

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102318\  
 Data File : PQ033493.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2018 21:13  
 Operator : SM\SJ  
 Sample : J5164-01  
 Misc : LOD AR1242 25PPB  
 ALS Vial : 39 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Sohil  
 10/26/2018 11:14:05 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 01:29:28 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  | 3.843 | 56250230 | 40788652 | 21.792  | 23.049m  |
| 2)                          | SA Decachlor... | 10.389 | 8.889 | 42468328 | 32624648 | 20.700m | 19.714   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 16)                         | L4 AR-1242-1    | 5.739  | 4.936 | 3029228  | 1443884  | 54.815m | 34.329 # |
| 17)                         | L4 AR-1242-2    | 5.761  | 4.955 | 2669905  | 1915353  | 33.731  | 31.691   |
| 18)                         | L4 AR-1242-3    | 5.824  | 5.132 | 1964657  | 971737   | 40.396  | 30.173m# |
| 19)                         | L4 AR-1242-4    | 5.924  | 5.214 | 1170085  | 845960   | 29.715  | 26.372m  |
| 20)                         | L4 AR-1242-5    | 6.662  | 5.738 | 2232311  | 1017444  | 46.818m | 22.832m# |
| -----                       |                 |        |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102318\  
Data File : PQ033493.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2018 21:13  
Operator : SM\SJ  
Sample : J5164-01  
Misc : LOD AR1242 25PPB  
ALS Vial : 39 Sample Multiplier: 1

