

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102124\  
 Data File : PQ069201.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2024 16:44  
 Operator : YP\AJ  
 Sample : P4368-01  
 Misc : AR1660 LOD 25 PPB  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024  
 Supervised By :Ankita Jodhani 10/23/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 22 07:29:19 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ102124.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Oct 21 15:35:59 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...          | 3.329 | 2.739 | 173.8E6  | 179.5E6  | 19.264  | 19.881   |
| 2) SA Decachlor...          | 8.451 | 7.475 | 122.0E6  | 181.1E6  | 18.882  | 21.887m  |
| Target Compounds            |       |       |          |          |         |          |
| 3) L1 AR-1016-1             | 4.419 | 3.729 | 6194711  | 8820946  | 24.142m | 31.302m# |
| 4) L1 AR-1016-2             | 4.433 | 3.745 | 12534079 | 12581175 | 28.961m | 30.074   |
| 5) L1 AR-1016-3             | 4.488 | 3.906 | 5750750  | 5854434  | 21.561  | 25.741m  |
| 6) L1 AR-1016-4             | 4.580 | 3.953 | 7087459  | 5536353  | 31.476m | 30.630m  |
| 7) L1 AR-1016-5             | 4.867 | 4.150 | 4379340  | 6905427  | 20.635m | 28.620m# |
| 31) L7 AR-1260-1            | 5.962 | 5.129 | 11243277 | 13169087 | 27.624  | 29.259m  |
| 32) L7 AR-1260-2            | 6.220 | 5.325 | 10979431 | 15225218 | 22.176m | 30.151 # |
| 33) L7 AR-1260-3            | 6.574 | 5.465 | 10824621 | 15432886 | 29.518m | 30.459m  |
| 34) L7 AR-1260-4            | 6.787 | 5.924 | 10013588 | 12508110 | 23.755m | 28.313m  |
| 35) L7 AR-1260-5            | 7.099 | 6.168 | 26553641 | 31740466 | 31.161  | 31.111m  |
| -----                       |       |       |          |          |         |          |

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

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Operator : YP\AJ  
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Misc : AR1660 LOD 25 PPB  
ALS Vial : 17 Sample Multiplier: 1

