

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051524\  
 Data File : PP064956.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 May 2024 10:46  
 Operator : YP\AJ  
 Sample : P2403-01  
 Misc : AR1660 LOD 40 PPB  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2024

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/16/2024  
 Supervised By :Ankita Jodhani 05/16/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 16 01:31:24 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051324.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 14 06:05:56 2024  
 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...          | 4.264 | 3.372 | 35906952 | 47601134 | 18.880  | 21.145 |
| 2) SA Decachlor...          | 9.909 | 8.265 | 16926194 | 40330109 | 23.573  | 23.026 |
| Target Compounds            |       |       |          |          |         |        |
| 3) L1 AR-1016-1             | 5.430 | 4.434 | 1505091  | 2640255  | 36.563m | 34.392 |
| 4) L1 AR-1016-2             | 5.453 | 4.451 | 2031428  | 3466807  | 32.913m | 32.215 |
| 5) L1 AR-1016-3             | 5.515 | 4.623 | 1415213  | 1881020  | 36.083  | 31.740 |
| 6) L1 AR-1016-4             | 5.614 | 4.666 | 1074088  | 1645789  | 35.825  | 33.878 |
| 7) L1 AR-1016-5             | 5.910 | 4.874 | 1084500  | 2047458  | 37.183  | 32.371 |
| 31) L7 AR-1260-1            | 7.036 | 5.891 | 2017675  | 4667441  | 40.424  | 38.854 |
| 32) L7 AR-1260-2            | 7.294 | 6.079 | 2094630  | 5321405  | 41.510  | 39.311 |
| 33) L7 AR-1260-3            | 7.652 | 6.228 | 1495402  | 4756568  | 38.580  | 35.922 |
| 34) L7 AR-1260-4            | 7.877 | 6.694 | 1983632  | 3955581  | 45.215  | 37.166 |
| 35) L7 AR-1260-5            | 8.186 | 6.935 | 3022734  | 8448300  | 41.690  | 36.478 |
| -----                       |       |       |          |          |         |        |

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

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Operator : YP\AJ  
Sample : P2403-01  
Misc : AR1660 LOD 40 PPB  
ALS Vial : 4 Sample Multiplier: 1

