

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110419\
 Data File : PQ044748.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2019 09:58
 Operator : SM\AJ
 Sample : K5111-01
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 11:19:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 04 02:17:09 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...	5.281	4.316	155.4E6	71538843	20.878	19.953
2) SA Decachlor...	11.500	9.728	141.8E6	174.6E6	21.441	21.951
Target Compounds						
3) L1 AR-1016-1	6.598	5.595	8128084	4909533	36.200	34.977
4) L1 AR-1016-2	6.622	5.616	12144550	6600402	35.980	32.145
5) L1 AR-1016-3	6.689	5.813	8300061	3371756	38.264	31.385
6) L1 AR-1016-4	6.797	5.860	5699008	2747973	32.951	29.037
7) L1 AR-1016-5	7.112	6.094	5393724	3500435	29.869	28.024
8) L2 AR-1221-1	5.526	4.579	4011281	1855274	52.063	48.547
9) L2 AR-1221-2	5.629	4.681	5052976	2261749	88.063	75.757
10) L2 AR-1221-3	5.713	4.772	12052075	6132525	68.517	63.434
11) L3 AR-1232-1	5.713	4.772	12052075	6132525	50.500	47.855
12) L3 AR-1232-2	6.305	5.616	6020505	6600402	48.143	44.640
13) L3 AR-1232-3	6.622	5.813	12144550	3371756	50.351	44.001
14) L3 AR-1232-4	6.797	5.905	5699008	3392848	46.189	46.593
15) L3 AR-1232-5	6.893	6.094	4061083	3500435	43.176	44.298
16) L4 AR-1242-1	6.598	5.595	8128084	4909533	50.380	43.977
17) L4 AR-1242-2	6.622	5.616	12144550	6600402	48.558	42.040
18) L4 AR-1242-3	6.689	5.813	8300061	3371756	52.628	40.058
19) L4 AR-1242-4	6.797	5.905	5699008	3392848	44.988	39.740
20) L4 AR-1242-5	7.580	6.475	5666086	4098893	40.742	33.556
21) L5 AR-1248-1	6.598	5.595	8128084	4909533	62.977	58.411
22) L5 AR-1248-2	6.893	5.860	4061083	2747973	22.051	22.844
23) L5 AR-1248-3	7.112	5.905	5393724	3392848	26.464	27.581
24) L5 AR-1248-4	7.540	6.094	5499759	3500435	24.222	23.414
25) L5 AR-1248-5	7.580	6.519	5666086	3523717	25.051	22.352
26) L6 AR-1254-1	7.510	6.475	4041971	4098893	17.243	16.392
27) L6 AR-1254-2	7.745	6.705	4179175	2893988	11.500	12.823
28) L6 AR-1254-3	8.127	7.060	1925680	1774018	5.001	4.424
43) L9 AR-1268-3	0.000	8.846	0	1592155	N.D.	2.061 #
45) L9 AR-1268-5	0.000	9.457	0	1221844	N.D.	0.418 #

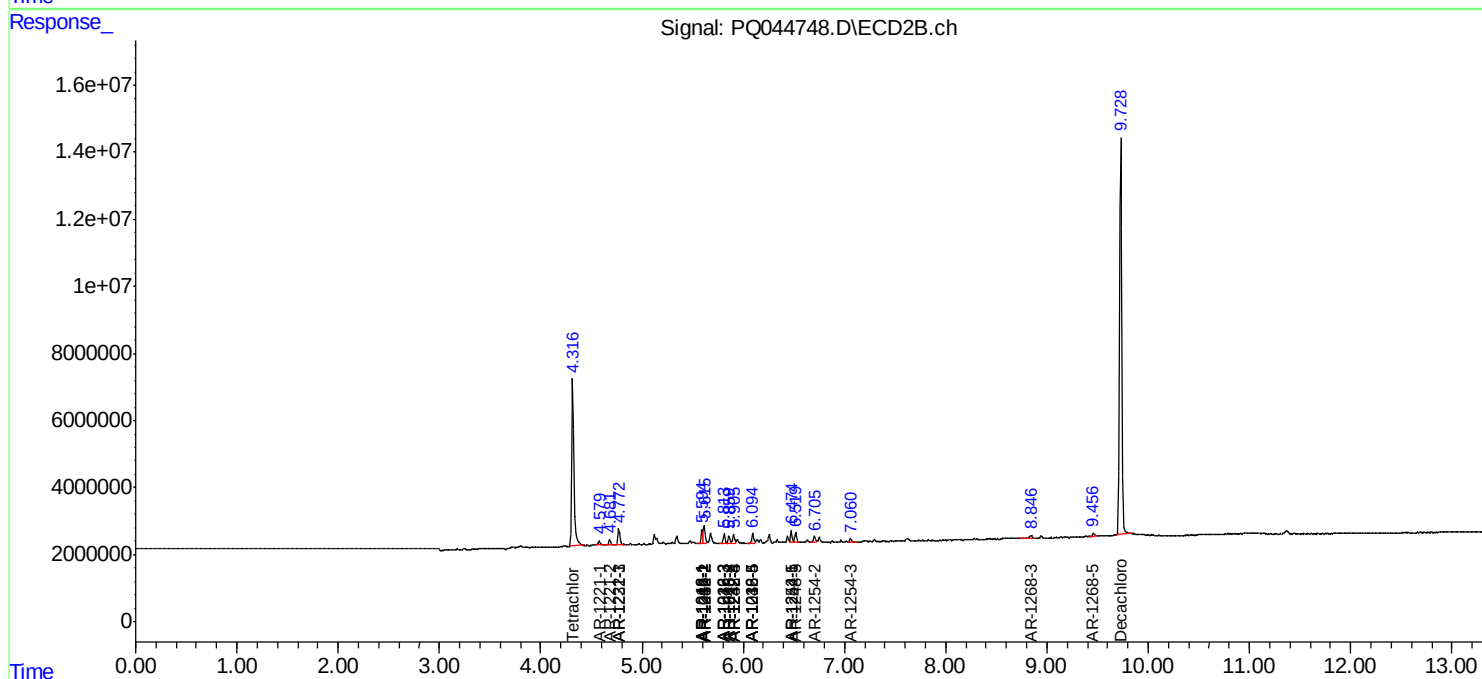
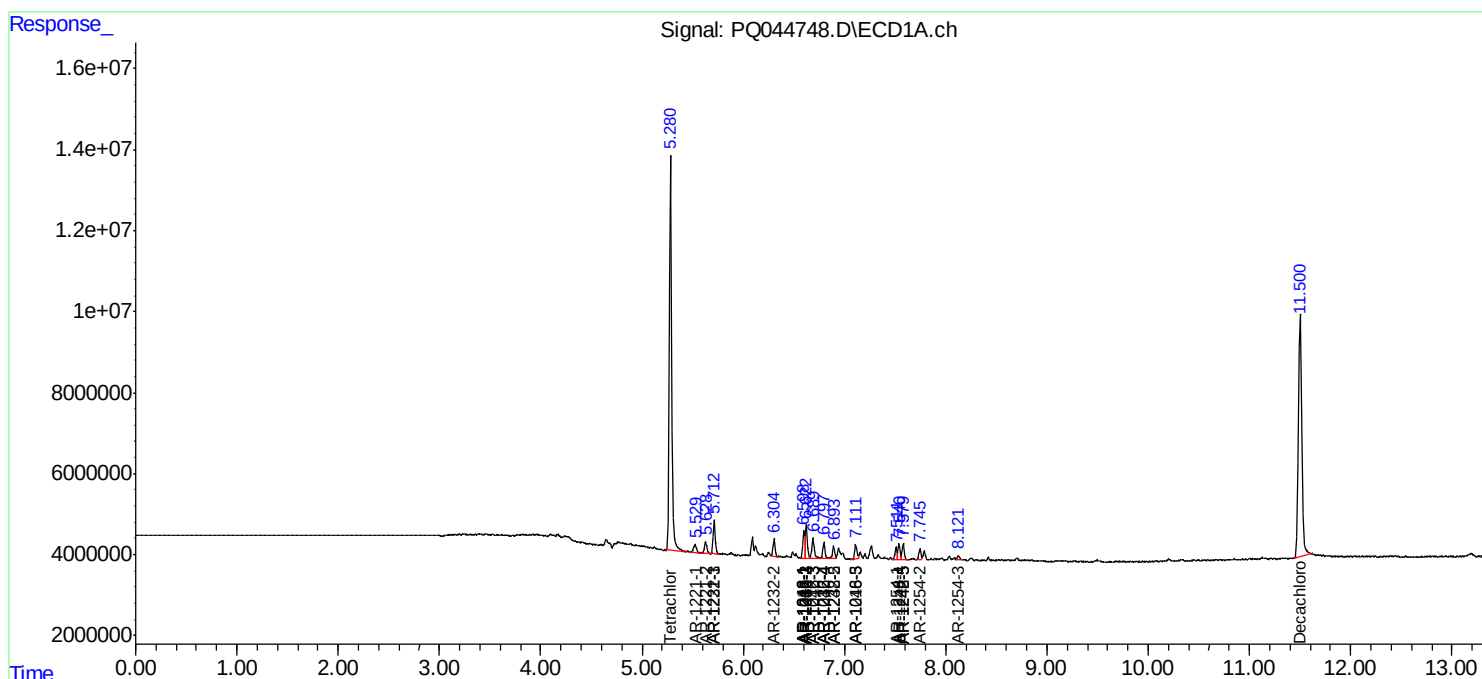
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