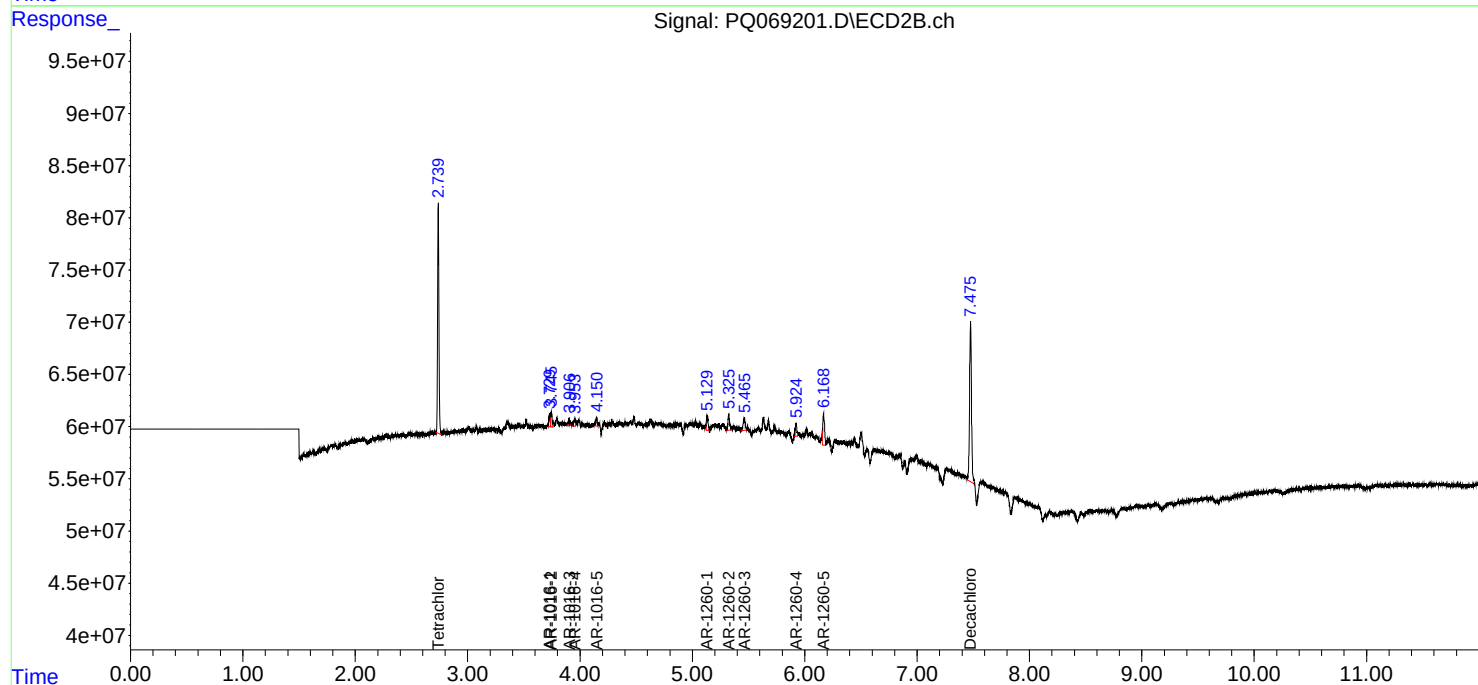
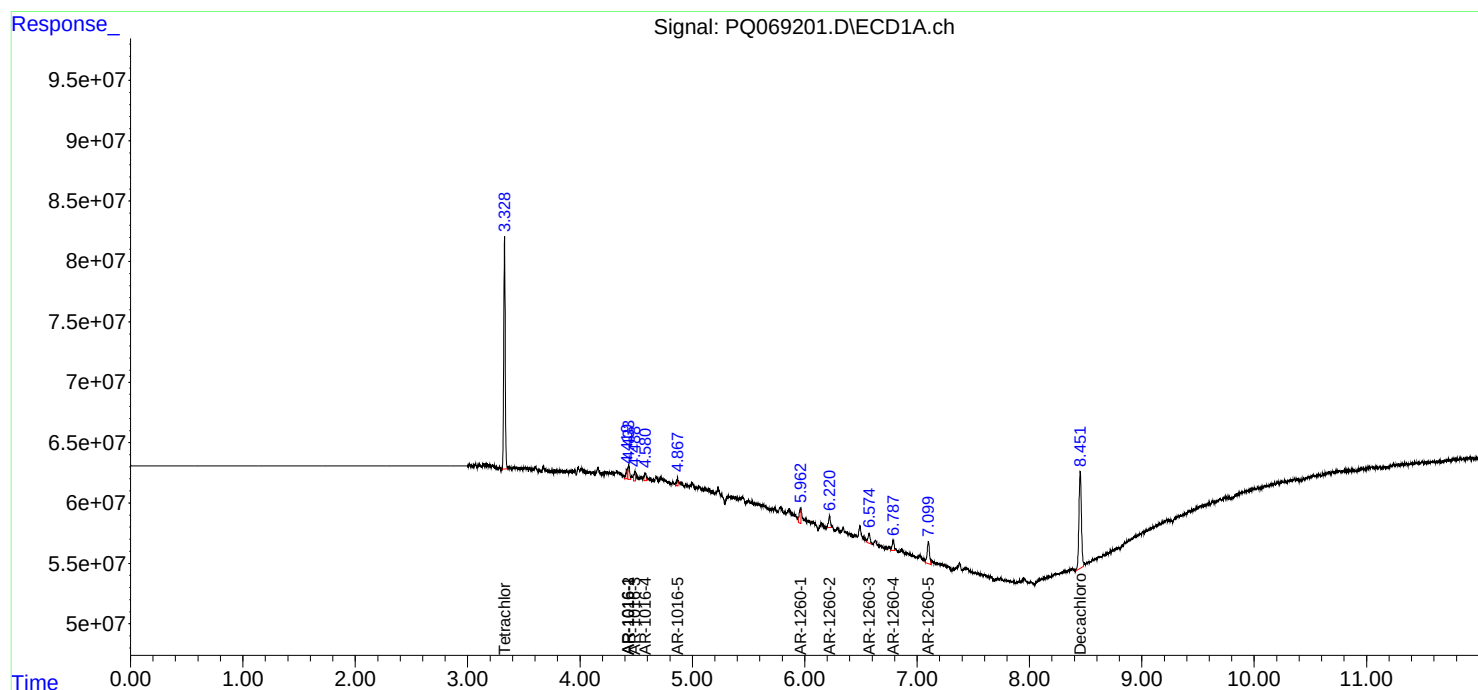
Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2024