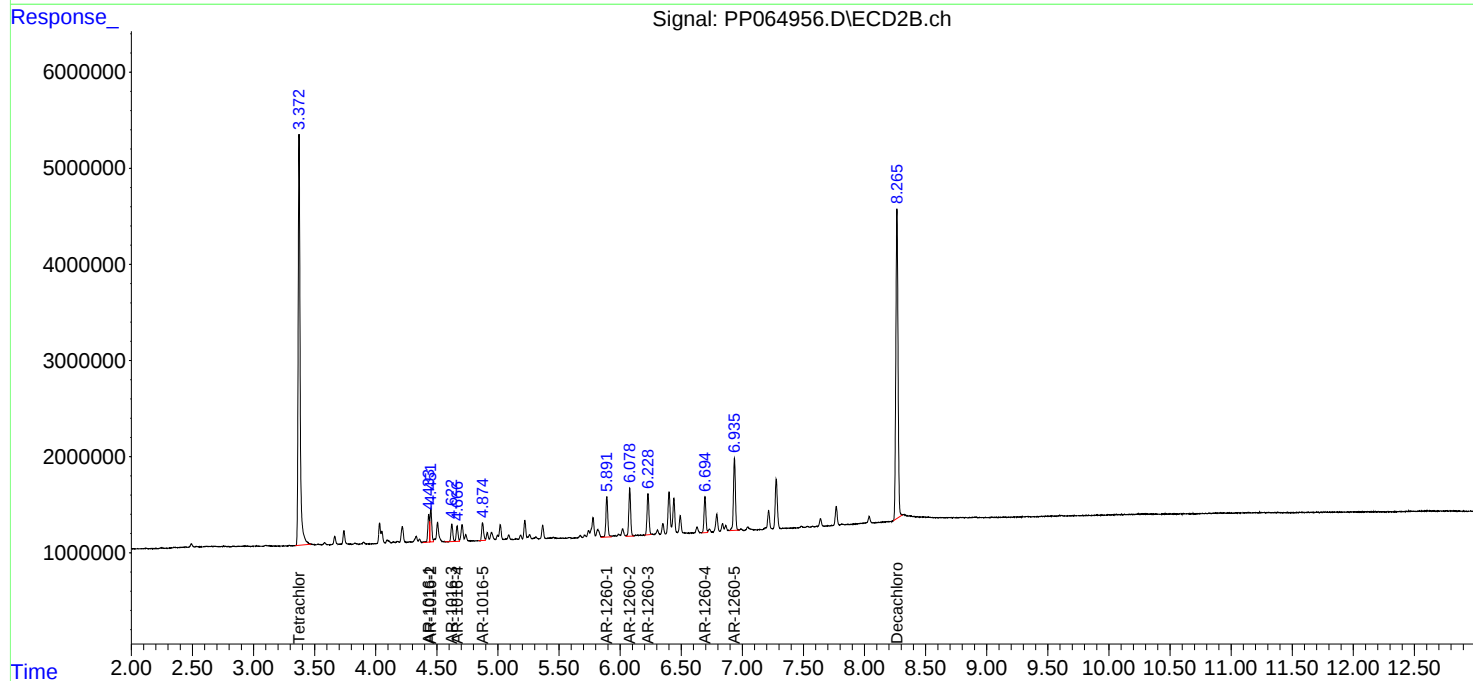
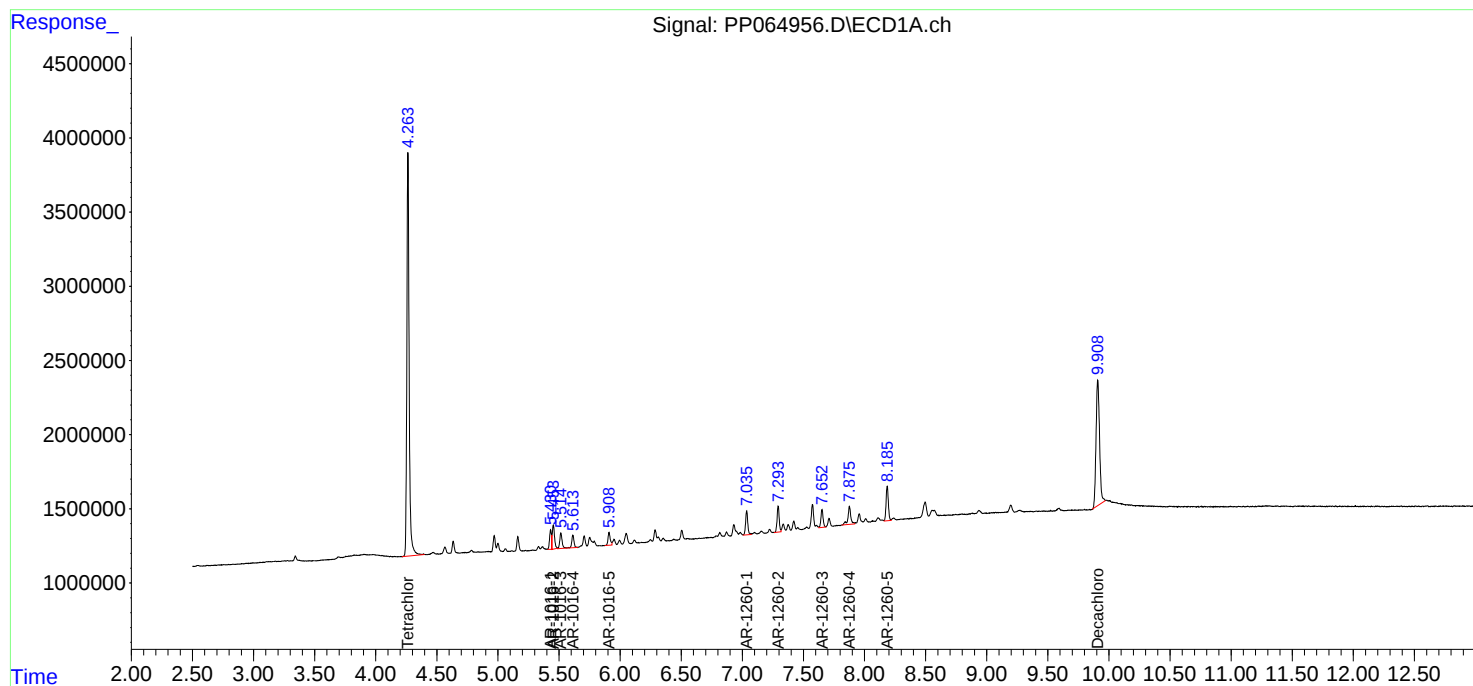
Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2024