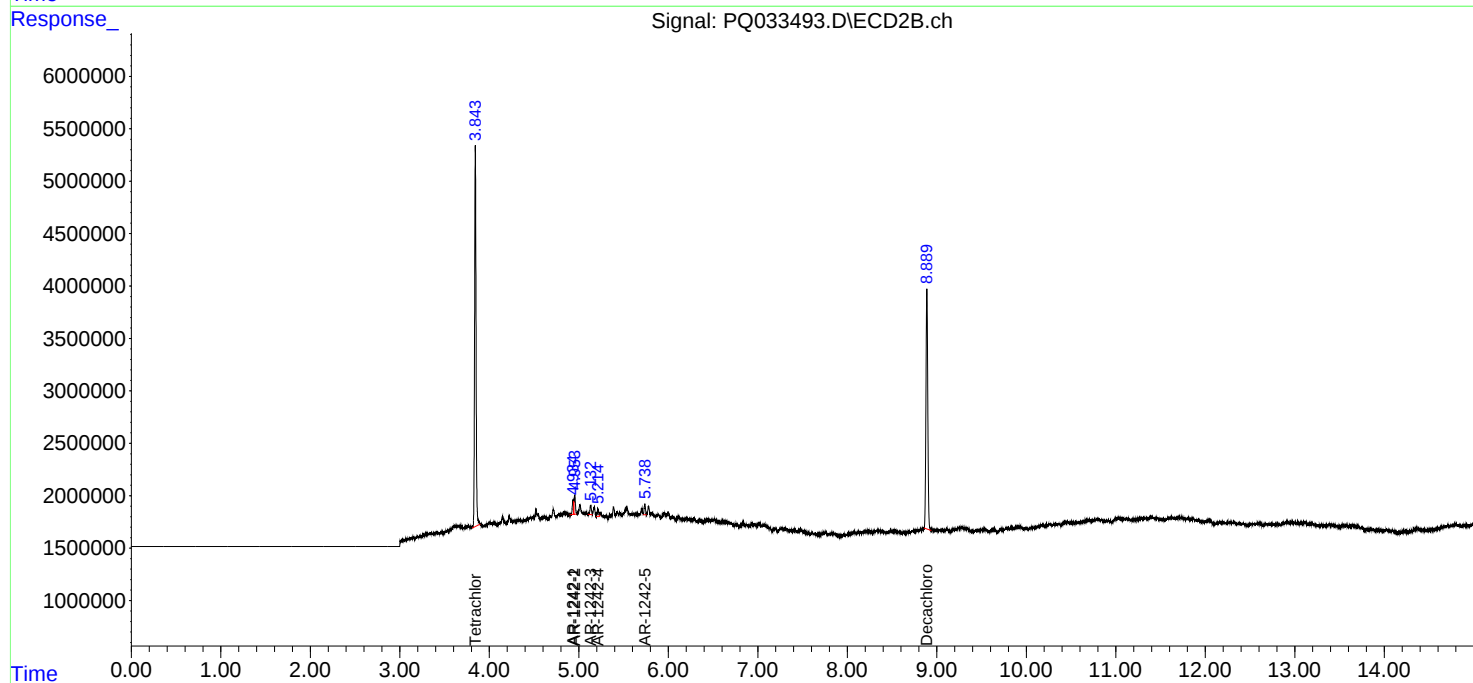
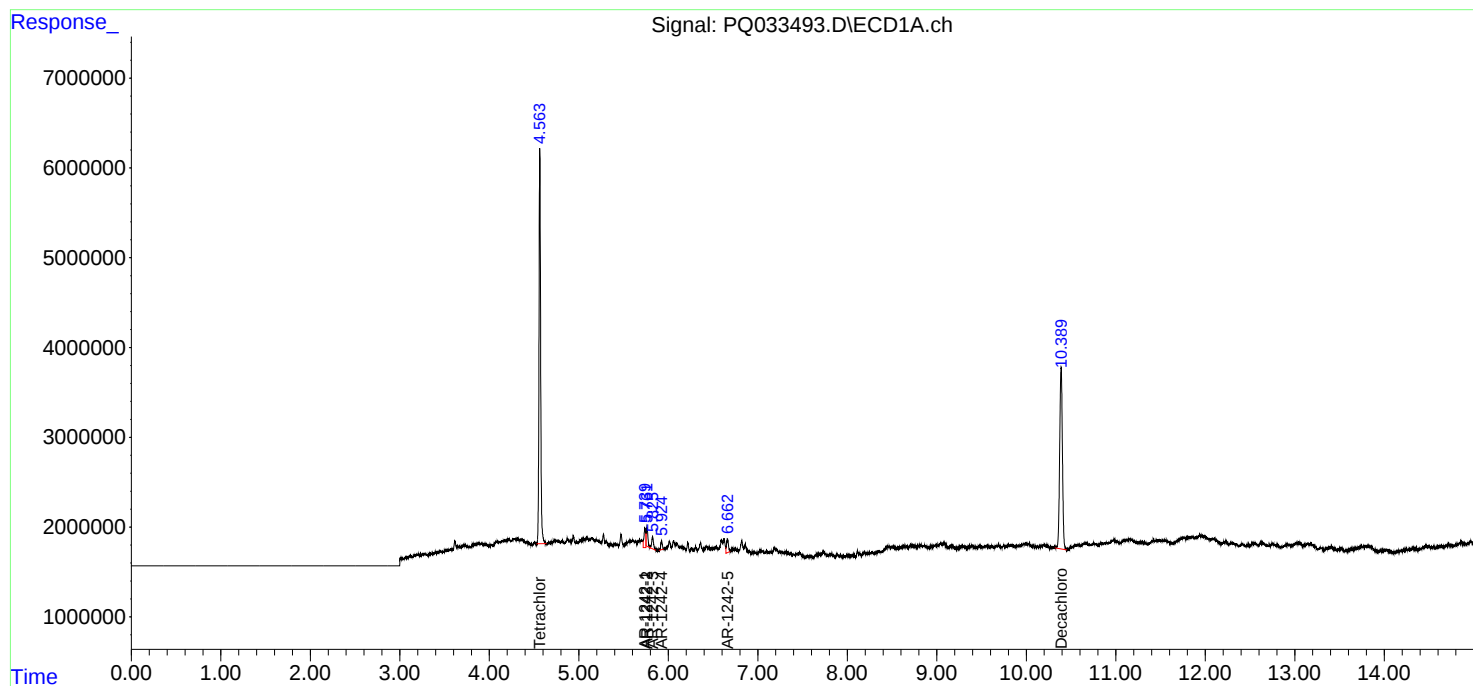
Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2018

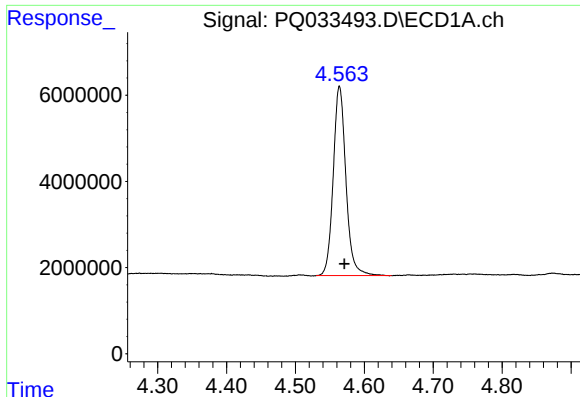
Manual Integrations  
APPROVED

Sohil  
10/26/2018 11:14:05 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 01:29:28 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





