

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102318\  
 Data File : PQ033501.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2018 23:33  
 Operator : SM\SJ  
 Sample : J5164-03  
 Misc : MDL AR1254 25PPB  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT4-2018

Manual Integrations  
 APPROVED

Sohil  
 10/26/2018 11:14:20 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 01:31:09 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 | 55262068 | 39706722 | 21.409  | 22.438m |
| 2)                          | SA Decachlor... | 10.388 | 8.888 | 39996328 | 30507377 | 19.495m | 18.434  |
| Target Compounds            |                 |        |       |          |          |         |         |
| 26)                         | L6 AR-1254-1    | 6.594  | 5.738 | 2938030  | 2940820  | 24.877m | 22.963m |
| 27)                         | L6 AR-1254-2    | 6.813  | 5.885 | 4130945  | 2674887  | 22.163  | 24.001  |
| 28)                         | L6 AR-1254-3    | 7.182  | 6.290 | 4388421  | 3689380  | 21.267  | 18.989  |
| 29)                         | L6 AR-1254-4    | 7.469  | 6.518 | 3050022  | 2202811  | 19.980m | 17.933m |
| 30)                         | L6 AR-1254-5    | 7.886  | 6.935 | 3098526  | 3471923  | 18.385m | 20.444  |
| -----                       |                 |        |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102318\  
Data File : PQ033501.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2018 23:33  
Operator : SM\SJ  
Sample : J5164-03  
Misc : MDL AR1254 25PPB  
ALS Vial : 47 Sample Multiplier: 1

