

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP090425\  
 Data File : PP074846.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Sep 2025 10:53  
 Operator : YP\AJ  
 Sample : Q2893-01  
 Misc : AR1248 SOIL LOD 25PPB  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2025

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/05/2025  
 Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 05 01:55:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP081925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 20 06:20:44 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|----------|---------|----------|
| -----                       |        |       |          |          |         |          |
| System Monitoring Compounds |        |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.660  | 3.801 | 25215321 | 92880433 | 20.606  | 19.208   |
| 2) SA Decachlor...          | 10.443 | 8.814 | 19861711 | 113.7E6  | 20.113  | 15.157   |
| Target Compounds            |        |       |          |          |         |          |
| 21) L5 AR-1248-1            | 5.812  | 4.895 | 721882   | 4985485  | 23.884  | 18.054   |
| 22) L5 AR-1248-2            | 6.083  | 5.121 | 1146277  | 4910955  | 26.598  | 27.784   |
| 23) L5 AR-1248-3            | 6.286  | 5.159 | 1218211  | 4531379  | 26.084  | 19.944   |
| 24) L5 AR-1248-4            | 6.684  | 5.331 | 1608472  | 4508959  | 29.245  | 20.681 # |
| 25) L5 AR-1248-5            | 6.721  | 5.734 | 1805477  | 8290098  | 32.548m | 22.569 # |
| -----                       |        |       |          |          |         |          |

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

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Sample : Q2893-01  
Misc : AR1248 SOIL LOD 25PPB  
ALS Vial : 9 Sample Multiplier: 1