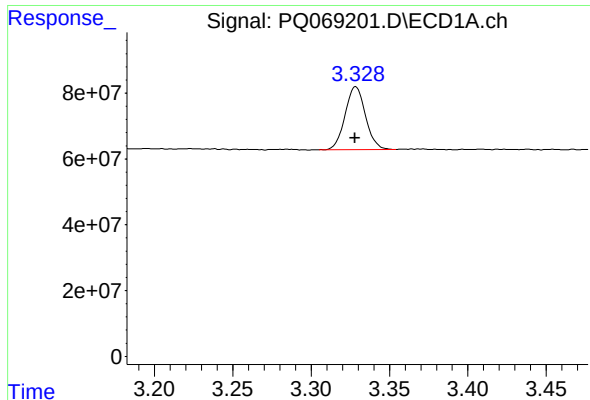
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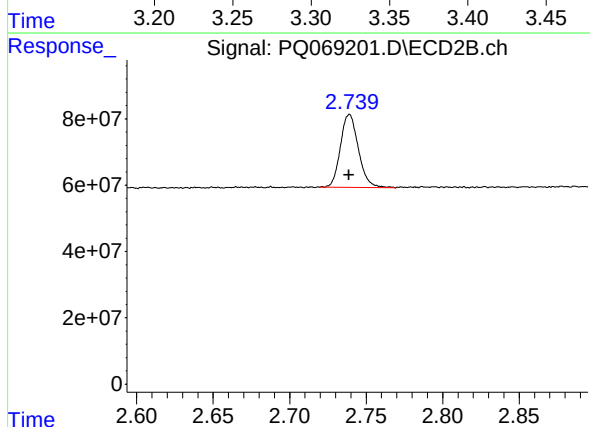
#1 Tetrachloro-m-xylene

R.T.: 3.329 min  
Delta R.T.: 0.000 min  
Response: 173815324  
Conc: 19.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2024

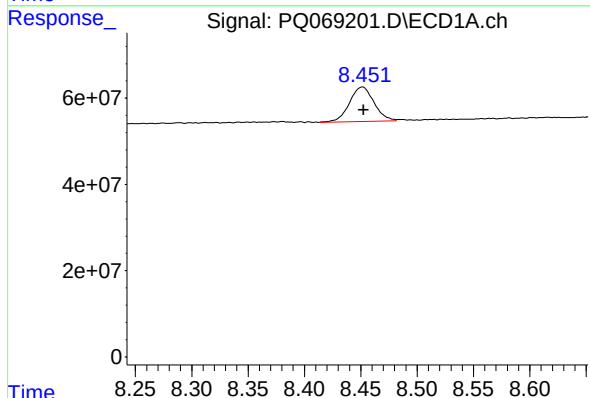
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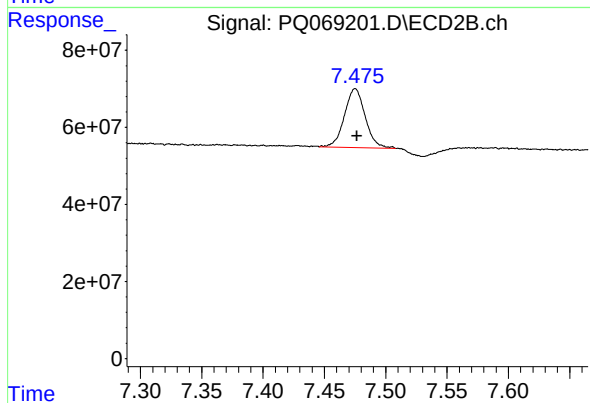
#1 Tetrachloro-m-xylene