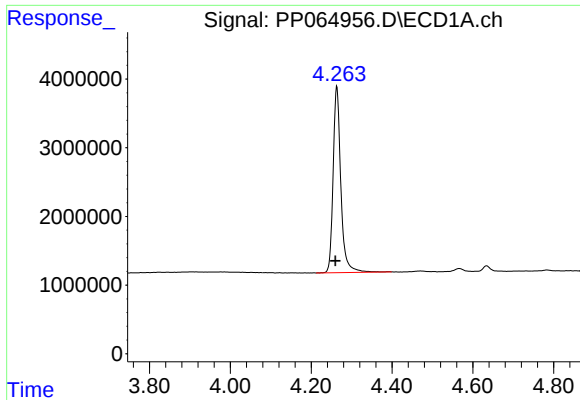
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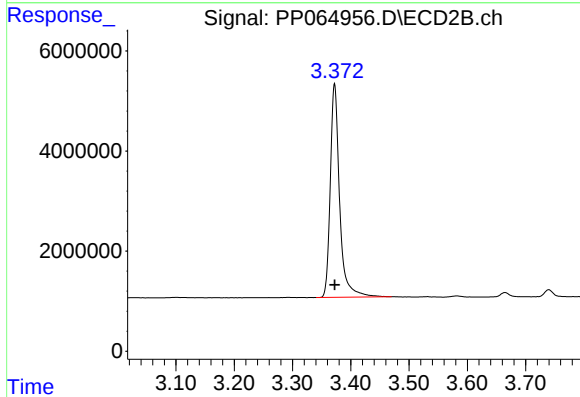
#1 Tetrachloro-m-xylene

R.T.: 4.264 min  
Delta R.T.: 0.004 min  
Response: 35906952  
Conc: 18.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2024

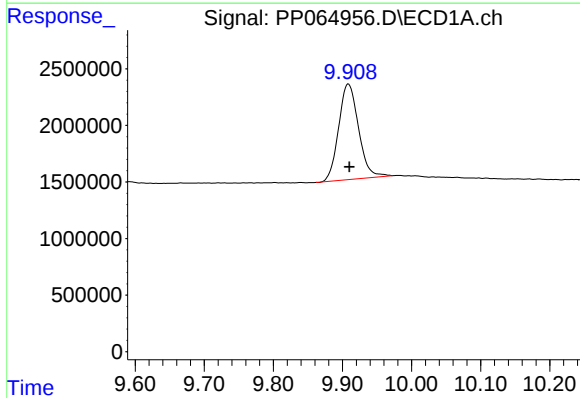
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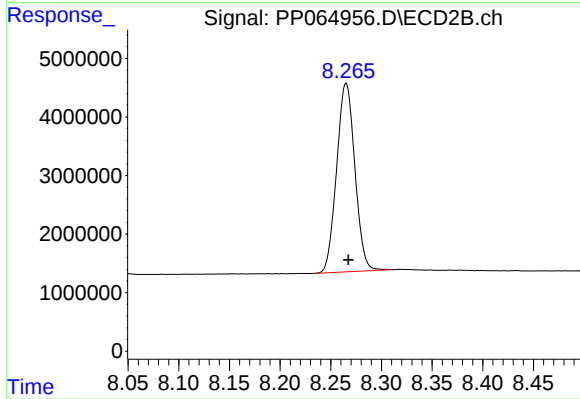
#1 Tetrachloro-m-xylene