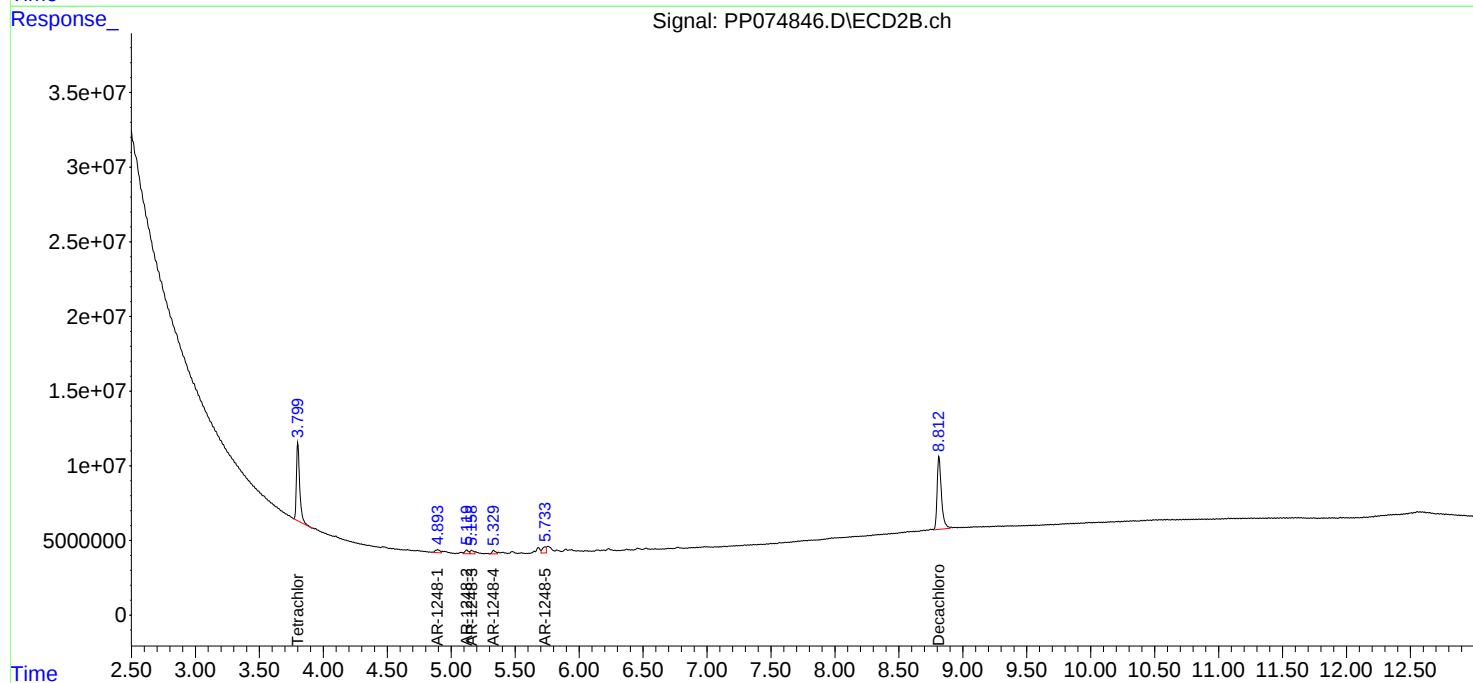
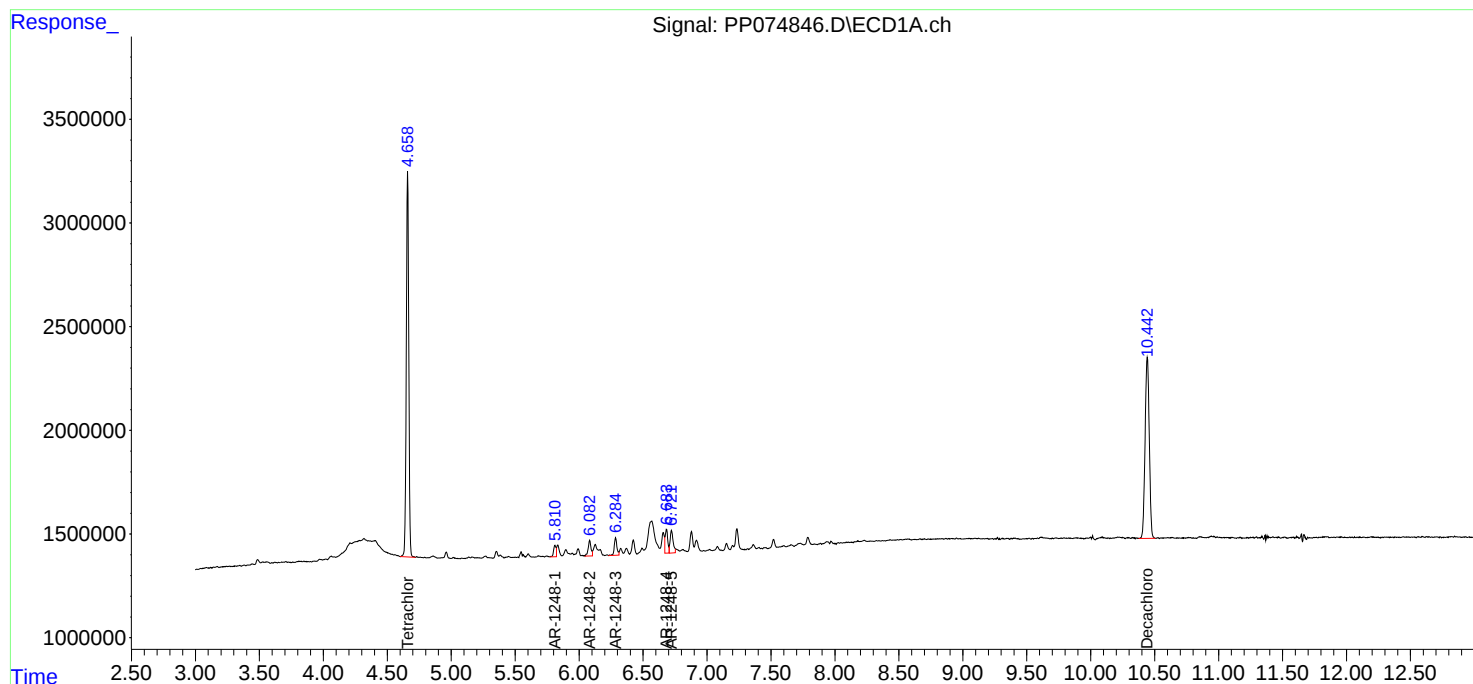
Instrument :  
ECD\_P  
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LOD-MDL-SOIL-01-QT3-2025

