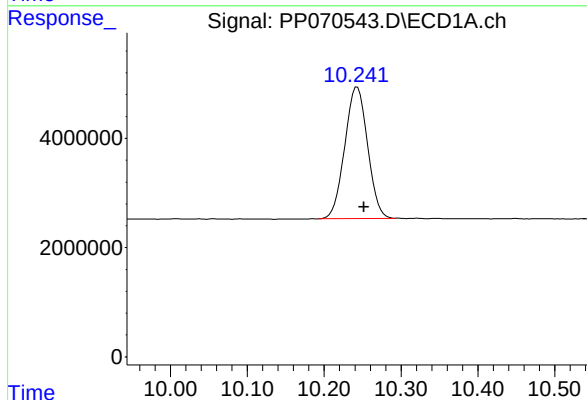
R.T.: 4.525 min  
Delta R.T.: 0.001 min  
Response: 72837798  
Conc: 46.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



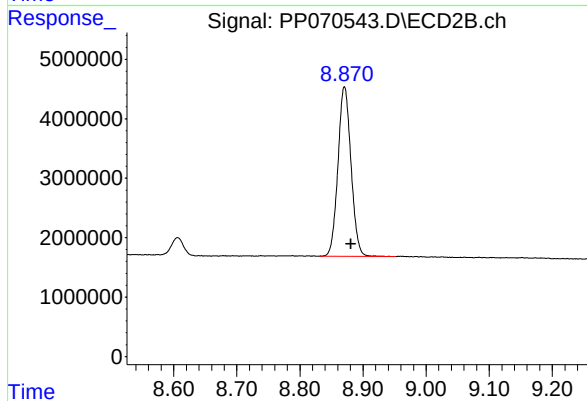
## #1 Tetrachloro-m-xylene

R.T.: 3.826 min  
Delta R.T.: -0.002 min  
Response: 48174998  
Conc: 48.07 ng/ml



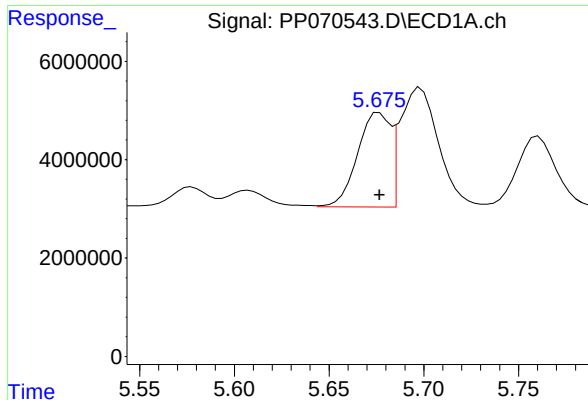
## #2 Decachlorobiphenyl

R.T.: 10.243 min  
Delta R.T.: -0.009 min  
Response: 49463610  
Conc: 46.56 ng/ml



## #2 Decachlorobiphenyl

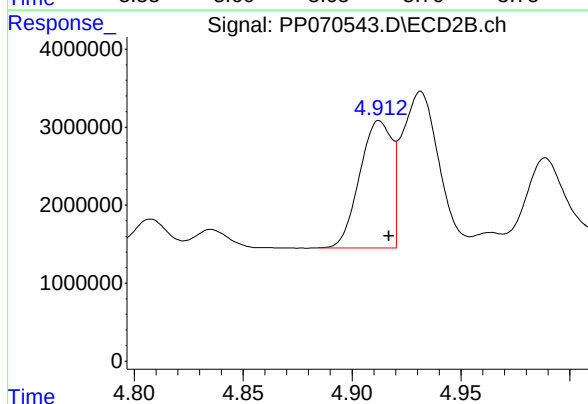
R.T.: 8.871 min  
Delta R.T.: -0.010 min  
Response: 41021745  
Conc: 41.93 ng/ml



#3 AR-1016-1

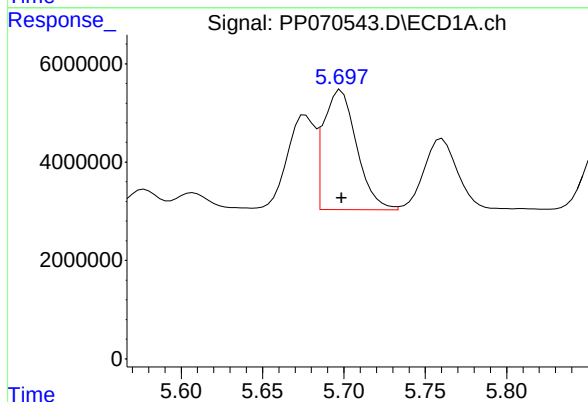
R.T.: 5.676 min  
Delta R.T.: 0.000 min  
Response: 23004433  
Conc: 443.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



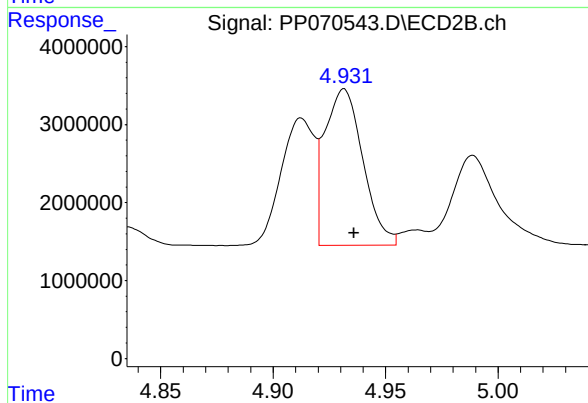
#3 AR-1016-1

R.T.: 4.912 min  
Delta R.T.: -0.004 min  
Response: 16817234  
Conc: 467.76 ng/ml



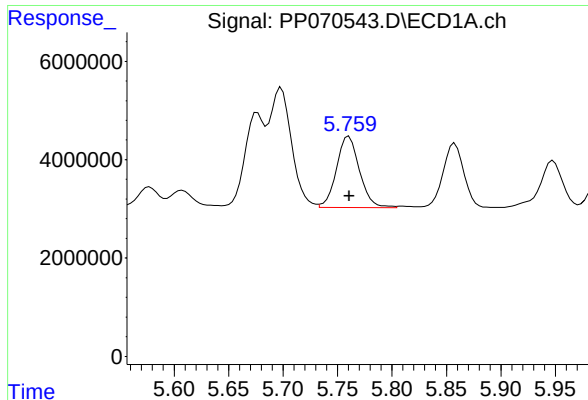
#4 AR-1016-2

R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 34407759  
Conc: 480.93 ng/ml



#4 AR-1016-2

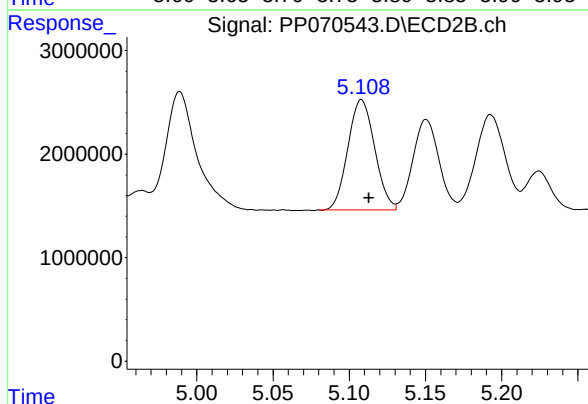
R.T.: 4.932 min  
Delta R.T.: -0.004 min  
Response: 23586690  
Conc: 453.88 ng/ml



#5 AR-1016-3

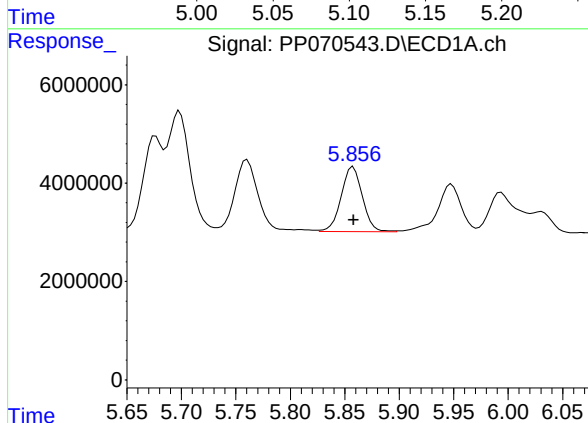
R.T.: 5.760 min  
Delta R.T.: 0.000 min  
Response: 21262090  
Conc: 466.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



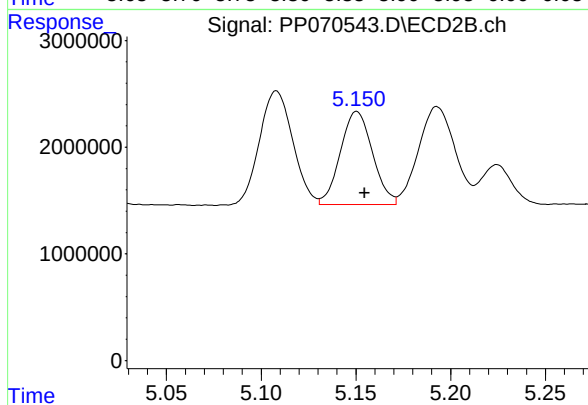
#5 AR-1016-3

R.T.: 5.108 min  
Delta R.T.: -0.005 min  
Response: 13064494  
Conc: 459.15 ng/ml



#6 AR-1016-4

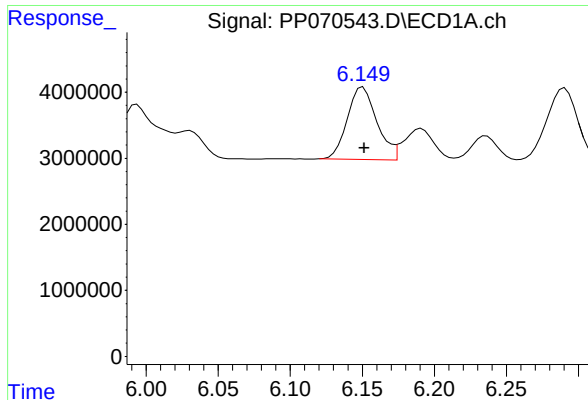
R.T.: 5.858 min  
Delta R.T.: 0.000 min  
Response: 17819012  
Conc: 456.46 ng/ml



#6 AR-1016-4

R.T.: 5.150 min  
Delta R.T.: -0.004 min  
Response: 10351658  
Conc: 462.34 ng/ml

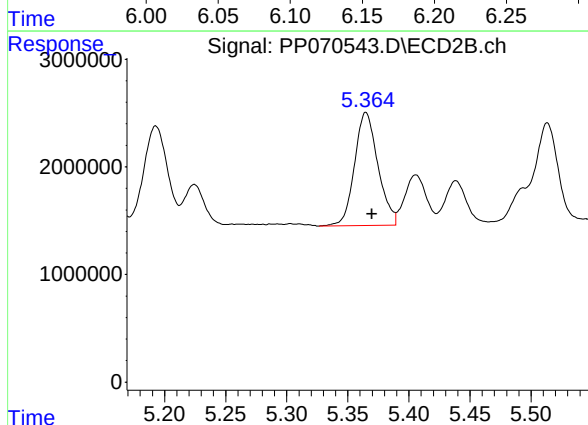




#7 AR-1016-5

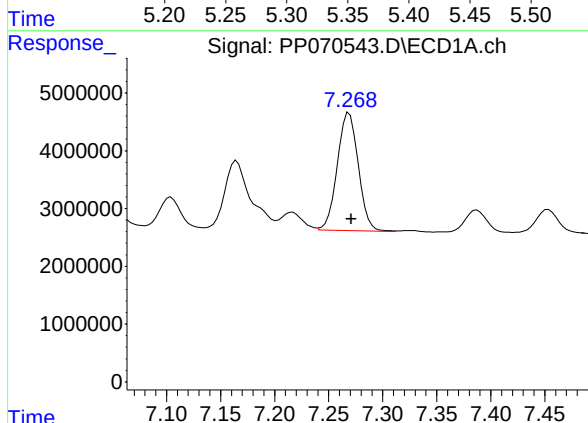
R.T.: 6.150 min  
Delta R.T.: -0.001 min  
Response: 15687675  
Conc: 453.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



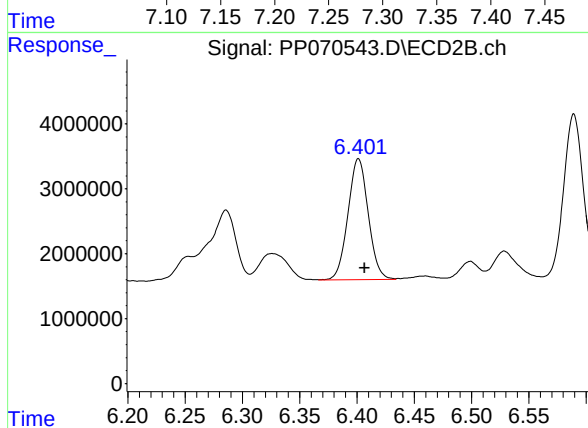
#7 AR-1016-5

R.T.: 5.365 min  
Delta R.T.: -0.005 min  
Response: 14041040  
Conc: 472.46 ng/ml



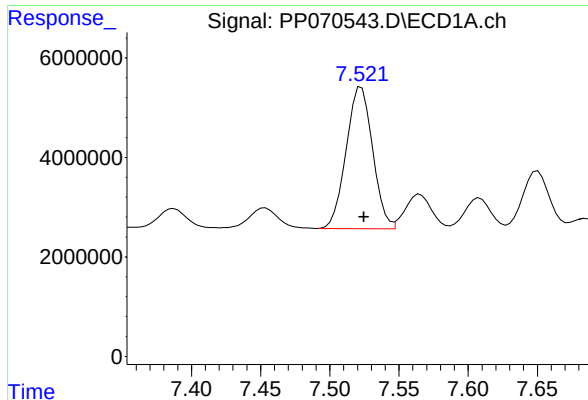
#31 AR-1260-1

R.T.: 7.269 min  
Delta R.T.: -0.002 min  
Response: 27624243  
Conc: 470.29 ng/ml



#31 AR-1260-1

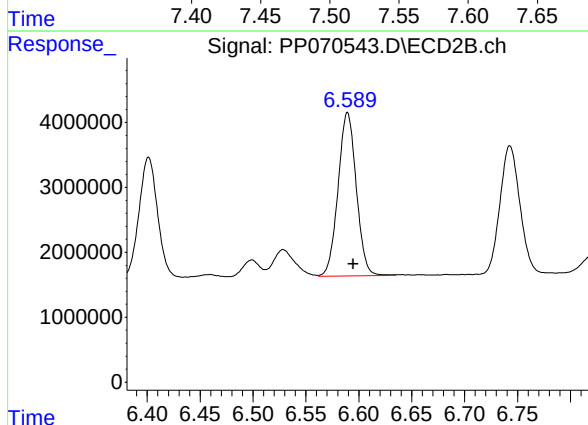
R.T.: 6.401 min  
Delta R.T.: -0.005 min  
Response: 22838490  
Conc: 458.75 ng/ml



#32 AR-1260-2

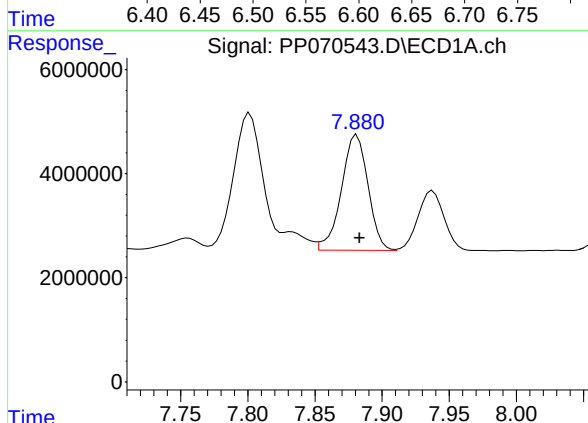
R.T.: 7.523 min  
Delta R.T.: -0.002 min  
Response: 37864401  
Conc: 461.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



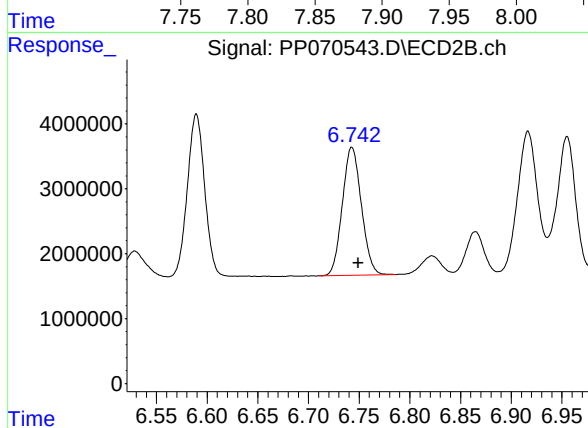
#32 AR-1260-2

R.T.: 6.589 min  
Delta R.T.: -0.006 min  
Response: 30275766  
Conc: 458.12 ng/ml



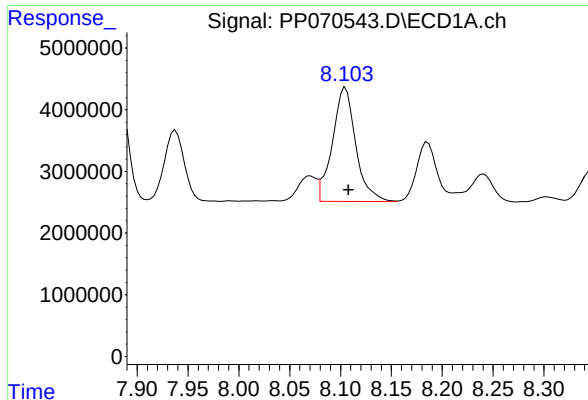
#33 AR-1260-3

R.T.: 7.881 min  
Delta R.T.: -0.002 min  
Response: 30692750  
Conc: 466.76 ng/ml



#33 AR-1260-3

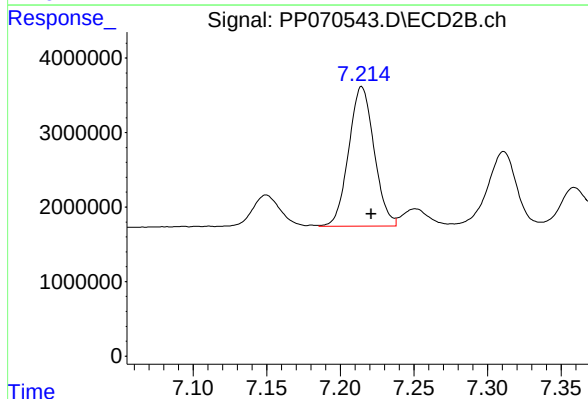
R.T.: 6.743 min  
Delta R.T.: -0.006 min  
Response: 25738947  
Conc: 450.00 ng/ml



#34 AR-1260-4

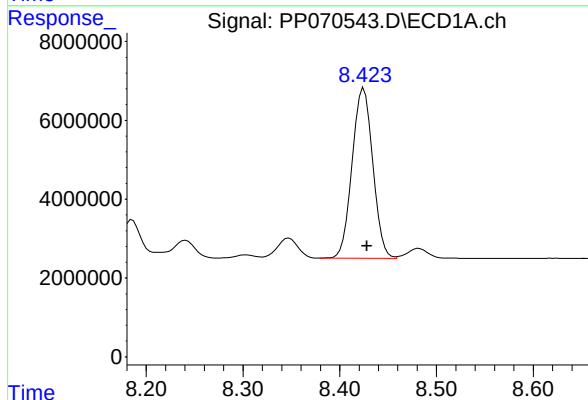
R.T.: 8.105 min  
Delta R.T.: -0.003 min  
Response: 29707435  
Conc: 454.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



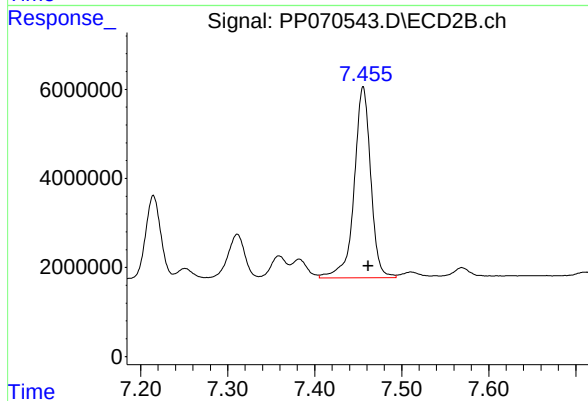
#34 AR-1260-4

R.T.: 7.215 min  
Delta R.T.: -0.007 min  
Response: 22577196  
Conc: 441.28 ng/ml



#35 AR-1260-5

R.T.: 8.425 min  
Delta R.T.: -0.004 min  
Response: 63887192  
Conc: 467.43 ng/ml



#35 AR-1260-5

R.T.: 7.456 min  
Delta R.T.: -0.006 min  
Response: 56703176  
Conc: 440.29 ng/ml



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

### CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

Continuing Calib Date: 03/15/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 01:51 Initial Calibration Time(s): 15:13 23:38

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.68       | 5.68      | 5.58      | 5.78  | 0.00       |
| Aroclor-1016-2       | (2) | 5.70       | 5.70      | 5.60      | 5.80  | 0.00       |
| Aroclor-1016-3       | (3) | 5.76       | 5.76      | 5.66      | 5.86  | 0.00       |
| Aroclor-1016-4       | (4) | 5.86       | 5.86      | 5.76      | 5.96  | 0.00       |
| Aroclor-1016-5       | (5) | 6.15       | 6.15      | 6.05      | 6.25  | 0.00       |
| Aroclor-1260-1       | (1) | 7.27       | 7.27      | 7.17      | 7.37  | 0.00       |
| Aroclor-1260-2       | (2) | 7.52       | 7.53      | 7.43      | 7.63  | 0.01       |
| Aroclor-1260-3       | (3) | 7.88       | 7.88      | 7.78      | 7.98  | 0.00       |
| Aroclor-1260-4       | (4) | 8.10       | 8.11      | 8.01      | 8.21  | 0.01       |
| Aroclor-1260-5       | (5) | 8.42       | 8.43      | 8.33      | 8.53  | 0.01       |
| Tetrachloro-m-xylene |     | 4.52       | 4.52      | 4.42      | 4.62  | 0.00       |
| Decachlorobiphenyl   |     | 10.24      | 10.25     | 10.15     | 10.35 | 0.01       |



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

Continuing Calib Date: 03/15/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 01:51 Initial Calibration Time(s): 15:13 23:38

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.91       | 4.92      | 4.82      | 5.02 | 0.01       |
| Aroclor-1016-2       | (2) | 4.93       | 4.94      | 4.84      | 5.04 | 0.01       |
| Aroclor-1016-3       | (3) | 5.11       | 5.11      | 5.01      | 5.21 | 0.00       |
| Aroclor-1016-4       | (4) | 5.15       | 5.15      | 5.05      | 5.25 | 0.00       |
| Aroclor-1016-5       | (5) | 5.36       | 5.37      | 5.27      | 5.47 | 0.01       |
| Aroclor-1260-1       | (1) | 6.40       | 6.41      | 6.31      | 6.51 | 0.01       |
| Aroclor-1260-2       | (2) | 6.59       | 6.60      | 6.50      | 6.70 | 0.01       |
| Aroclor-1260-3       | (3) | 6.74       | 6.75      | 6.65      | 6.85 | 0.01       |
| Aroclor-1260-4       | (4) | 7.21       | 7.22      | 7.12      | 7.32 | 0.01       |
| Aroclor-1260-5       | (5) | 7.45       | 7.46      | 7.36      | 7.56 | 0.01       |
| Tetrachloro-m-xylene |     | 3.83       | 3.83      | 3.73      | 3.93 | 0.00       |
| Decachlorobiphenyl   |     | 8.87       | 8.88      | 8.78      | 8.98 | 0.01       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL02 Date Analyzed: 03/15/2025

Lab Sample No.: AR1660CCC500 Data File : PP070558.D Time Analyzed: 01:51

| COMPOUND             | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|----------------------|--------|--------------------|-------------------|------|
| Aroclor-1016-1       | 5.675  | 5.577                | 5.777  | 457.150            | 500.000           | -8.6 |
| Aroclor-1016-2       | 5.697  | 5.599                | 5.799  | 495.200            | 500.000           | -1.0 |
| Aroclor-1016-3       | 5.759  | 5.661                | 5.861  | 478.090            | 500.000           | -4.4 |
| Aroclor-1016-4       | 5.856  | 5.758                | 5.958  | 468.080            | 500.000           | -6.4 |
| Aroclor-1016-5       | 6.149  | 6.051                | 6.251  | 469.590            | 500.000           | -6.1 |
| Aroclor-1260-1       | 7.267  | 7.171                | 7.371  | 498.380            | 500.000           | -0.3 |
| Aroclor-1260-2       | 7.520  | 7.425                | 7.625  | 477.820            | 500.000           | -4.4 |
| Aroclor-1260-3       | 7.879  | 7.783                | 7.983  | 476.270            | 500.000           | -4.7 |
| Aroclor-1260-4       | 8.103  | 8.008                | 8.208  | 464.610            | 500.000           | -7.1 |
| Aroclor-1260-5       | 8.423  | 8.328                | 8.528  | 479.710            | 500.000           | -4.1 |
| Decachlorobiphenyl   | 10.241 | 10.152               | 10.352 | 47.630             | 50.000            | -4.7 |
| Tetrachloro-m-xylene | 4.524  | 4.424                | 4.624  | 48.060             | 50.000            | -3.9 |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL02 Date Analyzed: 03/15/2025

Lab Sample No.: AR1660CCC500 Data File : PP070558.D Time Analyzed: 01:51

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.912 | 4.817     | 5.017 | 500.790            | 500.000           | 0.2  |
| Aroclor-1016-2       | 4.930 | 4.836     | 5.036 | 484.340            | 500.000           | -3.1 |
| Aroclor-1016-3       | 5.108 | 5.013     | 5.213 | 493.000            | 500.000           | -1.4 |
| Aroclor-1016-4       | 5.149 | 5.054     | 5.254 | 494.170            | 500.000           | -1.2 |
| Aroclor-1016-5       | 5.364 | 5.270     | 5.470 | 521.050            | 500.000           | 4.2  |
| Aroclor-1260-1       | 6.400 | 6.307     | 6.507 | 477.160            | 500.000           | -4.6 |
| Aroclor-1260-2       | 6.588 | 6.495     | 6.695 | 473.000            | 500.000           | -5.4 |
| Aroclor-1260-3       | 6.742 | 6.649     | 6.849 | 465.110            | 500.000           | -7.0 |
| Aroclor-1260-4       | 7.213 | 7.121     | 7.321 | 453.670            | 500.000           | -9.3 |
| Aroclor-1260-5       | 7.454 | 7.362     | 7.562 | 455.190            | 500.000           | -9.0 |
| Decachlorobiphenyl   | 8.871 | 8.781     | 8.981 | 46.060             | 50.000            | -7.9 |
| Tetrachloro-m-xylene | 3.826 | 3.729     | 3.929 | 48.770             | 50.000            | -2.5 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
 Data File : PP070558.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Mar 2025 01:51  
 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: Mar 15 02:31:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.524  | 3.826 | 74756241 | 48883903 | 48.063  | 48.773  |
| 2) SA Decachlor...          | 10.241 | 8.871 | 50596537 | 45061865 | 47.627  | 46.059  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.675  | 4.912 | 23703888 | 18004636 | 457.152 | 500.789 |
| 4) L1 AR-1016-2             | 5.697  | 4.930 | 35429053 | 25169506 | 495.201 | 484.339 |
| 5) L1 AR-1016-3             | 5.759  | 5.108 | 21771400 | 14027474 | 478.094 | 492.998 |
| 6) L1 AR-1016-4             | 5.856  | 5.149 | 18272721 | 11064426 | 468.078 | 494.170 |
| 7) L1 AR-1016-5             | 6.149  | 5.364 | 16258237 | 15485105 | 469.592 | 521.053 |
| 31) L7 AR-1260-1            | 7.267  | 6.400 | 29274222 | 23755351 | 498.385 | 477.165 |
| 32) L7 AR-1260-2            | 7.520  | 6.588 | 39202114 | 31259651 | 477.824 | 473.004 |
| 33) L7 AR-1260-3            | 7.879  | 6.742 | 31318736 | 26603333 | 476.275 | 465.115 |
| 34) L7 AR-1260-4            | 8.103  | 7.213 | 30358624 | 23211275 | 464.606 | 453.668 |
| 35) L7 AR-1260-5            | 8.423  | 7.454 | 65565497 | 58621260 | 479.709 | 455.186 |
| -----                       |        |       |          |          |         |         |

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

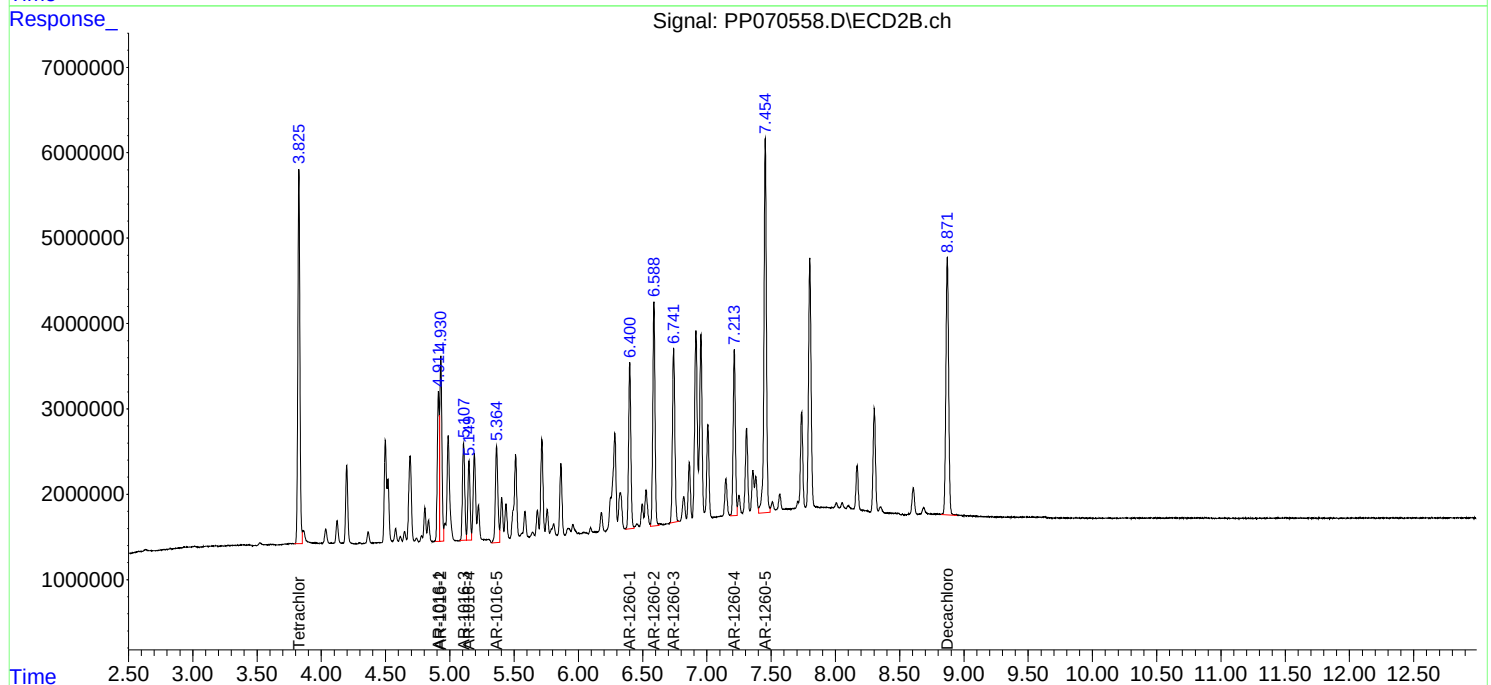
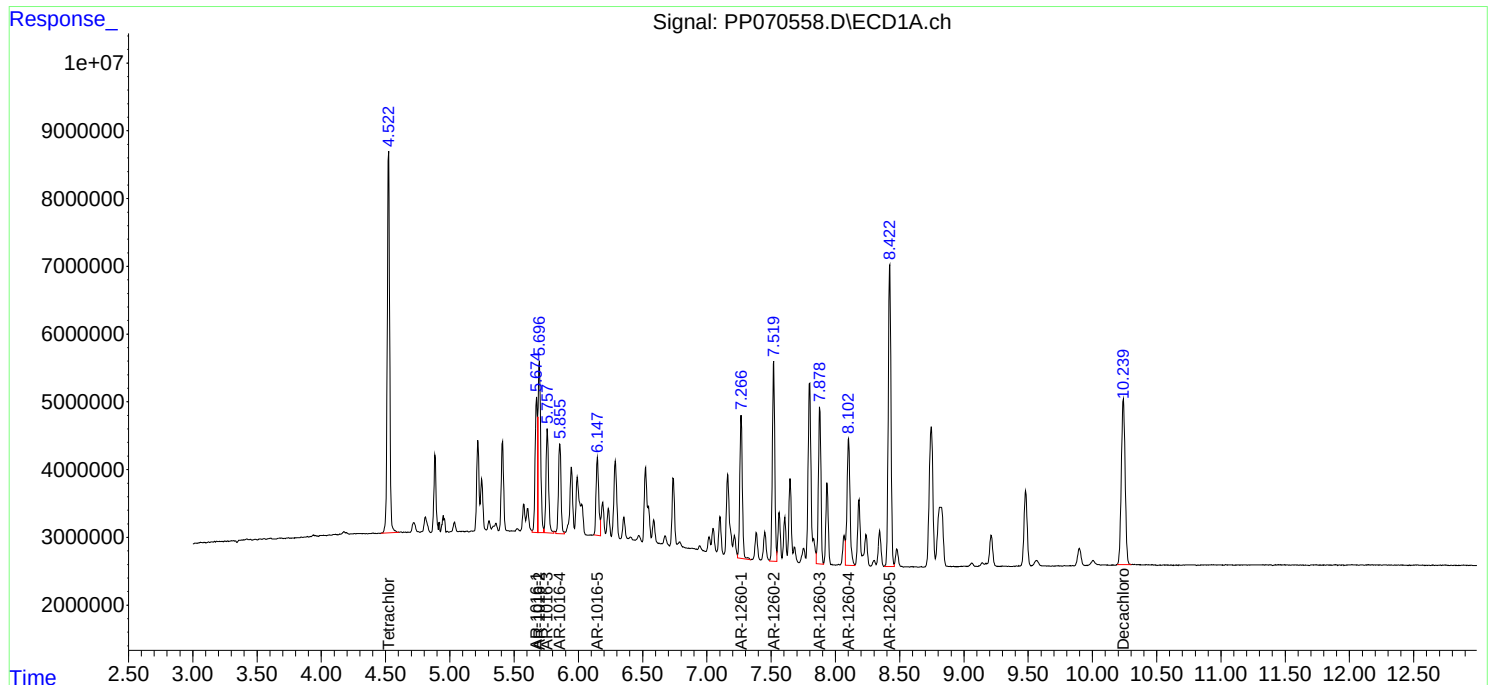


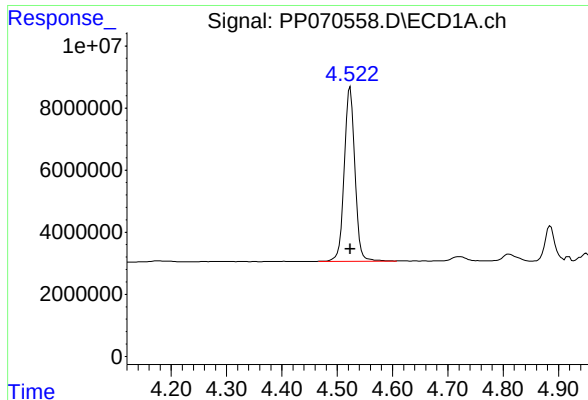
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070558.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2025 01:51  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 02:31:26 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

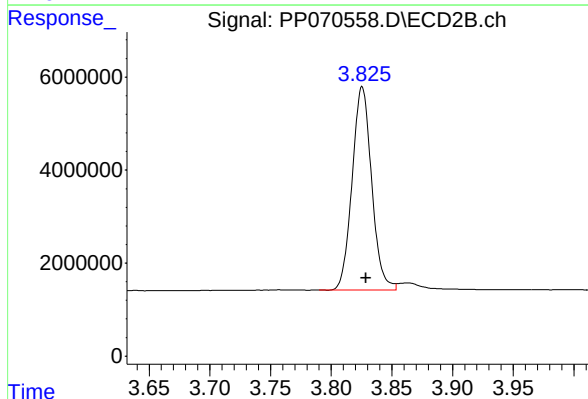




## #1 Tetrachloro-m-xylene

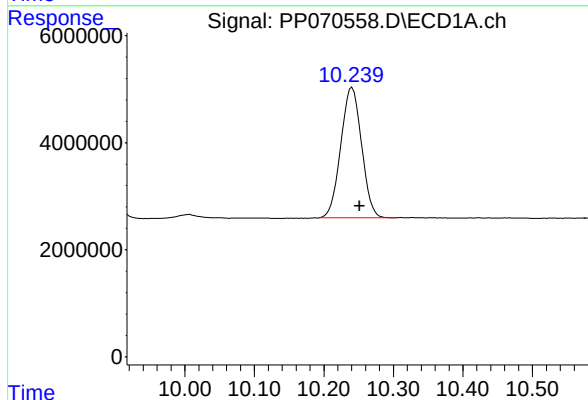
R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 74756241  
Conc: 48.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



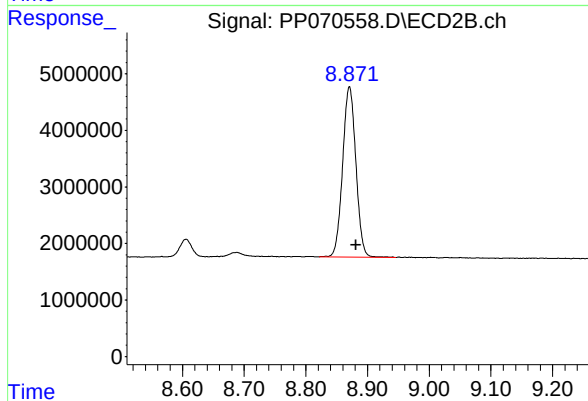
## #1 Tetrachloro-m-xylene

R.T.: 3.826 min  
Delta R.T.: -0.003 min  
Response: 48883903  
Conc: 48.77 ng/ml



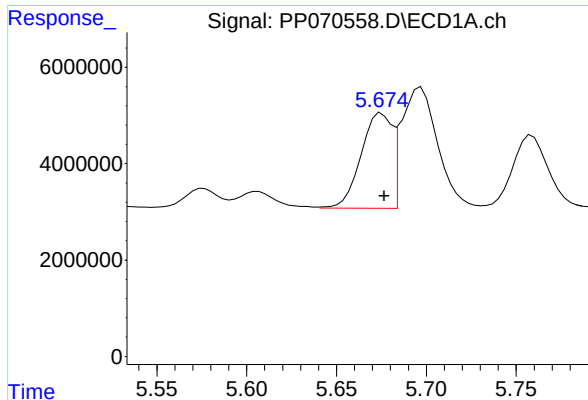
## #2 Decachlorobiphenyl

R.T.: 10.241 min  
Delta R.T.: -0.011 min  
Response: 50596537  
Conc: 47.63 ng/ml



## #2 Decachlorobiphenyl

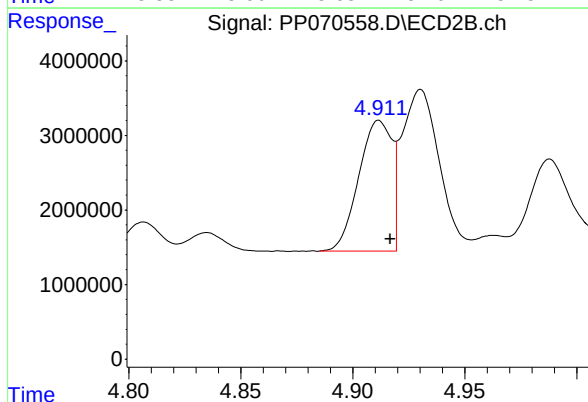
R.T.: 8.871 min  
Delta R.T.: -0.010 min  
Response: 45061865  
Conc: 46.06 ng/ml



#3 AR-1016-1

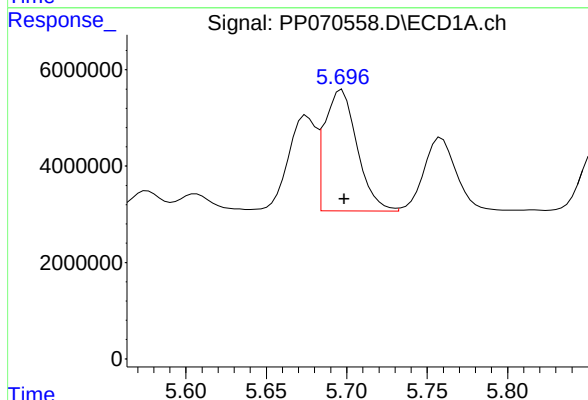
R.T.: 5.675 min  
Delta R.T.: -0.001 min  
Response: 23703888  
Conc: 457.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



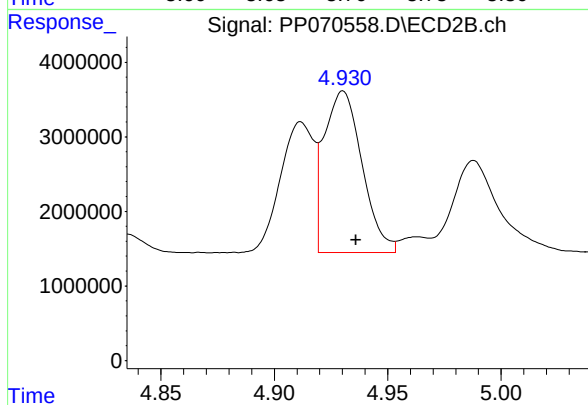
#3 AR-1016-1

R.T.: 4.912 min  
Delta R.T.: -0.005 min  
Response: 18004636  
Conc: 500.79 ng/ml



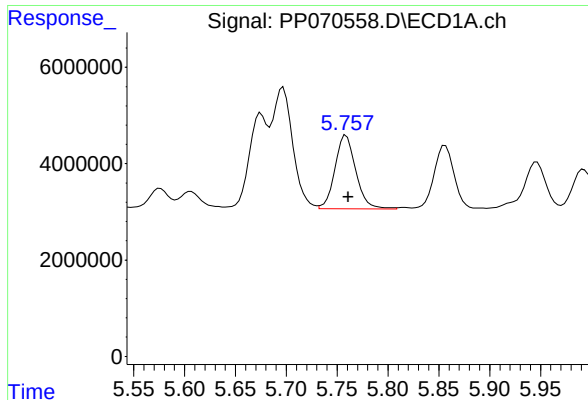
#4 AR-1016-2

R.T.: 5.697 min  
Delta R.T.: -0.002 min  
Response: 35429053  
Conc: 495.20 ng/ml



#4 AR-1016-2

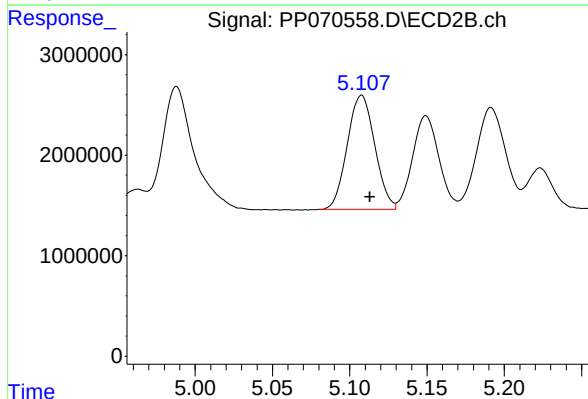
R.T.: 4.930 min  
Delta R.T.: -0.006 min  
Response: 25169506  
Conc: 484.34 ng/ml



#5 AR-1016-3

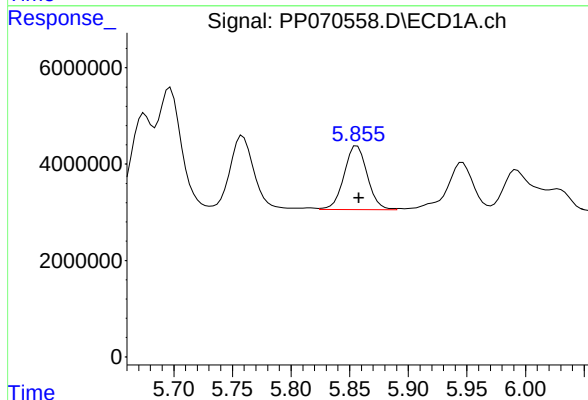
R.T.: 5.759 min  
Delta R.T.: -0.002 min  
Response: 21771400  
Conc: 478.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



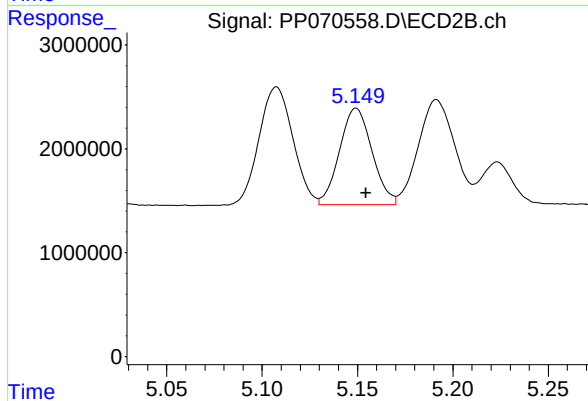
#5 AR-1016-3

R.T.: 5.108 min  
Delta R.T.: -0.005 min  
Response: 14027474  
Conc: 493.00 ng/ml



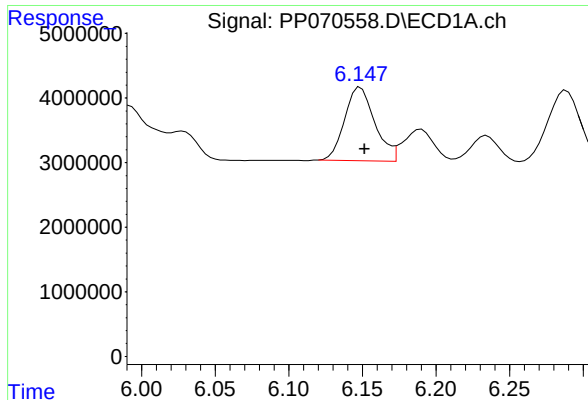
#6 AR-1016-4

R.T.: 5.856 min  
Delta R.T.: -0.002 min  
Response: 18272721  
Conc: 468.08 ng/ml



#6 AR-1016-4

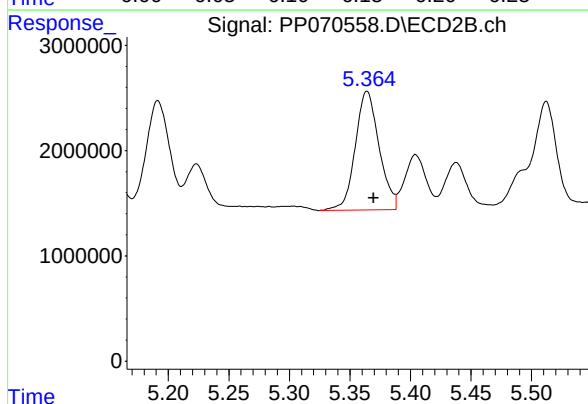
R.T.: 5.149 min  
Delta R.T.: -0.005 min  
Response: 11064426  
Conc: 494.17 ng/ml



#7 AR-1016-5

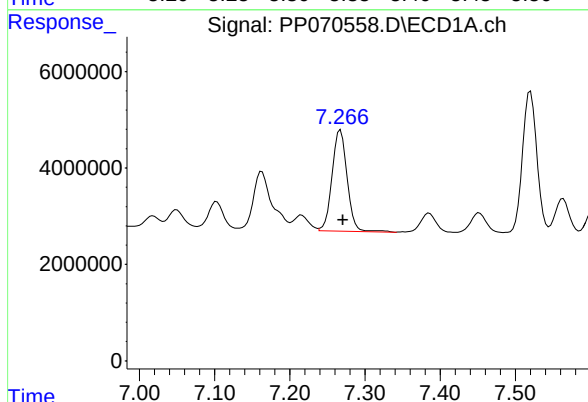
R.T.: 6.149 min  
Delta R.T.: -0.003 min  
Response: 16258237  
Conc: 469.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



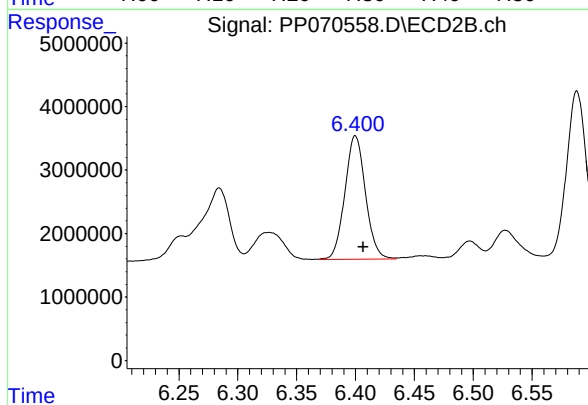
#7 AR-1016-5

R.T.: 5.364 min  
Delta R.T.: -0.005 min  
Response: 15485105  
Conc: 521.05 ng/ml



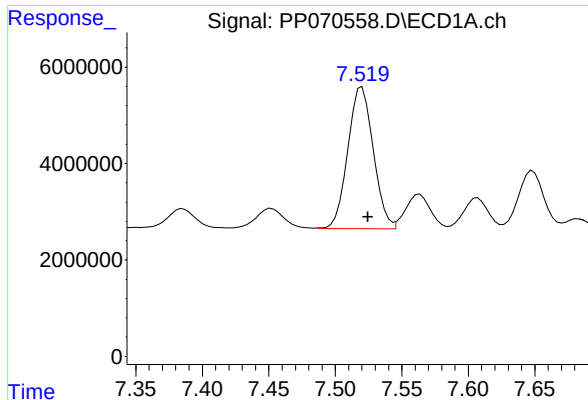
#31 AR-1260-1

R.T.: 7.267 min  
Delta R.T.: -0.004 min  
Response: 29274222  
Conc: 498.38 ng/ml



#31 AR-1260-1

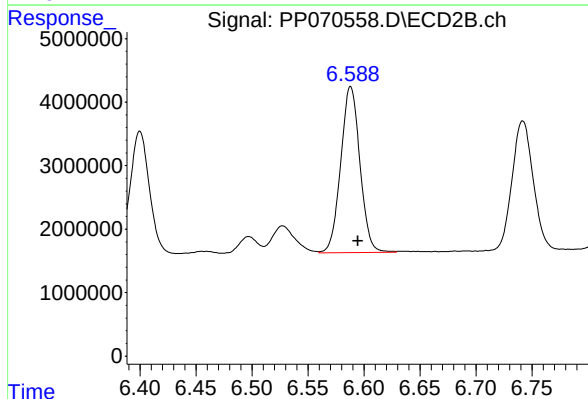
R.T.: 6.400 min  
Delta R.T.: -0.007 min  
Response: 23755351  
Conc: 477.16 ng/ml



#32 AR-1260-2

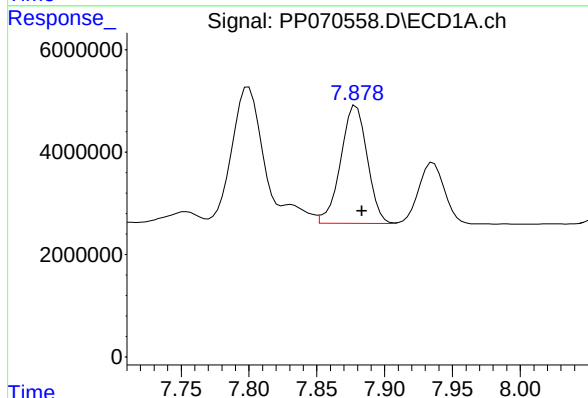
R.T.: 7.520 min  
Delta R.T.: -0.005 min  
Response: 39202114  
Conc: 477.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



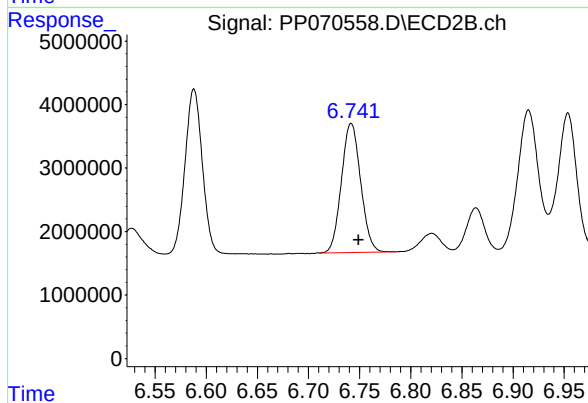
#32 AR-1260-2

R.T.: 6.588 min  
Delta R.T.: -0.007 min  
Response: 31259651  
Conc: 473.00 ng/ml



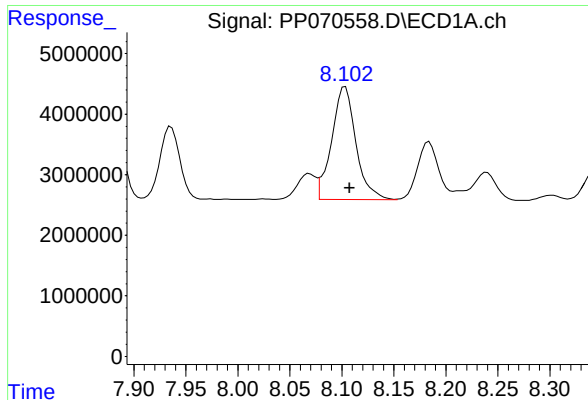
#33 AR-1260-3

R.T.: 7.879 min  
Delta R.T.: -0.004 min  
Response: 31318736  
Conc: 476.27 ng/ml



#33 AR-1260-3

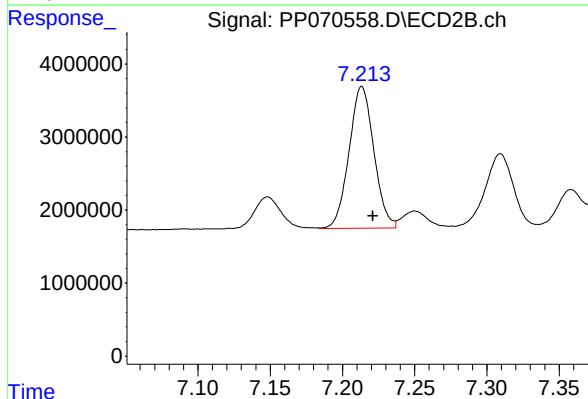
R.T.: 6.742 min  
Delta R.T.: -0.007 min  
Response: 26603333  
Conc: 465.11 ng/ml



#34 AR-1260-4

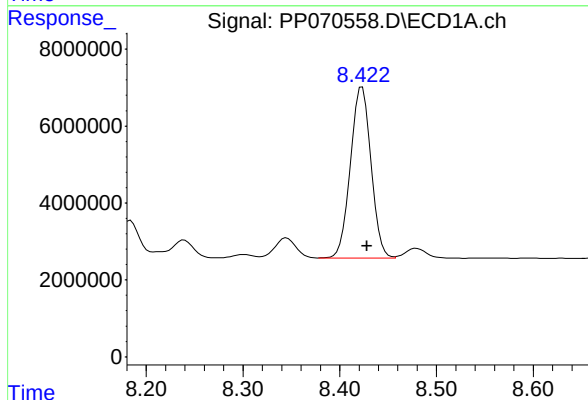
R.T.: 8.103 min  
Delta R.T.: -0.005 min  
Response: 30358624  
Conc: 464.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



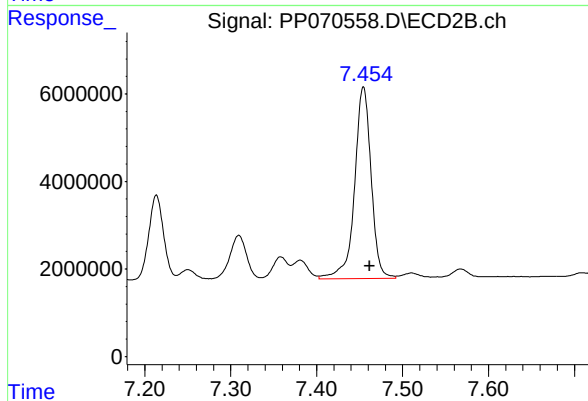
#34 AR-1260-4

R.T.: 7.213 min  
Delta R.T.: -0.008 min  
Response: 23211275  
Conc: 453.67 ng/ml



#35 AR-1260-5

R.T.: 8.423 min  
Delta R.T.: -0.005 min  
Response: 65565497  
Conc: 479.71 ng/ml



#35 AR-1260-5

R.T.: 7.454 min  
Delta R.T.: -0.007 min  
Response: 58621260  
Conc: 455.19 ng/ml



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

### CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

Continuing Calib Date: 03/15/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 05:06 Initial Calibration Time(s): 15:13 23:38

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.67       | 5.68      | 5.58      | 5.78  | 0.01       |
| Aroclor-1016-2       | (2) | 5.70       | 5.70      | 5.60      | 5.80  | 0.00       |
| Aroclor-1016-3       | (3) | 5.76       | 5.76      | 5.66      | 5.86  | 0.00       |
| Aroclor-1016-4       | (4) | 5.86       | 5.86      | 5.76      | 5.96  | 0.00       |
| Aroclor-1016-5       | (5) | 6.15       | 6.15      | 6.05      | 6.25  | 0.00       |
| Aroclor-1260-1       | (1) | 7.27       | 7.27      | 7.17      | 7.37  | 0.00       |
| Aroclor-1260-2       | (2) | 7.52       | 7.53      | 7.43      | 7.63  | 0.01       |
| Aroclor-1260-3       | (3) | 7.88       | 7.88      | 7.78      | 7.98  | 0.00       |
| Aroclor-1260-4       | (4) | 8.10       | 8.11      | 8.01      | 8.21  | 0.01       |
| Aroclor-1260-5       | (5) | 8.42       | 8.43      | 8.33      | 8.53  | 0.01       |
| Tetrachloro-m-xylene |     | 4.52       | 4.52      | 4.42      | 4.62  | 0.00       |
| Decachlorobiphenyl   |     | 10.24      | 10.25     | 10.15     | 10.35 | 0.01       |





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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

Continuing Calib Date: 03/15/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 05:06 Initial Calibration Time(s): 15:13 23:38

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.91       | 4.92      | 4.82      | 5.02 | 0.01       |
| Aroclor-1016-2       | (2) | 4.93       | 4.94      | 4.84      | 5.04 | 0.01       |
| Aroclor-1016-3       | (3) | 5.11       | 5.11      | 5.01      | 5.21 | 0.00       |
| Aroclor-1016-4       | (4) | 5.15       | 5.15      | 5.05      | 5.25 | 0.00       |
| Aroclor-1016-5       | (5) | 5.36       | 5.37      | 5.27      | 5.47 | 0.01       |
| Aroclor-1260-1       | (1) | 6.40       | 6.41      | 6.31      | 6.51 | 0.01       |
| Aroclor-1260-2       | (2) | 6.59       | 6.60      | 6.50      | 6.70 | 0.01       |
| Aroclor-1260-3       | (3) | 6.74       | 6.75      | 6.65      | 6.85 | 0.01       |
| Aroclor-1260-4       | (4) | 7.21       | 7.22      | 7.12      | 7.32 | 0.01       |
| Aroclor-1260-5       | (5) | 7.45       | 7.46      | 7.36      | 7.56 | 0.01       |
| Tetrachloro-m-xylene |     | 3.83       | 3.83      | 3.73      | 3.93 | 0.00       |
| Decachlorobiphenyl   |     | 8.87       | 8.88      | 8.78      | 8.98 | 0.01       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL03 Date Analyzed: 03/15/2025

Lab Sample No.: AR1660CCC500 Data File : PP070568.D Time Analyzed: 05:06

| COMPOUND             | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|----------------------|--------|--------------------|-------------------|------|
| Aroclor-1016-1       | 5.673  | 5.577                | 5.777  | 464.850            | 500.000           | -7.0 |
| Aroclor-1016-2       | 5.695  | 5.599                | 5.799  | 501.140            | 500.000           | 0.2  |
| Aroclor-1016-3       | 5.757  | 5.661                | 5.861  | 487.390            | 500.000           | -2.5 |
| Aroclor-1016-4       | 5.855  | 5.758                | 5.958  | 483.220            | 500.000           | -3.4 |
| Aroclor-1016-5       | 6.147  | 6.051                | 6.251  | 479.270            | 500.000           | -4.1 |
| Aroclor-1260-1       | 7.266  | 7.171                | 7.371  | 508.310            | 500.000           | 1.7  |
| Aroclor-1260-2       | 7.519  | 7.425                | 7.625  | 490.450            | 500.000           | -1.9 |
| Aroclor-1260-3       | 7.878  | 7.783                | 7.983  | 488.320            | 500.000           | -2.3 |
| Aroclor-1260-4       | 8.102  | 8.008                | 8.208  | 471.720            | 500.000           | -5.7 |
| Aroclor-1260-5       | 8.422  | 8.328                | 8.528  | 487.240            | 500.000           | -2.6 |
| Decachlorobiphenyl   | 10.239 | 10.152               | 10.352 | 48.570             | 50.000            | -2.9 |
| Tetrachloro-m-xylene | 4.522  | 4.424                | 4.624  | 48.550             | 50.000            | -2.9 |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL03 Date Analyzed: 03/15/2025

Lab Sample No.: AR1660CCC500 Data File : PP070568.D Time Analyzed: 05:06

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Aroclor-1016-1       | 4.912 | 4.817                | 5.017 | 511.620            | 500.000           | 2.3  |
| Aroclor-1016-2       | 4.930 | 4.836                | 5.036 | 488.190            | 500.000           | -2.4 |
| Aroclor-1016-3       | 5.107 | 5.013                | 5.213 | 502.650            | 500.000           | 0.5  |
| Aroclor-1016-4       | 5.149 | 5.054                | 5.254 | 495.770            | 500.000           | -0.8 |
| Aroclor-1016-5       | 5.364 | 5.270                | 5.470 | 540.650            | 500.000           | 8.1  |
| Aroclor-1260-1       | 6.400 | 6.307                | 6.507 | 493.180            | 500.000           | -1.4 |
| Aroclor-1260-2       | 6.587 | 6.495                | 6.695 | 483.690            | 500.000           | -3.3 |
| Aroclor-1260-3       | 6.741 | 6.649                | 6.849 | 471.010            | 500.000           | -5.8 |
| Aroclor-1260-4       | 7.213 | 7.121                | 7.321 | 458.170            | 500.000           | -8.4 |
| Aroclor-1260-5       | 7.454 | 7.362                | 7.562 | 453.230            | 500.000           | -9.4 |
| Decachlorobiphenyl   | 8.869 | 8.781                | 8.981 | 46.240             | 50.000            | -7.5 |
| Tetrachloro-m-xylene | 3.826 | 3.729                | 3.929 | 49.820             | 50.000            | -0.4 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
 Data File : PP070568.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Mar 2025 05:06  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 05:29:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.522  | 3.826 | 75517285 | 49932854 | 48.552  | 49.819  |
| 2) SA Decachlor...          | 10.239 | 8.869 | 51602626 | 45241438 | 48.574  | 46.242  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.673  | 4.912 | 24102790 | 18394063 | 464.845 | 511.621 |
| 4) L1 AR-1016-2             | 5.695  | 4.930 | 35853798 | 25369861 | 501.137 | 488.195 |
| 5) L1 AR-1016-3             | 5.757  | 5.107 | 22194655 | 14301994 | 487.388 | 502.646 |
| 6) L1 AR-1016-4             | 5.855  | 5.149 | 18863726 | 11100213 | 483.217 | 495.769 |
| 7) L1 AR-1016-5             | 6.147  | 5.364 | 16593299 | 16067422 | 479.270 | 540.647 |
| 31) L7 AR-1260-1            | 7.266  | 6.400 | 29857150 | 24552460 | 508.309 | 493.176 |
| 32) L7 AR-1260-2            | 7.519  | 6.587 | 40237821 | 31965538 | 490.448 | 483.685 |
| 33) L7 AR-1260-3            | 7.878  | 6.741 | 32110960 | 26940329 | 488.323 | 471.007 |
| 34) L7 AR-1260-4            | 8.102  | 7.213 | 30823185 | 23441586 | 471.715 | 458.170 |
| 35) L7 AR-1260-5            | 8.422  | 7.454 | 66595335 | 58369121 | 487.244 | 453.228 |
| -----                       |        |       |          |          |         |         |

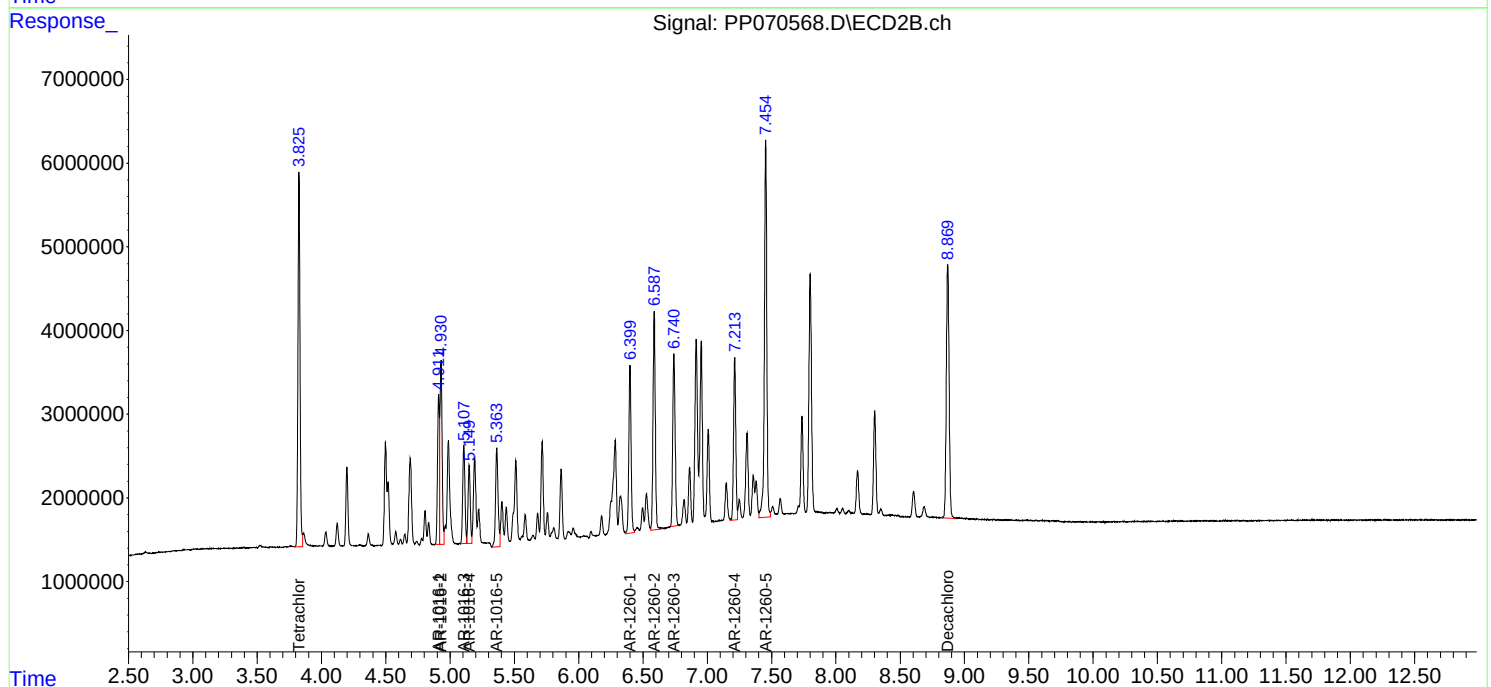
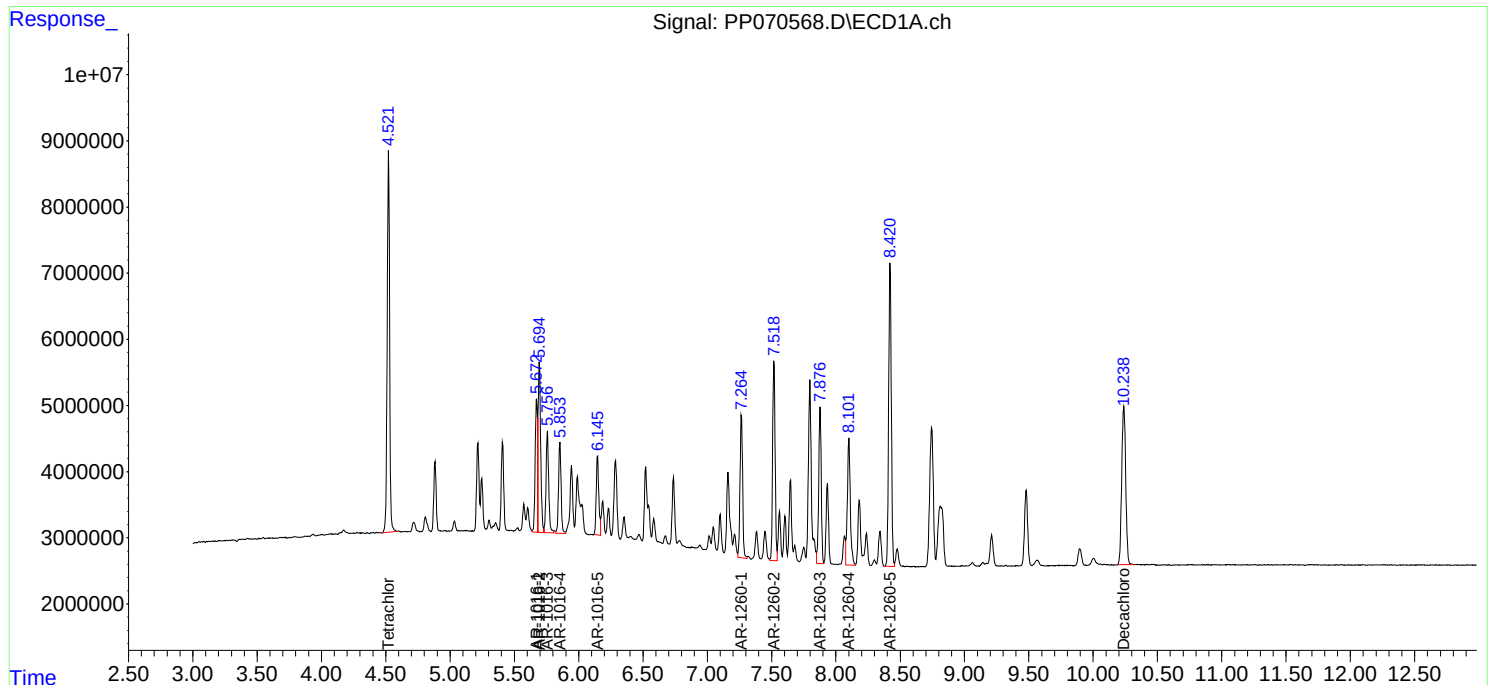
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

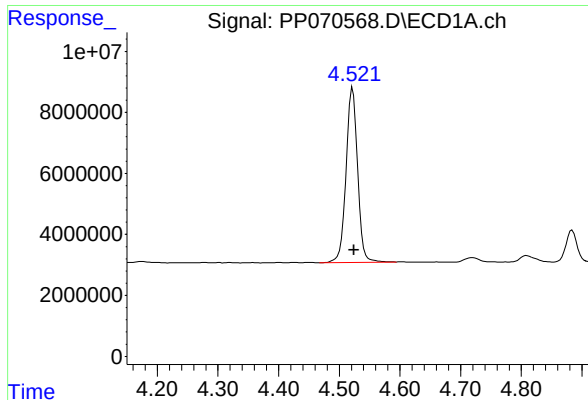
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070568.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2025 05:06  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 05:29:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

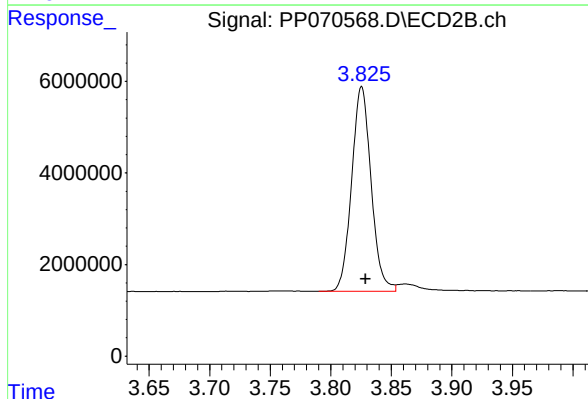




## #1 Tetrachloro-m-xylene

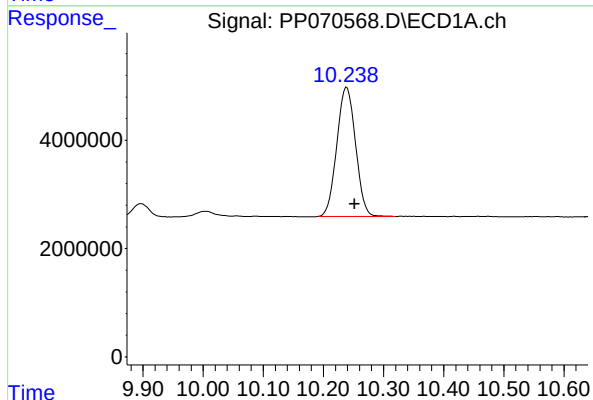
R.T.: 4.522 min  
Delta R.T.: -0.002 min  
Response: 75517285  
Conc: 48.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



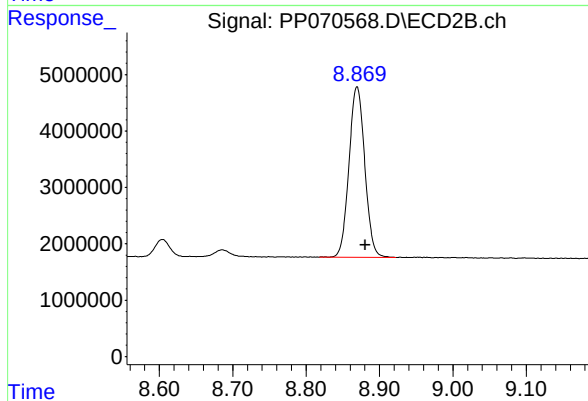
## #1 Tetrachloro-m-xylene

R.T.: 3.826 min  
Delta R.T.: -0.003 min  
Response: 49932854  
Conc: 49.82 ng/ml



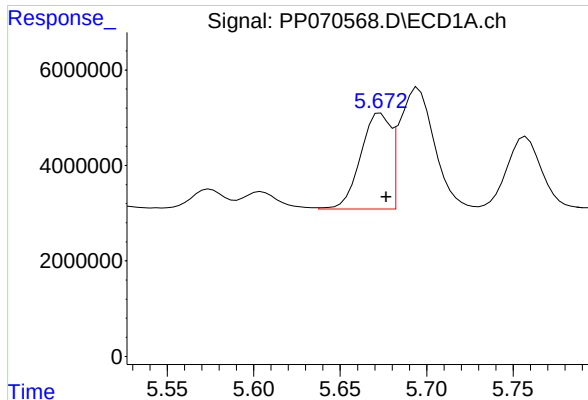
## #2 Decachlorobiphenyl

R.T.: 10.239 min  
Delta R.T.: -0.013 min  
Response: 51602626  
Conc: 48.57 ng/ml



## #2 Decachlorobiphenyl

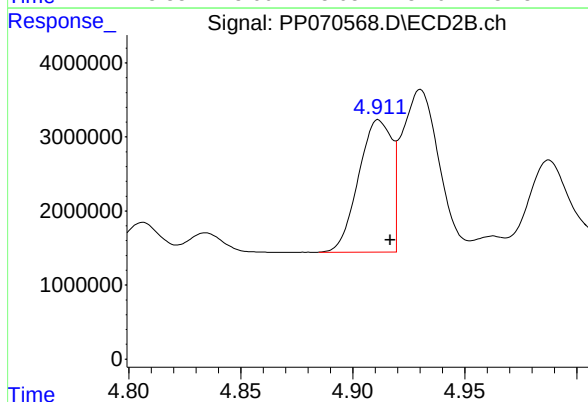
R.T.: 8.869 min  
Delta R.T.: -0.012 min  
Response: 45241438  
Conc: 46.24 ng/ml



#3 AR-1016-1

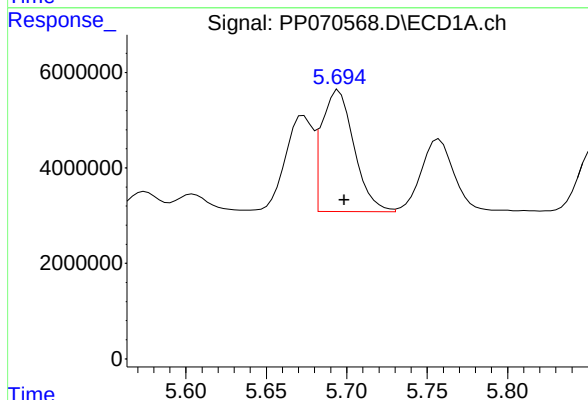
R.T.: 5.673 min  
Delta R.T.: -0.003 min  
Response: 24102790  
Conc: 464.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



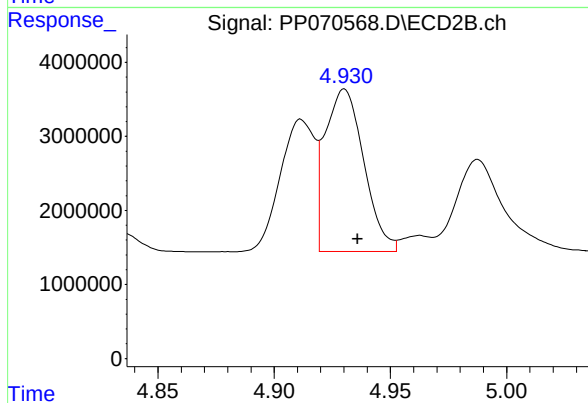
#3 AR-1016-1

R.T.: 4.912 min  
Delta R.T.: -0.005 min  
Response: 18394063  
Conc: 511.62 ng/ml



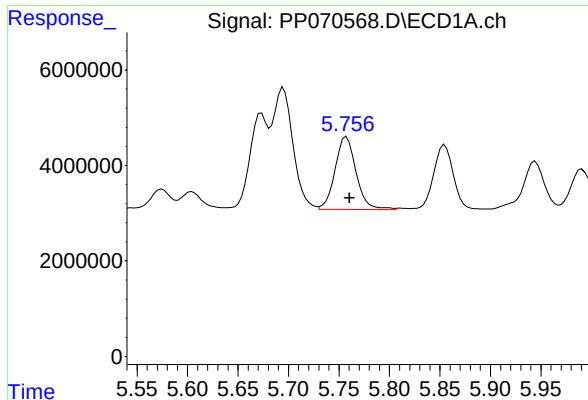
#4 AR-1016-2

R.T.: 5.695 min  
Delta R.T.: -0.004 min  
Response: 35853798  
Conc: 501.14 ng/ml



#4 AR-1016-2

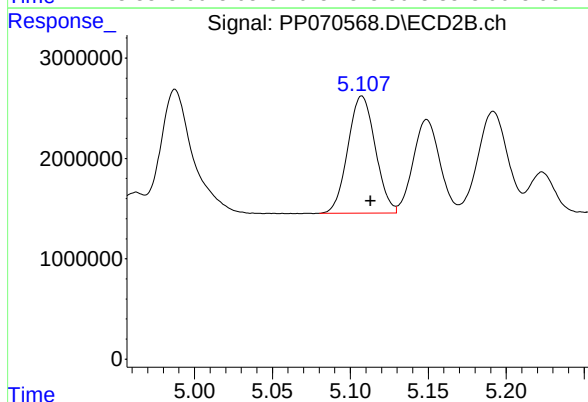
R.T.: 4.930 min  
Delta R.T.: -0.006 min  
Response: 25369861  
Conc: 488.19 ng/ml



#5 AR-1016-3

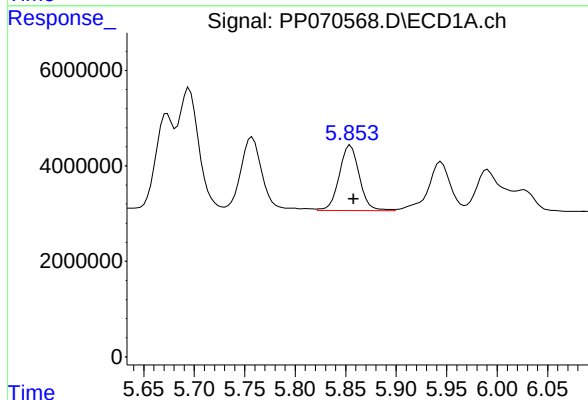
R.T.: 5.757 min  
Delta R.T.: -0.003 min  
Response: 22194655  
Conc: 487.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



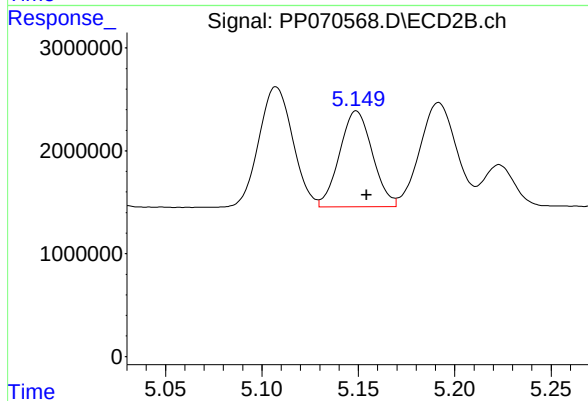
#5 AR-1016-3

R.T.: 5.107 min  
Delta R.T.: -0.006 min  
Response: 14301994  
Conc: 502.65 ng/ml



#6 AR-1016-4

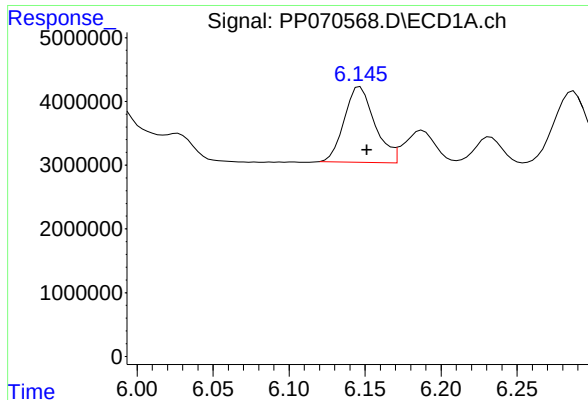
R.T.: 5.855 min  
Delta R.T.: -0.003 min  
Response: 18863726  
Conc: 483.22 ng/ml



#6 AR-1016-4

R.T.: 5.149 min  
Delta R.T.: -0.005 min  
Response: 11100213  
Conc: 495.77 ng/ml

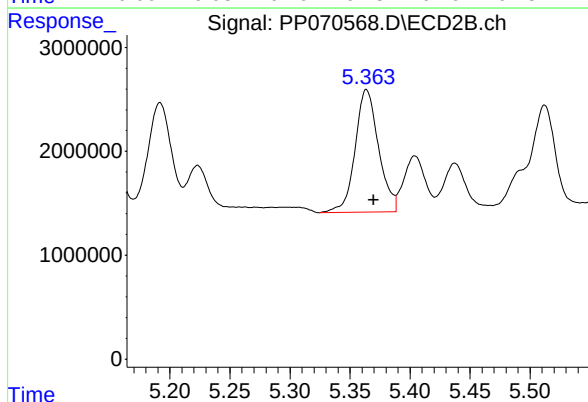




#7 AR-1016-5

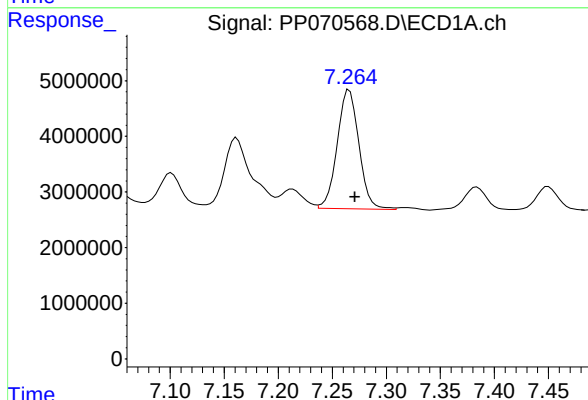
R.T.: 6.147 min  
Delta R.T.: -0.005 min  
Response: 16593299  
Conc: 479.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



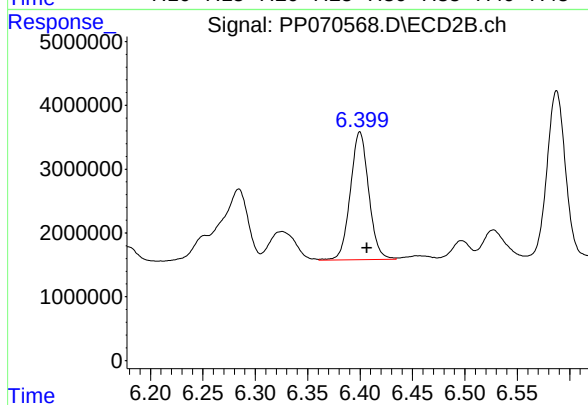
#7 AR-1016-5

R.T.: 5.364 min  
Delta R.T.: -0.006 min  
Response: 16067422  
Conc: 540.65 ng/ml



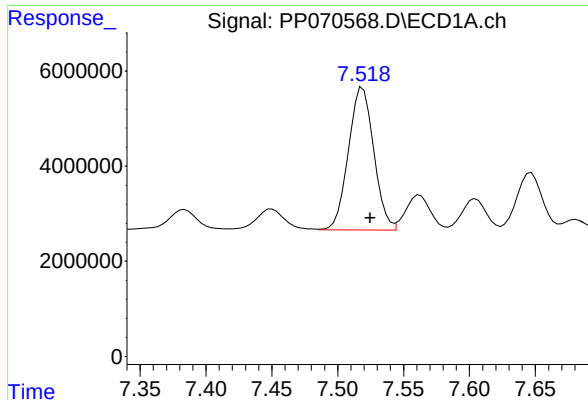
#31 AR-1260-1

R.T.: 7.266 min  
Delta R.T.: -0.005 min  
Response: 29857150  
Conc: 508.31 ng/ml



#31 AR-1260-1

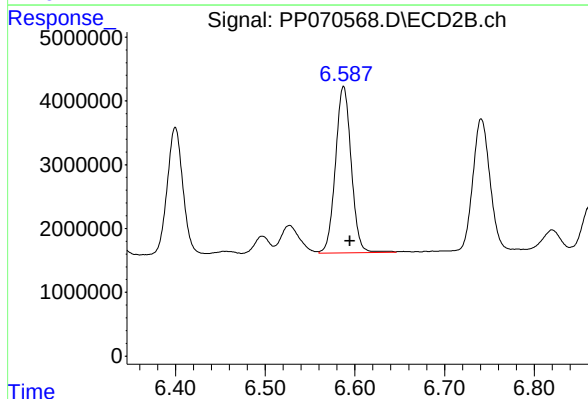
R.T.: 6.400 min  
Delta R.T.: -0.007 min  
Response: 24552460  
Conc: 493.18 ng/ml



#32 AR-1260-2

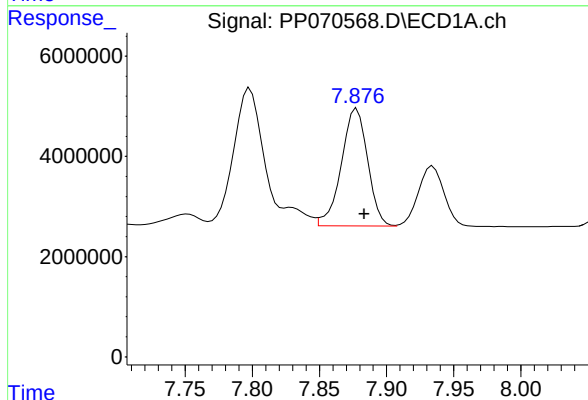
R.T.: 7.519 min  
Delta R.T.: -0.006 min  
Response: 40237821  
Conc: 490.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



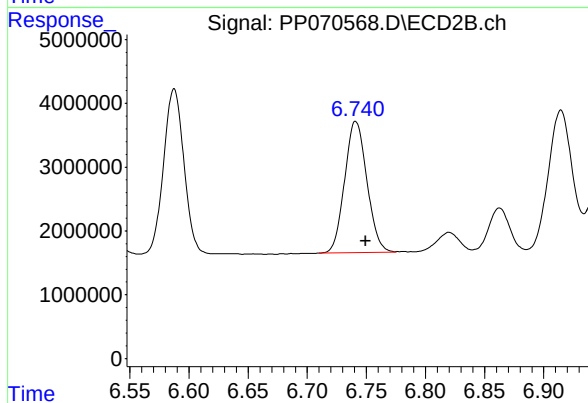
#32 AR-1260-2

R.T.: 6.587 min  
Delta R.T.: -0.007 min  
Response: 31965538  
Conc: 483.69 ng/ml



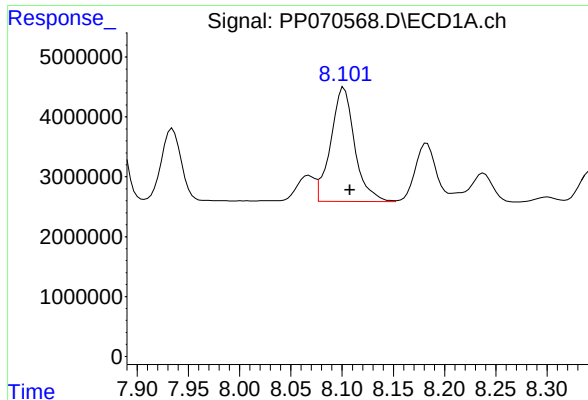
#33 AR-1260-3

R.T.: 7.878 min  
Delta R.T.: -0.005 min  
Response: 32110960  
Conc: 488.32 ng/ml



#33 AR-1260-3

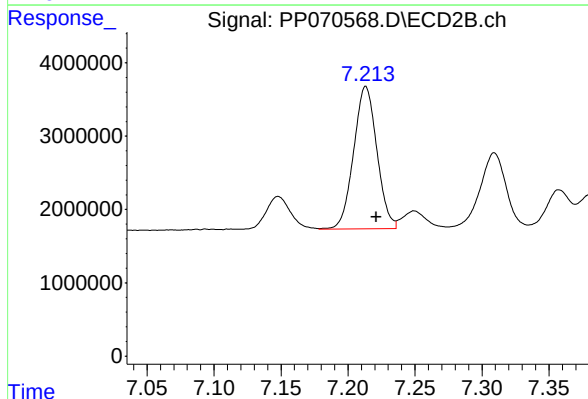
R.T.: 6.741 min  
Delta R.T.: -0.008 min  
Response: 26940329  
Conc: 471.01 ng/ml



#34 AR-1260-4

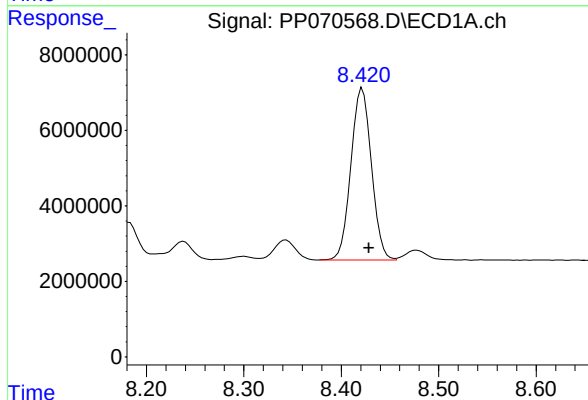
R.T.: 8.102 min  
Delta R.T.: -0.006 min  
Response: 30823185  
Conc: 471.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



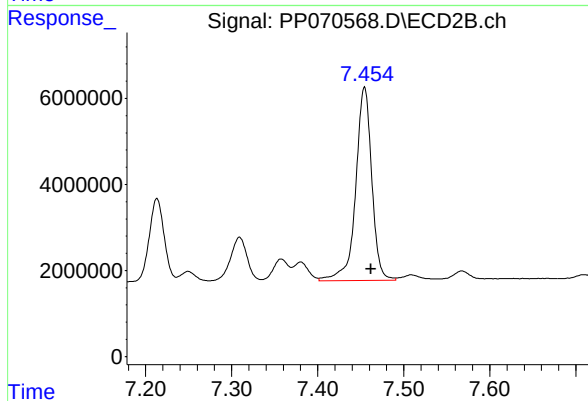
#34 AR-1260-4

R.T.: 7.213 min  
Delta R.T.: -0.008 min  
Response: 23441586  
Conc: 458.17 ng/ml



#35 AR-1260-5

R.T.: 8.422 min  
Delta R.T.: -0.007 min  
Response: 66595335  
Conc: 487.24 ng/ml



#35 AR-1260-5

R.T.: 7.454 min  
Delta R.T.: -0.007 min  
Response: 58369121  
Conc: 453.23 ng/ml

## Analytical Sequence

|                                                      |                                                                     |
|------------------------------------------------------|---------------------------------------------------------------------|
| Client: Weston Solutions                             | SDG No.: Q1569                                                      |
| Project: Fort Meade MD Tipton Airfield Parcel RI - 0 | Instrument ID: ECD_P                                                |
| GC Column: ZB-MR1                                    | ID: 0.32 (mm)      Inst. Calib. Date(s): 03/11/2025      03/11/2025 |

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

| EPA<br>SAMPLE NO.      | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|------------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK                   | IBLK             | 03/11/2025       | 14:57            | PP070418.D | 10.25       | 4.53        |
| AR1660ICC1000          | AR1660ICC1000    | 03/11/2025       | 15:13            | PP070419.D | 10.25       | 4.53        |
| AR1660ICC750           | AR1660ICC750     | 03/11/2025       | 15:29            | PP070420.D | 10.25       | 4.52        |
| AR1660ICC500           | AR1660ICC500     | 03/11/2025       | 15:46            | PP070421.D | 10.25       | 4.52        |
| AR1660ICC250           | AR1660ICC250     | 03/11/2025       | 16:02            | PP070422.D | 10.26       | 4.53        |
| AR1660ICC050           | AR1660ICC050     | 03/11/2025       | 16:18            | PP070423.D | 10.25       | 4.53        |
| AR1221ICC500           | AR1221ICC500     | 03/11/2025       | 16:34            | PP070424.D | 10.25       | 4.53        |
| AR1232ICC1000          | AR1232ICC1000    | 03/11/2025       | 16:51            | PP070425.D | 10.25       | 4.53        |
| AR1232ICC750           | AR1232ICC750     | 03/11/2025       | 17:07            | PP070426.D | 10.25       | 4.53        |
| AR1232ICC500           | AR1232ICC500     | 03/11/2025       | 17:23            | PP070427.D | 10.25       | 4.53        |
| AR1232ICC250           | AR1232ICC250     | 03/11/2025       | 17:40            | PP070428.D | 10.25       | 4.53        |
| AR1232ICC050           | AR1232ICC050     | 03/11/2025       | 17:56            | PP070429.D | 10.26       | 4.53        |
| AR1242ICC1000          | AR1242ICC1000    | 03/11/2025       | 18:12            | PP070430.D | 10.25       | 4.53        |
| AR1242ICC750           | AR1242ICC750     | 03/11/2025       | 18:28            | PP070431.D | 10.25       | 4.53        |
| AR1242ICC500           | AR1242ICC500     | 03/11/2025       | 18:45            | PP070432.D | 10.25       | 4.53        |
| AR1242ICC250           | AR1242ICC250     | 03/11/2025       | 19:01            | PP070433.D | 10.25       | 4.52        |
| AR1242ICC050           | AR1242ICC050     | 03/11/2025       | 19:17            | PP070434.D | 10.25       | 4.53        |
| AR1248ICC1000          | AR1248ICC1000    | 03/11/2025       | 19:34            | PP070435.D | 10.25       | 4.53        |
| AR1248ICC750           | AR1248ICC750     | 03/11/2025       | 19:50            | PP070436.D | 10.25       | 4.52        |
| AR1248ICC500           | AR1248ICC500     | 03/11/2025       | 20:06            | PP070437.D | 10.25       | 4.52        |
| AR1248ICC250           | AR1248ICC250     | 03/11/2025       | 20:22            | PP070438.D | 10.25       | 4.52        |
| AR1248ICC050           | AR1248ICC050     | 03/11/2025       | 20:39            | PP070439.D | 10.25       | 4.52        |
| AR1254ICC1000          | AR1254ICC1000    | 03/11/2025       | 20:55            | PP070440.D | 10.25       | 4.53        |
| AR1254ICC750           | AR1254ICC750     | 03/11/2025       | 21:11            | PP070441.D | 10.25       | 4.52        |
| AR1254ICC500           | AR1254ICC500     | 03/11/2025       | 21:28            | PP070442.D | 10.25       | 4.53        |
| AR1254ICC250           | AR1254ICC250     | 03/11/2025       | 21:44            | PP070443.D | 10.25       | 4.52        |
| AR1254ICC050           | AR1254ICC050     | 03/11/2025       | 22:00            | PP070444.D | 10.25       | 4.53        |
| AR1262ICC500           | AR1262ICC500     | 03/11/2025       | 22:16            | PP070445.D | 10.25       | 4.52        |
| AR1268ICC1000          | AR1268ICC1000    | 03/11/2025       | 22:33            | PP070446.D | 10.25       | 4.53        |
| AR1268ICC750           | AR1268ICC750     | 03/11/2025       | 22:49            | PP070447.D | 10.25       | 4.53        |
| AR1268ICC500           | AR1268ICC500     | 03/11/2025       | 23:05            | PP070448.D | 10.25       | 4.52        |
| AR1268ICC250           | AR1268ICC250     | 03/11/2025       | 23:22            | PP070449.D | 10.25       | 4.52        |
| AR1268ICC050           | AR1268ICC050     | 03/11/2025       | 23:38            | PP070450.D | 10.25       | 4.53        |
| AR1660CCC500           | AR1660CCC500     | 03/14/2025       | 21:15            | PP070543.D | 10.24       | 4.53        |
| IBLK                   | IBLK             | 03/14/2025       | 22:20            | PP070547.D | 10.24       | 4.52        |
| PB167143BL             | PB167143BL       | 03/14/2025       | 22:36            | PP070548.D | 10.24       | 4.52        |
| PB167143BS             | PB167143BS       | 03/14/2025       | 22:52            | PP070549.D | 10.24       | 4.52        |
| TAP-IDW-SOIL-031325-01 | Q1569-01         | 03/14/2025       | 23:09            | PP070550.D | 10.24       | 4.52        |
| TAP-IDW-SOIL-031325-02 | Q1569-04         | 03/14/2025       | 23:25            | PP070551.D | 10.24       | 4.52        |
| AR1660CCC500           | AR1660CCC500     | 03/15/2025       | 01:51            | PP070558.D | 10.24       | 4.52        |
| IBLK                   | IBLK             | 03/15/2025       | 02:56            | PP070562.D | 10.24       | 4.52        |
| C0018MS                | Q1572-06MS       | 03/15/2025       | 03:29            | PP070564.D | 10.24       | 4.52        |

### Analytical Sequence

|              |              |            |       |            |       |      |
|--------------|--------------|------------|-------|------------|-------|------|
| C0018MSD     | Q1572-06MSD  | 03/15/2025 | 03:45 | PP070565.D | 10.24 | 4.52 |
| AR1660CCC500 | AR1660CCC500 | 03/15/2025 | 05:06 | PP070568.D | 10.24 | 4.52 |
| I.BLK        | I.BLK        | 03/15/2025 | 06:11 | PP070572.D | 10.24 | 4.52 |

## Analytical Sequence

|                                                      |                                                                     |
|------------------------------------------------------|---------------------------------------------------------------------|
| Client: Weston Solutions                             | SDG No.: Q1569                                                      |
| Project: Fort Meade MD Tipton Airfield Parcel RI - 0 | Instrument ID: ECD_P                                                |
| GC Column: ZB-MR2                                    | ID: 0.32 (mm)      Inst. Calib. Date(s): 03/11/2025      03/11/2025 |

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

| EPA<br>SAMPLE NO.      | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|------------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK                   | IBLK             | 03/11/2025       | 14:57            | PP070418.D | 8.88        | 3.83        |
| AR1660ICC1000          | AR1660ICC1000    | 03/11/2025       | 15:13            | PP070419.D | 8.88        | 3.83        |
| AR1660ICC750           | AR1660ICC750     | 03/11/2025       | 15:29            | PP070420.D | 8.88        | 3.83        |
| AR1660ICC500           | AR1660ICC500     | 03/11/2025       | 15:46            | PP070421.D | 8.88        | 3.83        |
| AR1660ICC250           | AR1660ICC250     | 03/11/2025       | 16:02            | PP070422.D | 8.88        | 3.83        |
| AR1660ICC050           | AR1660ICC050     | 03/11/2025       | 16:18            | PP070423.D | 8.88        | 3.83        |
| AR1221ICC500           | AR1221ICC500     | 03/11/2025       | 16:34            | PP070424.D | 8.88        | 3.83        |
| AR1232ICC1000          | AR1232ICC1000    | 03/11/2025       | 16:51            | PP070425.D | 8.88        | 3.83        |
| AR1232ICC750           | AR1232ICC750     | 03/11/2025       | 17:07            | PP070426.D | 8.88        | 3.83        |
| AR1232ICC500           | AR1232ICC500     | 03/11/2025       | 17:23            | PP070427.D | 8.88        | 3.83        |
| AR1232ICC250           | AR1232ICC250     | 03/11/2025       | 17:40            | PP070428.D | 8.88        | 3.83        |
| AR1232ICC050           | AR1232ICC050     | 03/11/2025       | 17:56            | PP070429.D | 8.88        | 3.83        |
| AR1242ICC1000          | AR1242ICC1000    | 03/11/2025       | 18:12            | PP070430.D | 8.88        | 3.83        |
| AR1242ICC750           | AR1242ICC750     | 03/11/2025       | 18:28            | PP070431.D | 8.88        | 3.83        |
| AR1242ICC500           | AR1242ICC500     | 03/11/2025       | 18:45            | PP070432.D | 8.88        | 3.83        |
| AR1242ICC250           | AR1242ICC250     | 03/11/2025       | 19:01            | PP070433.D | 8.88        | 3.83        |
| AR1242ICC050           | AR1242ICC050     | 03/11/2025       | 19:17            | PP070434.D | 8.88        | 3.83        |
| AR1248ICC1000          | AR1248ICC1000    | 03/11/2025       | 19:34            | PP070435.D | 8.88        | 3.83        |
| AR1248ICC750           | AR1248ICC750     | 03/11/2025       | 19:50            | PP070436.D | 8.88        | 3.83        |
| AR1248ICC500           | AR1248ICC500     | 03/11/2025       | 20:06            | PP070437.D | 8.88        | 3.83        |
| AR1248ICC250           | AR1248ICC250     | 03/11/2025       | 20:22            | PP070438.D | 8.88        | 3.83        |
| AR1248ICC050           | AR1248ICC050     | 03/11/2025       | 20:39            | PP070439.D | 8.88        | 3.83        |
| AR1254ICC1000          | AR1254ICC1000    | 03/11/2025       | 20:55            | PP070440.D | 8.88        | 3.83        |
| AR1254ICC750           | AR1254ICC750     | 03/11/2025       | 21:11            | PP070441.D | 8.88        | 3.83        |
| AR1254ICC500           | AR1254ICC500     | 03/11/2025       | 21:28            | PP070442.D | 8.88        | 3.83        |
| AR1254ICC250           | AR1254ICC250     | 03/11/2025       | 21:44            | PP070443.D | 8.88        | 3.83        |
| AR1254ICC050           | AR1254ICC050     | 03/11/2025       | 22:00            | PP070444.D | 8.88        | 3.83        |
| AR1262ICC500           | AR1262ICC500     | 03/11/2025       | 22:16            | PP070445.D | 8.88        | 3.83        |
| AR1268ICC1000          | AR1268ICC1000    | 03/11/2025       | 22:33            | PP070446.D | 8.88        | 3.83        |
| AR1268ICC750           | AR1268ICC750     | 03/11/2025       | 22:49            | PP070447.D | 8.88        | 3.83        |
| AR1268ICC500           | AR1268ICC500     | 03/11/2025       | 23:05            | PP070448.D | 8.88        | 3.83        |
| AR1268ICC250           | AR1268ICC250     | 03/11/2025       | 23:22            | PP070449.D | 8.88        | 3.83        |
| AR1268ICC050           | AR1268ICC050     | 03/11/2025       | 23:38            | PP070450.D | 8.88        | 3.83        |
| AR1660CCC500           | AR1660CCC500     | 03/14/2025       | 21:15            | PP070543.D | 8.87        | 3.83        |
| IBLK                   | IBLK             | 03/14/2025       | 22:20            | PP070547.D | 8.87        | 3.83        |
| PB167143BL             | PB167143BL       | 03/14/2025       | 22:36            | PP070548.D | 8.87        | 3.83        |
| PB167143BS             | PB167143BS       | 03/14/2025       | 22:52            | PP070549.D | 8.87        | 3.83        |
| TAP-IDW-SOIL-031325-01 | Q1569-01         | 03/14/2025       | 23:09            | PP070550.D | 8.87        | 3.83        |
| TAP-IDW-SOIL-031325-02 | Q1569-04         | 03/14/2025       | 23:25            | PP070551.D | 8.87        | 3.83        |
| AR1660CCC500           | AR1660CCC500     | 03/15/2025       | 01:51            | PP070558.D | 8.87        | 3.83        |
| IBLK                   | IBLK             | 03/15/2025       | 02:56            | PP070562.D | 8.87        | 3.83        |
| C0018MS                | Q1572-06MS       | 03/15/2025       | 03:29            | PP070564.D | 8.87        | 3.83        |

### Analytical Sequence

|              |              |            |       |            |      |      |
|--------------|--------------|------------|-------|------------|------|------|
| C0018MSD     | Q1572-06MSD  | 03/15/2025 | 03:45 | PP070565.D | 8.87 | 3.83 |
| AR1660CCC500 | AR1660CCC500 | 03/15/2025 | 05:06 | PP070568.D | 8.87 | 3.83 |
| I.BLK        | I.BLK        | 03/15/2025 | 06:11 | PP070572.D | 8.87 | 3.83 |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167143BS

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

Lab Sample ID: PB167143BS Date(s) Analyzed: 03/14/2025 03/14/2025

Instrument ID (1): ECD\_P Instrument ID (2): ECD\_P

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

Data file PP070549.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|------|
|              |     |       | FROM      | TO    |               |                       |      |
| Aroclor-1016 | 1   | 5.675 | 5.625     | 5.725 | 146           | 146                   | 4.03 |
| COLUMN 1     | 2   | 5.697 | 5.647     | 5.747 | 157           |                       |      |
|              | 3   | 5.759 | 5.709     | 5.809 | 146           |                       |      |
|              | 4   | 5.856 | 5.806     | 5.906 | 141           |                       |      |
|              | 5   | 6.149 | 6.099     | 6.199 | 142           |                       |      |
|              | 1   | 4.913 | 4.863     | 4.963 | 156           |                       |      |
| COLUMN 2     | 2   | 4.932 | 4.882     | 4.982 | 149           | 152                   |      |
|              | 3   | 5.109 | 5.059     | 5.159 | 153           |                       |      |
|              | 4   | 5.15  | 5.1       | 5.2   | 152           |                       |      |
|              | 5   | 5.366 | 5.316     | 5.416 | 150           |                       |      |
|              |     |       |           |       |               |                       |      |
| Aroclor-1260 | 1   | 7.268 | 7.218     | 7.318 | 161           | 145                   | 0.69 |
| COLUMN 1     | 2   | 7.522 | 7.472     | 7.572 | 156           |                       |      |
|              | 3   | 7.88  | 7.83      | 7.93  | 133           |                       |      |
|              | 4   | 8.102 | 8.052     | 8.152 | 138           |                       |      |
|              | 5   | 8.424 | 8.374     | 8.474 | 138           |                       |      |
|              | 1   | 6.402 | 6.352     | 6.452 | 155           |                       |      |
| COLUMN 2     | 2   | 6.59  | 6.54      | 6.64  | 152           | 144                   |      |
|              | 3   | 6.743 | 6.693     | 6.793 | 153           |                       |      |
|              | 4   | 7.215 | 7.165     | 7.265 | 129           |                       |      |
|              | 5   | 7.456 | 7.406     | 7.506 | 130           |                       |      |
|              |     |       |           |       |               |                       |      |



IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0018MS

Contract: WEST04

Lab Code: CHEM Case No.: Q1569 SAS No.: Q1569 SDG NO.: Q1569

Lab Sample ID: Q1572-06MS Date(s) Analyzed: 03/15/2025 03/15/2025

Instrument ID (1): ECD\_P Instrument ID (2): ECD\_P

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

Data file PP070564.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.675 | 5.625     | 5.725 | 13000         | 14000                 | 13.33 |
| COLUMN 1     | 2   | 5.697 | 5.647     | 5.747 | 17500         |                       |       |
|              | 3   | 5.762 | 5.712     | 5.812 | 2750          |                       |       |
|              | 4   | 5.855 | 5.805     | 5.905 | 14100         |                       |       |
|              | 5   | 6.147 | 6.097     | 6.197 | 24900         |                       |       |
| COLUMN 2     | 1   | 4.913 | 4.863     | 4.963 | 12500         | 16000                 |       |
|              | 2   | 4.932 | 4.882     | 4.982 | 15300         |                       |       |
|              | 3   | 5.109 | 5.059     | 5.159 | 13200         |                       |       |
|              | 4   | 5.15  | 5.1       | 5.2   | 19500         |                       |       |
|              | 5   | 5.365 | 5.315     | 5.415 | 20900         |                       |       |
| Aroclor-1248 | 1   | 5.675 | 5.625     | 5.725 | 19800         | 18000                 | 11.76 |
| COLUMN 1     | 2   | 5.946 | 5.896     | 5.996 | 16400         |                       |       |
|              | 3   | 6.147 | 6.097     | 6.197 | 18700         |                       |       |
|              | 4   | 6.547 | 6.497     | 6.597 | 16700         |                       |       |
|              | 5   | 6.586 | 6.536     | 6.636 | 17900         |                       |       |
| COLUMN 2     | 1   | 4.913 | 4.863     | 4.963 | 19100         | 16000                 |       |
|              | 2   | 5.15  | 5.1       | 5.2   | 14000         |                       |       |
|              | 3   | 5.192 | 5.142     | 5.242 | 15400         |                       |       |
|              | 4   | 5.365 | 5.315     | 5.415 | 16000         |                       |       |
|              | 5   | 5.759 | 5.709     | 5.809 | 16400         |                       |       |

## IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

|              |   |       |       |       |      |      |   |
|--------------|---|-------|-------|-------|------|------|---|
| Aroclor-1260 | 1 | 7.268 | 7.218 | 7.318 | 1470 | 1200 | 8 |
|              | 2 | 7.52  | 7.47  | 7.57  | 1830 |      |   |
|              | 3 | 7.878 | 7.828 | 7.928 | 932  |      |   |
|              | 4 | 8.099 | 8.049 | 8.149 | 1170 |      |   |
|              | 5 | 8.424 | 8.374 | 8.474 | 745  |      |   |
| COLUMN 1     |   |       |       |       |      | 1300 |   |
|              | 1 | 6.413 | 6.363 | 6.463 | 3280 |      |   |
|              | 2 | 6.589 | 6.539 | 6.639 | 896  |      |   |
|              | 3 | 6.742 | 6.692 | 6.792 | 1140 |      |   |
|              | 4 | 7.215 | 7.165 | 7.265 | 651  |      |   |
| COLUMN 2     | 5 | 7.455 | 7.405 | 7.505 | 753  | 1300 |   |
|              |   |       |       |       |      |      |   |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0018MSD

Contract: WEST04

Lab Code: CHEM

Case No.: Q1569

SAS No.: Q1569

SDG NO.: Q1569

Lab Sample ID: Q1572-06MSD

Date(s) Analyzed: 03/15/2025

03/15/2025

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

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

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

Data file PP070565.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.675 | 5.625     | 5.725 | 13600         | 15000                 | 12.5  |
| COLUMN 1     | 2   | 5.696 | 5.646     | 5.746 | 18500         |                       |       |
|              | 3   | 5.763 | 5.713     | 5.813 | 2910          |                       |       |
|              | 4   | 5.856 | 5.806     | 5.906 | 14900         |                       |       |
|              | 5   | 6.147 | 6.097     | 6.197 | 26000         |                       |       |
| COLUMN 2     | 1   | 4.913 | 4.863     | 4.963 | 13100         | 17000                 |       |
|              | 2   | 4.931 | 4.881     | 4.981 | 16200         |                       |       |
|              | 3   | 5.109 | 5.059     | 5.159 | 14200         |                       |       |
|              | 4   | 5.15  | 5.1       | 5.2   | 20600         |                       |       |
|              | 5   | 5.365 | 5.315     | 5.415 | 22000         |                       |       |
| Aroclor-1248 | 1   | 5.675 | 5.625     | 5.725 | 20600         | 19000                 | 11.11 |
| COLUMN 1     | 2   | 5.946 | 5.896     | 5.996 | 17000         |                       |       |
|              | 3   | 6.147 | 6.097     | 6.197 | 19700         |                       |       |
|              | 4   | 6.548 | 6.498     | 6.598 | 17400         |                       |       |
|              | 5   | 6.586 | 6.536     | 6.636 | 18500         |                       |       |
| COLUMN 2     | 1   | 4.913 | 4.863     | 4.963 | 20000         | 17000                 |       |
|              | 2   | 5.15  | 5.1       | 5.2   | 14700         |                       |       |
|              | 3   | 5.192 | 5.142     | 5.242 | 16200         |                       |       |
|              | 4   | 5.365 | 5.315     | 5.415 | 16800         |                       |       |
|              | 5   | 5.758 | 5.708     | 5.808 | 17100         |                       |       |

## IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

|              |       |       |       |       |      |      |      |
|--------------|-------|-------|-------|-------|------|------|------|
| Aroclor-1260 | 1     | 7.268 | 7.218 | 7.318 | 1520 |      | 7.41 |
|              | 2     | 7.519 | 7.469 | 7.569 | 1920 |      |      |
|              | 3     | 7.878 | 7.828 | 7.928 | 964  |      |      |
|              | 4     | 8.098 | 8.048 | 8.148 | 1200 |      |      |
|              | 5     | 8.424 | 8.374 | 8.474 | 760  |      |      |
| COLUMN 1     |       |       |       |       |      | 1300 |      |
|              | 1     | 6.413 | 6.363 | 6.463 | 3420 |      |      |
|              | 2     | 6.588 | 6.538 | 6.638 | 933  |      |      |
|              | 3     | 6.741 | 6.691 | 6.791 | 1190 |      |      |
|              | 4     | 7.214 | 7.164 | 7.264 | 671  |      |      |
| 5            | 7.455 | 7.405 | 7.505 | 768   |      |      |      |
| COLUMN 2     |       |       |       |       |      | 1400 |      |
|              |       |       |       |       |      |      |      |



# QC SAMPLE DATA

## Report of Analysis

|                    |                                                   |                    |          |
|--------------------|---------------------------------------------------|--------------------|----------|
| Client:            | Weston Solutions                                  | Date Collected:    |          |
| Project:           | Fort Meade MD Tipton Airfield Parcel RI - 0111169 | Date Received:     |          |
| Client Sample ID:  | PB167143BL                                        | SDG No.:           | Q1569    |
| Lab Sample ID:     | PB167143BL                                        | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                                           | % Solid:           | 100      |
| Sample Wt/Vol:     | 30.01 Units: g                                    | Final Vol:         | 10000 uL |
| Soil Aliquot Vol:  | uL                                                | Test:              | PCB      |
| Extraction Type:   |                                                   | Injection Volume : |          |
| GPC Factor :       | 1.0                                               | PH :               |          |
| Prep Method :      | SW3541B                                           |                    |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP070548.D        | 1         | 03/14/25 12:25 | 03/14/25 22:36 | PB167143      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |                   |
| 12674-11-2        | Aroclor-1016         | 8.30  | U         | 3.90     | 8.30 | 17.0       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 13.0  | U         | 4.00     | 13.0 | 17.0       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 8.30  | U         | 3.70     | 8.30 | 17.0       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 8.30  | U         | 4.00     | 8.30 | 17.0       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 13.0  | U         | 5.90     | 13.0 | 17.0       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 8.30  | U         | 3.20     | 8.30 | 17.0       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 13.0  | U         | 5.00     | 13.0 | 17.0       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 8.30  | U         | 3.60     | 8.30 | 17.0       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 8.30  | U         | 3.20     | 8.30 | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |      |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 21.4  |           | 44 - 130 |      | 107%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.2  |           | 60 - 125 |      | 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\_P\Data\PP031425\  
 Data File : PP070548.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2025 22:36  
 Operator : YP\AJ  
 Sample : PB167143BL  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB167143BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 01:59:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.523  | 3.826 | 31678309 | 21499894 | 20.367 | 21.451 |
| 2) SA Decachlor...          | 10.241 | 8.871 | 22520411 | 20574512 | 21.199 | 21.030 |

Target Compounds

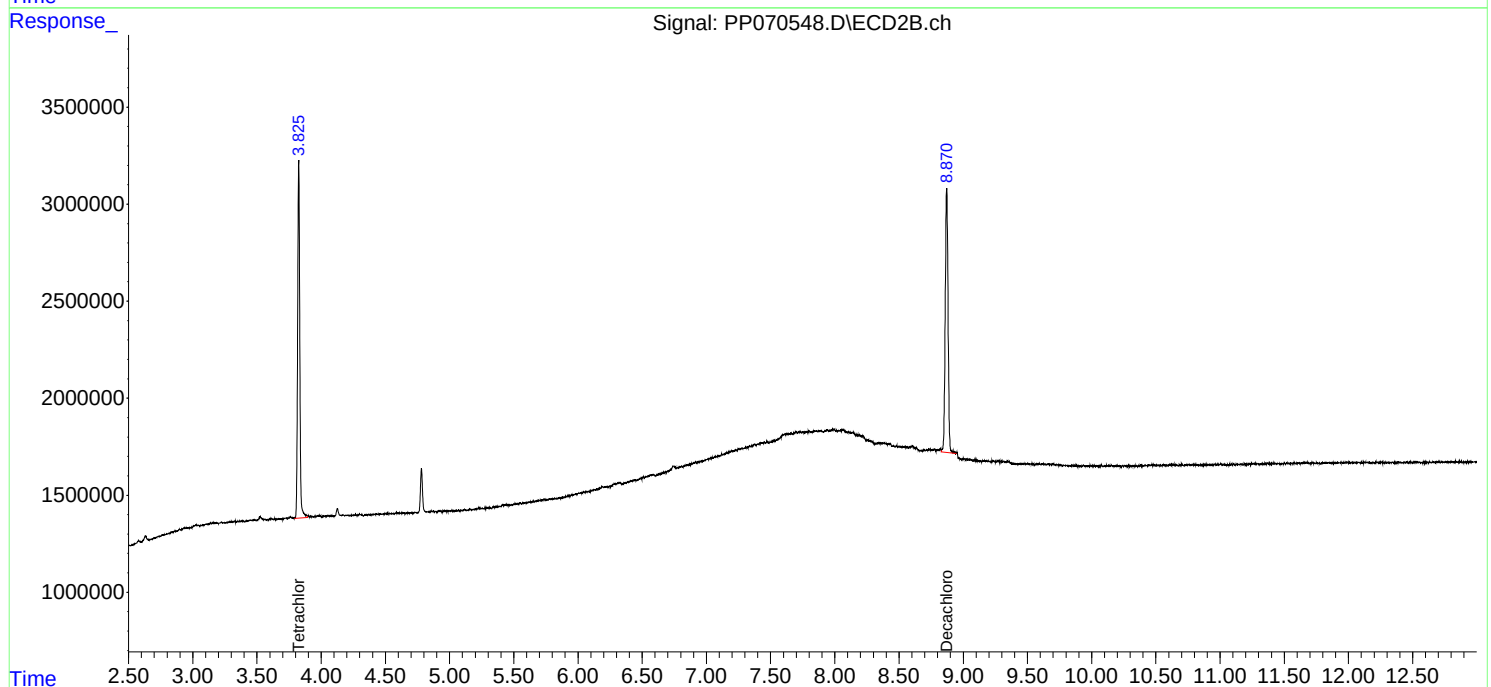
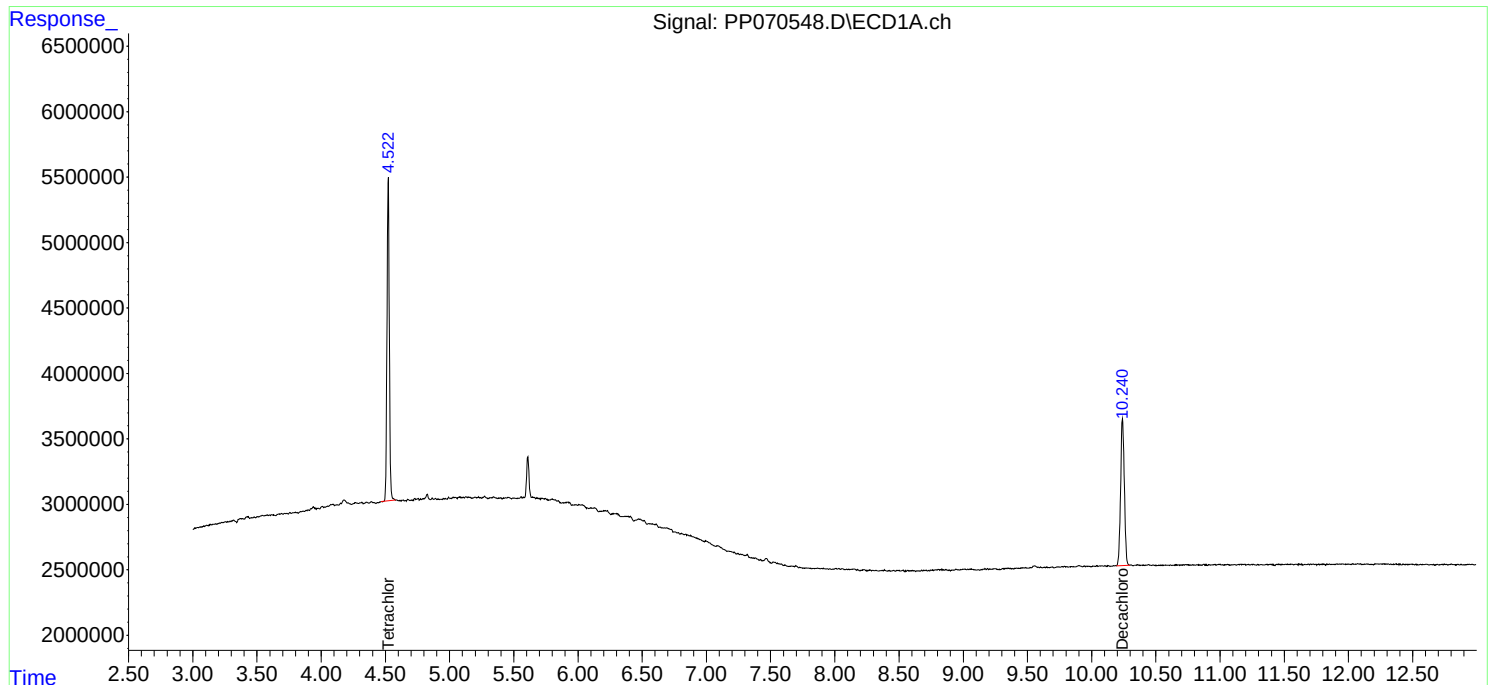
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070548.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2025 22:36  
Operator : YP\AJ  
Sample : PB167143BL  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

