

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ040723\  
 Data File : PQ060840.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Apr 2023 15:34  
 Operator : YP\AJ  
 Sample : 02213-01  
 Misc : AR1660 LOD 25 PPB  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2023

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023  
 Supervised By :Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 08 01:50:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ032723.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Mar 27 17:20:15 2023  
 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...          | 3.406 | 2.764 | 140.3E6  | 63326389 | 17.875  | 16.111  |
| 2) SA Decachlor...          | 8.584 | 7.540 | 114.8E6  | 81481628 | 20.343  | 17.289  |
| Target Compounds            |       |       |          |          |         |         |
| 3) L1 AR-1016-1             | 4.506 | 3.767 | 5377942  | 3281102  | 19.328  | 22.920  |
| 4) L1 AR-1016-2             | 4.525 | 3.783 | 9875514  | 4753362  | 23.762  | 22.581  |
| 5) L1 AR-1016-3             | 4.583 | 3.942 | 6875700  | 2490757  | 26.358  | 22.462  |
| 6) L1 AR-1016-4             | 4.674 | 3.992 | 5589252  | 2194449  | 25.843  | 23.296  |
| 7) L1 AR-1016-5             | 4.962 | 4.187 | 5737732  | 2756372  | 25.781  | 23.383  |
| 31) L7 AR-1260-1            | 6.063 | 5.182 | 11462610 | 5965976  | 29.814  | 25.753  |
| 32) L7 AR-1260-2            | 6.323 | 5.372 | 12325576 | 8021567  | 26.912m | 27.991  |
| 33) L7 AR-1260-3            | 6.676 | 5.514 | 8881939  | 6847842  | 30.679m | 25.122m |
| 34) L7 AR-1260-4            | 6.893 | 5.975 | 8637481  | 5672684  | 25.084m | 28.052  |
| 35) L7 AR-1260-5            | 7.203 | 6.222 | 19622304 | 12034818 | 30.023m | 26.008  |
| -----                       |       |       |          |          |         |         |

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

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Misc : AR1660 LOD 25 PPB  
ALS Vial : 14 Sample Multiplier: 1