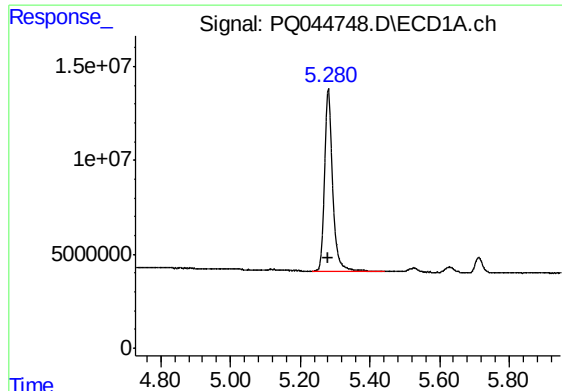
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110419\
Data File : PQ044748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2019 09:58
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Sample : K5111-01
Misc : AR1232 LOD 40 PPB
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Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e
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Quant Time: Nov 04 11:19:31 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110219.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 04 02:17:09 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

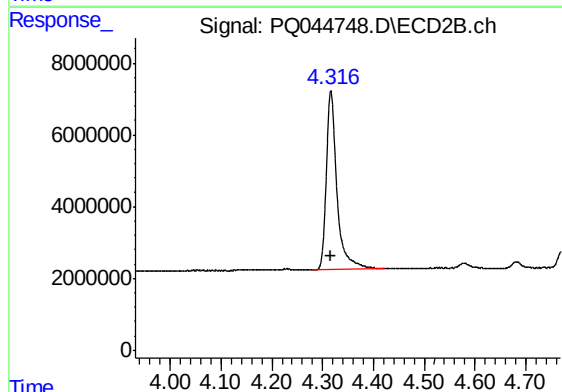




#1 Tetrachloro-m-xylene

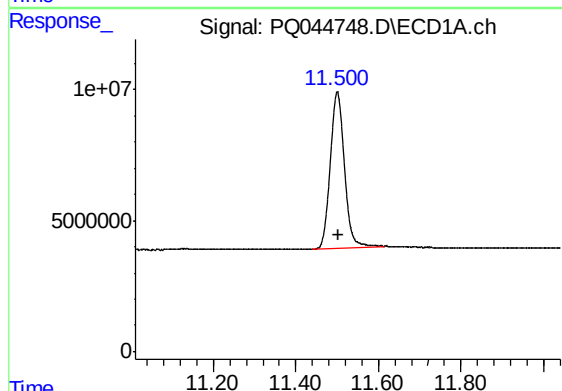
R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 155441269
Conc: 20.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



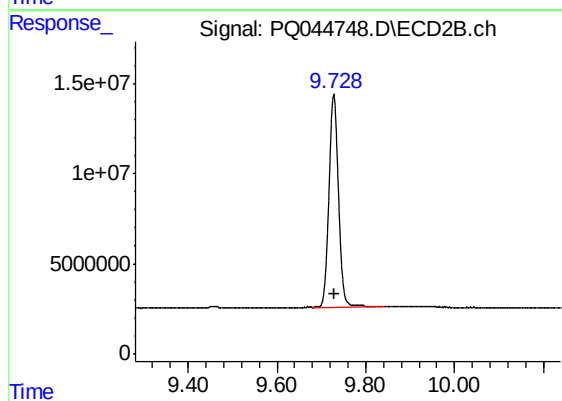
#1 Tetrachloro-m-xylene

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 71538843
Conc: 19.95 ng/ml



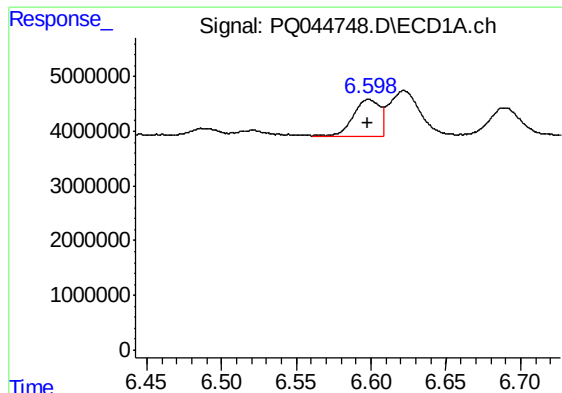
#2 Decachlorobiphenyl

R.T.: 11.500 min
Delta R.T.: -0.002 min
Response: 141763942
Conc: 21.44 ng/ml



#2 Decachlorobiphenyl

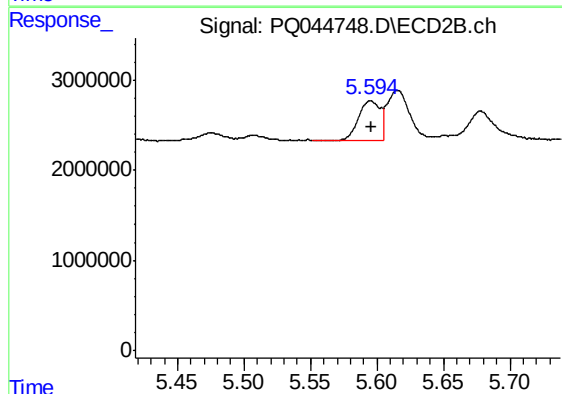
R.T.: 9.728 min
Delta R.T.: -0.002 min
Response: 174634520
Conc: 21.95 ng/ml



#3 AR-1016-1

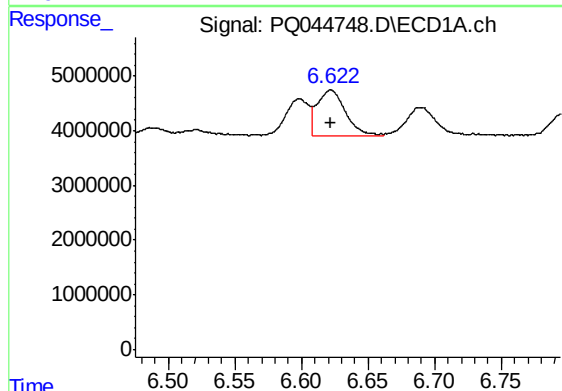
R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 8128084
Conc: 36.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