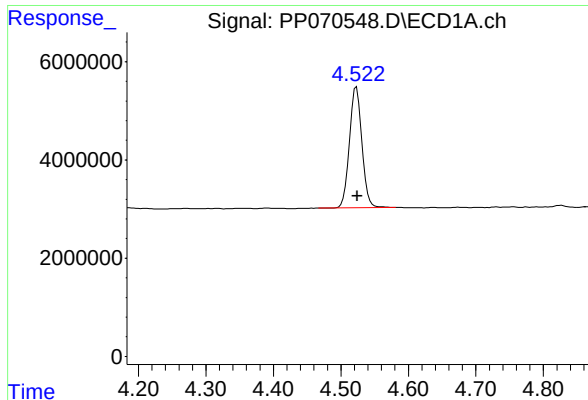
Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 01:59:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



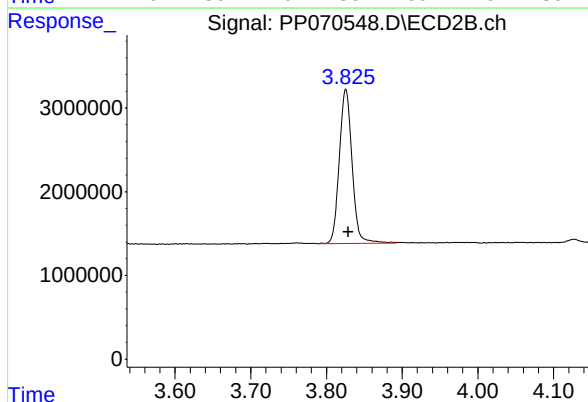




## #1 Tetrachloro-m-xylene

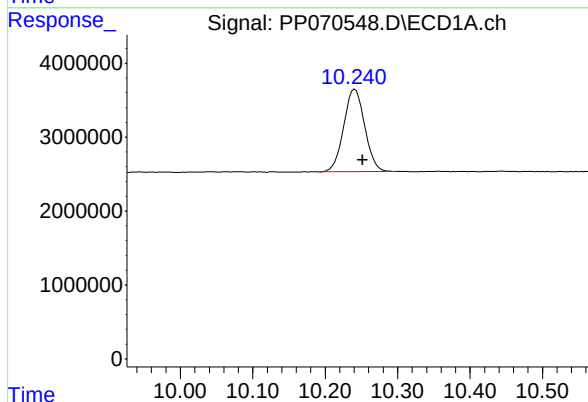
R.T.: 4.523 min  
Delta R.T.: 0.000 min  
Response: 31678309  
Conc: 20.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BL



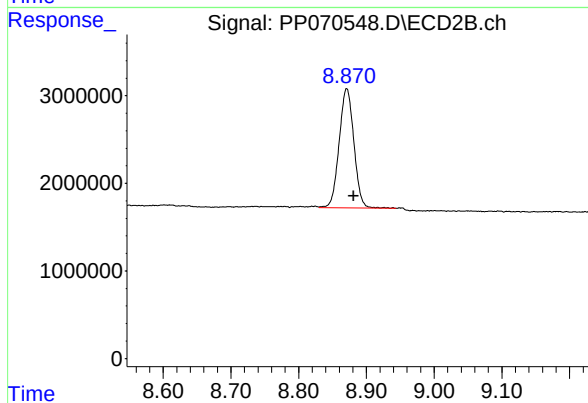
## #1 Tetrachloro-m-xylene

R.T.: 3.826 min  
Delta R.T.: -0.003 min  
Response: 21499894  
Conc: 21.45 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.241 min  
Delta R.T.: -0.011 min  
Response: 22520411  
Conc: 21.20 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.871 min  
Delta R.T.: -0.010 min  
Response: 20574512  
Conc: 21.03 ng/ml

## Report of Analysis

|                    |                                                   |                    |          |
|--------------------|---------------------------------------------------|--------------------|----------|
| Client:            | Weston Solutions                                  | Date Collected:    | 03/11/25 |
| Project:           | Fort Meade MD Tipton Airfield Parcel RI - 0111169 | Date Received:     | 03/11/25 |
| Client Sample ID:  | PIBLK-PP070418.D                                  | SDG No.:           | Q1569    |
| Lab Sample ID:     | I.BLK-PP070418.D                                  | Matrix:            | WATER    |
| Analytical Method: | SW8082A                                           | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000                                              | Units:             | mL       |
| Soil Aliquot Vol:  |                                                   |                    | uL       |
| Extraction Type:   |                                                   | Test:              | PCB      |
| GPC Factor :       | 1.0                                               | PH :               |          |
| Prep Method :      | 5030                                              | Injection Volume : |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP070418.D        | 1         |           | 03/11/25      | pp031125      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 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    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 22.0  |           | 60 - 140 |      | 110%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 23.1  |           | 60 - 140 |      | 116%       | SPK: 20 |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070418.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 14:57  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 03:02:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.526  | 3.828 | 34285116 | 23007566 | 22.043 | 22.955 |
| 2) SA Decachlor...          | 10.252 | 8.880 | 24539341 | 22949882 | 23.099 | 23.457 |

Target Compounds

-----

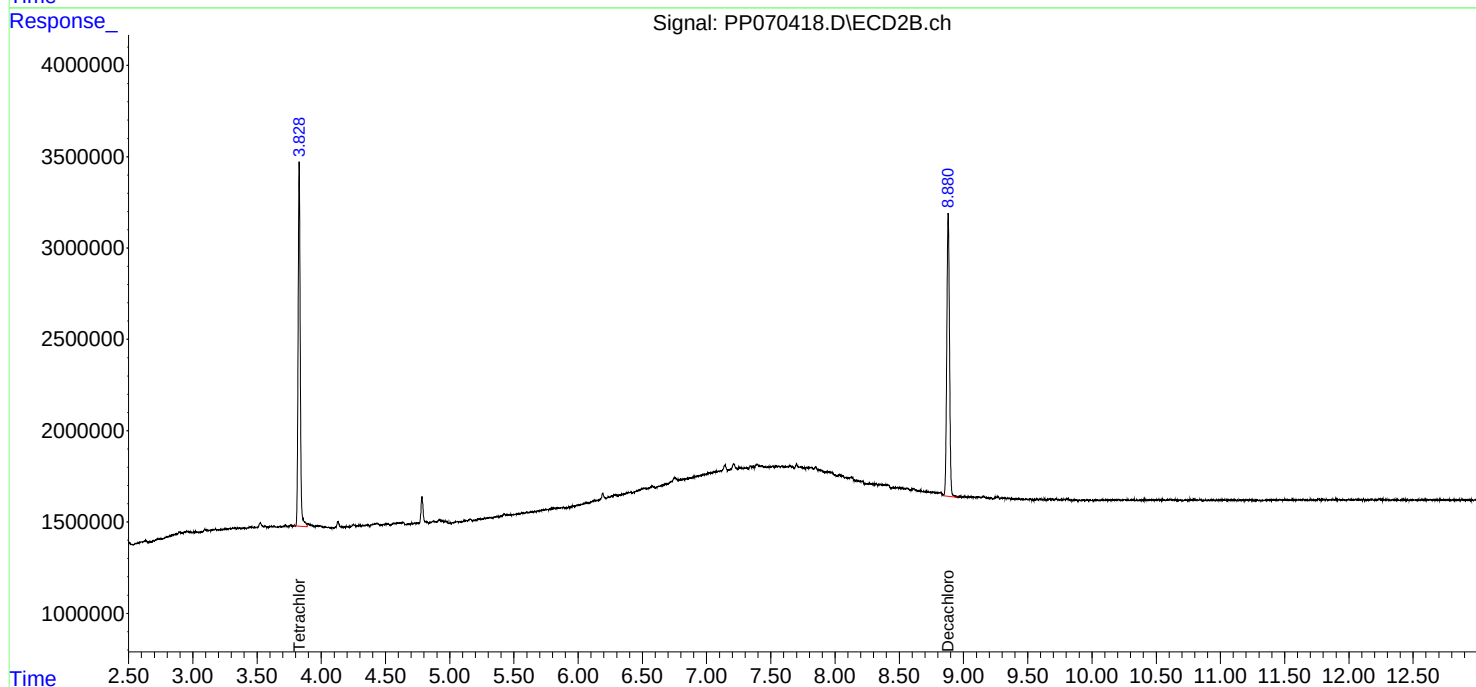
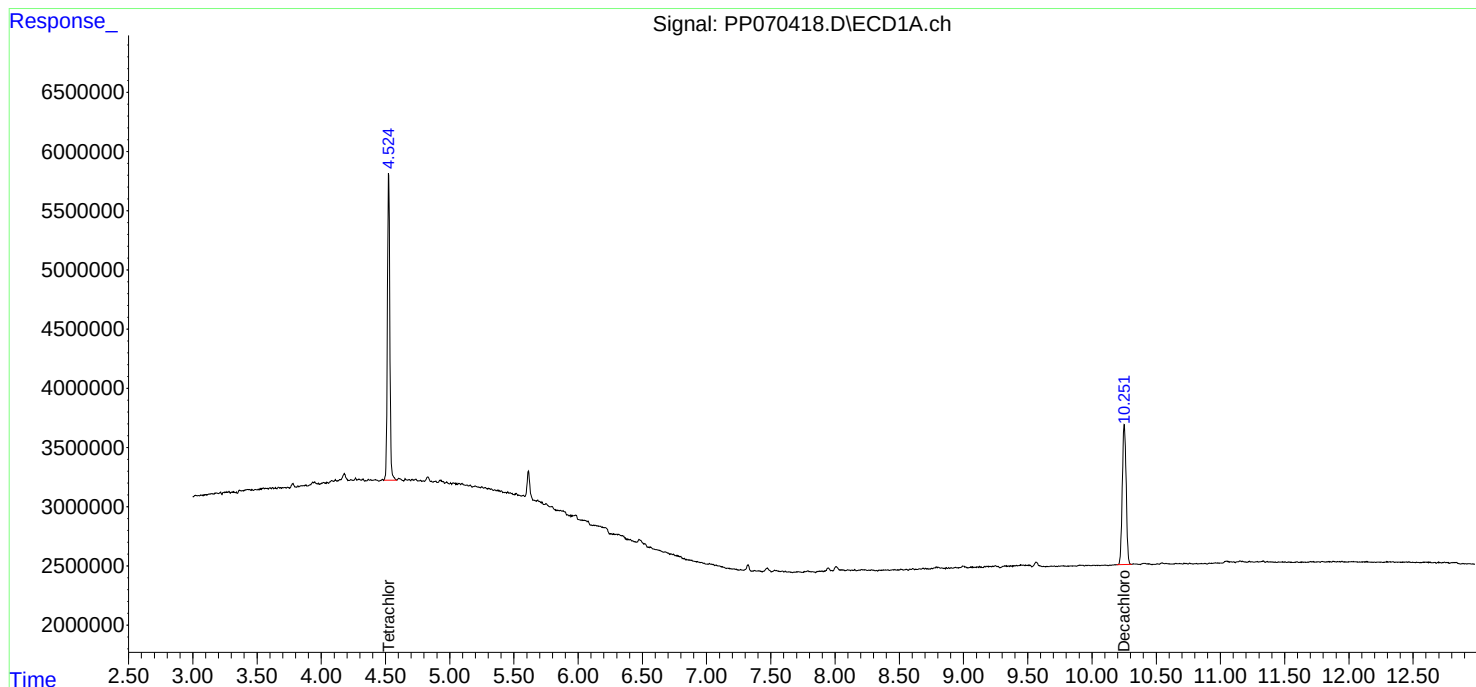
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

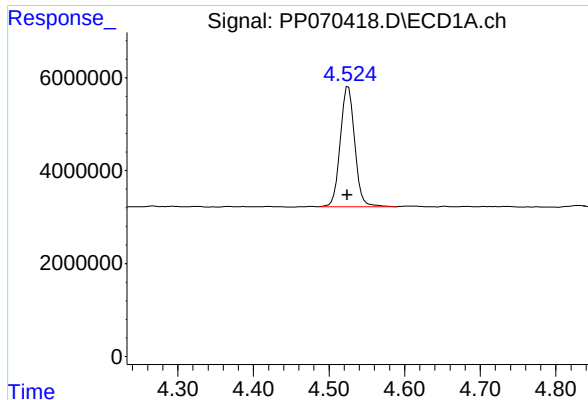
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070418.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 14:57  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 03:02:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

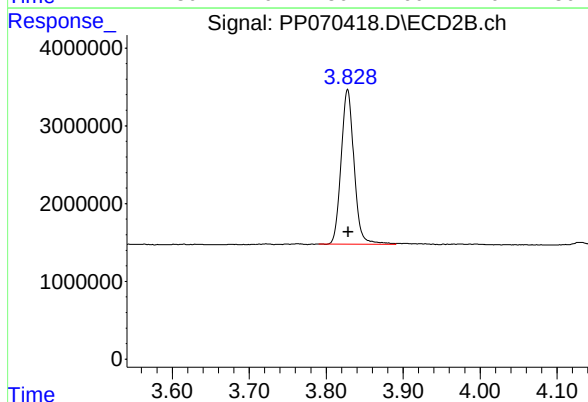




## #1 Tetrachloro-m-xylene

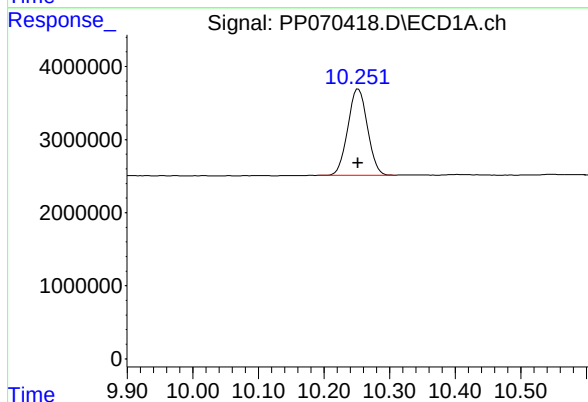
R.T.: 4.526 min  
Delta R.T.: 0.002 min  
Response: 34285116  
Conc: 22.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



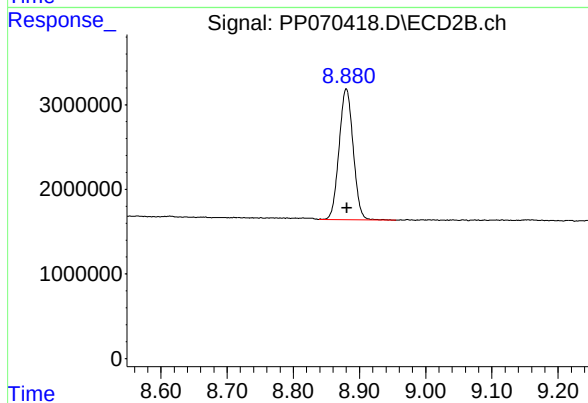
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 23007566  
Conc: 22.96 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.252 min  
Delta R.T.: 0.000 min  
Response: 24539341  
Conc: 23.10 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.880 min  
Delta R.T.: -0.001 min  
Response: 22949882  
Conc: 23.46 ng/ml

## Report of Analysis

|                    |                                                   |                    |          |
|--------------------|---------------------------------------------------|--------------------|----------|
| Client:            | Weston Solutions                                  | Date Collected:    | 03/14/25 |
| Project:           | Fort Meade MD Tipton Airfield Parcel RI - 0111169 | Date Received:     | 03/14/25 |
| Client Sample ID:  | PIBLK-PP070547.D                                  | SDG No.:           | Q1569    |
| Lab Sample ID:     | I.BLK-PP070547.D                                  | Matrix:            | WATER    |
| Analytical Method: | SW8082A                                           | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000 Units: mL                                    | Decanted:          |          |
| Soil Aliquot Vol:  | uL                                                | Final Vol:         | 10000 uL |
| Extraction Type:   |                                                   | Test:              | PCB      |
| GPC Factor :       | 1.0                                               | Injection Volume : |          |
| PH :               |                                                   |                    |          |
| Prep Method :      | 5030                                              |                    |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP070547.D        | 1         |           | 03/14/25      | pp031425      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 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    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 19.5  |           | 60 - 140 |      | 97%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.3  |           | 60 - 140 |      | 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 &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
 Data File : PP070547.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2025 22:20  
 Operator : YP\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 14 23:48:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.521  | 3.825 | 30287647 | 20508990 | 19.473 | 20.462 |
| 2) SA Decachlor...          | 10.241 | 8.871 | 21532021 | 19995397 | 20.268 | 20.438 |

Target Compounds

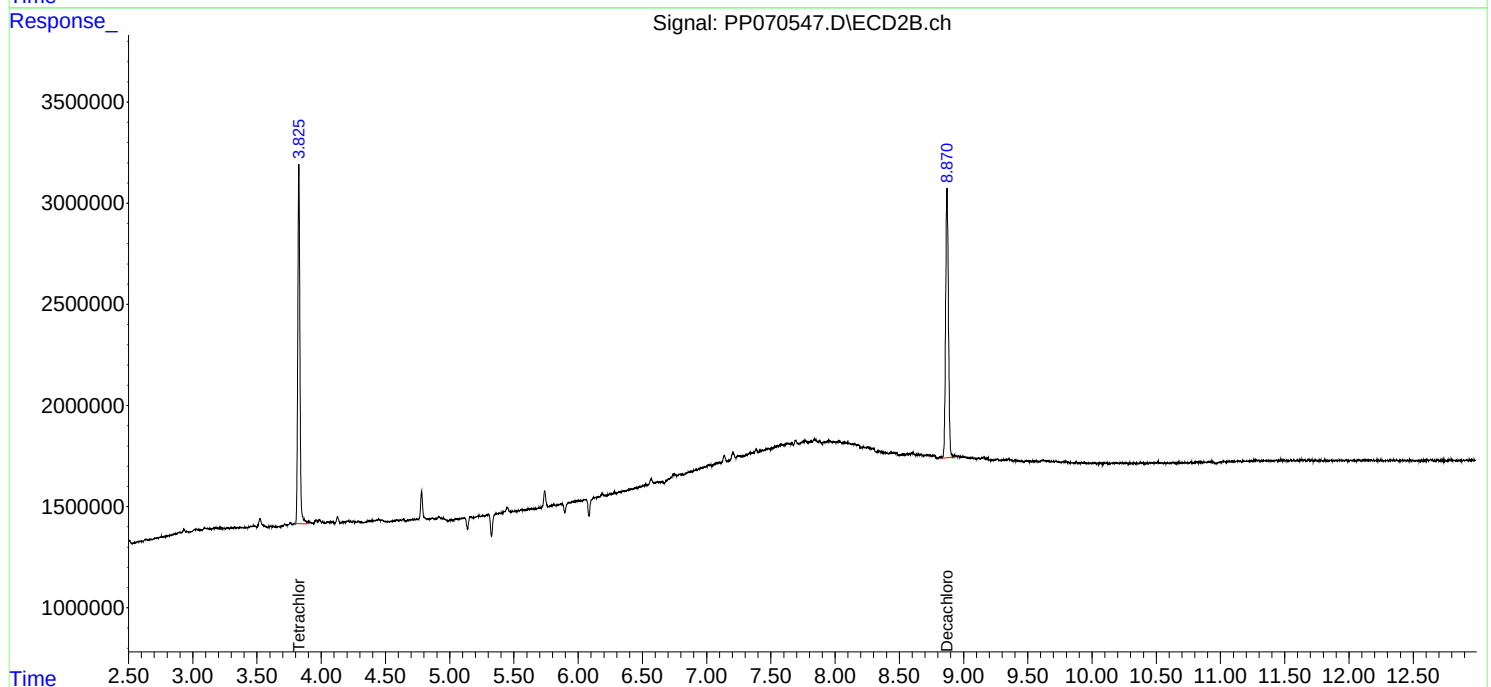
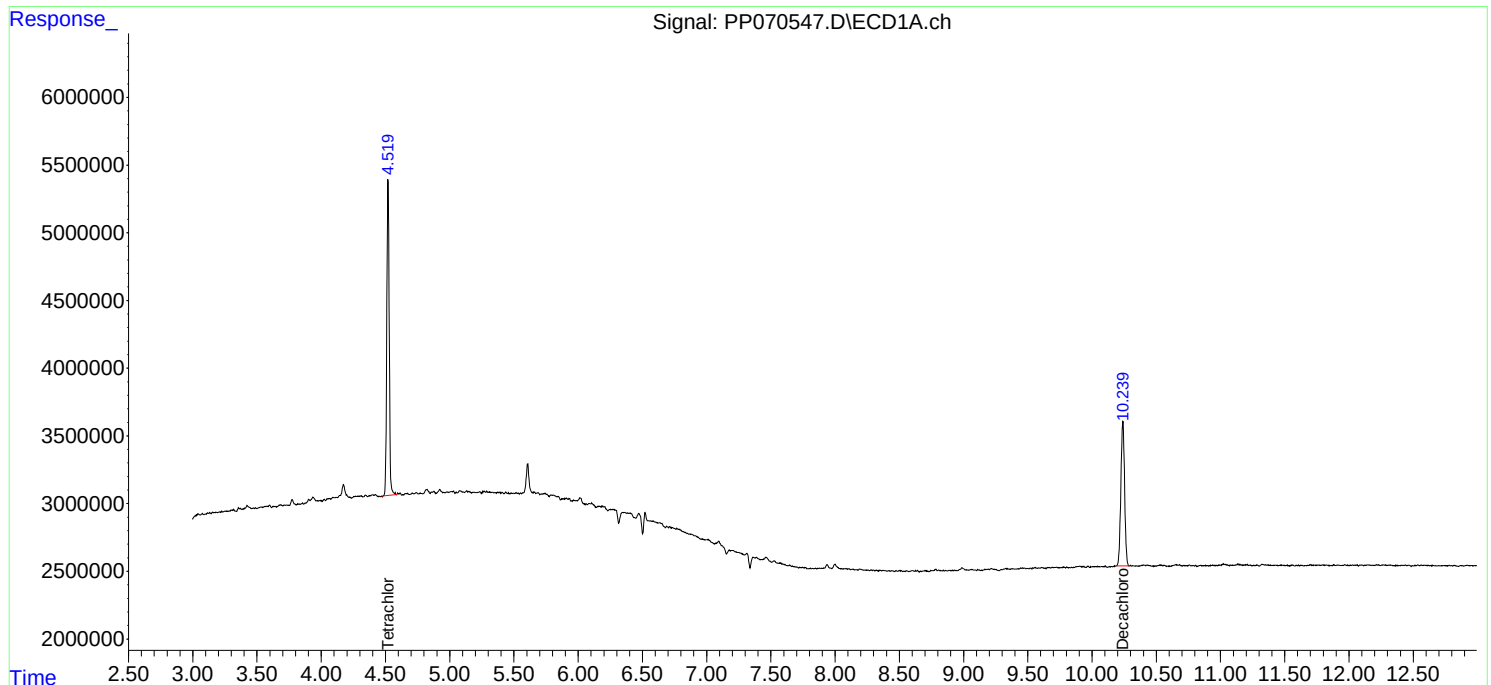
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070547.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2025 22:20  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

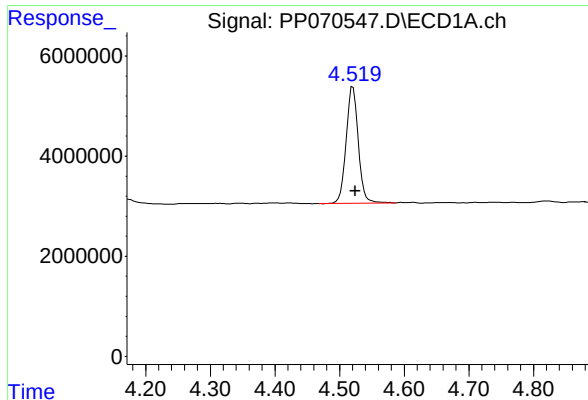
Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 23:48:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



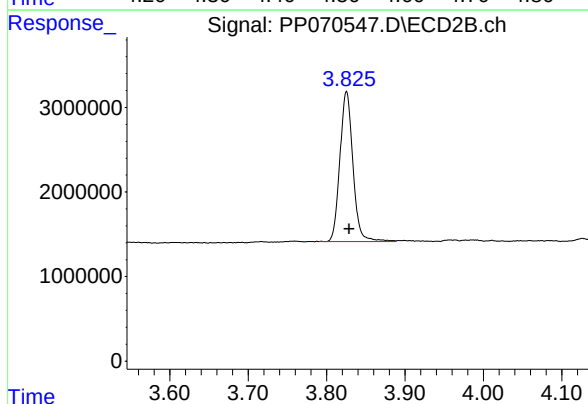




## #1 Tetrachloro-m-xylene

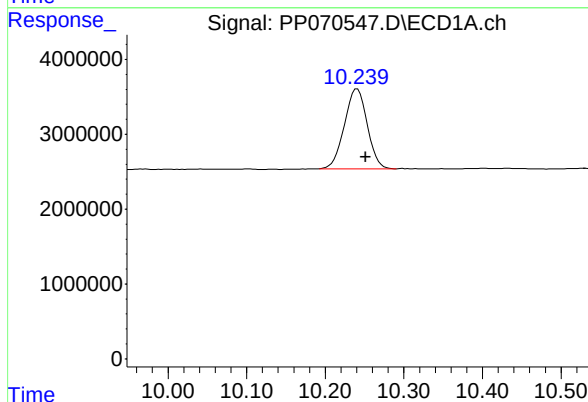
R.T.: 4.521 min  
Delta R.T.: -0.003 min  
Response: 30287647  
Conc: 19.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



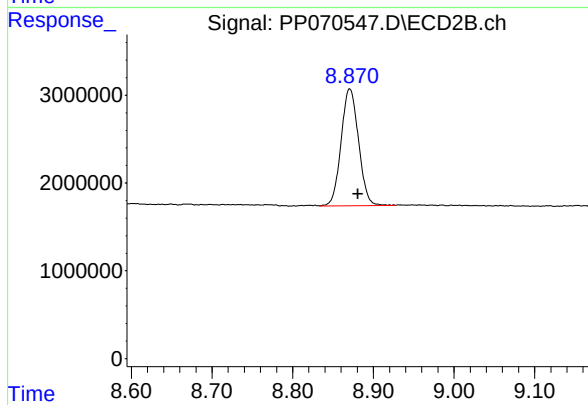
## #1 Tetrachloro-m-xylene

R.T.: 3.825 min  
Delta R.T.: -0.003 min  
Response: 20508990  
Conc: 20.46 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.241 min  
Delta R.T.: -0.011 min  
Response: 21532021  
Conc: 20.27 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.871 min  
Delta R.T.: -0.010 min  
Response: 19995397  
Conc: 20.44 ng/ml

## Report of Analysis

|                    |                                                   |                    |          |
|--------------------|---------------------------------------------------|--------------------|----------|
| Client:            | Weston Solutions                                  | Date Collected:    | 03/15/25 |
| Project:           | Fort Meade MD Tipton Airfield Parcel RI - 0111169 | Date Received:     | 03/15/25 |
| Client Sample ID:  | PIBLK-PP070562.D                                  | SDG No.:           | Q1569    |
| Lab Sample ID:     | I.BLK-PP070562.D                                  | Matrix:            | WATER    |
| Analytical Method: | SW8082A                                           | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000 Units: mL                                    | Decanted:          |          |
| Soil Aliquot Vol:  | uL                                                | Final Vol:         | 10000 uL |
| Extraction Type:   |                                                   | Test:              | PCB      |
| GPC Factor :       | 1.0                                               | Injection Volume : |          |
| PH :               |                                                   |                    |          |
| Prep Method :      | 5030                                              |                    |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP070562.D        | 1         |           | 03/15/25      | pp031425      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 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    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.1  |           | 60 - 140 |      | 100%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.2  |           | 60 - 140 |      | 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 &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070562.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2025 02:56  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 03:17:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.524  | 3.825 | 31206170 | 21223856 | 20.063 | 21.176 |
| 2) SA Decachlor...          | 10.242 | 8.871 | 22186192 | 19770553 | 20.884 | 20.208 |

Target Compounds

-----

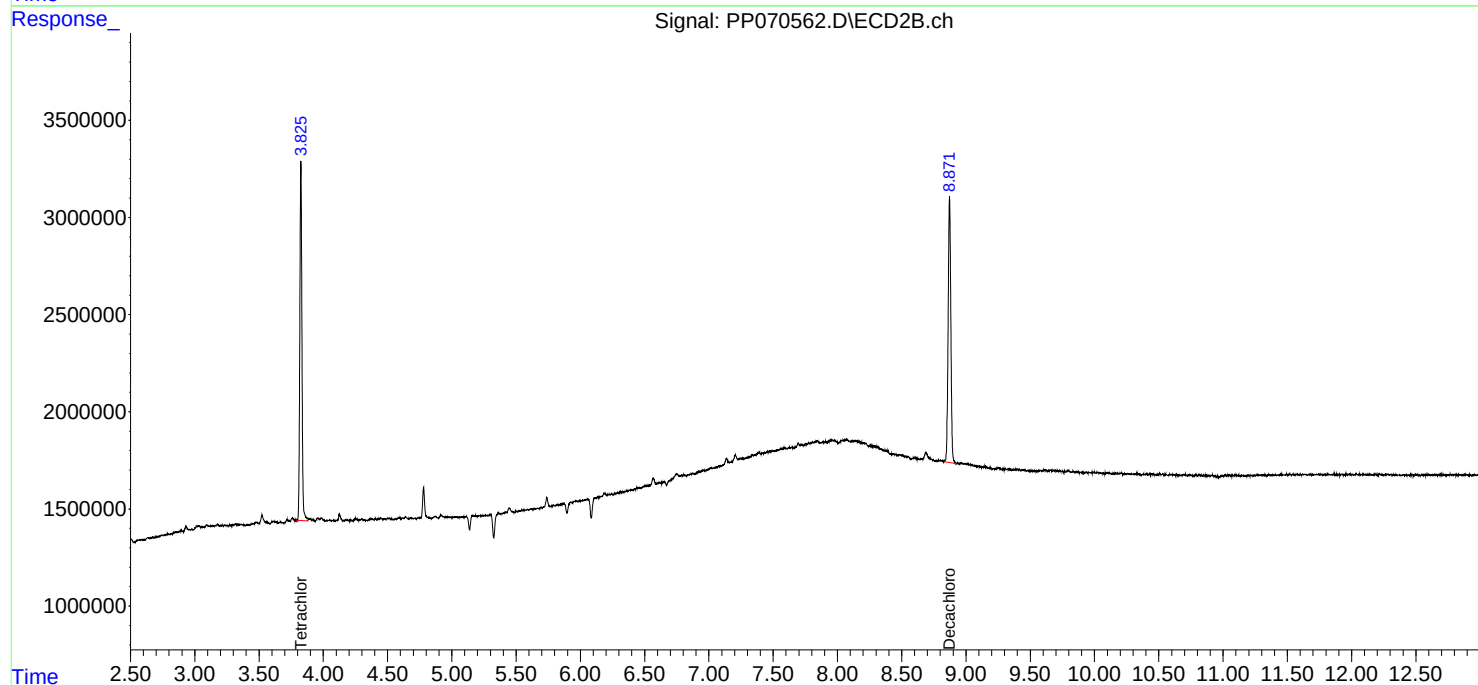
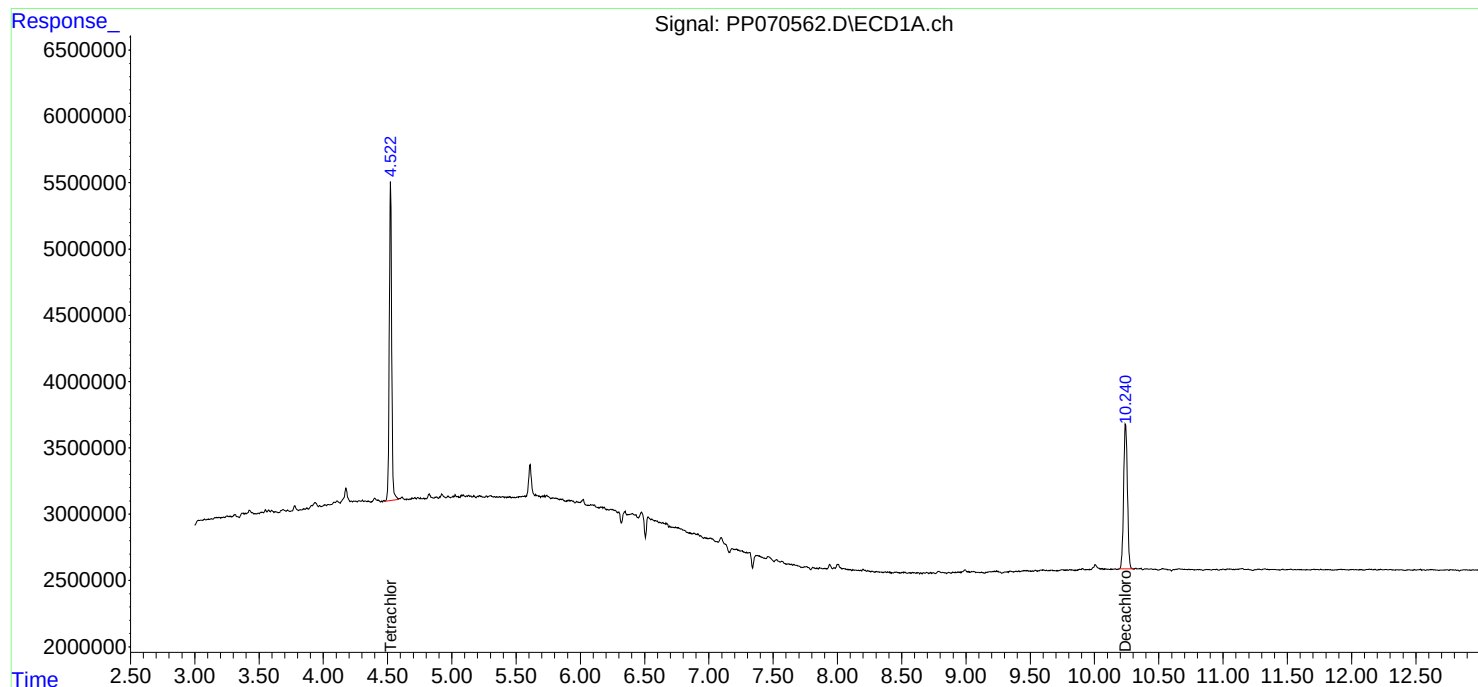
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

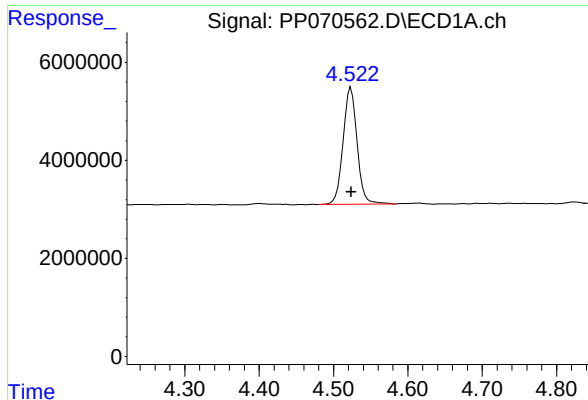
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070562.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2025 02:56  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 03:17:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

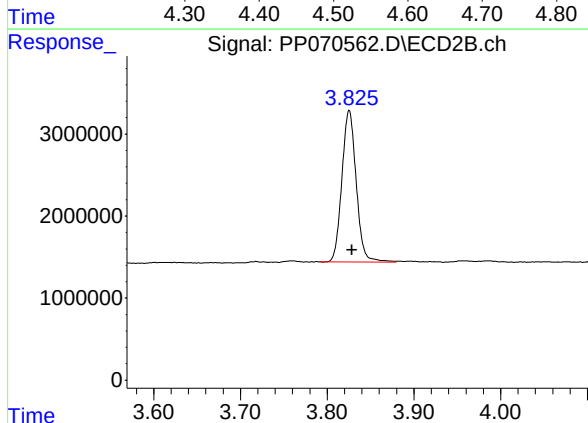




## #1 Tetrachloro-m-xylene

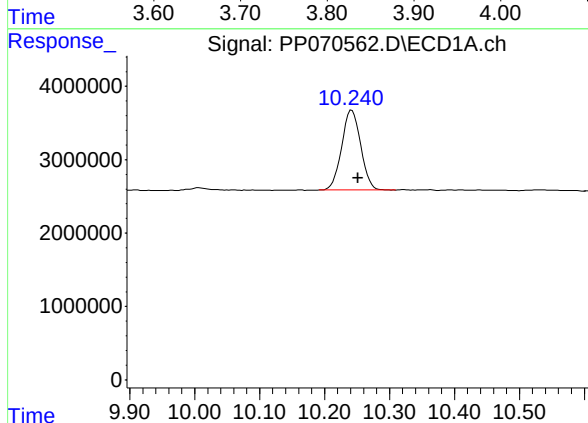
R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 31206170  
Conc: 20.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



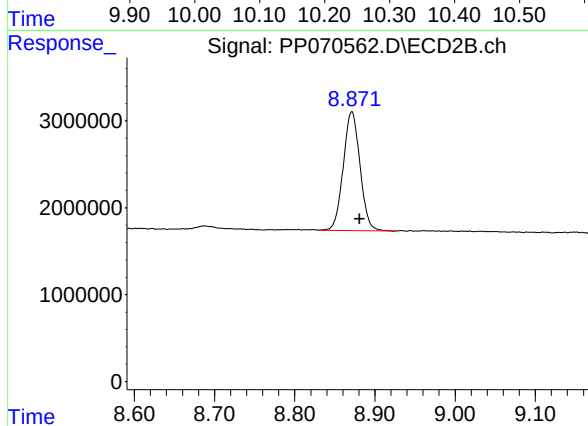
## #1 Tetrachloro-m-xylene

R.T.: 3.825 min  
Delta R.T.: -0.003 min  
Response: 21223856  
Conc: 21.18 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.242 min  
Delta R.T.: -0.010 min  
Response: 22186192  
Conc: 20.88 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.871 min  
Delta R.T.: -0.010 min  
Response: 19770553  
Conc: 20.21 ng/ml

## Report of Analysis

|                    |                                                   |                    |          |
|--------------------|---------------------------------------------------|--------------------|----------|
| Client:            | Weston Solutions                                  | Date Collected:    | 03/15/25 |
| Project:           | Fort Meade MD Tipton Airfield Parcel RI - 0111169 | Date Received:     | 03/15/25 |
| Client Sample ID:  | PIBLK-PP070572.D                                  | SDG No.:           | Q1569    |
| Lab Sample ID:     | I.BLK-PP070572.D                                  | Matrix:            | WATER    |
| Analytical Method: | SW8082A                                           | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000 Units: mL                                    | Decanted:          |          |
| Soil Aliquot Vol:  | uL                                                | Final Vol:         | 10000 uL |
| Extraction Type:   |                                                   | Test:              | PCB      |
| GPC Factor :       | 1.0                                               | Injection Volume : |          |
| PH :               |                                                   |                    |          |
| Prep Method :      | 5030                                              |                    |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP070572.D        | 1         |           | 03/15/25      | pp031425      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 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    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.2  |           | 60 - 140 |      | 101%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.5  |           | 60 - 140 |      | 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 &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
 Data File : PP070572.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Mar 2025 06:11  
 Operator : YP\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 07:22:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.523  | 3.826 | 31459905 | 21126630 | 20.226 | 21.079 |
| 2) SA Decachlor...          | 10.243 | 8.871 | 22297781 | 20019177 | 20.989 | 20.462 |

Target Compounds

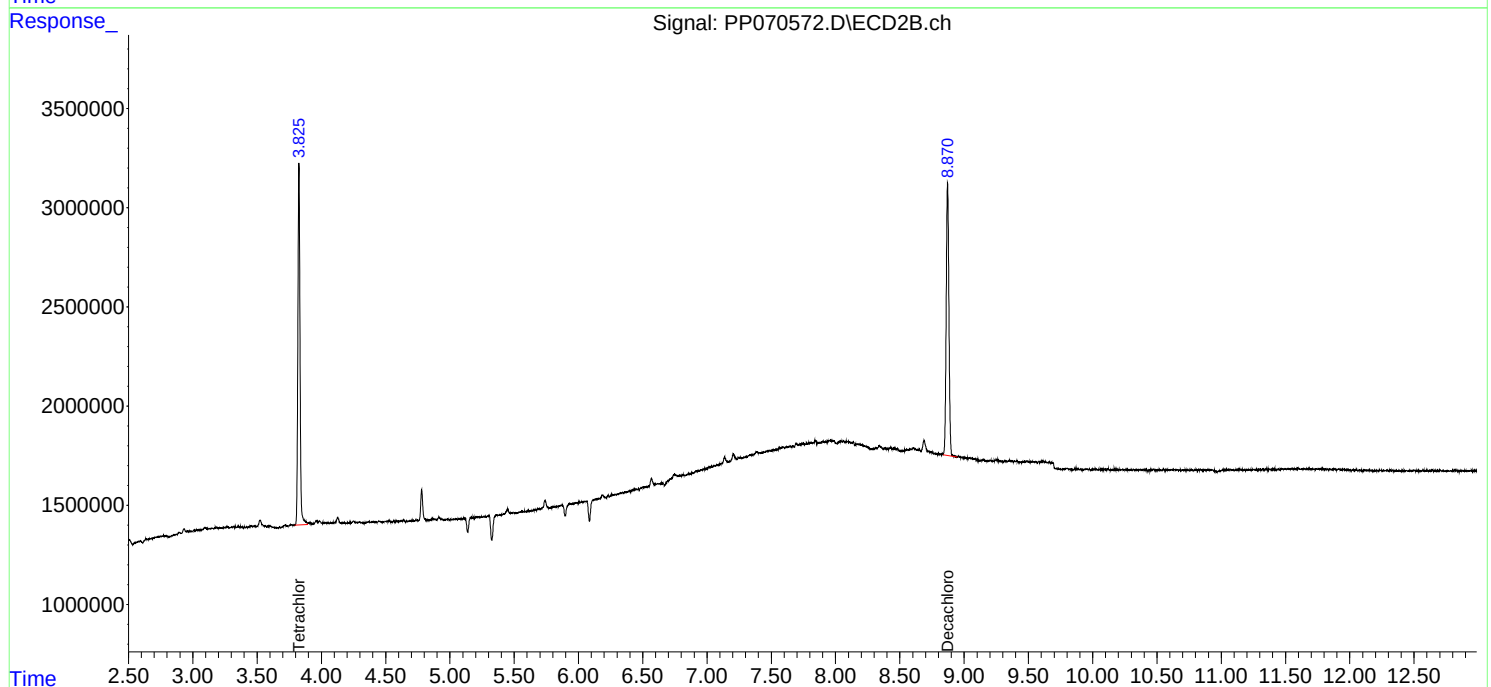
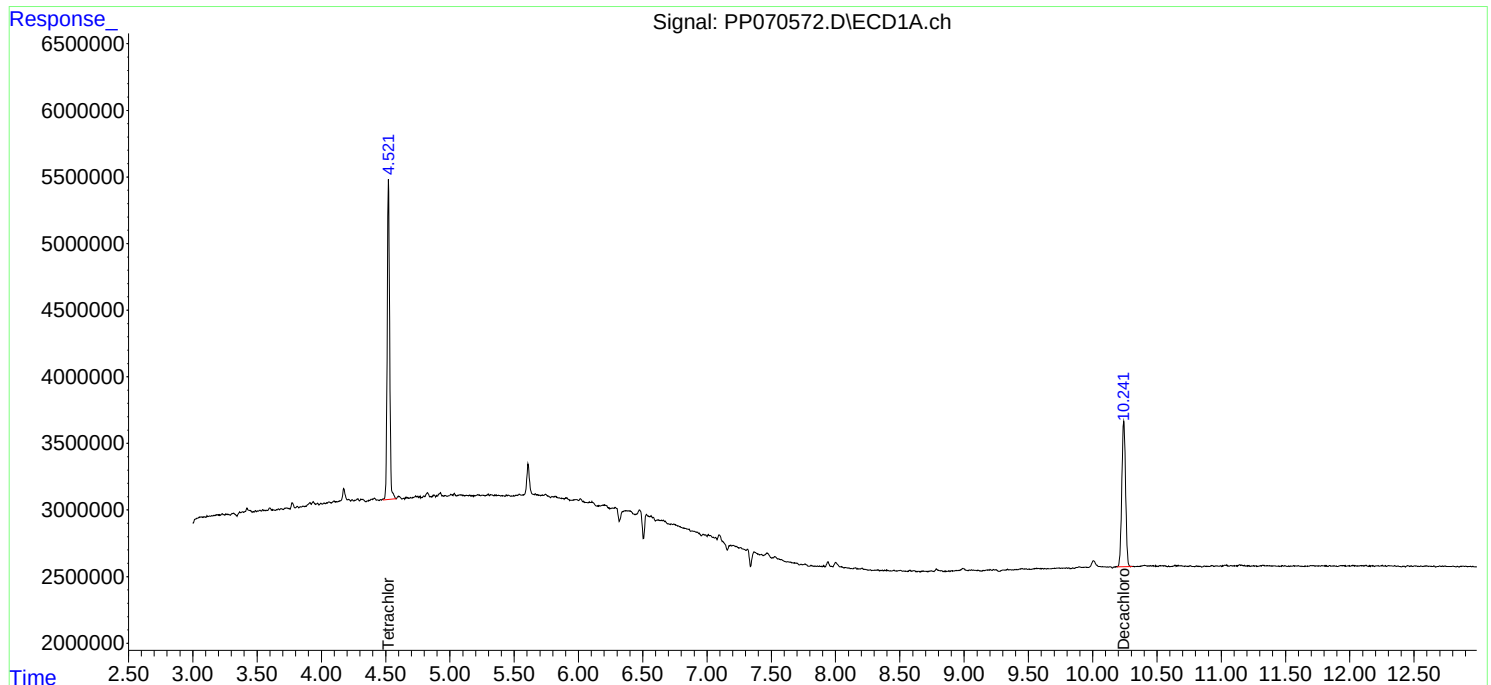
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070572.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2025 06:11  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

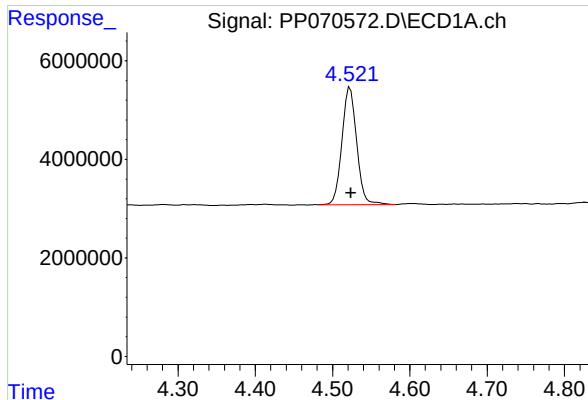
Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 07:22:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



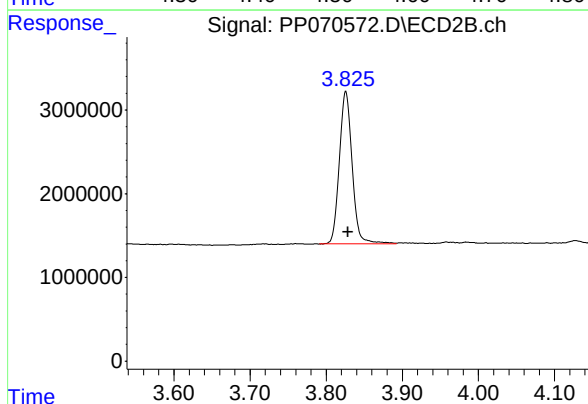




## #1 Tetrachloro-m-xylene

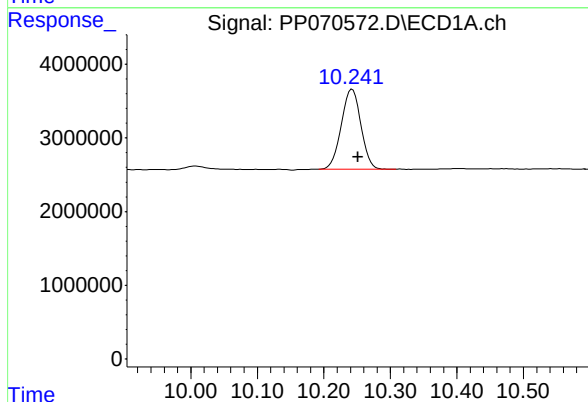
R.T.: 4.523 min  
Delta R.T.: -0.001 min  
Response: 31459905  
Conc: 20.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



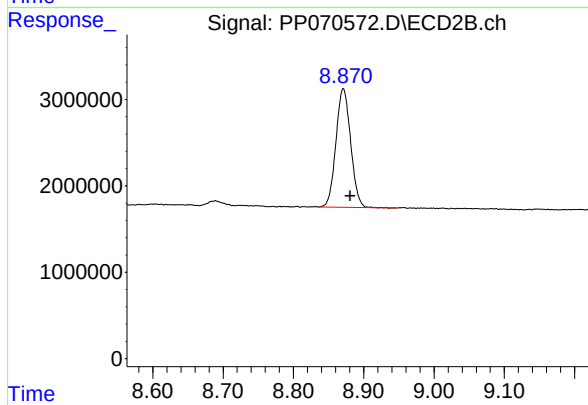
## #1 Tetrachloro-m-xylene

R.T.: 3.826 min  
Delta R.T.: -0.003 min  
Response: 21126630  
Conc: 21.08 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.243 min  
Delta R.T.: -0.009 min  
Response: 22297781  
Conc: 20.99 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.871 min  
Delta R.T.: -0.010 min  
Response: 20019177  
Conc: 20.46 ng/ml

## Report of Analysis

|                    |                                                   |                    |          |
|--------------------|---------------------------------------------------|--------------------|----------|
| Client:            | Weston Solutions                                  | Date Collected:    |          |
| Project:           | Fort Meade MD Tipton Airfield Parcel RI - 0111169 | Date Received:     |          |
| Client Sample ID:  | PB167143BS                                        | SDG No.:           | Q1569    |
| Lab Sample ID:     | PB167143BS                                        | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                                           | % Solid:           | 100      |
| Sample Wt/Vol:     | 30.03 Units: g                                    | Final Vol:         | 10000 uL |
| Soil Aliquot Vol:  | uL                                                | Test:              | PCB      |
| Extraction Type:   |                                                   | Injection Volume : |          |
| GPC Factor :       | 1.0                                               | PH :               |          |
| Prep Method :      | SW3541B                                           |                    |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP070549.D        | 1         | 03/14/25 12:25 | 03/14/25 22:52 | PB167143      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |                   |
| 12674-11-2        | Aroclor-1016         | 152   |           | 3.90     | 8.30 | 17.0       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 13.0  | U         | 4.00     | 13.0 | 17.0       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 8.30  | U         | 3.70     | 8.30 | 17.0       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 8.30  | U         | 4.00     | 8.30 | 17.0       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 13.0  | U         | 5.90     | 13.0 | 17.0       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 8.30  | U         | 3.20     | 8.30 | 17.0       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 13.0  | U         | 5.00     | 13.0 | 17.0       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 8.30  | U         | 3.60     | 8.30 | 17.0       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 145   |           | 3.20     | 8.30 | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |      |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 21.7  |           | 44 - 130 |      | 108%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.8  |           | 60 - 125 |      | 109%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
 Data File : PP070549.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2025 22:52  
 Operator : YP\AJ  
 Sample : PB167143BS  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

**Instrument :**

ECD\_P

**ClientSampleId :**

PB167143BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 03/17/2025

Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 01:59:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml   |
|-----------------------------|--------|-------|----------|----------|----------|---------|
| -----                       |        |       |          |          |          |         |
| System Monitoring Compounds |        |       |          |          |          |         |
| 1) SA Tetrachlo...          | 4.524  | 3.827 | 33205418 | 21721756 | 21.349   | 21.672  |
| 2) SA Decachlor...          | 10.242 | 8.872 | 23113123 | 19533518 | 21.757   | 19.966  |
| Target Compounds            |        |       |          |          |          |         |
| 3) L1 AR-1016-1             | 5.675  | 4.913 | 22655811 | 16838908 | 436.939  | 468.365 |
| 4) L1 AR-1016-2             | 5.697  | 4.932 | 33659019 | 23292035 | 470.461  | 448.211 |
| 5) L1 AR-1016-3             | 5.759  | 5.109 | 20019488 | 13110139 | 439.622  | 460.758 |
| 6) L1 AR-1016-4             | 5.856  | 5.150 | 16488008 | 10187202 | 422.360  | 454.991 |
| 7) L1 AR-1016-5             | 6.149  | 5.366 | 14814899 | 13366592 | 427.904  | 449.768 |
| 31) L7 AR-1260-1            | 7.268  | 6.402 | 28474787 | 23132691 | 484.775  | 464.658 |
| 32) L7 AR-1260-2            | 7.522  | 6.590 | 38514455 | 30113094 | 469.442  | 455.655 |
| 33) L7 AR-1260-3            | 7.880  | 6.743 | 26305571 | 26221520 | 400.038  | 458.439 |
| 34) L7 AR-1260-4            | 8.102  | 7.215 | 27028438 | 19782442 | 413.641m | 386.651 |
| 35) L7 AR-1260-5            | 8.424  | 7.456 | 56522478 | 50192203 | 413.546  | 389.736 |
| -----                       |        |       |          |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070549.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2025 22:52  
Operator : YP\AJ  
Sample : PB167143BS  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

## Instrument :

ECD\_P

## ClientSampleId :

PB167143BS

## Manual Integrations

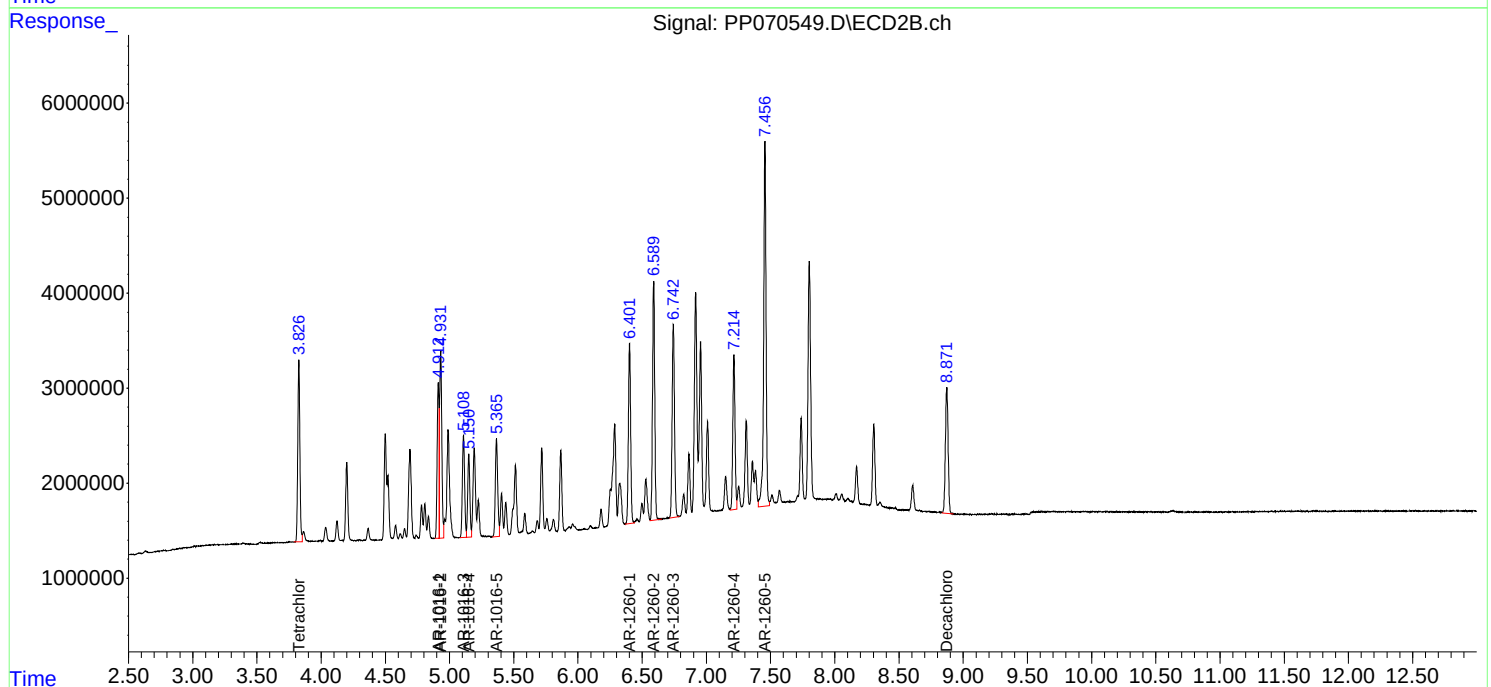
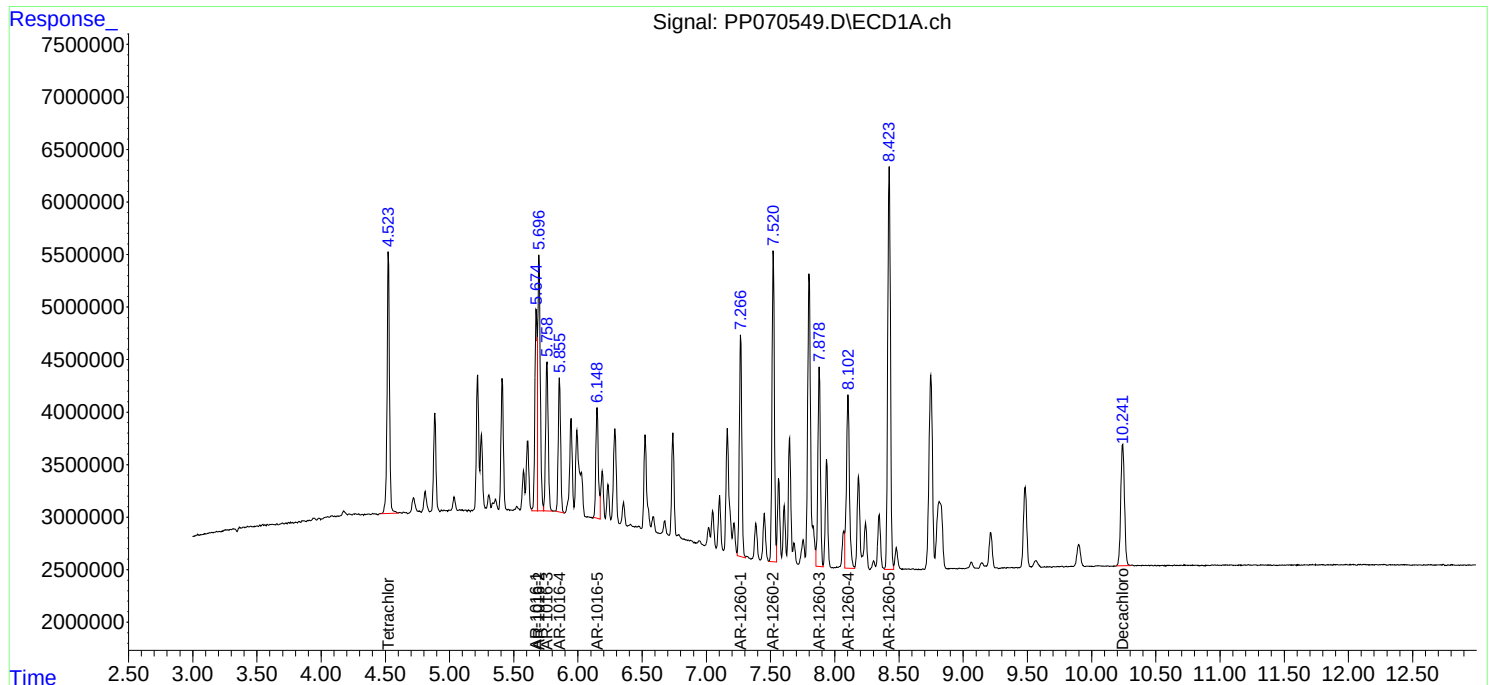
## APPROVED

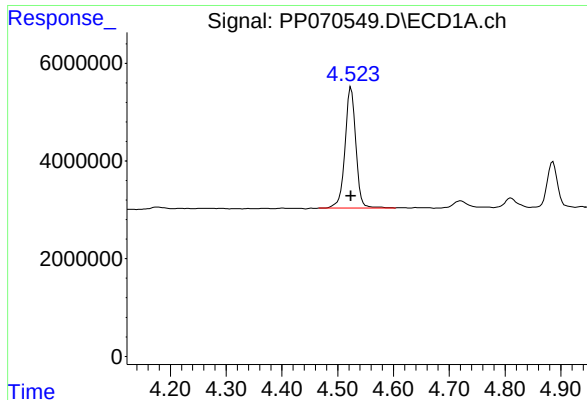
Reviewed By :Yogesh Patel 03/17/2025

Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 01:59:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





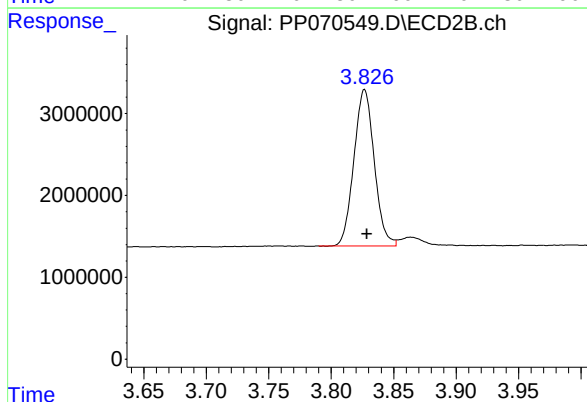
## #1 Tetrachloro-m-xylene

R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 33205418  
Conc: 21.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS

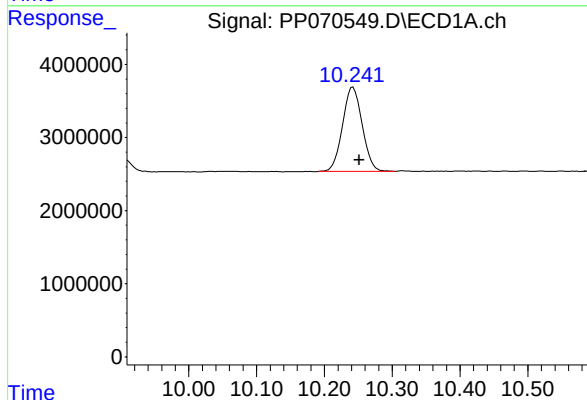
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



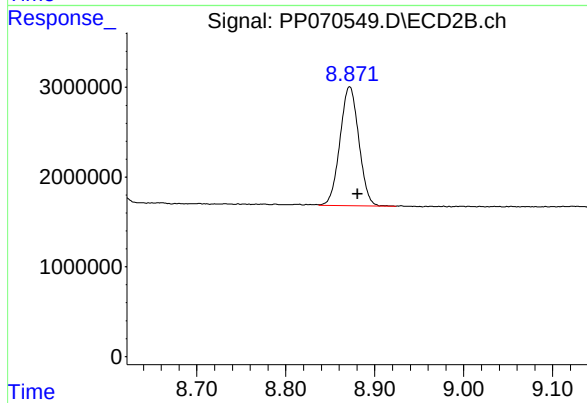
## #1 Tetrachloro-m-xylene

R.T.: 3.827 min  
Delta R.T.: -0.002 min  
Response: 21721756  
Conc: 21.67 ng/ml



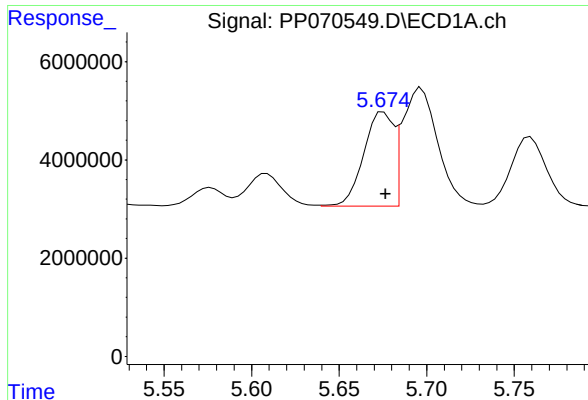
## #2 Decachlorobiphenyl

R.T.: 10.242 min  
Delta R.T.: -0.009 min  
Response: 23113123  
Conc: 21.76 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.872 min  
Delta R.T.: -0.009 min  
Response: 19533518  
Conc: 19.97 ng/ml



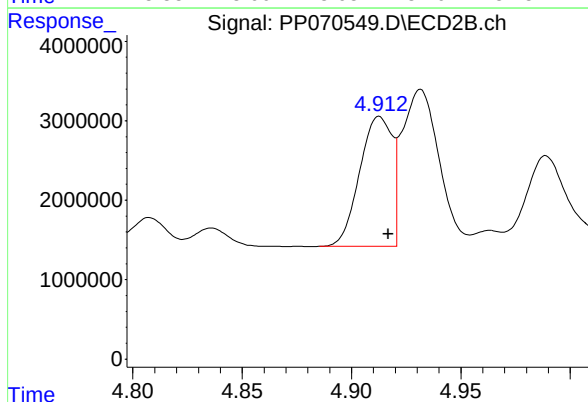
#3 AR-1016-1

R.T.: 5.675 min  
Delta R.T.: -0.001 min  
Response: 22655811  
Conc: 436.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS

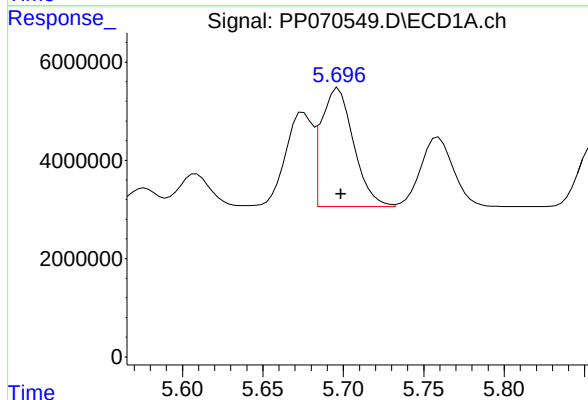
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



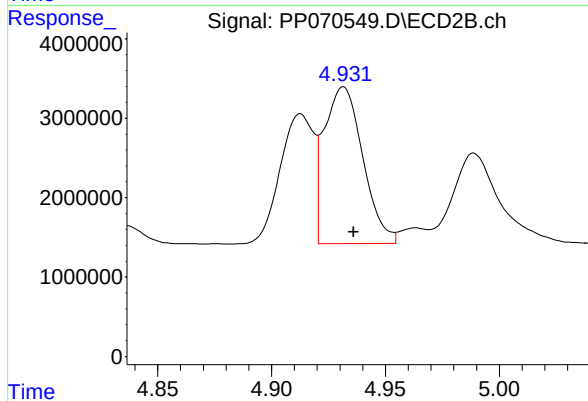
#3 AR-1016-1

R.T.: 4.913 min  
Delta R.T.: -0.004 min  
Response: 16838908  
Conc: 468.36 ng/ml



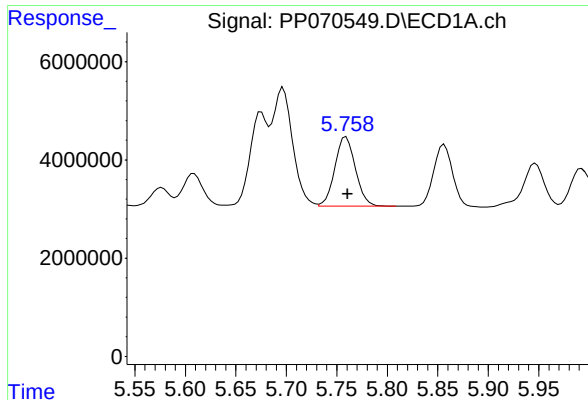
#4 AR-1016-2

R.T.: 5.697 min  
Delta R.T.: -0.002 min  
Response: 33659019  
Conc: 470.46 ng/ml



#4 AR-1016-2

R.T.: 4.932 min  
Delta R.T.: -0.004 min  
Response: 23292035  
Conc: 448.21 ng/ml



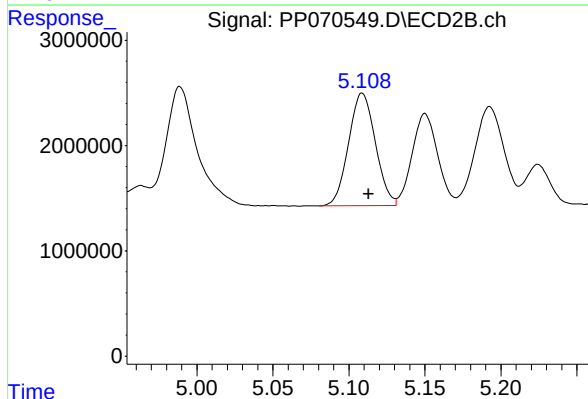
#5 AR-1016-3

R.T.: 5.759 min  
Delta R.T.: -0.002 min  
Response: 20019488  
Conc: 439.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS

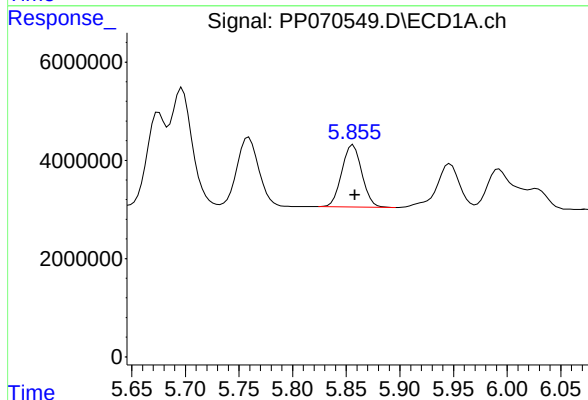
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



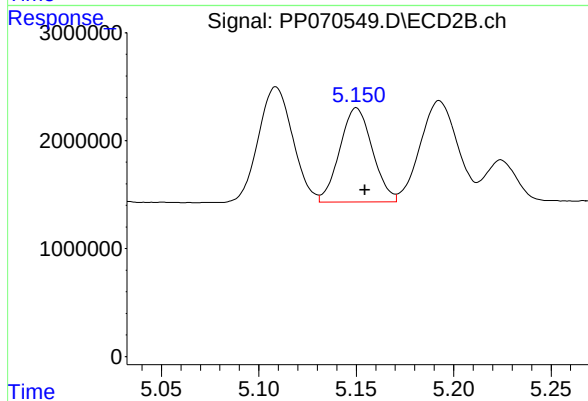
#5 AR-1016-3

R.T.: 5.109 min  
Delta R.T.: -0.004 min  
Response: 13110139  
Conc: 460.76 ng/ml



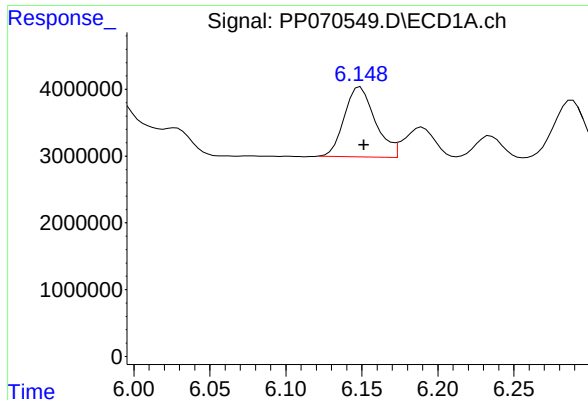
#6 AR-1016-4

R.T.: 5.856 min  
Delta R.T.: -0.002 min  
Response: 16488008  
Conc: 422.36 ng/ml



#6 AR-1016-4

R.T.: 5.150 min  
Delta R.T.: -0.004 min  
Response: 10187202  
Conc: 454.99 ng/ml



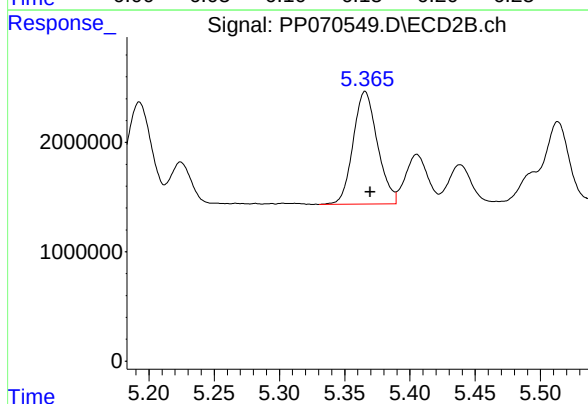
#7 AR-1016-5

R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 14814899  
Conc: 427.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS

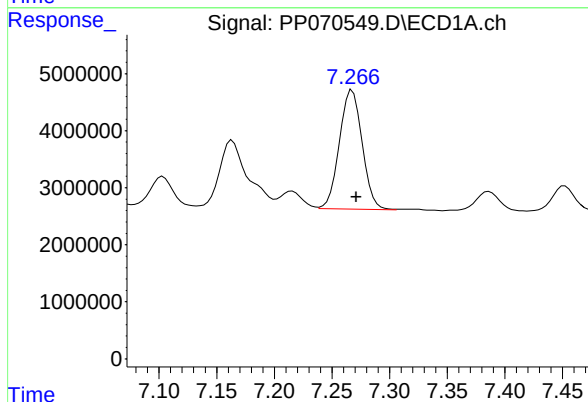
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



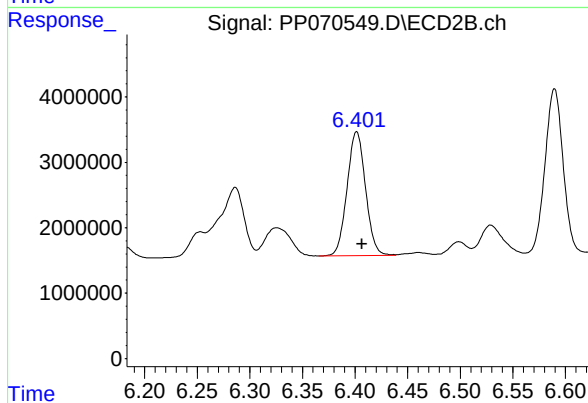
#7 AR-1016-5

R.T.: 5.366 min  
Delta R.T.: -0.004 min  
Response: 13366592  
Conc: 449.77 ng/ml



#31 AR-1260-1

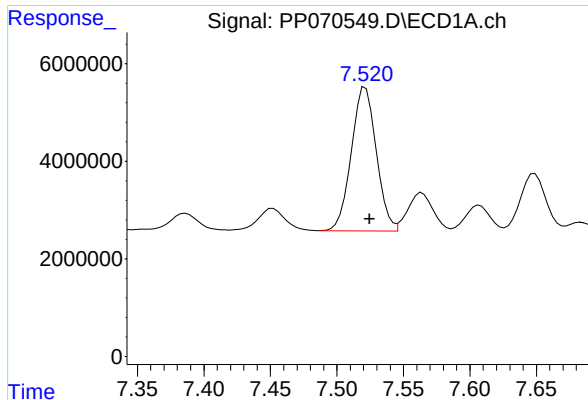
R.T.: 7.268 min  
Delta R.T.: -0.003 min  
Response: 28474787  
Conc: 484.77 ng/ml



#31 AR-1260-1

R.T.: 6.402 min  
Delta R.T.: -0.005 min  
Response: 23132691  
Conc: 464.66 ng/ml





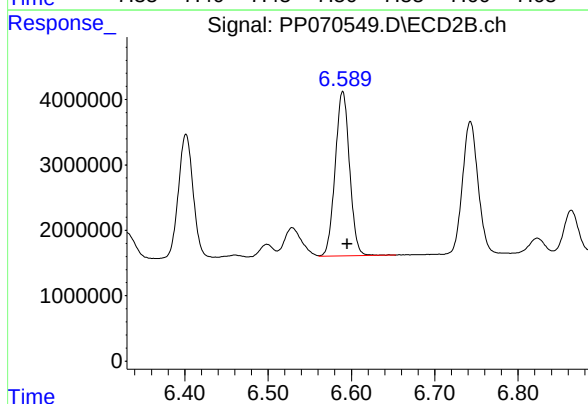
#32 AR-1260-2

R.T.: 7.522 min  
Delta R.T.: -0.003 min  
Response: 38514455  
Conc: 469.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS

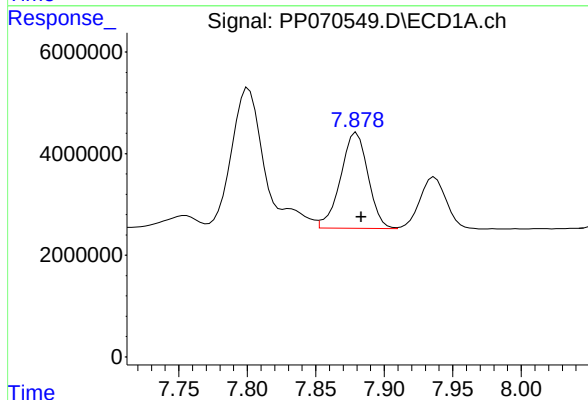
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



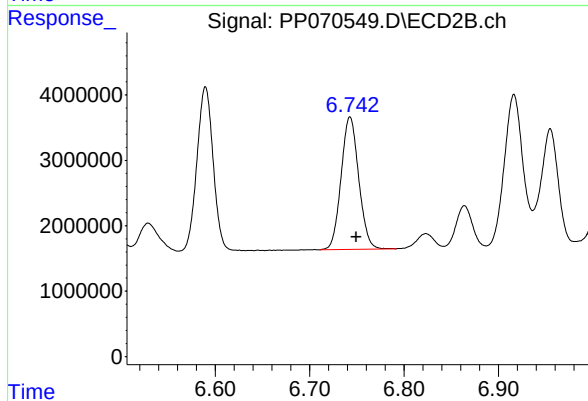
#32 AR-1260-2

R.T.: 6.590 min  
Delta R.T.: -0.005 min  
Response: 30113094  
Conc: 455.66 ng/ml



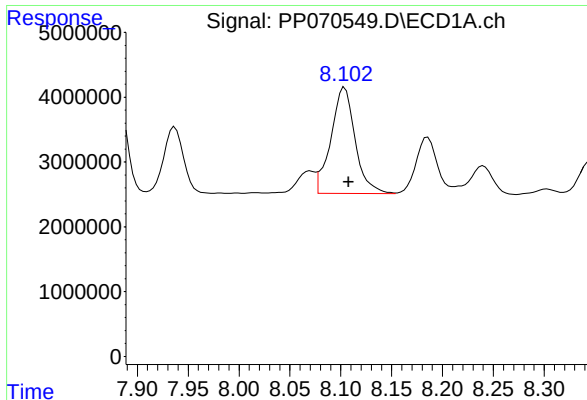
#33 AR-1260-3

R.T.: 7.880 min  
Delta R.T.: -0.003 min  
Response: 26305571  
Conc: 400.04 ng/ml



#33 AR-1260-3

R.T.: 6.743 min  
Delta R.T.: -0.006 min  
Response: 26221520  
Conc: 458.44 ng/ml



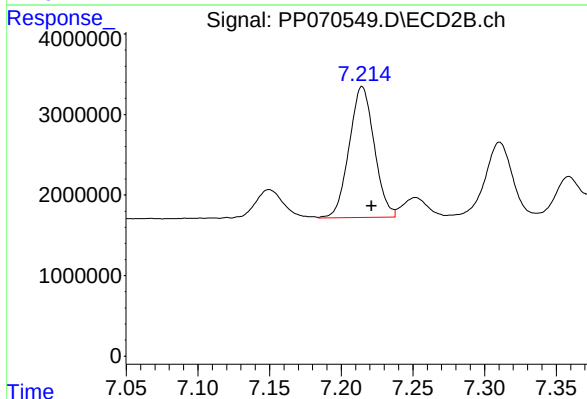
#34 AR-1260-4

R.T.: 8.102 min  
Delta R.T.: -0.005 min  
Response: 27028438  
Conc: 413.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS

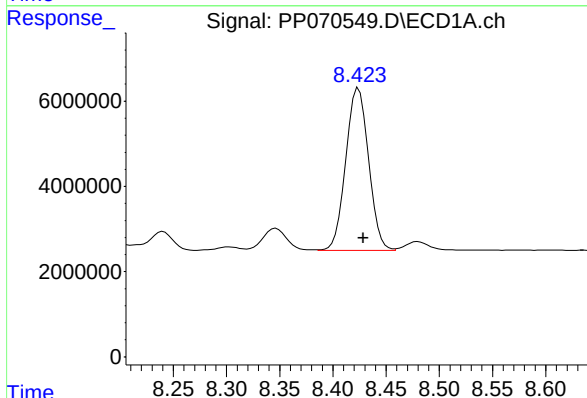
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



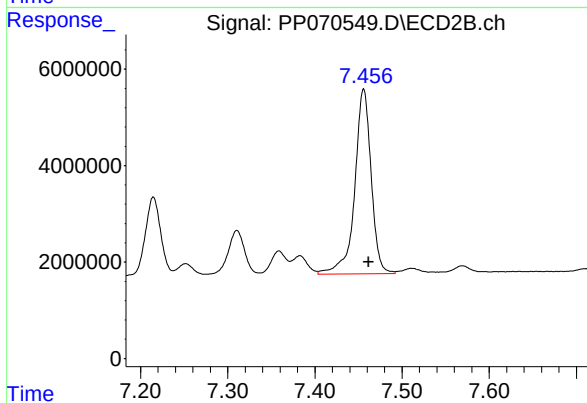
#34 AR-1260-4

R.T.: 7.215 min  
Delta R.T.: -0.007 min  
Response: 19782442  
Conc: 386.65 ng/ml



#35 AR-1260-5

R.T.: 8.424 min  
Delta R.T.: -0.004 min  
Response: 56522478  
Conc: 413.55 ng/ml



#35 AR-1260-5

R.T.: 7.456 min  
Delta R.T.: -0.006 min  
Response: 50192203  
Conc: 389.74 ng/ml

## Report of Analysis

|                    |                                                   |                    |          |
|--------------------|---------------------------------------------------|--------------------|----------|
| Client:            | Weston Solutions                                  | Date Collected:    | 03/12/25 |
| Project:           | Fort Meade MD Tipton Airfield Parcel RI - 0111169 | Date Received:     | 03/14/25 |
| Client Sample ID:  | C0018MS                                           | SDG No.:           | Q1569    |
| Lab Sample ID:     | Q1572-06MS                                        | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                                           | % Solid:           | 76       |
| Sample Wt/Vol:     | 30.07 Units: g                                    | Final Vol:         | 10000 uL |
| Soil Aliquot Vol:  | uL                                                | Test:              | PCB      |
| Extraction Type:   |                                                   | Injection Volume : |          |
| GPC Factor :       | 1.0                                               | PH :               |          |
| Prep Method :      | SW3541B                                           |                    |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP070564.D        | 1         | 03/14/25 12:25 | 03/15/25 03:29 | PB167143      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |                   |
| 12674-11-2        | Aroclor-1016         | 16000 | E         | 5.20     | 10.9 | 22.3       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 17.1  | U         | 5.30     | 17.1 | 22.3       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 10.9  | U         | 4.90     | 10.9 | 22.3       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 10.9  | U         | 5.30     | 10.9 | 22.3       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 18000 | E         | 7.80     | 17.1 | 22.3       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 10.9  | U         | 4.20     | 10.9 | 22.3       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 17.1  | U         | 6.60     | 17.1 | 22.3       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 10.9  | U         | 4.70     | 10.9 | 22.3       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 1300  | E         | 4.20     | 10.9 | 22.3       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |      |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 20.3  |           | 44 - 130 |      | 101%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 34.0  | *         | 60 - 125 |      | 170%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
 Data File : PP070564.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Mar 2025 03:29  
 Operator : YP\AJ  
 Sample : Q1572-06MS  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 C0018MS

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
 Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 04:29:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml      | ng/ml       |
|-----------------------------|--------|-------|----------|----------|------------|-------------|
| -----                       |        |       |          |          |            |             |
| System Monitoring Compounds |        |       |          |          |            |             |
| 1) SA Tetrachlo...          | 4.523  | 3.826 | 31492424 | 19015081 | 20.247     | 18.972      |
| 2) SA Decachlor...          | 10.241 | 8.872 | 23103528 | 33309847 | 21.748m    | 34.047m#    |
| Target Compounds            |        |       |          |          |            |             |
| 3) L1 AR-1016-1             | 5.675  | 4.913 | 1545.8E6 | 1027.1E6 | 29811.971  | 28568.783   |
| 4) L1 AR-1016-2             | 5.697  | 4.932 | 2869.3E6 | 1817.2E6 | 40104.719  | 34967.922   |
| 5) L1 AR-1016-3             | 5.762  | 5.109 | 286.7E6  | 860.8E6  | 6295.985   | 30253.551 # |
| 6) L1 AR-1016-4             | 5.855  | 5.150 | 1261.6E6 | 998.4E6  | 32317.971  | 44590.873 # |
| 7) L1 AR-1016-5             | 6.147  | 5.365 | 1967.9E6 | 1421.1E6 | 56839.757m | 47818.941   |
| 21) L5 AR-1248-1            | 5.675  | 4.913 | 1545.8E6 | 1027.1E6 | 45256.716  | 43752.792   |
| 22) L5 AR-1248-2            | 5.946  | 5.150 | 1587.1E6 | 998.4E6  | 37389.363  | 31893.782   |
| 23) L5 AR-1248-3            | 6.147  | 5.192 | 1971.4E6 | 1118.7E6 | 42719.007m | 35266.768   |
| 24) L5 AR-1248-4            | 6.547  | 5.365 | 2211.6E6 | 1421.1E6 | 38136.398  | 36464.194   |
| 25) L5 AR-1248-5            | 6.586  | 5.759 | 2198.5E6 | 1430.4E6 | 40950.306  | 37557.199   |
| 31) L7 AR-1260-1            | 7.268  | 6.413 | 197.7E6  | 373.7E6  | 3366.027   | 7505.712m#  |
| 32) L7 AR-1260-2            | 7.520  | 6.589 | 343.1E6  | 135.4E6  | 4181.896   | 2048.218 #  |
| 33) L7 AR-1260-3            | 7.878  | 6.742 | 140.0E6  | 149.3E6  | 2129.150   | 2610.828    |
| 34) L7 AR-1260-4            | 8.099  | 7.215 | 174.2E6  | 76097429 | 2666.075   | 1487.338 #  |
| 35) L7 AR-1260-5            | 8.424  | 7.455 | 232.7E6  | 221.6E6  | 1702.840   | 1720.632    |
| -----                       |        |       |          |          |            |             |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070564.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2025 03:29  
Operator : YP\AJ  
Sample : Q1572-06MS  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

## Instrument :

ECD\_P

ClientSampleId :

C0018MS

## Manual Integrations

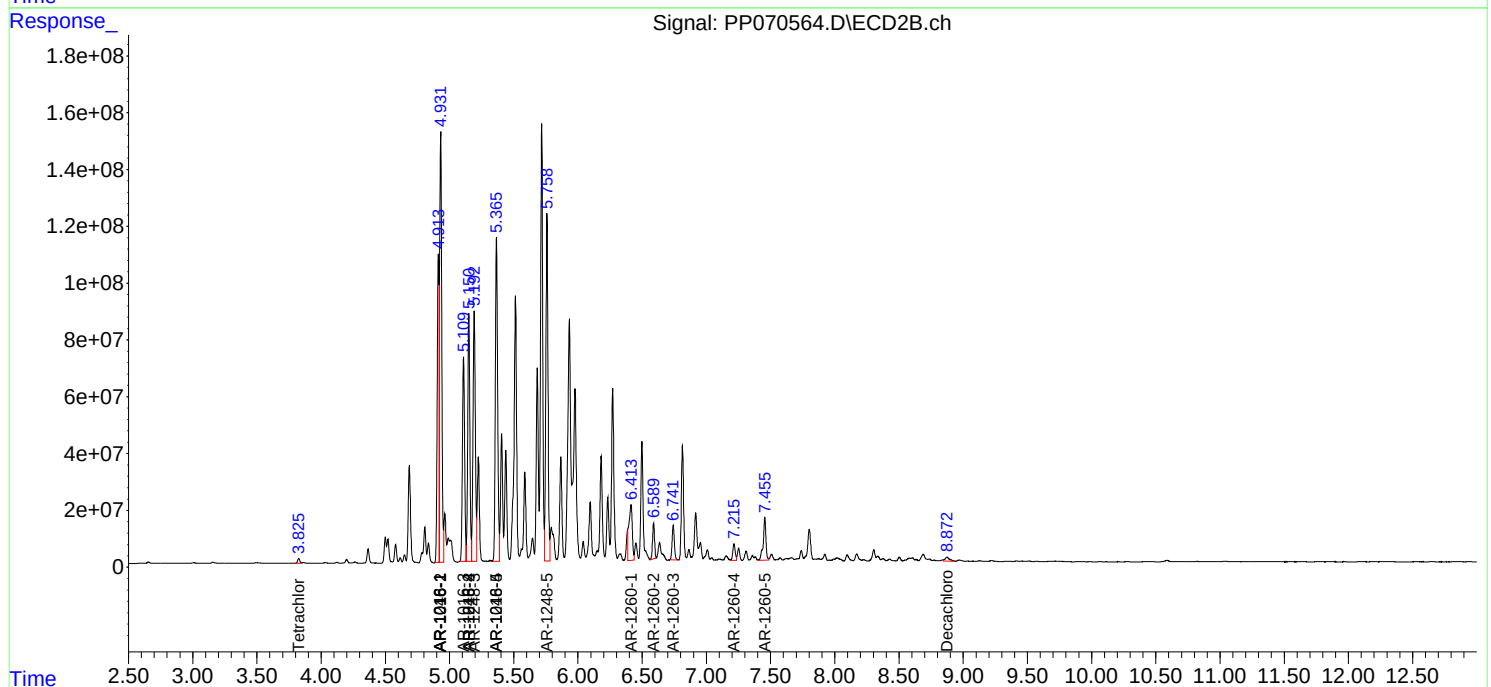
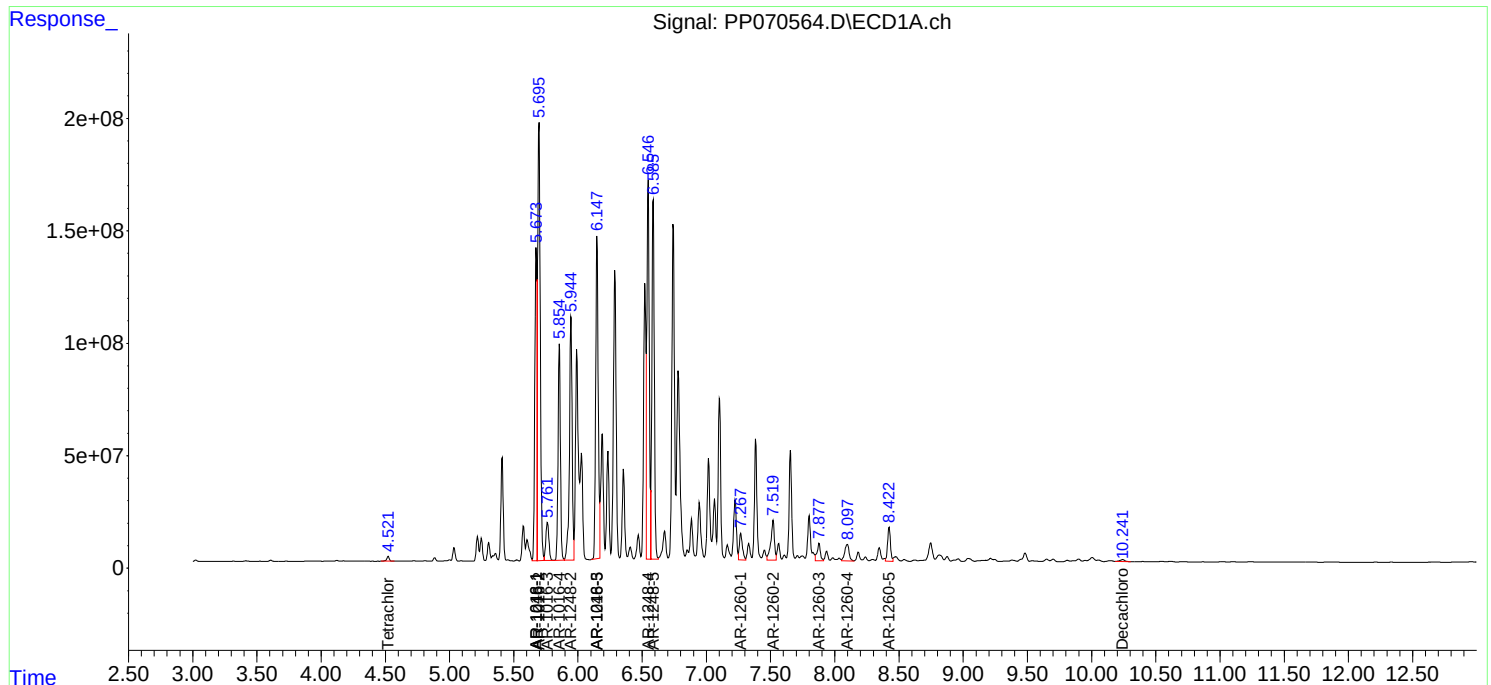
APPROVED

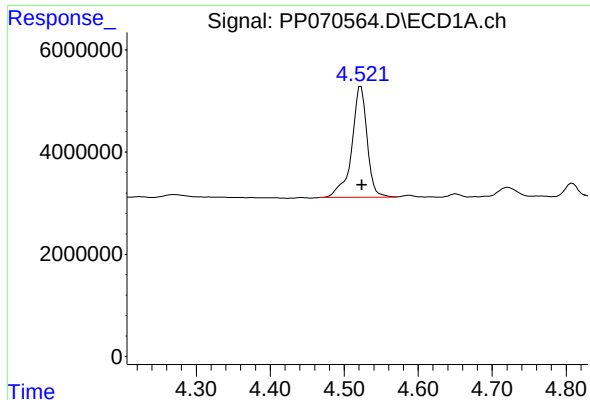
Reviewed By :Yogesh Patel 03/17/2025

Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 04:29:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





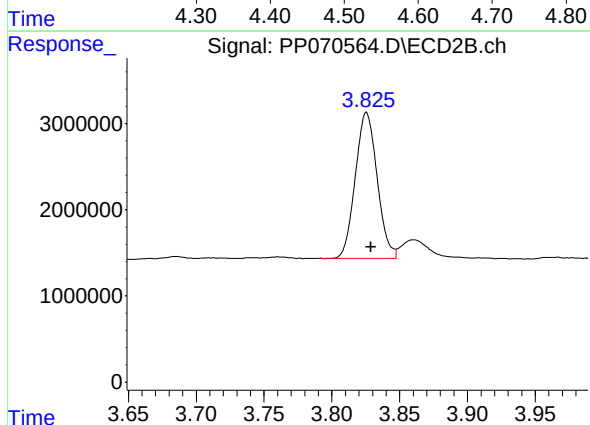
## #1 Tetrachloro-m-xylene

R.T.: 4.523 min  
Delta R.T.: -0.001 min  
Response: 31492424  
Conc: 20.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS

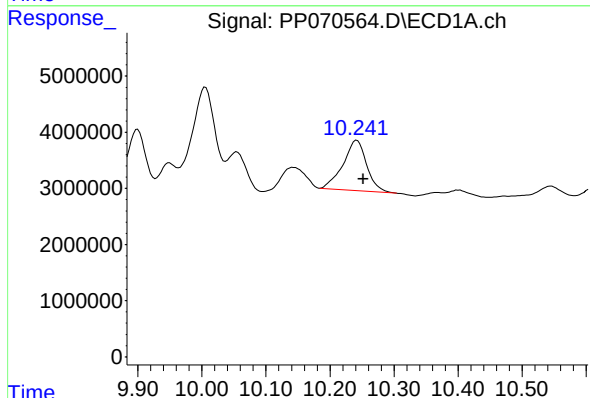
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



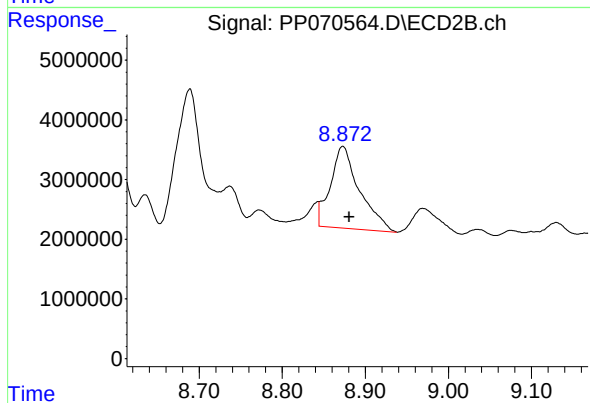
## #1 Tetrachloro-m-xylene

R.T.: 3.826 min  
Delta R.T.: -0.003 min  
Response: 19015081  
Conc: 18.97 ng/ml



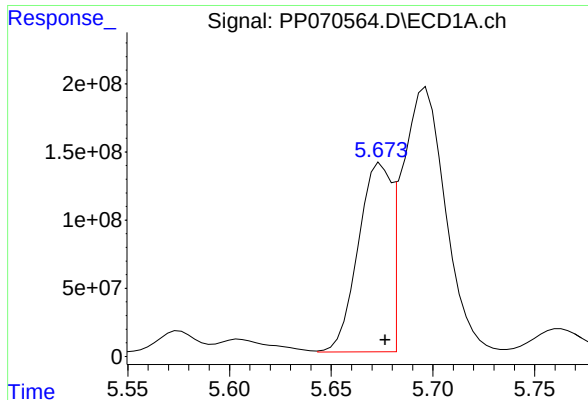
## #2 Decachlorobiphenyl

R.T.: 10.241 min  
Delta R.T.: -0.011 min  
Response: 23103528  
Conc: 21.75 ng/ml m



## #2 Decachlorobiphenyl

R.T.: 8.872 min  
Delta R.T.: -0.009 min  
Response: 33309847  
Conc: 34.05 ng/ml m



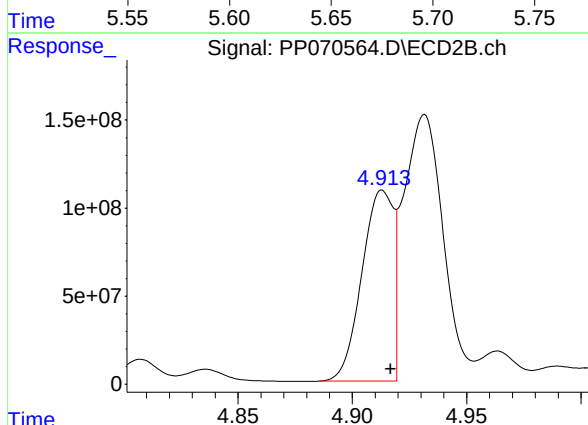
#3 AR-1016-1

R.T.: 5.675 min  
 Delta R.T.: -0.002 min  
 Response: 1545786491  
 Conc: 29811.97 ng/ml

Instrument :  
 ECD\_P  
 ClientSampleId :  
 C0018MS

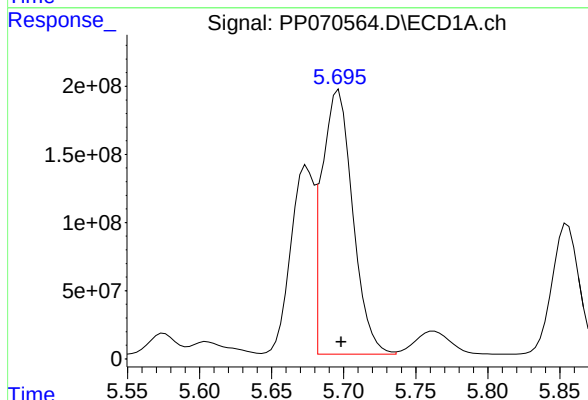
Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
 Supervised By :mohammad ahmed 03/19/2025



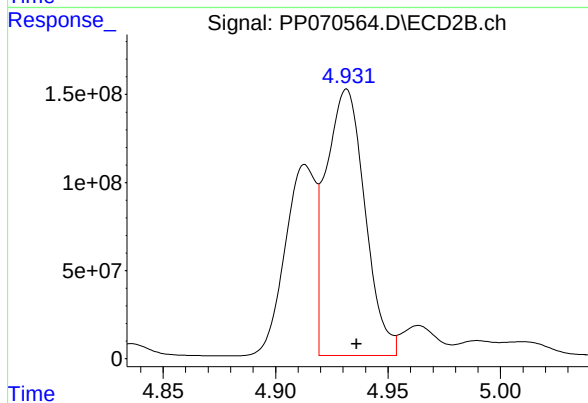
#3 AR-1016-1

R.T.: 4.913 min  
 Delta R.T.: -0.004 min  
 Response: 1027120106  
 Conc: 28568.78 ng/ml



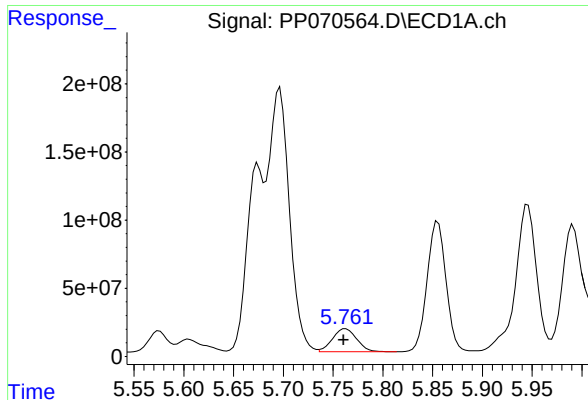
#4 AR-1016-2

R.T.: 5.697 min  
 Delta R.T.: -0.002 min  
 Response: 2869285453  
 Conc: 40104.72 ng/ml



#4 AR-1016-2

R.T.: 4.932 min  
 Delta R.T.: -0.004 min  
 Response: 1817166347  
 Conc: 34967.92 ng/ml



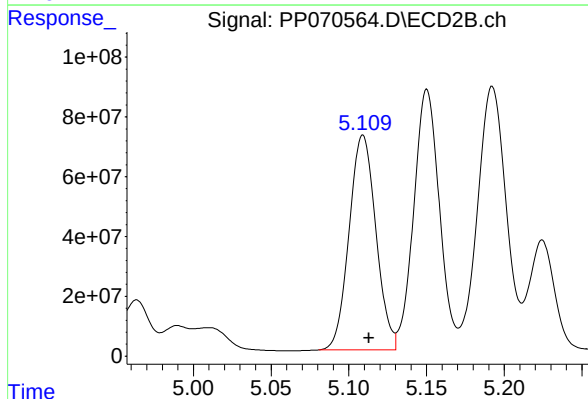
#5 AR-1016-3

R.T.: 5.762 min  
Delta R.T.: 0.002 min  
Response: 286706144  
Conc: 6295.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS

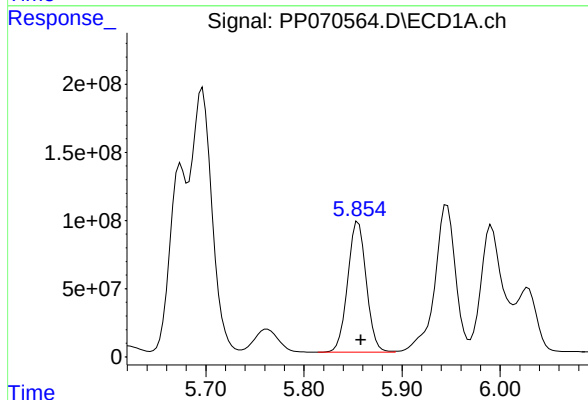
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



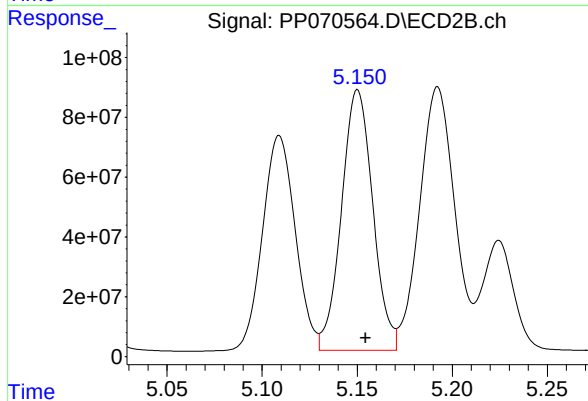
#5 AR-1016-3

R.T.: 5.109 min  
Delta R.T.: -0.004 min  
Response: 860816342  
Conc: 30253.55 ng/ml



#6 AR-1016-4

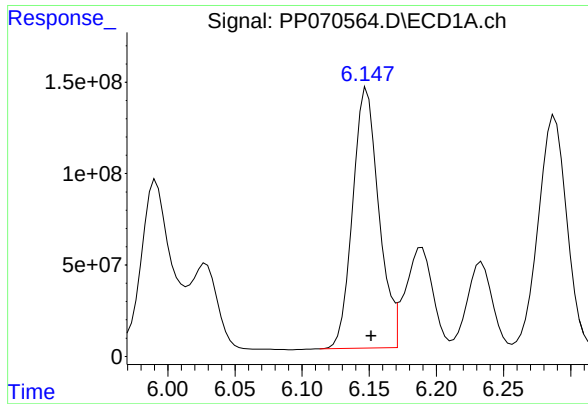
R.T.: 5.855 min  
Delta R.T.: -0.003 min  
Response: 1261621657  
Conc: 32317.97 ng/ml



#6 AR-1016-4

R.T.: 5.150 min  
Delta R.T.: -0.004 min  
Response: 998385300  
Conc: 44590.87 ng/ml





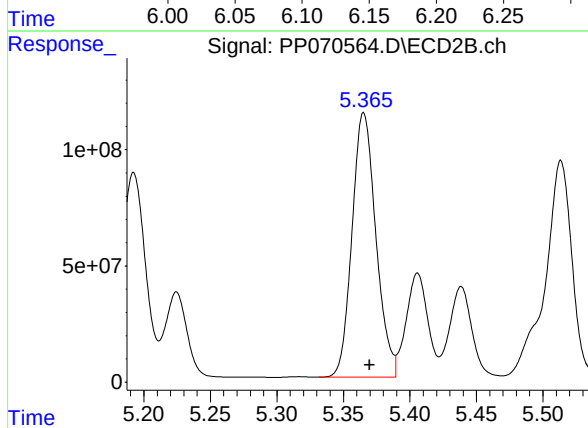
#7 AR-1016-5

R.T.: 6.147 min  
 Delta R.T.: -0.005 min  
 Response: 1967906789  
 Conc: 56839.76 ng/ml

Instrument :  
 ECD\_P  
 ClientSampleId :  
 C0018MS

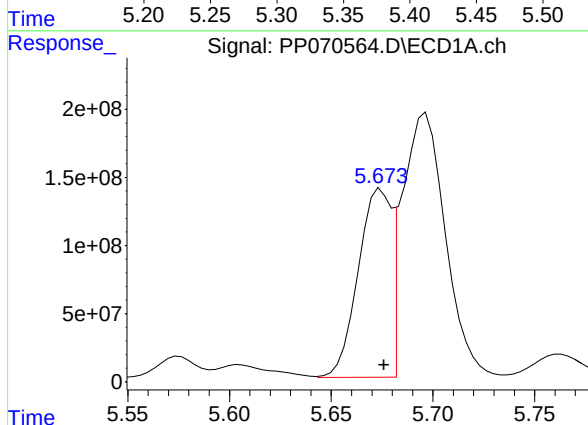
Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
 Supervised By :mohammad ahmed 03/19/2025



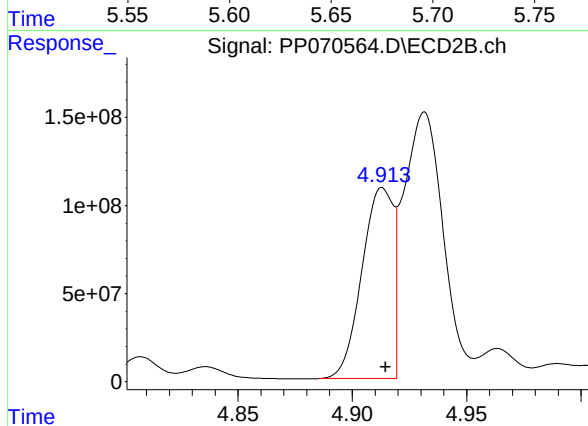
#7 AR-1016-5

R.T.: 5.365 min  
 Delta R.T.: -0.004 min  
 Response: 1421125264  
 Conc: 47818.94 ng/ml



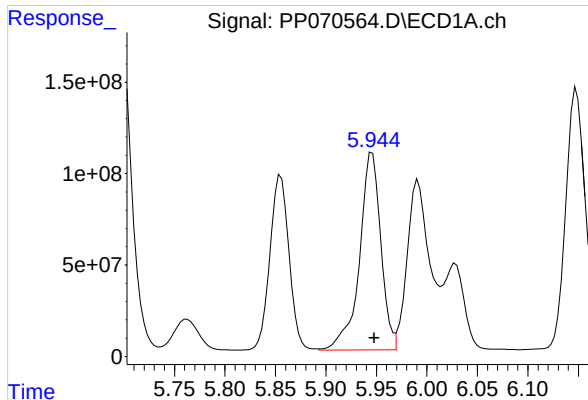
#21 AR-1248-1

R.T.: 5.675 min  
 Delta R.T.: -0.001 min  
 Response: 1545786491  
 Conc: 45256.72 ng/ml



#21 AR-1248-1

R.T.: 4.913 min  
 Delta R.T.: -0.001 min  
 Response: 1027120106  
 Conc: 43752.79 ng/ml



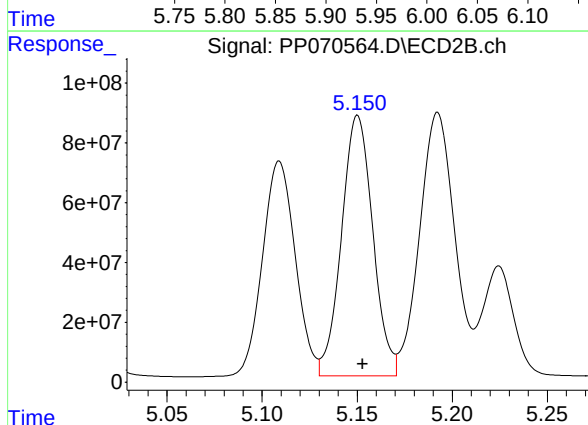
#22 AR-1248-2

R.T.: 5.946 min  
Delta R.T.: -0.002 min  
Response: 1587076258  
Conc: 37389.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS

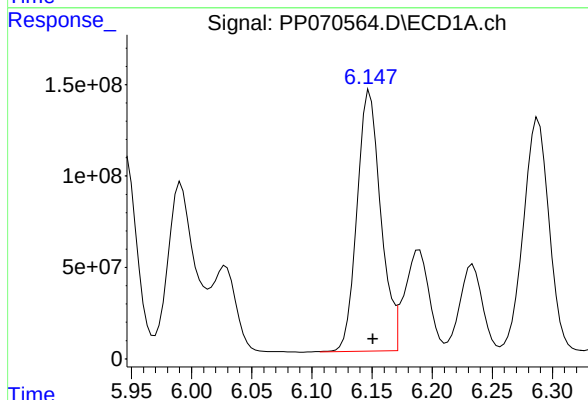
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



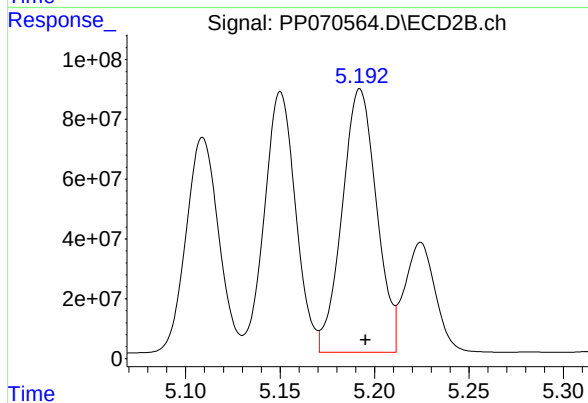
#22 AR-1248-2

R.T.: 5.150 min  
Delta R.T.: -0.003 min  
Response: 998385300  
Conc: 31893.78 ng/ml



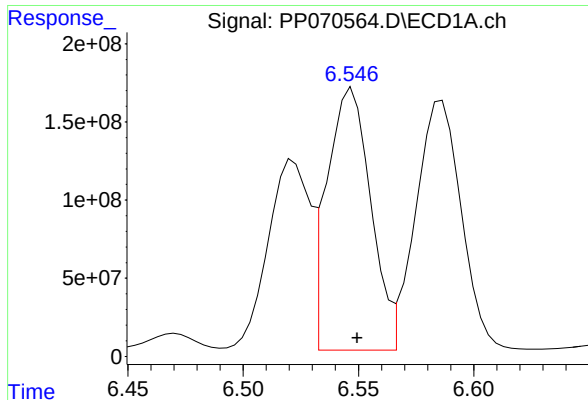
#23 AR-1248-3

R.T.: 6.147 min  
Delta R.T.: -0.004 min  
Response: 1971424186  
Conc: 42719.01 ng/ml m



#23 AR-1248-3

R.T.: 5.192 min  
Delta R.T.: -0.003 min  
Response: 1118717376  
Conc: 35266.77 ng/ml



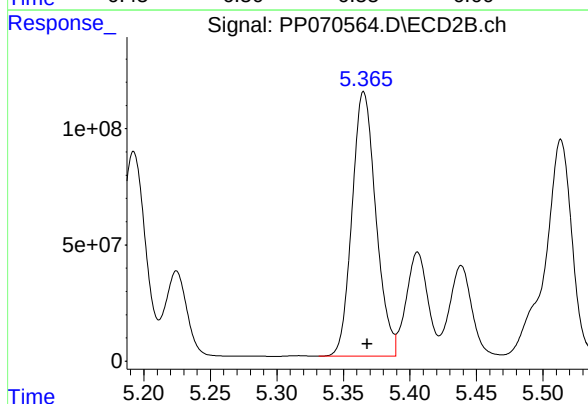
#24 AR-1248-4

R.T.: 6.547 min  
Delta R.T.: -0.002 min  
Response: 2211577764  
Conc: 38136.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS

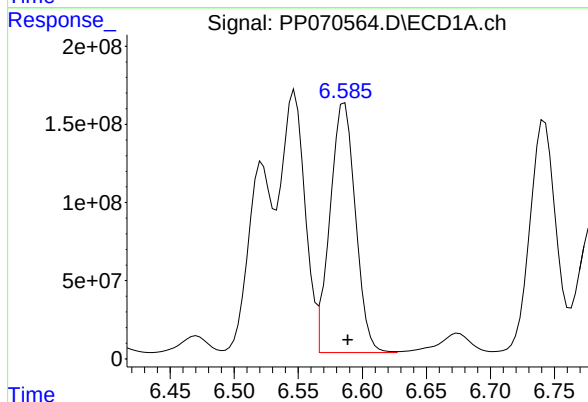
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



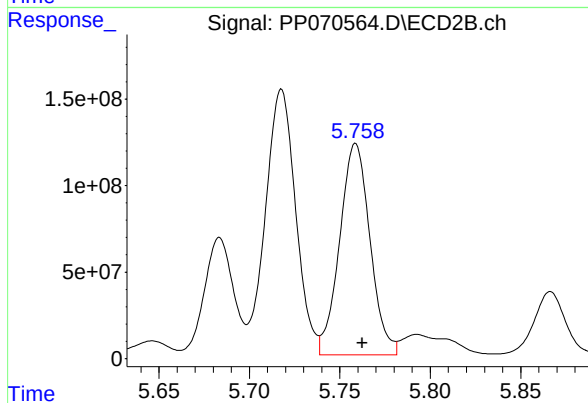
#24 AR-1248-4

R.T.: 5.365 min  
Delta R.T.: -0.003 min  
Response: 1421125264  
Conc: 36464.19 ng/ml



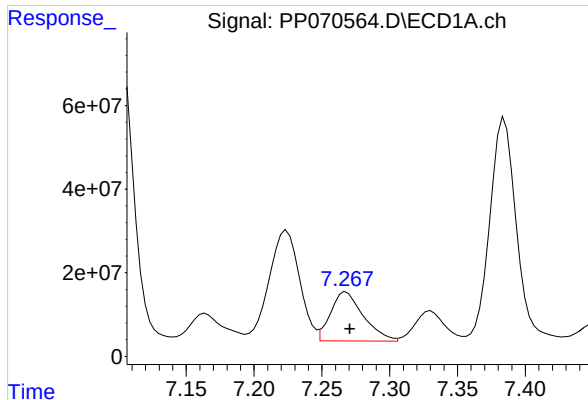
#25 AR-1248-5

R.T.: 6.586 min  
Delta R.T.: -0.003 min  
Response: 2198513653  
Conc: 40950.31 ng/ml



#25 AR-1248-5

R.T.: 5.759 min  
Delta R.T.: -0.004 min  
Response: 1430429007  
Conc: 37557.20 ng/ml



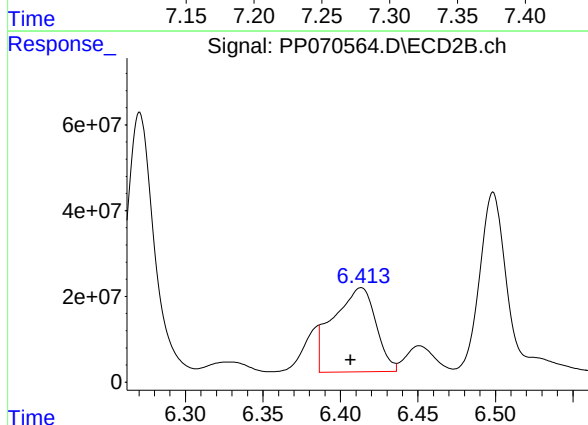
#31 AR-1260-1

R.T.: 7.268 min  
Delta R.T.: -0.003 min  
Response: 197714364  
Conc: 3366.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS

