

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102124\
 Data File : PQ069244.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2024 03:09
 Operator : YP\AJ
 Sample : P4368-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 52 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 05:03:04 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...	3.328	2.738	145.9E6	185.4E6	16.176	20.532 #
2) SA Decachlor...	8.452	7.475	111.3E6	185.1E6	17.238	22.376 #
Target Compounds						
3) L1 AR-1016-1	4.416	3.730	9070185	13907938	35.348	49.353 #
4) L1 AR-1016-2	4.436	3.744	19402313	15416237	44.830	36.850
5) L1 AR-1016-3	4.489	3.904	9140442	10335209	34.270m	45.443m#
6) L1 AR-1016-4	4.582	3.953	12128044	7787429	53.861	43.084m
7) L1 AR-1016-5	4.866	4.143	8770580	11941484	41.327m	49.491m
31) L7 AR-1260-1	5.961	5.131	19488376	24029616	47.882	53.388m
32) L7 AR-1260-2	6.221	5.324	27236410	25199752	55.011m	49.904
33) L7 AR-1260-3	6.573	5.463	16254429	23279924	44.325	45.946
34) L7 AR-1260-4	6.792	5.924	17472378	24862232	41.450	56.278 #
35) L7 AR-1260-5	7.100	6.168	31952719	51176487	37.497	50.161 #

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

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ALS Vial : 52 Sample Multiplier: 1

