

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110419\
 Data File : PQ044750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2019 10:31
 Operator : SM\AJ
 Sample : K5111-01
 Misc : AR1248 LOD 40 PPB
 ALS Vial : 9 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 11:20:42 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	105.0E6	46251155	14.109	12.900
2)	SA Decachlor...	11.501	9.728	121.9E6	145.6E6	18.434	18.302
Target Compounds							
3)	L1 AR-1016-1	6.598	5.595	5250587	3111936	23.385	22.170
4)	L1 AR-1016-2	6.623	5.615	6031453	3078868	17.869	14.995
5)	L1 AR-1016-3	6.689	5.812	3565371	2017515	16.437	18.779
6)	L1 AR-1016-4	6.796	5.859	3096631	4610168	17.904	48.714 #
7)	L1 AR-1016-5	7.112	6.094	7980024	5999254	44.191	48.029
12)	L3 AR-1232-2	6.305	5.615	3071723	3078868	24.563	20.823
13)	L3 AR-1232-3	6.623	5.812	6031453	2017515	25.006	26.328
14)	L3 AR-1232-4	6.796	5.905	3096631	4587677	25.097	63.002 #
15)	L3 AR-1232-5	6.893	6.094	7465447	5999254	79.370	75.920
16)	L4 AR-1242-1	6.598	5.595	5250587	3111936	32.544	27.875
17)	L4 AR-1242-2	6.623	5.615	6031453	3078868	24.116	19.610
18)	L4 AR-1242-3	6.689	5.812	3565371	2017515	22.607	23.969
19)	L4 AR-1242-4	6.796	5.905	3096631	4587677	24.445	53.735 #
20)	L4 AR-1242-5	7.580	6.475	8696567	7475164	62.533	61.196
21)	L5 AR-1248-1	6.598	5.595	5250587	3111936	40.682	37.024
22)	L5 AR-1248-2	6.893	5.859	7465447	4610168	40.537	38.324
23)	L5 AR-1248-3	7.112	5.905	7980024	4587677	39.153	37.294
24)	L5 AR-1248-4	7.540	6.094	8822842	5999254	38.858	40.129
25)	L5 AR-1248-5	7.580	6.519	8696567	4749978	38.449	30.131
26)	L6 AR-1254-1	7.511	6.475	7124467	7475164	30.393	29.894
27)	L6 AR-1254-2	7.746	6.633	8792675	1922136	24.196	8.517 #
28)	L6 AR-1254-3	8.125	7.060	4911696	4004497	12.755	9.987
29)	L6 AR-1254-4	8.420	7.299	2879866	2687868	10.490	10.209
31)	L7 AR-1260-1	8.256	7.212	1576807	1912764	5.727	7.548 #
43)	L9 AR-1268-3	0.000	8.845	0	1587823	N.D.	2.055 #
45)	L9 AR-1268-5	0.000	9.457	0	1525904	N.D.	0.522 #