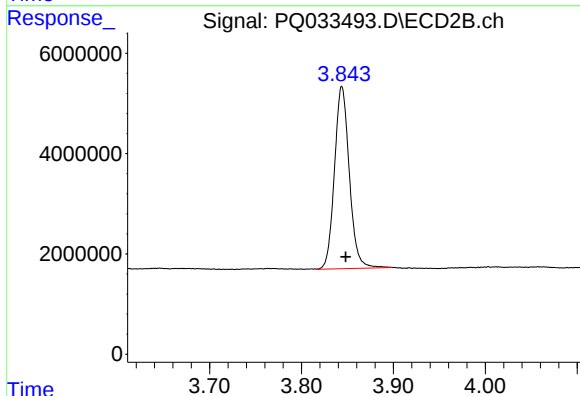
#1 Tetrachloro-m-xylene

R.T.: 4.564 min  
Delta R.T.: -0.007 min  
Response: 56250230  
Conc: 21.79 ng/ml

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

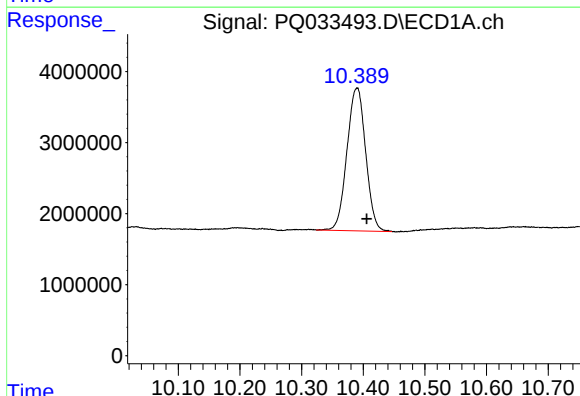
Manual Integrations  
APPROVED

Sohil  
10/26/2018 11:14:05 AM



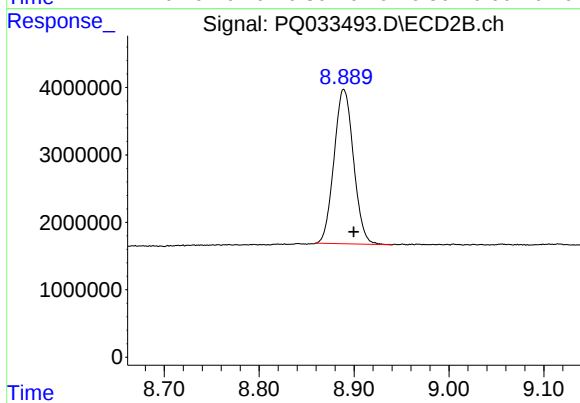
#1 Tetrachloro-m-xylene

R.T.: 3.843 min  
Delta R.T.: -0.005 min  
Response: 40788652  
Conc: 23.05 ng/ml m



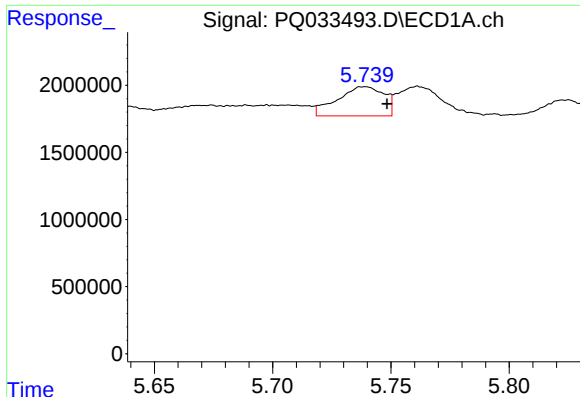
#2 Decachlorobiphenyl

R.T.: 10.389 min  
Delta R.T.: -0.016 min  
Response: 42468328  
Conc: 20.70 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.889 min  
Delta R.T.: -0.011 min  
Response: 32624648  
Conc: 19.71 ng/ml