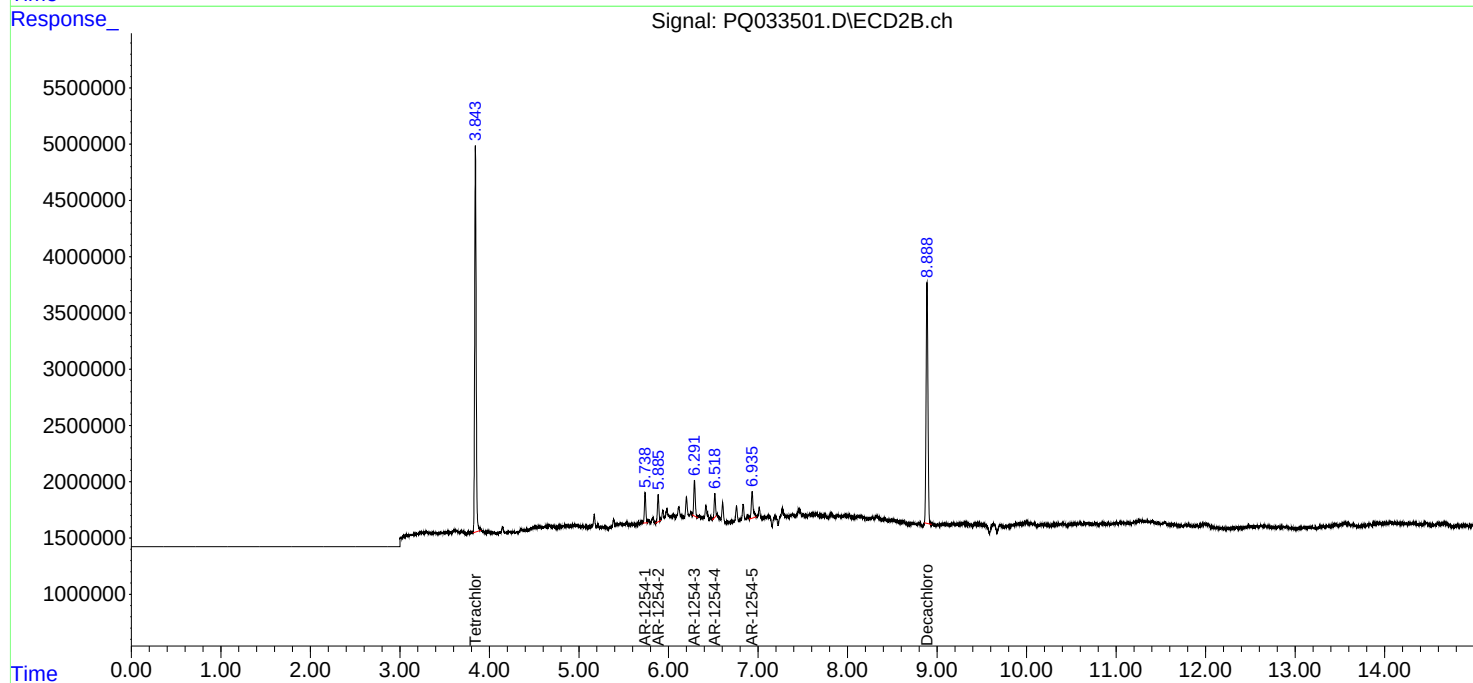
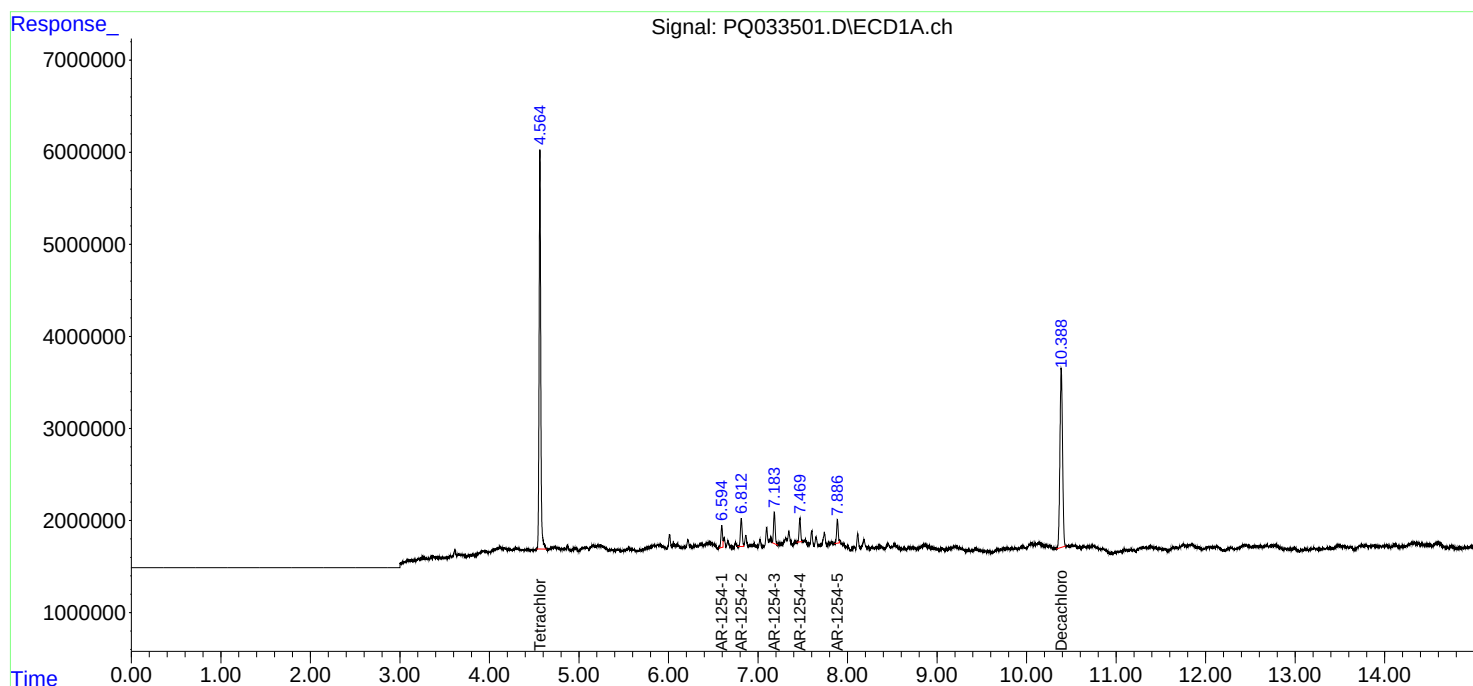
Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-SOIL-03-QT4-2018

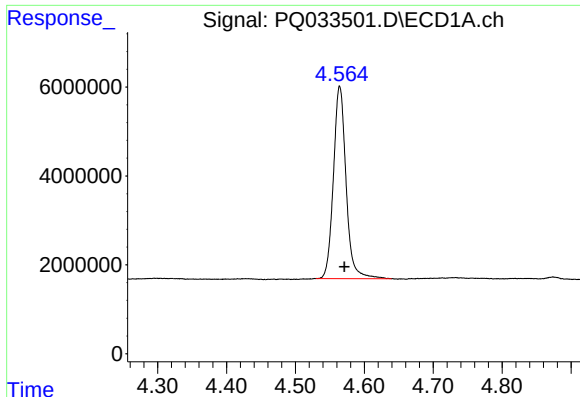
Manual Integrations  
APPROVED

Sohil  
10/26/2018 11:14:20 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 01:31:09 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