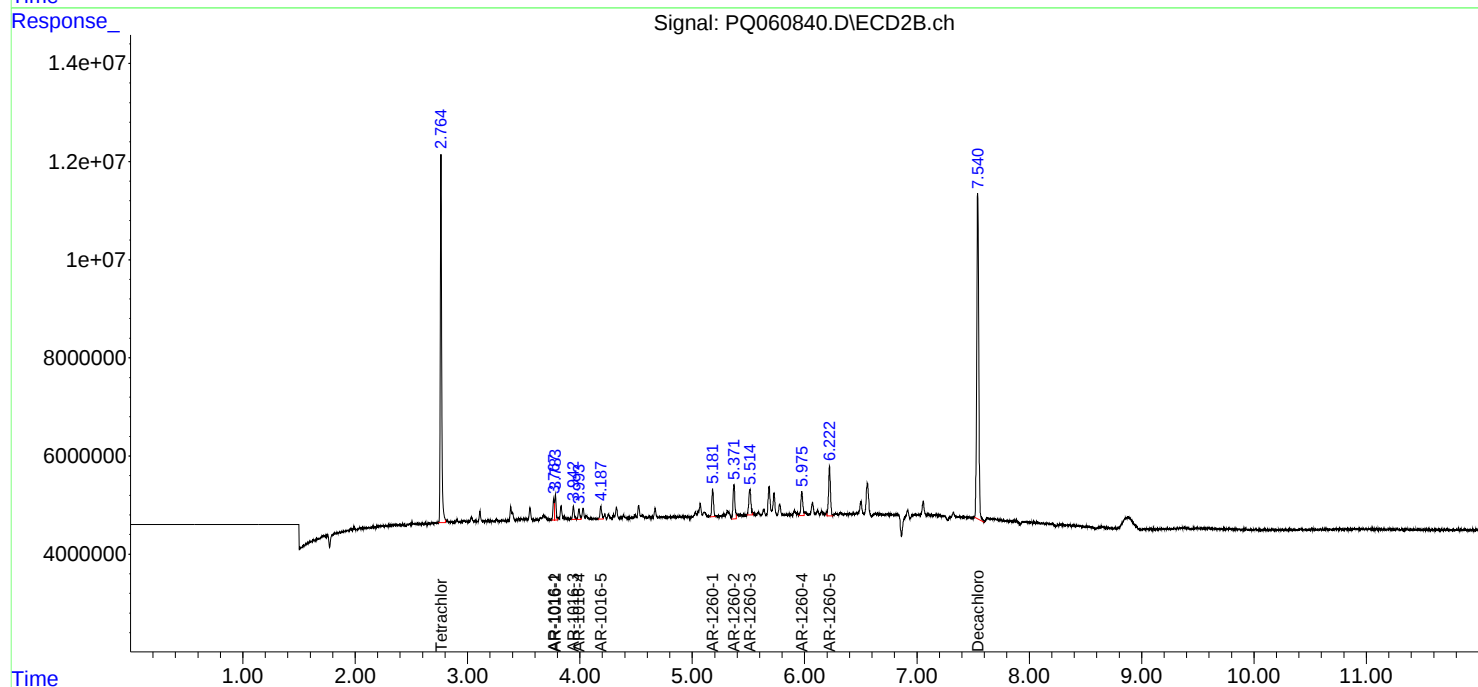
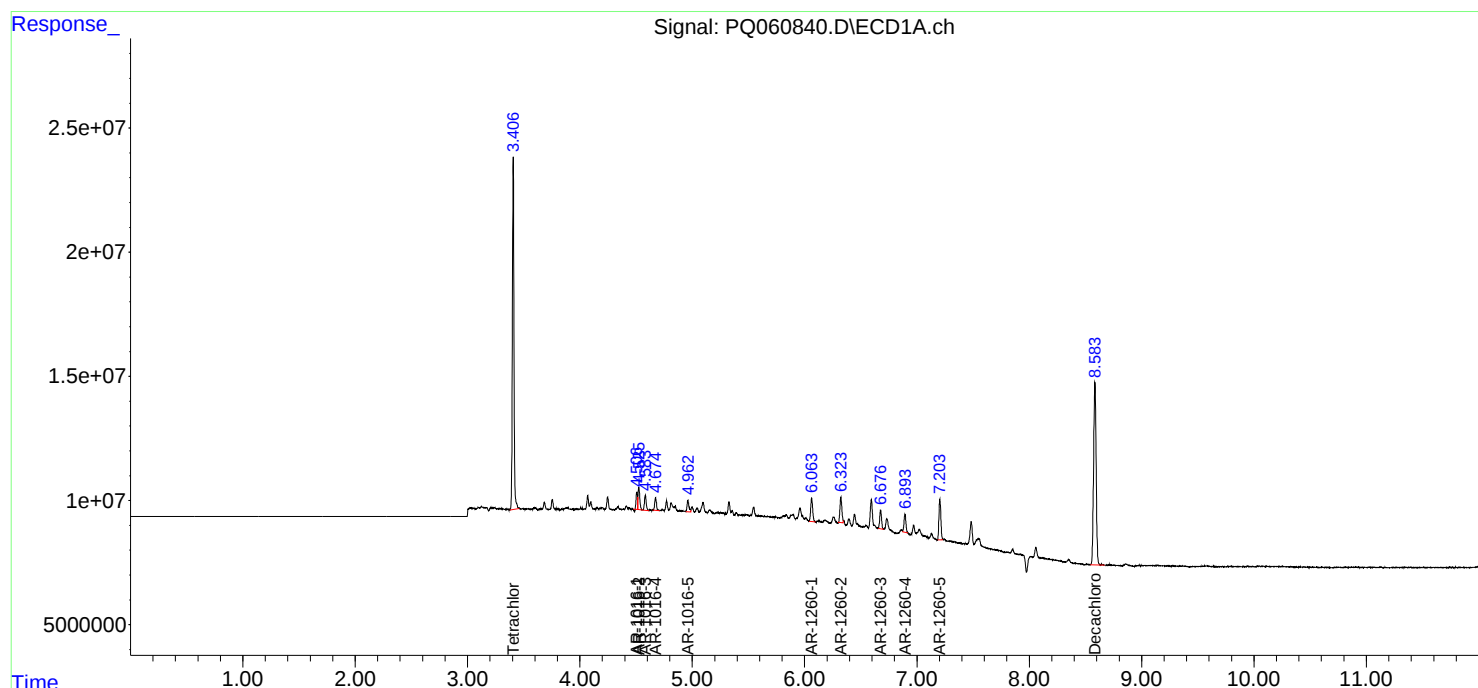
Instrument :  
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ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2023