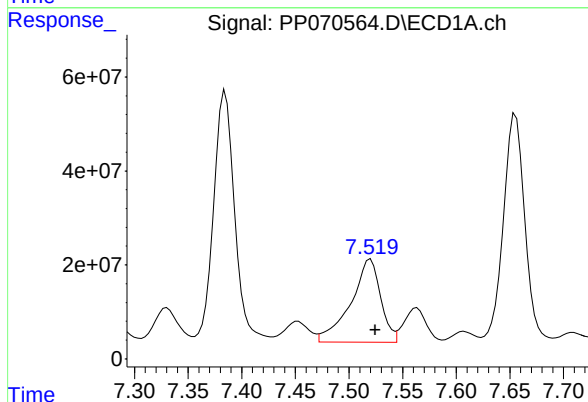
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



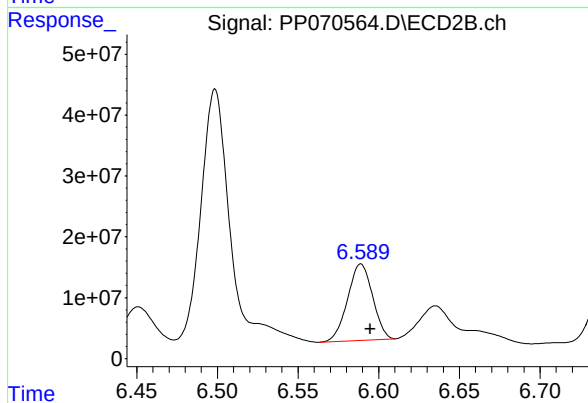
#31 AR-1260-1

R.T.: 6.413 min  
Delta R.T.: 0.006 min  
Response: 373667198  
Conc: 7505.71 ng/ml m



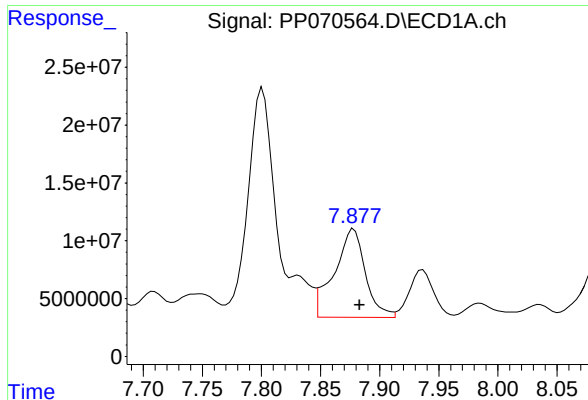
#32 AR-1260-2

R.T.: 7.520 min  
Delta R.T.: -0.005 min  
Response: 343095332  
Conc: 4181.90 ng/ml



#32 AR-1260-2

R.T.: 6.589 min  
Delta R.T.: -0.006 min  
Response: 135361549  
Conc: 2048.22 ng/ml



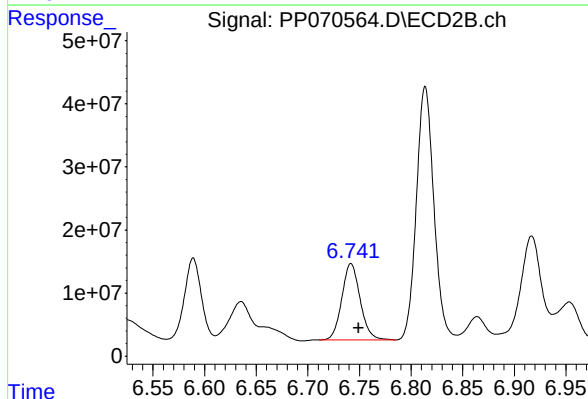
#33 AR-1260-3

R.T.: 7.878 min  
Delta R.T.: -0.005 min  
Response: 140007962  
Conc: 2129.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS

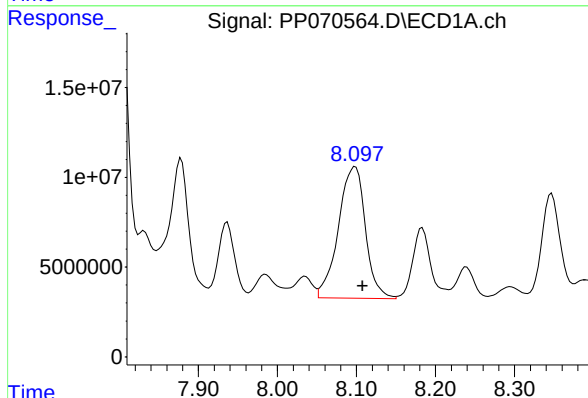
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



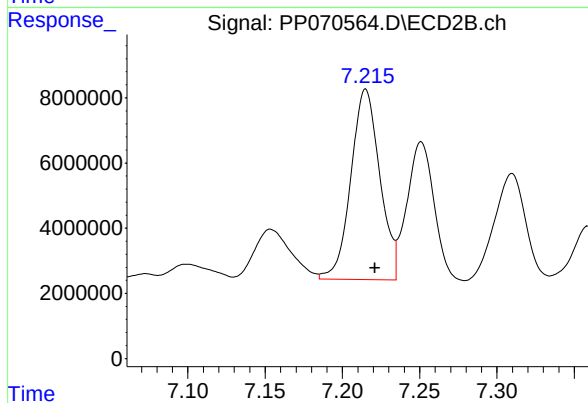
#33 AR-1260-3

R.T.: 6.742 min  
Delta R.T.: -0.007 min  
Response: 149332449  
Conc: 2610.83 ng/ml



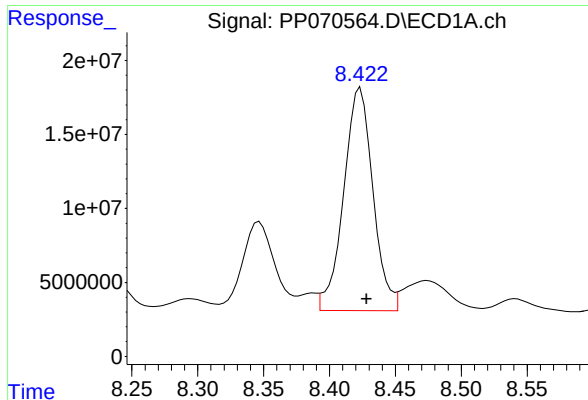
#34 AR-1260-4

R.T.: 8.099 min  
Delta R.T.: -0.009 min  
Response: 174208693  
Conc: 2666.07 ng/ml



#34 AR-1260-4

R.T.: 7.215 min  
Delta R.T.: -0.006 min  
Response: 76097429  
Conc: 1487.34 ng/ml



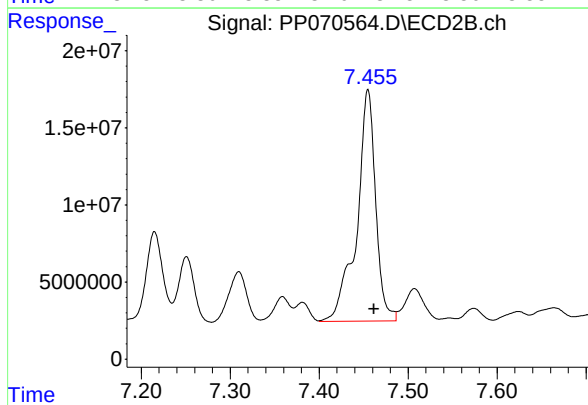
#35 AR-1260-5

R.T.: 8.424 min  
Delta R.T.: -0.005 min  
Response: 232740158  
Conc: 1702.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



#35 AR-1260-5

R.T.: 7.455 min  
Delta R.T.: -0.007 min  
Response: 221592002  
Conc: 1720.63 ng/ml

## Report of Analysis

|                    |                                                   |          |                    |          |           |
|--------------------|---------------------------------------------------|----------|--------------------|----------|-----------|
| Client:            | Weston Solutions                                  |          | Date Collected:    | 03/12/25 |           |
| Project:           | Fort Meade MD Tipton Airfield Parcel RI - 0111169 |          | Date Received:     | 03/14/25 |           |
| Client Sample ID:  | C0018MSD                                          |          | SDG No.:           | Q1569    |           |
| Lab Sample ID:     | Q1572-06MSD                                       |          | Matrix:            | SOIL     |           |
| Analytical Method: | SW8082A                                           |          | % Solid:           | 76       | Decanted: |
| Sample Wt/Vol:     | 30.09                                             | Units: g | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                                                   | uL       | Test:              | PCB      |           |
| Extraction Type:   |                                                   |          | Injection Volume : |          |           |
| GPC Factor :       | 1.0                                               | PH :     |                    |          |           |
| Prep Method :      | SW3541B                                           |          |                    |          |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP070565.D        | 1         | 03/14/25 12:25 | 03/15/25 03:45 | PB167143      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |                   |
| 12674-11-2        | Aroclor-1016         | 17000 | E         | 5.20     | 10.9 | 22.3       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 17.1  | U         | 5.30     | 17.1 | 22.3       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 10.9  | U         | 4.90     | 10.9 | 22.3       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 10.9  | U         | 5.30     | 10.9 | 22.3       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 19000 | E         | 7.80     | 17.1 | 22.3       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 10.9  | U         | 4.20     | 10.9 | 22.3       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 17.1  | U         | 6.60     | 17.1 | 22.3       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 10.9  | U         | 4.70     | 10.9 | 22.3       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 1400  | E         | 4.20     | 10.9 | 22.3       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |      |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 20.8  |           | 44 - 130 |      | 104%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 33.2  | *         | 60 - 125 |      | 166%       | 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\PP031425\  
 Data File : PP070565.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Mar 2025 03:45  
 Operator : YP\AJ  
 Sample : Q1572-06MSD  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 C0018MSD

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
 Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 04:30:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml      | ng/ml       |
|-----------------------------|--------|-------|----------|----------|------------|-------------|
| -----                       |        |       |          |          |            |             |
| System Monitoring Compounds |        |       |          |          |            |             |
| 1) SA Tetrachlo...          | 4.523  | 3.825 | 32368170 | 19674300 | 20.810     | 19.630      |
| 2) SA Decachlor...          | 10.240 | 8.872 | 23727783 | 32481015 | 22.335m    | 33.199m#    |
| Target Compounds            |        |       |          |          |            |             |
| 3) L1 AR-1016-1             | 5.675  | 4.913 | 1606.9E6 | 1075.9E6 | 30991.180  | 29925.656   |
| 4) L1 AR-1016-2             | 5.696  | 4.931 | 3025.4E6 | 1925.6E6 | 42287.416  | 37053.656   |
| 5) L1 AR-1016-3             | 5.763  | 5.109 | 302.8E6  | 923.3E6  | 6649.684   | 32447.986 # |
| 6) L1 AR-1016-4             | 5.856  | 5.150 | 1331.5E6 | 1052.2E6 | 34107.498  | 46995.572 # |
| 7) L1 AR-1016-5             | 6.147  | 5.365 | 2056.4E6 | 1493.0E6 | 59397.064m | 50236.412   |
| 21) L5 AR-1248-1            | 5.675  | 4.913 | 1606.9E6 | 1075.9E6 | 47046.839  | 45830.829   |
| 22) L5 AR-1248-2            | 5.946  | 5.150 | 1650.8E6 | 1052.2E6 | 38891.475  | 33613.751   |
| 23) L5 AR-1248-3            | 6.147  | 5.192 | 2074.5E6 | 1177.9E6 | 44952.045m | 37132.696   |
| 24) L5 AR-1248-4            | 6.548  | 5.365 | 2306.8E6 | 1493.0E6 | 39778.459  | 38307.629   |
| 25) L5 AR-1248-5            | 6.586  | 5.758 | 2276.2E6 | 1486.0E6 | 42397.765  | 39015.752   |
| 31) L7 AR-1260-1            | 7.268  | 6.413 | 204.8E6  | 389.8E6  | 3486.616   | 7830.580m#  |
| 32) L7 AR-1260-2            | 7.519  | 6.588 | 361.0E6  | 140.9E6  | 4400.150   | 2132.689 #  |
| 33) L7 AR-1260-3            | 7.878  | 6.741 | 145.0E6  | 156.1E6  | 2204.937   | 2728.284    |
| 34) L7 AR-1260-4            | 8.098  | 7.214 | 179.0E6  | 78496874 | 2739.580   | 1534.235 #  |
| 35) L7 AR-1260-5            | 8.424  | 7.455 | 237.6E6  | 226.0E6  | 1738.478   | 1755.208    |
| -----                       |        |       |          |          |            |             |

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070565.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2025 03:45  
Operator : YP\AJ  
Sample : Q1572-06MSD  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

## Instrument :

ECD\_P

## ClientSampleId :

C0018MSD

## Manual Integrations

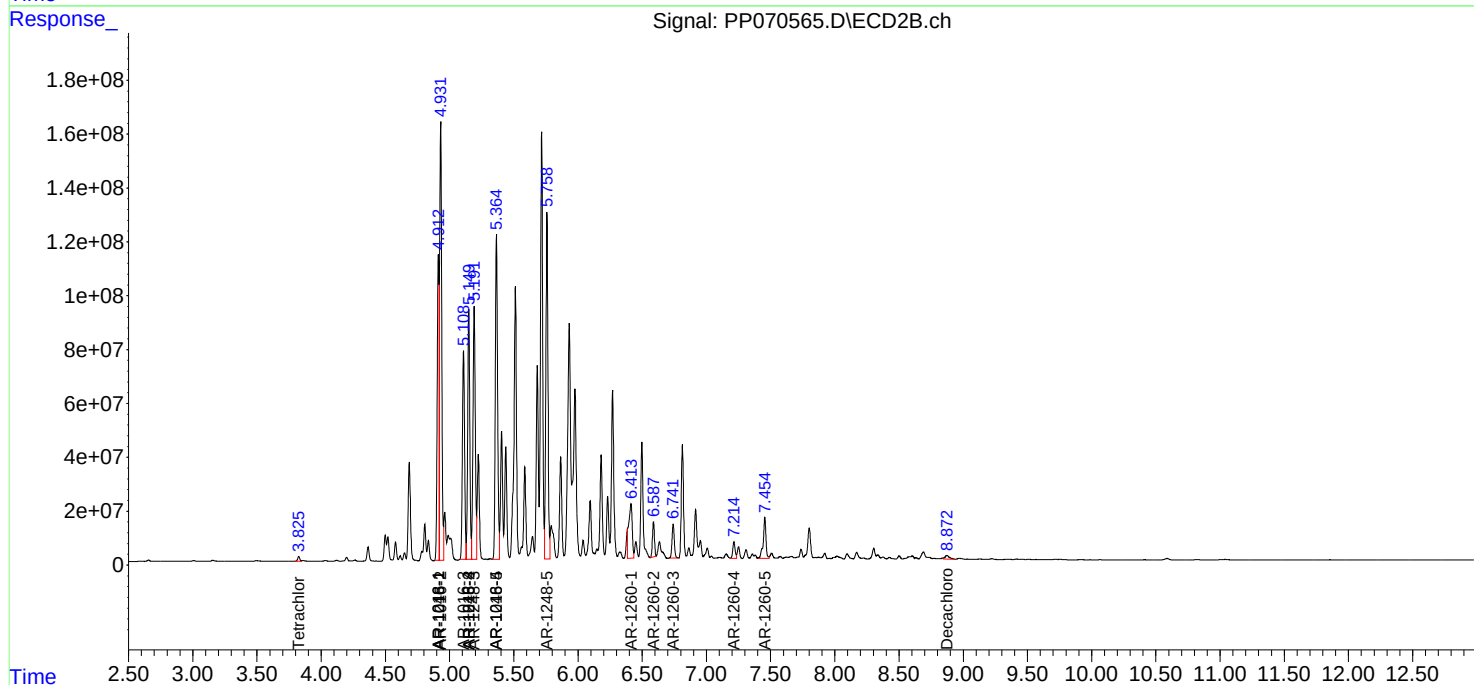
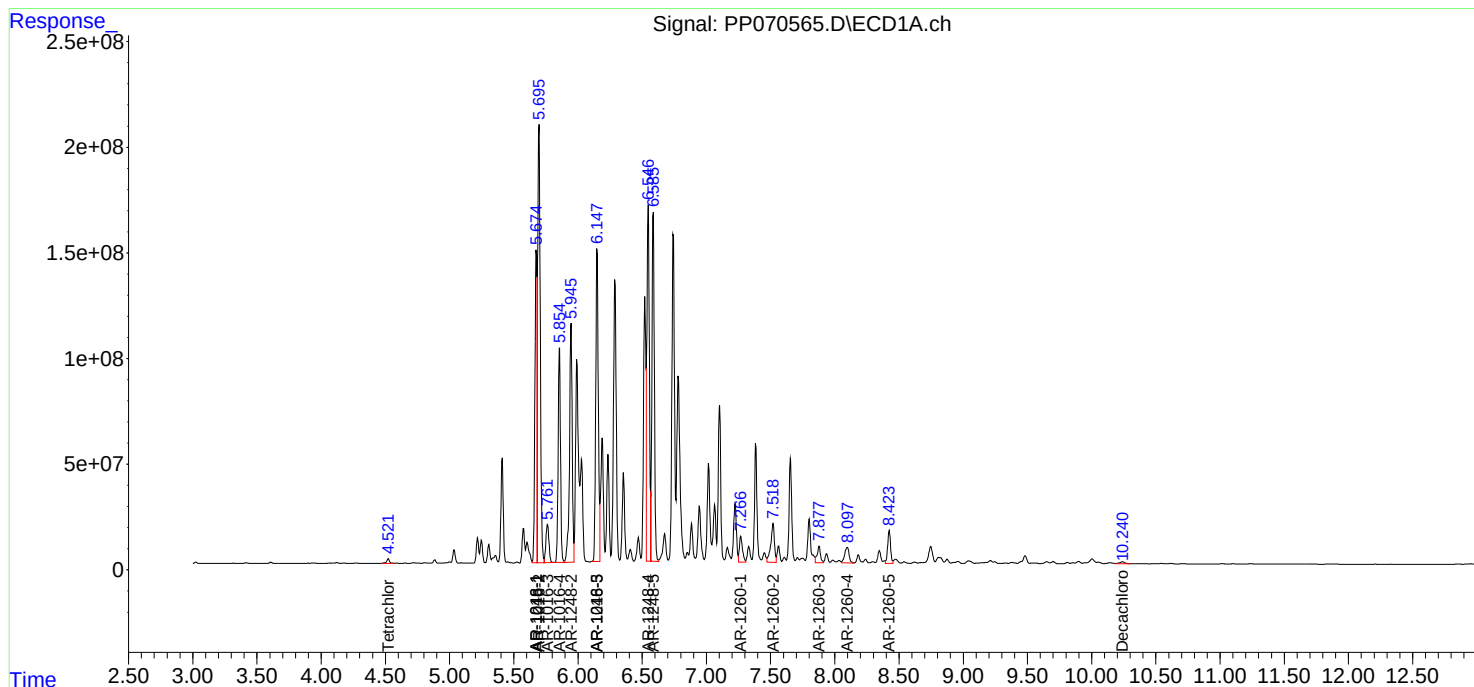
## APPROVED

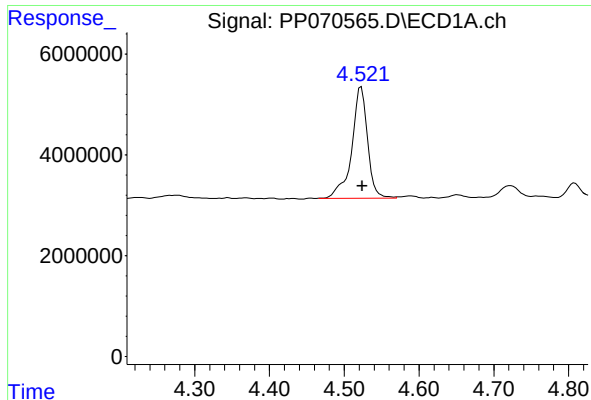
Reviewed By :Yogesh Patel 03/17/2025

Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 04:30:02 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





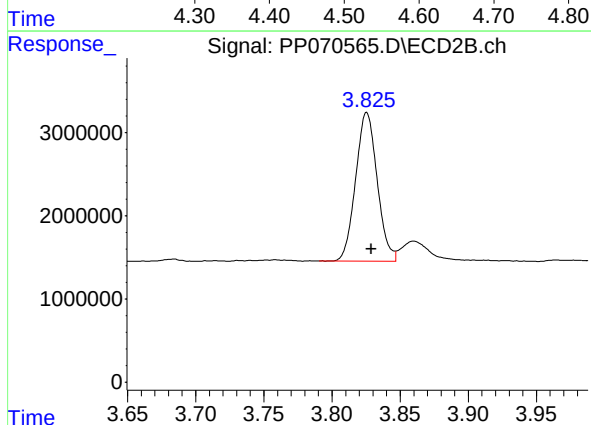
## #1 Tetrachloro-m-xylene

R.T.: 4.523 min  
Delta R.T.: -0.001 min  
Response: 32368170  
Conc: 20.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD

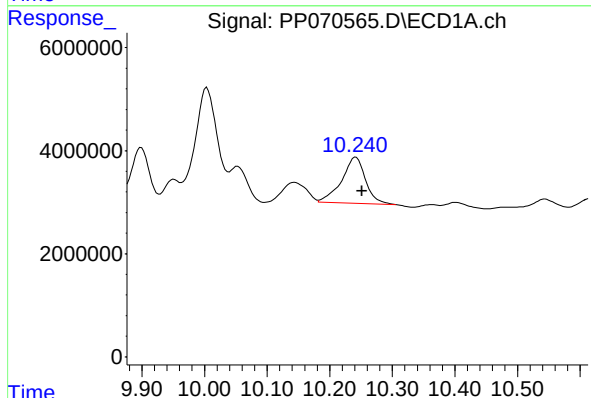
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



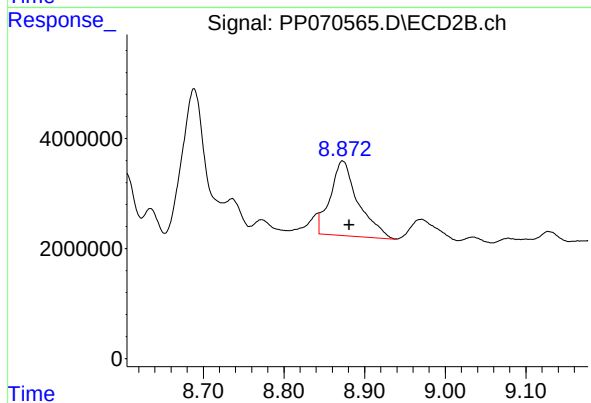
## #1 Tetrachloro-m-xylene

R.T.: 3.825 min  
Delta R.T.: -0.003 min  
Response: 19674300  
Conc: 19.63 ng/ml



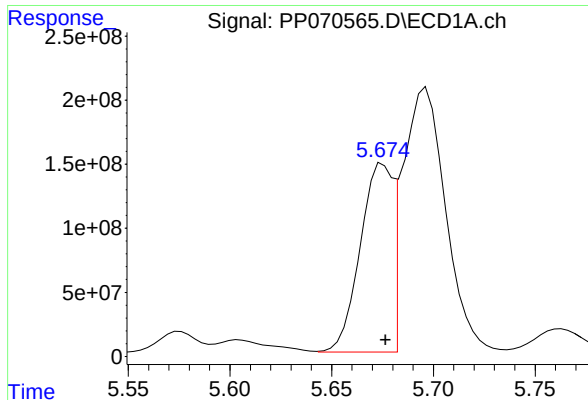
## #2 Decachlorobiphenyl

R.T.: 10.240 min  
Delta R.T.: -0.011 min  
Response: 23727783  
Conc: 22.34 ng/ml m



## #2 Decachlorobiphenyl

R.T.: 8.872 min  
Delta R.T.: -0.009 min  
Response: 32481015  
Conc: 33.20 ng/ml m



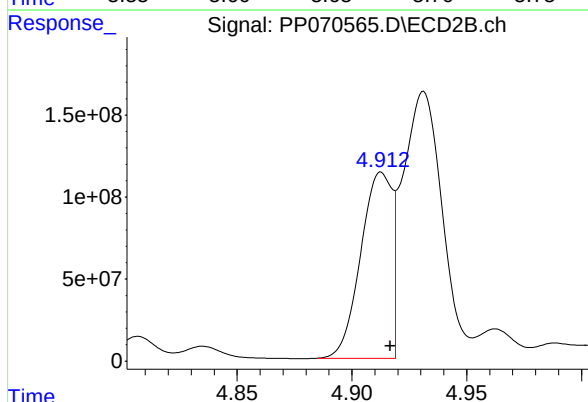
#3 AR-1016-1

R.T.: 5.675 min  
 Delta R.T.: -0.001 min  
 Response: 1606929887  
 Conc: 30991.18 ng/ml

Instrument :  
 ECD\_P  
 ClientSampleId :  
 C0018MSD

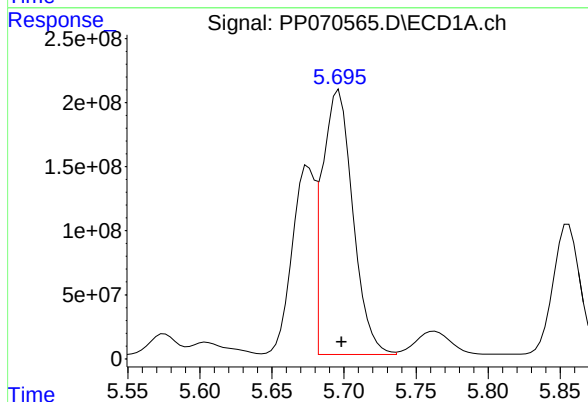
Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
 Supervised By :mohammad ahmed 03/19/2025



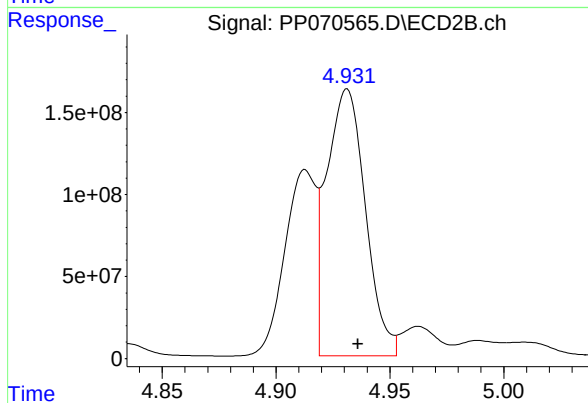
#3 AR-1016-1

R.T.: 4.913 min  
 Delta R.T.: -0.004 min  
 Response: 1075903116  
 Conc: 29925.66 ng/ml



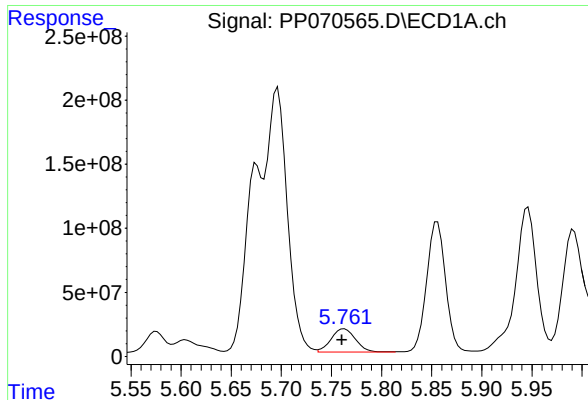
#4 AR-1016-2

R.T.: 5.696 min  
 Delta R.T.: -0.002 min  
 Response: 3025446169  
 Conc: 42287.42 ng/ml



#4 AR-1016-2

R.T.: 4.931 min  
 Delta R.T.: -0.005 min  
 Response: 1925555011  
 Conc: 37053.66 ng/ml



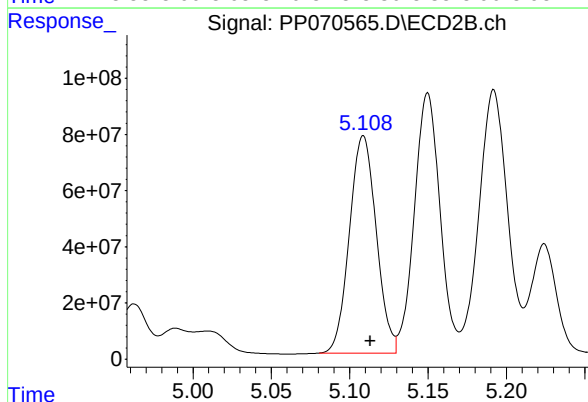
#5 AR-1016-3

R.T.: 5.763 min  
Delta R.T.: 0.002 min  
Response: 302812888  
Conc: 6649.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD

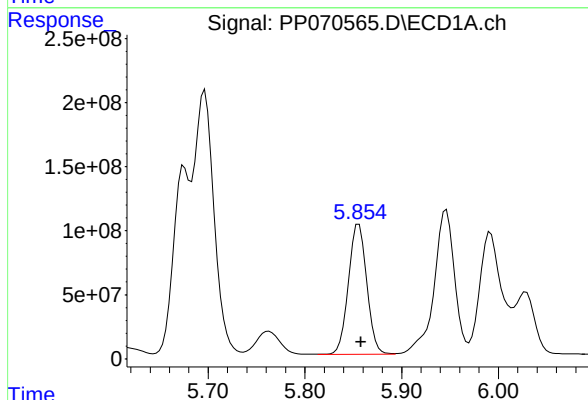
Manual Integrations  
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Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



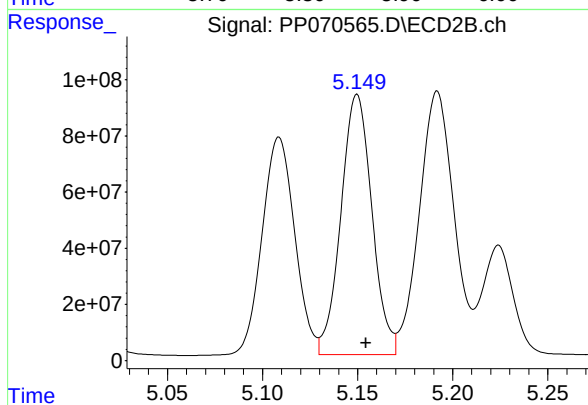
#5 AR-1016-3

R.T.: 5.109 min  
Delta R.T.: -0.004 min  
Response: 923255472  
Conc: 32447.99 ng/ml



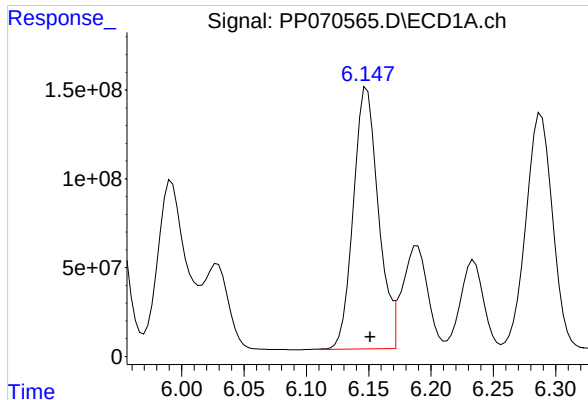
#6 AR-1016-4

R.T.: 5.856 min  
Delta R.T.: -0.002 min  
Response: 1331480806  
Conc: 34107.50 ng/ml



#6 AR-1016-4

R.T.: 5.150 min  
Delta R.T.: -0.005 min  
Response: 1052226275  
Conc: 46995.57 ng/ml



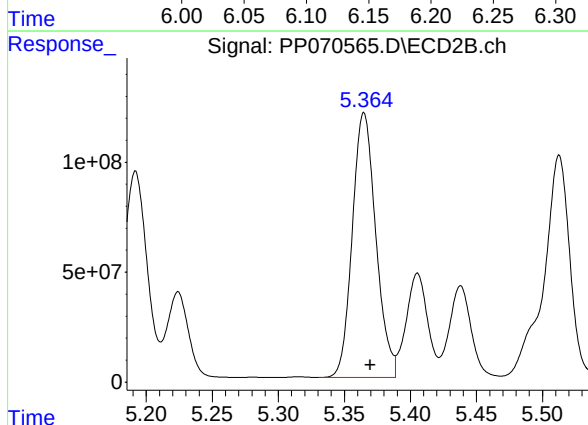
#7 AR-1016-5

R.T.: 6.147 min  
Delta R.T.: -0.004 min  
Response: 2056445906  
Conc: 59397.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD

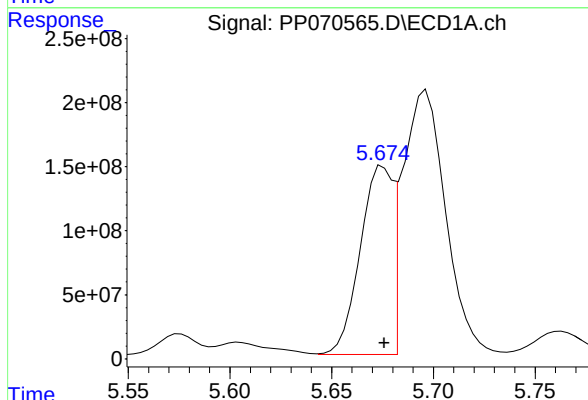
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



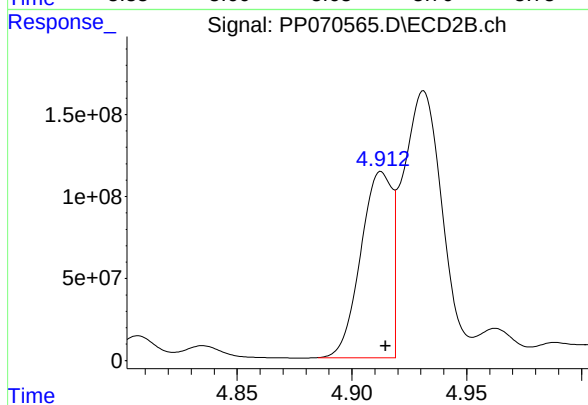
#7 AR-1016-5

R.T.: 5.365 min  
Delta R.T.: -0.005 min  
Response: 1492969789  
Conc: 50236.41 ng/ml



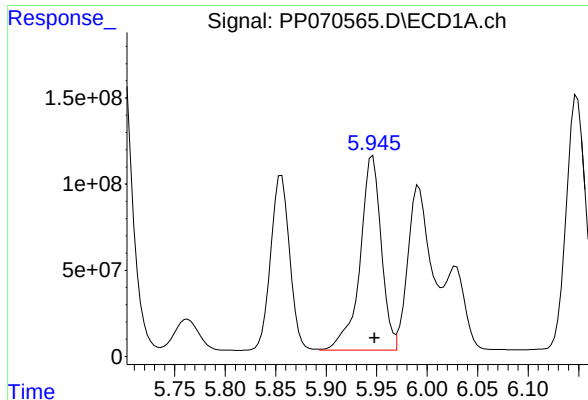
#21 AR-1248-1

R.T.: 5.675 min  
Delta R.T.: 0.000 min  
Response: 1606929887  
Conc: 47046.84 ng/ml



#21 AR-1248-1

R.T.: 4.913 min  
Delta R.T.: -0.002 min  
Response: 1075903116  
Conc: 45830.83 ng/ml



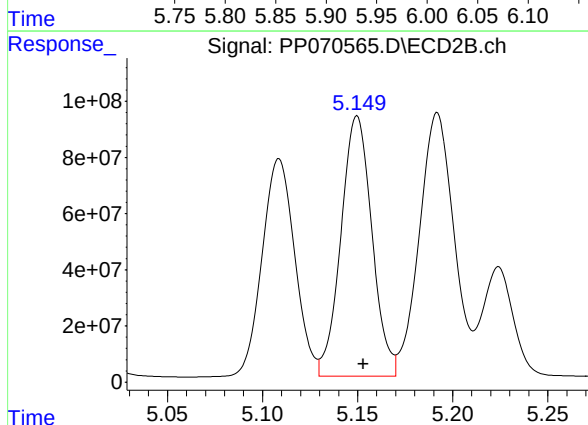
#22 AR-1248-2

R.T.: 5.946 min  
Delta R.T.: -0.002 min  
Response: 1650836809  
Conc: 38891.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD

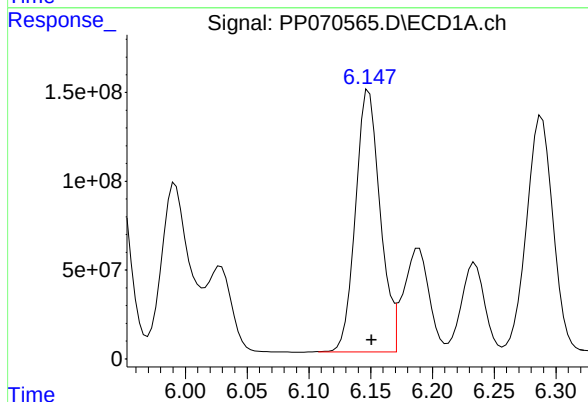
Manual Integrations  
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Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



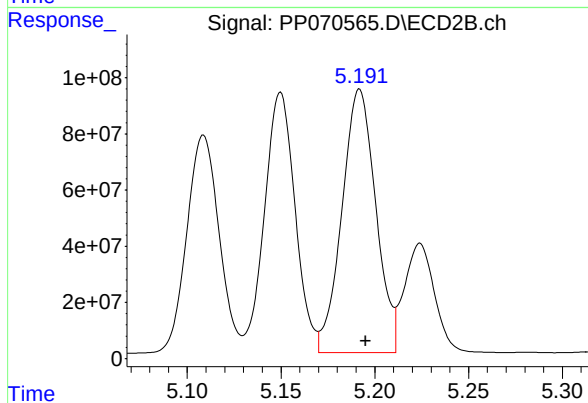
#22 AR-1248-2

R.T.: 5.150 min  
Delta R.T.: -0.003 min  
Response: 1052226275  
Conc: 33613.75 ng/ml



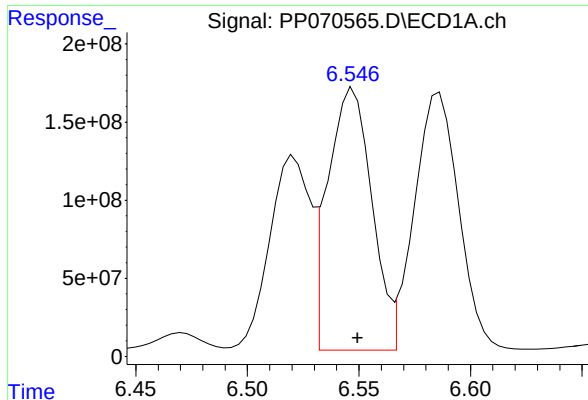
#23 AR-1248-3

R.T.: 6.147 min  
Delta R.T.: -0.004 min  
Response: 2074475870  
Conc: 44952.05 ng/ml m



#23 AR-1248-3

R.T.: 5.192 min  
Delta R.T.: -0.003 min  
Response: 1177907548  
Conc: 37132.70 ng/ml



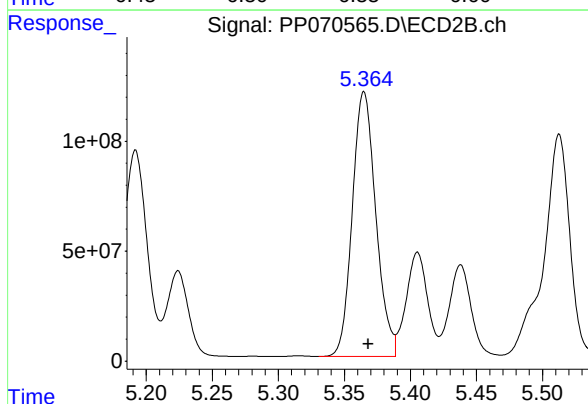
#24 AR-1248-4

R.T.: 6.548 min  
Delta R.T.: -0.002 min  
Response: 2306802945  
Conc: 39778.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD

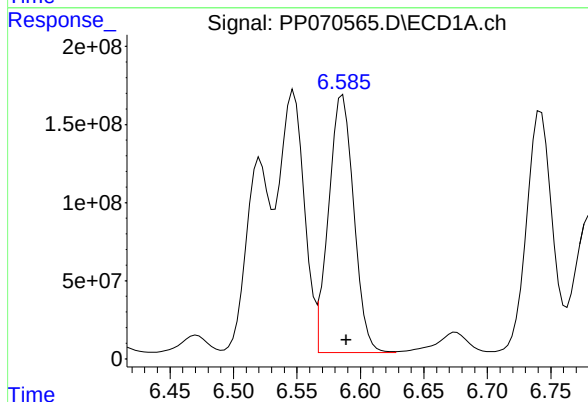
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



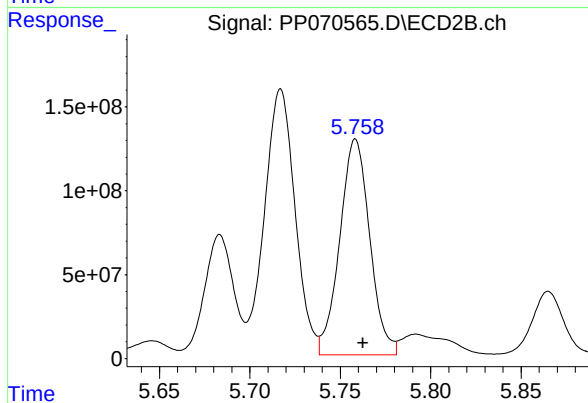
#24 AR-1248-4

R.T.: 5.365 min  
Delta R.T.: -0.003 min  
Response: 1492969789  
Conc: 38307.63 ng/ml



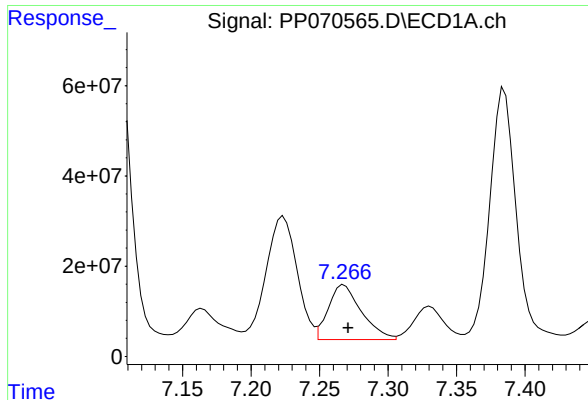
#25 AR-1248-5

R.T.: 6.586 min  
Delta R.T.: -0.003 min  
Response: 2276223941  
Conc: 42397.77 ng/ml



#25 AR-1248-5

R.T.: 5.758 min  
Delta R.T.: -0.004 min  
Response: 1485980438  
Conc: 39015.75 ng/ml



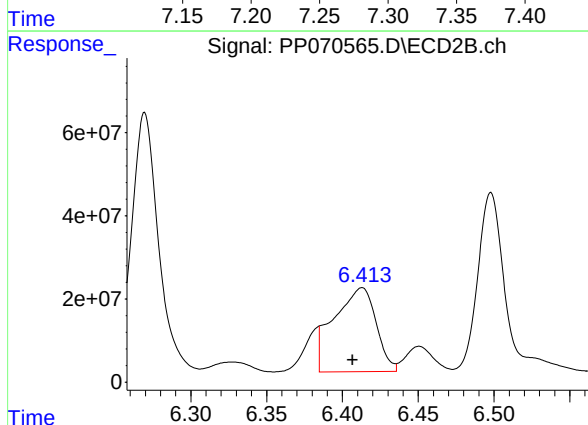
#31 AR-1260-1

R.T.: 7.268 min  
 Delta R.T.: -0.003 min  
 Response: 204797596  
 Conc: 3486.62 ng/ml

Instrument :  
 ECD\_P  
 ClientSampleId :  
 C0018MSD

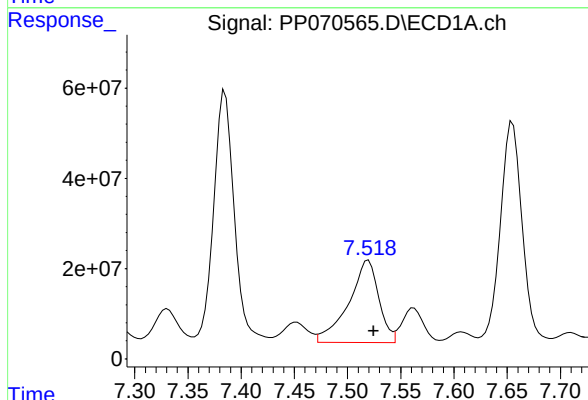
Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
 Supervised By :mohammad ahmed 03/19/2025



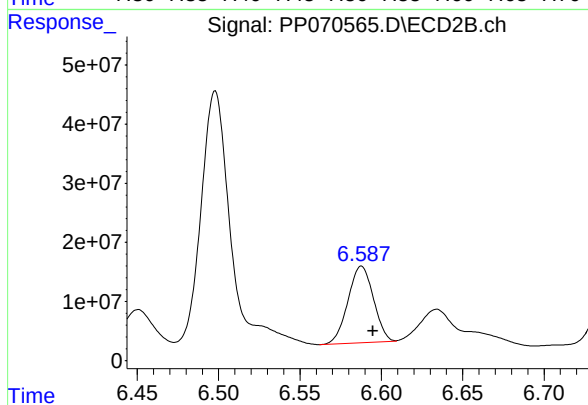
#31 AR-1260-1

R.T.: 6.413 min  
 Delta R.T.: 0.006 min  
 Response: 389840549  
 Conc: 7830.58 ng/ml m



#32 AR-1260-2

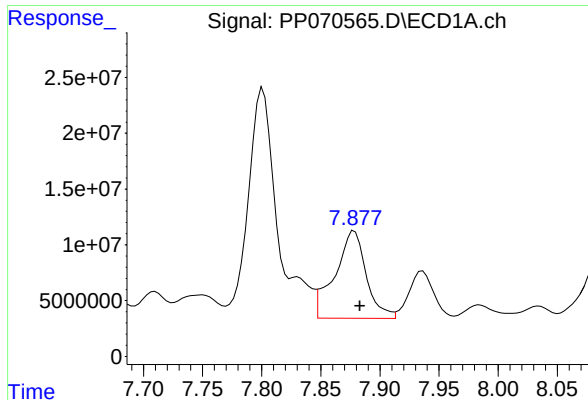
R.T.: 7.519 min  
 Delta R.T.: -0.005 min  
 Response: 361001523  
 Conc: 4400.15 ng/ml



#32 AR-1260-2

R.T.: 6.588 min  
 Delta R.T.: -0.007 min  
 Response: 140944045  
 Conc: 2132.69 ng/ml





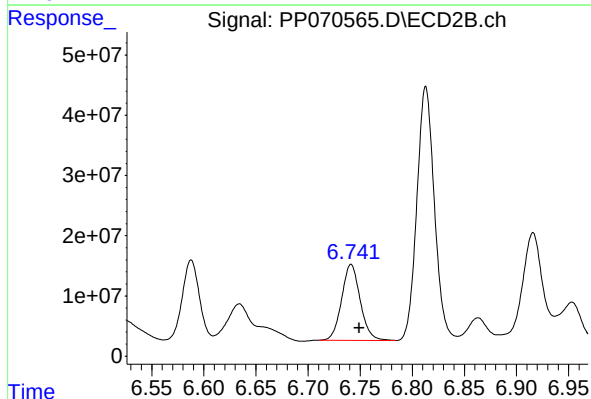
#33 AR-1260-3

R.T.: 7.878 min  
Delta R.T.: -0.005 min  
Response: 144991552  
Conc: 2204.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD

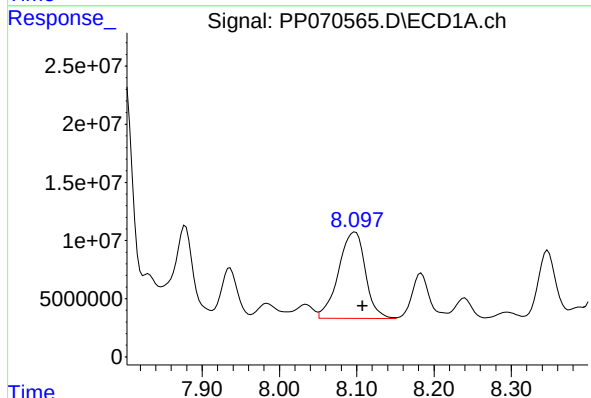
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



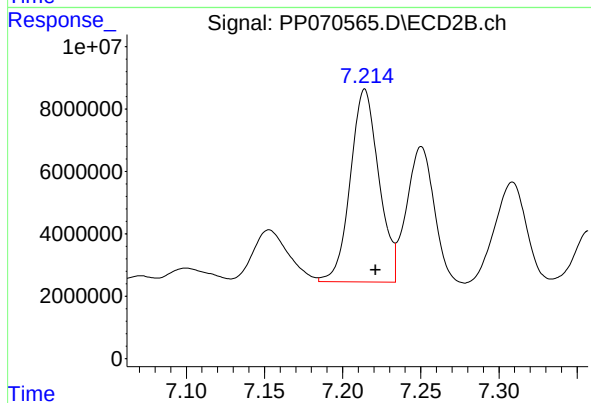
#33 AR-1260-3

R.T.: 6.741 min  
Delta R.T.: -0.008 min  
Response: 156050611  
Conc: 2728.28 ng/ml



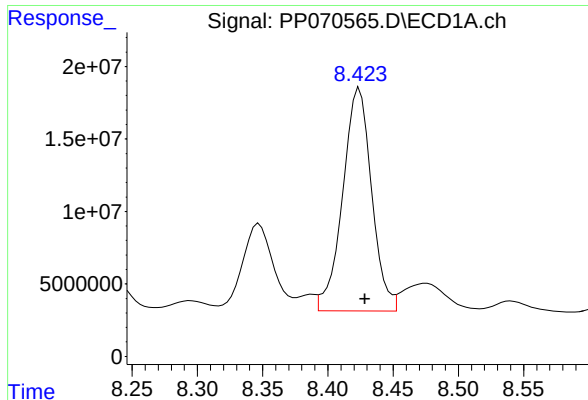
#34 AR-1260-4

R.T.: 8.098 min  
Delta R.T.: -0.010 min  
Response: 179011722  
Conc: 2739.58 ng/ml



#34 AR-1260-4

R.T.: 7.214 min  
Delta R.T.: -0.007 min  
Response: 78496874  
Conc: 1534.24 ng/ml



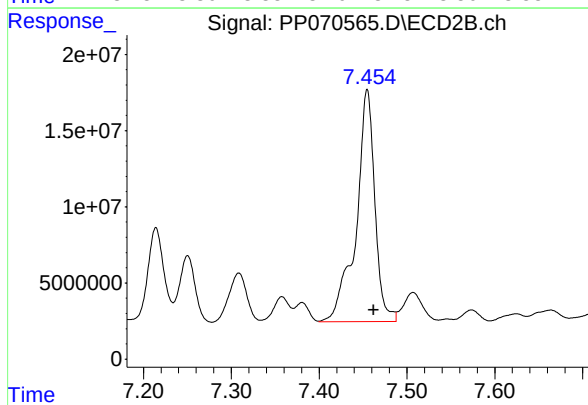
#35 AR-1260-5

R.T.: 8.424 min  
Delta R.T.: -0.004 min  
Response: 237611112  
Conc: 1738.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/17/2025  
Supervised By :mohammad ahmed 03/19/2025



#35 AR-1260-5

R.T.: 7.455 min  
Delta R.T.: -0.007 min  
Response: 226044852  
Conc: 1755.21 ng/ml

## Manual Integration Report

Sequence:

pp031125

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On      | Reason                      |
|--------------|------------|-----------------------|-----------|----------------------|---------------|--------------------|-----------------------------|
| AR1660ICC250 | PP070422.D | Decachlorobiphenyl #2 | yogesh    | 3/12/2025 7:57:06 AM | Ankita        | 3/12/2025 10:45:04 | Peak Integrated by Software |
| AR1660ICC050 | PP070423.D | AR-1016-1             | yogesh    | 3/12/2025 7:57:07 AM | Ankita        | 3/12/2025 10:45:06 | Peak Integrated by Software |
| AR1660ICC050 | PP070423.D | AR-1016-2             | yogesh    | 3/12/2025 7:57:07 AM | Ankita        | 3/12/2025 10:45:06 | Peak Integrated by Software |
| AR1660ICC050 | PP070423.D | AR-1016-3             | yogesh    | 3/12/2025 7:57:07 AM | Ankita        | 3/12/2025 10:45:06 | Peak Integrated by Software |
| AR1660ICC050 | PP070423.D | AR-1016-4             | yogesh    | 3/12/2025 7:57:07 AM | Ankita        | 3/12/2025 10:45:06 | Peak Integrated by Software |
| AR1660ICC050 | PP070423.D | AR-1260-4 #2          | yogesh    | 3/12/2025 7:57:07 AM | Ankita        | 3/12/2025 10:45:06 | Peak Integrated by Software |
| AR1660ICC050 | PP070423.D | AR-1260-5 #2          | yogesh    | 3/12/2025 7:57:07 AM | Ankita        | 3/12/2025 10:45:06 | Peak Integrated by Software |
| AR1232ICC250 | PP070428.D | AR-1232-5             | yogesh    | 3/12/2025 7:57:09 AM | Ankita        | 3/12/2025 10:45:07 | Peak Integrated by Software |
| AR1232ICC050 | PP070429.D | AR-1232-1 #2          | yogesh    | 3/19/2025 6:21:09 AM | mohammad      | 3/19/2025 6:54:14  | Peak Integrated by Software |
| AR1232ICC050 | PP070429.D | AR-1232-2             | yogesh    | 3/19/2025 6:21:09 AM | mohammad      | 3/19/2025 6:54:14  | Peak Integrated by Software |
| AR1232ICC050 | PP070429.D | AR-1232-2 #2          | yogesh    | 3/19/2025 6:21:09 AM | mohammad      | 3/19/2025 6:54:14  | Peak Integrated by Software |
| AR1232ICC050 | PP070429.D | AR-1232-3             | yogesh    | 3/19/2025 6:21:09 AM | mohammad      | 3/19/2025 6:54:14  | Peak Integrated by Software |
| AR1232ICC050 | PP070429.D | AR-1232-4             | yogesh    | 3/19/2025 6:21:09 AM | mohammad      | 3/19/2025 6:54:14  | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pp031125 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter    | Review By | Review On            | Supervised By | Supervised On      | Reason                      |
|--------------|------------|--------------|-----------|----------------------|---------------|--------------------|-----------------------------|
| AR1232ICC050 | PP070429.D | AR-1232-5    | yogesh    | 3/19/2025 6:21:09 AM | mohammad      | 3/19/2025 6:54:14  | Peak Integrated by Software |
| AR1232ICC050 | PP070429.D | AR-1232-5 #2 | yogesh    | 3/19/2025 6:21:09 AM | mohammad      | 3/19/2025 6:54:14  | Peak Integrated by Software |
| AR1242ICC050 | PP070434.D | AR-1242-1    | yogesh    | 3/12/2025 7:57:12 AM | Ankita        | 3/12/2025 10:45:18 | Peak Integrated by Software |
| AR1242ICC050 | PP070434.D | AR-1242-1 #2 | yogesh    | 3/12/2025 7:57:12 AM | Ankita        | 3/12/2025 10:45:18 | Peak Integrated by Software |
| AR1242ICC050 | PP070434.D | AR-1242-2    | yogesh    | 3/12/2025 7:57:12 AM | Ankita        | 3/12/2025 10:45:18 | Peak Integrated by Software |
| AR1242ICC050 | PP070434.D | AR-1242-2 #2 | yogesh    | 3/12/2025 7:57:12 AM | Ankita        | 3/12/2025 10:45:18 | Peak Integrated by Software |
| AR1242ICC050 | PP070434.D | AR-1242-3    | yogesh    | 3/12/2025 7:57:12 AM | Ankita        | 3/12/2025 10:45:18 | Peak Integrated by Software |
| AR1242ICC050 | PP070434.D | AR-1242-4    | yogesh    | 3/12/2025 7:57:12 AM | Ankita        | 3/12/2025 10:45:18 | Peak Integrated by Software |
| AR1248ICC050 | PP070439.D | AR-1248-1    | yogesh    | 3/12/2025 7:57:14 AM | Ankita        | 3/12/2025 10:45:19 | Peak Integrated by Software |
| AR1248ICC050 | PP070439.D | AR-1248-2    | yogesh    | 3/12/2025 7:57:14 AM | Ankita        | 3/12/2025 10:45:19 | Peak Integrated by Software |
| AR1268ICC050 | PP070450.D | AR-1268-1 #2 | yogesh    | 3/12/2025 7:57:15 AM | Ankita        | 3/12/2025 10:45:21 | Peak Integrated by Software |
| AR1268ICC050 | PP070450.D | AR-1268-2 #2 | yogesh    | 3/12/2025 7:57:15 AM | Ankita        | 3/12/2025 10:45:21 | Peak Integrated by Software |
| AR1268ICC050 | PP070450.D | AR-1268-3 #2 | yogesh    | 3/12/2025 7:57:15 AM | Ankita        | 3/12/2025 10:45:21 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pp031125

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter    | Review By | Review On            | Supervised By | Supervised On      | Reason                      |
|--------------|------------|--------------|-----------|----------------------|---------------|--------------------|-----------------------------|
| AR1242CCC500 | PP070465.D | AR-1242-5    | yogesh    | 3/12/2025 7:57:17 AM | Ankita        | 3/12/2025 10:45:22 | Peak Integrated by Software |
| AR1242CCC500 | PP070465.D | AR-1242-5 #2 | yogesh    | 3/12/2025 7:57:17 AM | Ankita        | 3/12/2025 10:45:22 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP031425 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1660CCC500 | PP070500.D | AR-1016-5 #2          | yogesh    | 3/17/2025 8:23:24 AM | mohammad      | 3/19/2025 6:36:42 | Peak Integrated by Software |
| AR1660CCC500 | PP070500.D | AR-1260-1             | yogesh    | 3/17/2025 8:23:24 AM | mohammad      | 3/19/2025 6:36:42 | Peak Integrated by Software |
| AR1660CCC500 | PP070500.D | AR-1260-2             | yogesh    | 3/17/2025 8:23:24 AM | mohammad      | 3/19/2025 6:36:42 | Peak Integrated by Software |
| AR1660CCC500 | PP070515.D | AR-1016-5 #2          | yogesh    | 3/17/2025 8:23:46 AM | mohammad      | 3/19/2025 6:37:16 | Peak Integrated by Software |
| AR1660CCC500 | PP070515.D | AR-1260-1             | yogesh    | 3/17/2025 8:23:46 AM | mohammad      | 3/19/2025 6:37:16 | Peak Integrated by Software |
| AR1242CCC500 | PP070544.D | Decachlorobiphenyl    | yogesh    | 3/17/2025 8:24:05 AM | mohammad      | 3/19/2025 6:37:57 | Peak Integrated by Software |
| PB167143BS   | PP070549.D | AR-1260-4             | yogesh    | 3/17/2025 8:24:07 AM | mohammad      | 3/19/2025 6:38:01 | Peak Integrated by Software |
| Q1569-04     | PP070551.D | Tetrachloro-m-xylene  | yogesh    | 3/17/2025 8:24:09 AM | mohammad      | 3/19/2025 6:38:05 | Peak Integrated by Software |
| Q1572-06MS   | PP070564.D | AR-1016-5             | yogesh    | 3/17/2025 8:24:23 AM | mohammad      | 3/19/2025 6:38:38 | Peak Integrated by Software |
| Q1572-06MS   | PP070564.D | AR-1248-3             | yogesh    | 3/17/2025 8:24:23 AM | mohammad      | 3/19/2025 6:38:38 | Peak Integrated by Software |
| Q1572-06MS   | PP070564.D | AR-1260-1 #2          | yogesh    | 3/17/2025 8:24:23 AM | mohammad      | 3/19/2025 6:38:38 | Peak Integrated by Software |
| Q1572-06MS   | PP070564.D | Decachlorobiphenyl    | yogesh    | 3/17/2025 8:24:23 AM | mohammad      | 3/19/2025 6:38:38 | Peak Integrated by Software |
| Q1572-06MS   | PP070564.D | Decachlorobiphenyl #2 | yogesh    | 3/17/2025 8:24:23 AM | mohammad      | 3/19/2025 6:38:38 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP031425 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|-------------|------------|-----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| Q1572-06MSD | PP070565.D | AR-1016-5             | yogesh    | 3/17/2025 8:24:24 AM | mohammad      | 3/19/2025 6:38:42 | Peak Integrated by Software |
| Q1572-06MSD | PP070565.D | AR-1221-2             | yogesh    | 3/17/2025 8:24:24 AM | mohammad      | 3/19/2025 6:38:42 | Peak Integrated by Software |
| Q1572-06MSD | PP070565.D | AR-1248-3             | yogesh    | 3/17/2025 8:24:24 AM | mohammad      | 3/19/2025 6:38:42 | Peak Integrated by Software |
| Q1572-06MSD | PP070565.D | AR-1260-1 #2          | yogesh    | 3/17/2025 8:24:24 AM | mohammad      | 3/19/2025 6:38:42 | Peak Integrated by Software |
| Q1572-06MSD | PP070565.D | Decachlorobiphenyl    | yogesh    | 3/17/2025 8:24:24 AM | mohammad      | 3/19/2025 6:38:42 | Peak Integrated by Software |
| Q1572-06MSD | PP070565.D | Decachlorobiphenyl #2 | yogesh    | 3/17/2025 8:24:24 AM | mohammad      | 3/19/2025 6:38:42 | Peak Integrated by Software |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031125**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 3/12/2025 7:57:33 AM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 3/19/2025 6:54:29 AM          |
| SubDirectory             | PP031125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | SampleId      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PP070417.D     | 11 Mar 2025 14:41 | YP\AJ    | Ok     |
| 2   | I.BLK         | PP070418.D     | 11 Mar 2025 14:57 | YP\AJ    | Ok     |
| 3   | AR1660ICC1000 | PP070419.D     | 11 Mar 2025 15:13 | YP\AJ    | Ok     |
| 4   | AR1660ICC750  | PP070420.D     | 11 Mar 2025 15:29 | YP\AJ    | Ok     |
| 5   | AR1660ICC500  | PP070421.D     | 11 Mar 2025 15:46 | YP\AJ    | Ok     |
| 6   | AR1660ICC250  | PP070422.D     | 11 Mar 2025 16:02 | YP\AJ    | Ok,M   |
| 7   | AR1660ICC050  | PP070423.D     | 11 Mar 2025 16:18 | YP\AJ    | Ok,M   |
| 8   | AR1221ICC500  | PP070424.D     | 11 Mar 2025 16:34 | YP\AJ    | Ok     |
| 9   | AR1232ICC1000 | PP070425.D     | 11 Mar 2025 16:51 | YP\AJ    | Ok     |
| 10  | AR1232ICC750  | PP070426.D     | 11 Mar 2025 17:07 | YP\AJ    | Ok     |
| 11  | AR1232ICC500  | PP070427.D     | 11 Mar 2025 17:23 | YP\AJ    | Ok     |
| 12  | AR1232ICC250  | PP070428.D     | 11 Mar 2025 17:40 | YP\AJ    | Ok,M   |
| 13  | AR1232ICC050  | PP070429.D     | 11 Mar 2025 17:56 | YP\AJ    | Ok,M   |
| 14  | AR1242ICC1000 | PP070430.D     | 11 Mar 2025 18:12 | YP\AJ    | Ok     |
| 15  | AR1242ICC750  | PP070431.D     | 11 Mar 2025 18:28 | YP\AJ    | Ok     |
| 16  | AR1242ICC500  | PP070432.D     | 11 Mar 2025 18:45 | YP\AJ    | Ok     |
| 17  | AR1242ICC250  | PP070433.D     | 11 Mar 2025 19:01 | YP\AJ    | Ok     |
| 18  | AR1242ICC050  | PP070434.D     | 11 Mar 2025 19:17 | YP\AJ    | Ok,M   |
| 19  | AR1248ICC1000 | PP070435.D     | 11 Mar 2025 19:34 | YP\AJ    | Ok     |
| 20  | AR1248ICC750  | PP070436.D     | 11 Mar 2025 19:50 | YP\AJ    | Ok     |
| 21  | AR1248ICC500  | PP070437.D     | 11 Mar 2025 20:06 | YP\AJ    | Ok     |



Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031125**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 3/12/2025 7:57:33 AM          |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 3/19/2025 6:54:29 AM          |
| SubDirectory             | PP031125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP031125 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |                |            |                   |       |      |
|----|----------------|------------|-------------------|-------|------|
| 22 | AR1248ICC250   | PP070438.D | 11 Mar 2025 20:22 | YPIAJ | Ok   |
| 23 | AR1248ICC050   | PP070439.D | 11 Mar 2025 20:39 | YPIAJ | Ok,M |
| 24 | AR1254ICC1000  | PP070440.D | 11 Mar 2025 20:55 | YPIAJ | Ok   |
| 25 | AR1254ICC750   | PP070441.D | 11 Mar 2025 21:11 | YPIAJ | Ok   |
| 26 | AR1254ICC500   | PP070442.D | 11 Mar 2025 21:28 | YPIAJ | Ok   |
| 27 | AR1254ICC250   | PP070443.D | 11 Mar 2025 21:44 | YPIAJ | Ok   |
| 28 | AR1254ICC050   | PP070444.D | 11 Mar 2025 22:00 | YPIAJ | Ok   |
| 29 | AR1262ICC500   | PP070445.D | 11 Mar 2025 22:16 | YPIAJ | Ok   |
| 30 | AR1268ICC1000  | PP070446.D | 11 Mar 2025 22:33 | YPIAJ | Ok   |
| 31 | AR1268ICC750   | PP070447.D | 11 Mar 2025 22:49 | YPIAJ | Ok   |
| 32 | AR1268ICC500   | PP070448.D | 11 Mar 2025 23:05 | YPIAJ | Ok   |
| 33 | AR1268ICC250   | PP070449.D | 11 Mar 2025 23:22 | YPIAJ | Ok   |
| 34 | AR1268ICC050   | PP070450.D | 11 Mar 2025 23:38 | YPIAJ | Ok,M |
| 35 | PP031125ICV500 | PP070451.D | 11 Mar 2025 23:54 | YPIAJ | Ok   |
| 36 | AR1232ICV500   | PP070452.D | 12 Mar 2025 00:10 | YPIAJ | Ok   |
| 37 | AR1242ICV500   | PP070453.D | 12 Mar 2025 00:27 | YPIAJ | Ok   |
| 38 | AR1248ICV500   | PP070454.D | 12 Mar 2025 00:43 | YPIAJ | Ok   |
| 39 | AR1254ICV500   | PP070455.D | 12 Mar 2025 00:59 | YPIAJ | Ok   |
| 40 | AR1268ICV500   | PP070456.D | 12 Mar 2025 01:16 | YPIAJ | Ok   |
| 41 | AR1660CCC500   | PP070457.D | 12 Mar 2025 01:32 | YPIAJ | Ok   |
| 42 | AR1232CCC500   | PP070458.D | 12 Mar 2025 01:48 | YPIAJ | Ok   |
| 43 | AR1242CCC500   | PP070459.D | 12 Mar 2025 02:04 | YPIAJ | Ok   |
| 44 | I.BLK          | PP070460.D | 12 Mar 2025 02:21 | YPIAJ | Ok   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031125**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 3/12/2025 7:57:33 AM          |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 3/19/2025 6:54:29 AM          |
| SubDirectory             | PP031125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP031125 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |      |
|----|--------------|------------|-------------------|-------|------|
| 45 | PB167066BL   | PP070461.D | 12 Mar 2025 02:37 | YP\AJ | Ok   |
| 46 | Q1502-15     | PP070462.D | 12 Mar 2025 02:53 | YP\AJ | Ok   |
| 47 | AR1660CCC500 | PP070463.D | 12 Mar 2025 03:09 | YP\AJ | Ok   |
| 48 | AR1232CCC500 | PP070464.D | 12 Mar 2025 03:26 | YP\AJ | Ok   |
| 49 | AR1242CCC500 | PP070465.D | 12 Mar 2025 03:42 | YP\AJ | Ok,M |
| 50 | I.BLK        | PP070466.D | 12 Mar 2025 03:58 | YP\AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031425**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 3/17/2025 8:24:56 AM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 3/19/2025 6:39:12 AM          |
| SubDirectory             | PP031425                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | SampleId     | Data File Name | Date-Time         | Operator | Status |
|-----|--------------|----------------|-------------------|----------|--------|
| 1   | HEXANE       | PP070499.D     | 14 Mar 2025 07:42 | YP\AJ    | Ok     |
| 2   | AR1660CCC500 | PP070500.D     | 14 Mar 2025 07:58 | YP\AJ    | Ok,M   |
| 3   | AR1242CCC500 | PP070501.D     | 14 Mar 2025 08:14 | YP\AJ    | Ok     |
| 4   | AR1248CCC500 | PP070502.D     | 14 Mar 2025 08:31 | YP\AJ    | Ok     |
| 5   | AR1254CCC500 | PP070503.D     | 14 Mar 2025 08:47 | YP\AJ    | Ok     |
| 6   | I.BLK        | PP070504.D     | 14 Mar 2025 09:03 | YP\AJ    | Ok     |
| 7   | PB167130BL   | PP070505.D     | 14 Mar 2025 09:21 | YP\AJ    | Ok     |
| 8   | PB167130BS   | PP070506.D     | 14 Mar 2025 09:37 | YP\AJ    | Ok     |
| 9   | Q1562-01     | PP070507.D     | 14 Mar 2025 09:53 | YP\AJ    | Ok,M   |
| 10  | Q1562-02     | PP070508.D     | 14 Mar 2025 10:09 | YP\AJ    | Ok,M   |
| 11  | Q1562-03     | PP070509.D     | 14 Mar 2025 10:26 | YP\AJ    | Ok,M   |
| 12  | Q1562-04     | PP070510.D     | 14 Mar 2025 10:42 | YP\AJ    | Ok,M   |
| 13  | Q1562-05     | PP070511.D     | 14 Mar 2025 10:58 | YP\AJ    | Ok,M   |
| 14  | Q1562-06     | PP070512.D     | 14 Mar 2025 11:14 | YP\AJ    | Ok,M   |
| 15  | Q1562-07     | PP070513.D     | 14 Mar 2025 11:31 | YP\AJ    | Ok,M   |
| 16  | Q1562-08     | PP070514.D     | 14 Mar 2025 11:47 | YP\AJ    | Ok,M   |
| 17  | AR1660CCC500 | PP070515.D     | 14 Mar 2025 12:36 | YP\AJ    | Ok,M   |
| 18  | AR1242CCC500 | PP070516.D     | 14 Mar 2025 12:52 | YP\AJ    | Ok     |
| 19  | AR1248CCC500 | PP070517.D     | 14 Mar 2025 13:08 | YP\AJ    | Ok     |
| 20  | AR1254CCC500 | PP070518.D     | 14 Mar 2025 13:24 | YP\AJ    | Ok     |
| 21  | I.BLK        | PP070519.D     | 14 Mar 2025 13:41 | YP\AJ    | Ok     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031425**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 3/17/2025 8:24:56 AM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 3/19/2025 6:39:12 AM          |
| SubDirectory             | PP031425                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |      |
|----|--------------|------------|-------------------|-------|------|
| 22 | Q1564-04     | PP070520.D | 14 Mar 2025 13:57 | YP\AJ | Ok,M |
| 23 | Q1564-05     | PP070521.D | 14 Mar 2025 14:13 | YP\AJ | Ok,M |
| 24 | Q1564-06     | PP070522.D | 14 Mar 2025 14:29 | YP\AJ | Ok,M |
| 25 | Q1564-01     | PP070523.D | 14 Mar 2025 14:45 | YP\AJ | Ok,M |
| 26 | Q1564-02     | PP070524.D | 14 Mar 2025 15:02 | YP\AJ | Ok,M |
| 27 | Q1564-03     | PP070525.D | 14 Mar 2025 15:18 | YP\AJ | Ok,M |
| 28 | PB167139BL   | PP070526.D | 14 Mar 2025 15:34 | YP\AJ | Ok   |
| 29 | PB167139BS   | PP070527.D | 14 Mar 2025 15:50 | YP\AJ | Ok   |
| 30 | PB167139BSD  | PP070528.D | 14 Mar 2025 16:06 | YP\AJ | Ok   |
| 31 | AR1660CCC500 | PP070529.D | 14 Mar 2025 16:55 | YP\AJ | Ok   |
| 32 | AR1242CCC500 | PP070530.D | 14 Mar 2025 17:11 | YP\AJ | Ok   |
| 33 | AR1248CCC500 | PP070531.D | 14 Mar 2025 17:28 | YP\AJ | Ok   |
| 34 | AR1254CCC500 | PP070532.D | 14 Mar 2025 17:44 | YP\AJ | Ok   |
| 35 | I.BLK        | PP070533.D | 14 Mar 2025 18:00 | YP\AJ | Ok   |
| 36 | Q1553-03     | PP070534.D | 14 Mar 2025 18:16 | YP\AJ | Ok,M |
| 37 | Q1563-01     | PP070535.D | 14 Mar 2025 18:33 | YP\AJ | Ok   |
| 38 | Q1563-02     | PP070536.D | 14 Mar 2025 18:49 | YP\AJ | Ok,M |
| 39 | PB167136BL   | PP070537.D | 14 Mar 2025 19:05 | YP\AJ | Ok   |
| 40 | PB167136BS   | PP070538.D | 14 Mar 2025 19:21 | YP\AJ | Ok   |
| 41 | Q1566-01     | PP070539.D | 14 Mar 2025 19:38 | YP\AJ | Ok   |
| 42 | Q1568-01     | PP070540.D | 14 Mar 2025 19:54 | YP\AJ | Ok   |
| 43 | Q1568-01MS   | PP070541.D | 14 Mar 2025 20:10 | YP\AJ | Ok   |
| 44 | Q1568-01MSD  | PP070542.D | 14 Mar 2025 20:26 | YP\AJ | Ok,M |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031425**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 3/17/2025 8:24:56 AM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 3/19/2025 6:39:12 AM          |
| SubDirectory             | PP031425                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |          |
|----|--------------|------------|-------------------|-------|----------|
| 45 | AR1660CCC500 | PP070543.D | 14 Mar 2025 21:15 | YP\AJ | Ok       |
| 46 | AR1242CCC500 | PP070544.D | 14 Mar 2025 21:31 | YP\AJ | Ok,M     |
| 47 | AR1248CCC500 | PP070545.D | 14 Mar 2025 21:48 | YP\AJ | Ok       |
| 48 | AR1254CCC500 | PP070546.D | 14 Mar 2025 22:04 | YP\AJ | Ok       |
| 49 | I.BLK        | PP070547.D | 14 Mar 2025 22:20 | YP\AJ | Ok       |
| 50 | PB167143BL   | PP070548.D | 14 Mar 2025 22:36 | YP\AJ | Ok       |
| 51 | PB167143BS   | PP070549.D | 14 Mar 2025 22:52 | YP\AJ | Ok,M     |
| 52 | Q1569-01     | PP070550.D | 14 Mar 2025 23:09 | YP\AJ | Ok       |
| 53 | Q1569-04     | PP070551.D | 14 Mar 2025 23:25 | YP\AJ | Ok,M     |
| 54 | Q1572-01     | PP070552.D | 14 Mar 2025 23:41 | YP\AJ | Dilution |
| 55 | Q1572-02     | PP070553.D | 14 Mar 2025 23:57 | YP\AJ | Dilution |
| 56 | Q1572-03     | PP070554.D | 15 Mar 2025 00:14 | YP\AJ | Dilution |
| 57 | Q1572-04     | PP070555.D | 15 Mar 2025 00:30 | YP\AJ | Dilution |
| 58 | Q1572-05     | PP070556.D | 15 Mar 2025 00:46 | YP\AJ | Dilution |
| 59 | Q1572-07     | PP070557.D | 15 Mar 2025 01:02 | YP\AJ | Dilution |
| 60 | AR1660CCC500 | PP070558.D | 15 Mar 2025 01:51 | YP\AJ | Ok       |
| 61 | AR1242CCC500 | PP070559.D | 15 Mar 2025 02:07 | YP\AJ | Ok       |
| 62 | AR1248CCC500 | PP070560.D | 15 Mar 2025 02:24 | YP\AJ | Ok       |
| 63 | AR1254CCC500 | PP070561.D | 15 Mar 2025 02:40 | YP\AJ | Ok       |
| 64 | I.BLK        | PP070562.D | 15 Mar 2025 02:56 | YP\AJ | Ok       |
| 65 | Q1572-06     | PP070563.D | 15 Mar 2025 03:12 | YP\AJ | Dilution |
| 66 | Q1572-06MS   | PP070564.D | 15 Mar 2025 03:29 | YP\AJ | Ok,M     |
| 67 | Q1572-06MSD  | PP070565.D | 15 Mar 2025 03:45 | YP\AJ | Ok,M     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031425**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 3/17/2025 8:24:56 AM          |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 3/19/2025 6:39:12 AM          |
| SubDirectory             | PP031425                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP031125 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |          |
|----|--------------|------------|-------------------|-------|----------|
| 68 | Q1572-08     | PP070566.D | 15 Mar 2025 04:01 | YP\AJ | Dilution |
| 69 | Q1572-09     | PP070567.D | 15 Mar 2025 04:17 | YP\AJ | Dilution |
| 70 | AR1660CCC500 | PP070568.D | 15 Mar 2025 05:06 | YP\AJ | Ok       |
| 71 | AR1242CCC500 | PP070569.D | 15 Mar 2025 05:22 | YP\AJ | Ok       |
| 72 | AR1248CCC500 | PP070570.D | 15 Mar 2025 05:39 | YP\AJ | Ok       |
| 73 | AR1254CCC500 | PP070571.D | 15 Mar 2025 05:55 | YP\AJ | Ok       |
| 74 | I.BLK        | PP070572.D | 15 Mar 2025 06:11 | YP\AJ | Ok       |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031125**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 3/12/2025 7:57:33 AM          |
| Supervise By | mohammad | Supervise On      | 3/19/2025 6:54:29 AM          |
| SubDirectory | PP031125 | HP Acquire Method | HP Processing Method PP031125 |

| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |

| Sr# | SampleID      | ClientID      | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------|---------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE        | HEXANE        | PP070417.D     | 11 Mar 2025 14:41 |         | YP\AJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PP070418.D     | 11 Mar 2025 14:57 |         | YP\AJ    | Ok     |
| 3   | AR1660ICC1000 | AR1660ICC1000 | PP070419.D     | 11 Mar 2025 15:13 |         | YP\AJ    | Ok     |
| 4   | AR1660ICC750  | AR1660ICC750  | PP070420.D     | 11 Mar 2025 15:29 |         | YP\AJ    | Ok     |
| 5   | AR1660ICC500  | AR1660ICC500  | PP070421.D     | 11 Mar 2025 15:46 |         | YP\AJ    | Ok     |
| 6   | AR1660ICC250  | AR1660ICC250  | PP070422.D     | 11 Mar 2025 16:02 |         | YP\AJ    | Ok,M   |
| 7   | AR1660ICC050  | AR1660ICC050  | PP070423.D     | 11 Mar 2025 16:18 |         | YP\AJ    | Ok,M   |
| 8   | AR1221ICC500  | AR1221ICC500  | PP070424.D     | 11 Mar 2025 16:34 |         | YP\AJ    | Ok     |
| 9   | AR1232ICC1000 | AR1232ICC1000 | PP070425.D     | 11 Mar 2025 16:51 |         | YP\AJ    | Ok     |
| 10  | AR1232ICC750  | AR1232ICC750  | PP070426.D     | 11 Mar 2025 17:07 |         | YP\AJ    | Ok     |
| 11  | AR1232ICC500  | AR1232ICC500  | PP070427.D     | 11 Mar 2025 17:23 |         | YP\AJ    | Ok     |
| 12  | AR1232ICC250  | AR1232ICC250  | PP070428.D     | 11 Mar 2025 17:40 |         | YP\AJ    | Ok,M   |
| 13  | AR1232ICC050  | AR1232ICC050  | PP070429.D     | 11 Mar 2025 17:56 |         | YP\AJ    | Ok,M   |
| 14  | AR1242ICC1000 | AR1242ICC1000 | PP070430.D     | 11 Mar 2025 18:12 |         | YP\AJ    | Ok     |
| 15  | AR1242ICC750  | AR1242ICC750  | PP070431.D     | 11 Mar 2025 18:28 |         | YP\AJ    | Ok     |
| 16  | AR1242ICC500  | AR1242ICC500  | PP070432.D     | 11 Mar 2025 18:45 |         | YP\AJ    | Ok     |
| 17  | AR1242ICC250  | AR1242ICC250  | PP070433.D     | 11 Mar 2025 19:01 |         | YP\AJ    | Ok     |
| 18  | AR1242ICC050  | AR1242ICC050  | PP070434.D     | 11 Mar 2025 19:17 |         | YP\AJ    | Ok,M   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031125**

|                                         |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                               | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 3/12/2025 7:57:33 AM          |
| Supervise By                            | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 3/19/2025 6:54:29 AM          |
| SubDirectory                            | PP031125                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P<br>P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP<br>23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                                     | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM                   |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                               | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                         |                   |                               |
| Surrogate Standard                      |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard                         |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard                            |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |                |                   |            |                   |  |       |      |
|----|----------------|-------------------|------------|-------------------|--|-------|------|
| 19 | AR1248ICC1000  | AR1248ICC1000     | PP070435.D | 11 Mar 2025 19:34 |  | YPIAJ | Ok   |
| 20 | AR1248ICC750   | AR1248ICC750      | PP070436.D | 11 Mar 2025 19:50 |  | YPIAJ | Ok   |
| 21 | AR1248ICC500   | AR1248ICC500      | PP070437.D | 11 Mar 2025 20:06 |  | YPIAJ | Ok   |
| 22 | AR1248ICC250   | AR1248ICC250      | PP070438.D | 11 Mar 2025 20:22 |  | YPIAJ | Ok   |
| 23 | AR1248ICC050   | AR1248ICC050      | PP070439.D | 11 Mar 2025 20:39 |  | YPIAJ | Ok,M |
| 24 | AR1254ICC1000  | AR1254ICC1000     | PP070440.D | 11 Mar 2025 20:55 |  | YPIAJ | Ok   |
| 25 | AR1254ICC750   | AR1254ICC750      | PP070441.D | 11 Mar 2025 21:11 |  | YPIAJ | Ok   |
| 26 | AR1254ICC500   | AR1254ICC500      | PP070442.D | 11 Mar 2025 21:28 |  | YPIAJ | Ok   |
| 27 | AR1254ICC250   | AR1254ICC250      | PP070443.D | 11 Mar 2025 21:44 |  | YPIAJ | Ok   |
| 28 | AR1254ICC050   | AR1254ICC050      | PP070444.D | 11 Mar 2025 22:00 |  | YPIAJ | Ok   |
| 29 | AR1262ICC500   | AR1262ICC500      | PP070445.D | 11 Mar 2025 22:16 |  | YPIAJ | Ok   |
| 30 | AR1268ICC1000  | AR1268ICC1000     | PP070446.D | 11 Mar 2025 22:33 |  | YPIAJ | Ok   |
| 31 | AR1268ICC750   | AR1268ICC750      | PP070447.D | 11 Mar 2025 22:49 |  | YPIAJ | Ok   |
| 32 | AR1268ICC500   | AR1268ICC500      | PP070448.D | 11 Mar 2025 23:05 |  | YPIAJ | Ok   |
| 33 | AR1268ICC250   | AR1268ICC250      | PP070449.D | 11 Mar 2025 23:22 |  | YPIAJ | Ok   |
| 34 | AR1268ICC050   | AR1268ICC050      | PP070450.D | 11 Mar 2025 23:38 |  | YPIAJ | Ok,M |
| 35 | PP031125ICV500 | ICVPP031125       | PP070451.D | 11 Mar 2025 23:54 |  | YPIAJ | Ok   |
| 36 | AR1232ICV500   | ICVPP031125AR1232 | PP070452.D | 12 Mar 2025 00:10 |  | YPIAJ | Ok   |
| 37 | AR1242ICV500   | ICVPP031125AR1242 | PP070453.D | 12 Mar 2025 00:27 |  | YPIAJ | Ok   |



Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031125**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 3/12/2025 7:57:33 AM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 3/19/2025 6:54:29 AM          |
| SubDirectory             | PP031125                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P<br>P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP<br>23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                         |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |                   |            |                   |            |       |      |
|----|--------------|-------------------|------------|-------------------|------------|-------|------|
| 38 | AR1248ICV500 | ICVPP031125AR1248 | PP070454.D | 12 Mar 2025 00:43 |            | YPIAJ | Ok   |
| 39 | AR1254ICV500 | ICVPP031125AR1254 | PP070455.D | 12 Mar 2025 00:59 |            | YPIAJ | Ok   |
| 40 | AR1268ICV500 | ICVPP031125AR1268 | PP070456.D | 12 Mar 2025 01:16 |            | YPIAJ | Ok   |
| 41 | AR1660CCC500 | AR1660CCC500      | PP070457.D | 12 Mar 2025 01:32 |            | YPIAJ | Ok   |
| 42 | AR1232CCC500 | AR1232CCC500      | PP070458.D | 12 Mar 2025 01:48 |            | YPIAJ | Ok   |
| 43 | AR1242CCC500 | AR1242CCC500      | PP070459.D | 12 Mar 2025 02:04 |            | YPIAJ | Ok   |
| 44 | I.BLK        | I.BLK             | PP070460.D | 12 Mar 2025 02:21 |            | YPIAJ | Ok   |
| 45 | PB167066BL   | PB167066BL        | PP070461.D | 12 Mar 2025 02:37 |            | YPIAJ | Ok   |
| 46 | Q1502-15     | PT-PCBW-WP        | PP070462.D | 12 Mar 2025 02:53 | AR1232 HIT | YPIAJ | Ok   |
| 47 | AR1660CCC500 | AR1660CCC500      | PP070463.D | 12 Mar 2025 03:09 |            | YPIAJ | Ok   |
| 48 | AR1232CCC500 | AR1232CCC500      | PP070464.D | 12 Mar 2025 03:26 |            | YPIAJ | Ok   |
| 49 | AR1242CCC500 | AR1242CCC500      | PP070465.D | 12 Mar 2025 03:42 |            | YPIAJ | Ok,M |
| 50 | I.BLK        | I.BLK             | PP070466.D | 12 Mar 2025 03:58 |            | YPIAJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031425**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 3/17/2025 8:24:56 AM          |
| Supervise By | mohammad | Supervise On      | 3/19/2025 6:39:12 AM          |
| SubDirectory | PP031425 | HP Acquire Method | HP Processing Method PP031125 |

| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P<br>P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP<br>23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                         |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                         |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |

| Sr# | SampleId     | ClientID     | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|--------------|--------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE       | HEXANE       | PP070499.D     | 14 Mar 2025 07:42 |         | YP\AJ    | Ok     |
| 2   | AR1660CCC500 | AR1660CCC500 | PP070500.D     | 14 Mar 2025 07:58 |         | YP\AJ    | Ok,M   |
| 3   | AR1242CCC500 | AR1242CCC500 | PP070501.D     | 14 Mar 2025 08:14 |         | YP\AJ    | Ok     |
| 4   | AR1248CCC500 | AR1248CCC500 | PP070502.D     | 14 Mar 2025 08:31 |         | YP\AJ    | Ok     |
| 5   | AR1254CCC500 | AR1254CCC500 | PP070503.D     | 14 Mar 2025 08:47 |         | YP\AJ    | Ok     |
| 6   | I.BLK        | I.BLK        | PP070504.D     | 14 Mar 2025 09:03 |         | YP\AJ    | Ok     |
| 7   | PB167130BL   | PB167130BL   | PP070505.D     | 14 Mar 2025 09:21 |         | YP\AJ    | Ok     |
| 8   | PB167130BS   | PB167130BS   | PP070506.D     | 14 Mar 2025 09:37 |         | YP\AJ    | Ok     |
| 9   | Q1562-01     | BC271227-1-1 | PP070507.D     | 14 Mar 2025 09:53 |         | YP\AJ    | Ok,M   |
| 10  | Q1562-02     | BC271227-1-2 | PP070508.D     | 14 Mar 2025 10:09 |         | YP\AJ    | Ok,M   |
| 11  | Q1562-03     | BC271227-2-1 | PP070509.D     | 14 Mar 2025 10:26 |         | YP\AJ    | Ok,M   |
| 12  | Q1562-04     | BC271227-2-2 | PP070510.D     | 14 Mar 2025 10:42 |         | YP\AJ    | Ok,M   |
| 13  | Q1562-05     | EFB643W-1-1  | PP070511.D     | 14 Mar 2025 10:58 |         | YP\AJ    | Ok,M   |
| 14  | Q1562-06     | EFB643W-1-2  | PP070512.D     | 14 Mar 2025 11:14 |         | YP\AJ    | Ok,M   |
| 15  | Q1562-07     | GHA524R-1-1  | PP070513.D     | 14 Mar 2025 11:31 |         | YP\AJ    | Ok,M   |
| 16  | Q1562-08     | GHA524R-1-2  | PP070514.D     | 14 Mar 2025 11:47 |         | YP\AJ    | Ok,M   |
| 17  | AR1660CCC500 | AR1660CCC500 | PP070515.D     | 14 Mar 2025 12:36 |         | YP\AJ    | Ok,M   |
| 18  | AR1242CCC500 | AR1242CCC500 | PP070516.D     | 14 Mar 2025 12:52 |         | YP\AJ    | Ok     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031425**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 3/17/2025 8:24:56 AM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 3/19/2025 6:39:12 AM          |
| SubDirectory             | PP031425                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P<br>P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP<br>23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                         |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |                  |            |                   |  |       |      |
|----|--------------|------------------|------------|-------------------|--|-------|------|
| 19 | AR1248CCC500 | AR1248CCC500     | PP070517.D | 14 Mar 2025 13:08 |  | YPIAJ | Ok   |
| 20 | AR1254CCC500 | AR1254CCC500     | PP070518.D | 14 Mar 2025 13:24 |  | YPIAJ | Ok   |
| 21 | I.BLK        | I.BLK            | PP070519.D | 14 Mar 2025 13:41 |  | YPIAJ | Ok   |
| 22 | Q1564-04     | BC258874-1-2     | PP070520.D | 14 Mar 2025 13:57 |  | YPIAJ | Ok,M |
| 23 | Q1564-05     | BC226751-1-1     | PP070521.D | 14 Mar 2025 14:13 |  | YPIAJ | Ok,M |
| 24 | Q1564-06     | BC226751-1-2     | PP070522.D | 14 Mar 2025 14:29 |  | YPIAJ | Ok,M |
| 25 | Q1564-01     | BC247799-1-1     | PP070523.D | 14 Mar 2025 14:45 |  | YPIAJ | Ok,M |
| 26 | Q1564-02     | BC247799-1-2     | PP070524.D | 14 Mar 2025 15:02 |  | YPIAJ | Ok,M |
| 27 | Q1564-03     | BC258874-1-1     | PP070525.D | 14 Mar 2025 15:18 |  | YPIAJ | Ok,M |
| 28 | PB167139BL   | PB167139BL       | PP070526.D | 14 Mar 2025 15:34 |  | YPIAJ | Ok   |
| 29 | PB167139BS   | PB167139BS       | PP070527.D | 14 Mar 2025 15:50 |  | YPIAJ | Ok   |
| 30 | PB167139BSD  | PB167139BSD      | PP070528.D | 14 Mar 2025 16:06 |  | YPIAJ | Ok   |
| 31 | AR1660CCC500 | AR1660CCC500     | PP070529.D | 14 Mar 2025 16:55 |  | YPIAJ | Ok   |
| 32 | AR1242CCC500 | AR1242CCC500     | PP070530.D | 14 Mar 2025 17:11 |  | YPIAJ | Ok   |
| 33 | AR1248CCC500 | AR1248CCC500     | PP070531.D | 14 Mar 2025 17:28 |  | YPIAJ | Ok   |
| 34 | AR1254CCC500 | AR1254CCC500     | PP070532.D | 14 Mar 2025 17:44 |  | YPIAJ | Ok   |
| 35 | I.BLK        | I.BLK            | PP070533.D | 14 Mar 2025 18:00 |  | YPIAJ | Ok   |
| 36 | Q1553-03     | FRAC-TANK-FMI120 | PP070534.D | 14 Mar 2025 18:16 |  | YPIAJ | Ok,M |
| 37 | Q1563-01     | 437              | PP070535.D | 14 Mar 2025 18:33 |  | YPIAJ | Ok   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031425**

|                                         |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                               | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 3/17/2025 8:24:56 AM          |
| Supervise By                            | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 3/19/2025 6:39:12 AM          |
| SubDirectory                            | PP031425                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P<br>P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP<br>23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                                     | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM                   |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                               | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                         |                   |                               |
| Surrogate Standard                      |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard                         |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard                            |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |                     |            |                   |                                                                          |       |          |
|----|--------------|---------------------|------------|-------------------|--------------------------------------------------------------------------|-------|----------|
| 38 | Q1563-02     | FERNOT-WATER        | PP070536.D | 14 Mar 2025 18:49 |                                                                          | YPIAJ | Ok,M     |
| 39 | PB167136BL   | PB167136BL          | PP070537.D | 14 Mar 2025 19:05 |                                                                          | YPIAJ | Ok       |
| 40 | PB167136BS   | PB167136BS          | PP070538.D | 14 Mar 2025 19:21 |                                                                          | YPIAJ | Ok       |
| 41 | Q1566-01     | CTWK-COMP           | PP070539.D | 14 Mar 2025 19:38 |                                                                          | YPIAJ | Ok       |
| 42 | Q1568-01     | JC-03-03132025      | PP070540.D | 14 Mar 2025 19:54 |                                                                          | YPIAJ | Ok       |
| 43 | Q1568-01MS   | JC-03-03132025MS    | PP070541.D | 14 Mar 2025 20:10 |                                                                          | YPIAJ | Ok       |
| 44 | Q1568-01MSD  | JC-03-03132025MSD   | PP070542.D | 14 Mar 2025 20:26 |                                                                          | YPIAJ | Ok,M     |
| 45 | AR1660CCC500 | AR1660CCC500        | PP070543.D | 14 Mar 2025 21:15 |                                                                          | YPIAJ | Ok       |
| 46 | AR1242CCC500 | AR1242CCC500        | PP070544.D | 14 Mar 2025 21:31 |                                                                          | YPIAJ | Ok,M     |
| 47 | AR1248CCC500 | AR1248CCC500        | PP070545.D | 14 Mar 2025 21:48 |                                                                          | YPIAJ | Ok       |
| 48 | AR1254CCC500 | AR1254CCC500        | PP070546.D | 14 Mar 2025 22:04 |                                                                          | YPIAJ | Ok       |
| 49 | I.BLK        | I.BLK               | PP070547.D | 14 Mar 2025 22:20 |                                                                          | YPIAJ | Ok       |
| 50 | PB167143BL   | PB167143BL          | PP070548.D | 14 Mar 2025 22:36 |                                                                          | YPIAJ | Ok       |
| 51 | PB167143BS   | PB167143BS          | PP070549.D | 14 Mar 2025 22:52 |                                                                          | YPIAJ | Ok,M     |
| 52 | Q1569-01     | TAP-IDW-SOIL-031325 | PP070550.D | 14 Mar 2025 23:09 |                                                                          | YPIAJ | Ok       |
| 53 | Q1569-04     | TAP-IDW-SOIL-031325 | PP070551.D | 14 Mar 2025 23:25 |                                                                          | YPIAJ | Ok,M     |
| 54 | Q1572-01     | C0AC9               | PP070552.D | 14 Mar 2025 23:41 | DCB high in 2nd column ,<br>AR1260 AR1248 Hit , Need<br>dilution 10X,50X | YPIAJ | Dilution |
| 55 | Q1572-02     | C0O14               | PP070553.D | 14 Mar 2025 23:57 | AR1260 AR1248 Hit , Need<br>dilution 10X,50X                             | YPIAJ | Dilution |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031425**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 3/17/2025 8:24:56 AM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 3/19/2025 6:39:12 AM          |
| SubDirectory             | PP031425                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P<br>P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP<br>23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                         |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |              |            |                   |                                                                           |       |          |
|----|--------------|--------------|------------|-------------------|---------------------------------------------------------------------------|-------|----------|
| 56 | Q1572-03     | C0015        | PP070554.D | 15 Mar 2025 00:14 | AR1260 AR1248 Hit , Need<br>dilution 5X,25X                               | YPIAJ | Dilution |
| 57 | Q1572-04     | C0016        | PP070555.D | 15 Mar 2025 00:30 | DCB high in 2nd column ,<br>AR1260 AR1248 Hit , Need<br>dilution 5X,50X   | YPIAJ | Dilution |
| 58 | Q1572-05     | C0017        | PP070556.D | 15 Mar 2025 00:46 | DCB high in 2nd column ,<br>AR1260 AR1248 Hit , Need<br>dilution 10X,100X | YPIAJ | Dilution |
| 59 | Q1572-07     | C0019        | PP070557.D | 15 Mar 2025 01:02 | AR1260 AR1248 Hit , Need<br>dilution 10X                                  | YPIAJ | Dilution |
| 60 | AR1660CCC500 | AR1660CCC500 | PP070558.D | 15 Mar 2025 01:51 |                                                                           | YPIAJ | Ok       |
| 61 | AR1242CCC500 | AR1242CCC500 | PP070559.D | 15 Mar 2025 02:07 |                                                                           | YPIAJ | Ok       |
| 62 | AR1248CCC500 | AR1248CCC500 | PP070560.D | 15 Mar 2025 02:24 |                                                                           | YPIAJ | Ok       |
| 63 | AR1254CCC500 | AR1254CCC500 | PP070561.D | 15 Mar 2025 02:40 |                                                                           | YPIAJ | Ok       |
| 64 | I.BLK        | I.BLK        | PP070562.D | 15 Mar 2025 02:56 |                                                                           | YPIAJ | Ok       |
| 65 | Q1572-06     | C0018        | PP070563.D | 15 Mar 2025 03:12 | AR1260 AR1248 Hit , Need<br>dilution 5X,50X                               | YPIAJ | Dilution |
| 66 | Q1572-06MS   | C0018MS      | PP070564.D | 15 Mar 2025 03:29 | AR1016 and AR1260 Recovery<br>fail                                        | YPIAJ | Ok,M     |
| 67 | Q1572-06MSD  | C0018MSD     | PP070565.D | 15 Mar 2025 03:45 | AR1016 and AR1260 Recovery<br>fail                                        | YPIAJ | Ok,M     |
| 68 | Q1572-08     | C0020        | PP070566.D | 15 Mar 2025 04:01 | DCB high in 2nd column ,<br>AR1248 Hit ,Need dilution 10X                 | YPIAJ | Dilution |
| 69 | Q1572-09     | C0021        | PP070567.D | 15 Mar 2025 04:17 | AR1248 Hit , Need dilution 50X                                            | YPIAJ | Dilution |
| 70 | AR1660CCC500 | AR1660CCC500 | PP070568.D | 15 Mar 2025 05:06 |                                                                           | YPIAJ | Ok       |
| 71 | AR1242CCC500 | AR1242CCC500 | PP070569.D | 15 Mar 2025 05:22 |                                                                           | YPIAJ | Ok       |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031425**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 3/17/2025 8:24:56 AM          |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 3/19/2025 6:39:12 AM          |
| SubDirectory             | PP031425                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP031125 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                               |                   |                               |
| Tune/Reschk              | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P<br>P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP<br>23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| Initial Calibration Stds |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| CCC                      |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |              |            |                   |  |       |    |
|----|--------------|--------------|------------|-------------------|--|-------|----|
| 72 | AR1248CCC500 | AR1248CCC500 | PP070570.D | 15 Mar 2025 05:39 |  | YP\AJ | Ok |
| 73 | AR1254CCC500 | AR1254CCC500 | PP070571.D | 15 Mar 2025 05:55 |  | YP\AJ | Ok |
| 74 | I.BLK        | I.BLK        | PP070572.D | 15 Mar 2025 06:11 |  | YP\AJ | Ok |

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 3/17/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:20  
In Date: 03/14/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 105  
Time OUT: 08:35  
Out Date: 03/15/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLIDS-OVEN

QC:LB135036

| Lab ID   | Client SampleID        | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments |
|----------|------------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|----------|
| Q1569-01 | TAP-IDW-SOIL-031325-01 | 1      | 1.14           | 11.74        | 12.88                   | 10.13                     | 76.6    |          |
| Q1569-04 | TAP-IDW-SOIL-031325-02 | 2      | 1.16           | 10.92        | 12.08                   | 9.16                      | 73.3    |          |
| Q1572-01 | C0AC9                  | 3      | 1.12           | 10.23        | 11.35                   | 8.25                      | 69.7    |          |
| Q1572-02 | C0014                  | 4      | 1.15           | 10.41        | 11.56                   | 9.32                      | 78.5    |          |
| Q1572-03 | C0015                  | 5      | 1.18           | 10.05        | 11.23                   | 9.22                      | 80.0    |          |
| Q1572-04 | C0016                  | 6      | 1.15           | 9.00         | 10.15                   | 7.3                       | 68.3    |          |
| Q1572-05 | C0017                  | 7      | 1.14           | 10.49        | 11.63                   | 8.97                      | 74.6    |          |
| Q1572-06 | C0018                  | 8      | 1.15           | 9.91         | 11.06                   | 8.68                      | 76.0    |          |
| Q1572-07 | C0019                  | 9      | 1.16           | 10.15        | 11.31                   | 8.17                      | 69.1    |          |
| Q1572-08 | C0020                  | 10     | 1.13           | 10.26        | 11.39                   | 8.8                       | 74.8    |          |
| Q1572-09 | C0021                  | 11     | 1.15           | 10.40        | 11.55                   | 8.11                      | 66.9    |          |
| Q1572-10 | C0022                  | 12     | 1.15           | 10.39        | 11.54                   | 8.00                      | 65.9    |          |
| Q1572-11 | C0023                  | 13     | 1.14           | 10.46        | 11.6                    | 9.91                      | 83.8    |          |
| Q1572-12 | C0024                  | 14     | 1.13           | 10.28        | 11.41                   | 8.82                      | 74.8    |          |
| Q1572-13 | C0025                  | 15     | 1.12           | 10.22        | 11.34                   | 8.92                      | 76.3    |          |
| Q1572-14 | C0026                  | 16     | 1.19           | 10.23        | 11.42                   | 8.82                      | 74.6    |          |
| Q1572-15 | C0027                  | 17     | 1.12           | 10.48        | 11.6                    | 8.85                      | 73.8    |          |
| Q1572-16 | C0028                  | 18     | 1.15           | 10.11        | 11.26                   | 9.52                      | 82.8    |          |
| Q1573-01 | C0AC4                  | 19     | 1.19           | 10.51        | 11.7                    | 8.81                      | 72.5    |          |
| Q1573-02 | C0AC5                  | 20     | 1.16           | 11.03        | 12.19                   | 8.16                      | 63.5    |          |
| Q1573-03 | C0AC6                  | 21     | 1.14           | 10.38        | 11.52                   | 7.66                      | 62.8    |          |
| Q1573-04 | C0AC8                  | 22     | 1.16           | 10.28        | 11.44                   | 7.25                      | 59.2    |          |
| Q1573-05 | C0029                  | 23     | 1.18           | 10.60        | 11.78                   | 7.09                      | 55.8    |          |
| Q1573-06 | C0030                  | 24     | 1.13           | 10.13        | 11.26                   | 8.17                      | 69.5    |          |
| Q1573-07 | C0031                  | 25     | 1.19           | 10.24        | 11.43                   | 8.1                       | 67.5    |          |
| Q1573-08 | C0032                  | 26     | 1.15           | 10.08        | 11.23                   | 6.7                       | 55.1    |          |
| Q1573-09 | C0033                  | 27     | 1.13           | 10.27        | 11.4                    | 7.76                      | 64.6    |          |
| Q1573-10 | C0034                  | 28     | 1.14           | 10.42        | 11.56                   | 9.7                       | 82.1    |          |



# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 3/17/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:20  
In Date: 03/14/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 105  
Time OUT: 08:35  
Out Date: 03/15/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLIDS-OVEN

QC:LB135036

| Lab ID   | Client SampleID       | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments |
|----------|-----------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|----------|
| Q1573-11 | C0035                 | 29     | 1.19           | 11.25        | 12.44                   | 9.97                      | 78.0    |          |
| Q1574-01 | WC1                   | 30     | 1.11           | 10.31        | 11.42                   | 11.21                     | 98.0    |          |
| Q1578-01 | JEC817T-1-1           | 31     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pile     |
| Q1578-02 | JEC817T-1-2           | 32     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pile     |
| Q1579-01 | BC271189-1-1          | 33     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pile     |
| Q1579-02 | BC271189-1-2          | 34     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pile     |
| Q1579-03 | BC271038-1-1          | 35     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pile     |
| Q1579-04 | BC271038-1-2          | 36     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | pile     |
| Q1581-01 | TR-06-031425          | 37     | 1.14           | 10.08        | 11.22                   | 10.54                     | 93.3    |          |
| Q1581-02 | TR-06-031425-E2       | 38     | 1.18           | 10.18        | 11.36                   | 10.64                     | 92.9    |          |
| Q1584-05 | SVOC-GPC-BLANK        | 39     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q1584-06 | PEST-GPC-BLANK        | 40     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q1584-07 | PEST-GPC-BLANK-SPIKE  | 41     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q1584-08 | PCB-GPC-BLANK         | 42     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q1584-09 | PCB-GPC-BLANK-SPIKE   | 43     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q1584-10 | SVOC-GPC2-BLANK       | 44     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q1584-11 | PEST-GPC2-BLANK       | 45     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q1584-12 | PEST-GPC2-BLANK-SPIKE | 46     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q1584-13 | PCB-GPC2-BLANK        | 47     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q1584-14 | PCB-GPC2-BLANK-SPIKE  | 48     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q1585-01 | OK-02-03142025        | 49     | 1.14           | 10.43        | 11.57                   | 11.27                     | 97.1    |          |
| Q1585-02 | OK-02-03142025-E2     | 50     | 1.13           | 10.27        | 11.4                    | 10.89                     | 95.0    |          |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$



# WORKLIST(Hardcopy Internal Chain)

135036

WorkList Name : %1-031425      WorkList ID : 188269      Department : Wet-Chemistry      Date : 03-14-2025 08:28:30

| Sample   | Customer Sample        | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|------------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q1569-01 | TAP-IDW-SOIL-031325-01 | Solid  | Percent Solids | Cool 4 deg C | WEST04   | I33                         | 03/13/2025   | Chemtech -SO |
| Q1569-04 | TAP-IDW-SOIL-031325-02 | Solid  | Percent Solids | Cool 4 deg C | WEST04   | I33                         | 03/13/2025   | Chemtech -SO |
| Q1572-01 | C0AC9                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-02 | C0O14                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-03 | C0O15                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-04 | C0O16                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-05 | C0O17                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-06 | C0O18                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-07 | C0O19                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-08 | C0O20                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-09 | C0O21                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-10 | C0O22                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-11 | C0O23                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-12 | C0O24                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-13 | C0O25                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-14 | C0O26                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-15 | C0O27                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1572-16 | C0O28                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | Chemtech -SO |
| Q1573-01 | C0AC4                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/11/2025   | Chemtech -SO |
| Q1573-02 | C0AC5                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/11/2025   | Chemtech -SO |
| Q1573-03 | C0AC6                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/11/2025   | Chemtech -SO |

Date/Time 03/14/25 16:10  
 Raw Sample Received by: SP WPC  
 Raw Sample Relinquished by: JTCM  
 Date/Time 03/14/25 17:30  
 Raw Sample Received by: JTCM  
 Raw Sample Relinquished by: SP WPC

# WORKLIST(Hardcopy Internal Chain)

135036

WorkList Name : %1-031425      WorkList ID : 188269      Department : Wet-Chemistry      Date : 03-14-2025 08:28:30

| Sample   | Customer Sample      | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|----------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q1573-04 | C0AC8                | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/11/2025   | Chemtech -SO |
| Q1573-05 | C0O29                | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/11/2025   | Chemtech -SO |
| Q1573-06 | C0O30                | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/11/2025   | Chemtech -SO |
| Q1573-07 | C0O31                | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/11/2025   | Chemtech -SO |
| Q1573-08 | C0O32                | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/11/2025   | Chemtech -SO |
| Q1573-09 | C0O33                | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/11/2025   | Chemtech -SO |
| Q1573-10 | C0O34                | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/11/2025   | Chemtech -SO |
| Q1573-11 | C0O35                | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/11/2025   | Chemtech -SO |
| Q1574-01 | WC1                  | Solid  | Percent Solids | Cool 4 deg C | TETR16   | I31                         | 03/11/2025   | Chemtech -SO |
| Q1578-01 | JEC817T-1-1          | Solid  | Percent Solids | Cool 4 deg C | GENV01   | I41                         | 03/12/2025   | Chemtech -SO |
| Q1578-02 | JEC817T-1-2          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | I41                         | 03/14/2025   | Chemtech -SO |
| Q1579-01 | BC271189-1-1         | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | I41                         | 03/14/2025   | Chemtech -SO |
| Q1579-02 | BC271189-1-2         | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | I41                         | 03/14/2025   | Chemtech -SO |
| Q1579-03 | BC271038-1-1         | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | I41                         | 03/14/2025   | Chemtech -SO |
| Q1579-04 | BC271038-1-2         | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | I41                         | 03/14/2025   | Chemtech -SO |
| Q1581-01 | TR-06-031425         | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | I41                         | 03/14/2025   | Chemtech -SO |
| Q1581-02 | TR-06-031425-E2      | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | I41                         | 03/14/2025   | Chemtech -SO |
| Q1584-05 | SVOC-GPC-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/14/2025   | Chemtech -SO |
| Q1584-06 | PEST-GPC-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/14/2025   | Chemtech -SO |
| Q1584-07 | PEST-GPC-BLANK-SPIKE | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/14/2025   | Chemtech -SO |
| Q1584-08 | PCB-GPC-BLANK        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/14/2025   | Chemtech -SO |

Date/Time 03/14/25 16:10  
 Raw Sample Received by: SS WCC  
 Raw Sample Relinquished by: STCm  
 Date/Time 03/14/25 17:30  
 Raw Sample Received by: STCm  
 Raw Sample Relinquished by: SS WCC

# WORKLIST(Hardcopy Internal Chain)

WB 135036

WorkList Name : %1-031425      WorkList ID : 188269      Department : Wet-Chemistry      Date : 03-14-2025 08:28:30

| Sample   | Customer Sample       | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q1584-09 | PCB-GPC-BLANK-SPIKE   | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/14/2025   | Chemtech -SO |
| Q1584-10 | SVOC-GPC2-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/14/2025   | Chemtech -SO |
| Q1584-11 | PEST-GPC2-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/14/2025   | Chemtech -SO |
| Q1584-12 | PEST-GPC2-BLANK-SPIKE | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/14/2025   | Chemtech -SO |
| Q1584-13 | PCB-GPC2-BLANK        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/14/2025   | Chemtech -SO |
| Q1584-14 | PCB-GPC2-BLANK-SPIKE  | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/14/2025   | Chemtech -SO |
| Q1585-01 | OK-02-03142025        | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | I41                         | 03/14/2025   | Chemtech -SO |
| Q1585-02 | OK-02-03142025-E2     | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | I41                         | 03/14/2025   | Chemtech -SO |

Date/Time 03/14/25 16:10  
 Raw Sample Received by: JB muel  
 Raw Sample Relinquished by: IT (SM)

Date/Time 03/14/25 17:30  
 Raw Sample Received by: IT (SM)  
 Raw Sample Relinquished by: JB muel

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Welgh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 03/14/2025

Extraction Start Time : 12:25

Extraction End Date : 03/14/2025

Extraction End Time : 15:25

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel

☐ Continious Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 5000 PPB            | PP24209             |
| Surrogate     | 1.0ML    | 200 PPB             | PP24217             |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |

| Chemical Used      | ML/SAMPLE USED | Lot Number |
|--------------------|----------------|------------|
| Hexane/Acetone/1:1 | N/A            | EP2592     |
| Baked Na2SO4       | N/A            | EP2593     |
| Sand               | N/A            | E2865      |
| Hexane             | N/A            | E3877      |
| H2SO4 1:1          | N/A            | EP2565     |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 3/14/25     | RS (Ext-Lab)                            | T-Prest/PLB          |
| 15:30       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 03/14/2025

| Sample ID    | Client Sample ID       | Test       | g/mL  | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|--------------|------------------------|------------|-------|-----|----------------|------------|--------------------|-------|----------|-------------|
|              |                        |            |       |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB167143BL   | ABLK143                | PCB Group1 | 30.01 | N/A | ritesh         | Evelyn     | 10                 |       |          | U2-1        |
| PB167143BS   | ALCS143                | PCB Group1 | 30.03 | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q1569-01     | TAP-IDW-SOIL-031325-01 | PCB        | 30.07 | N/A | ritesh         | Evelyn     | 10                 | B     | Sludge   | 3           |
| Q1569-04     | TAP-IDW-SOIL-031325-02 | PCB        | 30.03 | N/A | ritesh         | Evelyn     | 10                 | B     | Sludge   | 4           |
| Q1572-01     | C0AC9                  | PCB Group1 | 30.06 | N/A | ritesh         | Evelyn     | 10                 |       |          | 5           |
| Q1572-02     | C0014                  | PCB Group1 | 30.02 | N/A | ritesh         | Evelyn     | 10                 |       |          | 6           |
| Q1572-03     | C0015                  | PCB Group1 | 30.10 | N/A | ritesh         | Evelyn     | 10                 |       |          | U3-1        |
| Q1572-04     | C0016                  | PCB Group1 | 30.08 | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q1572-05     | C0017                  | PCB Group1 | 30.05 | N/A | ritesh         | Evelyn     | 10                 |       |          | 3           |
| Q1572-06     | C0018                  | PCB Group1 | 30.03 | N/A | ritesh         | Evelyn     | 10                 |       |          | 4           |
| Q1572-06MS   | C0018MS                | PCB Group1 | 30.07 | N/A | ritesh         | Evelyn     | 10                 |       |          | 5           |
| Q1572-06MS D | C0018MSD               | PCB Group1 | 30.09 | N/A | ritesh         | Evelyn     | 10                 |       |          | 6           |
| Q1572-07     | C0019                  | PCB Group1 | 30.01 | N/A | ritesh         | Evelyn     | 10                 |       |          | U6-1        |
| Q1572-08     | C0020                  | PCB Group1 | 30.04 | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q1572-09     | C0021                  | PCB Group1 | 30.08 | N/A | ritesh         | Evelyn     | 10                 |       |          | 3           |
| Q1572-10     | C0022                  | PCB Group1 | 30.05 | N/A | ritesh         | Evelyn     | 10                 |       |          | 4           |
| Q1572-11     | C0023                  | PCB Group1 | 30.03 | N/A | ritesh         | Evelyn     | 10                 |       |          | 5           |
| Q1572-12     | C0024                  | PCB Group1 | 30.09 | N/A | ritesh         | Evelyn     | 10                 |       |          | 6           |
| Q1572-13     | C0025                  | PCB Group1 | 30.06 | N/A | ritesh         | Evelyn     | 10                 |       |          | U7-1        |
| Q1572-14     | C0026                  | PCB Group1 | 30.03 | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q1572-15     | C0027                  | PCB Group1 | 30.07 | N/A | ritesh         | Evelyn     | 10                 |       |          | 3           |
| Q1572-16     | C0028                  | PCB Group1 | 30.09 | N/A | ritesh         | Evelyn     | 10                 |       |          | 4           |
| Q1574-01     | WC1                    | PCB        | 30.05 | N/A | ritesh         | Evelyn     | 10                 | C     |          | 5           |

\* Extracts relinquished on the same date as received.

