

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ080522\  
 Data File : PQ058788.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2022 18:04  
 Operator : YP\AJ  
 Sample : N3980-07  
 Misc : AR1242 LOD 40 PPB  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 22:48:46 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080422.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 05 03:50:22 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.686  | 4.048 | 148.4E6 | 114.8E6  | 21.966 | 20.928 |
| 2) SA Decachlor...          | 10.591 | 9.166 | 158.7E6 | 87382851 | 22.632 | 22.152 |
|                             |        |       |         |          |        |        |
| Target Compounds            |        |       |         |          |        |        |
| 16) L4 AR-1242-1            | 5.867  | 5.145 | 5430646 | 5648113  | 41.104 | 42.302 |
| 17) L4 AR-1242-2            | 5.890  | 5.165 | 9829079 | 7387526  | 42.909 | 38.323 |
| 18) L4 AR-1242-3            | 5.952  | 5.344 | 6473460 | 3760050  | 42.521 | 39.172 |
| 19) L4 AR-1242-4            | 6.053  | 5.426 | 5181537 | 4291082  | 41.746 | 43.378 |
| 20) L4 AR-1242-5            | 6.790  | 5.952 | 5275129 | 5700584  | 47.370 | 49.215 |
| -----                       |        |       |         |          |        |        |

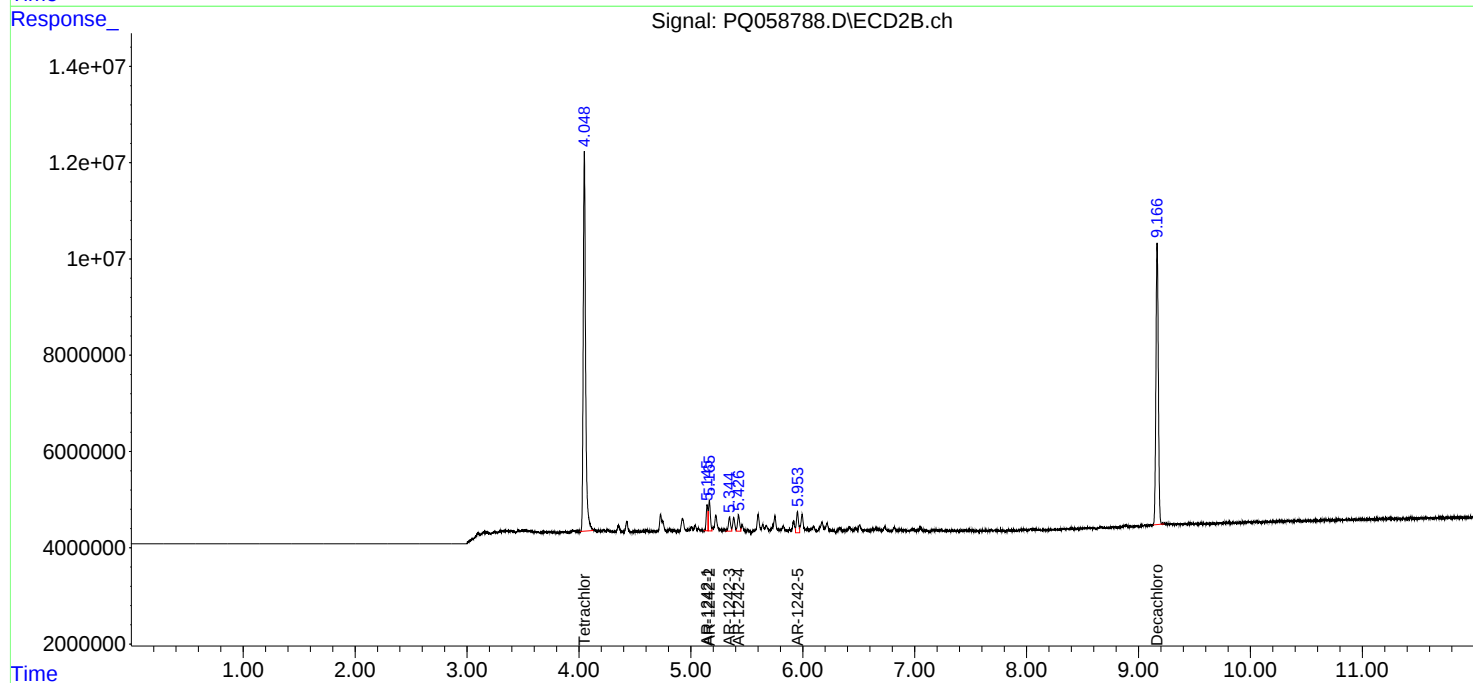
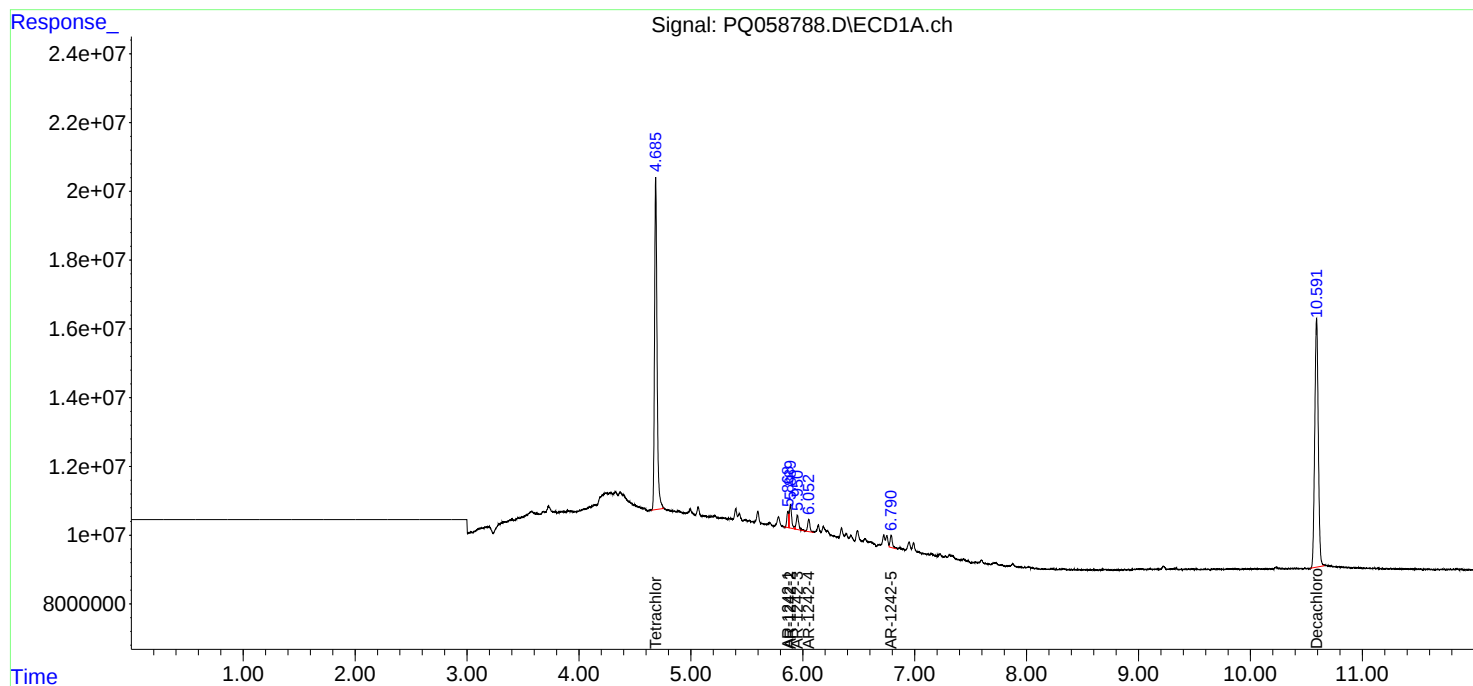
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

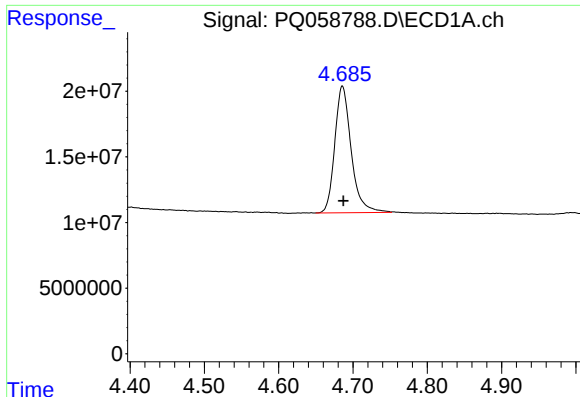
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LOD-MDL-WATER-01-QT3-2022