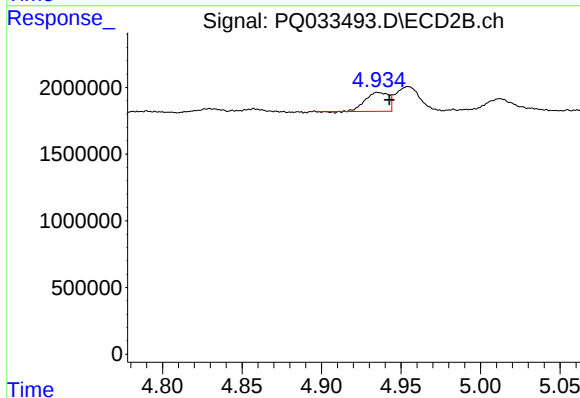
#16 AR-1242-1

R.T.: 5.739 min  
Delta R.T.: -0.010 min  
Response: 3029228  
Conc: 54.81 ng/ml m

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

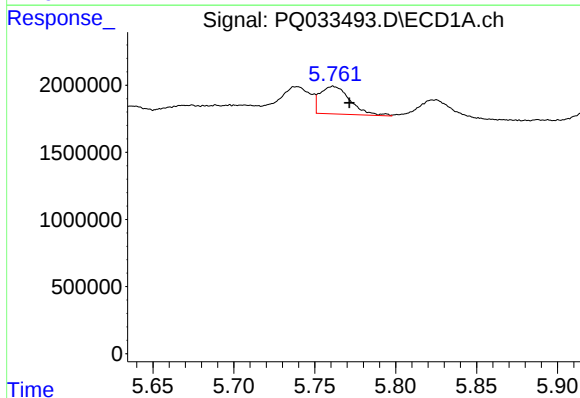
Manual Integrations  
APPROVED

Sohil  
10/26/2018 11:14:05 AM



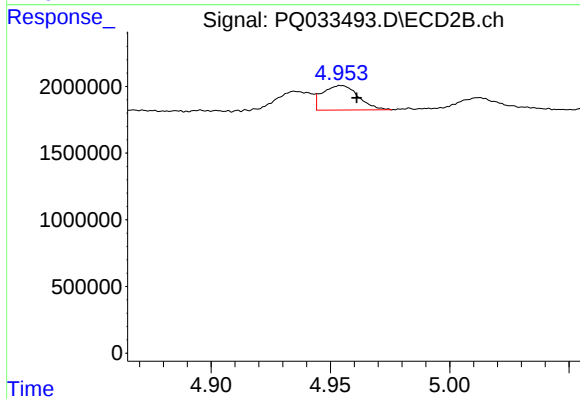
#16 AR-1242-1

R.T.: 4.936 min  
Delta R.T.: -0.007 min  
Response: 1443884  
Conc: 34.33 ng/ml



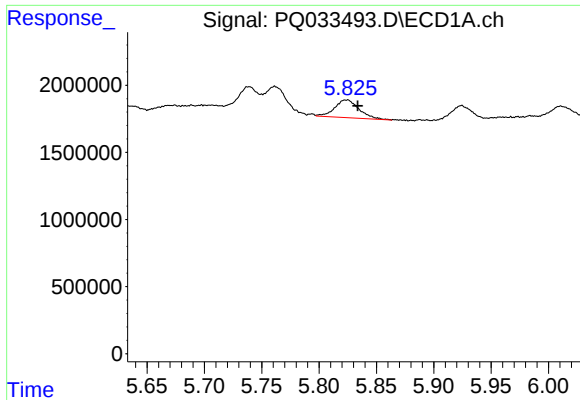
#17 AR-1242-2

R.T.: 5.761 min  
Delta R.T.: -0.010 min  
Response: 2669905  
Conc: 33.73 ng/ml



#17 AR-1242-2

R.T.: 4.955 min  
Delta R.T.: -0.006 min  
Response: 1915353  
Conc: 31.69 ng/ml



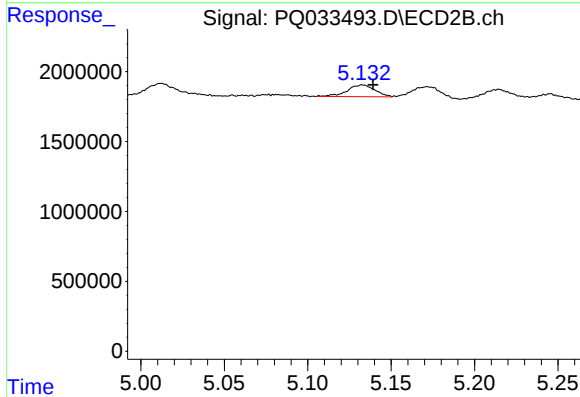
#18 AR-1242-3

R.T.: 5.824 min  
Delta R.T.: -0.010 min  
Response: 1964657  
Conc: 40.40 ng/ml

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