1917125

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1572      WorkList ID : 188289      Department : Extraction      Date : 03-14-2025 12:16:04

| Sample   | Customer Sample        | Matrix | Test       | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|------------------------|--------|------------|--------------|----------|-----------------------------|--------------|--------|
| Q1569-01 | TAP-IDW-SOIL-031325-01 | Solid  | PCB        | Cool 4 deg C | WEST04   | I33                         | 03/13/2025   | 8082A  |
| Q1569-04 | TAP-IDW-SOIL-031325-02 | Solid  | PCB        | Cool 4 deg C | WEST04   |                             | 03/13/2025   | 8082A  |
| Q1572-01 | C00AC9                 | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-02 | C0014                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-03 | C0015                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-04 | C0016                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-05 | C0017                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-06 | C0018                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-07 | C0019                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-08 | C0020                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-09 | C0021                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-10 | C0022                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-11 | C0023                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-12 | C0024                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-13 | C0025                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-14 | C0026                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-15 | C0027                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1572-16 | C0028                  | Solid  | PCB Group1 | Cool 4 deg C | TETR16   | I31                         | 03/12/2025   | 8082A  |
| Q1574-01 | WC1                    | Solid  | PCB        | Cool 4 deg C | GENV01   | I41                         | 03/12/2025   | 8082A  |

Date/Time      3/14/25      12:20  
Raw Sample Received by:      RJC (Ext Lab)  
Raw Sample Relinquished by:      OP sm

Date/Time      3/14/25      12:55  
Raw Sample Received by:      OP sm  
Raw Sample Relinquished by:      RJC (Ext Lab)

## Prep Standard - Chemical Standard Summary

**Order ID :** Q1569

**Test :** PCB

**Prepbatch ID :** PB167143,

**Sequence ID/Qc Batch ID:** pp031425,

**Standard ID :**

EP2565,EP2592,EP2593,PP23733,PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775,PP23776,PP23777,PP23778,PP23779,PP23780,PP23781,PP23782,PP23783,PP23784,PP23785,PP23786,PP23787,PP23788,PP23789,PP23790,PP23946,PP23947,PP24209,PP24217,

**Chemical ID :**

E2865,E3551,E3804,E3805,E3825,E3876,E3877,M5173,P10483,P10500,P11507,P11512,P11521,P11581,P11587,P11590,P11597,P12698,P12929,P12934,P12947,P12948,P12957,P13033,P13350,P13354,P13372,W3112,

## Extractions STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>    | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>           |
|------------------|----------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|--------------------------------|
| 314              | 1.1 H2SO4 SOLN | <a href="#">EP2565</a> | 11/20/2024       | 05/20/2025             | Rajesh Parikh      | None           | None             | RUPESHKUMAR SHAH<br>11/20/2024 |

**FROM** 1000.00000ml of M5173 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>            |
|------------------|-------------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|---------------------------------|
| 230              | 1:1ACETONE/HEXANE | <a href="#">EP2592</a> | 02/27/2025       | 08/12/2025             | RUPESHKUMAR SHAH   | None           | None             | Riteshkumar Patel<br>02/27/2025 |

**FROM** 4000.00000ml of E3876 + 4000.00000ml of E3877 = Final Quantity: 8000.000 ml





| <u>Recipe ID</u>                                                           | <u>NAME</u>          | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u>                      | <u>PipetteID</u> | <u>Supervised By</u>                |
|----------------------------------------------------------------------------|----------------------|------------------------|------------------|------------------------|--------------------|-------------------------------------|------------------|-------------------------------------|
| 3923                                                                       | Baked Sodium Sulfate | <a href="#">EP2593</a> | 03/07/2025       | 07/01/2025             | RUPESHKUMAR SHAH   | Extraction_SC<br>ALE_2<br>(EX-SC-2) | None             | Riteshkumar Patel<br><br>03/07/2025 |
| <b><u>FROM</u></b> 4000.00000gram of E3551 = Final Quantity: 4000.000 gram |                      |                        |                  |                        |                    |                                     |                  |                                     |

| <u>Recipe ID</u>                                                                        | <u>NAME</u>                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>       |
|-----------------------------------------------------------------------------------------|---------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------------|
| 84                                                                                      | Pest/PCB Surrogate Stock 20 PPM | <a href="#">PP23733</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel<br>10/03/2024 |
| <b><u>FROM</u></b> 1.00000ml of P13350 + 9.00000ml of E3805 = Final Quantity: 10.000 ml |                                 |                         |                  |                        |                    |                |                  |                            |

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 202              | AR1660 1000/100 ppb working solution 1st source | <a href="#">PP23735</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                                 |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P10483 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 203              | AR1660 750 PPB STD | <a href="#">PP23736</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23735 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 204              | AR1660 500 PPB STD | <a href="#">PP23737</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23735 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 205              | AR1660 250 PPB STD | <a href="#">PP23738</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23735 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 206              | AR1660 50 PPB STD | <a href="#">PP23739</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23737 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 213              | AR1221 1000 PPB WORKING SOLUTION | <a href="#">PP23740</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                  |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P11581 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1079             | AR1221 750 PPB STD | <a href="#">PP23741</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23740 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 222              | AR1221 500 PPB STD | <a href="#">PP23742</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23740 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1080             | AR1221 250 PPB STD | <a href="#">PP23743</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23740 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1081             | AR1221 50 PPB STD | <a href="#">PP23744</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23742 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 214              | AR1232 1000 PPB WORKING SOLUTION | <a href="#">PP23745</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                  |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P11587 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1063             | AR1232 750 PPB STD | <a href="#">PP23747</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23745 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 223              | AR1232 500 PPB STD | <a href="#">PP23748</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23745 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1064             | AR1232 250 PPB STD | <a href="#">PP23749</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23745 = Final Quantity: 1.000 ml



## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1065             | AR1232 50 PPB STD | <a href="#">PP23750</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23748 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 215              | AR1242 1000 PPB WORKING STD | <a href="#">PP23751</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                             |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P12929 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1067             | AR1242 750 PPB STD | <a href="#">PP23752</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23751 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 224              | AR1242 500 PPB STD | <a href="#">PP23753</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23751 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1068             | AR1242 250 PPB STD | <a href="#">PP23754</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23751 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1069             | AR1242 50 PPB STD | <a href="#">PP23755</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23753 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 216              | AR1248 1000 PPB WORKING STD | <a href="#">PP23756</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                             |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P12934 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1075             | AR1248 750 PPB STD | <a href="#">PP23757</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23756 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 225              | AR1248 500 PPB STD | <a href="#">PP23758</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23756 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1076             | AR1248 250 PPB STD | <a href="#">PP23759</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23756 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1077             | AR1248 50 PPB STD | <a href="#">PP23760</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23758 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 217              | AR1254 1000 PPB WORKING STD | <a href="#">PP23761</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                             |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P11590 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1071             | AR1254 750 PPB STD | <a href="#">PP23762</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23761 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 226              | AR1254 500 PPB STD | <a href="#">PP23763</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23761 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1072             | AR1254 250 PPB STD | <a href="#">PP23764</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23761 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1073             | AR1254 50 PPB STD | <a href="#">PP23765</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23763 = Final Quantity: 1.000 ml



## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1529             | AR1262 1000 PPB Working Solution | <a href="#">PP23766</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                  |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P10500 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3753             | AR1262 750 PPB STD | <a href="#">PP23767</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23766 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1530             | AR1262 500 PPB STD | <a href="#">PP23768</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23766 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3754             | AR1262 250 PPB STD | <a href="#">PP23769</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23766 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3755             | AR1262 50 PPB STD | <a href="#">PP23770</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23768 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1532             | AR1268 1000 PPB Working Solution | <a href="#">PP23771</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                  |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P11597 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3820             | AR1268 750 PPB STD | <a href="#">PP23772</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23771 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1533             | AR1268 500 PPB STD | <a href="#">PP23773</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23771 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3821             | AR1268 250 PPB STD | <a href="#">PP23774</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23771 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3822             | AR1268 50 PPB STD | <a href="#">PP23775</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23773 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 404              | AR1660 100 PPM Stock Solution<br>2nd Source | <a href="#">PP23776</a> | 10/03/2024       | 04/01/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                             |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 1.00000ml of P12947 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 405              | AR1660 1000/100 PPB ICV STD | <a href="#">PP23777</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                             |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 98.50000ml of E3805 + 0.50000ml of PP23733 + 1.00000ml of PP23776 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 406              | AR1660 500 PPB ICV | <a href="#">PP23778</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23777 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3789             | AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT) | <a href="#">PP23779</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                                 |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 1.00000ml of P13372 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3790             | AR1221 500 PPB ICV(AGILENT) | <a href="#">PP23780</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                             |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23779 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1887             | AR1232 1000 PPB Working Sol.<br>2nd Source | <a href="#">PP23781</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                            |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 1.00000ml of P12698 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml



## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>       |
|------------------|--------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------------|
| 1889             | AR1242 1000 PPB Working Sol.<br>2nd Source | <a href="#">PP23782</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel<br>10/03/2024 |

**FROM** 1.00000ml of P11507 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>       |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------------|
| 1888             | AR1232 500 PPB ICV | <a href="#">PP23783</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel<br>10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23781 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1891             | AR1242 500 PPB ICV | <a href="#">PP23784</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23782 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1890             | AR1248 1000 PPB Working Sol.<br>2nd Source | <a href="#">PP23785</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                            |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P11512 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1892             | AR1248 500 PPB ICV | <a href="#">PP23786</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23785 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1893             | AR1254 1000 PPB Working Sol.<br>2nd Source | <a href="#">PP23787</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                            |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 1.00000ml of P12957 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1894             | AR1254 500 PPB ICV | <a href="#">PP23788</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23787 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                    | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3757             | AR1262 1000 PPB Working Solution second source | <a href="#">PP23789</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                                |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P13033 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>            | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3758             | AR1262 500 PPB STD ICV | <a href="#">PP23790</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                        |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23789 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3817             | AR1268 1000 ppb Working Soln.<br>2nd source | <a href="#">PP23946</a> | 11/07/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                             |                         |                  |                        |                    |                |                  | 11/13/2024           |

**FROM** 1.00000ml of P11521 + 98.50000ml of E3825 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>            | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3823             | AR1268 500 PPB STD ICV | <a href="#">PP23947</a> | 11/07/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                        |                         |                  |                        |                    |                |                  | 11/13/2024           |

**FROM** 0.50000ml of E3825 + 0.50000ml of PP23946 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                            | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3857             | 5000 PPB PCB SPIKE SOLUTION 2ND SOURCE | <a href="#">PP24209</a> | 02/27/2025       | 08/27/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                        |                         |                  |                        |                    |                |                  | 03/06/2025           |

**FROM** 0.50000ml of P12948 + 99.50000ml of E3876 = Final Quantity: 100.000 ml



| <u>Recipe ID</u>                                                                            | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>       |
|---------------------------------------------------------------------------------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------------|
| 465                                                                                         | 200 PPB Pest/PCB Surrogate Spike | <a href="#">PP24217</a> | 03/05/2025       | 08/25/2025             | Abdul Mirza        | None           | None             | Yogesh Patel<br>03/06/2025 |
| <b><u>FROM</u></b> 1.00000ml of P13354 + 999.00000ml of E3876 = Final Quantity: 1000.000 ml |                                  |                         |                  |                        |                    |                |                  |                            |

## CHEMICAL RECEIPT LOG BOOK

| Supplier         | ItemCode / ItemName                      | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-3382-05 / Sand, Purified (cs/4x2.5kg) | 0000243821 | 06/30/2025      | 04/30/2020 / RAJESH     | 04/28/2020 / RAJESH         | E2865          |

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

| Supplier         | ItemCode / ItemName               | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-----------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | 9005-05 / Acetone Ultra (cs/4x4L) | 24E0761004 | 11/05/2025      | 10/01/2024 / Rajesh     | 09/25/2024 / Rajesh         | E3804          |

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

| Supplier         | ItemCode / ItemName                       | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 24G1962003 | 11/06/2025      | 11/06/2024 / Rajesh     | 11/01/2024 / Rajesh         | E3825          |

| Supplier         | ItemCode / ItemName                        | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|--------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H2762008 | 08/25/2025      | 02/25/2025 /            | 02/12/2025 / Rajesh         | E3876          |



## CHEMICAL RECEIPT LOG BOOK

| Supplier         | ItemCode / ItemName                       | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 243570 | 08/12/2025      | 02/12/2025 / Rajesh     | 02/12/2025 / Rajesh         | E3877          |

| Supplier         | ItemCode / ItemName                                     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|---------------------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L) | 0000281827 | 06/02/2025      | 06/01/2022 /            | 04/05/2022 / william        | M5173          |

| Supplier | ItemCode / ItemName                                              | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul | A0163157 | 04/03/2025      | 10/03/2024 / Ankita     | 03/19/2021 / Abdul          | P10483         |

| Supplier | ItemCode / ItemName                                       | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-----------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane | A0167722 | 04/03/2025      | 10/03/2024 / Ankita     | 03/19/2021 / Ankita         | P10500         |

| Supplier             | ItemCode / ItemName     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------------------|-------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Agilent Technologies | PP-312-1 / Aroclor 1242 | 0006665550 | 04/03/2025      | 10/03/2024 / Ankita     | 02/21/2022 / Ankita         | P11507         |

| Supplier             | ItemCode / ItemName     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------------------|-------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Agilent Technologies | PP-342-1 / Aroclor 1248 | 0006626997 | 04/03/2025      | 10/03/2024 / Ankita     | 02/21/2022 / Ankita         | P11512         |

## CHEMICAL RECEIPT LOG BOOK

| Supplier             | ItemCode / ItemName     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------------------|-------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Agilent Technologies | PP-382-1 / Aroclor 1268 | 0006587800 | 05/07/2025      | 11/07/2024 / Ankita     | 02/21/2022 / Ankita         | P11521         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul | A0175456 | 04/03/2025      | 10/03/2024 / Ankita     | 03/18/2022 / Abdul          | P11581         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul | A0173309 | 04/03/2025      | 10/03/2024 / Ankita     | 03/18/2022 / Abdul          | P11587         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul | A0175403 | 04/03/2025      | 10/03/2024 / Ankita     | 03/18/2022 / Abdul          | P11590         |

| Supplier | ItemCode / ItemName                                       | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-----------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane | A0181782 | 04/03/2025      | 10/03/2024 / Ankita     | 03/18/2022 / Abdul          | P11597         |

| Supplier                | ItemCode / ItemName            | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-------------------------|--------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc | 91867 / Aroclor 1232 100 ug/mL | 020823 | 04/03/2025      | 10/03/2024 / Ankita     | 08/07/2023 / Ankita         | P12698         |

## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul | a0203672 | 04/03/2025      | 10/03/2024 / Ankita     | 12/07/2023 / Ankita         | P12929         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul | a0202803 | 04/03/2025      | 10/03/2024 / Ankita     | 12/07/2023 / Ankita         | P12934         |

| Supplier                 | ItemCode / ItemName       | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|---------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | 20064 / Aroclor 1016/1260 | 022023 | 04/03/2025      | 10/03/2024 / Ankita     | 12/20/2023 / Yogesh         | P12947         |

| Supplier                 | ItemCode / ItemName       | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|---------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | 20064 / Aroclor 1016/1260 | 022023 | 08/27/2025      | 02/27/2025 / Ankita     | 12/20/2023 / Yogesh         | P12948         |

| Supplier                 | ItemCode / ItemName | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|---------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | / Arochlor 1254     | 121823 | 04/03/2025      | 10/03/2024 / Ankita     | 12/20/2023 / Yogesh         | P12957         |

| Supplier                 | ItemCode / ItemName  | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|----------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | 90165 / Aroclor 1262 | 112322 | 04/03/2025      | 10/03/2024 / Ankita     | 12/20/2023 / Yogesh         | P13033         |

## 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 | A0206810 | 04/03/2025      | 10/03/2024 / Ankita     | 04/22/2024 / Abdul          | P13350         |

| Supplier | ItemCode / ItemName                                                                | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0206810 | 09/05/2025      | 03/05/2025 / Abdul      | 04/22/2024 / Abdul          | P13354         |

| Supplier             | ItemCode / ItemName     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------------------|-------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Agilent Technologies | PP-292-1 / Aroclor 1221 | 0006783205 | 04/03/2025      | 10/03/2024 / Ankita     | 05/02/2024 / Ankita         | P13372         |

| Supplier         | ItemCode / ItemName | Lot #               | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|---------------------|---------------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | DIW / DI Water      | Daily Lab-Certified | 07/03/2029      | 07/03/2024 / Iwona      | 07/03/2024 / Iwona          | W3112          |

Sand  
Purified  
Washed and Ignited



Material No.: 3382-05  
Batch No.: 0000243821  
Manufactured Date: 2018/04/09  
Retest Date: 2025/04/07  
Revision No: 1

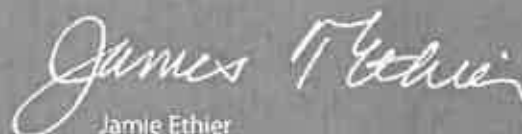
## Certificate of Analysis

| Test                      | Specification | Result |
|---------------------------|---------------|--------|
| Substances Soluble in HCl | $\leq 0.16\%$ | 0.01   |

For Laboratory, Research or Manufacturing Use  
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US  
Packaging Site: Paris Mfg Ctr & DC

E 2865

  
Jamie Ethier  
Vice President Global Quality

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

Avantor Performance Materials, LLC  
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700



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

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

## CERTIFICATE OF ANALYSIS

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

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

### COMMENTS

QC: PhC Irma Belmares

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

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

RC-02-01, Ed. 3

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 <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | ≥ 99.5 %      | 99.8 %      |
| Color (APHA)                                                            | ≤ 10          | < 5         |
| Residue after Evaporation                                               | ≤ 5 ppm       | < 1 ppm     |
| Titration Acid (μeq/g)                                                  | ≤ 0.3         | 0.1         |
| Titration Base (μeq/g)                                                  | ≤ 0.5         | 0.1         |
| Water (H <sub>2</sub> O)                                                | ≤ 0.5 %       | 0.1 %       |
| Solubility in H <sub>2</sub> O                                          | Passes Test   | Passes Test |
| Chloride (Cl)                                                           | ≤ 0.2 ppm     | < 0.2 ppm   |
| Phosphate (PO <sub>4</sub> )                                            | ≤ 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   |

Recd by RP on 9/25/24

E 3804

>>> Continued on page 2 >>>

Acetone  
CMOS

 **avantor™**



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™**



Material No.: 9005-05  
Batch No.: 24E0761004

| Test | Specification | Result |
|------|---------------|--------|
|------|---------------|--------|

For Microelectronic Use

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



Michelle Bales  
Sr. Manager, Quality Assurance

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

Avantor™



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

## Certificate of Analysis

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

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

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

Recd. by RP on 9/25/24

E 3805

Jamie Croak  
Director Quality Operations, Bioscience Production

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



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

## Certificate of Analysis

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

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

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

£ 3825

Jamie Croak  
Director Quality Operations, Bioscience Production

Acetone  
BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

 **avantors**™



Material No.: 9254-03

Batch No.: 24H2762008

Manufactured Date: 2024-04-18

Expiration Date: 2027-04-18

Revision No.: 0

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | >= 99.4 %     | 100.0 %     |
| Color (APHA)                                                            | <= 10         | 5           |
| Residue after Evaporation                                               | <= 1.0 ppm    | 0.0 ppm     |
| Substances Reducing Permanganate                                        | Passes Test   | Passes Test |
| Titration Acid (μeq/g)                                                  | <= 0.3        | 0.2         |
| Titration Base (μeq/g)                                                  | <= 0.6        | <0.1        |
| Water (H <sub>2</sub> O)                                                | <= 0.5 %      | <0.1 %      |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)    | <= 5          | 1           |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)    | <= 10         | 1           |

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

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

Recd. by RP on 2/12/25

E 3876



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

## Certificate of Analysis

1 Reagent Lane  
 Fair Lawn, NJ 07410  
 201.796.7100 tel  
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System  
 Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

|                   |                                                                                                                                                                                                   |                             |            |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------|
| Catalog Number    | H303                                                                                                                                                                                              | Quality Test / Release Date | 11/07/2024 |
| Lot Number        | 243570                                                                                                                                                                                            |                             |            |
| Description       | HEXANES - OPTIMA                                                                                                                                                                                  |                             |            |
| Country of Origin | United States                                                                                                                                                                                     | Suggested Retest Date       | Nov/2029   |
| Chemical Origin   | Organic - non animal                                                                                                                                                                              |                             |            |
| BSE/TSE Comment   | No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product. |                             |            |

| N/A                         |            |                                 |                         |
|-----------------------------|------------|---------------------------------|-------------------------|
| Result Name                 | Units      | Specifications                  | Test Value              |
| APPEARANCE                  |            | REPORT                          | Clear, colorless liquid |
| ASSAY (N-HEXANE)            | %          | >= 60                           | 69                      |
| ASSAY (SUM C6 HYDROCARBONS) | %          | >= 99.9                         | >99.9                   |
| COLOR                       | APHA       | <= 5                            | <5                      |
| DENSITY AT 25 DEGREES C     | GM/ML      | Inclusive Between 0.653 - 0.673 | 0.669                   |
| EVAPORATION RESIDUE         | ppm        | <= 1                            | <1                      |
| FLUORESCENCE BACKGROUND     | ppb        | <= 1                            | <1                      |
| IDENTIFICATION              | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| OPTICAL ABS AT 195 NM       | ABS. UNITS | <= 1                            | 0.74                    |
| OPTICAL ABS AT 210 NM       | ABS. UNITS | <= 0.25                         | 0.17                    |
| OPTICAL ABS AT 220 NM       | ABS. UNITS | <= 0.07                         | 0.05                    |
| OPTICAL ABS AT 254 NM       | ABS. UNITS | <= 0.005                        | 0.001                   |
| PESTICIDE RESIDUE ANALYSIS  | NG/L       | <= 10                           | <10                     |
| REFRACTIVE INDEX @ 25 DEG C |            | Inclusive Between 1.375 - 1.385 | 1.379                   |
| SUITABILITY FOR GC/MS       |            | = PASS TEST                     | PASS TEST               |
| SULFUR COMPOUNDS            | %          | <= 0.005                        | <0.005                  |
| THIOPHENE                   | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| WATER (H2O)                 | %          | <= 0.01                         | <0.01                   |
| WATER-SOLUBLE TITRABLE ACID | MEQ/G      | <= 0.0003                       | 0.0001                  |

Recd. by RP on 2/12/25

 E3877

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.

If there are any questions with this certificate, please call at (800) 227-6701.

\*Based on suggested storage condition.

Hydrochloric Acid, 36.5–38.0%  
BAKER INSTRA-ANALYZED® Reagent  
For Trace Metal Analysis



Material No.: 9530-33  
Batch No.: 0000281827  
Manufactured Date: 2021/03/30  
Retest Date: 2026/03/29  
Revision No: 1

## Certificate of Analysis

| Test                                      | Specification | Result  |
|-------------------------------------------|---------------|---------|
| ACS – Assay (as HCl) (by acid–base titrn) | 36.5 – 38.0 % | 37.6    |
| ACS – Color (APHA)                        | <= 10         | 5       |
| ACS – Residue after Ignition              | <= 3 ppm      | 1       |
| ACS – Specific Gravity at 60°/60°F        | 1.185 – 1.192 | 1.189   |
| ACS – Bromide (Br)                        | <= 0.005 %    | < 0.005 |
| ACS – Extractable Organic Substances      | <= 5 ppm      | < 1     |
| ACS – Free Chlorine (as Cl <sub>2</sub> ) | <= 0.5 ppm    | < 0.5   |
| Phosphate (PO <sub>4</sub> )              | <= 0.05 ppm   | < 0.03  |
| Sulfate (SO <sub>4</sub> )                | <= 0.5 ppm    | < 0.3   |
| Sulfite (SO <sub>3</sub> )                | <= 0.8 ppm    | 0.3     |
| Ammonium (NH <sub>4</sub> )               | <= 3 ppm      | < 1     |
| Trace Impurities – Arsenic (As)           | <= 0.010 ppm  | < 0.003 |
| Trace Impurities – Aluminum (Al)          | <= 10.0 ppb   | 0.5     |
| Arsenic and Antimony (as As)              | <= 5 ppb      | < 3     |
| Trace Impurities – Barium (Ba)            | <= 1.0 ppb    | < 0.2   |
| Trace Impurities – Beryllium (Be)         | <= 1.0 ppb    | < 0.2   |
| Trace Impurities – Bismuth (Bi)           | <= 10.0 ppb   | < 1.0   |
| Trace Impurities – Boron (B)              | <= 20.0 ppb   | < 5.0   |
| Trace Impurities – Cadmium (Cd)           | <= 1.0 ppb    | < 0.3   |
| Trace Impurities – Calcium (Ca)           | <= 50.0 ppb   | 15.0    |
| Trace Impurities – Chromium (Cr)          | <= 1.0 ppb    | < 0.4   |
| Trace Impurities – Cobalt (Co)            | <= 1.0 ppb    | < 0.3   |
| Trace Impurities – Copper (Cu)            | <= 1.0 ppb    | < 0.1   |
| Trace Impurities – Gallium (Ga)           | <= 1.0 ppb    | < 0.2   |

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700  
Avantor Performance Materials, LLC  
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

| Test                                                   | Specification | Result |
|--------------------------------------------------------|---------------|--------|
| Trace Impurities – Germanium (Ge)                      | <= 3.0 ppb    | < 2.0  |
| Trace Impurities – Gold (Au)                           | <= 4.0 ppb    | 3.0    |
| Heavy Metals (as Pb)                                   | <= 100 ppb    | < 50   |
| Trace Impurities – Iron (Fe)                           | <= 15.0 ppb   | 1.0    |
| Trace Impurities – Lead (Pb)                           | <= 1.0 ppb    | < 0.5  |
| Trace Impurities – Lithium (Li)                        | <= 1.0 ppb    | < 0.2  |
| Trace Impurities – Magnesium (Mg)                      | <= 10.0 ppb   | < 0.4  |
| Trace Impurities – Manganese (Mn)                      | <= 1.0 ppb    | < 0.4  |
| Trace Impurities – Mercury (Hg)                        | <= 0.5 ppb    | 0.2    |
| Trace Impurities – Molybdenum (Mo)                     | <= 10.0 ppb   | < 5.0  |
| Trace Impurities – Nickel (Ni)                         | <= 4.0 ppb    | < 0.3  |
| Trace Impurities – Niobium (Nb)                        | <= 1.0 ppb    | < 0.2  |
| Trace Impurities – Potassium (K)                       | <= 9.0 ppb    | < 2.0  |
| Trace Impurities – Selenium (Se), For Information Only | ppb           | 1.0    |
| Trace Impurities – Silicon (Si)                        | <= 100.0 ppb  | 18.0   |
| Trace Impurities – Silver (Ag)                         | <= 1.0 ppb    | < 0.3  |
| Trace Impurities – Sodium (Na)                         | <= 100.0 ppb  | < 5.0  |
| Trace Impurities – Strontium (Sr)                      | <= 1.0 ppb    | < 0.2  |
| Trace Impurities – Tantalum (Ta)                       | <= 1.0 ppb    | < 0.9  |
| Trace Impurities – Thallium (Tl)                       | <= 5.0 ppb    | < 2.0  |
| Trace Impurities – Tin (Sn)                            | <= 5.0 ppb    | < 0.8  |
| Trace Impurities – Titanium (Ti)                       | <= 1.0 ppb    | < 0.2  |
| Trace Impurities – Vanadium (V)                        | <= 1.0 ppb    | < 0.2  |
| Trace Impurities – Zinc (Zn)                           | <= 5.0 ppb    | 0.4    |
| Trace Impurities – Zirconium (Zr)                      | <= 1.0 ppb    | < 0.1  |

For Laboratory, Research or Manufacturing Use

Product Information (not specifications):

Appearance (clear, fuming liquid)

Meets ACS Specifications

Country of Origin: US

Packaging Site: Phillipsburg Mfg Ctr & DC

  
Jamie Ethier  
Vice President Global Quality



**CERTIFIED REFERENCE MATERIAL**

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

www.restek.com

# Certificate of Analysis



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

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

**Catalog No. :** 32039 **Lot No.:** A0163157

**Description :** Aroclor® 1016/1260 Mix  
Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** November 30, 2026 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound                                                  | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2)                                                       |
|---------------|-----------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------|
| 1             | Aroclor 1016<br>CAS # 12674-11-2 (Lot 04)<br>Purity ----% | 1,007.0 µg/mL               | +/- 5.8683 µg/mL Gravimetric<br>+/- 31.9082 µg/mL Unstressed<br>+/- 41.6868 µg/mL Stressed |
| 2             | Aroclor 1260<br>CAS # 11096-82-5 (Lot 07)<br>Purity ----% | 1,008.0 µg/mL               | +/- 5.8741 µg/mL Gravimetric<br>+/- 31.9399 µg/mL Unstressed<br>+/- 41.7282 µg/mL Stressed |

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

P 10476

P 10480

AR  
02/19/21



**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

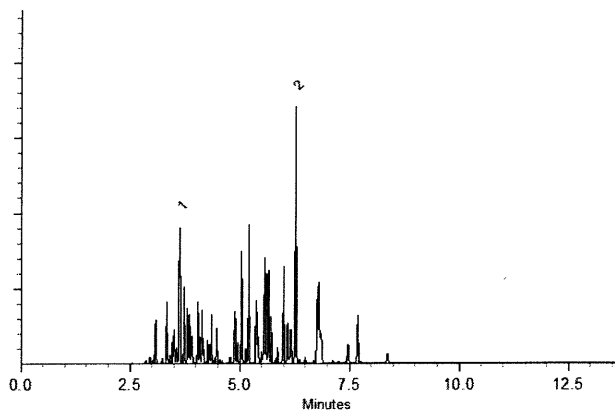
250°C

**Det. Temp:**

300°C

**Det. Type:**

ECD



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

Tom Suckar - Mix Technician

Date Mixed: 03-Aug-2020

Balance: B442140311

Justine Albertson - Operations Tech-ARM QC

Date Passed: 05-Aug-2020

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



CERTIFIED REFERENCE MATERIAL

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

www.restek.com

## Certificate of Analysis



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

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

Catalog No. : 32409 Lot No.: A0167722  
Description : Aroclor® 1262 Standard  
Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane  
Container Size : 2 mL Pkg Amt: > 1 mL  
Expiration Date : April 30, 2027 Storage: 25°C nominal  
Handling: This product contains PCBs. Ship: Ambient

### CERTIFIED VALUES

| Elution Order | Compound                        | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) |
|---------------|---------------------------------|-----------------------------|--------------------------------------|
| 1             | Aroclor 1262                    | 1,004.0 µg/mL               | +/- 5.9635 µg/mL Gravimetric         |
|               | CAS # 37324-23-5 (Lot 10849100) |                             | +/- 31.8340 µg/mL Unstressed         |
|               | Purity ----%                    |                             | +/- 41.5787 µg/mL Stressed           |

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

P10496  
↓  
P10500

AJ  
09/19/21

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

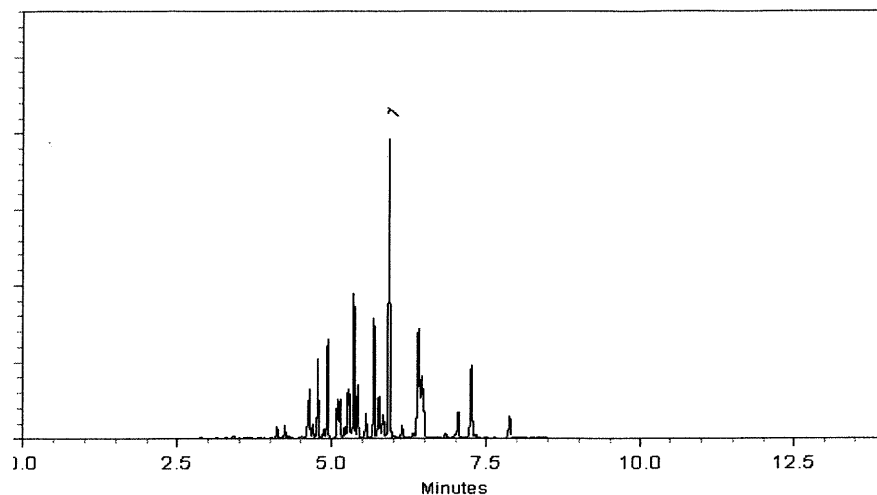
250°C

**Det. Temp:**

300°C

**Det. Type:**

ECD



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

*Sam Moodler*  
Sam Moodler - Operations Tech I

Date Mixed: 03-Jan-2021

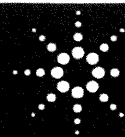
Balance: B707717271

*Marlene Cowan*  
Marlene Cowan - Operations Tech I

Date Passed: 05-Jan-2021

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

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 |                      |  | CAS#        | Analyte Lot |
|----------------|------------------|----------------------|--|-------------|-------------|
|                | Concentration    | Expanded Uncertainty |  |             |             |
| 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](http://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.

P11503  
↓  
P11507A7  
02/21/22

Page: 1 of 2

CSD-QA-015.1

ISO 17034



**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



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015  
Quality Management System. Cert# 951215321

Page: 2 of 2

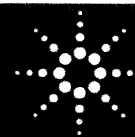
[www.agilent.com/quality/](http://www.agilent.com/quality/)

CSD-QA-015.1



ISO 17025  
Cert No. AT-

ISO 17034



Agilent

Trusted Answers

## Reference Material Certificate

Product Name: Aroclor 1248 Standard

Lot Number: 0006626997

Product Number: PP-342-1

Lot Issue Date: 17-Aug-2021

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 30-Sep-2025

| Component Name | CERTIFIED VALUES |                      | CAS#        | Analyte Lot |
|----------------|------------------|----------------------|-------------|-------------|
|                | Concentration    | Expanded Uncertainty |             |             |
| Aroclor 1248   | 100.3            | ± 0.5 µg/mL          | 012672-29-6 | NT01582     |

Matrix: isooctane (2,2,4-trimethylpentane)

## Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

## Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

## Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

## Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

## Safety:

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this analytical reference material.

## Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

## Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11508

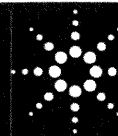
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P11512

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2/21/22

ISO 17034



**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



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015  
Quality Management System. Cert# 951215321

Page: 2 of 2

[www.agilent.com/quality/](http://www.agilent.com/quality/)

CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937



# Certificate of Analysis

P11518  
↓  
P11522  
AJ  
02/21/22

**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](http://www.agilent.com) for information regarding this RM.

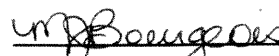
**Expiration of Certification:**

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:**

  
Monica Bourgeois  
QMS Representative



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/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937





CERTIFIED REFERENCE MATERIAL

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

www.restek.com

## Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32007 Lot No.: A0175456  
Description : Aroclor® 1221 Standard  
Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul  
Container Size : 2 mL Pkg Amt: > 1 mL  
Expiration Date : November 30, 2027 Storage: 25°C nominal  
Handling: This product contains PCBs. Ship: Ambient

### CERTIFIED VALUES

| Elution Order | Compound                        | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) |
|---------------|---------------------------------|-----------------------------|--------------------------------------|
| 1             | Aroclor 1221                    | 1,002.0 µg/mL               | +/- 5.9516 µg/mL Gravimetric         |
|               | CAS # 11104-28-2 (Lot 10210500) |                             | +/- 31.7706 µg/mL Unstressed         |
|               | Purity ----%                    |                             | +/- 41.4958 µg/mL Stressed           |

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

P 11578  
↓  
P 11582 / (S)

AR  
04/30/22

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

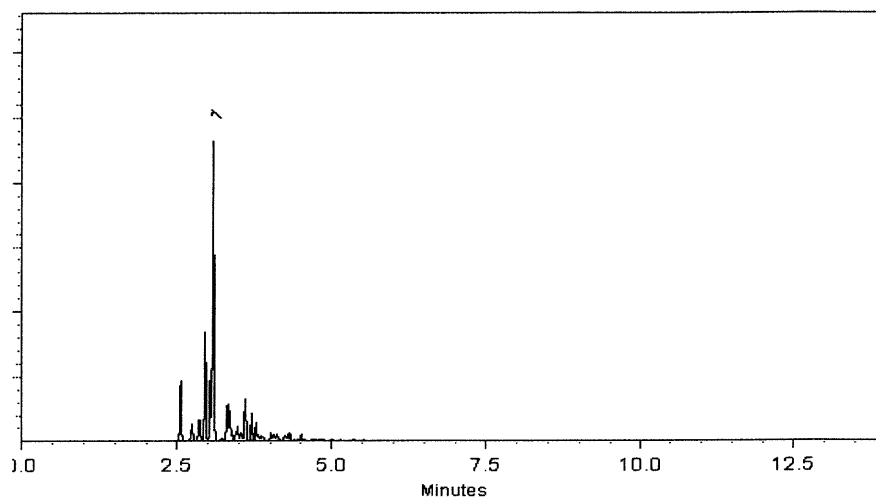
**Carrier Gas:**  
helium-constant pressure 20 psi.

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

**Inj. Temp:**  
250°C

**Det. Temp:**  
300°C

**Det. Type:**  
ECD



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

*Sam Moodler*  
Sam Moodler - Operations Tech I

**Date Mixed:** 16-Aug-2021      **Balance:** B442140311

*Marlene Cowan*  
Marlene Cowan - Operations Tech I

**Date Passed:** 18-Aug-2021

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

P11578  
↓  
P11582 / (S)

AR  
04/30/22



CERTIFIED REFERENCE MATERIAL

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

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# Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32008 Lot No.: A0173309  
Description : Aroclor® 1232 Standard  
Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul  
Container Size : 2 mL Pkg Amt: > 1 mL  
Expiration Date : September 30, 2027 Storage: 25°C nominal  
Handling: This product contains PCBs. Ship: Ambient

## CERTIFIED VALUES

| Elution Order | Compound                        | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) |
|---------------|---------------------------------|-----------------------------|--------------------------------------|
| 1             | Aroclor 1232                    | 1,001.0 µg/mL               | +/- 5.9456 µg/mL Gravimetric         |
|               | CAS # 11141-16-5 (Lot 15665-01) |                             | +/- 31.7389 µg/mL Unstressed         |
|               | Purity ----%                    |                             | +/- 41.4544 µg/mL Stressed           |

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

P11583  
↓  
P11587 / (S)

AR  
04/30/22

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

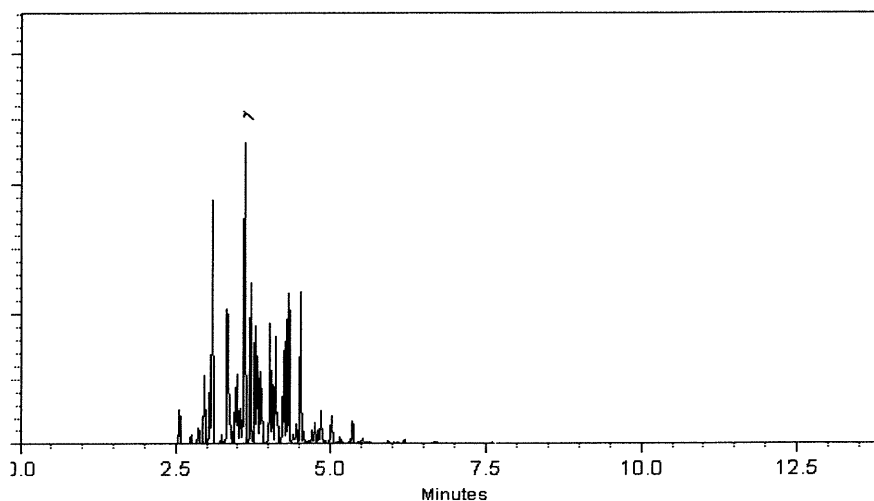
**Carrier Gas:**  
helium-constant pressure 20 psi.

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

**Inj. Temp:**  
250°C

**Det. Temp:**  
300°C

**Det. Type:**  
ECD



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

*Sam Moodler*  
Sam Moodler - Operations Tech I

**Date Mixed:** 13-Jun-2021

**Balance:** B442140311

*Alexis Shelow*  
Alexis Shelow - Operations Tech I

**Date Passed:** 16-Jun-2021

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

P11583  
↓  
P11587 / (5)

AR  
04/30/22



CERTIFIED REFERENCE MATERIAL

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

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# Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 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<br>CAS # 11097-69-1 (Lot 124-191-B)<br>Purity ----% | 1,000.7 µg/mL               | +/- 5.9437 µg/mL Gravimetric<br>+/- 31.7284 µg/mL Unstressed<br>+/- 41.4406 µg/mL Stressed |

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

P11588  
↓  
P11592 / (S)

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:**

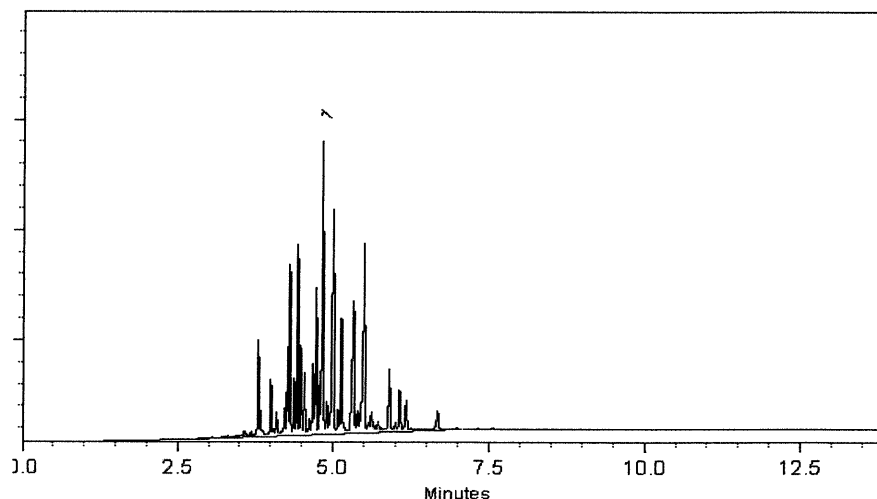
250°C

**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*

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021

Balance: 1128360905

*Alexis Shelow*

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

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

P11588  
↓  
P11592 / (5)

AR  
04/30/22



# CERTIFIED REFERENCE MATERIAL

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## Certificate of Analysis



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

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

**Catalog No. :** 32410 **Lot No.:** A0181782  
**Description :** Aroclor® 1268 Standard  
Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane  
**Container Size :** 2 mL **Pkg Amt:** > 1 mL  
**Expiration Date :** May 31, 2028 **Storage:** 25°C nominal  
**Handling:** This product contains PCBs. **Ship:** Ambient

### CERTIFIED VALUES

| Elution Order | Compound                                         | Grav. Conc. (weight/volume)     | Expanded Uncertainty (95% C.L.; K=2)                                                       |
|---------------|--------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------|
| 1             | Aroclor 1268<br>CAS # 11100-14-4<br>Purity ----% | 1,001.4 µg/mL<br>(Lot 10947000) | +/- 5.9480 µg/mL Gravimetric<br>+/- 31.7516 µg/mL Unstressed<br>+/- 41.4710 µg/mL Stressed |

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

P 11593  
↓  
P 11597  
⑤

UAR  
04/30/2022

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

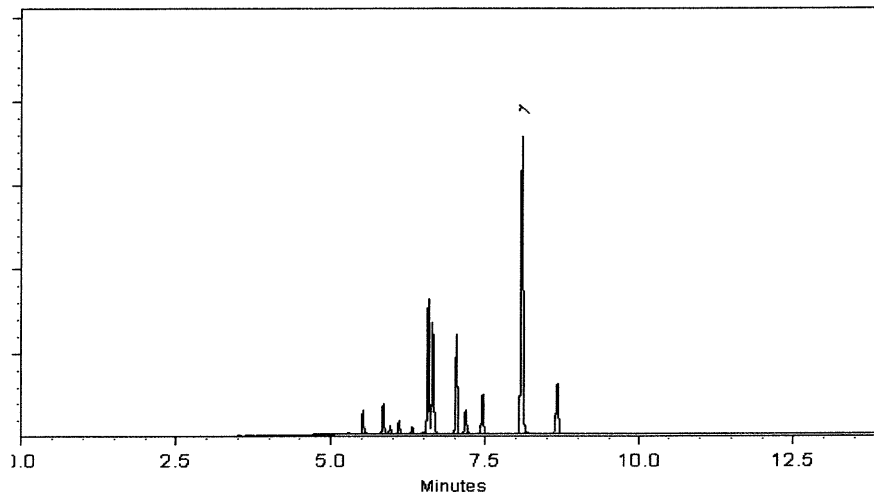
250°C

**Det. Temp:**

300°C

**Det. Type:**

ECD



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

*Penelope S. Riglin*  
Penelope Riglin - Operations Tech I

Date Mixed: 14-Feb-2022

Balance: 1128360905

*Clara Windle*  
Clara Windle - Operations Technician I

Date Passed: 17-Feb-2022

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

P 11593 / (5)  
↓  
P 11597  
[Signature]  
04/30/2022





## 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 ( $\mu\text{g/mL}$ ): **100**  
 NIST Test ID#: **6UTB**

Solvent(  
Aceton

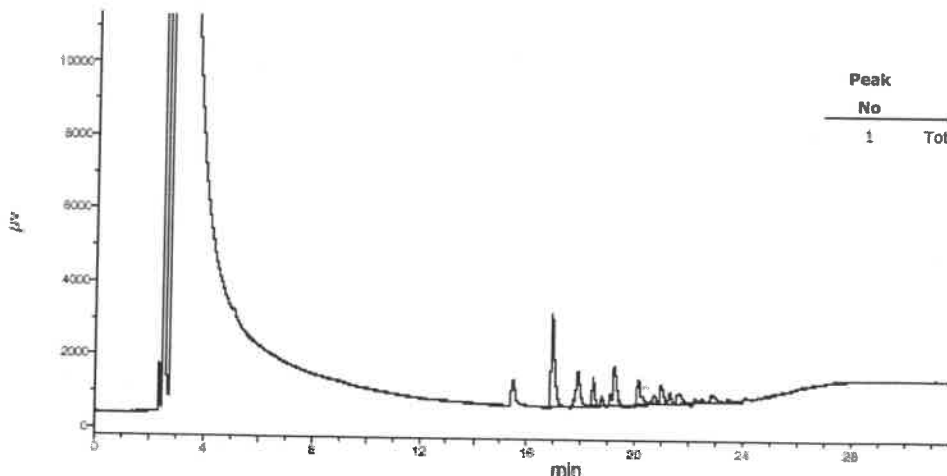
Weight(s) shown below were combined and diluted to (mL): **100.0**  
 5E-05 Balance Uncertainty  
 0.057 Flask Uncertainty

| Compound        | RM# | Lot Number | Nominal Conc ( $\mu\text{g/mL}$ ) | Purity (%) | Uncertainty Purity | Target Weight (g) |
|-----------------|-----|------------|-----------------------------------|------------|--------------------|-------------------|
| 1. Aroclor 1232 | 17  | 45-6A      | 100                               | 100        | 0.5                | 0.01000           |

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

## Comments

GC3-M1 Analysis by Melissa Stonier  
 Column ID SPB-608 30 meter X 0.53mm X 5 $\mu\text{m}$  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 = 1.5 $\mu\text{L}$ , Range=3





110 Benner Circle  
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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32009 Lot No.: A0203672  
Description : Aroclor® 1242 Standard  
Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul  
Container Size : 2 mL Pkg Amt: > 1 mL  
Expiration Date : January 31, 2030 Storage: 25°C nominal  
Handling: This product contains PCBs. Ship: Ambient

p12928  
↓  
p12932  
AJ  
12/07/23

## CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|-------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1242 | 53469-21-9 | 01141 | —%     | 1,004.7 µg/mL               | +/- 55.7515                            |

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

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

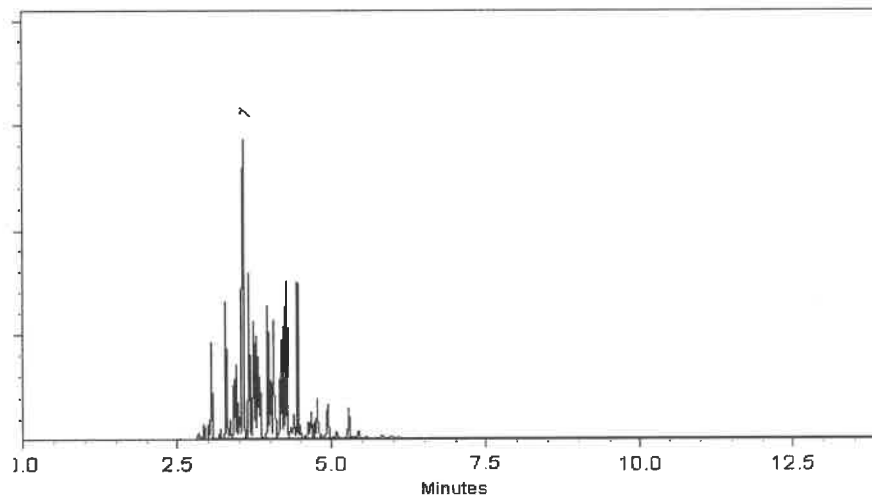
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

0.2µl



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

Russ Bookhamer - Operations Technician I

**Date Mixed:** 26-Oct-2023

**Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 06-Nov-2023

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



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

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*



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

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

**Catalog No. :** 32010 **Lot No.:** A0202803

**Description :** Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** January 31, 2030 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

P12993  
↓  
P12997  
AJ  
12/07/23

### CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1248 | 12672-29-6 | 13897600 | —%     | 1,001.7 µg/mL               | +/- 55.5850                            |

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

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

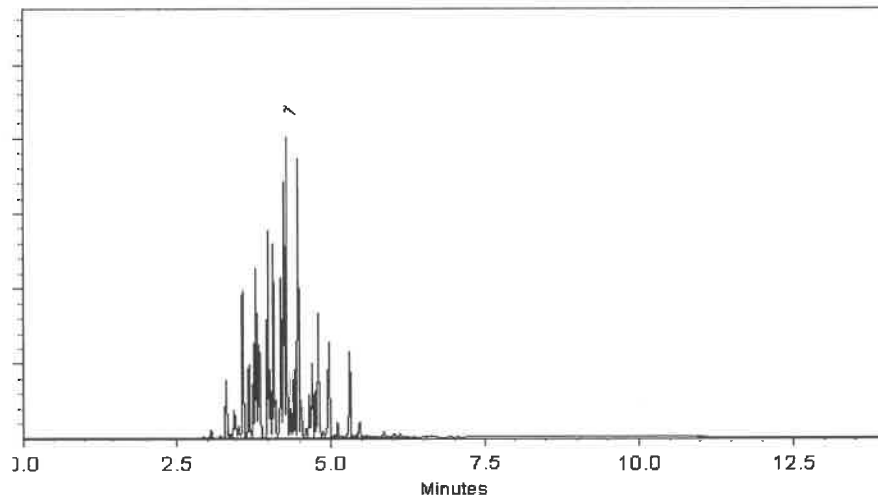
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

0.2µl



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

  
Laith Clemente - Operations Technician I

Date Mixed: 03-Oct-2023

Balance Serial # 1128360905

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 09-Oct-2023

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



**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

|                       |                 |             |
|-----------------------|-----------------|-------------|
|                       |                 | 022023      |
| <b>Formulated By:</b> | Benson Chan     | <b>DATE</b> |
|                       |                 | 022023      |
| <b>Reviewed By:</b>   | Pedro L. Rentas | <b>DATE</b> |

P12946  
↓  
P12955  
YAP.  
12/20/23

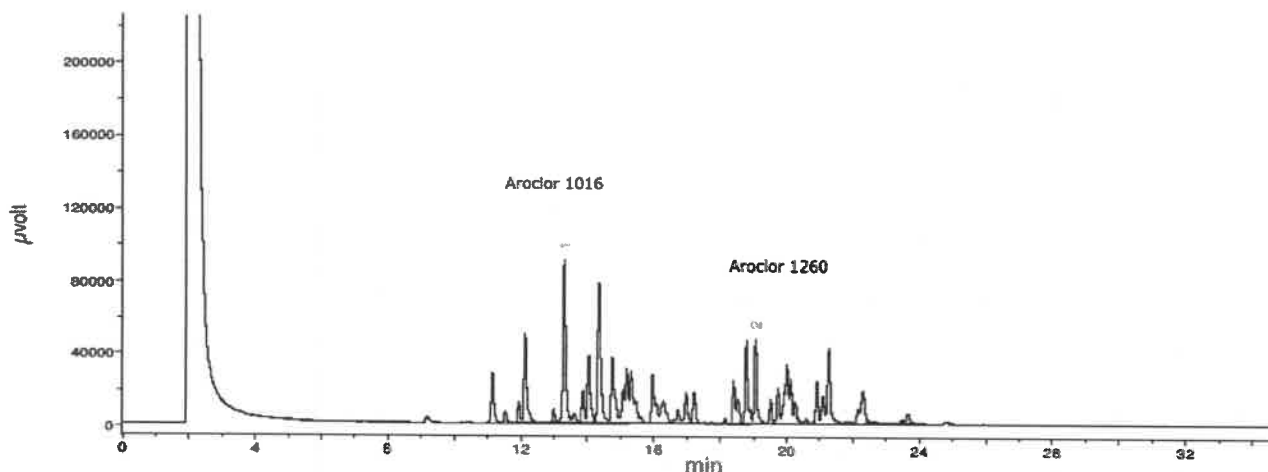
Weight(s) shown below were combined and diluted to (mL): 200.0  
5E-05 Balance Uncertainty  
0.010 Flask Uncertainty

| 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<br>(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       | ori-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 certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

**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





**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

|                       |                 |             |
|-----------------------|-----------------|-------------|
|                       |                 | 022023      |
| <b>Formulated By:</b> | Benson Chan     | <b>DATE</b> |
|                       |                 | 022023      |
| <b>Reviewed By:</b>   | Pedro L. Rentas | <b>DATE</b> |

P12946  
↓  
P12955  
YAP.  
12/20/23

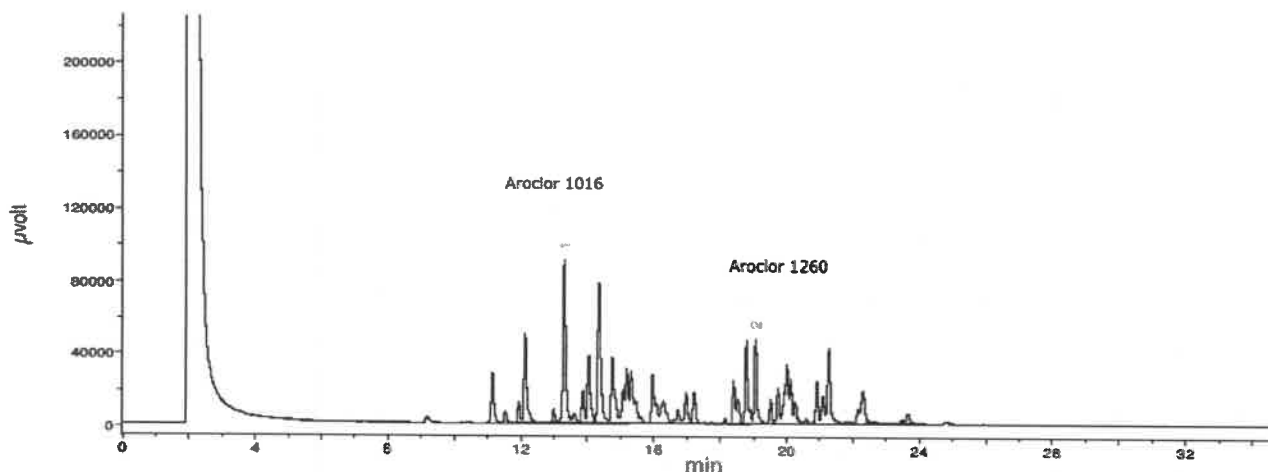
Weight(s) shown below were combined and diluted to (mL): 200.0  
5E-05 Balance Uncertainty  
0.010 Flask Uncertainty

| 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<br>(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       | ori-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 certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

**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





CERTIFIED WEIGHT REPORT

Part Number: **99139**  
Lot Number: **121823**  
Description: **Aroclor 1254**

Solvent(s):  
Iso-octane  
Lot#  
82227

|                        |                 |        |
|------------------------|-----------------|--------|
| <i>Anthony Mahoney</i> |                 | 121823 |
| Formulated By:         | Anthony Mahoney | DATE   |
| <i>Pedro L. Rentas</i> |                 | 121823 |
| Reviewed By:           | Pedro L. Rentas | DATE   |

P12956 } Y.P.  
12/20/23  
P12957 }

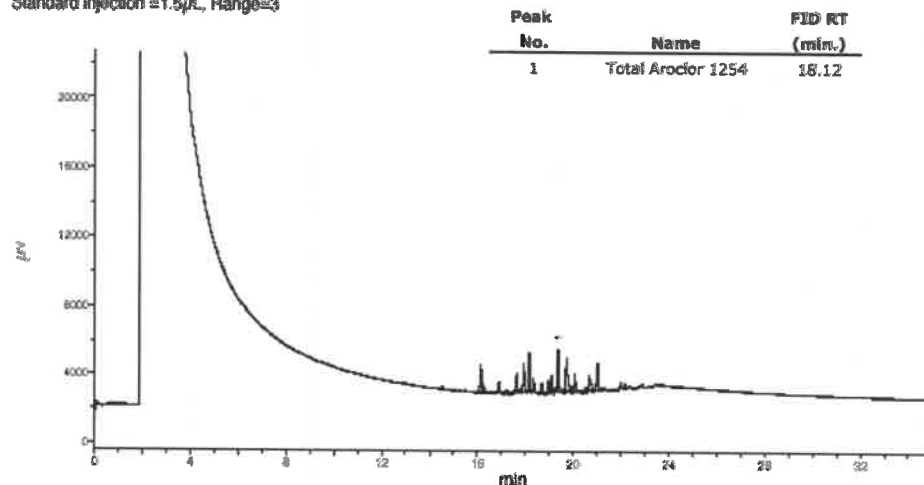
Expiration Date: 121833  
Recommended Storage: Ambient (20 °C)  
Nominal Concentration (µg/mL): 100  
NIST Test ID#: 6UTB  
Volume(s) shown below were combined and diluted to (mL): 20.0  
Note: Aroclor 1254 is a mix of isomers.

| 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<br>(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 certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments

GC3-M1 Analysis by Melissa Stonier  
Column ID SPB-606 30 meter X 0.53mm X 5µm 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







## CERTIFIED WEIGHT REPORT

Part Number: **90165**  
 Lot Number: **112322**  
 Description: **Aroclor 1262**

Solvent(s):  
 Hexane

Lot#  
 273615

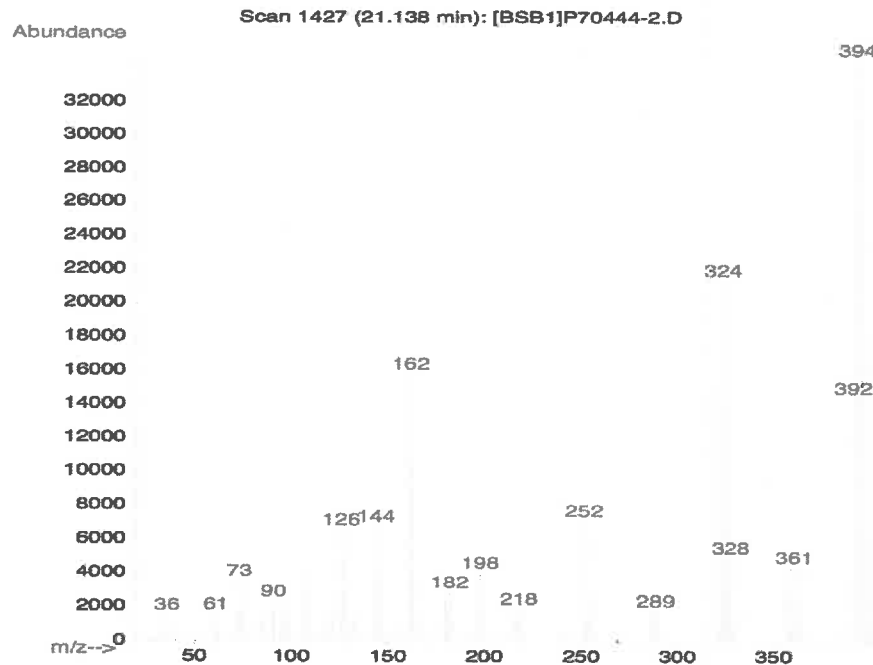
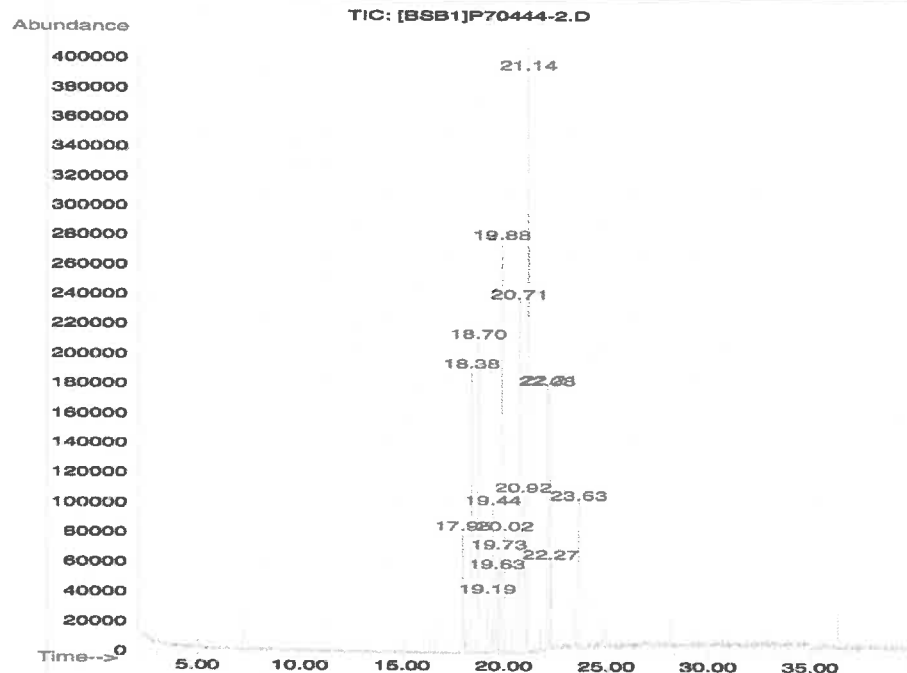
|                |                  |        |
|----------------|------------------|--------|
|                |                  | 112322 |
| Formulated By: | Prashant Chauhan | DATE   |
|                |                  | 112322 |
| Reviewed By:   | Pedro L. Rentas  | DATE   |

Expiration Date: 112332  
 Recommended Storage: Ambient (20 °C)  
 Nominal Concentration (µg/mL): 1000  
 NIST Test ID#: 6UTB  
 Weight(s) shown below were combined and diluted to (mL): 50.0

5E-05 Balance Uncertainty  
 0.005 Flask Uncertainty

| 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<br>(Solvent Safety Info. On Attached pg.) |                |                    |
|-----------------|-----|------------|----------------------|------------|--------------------|-------------------|-------------------|---------------------|------------------------------------|-----------------------------------------------------------|----------------|--------------------|
|                 |     |            |                      |            |                    |                   |                   |                     |                                    | CAS#                                                      | OSHA PEL (TWA) | LD50               |
| 1. Aroclor 1262 | 444 | W-130-05   | 1000                 | 100        | 0.2                | 0.05003           | 0.05016           | 1002.7              | 4.5                                | 37324-23-5                                                | N/A            | orl-rat 11300mg/kg |

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (0min.), Temp 2 = 290°C (12.5 min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.



P13032 } Y.P.  
 2 } 12/21/23  
 P13033 }

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

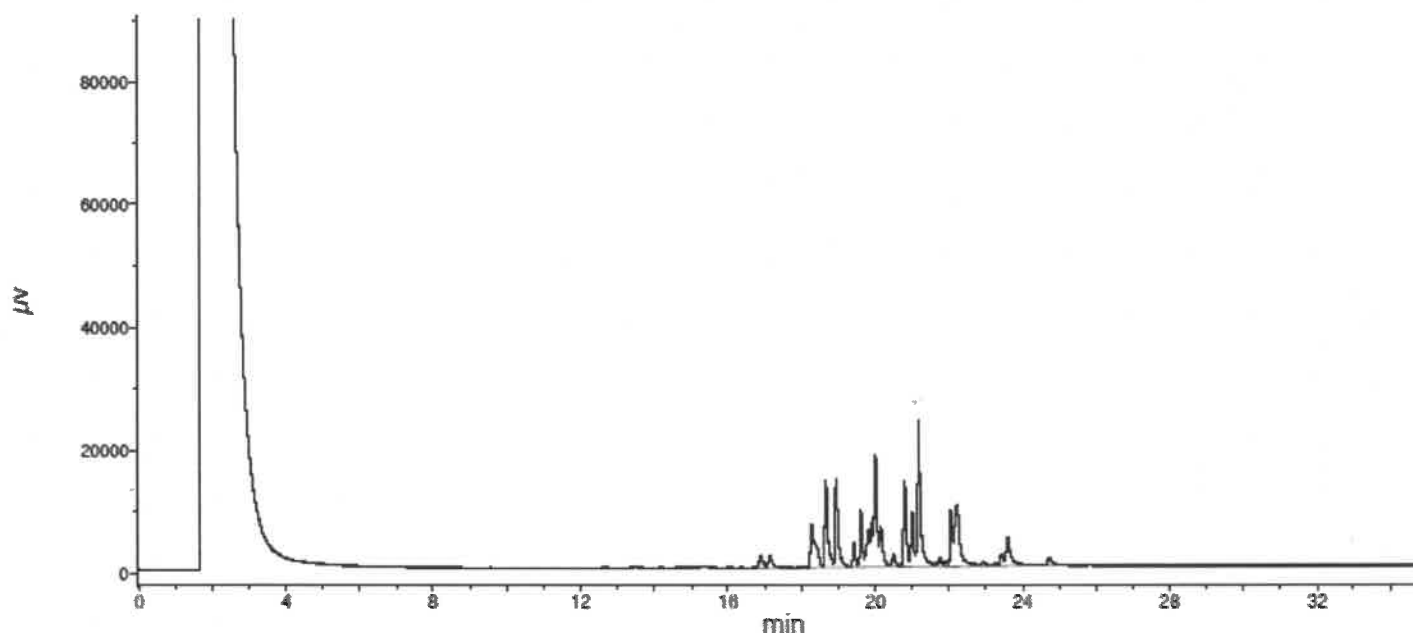


## Run 20, "P90165 L112322 [1000µg/mL in hexane]"

Run Length: 35.00 min, 21000 points at 10 points/second.  
Created: Thu, Dec 8, 2022 at 2:31:02 AM.  
Sampled: Sequence "120722-GC3M1", Method "GC3-M1".  
Analyzed using Method "GC3-M1".

### Comments

GC3-M1 Analysis by Melissa Stonier  
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness  
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min  
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





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

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*



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

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

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

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

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

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

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

P13348  
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P13357  
10  
DAUF  
04/25/2024

### CERTIFIED VALUES

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

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

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

### Tech Tips:

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

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

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

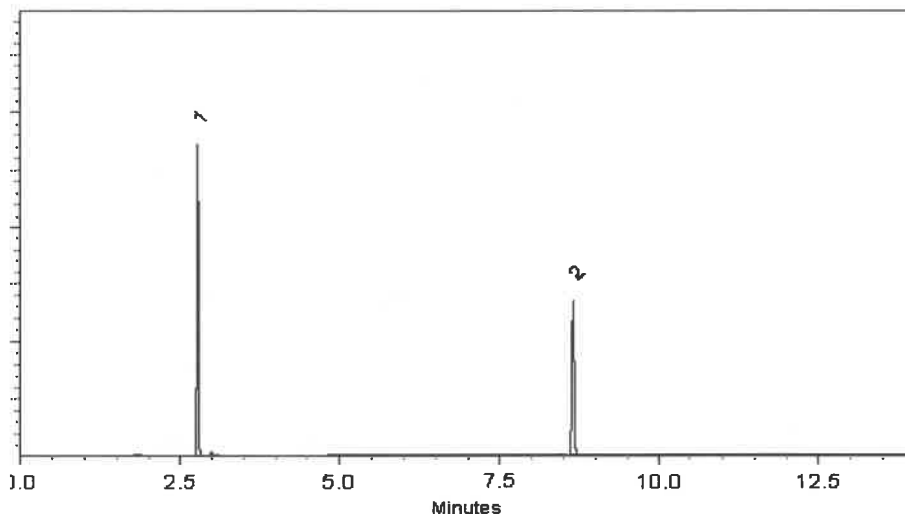
ECD

**Split Vent:**

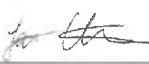
10 ml/min.

**Inj. Vol**

1µl

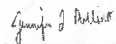


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

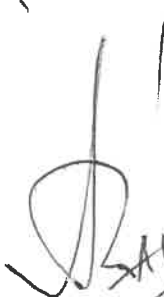
Balance Serial # 1128360905

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

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

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P 13357  
10

  
SAUF  
04/25/2025



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

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



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

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

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

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

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

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

P13348  
↓  
P13357  
10  
DAUF  
04/25/2024

### CERTIFIED VALUES

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

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

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

### Tech Tips:

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

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

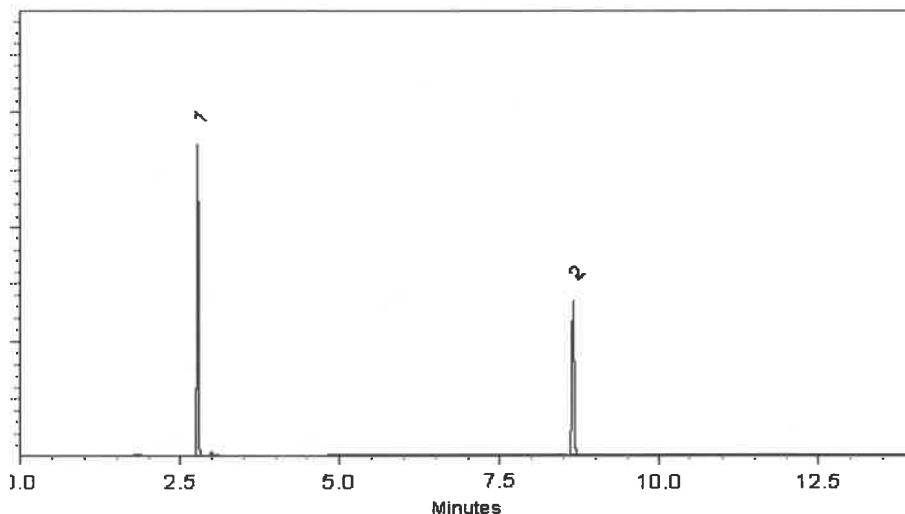
ECD

**Split Vent:**

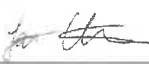
10 ml/min.

**Inj. Vol**

1µl

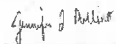


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

Balance Serial # 1128360905

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

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

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P 13357  
SAUF  
04/25/2025

**Reference Material Certificate**  
**Product Information Sheet**

**Product Name:** Aroclor 1221 Standard  
**Product Number:** PP-292-1  
**Storage Conditions:** Store at Room Temperature (15° to 30°C).

**Lot Number:** 0006783205  
**Lot Issue Date:** 20-Feb-2024  
**Expiration Date:** 31-Mar-2032

| Component Name | Concentration | Uncertainty | CAS#        | Analyte Lot |
|----------------|---------------|-------------|-------------|-------------|
| Aroclor 1221   | 100.3 ±       | 0.5 µg/mL   | 011104-28-2 | NT01017     |

**Matrix:** isooctane (2,2,4-trimethylpentane)

**Description:**

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCCL 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](http://www.agilent.com) for information regarding this analytical reference material.

**Intended Use:**

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P133F2  
↓  
P133F3

AJ  
05/06/24

Page: 1 of 2

CSD-QA-015.2

ISO 17025  
Cert No. AT-1937



**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois  
QMS Representative



ISO 17034  
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO  
9001:2015 Quality Management System. Cert# 951215321

Page: 2 of 2

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.2

ISO 17025  
Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 [www.agilent.com/quality](http://www.agilent.com/quality)





# SHIPPING DOCUMENTS

Q1569  
WESTON SOLUTIONS

|                      |
|----------------------|
| Weston COC ID        |
| Weston_20250313_1208 |

## Chain of Custody Record/Lab Work Request

|      |   |    |   |
|------|---|----|---|
| Page | 1 | of | 1 |
|------|---|----|---|

|                  |                                   |          |              |
|------------------|-----------------------------------|----------|--------------|
| Client:          | Weston Solutions, Inc.            |          |              |
| Project Manager: | David Sembrot                     |          |              |
| Street Address:  | 1400 Weston Way                   | City:    | West Chester |
| Phone:           | 610-314-5456                      | ST, ZIP: | PA, 19038    |
| e-mail:          | david.sembrot@westonsolutions.com |          |              |
| Sampled By:      | Cheyenne Harrington               |          |              |

|               |                                             |              |                                  |
|---------------|---------------------------------------------|--------------|----------------------------------|
| Project Name: | Fort Meade RI                               | Project POC: | Nathan Fretz                     |
| PO Number     | 0111189                                     | Phone:       | 484-524-5665                     |
| W.O. #:       |                                             | POC e-mail:  | nathan.fretz@westonsolutions.com |
| Lab:          | CHEMTECH                                    | Lab POC:     | Jordan Hedvat                    |
| TAT (days):   | 21                                          | Lab Phone:   | 908-728-3144                     |
| Lab Address:  | 284 Sheffield Street Mountainside, NJ 07092 |              |                                  |

|                      |
|----------------------|
| Matrix Codes         |
| SS - Soil            |
| SE - Sediment        |
| SO - Solid           |
| SL - Sludge          |
| GW - Groundwater     |
| W - Water            |
| SB - Soil Boring     |
| A - Air              |
| DS - Drum Solids     |
| DL - Drum Liquids    |
| L - EP/TCLP Leachate |
| WI - Wipe            |
| X - Other            |
| F - Fish             |

|                                                     |   |   |
|-----------------------------------------------------|---|---|
| Lab Use Only                                        |   |   |
| Temperature of cooler when received (°C)            |   |   |
| COC Tape was present and unbroken on outer package? | Y | N |
| Samples received in good condition?                 | Y | N |
| Labels indicate properly preserved?                 | Y | N |
| Received within holding times?                      | Y | N |
| Discrepancies between sample labels and COC record? | Y | N |

|                     |                               |                                |                                |                              |                              |                            |                           |                   |                 |                          |            |  |
|---------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|----------------------------|---------------------------|-------------------|-----------------|--------------------------|------------|--|
| Analyses Requested: | TCLP VOCs by EPA 8260D (1311) | TCLP SVOCs by EPA 8270E (1311) | TCLP Metals by EPA 8010D/7470A | TCLP Pesticides by EPA 8081B | TCLP Herbicides by EPA 8151A | Total Cyanide by EPA 9012E | Total Sulfide by EPA 9034 | PCBs by EPA 8082A | pH by EPA 9045D | Ignitability by EPA 1030 |            |  |
|                     | Container Type:               | Glass                          | Glass                          | Glass                        | Glass                        | Glass                      | Glass                     | Glass             | Glass           | Glass                    |            |  |
|                     | Container Size:               | 4 oz                           | 8 oz                           | 8 oz                         | 8 oz                         | 8 oz                       | 8 oz                      | 8 oz              | 8 oz            | 8 oz                     |            |  |
|                     | Preservative:                 | Ice to 0-6                     | Ice to 0-6 deg                 | Ice to 0-6 deg               | Ice to 0-6 deg               | Ice to 0-6 deg             | Ice to 0-6 deg            | Ice to 0-6        | Ice to 0-6      | Ice to 0-6               | Ice to 0-6 |  |

| #  | Sample ID              | G/C | Matrix | # Cont | MS/MSD | Date Collected | Time Collected | X <sup>a</sup> | X <sup>b</sup> | X <sup>c</sup> | X <sup>d</sup> | X <sup>e</sup> | X <sup>f</sup> | X <sup>g</sup> | X <sup>h</sup> | X <sup>i</sup> | X <sup>j</sup> | Special Instructions/Comments        |
|----|------------------------|-----|--------|--------|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------------------------|
| 1  | TAP-IDW-SOIL-031325-01 | c   | DS     | 7      | no     | 3/13/2025      | 10:20          | X <sup>a</sup> | X <sup>b</sup> | X <sup>c</sup> | X <sup>d</sup> | X <sup>e</sup> | X <sup>f</sup> | X <sup>g</sup> | X <sup>h</sup> | X <sup>i</sup> | X <sup>j</sup> | *VOCs no headspace, prep immediately |
| 2  | TAP-IDW-SOIL-031325-02 | c   | DS     | 7      | no     | 3/13/2025      | 10:50          | X <sup>a</sup> | X <sup>b</sup> | X <sup>c</sup> | X <sup>d</sup> | X <sup>e</sup> | X <sup>f</sup> | X <sup>g</sup> | X <sup>h</sup> | X <sup>i</sup> | X <sup>j</sup> | *VOCs no headspace, prep immediately |
| 3  |                        |     |        |        |        |                |                |                |                |                |                |                |                |                |                |                |                |                                      |
| 4  |                        |     |        |        |        |                |                |                |                |                |                |                |                |                |                |                |                |                                      |
| 5  |                        |     |        |        |        |                |                |                |                |                |                |                |                |                |                |                |                |                                      |
| 6  |                        |     |        |        |        |                |                |                |                |                |                |                |                |                |                |                |                |                                      |
| 7  |                        |     |        |        |        |                |                |                |                |                |                |                |                |                |                |                |                |                                      |
| 8  |                        |     |        |        |        |                |                |                |                |                |                |                |                |                |                |                |                |                                      |
| 9  |                        |     |        |        |        |                |                |                |                |                |                |                |                |                |                |                |                |                                      |
| 10 |                        |     |        |        |        |                |                |                |                |                |                |                |                |                |                |                |                |                                      |
| 11 |                        |     |        |        |        |                |                |                |                |                |                |                |                |                |                |                |                |                                      |
| 12 |                        |     |        |        |        |                |                |                |                |                |                |                |                |                |                |                |                |                                      |

|                                         |         |      |                    |         |      |                                                                                        |  |
|-----------------------------------------|---------|------|--------------------|---------|------|----------------------------------------------------------------------------------------|--|
| Shipping Airbill Number: 7726 9601 3376 |         |      |                    |         |      | Cooler Number: 1 of 1                                                                  |  |
| Relinquished By                         | Date    | Time | Received By        | Date    | Time | Additional Comments                                                                    |  |
| 1. <i>[Signature]</i>                   | 3/13/25 | 1315 | <i>[Signature]</i> | 3/14/25 | 1000 | QSM 6.0 Compliant                                                                      |  |
| 2.                                      |         |      |                    |         |      | Deliverable Requirements: DoD Level IV report, EnviroData EDD, and ERIS-compatible EDD |  |
| 3.                                      |         |      |                    |         |      | 2.9°C                                                                                  |  |

### Laboratory Certification

| Certified By         | License No.      |
|----------------------|------------------|
|                      |                  |
| CAS EPA CLP Contract | 68HERH20D0011    |
|                      |                  |
| Connecticut          | PH-0830          |
|                      |                  |
| DOD ELAP (ANAB)      | L2219            |
|                      |                  |
| Maine                | 2024021          |
|                      |                  |
| Maryland             | 296              |
|                      |                  |
| New Hampshire        | 255424 Rev 1     |
|                      |                  |
| New Jersey           | 20012            |
|                      |                  |
| New York             | 11376            |
|                      |                  |
| Pennsylvania         | 68-00548         |
|                      |                  |
| Soil Permit          | 525-24-234-08441 |
|                      |                  |
| Texas                | T104704488       |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070422.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 16:02  
 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: Mar 11 16:15:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 16:15:10 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|---------|
| -----                       |                 |        |       |          |          |         |         |
| System Monitoring Compounds |                 |        |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 4.526  | 3.828 | 41531966 | 26313383 | 26.670  | 26.644  |
| 2)                          | SA Decachlor... | 10.255 | 8.880 | 28350211 | 26547673 | 26.570  | 27.219  |
| Target Compounds            |                 |        |       |          |          |         |         |
| 3)                          | L1 AR-1016-1    | 5.678  | 4.916 | 14080037 | 9864390  | 278.227 | 277.469 |
| 4)                          | L1 AR-1016-2    | 5.700  | 4.935 | 19868297 | 13900874 | 268.896 | 277.831 |
| 5)                          | L1 AR-1016-3    | 5.762  | 5.112 | 12407402 | 7670971  | 273.151 | 275.227 |
| 6)                          | L1 AR-1016-4    | 5.859  | 5.154 | 10571757 | 6097437  | 275.169 | 274.862 |
| 7)                          | L1 AR-1016-5    | 6.153  | 5.369 | 9142764  | 8102490  | 264.374 | 282.508 |
| 31)                         | L7 AR-1260-1    | 7.272  | 6.406 | 15812734 | 13410773 | 266.607 | 272.835 |
| 32)                         | L7 AR-1260-2    | 7.526  | 6.594 | 21836797 | 17516742 | 268.685 | 268.035 |
| 33)                         | L7 AR-1260-3    | 7.885  | 6.749 | 17670532 | 15252750 | 265.362 | 269.346 |
| 34)                         | L7 AR-1260-4    | 8.110  | 7.220 | 17375887 | 13889843 | 265.960 | 269.143 |
| 35)                         | L7 AR-1260-5    | 8.430  | 7.461 | 36632226 | 34190463 | 265.158 | 259.725 |
| -----                       |                 |        |       |          |          |         |         |

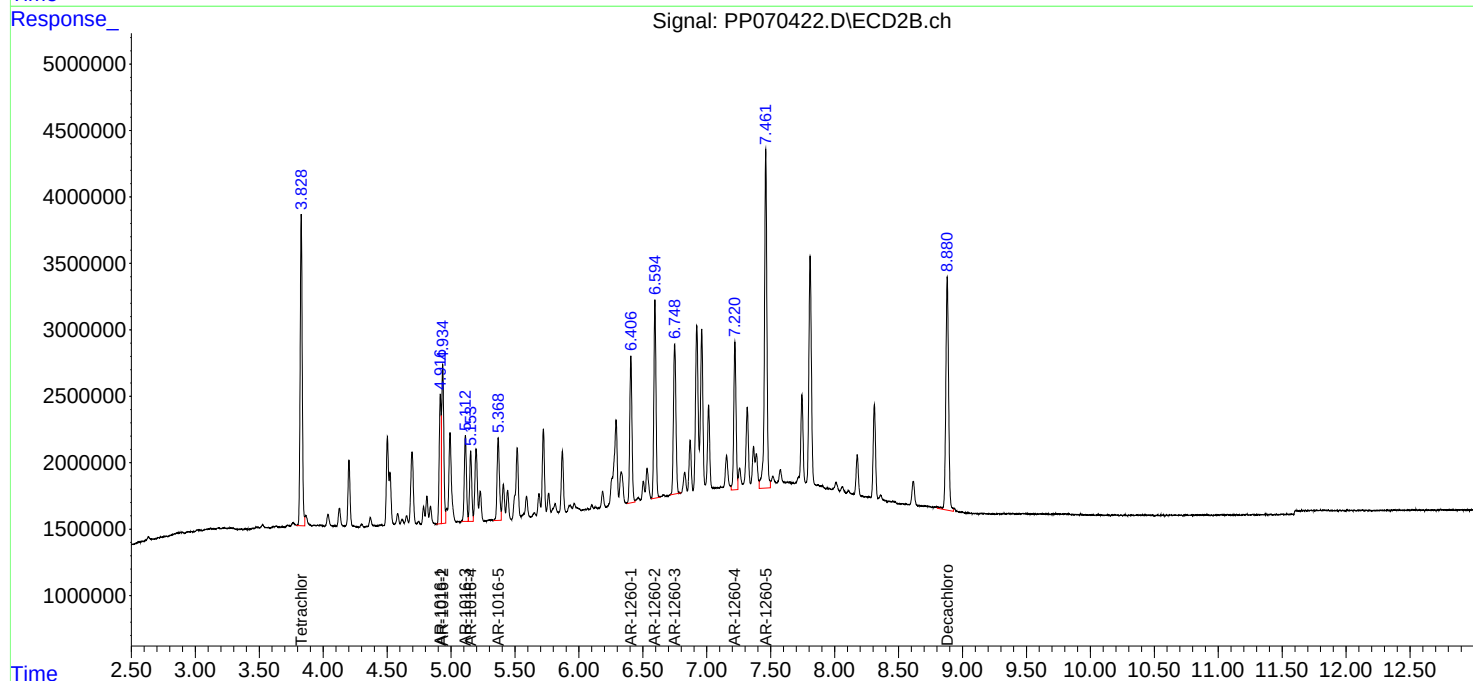
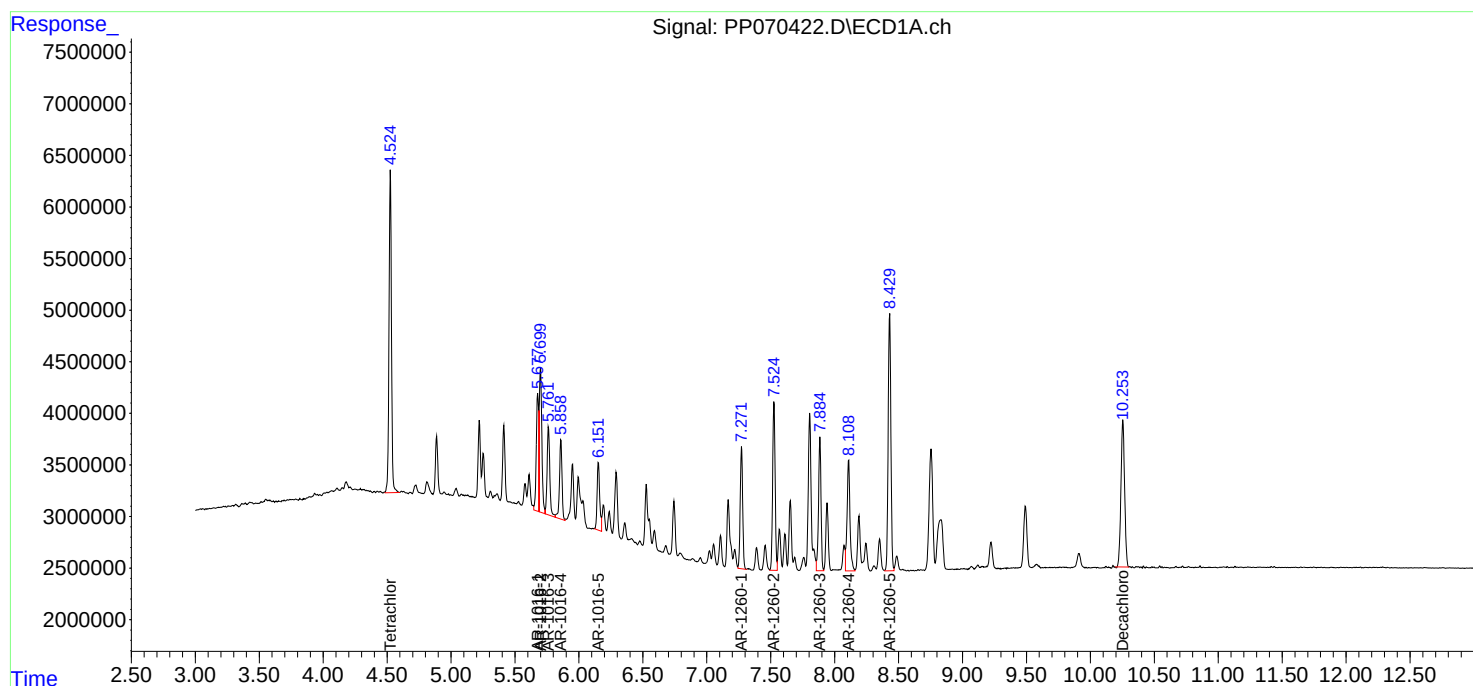
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

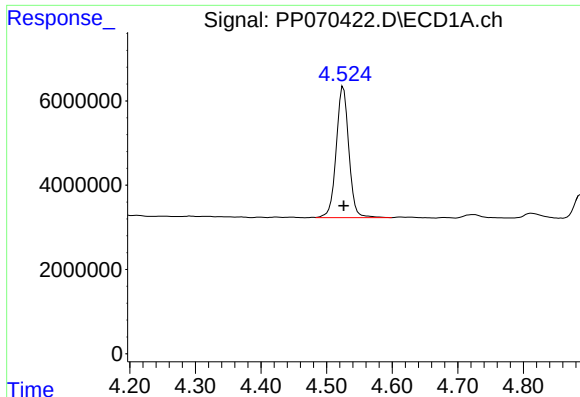
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070422.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 16:02  
Operator : YP\AJ  
Sample : AR1660ICC250  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 16:15:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 16:15:10 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

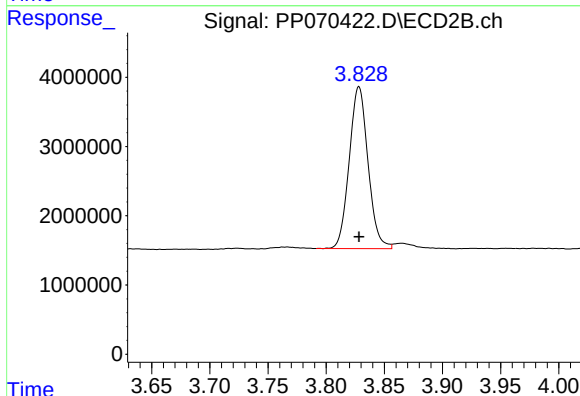




#1 Tetrachloro-m-xylene

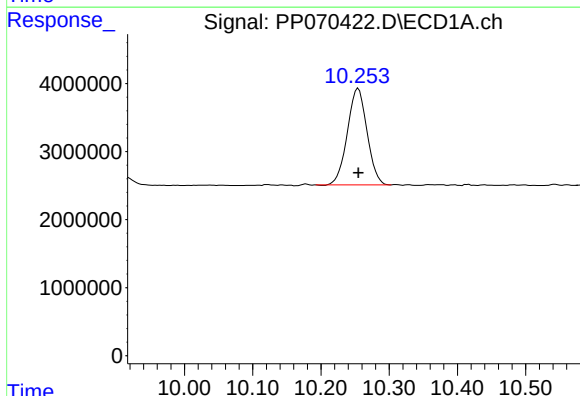
R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 41531966  
Conc: 26.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250



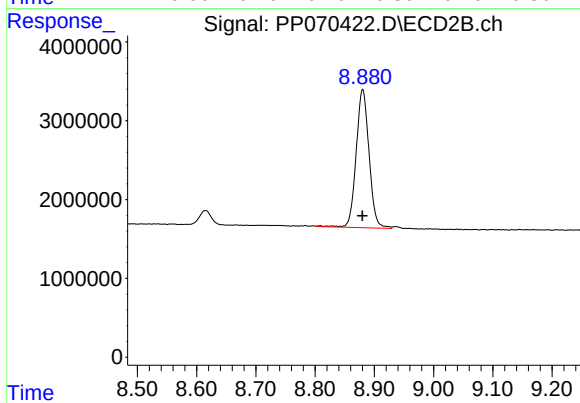
#1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 26313383  
Conc: 26.64 ng/ml



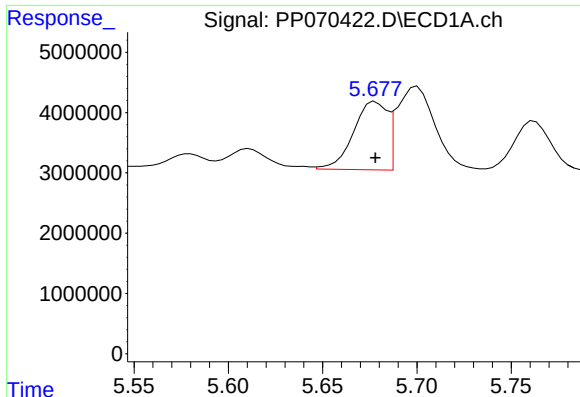
#2 Decachlorobiphenyl

R.T.: 10.255 min  
Delta R.T.: 0.000 min  
Response: 28350211  
Conc: 26.57 ng/ml



#2 Decachlorobiphenyl

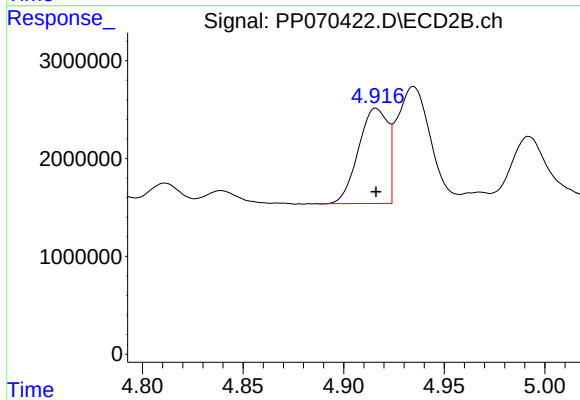
R.T.: 8.880 min  
Delta R.T.: 0.000 min  
Response: 26547673  
Conc: 27.22 ng/ml



#3 AR-1016-1

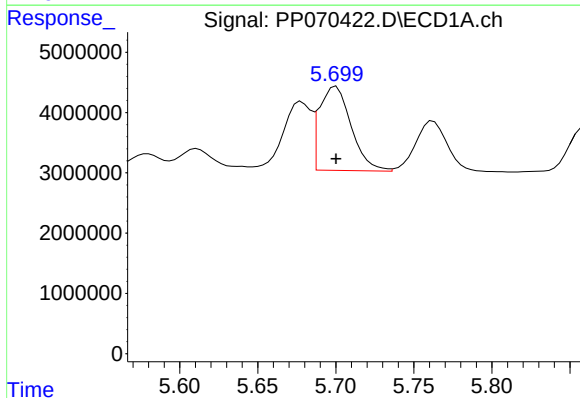
R.T.: 5.678 min  
Delta R.T.: 0.000 min  
Response: 14080037  
Conc: 278.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250



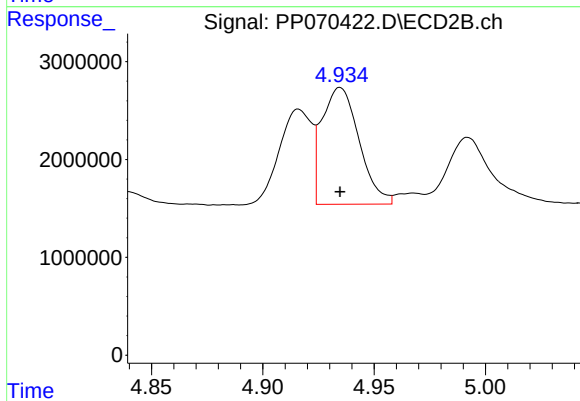
#3 AR-1016-1

R.T.: 4.916 min  
Delta R.T.: 0.000 min  
Response: 9864390  
Conc: 277.47 ng/ml



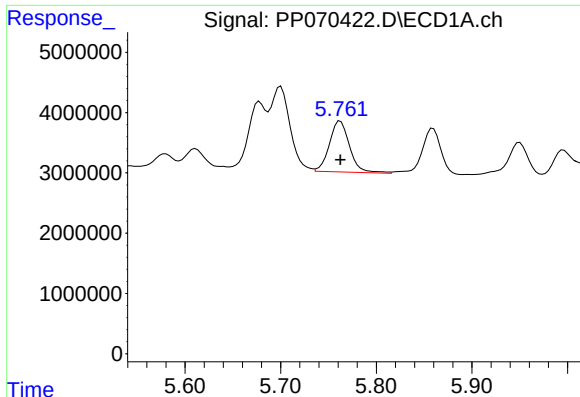
#4 AR-1016-2

R.T.: 5.700 min  
Delta R.T.: 0.000 min  
Response: 19868297  
Conc: 268.90 ng/ml



#4 AR-1016-2

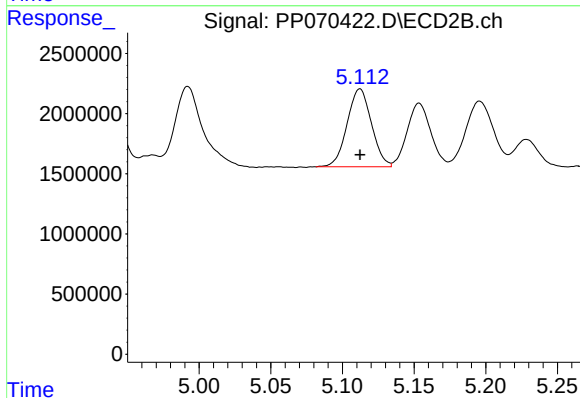
R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 13900874  
Conc: 277.83 ng/ml



#5 AR-1016-3

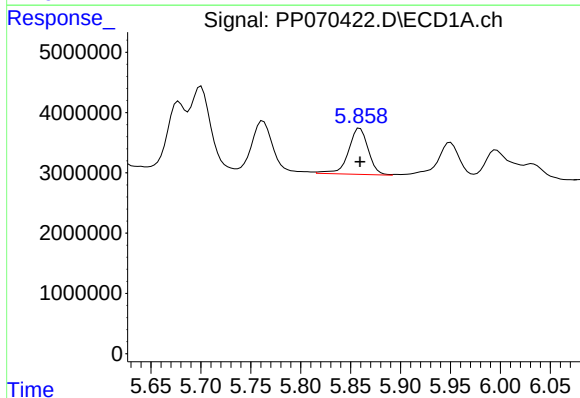
R.T.: 5.762 min  
Delta R.T.: 0.000 min  
Response: 12407402  
Conc: 273.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250



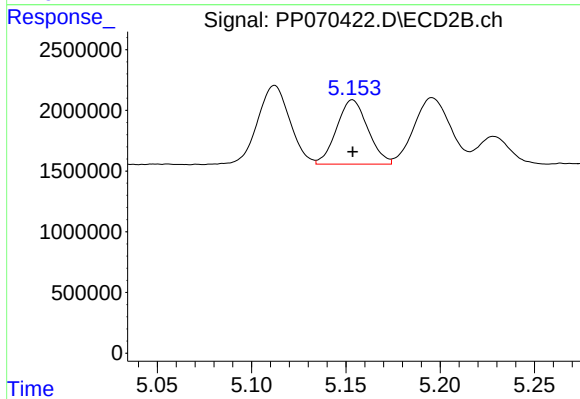
#5 AR-1016-3

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 7670971  
Conc: 275.23 ng/ml



#6 AR-1016-4

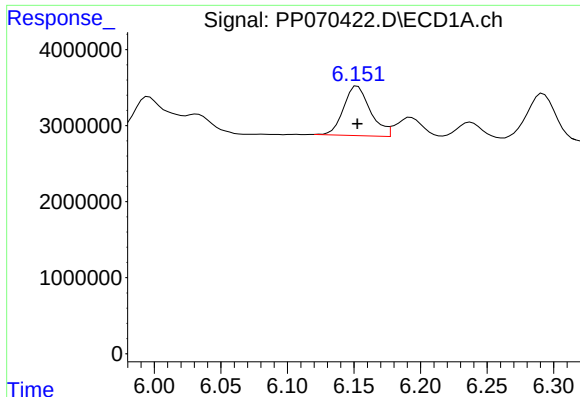
R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 10571757  
Conc: 275.17 ng/ml



#6 AR-1016-4

R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 6097437  
Conc: 274.86 ng/ml

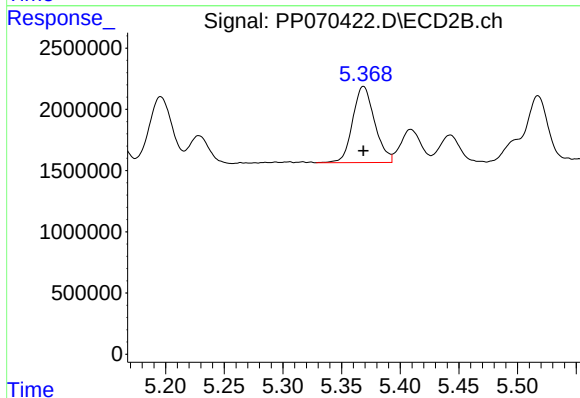




#7 AR-1016-5

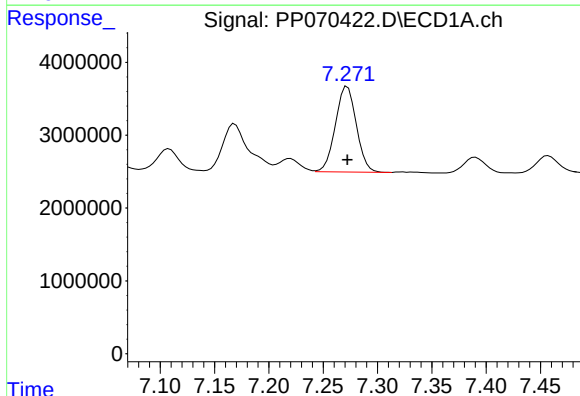
R.T.: 6.153 min  
Delta R.T.: 0.000 min  
Response: 9142764  
Conc: 264.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250



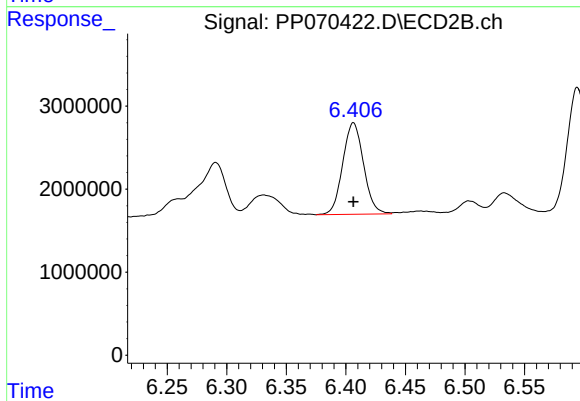
#7 AR-1016-5

R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 8102490  
Conc: 282.51 ng/ml



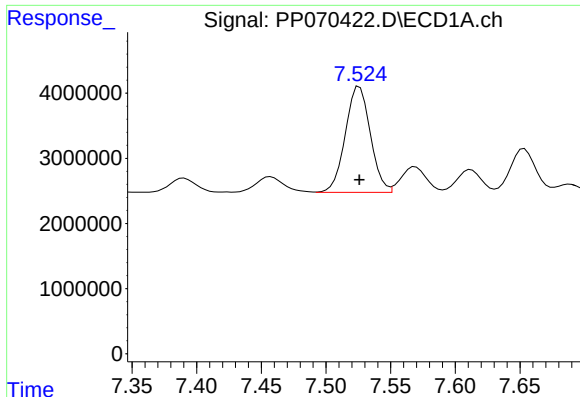
#31 AR-1260-1

R.T.: 7.272 min  
Delta R.T.: 0.000 min  
Response: 15812734  
Conc: 266.61 ng/ml



#31 AR-1260-1

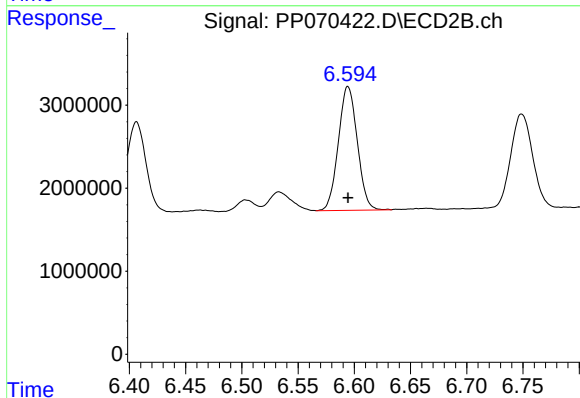
R.T.: 6.406 min  
Delta R.T.: 0.000 min  
Response: 13410773  
Conc: 272.83 ng/ml



#32 AR-1260-2

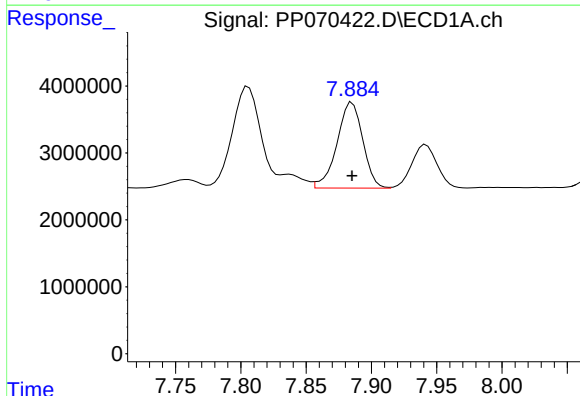
R.T.: 7.526 min  
Delta R.T.: 0.000 min  
Response: 21836797  
Conc: 268.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250



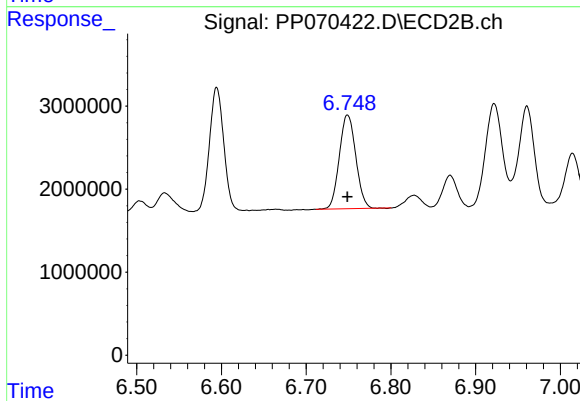
#32 AR-1260-2

R.T.: 6.594 min  
Delta R.T.: 0.000 min  
Response: 17516742  
Conc: 268.04 ng/ml



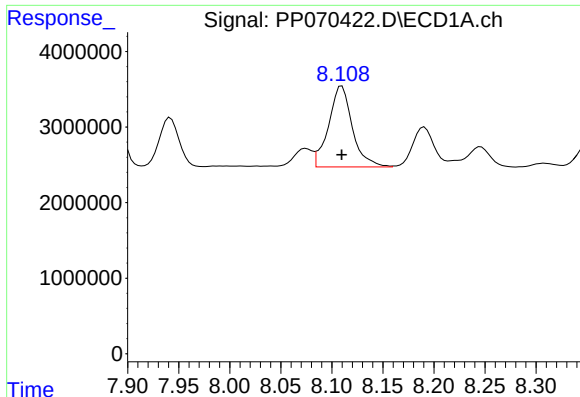
#33 AR-1260-3

R.T.: 7.885 min  
Delta R.T.: 0.000 min  
Response: 17670532  
Conc: 265.36 ng/ml



#33 AR-1260-3

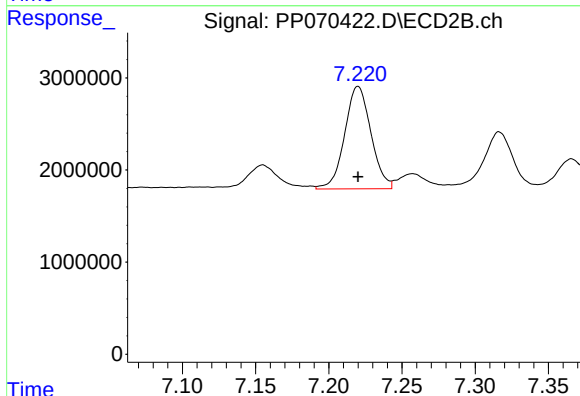
R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 15252750  
Conc: 269.35 ng/ml



#34 AR-1260-4

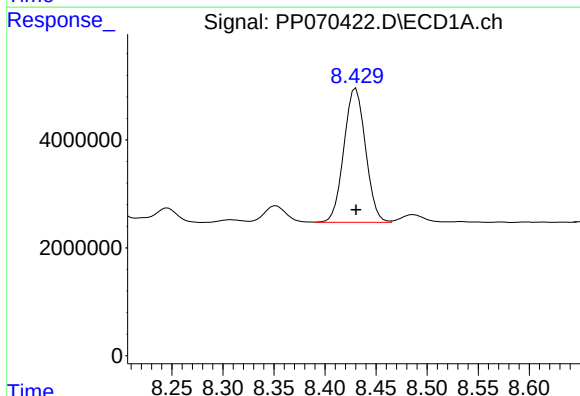
R.T.: 8.110 min  
Delta R.T.: 0.000 min  
Response: 17375887  
Conc: 265.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250



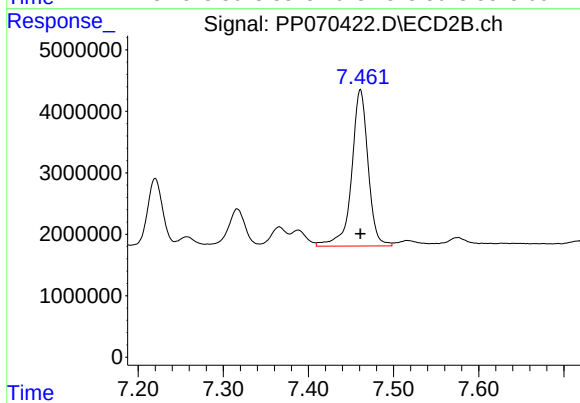
#34 AR-1260-4

R.T.: 7.220 min  
Delta R.T.: 0.000 min  
Response: 13889843  
Conc: 269.14 ng/ml



#35 AR-1260-5

R.T.: 8.430 min  
Delta R.T.: 0.000 min  
Response: 36632226  
Conc: 265.16 ng/ml



#35 AR-1260-5

R.T.: 7.461 min  
Delta R.T.: 0.000 min  
Response: 34190463  
Conc: 259.73 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070423.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 16:18  
 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: Mar 11 16:29:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 16:29:31 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|-------|---------|---------|--------|----------|
| -----                       |                 |        |       |         |         |        |          |
| System Monitoring Compounds |                 |        |       |         |         |        |          |
| 1)                          | SA Tetrachlo... | 4.526  | 3.828 | 7739681 | 5305139 | 4.976  | 5.293    |
| 2)                          | SA Decachlor... | 10.252 | 8.882 | 5218274 | 4943985 | 4.912  | 5.053    |
| Target Compounds            |                 |        |       |         |         |        |          |
| 3)                          | L1 AR-1016-1    | 5.678  | 4.917 | 3335619 | 1877865 | 63.374 | 52.232   |
| 4)                          | L1 AR-1016-2    | 5.700  | 4.936 | 4068888 | 2984969 | 56.147 | 57.440   |
| 5)                          | L1 AR-1016-3    | 5.764  | 5.113 | 2994302 | 1539056 | 66.094 | 54.090   |
| 6)                          | L1 AR-1016-4    | 5.861  | 5.154 | 2784967 | 1160746 | 71.917 | 51.842 # |
| 7)                          | L1 AR-1016-5    | 6.151  | 5.369 | 1738965 | 1693613 | 50.227 | 56.988   |
| 31)                         | L7 AR-1260-1    | 7.273  | 6.407 | 2822336 | 2615404 | 48.049 | 52.535   |
| 32)                         | L7 AR-1260-2    | 7.527  | 6.594 | 4256172 | 3451390 | 51.877 | 52.225   |
| 33)                         | L7 AR-1260-3    | 7.885  | 6.749 | 3121384 | 2973566 | 47.468 | 51.988   |
| 34)                         | L7 AR-1260-4    | 8.110  | 7.221 | 3269147 | 3527482 | 50.031 | 69.226 # |
| 35)                         | L7 AR-1260-5    | 8.431  | 7.462 | 6538931 | 7562526 | 47.842 | 58.529   |
| -----                       |                 |        |       |         |         |        |          |

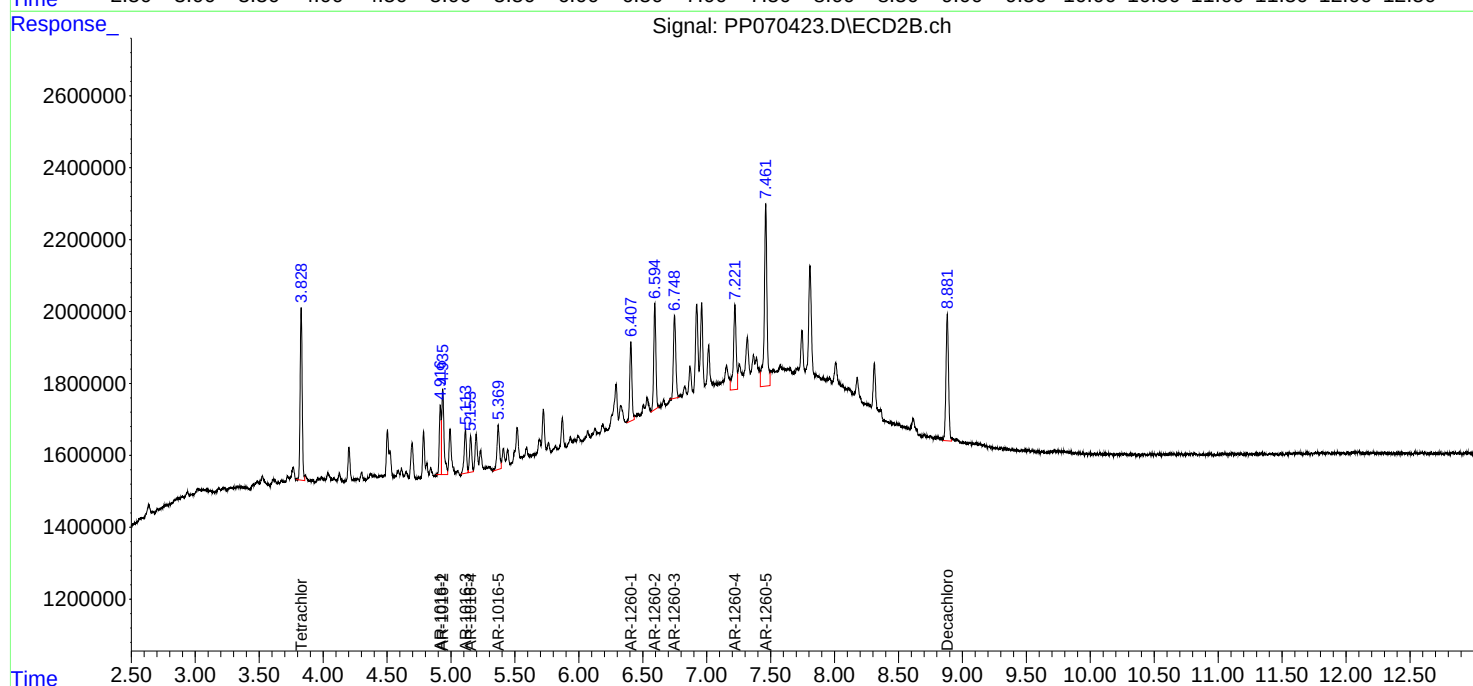
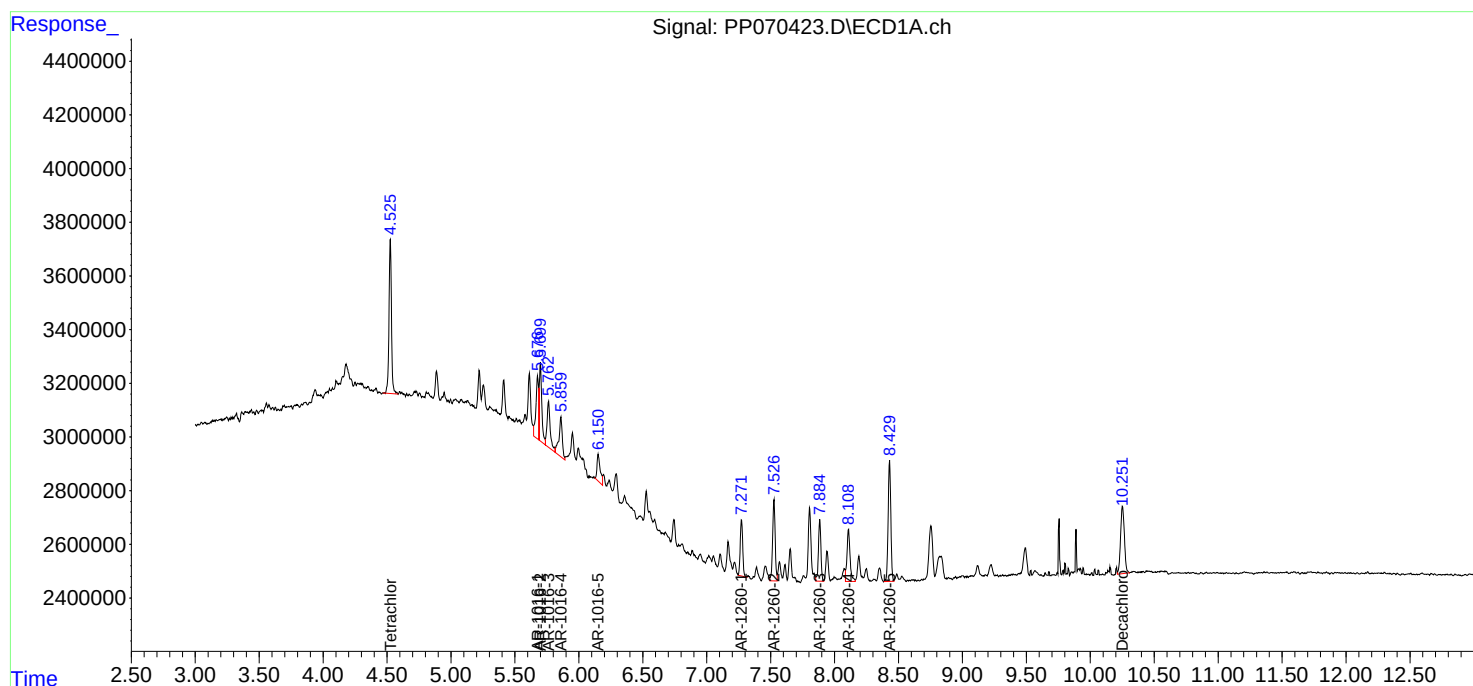
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

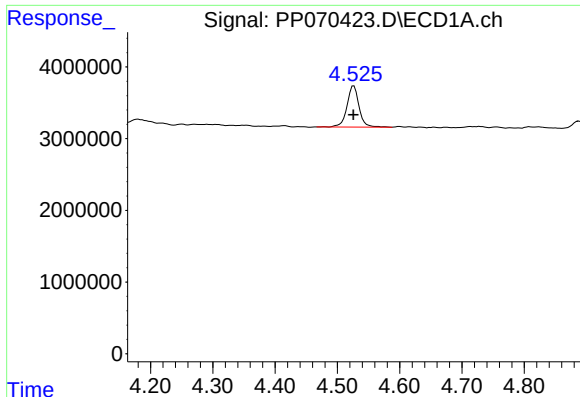
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070423.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 16:18  
Operator : YP\AJ  
Sample : AR1660ICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 16:29:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 16:29:31 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

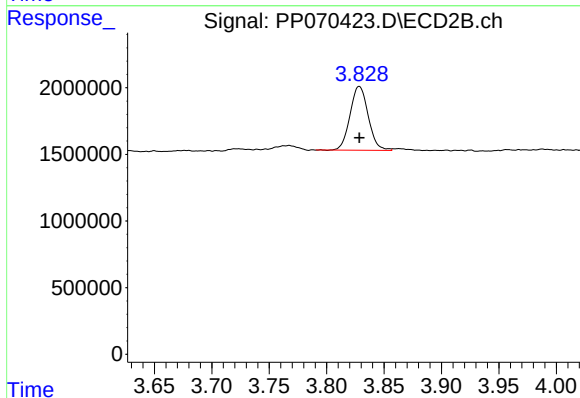




#1 Tetrachloro-m-xylene

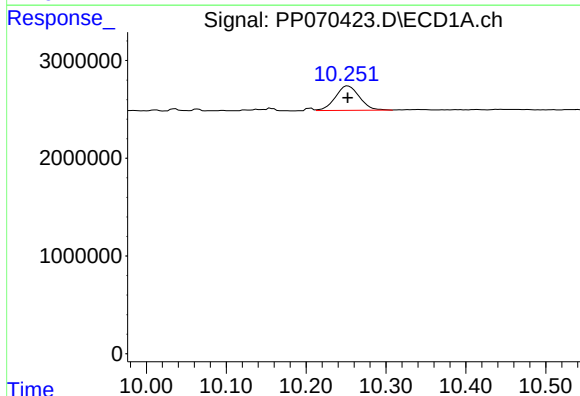
R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 7739681  
Conc: 4.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050



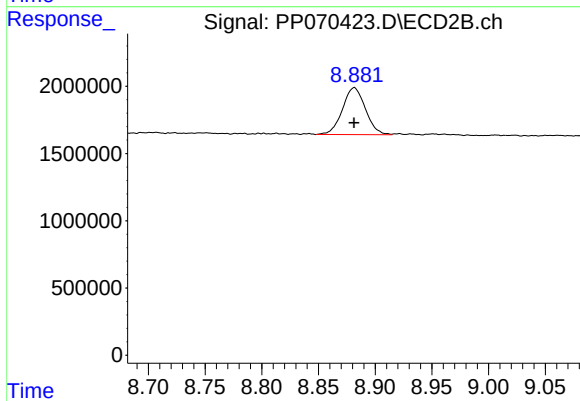
#1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 5305139  
Conc: 5.29 ng/ml



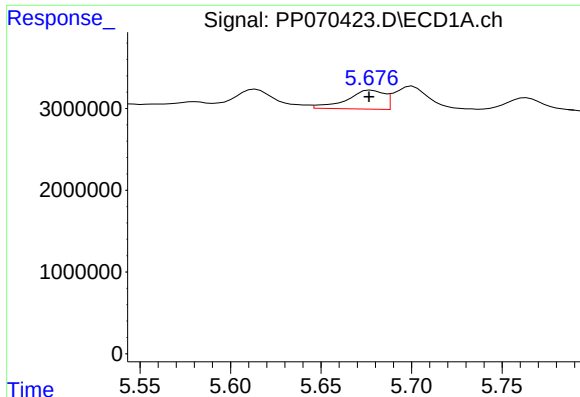
#2 Decachlorobiphenyl

R.T.: 10.252 min  
Delta R.T.: 0.000 min  
Response: 5218274  
Conc: 4.91 ng/ml



#2 Decachlorobiphenyl

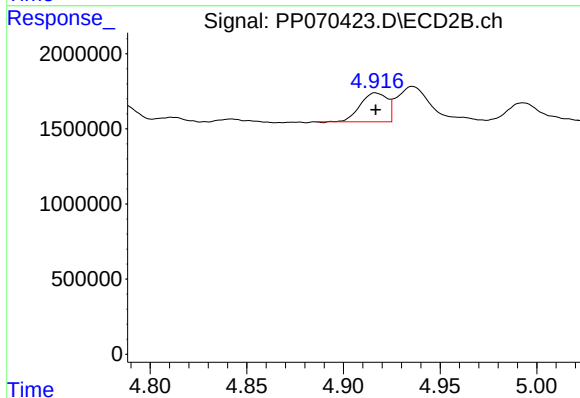
R.T.: 8.882 min  
Delta R.T.: 0.000 min  
Response: 4943985  
Conc: 5.05 ng/ml



#3 AR-1016-1

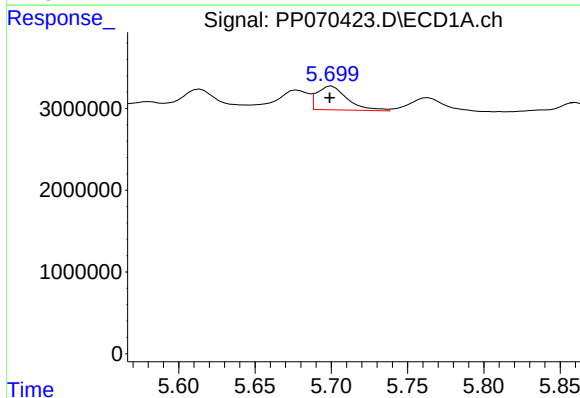
R.T.: 5.678 min  
Delta R.T.: 0.001 min  
Response: 3335619  
Conc: 63.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050



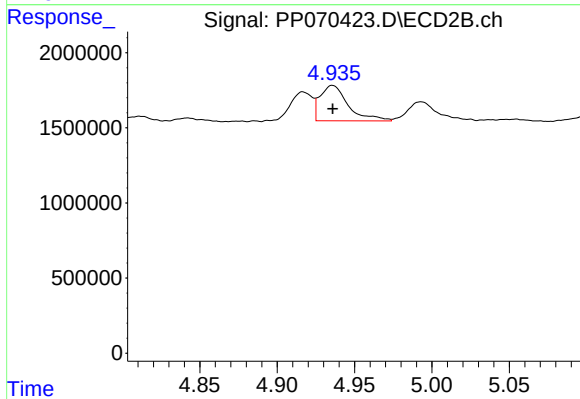
#3 AR-1016-1

R.T.: 4.917 min  
Delta R.T.: 0.000 min  
Response: 1877865  
Conc: 52.23 ng/ml



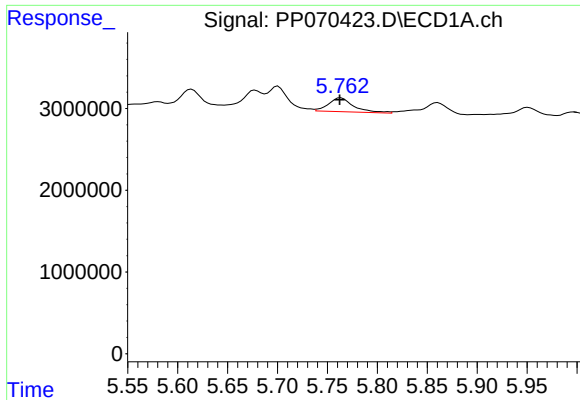
#4 AR-1016-2

R.T.: 5.700 min  
Delta R.T.: 0.001 min  
Response: 4068888  
Conc: 56.15 ng/ml



#4 AR-1016-2

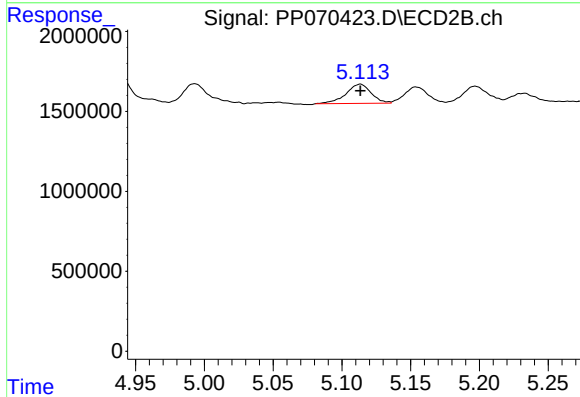
R.T.: 4.936 min  
Delta R.T.: 0.000 min  
Response: 2984969  
Conc: 57.44 ng/ml