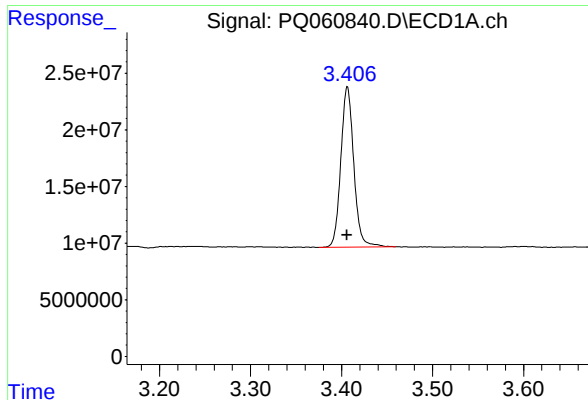
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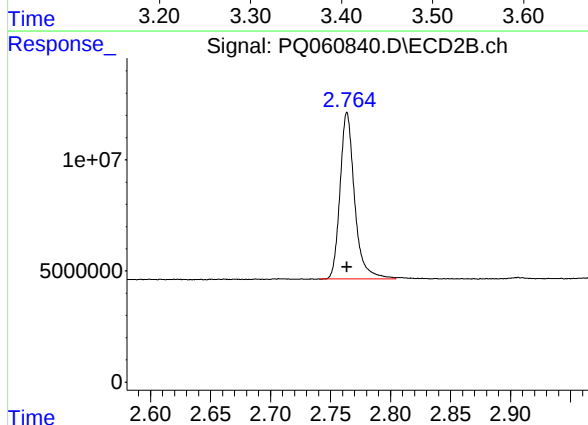
#1 Tetrachloro-m-xylene

R.T.: 3.406 min  
Delta R.T.: 0.000 min  
Response: 140324520  
Conc: 17.88 ng/ml

Instrument : ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2023

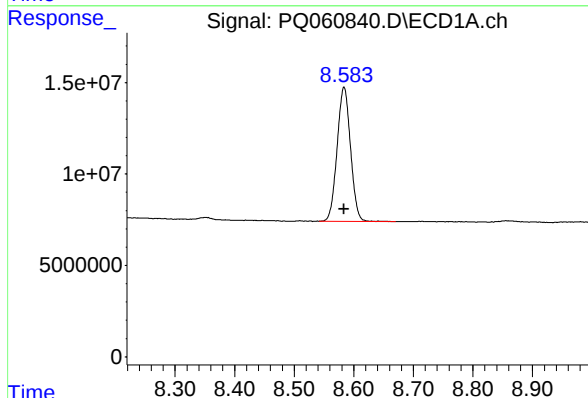
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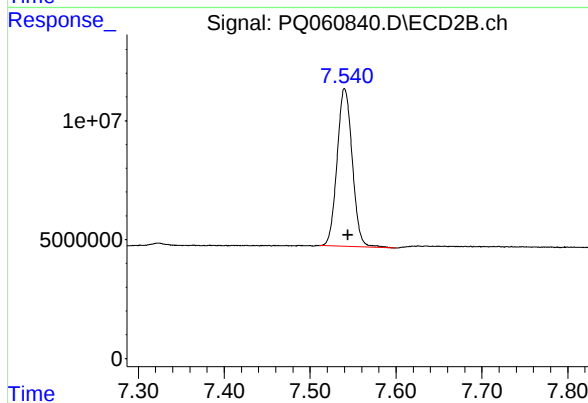
#1 Tetrachloro-m-xylene

