

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR081519\  
 Data File : PR040370.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2019 17:53  
 Operator : SM\AJ  
 Sample : K3591-01  
 Misc : AR1248 LOD SOIL 25PPB  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2019

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 05:10:31 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR081519.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Aug 15 15:16:04 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... | 3.756 | 4.599  | 15744118 | 77480929 | 12.813m | 12.562  |
| 2)                          | SA Decachlor... | 8.677 | 10.316 | 54699012 | 216.0E6  | 18.988  | 18.610  |
| Target Compounds            |                 |       |        |          |          |         |         |
| 21)                         | L5 AR-1248-1    | 4.824 | 5.751  | 714519   | 2497462  | 19.000  | 14.919m |
| 22)                         | L5 AR-1248-2    | 5.051 | 6.019  | 970231   | 3747886  | 18.013  | 15.299m |
| 23)                         | L5 AR-1248-3    | 5.091 | 6.221  | 798303   | 4364709  | 14.271  | 15.192m |
| 24)                         | L5 AR-1248-4    | 5.260 | 6.619  | 1375288  | 7160100  | 19.349  | 19.949m |
| 25)                         | L5 AR-1248-5    | 5.644 | 6.658  | 1269185  | 6755212  | 16.422  | 19.516m |
| -----                       |                 |       |        |          |          |         |         |

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

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Operator : SM\AJ  
Sample : K3591-01  
Misc : AR1248 LOD SOIL 25PPB  
ALS Vial : 9 Sample Multiplier: 1