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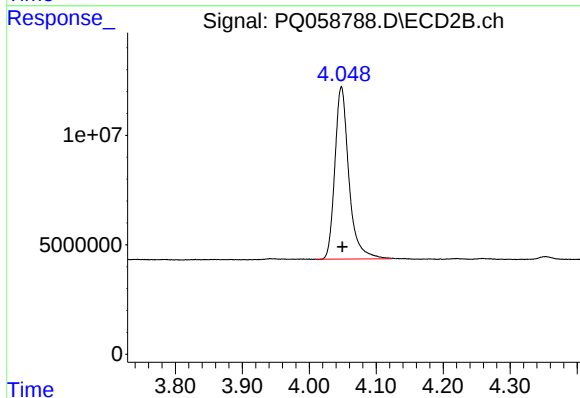




#1 Tetrachloro-m-xylene

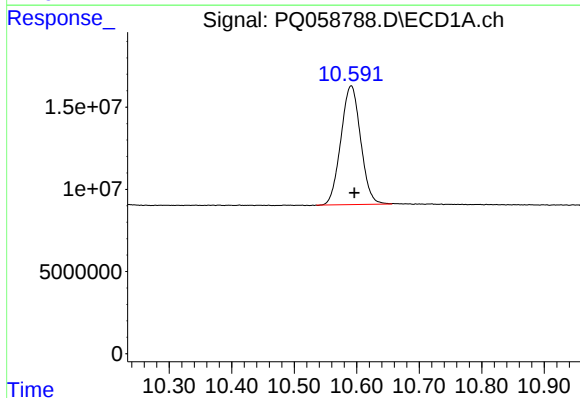
R.T.: 4.686 min  
Delta R.T.: -0.001 min  
Response: 148389142  
Conc: 21.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



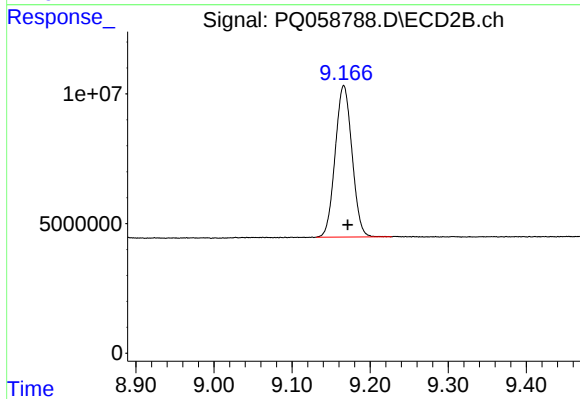
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: -0.001 min  
Response: 114775952  
Conc: 20.93 ng/ml



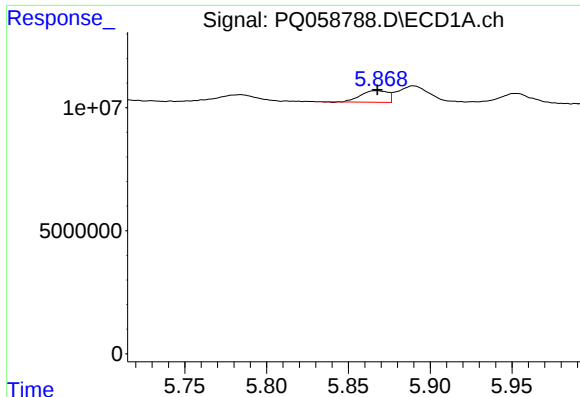
#2 Decachlorobiphenyl

R.T.: 10.591 min  
Delta R.T.: -0.005 min  
Response: 158732035  
Conc: 22.63 ng/ml