R.T.: 2.764 min  
Delta R.T.: 0.000 min  
Response: 63326389  
Conc: 16.11 ng/ml



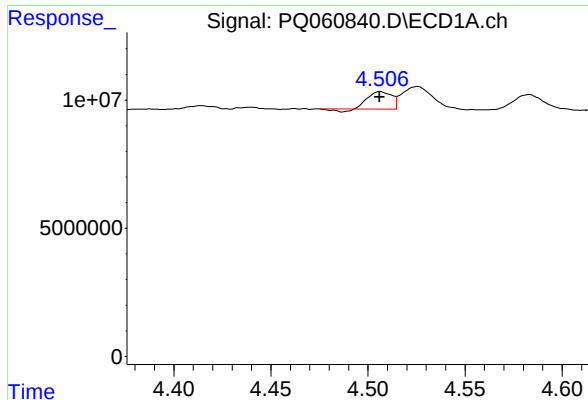
#2 Decachlorobiphenyl

R.T.: 8.584 min  
Delta R.T.: 0.000 min  
Response: 114799434  
Conc: 20.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.540 min  
Delta R.T.: -0.004 min  
Response: 81481628  
Conc: 17.29 ng/ml



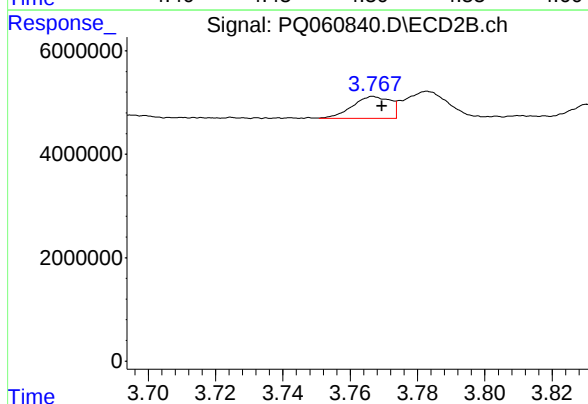
#3 AR-1016-1

R.T.: 4.506 min  
Delta R.T.: 0.000 min  
Response: 5377942  
Conc: 19.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2023

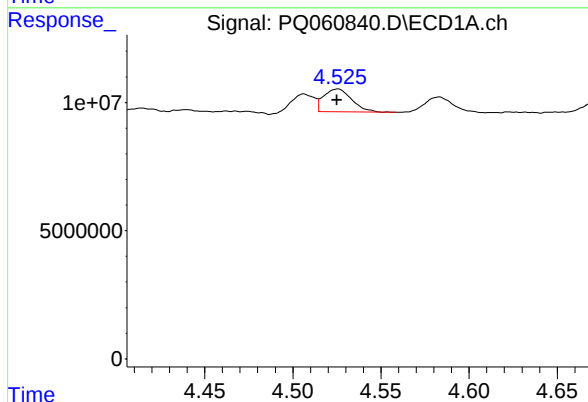
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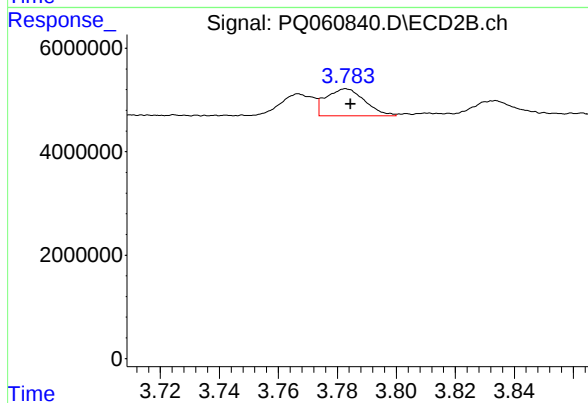
#3 AR-1016-1