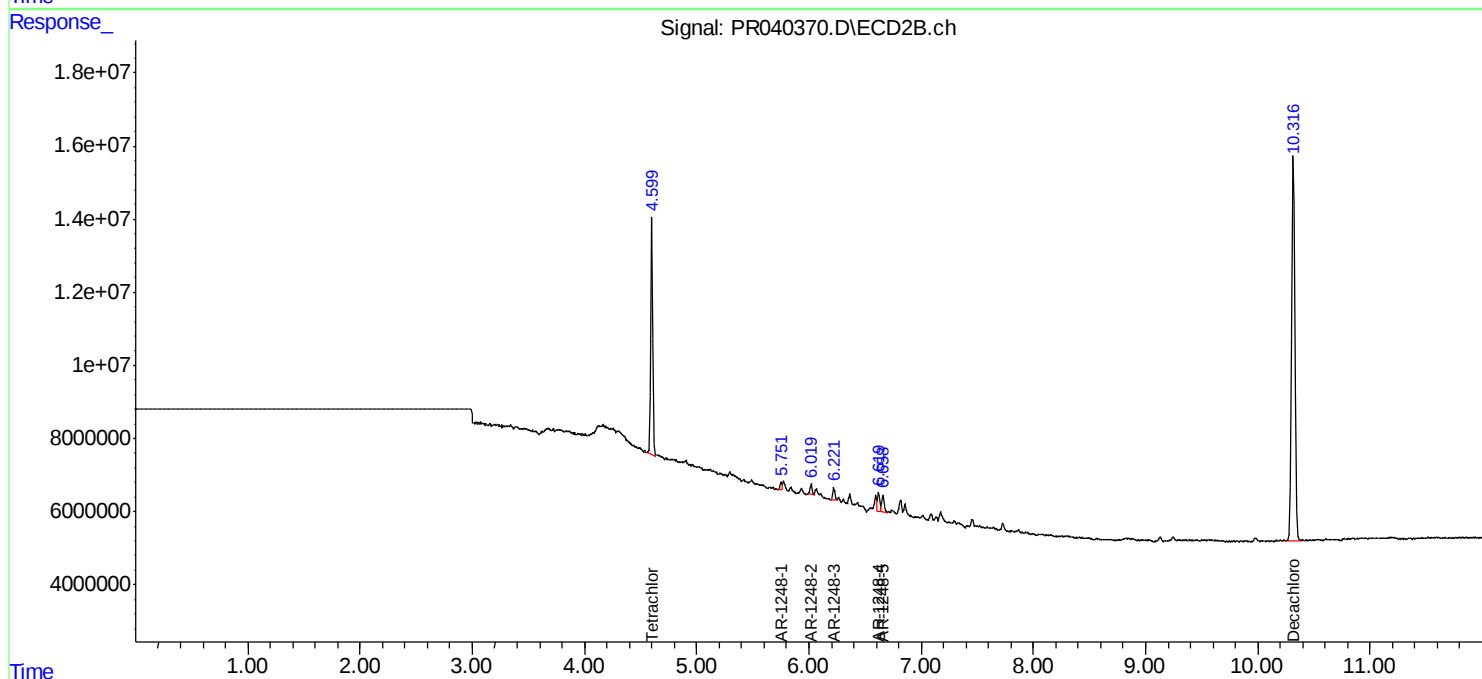
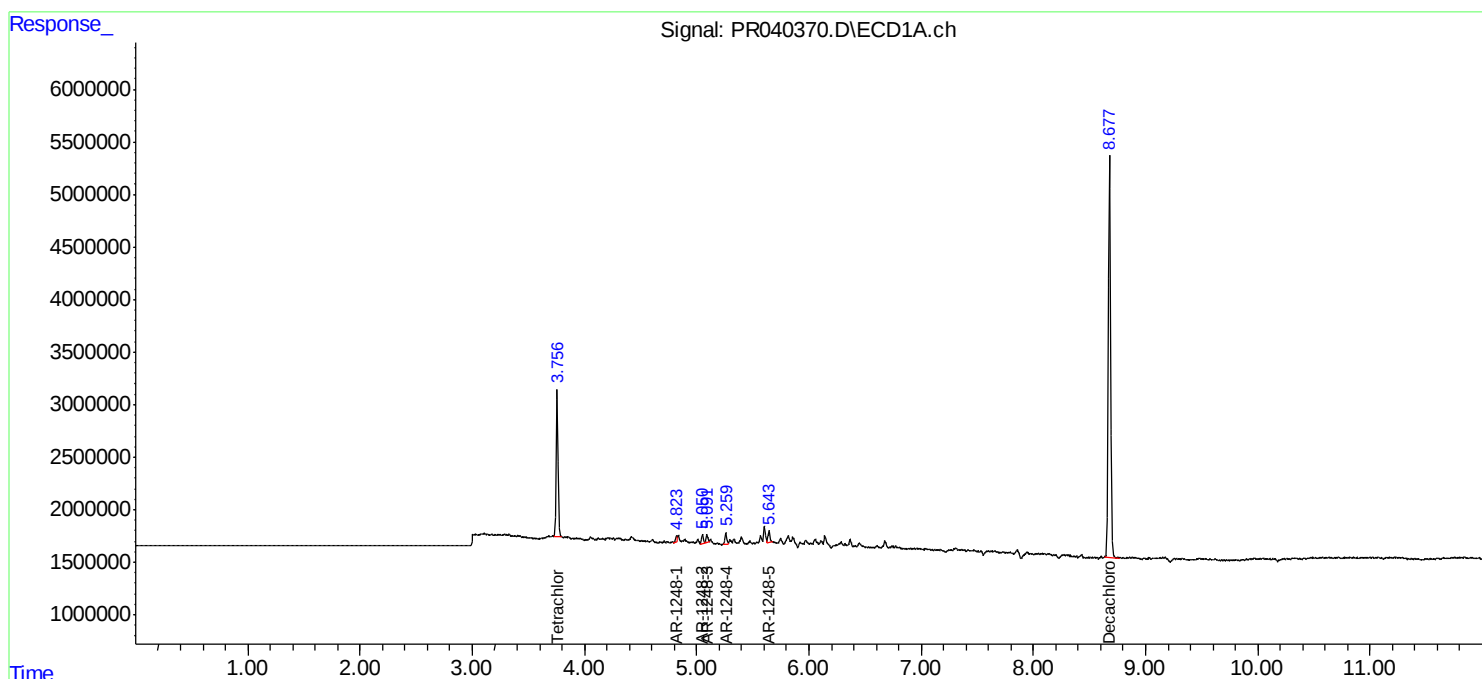
Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2019