R.T.: 2.739 min  
Delta R.T.: 0.000 min  
Response: 179480770  
Conc: 19.88 ng/ml



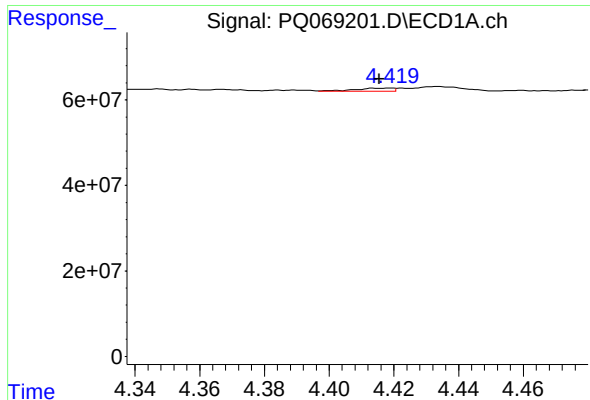
#2 Decachlorobiphenyl

R.T.: 8.451 min  
Delta R.T.: -0.001 min  
Response: 121961061  
Conc: 18.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.475 min  
Delta R.T.: -0.002 min  
Response: 181072625  
Conc: 21.89 ng/ml m



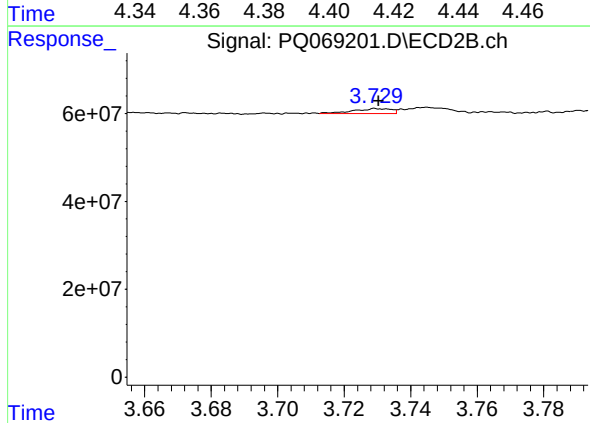
#3 AR-1016-1

R.T.: 4.419 min  
Delta R.T.: 0.003 min  
Response: 6194711  
Conc: 24.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
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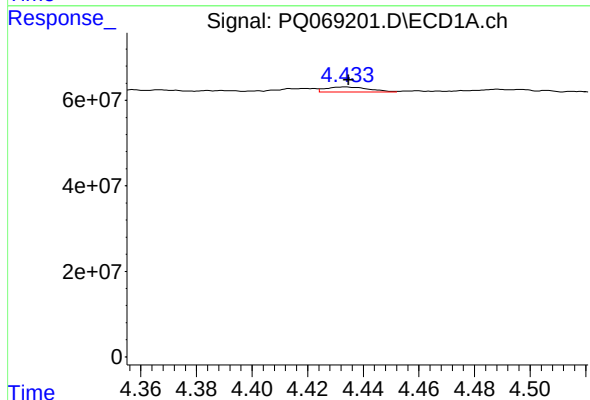
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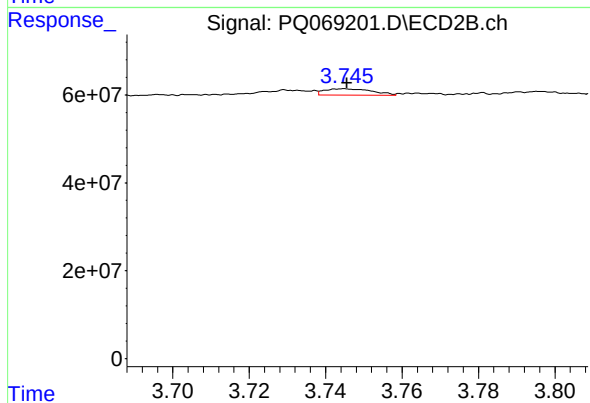
#3 AR-1016-1