R.T.: 3.767 min  
Delta R.T.: -0.003 min  
Response: 3281102  
Conc: 22.92 ng/ml



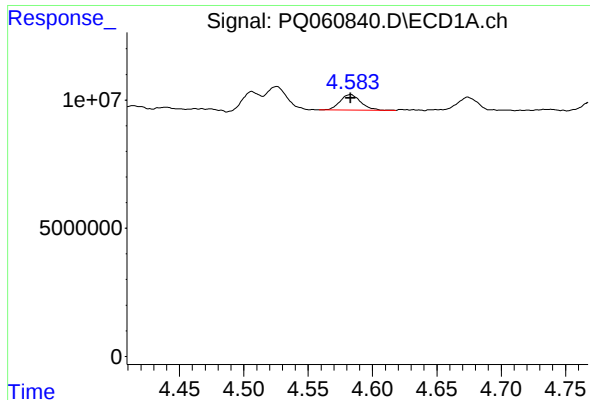
#4 AR-1016-2

R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 9875514  
Conc: 23.76 ng/ml



#4 AR-1016-2

R.T.: 3.783 min  
Delta R.T.: -0.002 min  
Response: 4753362  
Conc: 22.58 ng/ml



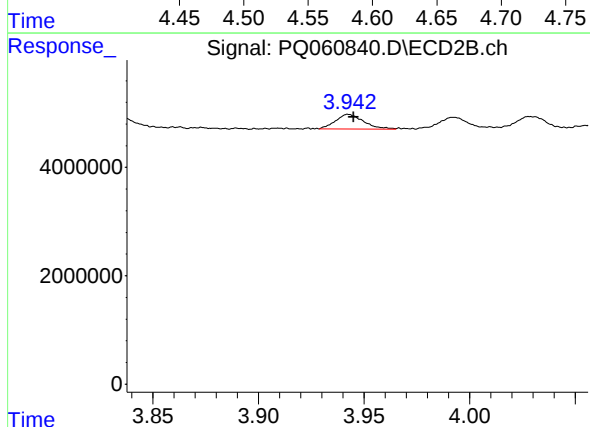
#5 AR-1016-3

R.T.: 4.583 min  
Delta R.T.: 0.000 min  
Response: 6875700  
Conc: 26.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2023

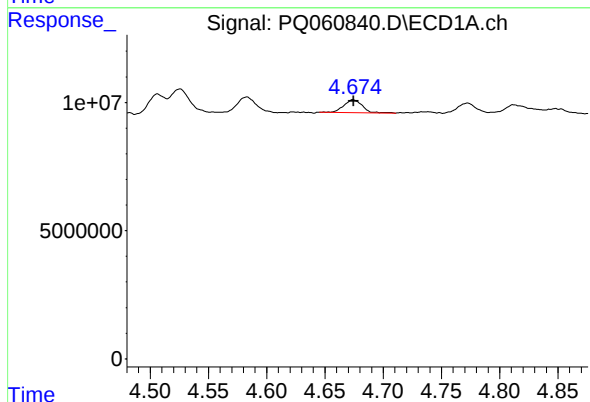
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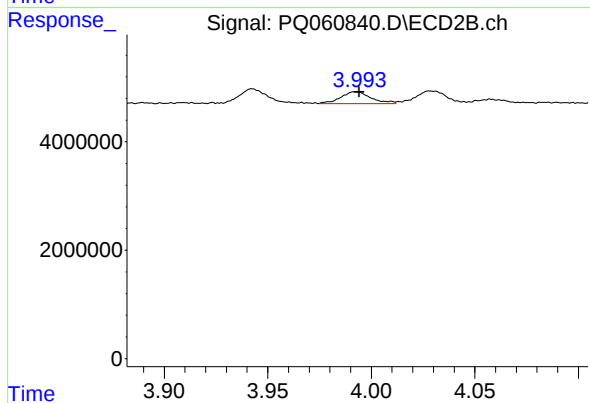
#5 AR-1016-3