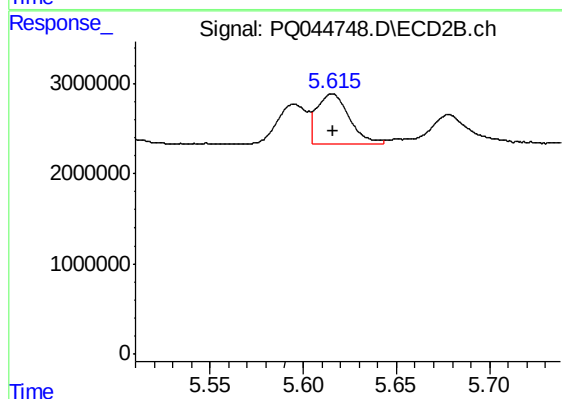
#3 AR-1016-1

R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 4909533
Conc: 34.98 ng/ml



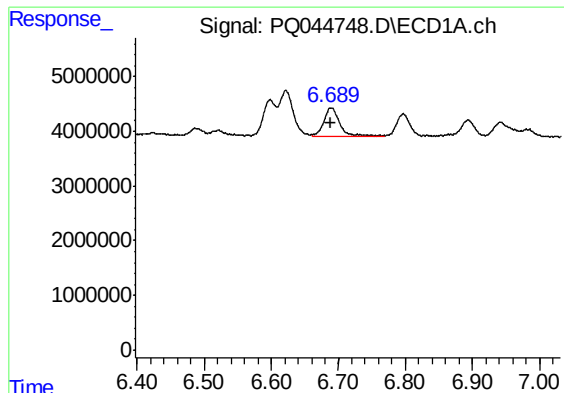
#4 AR-1016-2

R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 12144550
Conc: 35.98 ng/ml



#4 AR-1016-2

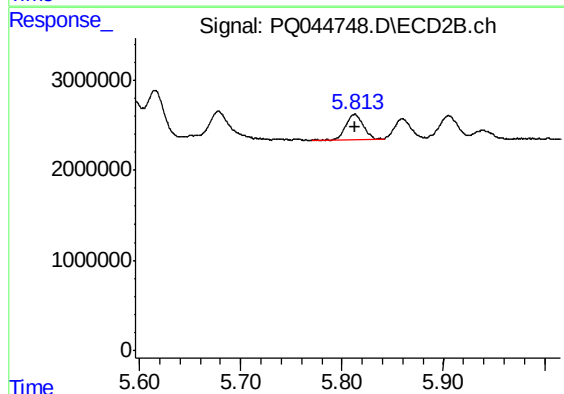
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 6600402
Conc: 32.15 ng/ml



#5 AR-1016-3

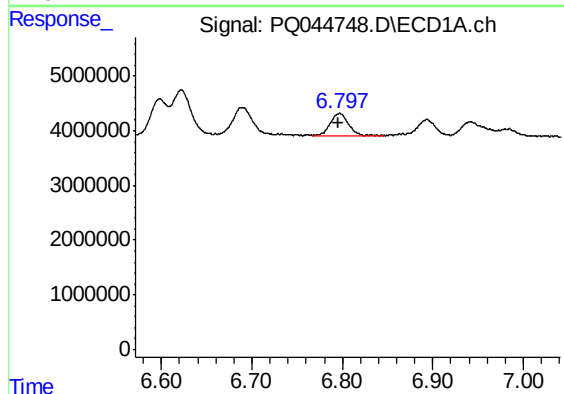
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 8300061
Conc: 38.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



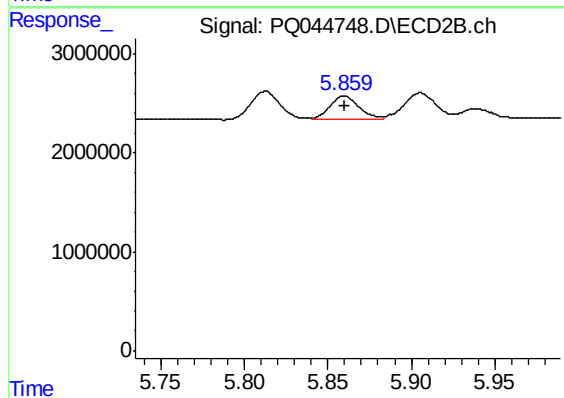
#5 AR-1016-3

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 3371756
Conc: 31.39 ng/ml



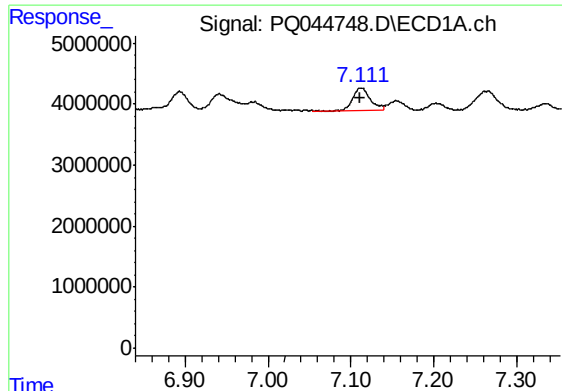
#6 AR-1016-4

R.T.: 6.797 min
Delta R.T.: 0.001 min
Response: 5699008
Conc: 32.95 ng/ml



#6 AR-1016-4

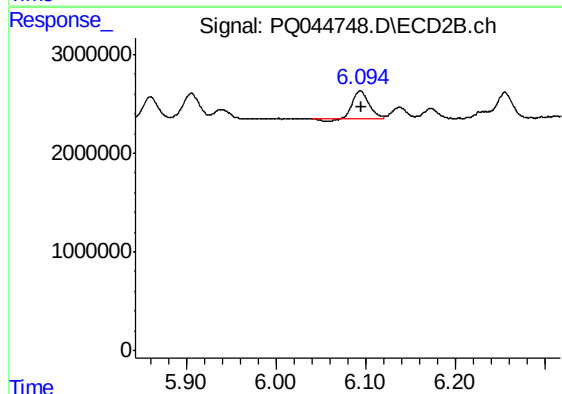
R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 2747973
Conc: 29.04 ng/ml



#7 AR-1016-5

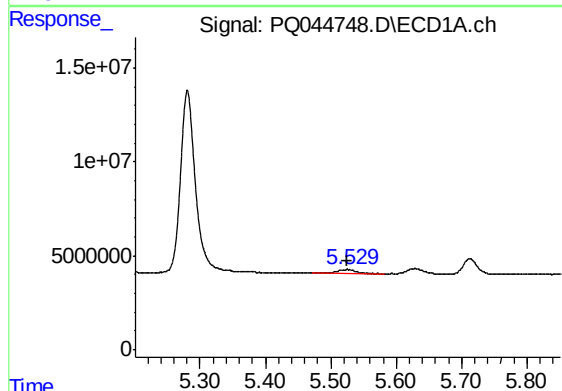
R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 5393724
Conc: 29.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