R.T.: 3.729 min  
Delta R.T.: -0.002 min  
Response: 8820946  
Conc: 31.30 ng/ml



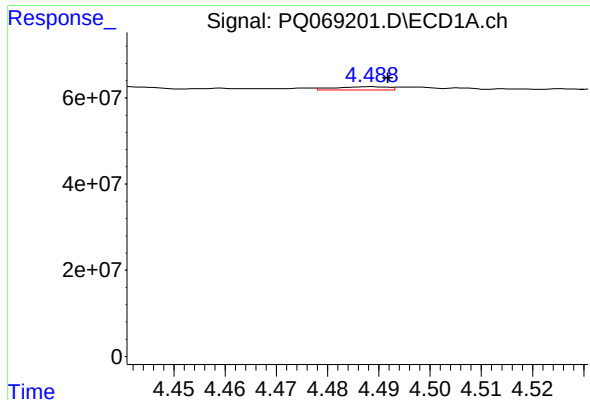
#4 AR-1016-2

R.T.: 4.433 min  
Delta R.T.: -0.001 min  
Response: 12534079  
Conc: 28.96 ng/ml



#4 AR-1016-2

R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 12581175  
Conc: 30.07 ng/ml



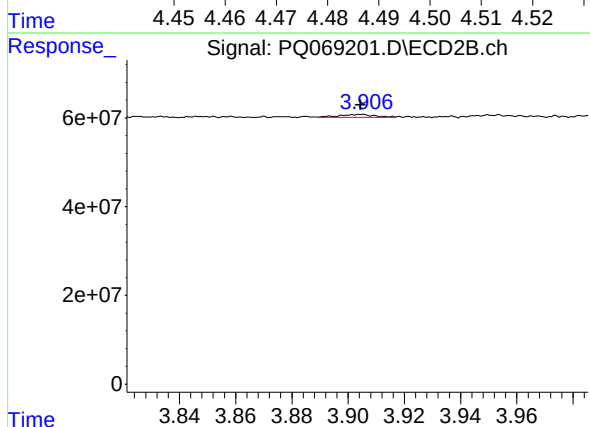
#5 AR-1016-3

R.T.: 4.488 min  
Delta R.T.: -0.003 min  
Response: 5750750  
Conc: 21.56 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2024

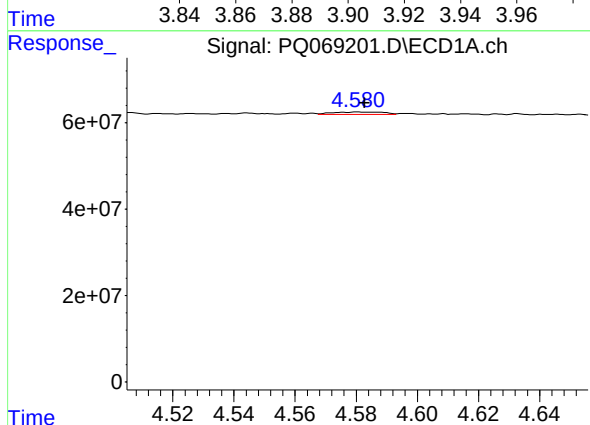
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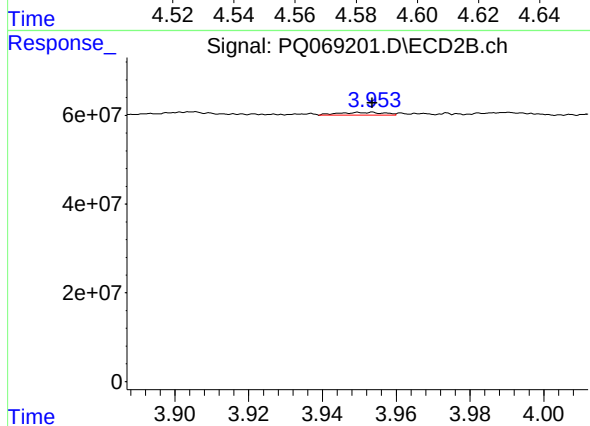
#5 AR-1016-3