R.T.: 3.372 min  
Delta R.T.: 0.000 min  
Response: 47601134  
Conc: 21.15 ng/ml



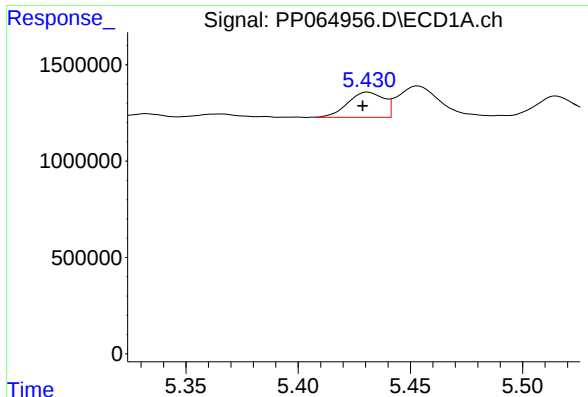
#2 Decachlorobiphenyl

R.T.: 9.909 min  
Delta R.T.: -0.001 min  
Response: 16926194  
Conc: 23.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.265 min  
Delta R.T.: -0.002 min  
Response: 40330109  
Conc: 23.03 ng/ml



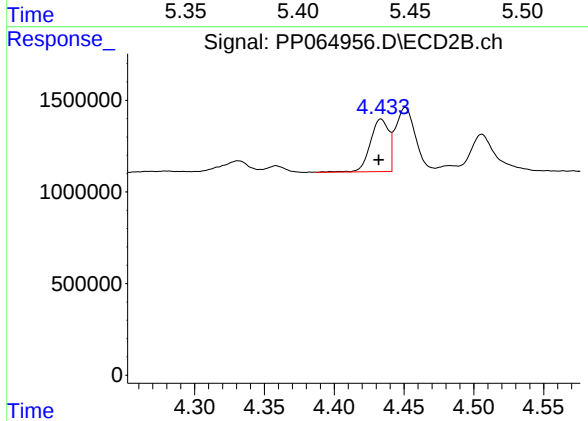
#3 AR-1016-1

R.T.: 5.430 min  
Delta R.T.: 0.002 min  
Response: 1505091  
Conc: 36.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2024

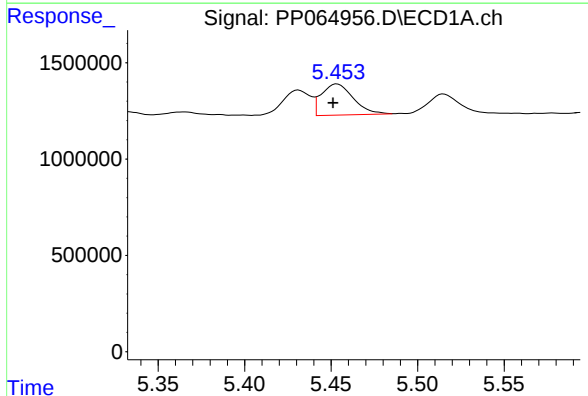
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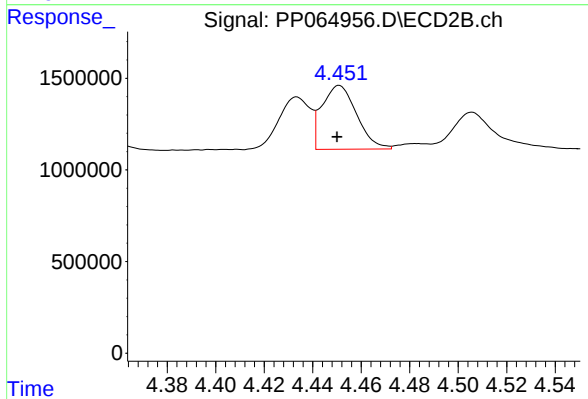
#3 AR-1016-1

