

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR101819\  
 Data File : PR042356.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2019 16:33  
 Operator : SM\AJ  
 Sample : K5111-01  
 Misc : AR1660 LOD 40 PPB  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2019

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 00:12:39 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR101719.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Oct 17 06:40:58 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...          | 4.726  | 3.983 | 56285776 | 219.3E6  | 11.819  | 12.880  |
| 2) SA Decachlor...          | 10.651 | 9.097 | 49203839 | 142.2E6  | 14.073  | 14.011  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.904  | 5.082 | 4974413  | 19164627 | 31.825  | 35.935  |
| 4) L1 AR-1016-2             | 5.928  | 5.102 | 6727973  | 25608724 | 30.227  | 34.843  |
| 5) L1 AR-1016-3             | 5.991  | 5.280 | 3991234  | 10941633 | 30.213  | 33.708m |
| 6) L1 AR-1016-4             | 6.091  | 5.320 | 3396114  | 8313505  | 31.380  | 31.832  |
| 7) L1 AR-1016-5             | 6.385  | 5.535 | 3448853  | 11246364 | 31.883m | 37.945m |
| 31) L7 AR-1260-1            | 7.512  | 6.576 | 7485899  | 20258085 | 35.988  | 35.024  |
| 32) L7 AR-1260-2            | 7.767  | 6.762 | 7885835  | 30078518 | 32.116  | 38.103  |
| 33) L7 AR-1260-3            | 8.129  | 6.919 | 5131390  | 23099252 | 27.501  | 33.966  |
| 34) L7 AR-1260-4            | 8.368  | 7.392 | 6701017  | 17223711 | 31.810  | 31.435  |
| 35) L7 AR-1260-5            | 8.707  | 7.632 | 12393022 | 43486251 | 29.497  | 29.512  |
| -----                       |        |       |          |          |         |         |

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

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Acq On : 18 Oct 2019 16:33  
Operator : SM\AJ  
Sample : K5111-01  
Misc : AR1660 LOD 40 PPB  
ALS Vial : 25 Sample Multiplier: 1

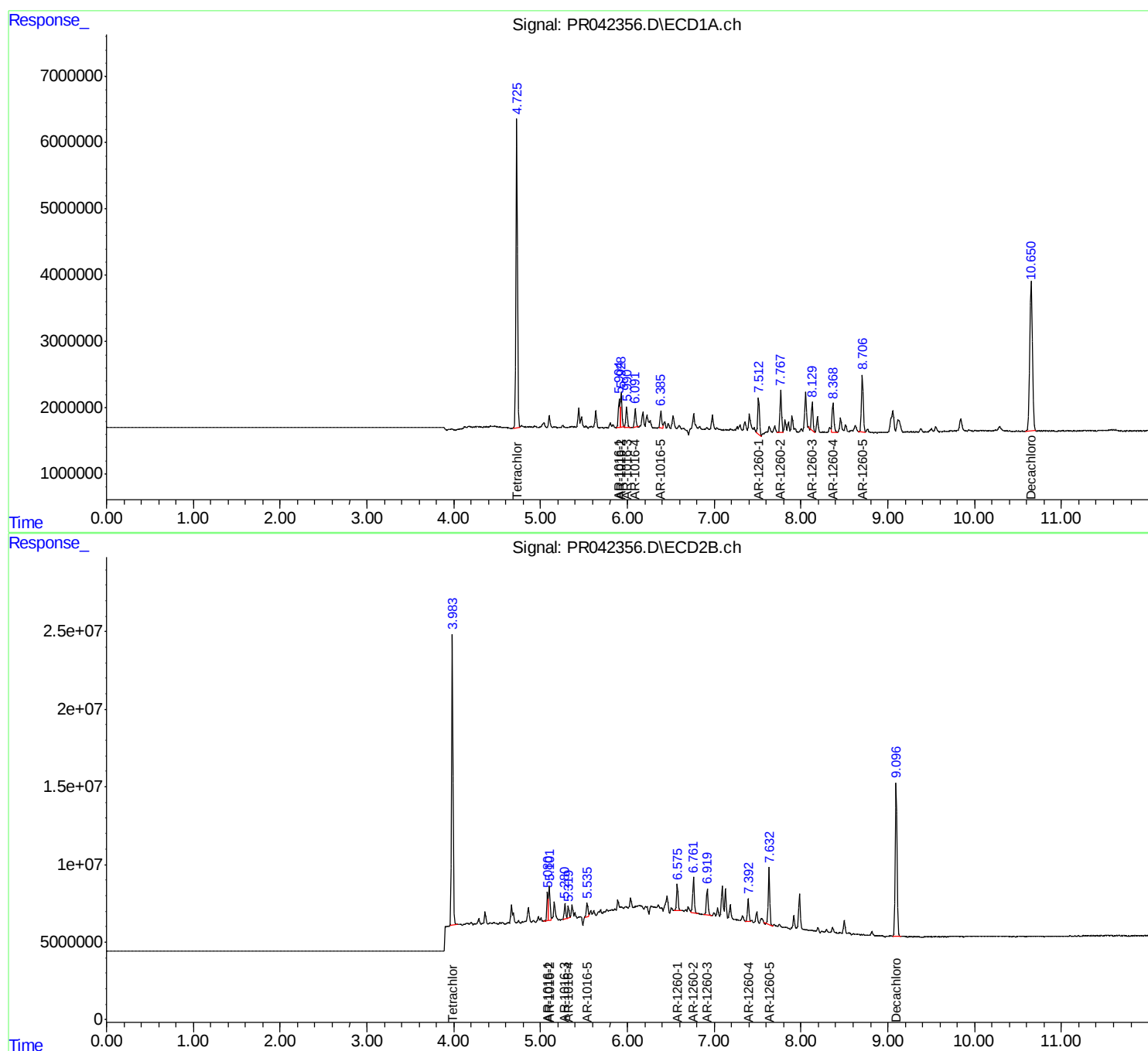
Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019