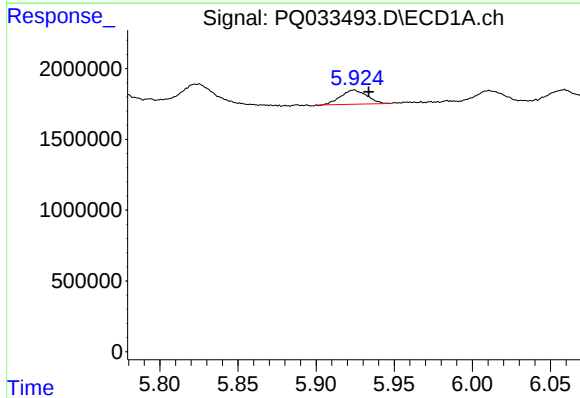
Manual Integrations  
APPROVED

Sohil  
10/26/2018 11:14:05 AM



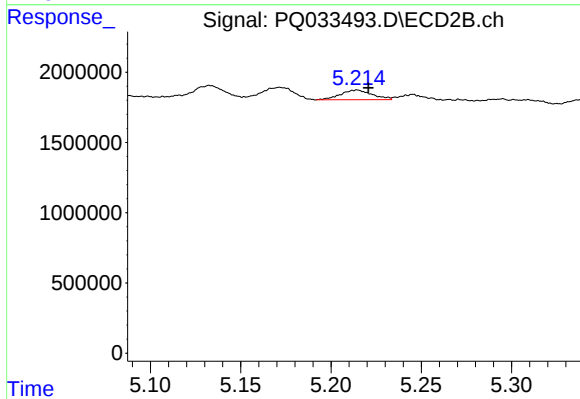
#18 AR-1242-3

R.T.: 5.132 min  
Delta R.T.: -0.007 min  
Response: 971737  
Conc: 30.17 ng/ml m



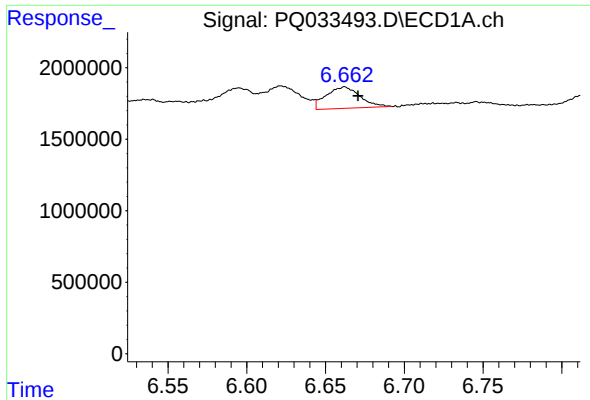
#19 AR-1242-4

R.T.: 5.924 min  
Delta R.T.: -0.010 min  
Response: 1170085  
Conc: 29.71 ng/ml



#19 AR-1242-4

R.T.: 5.214 min  
Delta R.T.: -0.007 min  
Response: 845960  
Conc: 26.37 ng/ml m



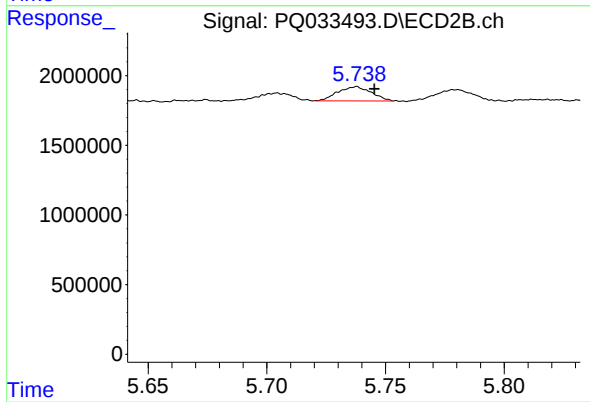
#20 AR-1242-5

R.T.: 6.662 min  
Delta R.T.: -0.009 min  
Response: 2232311  
Conc: 46.82 ng/ml m

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

Manual Integrations  
APPROVED

Sohil  
10/26/2018 11:14:05 AM



#20 AR-1242-5

R.T.: 5.738 min  
Delta R.T.: -0.008 min  
Response: 1017444  
Conc: 22.83 ng/ml m