

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR101819\  
 Data File : PR042359.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2019 17:17  
 Operator : SM\AJ  
 Sample : K5111-01  
 Misc : AR1242 LOD 40 PPB  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2019

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 00:13:48 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR101719.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Oct 17 06:40:58 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|---------|
| -----                       |                 |        |       |          |          |         |         |
| System Monitoring Compounds |                 |        |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 4.723  | 3.984 | 76171108 | 292.9E6  | 15.994  | 17.204  |
| 2)                          | SA Decachlor... | 10.649 | 9.097 | 62302993 | 187.8E6  | 17.819  | 18.498  |
| Target Compounds            |                 |        |       |          |          |         |         |
| 16)                         | L4 AR-1242-1    | 5.902  | 5.082 | 5236284  | 21019949 | 44.654m | 51.040m |
| 17)                         | L4 AR-1242-2    | 5.925  | 5.102 | 6835256  | 26939518 | 40.512  | 48.382  |
| 18)                         | L4 AR-1242-3    | 5.988  | 5.281 | 4220387  | 12599388 | 41.988m | 47.683m |
| 19)                         | L4 AR-1242-4    | 6.088  | 5.363 | 3714983  | 10414429 | 44.517  | 43.176m |
| 20)                         | L4 AR-1242-5    | 6.826  | 5.890 | 4441814  | 12205150 | 46.354  | 45.885  |
| -----                       |                 |        |       |          |          |         |         |

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

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Sample : K5111-01  
Misc : AR1242 LOD 40 PPB  
ALS Vial : 28 Sample Multiplier: 1