#5 AR-1016-3

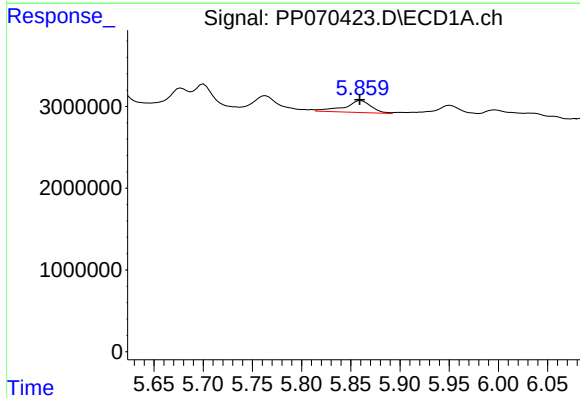
R.T.: 5.764 min  
Delta R.T.: 0.001 min  
Response: 2994302  
Conc: 66.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050



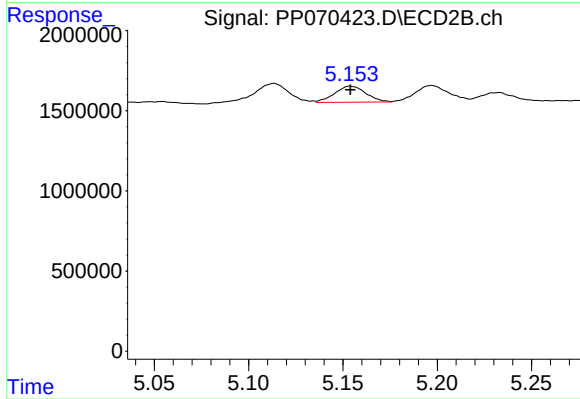
#5 AR-1016-3

R.T.: 5.113 min  
Delta R.T.: 0.000 min  
Response: 1539056  
Conc: 54.09 ng/ml



#6 AR-1016-4

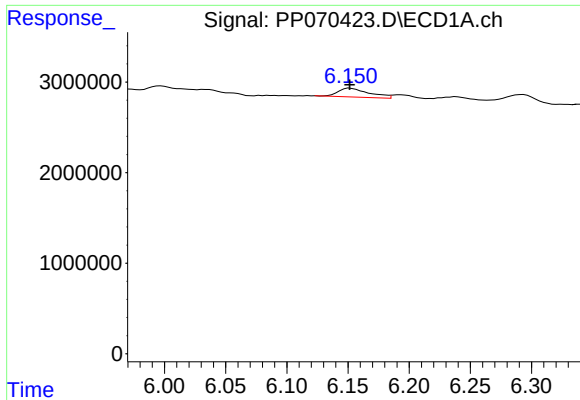
R.T.: 5.861 min  
Delta R.T.: 0.001 min  
Response: 2784967  
Conc: 71.92 ng/ml



#6 AR-1016-4

R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 1160746  
Conc: 51.84 ng/ml

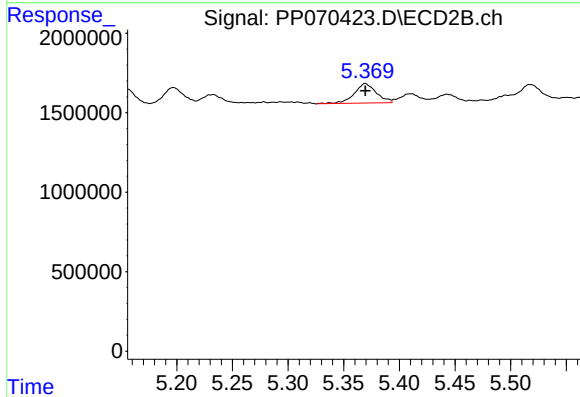




#7 AR-1016-5

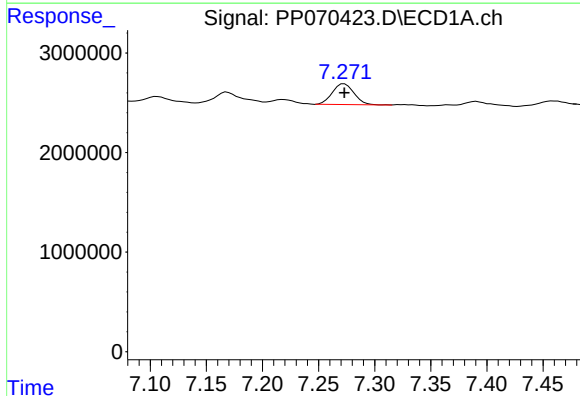
R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 1738965  
Conc: 50.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050



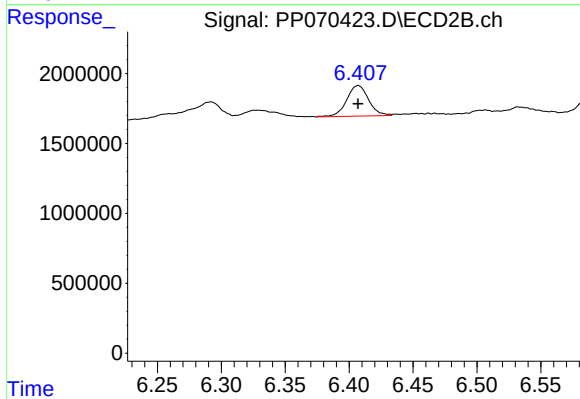
#7 AR-1016-5

R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 1693613  
Conc: 56.99 ng/ml



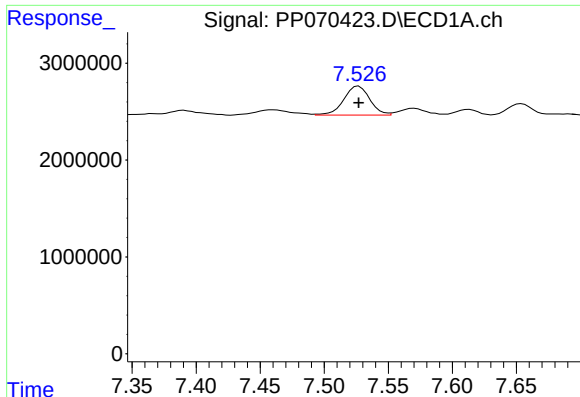
#31 AR-1260-1

R.T.: 7.273 min  
Delta R.T.: 0.000 min  
Response: 2822336  
Conc: 48.05 ng/ml



#31 AR-1260-1

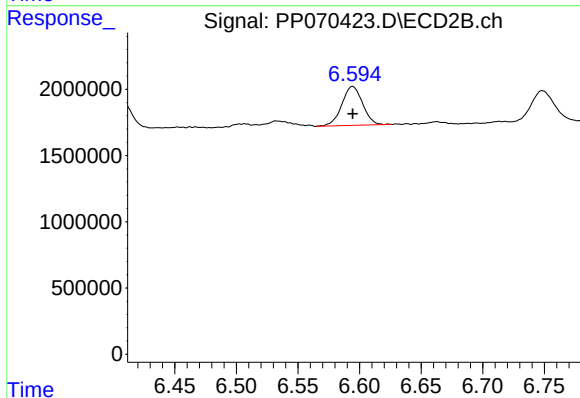
R.T.: 6.407 min  
Delta R.T.: 0.000 min  
Response: 2615404  
Conc: 52.53 ng/ml



#32 AR-1260-2

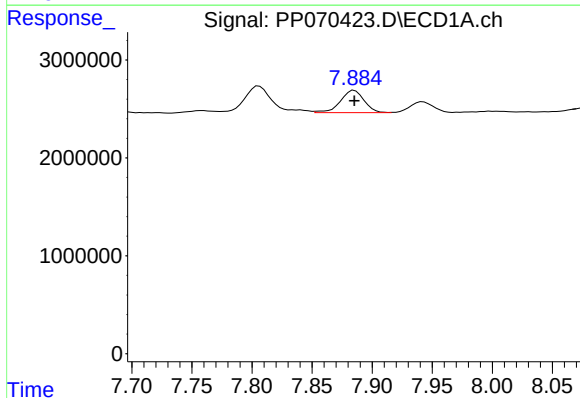
R.T.: 7.527 min  
Delta R.T.: 0.000 min  
Response: 4256172  
Conc: 51.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050



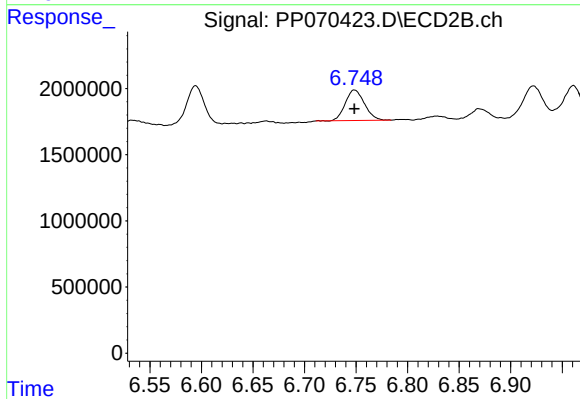
#32 AR-1260-2

R.T.: 6.594 min  
Delta R.T.: 0.000 min  
Response: 3451390  
Conc: 52.22 ng/ml



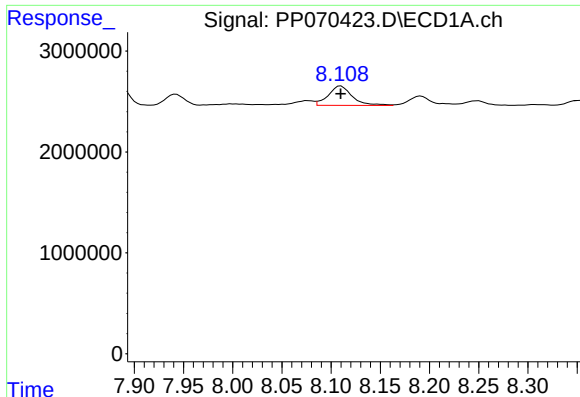
#33 AR-1260-3

R.T.: 7.885 min  
Delta R.T.: 0.000 min  
Response: 3121384  
Conc: 47.47 ng/ml



#33 AR-1260-3

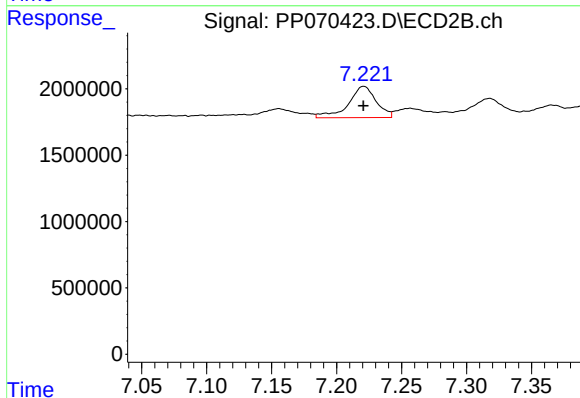
R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 2973566  
Conc: 51.99 ng/ml



#34 AR-1260-4

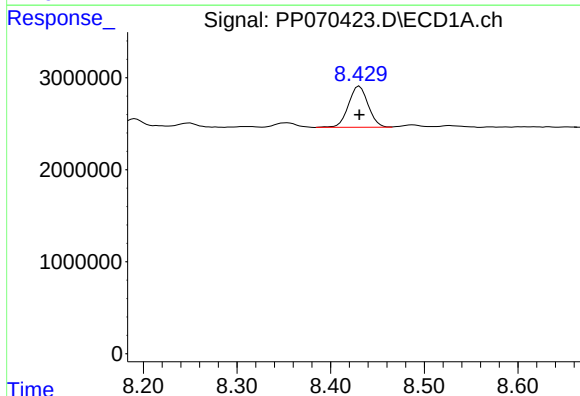
R.T.: 8.110 min  
Delta R.T.: 0.000 min  
Response: 3269147  
Conc: 50.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050



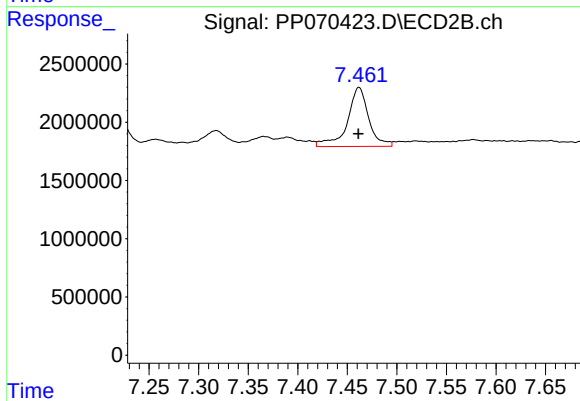
#34 AR-1260-4

R.T.: 7.221 min  
Delta R.T.: 0.000 min  
Response: 3527482  
Conc: 69.23 ng/ml



#35 AR-1260-5

R.T.: 8.431 min  
Delta R.T.: 0.000 min  
Response: 6538931  
Conc: 47.84 ng/ml



#35 AR-1260-5

R.T.: 7.462 min  
Delta R.T.: 0.000 min  
Response: 7562526  
Conc: 58.53 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070428.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 17:40  
 Operator : YP\AJ  
 Sample : AR1232ICC250  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:00:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 21:58:44 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...          | 4.526  | 3.829 | 42110947 | 27566531 | 25.860  | 26.841  |
| 2) SA Decachlor...          | 10.254 | 8.881 | 28765211 | 28286345 | 25.912  | 29.310  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.888  | 4.202 | 9518147  | 7054654  | 273.385 | 272.629 |
| 12) L3 AR-1232-2            | 5.414  | 4.935 | 4323493  | 6922424  | 244.134 | 274.933 |
| 13) L3 AR-1232-3            | 5.700  | 5.112 | 9794735  | 3580147  | 260.145 | 260.315 |
| 14) L3 AR-1232-4            | 5.861  | 5.196 | 5144985  | 3082888  | 272.491 | 264.004 |
| 15) L3 AR-1232-5            | 5.951  | 5.369 | 3874973  | 3384658  | 284.987 | 259.326 |
| -----                       |        |       |          |          |         |         |

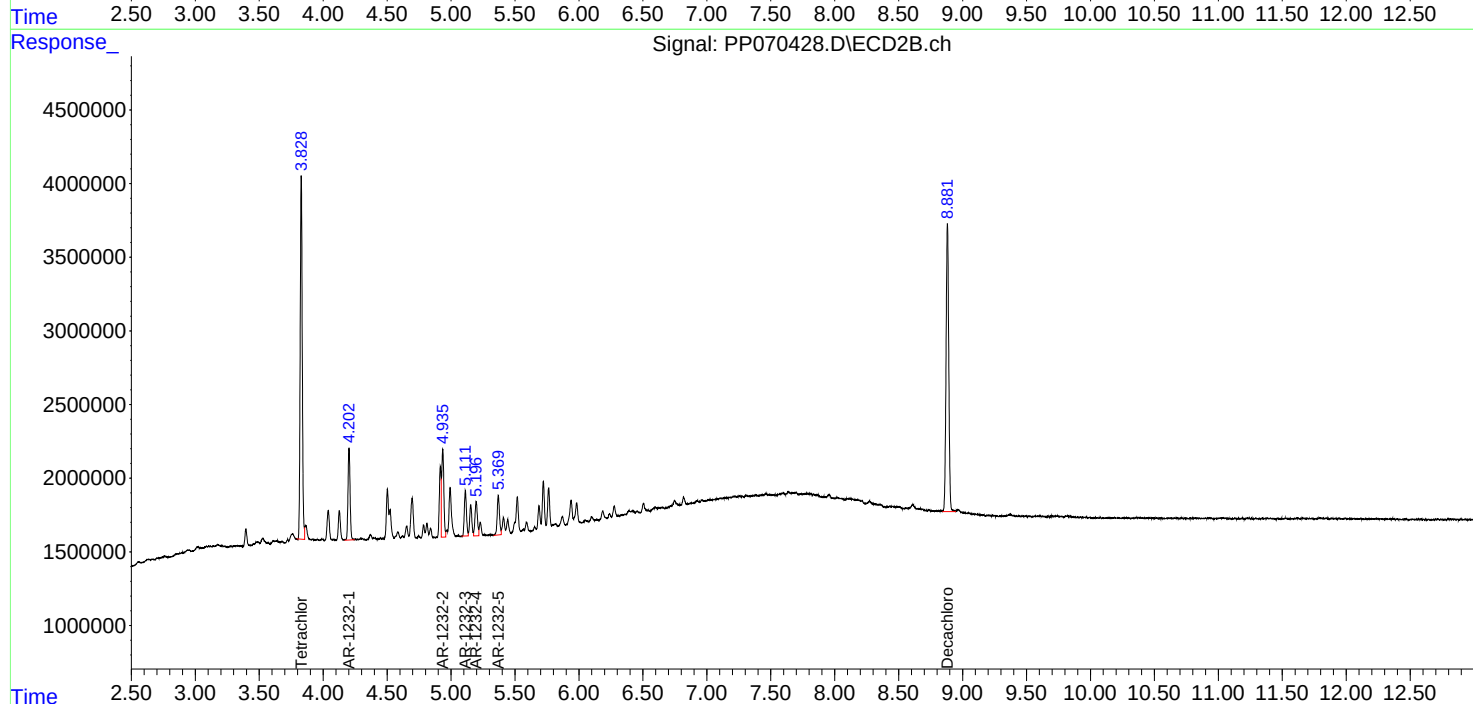
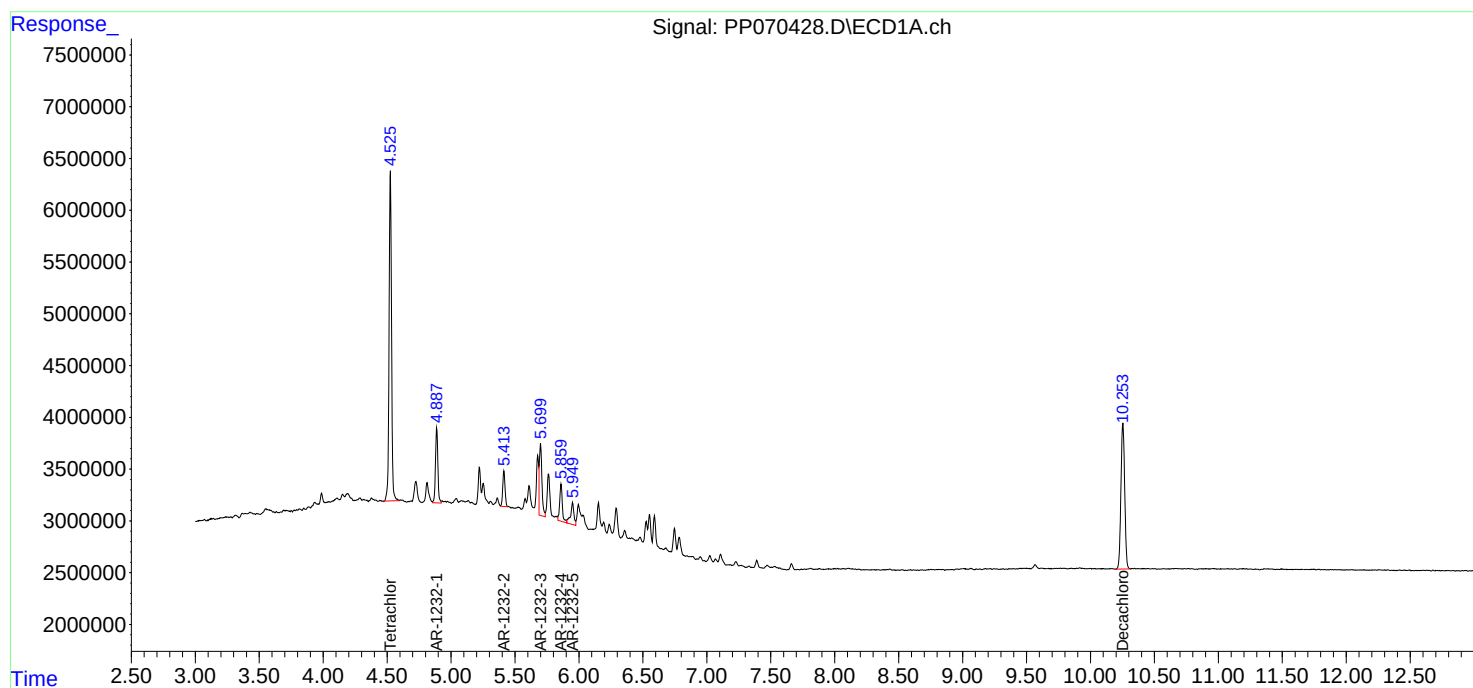
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

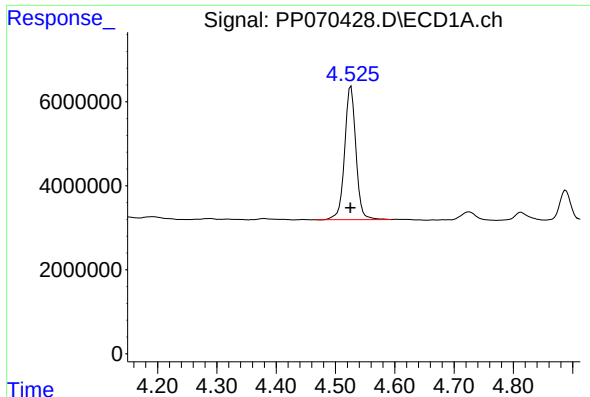
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070428.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 17:40  
Operator : YP\AJ  
Sample : AR1232ICC250  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:00:16 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 21:58:44 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

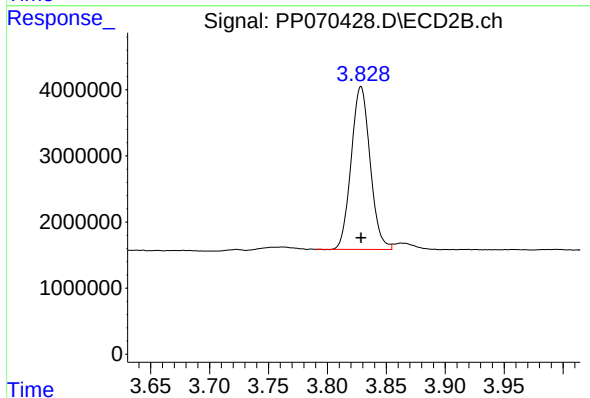




#1 Tetrachloro-m-xylene

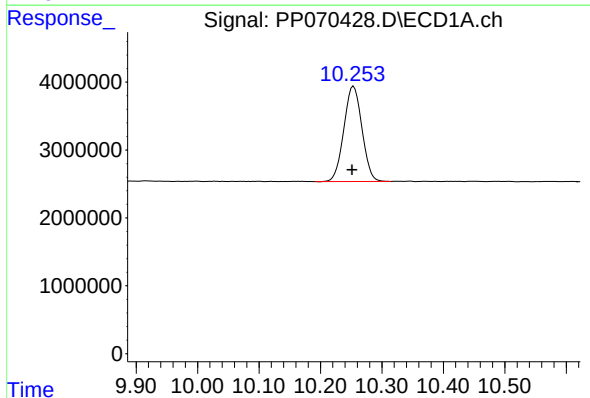
R.T.: 4.526 min  
Delta R.T.: 0.001 min  
Response: 42110947  
Conc: 25.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC250



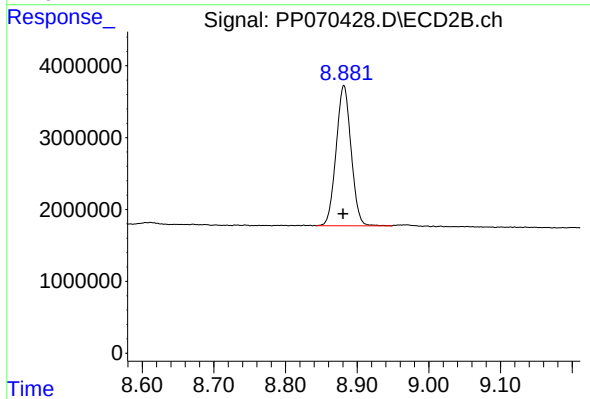
#1 Tetrachloro-m-xylene

R.T.: 3.829 min  
Delta R.T.: 0.000 min  
Response: 27566531  
Conc: 26.84 ng/ml



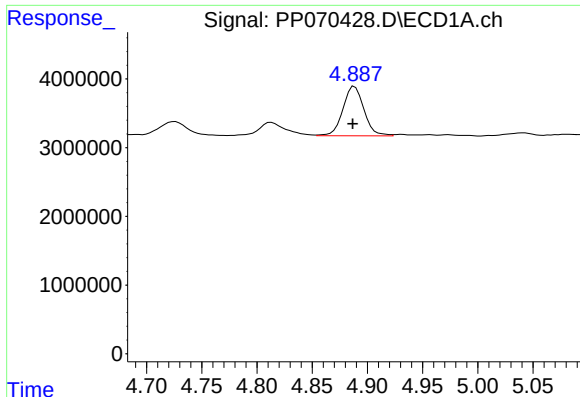
#2 Decachlorobiphenyl

R.T.: 10.254 min  
Delta R.T.: 0.002 min  
Response: 28765211  
Conc: 25.91 ng/ml



#2 Decachlorobiphenyl

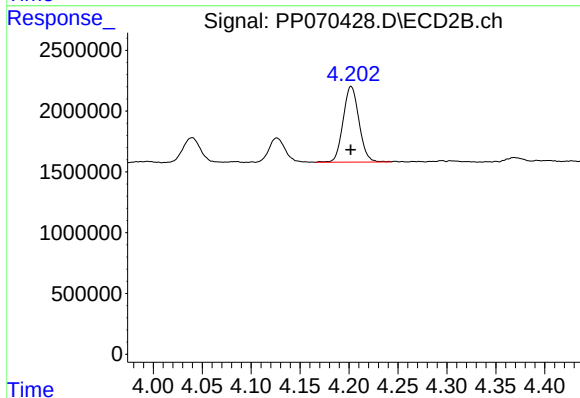
R.T.: 8.881 min  
Delta R.T.: 0.001 min  
Response: 28286345  
Conc: 29.31 ng/ml



#11 AR-1232-1

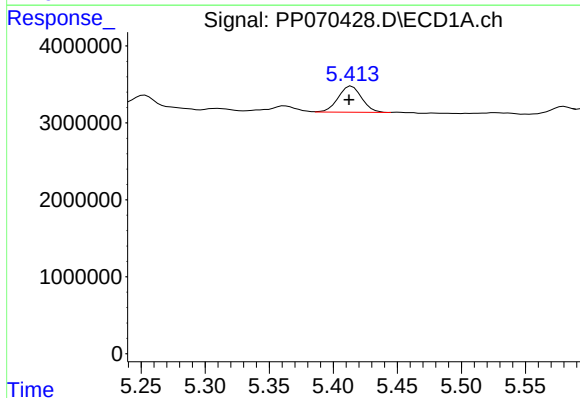
R.T.: 4.888 min  
Delta R.T.: 0.002 min  
Response: 9518147  
Conc: 273.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC250



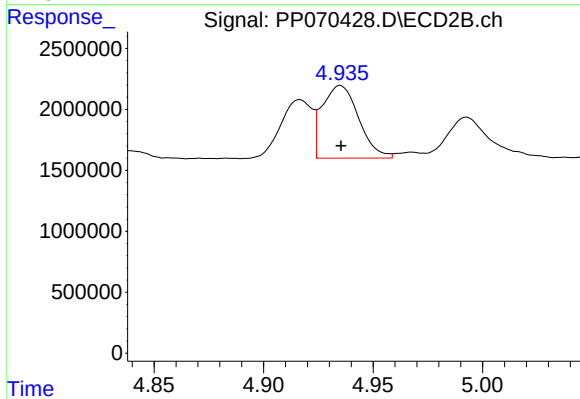
#11 AR-1232-1

R.T.: 4.202 min  
Delta R.T.: 0.000 min  
Response: 7054654  
Conc: 272.63 ng/ml



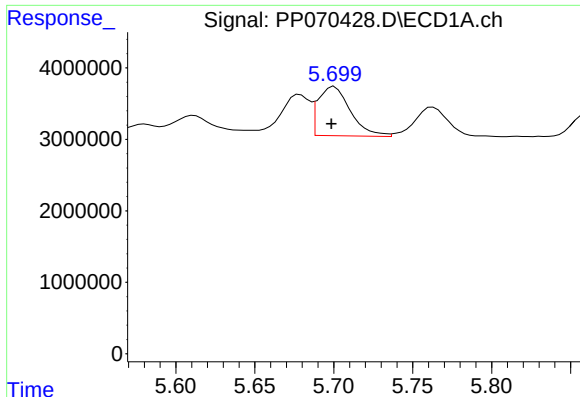
#12 AR-1232-2

R.T.: 5.414 min  
Delta R.T.: 0.002 min  
Response: 4323493  
Conc: 244.13 ng/ml



#12 AR-1232-2

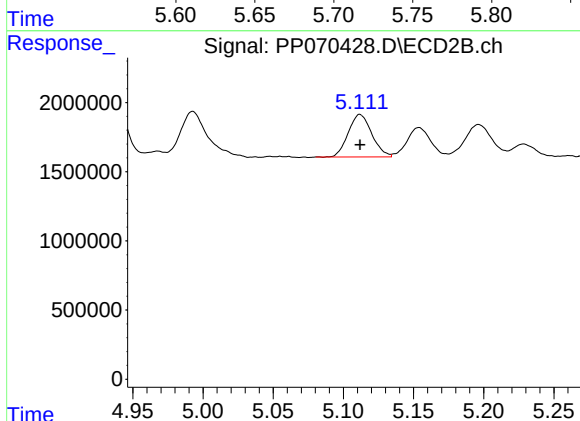
R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 6922424  
Conc: 274.93 ng/ml



#13 AR-1232-3

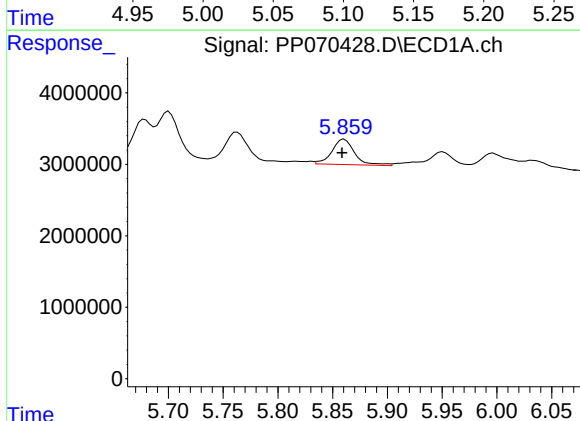
R.T.: 5.700 min  
Delta R.T.: 0.002 min  
Response: 9794735  
Conc: 260.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC250



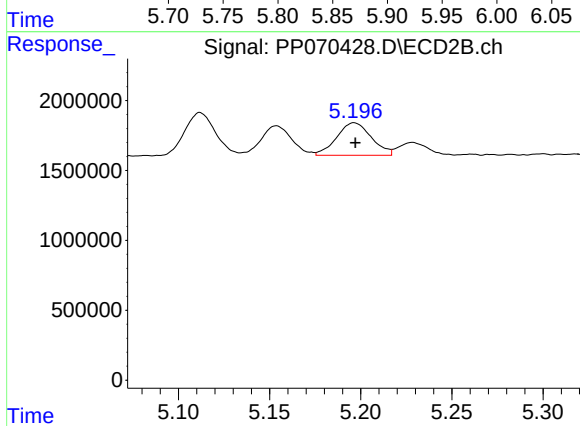
#13 AR-1232-3

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 3580147  
Conc: 260.31 ng/ml



#14 AR-1232-4

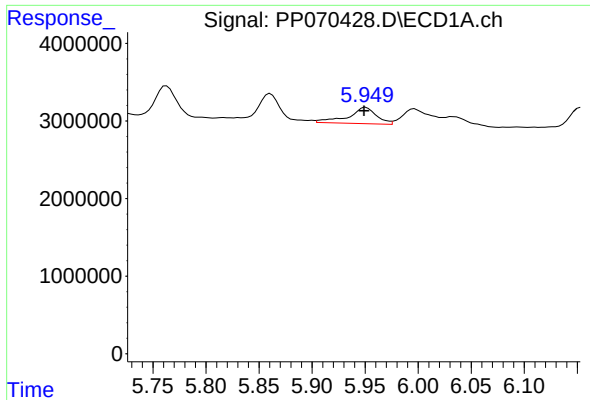
R.T.: 5.861 min  
Delta R.T.: 0.002 min  
Response: 5144985  
Conc: 272.49 ng/ml



#14 AR-1232-4

R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 3082888  
Conc: 264.00 ng/ml

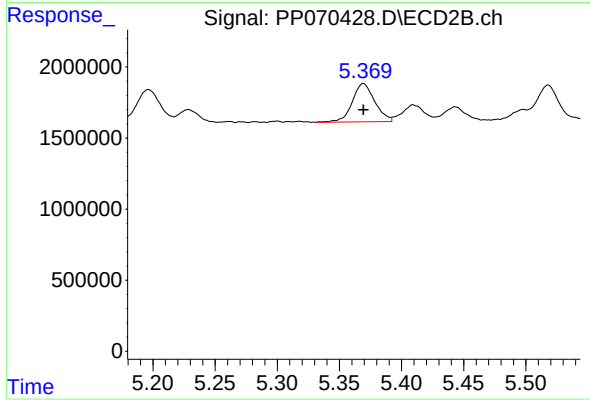




#15 AR-1232-5

R.T.: 5.951 min  
Delta R.T.: 0.002 min  
Response: 3874973  
Conc: 284.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC250



#15 AR-1232-5

R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 3384658  
Conc: 259.33 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070429.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 17:56  
 Operator : YP\AJ  
 Sample : AR1232ICC050  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:00:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 21:58:44 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...          | 4.526  | 3.828 | 7821901 | 5940731 | 4.803  | 5.784    |
| 2) SA Decachlor...          | 10.255 | 8.881 | 5277277 | 5419163 | 4.754  | 5.615    |
| Target Compounds            |        |       |         |         |        |          |
| 11) L3 AR-1232-1            | 4.889  | 4.202 | 1983848 | 1511217 | 56.981 | 58.401   |
| 12) L3 AR-1232-2            | 5.416  | 4.935 | 615939  | 2378041 | 34.780 | 94.447 # |
| 13) L3 AR-1232-3            | 5.702  | 5.112 | 2348348 | 799405  | 62.371 | 58.125   |
| 14) L3 AR-1232-4            | 5.861  | 5.196 | 1482421 | 627440  | 78.513 | 53.731 # |
| 15) L3 AR-1232-5            | 5.998f | 5.369 | 323564  | 845307  | 23.797 | 64.766 # |
| -----                       |        |       |         |         |        |          |

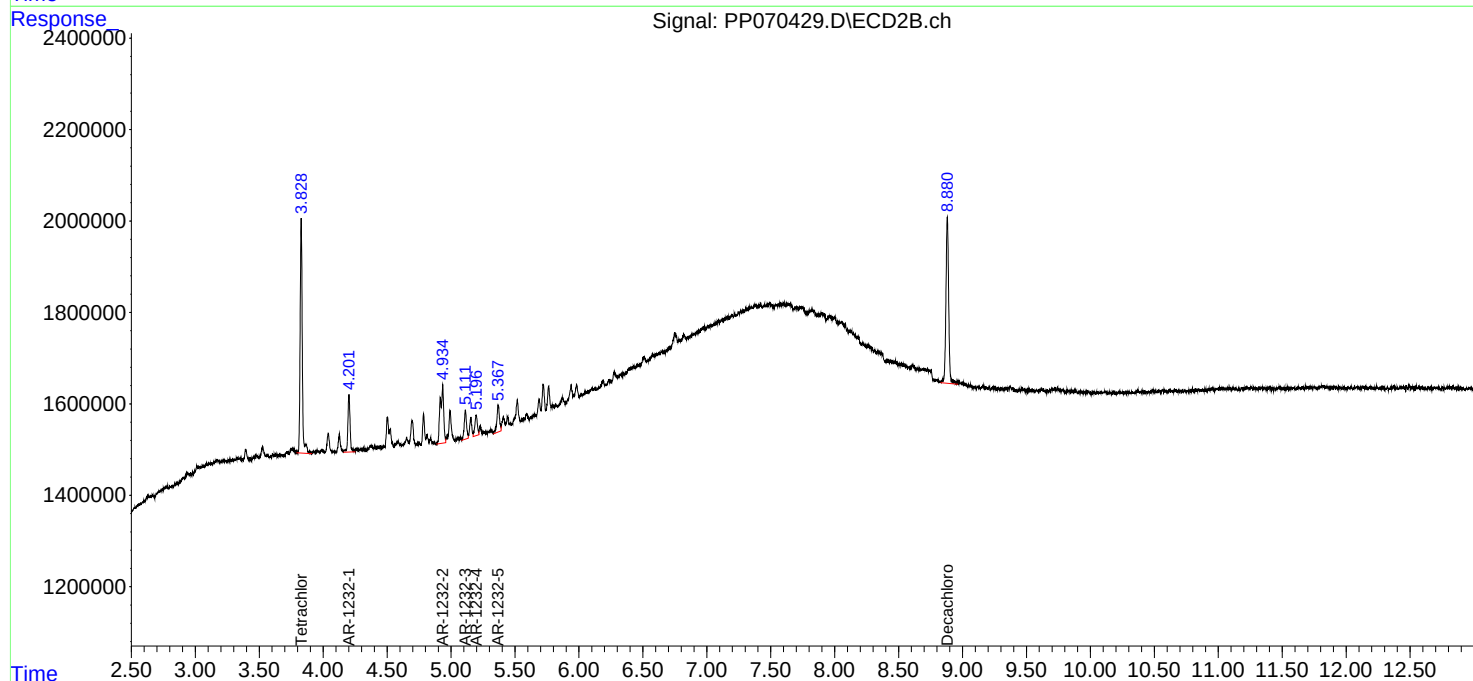
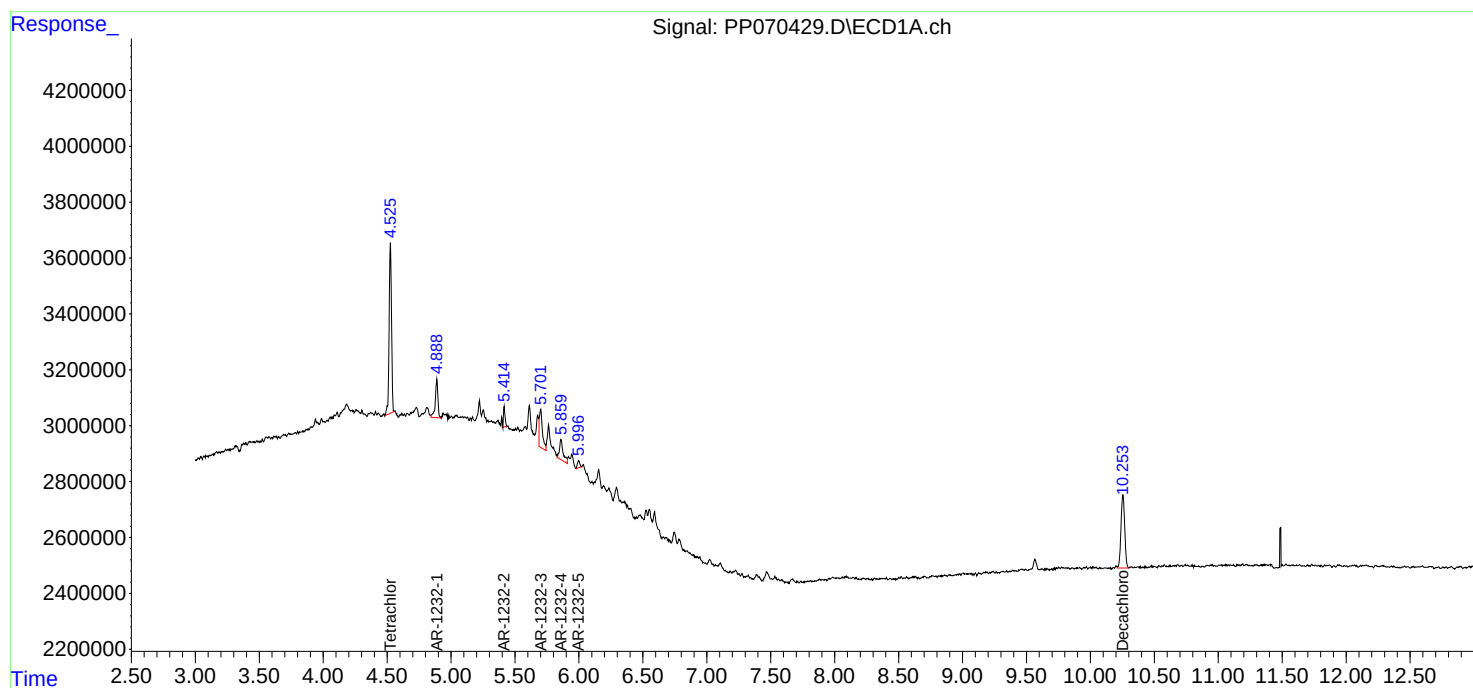
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

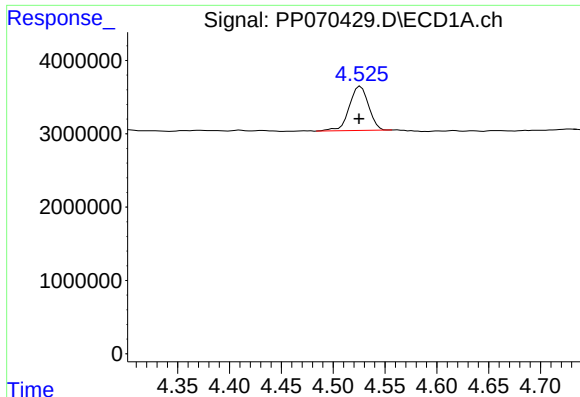
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070429.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 17:56  
Operator : YP\AJ  
Sample : AR1232ICC050  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:00:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 21:58:44 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

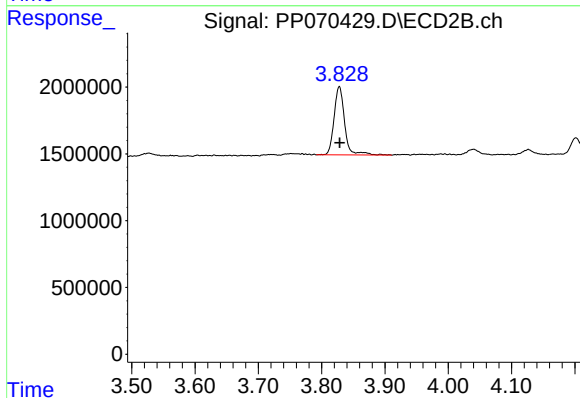




#1 Tetrachloro-m-xylene

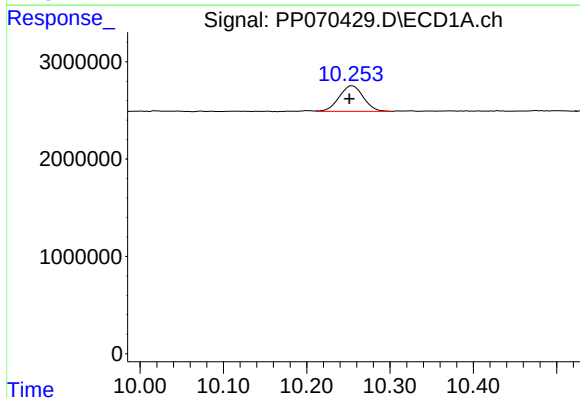
R.T.: 4.526 min  
Delta R.T.: 0.001 min  
Response: 7821901  
Conc: 4.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC050



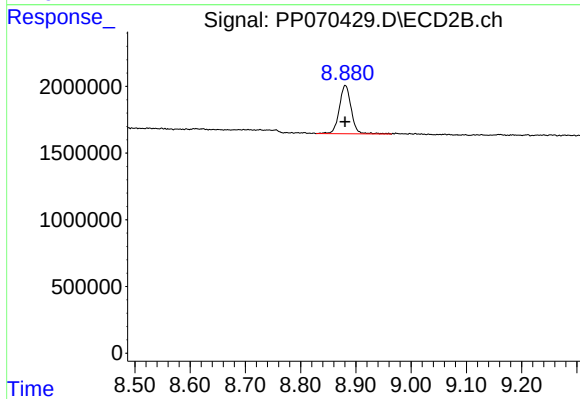
#1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 5940731  
Conc: 5.78 ng/ml



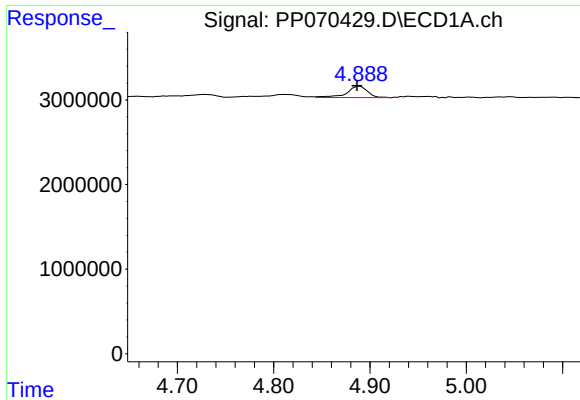
#2 Decachlorobiphenyl

R.T.: 10.255 min  
Delta R.T.: 0.003 min  
Response: 5277277  
Conc: 4.75 ng/ml



#2 Decachlorobiphenyl

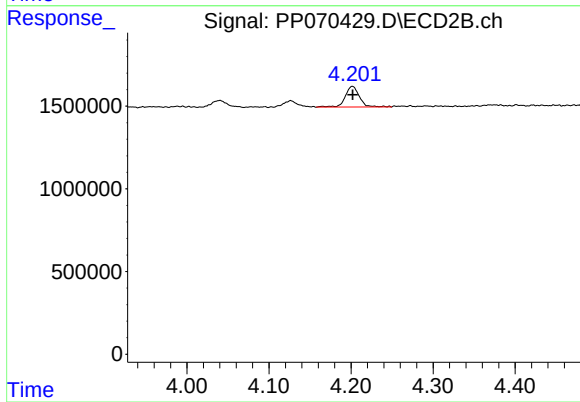
R.T.: 8.881 min  
Delta R.T.: 0.000 min  
Response: 5419163  
Conc: 5.62 ng/ml



#11 AR-1232-1

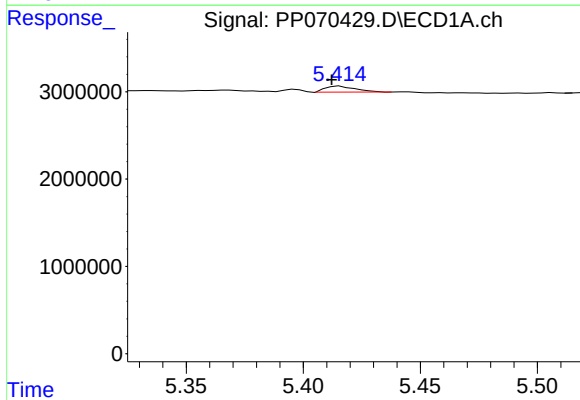
R.T.: 4.889 min  
Delta R.T.: 0.003 min  
Response: 1983848  
Conc: 56.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC050



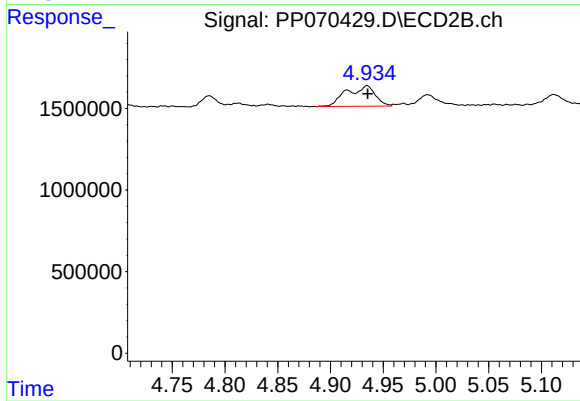
#11 AR-1232-1

R.T.: 4.202 min  
Delta R.T.: 0.000 min  
Response: 1511217  
Conc: 58.40 ng/ml



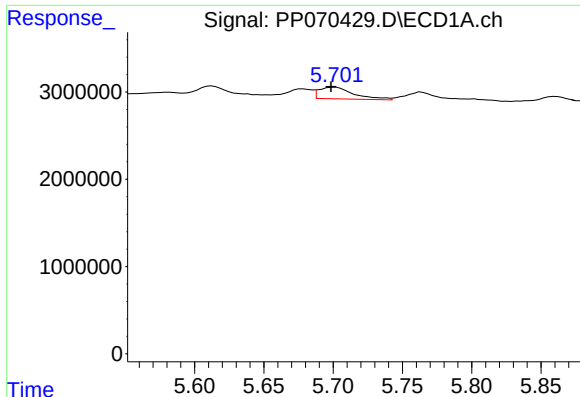
#12 AR-1232-2

R.T.: 5.416 min  
Delta R.T.: 0.004 min  
Response: 615939  
Conc: 34.78 ng/ml



#12 AR-1232-2

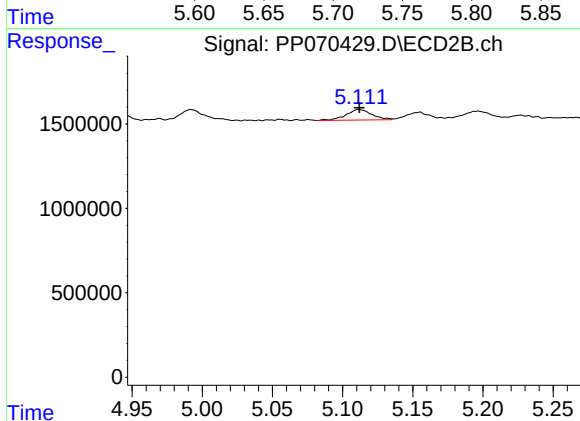
R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 2378041  
Conc: 94.45 ng/ml



#13 AR-1232-3

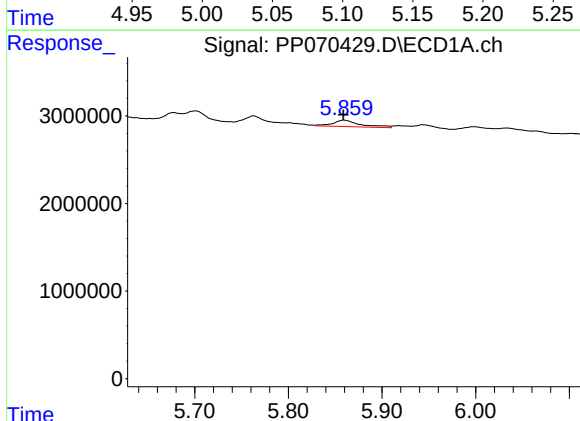
R.T.: 5.702 min  
Delta R.T.: 0.003 min  
Response: 2348348  
Conc: 62.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC050



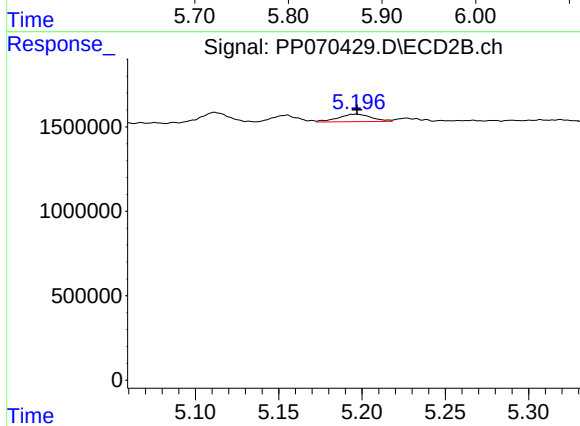
#13 AR-1232-3

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 799405  
Conc: 58.13 ng/ml



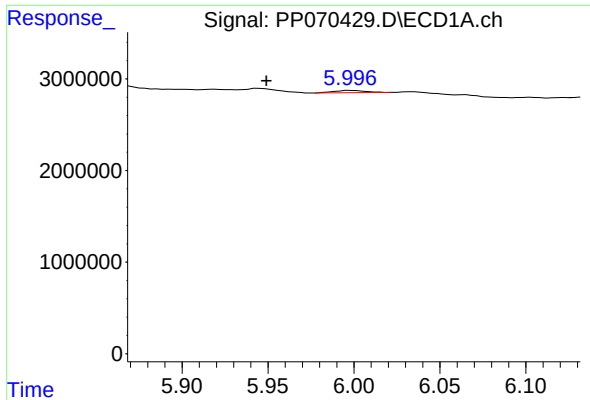
#14 AR-1232-4

R.T.: 5.861 min  
Delta R.T.: 0.002 min  
Response: 1482421  
Conc: 78.51 ng/ml



#14 AR-1232-4

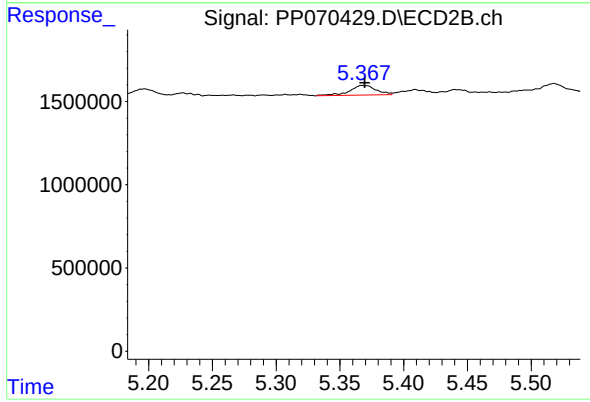
R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 627440  
Conc: 53.73 ng/ml



#15 AR-1232-5

R.T.: 5.998 min  
Delta R.T.: 0.049 min  
Response: 323564  
Conc: 23.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC050



#15 AR-1232-5

R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 845307  
Conc: 64.77 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070434.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 19:17  
 Operator : YP\AJ  
 Sample : AR1242ICC050  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:17:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:15:44 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... | 4.525  | 3.828 | 7892451 | 5217010 | 4.971  | 5.216    |
| 2)                          | SA Decachlor... | 10.251 | 8.880 | 5096068 | 5757436 | 4.638  | 5.652    |
|                             |                 |        |       |         |         |        |          |
| Target Compounds            |                 |        |       |         |         |        |          |
| 16)                         | L4 AR-1242-1    | 5.677  | 4.916 | 3111853 | 1609780 | 71.566 | 53.350 # |
| 17)                         | L4 AR-1242-2    | 5.699  | 4.935 | 3698169 | 2493365 | 59.429 | 59.450   |
| 18)                         | L4 AR-1242-3    | 5.762  | 5.112 | 2131446 | 1256336 | 55.143 | 52.792   |
| 19)                         | L4 AR-1242-4    | 5.859  | 5.196 | 2202945 | 1093177 | 67.673 | 48.870 # |
| 20)                         | L4 AR-1242-5    | 6.589  | 5.721 | 1456532 | 1442093 | 45.501 | 51.243   |
| -----                       |                 |        |       |         |         |        |          |

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

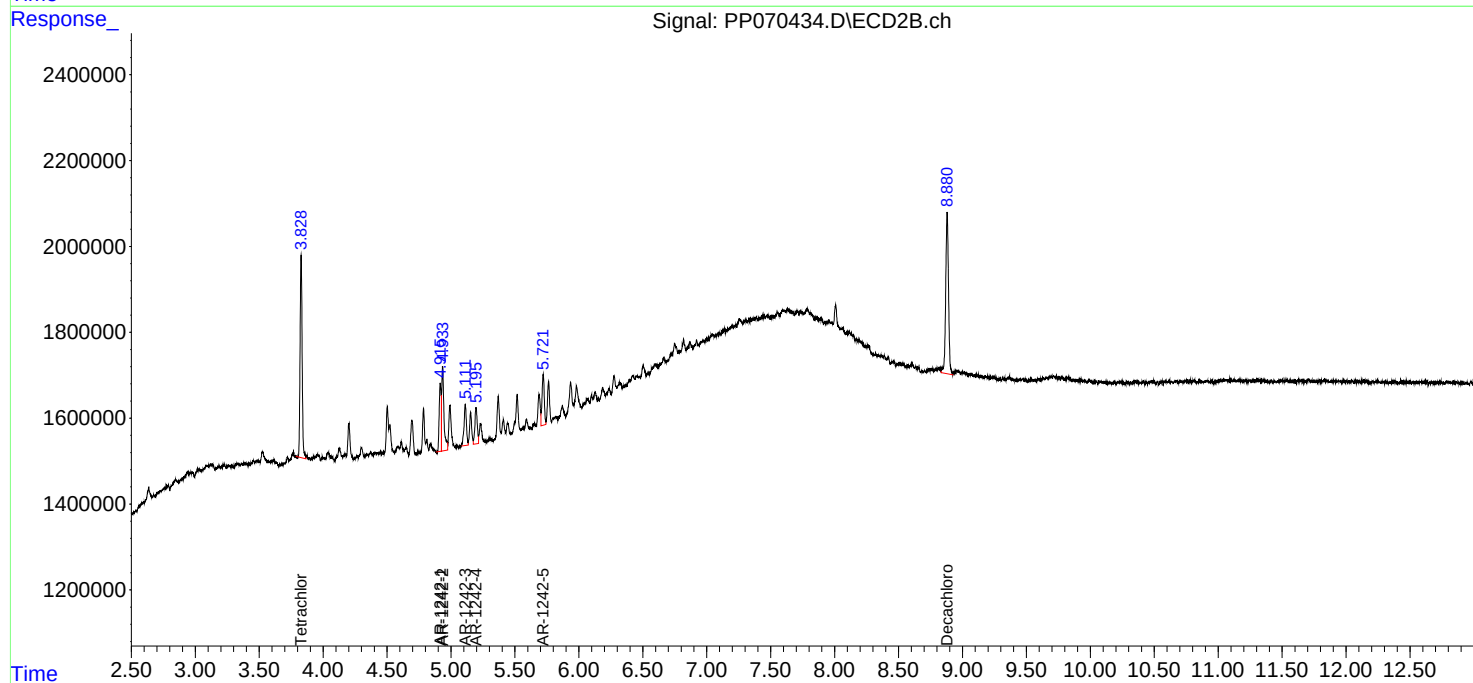
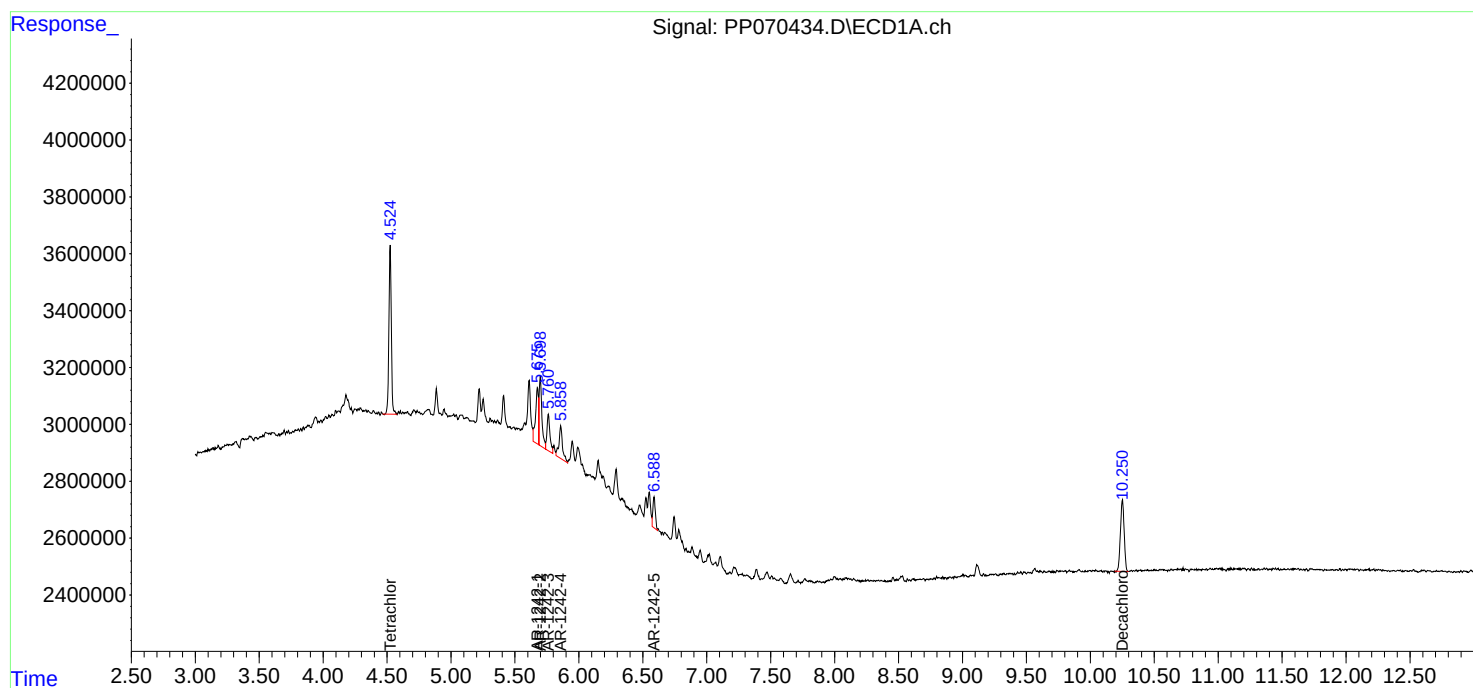


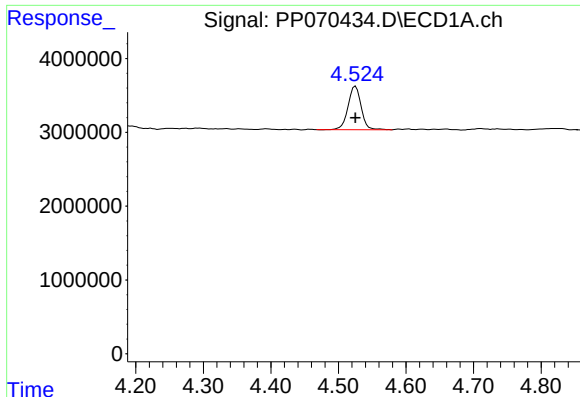
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070434.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 19:17  
Operator : YP\AJ  
Sample : AR1242ICC050  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:17:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:15:44 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

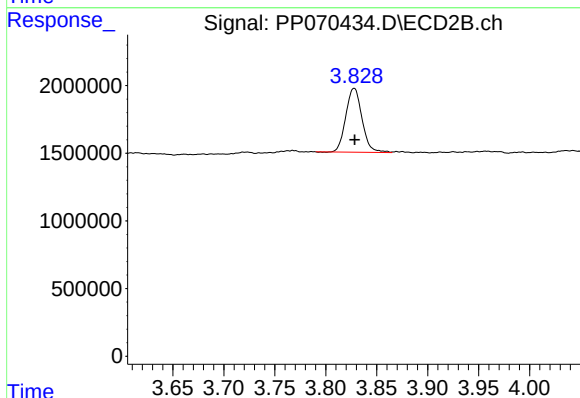




#1 Tetrachloro-m-xylene

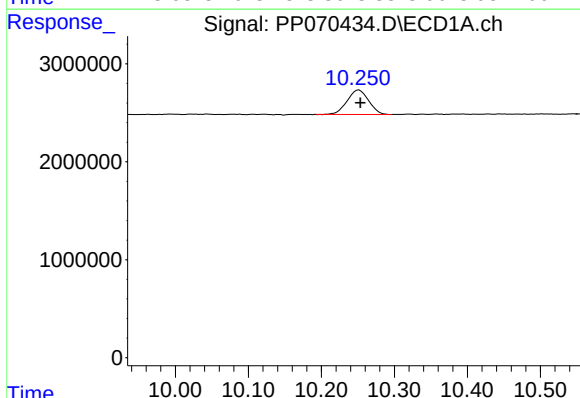
R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 7892451  
Conc: 4.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050



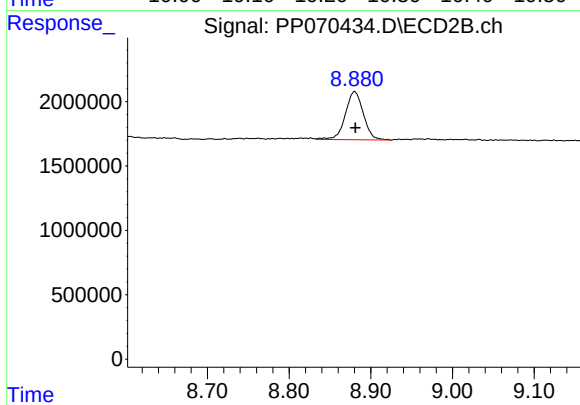
#1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 5217010  
Conc: 5.22 ng/ml



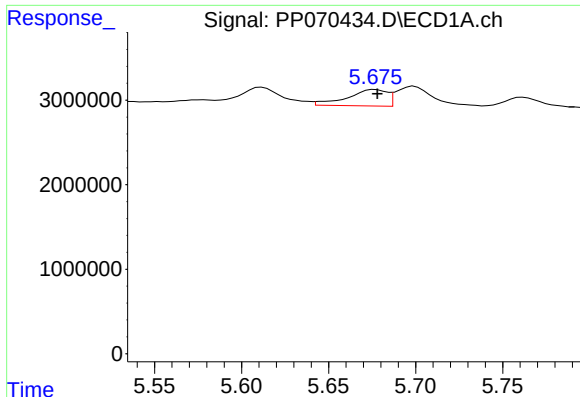
#2 Decachlorobiphenyl

R.T.: 10.251 min  
Delta R.T.: -0.002 min  
Response: 5096068  
Conc: 4.64 ng/ml



#2 Decachlorobiphenyl

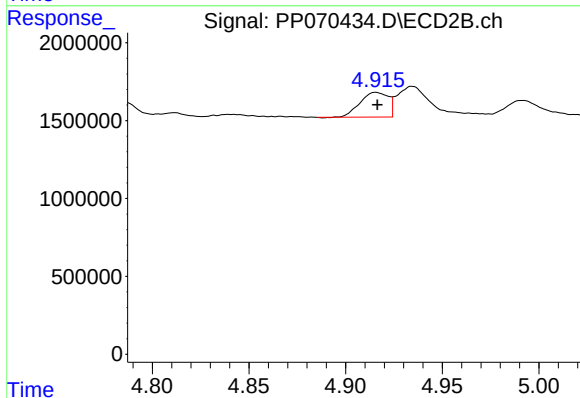
R.T.: 8.880 min  
Delta R.T.: 0.000 min  
Response: 5757436  
Conc: 5.65 ng/ml



#16 AR-1242-1

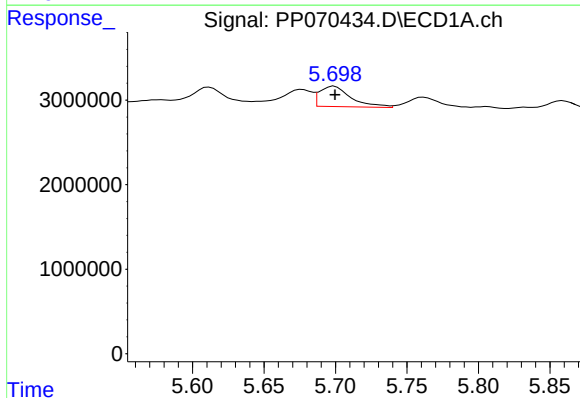
R.T.: 5.677 min  
Delta R.T.: -0.001 min  
Response: 3111853  
Conc: 71.57 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050



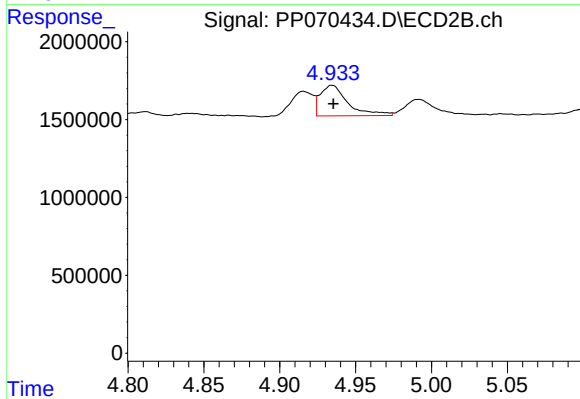
#16 AR-1242-1

R.T.: 4.916 min  
Delta R.T.: 0.000 min  
Response: 1609780  
Conc: 53.35 ng/ml



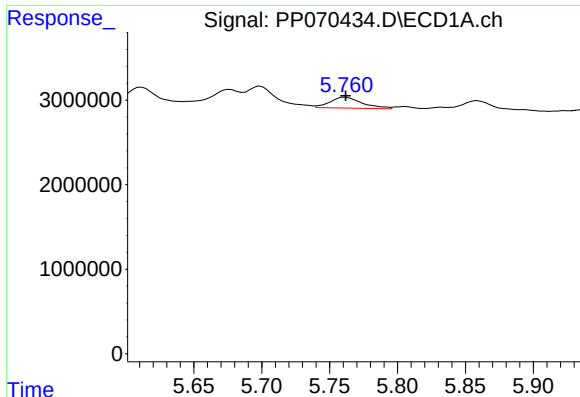
#17 AR-1242-2

R.T.: 5.699 min  
Delta R.T.: 0.000 min  
Response: 3698169  
Conc: 59.43 ng/ml



#17 AR-1242-2

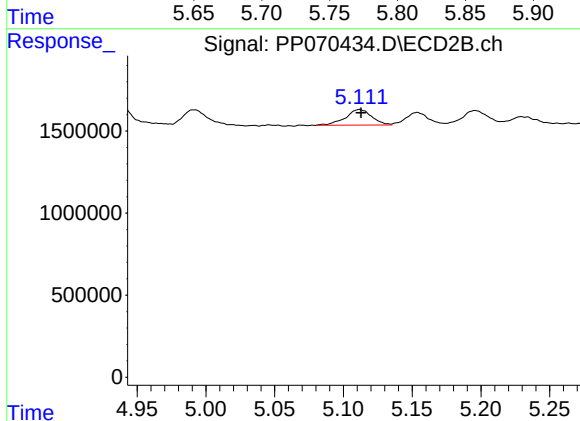
R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 2493365  
Conc: 59.45 ng/ml



#18 AR-1242-3

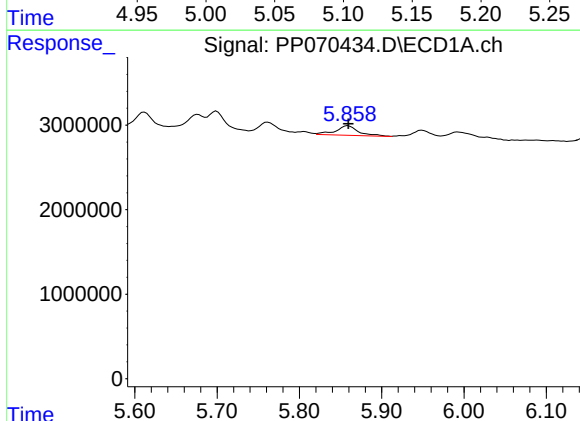
R.T.: 5.762 min  
Delta R.T.: 0.000 min  
Response: 2131446  
Conc: 55.14 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050



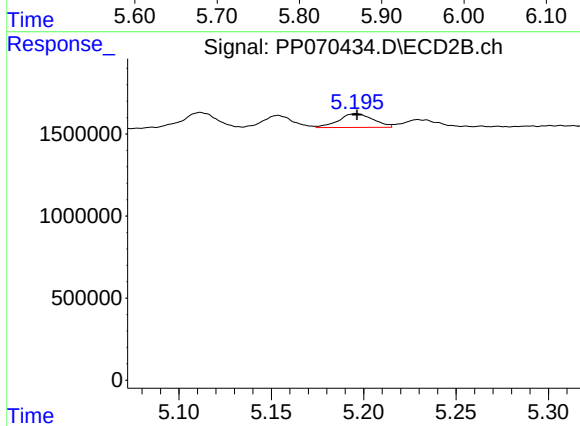
#18 AR-1242-3

R.T.: 5.112 min  
Delta R.T.: -0.001 min  
Response: 1256336  
Conc: 52.79 ng/ml



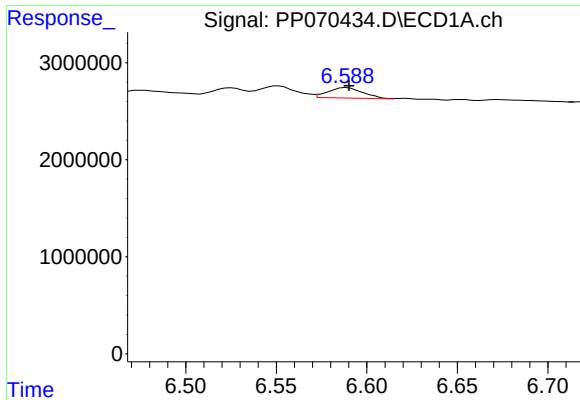
#19 AR-1242-4

R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 2202945  
Conc: 67.67 ng/ml



#19 AR-1242-4

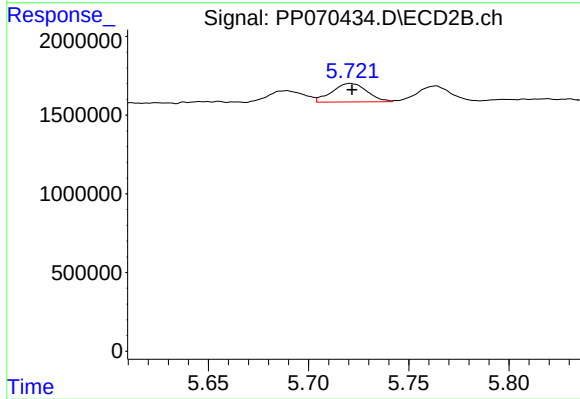
R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 1093177  
Conc: 48.87 ng/ml



#20 AR-1242-5

R.T.: 6.589 min  
Delta R.T.: -0.001 min  
Response: 1456532  
Conc: 45.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050



#20 AR-1242-5

R.T.: 5.721 min  
Delta R.T.: 0.000 min  
Response: 1442093  
Conc: 51.24 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070439.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 20:39  
 Operator : YP\AJ  
 Sample : AR1248ICC050  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:29:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:27:44 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...          | 4.524  | 3.828 | 8186392 | 5340424 | 5.139  | 5.176    |
| 2) SA Decachlor...          | 10.252 | 8.879 | 5222131 | 5077972 | 4.704  | 5.077    |
|                             |        |       |         |         |        |          |
| Target Compounds            |        |       |         |         |        |          |
| 21) L5 AR-1248-1            | 5.676  | 4.916 | 2666582 | 1195056 | 77.581 | 49.509 # |
| 22) L5 AR-1248-2            | 5.948  | 5.154 | 1804417 | 1715212 | 40.942 | 54.271 # |
| 23) L5 AR-1248-3            | 6.152  | 5.195 | 2271691 | 1567360 | 48.055 | 47.561   |
| 24) L5 AR-1248-4            | 6.551  | 5.368 | 3179324 | 2241362 | 55.247 | 58.306   |
| 25) L5 AR-1248-5            | 6.588  | 5.762 | 2749990 | 2082066 | 50.664 | 54.048   |
| -----                       |        |       |         |         |        |          |

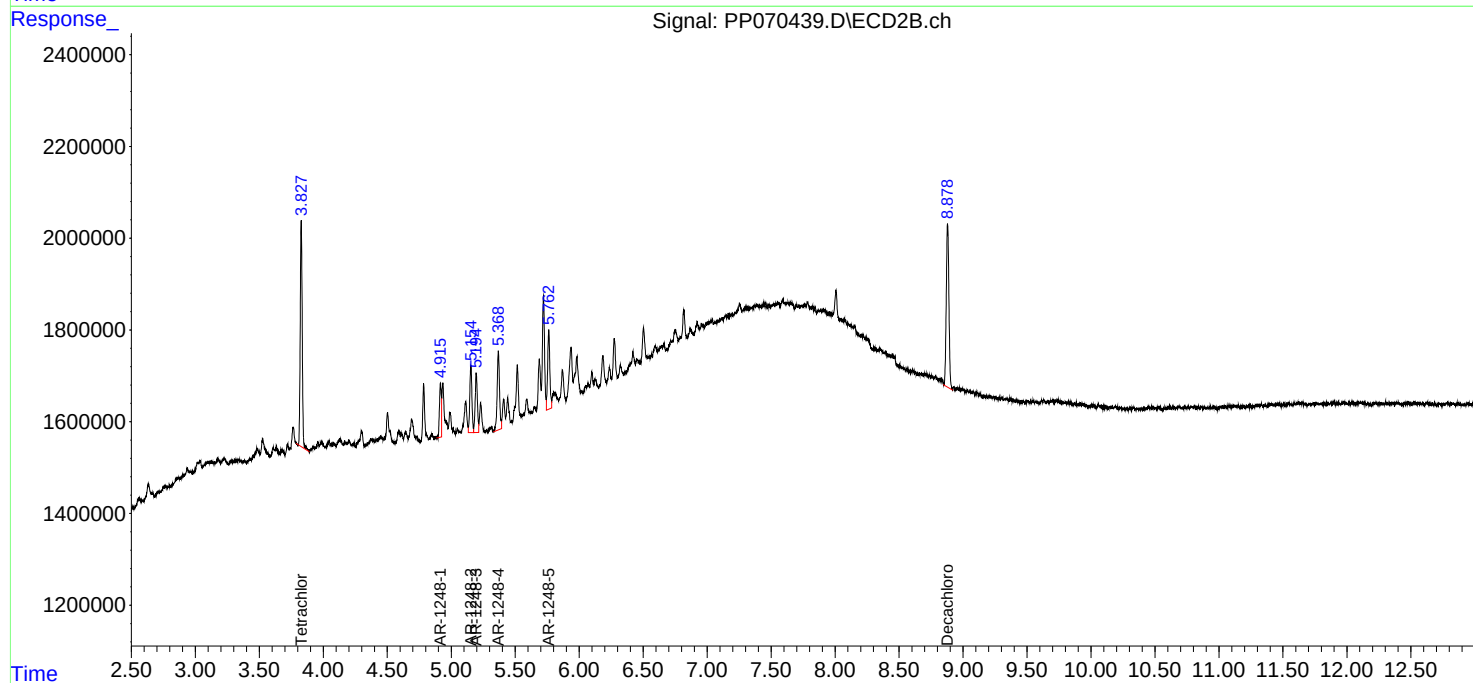
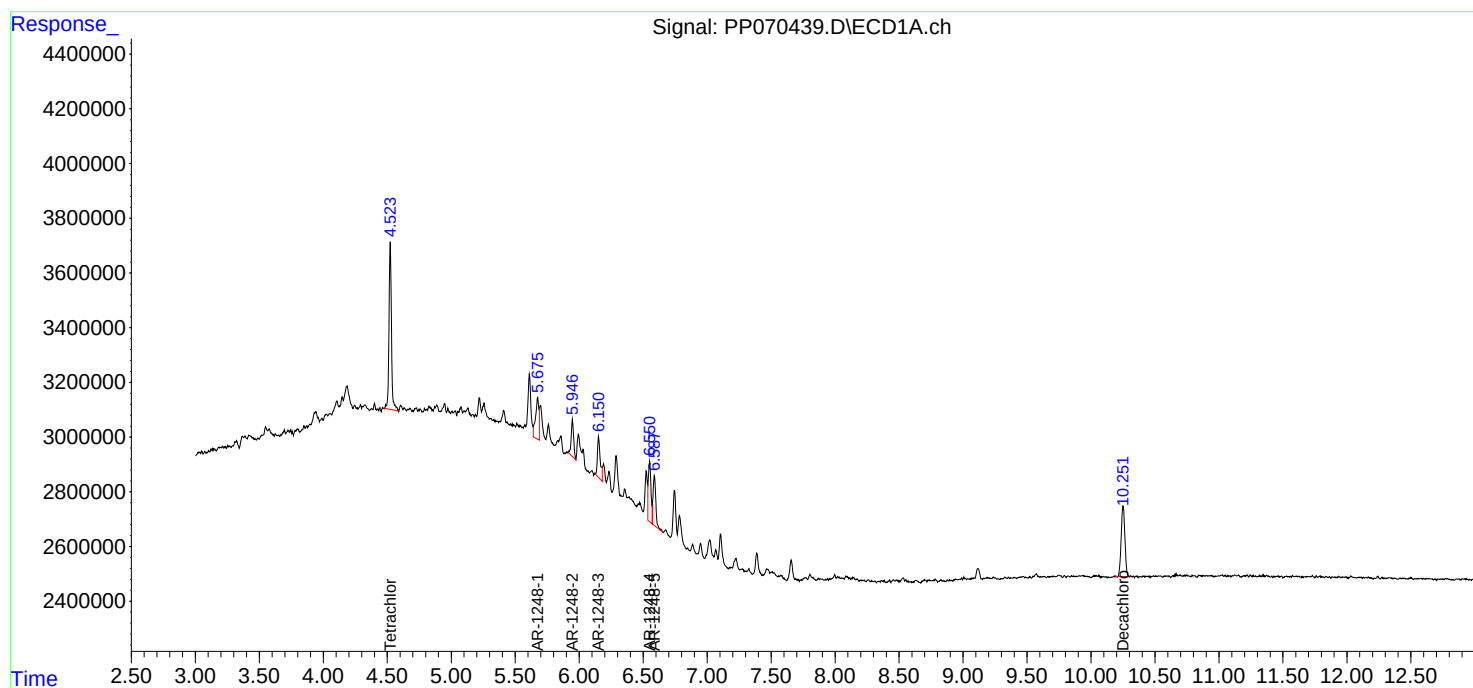
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

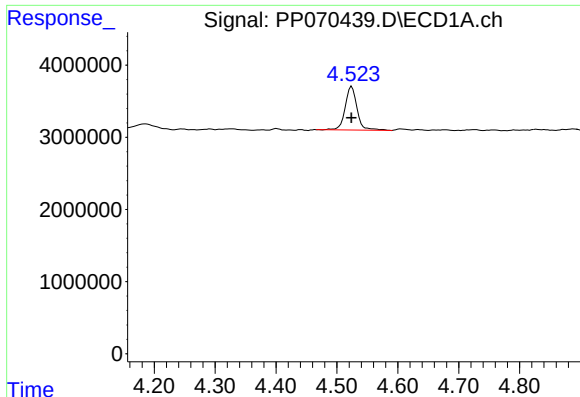
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070439.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 20:39  
Operator : YP\AJ  
Sample : AR1248ICC050  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:29:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:27:44 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

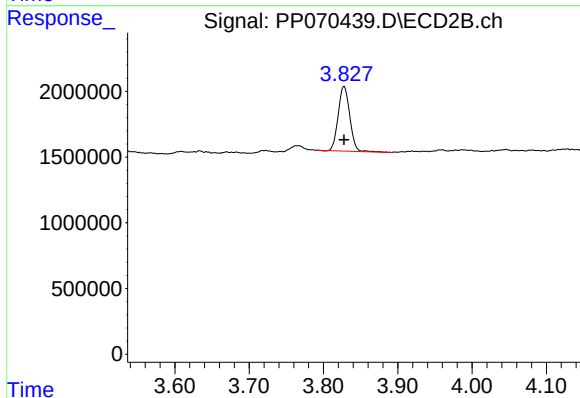




#1 Tetrachloro-m-xylene

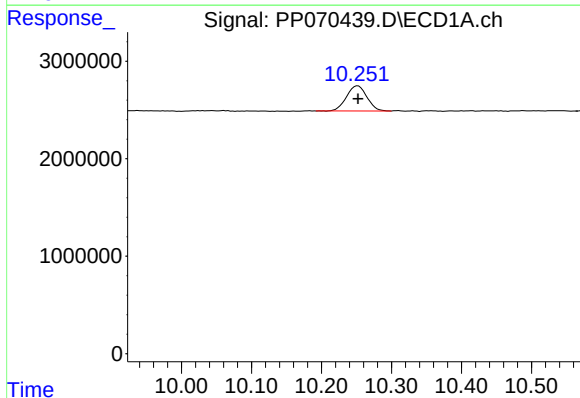
R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 8186392  
Conc: 5.14 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050



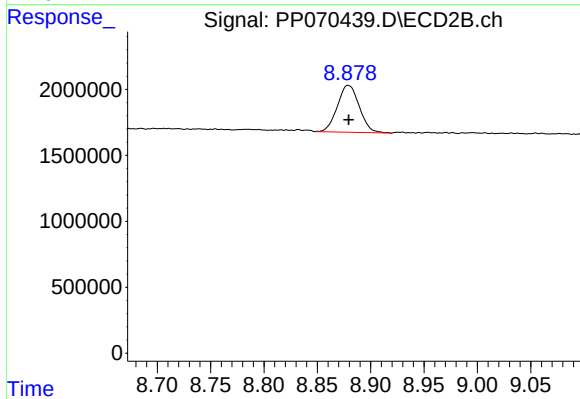
#1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 5340424  
Conc: 5.18 ng/ml



#2 Decachlorobiphenyl

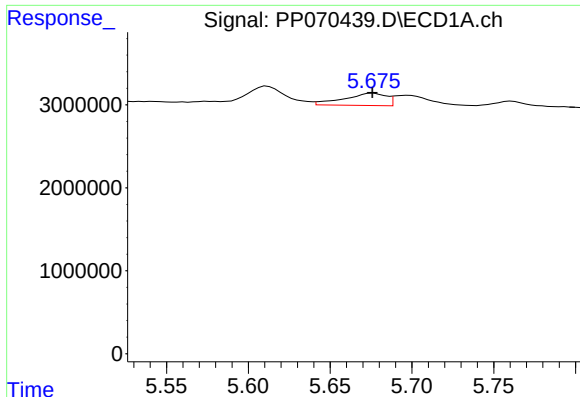
R.T.: 10.252 min  
Delta R.T.: 0.000 min  
Response: 5222131  
Conc: 4.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.879 min  
Delta R.T.: 0.000 min  
Response: 5077972  
Conc: 5.08 ng/ml

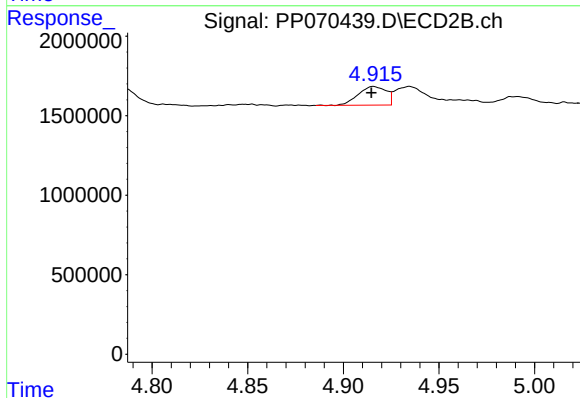




#21 AR-1248-1

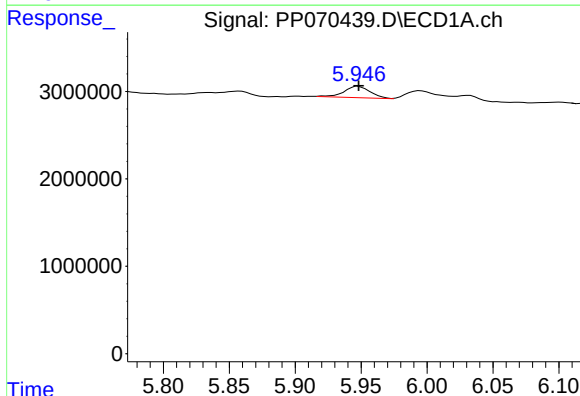
R.T.: 5.676 min  
Delta R.T.: 0.000 min  
Response: 2666582  
Conc: 77.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050



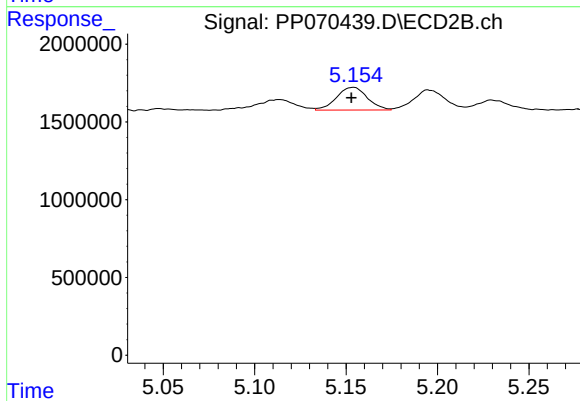
#21 AR-1248-1

R.T.: 4.916 min  
Delta R.T.: 0.001 min  
Response: 1195056  
Conc: 49.51 ng/ml



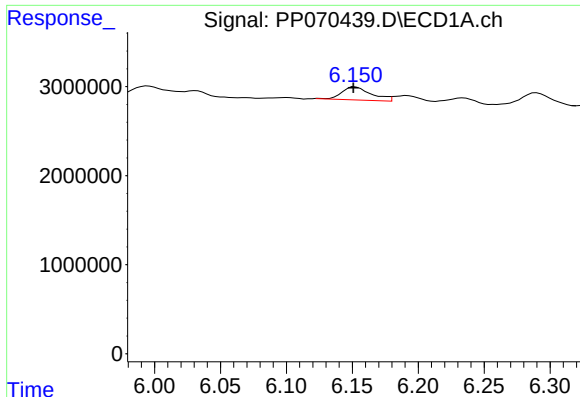
#22 AR-1248-2

R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 1804417  
Conc: 40.94 ng/ml



#22 AR-1248-2

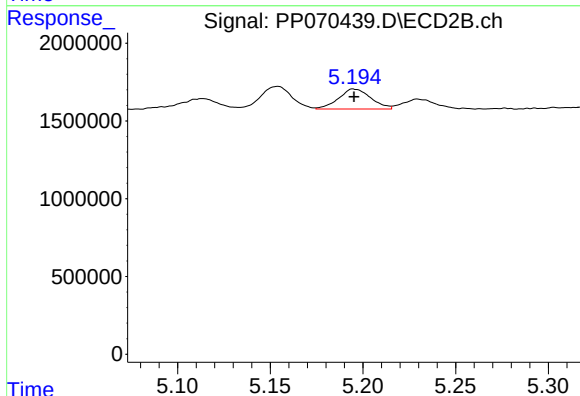
R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 1715212  
Conc: 54.27 ng/ml



#23 AR-1248-3

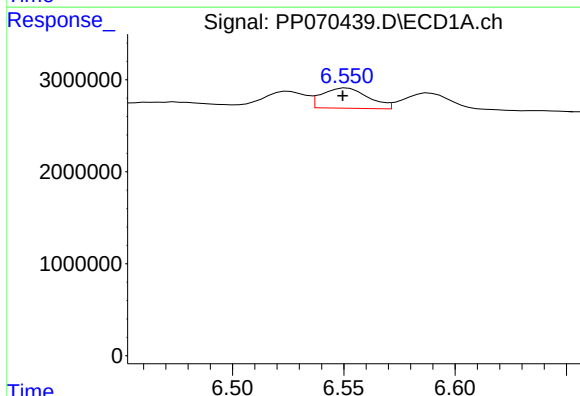
R.T.: 6.152 min  
Delta R.T.: 0.001 min  
Response: 2271691  
Conc: 48.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050



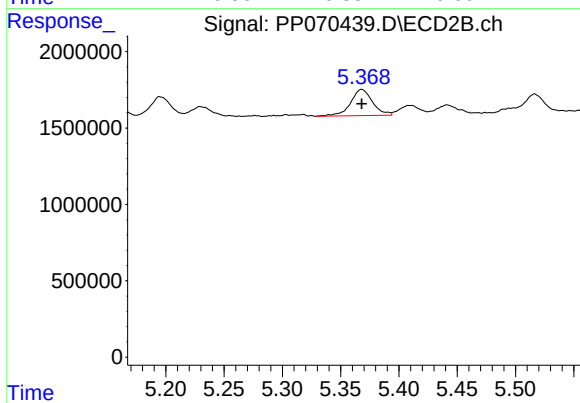
#23 AR-1248-3

R.T.: 5.195 min  
Delta R.T.: 0.000 min  
Response: 1567360  
Conc: 47.56 ng/ml



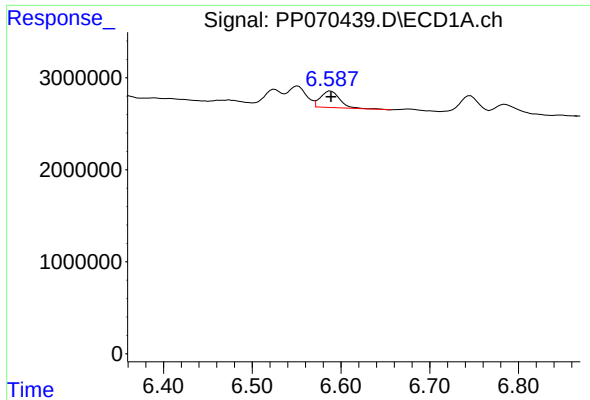
#24 AR-1248-4

R.T.: 6.551 min  
Delta R.T.: 0.002 min  
Response: 3179324  
Conc: 55.25 ng/ml



#24 AR-1248-4

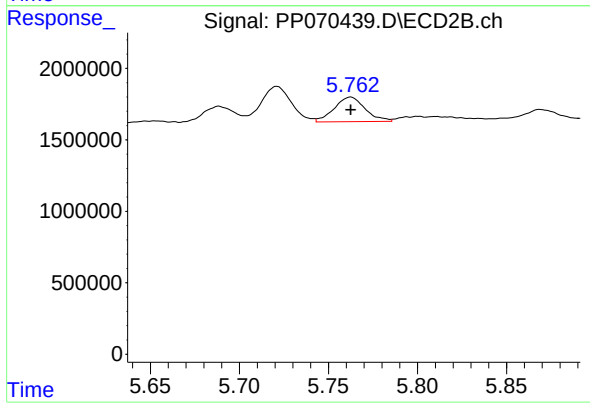
R.T.: 5.368 min  
Delta R.T.: 0.000 min  
Response: 2241362  
Conc: 58.31 ng/ml



#25 AR-1248-5

R.T.: 6.588 min  
Delta R.T.: 0.000 min  
Response: 2749990  
Conc: 50.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050



#25 AR-1248-5

R.T.: 5.762 min  
Delta R.T.: 0.000 min  
Response: 2082066  
Conc: 54.05 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070450.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 23:38  
 Operator : YP\AJ  
 Sample : AR1268ICC050  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 23:57:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 23:28:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.528  | 3.828 | 8554411  | 5571543  | 5.289  | 5.133  |
| 2) SA Decachlor...          | 10.252 | 8.879 | 9326315  | 9031570  | 4.918  | 5.259  |
|                             |        |       |          |          |        |        |
| Target Compounds            |        |       |          |          |        |        |
| 41) L9 AR-1268-1            | 8.745  | 7.744 | 9919952  | 9711593  | 50.063 | 55.456 |
| 42) L9 AR-1268-2            | 8.839  | 7.809 | 8340607  | 8083777  | 48.935 | 55.233 |
| 43) L9 AR-1268-3            | 9.072  | 8.014 | 7178199  | 6321722  | 48.822 | 49.730 |
| 44) L9 AR-1268-4            | 9.491  | 8.309 | 2987981  | 2604541  | 46.032 | 46.758 |
| 45) L9 AR-1268-5            | 9.910  | 8.613 | 21070074 | 17728904 | 50.305 | 47.735 |
| -----                       |        |       |          |          |        |        |

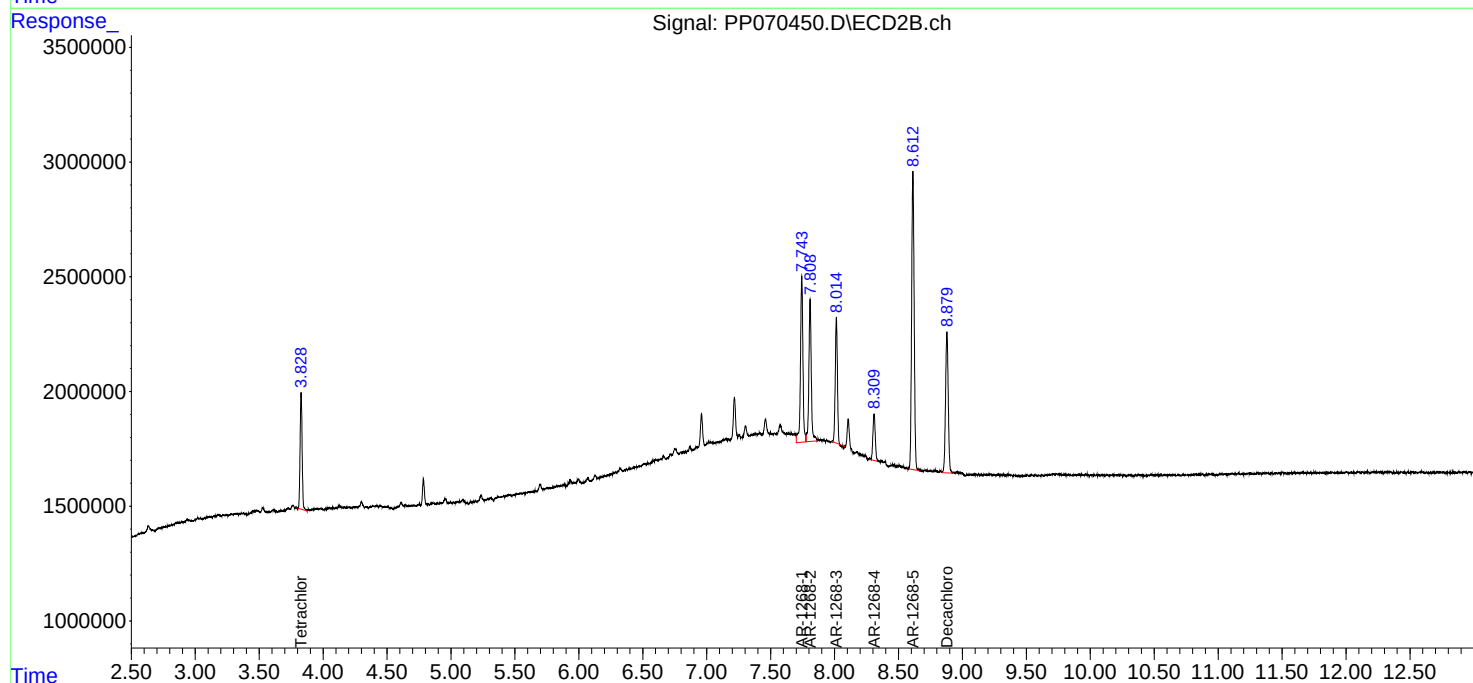
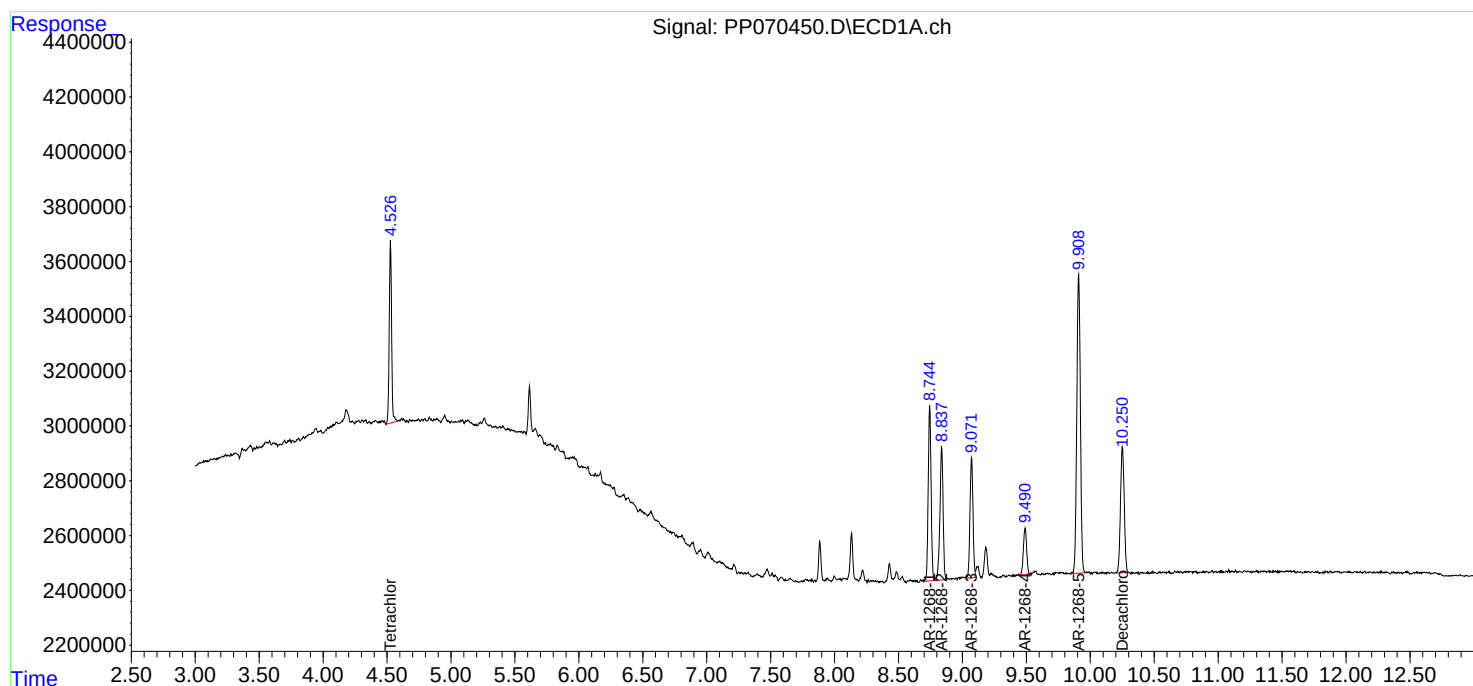
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

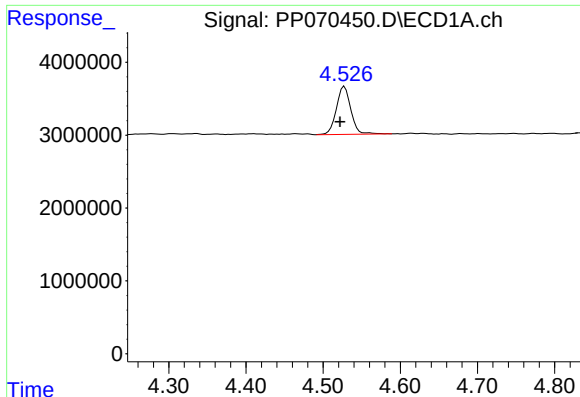
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070450.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 23:38  
Operator : YP\AJ  
Sample : AR1268ICC050  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 23:57:09 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 23:28:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

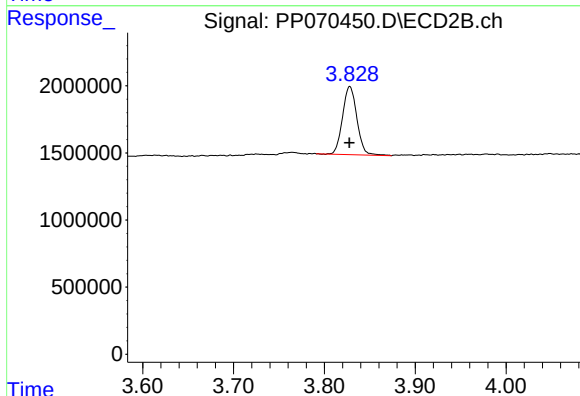




#1 Tetrachloro-m-xylene

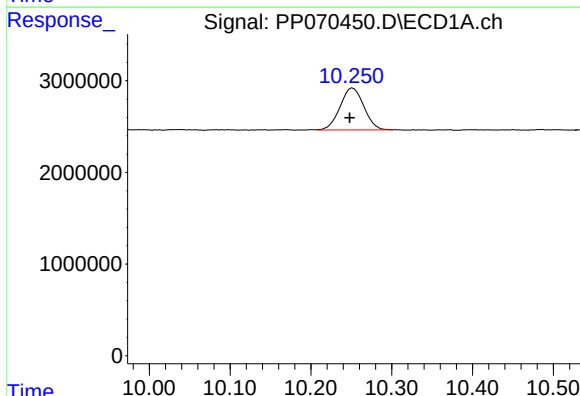
R.T.: 4.528 min  
Delta R.T.: 0.006 min  
Response: 8554411  
Conc: 5.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050



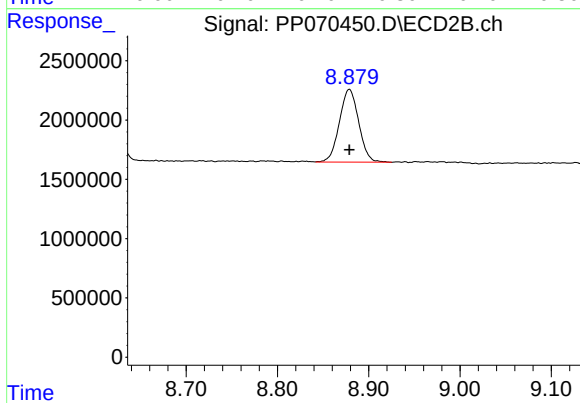
#1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 5571543  
Conc: 5.13 ng/ml



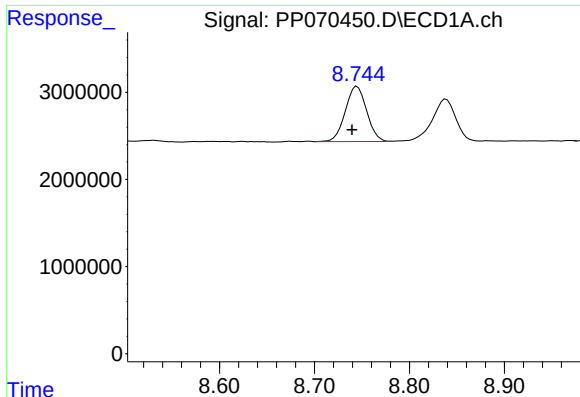
#2 Decachlorobiphenyl

R.T.: 10.252 min  
Delta R.T.: 0.004 min  
Response: 9326315  
Conc: 4.92 ng/ml



#2 Decachlorobiphenyl

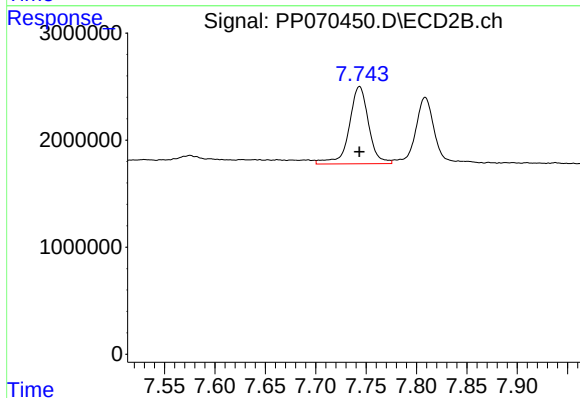
R.T.: 8.879 min  
Delta R.T.: 0.000 min  
Response: 9031570  
Conc: 5.26 ng/ml



#41 AR-1268-1

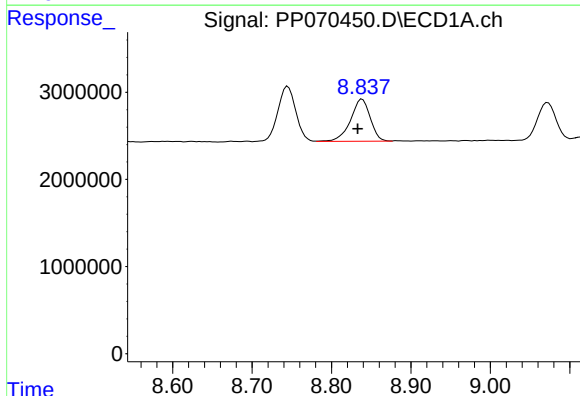
R.T.: 8.745 min  
Delta R.T.: 0.005 min  
Response: 9919952  
Conc: 50.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050



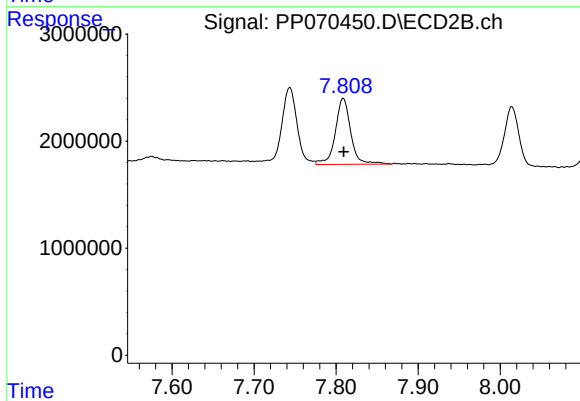
#41 AR-1268-1

R.T.: 7.744 min  
Delta R.T.: 0.000 min  
Response: 9711593  
Conc: 55.46 ng/ml



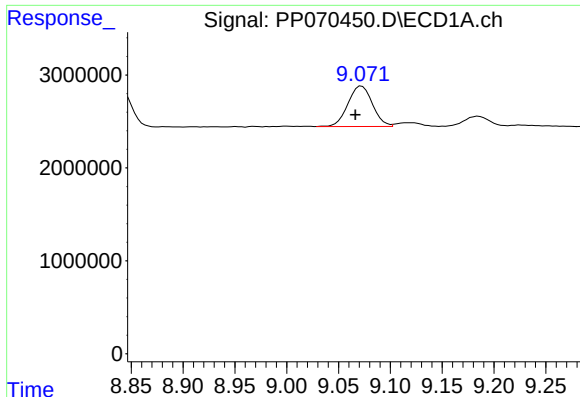
#42 AR-1268-2

R.T.: 8.839 min  
Delta R.T.: 0.005 min  
Response: 8340607  
Conc: 48.93 ng/ml



#42 AR-1268-2

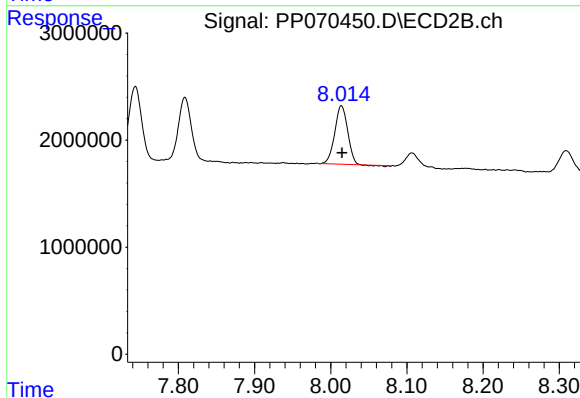
R.T.: 7.809 min  
Delta R.T.: 0.000 min  
Response: 8083777  
Conc: 55.23 ng/ml



#43 AR-1268-3

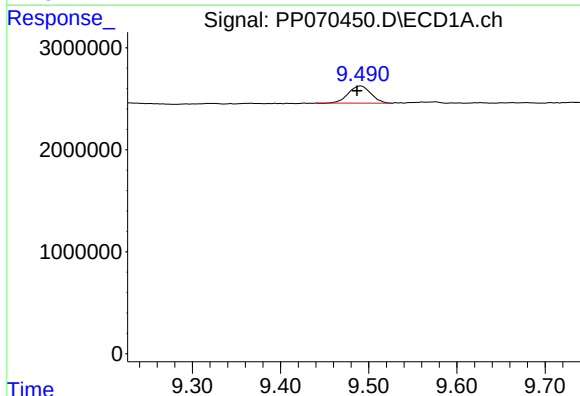
R.T.: 9.072 min  
Delta R.T.: 0.006 min  
Response: 7178199  
Conc: 48.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050



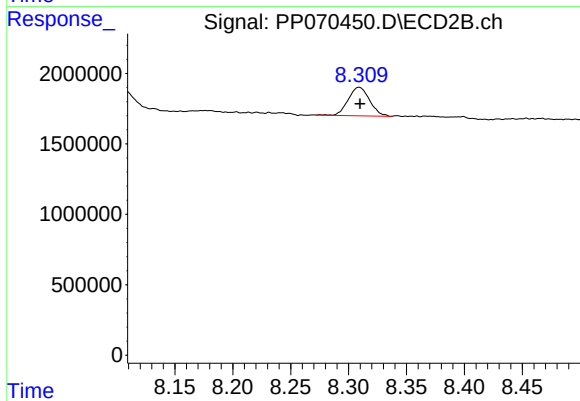
#43 AR-1268-3

R.T.: 8.014 min  
Delta R.T.: 0.000 min  
Response: 6321722  
Conc: 49.73 ng/ml



#44 AR-1268-4

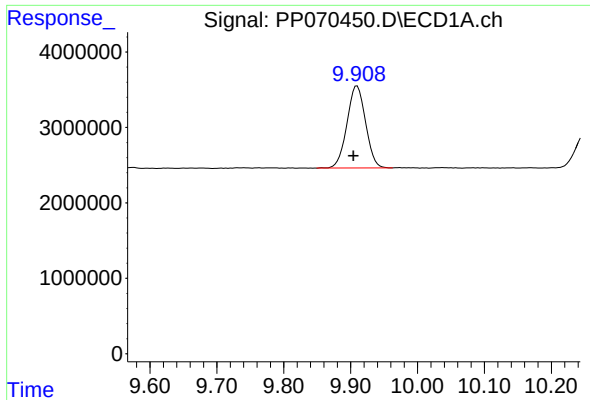
R.T.: 9.491 min  
Delta R.T.: 0.005 min  
Response: 2987981  
Conc: 46.03 ng/ml



#44 AR-1268-4

R.T.: 8.309 min  
Delta R.T.: 0.000 min  
Response: 2604541  
Conc: 46.76 ng/ml

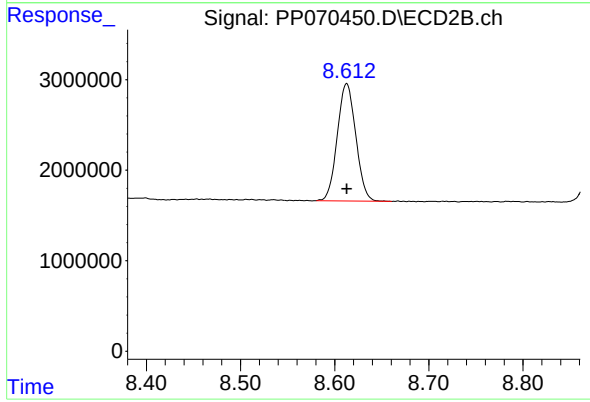




#45 AR-1268-5

R.T.: 9.910 min  
Delta R.T.: 0.005 min  
Response: 21070074  
Conc: 50.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050



#45 AR-1268-5

R.T.: 8.613 min  
Delta R.T.: 0.000 min  
Response: 17728904  
Conc: 47.74 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
 Data File : PP070549.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2025 22:52  
 Operator : YP\AJ  
 Sample : PB167143BS  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB167143BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 01:59:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|-----------|
| -----                       |                 |        |       |          |          |          |           |
| System Monitoring Compounds |                 |        |       |          |          |          |           |
| 1)                          | SA Tetrachlo... | 4.524  | 3.827 | 33205418 | 21721756 | 21.349   | 21.672    |
| 2)                          | SA Decachlor... | 10.242 | 8.872 | 23113123 | 19533518 | 21.757   | 19.966    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 3)                          | L1 AR-1016-1    | 5.675  | 4.913 | 22655811 | 16838908 | 436.939  | 468.365   |
| 4)                          | L1 AR-1016-2    | 5.697  | 4.932 | 33659019 | 23292035 | 470.461  | 448.211   |
| 5)                          | L1 AR-1016-3    | 5.759  | 5.109 | 20019488 | 13110139 | 439.622  | 460.758   |
| 6)                          | L1 AR-1016-4    | 5.856  | 5.150 | 16488008 | 10187202 | 422.360  | 454.991   |
| 7)                          | L1 AR-1016-5    | 6.149  | 5.366 | 14814899 | 13366592 | 427.904  | 449.768   |
| 8)                          | L2 AR-1221-1    | 4.721  | 4.036 | 2449468  | 1781180  | 122.842  | 119.683   |
| 9)                          | L2 AR-1221-2    | 4.810  | 4.124 | 2845489  | 2347413  | 194.781  | 205.389   |
| 10)                         | L2 AR-1221-3    | 4.886  | 4.200 | 12028950 | 9453906  | 271.138  | 282.867   |
| 11)                         | L3 AR-1232-1    | 4.886  | 4.200 | 12028950 | 9453906  | 338.296  | 359.331   |
| 12)                         | L3 AR-1232-2    | 5.411  | 4.932 | 16355664 | 23292035 | 969.619  | 902.369   |
| 13)                         | L3 AR-1232-3    | 5.697  | 5.109 | 33659019 | 13110139 | 920.407  | 935.841   |
| 14)                         | L3 AR-1232-4    | 5.856  | 5.193 | 16488008 | 12468854 | 868.050  | 1064.599  |
| 15)                         | L3 AR-1232-5    | 5.947  | 5.366 | 13538063 | 13366592 | 1041.011 | 1022.849  |
| 16)                         | L4 AR-1242-1    | 5.675  | 4.913 | 22655811 | 16838908 | 509.709  | 550.086   |
| 17)                         | L4 AR-1242-2    | 5.697  | 4.932 | 33659019 | 23292035 | 548.364  | 534.251   |
| 18)                         | L4 AR-1242-3    | 5.759  | 5.109 | 20019488 | 13110139 | 539.591  | 550.099   |
| 19)                         | L4 AR-1242-4    | 5.856  | 5.193 | 16488008 | 12468854 | 513.116  | 565.673   |
| 20)                         | L4 AR-1242-5    | 6.587  | 5.718 | 2660905  | 10677815 | 85.704   | 382.428 # |
| 21)                         | L5 AR-1248-1    | 5.675  | 4.913 | 22655811 | 16838908 | 663.305  | 717.296   |
| 22)                         | L5 AR-1248-2    | 5.947  | 5.150 | 13538063 | 10187202 | 318.938  | 325.434   |
| 23)                         | L5 AR-1248-3    | 6.149  | 5.193 | 14814899 | 12468854 | 321.026  | 393.072   |
| 24)                         | L5 AR-1248-4    | 6.524  | 5.366 | 14719307 | 13366592 | 253.819  | 342.969 # |
| 25)                         | L5 AR-1248-5    | 6.587  | 5.758 | 2660905  | 1830216  | 49.563   | 48.054    |
| 26)                         | L6 AR-1254-1    | 6.524  | 5.718 | 14719307 | 10677815 | 257.062  | 189.582 # |
| 27)                         | L6 AR-1254-2    | 6.740  | 5.866 | 13440373 | 10228749 | 165.824  | 209.149 # |
| 28)                         | L6 AR-1254-3    | 7.104  | 6.286 | 6975798  | 21652997 | 82.876   | 287.107 # |
| 29)                         | L6 AR-1254-4    | 7.386  | 6.499 | 4867289  | 2162060  | 69.397   | 40.985 #  |
| 30)                         | L6 AR-1254-5    | 7.801  | 6.916 | 46556226 | 32206229 | 666.448  | 466.388 # |
| 31)                         | L7 AR-1260-1    | 7.268  | 6.402 | 28474787 | 23132691 | 484.775  | 464.658   |
| 32)                         | L7 AR-1260-2    | 7.522  | 6.590 | 38514455 | 30113094 | 469.442  | 455.655   |
| 33)                         | L7 AR-1260-3    | 7.880  | 6.743 | 26305571 | 26221520 | 400.038  | 458.439   |
| 34)                         | L7 AR-1260-4    | 8.104  | 7.215 | 31889601 | 19782442 | 488.036  | 386.651   |
| 35)                         | L7 AR-1260-5    | 8.424  | 7.456 | 56522478 | 50192203 | 413.546  | 389.736   |
| 36)                         | L8 AR-1262-1    | 8.104  | 6.955 | 31889601 | 23500955 | 390.237  | 280.897 # |
| 37)                         | L8 AR-1262-2    | 8.424  | 7.215 | 56522478 | 19782442 | 343.156  | 287.829   |
| 38)                         | L8 AR-1262-3    | 8.749  | 7.738 | 35224685 | 11480376 | 314.045  | 173.981 # |
| 39)                         | L8 AR-1262-4    | 8.814  | 7.801 | 19366913 | 34979973 | 231.098  | 334.944 # |
| 40)                         | L8 AR-1262-5    | 9.483  | 8.304 | 13427188 | 10966501 | 227.980  | 212.735   |
| 41)                         | L9 AR-1268-1    | 8.749  | 7.738 | 35224685 | 11480376 | 177.723  | 65.575 #  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070549.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2025 22:52  
Operator : YP\AJ  
Sample : PB167143BS  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 01:59:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

|        | Compound  | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|--------|-----------|-------|-------|----------|----------|---------|-----------|
| 42) L9 | AR-1268-2 | 8.814 | 7.801 | 19366913 | 34979973 | 114.113 | 239.492 # |
| 43) L9 | AR-1268-3 | 9.064 | 8.010 | 1002684  | 893245   | 6.852   | 6.961     |
| 44) L9 | AR-1268-4 | 9.483 | 8.304 | 13427188 | 10966501 | 210.190 | 199.462   |
| 45) L9 | AR-1268-5 | 9.901 | 8.607 | 4300495  | 3544723  | 10.255  | 9.631     |