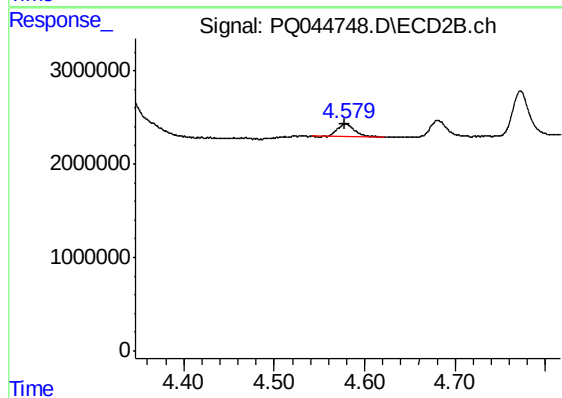
#7 AR-1016-5

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 3500435
Conc: 28.02 ng/ml



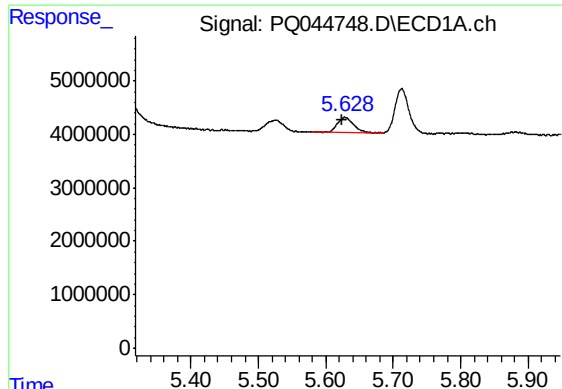
#8 AR-1221-1

R.T.: 5.526 min
Delta R.T.: 0.001 min
Response: 4011281
Conc: 52.06 ng/ml



#8 AR-1221-1

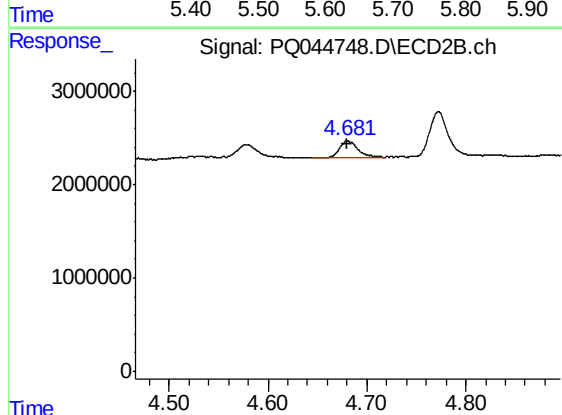
R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 1855274
Conc: 48.55 ng/ml



#9 AR-1221-2

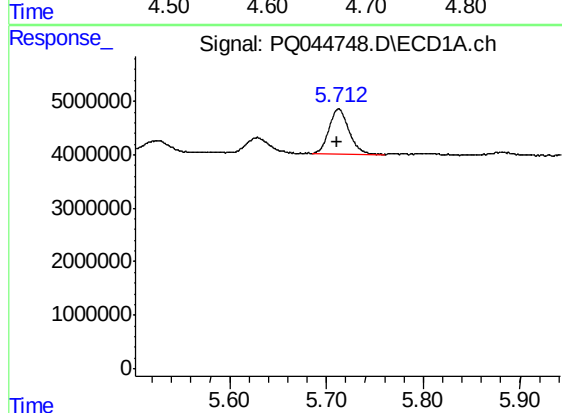
R.T.: 5.629 min
Delta R.T.: 0.004 min
Response: 5052976
Conc: 88.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



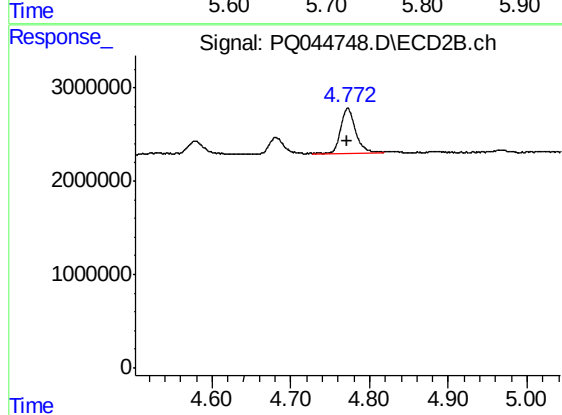
#9 AR-1221-2

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 2261749
Conc: 75.76 ng/ml



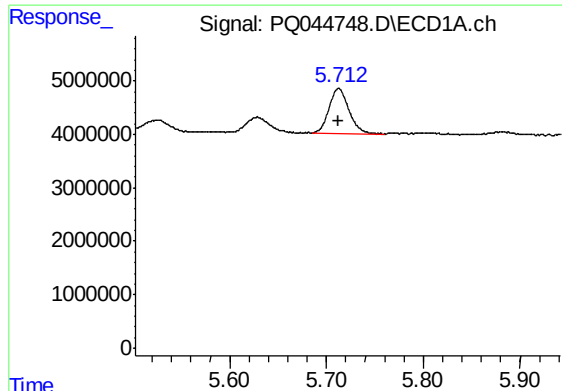
#10 AR-1221-3

R.T.: 5.713 min
Delta R.T.: 0.001 min
Response: 12052075
Conc: 68.52 ng/ml



#10 AR-1221-3

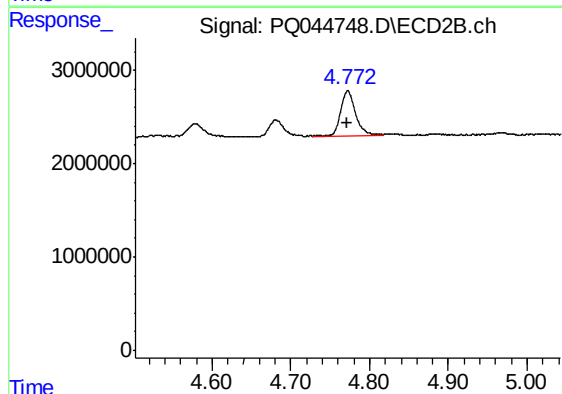
R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 6132525
Conc: 63.43 ng/ml



#11 AR-1232-1

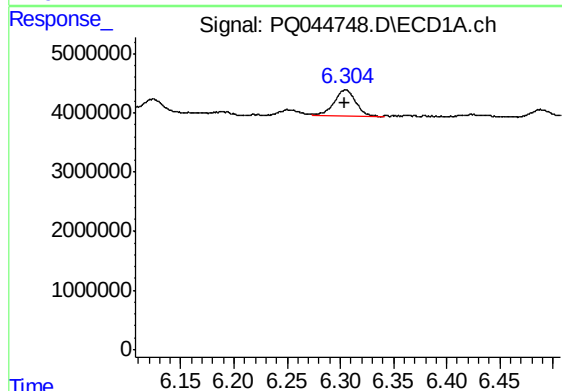
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 12052075
Conc: 50.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