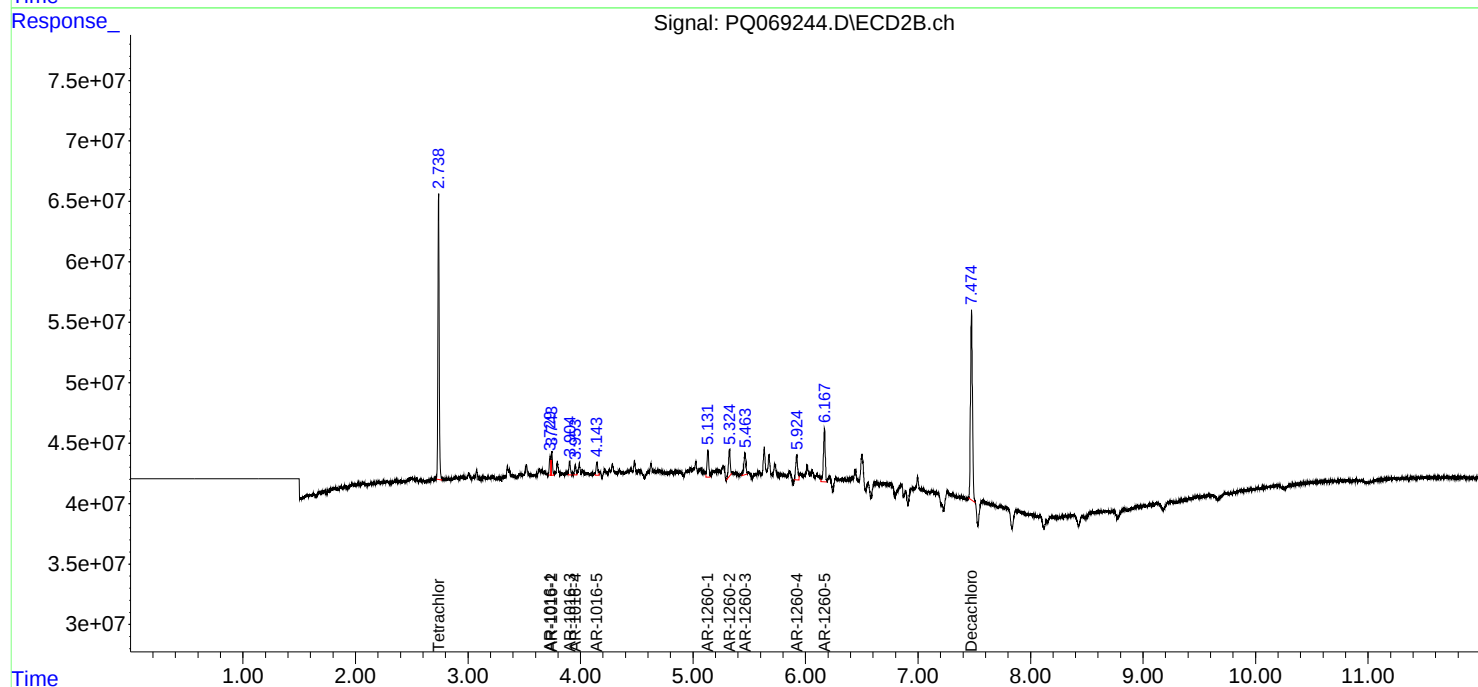
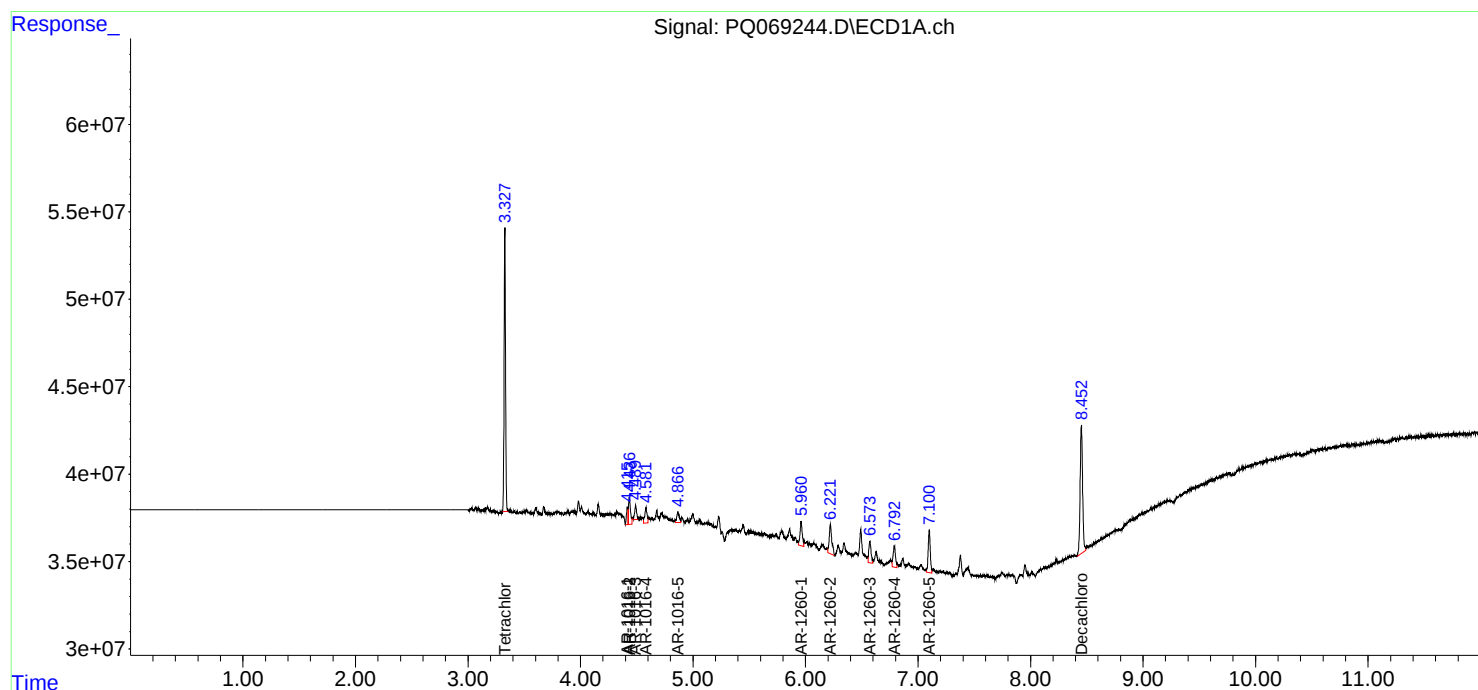
Instrument :
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ClientSampleId :
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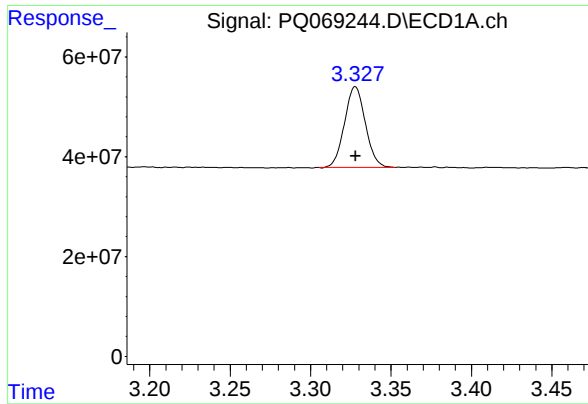
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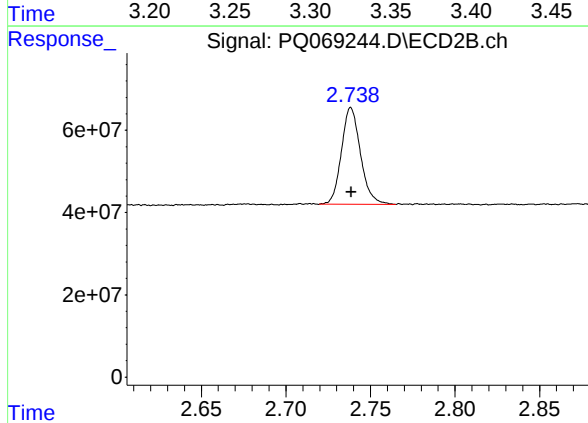
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 145948867
Conc: 16.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