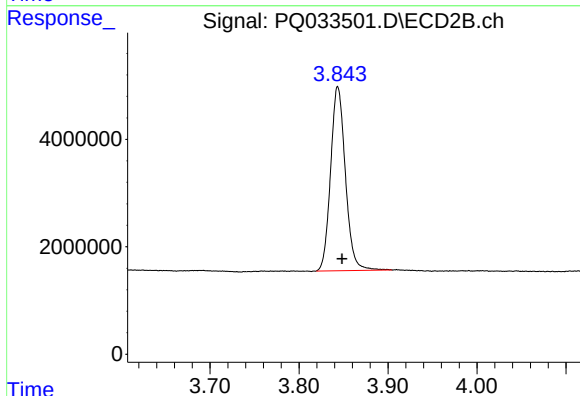
#1 Tetrachloro-m-xylene

R.T.: 4.564 min  
Delta R.T.: -0.007 min  
Response: 55262068  
Conc: 21.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-SOIL-03-QT4-2018

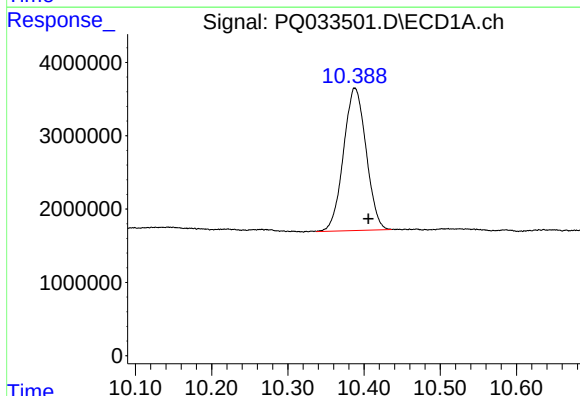
Manual Integrations  
APPROVED

Sohil  
10/26/2018 11:14:20 AM



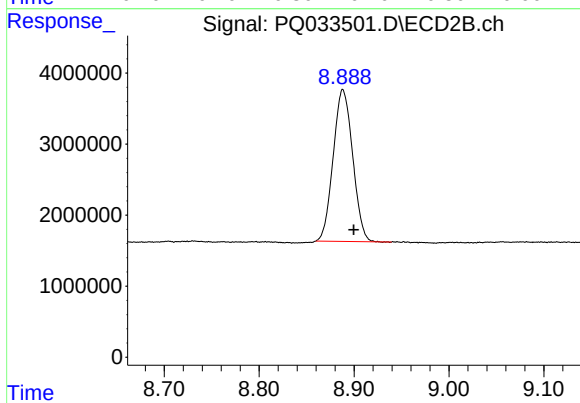
#1 Tetrachloro-m-xylene

R.T.: 3.843 min  
Delta R.T.: -0.005 min  
Response: 39706722  
Conc: 22.44 ng/ml m



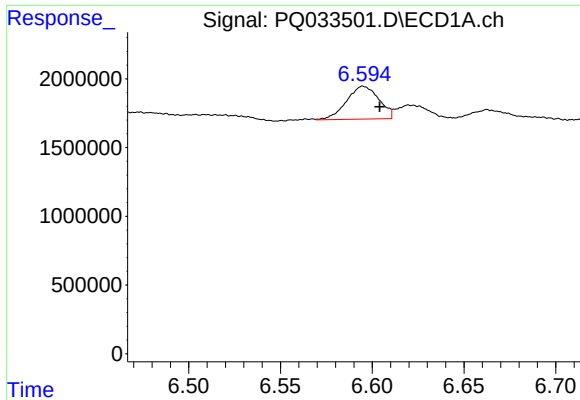
#2 Decachlorobiphenyl

R.T.: 10.388 min  
Delta R.T.: -0.018 min  
Response: 39996328  
Conc: 19.49 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.888 min  
Delta R.T.: -0.012 min  
Response: 30507377  
Conc: 18.43 ng/ml