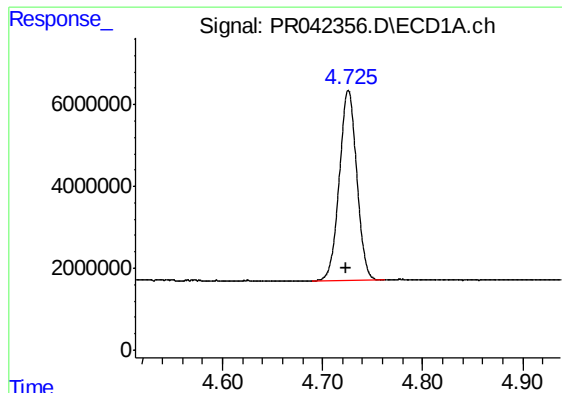
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Integration File signal 1: autoint1.e  
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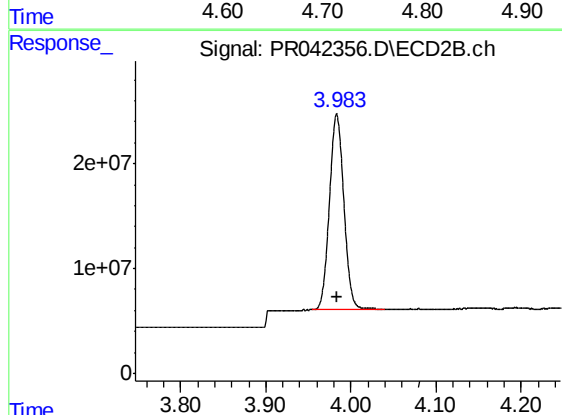
#1 Tetrachloro-m-xylene

R.T.: 4.726 min  
Delta R.T.: 0.003 min  
Response: 56285776  
Conc: 11.82 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019