R.T.: 3.906 min  
Delta R.T.: 0.001 min  
Response: 5854434  
Conc: 25.74 ng/ml



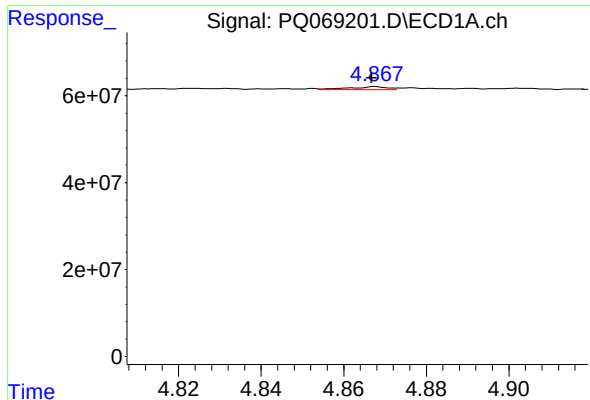
#6 AR-1016-4

R.T.: 4.580 min  
Delta R.T.: -0.003 min  
Response: 7087459  
Conc: 31.48 ng/ml



#6 AR-1016-4

R.T.: 3.953 min  
Delta R.T.: 0.000 min  
Response: 5536353  
Conc: 30.63 ng/ml



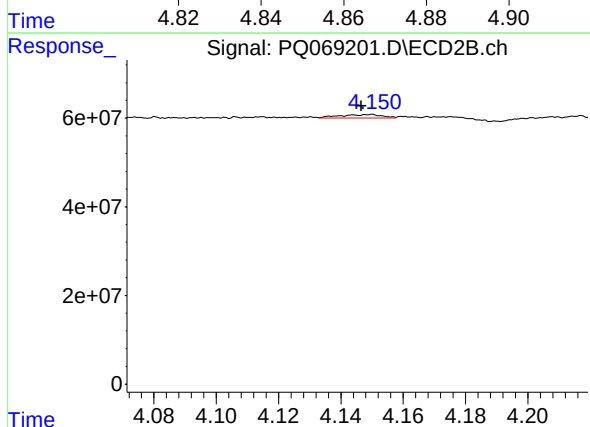
#7 AR-1016-5

R.T.: 4.867 min  
Delta R.T.: 0.000 min  
Response: 4379340  
Conc: 20.64 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2024

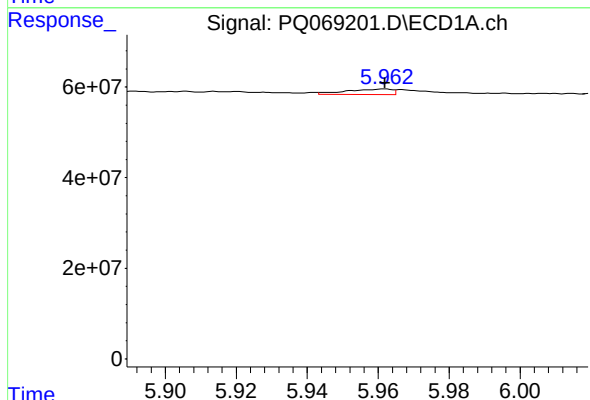
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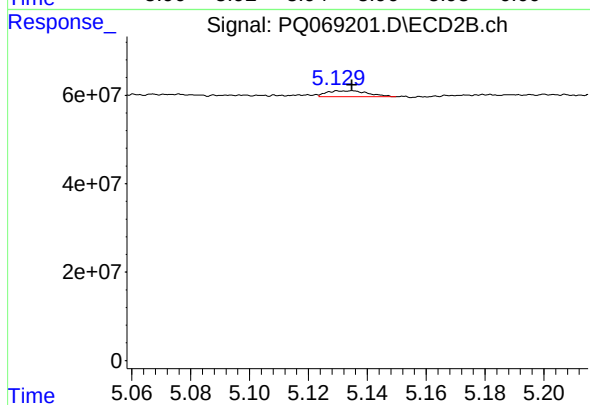
#7 AR-1016-5

R.T.: 4.150 min  
Delta R.T.: 0.003 min  
Response: 6905427  
Conc: 28.62 ng/ml m