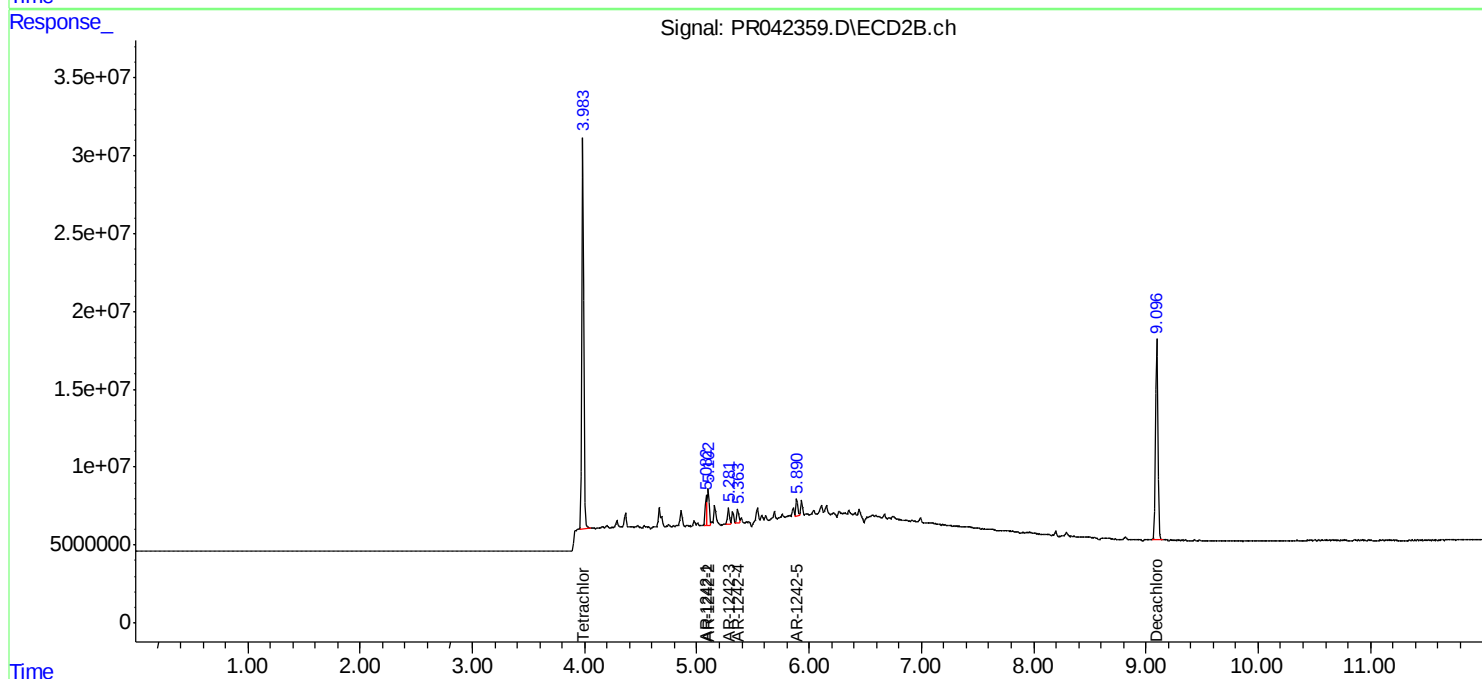
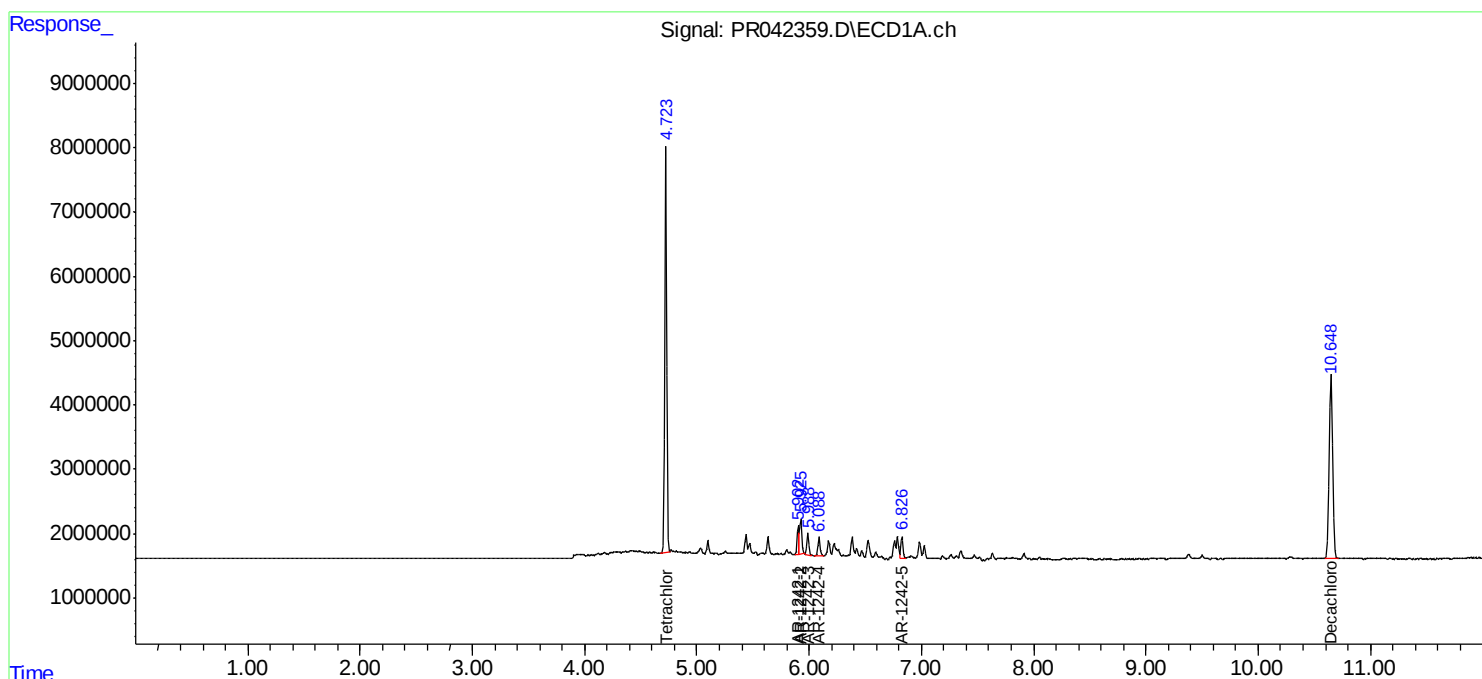
Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019