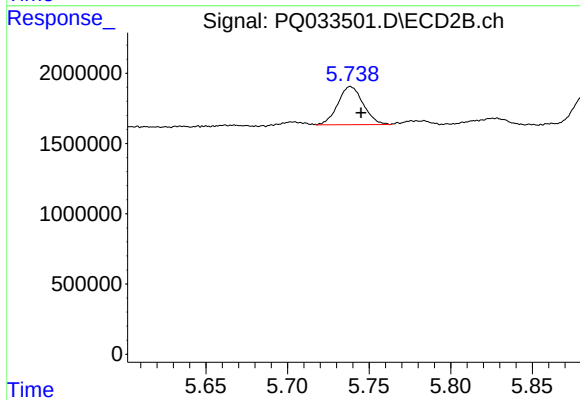
#26 AR-1254-1

R.T.: 6.594 min  
Delta R.T.: -0.010 min  
Response: 2938030  
Conc: 24.88 ng/ml m

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-SOIL-03-QT4-2018

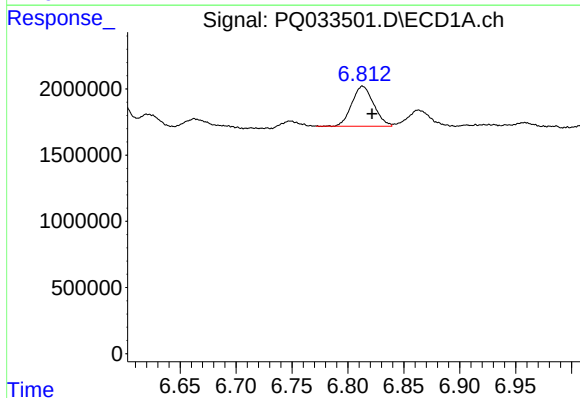
Manual Integrations  
APPROVED

Sohil  
10/26/2018 11:14:20 AM



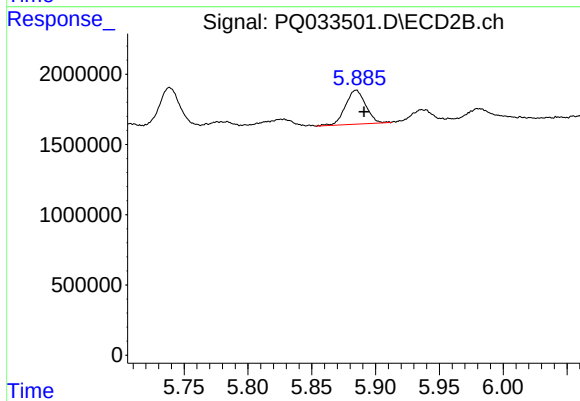
#26 AR-1254-1

R.T.: 5.738 min  
Delta R.T.: -0.007 min  
Response: 2940820  
Conc: 22.96 ng/ml m



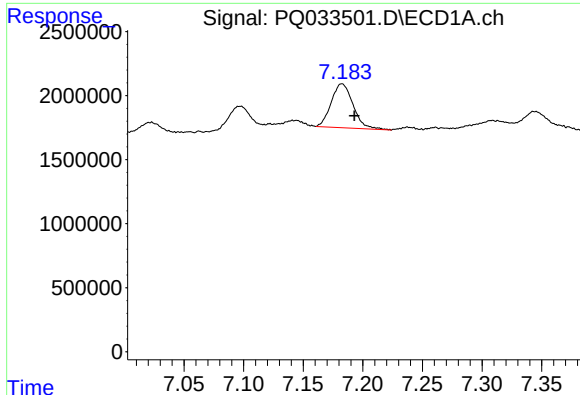
#27 AR-1254-2

R.T.: 6.813 min  
Delta R.T.: -0.008 min  
Response: 4130945  
Conc: 22.16 ng/ml



#27 AR-1254-2

R.T.: 5.885 min  
Delta R.T.: -0.006 min  
Response: 2674887  
Conc: 24.00 ng/ml



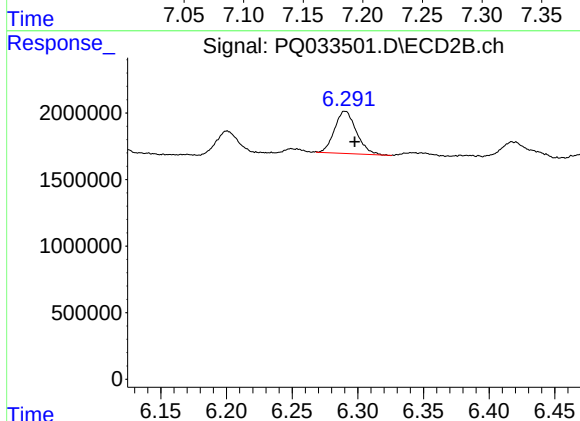
#28 AR-1254-3

R.T.: 7.182 min  
Delta R.T.: -0.011 min  
Response: 4388421  
Conc: 21.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-SOIL-03-QT4-2018