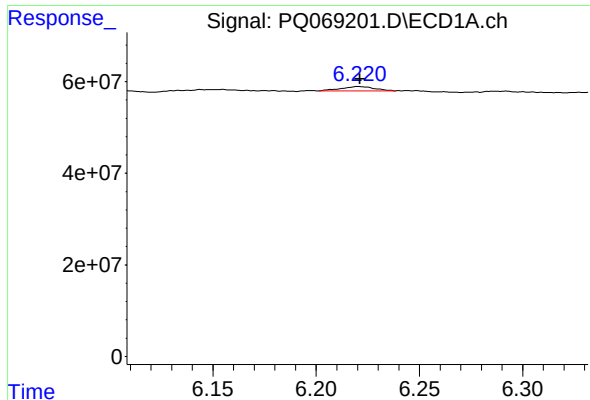
#31 AR-1260-1

R.T.: 5.962 min  
Delta R.T.: 0.000 min  
Response: 11243277  
Conc: 27.62 ng/ml



#31 AR-1260-1

R.T.: 5.129 min  
Delta R.T.: -0.006 min  
Response: 13169087  
Conc: 29.26 ng/ml m



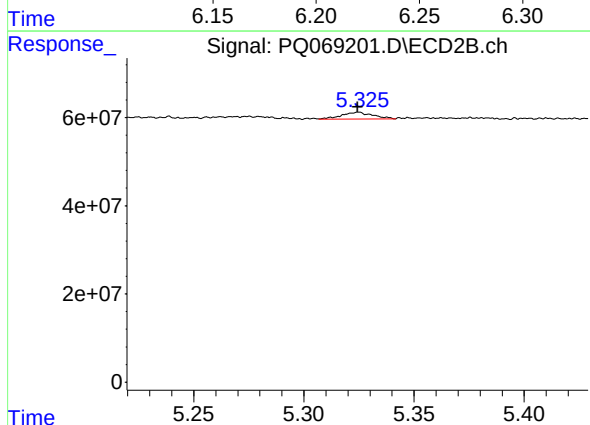
#32 AR-1260-2

R.T.: 6.220 min  
Delta R.T.: -0.002 min  
Response: 10979431  
Conc: 22.18 ng/ml

Instrument :  
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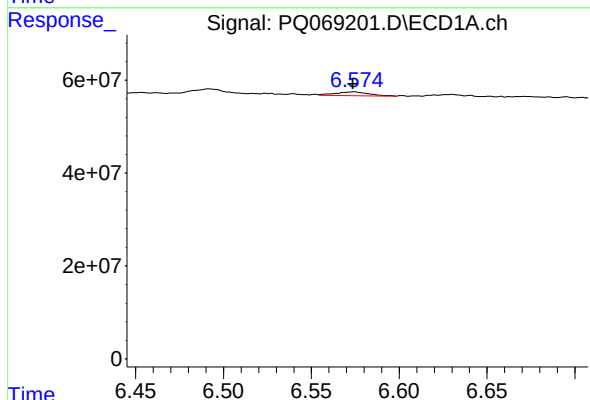
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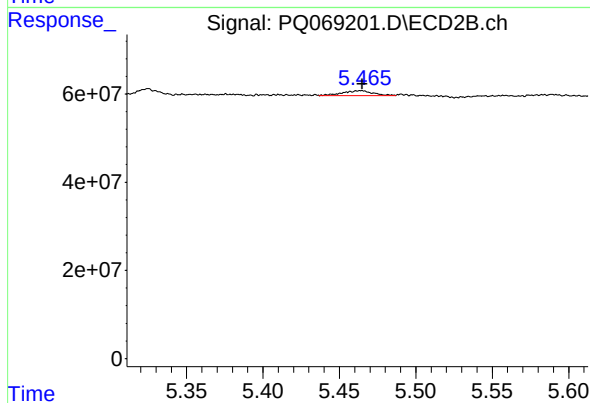
#32 AR-1260-2

