

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102318\  
 Data File : PQ033496.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2018 22:06  
 Operator : SM\SJ  
 Sample : J5164-01  
 Misc : LOD AR1248 25PPB  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2018

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 01:30:05 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101918.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 20 01:08:39 2018  
 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... | 4.564  | 3.844 | 55025987 | 40835860 | 21.317  | 23.076m  |
| 2)                          | SA Decachlor... | 10.386 | 8.889 | 40923753 | 30906757 | 19.947m | 18.676   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 21)                         | L5 AR-1248-1    | 5.736  | 4.934 | 1866489  | 1093938  | 45.017m | 33.551m# |
| 22)                         | L5 AR-1248-2    | 6.011  | 5.170 | 2095649  | 1285709  | 34.829  | 29.049   |
| 23)                         | L5 AR-1248-3    | 6.218  | 5.213 | 2467263  | 1308924  | 35.361  | 28.894   |
| 24)                         | L5 AR-1248-4    | 6.622  | 5.386 | 2458173  | 1916025  | 30.694  | 33.568   |
| 25)                         | L5 AR-1248-5    | 6.661  | 5.779 | 2297501  | 1620507  | 30.100  | 27.270   |
| -----                       |                 |        |       |          |          |         |          |

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

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Operator : SM\SJ  
Sample : J5164-01  
Misc : LOD AR1248 25PPB  
ALS Vial : 42 Sample Multiplier: 1