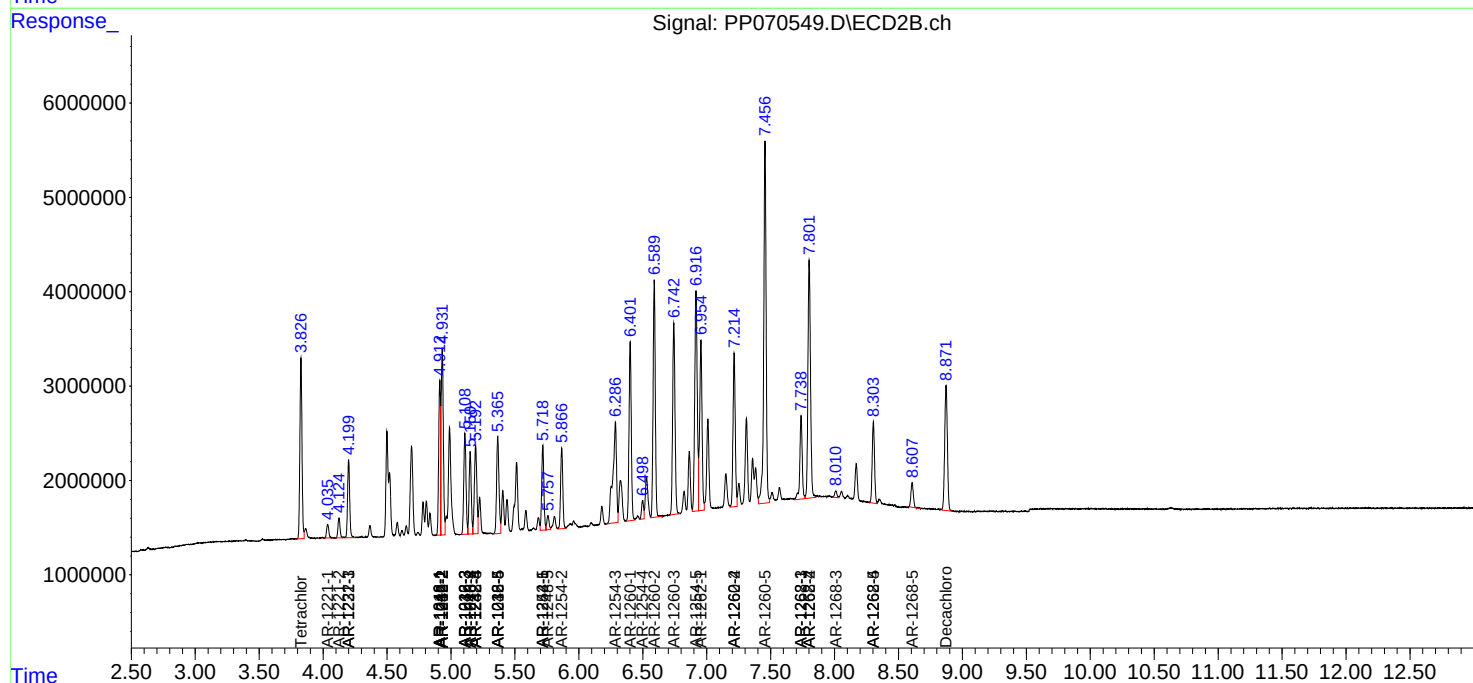
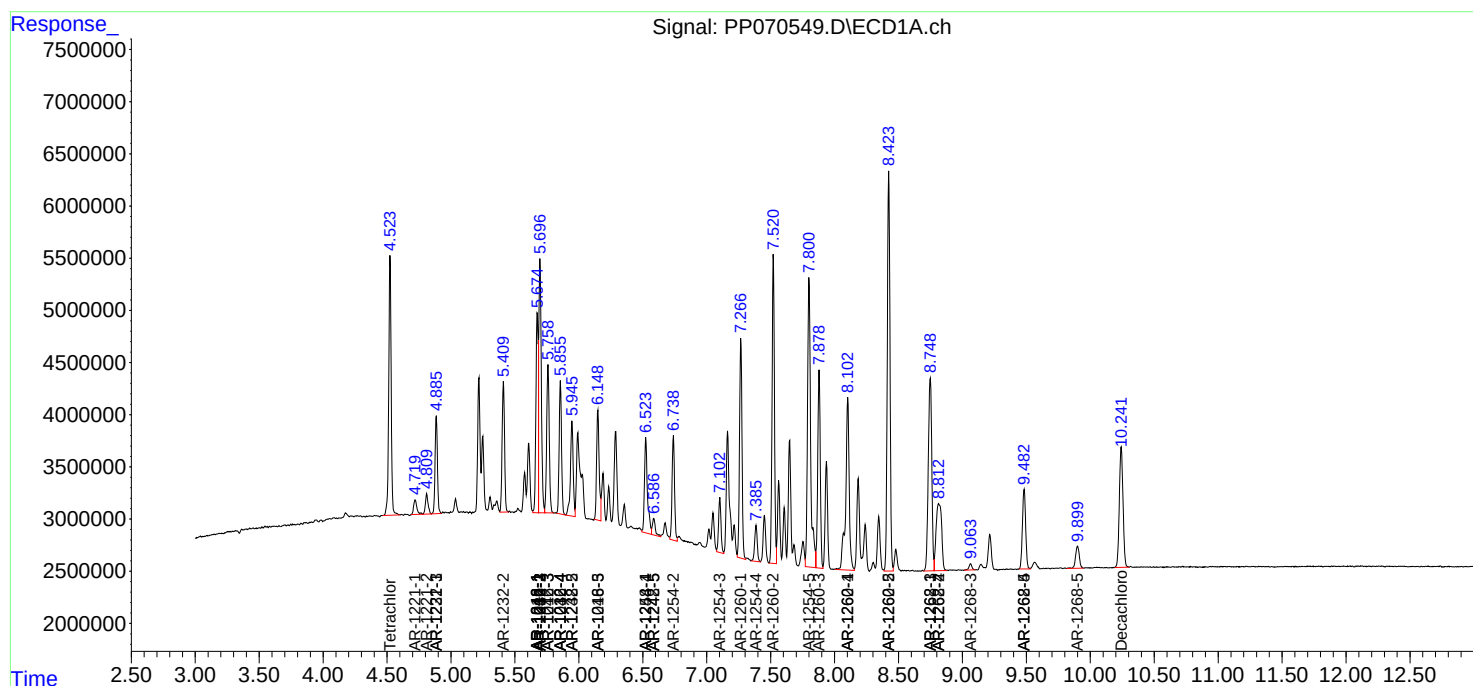
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

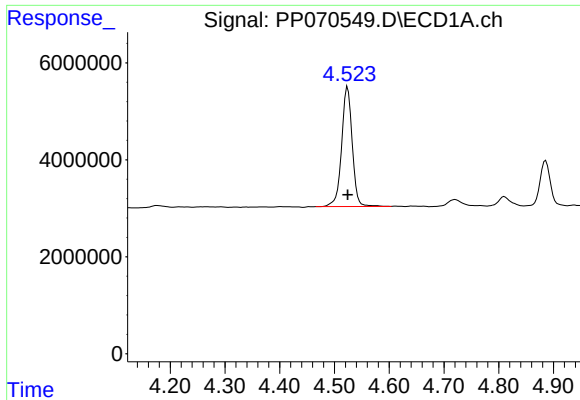
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070549.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2025 22:52  
Operator : YP\AJ  
Sample : PB167143BS  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 01:59:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

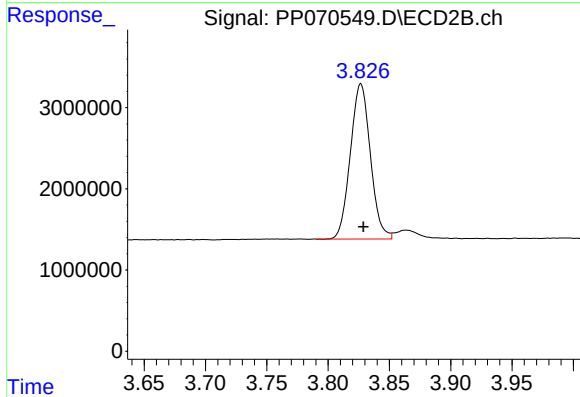




#1 Tetrachloro-m-xylene

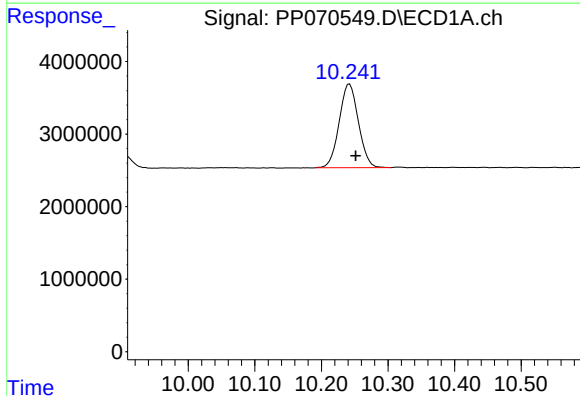
R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 33205418  
Conc: 21.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



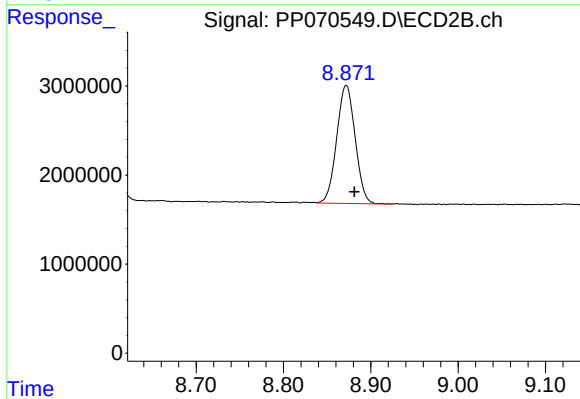
#1 Tetrachloro-m-xylene

R.T.: 3.827 min  
Delta R.T.: -0.002 min  
Response: 21721756  
Conc: 21.67 ng/ml



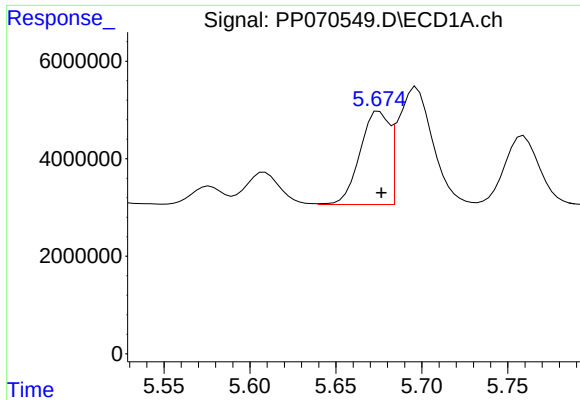
#2 Decachlorobiphenyl

R.T.: 10.242 min  
Delta R.T.: -0.009 min  
Response: 23113123  
Conc: 21.76 ng/ml



#2 Decachlorobiphenyl

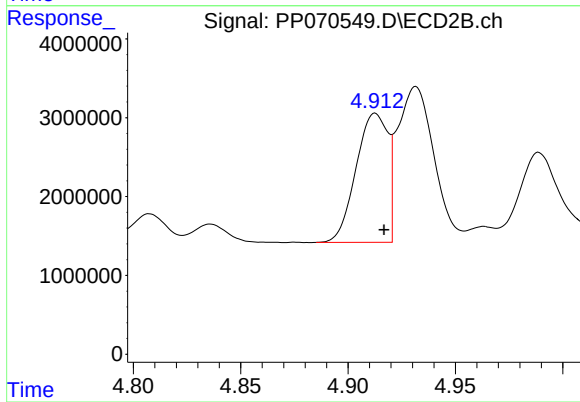
R.T.: 8.872 min  
Delta R.T.: -0.009 min  
Response: 19533518  
Conc: 19.97 ng/ml



#3 AR-1016-1

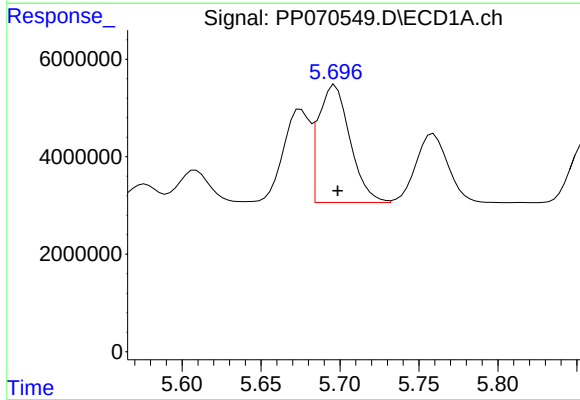
R.T.: 5.675 min  
Delta R.T.: -0.001 min  
Response: 22655811  
Conc: 436.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



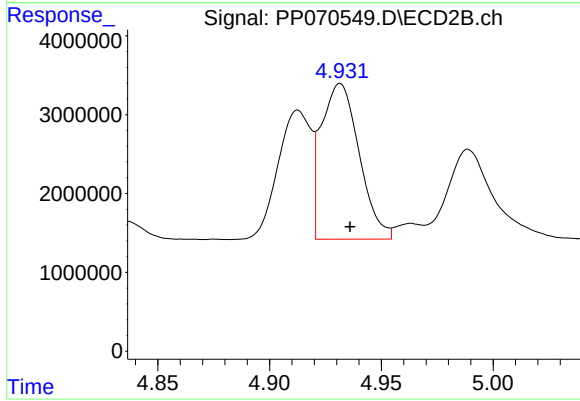
#3 AR-1016-1

R.T.: 4.913 min  
Delta R.T.: -0.004 min  
Response: 16838908  
Conc: 468.36 ng/ml



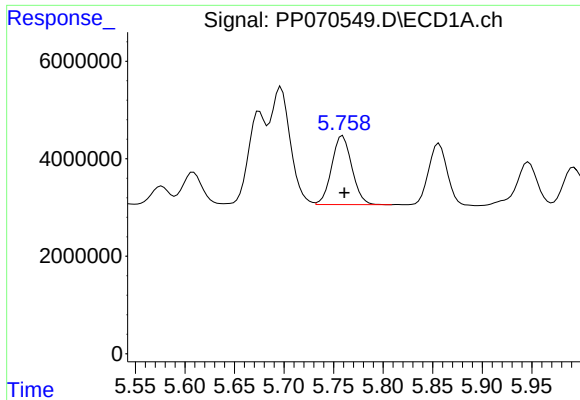
#4 AR-1016-2

R.T.: 5.697 min  
Delta R.T.: -0.002 min  
Response: 33659019  
Conc: 470.46 ng/ml



#4 AR-1016-2

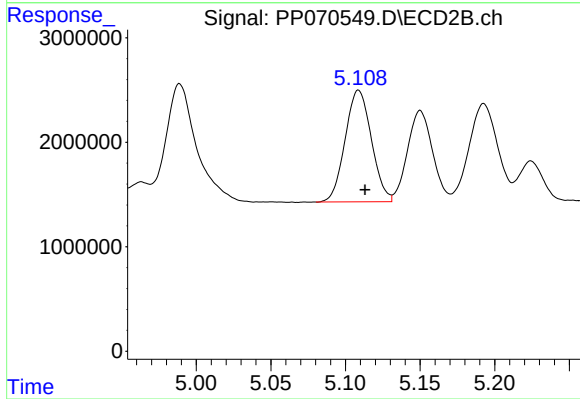
R.T.: 4.932 min  
Delta R.T.: -0.004 min  
Response: 23292035  
Conc: 448.21 ng/ml



#5 AR-1016-3

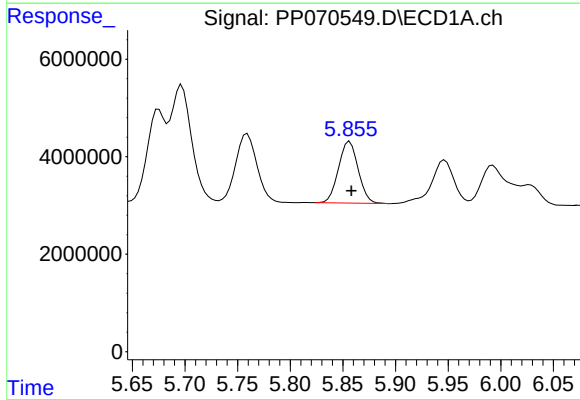
R.T.: 5.759 min  
Delta R.T.: -0.002 min  
Response: 20019488  
Conc: 439.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



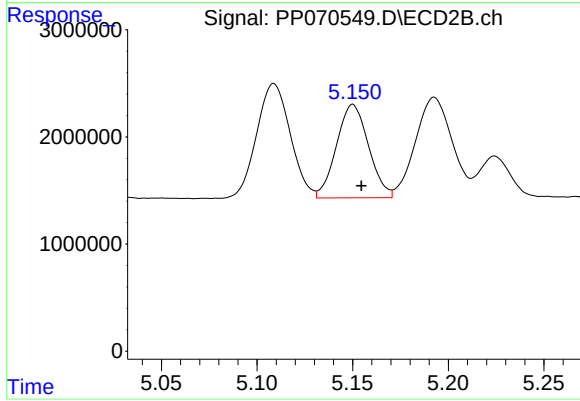
#5 AR-1016-3

R.T.: 5.109 min  
Delta R.T.: -0.004 min  
Response: 13110139  
Conc: 460.76 ng/ml



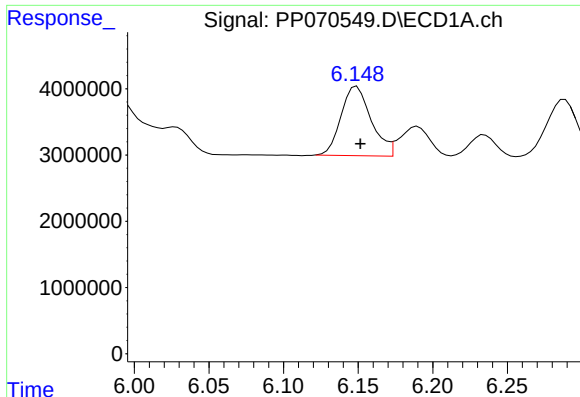
#6 AR-1016-4

R.T.: 5.856 min  
Delta R.T.: -0.002 min  
Response: 16488008  
Conc: 422.36 ng/ml



#6 AR-1016-4

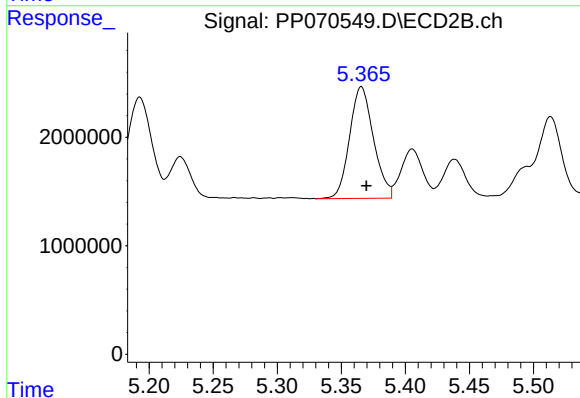
R.T.: 5.150 min  
Delta R.T.: -0.004 min  
Response: 10187202  
Conc: 454.99 ng/ml



#7 AR-1016-5

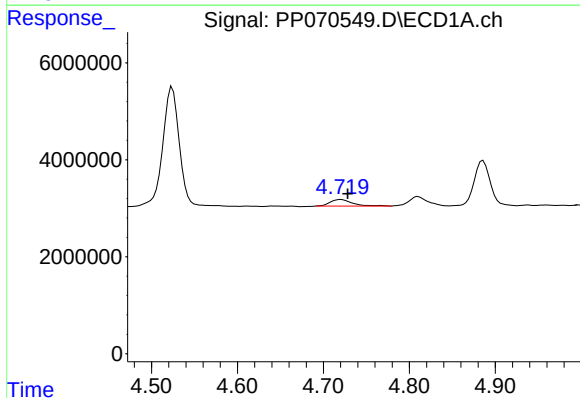
R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 14814899  
Conc: 427.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



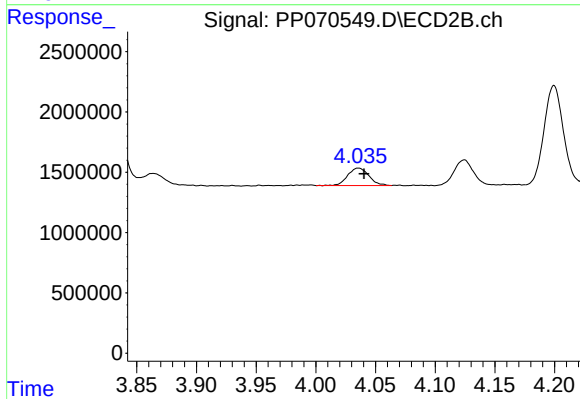
#7 AR-1016-5

R.T.: 5.366 min  
Delta R.T.: -0.004 min  
Response: 13366592  
Conc: 449.77 ng/ml



#8 AR-1221-1

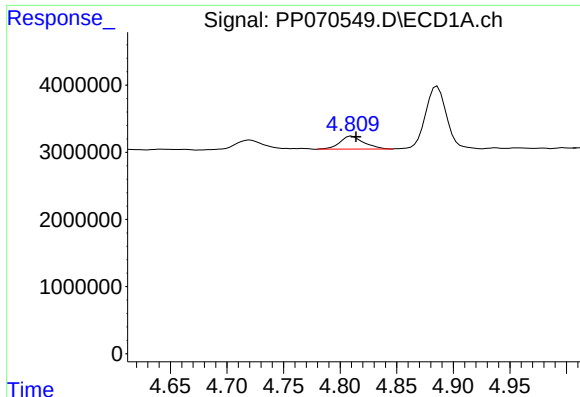
R.T.: 4.721 min  
Delta R.T.: -0.008 min  
Response: 2449468  
Conc: 122.84 ng/ml



#8 AR-1221-1

R.T.: 4.036 min  
Delta R.T.: -0.005 min  
Response: 1781180  
Conc: 119.68 ng/ml

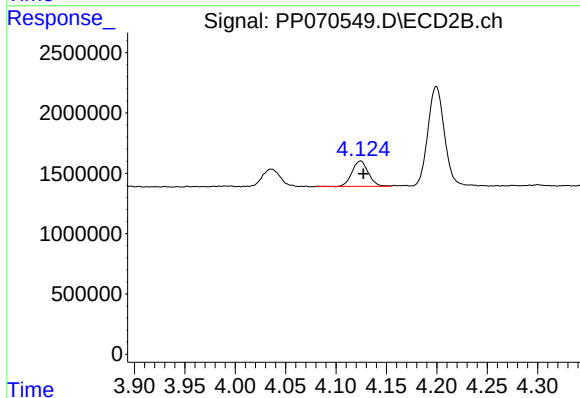




#9 AR-1221-2

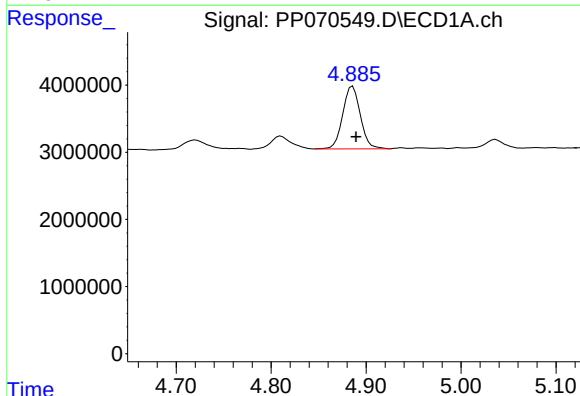
R.T.: 4.810 min  
Delta R.T.: -0.004 min  
Response: 2845489  
Conc: 194.78 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



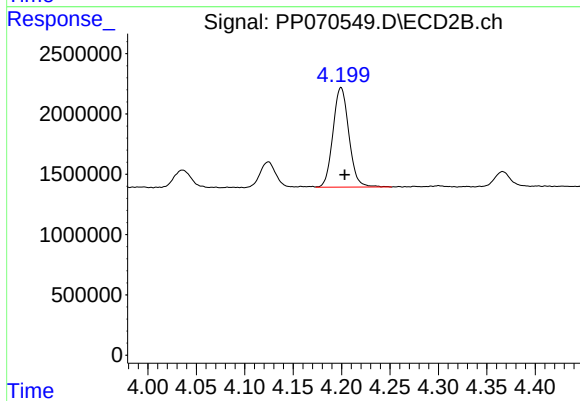
#9 AR-1221-2

R.T.: 4.124 min  
Delta R.T.: -0.003 min  
Response: 2347413  
Conc: 205.39 ng/ml



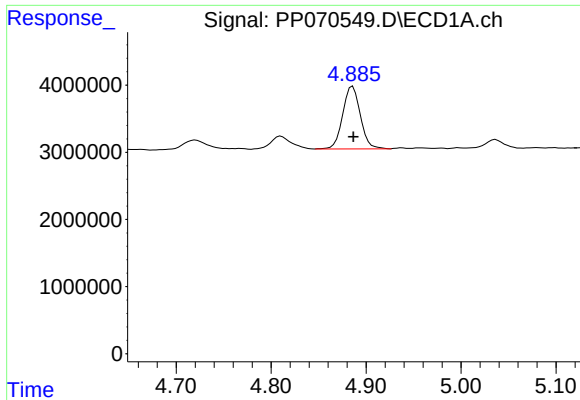
#10 AR-1221-3

R.T.: 4.886 min  
Delta R.T.: -0.003 min  
Response: 12028950  
Conc: 271.14 ng/ml



#10 AR-1221-3

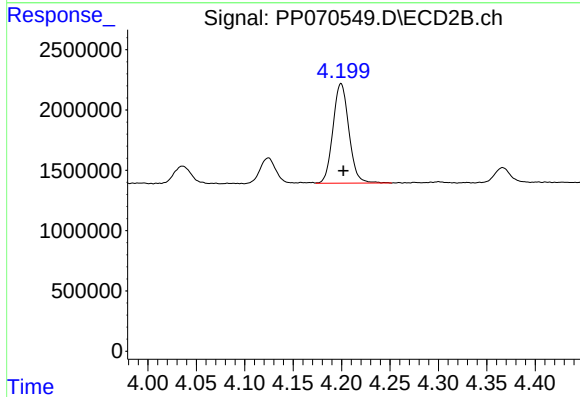
R.T.: 4.200 min  
Delta R.T.: -0.004 min  
Response: 9453906  
Conc: 282.87 ng/ml



#11 AR-1232-1

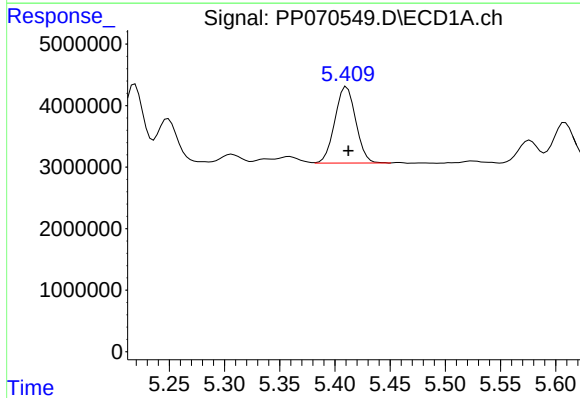
R.T.: 4.886 min  
Delta R.T.: 0.000 min  
Response: 12028950  
Conc: 338.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



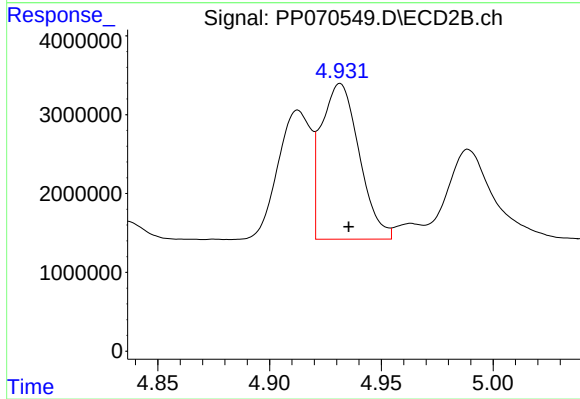
#11 AR-1232-1

R.T.: 4.200 min  
Delta R.T.: -0.002 min  
Response: 9453906  
Conc: 359.33 ng/ml



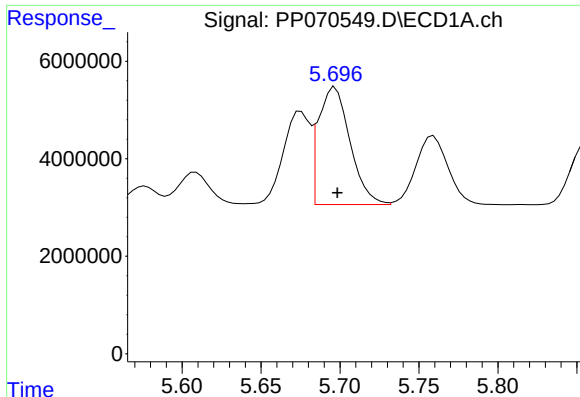
#12 AR-1232-2

R.T.: 5.411 min  
Delta R.T.: -0.002 min  
Response: 16355664  
Conc: 969.62 ng/ml



#12 AR-1232-2

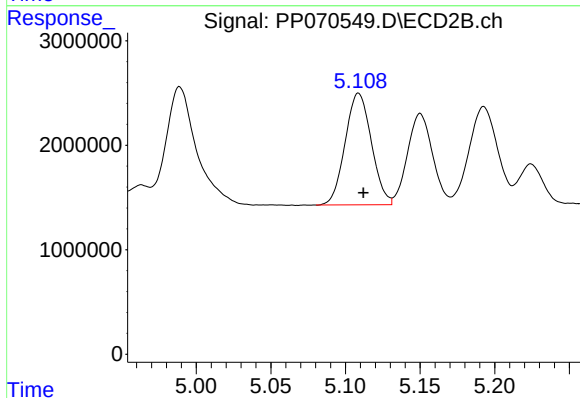
R.T.: 4.932 min  
Delta R.T.: -0.004 min  
Response: 23292035  
Conc: 902.37 ng/ml



#13 AR-1232-3

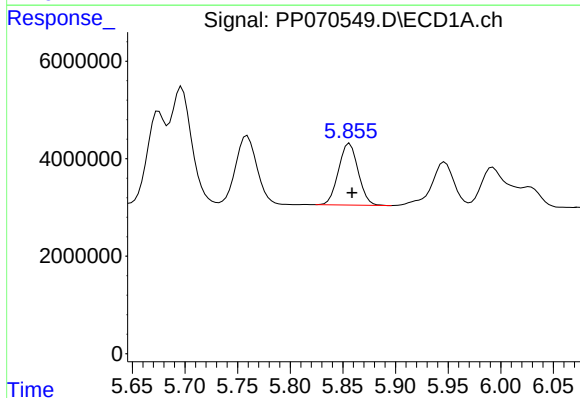
R.T.: 5.697 min  
Delta R.T.: -0.002 min  
Response: 33659019  
Conc: 920.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



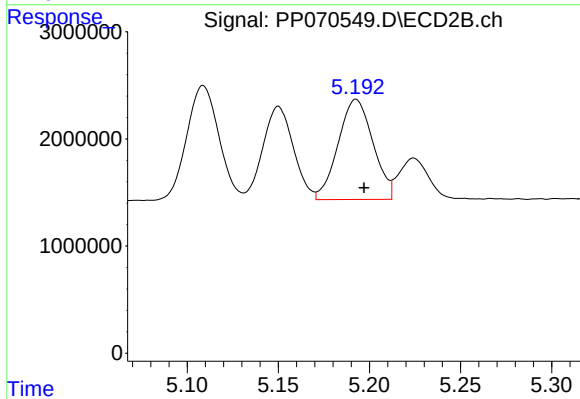
#13 AR-1232-3

R.T.: 5.109 min  
Delta R.T.: -0.003 min  
Response: 13110139  
Conc: 935.84 ng/ml



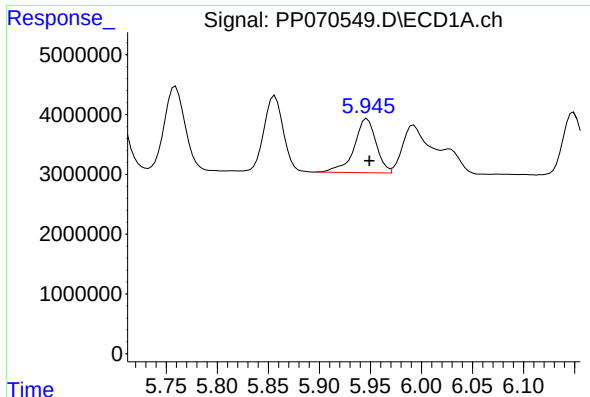
#14 AR-1232-4

R.T.: 5.856 min  
Delta R.T.: -0.002 min  
Response: 16488008  
Conc: 868.05 ng/ml



#14 AR-1232-4

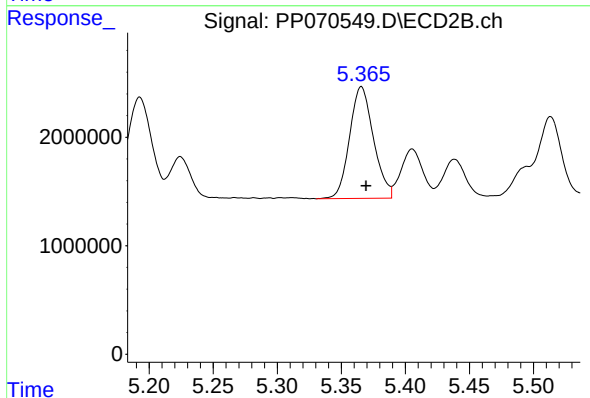
R.T.: 5.193 min  
Delta R.T.: -0.004 min  
Response: 12468854  
Conc: 1064.60 ng/ml



#15 AR-1232-5

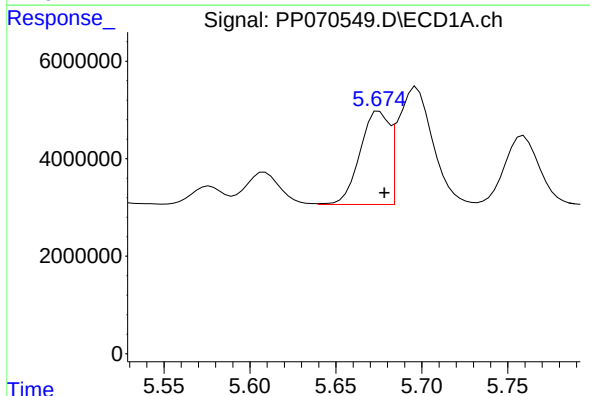
R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 13538063  
Conc: 1041.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



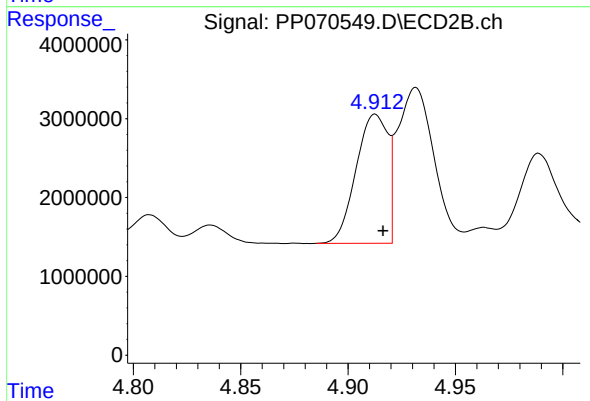
#15 AR-1232-5

R.T.: 5.366 min  
Delta R.T.: -0.004 min  
Response: 13366592  
Conc: 1022.85 ng/ml



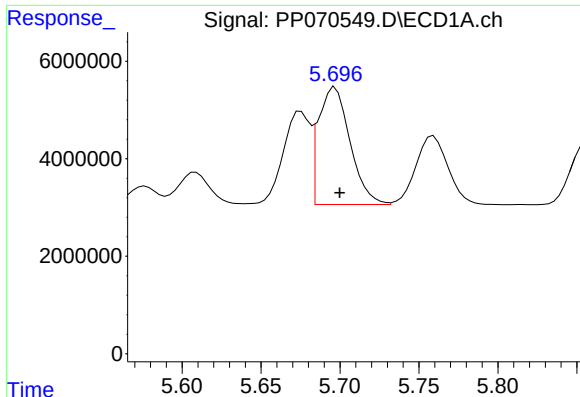
#16 AR-1242-1

R.T.: 5.675 min  
Delta R.T.: -0.003 min  
Response: 22655811  
Conc: 509.71 ng/ml



#16 AR-1242-1

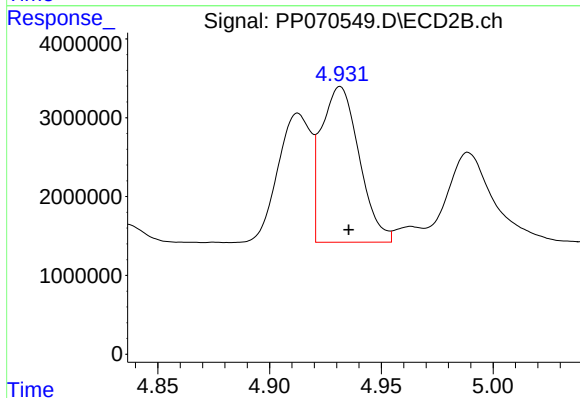
R.T.: 4.913 min  
Delta R.T.: -0.004 min  
Response: 16838908  
Conc: 550.09 ng/ml



#17 AR-1242-2

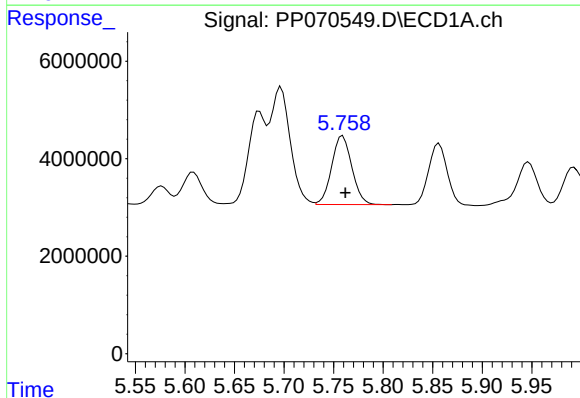
R.T.: 5.697 min  
Delta R.T.: -0.003 min  
Response: 33659019  
Conc: 548.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



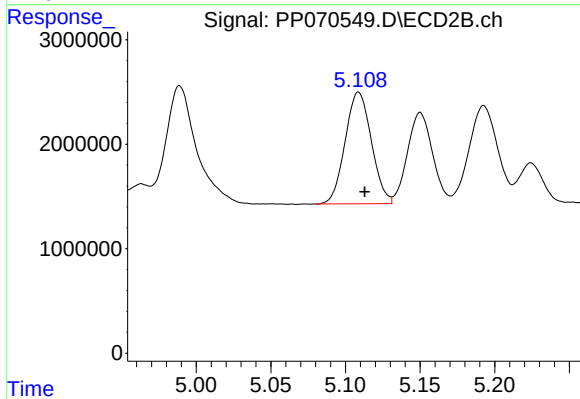
#17 AR-1242-2

R.T.: 4.932 min  
Delta R.T.: -0.004 min  
Response: 23292035  
Conc: 534.25 ng/ml



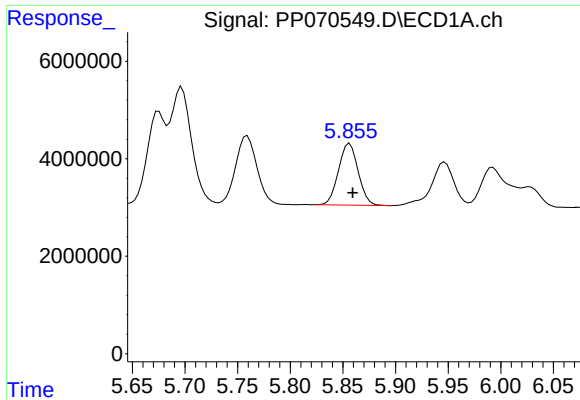
#18 AR-1242-3

R.T.: 5.759 min  
Delta R.T.: -0.003 min  
Response: 20019488  
Conc: 539.59 ng/ml



#18 AR-1242-3

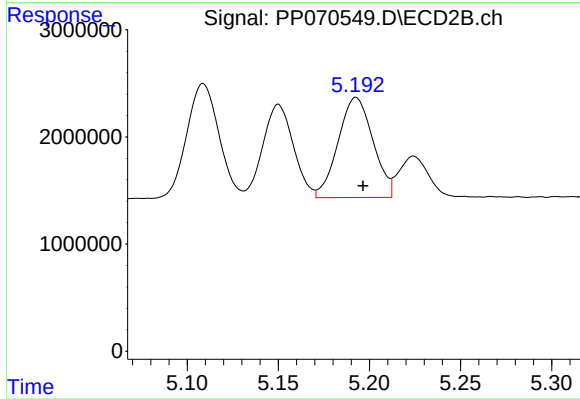
R.T.: 5.109 min  
Delta R.T.: -0.004 min  
Response: 13110139  
Conc: 550.10 ng/ml



#19 AR-1242-4

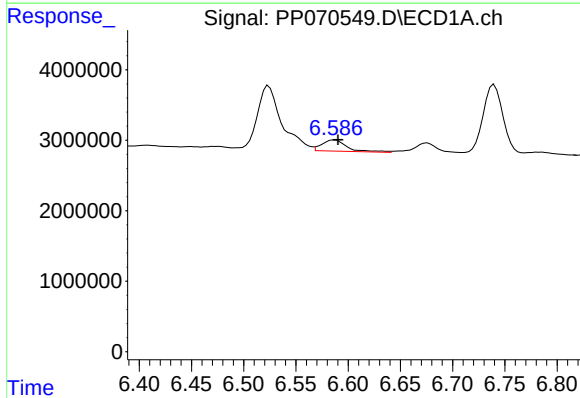
R.T.: 5.856 min  
Delta R.T.: -0.003 min  
Response: 16488008  
Conc: 513.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



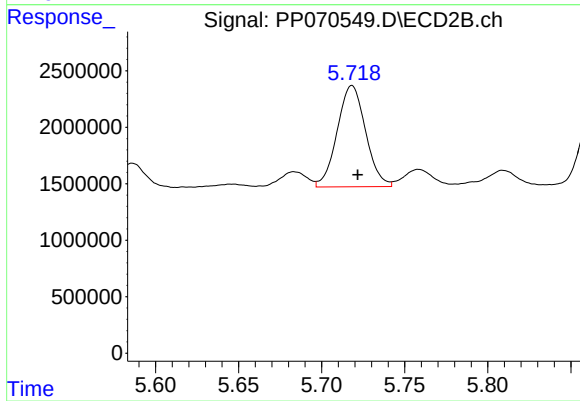
#19 AR-1242-4

R.T.: 5.193 min  
Delta R.T.: -0.004 min  
Response: 12468854  
Conc: 565.67 ng/ml



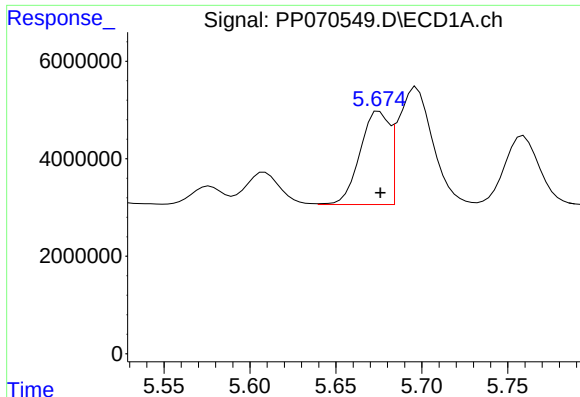
#20 AR-1242-5

R.T.: 6.587 min  
Delta R.T.: -0.003 min  
Response: 2660905  
Conc: 85.70 ng/ml



#20 AR-1242-5

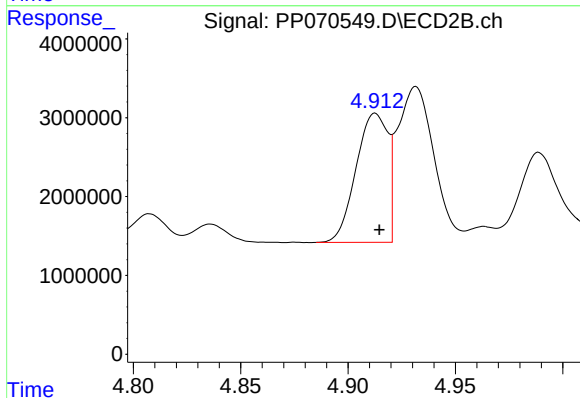
R.T.: 5.718 min  
Delta R.T.: -0.003 min  
Response: 10677815  
Conc: 382.43 ng/ml



#21 AR-1248-1

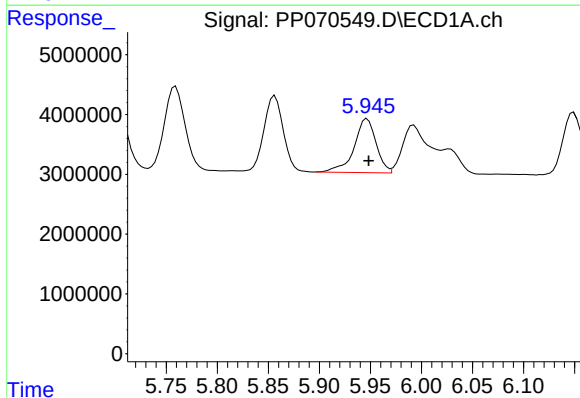
R.T.: 5.675 min  
Delta R.T.: 0.000 min  
Response: 22655811  
Conc: 663.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



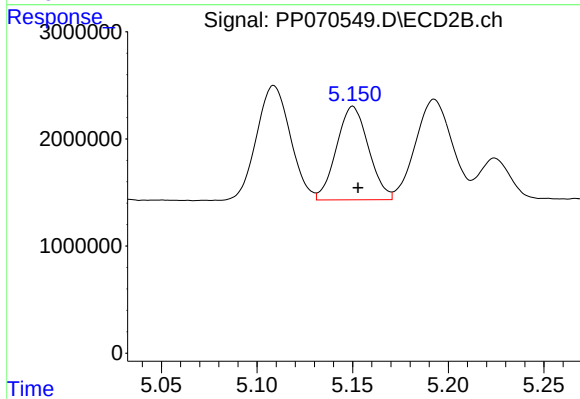
#21 AR-1248-1

R.T.: 4.913 min  
Delta R.T.: -0.002 min  
Response: 16838908  
Conc: 717.30 ng/ml



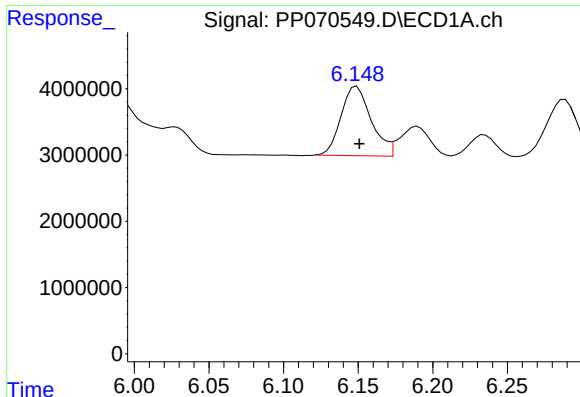
#22 AR-1248-2

R.T.: 5.947 min  
Delta R.T.: -0.001 min  
Response: 13538063  
Conc: 318.94 ng/ml



#22 AR-1248-2

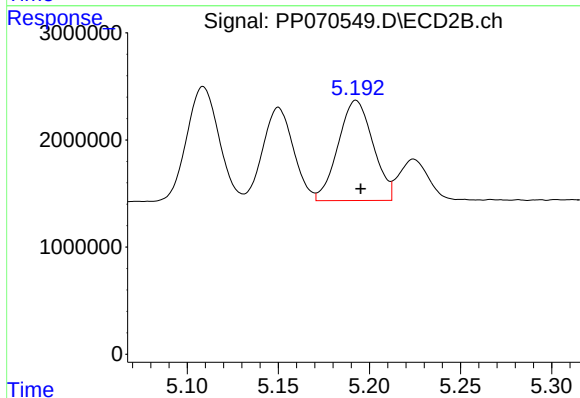
R.T.: 5.150 min  
Delta R.T.: -0.003 min  
Response: 10187202  
Conc: 325.43 ng/ml



#23 AR-1248-3

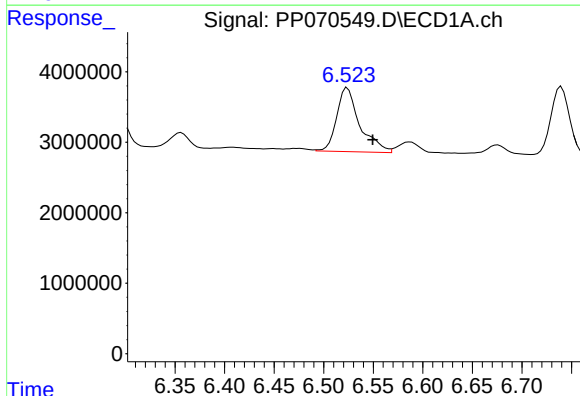
R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 14814899  
Conc: 321.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



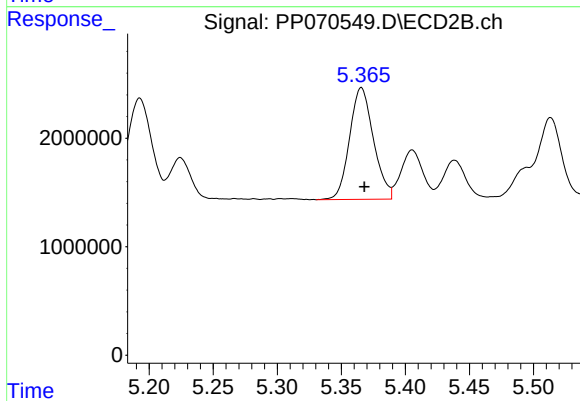
#23 AR-1248-3

R.T.: 5.193 min  
Delta R.T.: -0.003 min  
Response: 12468854  
Conc: 393.07 ng/ml



#24 AR-1248-4

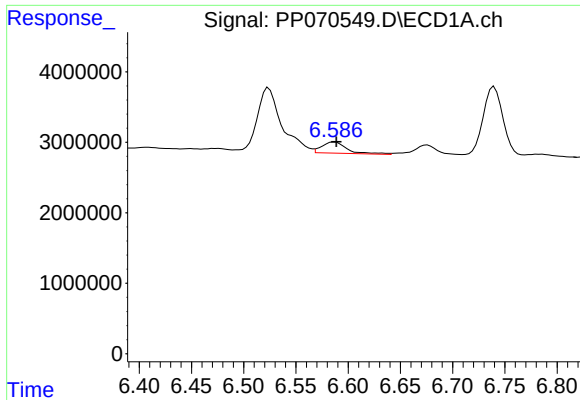
R.T.: 6.524 min  
Delta R.T.: -0.026 min  
Response: 14719307  
Conc: 253.82 ng/ml



#24 AR-1248-4

R.T.: 5.366 min  
Delta R.T.: -0.002 min  
Response: 13366592  
Conc: 342.97 ng/ml

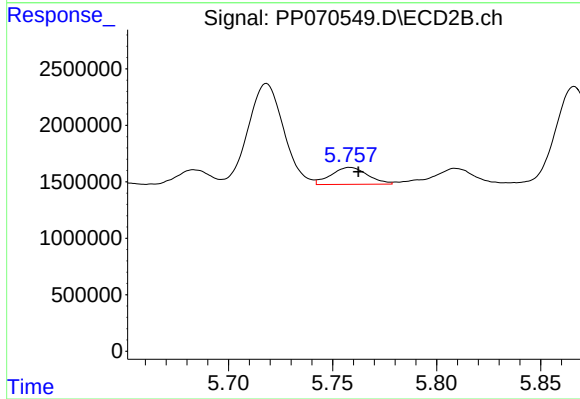




#25 AR-1248-5

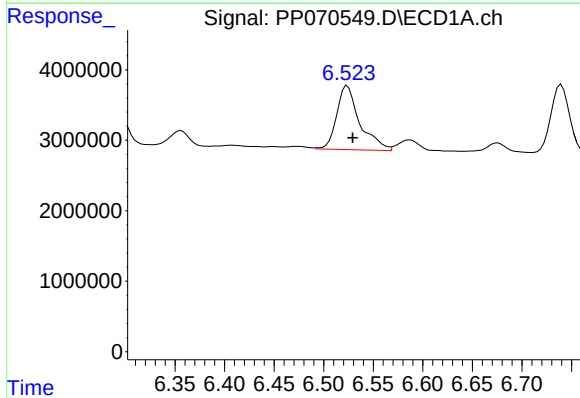
R.T.: 6.587 min  
Delta R.T.: -0.002 min  
Response: 2660905  
Conc: 49.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



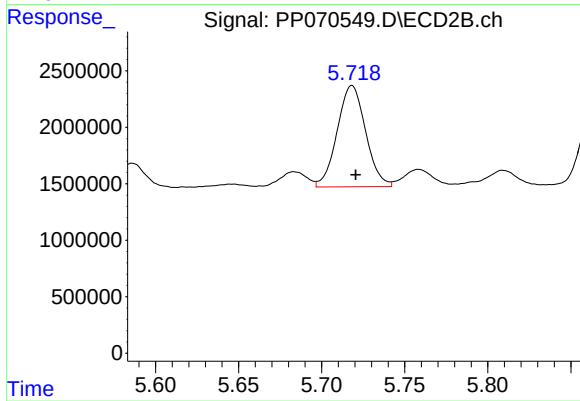
#25 AR-1248-5

R.T.: 5.758 min  
Delta R.T.: -0.004 min  
Response: 1830216  
Conc: 48.05 ng/ml



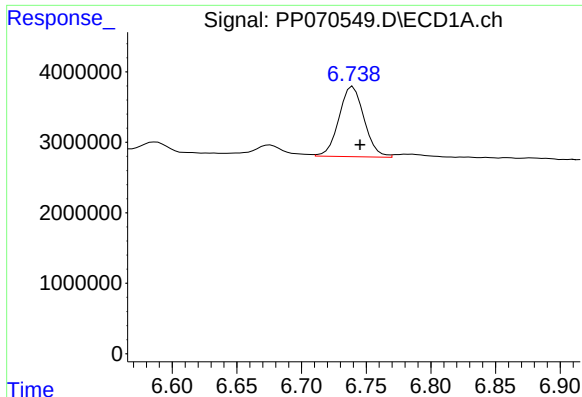
#26 AR-1254-1

R.T.: 6.524 min  
Delta R.T.: -0.005 min  
Response: 14719307  
Conc: 257.06 ng/ml



#26 AR-1254-1

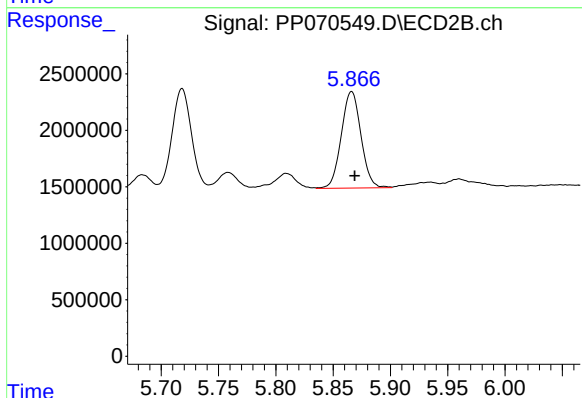
R.T.: 5.718 min  
Delta R.T.: -0.002 min  
Response: 10677815  
Conc: 189.58 ng/ml



#27 AR-1254-2

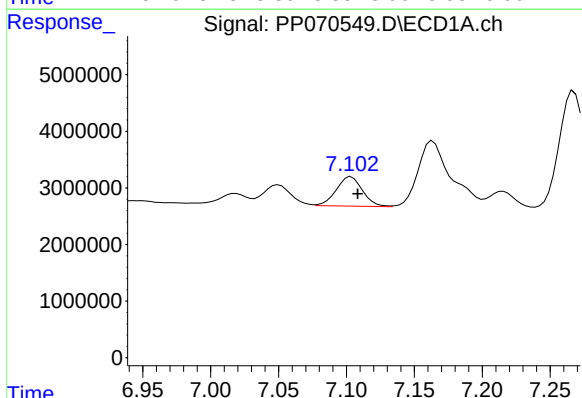
R.T.: 6.740 min  
Delta R.T.: -0.005 min  
Response: 13440373  
Conc: 165.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



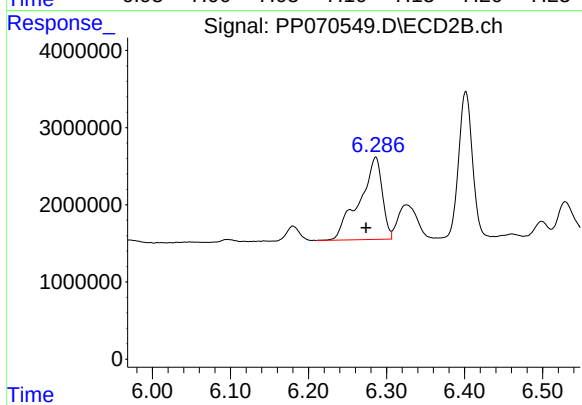
#27 AR-1254-2

R.T.: 5.866 min  
Delta R.T.: -0.003 min  
Response: 10228749  
Conc: 209.15 ng/ml



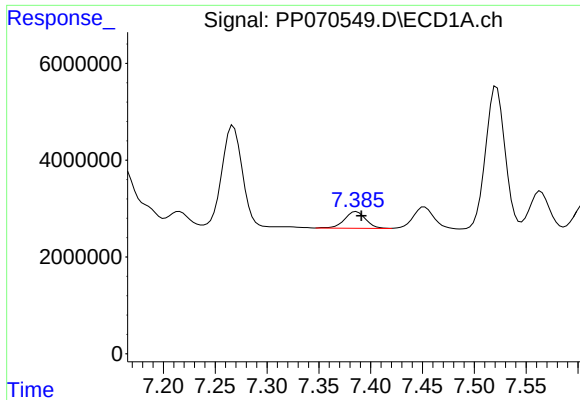
#28 AR-1254-3

R.T.: 7.104 min  
Delta R.T.: -0.005 min  
Response: 6975798  
Conc: 82.88 ng/ml



#28 AR-1254-3

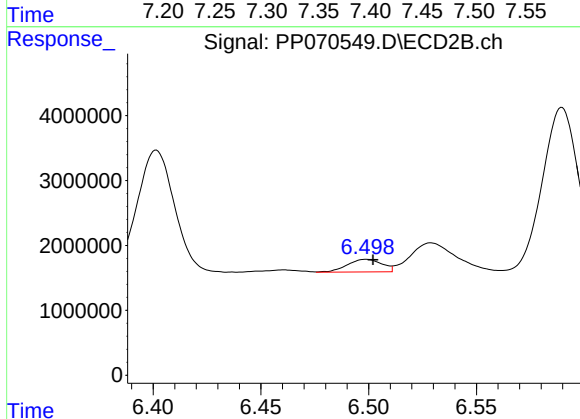
R.T.: 6.286 min  
Delta R.T.: 0.012 min  
Response: 21652997  
Conc: 287.11 ng/ml



#29 AR-1254-4

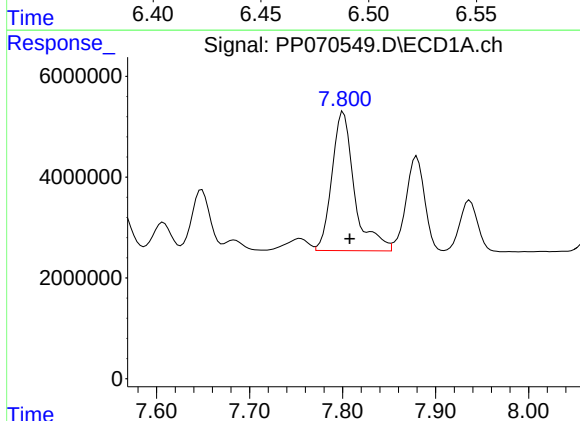
R.T.: 7.386 min  
Delta R.T.: -0.005 min  
Response: 4867289  
Conc: 69.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



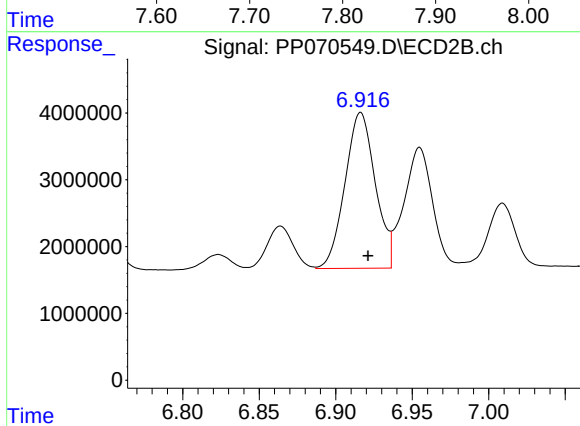
#29 AR-1254-4

R.T.: 6.499 min  
Delta R.T.: -0.003 min  
Response: 2162060  
Conc: 40.99 ng/ml



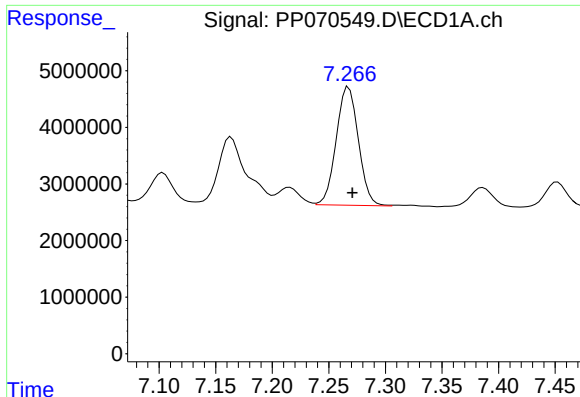
#30 AR-1254-5

R.T.: 7.801 min  
Delta R.T.: -0.007 min  
Response: 46556226  
Conc: 666.45 ng/ml



#30 AR-1254-5

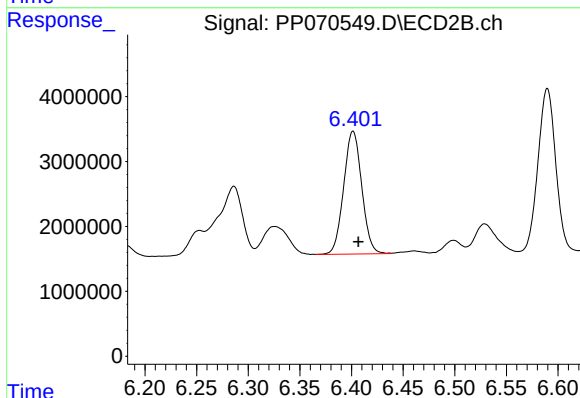
R.T.: 6.916 min  
Delta R.T.: -0.005 min  
Response: 32206229  
Conc: 466.39 ng/ml



#31 AR-1260-1

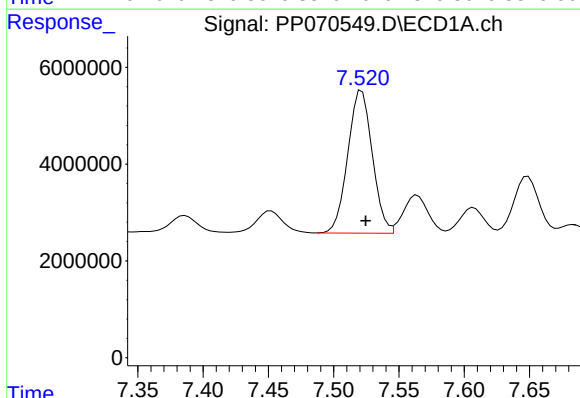
R.T.: 7.268 min  
Delta R.T.: -0.003 min  
Response: 28474787  
Conc: 484.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



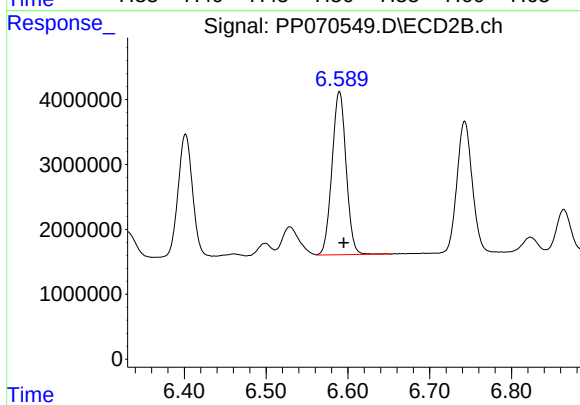
#31 AR-1260-1

R.T.: 6.402 min  
Delta R.T.: -0.005 min  
Response: 23132691  
Conc: 464.66 ng/ml



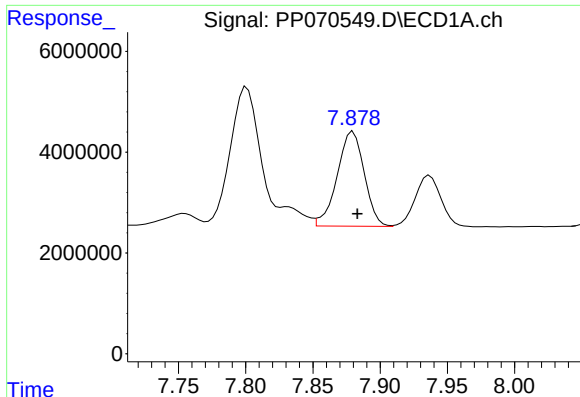
#32 AR-1260-2

R.T.: 7.522 min  
Delta R.T.: -0.003 min  
Response: 38514455  
Conc: 469.44 ng/ml



#32 AR-1260-2

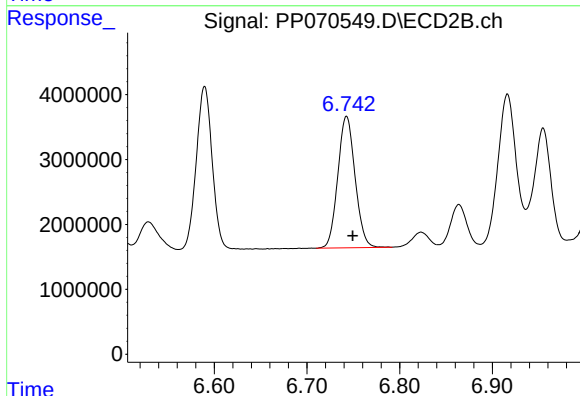
R.T.: 6.590 min  
Delta R.T.: -0.005 min  
Response: 30113094  
Conc: 455.66 ng/ml



#33 AR-1260-3

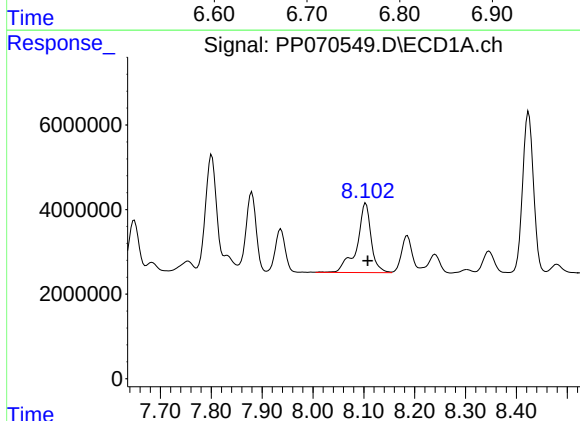
R.T.: 7.880 min  
Delta R.T.: -0.003 min  
Response: 26305571  
Conc: 400.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



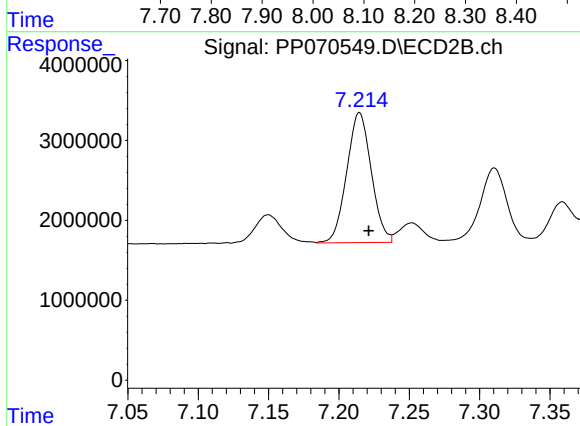
#33 AR-1260-3

R.T.: 6.743 min  
Delta R.T.: -0.006 min  
Response: 26221520  
Conc: 458.44 ng/ml



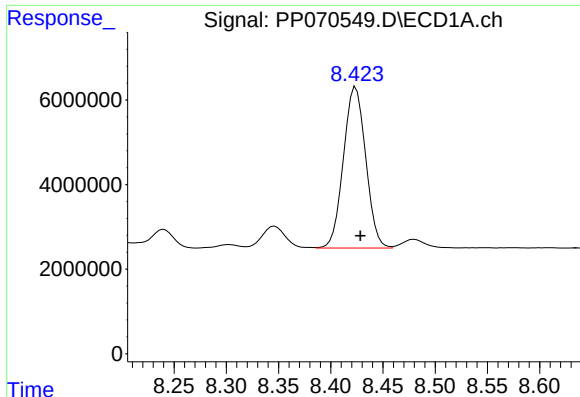
#34 AR-1260-4

R.T.: 8.104 min  
Delta R.T.: -0.004 min  
Response: 31889601  
Conc: 488.04 ng/ml



#34 AR-1260-4

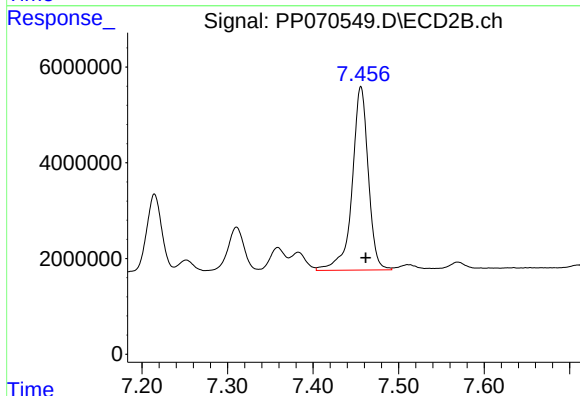
R.T.: 7.215 min  
Delta R.T.: -0.007 min  
Response: 19782442  
Conc: 386.65 ng/ml



#35 AR-1260-5

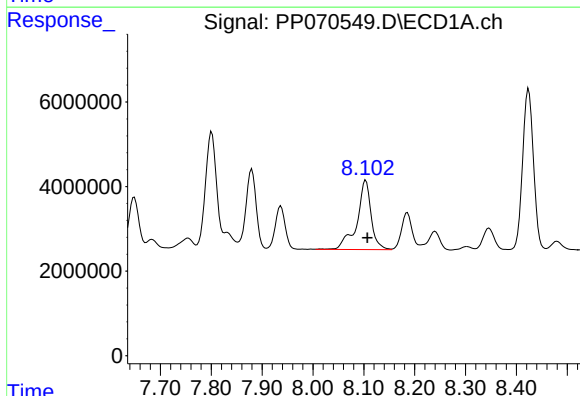
R.T.: 8.424 min  
Delta R.T.: -0.004 min  
Response: 56522478  
Conc: 413.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



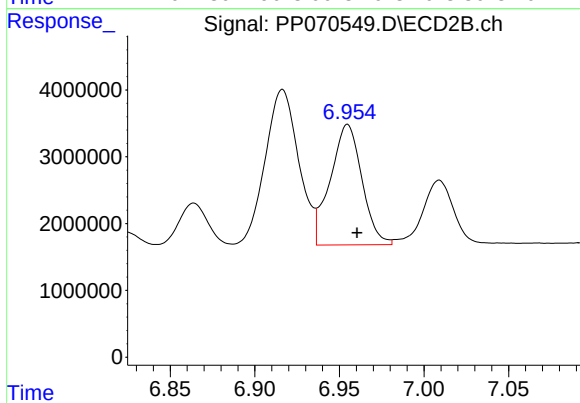
#35 AR-1260-5

R.T.: 7.456 min  
Delta R.T.: -0.006 min  
Response: 50192203  
Conc: 389.74 ng/ml



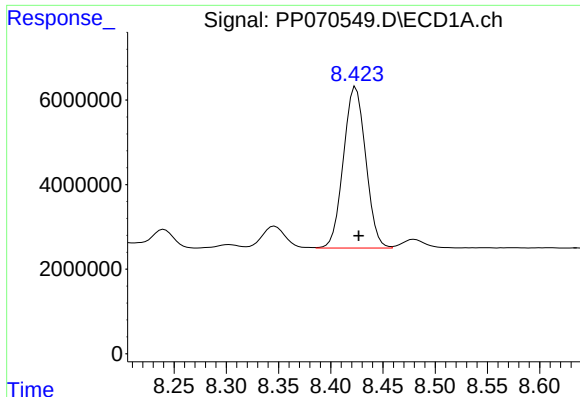
#36 AR-1262-1

R.T.: 8.104 min  
Delta R.T.: -0.003 min  
Response: 31889601  
Conc: 390.24 ng/ml



#36 AR-1262-1

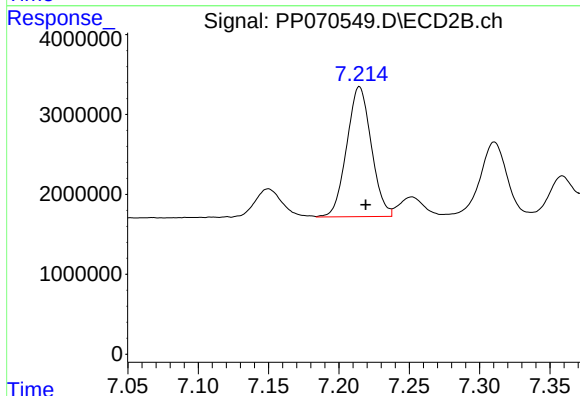
R.T.: 6.955 min  
Delta R.T.: -0.005 min  
Response: 23500955  
Conc: 280.90 ng/ml



#37 AR-1262-2

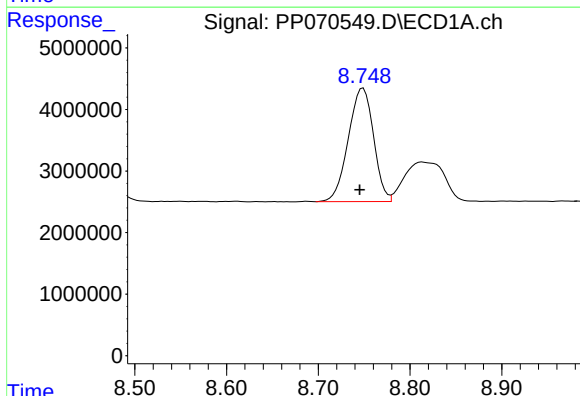
R.T.: 8.424 min  
Delta R.T.: -0.003 min  
Response: 56522478  
Conc: 343.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



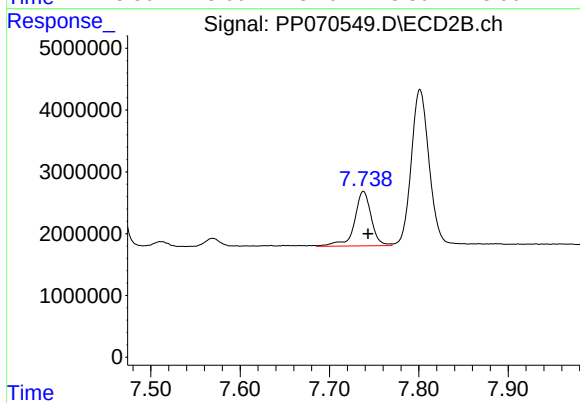
#37 AR-1262-2

R.T.: 7.215 min  
Delta R.T.: -0.004 min  
Response: 19782442  
Conc: 287.83 ng/ml



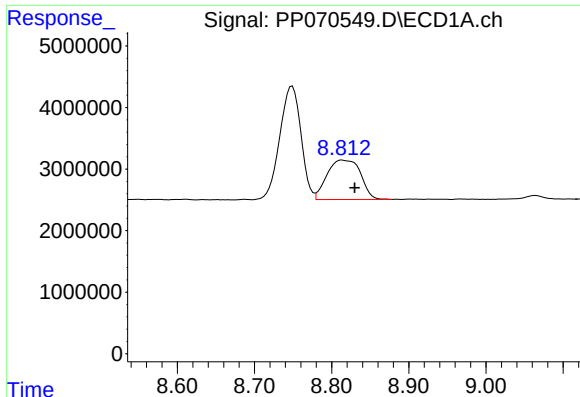
#38 AR-1262-3

R.T.: 8.749 min  
Delta R.T.: 0.004 min  
Response: 35224685  
Conc: 314.04 ng/ml



#38 AR-1262-3

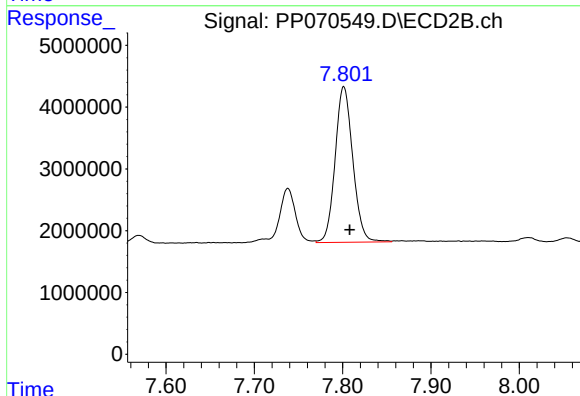
R.T.: 7.738 min  
Delta R.T.: -0.005 min  
Response: 11480376  
Conc: 173.98 ng/ml



#39 AR-1262-4

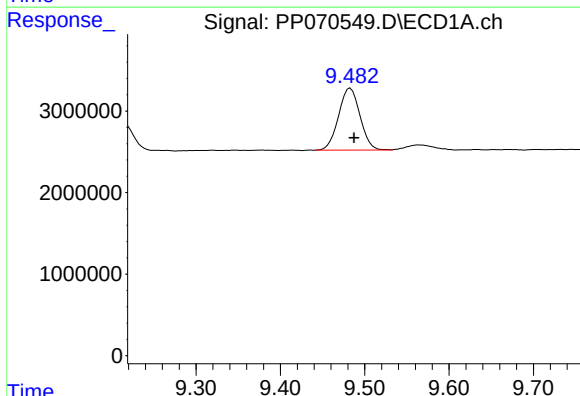
R.T.: 8.814 min  
Delta R.T.: -0.016 min  
Response: 19366913  
Conc: 231.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



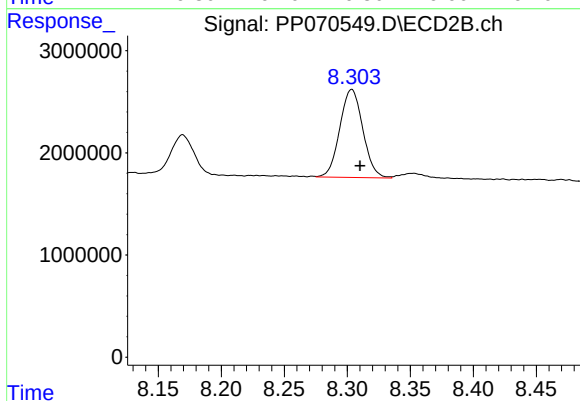
#39 AR-1262-4

R.T.: 7.801 min  
Delta R.T.: -0.007 min  
Response: 34979973  
Conc: 334.94 ng/ml



#40 AR-1262-5

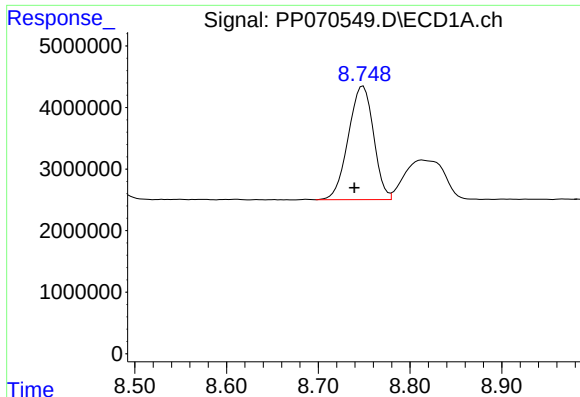
R.T.: 9.483 min  
Delta R.T.: -0.004 min  
Response: 13427188  
Conc: 227.98 ng/ml



#40 AR-1262-5

R.T.: 8.304 min  
Delta R.T.: -0.007 min  
Response: 10966501  
Conc: 212.73 ng/ml

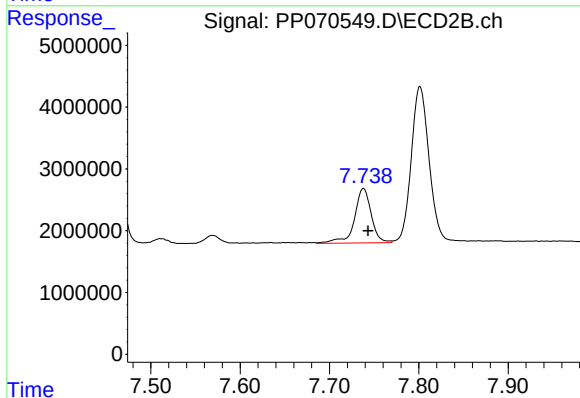




#41 AR-1268-1

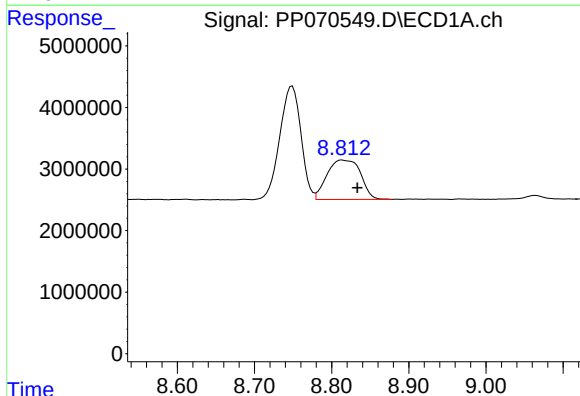
R.T.: 8.749 min  
Delta R.T.: 0.009 min  
Response: 35224685  
Conc: 177.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



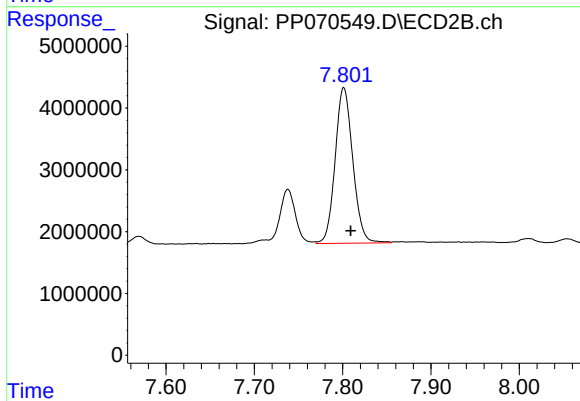
#41 AR-1268-1

R.T.: 7.738 min  
Delta R.T.: -0.005 min  
Response: 11480376  
Conc: 65.58 ng/ml



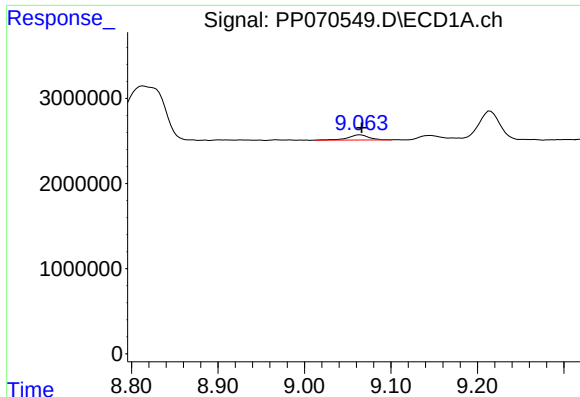
#42 AR-1268-2

R.T.: 8.814 min  
Delta R.T.: -0.020 min  
Response: 19366913  
Conc: 114.11 ng/ml



#42 AR-1268-2

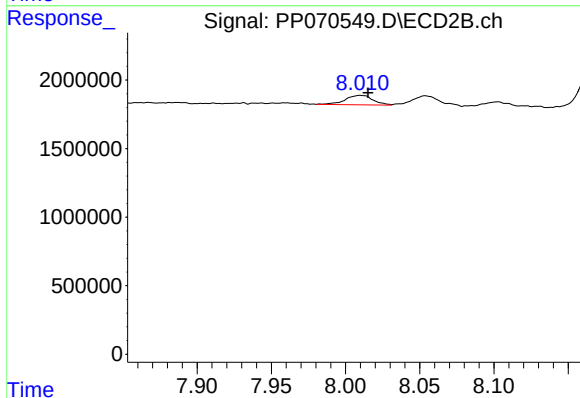
R.T.: 7.801 min  
Delta R.T.: -0.008 min  
Response: 34979973  
Conc: 239.49 ng/ml



#43 AR-1268-3

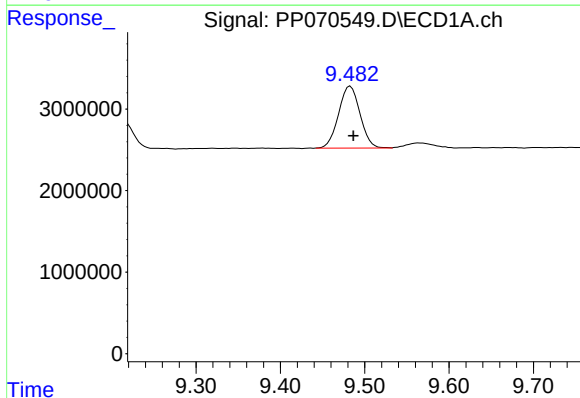
R.T.: 9.064 min  
Delta R.T.: -0.002 min  
Response: 1002684  
Conc: 6.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



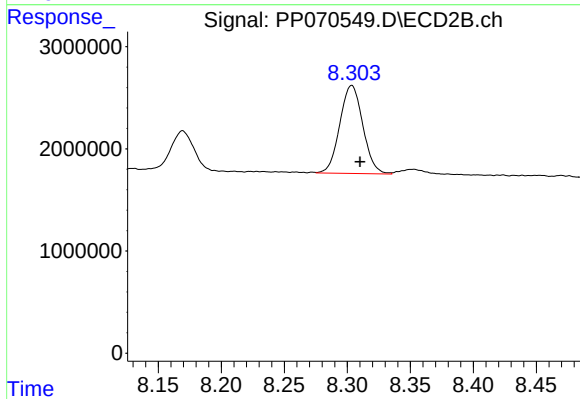
#43 AR-1268-3

R.T.: 8.010 min  
Delta R.T.: -0.005 min  
Response: 893245  
Conc: 6.96 ng/ml



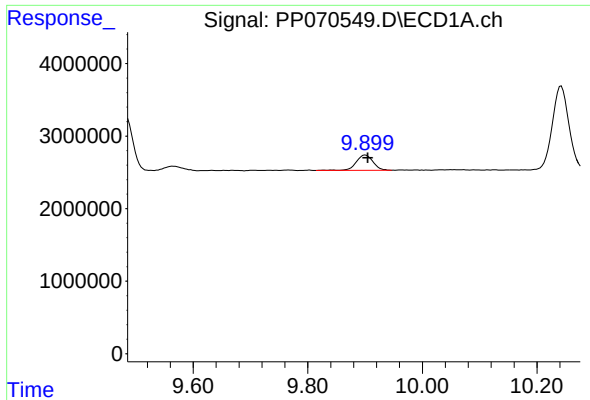
#44 AR-1268-4

R.T.: 9.483 min  
Delta R.T.: -0.004 min  
Response: 13427188  
Conc: 210.19 ng/ml



#44 AR-1268-4

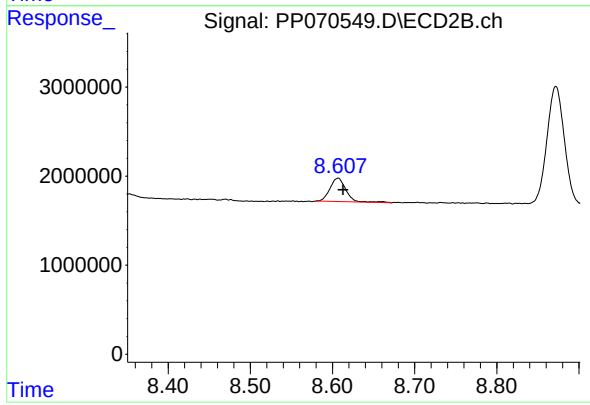
R.T.: 8.304 min  
Delta R.T.: -0.006 min  
Response: 10966501  
Conc: 199.46 ng/ml



#45 AR-1268-5

R.T.: 9.901 min  
Delta R.T.: -0.004 min  
Response: 4300495  
Conc: 10.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167143BS



#45 AR-1268-5

R.T.: 8.607 min  
Delta R.T.: -0.006 min  
Response: 3544723  
Conc: 9.63 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
 Data File : PP070551.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2025 23:25  
 Operator : YP\AJ  
 Sample : Q1569-04  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 TAP-IDW-SOIL-031325-02

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 02:00:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|----------|
| -----                       |                 |        |        |          |          |         |          |
| System Monitoring Compounds |                 |        |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 4.523  | 3.825  | 33459970 | 22779272 | 21.512  | 22.727   |
| 2)                          | SA Decachlor... | 10.242 | 8.871  | 21494391 | 18839461 | 20.233  | 19.256   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 5.608f | 4.930  | 3610876  | 242334   | 69.639  | 6.740 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.930  | 0        | 242334   | N.D.    | 4.663 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.119  | 0        | 61454    | N.D.    | 2.160 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.151  | 0        | 169020   | N.D.    | 7.549 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.360  | 0        | 380457   | N.D.    | 12.802 # |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.989f | 0        | 24582    | N.D.    | 1.652 #  |
| 9)                          | L2 AR-1221-2    | 4.821  | 4.128  | 716880   | 616381   | 49.072  | 53.931   |
| 10)                         | L2 AR-1221-3    | 4.821f | 4.198  | 716880   | 50181    | 16.159  | 1.501 #  |
| 11)                         | L3 AR-1232-1    | 4.821f | 4.198  | 716880   | 50181    | 20.161  | 1.907 #  |
| 12)                         | L3 AR-1232-2    | 5.376f | 4.930  | 430507   | 242334   | 25.522  | 9.388 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.119  | 0        | 61454    | N.D.    | 4.387 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.198  | 0        | 90297    | N.D.    | 7.710 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.360  | 0        | 380457   | N.D.    | 29.114 # |
| 16)                         | L4 AR-1242-1    | 5.608f | 4.930  | 3610876  | 242334   | 81.237  | 7.916 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.930  | 0        | 242334   | N.D.    | 5.558 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.119  | 0        | 61454    | N.D.    | 2.579 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.198  | 0        | 90297    | N.D.    | 4.096 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.716  | 0        | 905205   | N.D.    | 32.420 # |
| 21)                         | L5 AR-1248-1    | 5.608f | 4.930  | 3610876  | 242334   | 105.717 | 10.323 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.151  | 0        | 169020   | N.D.    | 5.399 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.198  | 0        | 90297    | N.D.    | 2.847 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.360  | 0        | 380457   | N.D.    | 9.762 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.758  | 0        | 148284   | N.D.    | 3.893 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.716  | 0        | 905205   | N.D.    | 16.072 # |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.870  | 0        | 68126    | N.D.    | 1.393 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.437f | 0        | 329932   | N.D.    | 6.254 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.437  | 0        | 329932   | N.D.    | 6.627 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.572  | 0        | 235031   | N.D.    | 3.556 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.746  | 0        | 286552   | N.D.    | 5.010 #  |
| 34)                         | L7 AR-1260-4    | 8.085  | 7.197  | 599123   | 1409956  | 9.169   | 27.558 # |
| 35)                         | L7 AR-1260-5    | 8.387f | 7.486  | 330695   | 4605915  | 2.420   | 35.764 # |
| 36)                         | L8 AR-1262-1    | 8.085  | 7.017f | 599123   | 541036   | 7.332   | 6.467    |
| 37)                         | L8 AR-1262-2    | 8.387f | 7.197  | 330695   | 1409956  | 2.008   | 20.514 # |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.725  | 0        | 582600   | N.D.    | 8.829 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.810  | 0        | 519509   | N.D.    | 4.974 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.241f | 0        | 264040   | N.D.    | 5.122 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.725  | 0        | 582600   | N.D.    | 3.328 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.810  | 0        | 519509   | N.D.    | 3.557 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.241f | 0        | 264040   | N.D.    | 4.802 #  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070551.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2025 23:25  
Operator : YP\AJ  
Sample : Q1569-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 02:00:00 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

|        | Compound  | RT#1  | RT#2  | Resp#1 | Resp#2 | ng/ml | ng/ml   |
|--------|-----------|-------|-------|--------|--------|-------|---------|
| 45) L9 | AR-1268-5 | 0.000 | 8.608 | 0      | 393444 | N.D.  | 1.069 # |

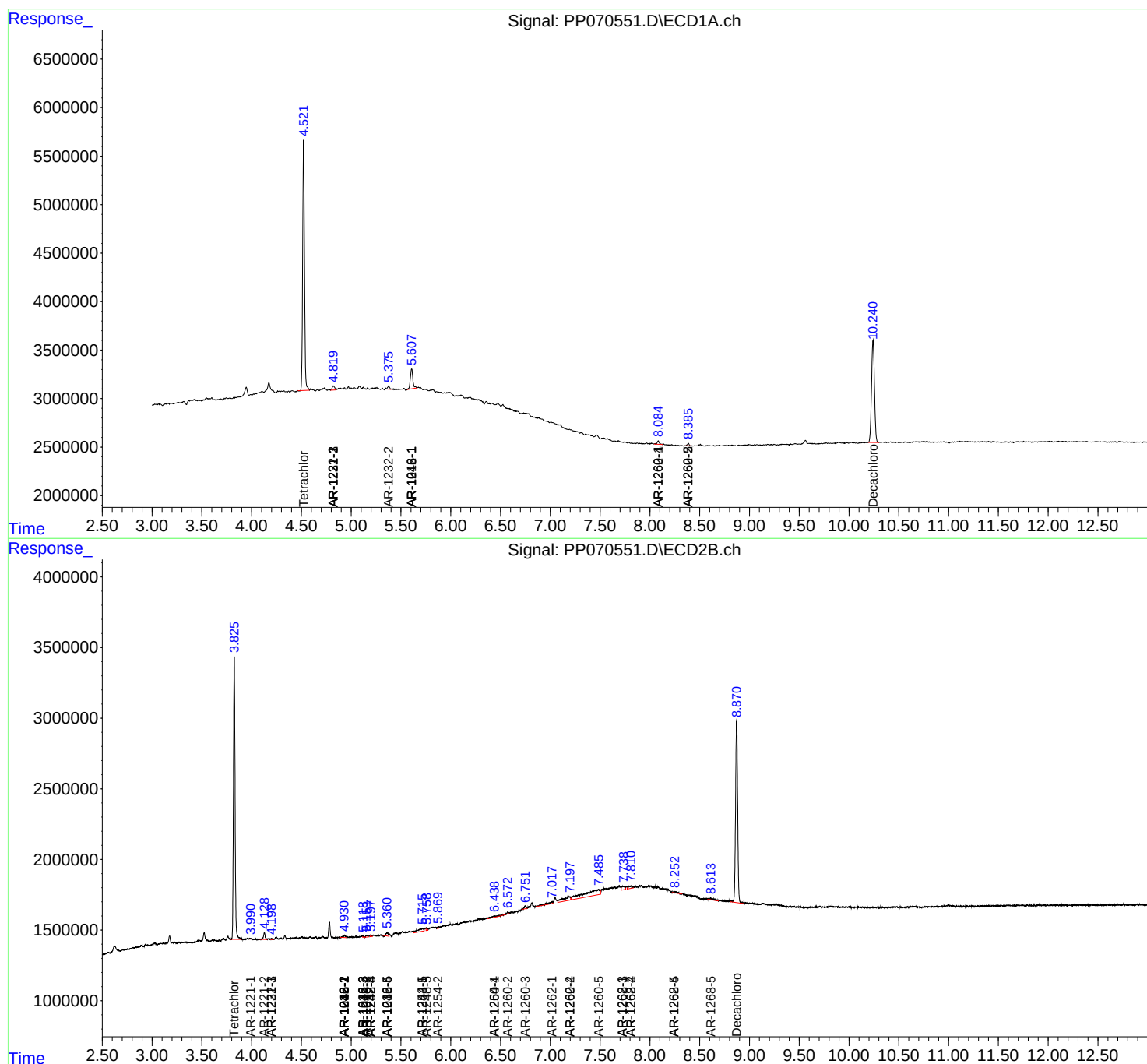
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

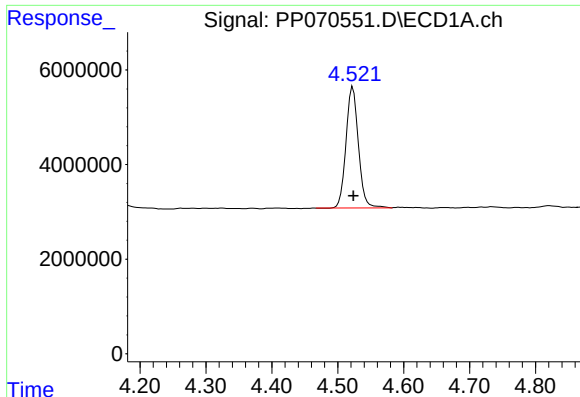
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070551.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2025 23:25  
Operator : YP\AJ  
Sample : Q1569-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 02:00:00 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

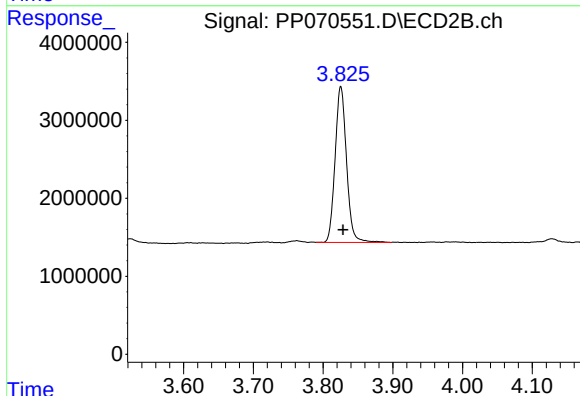




#1 Tetrachloro-m-xylene

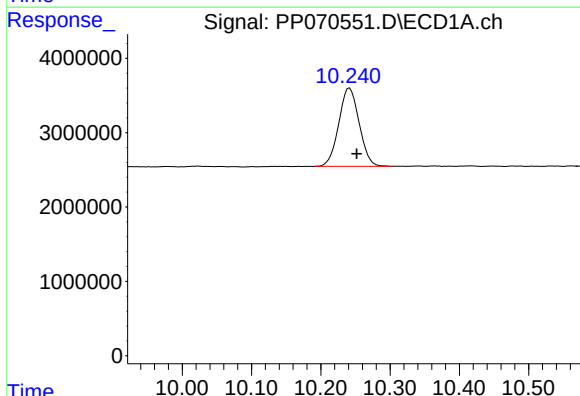
R.T.: 4.523 min  
Delta R.T.: -0.001 min  
Response: 33459970  
Conc: 21.51 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



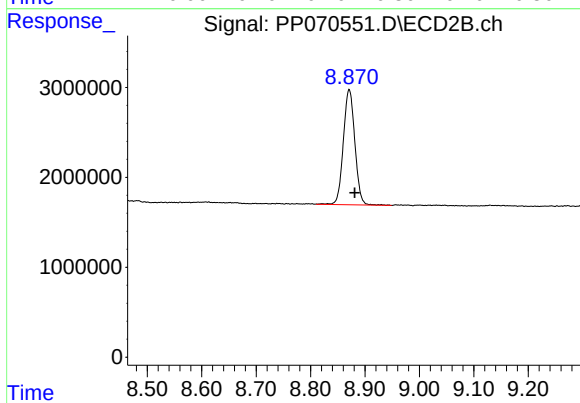
#1 Tetrachloro-m-xylene

R.T.: 3.825 min  
Delta R.T.: -0.003 min  
Response: 22779272  
Conc: 22.73 ng/ml



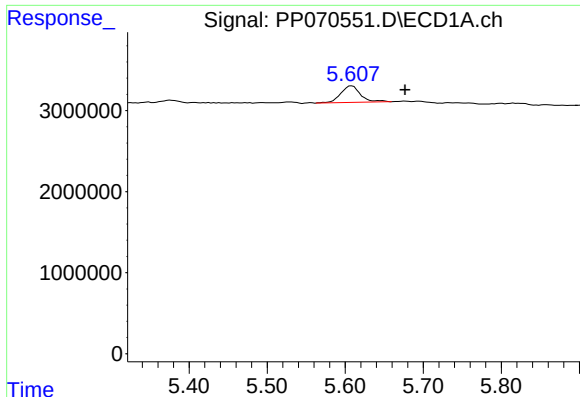
#2 Decachlorobiphenyl

R.T.: 10.242 min  
Delta R.T.: -0.010 min  
Response: 21494391  
Conc: 20.23 ng/ml



#2 Decachlorobiphenyl

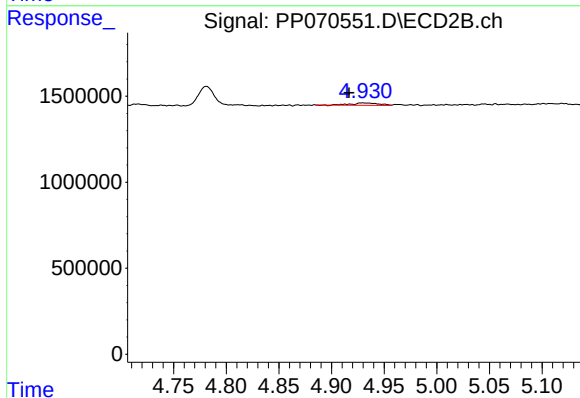
R.T.: 8.871 min  
Delta R.T.: -0.010 min  
Response: 18839461  
Conc: 19.26 ng/ml



#3 AR-1016-1

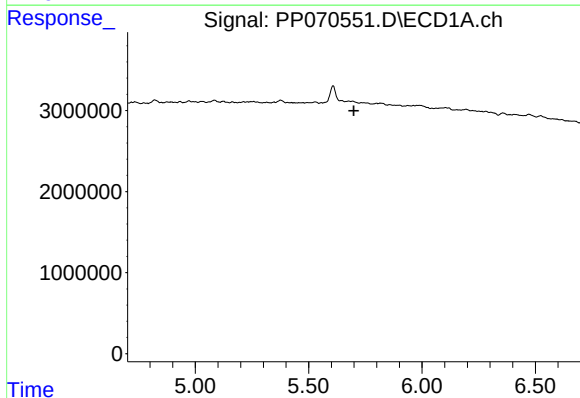
R.T.: 5.608 min  
Delta R.T.: -0.068 min  
Response: 3610876  
Conc: 69.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



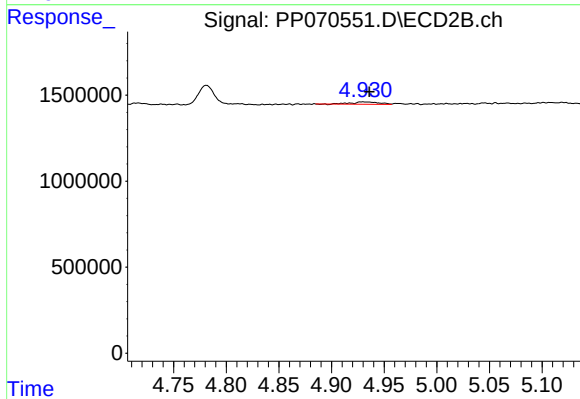
#3 AR-1016-1

R.T.: 4.930 min  
Delta R.T.: 0.013 min  
Response: 242334  
Conc: 6.74 ng/ml



#4 AR-1016-2

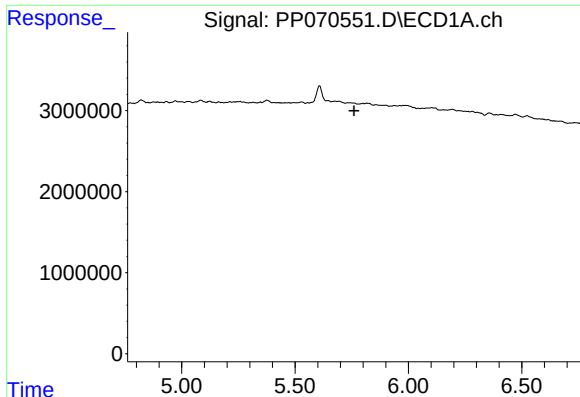
R.T.: 0.000 min  
Exp R.T. : 5.699 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

R.T.: 4.930 min  
Delta R.T.: -0.006 min  
Response: 242334  
Conc: 4.66 ng/ml





#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.761 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02

#5 AR-1016-3

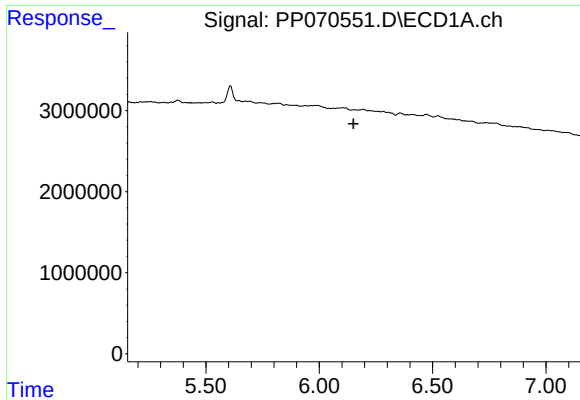
R.T.: 5.119 min  
Delta R.T.: 0.006 min  
Response: 61454  
Conc: 2.16 ng/ml

#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.858 min  
Response: 0  
Conc: N.D.