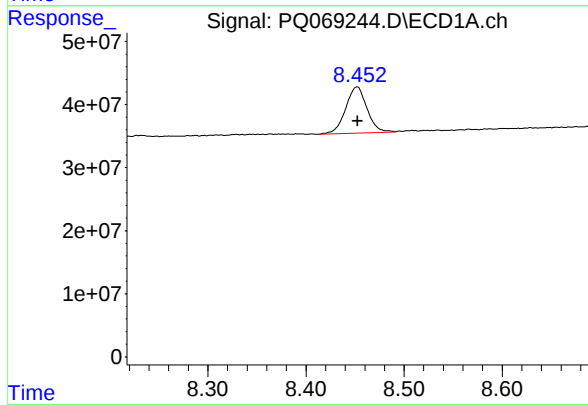
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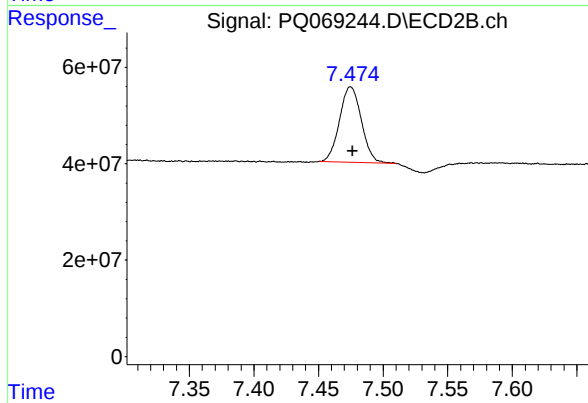
#1 Tetrachloro-m-xylene

R.T.: 2.738 min
Delta R.T.: 0.000 min
Response: 185354795
Conc: 20.53 ng/ml



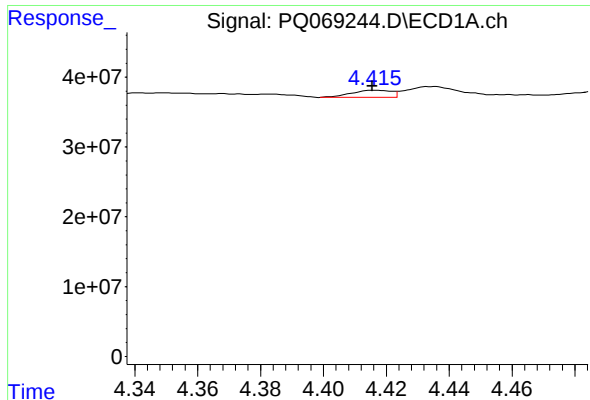
#2 Decachlorobiphenyl

R.T.: 8.452 min
Delta R.T.: 0.000 min
Response: 111340550
Conc: 17.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.475 min
Delta R.T.: -0.002 min
Response: 185117761
Conc: 22.38 ng/ml