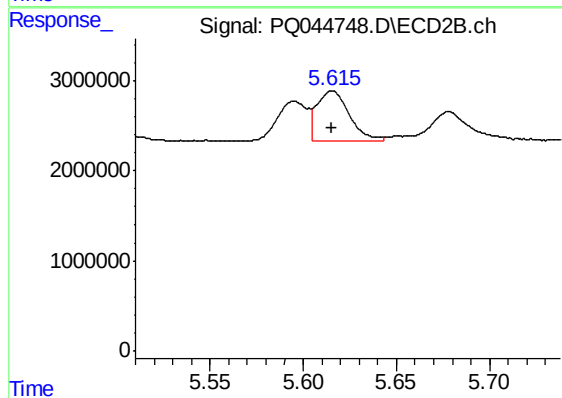
#11 AR-1232-1

R.T.: 4.772 min
Delta R.T.: 0.001 min
Response: 6132525
Conc: 47.85 ng/ml



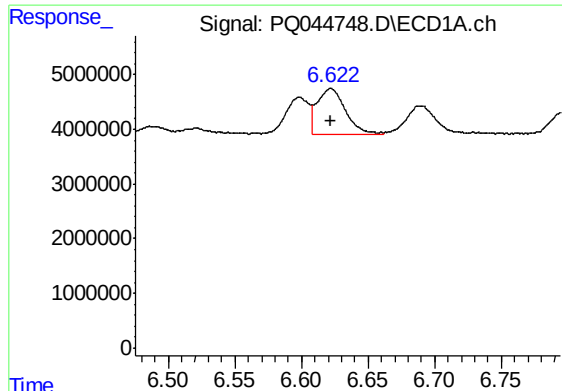
#12 AR-1232-2

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 6020505
Conc: 48.14 ng/ml



#12 AR-1232-2

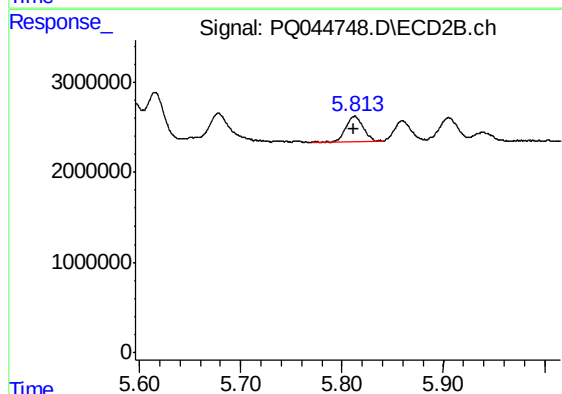
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 6600402
Conc: 44.64 ng/ml



#13 AR-1232-3

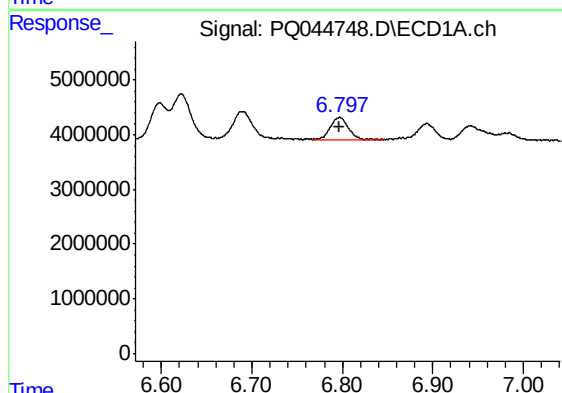
R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 12144550
Conc: 50.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



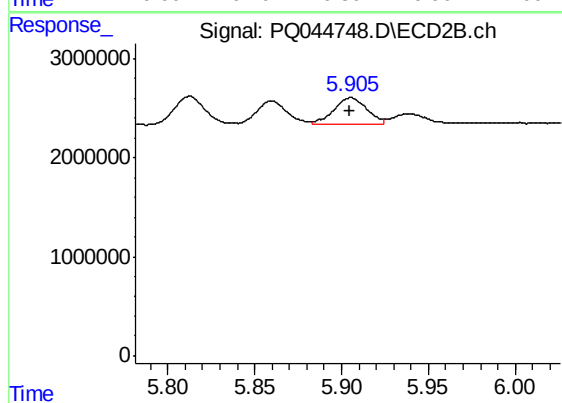
#13 AR-1232-3

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 3371756
Conc: 44.00 ng/ml



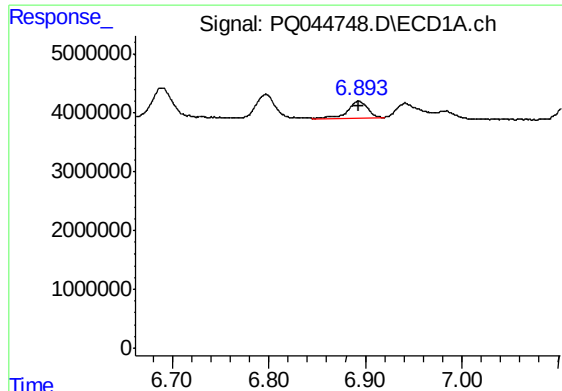
#14 AR-1232-4

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 5699008
Conc: 46.19 ng/ml



#14 AR-1232-4

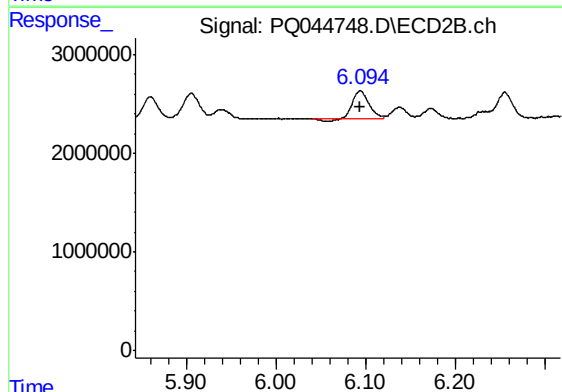
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 3392848
Conc: 46.59 ng/ml



#15 AR-1232-5

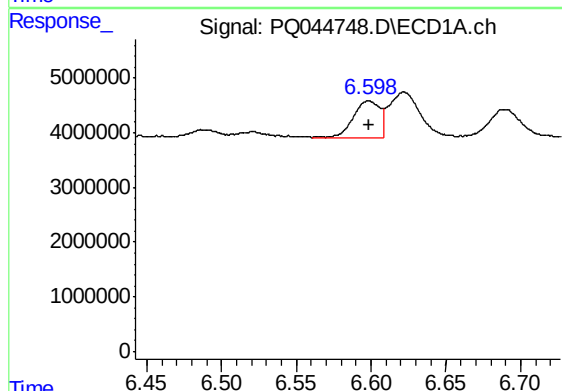
R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 4061083
Conc: 43.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



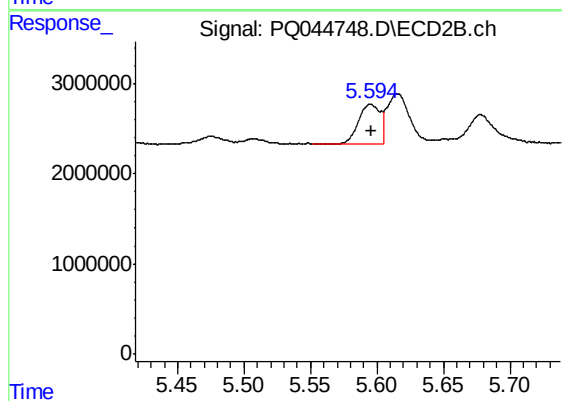
#15 AR-1232-5

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 3500435
Conc: 44.30 ng/ml



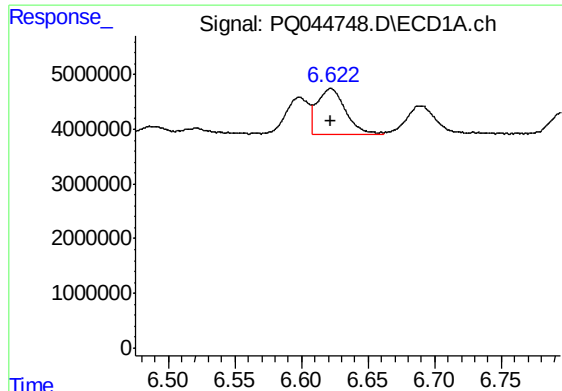
#16 AR-1242-1

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 8128084
Conc: 50.38 ng/ml



#16 AR-1242-1

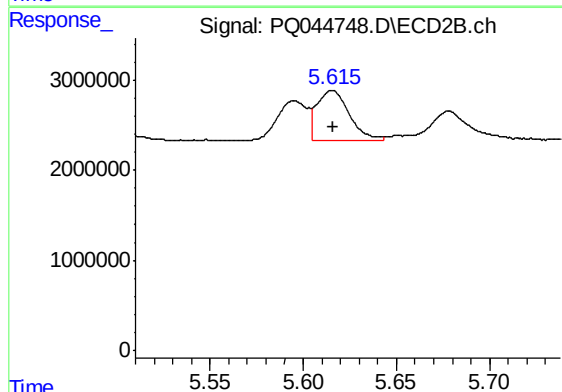
R.T.: 5.595 min
Delta R.T.: -0.001 min
Response: 4909533
Conc: 43.98 ng/ml