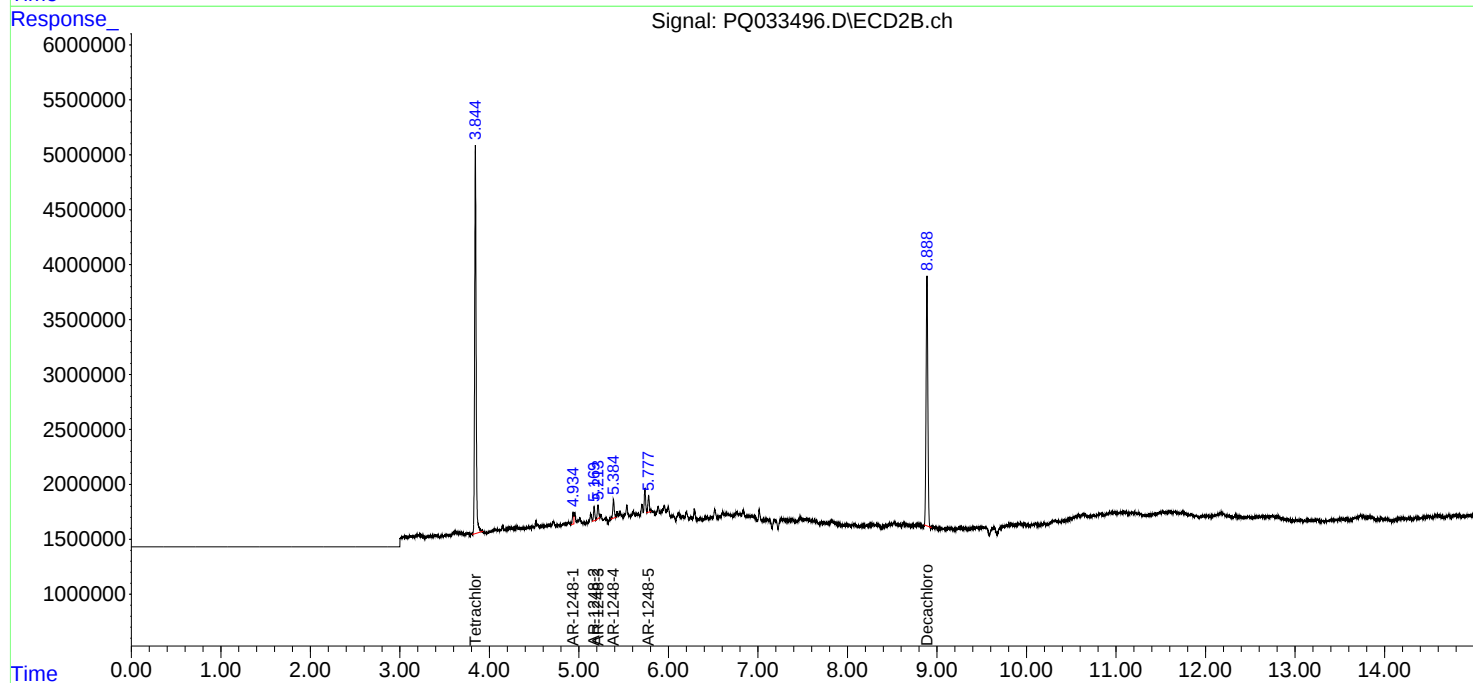
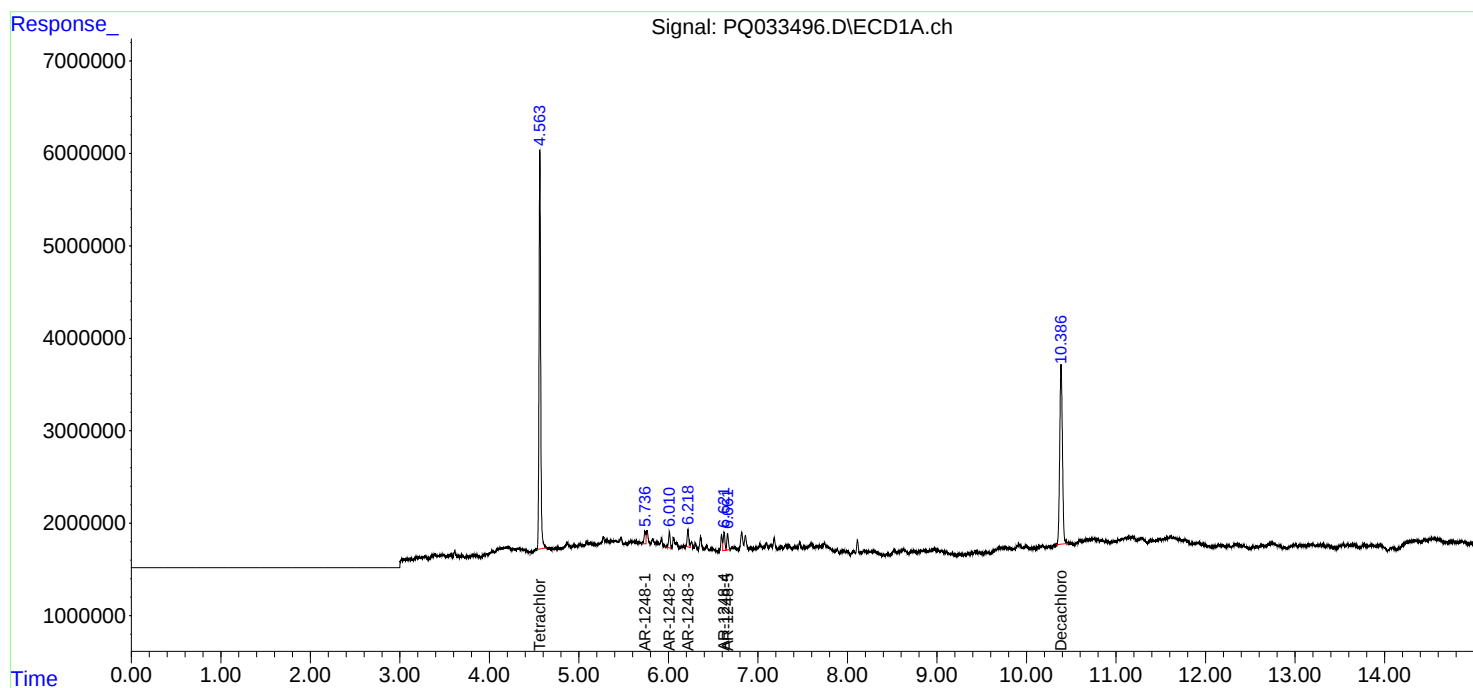
Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2018

