

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP081023\  
 Data File : PP059298.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2023 12:49  
 Operator : YP\AJ  
 Sample : 03572-03  
 Misc : AR1232 MDL 25 PPB  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 MDL-SOIL-03-QT3-2023

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023  
 Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 10 21:45:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080823.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 09 02:30:13 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|----------|---------|----------|
| -----                       |        |       |          |          |         |          |
| System Monitoring Compounds |        |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.415  | 3.646 | 20656453 | 35102453 | 16.834  | 17.325   |
| 2) SA Decachlor...          | 10.206 | 8.681 | 14847935 | 29089228 | 19.454  | 20.677   |
| Target Compounds            |        |       |          |          |         |          |
| 11) L3 AR-1232-1            | 4.787  | 4.024 | 662368   | 964877   | 22.532m | 20.335m  |
| 12) L3 AR-1232-2            | 5.322  | 4.758 | 352954   | 979537   | 22.644  | 23.092m  |
| 13) L3 AR-1232-3            | 5.613  | 4.933 | 577481   | 491565   | 21.870  | 22.155m  |
| 14) L3 AR-1232-4            | 5.777  | 5.018 | 270090   | 559170   | 20.408  | 26.483m# |
| 15) L3 AR-1232-5            | 5.867  | 5.191 | 245082   | 718320   | 21.471  | 31.337 # |
| -----                       |        |       |          |          |         |          |

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

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Misc : AR1232 MDL 25 PPB  
ALS Vial : 14 Sample Multiplier: 1