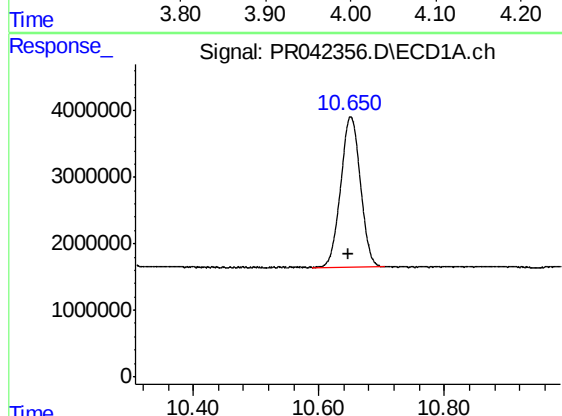
Manual Integrations  
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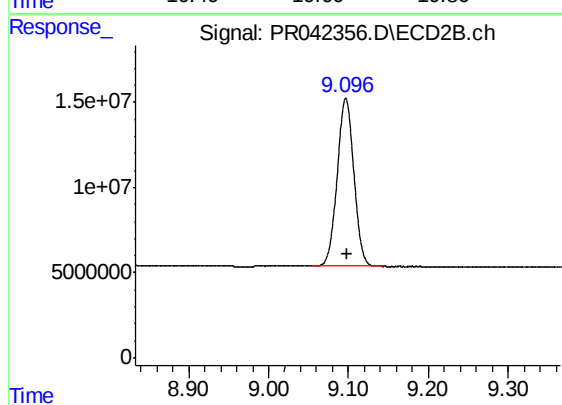
#1 Tetrachloro-m-xylene

R.T.: 3.983 min  
Delta R.T.: 0.000 min  
Response: 219300518  
Conc: 12.88 ng/ml



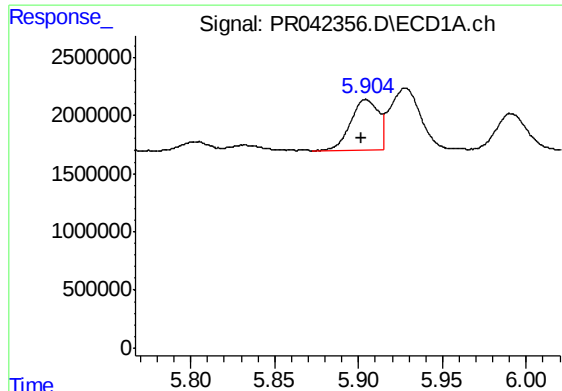
#2 Decachlorobiphenyl

R.T.: 10.651 min  
Delta R.T.: 0.003 min  
Response: 49203839  
Conc: 14.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.097 min  
Delta R.T.: -0.001 min  
Response: 142226595  
Conc: 14.01 ng/ml



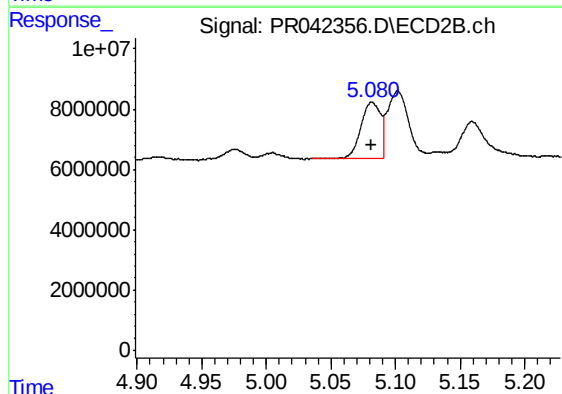
#3 AR-1016-1

R.T.: 5.904 min  
Delta R.T.: 0.002 min  
Response: 4974413  
Conc: 31.82 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019