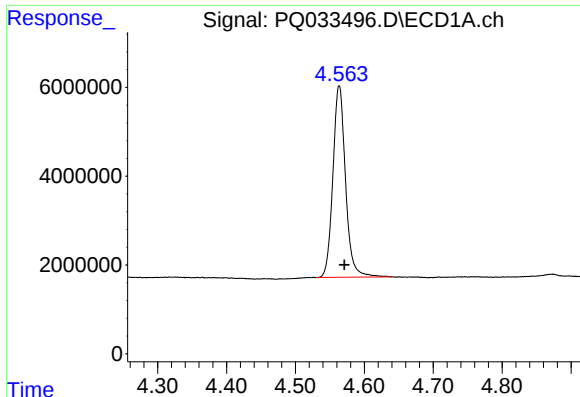
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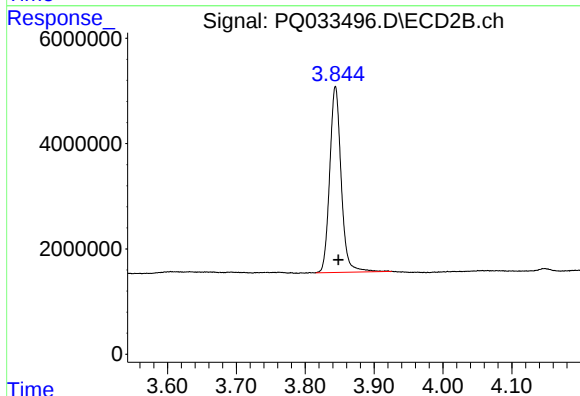
#1 Tetrachloro-m-xylene

R.T.: 4.564 min  
Delta R.T.: -0.007 min  
Response: 55025987  
Conc: 21.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2018

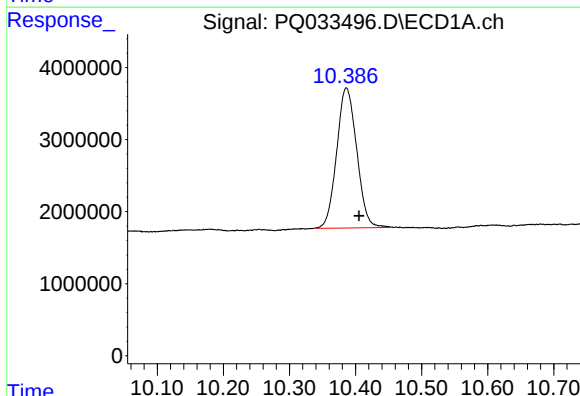
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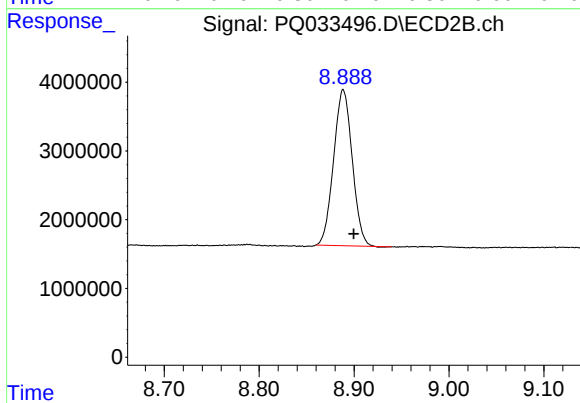
#1 Tetrachloro-m-xylene

R.T.: 3.844 min  
Delta R.T.: -0.005 min  
Response: 40835860  
Conc: 23.08 ng/ml m



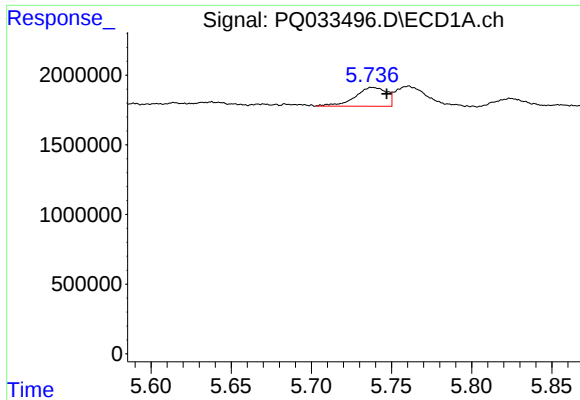
#2 Decachlorobiphenyl

R.T.: 10.386 min  
Delta R.T.: -0.020 min  
Response: 40923753  
Conc: 19.95 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.889 min  
Delta R.T.: -0.011 min  
Response: 30906757  
Conc: 18.68 ng/ml