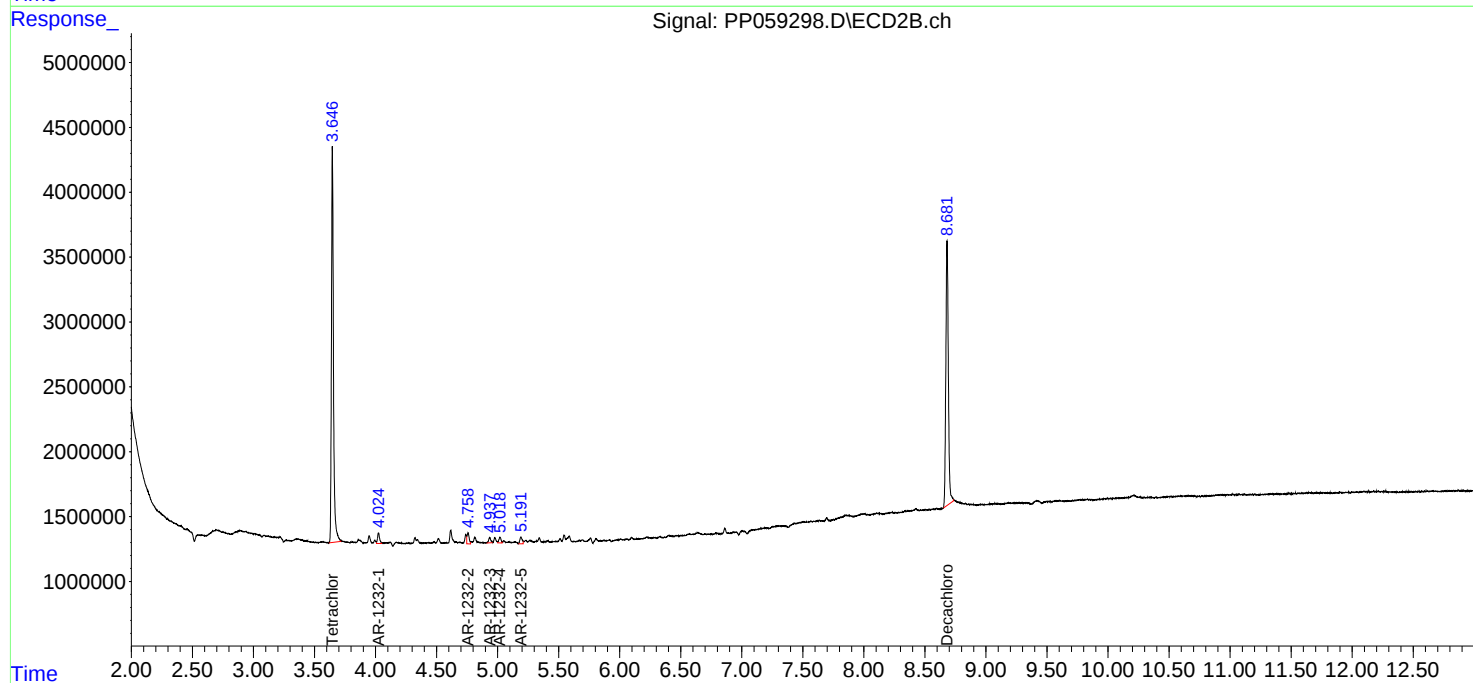
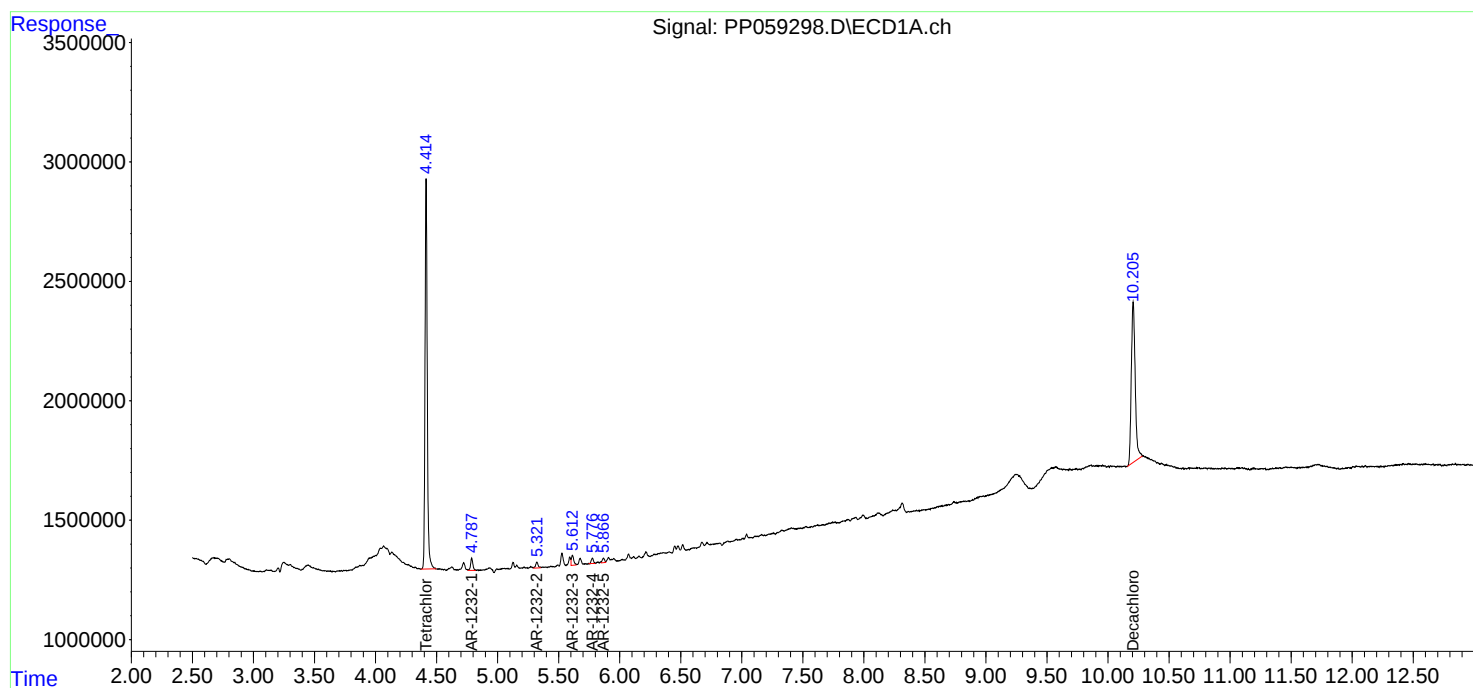
Instrument :  
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MDL-SOIL-03-QT3-2023