#2 Decachlorobiphenyl

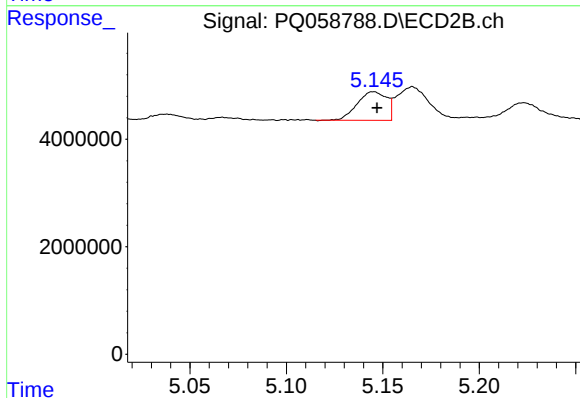
R.T.: 9.166 min  
Delta R.T.: -0.005 min  
Response: 87382851  
Conc: 22.15 ng/ml



#16 AR-1242-1

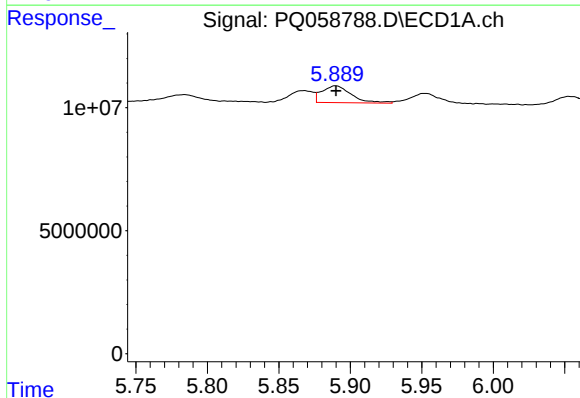
R.T.: 5.867 min  
Delta R.T.: 0.000 min  
Response: 5430646  
Conc: 41.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



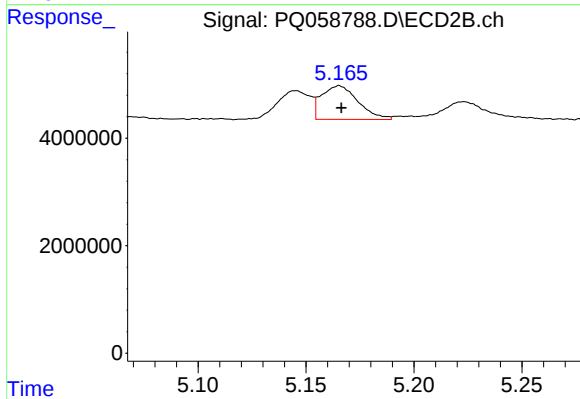
#16 AR-1242-1

R.T.: 5.145 min  
Delta R.T.: -0.002 min  
Response: 5648113  
Conc: 42.30 ng/ml



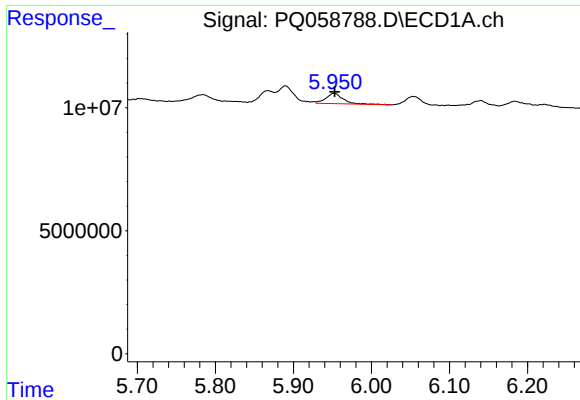
#17 AR-1242-2

R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 9829079  
Conc: 42.91 ng/ml



#17 AR-1242-2

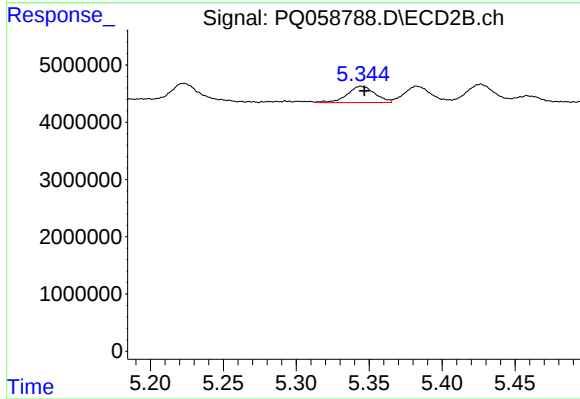
R.T.: 5.165 min  
Delta R.T.: -0.001 min  
Response: 7387526  
Conc: 38.32 ng/ml