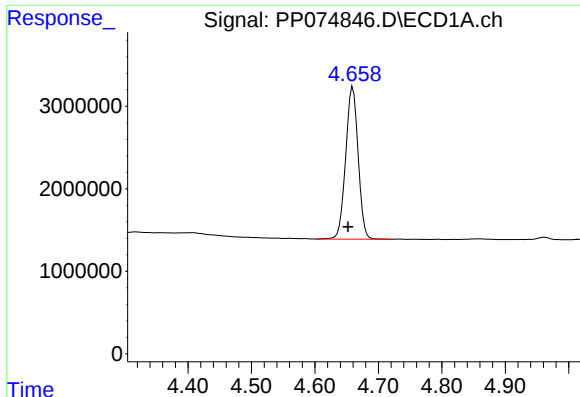
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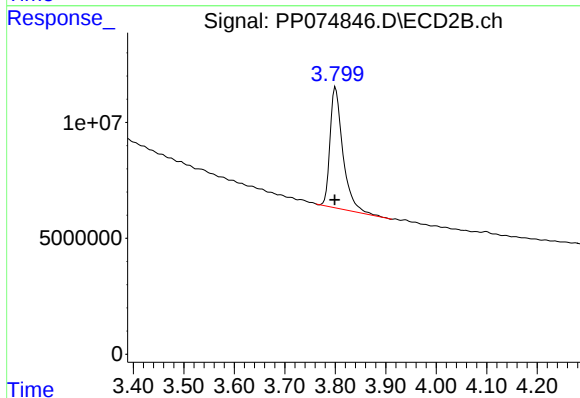
#1 Tetrachloro-m-xylene

R.T.: 4.660 min  
Delta R.T.: 0.008 min  
Response: 25215321  
Conc: 20.61 ng/ml

Instrument :  
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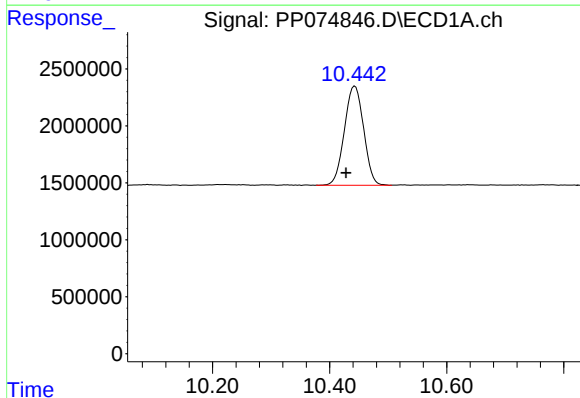
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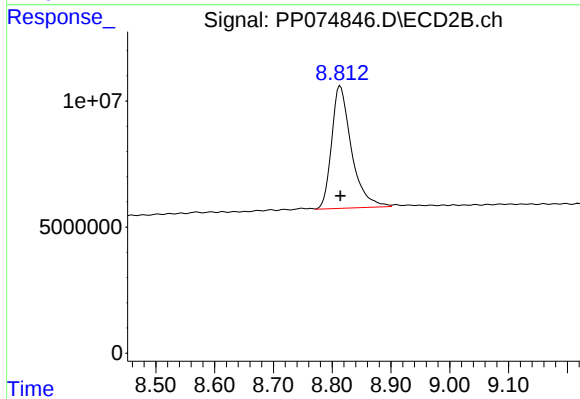
#1 Tetrachloro-m-xylene

R.T.: 3.801 min  
Delta R.T.: 0.002 min  
Response: 92880433  
Conc: 19.21 ng/ml



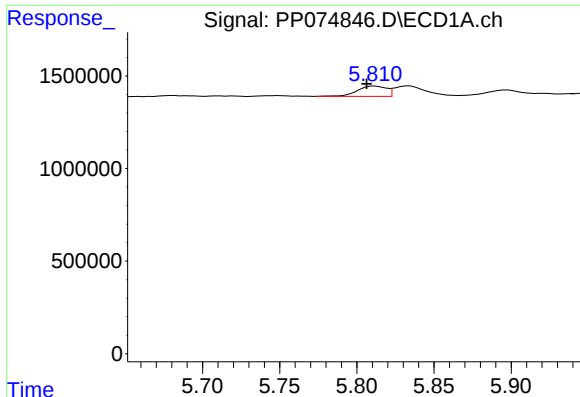
#2 Decachlorobiphenyl

R.T.: 10.443 min  
Delta R.T.: 0.015 min  
Response: 19861711  
Conc: 20.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.814 min  
Delta R.T.: 0.000 min  
Response: 113662756  
Conc: 15.16 ng/ml