#17 AR-1242-2

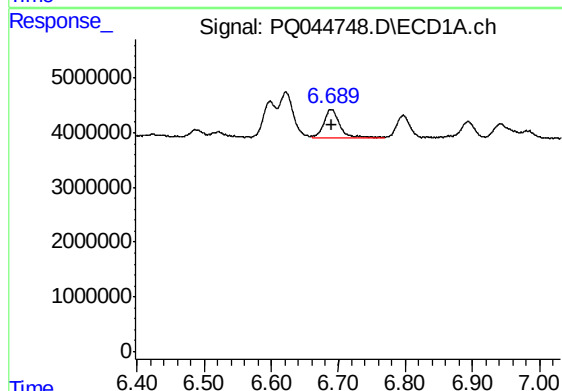
R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 12144550
Conc: 48.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



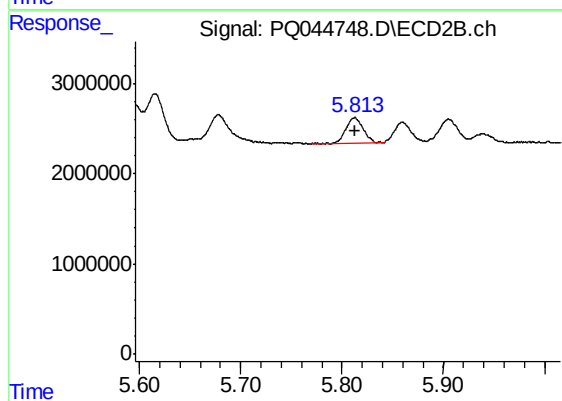
#17 AR-1242-2

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 6600402
Conc: 42.04 ng/ml



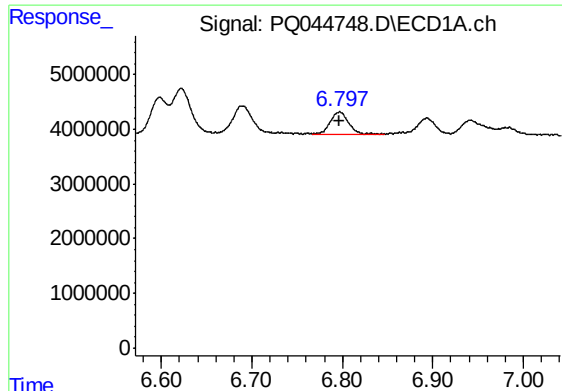
#18 AR-1242-3

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 8300061
Conc: 52.63 ng/ml



#18 AR-1242-3

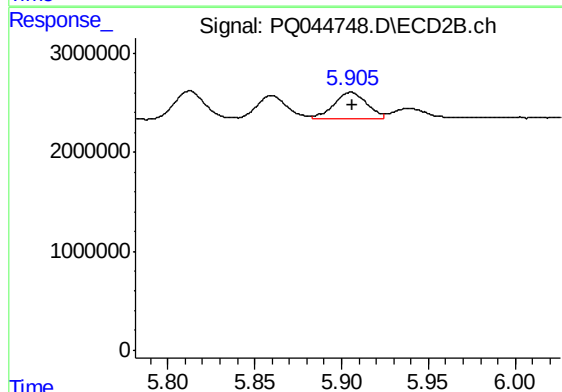
R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 3371756
Conc: 40.06 ng/ml



#19 AR-1242-4

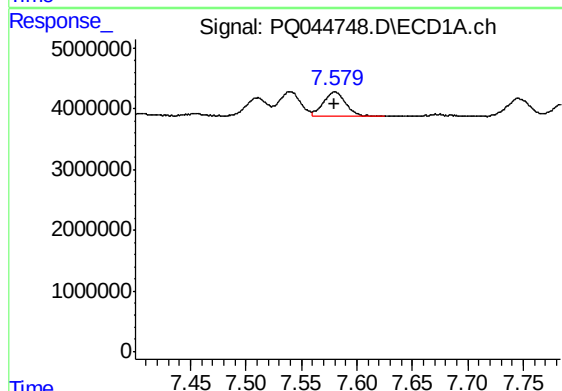
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 5699008
Conc: 44.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



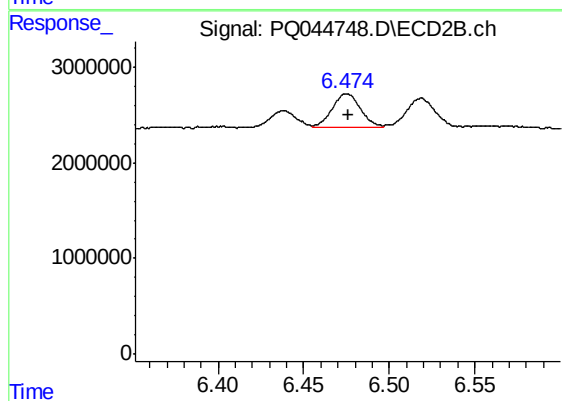
#19 AR-1242-4

R.T.: 5.905 min
Delta R.T.: -0.001 min
Response: 3392848
Conc: 39.74 ng/ml



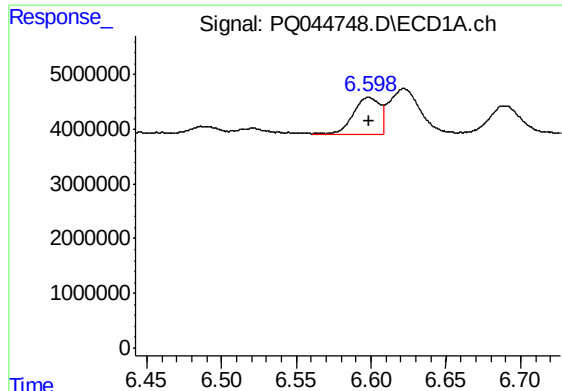
#20 AR-1242-5

R.T.: 7.580 min
Delta R.T.: 0.000 min
Response: 5666086
Conc: 40.74 ng/ml



#20 AR-1242-5

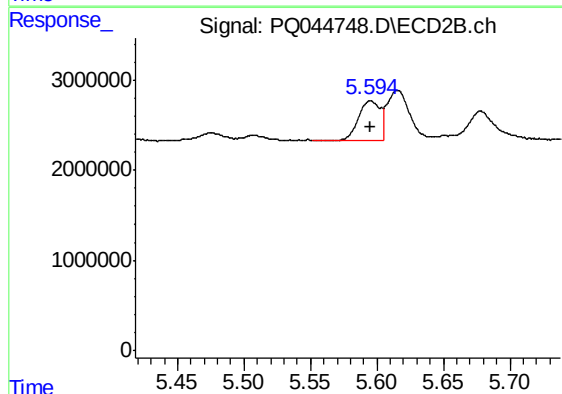
R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 4098893
Conc: 33.56 ng/ml



#21 AR-1248-1

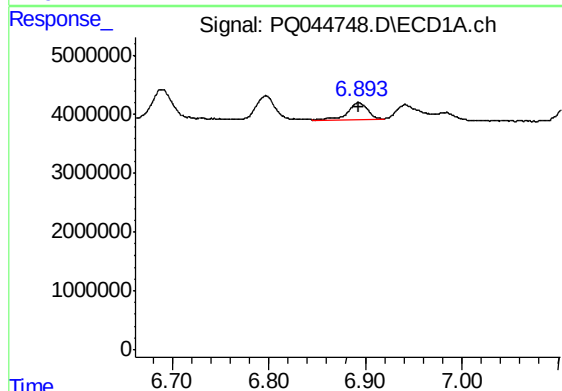
R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 8128084
Conc: 62.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