R.T.: 4.434 min  
Delta R.T.: 0.002 min  
Response: 2640255  
Conc: 34.39 ng/ml



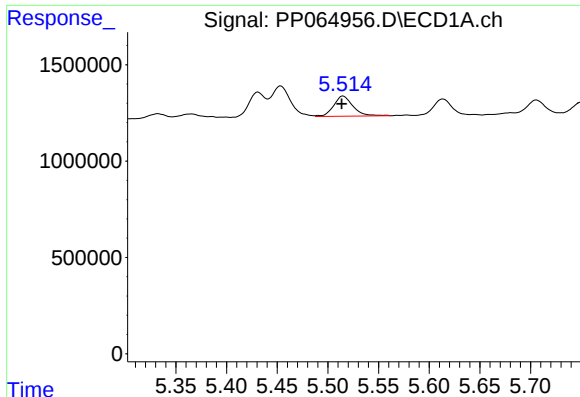
#4 AR-1016-2

R.T.: 5.453 min  
Delta R.T.: 0.002 min  
Response: 2031428  
Conc: 32.91 ng/ml m



#4 AR-1016-2

R.T.: 4.451 min  
Delta R.T.: 0.001 min  
Response: 3466807  
Conc: 32.22 ng/ml



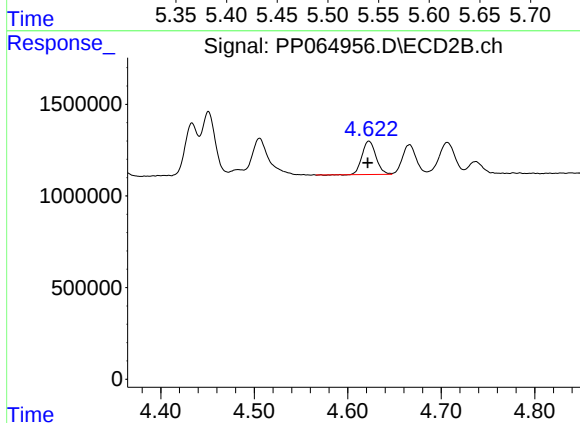
#5 AR-1016-3

R.T.: 5.515 min  
Delta R.T.: 0.002 min  
Response: 1415213  
Conc: 36.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2024

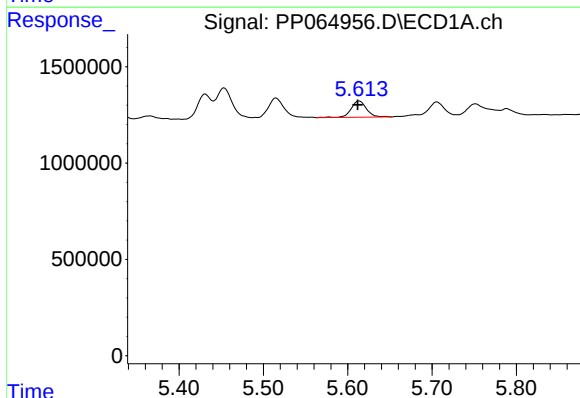
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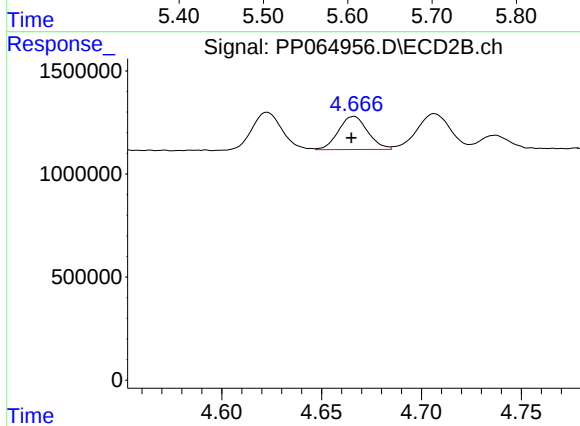
#5 AR-1016-3