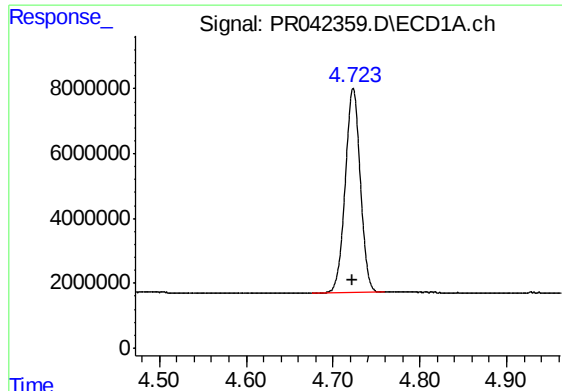
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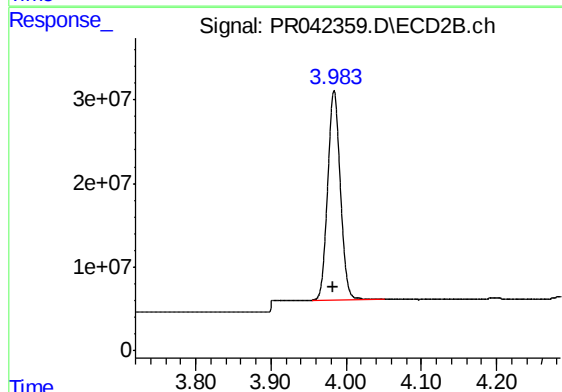
#1 Tetrachloro-m-xylene

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 76171108  
Conc: 15.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019

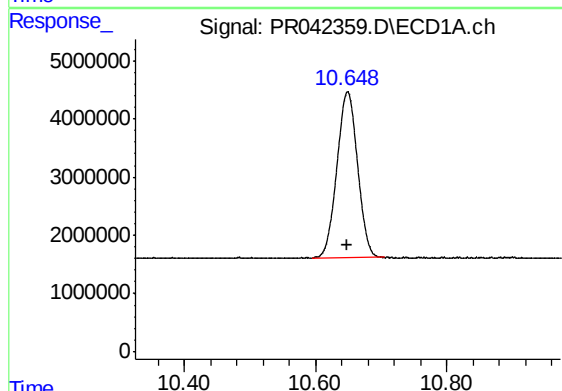
Manual Integrations  
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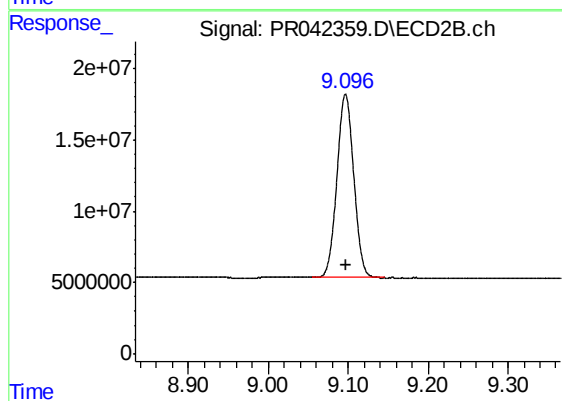
#1 Tetrachloro-m-xylene

R.T.: 3.984 min  
Delta R.T.: 0.000 min  
Response: 292911859  
Conc: 17.20 ng/ml



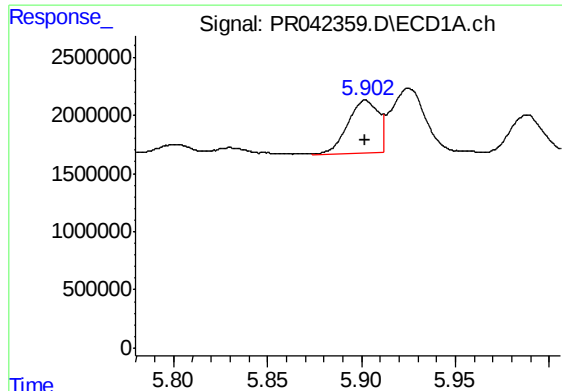
#2 Decachlorobiphenyl

R.T.: 10.649 min  
Delta R.T.: 0.000 min  
Response: 62302993  
Conc: 17.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.097 min  
Delta R.T.: -0.001 min  
Response: 187771492  
Conc: 18.50 ng/ml