R.T.: 3.942 min  
Delta R.T.: -0.003 min  
Response: 2490757  
Conc: 22.46 ng/ml



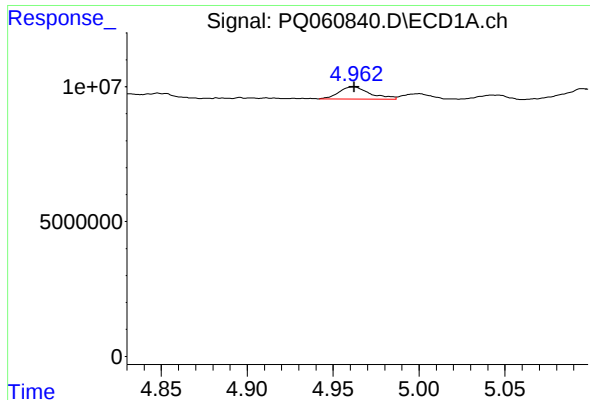
#6 AR-1016-4

R.T.: 4.674 min  
Delta R.T.: 0.000 min  
Response: 5589252  
Conc: 25.84 ng/ml



#6 AR-1016-4

R.T.: 3.992 min  
Delta R.T.: -0.002 min  
Response: 2194449  
Conc: 23.30 ng/ml



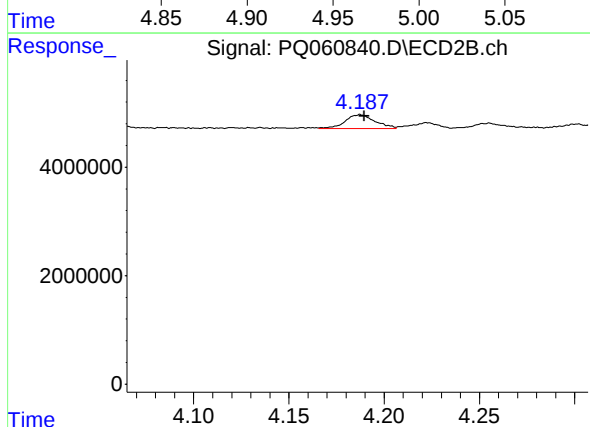
#7 AR-1016-5

R.T.: 4.962 min  
Delta R.T.: 0.000 min  
Response: 5737732  
Conc: 25.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2023

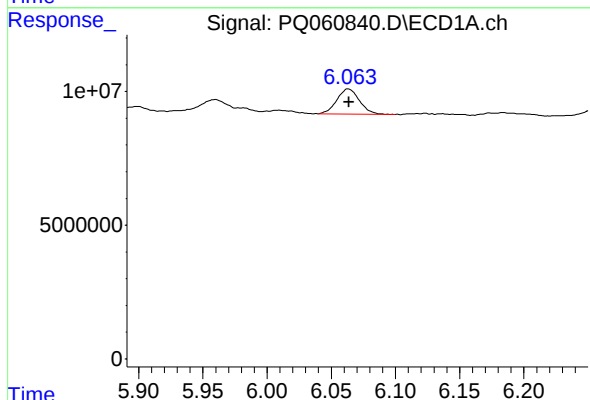
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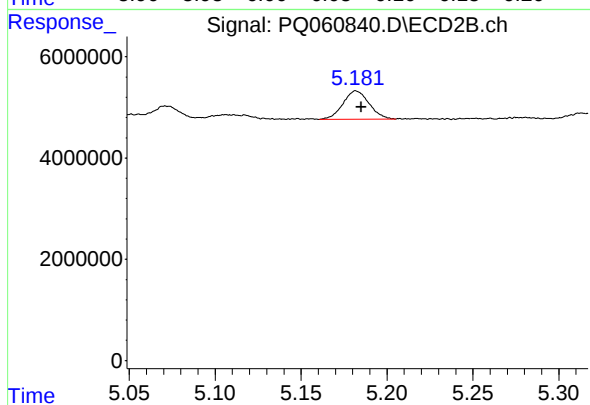
#7 AR-1016-5