R.T.: 4.623 min  
Delta R.T.: 0.001 min  
Response: 1881020  
Conc: 31.74 ng/ml



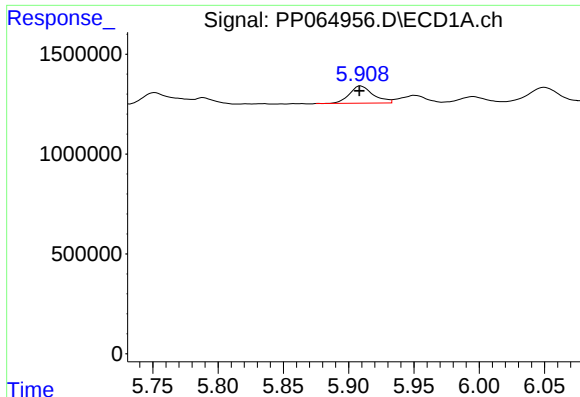
#6 AR-1016-4

R.T.: 5.614 min  
Delta R.T.: 0.002 min  
Response: 1074088  
Conc: 35.83 ng/ml



#6 AR-1016-4

R.T.: 4.666 min  
Delta R.T.: 0.001 min  
Response: 1645789  
Conc: 33.88 ng/ml



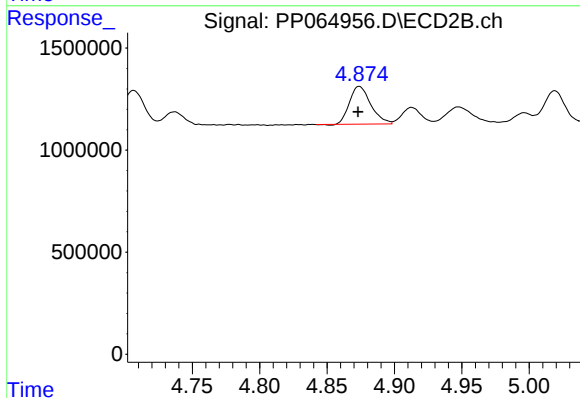
#7 AR-1016-5

R.T.: 5.910 min  
Delta R.T.: 0.002 min  
Response: 1084500  
Conc: 37.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2024

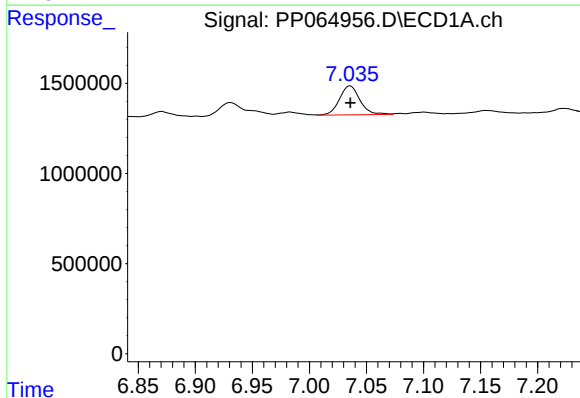
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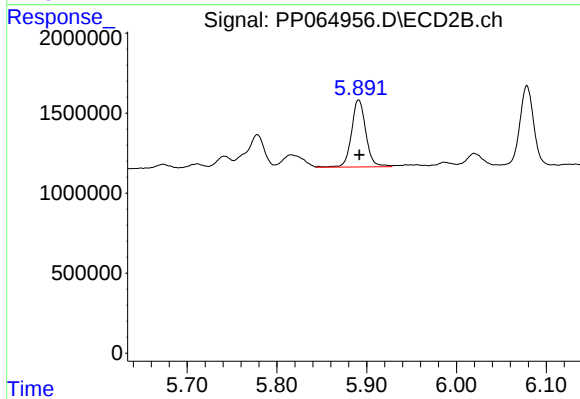
#7 AR-1016-5