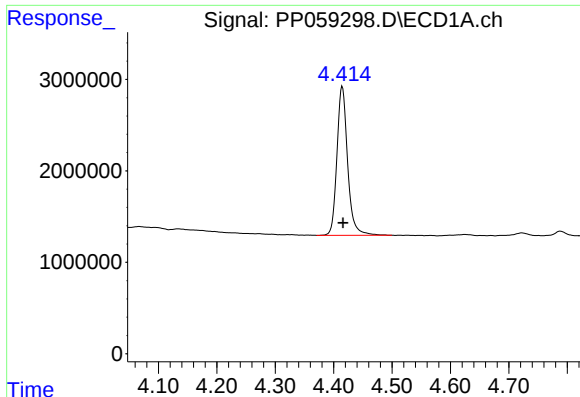
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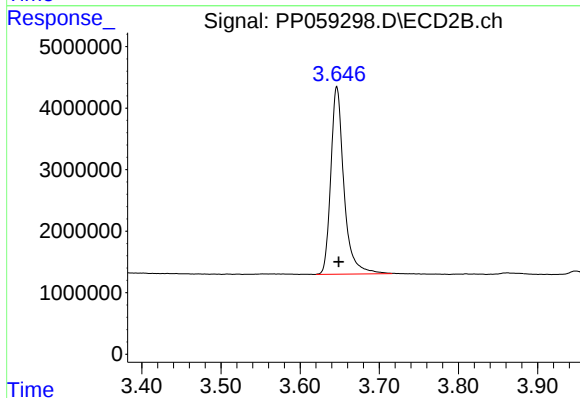
#1 Tetrachloro-m-xylene

R.T.: 4.415 min  
Delta R.T.: -0.001 min  
Response: 20656453  
Conc: 16.83 ng/ml

Instrument :  
ECD\_P  
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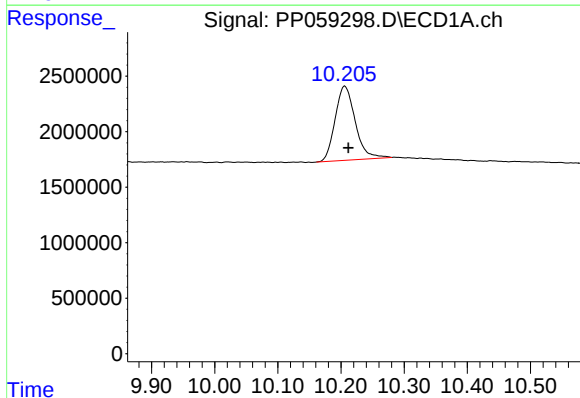
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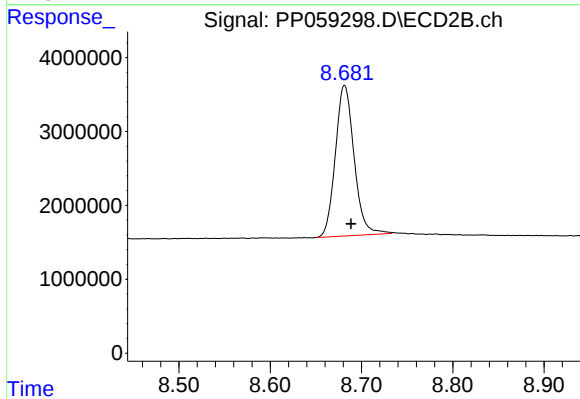
#1 Tetrachloro-m-xylene

R.T.: 3.646 min  
Delta R.T.: -0.002 min  
Response: 35102453  
Conc: 17.32 ng/ml



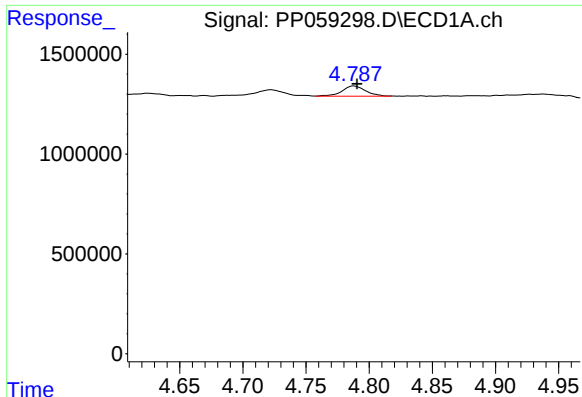
#2 Decachlorobiphenyl

R.T.: 10.206 min  
Delta R.T.: -0.006 min  
Response: 14847935  
Conc: 19.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.681 min  
Delta R.T.: -0.007 min  
Response: 29089228  
Conc: 20.68 ng/ml