R.T.: 4.187 min  
Delta R.T.: -0.002 min  
Response: 2756372  
Conc: 23.38 ng/ml



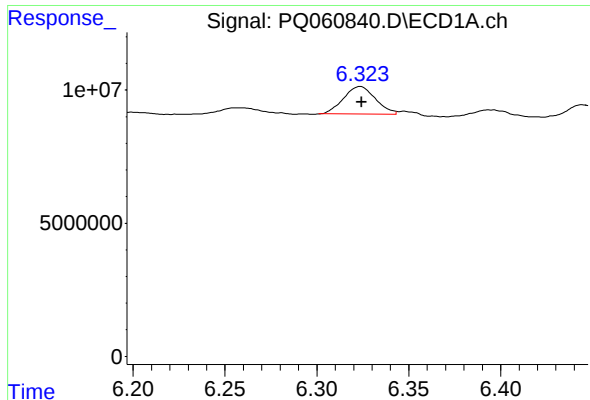
#31 AR-1260-1

R.T.: 6.063 min  
Delta R.T.: 0.000 min  
Response: 11462610  
Conc: 29.81 ng/ml



#31 AR-1260-1

R.T.: 5.182 min  
Delta R.T.: -0.003 min  
Response: 5965976  
Conc: 25.75 ng/ml



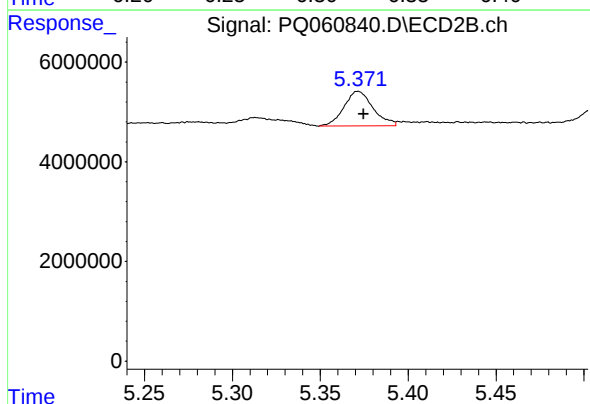
#32 AR-1260-2

R.T.: 6.323 min  
Delta R.T.: -0.001 min  
Response: 12325576  
Conc: 26.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2023

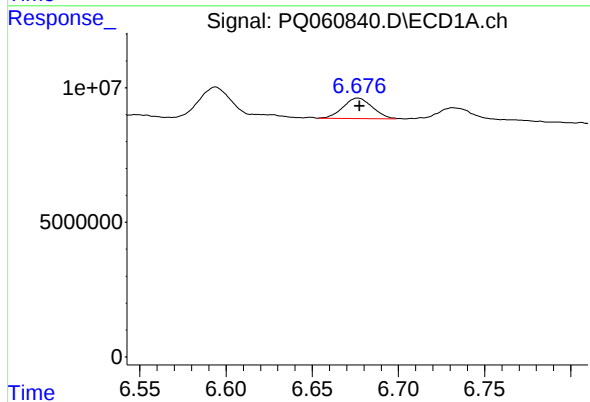
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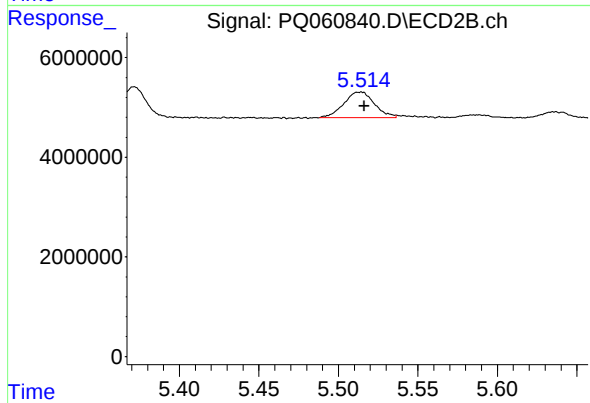
#32 AR-1260-2