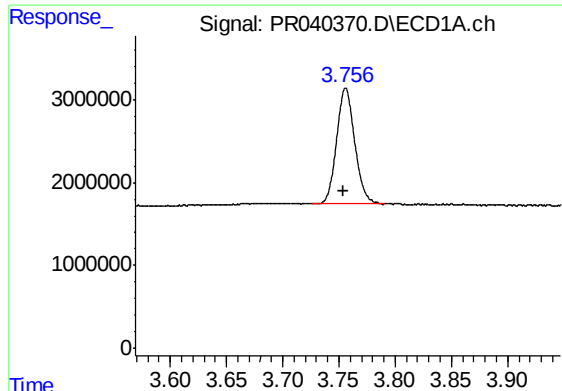
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 05:10:31 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR081519.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Aug 15 15:16:04 2019  
Response via : Initial Calibration  
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Volume Inj. : 2 µl  
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





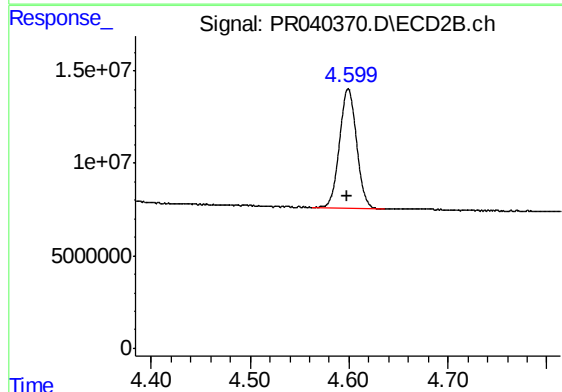
#1 Tetrachloro-m-xylene

R.T.: 3.756 min  
Delta R.T.: 0.002 min  
Response: 15744118  
Conc: 12.81 ng/ml m

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2019

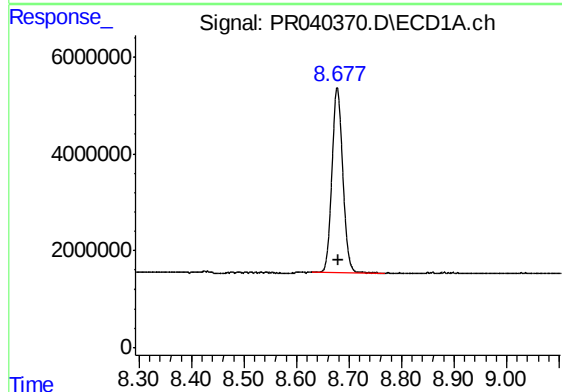
Manual Integrations  
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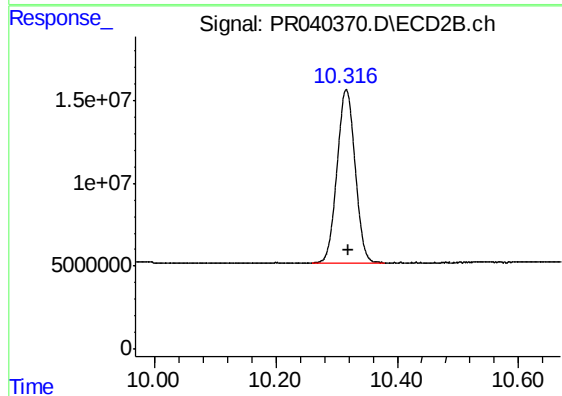
#1 Tetrachloro-m-xylene

R.T.: 4.599 min  
Delta R.T.: 0.001 min  
Response: 77480929  
Conc: 12.56 ng/ml



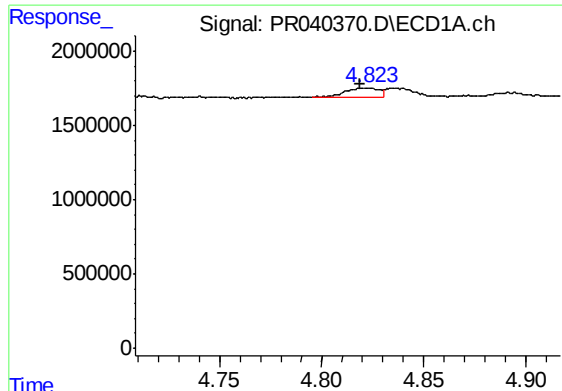
#2 Decachlorobiphenyl

R.T.: 8.677 min  
Delta R.T.: -0.003 min  
Response: 54699012  
Conc: 18.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.316 min  
Delta R.T.: -0.003 min  
Response: 216000486  
Conc: 18.61 ng/ml