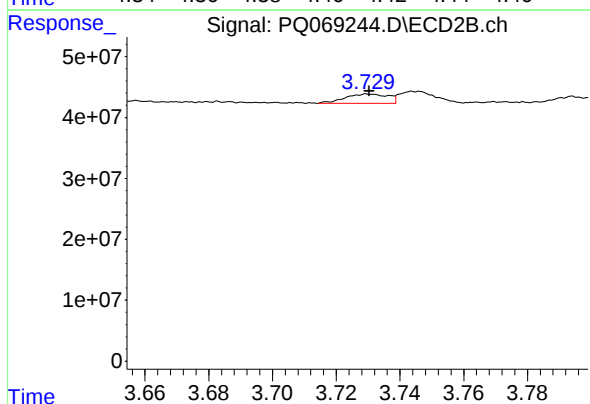
#3 AR-1016-1

R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 9070185
Conc: 35.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

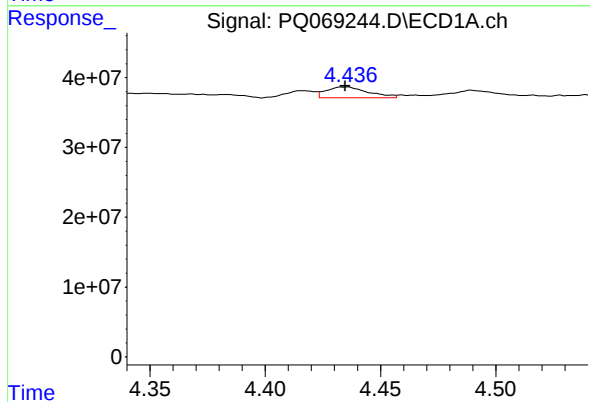
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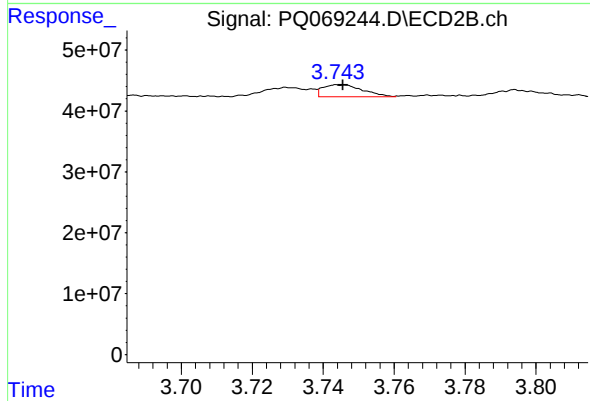
#3 AR-1016-1

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 13907938
Conc: 49.35 ng/ml



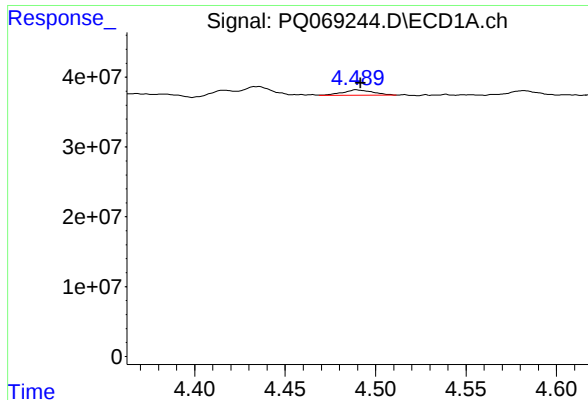
#4 AR-1016-2

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 19402313
Conc: 44.83 ng/ml



#4 AR-1016-2

R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 15416237
Conc: 36.85 ng/ml