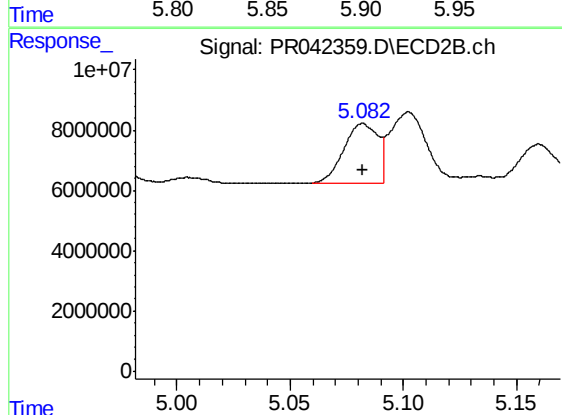
#16 AR-1242-1

R.T.: 5.902 min  
Delta R.T.: 0.000 min  
Response: 5236284  
Conc: 44.65 ng/ml m

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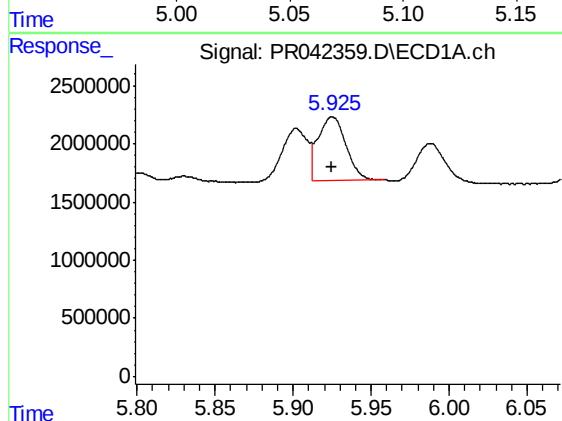
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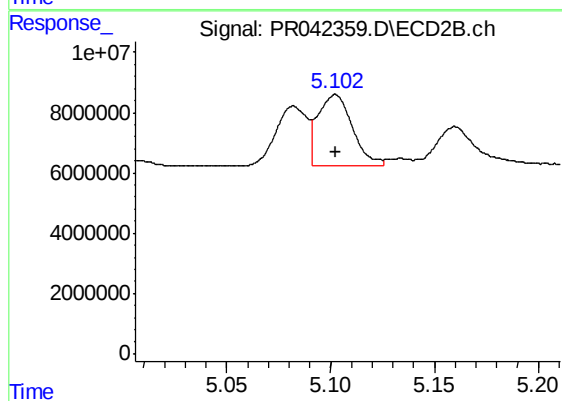
#16 AR-1242-1

R.T.: 5.082 min  
Delta R.T.: 0.000 min  
Response: 21019949  
Conc: 51.04 ng/ml m



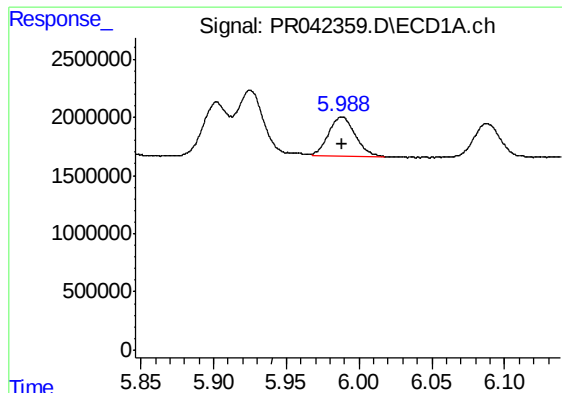
#17 AR-1242-2

R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 6835256  
Conc: 40.51 ng/ml



#17 AR-1242-2

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 26939518  
Conc: 48.38 ng/ml



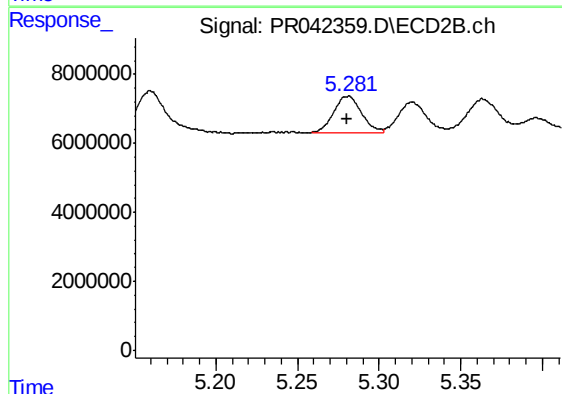
#18 AR-1242-3

R.T.: 5.988 min  
Delta R.T.: 0.000 min  
Response: 4220387  
Conc: 41.99 ng/ml m