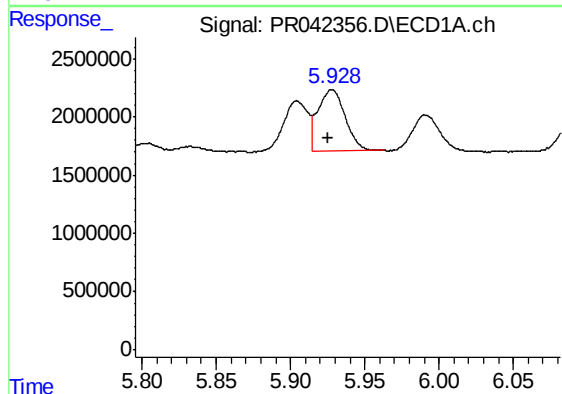
Manual Integrations  
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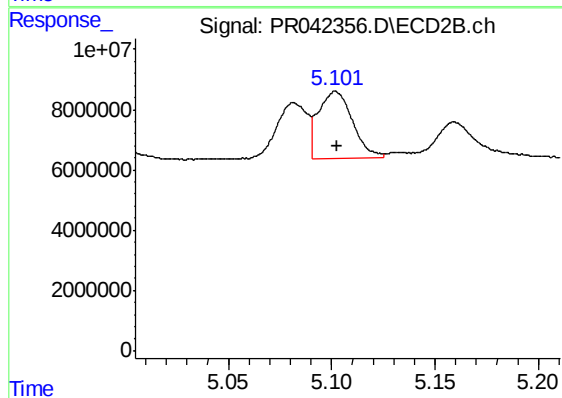
#3 AR-1016-1

R.T.: 5.082 min  
Delta R.T.: 0.000 min  
Response: 19164627  
Conc: 35.93 ng/ml



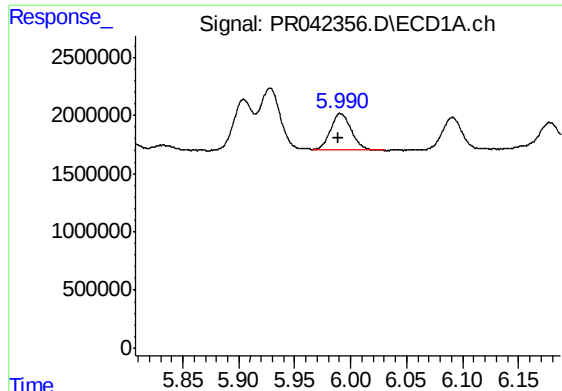
#4 AR-1016-2

R.T.: 5.928 min  
Delta R.T.: 0.002 min  
Response: 6727973  
Conc: 30.23 ng/ml



#4 AR-1016-2

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 25608724  
Conc: 34.84 ng/ml



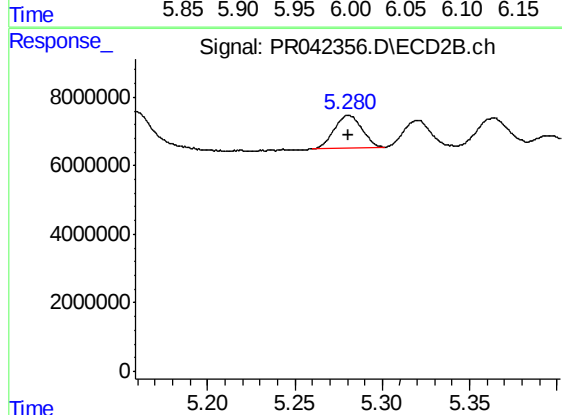
#5 AR-1016-3

R.T.: 5.991 min  
Delta R.T.: 0.002 min  
Response: 3991234  
Conc: 30.21 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019

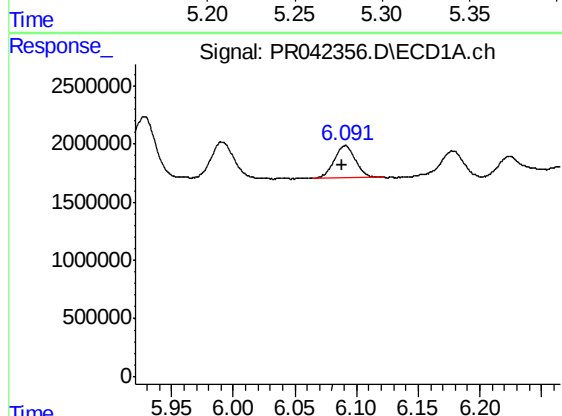
Manual Integrations  
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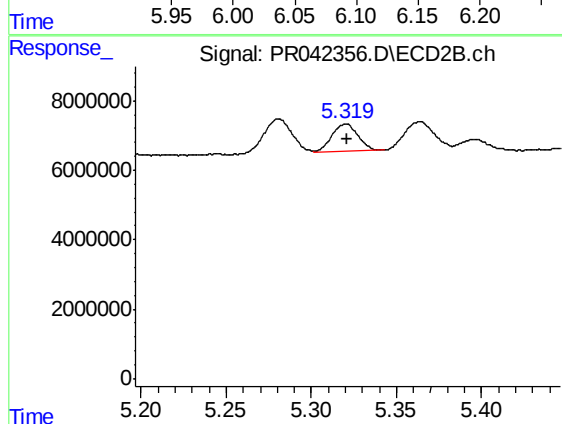
#5 AR-1016-3