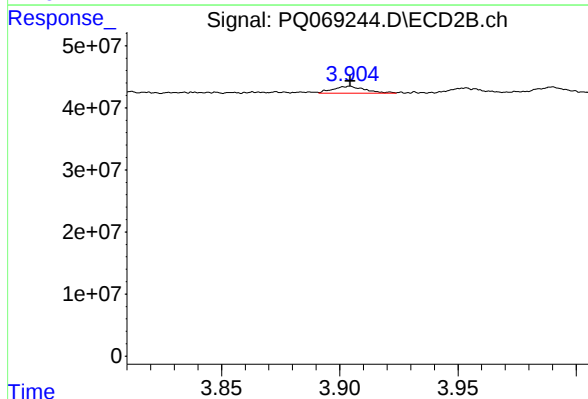
#5 AR-1016-3

R.T.: 4.489 min
Delta R.T.: -0.003 min
Response: 9140442
Conc: 34.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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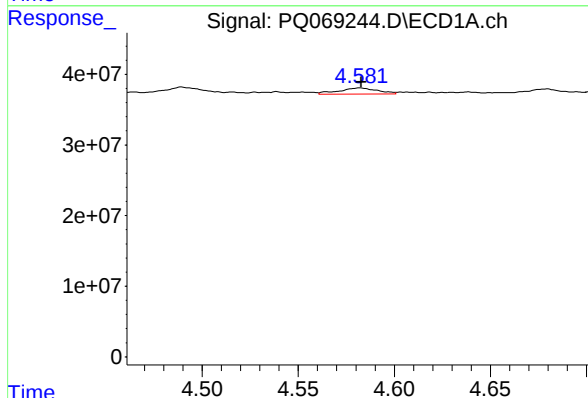
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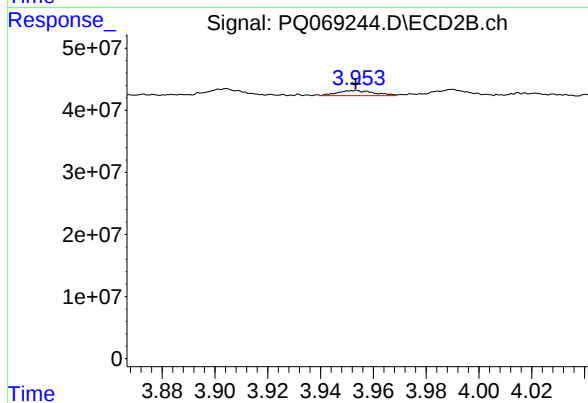
#5 AR-1016-3

R.T.: 3.904 min
Delta R.T.: 0.000 min
Response: 10335209
Conc: 45.44 ng/ml m



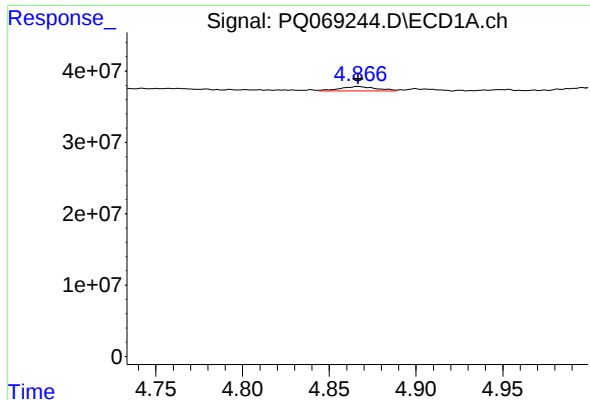
#6 AR-1016-4

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 12128044
Conc: 53.86 ng/ml



#6 AR-1016-4

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 7787429
Conc: 43.08 ng/ml m