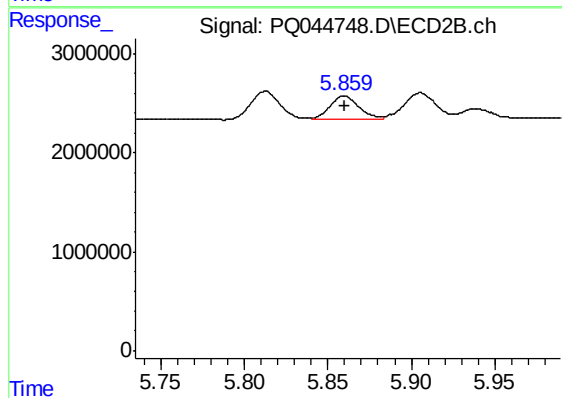
#21 AR-1248-1

R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 4909533
Conc: 58.41 ng/ml



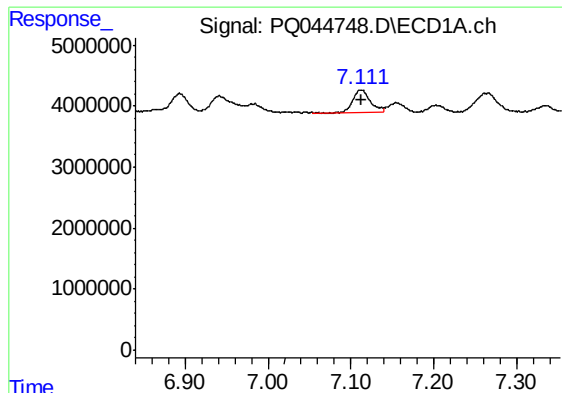
#22 AR-1248-2

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 4061083
Conc: 22.05 ng/ml



#22 AR-1248-2

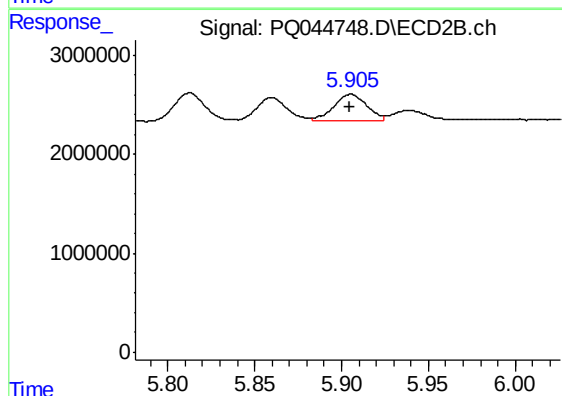
R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 2747973
Conc: 22.84 ng/ml



#23 AR-1248-3

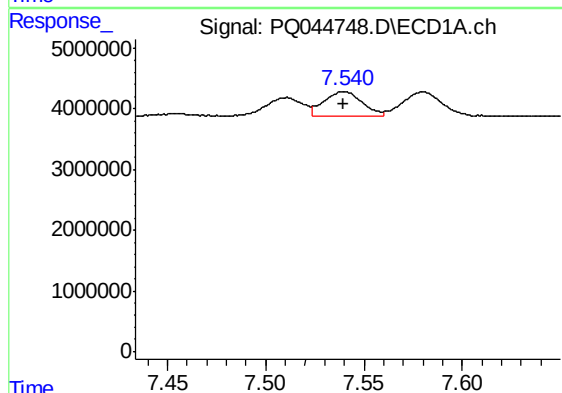
R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 5393724
Conc: 26.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



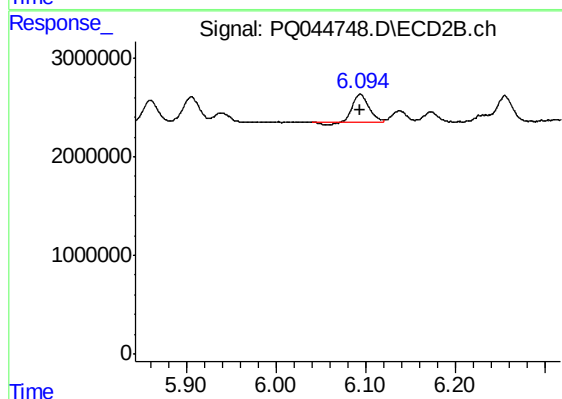
#23 AR-1248-3

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 3392848
Conc: 27.58 ng/ml



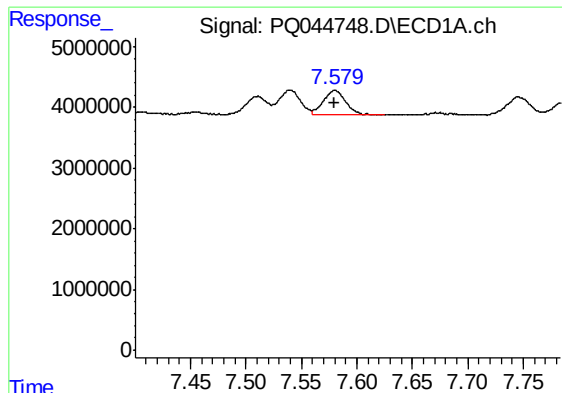
#24 AR-1248-4

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 5499759
Conc: 24.22 ng/ml



#24 AR-1248-4

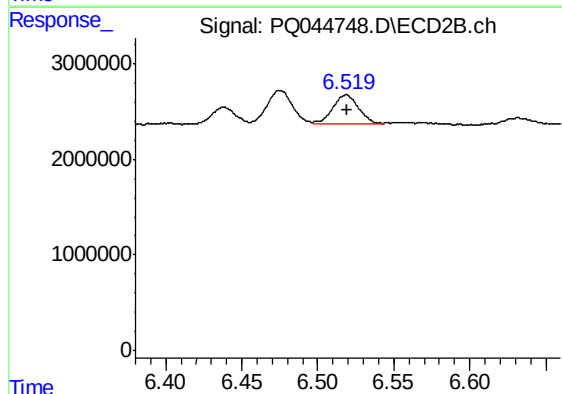
R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 3500435
Conc: 23.41 ng/ml



#25 AR-1248-5

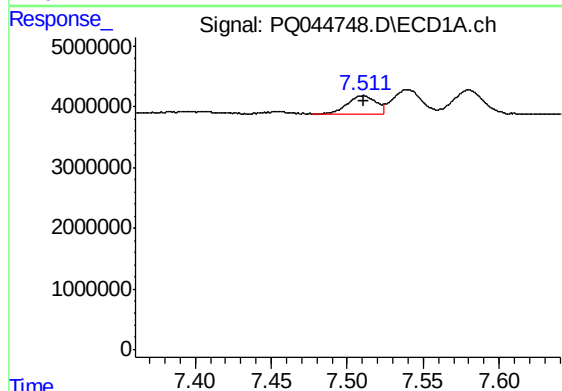
R.T.: 7.580 min
Delta R.T.: 0.000 min
Response: 5666086
Conc: 25.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