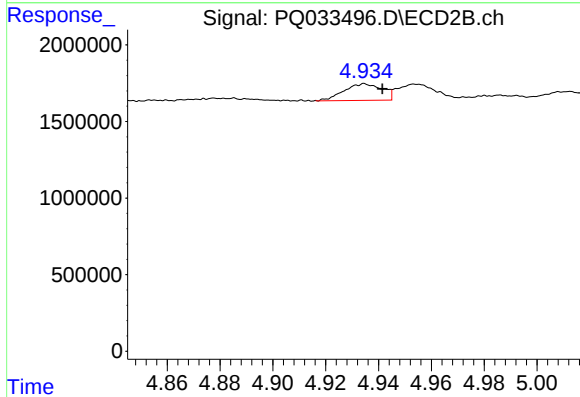
#21 AR-1248-1

R.T.: 5.736 min  
Delta R.T.: -0.011 min  
Response: 1866489  
Conc: 45.02 ng/ml m

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2018

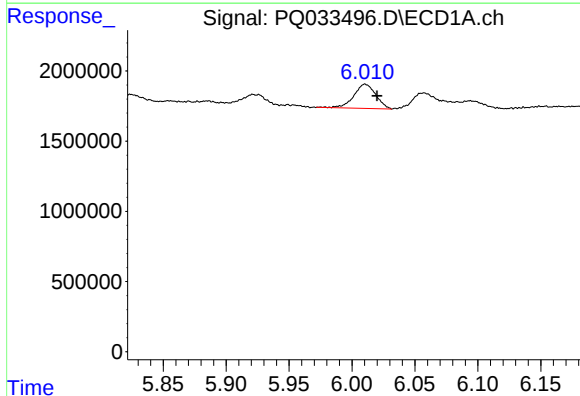
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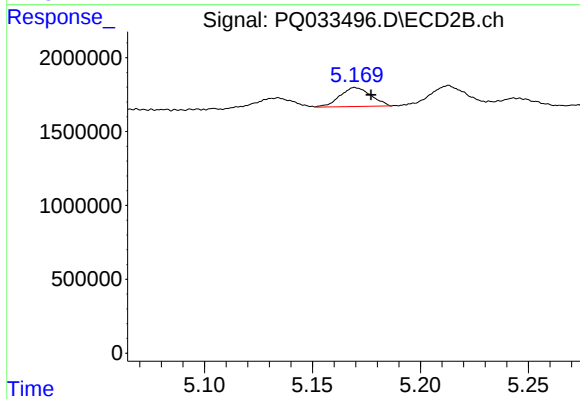
#21 AR-1248-1

R.T.: 4.934 min  
Delta R.T.: -0.007 min  
Response: 1093938  
Conc: 33.55 ng/ml m



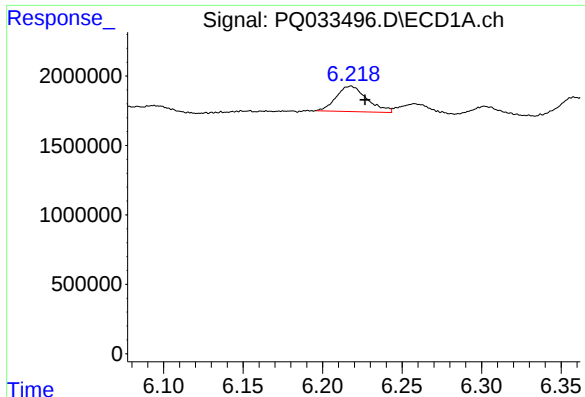
#22 AR-1248-2

R.T.: 6.011 min  
Delta R.T.: -0.009 min  
Response: 2095649  
Conc: 34.83 ng/ml



#22 AR-1248-2

R.T.: 5.170 min  
Delta R.T.: -0.007 min  
Response: 1285709  
Conc: 29.05 ng/ml



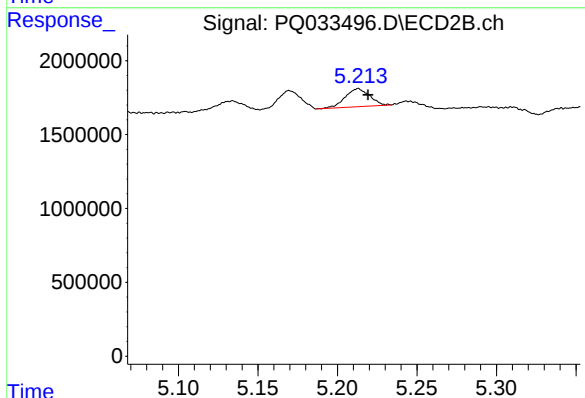
#23 AR-1248-3

R.T.: 6.218 min  
Delta R.T.: -0.009 min  
Response: 2467263  
Conc: 35.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2018