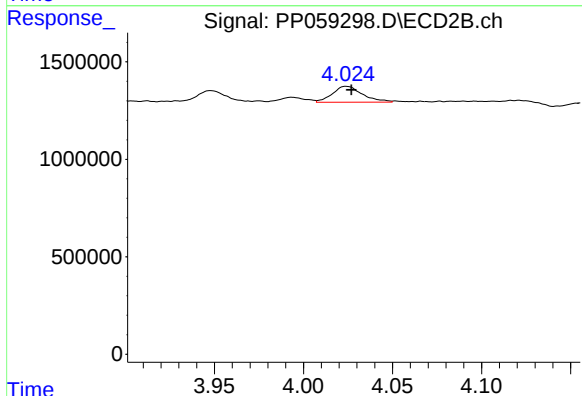
#11 AR-1232-1

R.T.: 4.787 min  
Delta R.T.: -0.003 min  
Response: 662368  
Conc: 22.53 ng/ml

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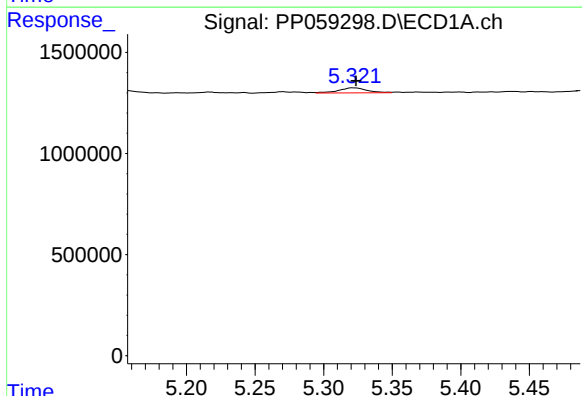
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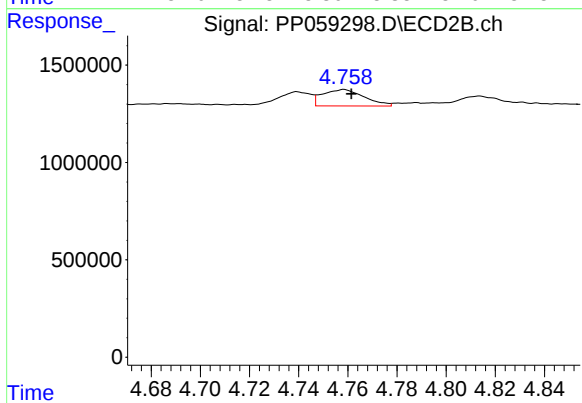
#11 AR-1232-1

R.T.: 4.024 min  
Delta R.T.: -0.003 min  
Response: 964877  
Conc: 20.34 ng/ml m



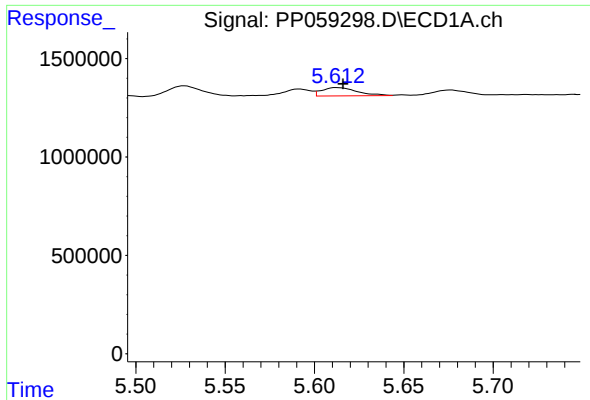
#12 AR-1232-2

R.T.: 5.322 min  
Delta R.T.: -0.002 min  
Response: 352954  
Conc: 22.64 ng/ml



#12 AR-1232-2

R.T.: 4.758 min  
Delta R.T.: -0.003 min  
Response: 979537  
Conc: 23.09 ng/ml m