#18 AR-1242-3

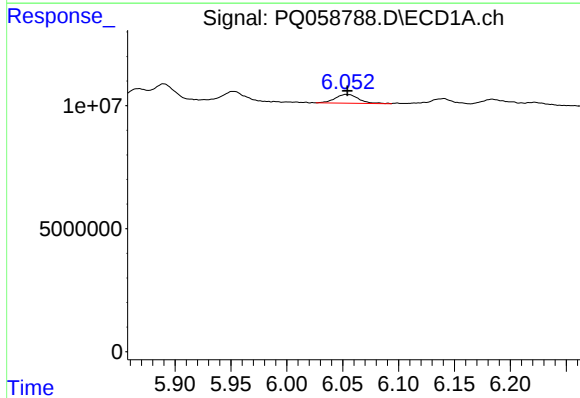
R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 6473460  
Conc: 42.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
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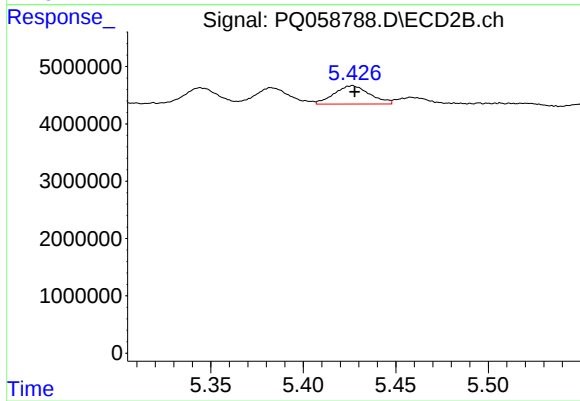
#18 AR-1242-3

R.T.: 5.344 min  
Delta R.T.: -0.002 min  
Response: 3760050  
Conc: 39.17 ng/ml



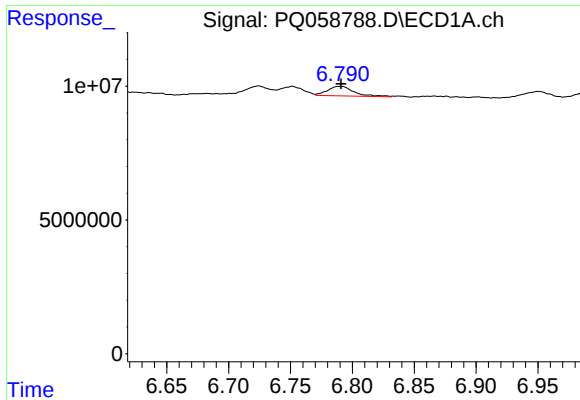
#19 AR-1242-4

R.T.: 6.053 min  
Delta R.T.: 0.000 min  
Response: 5181537  
Conc: 41.75 ng/ml



#19 AR-1242-4

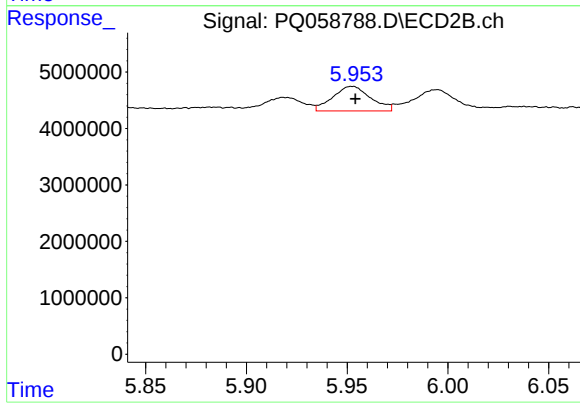
R.T.: 5.426 min  
Delta R.T.: -0.001 min  
Response: 4291082  
Conc: 43.38 ng/ml



#20 AR-1242-5

R.T.: 6.790 min  
Delta R.T.: 0.000 min  
Response: 5275129  
Conc: 47.37 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



#20 AR-1242-5

R.T.: 5.952 min  
Delta R.T.: -0.002 min  
Response: 5700584  
Conc: 49.21 ng/ml