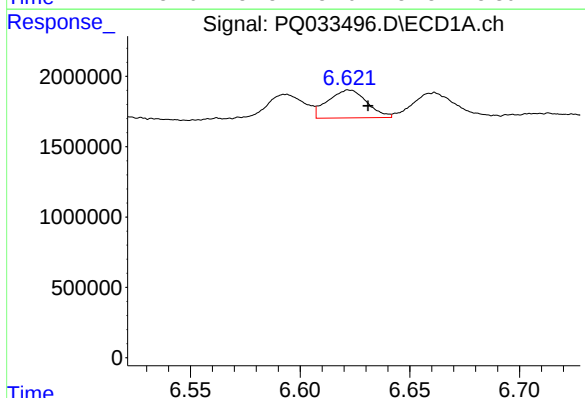
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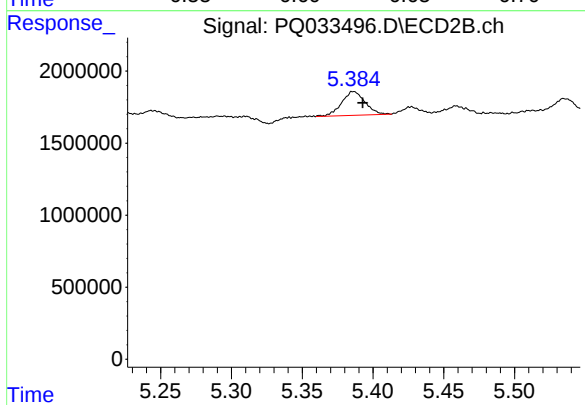
#23 AR-1248-3

R.T.: 5.213 min  
Delta R.T.: -0.006 min  
Response: 1308924  
Conc: 28.89 ng/ml



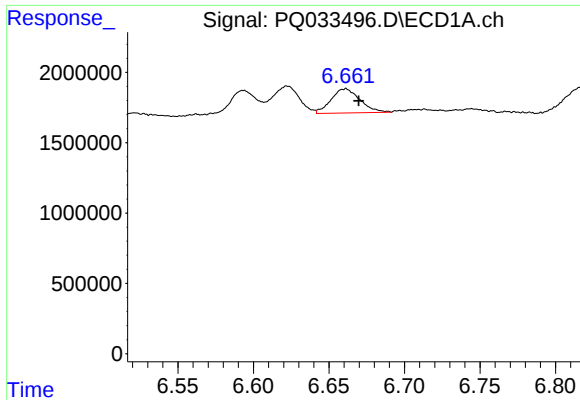
#24 AR-1248-4

R.T.: 6.622 min  
Delta R.T.: -0.009 min  
Response: 2458173  
Conc: 30.69 ng/ml



#24 AR-1248-4

R.T.: 5.386 min  
Delta R.T.: -0.007 min  
Response: 1916025  
Conc: 33.57 ng/ml



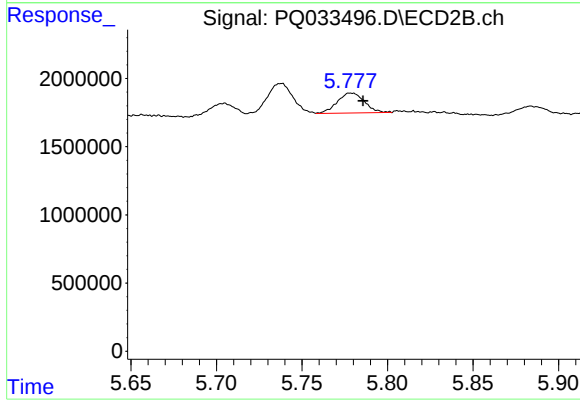
#25 AR-1248-5

R.T.: 6.661 min  
Delta R.T.: -0.009 min  
Response: 2297501  
Conc: 30.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
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#25 AR-1248-5

R.T.: 5.779 min  
Delta R.T.: -0.007 min  
Response: 1620507  
Conc: 27.27 ng/ml