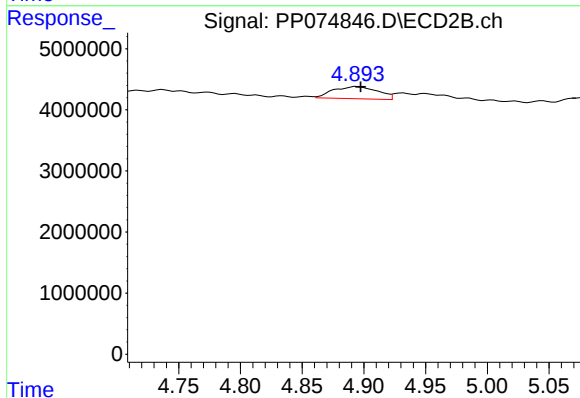
#21 AR-1248-1

R.T.: 5.812 min  
Delta R.T.: 0.005 min  
Response: 721882  
Conc: 23.88 ng/ml

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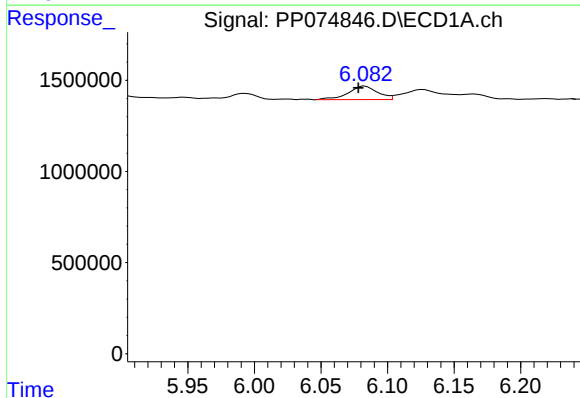
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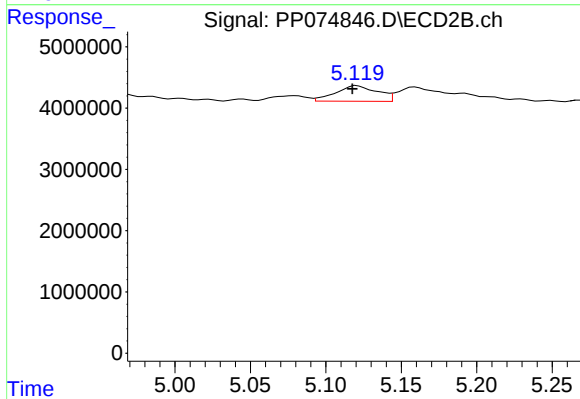
#21 AR-1248-1