R.T.: 5.372 min  
Delta R.T.: -0.003 min  
Response: 8021567  
Conc: 27.99 ng/ml



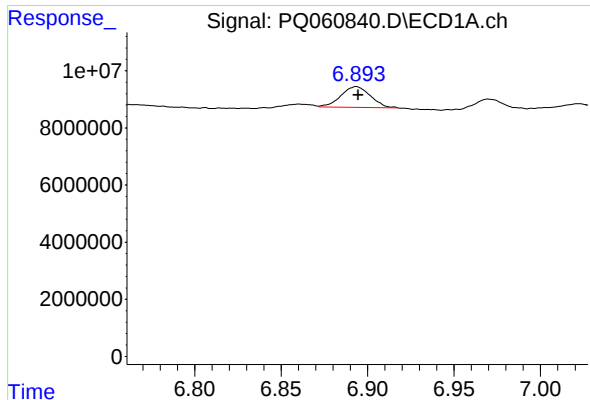
#33 AR-1260-3

R.T.: 6.676 min  
Delta R.T.: -0.002 min  
Response: 8881939  
Conc: 30.68 ng/ml m



#33 AR-1260-3

R.T.: 5.514 min  
Delta R.T.: -0.002 min  
Response: 6847842  
Conc: 25.12 ng/ml m



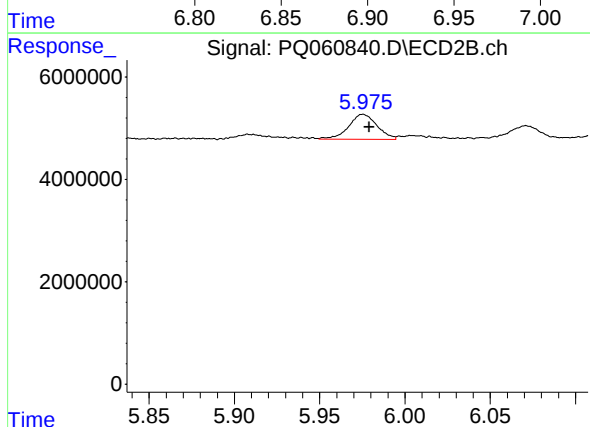
#34 AR-1260-4

R.T.: 6.893 min  
Delta R.T.: -0.002 min  
Response: 8637481  
Conc: 25.08 ng/ml

Instrument :  
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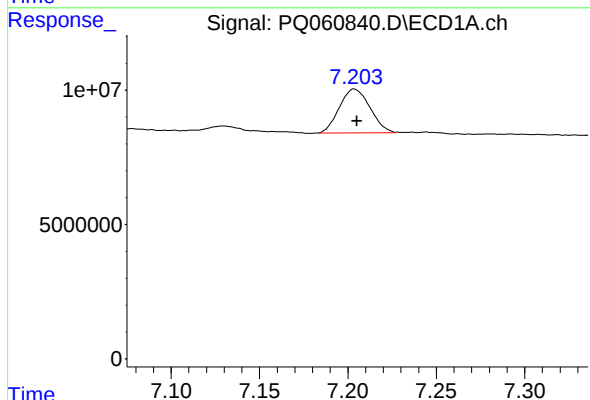
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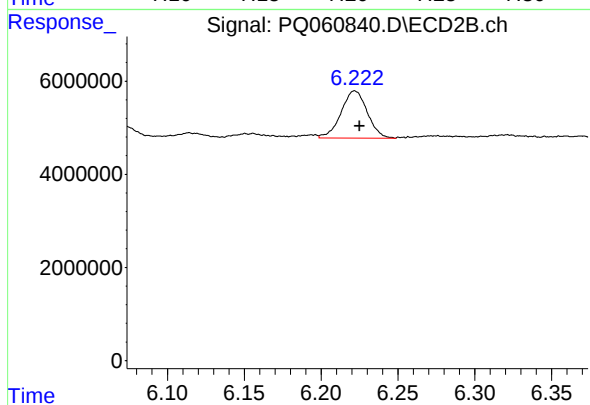
#34 AR-1260-4

R.T.: 5.975 min  
Delta R.T.: -0.004 min  
Response: 5672684  
Conc: 28.05 ng/ml



#35 AR-1260-5

R.T.: 7.203 min  
Delta R.T.: -0.002 min  
Response: 19622304  
Conc: 30.02 ng/ml m



#35 AR-1260-5

R.T.: 6.222 min  
Delta R.T.: -0.003 min  
Response: 12034818  
Conc: 26.01 ng/ml