R.T.: 5.280 min  
Delta R.T.: -0.001 min  
Response: 10941633  
Conc: 33.71 ng/ml m



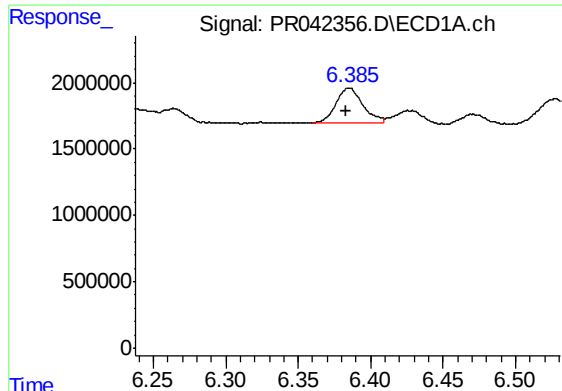
#6 AR-1016-4

R.T.: 6.091 min  
Delta R.T.: 0.002 min  
Response: 3396114  
Conc: 31.38 ng/ml



#6 AR-1016-4

R.T.: 5.320 min  
Delta R.T.: 0.000 min  
Response: 8313505  
Conc: 31.83 ng/ml



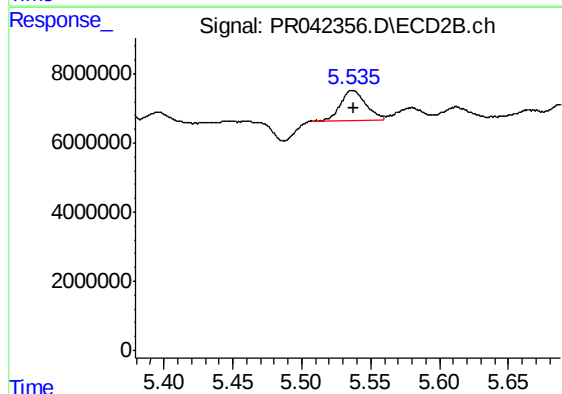
#7 AR-1016-5

R.T.: 6.385 min  
Delta R.T.: 0.002 min  
Response: 3448853  
Conc: 31.88 ng/ml m

Instrument :  
ECD\_R  
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LOD-MDL-SOIL-01-QT4-2019

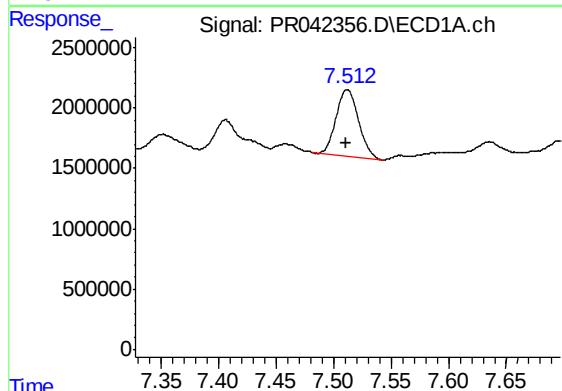
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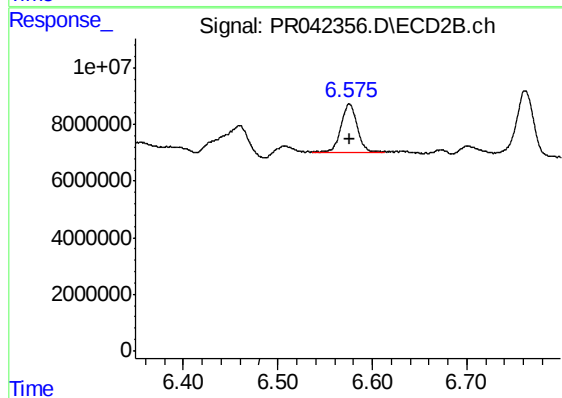
#7 AR-1016-5