R.T.: 5.325 min  
Delta R.T.: 0.000 min  
Response: 15225218  
Conc: 30.15 ng/ml



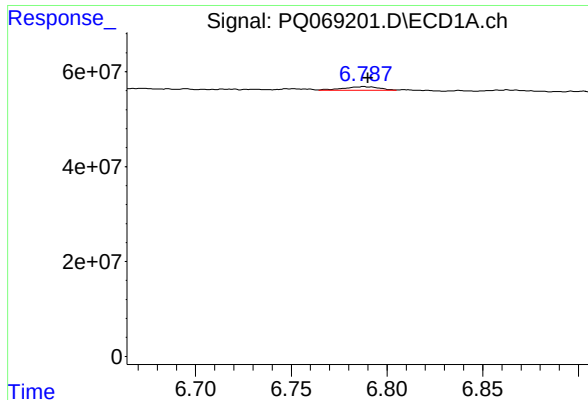
#33 AR-1260-3

R.T.: 6.574 min  
Delta R.T.: 0.000 min  
Response: 10824621  
Conc: 29.52 ng/ml m



#33 AR-1260-3

R.T.: 5.465 min  
Delta R.T.: 0.000 min  
Response: 15432886  
Conc: 30.46 ng/ml m



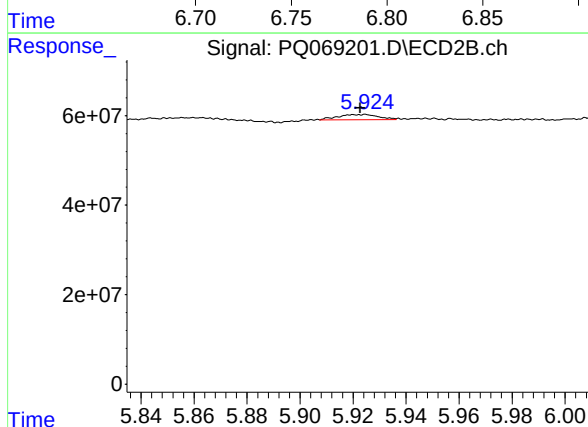
#34 AR-1260-4

R.T.: 6.787 min  
Delta R.T.: -0.003 min  
Response: 10013588  
Conc: 23.76 ng/ml

Instrument :  
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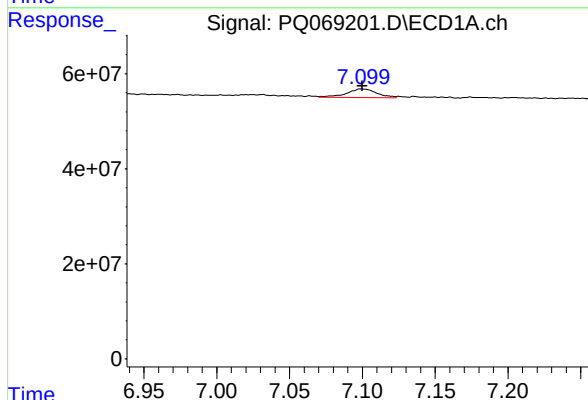
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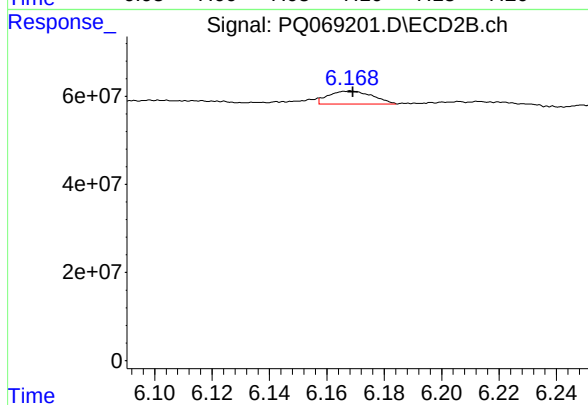
#34 AR-1260-4

R.T.: 5.924 min  
Delta R.T.: 0.002 min  
Response: 12508110  
Conc: 28.31 ng/ml



#35 AR-1260-5

R.T.: 7.099 min  
Delta R.T.: 0.000 min  
Response: 26553641  
Conc: 31.16 ng/ml



#35 AR-1260-5

R.T.: 6.168 min  
Delta R.T.: -0.001 min  
Response: 31740466  
Conc: 31.11 ng/ml