R.T.: 4.895 min  
Delta R.T.: -0.003 min  
Response: 4985485  
Conc: 18.05 ng/ml



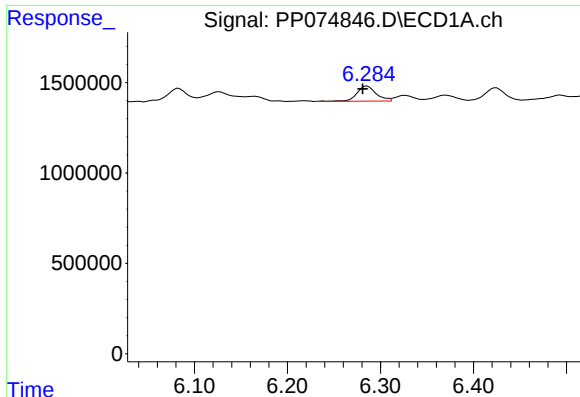
#22 AR-1248-2

R.T.: 6.083 min  
Delta R.T.: 0.005 min  
Response: 1146277  
Conc: 26.60 ng/ml



#22 AR-1248-2

R.T.: 5.121 min  
Delta R.T.: 0.003 min  
Response: 4910955  
Conc: 27.78 ng/ml



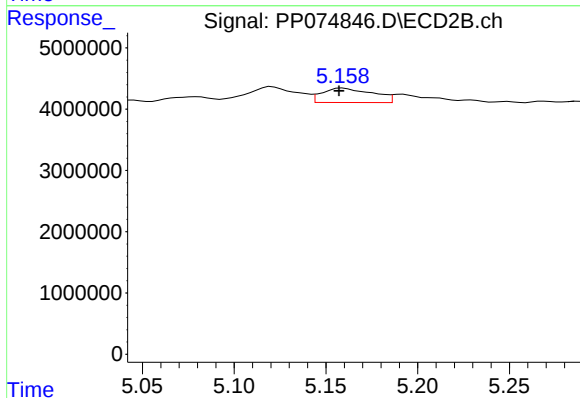
#23 AR-1248-3

R.T.: 6.286 min  
Delta R.T.: 0.005 min  
Response: 1218211  
Conc: 26.08 ng/ml

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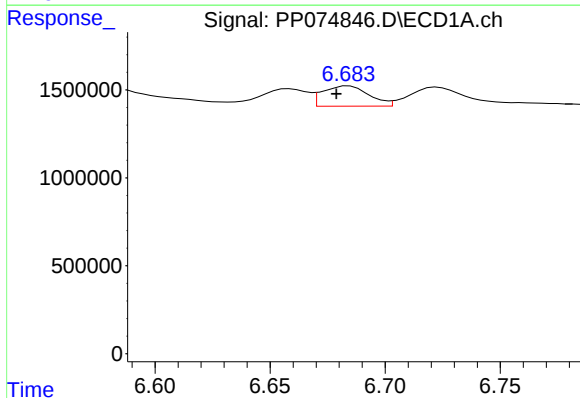
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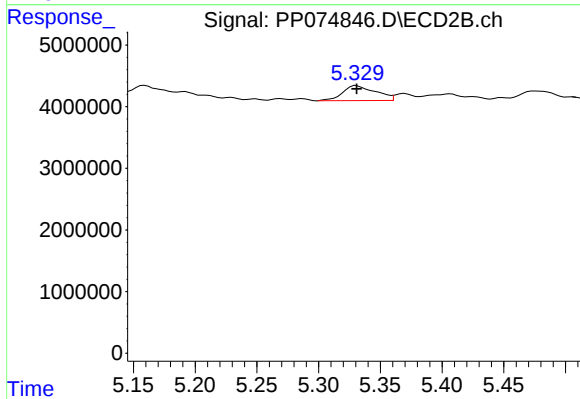
#23 AR-1248-3

R.T.: 5.159 min  
Delta R.T.: 0.002 min  
Response: 4531379  
Conc: 19.94 ng/ml



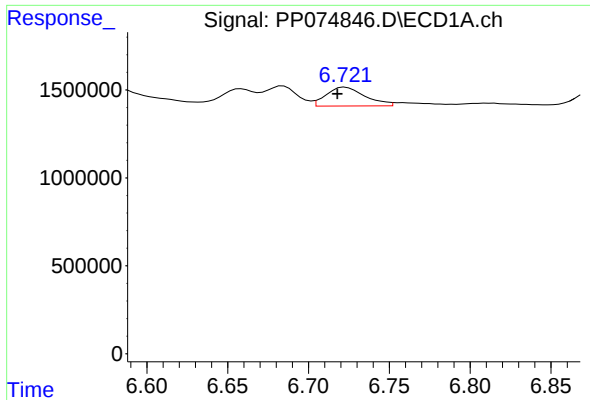
#24 AR-1248-4

R.T.: 6.684 min  
Delta R.T.: 0.005 min  
Response: 1608472  
Conc: 29.24 ng/ml



#24 AR-1248-4

R.T.: 5.331 min  
Delta R.T.: 0.000 min  
Response: 4508959  
Conc: 20.68 ng/ml



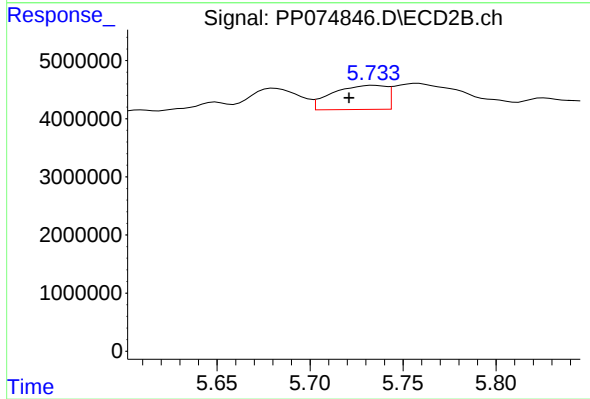
#25 AR-1248-5

R.T.: 6.721 min  
Delta R.T.: 0.003 min  
Response: 1805477  
Conc: 32.55 ng/ml

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#25 AR-1248-5

R.T.: 5.734 min  
Delta R.T.: 0.013 min  
Response: 8290098  
Conc: 22.57 ng/ml