R.T.: 5.535 min  
Delta R.T.: -0.003 min  
Response: 11246364  
Conc: 37.95 ng/ml m



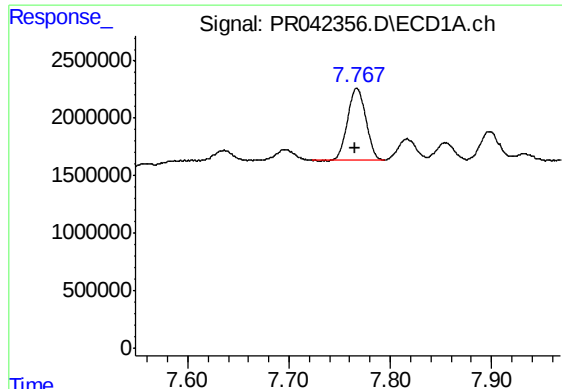
#31 AR-1260-1

R.T.: 7.512 min  
Delta R.T.: 0.001 min  
Response: 7485899  
Conc: 35.99 ng/ml



#31 AR-1260-1

R.T.: 6.576 min  
Delta R.T.: 0.000 min  
Response: 20258085  
Conc: 35.02 ng/ml



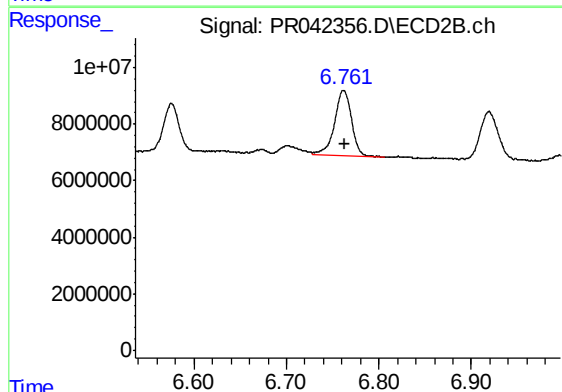
#32 AR-1260-2

R.T.: 7.767 min  
Delta R.T.: 0.001 min  
Response: 7885835  
Conc: 32.12 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019

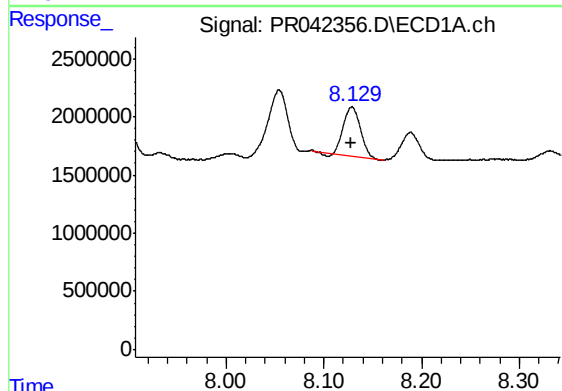
Manual Integrations  
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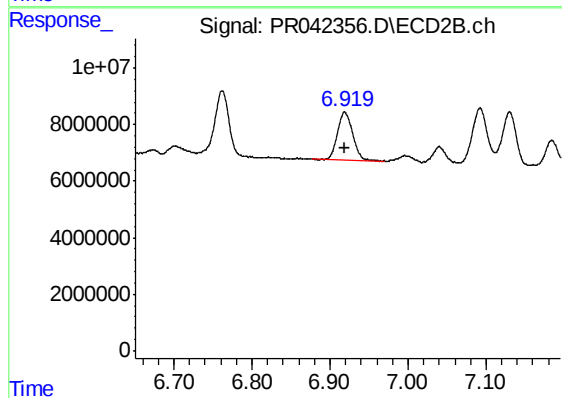
#32 AR-1260-2