#6 AR-1016-4

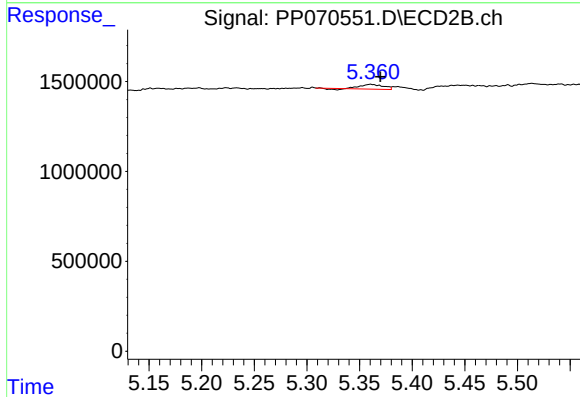
R.T.: 5.151 min  
Delta R.T.: -0.003 min  
Response: 169020  
Conc: 7.55 ng/ml



#7 AR-1016-5

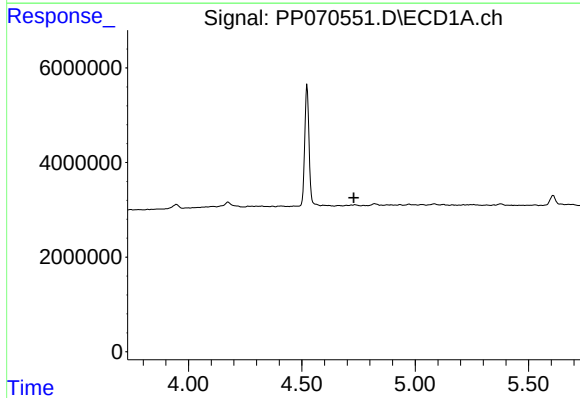
R.T.: 0.000 min  
Exp R.T.: 6.151 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



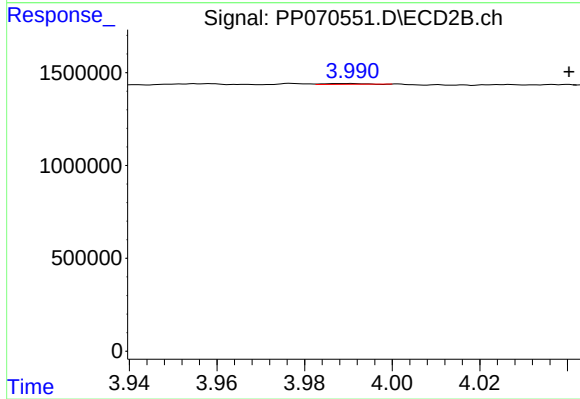
#7 AR-1016-5

R.T.: 5.360 min  
Delta R.T.: -0.009 min  
Response: 380457  
Conc: 12.80 ng/ml



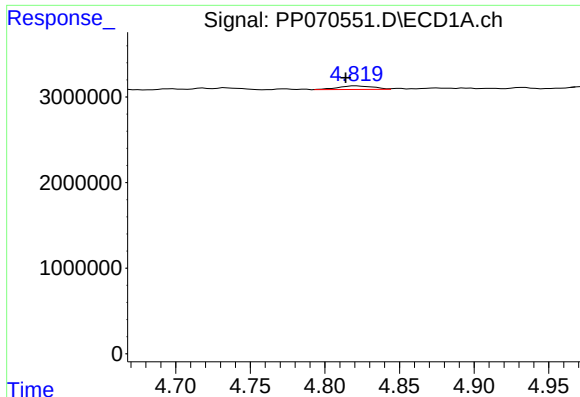
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 4.728 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

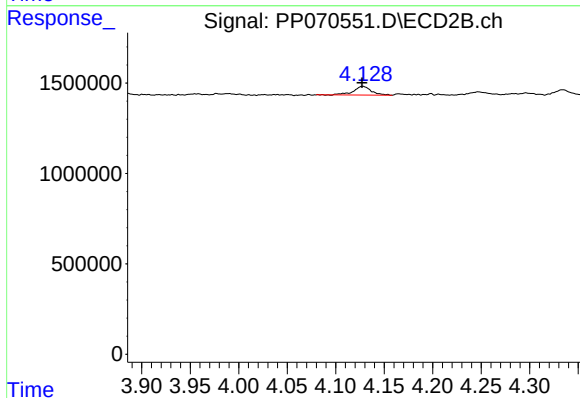
R.T.: 3.989 min  
Delta R.T.: -0.051 min  
Response: 24582  
Conc: 1.65 ng/ml



#9 AR-1221-2

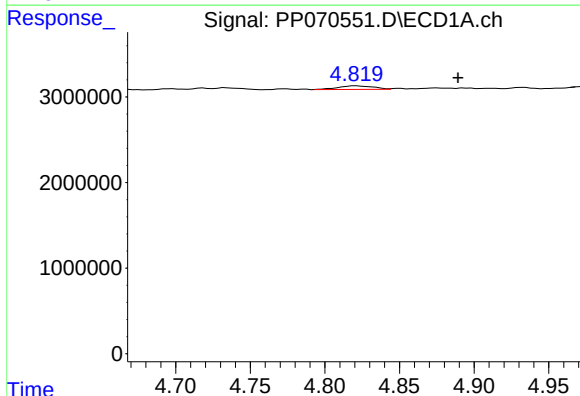
R.T.: 4.821 min  
Delta R.T.: 0.007 min  
Response: 716880  
Conc: 49.07 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



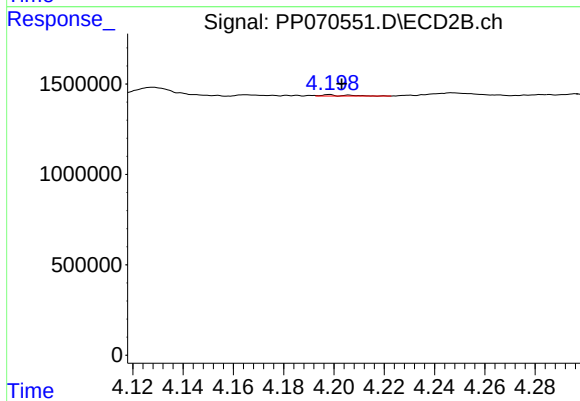
#9 AR-1221-2

R.T.: 4.128 min  
Delta R.T.: 0.000 min  
Response: 616381  
Conc: 53.93 ng/ml



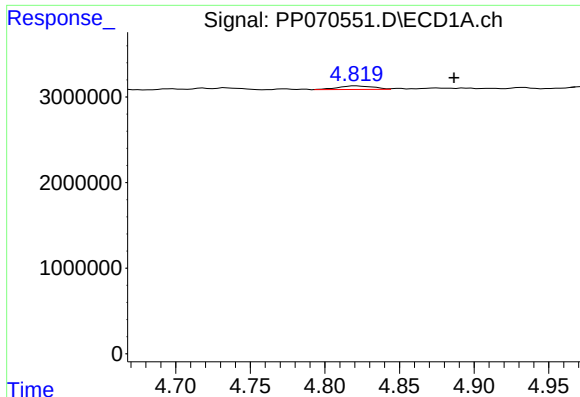
#10 AR-1221-3

R.T.: 4.821 min  
Delta R.T.: -0.068 min  
Response: 716880  
Conc: 16.16 ng/ml



#10 AR-1221-3

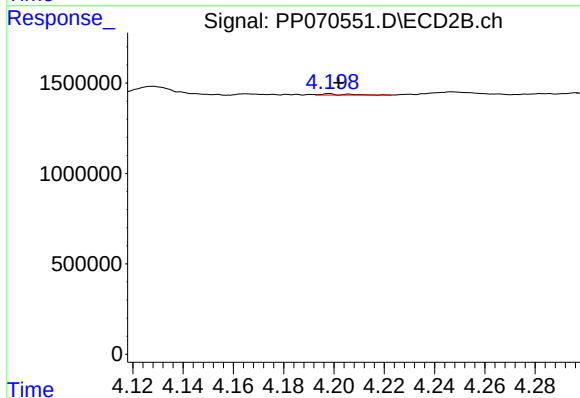
R.T.: 4.198 min  
Delta R.T.: -0.005 min  
Response: 50181  
Conc: 1.50 ng/ml



#11 AR-1232-1

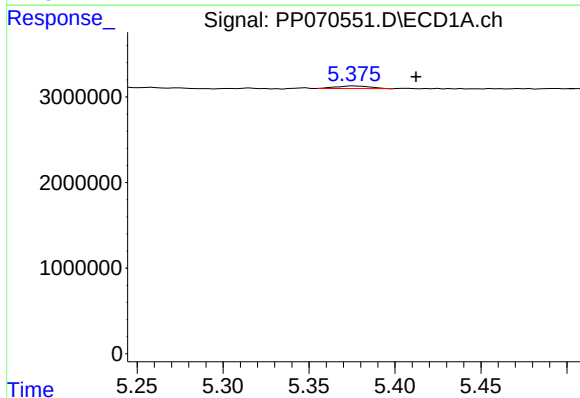
R.T.: 4.821 min  
Delta R.T.: -0.066 min  
Response: 716880  
Conc: 20.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



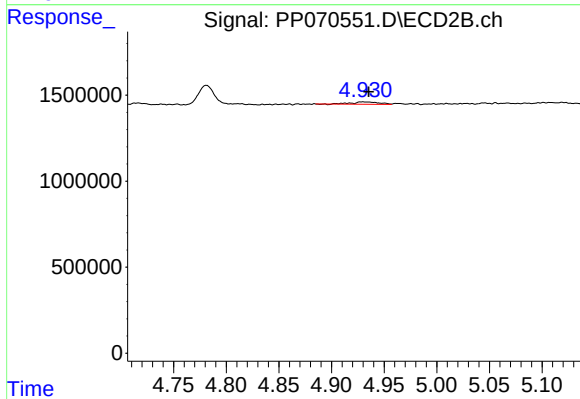
#11 AR-1232-1

R.T.: 4.198 min  
Delta R.T.: -0.004 min  
Response: 50181  
Conc: 1.91 ng/ml



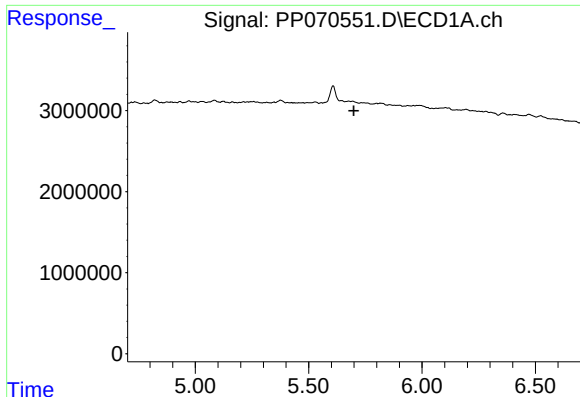
#12 AR-1232-2

R.T.: 5.376 min  
Delta R.T.: -0.036 min  
Response: 430507  
Conc: 25.52 ng/ml



#12 AR-1232-2

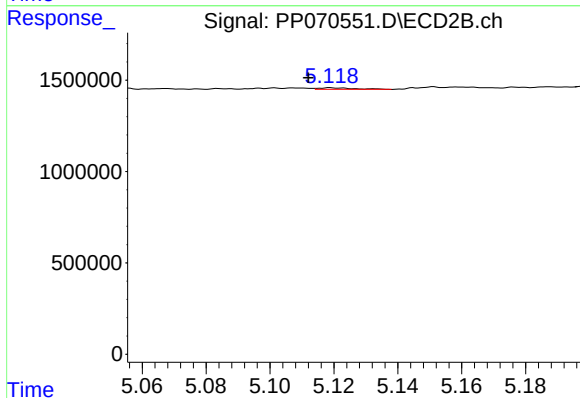
R.T.: 4.930 min  
Delta R.T.: -0.005 min  
Response: 242334  
Conc: 9.39 ng/ml



#13 AR-1232-3

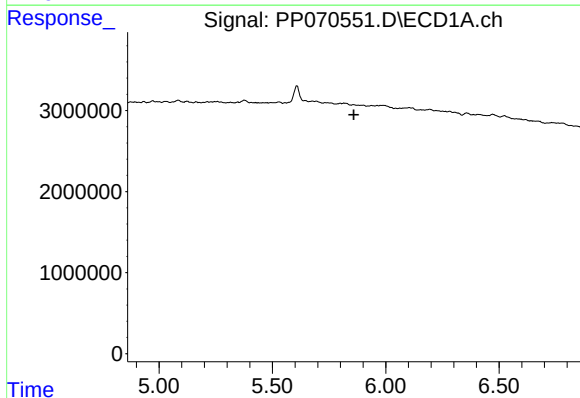
R.T.: 0.000 min  
Exp R.T.: 5.698 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



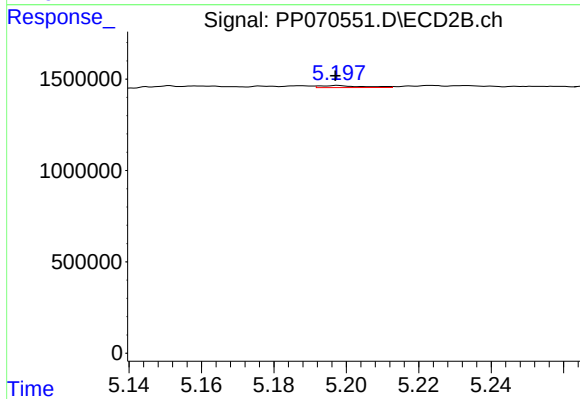
#13 AR-1232-3

R.T.: 5.119 min  
Delta R.T.: 0.007 min  
Response: 61454  
Conc: 4.39 ng/ml



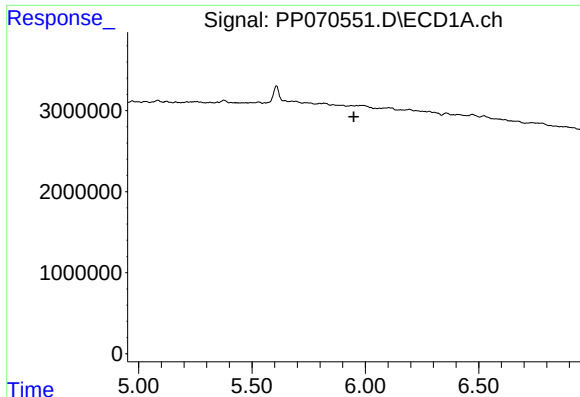
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.859 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

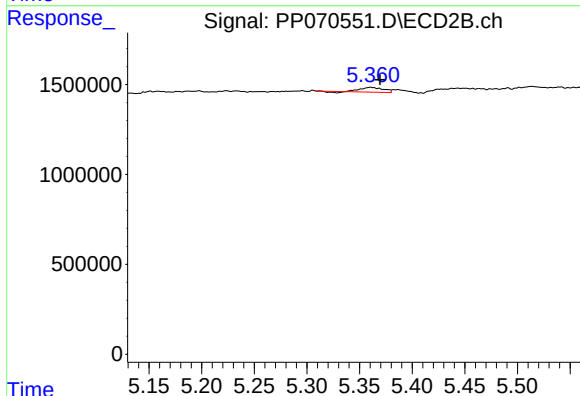
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 90297  
Conc: 7.71 ng/ml



#15 AR-1232-5

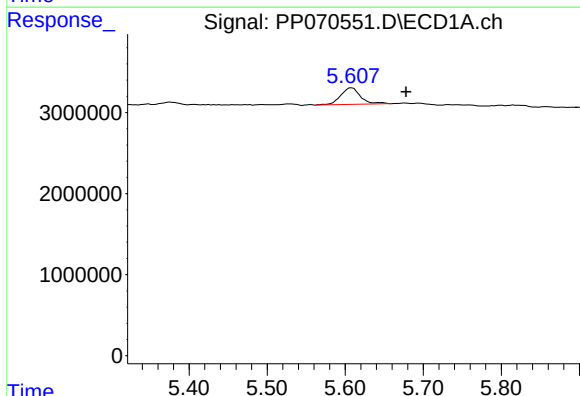
R.T.: 0.000 min  
Exp R.T.: 5.949 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



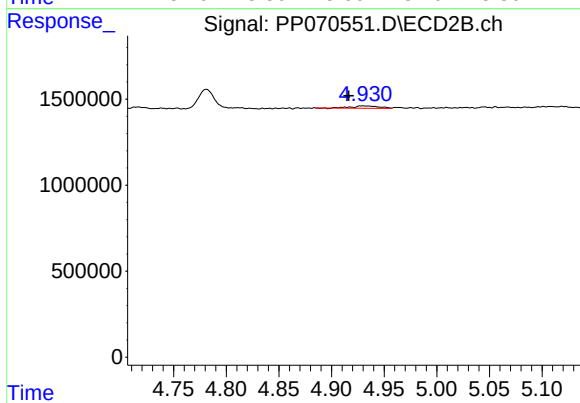
#15 AR-1232-5

R.T.: 5.360 min  
Delta R.T.: -0.009 min  
Response: 380457  
Conc: 29.11 ng/ml



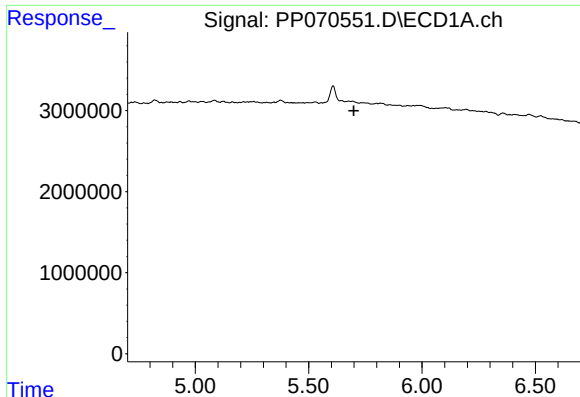
#16 AR-1242-1

R.T.: 5.608 min  
Delta R.T.: -0.070 min  
Response: 3610876  
Conc: 81.24 ng/ml



#16 AR-1242-1

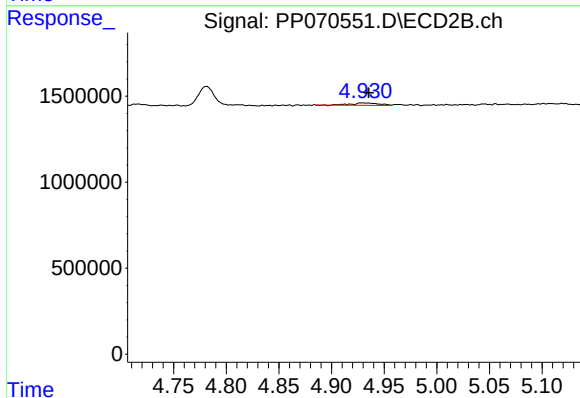
R.T.: 4.930 min  
Delta R.T.: 0.014 min  
Response: 242334  
Conc: 7.92 ng/ml



#17 AR-1242-2

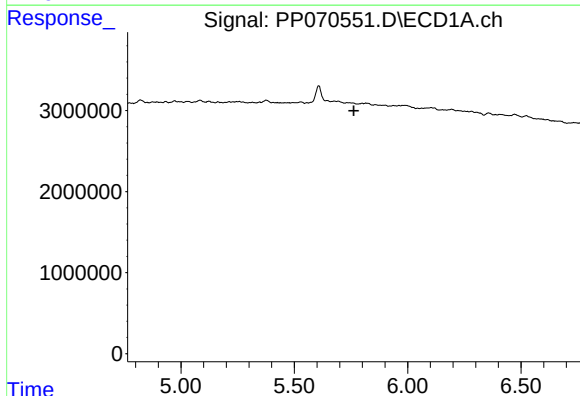
R.T.: 0.000 min  
Exp R.T.: 5.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



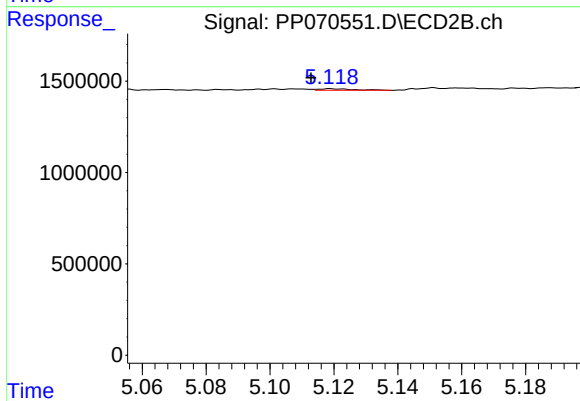
#17 AR-1242-2

R.T.: 4.930 min  
Delta R.T.: -0.005 min  
Response: 242334  
Conc: 5.56 ng/ml



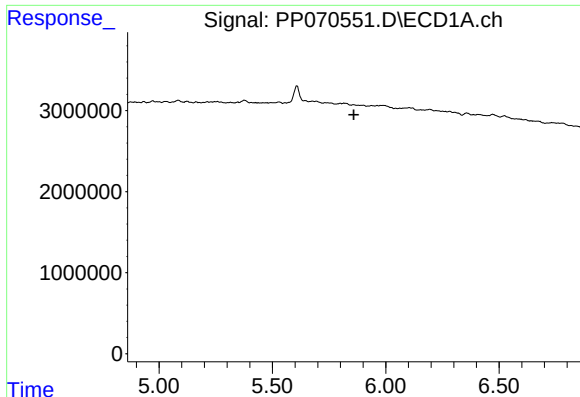
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.762 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

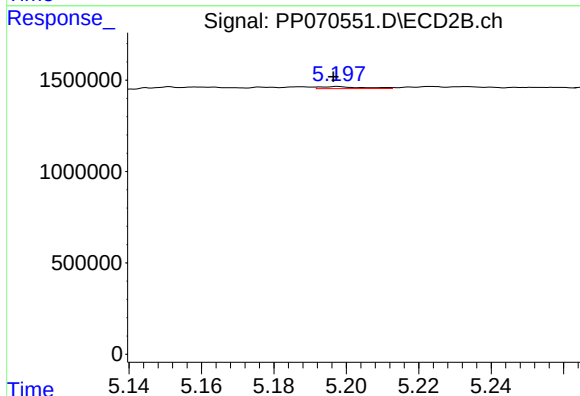
R.T.: 5.119 min  
Delta R.T.: 0.006 min  
Response: 61454  
Conc: 2.58 ng/ml



#19 AR-1242-4

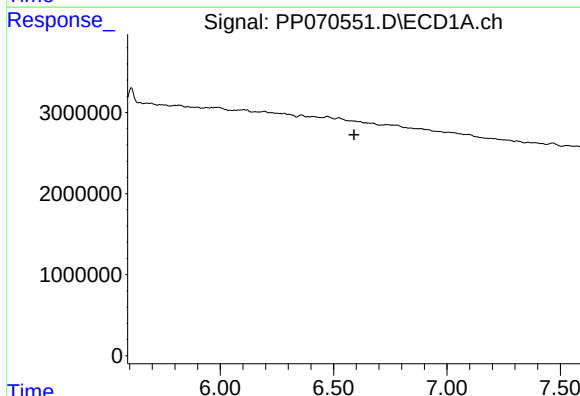
R.T.: 0.000 min  
Exp R.T.: 5.859 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



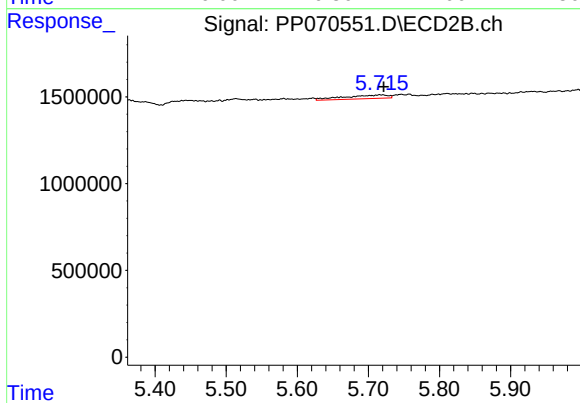
#19 AR-1242-4

R.T.: 5.198 min  
Delta R.T.: 0.001 min  
Response: 90297  
Conc: 4.10 ng/ml



#20 AR-1242-5

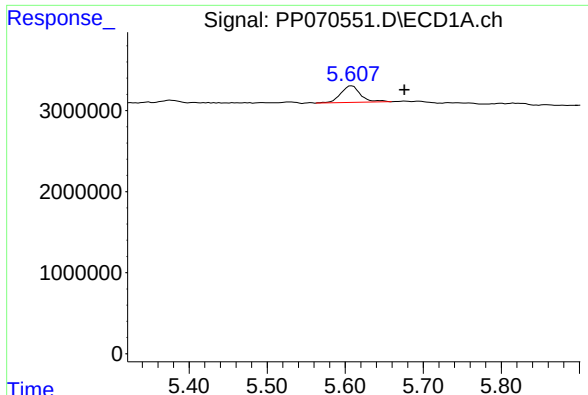
R.T.: 0.000 min  
Exp R.T.: 6.590 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

R.T.: 5.716 min  
Delta R.T.: -0.006 min  
Response: 905205  
Conc: 32.42 ng/ml

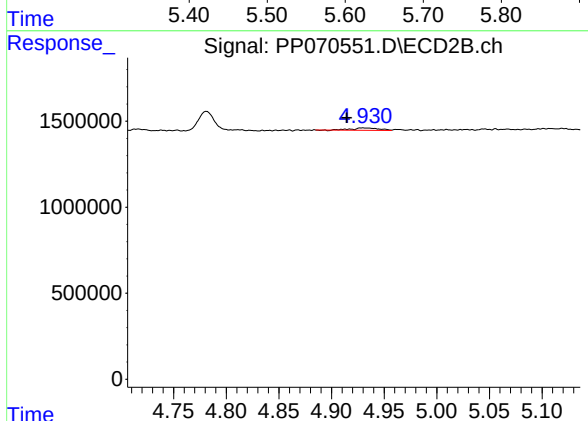




#21 AR-1248-1

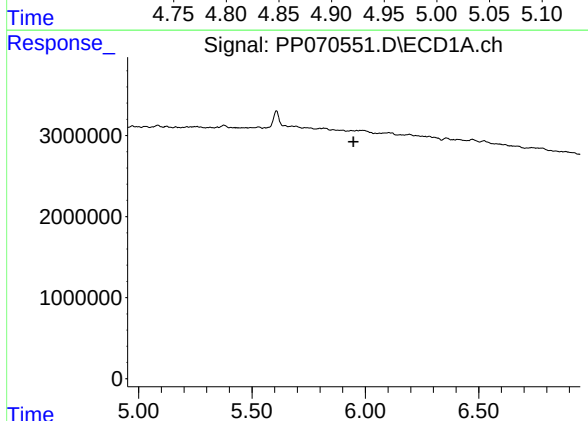
R.T.: 5.608 min  
Delta R.T.: -0.068 min  
Response: 3610876  
Conc: 105.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



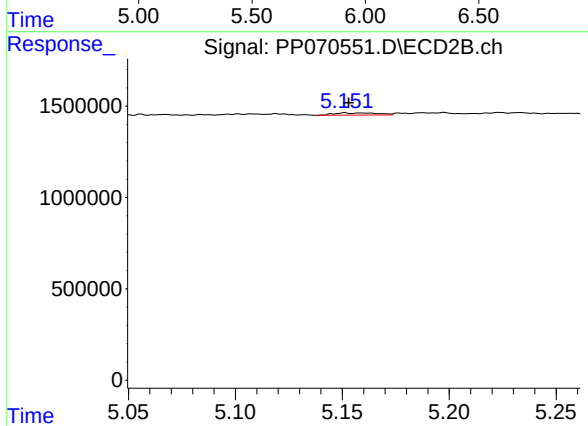
#21 AR-1248-1

R.T.: 4.930 min  
Delta R.T.: 0.015 min  
Response: 242334  
Conc: 10.32 ng/ml



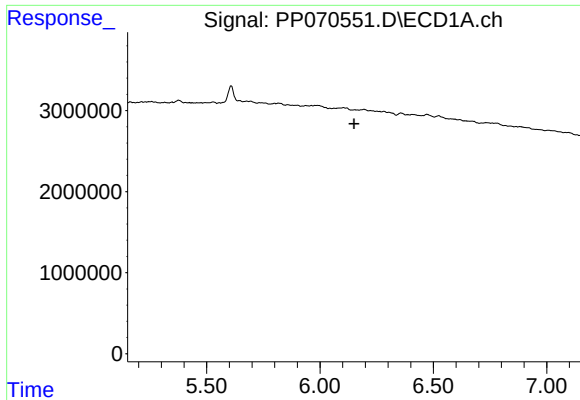
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.948 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

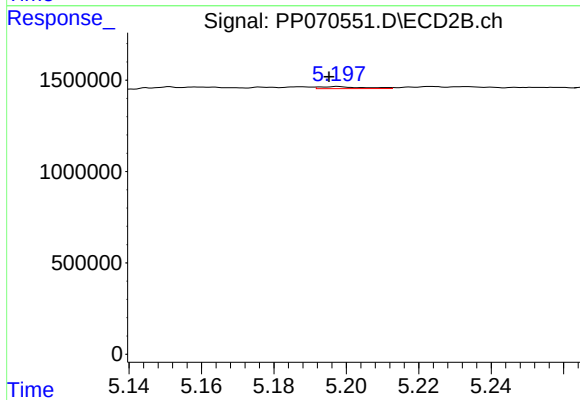
R.T.: 5.151 min  
Delta R.T.: -0.002 min  
Response: 169020  
Conc: 5.40 ng/ml



#23 AR-1248-3

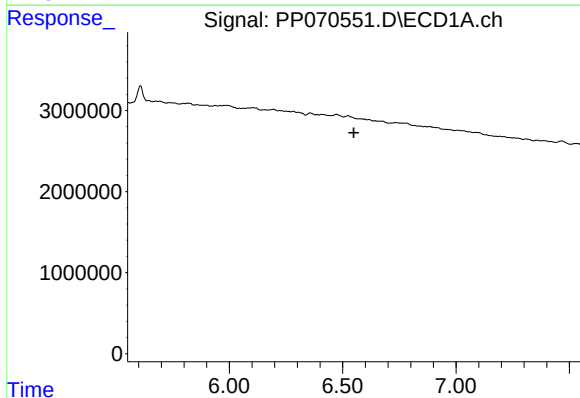
R.T.: 0.000 min  
Exp R.T.: 6.151 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



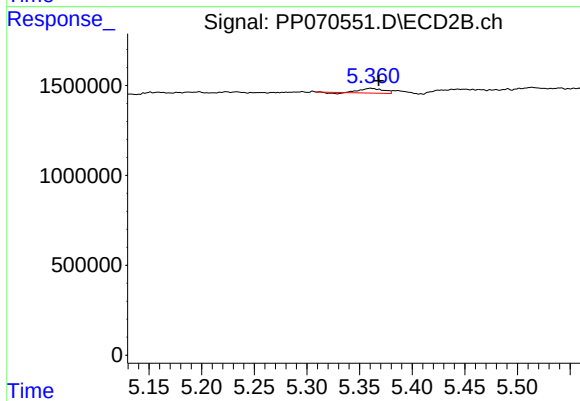
#23 AR-1248-3

R.T.: 5.198 min  
Delta R.T.: 0.002 min  
Response: 90297  
Conc: 2.85 ng/ml



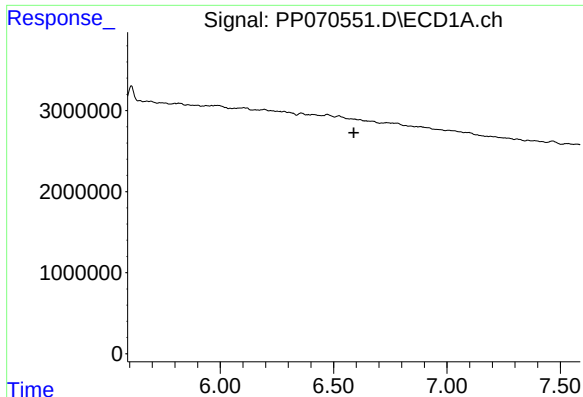
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.550 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

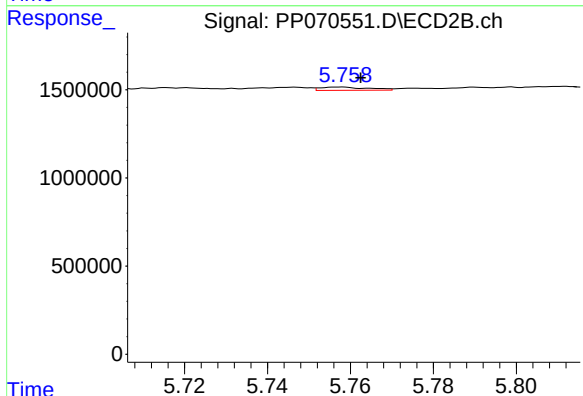
R.T.: 5.360 min  
Delta R.T.: -0.008 min  
Response: 380457  
Conc: 9.76 ng/ml



#25 AR-1248-5

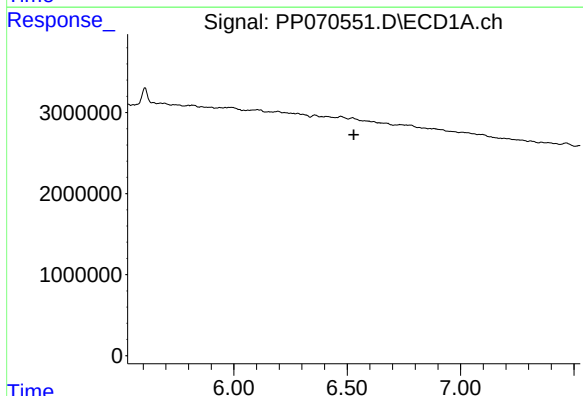
R.T.: 0.000 min  
Exp R.T.: 6.589 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



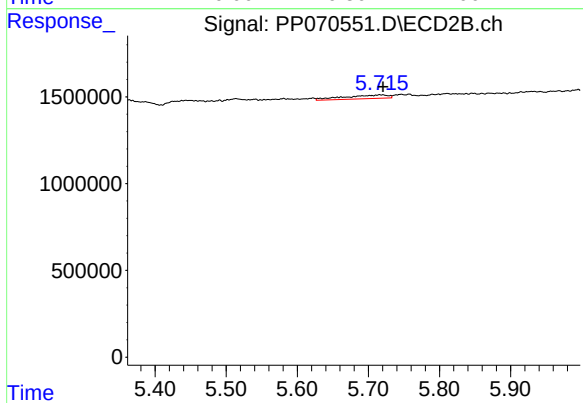
#25 AR-1248-5

R.T.: 5.758 min  
Delta R.T.: -0.005 min  
Response: 148284  
Conc: 3.89 ng/ml



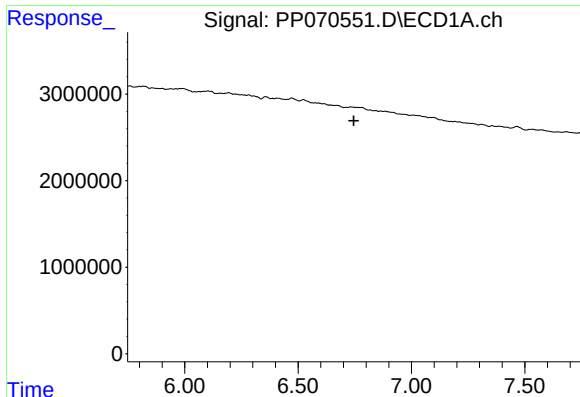
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 6.529 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

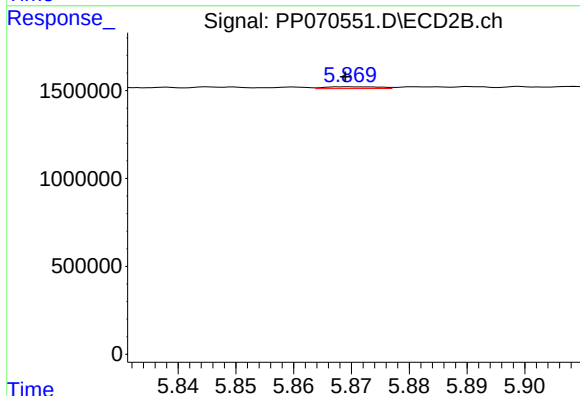
R.T.: 5.716 min  
Delta R.T.: -0.005 min  
Response: 905205  
Conc: 16.07 ng/ml



#27 AR-1254-2

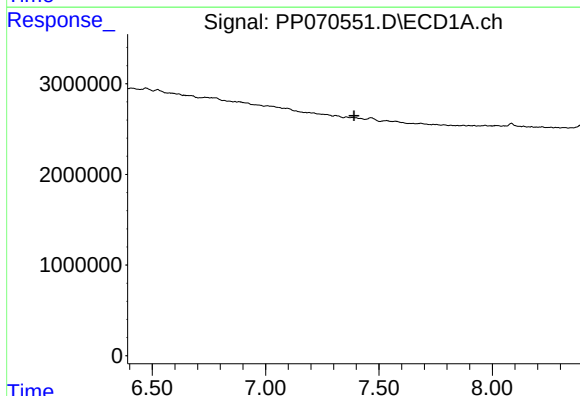
R.T.: 0.000 min  
Exp R.T.: 6.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



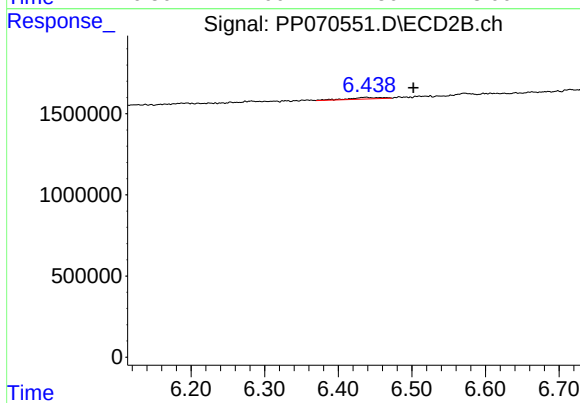
#27 AR-1254-2

R.T.: 5.870 min  
Delta R.T.: 0.000 min  
Response: 68126  
Conc: 1.39 ng/ml



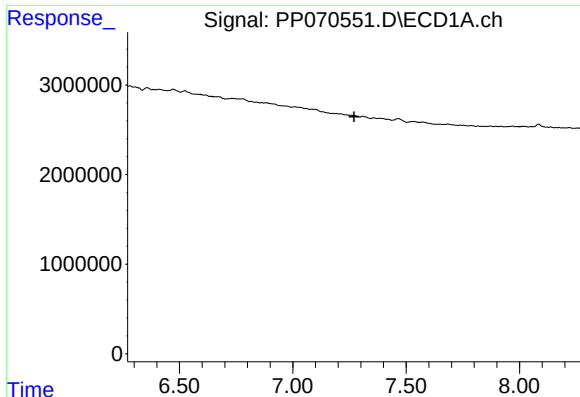
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 7.391 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

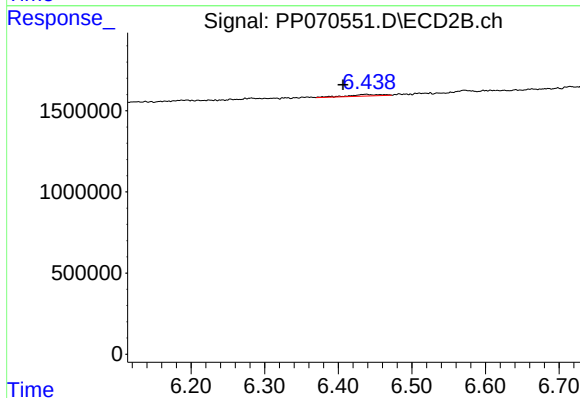
R.T.: 6.437 min  
Delta R.T.: -0.065 min  
Response: 329932  
Conc: 6.25 ng/ml



#31 AR-1260-1

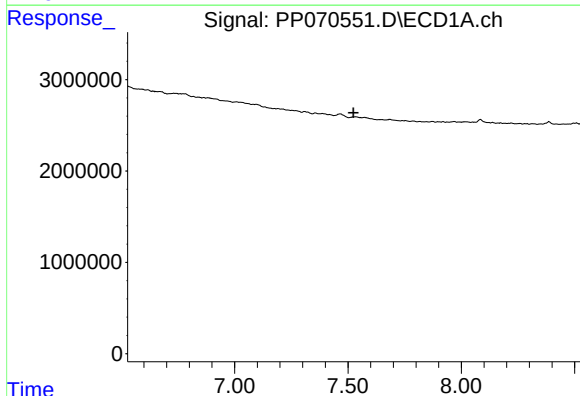
R.T.: 0.000 min  
Exp R.T.: 7.271 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



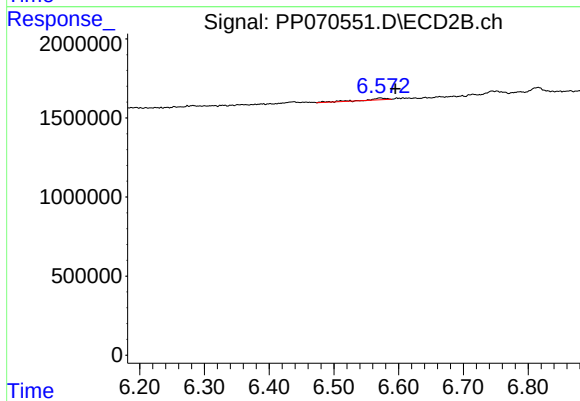
#31 AR-1260-1

R.T.: 6.437 min  
Delta R.T.: 0.030 min  
Response: 329932  
Conc: 6.63 ng/ml



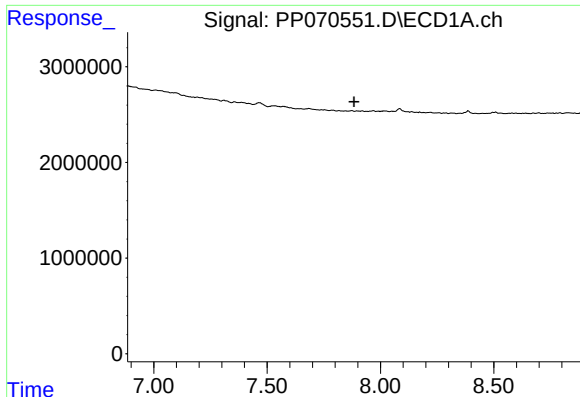
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 7.525 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

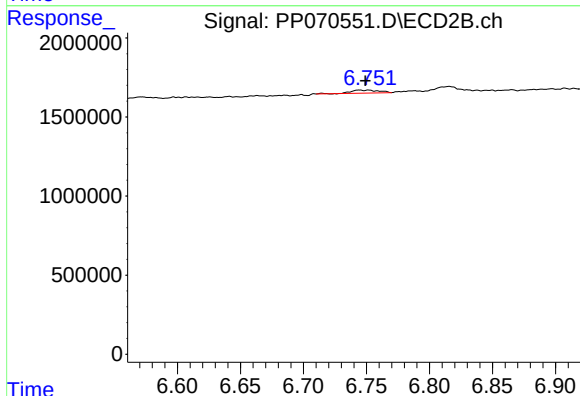
R.T.: 6.572 min  
Delta R.T.: -0.023 min  
Response: 235031  
Conc: 3.56 ng/ml



#33 AR-1260-3

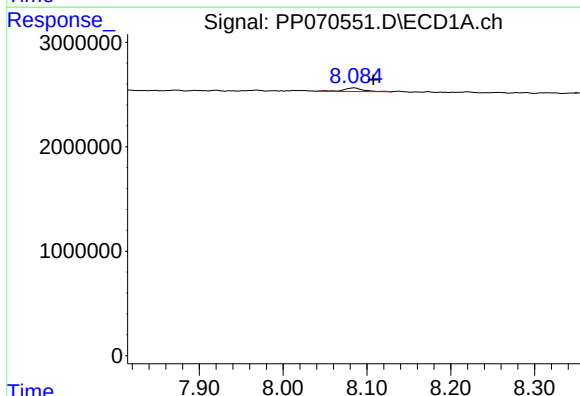
R.T.: 0.000 min  
Exp R.T.: 7.883 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



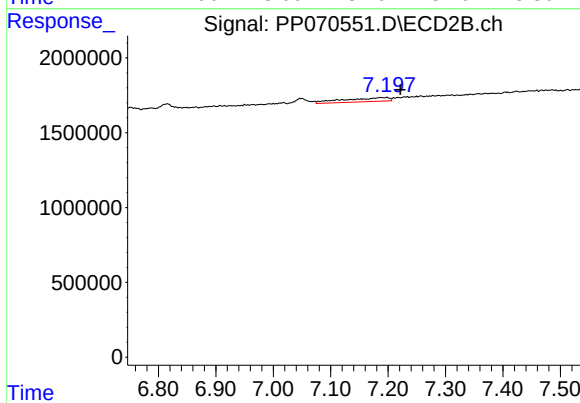
#33 AR-1260-3

R.T.: 6.746 min  
Delta R.T.: -0.003 min  
Response: 286552  
Conc: 5.01 ng/ml



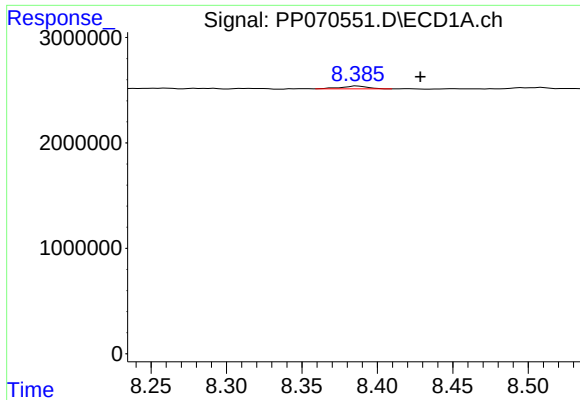
#34 AR-1260-4

R.T.: 8.085 min  
Delta R.T.: -0.023 min  
Response: 599123  
Conc: 9.17 ng/ml



#34 AR-1260-4

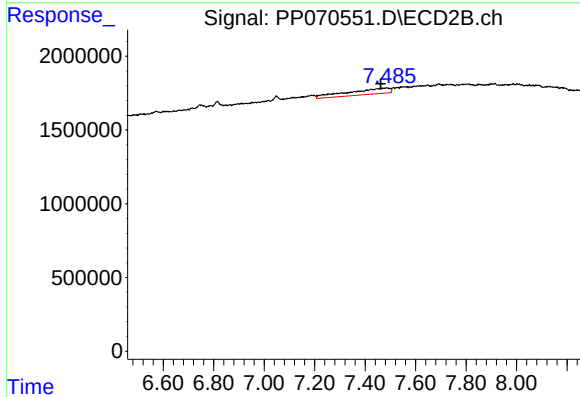
R.T.: 7.197 min  
Delta R.T.: -0.024 min  
Response: 1409956  
Conc: 27.56 ng/ml



#35 AR-1260-5

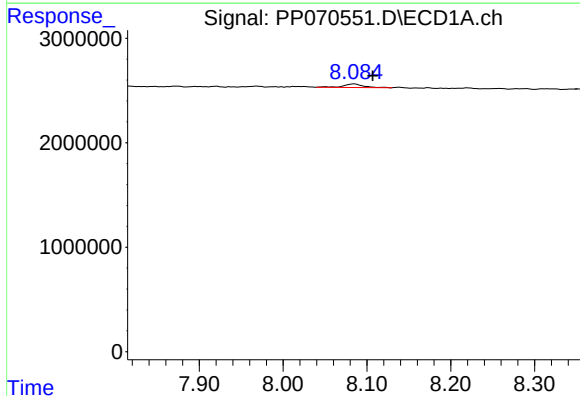
R.T.: 8.387 min  
Delta R.T.: -0.042 min  
Response: 330695  
Conc: 2.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



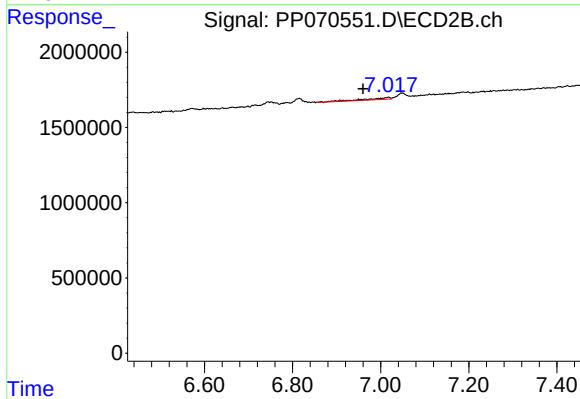
#35 AR-1260-5

R.T.: 7.486 min  
Delta R.T.: 0.024 min  
Response: 4605915  
Conc: 35.76 ng/ml



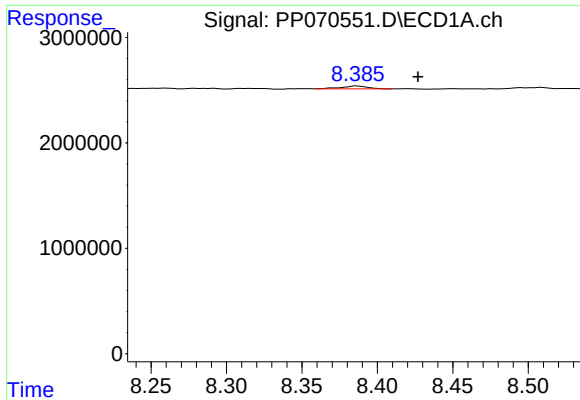
#36 AR-1262-1

R.T.: 8.085 min  
Delta R.T.: -0.022 min  
Response: 599123  
Conc: 7.33 ng/ml



#36 AR-1262-1

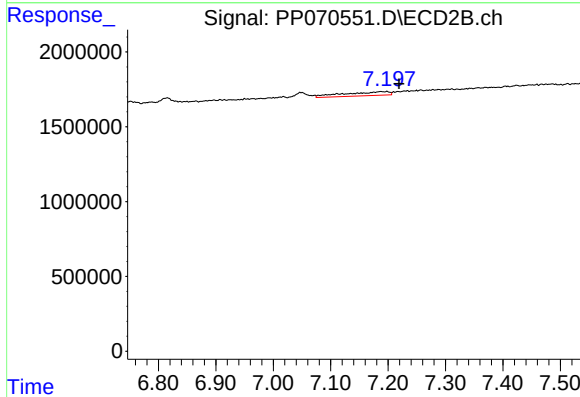
R.T.: 7.017 min  
Delta R.T.: 0.057 min  
Response: 541036  
Conc: 6.47 ng/ml



#37 AR-1262-2

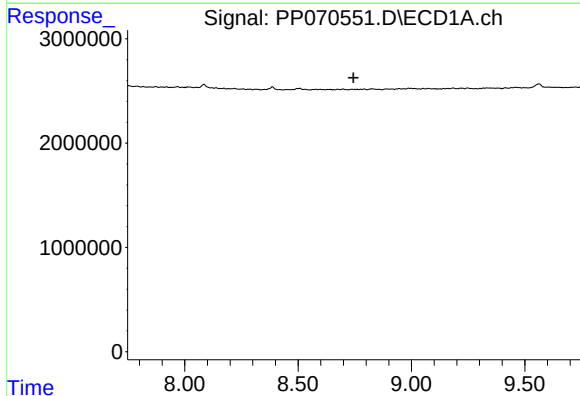
R.T.: 8.387 min  
Delta R.T.: -0.040 min  
Response: 330695  
Conc: 2.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



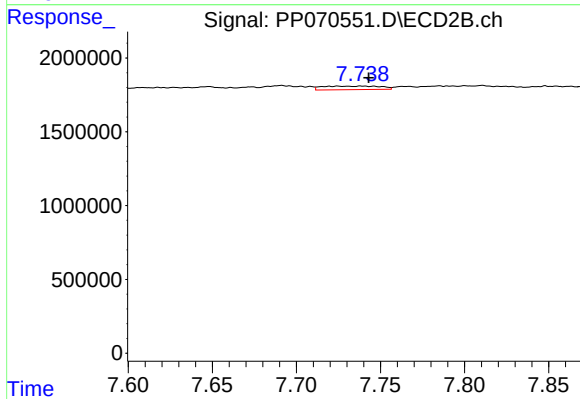
#37 AR-1262-2

R.T.: 7.197 min  
Delta R.T.: -0.022 min  
Response: 1409956  
Conc: 20.51 ng/ml



#38 AR-1262-3

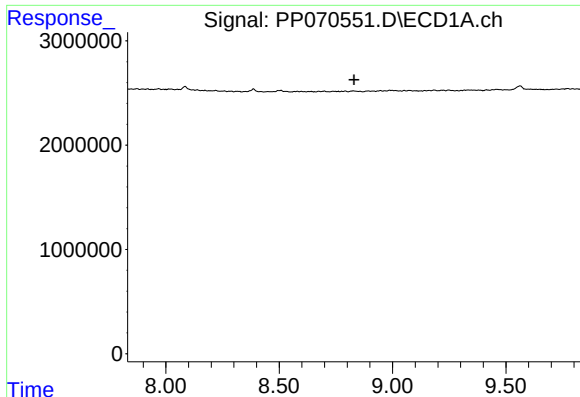
R.T.: 0.000 min  
Exp R.T. : 8.745 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

R.T.: 7.725 min  
Delta R.T.: -0.018 min  
Response: 582600  
Conc: 8.83 ng/ml

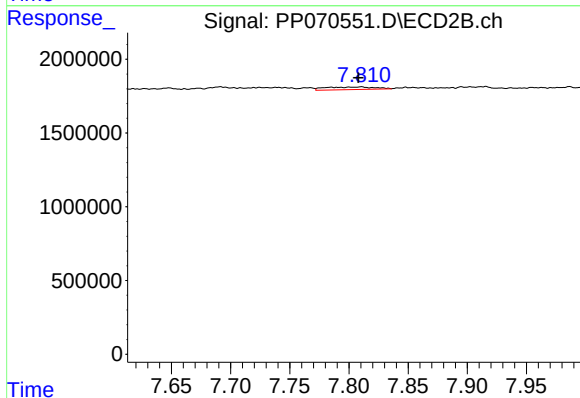




#39 AR-1262-4

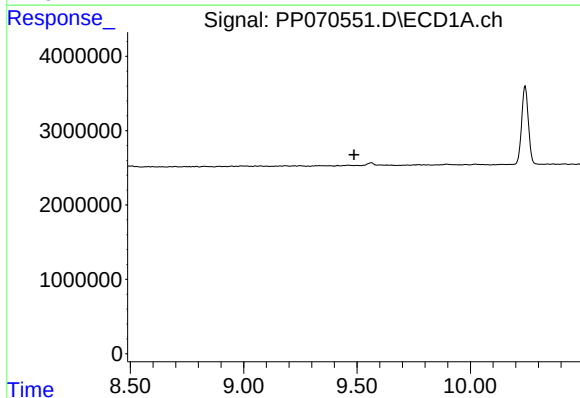
R.T.: 0.000 min  
Exp R.T.: 8.830 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



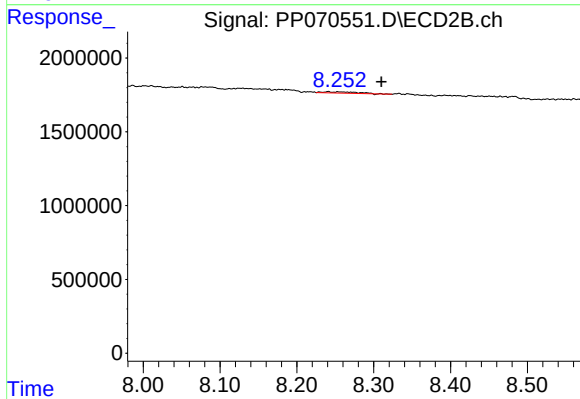
#39 AR-1262-4

R.T.: 7.810 min  
Delta R.T.: 0.002 min  
Response: 519509  
Conc: 4.97 ng/ml



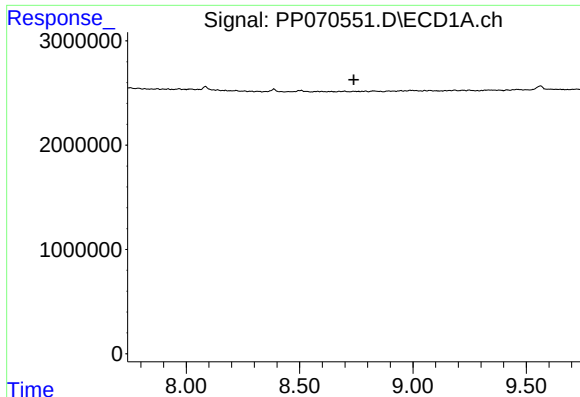
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.487 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

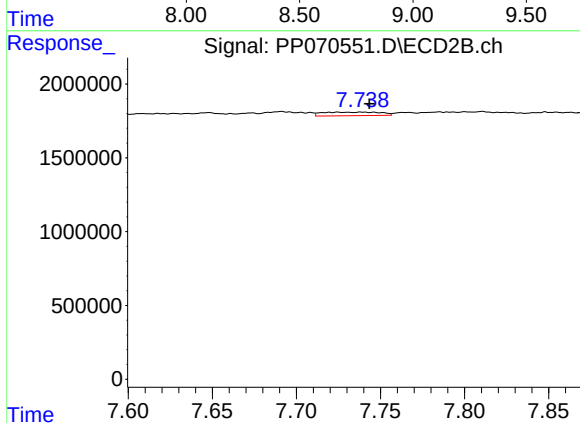
R.T.: 8.241 min  
Delta R.T.: -0.069 min  
Response: 264040  
Conc: 5.12 ng/ml



#41 AR-1268-1

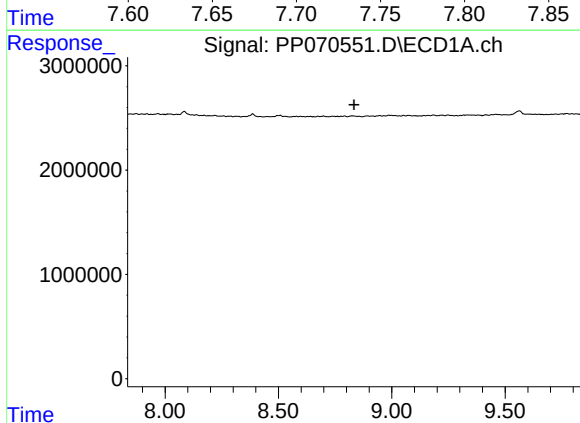
R.T.: 0.000 min  
Exp R.T.: 8.740 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



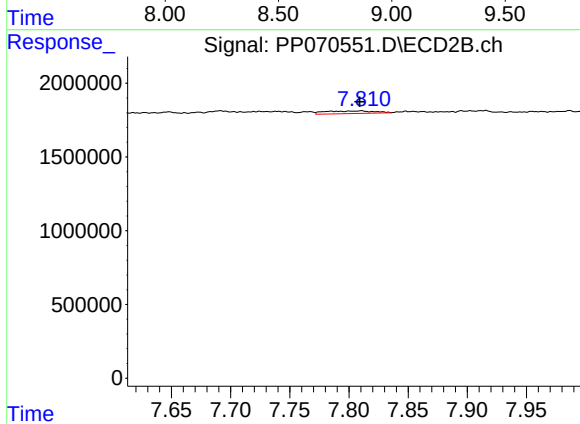
#41 AR-1268-1

R.T.: 7.725 min  
Delta R.T.: -0.018 min  
Response: 582600  
Conc: 3.33 ng/ml



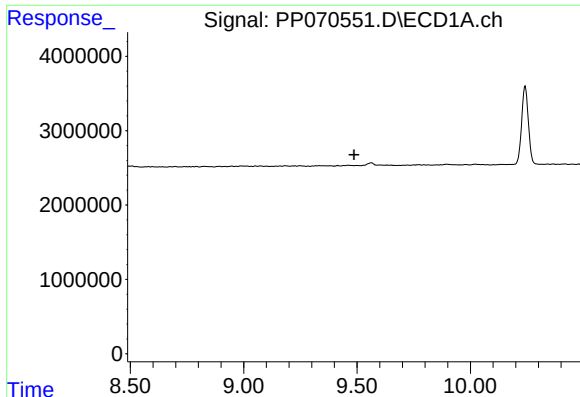
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.833 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

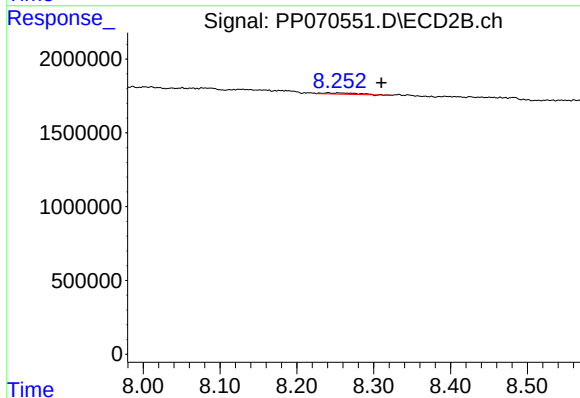
R.T.: 7.810 min  
Delta R.T.: 0.000 min  
Response: 519509  
Conc: 3.56 ng/ml



#44 AR-1268-4

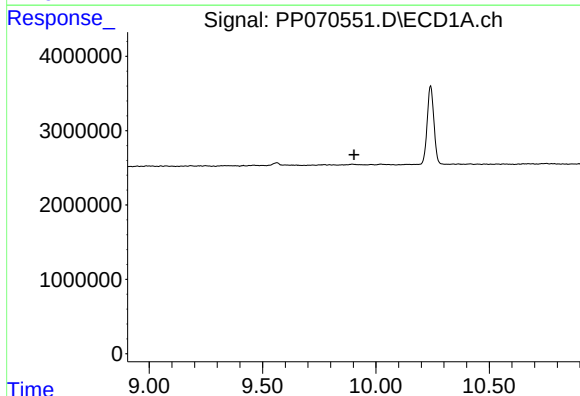
R.T.: 0.000 min  
Exp R.T.: 9.487 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
TAP-IDW-SOIL-031325-02



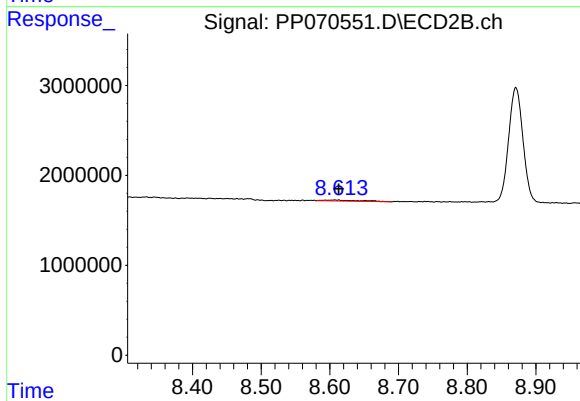
#44 AR-1268-4

R.T.: 8.241 min  
Delta R.T.: -0.069 min  
Response: 264040  
Conc: 4.80 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.904 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.608 min  
Delta R.T.: -0.005 min  
Response: 393444  
Conc: 1.07 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
 Data File : PP070564.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Mar 2025 03:29  
 Operator : YP\AJ  
 Sample : Q1572-06MS  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 C0018MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 04:29:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml      | ng/ml       |
|-----------------------------|-----------------|--------|-------|----------|----------|------------|-------------|
| -----                       |                 |        |       |          |          |            |             |
| System Monitoring Compounds |                 |        |       |          |          |            |             |
| 1)                          | SA Tetrachlo... | 4.523  | 3.826 | 31492424 | 19015081 | 20.247     | 18.972      |
| 2)                          | SA Decachlor... | 10.242 | 8.873 | 22472108 | 36101132 | 21.153     | 36.900 #    |
| Target Compounds            |                 |        |       |          |          |            |             |
| 3)                          | L1 AR-1016-1    | 5.675  | 4.913 | 1545.8E6 | 1027.1E6 | 29811.971  | 28568.783   |
| 4)                          | L1 AR-1016-2    | 5.697  | 4.932 | 2869.3E6 | 1817.2E6 | 40104.719  | 34967.922   |
| 5)                          | L1 AR-1016-3    | 5.762  | 5.109 | 286.7E6  | 860.8E6  | 6295.985   | 30253.551 # |
| 6)                          | L1 AR-1016-4    | 5.855  | 5.150 | 1261.6E6 | 998.4E6  | 32317.971  | 44590.873 # |
| 7)                          | L1 AR-1016-5    | 6.148  | 5.365 | 1926.6E6 | 1421.1E6 | 55647.491  | 47818.941   |
| 8)                          | L2 AR-1221-1    | 4.722  | 4.033 | 2964483  | 2755504  | 148.670    | 185.150     |
| 9)                          | L2 AR-1221-2    | 4.808  | 4.123 | 3075280  | 3463433  | 210.510    | 303.036 #   |
| 10)                         | L2 AR-1221-3    | 4.884  | 4.199 | 19155648 | 15130752 | 431.777    | 452.722     |
| 11)                         | L3 AR-1232-1    | 4.884  | 4.199 | 19155648 | 15130752 | 538.724    | 575.101     |
| 12)                         | L3 AR-1232-2    | 5.410  | 4.932 | 579.4E6  | 1817.2E6 | 34346.707  | 70399.820 # |
| 13)                         | L3 AR-1232-3    | 5.697  | 5.109 | 2869.3E6 | 860.8E6  | 78460.744  | 61447.625   |
| 14)                         | L3 AR-1232-4    | 5.855  | 5.192 | 1261.6E6 | 1118.7E6 | 66421.063  | 95516.859 # |
| 15)                         | L3 AR-1232-5    | 5.946  | 5.365 | 1587.1E6 | 1421.1E6 | 122038.405 | 108748.496  |
| 16)                         | L4 AR-1242-1    | 5.675  | 4.913 | 1545.8E6 | 1027.1E6 | 34776.988  | 33553.502   |
| 17)                         | L4 AR-1242-2    | 5.697  | 4.932 | 2869.3E6 | 1817.2E6 | 46745.616  | 41680.450   |
| 18)                         | L4 AR-1242-3    | 5.762  | 5.109 | 286.7E6  | 860.8E6  | 7727.678   | 36119.695 # |
| 19)                         | L4 AR-1242-4    | 5.855  | 5.192 | 1261.6E6 | 1118.7E6 | 39262.395  | 50752.734 # |
| 20)                         | L4 AR-1242-5    | 6.586  | 5.718 | 2198.5E6 | 1785.2E6 | 70811.255  | 63935.906   |
| 21)                         | L5 AR-1248-1    | 5.675  | 4.913 | 1545.8E6 | 1027.1E6 | 45256.716  | 43752.792   |
| 22)                         | L5 AR-1248-2    | 5.946  | 5.150 | 1587.1E6 | 998.4E6  | 37389.363  | 31893.782   |
| 23)                         | L5 AR-1248-3    | 6.148  | 5.192 | 1926.6E6 | 1118.7E6 | 41748.317  | 35266.768   |
| 24)                         | L5 AR-1248-4    | 6.547  | 5.365 | 2211.6E6 | 1421.1E6 | 38136.398  | 36464.194   |
| 25)                         | L5 AR-1248-5    | 6.586  | 5.759 | 2198.5E6 | 1430.4E6 | 40950.306  | 37557.199   |
| 26)                         | L6 AR-1254-1    | 6.522  | 5.718 | 1529.0E6 | 1785.2E6 | 26703.532  | 31695.197   |
| 27)                         | L6 AR-1254-2    | 6.742  | 5.867 | 2094.3E6 | 441.1E6  | 25839.275  | 9019.174 #  |
| 28)                         | L6 AR-1254-3    | 7.103  | 6.271 | 963.5E6  | 758.4E6  | 11446.444  | 10056.291   |
| 29)                         | L6 AR-1254-4    | 7.385  | 6.499 | 732.4E6  | 523.9E6  | 10442.748  | 9931.084    |
| 30)                         | L6 AR-1254-5    | 7.801  | 6.917 | 303.4E6  | 219.3E6  | 4343.257   | 3176.045 #  |
| 31)                         | L7 AR-1260-1    | 7.268  | 6.413 | 197.7E6  | 442.5E6  | 3366.027   | 8887.571 #  |
| 32)                         | L7 AR-1260-2    | 7.520  | 6.589 | 343.1E6  | 135.4E6  | 4181.896   | 2048.218 #  |
| 33)                         | L7 AR-1260-3    | 7.878  | 6.742 | 140.0E6  | 149.3E6  | 2129.150   | 2610.828    |
| 34)                         | L7 AR-1260-4    | 8.099  | 7.215 | 174.2E6  | 76097429 | 2666.075   | 1487.338 #  |
| 35)                         | L7 AR-1260-5    | 8.424  | 7.455 | 232.7E6  | 221.6E6  | 1702.840   | 1720.632    |
| 36)                         | L8 AR-1262-1    | 8.099  | 6.953 | 174.2E6  | 78355569 | 2131.812   | 936.551 #   |
| 37)                         | L8 AR-1262-2    | 8.424  | 7.215 | 232.7E6  | 76097429 | 1412.999   | 1107.196    |
| 38)                         | L8 AR-1262-3    | 8.748  | 7.739 | 182.7E6  | 39704548 | 1628.855   | 601.710 #   |
| 39)                         | L8 AR-1262-4    | 8.814  | 7.801 | 83910500 | 166.0E6  | 1001.274   | 1589.537 #  |
| 40)                         | L8 AR-1262-5    | 9.483  | 8.303 | 60261937 | 59020756 | 1023.188   | 1144.921    |
| 41)                         | L9 AR-1268-1    | 8.748  | 7.739 | 182.7E6  | 39704548 | 921.797    | 226.790 #   |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070564.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2025 03:29  
Operator : YP\AJ  
Sample : Q1572-06MS  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 04:29:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

|     | Compound     | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----|--------------|-------|-------|----------|----------|---------|------------|
| 42) | L9 AR-1268-2 | 8.814 | 7.801 | 83910500 | 166.0E6  | 494.416 | 1136.553 # |
| 43) | L9 AR-1268-3 | 9.040 | 8.017 | 32698963 | 20467952 | 223.453 | 159.497 #  |
| 44) | L9 AR-1268-4 | 9.483 | 8.303 | 60261937 | 59020756 | 943.344 | 1073.488   |
| 45) | L9 AR-1268-5 | 9.900 | 8.605 | 20849602 | 4967037  | 49.718  | 13.496 #   |

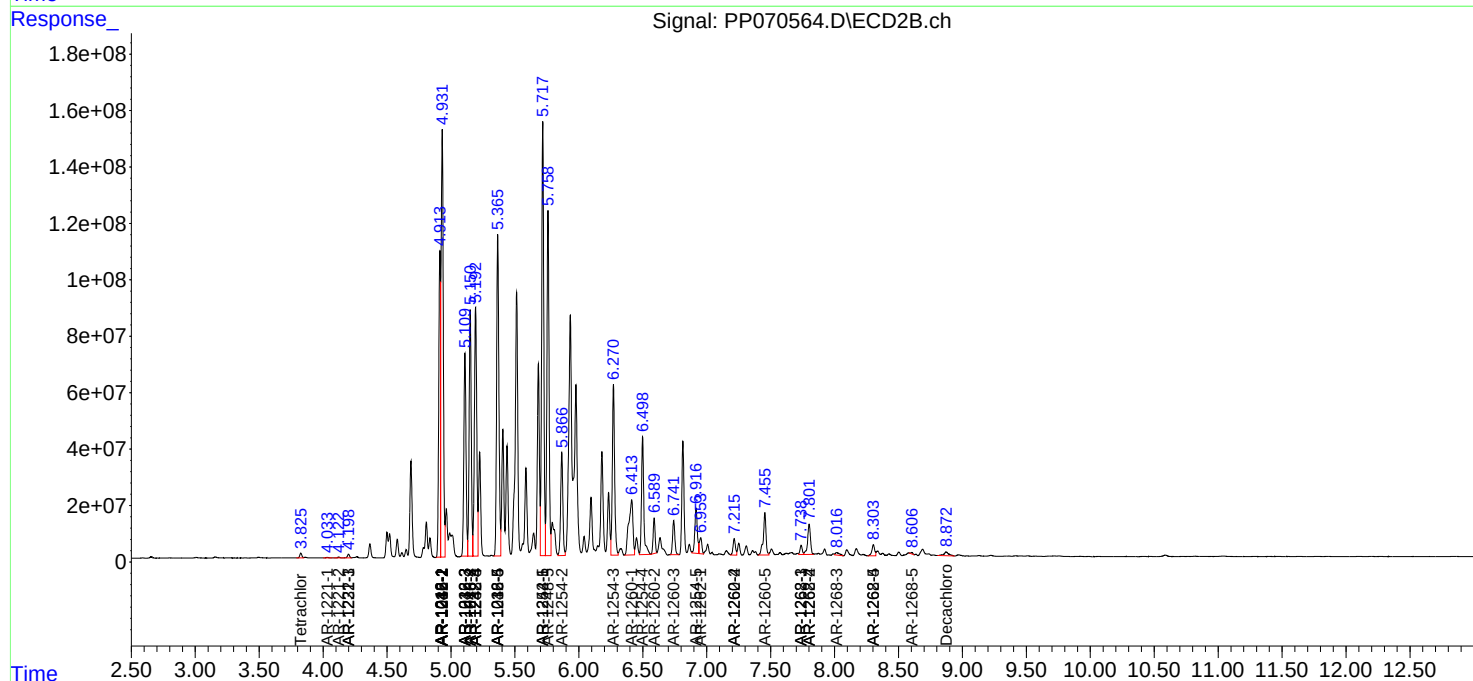
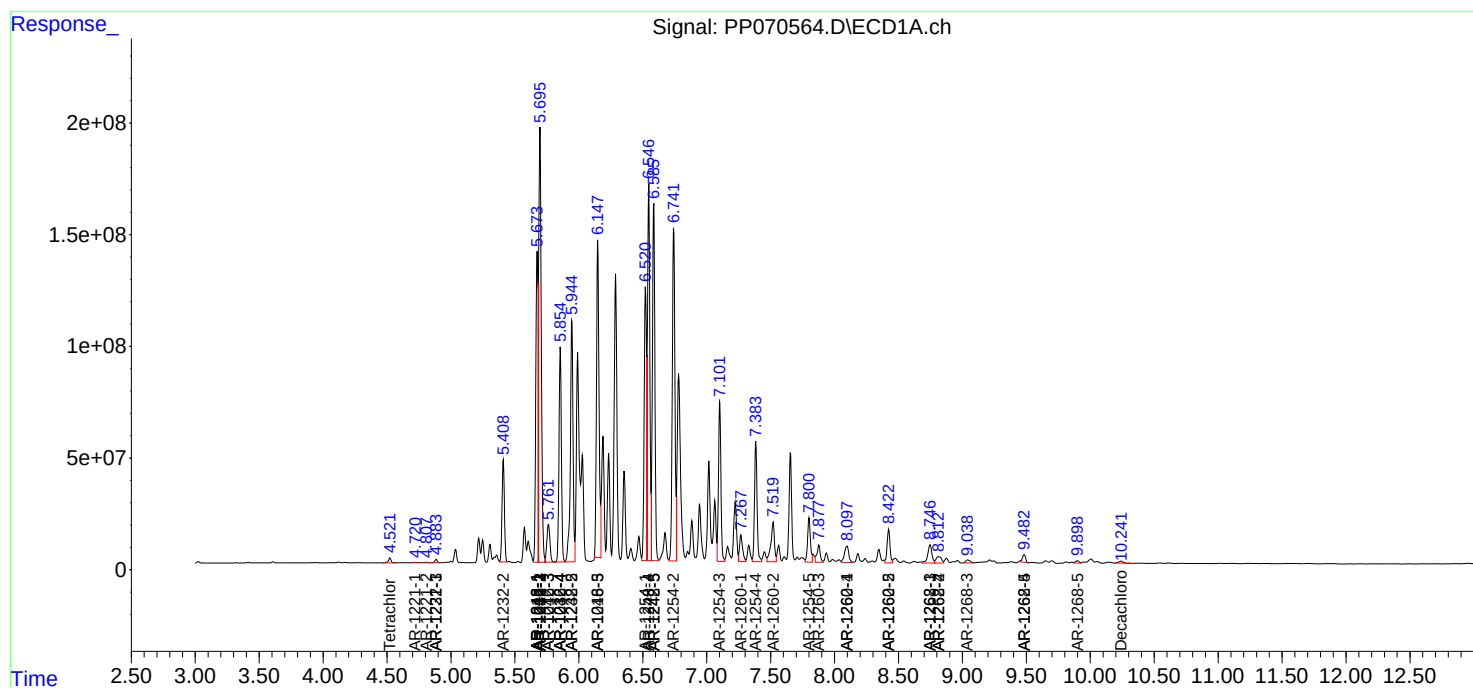
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

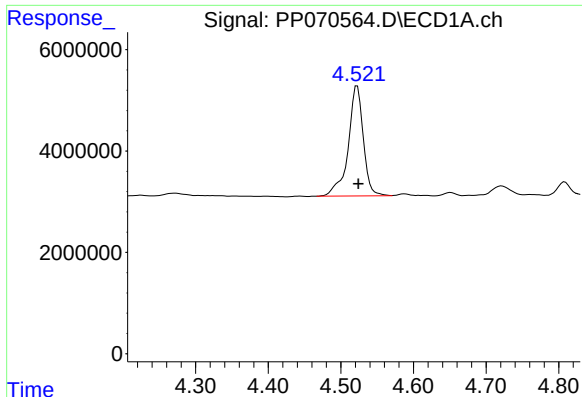
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070564.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2025 03:29  
Operator : YP\AJ  
Sample : Q1572-06MS  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
COO18MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 04:29:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

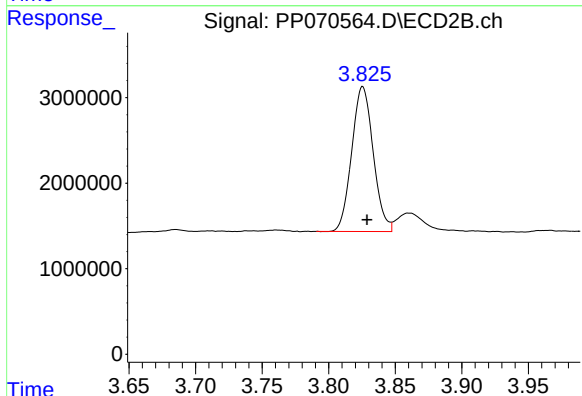




#1 Tetrachloro-m-xylene

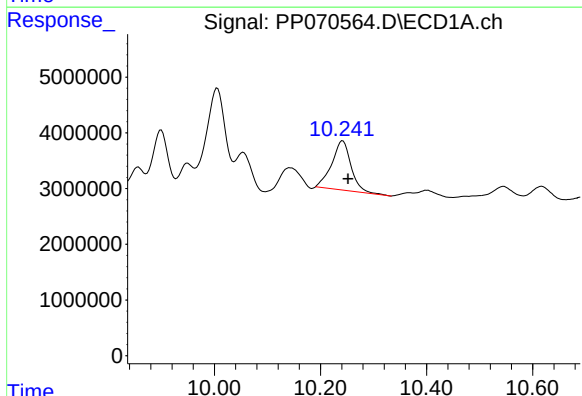
R.T.: 4.523 min  
Delta R.T.: -0.001 min  
Response: 31492424  
Conc: 20.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



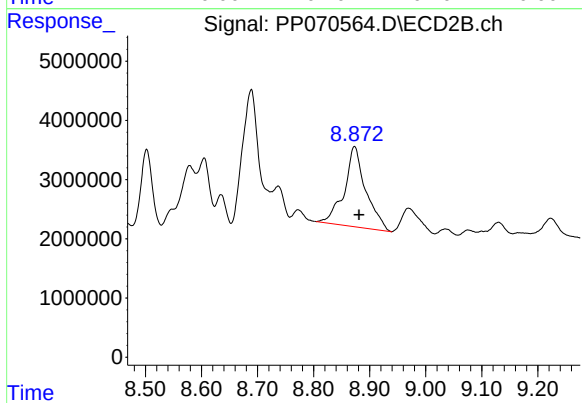
#1 Tetrachloro-m-xylene

R.T.: 3.826 min  
Delta R.T.: -0.003 min  
Response: 19015081  
Conc: 18.97 ng/ml



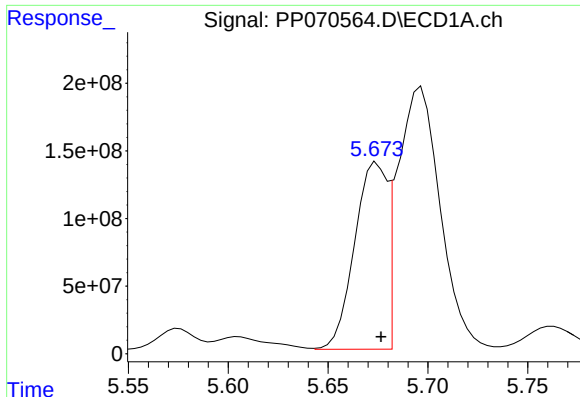
#2 Decachlorobiphenyl

R.T.: 10.242 min  
Delta R.T.: -0.010 min  
Response: 22472108  
Conc: 21.15 ng/ml



#2 Decachlorobiphenyl

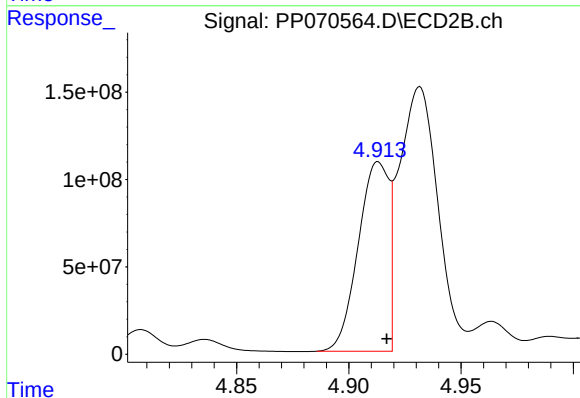
R.T.: 8.873 min  
Delta R.T.: -0.008 min  
Response: 36101132  
Conc: 36.90 ng/ml



#3 AR-1016-1

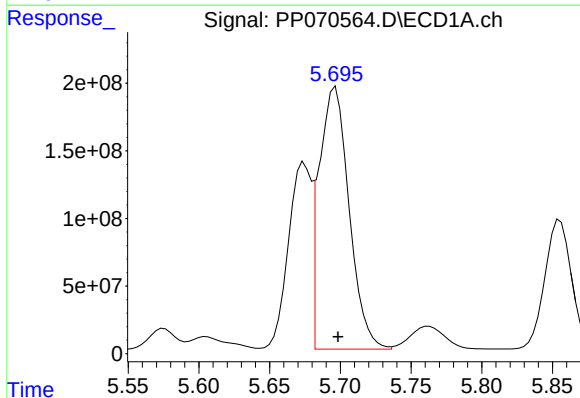
R.T.: 5.675 min  
Delta R.T.: -0.002 min  
Response: 1545786491  
Conc: 29811.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



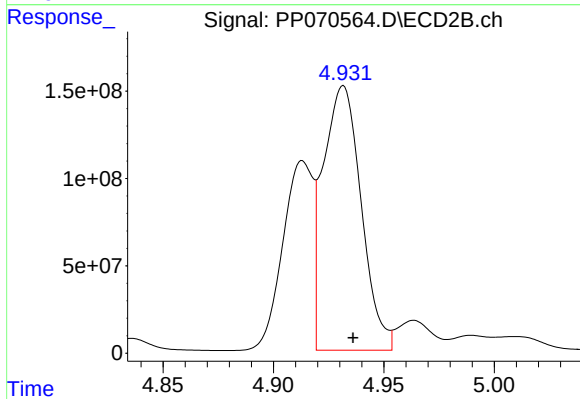
#3 AR-1016-1

R.T.: 4.913 min  
Delta R.T.: -0.004 min  
Response: 1027120106  
Conc: 28568.78 ng/ml



#4 AR-1016-2

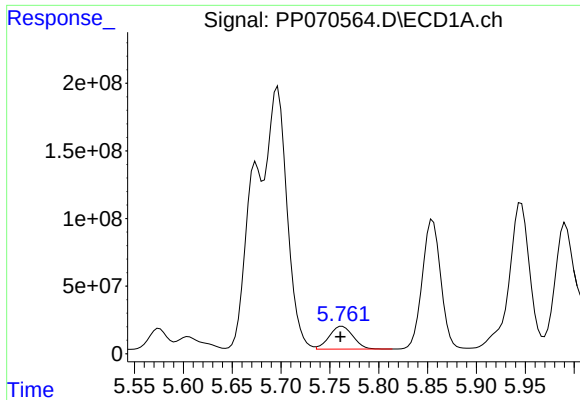
R.T.: 5.697 min  
Delta R.T.: -0.002 min  
Response: 2869285453  
Conc: 40104.72 ng/ml



#4 AR-1016-2

R.T.: 4.932 min  
Delta R.T.: -0.004 min  
Response: 1817166347  
Conc: 34967.92 ng/ml

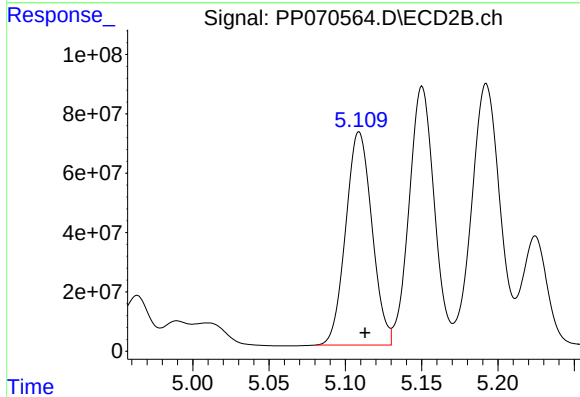




#5 AR-1016-3

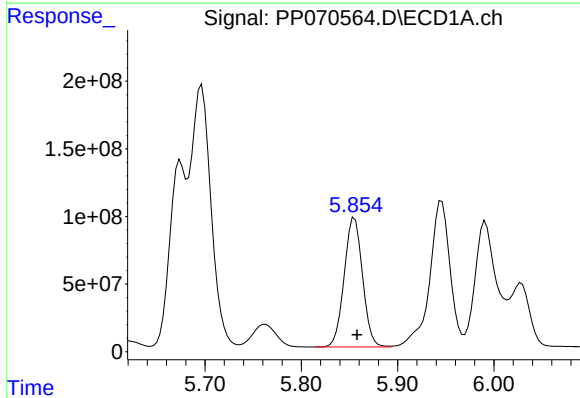
R.T.: 5.762 min  
Delta R.T.: 0.002 min  
Response: 286706144  
Conc: 6295.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



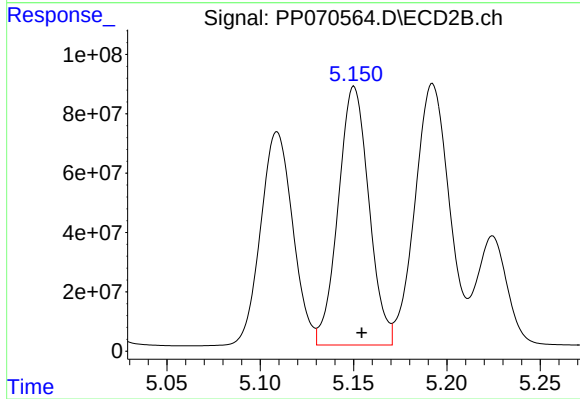
#5 AR-1016-3

R.T.: 5.109 min  
Delta R.T.: -0.004 min  
Response: 860816342  
Conc: 30253.55 ng/ml



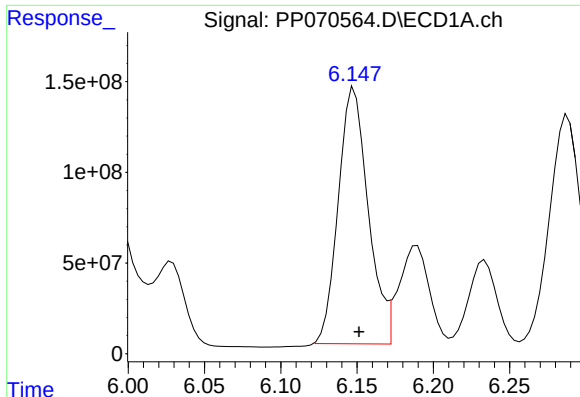
#6 AR-1016-4

R.T.: 5.855 min  
Delta R.T.: -0.003 min  
Response: 1261621657  
Conc: 32317.97 ng/ml



#6 AR-1016-4

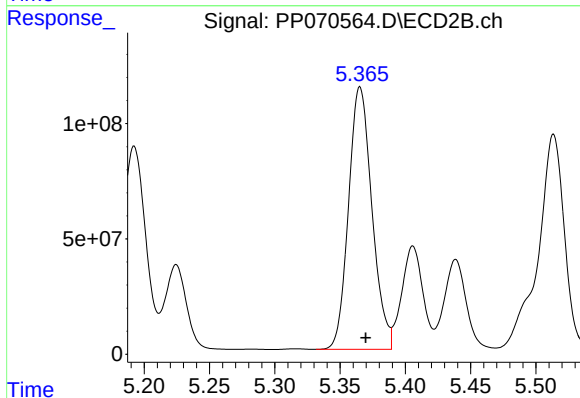
R.T.: 5.150 min  
Delta R.T.: -0.004 min  
Response: 998385300  
Conc: 44590.87 ng/ml



#7 AR-1016-5

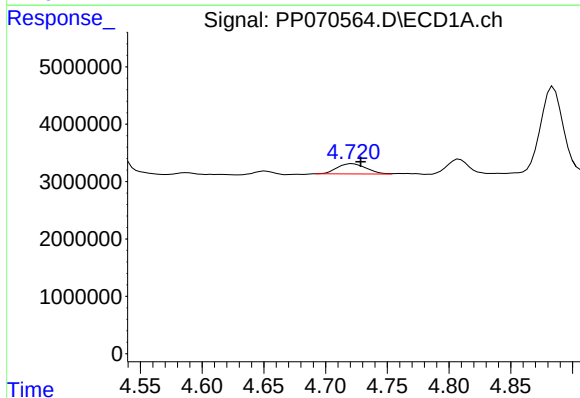
R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 1926628153  
Conc: 55647.49 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



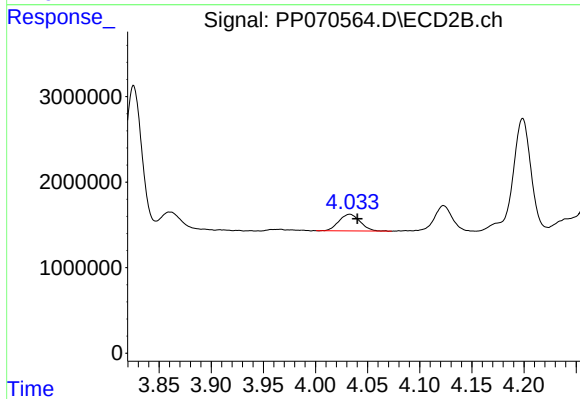
#7 AR-1016-5

R.T.: 5.365 min  
Delta R.T.: -0.004 min  
Response: 1421125264  
Conc: 47818.94 ng/ml



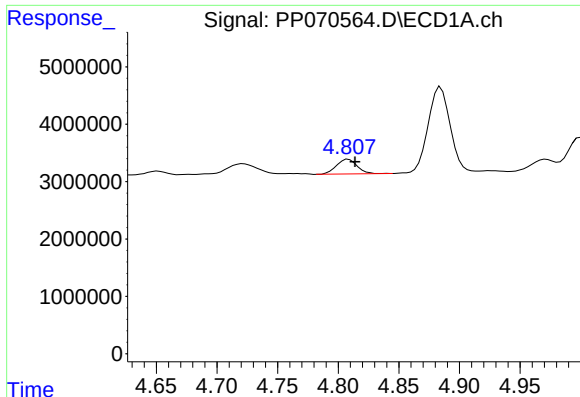
#8 AR-1221-1

R.T.: 4.722 min  
Delta R.T.: -0.007 min  
Response: 2964483  
Conc: 148.67 ng/ml



#8 AR-1221-1

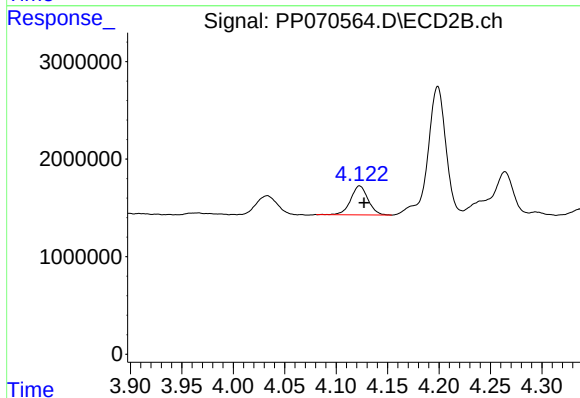
R.T.: 4.033 min  
Delta R.T.: -0.007 min  
Response: 2755504  
Conc: 185.15 ng/ml



#9 AR-1221-2

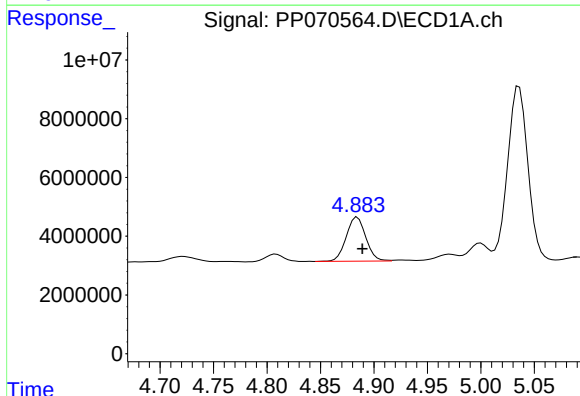
R.T.: 4.808 min  
Delta R.T.: -0.005 min  
Response: 3075280  
Conc: 210.51 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



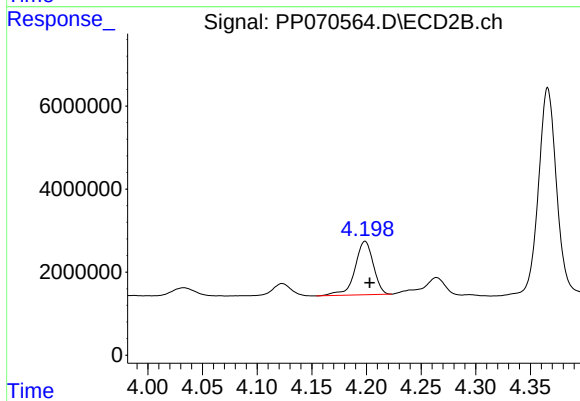
#9 AR-1221-2

R.T.: 4.123 min  
Delta R.T.: -0.004 min  
Response: 3463433  
Conc: 303.04 ng/ml



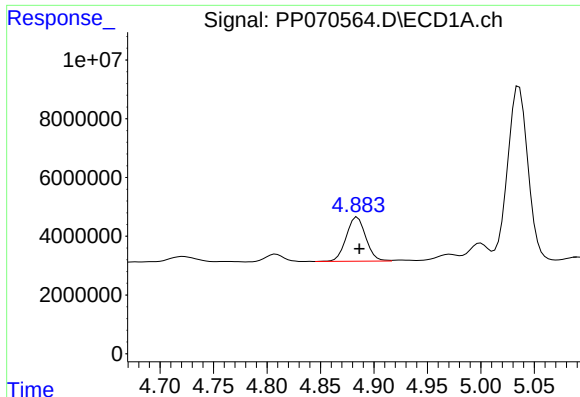
#10 AR-1221-3

R.T.: 4.884 min  
Delta R.T.: -0.005 min  
Response: 19155648  
Conc: 431.78 ng/ml



#10 AR-1221-3

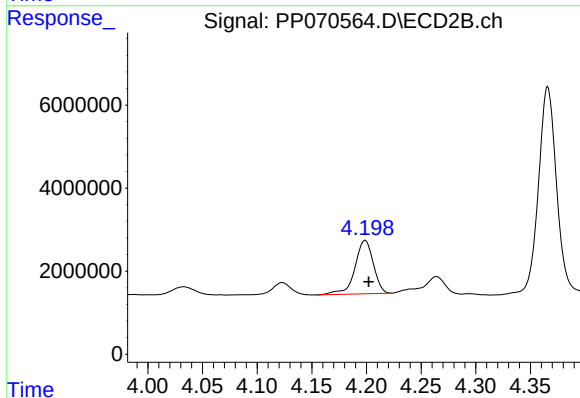
R.T.: 4.199 min  
Delta R.T.: -0.004 min  
Response: 15130752  
Conc: 452.72 ng/ml



#11 AR-1232-1

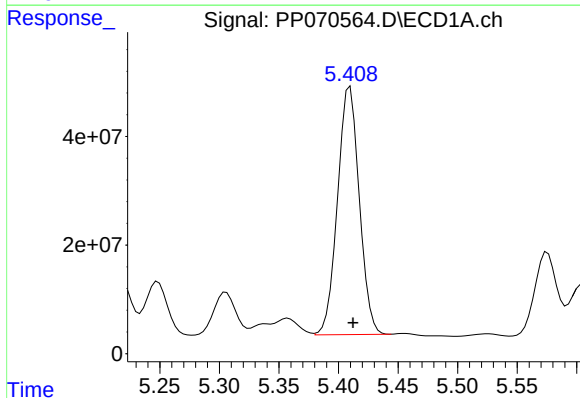
R.T.: 4.884 min  
Delta R.T.: -0.002 min  
Response: 19155648  
Conc: 538.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



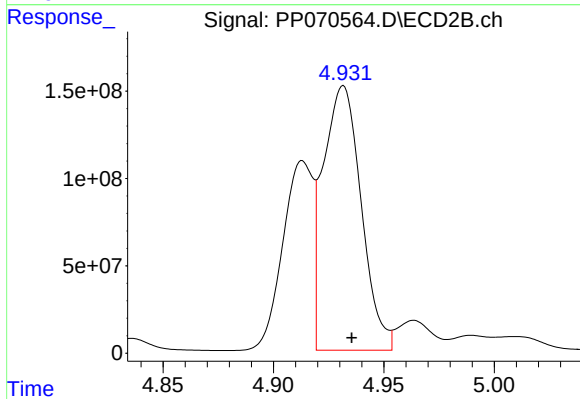
#11 AR-1232-1

R.T.: 4.199 min  
Delta R.T.: -0.003 min  
Response: 15130752  
Conc: 575.10 ng/ml



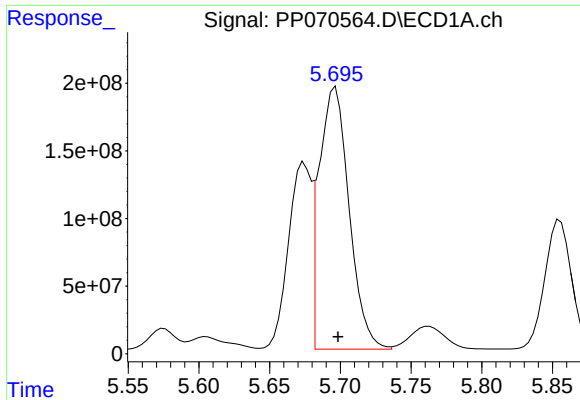
#12 AR-1232-2

R.T.: 5.410 min  
Delta R.T.: -0.003 min  
Response: 579365021  
Conc: 34346.71 ng/ml



#12 AR-1232-2

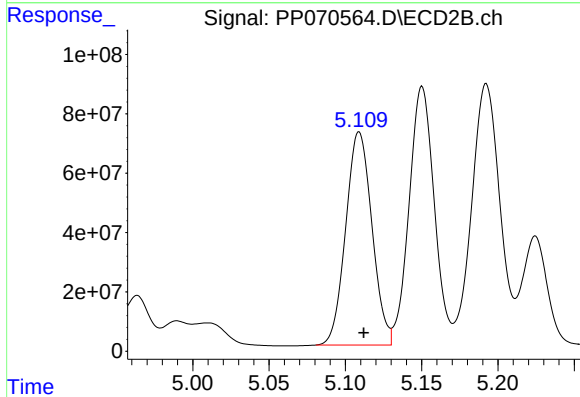
R.T.: 4.932 min  
Delta R.T.: -0.004 min  
Response: 1817166347  
Conc: 70399.82 ng/ml



#13 AR-1232-3

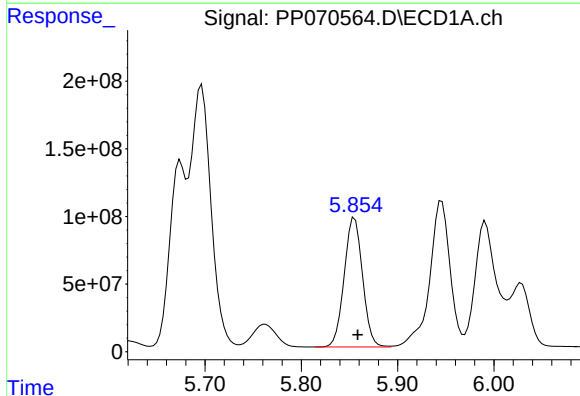
R.T.: 5.697 min  
Delta R.T.: -0.002 min  
Response: 2869285453  
Conc: 78460.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



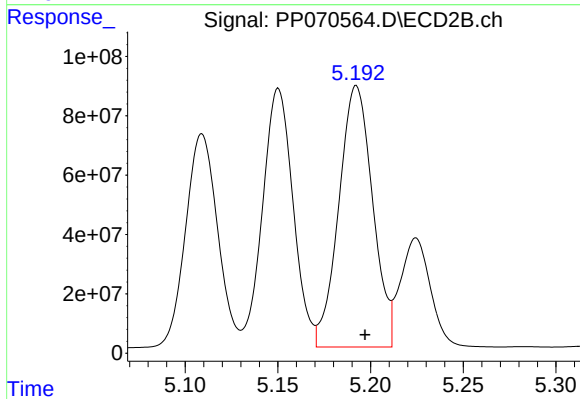
#13 AR-1232-3

R.T.: 5.109 min  
Delta R.T.: -0.003 min  
Response: 860816342  
Conc: 61447.63 ng/ml



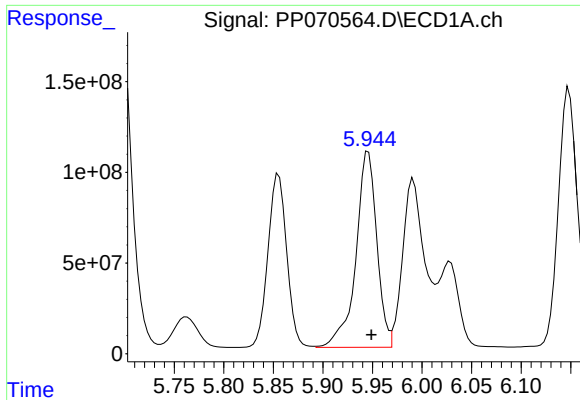
#14 AR-1232-4

R.T.: 5.855 min  
Delta R.T.: -0.003 min  
Response: 1261621657  
Conc: 66421.06 ng/ml



#14 AR-1232-4

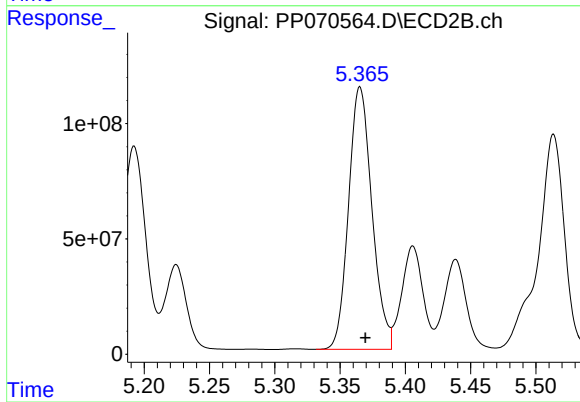
R.T.: 5.192 min  
Delta R.T.: -0.005 min  
Response: 1118717376  
Conc: 95516.86 ng/ml



#15 AR-1232-5

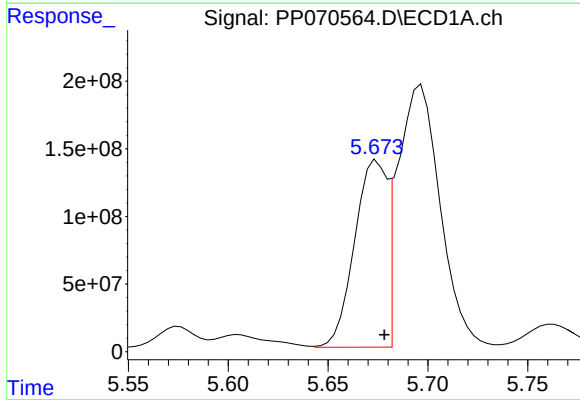
R.T.: 5.946 min  
Delta R.T.: -0.003 min  
Response: 1587076258  
Conc: 122038.41 ng

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



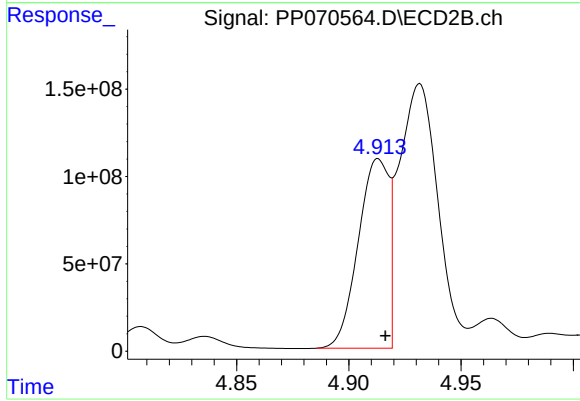
#15 AR-1232-5

R.T.: 5.365 min  
Delta R.T.: -0.004 min  
Response: 1421125264  
Conc: 108748.50 ng/ml



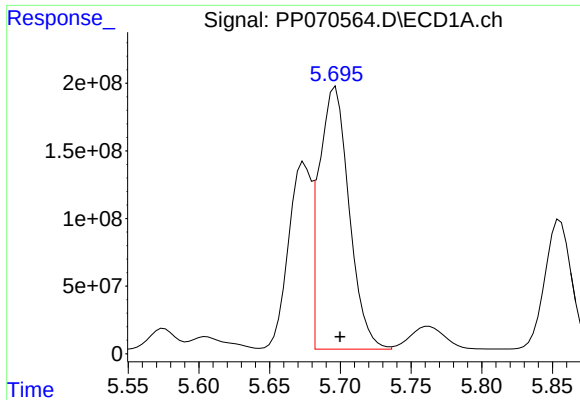
#16 AR-1242-1

R.T.: 5.675 min  
Delta R.T.: -0.004 min  
Response: 1545786491  
Conc: 34776.99 ng/ml



#16 AR-1242-1

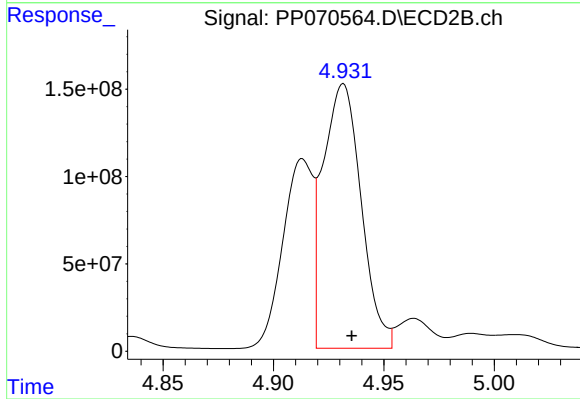
R.T.: 4.913 min  
Delta R.T.: -0.003 min  
Response: 1027120106  
Conc: 33553.50 ng/ml



#17 AR-1242-2

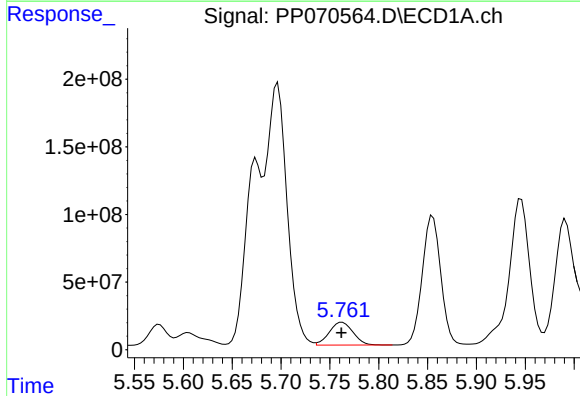
R.T.: 5.697 min  
Delta R.T.: -0.003 min  
Response: 2869285453  
Conc: 46745.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



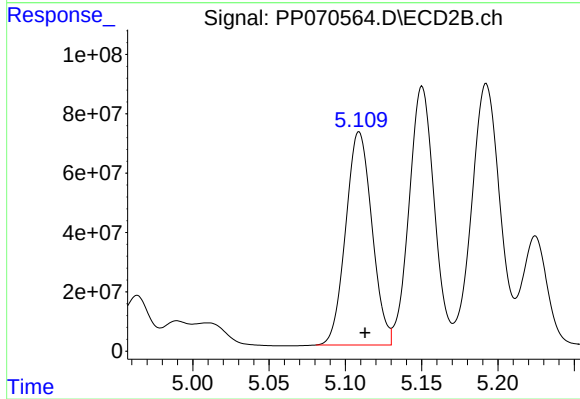
#17 AR-1242-2

R.T.: 4.932 min  
Delta R.T.: -0.004 min  
Response: 1817166347  
Conc: 41680.45 ng/ml



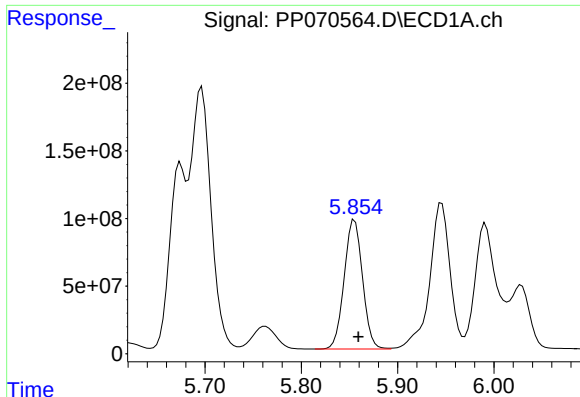
#18 AR-1242-3

R.T.: 5.762 min  
Delta R.T.: 0.000 min  
Response: 286706144  
Conc: 7727.68 ng/ml



#18 AR-1242-3

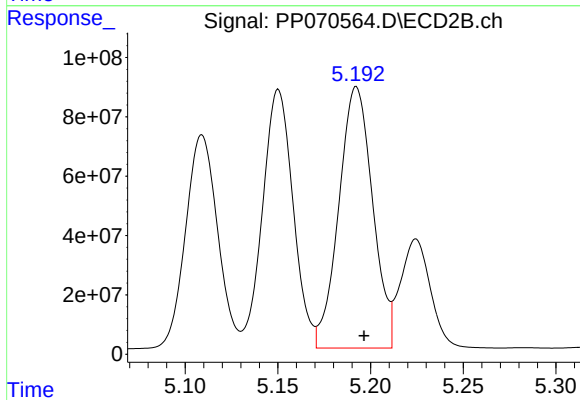
R.T.: 5.109 min  
Delta R.T.: -0.004 min  
Response: 860816342  
Conc: 36119.69 ng/ml



#19 AR-1242-4

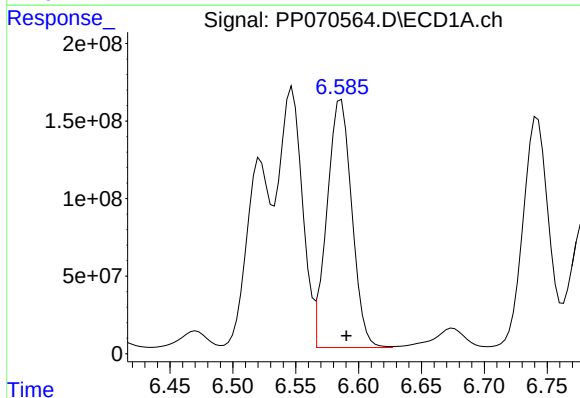
R.T.: 5.855 min  
Delta R.T.: -0.004 min  
Response: 1261621657  
Conc: 39262.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



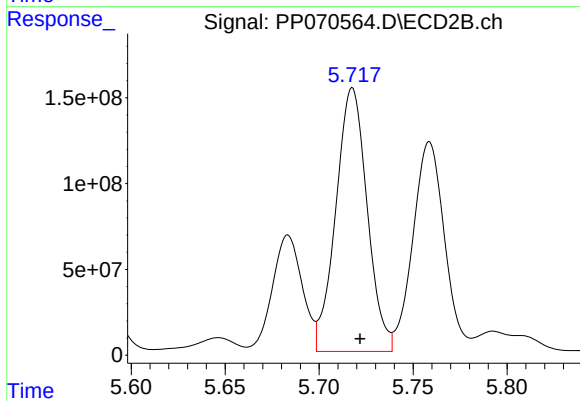
#19 AR-1242-4

R.T.: 5.192 min  
Delta R.T.: -0.004 min  
Response: 1118717376  
Conc: 50752.73 ng/ml



#20 AR-1242-5

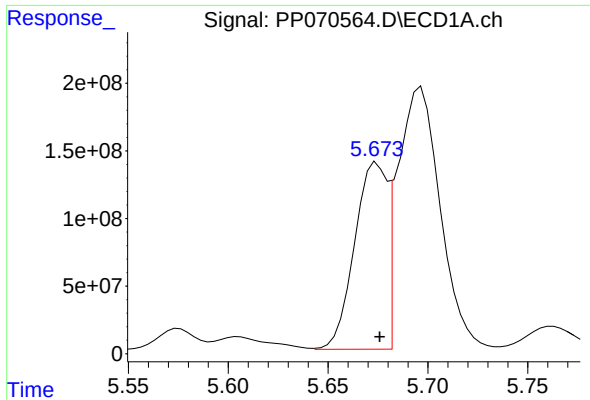
R.T.: 6.586 min  
Delta R.T.: -0.004 min  
Response: 2198513653  
Conc: 70811.25 ng/ml



#20 AR-1242-5

R.T.: 5.718 min  
Delta R.T.: -0.004 min  
Response: 1785161960  
Conc: 63935.91 ng/ml

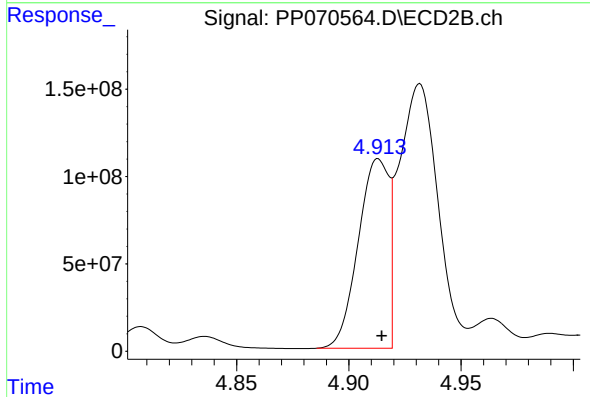




#21 AR-1248-1

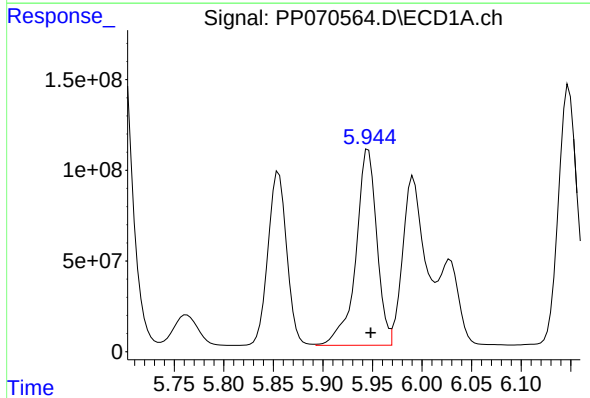
R.T.: 5.675 min  
Delta R.T.: -0.001 min  
Response: 1545786491  
Conc: 45256.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



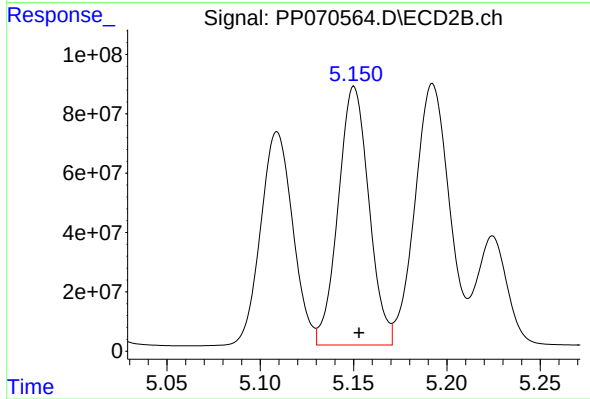
#21 AR-1248-1

R.T.: 4.913 min  
Delta R.T.: -0.001 min  
Response: 1027120106  
Conc: 43752.79 ng/ml



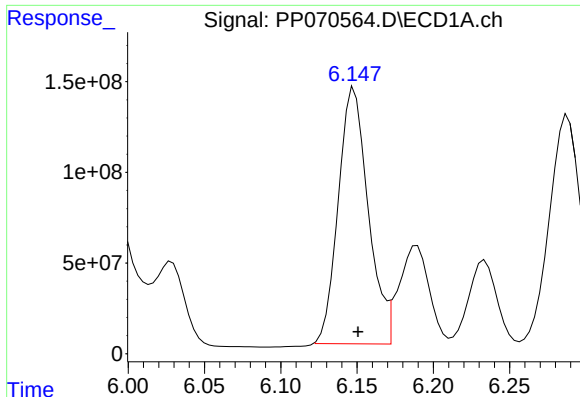
#22 AR-1248-2

R.T.: 5.946 min  
Delta R.T.: -0.002 min  
Response: 1587076258  
Conc: 37389.36 ng/ml



#22 AR-1248-2

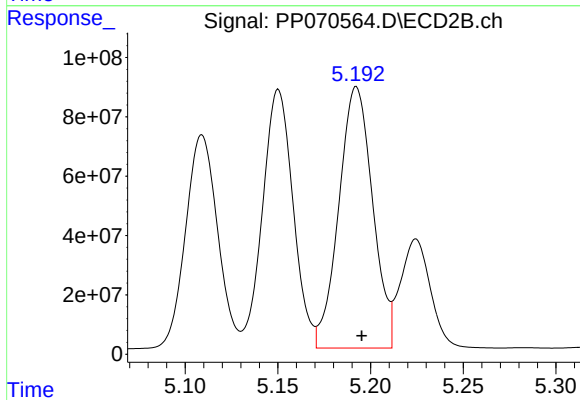
R.T.: 5.150 min  
Delta R.T.: -0.003 min  
Response: 998385300  
Conc: 31893.78 ng/ml



#23 AR-1248-3

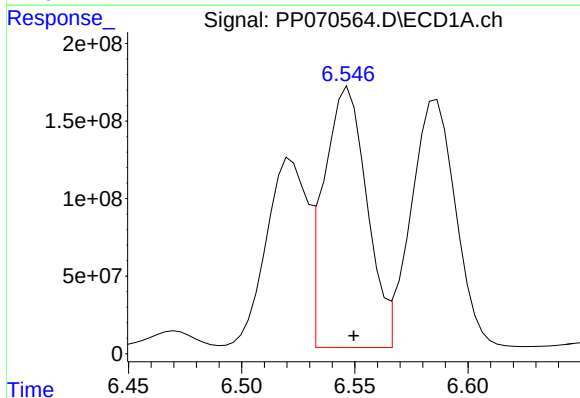
R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 1926628153  
Conc: 41748.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



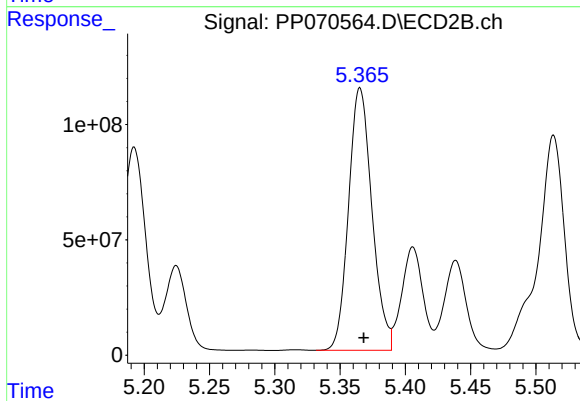
#23 AR-1248-3

R.T.: 5.192 min  
Delta R.T.: -0.003 min  
Response: 1118717376  
Conc: 35266.77 ng/ml



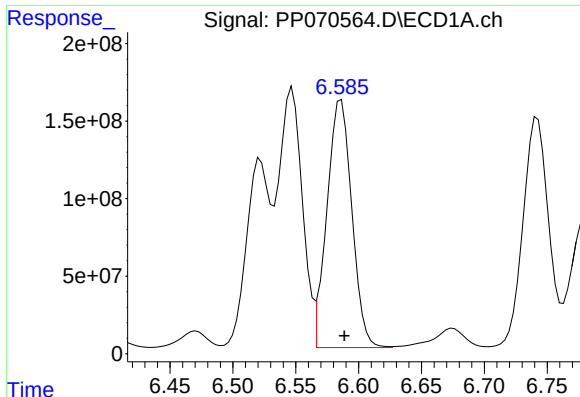
#24 AR-1248-4

R.T.: 6.547 min  
Delta R.T.: -0.002 min  
Response: 2211577764  
Conc: 38136.40 ng/ml



#24 AR-1248-4

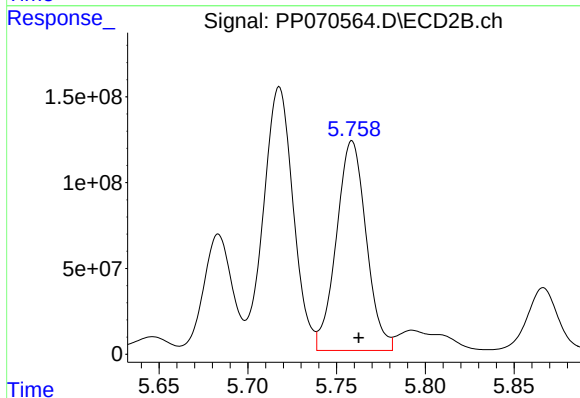
R.T.: 5.365 min  
Delta R.T.: -0.003 min  
Response: 1421125264  
Conc: 36464.19 ng/ml



#25 AR-1248-5

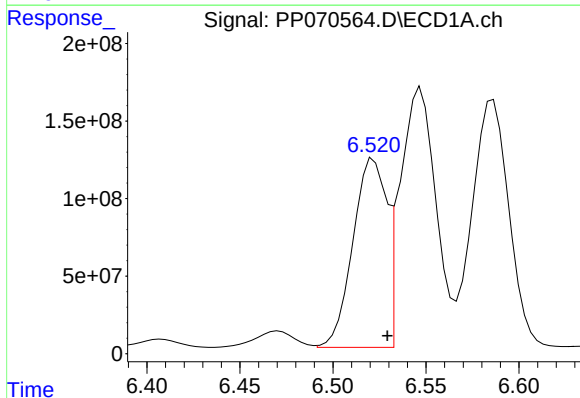
R.T.: 6.586 min  
Delta R.T.: -0.003 min  
Response: 2198513653  
Conc: 40950.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



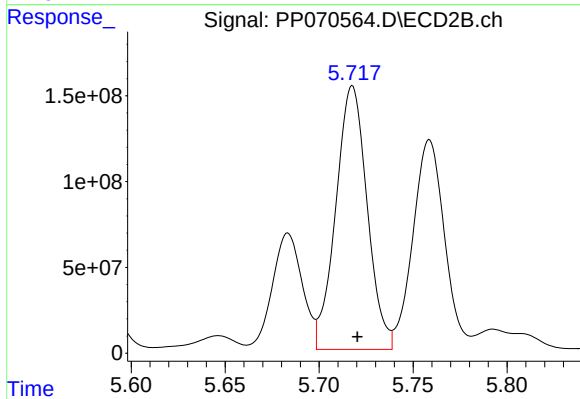
#25 AR-1248-5

R.T.: 5.759 min  
Delta R.T.: -0.004 min  
Response: 1430429007  
Conc: 37557.20 ng/ml



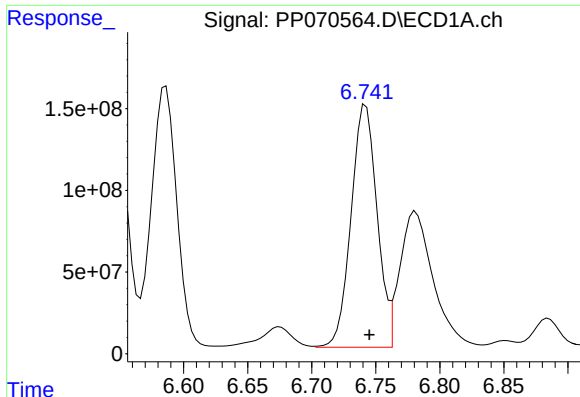
#26 AR-1254-1

R.T.: 6.522 min  
Delta R.T.: -0.008 min  
Response: 1529038480  
Conc: 26703.53 ng/ml



#26 AR-1254-1

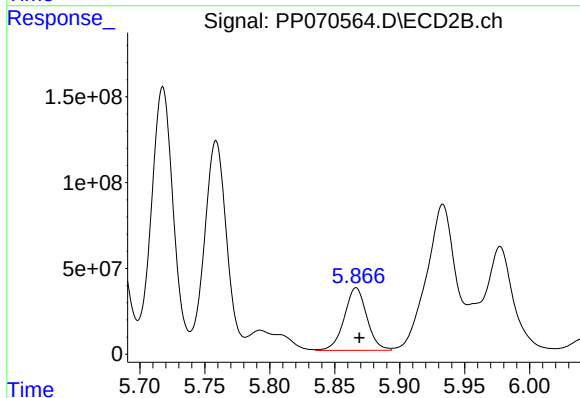
R.T.: 5.718 min  
Delta R.T.: -0.003 min  
Response: 1785161960  
Conc: 31695.20 ng/ml



#27 AR-1254-2

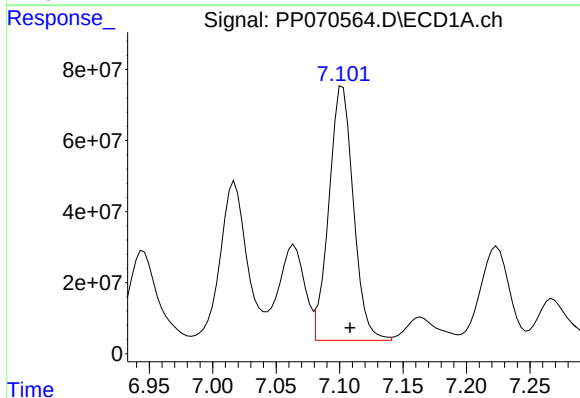
R.T.: 6.742 min  
Delta R.T.: -0.003 min  
Response: 2094328593  
Conc: 25839.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



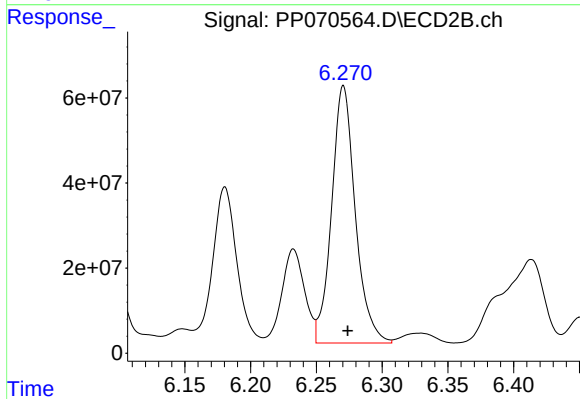
#27 AR-1254-2

R.T.: 5.867 min  
Delta R.T.: -0.002 min  
Response: 441096105  
Conc: 9019.17 ng/ml



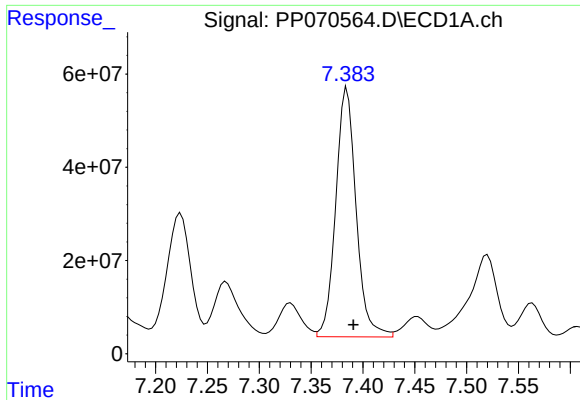
#28 AR-1254-3

R.T.: 7.103 min  
Delta R.T.: -0.006 min  
Response: 963467813  
Conc: 11446.44 ng/ml



#28 AR-1254-3

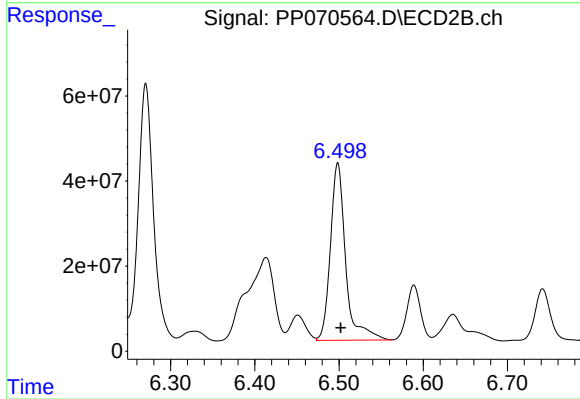
R.T.: 6.271 min  
Delta R.T.: -0.003 min  
Response: 758425249  
Conc: 10056.29 ng/ml



#29 AR-1254-4

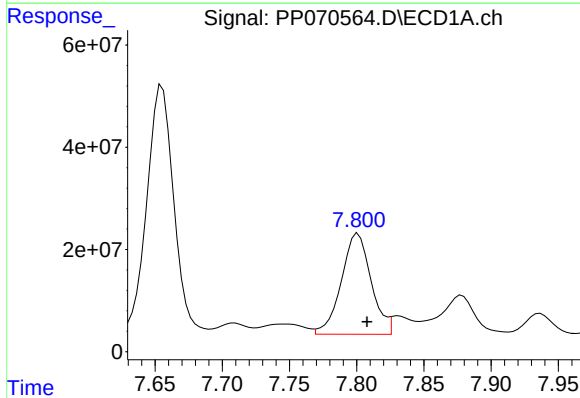
R.T.: 7.385 min  
Delta R.T.: -0.006 min  
Response: 732424930  
Conc: 10442.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



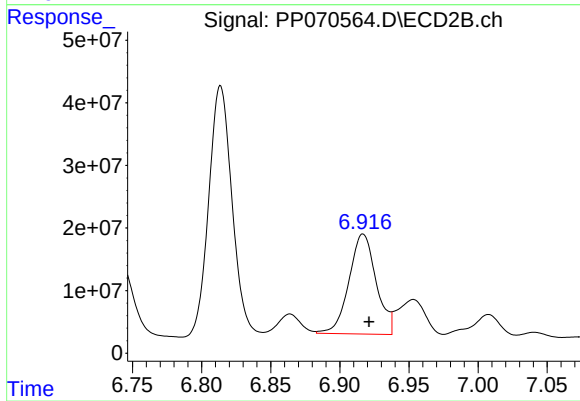
#29 AR-1254-4

R.T.: 6.499 min  
Delta R.T.: -0.003 min  
Response: 523883597  
Conc: 9931.08 ng/ml



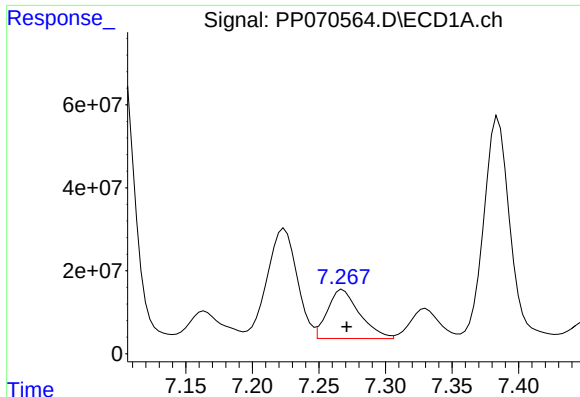
#30 AR-1254-5

R.T.: 7.801 min  
Delta R.T.: -0.007 min  
Response: 303408025  
Conc: 4343.26 ng/ml



#30 AR-1254-5

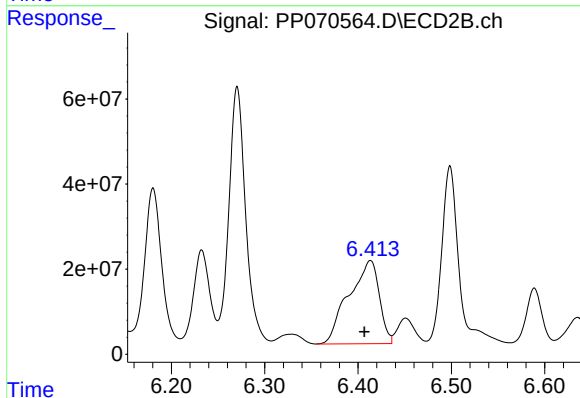
R.T.: 6.917 min  
Delta R.T.: -0.004 min  
Response: 219320522  
Conc: 3176.04 ng/ml



#31 AR-1260-1

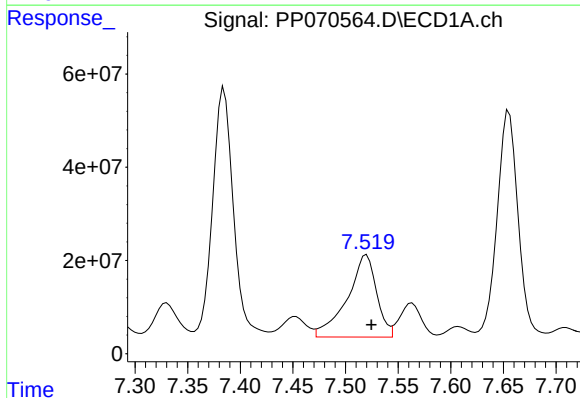
R.T.: 7.268 min  
Delta R.T.: -0.003 min  
Response: 197714364  
Conc: 3366.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



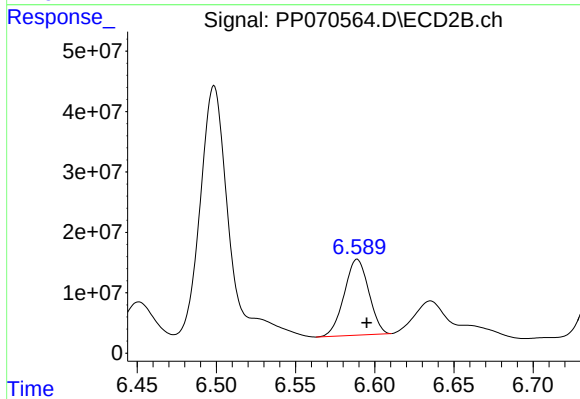
#31 AR-1260-1

R.T.: 6.413 min  
Delta R.T.: 0.007 min  
Response: 442462197  
Conc: 8887.57 ng/ml