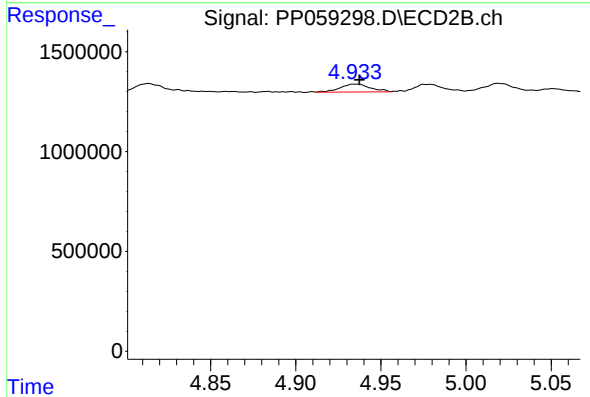
#13 AR-1232-3

R.T.: 5.613 min  
Delta R.T.: -0.003 min  
Response: 577481  
Conc: 21.87 ng/ml

Instrument :  
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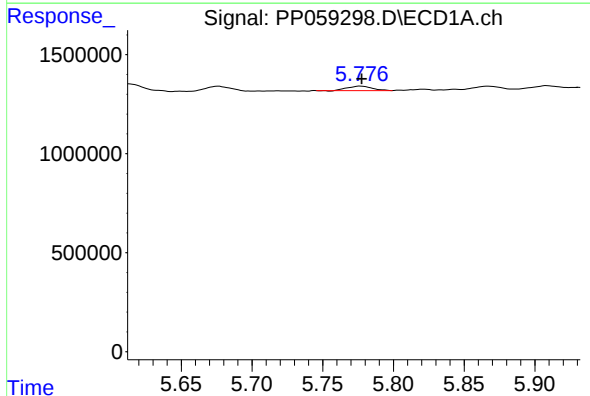
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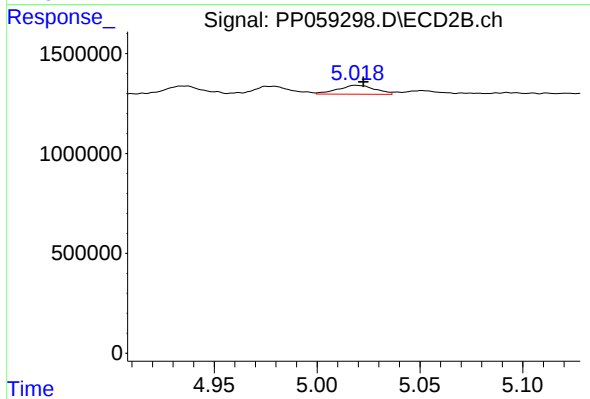
#13 AR-1232-3

R.T.: 4.933 min  
Delta R.T.: -0.004 min  
Response: 491565  
Conc: 22.15 ng/ml m



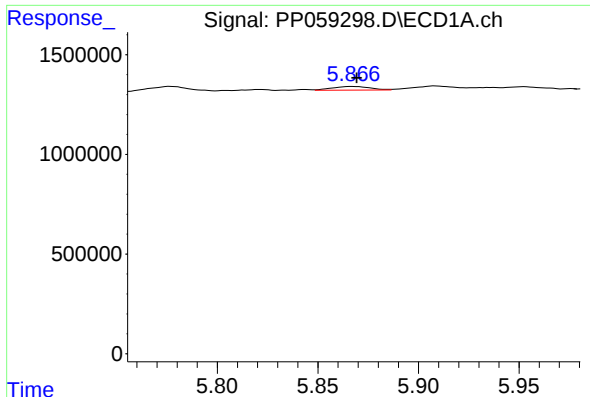
#14 AR-1232-4

R.T.: 5.777 min  
Delta R.T.: 0.000 min  
Response: 270090  
Conc: 20.41 ng/ml



#14 AR-1232-4

R.T.: 5.018 min  
Delta R.T.: -0.004 min  
Response: 559170  
Conc: 26.48 ng/ml m



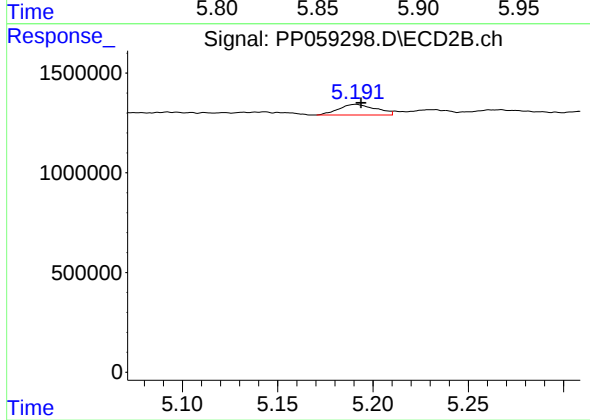
#15 AR-1232-5

R.T.: 5.867 min  
Delta R.T.: -0.002 min  
Response: 245082  
Conc: 21.47 ng/ml

Instrument :  
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#15 AR-1232-5

R.T.: 5.191 min  
Delta R.T.: -0.003 min  
Response: 718320  
Conc: 31.34 ng/ml