R.T.: 6.762 min  
Delta R.T.: -0.001 min  
Response: 30078518  
Conc: 38.10 ng/ml



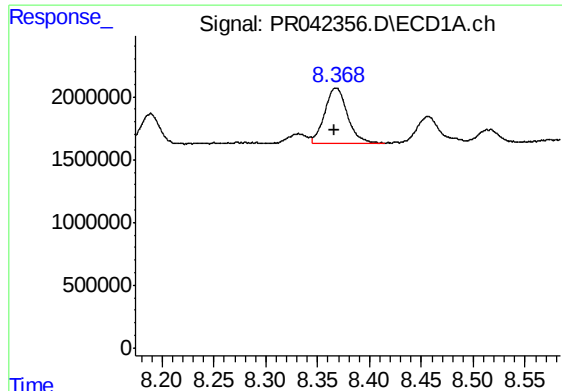
#33 AR-1260-3

R.T.: 8.129 min  
Delta R.T.: 0.001 min  
Response: 5131390  
Conc: 27.50 ng/ml



#33 AR-1260-3

R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 23099252  
Conc: 33.97 ng/ml



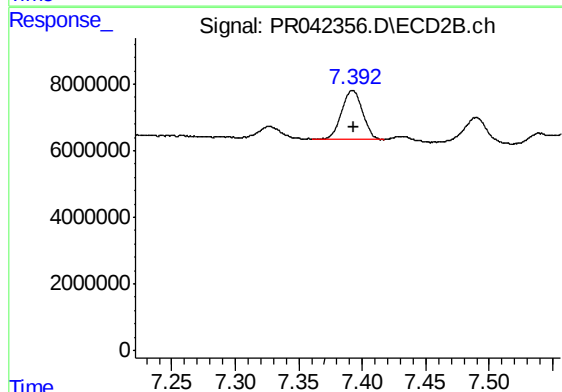
#34 AR-1260-4

R.T.: 8.368 min  
Delta R.T.: 0.002 min  
Response: 6701017  
Conc: 31.81 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019

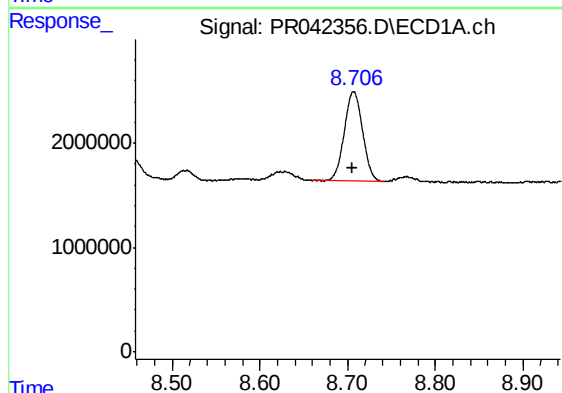
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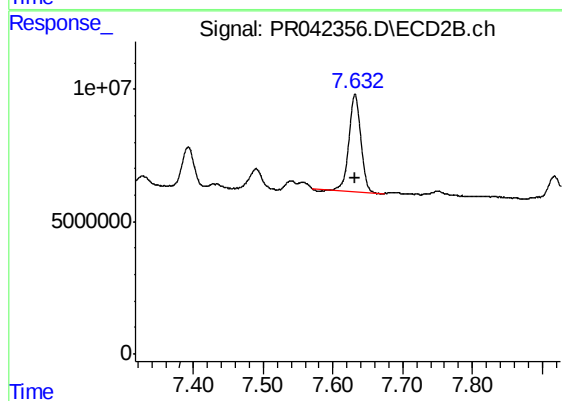
#34 AR-1260-4

R.T.: 7.392 min  
Delta R.T.: 0.000 min  
Response: 17223711  
Conc: 31.43 ng/ml



#35 AR-1260-5

R.T.: 8.707 min  
Delta R.T.: 0.002 min  
Response: 12393022  
Conc: 29.50 ng/ml



#35 AR-1260-5

R.T.: 7.632 min  
Delta R.T.: 0.000 min  
Response: 43486251  
Conc: 29.51 ng/ml