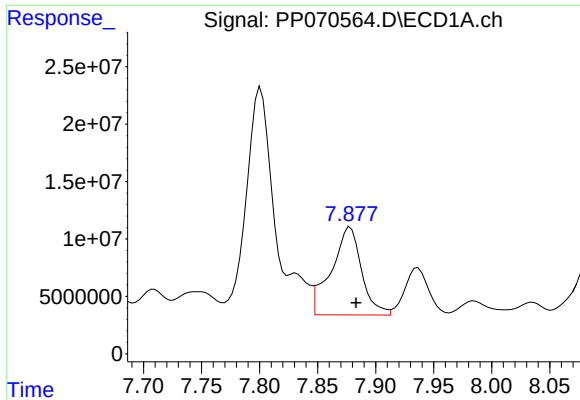
#32 AR-1260-2

R.T.: 7.520 min  
Delta R.T.: -0.005 min  
Response: 343095332  
Conc: 4181.90 ng/ml



#32 AR-1260-2

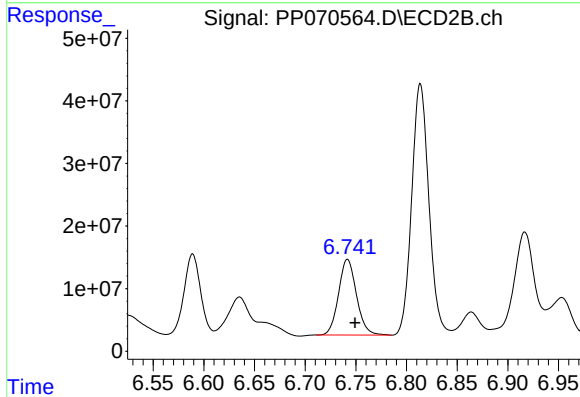
R.T.: 6.589 min  
Delta R.T.: -0.006 min  
Response: 135361549  
Conc: 2048.22 ng/ml



#33 AR-1260-3

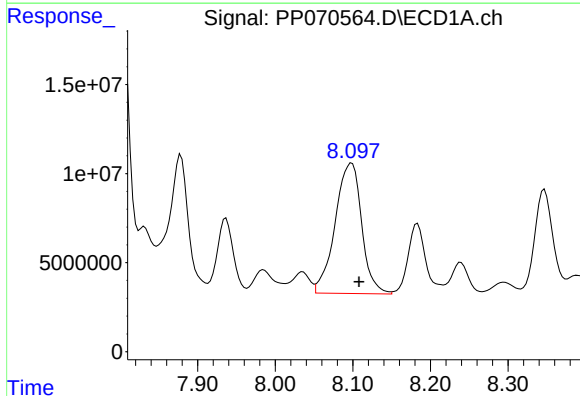
R.T.: 7.878 min  
Delta R.T.: -0.005 min  
Response: 140007962  
Conc: 2129.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



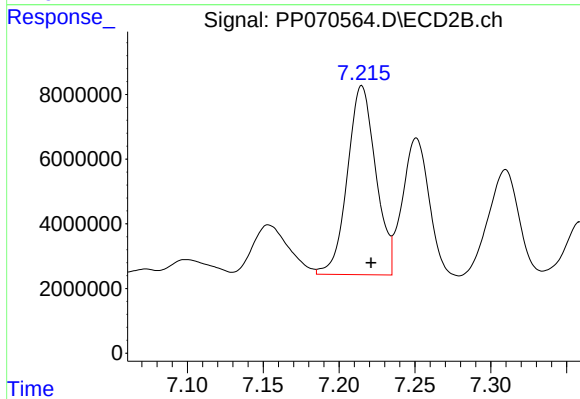
#33 AR-1260-3

R.T.: 6.742 min  
Delta R.T.: -0.007 min  
Response: 149332449  
Conc: 2610.83 ng/ml



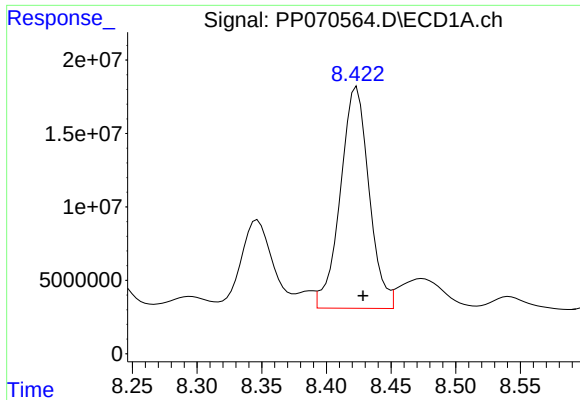
#34 AR-1260-4

R.T.: 8.099 min  
Delta R.T.: -0.009 min  
Response: 174208693  
Conc: 2666.07 ng/ml



#34 AR-1260-4

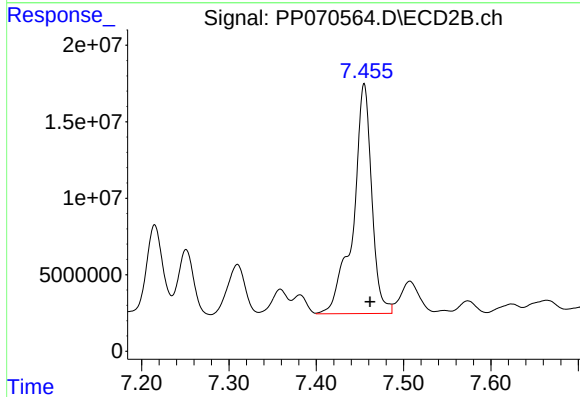
R.T.: 7.215 min  
Delta R.T.: -0.006 min  
Response: 76097429  
Conc: 1487.34 ng/ml



#35 AR-1260-5

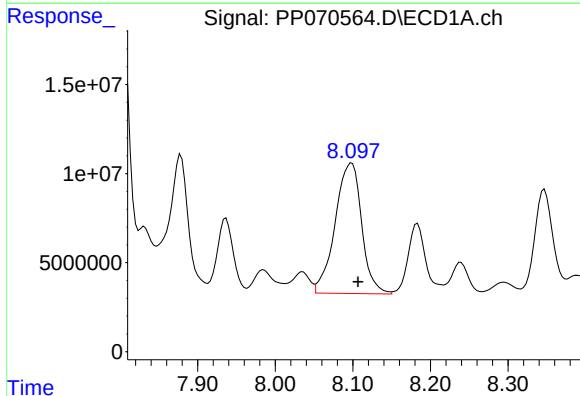
R.T.: 8.424 min  
Delta R.T.: -0.005 min  
Response: 232740158  
Conc: 1702.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



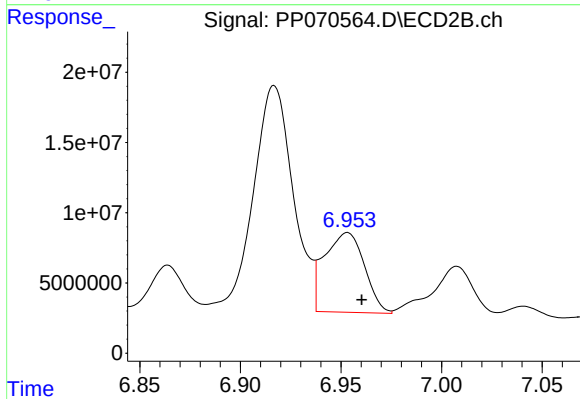
#35 AR-1260-5

R.T.: 7.455 min  
Delta R.T.: -0.007 min  
Response: 221592002  
Conc: 1720.63 ng/ml



#36 AR-1262-1

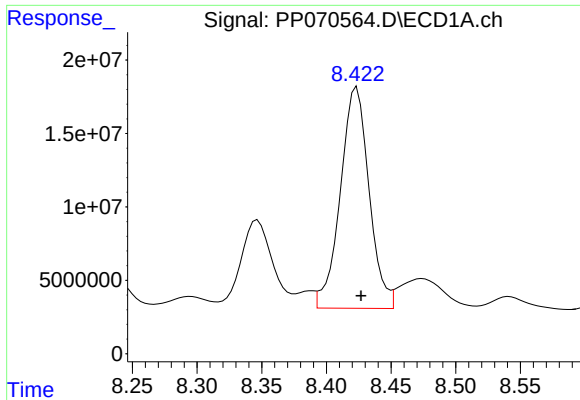
R.T.: 8.099 min  
Delta R.T.: -0.008 min  
Response: 174208693  
Conc: 2131.81 ng/ml



#36 AR-1262-1

R.T.: 6.953 min  
Delta R.T.: -0.007 min  
Response: 78355569  
Conc: 936.55 ng/ml

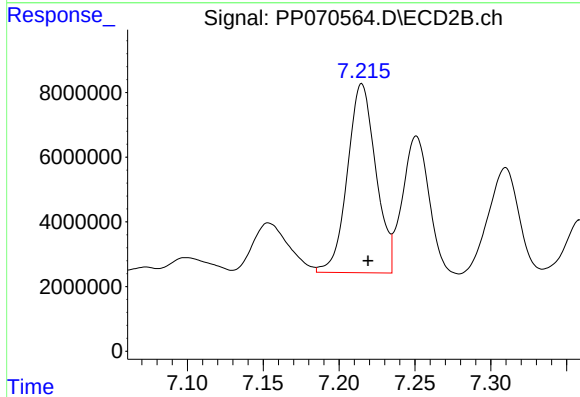




#37 AR-1262-2

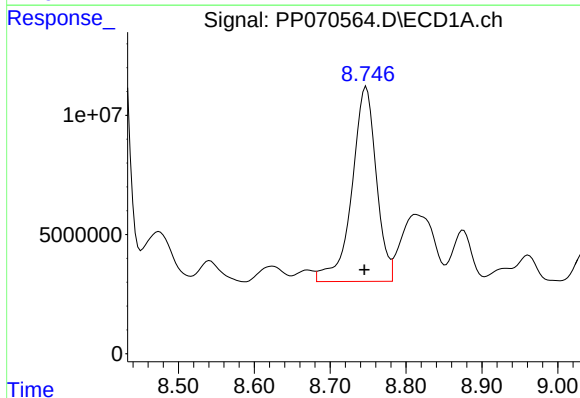
R.T.: 8.424 min  
Delta R.T.: -0.003 min  
Response: 232740158  
Conc: 1413.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



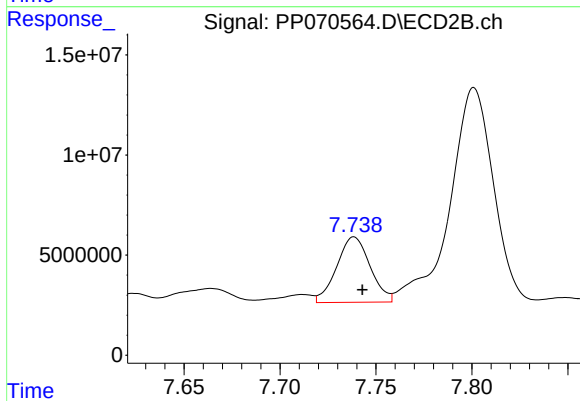
#37 AR-1262-2

R.T.: 7.215 min  
Delta R.T.: -0.004 min  
Response: 76097429  
Conc: 1107.20 ng/ml



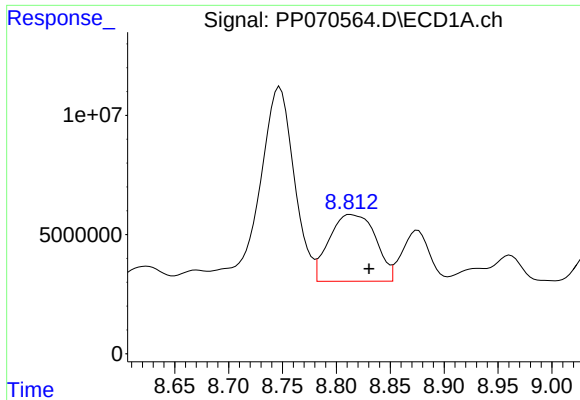
#38 AR-1262-3

R.T.: 8.748 min  
Delta R.T.: 0.002 min  
Response: 182699718  
Conc: 1628.86 ng/ml



#38 AR-1262-3

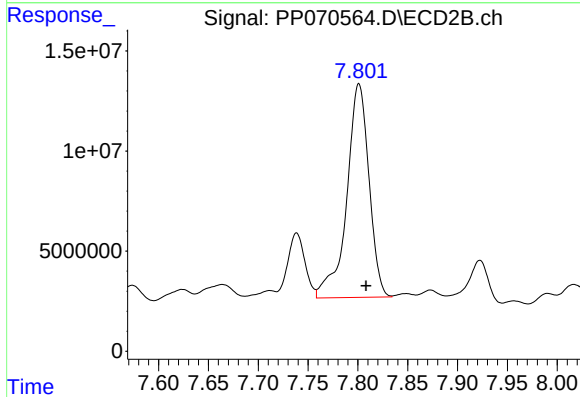
R.T.: 7.739 min  
Delta R.T.: -0.005 min  
Response: 39704548  
Conc: 601.71 ng/ml



#39 AR-1262-4

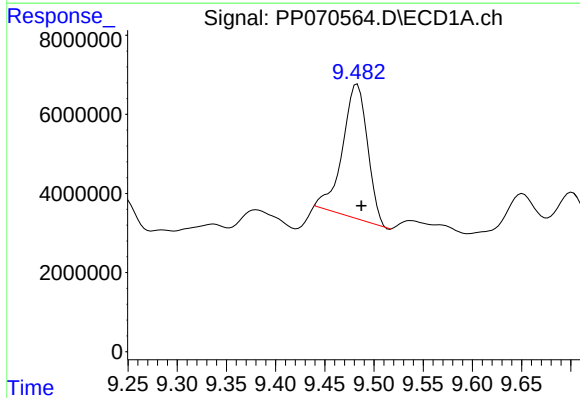
R.T.: 8.814 min  
Delta R.T.: -0.016 min  
Response: 83910500  
Conc: 1001.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



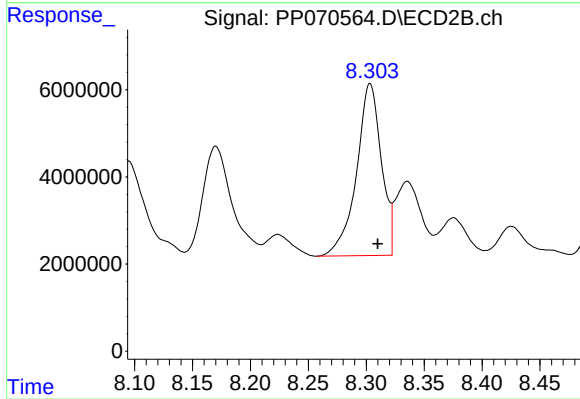
#39 AR-1262-4

R.T.: 7.801 min  
Delta R.T.: -0.007 min  
Response: 166003824  
Conc: 1589.54 ng/ml



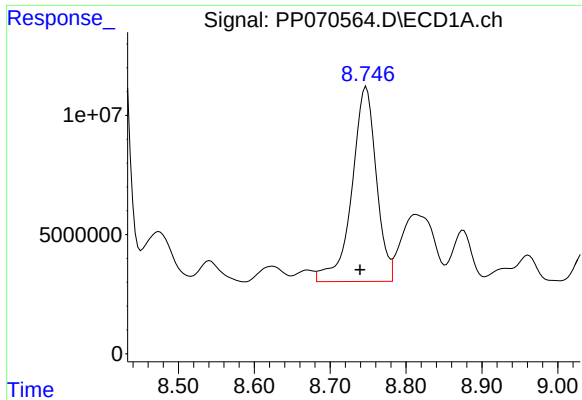
#40 AR-1262-5

R.T.: 9.483 min  
Delta R.T.: -0.004 min  
Response: 60261937  
Conc: 1023.19 ng/ml



#40 AR-1262-5

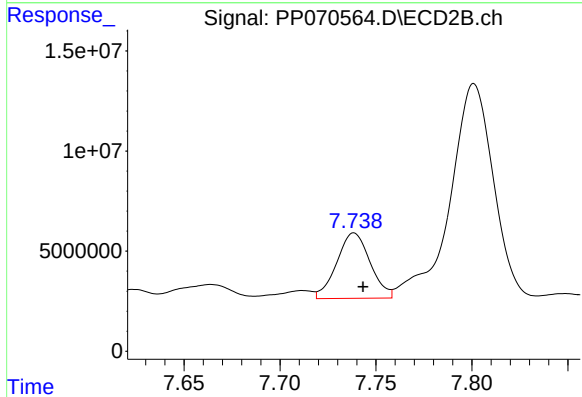
R.T.: 8.303 min  
Delta R.T.: -0.007 min  
Response: 59020756  
Conc: 1144.92 ng/ml



#41 AR-1268-1

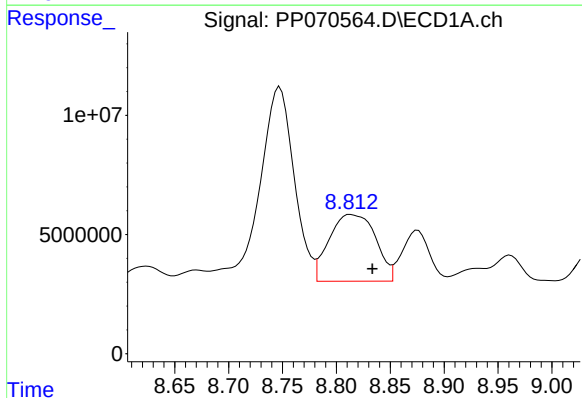
R.T.: 8.748 min  
Delta R.T.: 0.008 min  
Response: 182699718  
Conc: 921.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



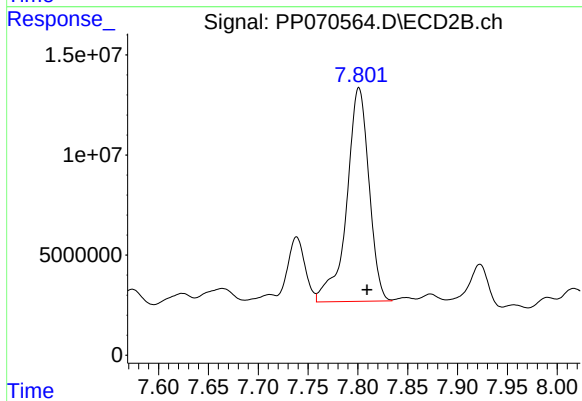
#41 AR-1268-1

R.T.: 7.739 min  
Delta R.T.: -0.005 min  
Response: 39704548  
Conc: 226.79 ng/ml



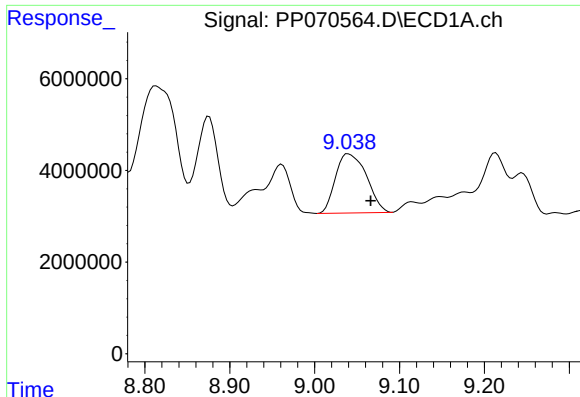
#42 AR-1268-2

R.T.: 8.814 min  
Delta R.T.: -0.020 min  
Response: 83910500  
Conc: 494.42 ng/ml



#42 AR-1268-2

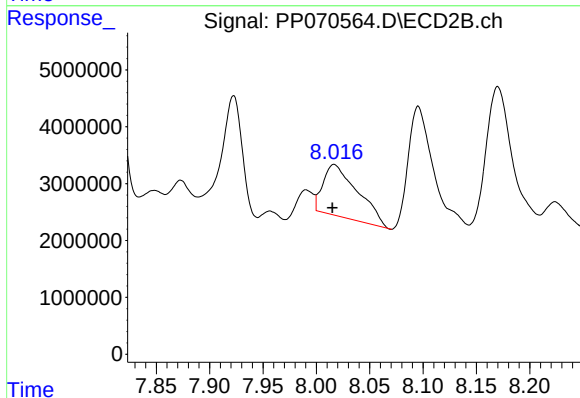
R.T.: 7.801 min  
Delta R.T.: -0.008 min  
Response: 166003824  
Conc: 1136.55 ng/ml



#43 AR-1268-3

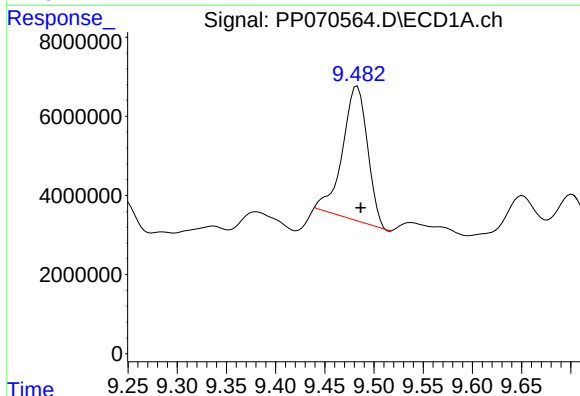
R.T.: 9.040 min  
Delta R.T.: -0.026 min  
Response: 32698963  
Conc: 223.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



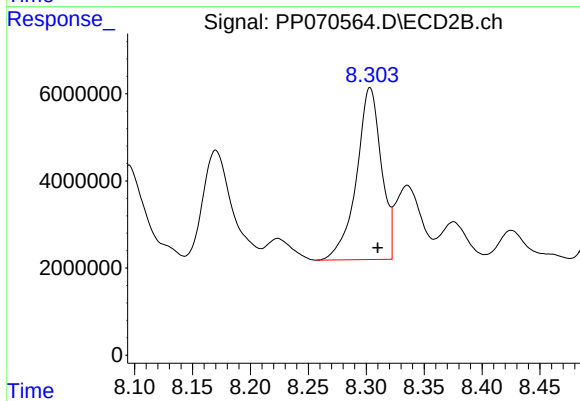
#43 AR-1268-3

R.T.: 8.017 min  
Delta R.T.: 0.002 min  
Response: 20467952  
Conc: 159.50 ng/ml



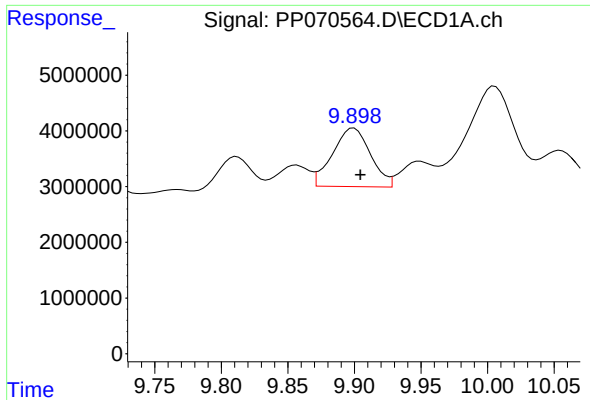
#44 AR-1268-4

R.T.: 9.483 min  
Delta R.T.: -0.004 min  
Response: 60261937  
Conc: 943.34 ng/ml



#44 AR-1268-4

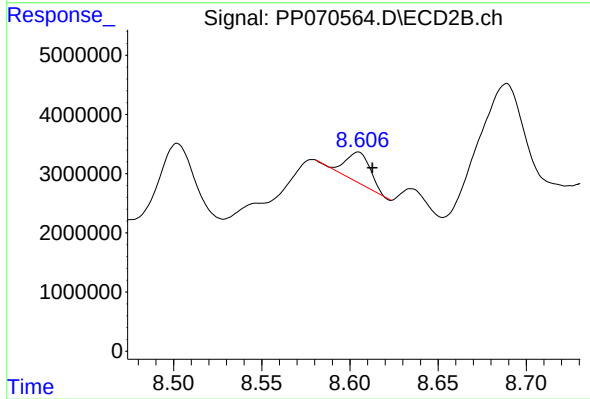
R.T.: 8.303 min  
Delta R.T.: -0.007 min  
Response: 59020756  
Conc: 1073.49 ng/ml



#45 AR-1268-5

R.T.: 9.900 min  
Delta R.T.: -0.005 min  
Response: 20849602  
Conc: 49.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MS



#45 AR-1268-5

R.T.: 8.605 min  
Delta R.T.: -0.008 min  
Response: 4967037  
Conc: 13.50 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
 Data File : PP070565.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Mar 2025 03:45  
 Operator : YP\AJ  
 Sample : Q1572-06MSD  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 C0018MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 04:30:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml      | ng/ml        |
|-----------------------------|-----------------|--------|-------|----------|----------|------------|--------------|
| -----                       |                 |        |       |          |          |            |              |
| System Monitoring Compounds |                 |        |       |          |          |            |              |
| 1)                          | SA Tetrachlo... | 4.523  | 3.825 | 32368170 | 19674300 | 20.810     | 19.630       |
| 2)                          | SA Decachlor... | 10.242 | 8.873 | 21230074 | 34792021 | 19.984     | 35.562 #     |
| Target Compounds            |                 |        |       |          |          |            |              |
| 3)                          | L1 AR-1016-1    | 5.675  | 4.913 | 1606.9E6 | 1075.9E6 | 30991.180  | 29925.656    |
| 4)                          | L1 AR-1016-2    | 5.696  | 4.931 | 3025.4E6 | 1925.6E6 | 42287.416  | 37053.656    |
| 5)                          | L1 AR-1016-3    | 5.763  | 5.109 | 302.8E6  | 923.3E6  | 6649.684   | 32447.986 #  |
| 6)                          | L1 AR-1016-4    | 5.856  | 5.150 | 1331.5E6 | 1052.2E6 | 34107.498  | 46995.572 #  |
| 7)                          | L1 AR-1016-5    | 6.149  | 5.365 | 2016.0E6 | 1493.0E6 | 58228.443  | 50236.412    |
| 8)                          | L2 AR-1221-1    | 4.723  | 4.033 | 3947046  | 3199924  | 197.945    | 215.012      |
| 9)                          | L2 AR-1221-2    | 4.808  | 4.122 | 3532807  | 4191103  | 241.829    | 366.705 #    |
| 10)                         | L2 AR-1221-3    | 4.884  | 4.198 | 21075460 | 16393362 | 475.050    | 490.500      |
| 11)                         | L3 AR-1232-1    | 4.884  | 4.198 | 21075460 | 16393362 | 592.716    | 623.092      |
| 12)                         | L3 AR-1232-2    | 5.410  | 4.931 | 616.0E6  | 1925.6E6 | 36520.620  | 74598.963 #  |
| 13)                         | L3 AR-1232-3    | 5.696  | 5.109 | 3025.4E6 | 923.3E6  | 82730.966  | 65904.716    |
| 14)                         | L3 AR-1232-4    | 5.856  | 5.192 | 1331.5E6 | 1177.9E6 | 70098.963  | 100570.556 # |
| 15)                         | L3 AR-1232-5    | 5.946  | 5.365 | 1650.8E6 | 1493.0E6 | 126941.280 | 114246.241   |
| 16)                         | L4 AR-1242-1    | 5.675  | 4.913 | 1606.9E6 | 1075.9E6 | 36152.588  | 35147.123    |
| 17)                         | L4 AR-1242-2    | 5.696  | 4.931 | 3025.4E6 | 1925.6E6 | 49289.744  | 44166.567    |
| 18)                         | L4 AR-1242-3    | 5.763  | 5.109 | 302.8E6  | 923.3E6  | 8161.808   | 38739.629 #  |
| 19)                         | L4 AR-1242-4    | 5.856  | 5.192 | 1331.5E6 | 1177.9E6 | 41436.452  | 53438.009 #  |
| 20)                         | L4 AR-1242-5    | 6.586  | 5.717 | 2276.2E6 | 1860.6E6 | 73314.201  | 66637.023    |
| 21)                         | L5 AR-1248-1    | 5.675  | 4.913 | 1606.9E6 | 1075.9E6 | 47046.839  | 45830.829    |
| 22)                         | L5 AR-1248-2    | 5.946  | 5.150 | 1650.8E6 | 1052.2E6 | 38891.475  | 33613.751    |
| 23)                         | L5 AR-1248-3    | 6.149  | 5.192 | 2016.0E6 | 1177.9E6 | 43684.620  | 37132.696    |
| 24)                         | L5 AR-1248-4    | 6.548  | 5.365 | 2306.8E6 | 1493.0E6 | 39778.459  | 38307.629    |
| 25)                         | L5 AR-1248-5    | 6.586  | 5.758 | 2276.2E6 | 1486.0E6 | 42397.765  | 39015.752    |
| 26)                         | L6 AR-1254-1    | 6.521  | 5.717 | 1573.0E6 | 1860.6E6 | 27471.900  | 33034.232    |
| 27)                         | L6 AR-1254-2    | 6.742  | 5.865 | 2170.1E6 | 457.2E6  | 26773.538  | 9347.529 #   |
| 28)                         | L6 AR-1254-3    | 7.103  | 6.270 | 995.4E6  | 781.4E6  | 11825.222  | 10361.166    |
| 29)                         | L6 AR-1254-4    | 7.385  | 6.498 | 751.5E6  | 540.4E6  | 10715.269  | 10244.890    |
| 30)                         | L6 AR-1254-5    | 7.801  | 6.916 | 313.3E6  | 231.8E6  | 4484.731   | 3356.335 #   |
| 31)                         | L7 AR-1260-1    | 7.268  | 6.413 | 204.8E6  | 458.9E6  | 3486.616   | 9217.740 #   |
| 32)                         | L7 AR-1260-2    | 7.519  | 6.588 | 361.0E6  | 140.9E6  | 4400.150   | 2132.689 #   |
| 33)                         | L7 AR-1260-3    | 7.878  | 6.741 | 145.0E6  | 156.1E6  | 2204.937   | 2728.284     |
| 34)                         | L7 AR-1260-4    | 8.098  | 7.214 | 179.0E6  | 78496874 | 2739.580   | 1534.235 #   |
| 35)                         | L7 AR-1260-5    | 8.424  | 7.455 | 237.6E6  | 226.0E6  | 1738.478   | 1755.208     |
| 36)                         | L8 AR-1262-1    | 8.098  | 6.953 | 179.0E6  | 82139662 | 2190.587   | 981.781 #    |
| 37)                         | L8 AR-1262-2    | 8.424  | 7.214 | 237.6E6  | 78496874 | 1442.571   | 1142.107     |
| 38)                         | L8 AR-1262-3    | 8.748  | 7.737 | 182.2E6  | 40235905 | 1624.460   | 609.762 #    |
| 39)                         | L8 AR-1262-4    | 8.811  | 7.801 | 85594437 | 167.2E6  | 1021.368   | 1601.348 #   |
| 40)                         | L8 AR-1262-5    | 9.483  | 8.303 | 57696460 | 58930509 | 979.629    | 1143.170     |
| 41)                         | L9 AR-1268-1    | 8.748  | 7.737 | 182.2E6  | 40235905 | 919.309    | 229.825 #    |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
 Data File : PP070565.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Mar 2025 03:45  
 Operator : YP\AJ  
 Sample : Q1572-06MSD  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 C0018MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 04:30:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|        | Compound  | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|--------|-----------|-------|-------|----------|----------|---------|------------|
| 42) L9 | AR-1268-2 | 8.811 | 7.801 | 85594437 | 167.2E6  | 504.338 | 1144.999 # |
| 43) L9 | AR-1268-3 | 9.040 | 8.016 | 29365102 | 19842113 | 200.671 | 154.620    |
| 44) L9 | AR-1268-4 | 9.483 | 8.303 | 57696460 | 58930509 | 903.184 | 1071.846   |
| 45) L9 | AR-1268-5 | 9.899 | 8.604 | 20166641 | 5919107  | 48.090  | 16.083 #   |

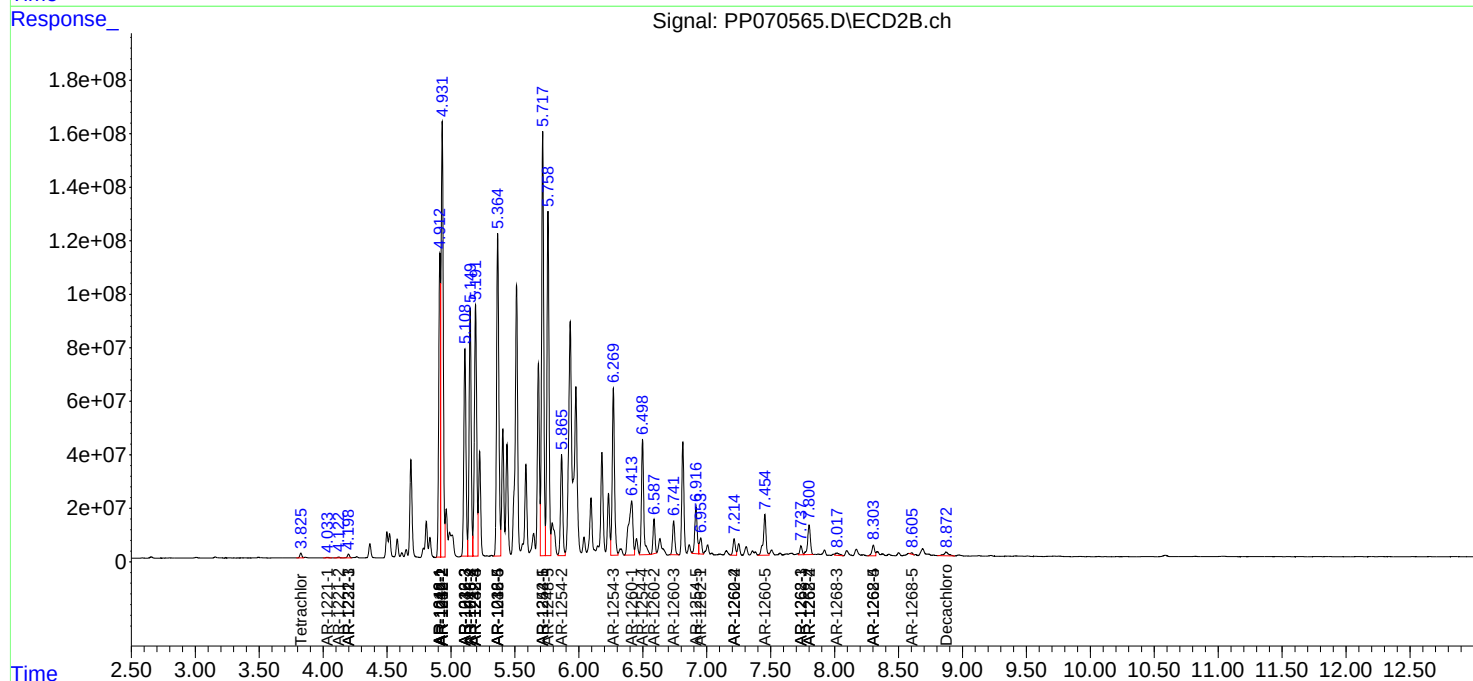
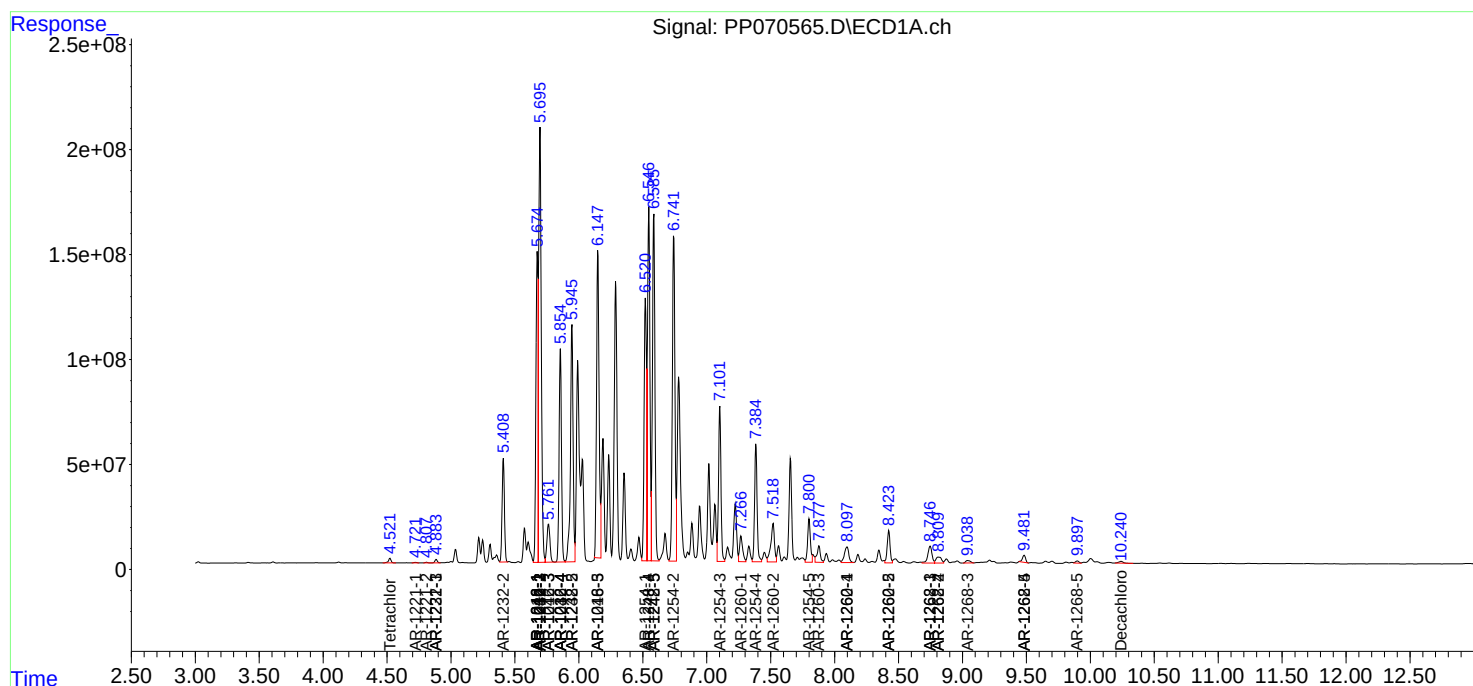
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031425\  
Data File : PP070565.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2025 03:45  
Operator : YP\AJ  
Sample : Q1572-06MSD  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

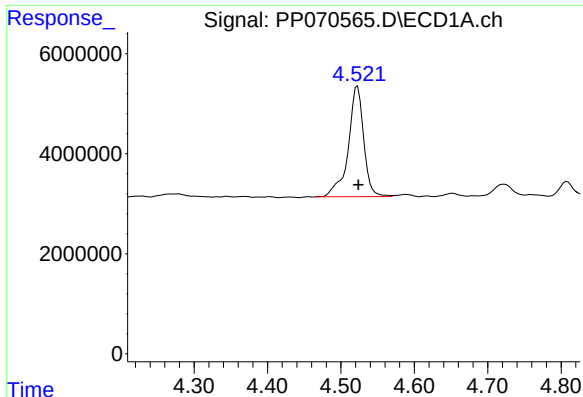
Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 04:30:02 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



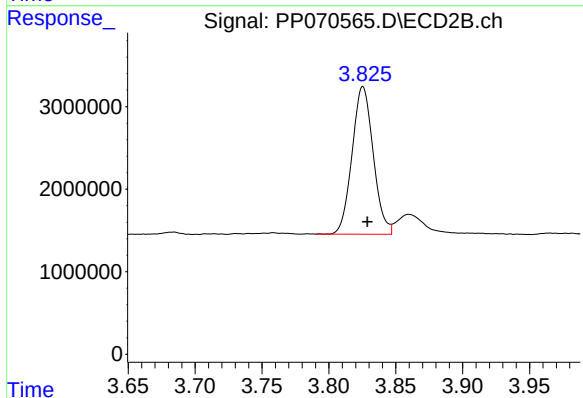




#1 Tetrachloro-m-xylene

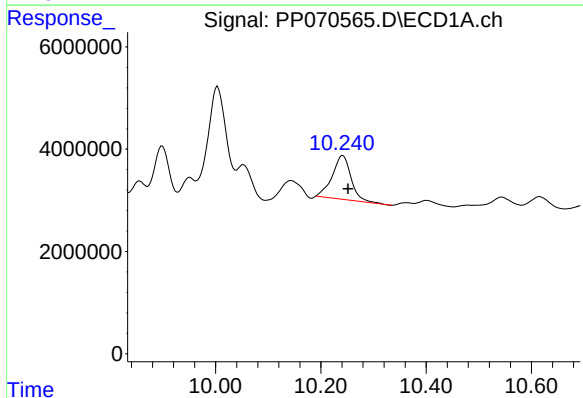
R.T.: 4.523 min  
Delta R.T.: -0.001 min  
Response: 32368170  
Conc: 20.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



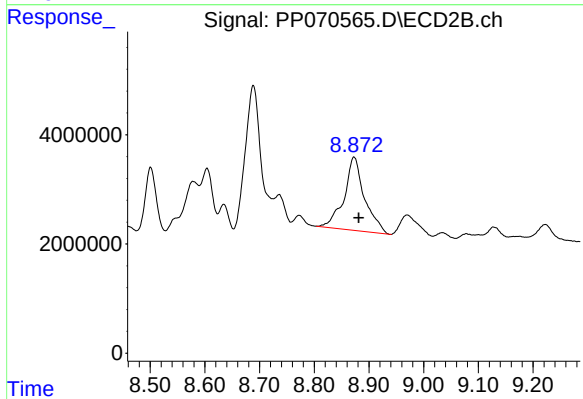
#1 Tetrachloro-m-xylene

R.T.: 3.825 min  
Delta R.T.: -0.003 min  
Response: 19674300  
Conc: 19.63 ng/ml



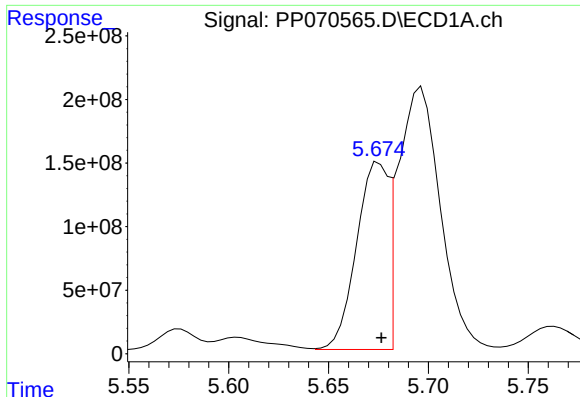
#2 Decachlorobiphenyl

R.T.: 10.242 min  
Delta R.T.: -0.010 min  
Response: 21230074  
Conc: 19.98 ng/ml



#2 Decachlorobiphenyl

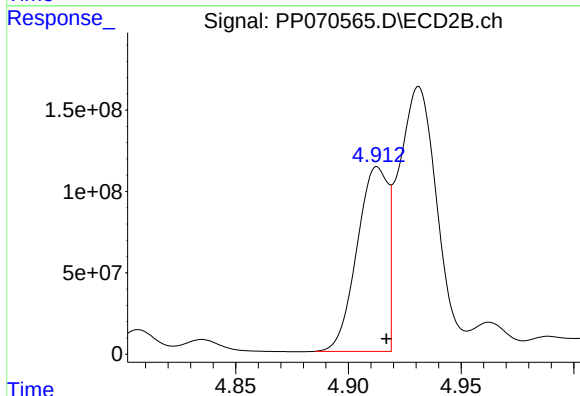
R.T.: 8.873 min  
Delta R.T.: -0.008 min  
Response: 34792021  
Conc: 35.56 ng/ml



#3 AR-1016-1

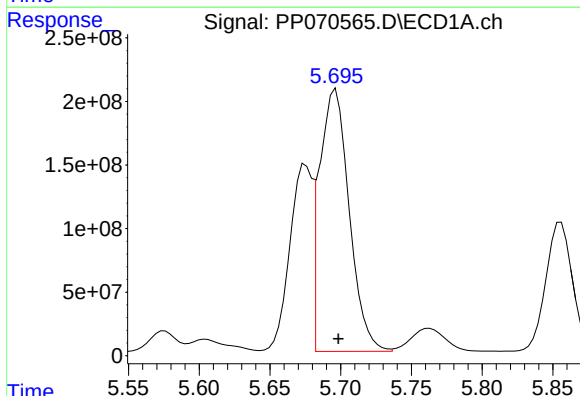
R.T.: 5.675 min  
Delta R.T.: -0.001 min  
Response: 1606929887  
Conc: 30991.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



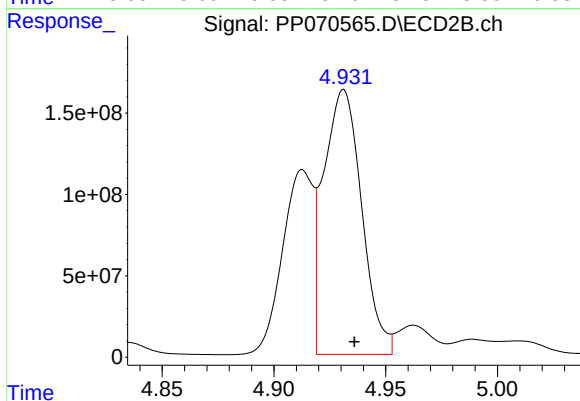
#3 AR-1016-1

R.T.: 4.913 min  
Delta R.T.: -0.004 min  
Response: 1075903116  
Conc: 29925.66 ng/ml



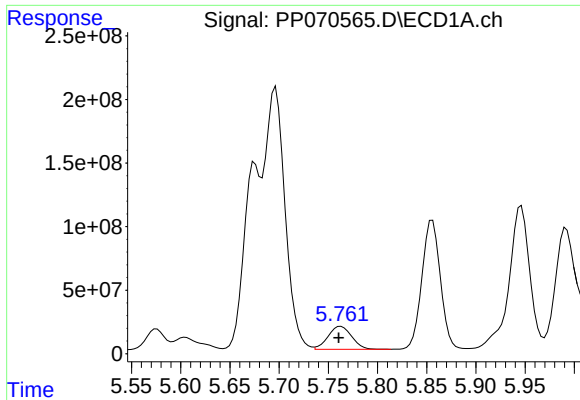
#4 AR-1016-2

R.T.: 5.696 min  
Delta R.T.: -0.002 min  
Response: 3025446169  
Conc: 42287.42 ng/ml



#4 AR-1016-2

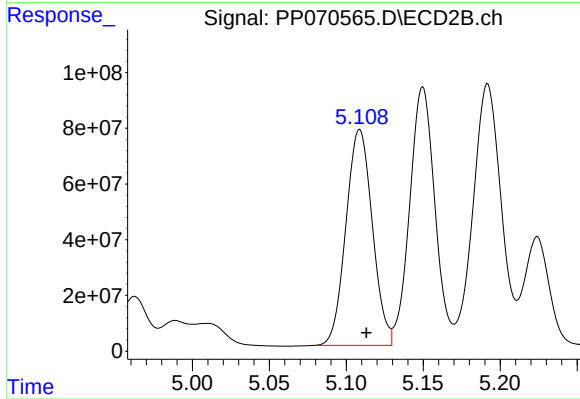
R.T.: 4.931 min  
Delta R.T.: -0.005 min  
Response: 1925555011  
Conc: 37053.66 ng/ml



#5 AR-1016-3

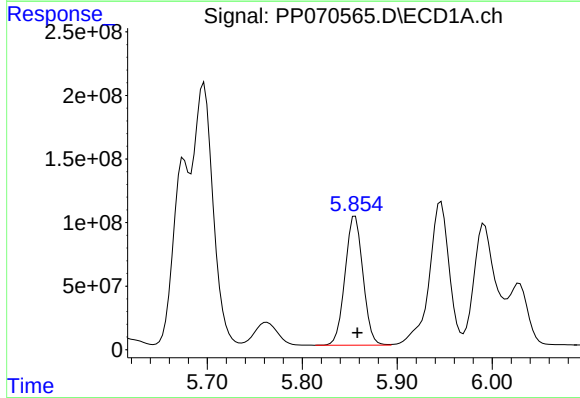
R.T.: 5.763 min  
Delta R.T.: 0.002 min  
Response: 302812888  
Conc: 6649.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



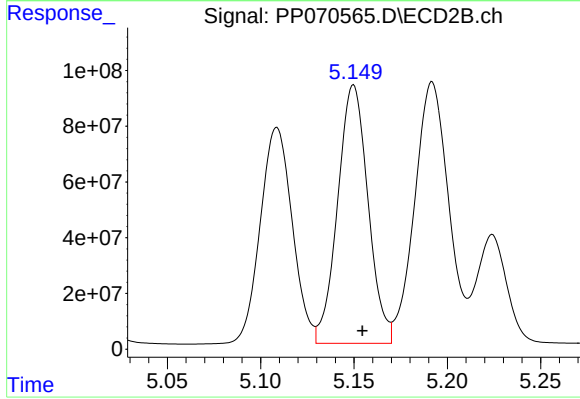
#5 AR-1016-3

R.T.: 5.109 min  
Delta R.T.: -0.004 min  
Response: 923255472  
Conc: 32447.99 ng/ml



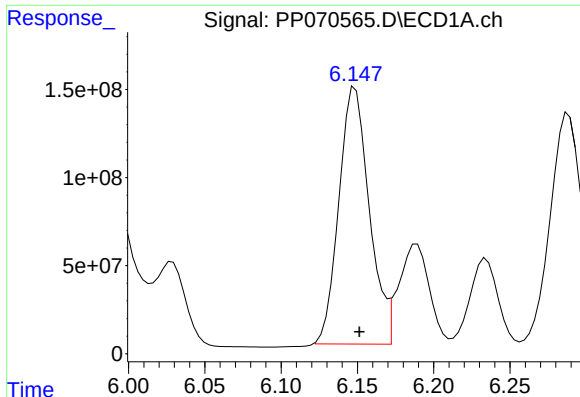
#6 AR-1016-4

R.T.: 5.856 min  
Delta R.T.: -0.002 min  
Response: 1331480806  
Conc: 34107.50 ng/ml



#6 AR-1016-4

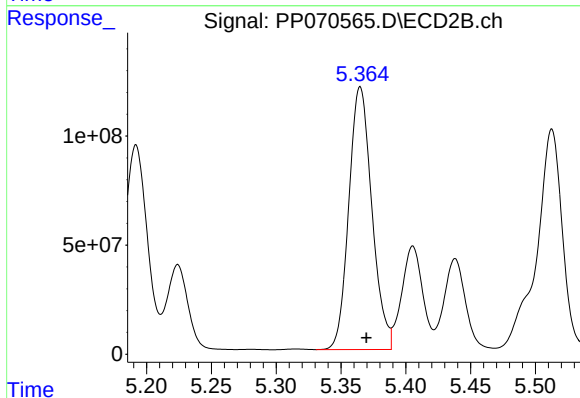
R.T.: 5.150 min  
Delta R.T.: -0.005 min  
Response: 1052226275  
Conc: 46995.57 ng/ml



#7 AR-1016-5

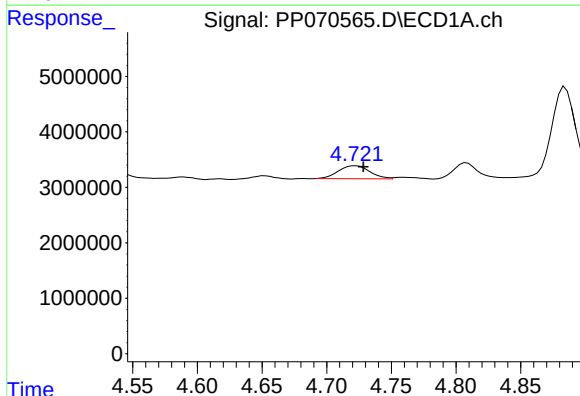
R.T.: 6.149 min  
Delta R.T.: -0.003 min  
Response: 2015985893  
Conc: 58228.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



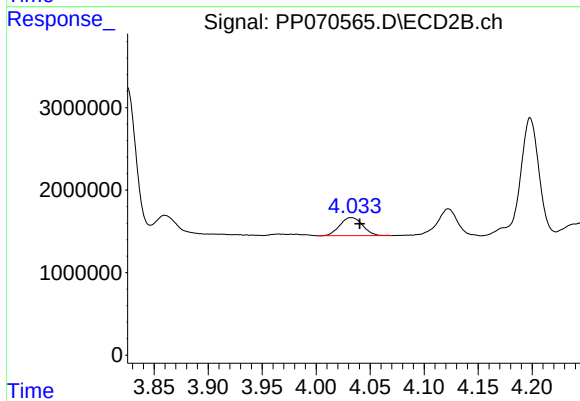
#7 AR-1016-5

R.T.: 5.365 min  
Delta R.T.: -0.005 min  
Response: 1492969789  
Conc: 50236.41 ng/ml



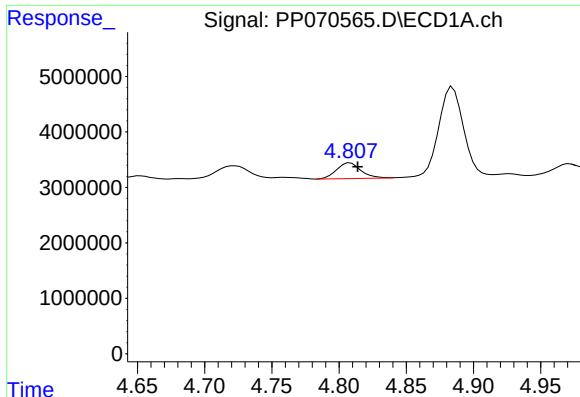
#8 AR-1221-1

R.T.: 4.723 min  
Delta R.T.: -0.006 min  
Response: 3947046  
Conc: 197.95 ng/ml



#8 AR-1221-1

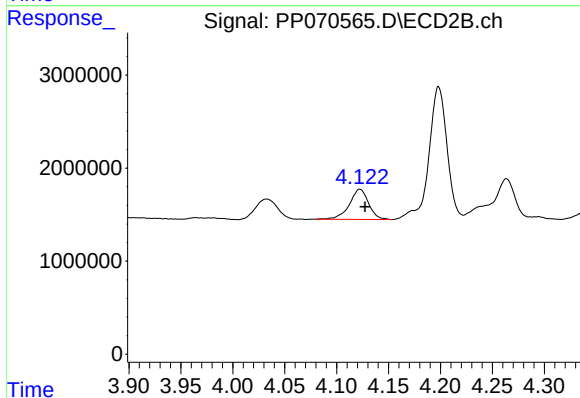
R.T.: 4.033 min  
Delta R.T.: -0.008 min  
Response: 3199924  
Conc: 215.01 ng/ml



#9 AR-1221-2

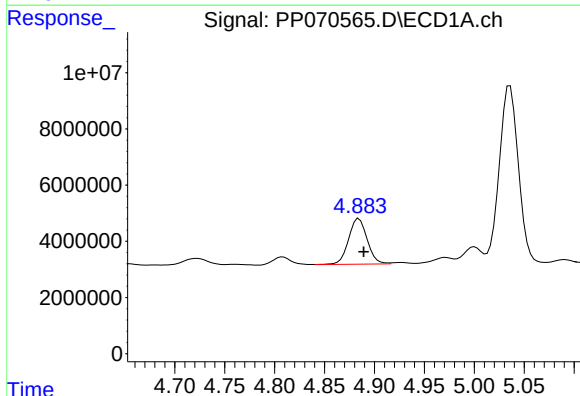
R.T.: 4.808 min  
Delta R.T.: -0.006 min  
Response: 3532807  
Conc: 241.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



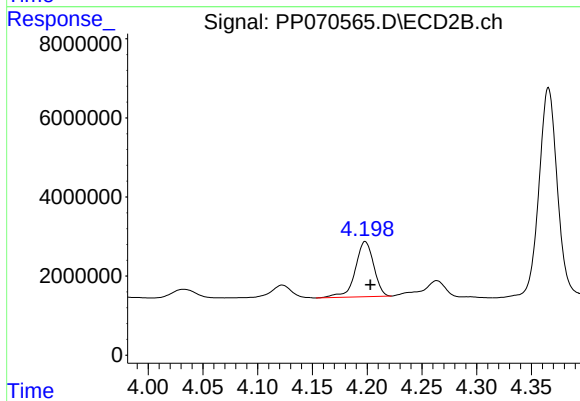
#9 AR-1221-2

R.T.: 4.122 min  
Delta R.T.: -0.005 min  
Response: 4191103  
Conc: 366.70 ng/ml



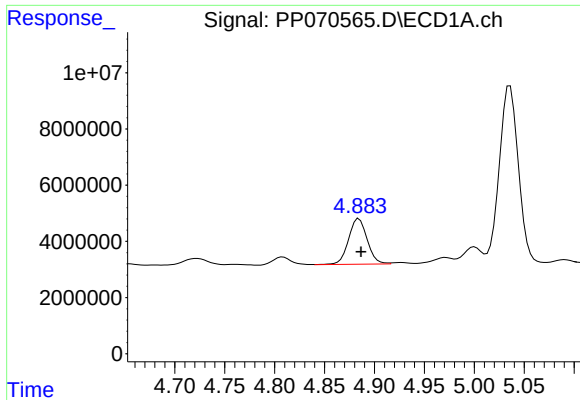
#10 AR-1221-3

R.T.: 4.884 min  
Delta R.T.: -0.005 min  
Response: 21075460  
Conc: 475.05 ng/ml



#10 AR-1221-3

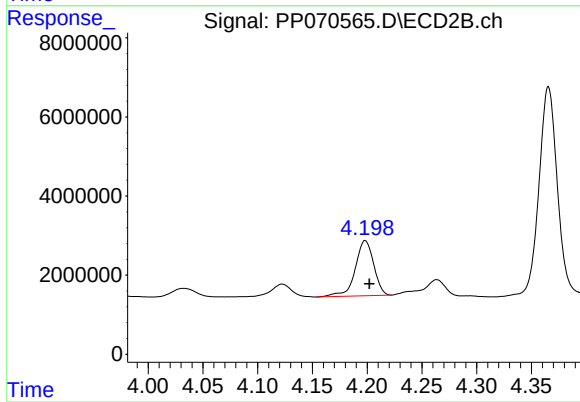
R.T.: 4.198 min  
Delta R.T.: -0.005 min  
Response: 16393362  
Conc: 490.50 ng/ml



#11 AR-1232-1

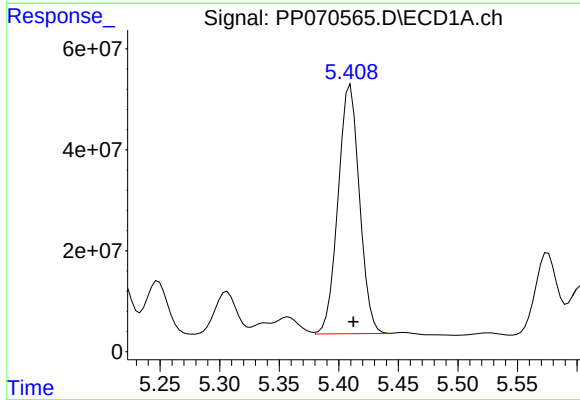
R.T.: 4.884 min  
Delta R.T.: -0.002 min  
Response: 21075460  
Conc: 592.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



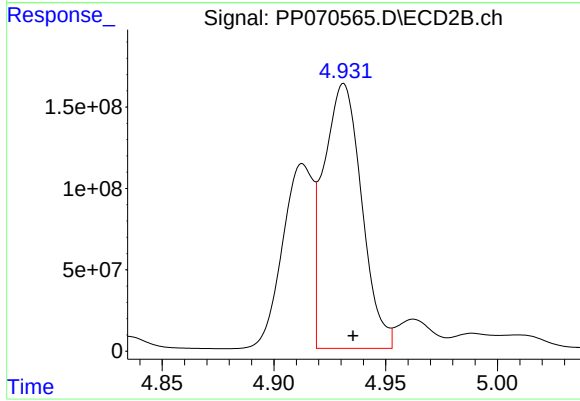
#11 AR-1232-1

R.T.: 4.198 min  
Delta R.T.: -0.004 min  
Response: 16393362  
Conc: 623.09 ng/ml



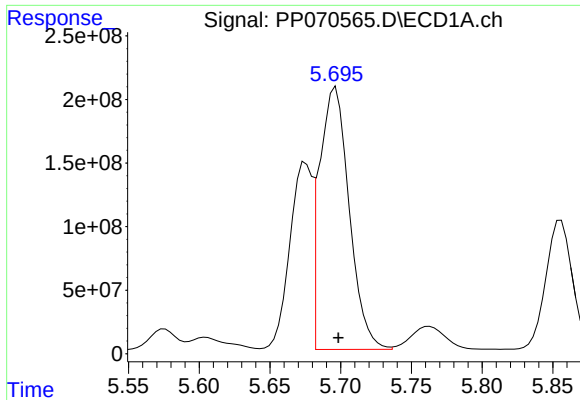
#12 AR-1232-2

R.T.: 5.410 min  
Delta R.T.: -0.002 min  
Response: 616034900  
Conc: 36520.62 ng/ml



#12 AR-1232-2

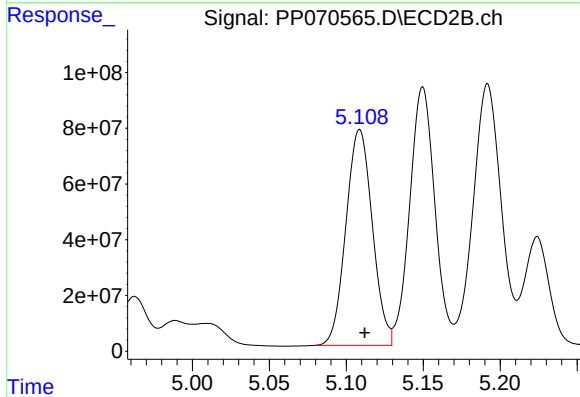
R.T.: 4.931 min  
Delta R.T.: -0.004 min  
Response: 1925555011  
Conc: 74598.96 ng/ml



#13 AR-1232-3

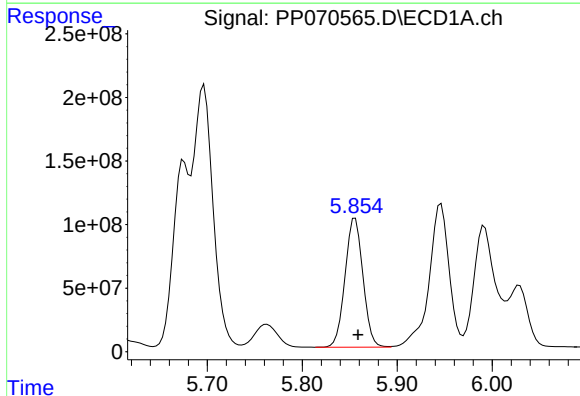
R.T.: 5.696 min  
Delta R.T.: -0.002 min  
Response: 3025446169  
Conc: 82730.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



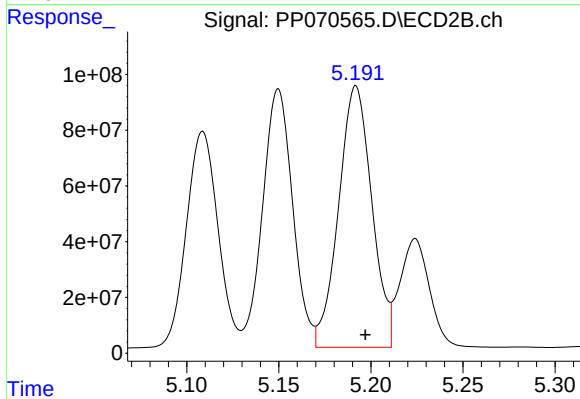
#13 AR-1232-3

R.T.: 5.109 min  
Delta R.T.: -0.003 min  
Response: 923255472  
Conc: 65904.72 ng/ml



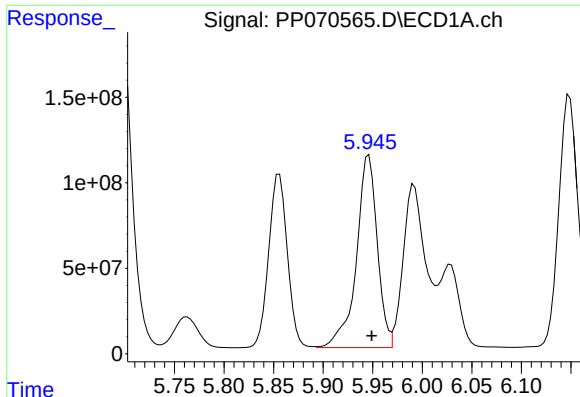
#14 AR-1232-4

R.T.: 5.856 min  
Delta R.T.: -0.003 min  
Response: 1331480806  
Conc: 70098.96 ng/ml



#14 AR-1232-4

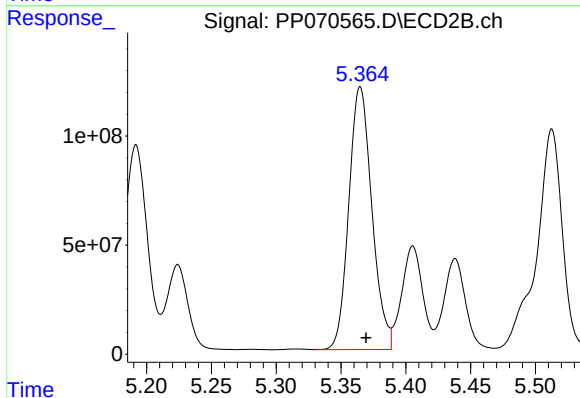
R.T.: 5.192 min  
Delta R.T.: -0.005 min  
Response: 1177907548  
Conc: 100570.56 ng/ml



#15 AR-1232-5

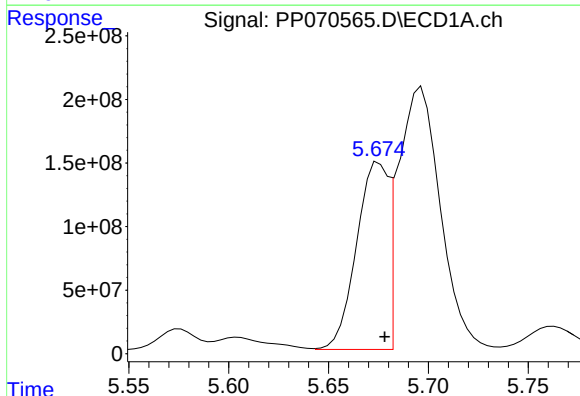
R.T.: 5.946 min  
Delta R.T.: -0.003 min  
Response: 1650836809  
Conc: 126941.28 ng

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



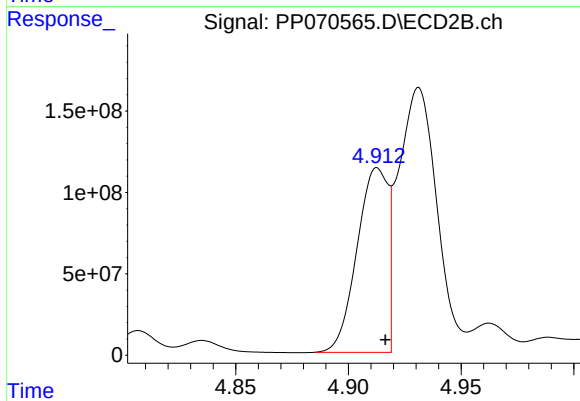
#15 AR-1232-5

R.T.: 5.365 min  
Delta R.T.: -0.004 min  
Response: 1492969789  
Conc: 114246.24 ng/ml



#16 AR-1242-1

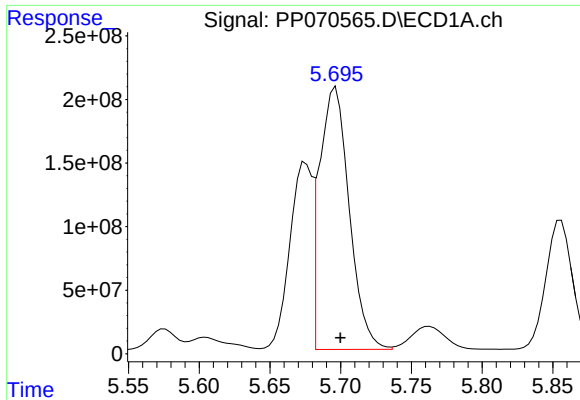
R.T.: 5.675 min  
Delta R.T.: -0.003 min  
Response: 1606929887  
Conc: 36152.59 ng/ml



#16 AR-1242-1

R.T.: 4.913 min  
Delta R.T.: -0.003 min  
Response: 1075903116  
Conc: 35147.12 ng/ml

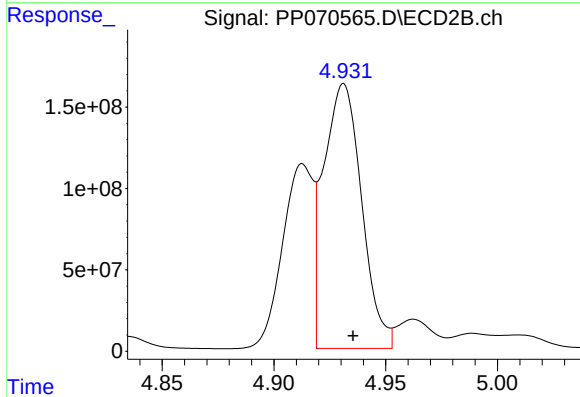




#17 AR-1242-2

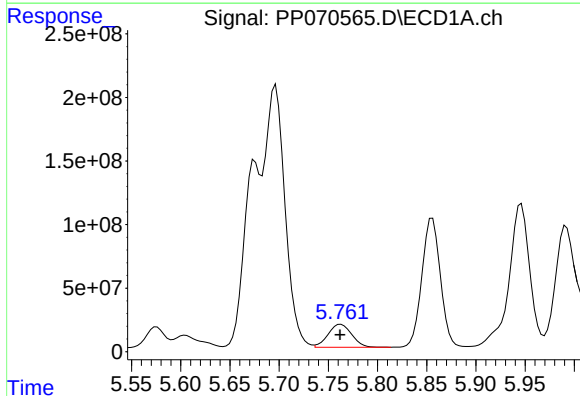
R.T.: 5.696 min  
Delta R.T.: -0.003 min  
Response: 3025446169  
Conc: 49289.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



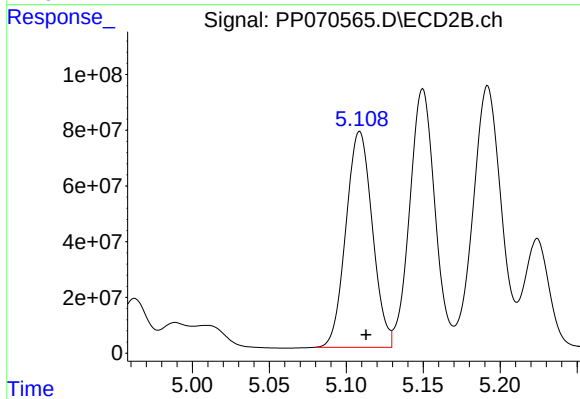
#17 AR-1242-2

R.T.: 4.931 min  
Delta R.T.: -0.004 min  
Response: 1925555011  
Conc: 44166.57 ng/ml



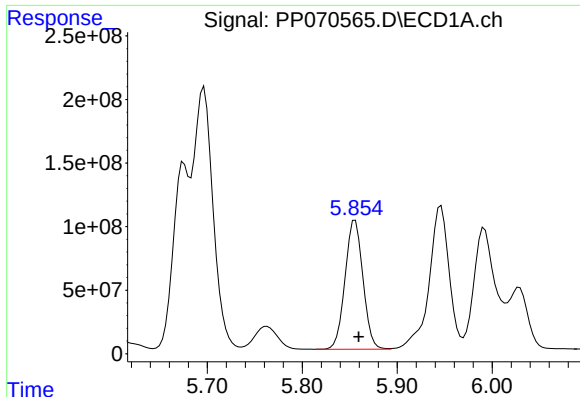
#18 AR-1242-3

R.T.: 5.763 min  
Delta R.T.: 0.000 min  
Response: 302812888  
Conc: 8161.81 ng/ml



#18 AR-1242-3

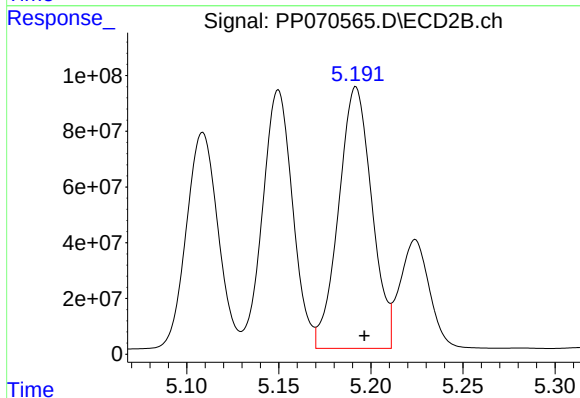
R.T.: 5.109 min  
Delta R.T.: -0.004 min  
Response: 923255472  
Conc: 38739.63 ng/ml



#19 AR-1242-4

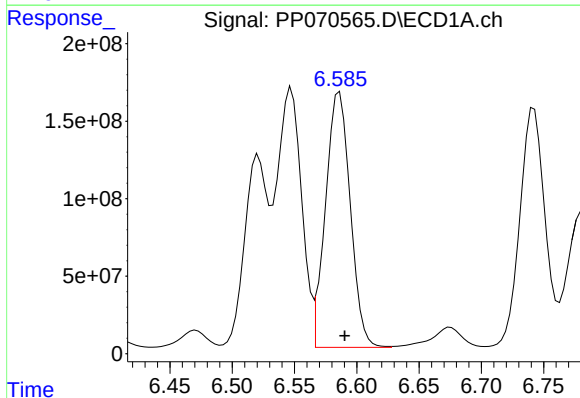
R.T.: 5.856 min  
Delta R.T.: -0.004 min  
Response: 1331480806  
Conc: 41436.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



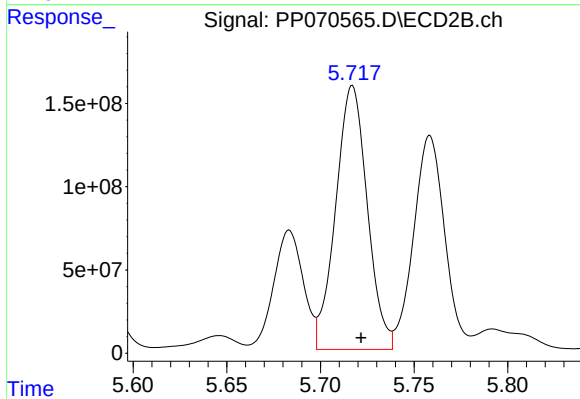
#19 AR-1242-4

R.T.: 5.192 min  
Delta R.T.: -0.005 min  
Response: 1177907548  
Conc: 53438.01 ng/ml



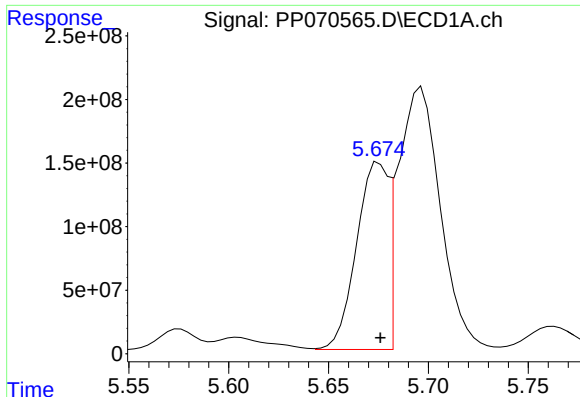
#20 AR-1242-5

R.T.: 6.586 min  
Delta R.T.: -0.004 min  
Response: 2276223941  
Conc: 73314.20 ng/ml



#20 AR-1242-5

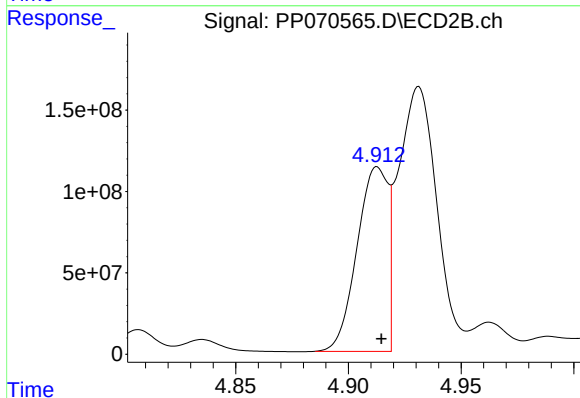
R.T.: 5.717 min  
Delta R.T.: -0.005 min  
Response: 1860580173  
Conc: 66637.02 ng/ml



#21 AR-1248-1

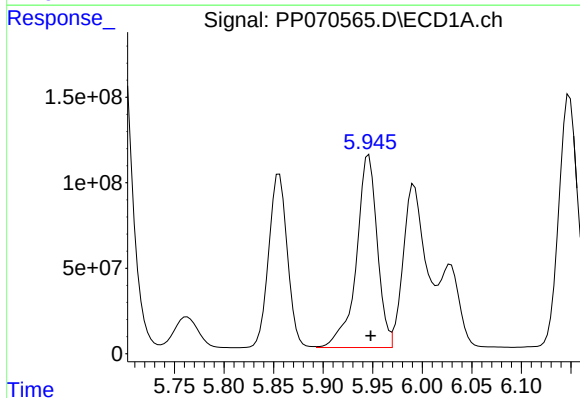
R.T.: 5.675 min  
Delta R.T.: 0.000 min  
Response: 1606929887  
Conc: 47046.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



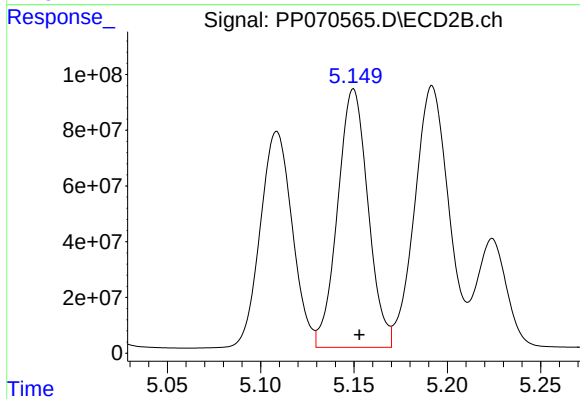
#21 AR-1248-1

R.T.: 4.913 min  
Delta R.T.: -0.002 min  
Response: 1075903116  
Conc: 45830.83 ng/ml



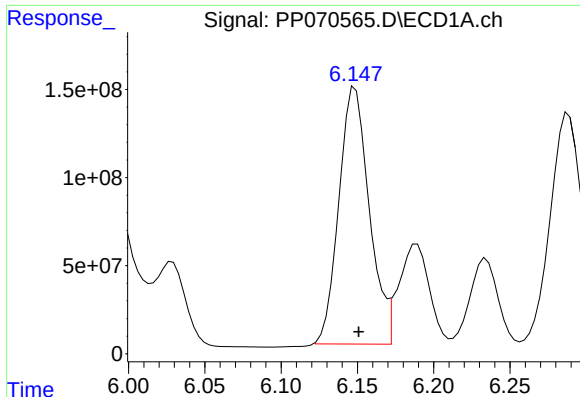
#22 AR-1248-2

R.T.: 5.946 min  
Delta R.T.: -0.002 min  
Response: 1650836809  
Conc: 38891.47 ng/ml



#22 AR-1248-2

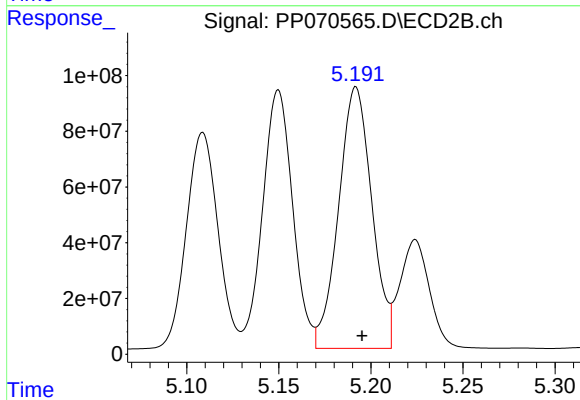
R.T.: 5.150 min  
Delta R.T.: -0.003 min  
Response: 1052226275  
Conc: 33613.75 ng/ml



#23 AR-1248-3

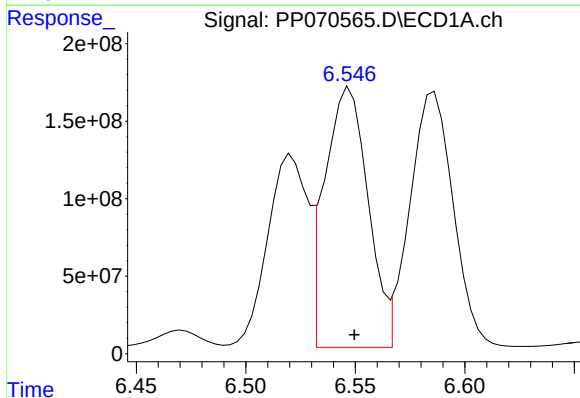
R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 2015985893  
Conc: 43684.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



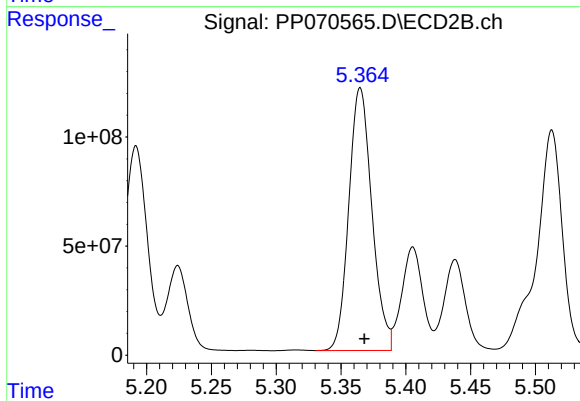
#23 AR-1248-3

R.T.: 5.192 min  
Delta R.T.: -0.003 min  
Response: 1177907548  
Conc: 37132.70 ng/ml



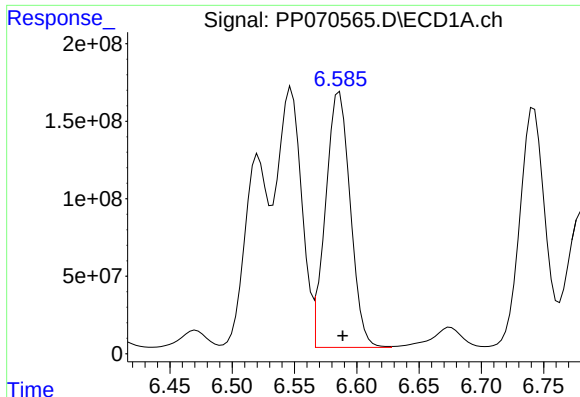
#24 AR-1248-4

R.T.: 6.548 min  
Delta R.T.: -0.002 min  
Response: 2306802945  
Conc: 39778.46 ng/ml



#24 AR-1248-4

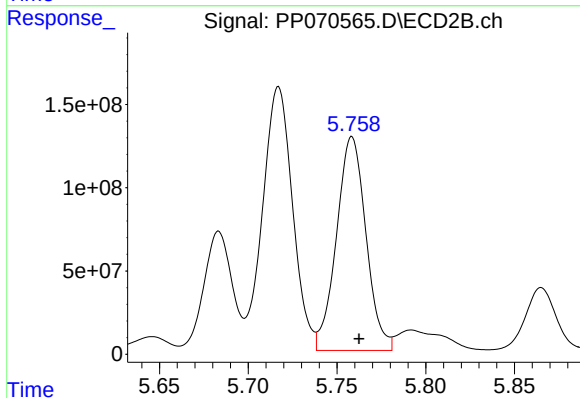
R.T.: 5.365 min  
Delta R.T.: -0.003 min  
Response: 1492969789  
Conc: 38307.63 ng/ml



#25 AR-1248-5

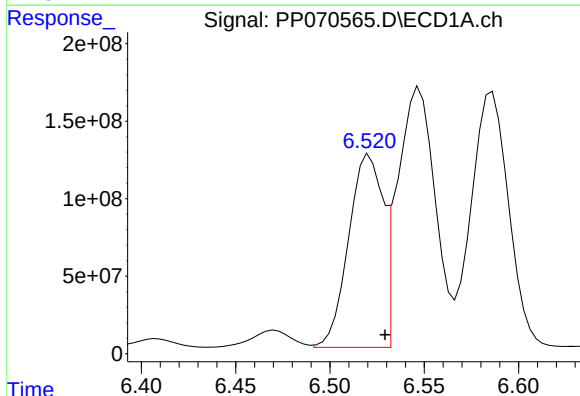
R.T.: 6.586 min  
Delta R.T.: -0.003 min  
Response: 2276223941  
Conc: 42397.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



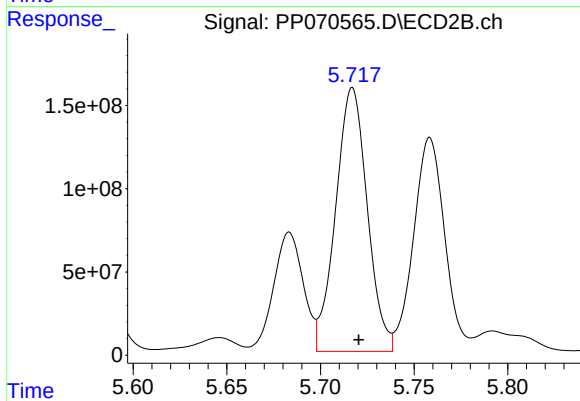
#25 AR-1248-5

R.T.: 5.758 min  
Delta R.T.: -0.004 min  
Response: 1485980438  
Conc: 39015.75 ng/ml



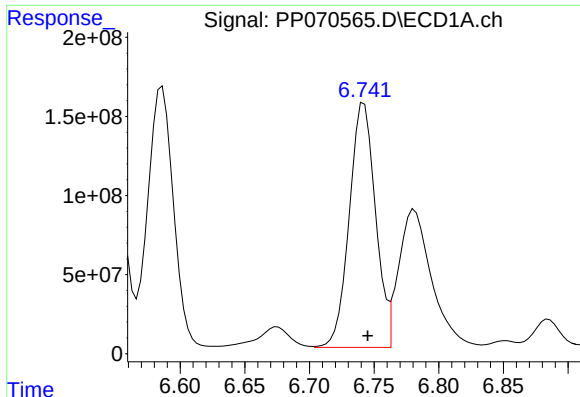
#26 AR-1254-1

R.T.: 6.521 min  
Delta R.T.: -0.008 min  
Response: 1573035058  
Conc: 27471.90 ng/ml



#26 AR-1254-1

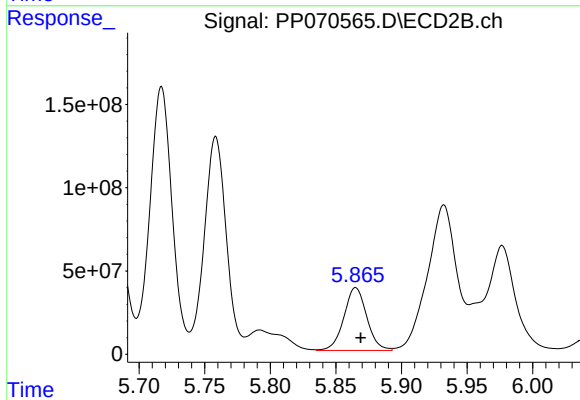
R.T.: 5.717 min  
Delta R.T.: -0.003 min  
Response: 1860580173  
Conc: 33034.23 ng/ml



#27 AR-1254-2

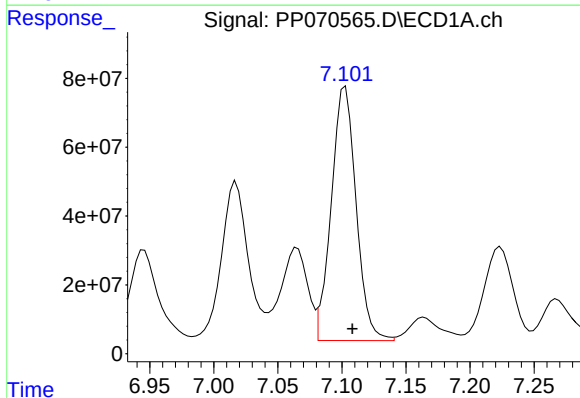
R.T.: 6.742 min  
Delta R.T.: -0.003 min  
Response: 2170052612  
Conc: 26773.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



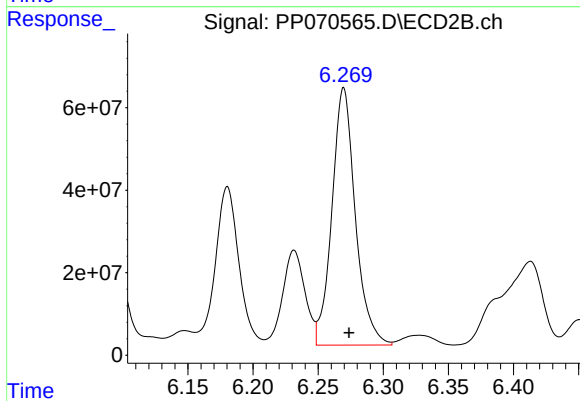
#27 AR-1254-2

R.T.: 5.865 min  
Delta R.T.: -0.004 min  
Response: 457154783  
Conc: 9347.53 ng/ml



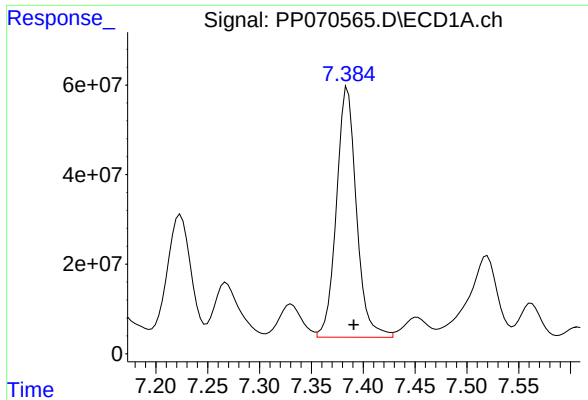
#28 AR-1254-3

R.T.: 7.103 min  
Delta R.T.: -0.005 min  
Response: 995350283  
Conc: 11825.22 ng/ml



#28 AR-1254-3

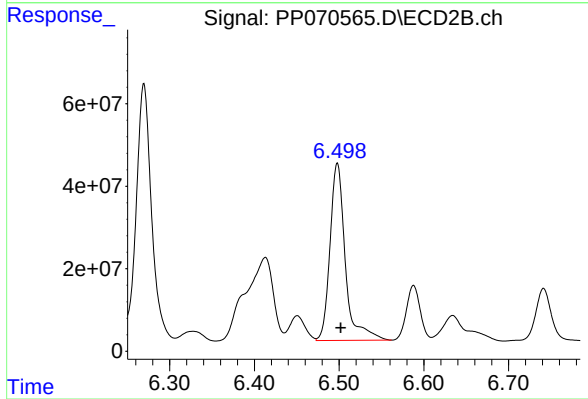
R.T.: 6.270 min  
Delta R.T.: -0.004 min  
Response: 781418301  
Conc: 10361.17 ng/ml



#29 AR-1254-4

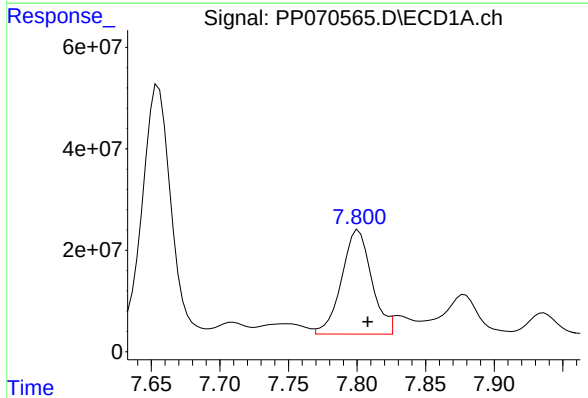
R.T.: 7.385 min  
Delta R.T.: -0.006 min  
Response: 751538794  
Conc: 10715.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



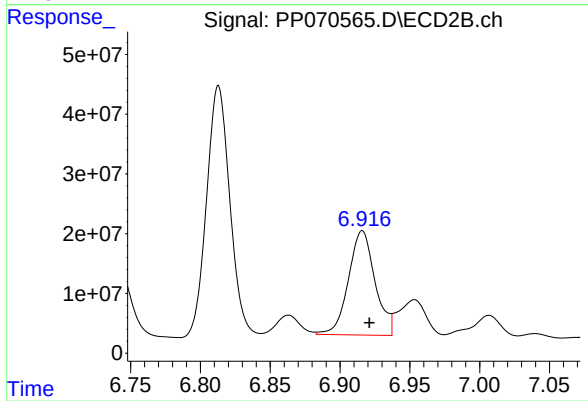
#29 AR-1254-4

R.T.: 6.498 min  
Delta R.T.: -0.004 min  
Response: 540437483  
Conc: 10244.89 ng/ml



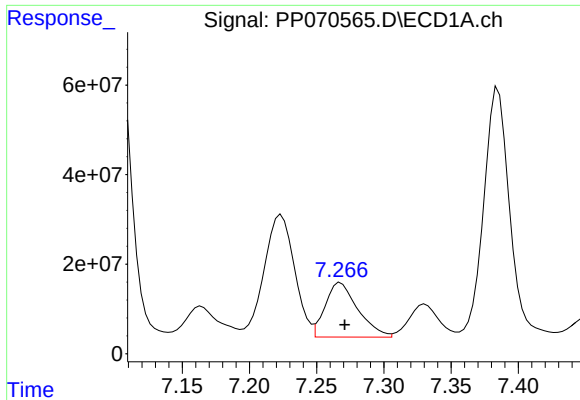
#30 AR-1254-5

R.T.: 7.801 min  
Delta R.T.: -0.007 min  
Response: 313291005  
Conc: 4484.73 ng/ml



#30 AR-1254-5

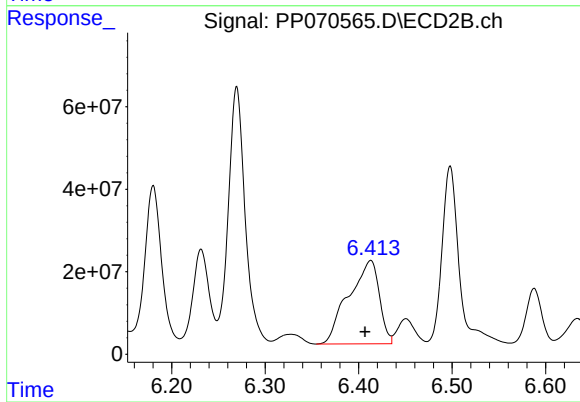
R.T.: 6.916 min  
Delta R.T.: -0.005 min  
Response: 231770406  
Conc: 3356.34 ng/ml



#31 AR-1260-1

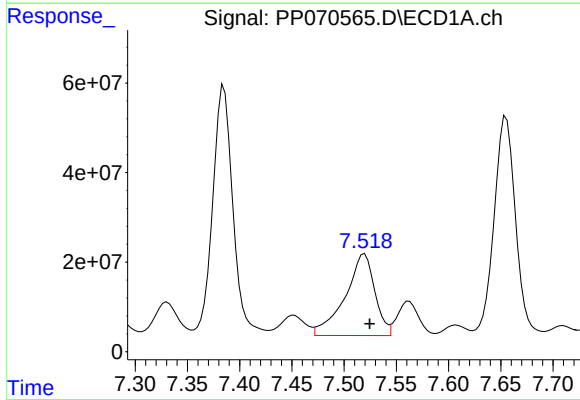
R.T.: 7.268 min  
Delta R.T.: -0.003 min  
Response: 204797596  
Conc: 3486.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



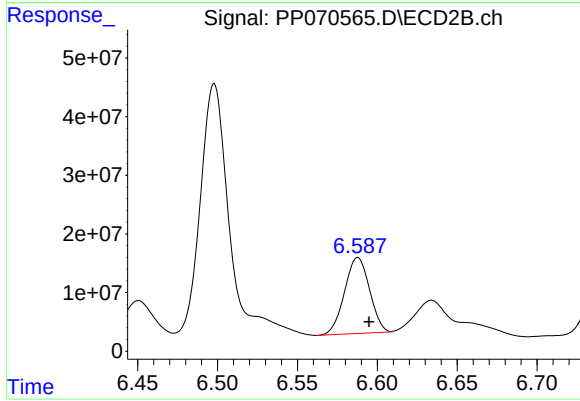
#31 AR-1260-1

R.T.: 6.413 min  
Delta R.T.: 0.006 min  
Response: 458899483  
Conc: 9217.74 ng/ml



#32 AR-1260-2

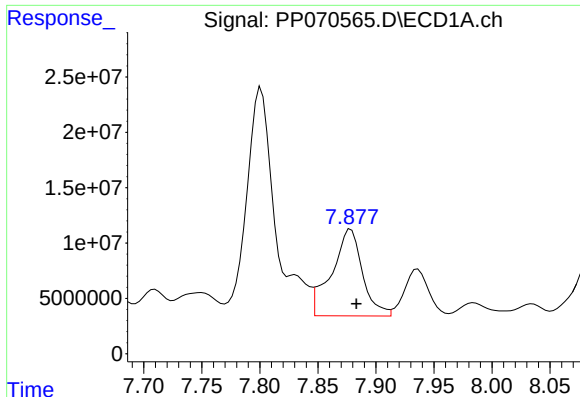
R.T.: 7.519 min  
Delta R.T.: -0.005 min  
Response: 361001523  
Conc: 4400.15 ng/ml



#32 AR-1260-2

R.T.: 6.588 min  
Delta R.T.: -0.007 min  
Response: 140944045  
Conc: 2132.69 ng/ml

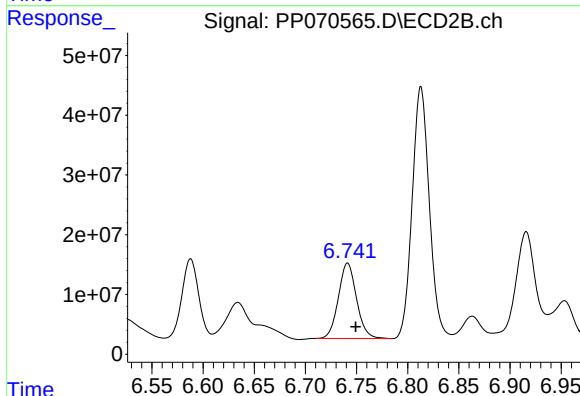




#33 AR-1260-3

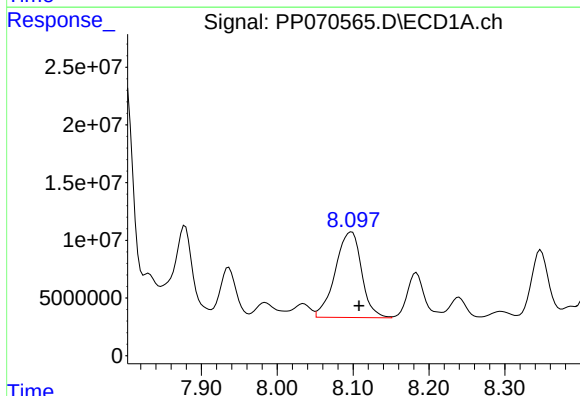
R.T.: 7.878 min  
Delta R.T.: -0.005 min  
Response: 144991552  
Conc: 2204.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



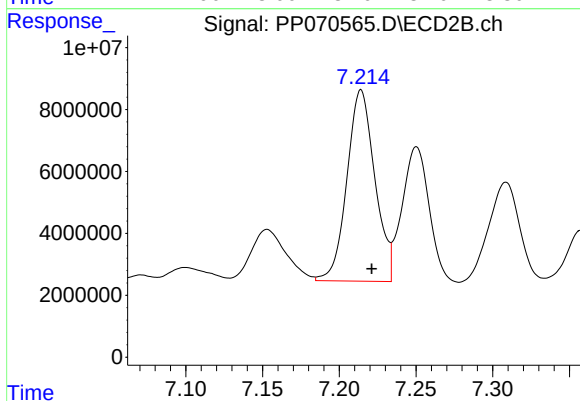
#33 AR-1260-3

R.T.: 6.741 min  
Delta R.T.: -0.008 min  
Response: 156050611  
Conc: 2728.28 ng/ml



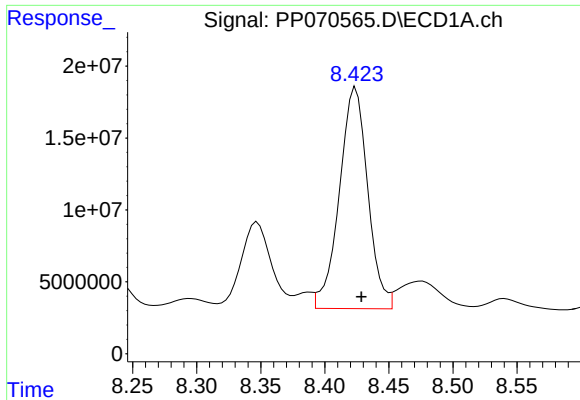
#34 AR-1260-4

R.T.: 8.098 min  
Delta R.T.: -0.010 min  
Response: 179011722  
Conc: 2739.58 ng/ml



#34 AR-1260-4

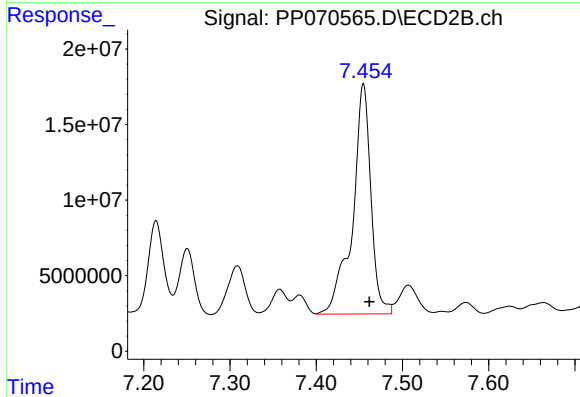
R.T.: 7.214 min  
Delta R.T.: -0.007 min  
Response: 78496874  
Conc: 1534.24 ng/ml



#35 AR-1260-5

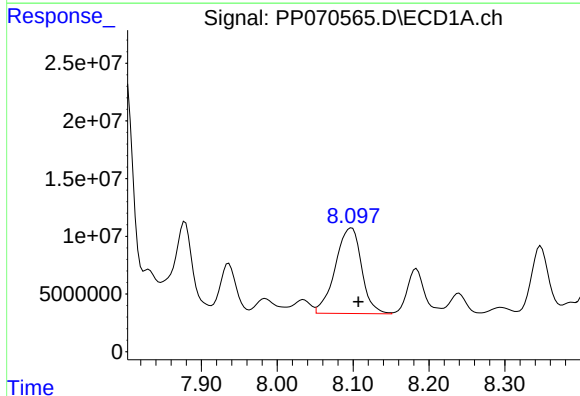
R.T.: 8.424 min  
Delta R.T.: -0.004 min  
Response: 237611112  
Conc: 1738.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



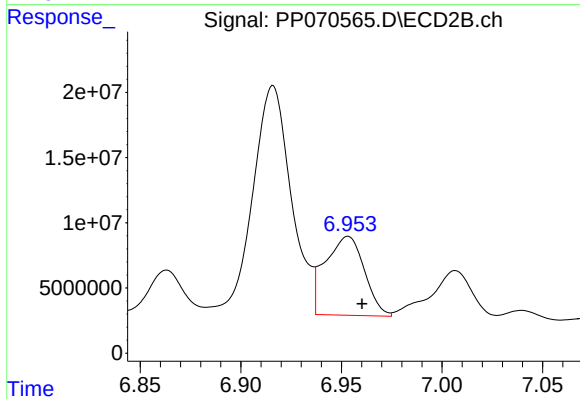
#35 AR-1260-5

R.T.: 7.455 min  
Delta R.T.: -0.007 min  
Response: 226044852  
Conc: 1755.21 ng/ml



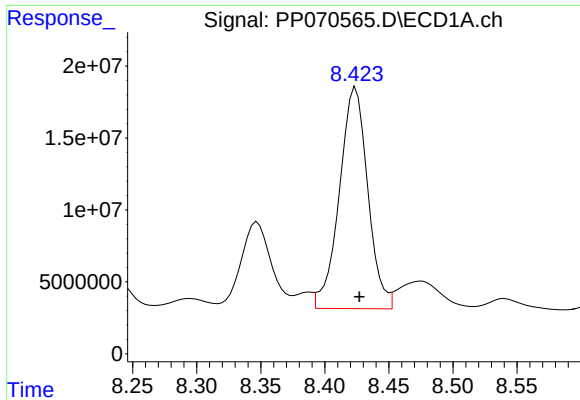
#36 AR-1262-1

R.T.: 8.098 min  
Delta R.T.: -0.009 min  
Response: 179011722  
Conc: 2190.59 ng/ml



#36 AR-1262-1

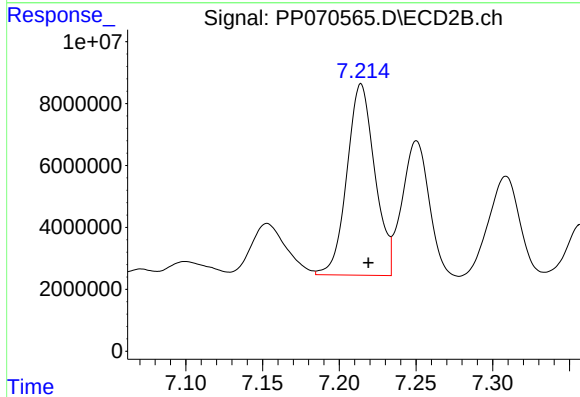
R.T.: 6.953 min  
Delta R.T.: -0.007 min  
Response: 82139662  
Conc: 981.78 ng/ml



#37 AR-1262-2

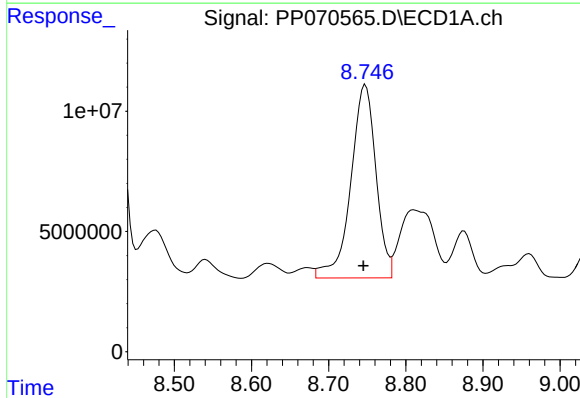
R.T.: 8.424 min  
Delta R.T.: -0.003 min  
Response: 237611112  
Conc: 1442.57 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



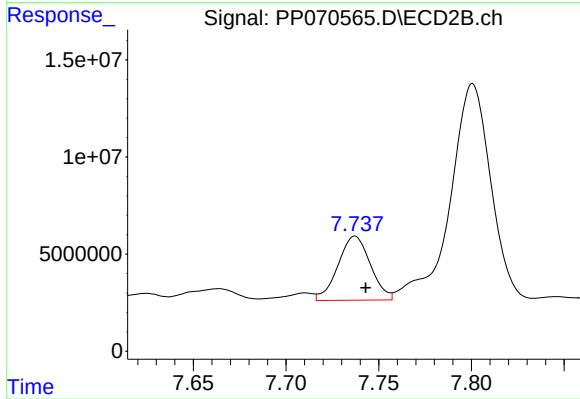
#37 AR-1262-2

R.T.: 7.214 min  
Delta R.T.: -0.005 min  
Response: 78496874  
Conc: 1142.11 ng/ml



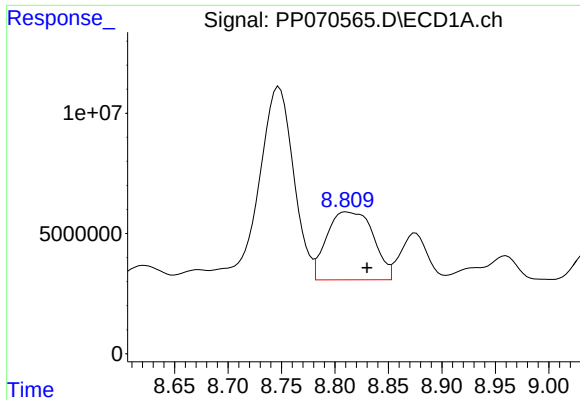
#38 AR-1262-3

R.T.: 8.748 min  
Delta R.T.: 0.003 min  
Response: 182206691  
Conc: 1624.46 ng/ml



#38 AR-1262-3

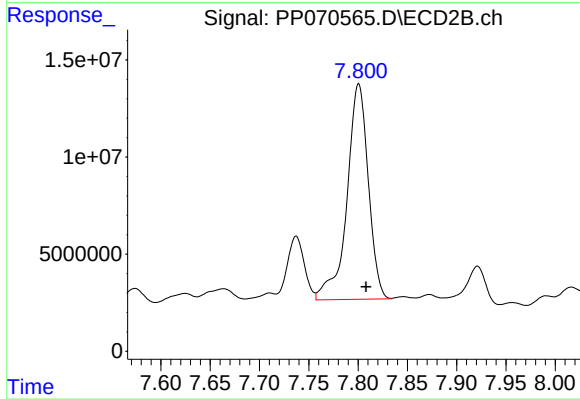
R.T.: 7.737 min  
Delta R.T.: -0.006 min  
Response: 40235905  
Conc: 609.76 ng/ml



#39 AR-1262-4

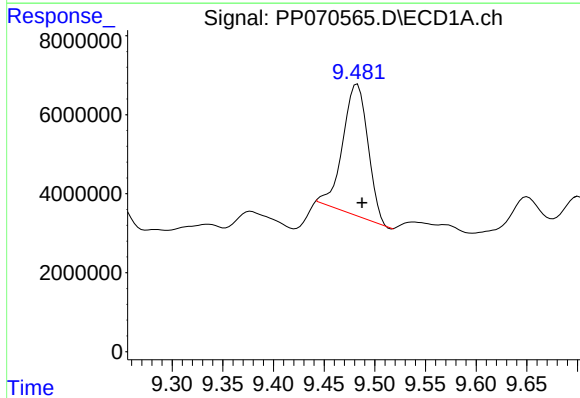
R.T.: 8.811 min  
Delta R.T.: -0.019 min  
Response: 85594437  
Conc: 1021.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



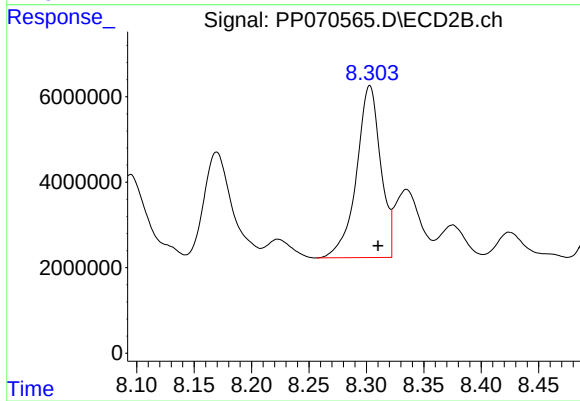
#39 AR-1262-4

R.T.: 7.801 min  
Delta R.T.: -0.007 min  
Response: 167237347  
Conc: 1601.35 ng/ml



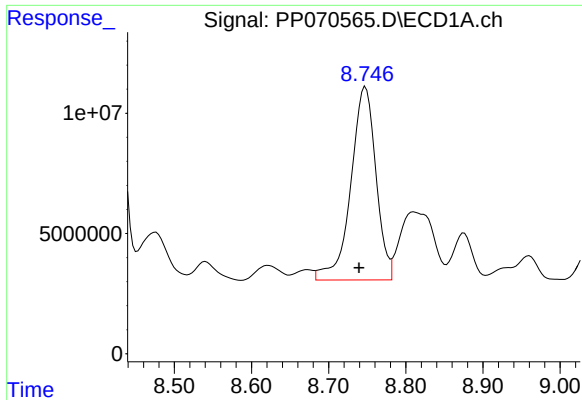
#40 AR-1262-5

R.T.: 9.483 min  
Delta R.T.: -0.005 min  
Response: 57696460  
Conc: 979.63 ng/ml



#40 AR-1262-5

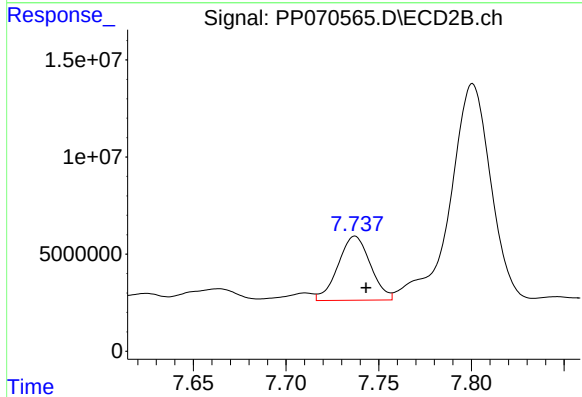
R.T.: 8.303 min  
Delta R.T.: -0.007 min  
Response: 58930509  
Conc: 1143.17 ng/ml



#41 AR-1268-1

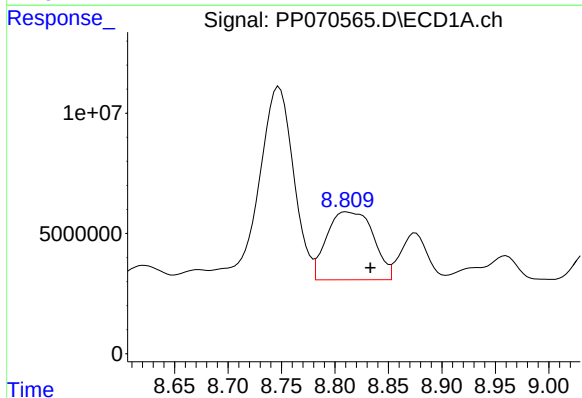
R.T.: 8.748 min  
Delta R.T.: 0.008 min  
Response: 182206691  
Conc: 919.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



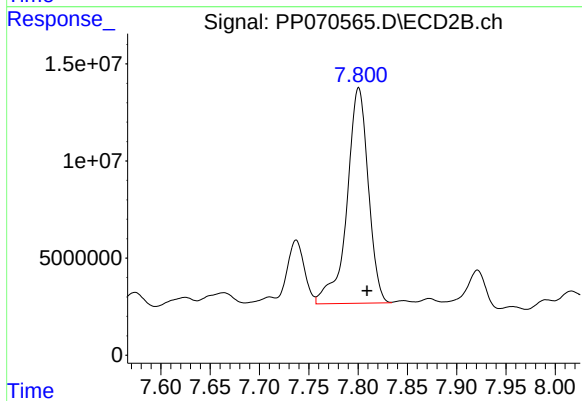
#41 AR-1268-1

R.T.: 7.737 min  
Delta R.T.: -0.006 min  
Response: 40235905  
Conc: 229.82 ng/ml



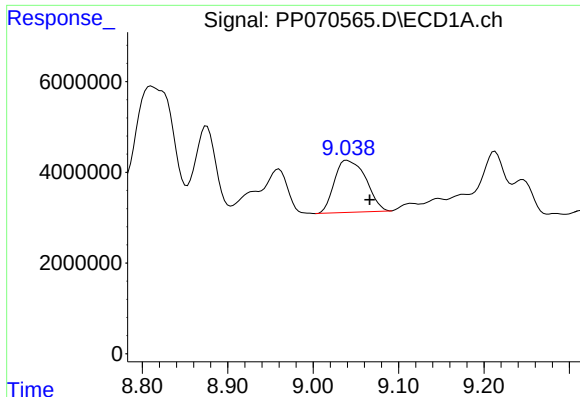
#42 AR-1268-2

R.T.: 8.811 min  
Delta R.T.: -0.022 min  
Response: 85594437  
Conc: 504.34 ng/ml



#42 AR-1268-2

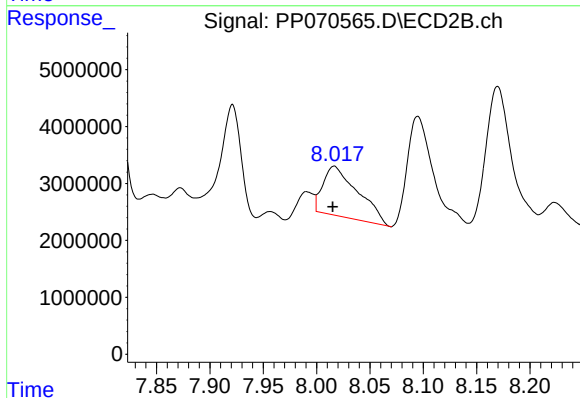
R.T.: 7.801 min  
Delta R.T.: -0.009 min  
Response: 167237347  
Conc: 1145.00 ng/ml



#43 AR-1268-3

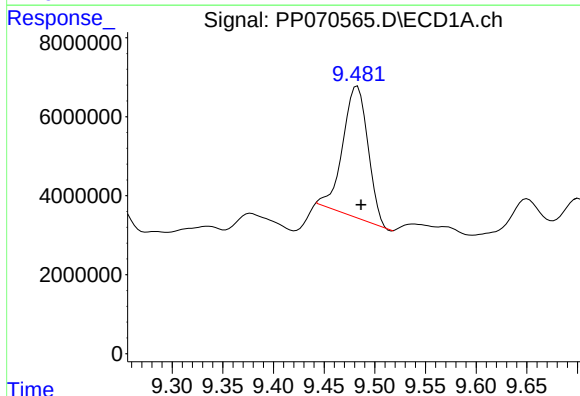
R.T.: 9.040 min  
Delta R.T.: -0.026 min  
Response: 29365102  
Conc: 200.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



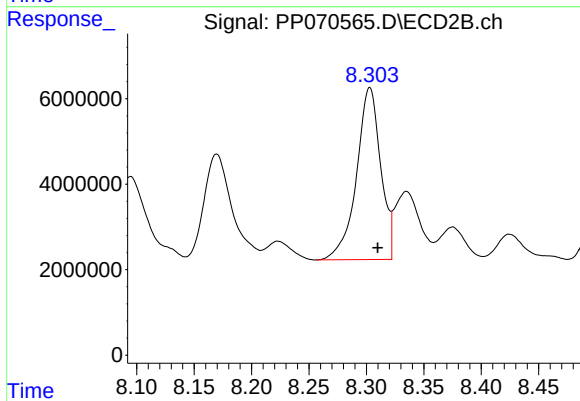
#43 AR-1268-3

R.T.: 8.016 min  
Delta R.T.: 0.001 min  
Response: 19842113  
Conc: 154.62 ng/ml



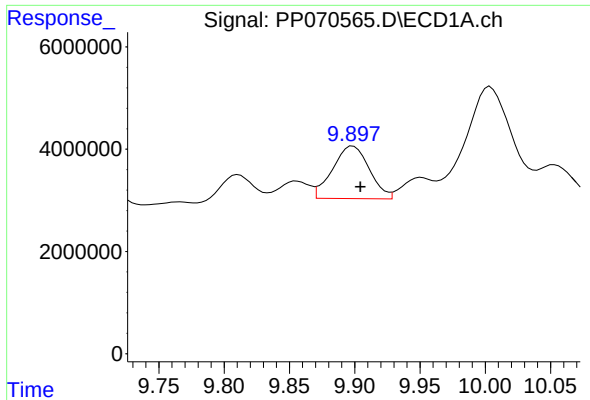
#44 AR-1268-4

R.T.: 9.483 min  
Delta R.T.: -0.004 min  
Response: 57696460  
Conc: 903.18 ng/ml



#44 AR-1268-4

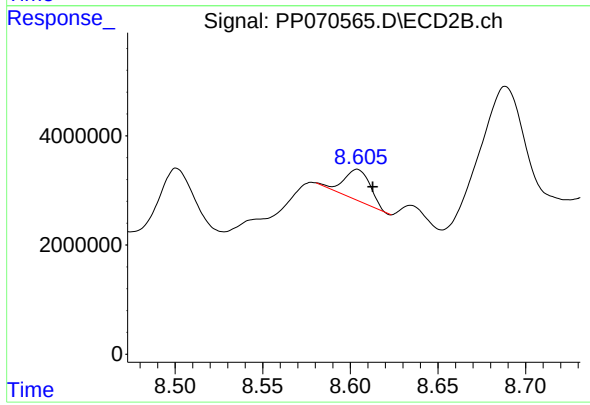
R.T.: 8.303 min  
Delta R.T.: -0.007 min  
Response: 58930509  
Conc: 1071.85 ng/ml



#45 AR-1268-5

R.T.: 9.899 min  
Delta R.T.: -0.006 min  
Response: 20166641  
Conc: 48.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
C0018MSD



#45 AR-1268-5

R.T.: 8.604 min  
Delta R.T.: -0.009 min  
Response: 5919107  
Conc: 16.08 ng/ml