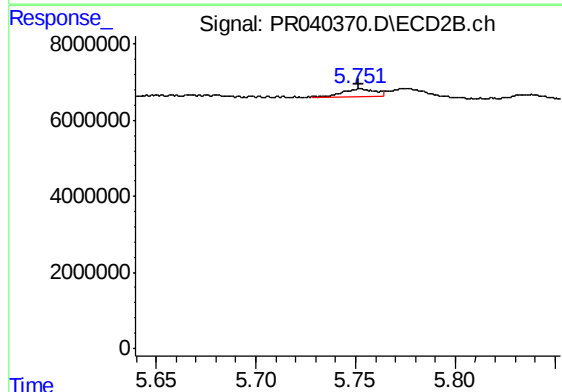
#21 AR-1248-1

R.T.: 4.824 min  
Delta R.T.: 0.005 min  
Response: 714519  
Conc: 19.00 ng/ml

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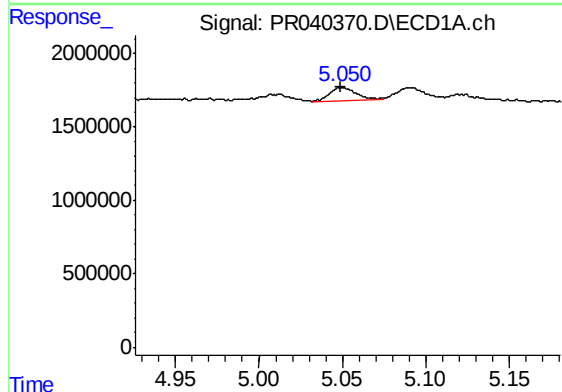
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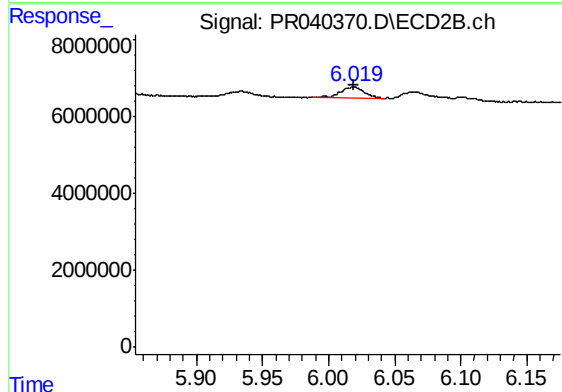
#21 AR-1248-1

R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 2497462  
Conc: 14.92 ng/ml m



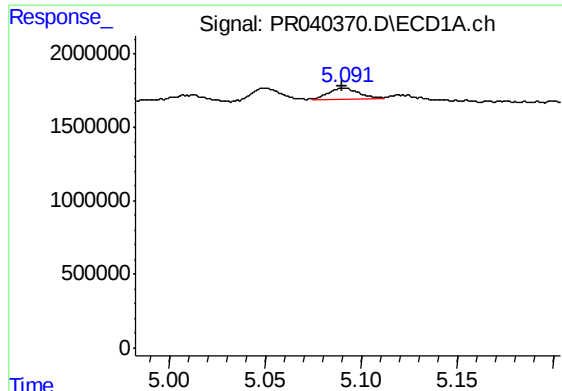
#22 AR-1248-2

R.T.: 5.051 min  
Delta R.T.: 0.002 min  
Response: 970231  
Conc: 18.01 ng/ml



#22 AR-1248-2

R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 3747886  
Conc: 15.30 ng/ml m