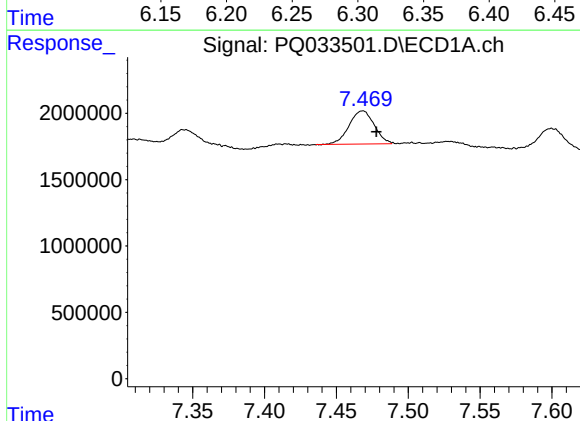
Manual Integrations  
APPROVED

Sohil  
10/26/2018 11:14:20 AM



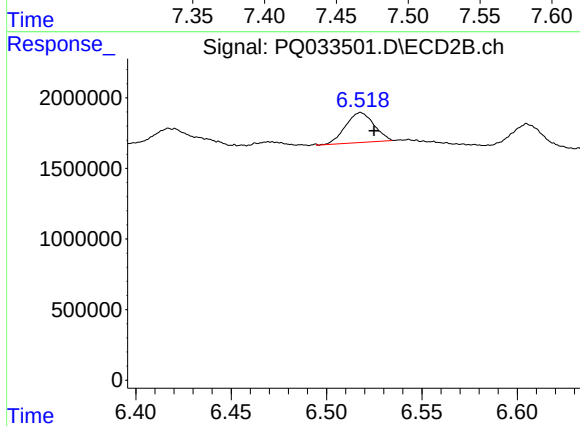
#28 AR-1254-3

R.T.: 6.290 min  
Delta R.T.: -0.007 min  
Response: 3689380  
Conc: 18.99 ng/ml



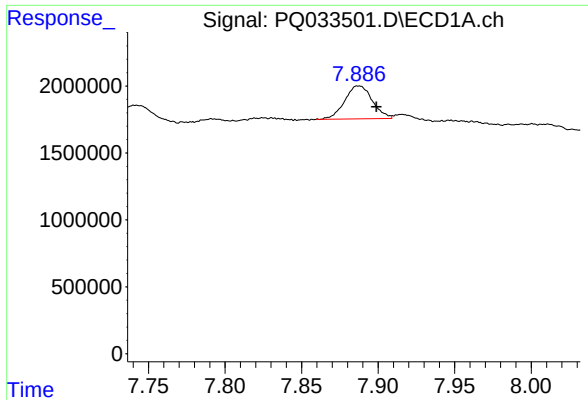
#29 AR-1254-4

R.T.: 7.469 min  
Delta R.T.: -0.009 min  
Response: 3050022  
Conc: 19.98 ng/ml m



#29 AR-1254-4

R.T.: 6.518 min  
Delta R.T.: -0.007 min  
Response: 2202811  
Conc: 17.93 ng/ml m



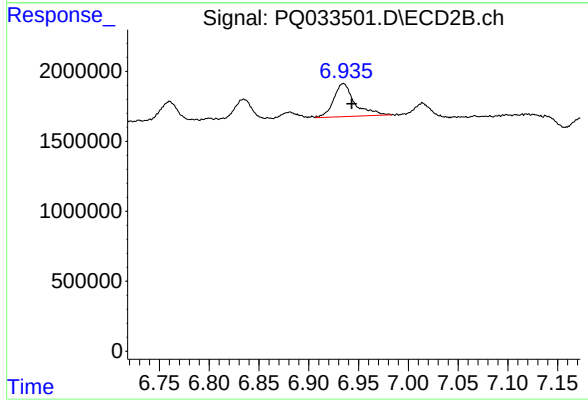
#30 AR-1254-5

R.T.: 7.886 min  
Delta R.T.: -0.013 min  
Response: 3098526  
Conc: 18.39 ng/ml m

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-SOIL-03-QT4-2018

Manual Integrations  
APPROVED

Sohil  
10/26/2018 11:14:20 AM



#30 AR-1254-5

R.T.: 6.935 min  
Delta R.T.: -0.008 min  
Response: 3471923  
Conc: 20.44 ng/ml