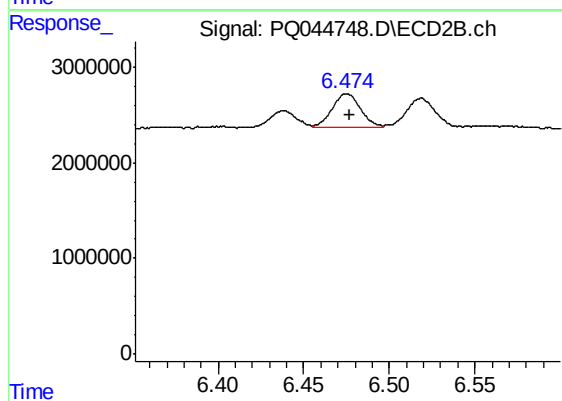
#25 AR-1248-5

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 3523717
Conc: 22.35 ng/ml



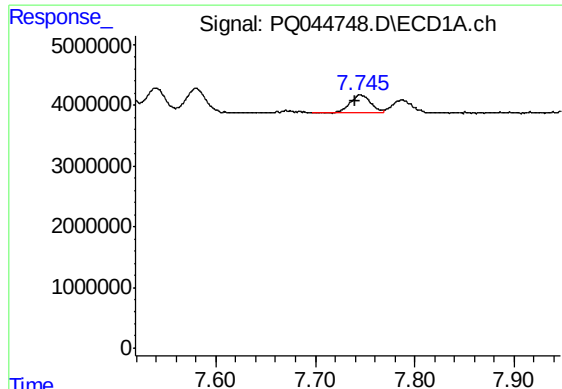
#26 AR-1254-1

R.T.: 7.510 min
Delta R.T.: 0.000 min
Response: 4041971
Conc: 17.24 ng/ml



#26 AR-1254-1

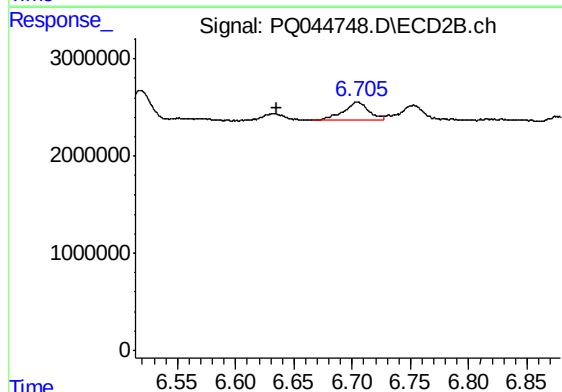
R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 4098893
Conc: 16.39 ng/ml



#27 AR-1254-2

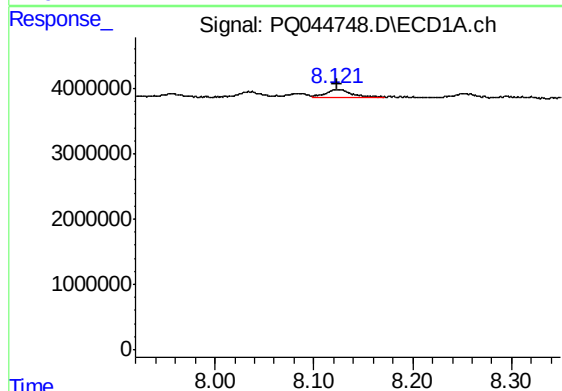
R.T.: 7.745 min
Delta R.T.: 0.005 min
Response: 4179175
Conc: 11.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



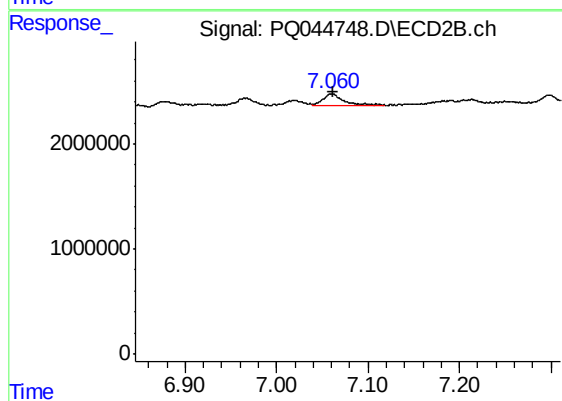
#27 AR-1254-2

R.T.: 6.705 min
Delta R.T.: 0.070 min
Response: 2893988
Conc: 12.82 ng/ml



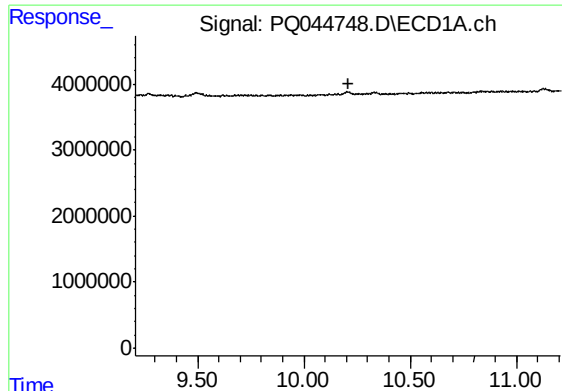
#28 AR-1254-3

R.T.: 8.127 min
Delta R.T.: 0.003 min
Response: 1925680
Conc: 5.00 ng/ml



#28 AR-1254-3

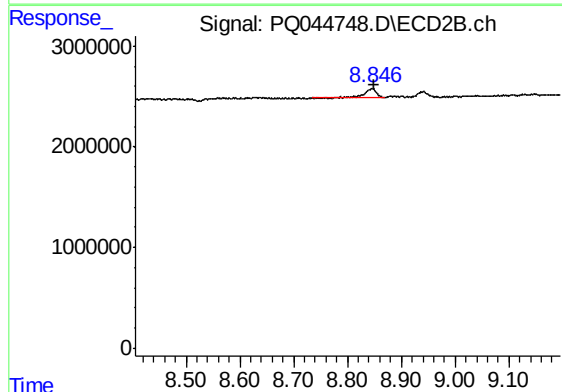
R.T.: 7.060 min
Delta R.T.: -0.002 min
Response: 1774018
Conc: 4.42 ng/ml



#43 AR-1268-3

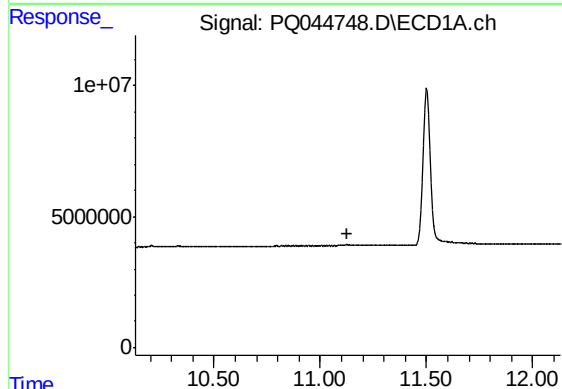
R.T.: 0.000 min
Exp R.T. : 10.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



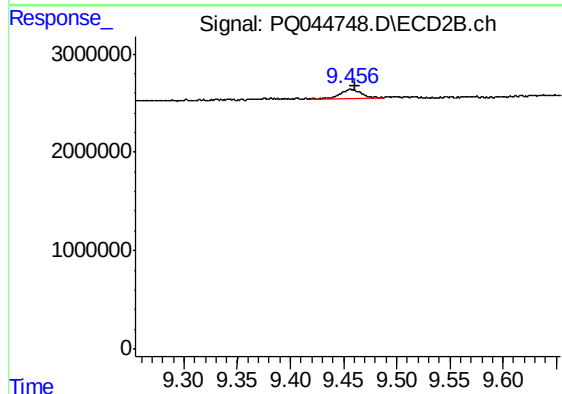
#43 AR-1268-3

R.T.: 8.846 min
Delta R.T.: -0.003 min
Response: 1592155
Conc: 2.06 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.130 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.457 min
Delta R.T.: -0.005 min
Response: 1221844
Conc: 0.42 ng/ml