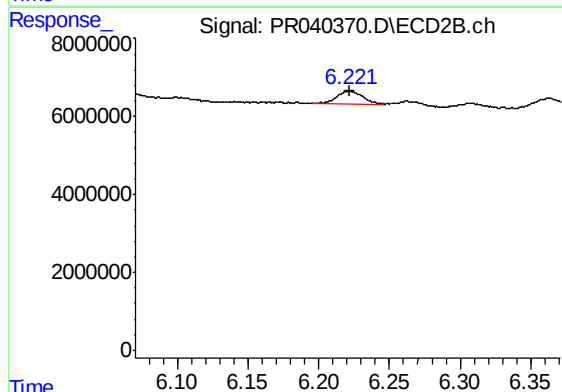
#23 AR-1248-3

R.T.: 5.091 min  
Delta R.T.: 0.000 min  
Response: 798303  
Conc: 14.27 ng/ml

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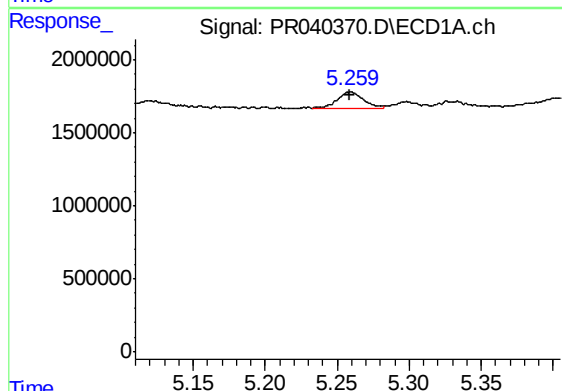
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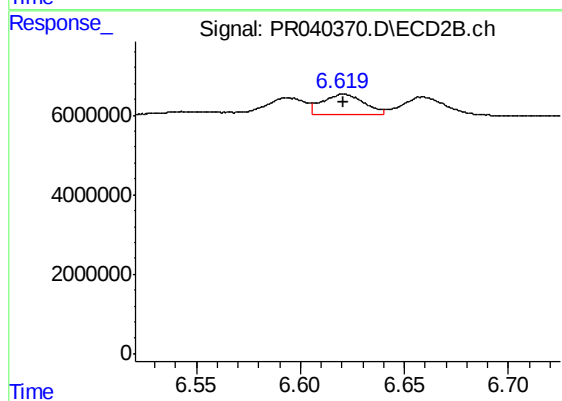
#23 AR-1248-3

R.T.: 6.221 min  
Delta R.T.: -0.001 min  
Response: 4364709  
Conc: 15.19 ng/ml m



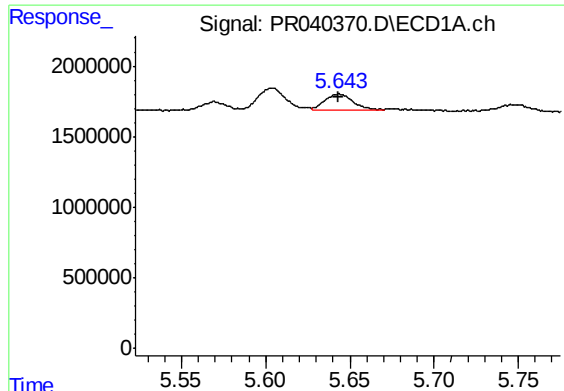
#24 AR-1248-4

R.T.: 5.260 min  
Delta R.T.: 0.001 min  
Response: 1375288  
Conc: 19.35 ng/ml



#24 AR-1248-4

R.T.: 6.619 min  
Delta R.T.: -0.002 min  
Response: 7160100  
Conc: 19.95 ng/ml m



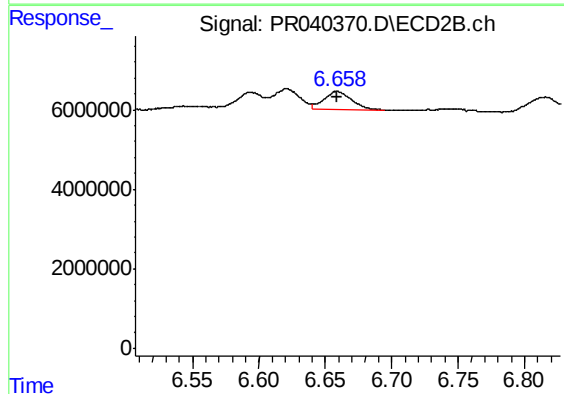
#25 AR-1248-5

R.T.: 5.644 min  
Delta R.T.: 0.000 min  
Response: 1269185  
Conc: 16.42 ng/ml

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#25 AR-1248-5

R.T.: 6.658 min  
Delta R.T.: 0.000 min  
Response: 6755212  
Conc: 19.52 ng/ml m