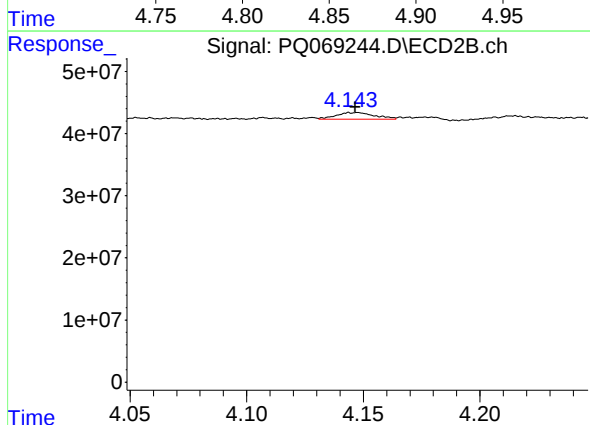
#7 AR-1016-5

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 8770580
Conc: 41.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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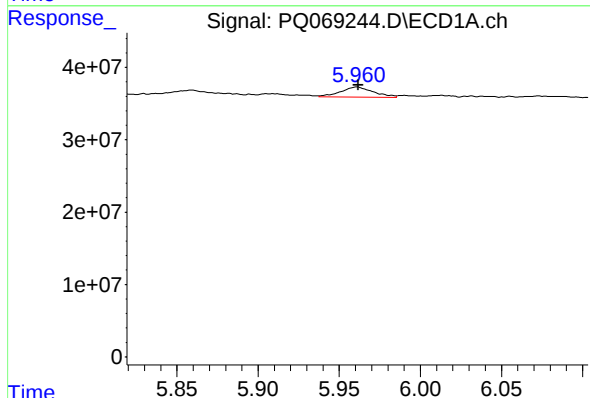
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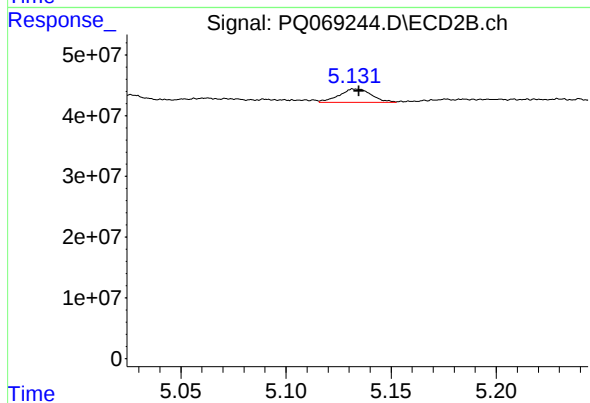
#7 AR-1016-5

R.T.: 4.143 min
Delta R.T.: -0.003 min
Response: 11941484
Conc: 49.49 ng/ml m



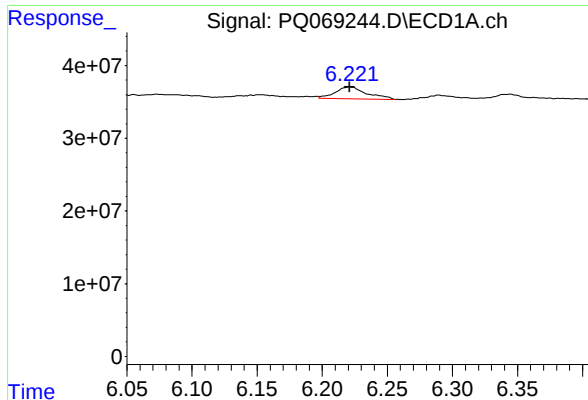
#31 AR-1260-1

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 19488376
Conc: 47.88 ng/ml



#31 AR-1260-1

R.T.: 5.131 min
Delta R.T.: -0.004 min
Response: 24029616
Conc: 53.39 ng/ml m



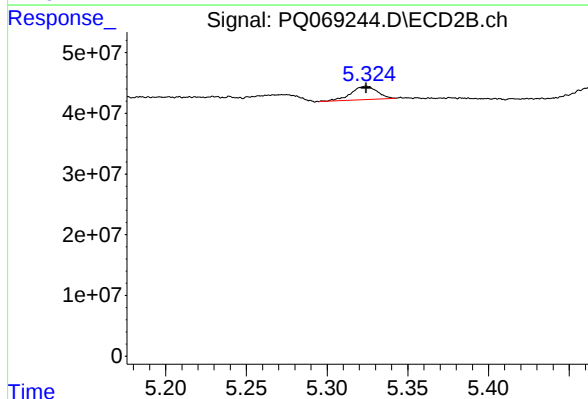
#32 AR-1260-2

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 27236410
Conc: 55.01 ng/ml

Instrument : ECD_Q
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

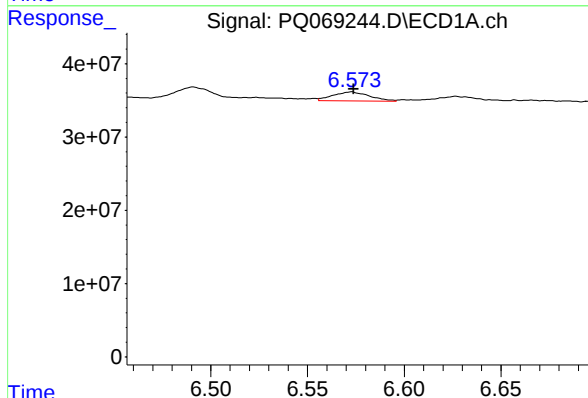
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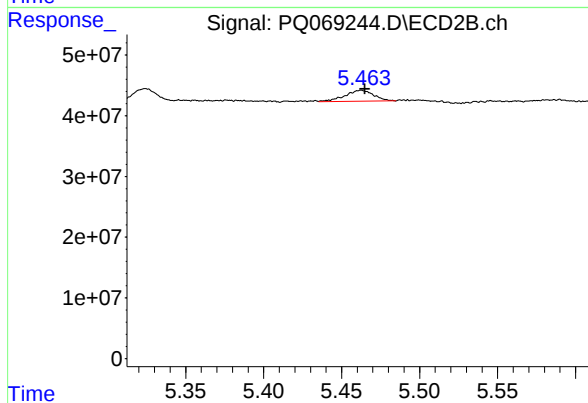
#32 AR-1260-2