R.T.: 4.874 min  
Delta R.T.: 0.000 min  
Response: 2047458  
Conc: 32.37 ng/ml



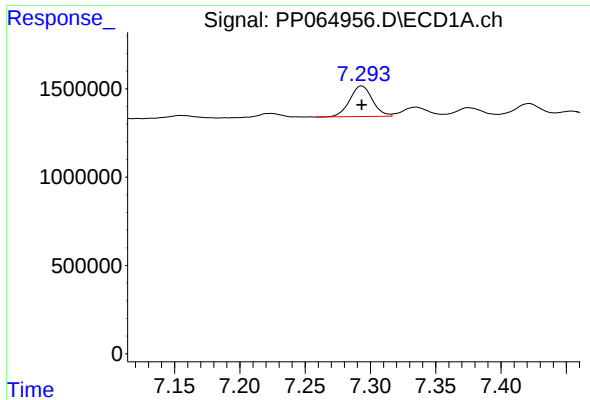
#31 AR-1260-1

R.T.: 7.036 min  
Delta R.T.: 0.000 min  
Response: 2017675  
Conc: 40.42 ng/ml



#31 AR-1260-1

R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 4667441  
Conc: 38.85 ng/ml



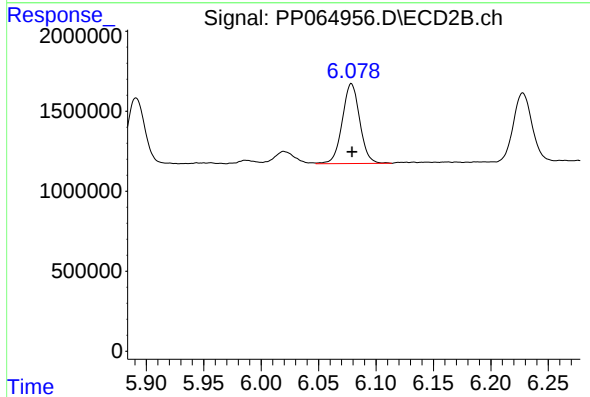
#32 AR-1260-2

R.T.: 7.294 min  
Delta R.T.: 0.000 min  
Response: 2094630  
Conc: 41.51 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2024

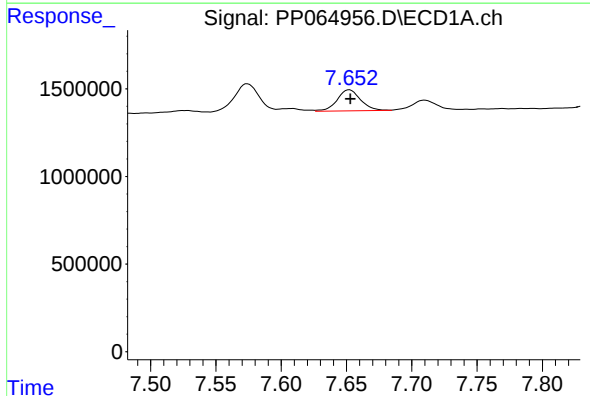
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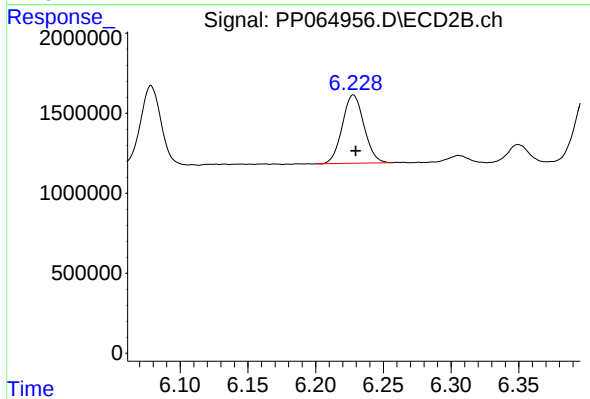
#32 AR-1260-2