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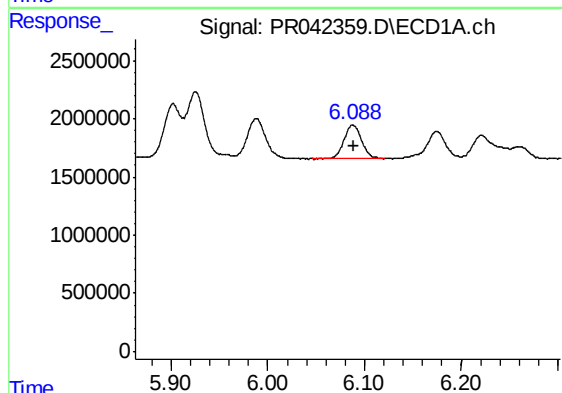
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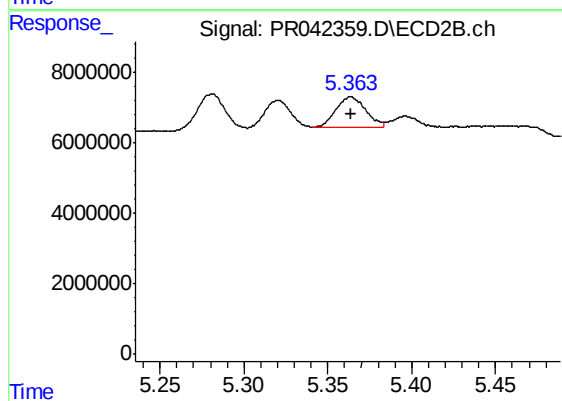
#18 AR-1242-3

R.T.: 5.281 min  
Delta R.T.: 0.000 min  
Response: 12599388  
Conc: 47.68 ng/ml m



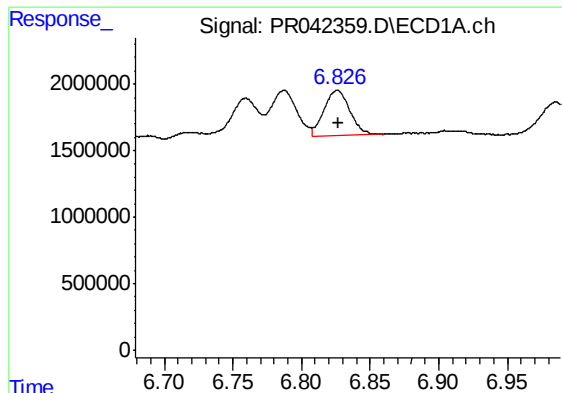
#19 AR-1242-4

R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 3714983  
Conc: 44.52 ng/ml



#19 AR-1242-4

R.T.: 5.363 min  
Delta R.T.: -0.001 min  
Response: 10414429  
Conc: 43.18 ng/ml m



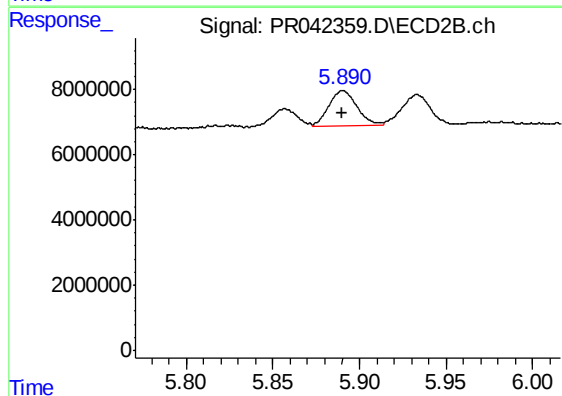
#20 AR-1242-5

R.T.: 6.826 min  
Delta R.T.: 0.000 min  
Response: 4441814  
Conc: 46.35 ng/ml

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#20 AR-1242-5

R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 12205150  
Conc: 45.89 ng/ml