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 25199752
Conc: 49.90 ng/ml



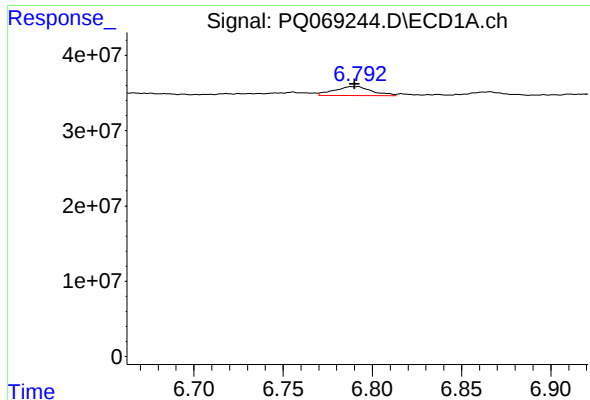
#33 AR-1260-3

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 16254429
Conc: 44.32 ng/ml



#33 AR-1260-3

R.T.: 5.463 min
Delta R.T.: -0.002 min
Response: 23279924
Conc: 45.95 ng/ml



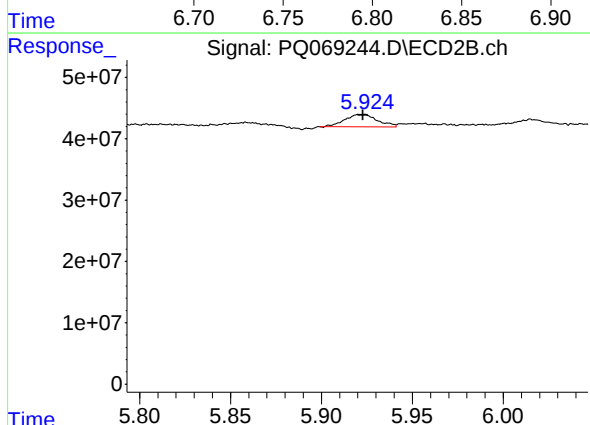
#34 AR-1260-4

R.T.: 6.792 min
Delta R.T.: 0.002 min
Response: 17472378
Conc: 41.45 ng/ml

Instrument : ECD_Q
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

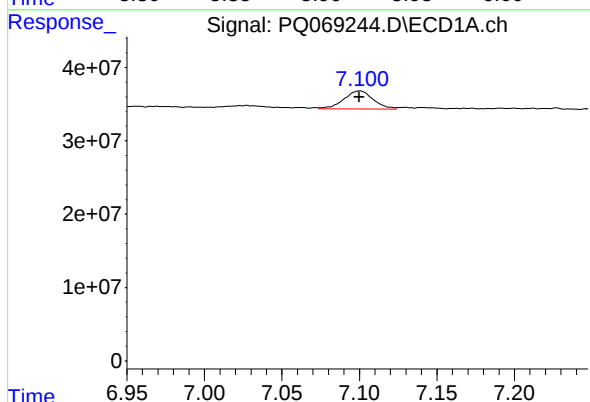
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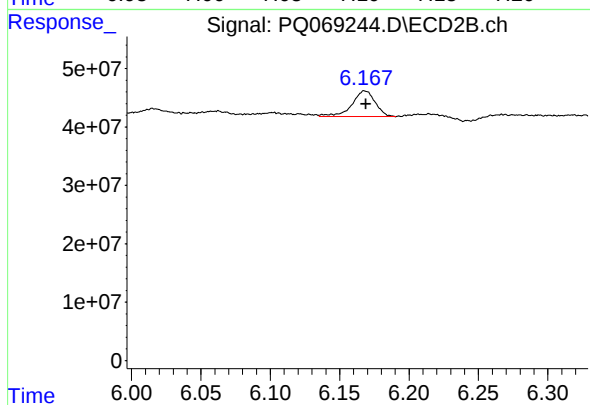
#34 AR-1260-4

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 24862232
Conc: 56.28 ng/ml



#35 AR-1260-5

R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 31952719
Conc: 37.50 ng/ml



#35 AR-1260-5

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 51176487
Conc: 50.16 ng/ml