R.T.: 6.079 min  
Delta R.T.: 0.000 min  
Response: 5321405  
Conc: 39.31 ng/ml



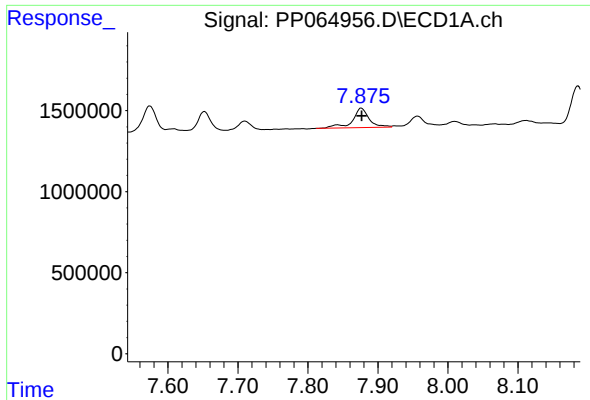
#33 AR-1260-3

R.T.: 7.652 min  
Delta R.T.: 0.000 min  
Response: 1495402  
Conc: 38.58 ng/ml



#33 AR-1260-3

R.T.: 6.228 min  
Delta R.T.: -0.002 min  
Response: 4756568  
Conc: 35.92 ng/ml



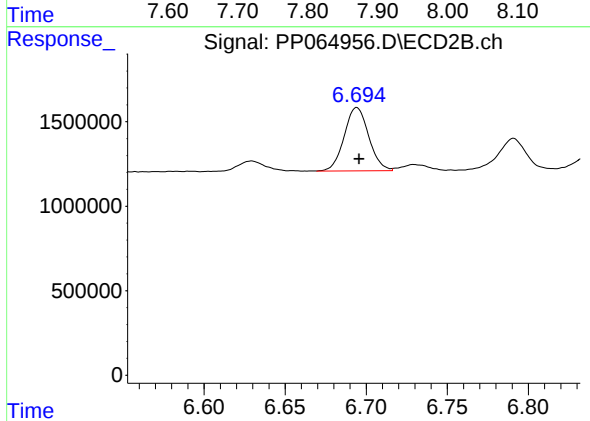
#34 AR-1260-4

R.T.: 7.877 min  
Delta R.T.: 0.000 min  
Response: 1983632  
Conc: 45.21 ng/ml

Instrument :  
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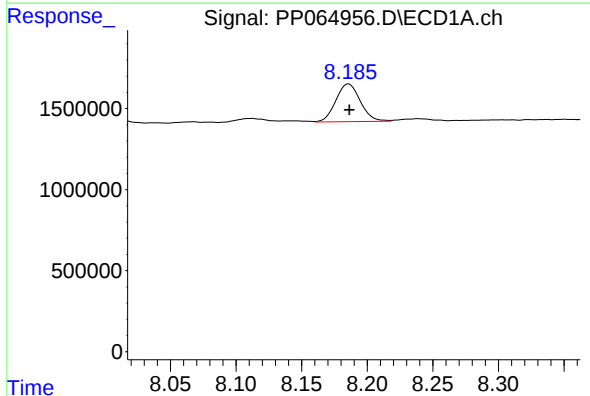
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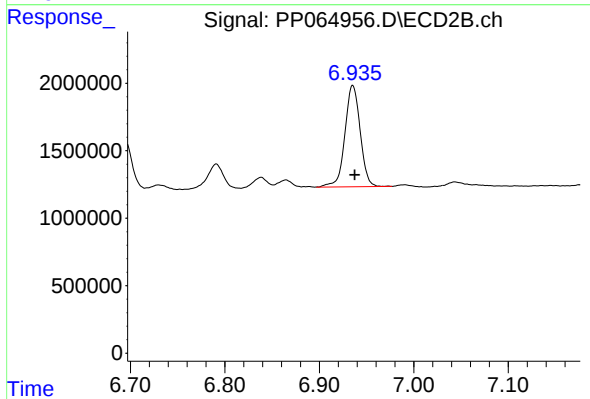
#34 AR-1260-4

R.T.: 6.694 min  
Delta R.T.: -0.001 min  
Response: 3955581  
Conc: 37.17 ng/ml



#35 AR-1260-5

R.T.: 8.186 min  
Delta R.T.: 0.000 min  
Response: 3022734  
Conc: 41.69 ng/ml



#35 AR-1260-5

R.T.: 6.935 min  
Delta R.T.: -0.002 min  
Response: 8448300  
Conc: 36.48 ng/ml