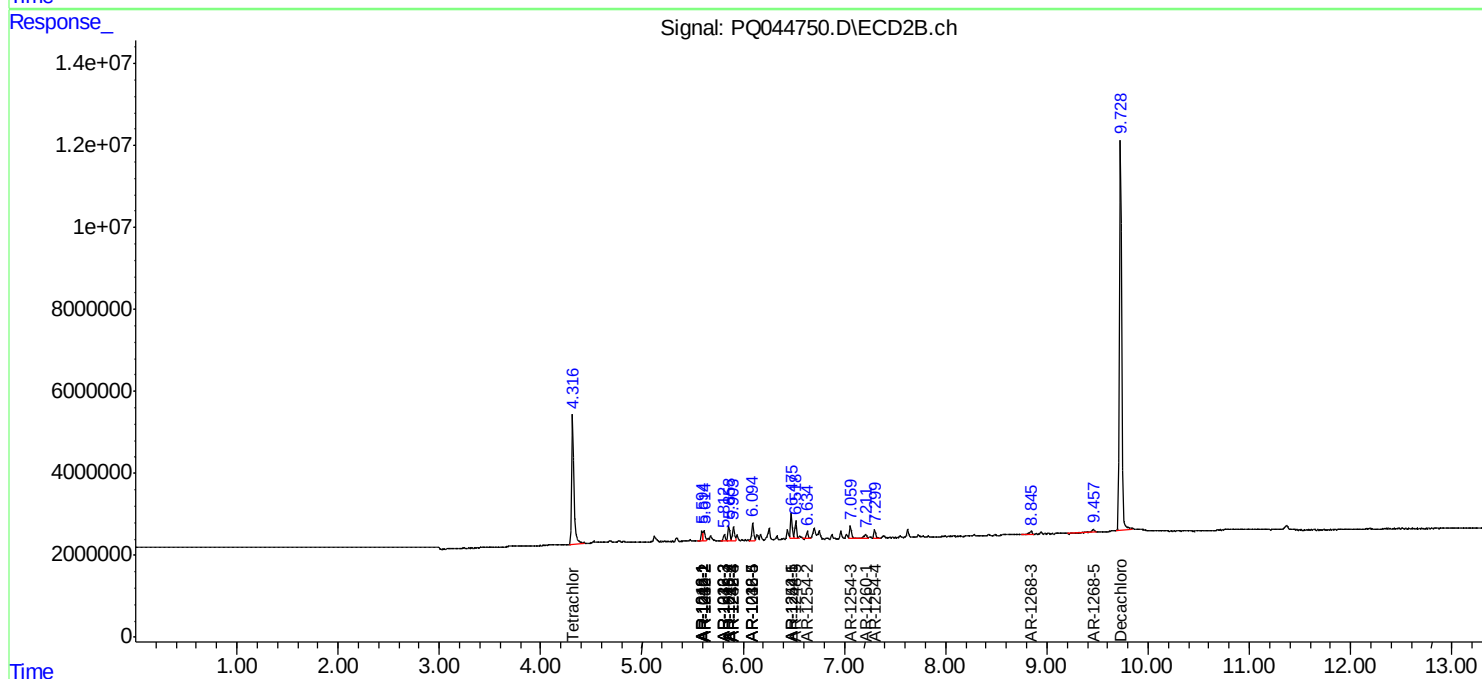
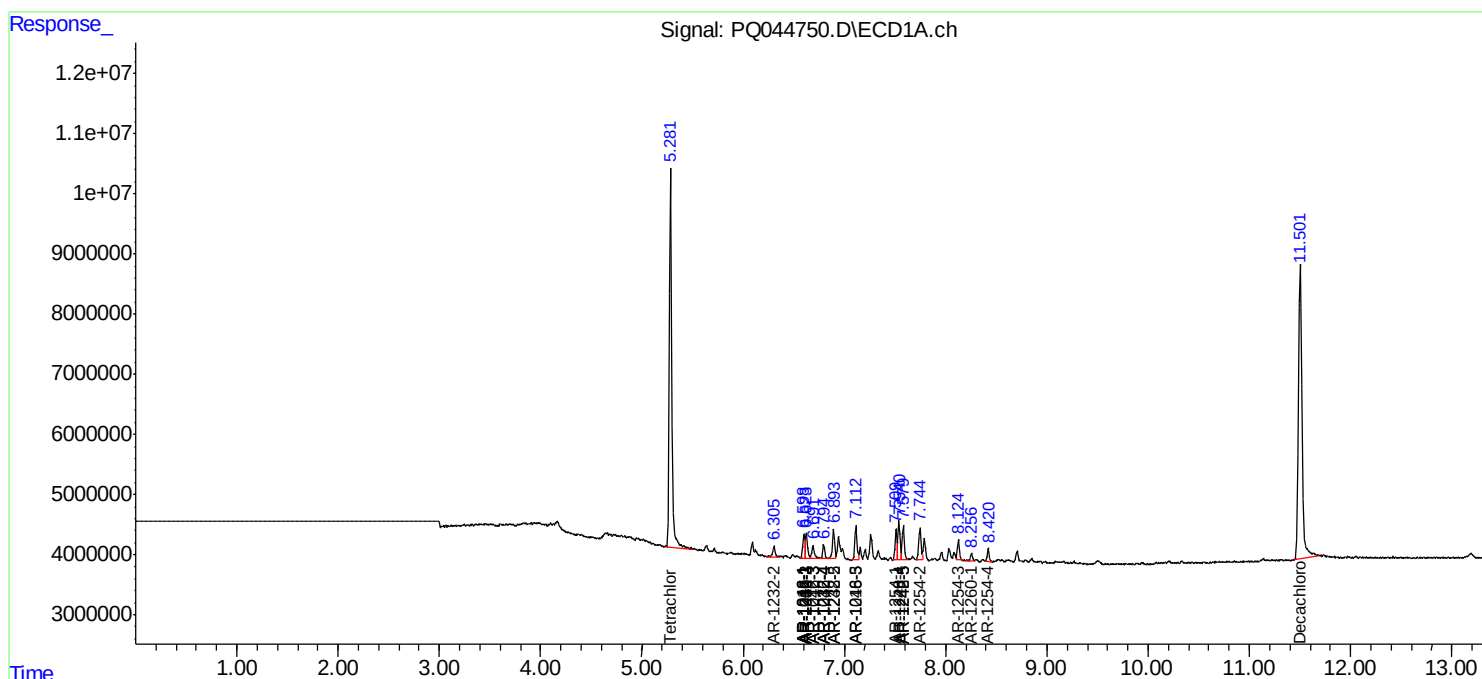
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

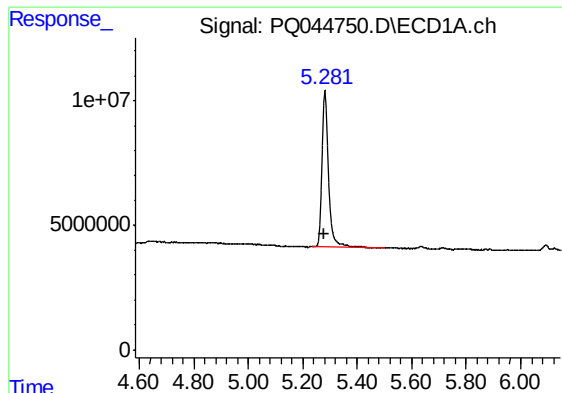
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110419\
Data File : PQ044750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2019 10:31
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Sample : K5111-01
Misc : AR1248 LOD 40 PPB
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Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 11:20:42 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

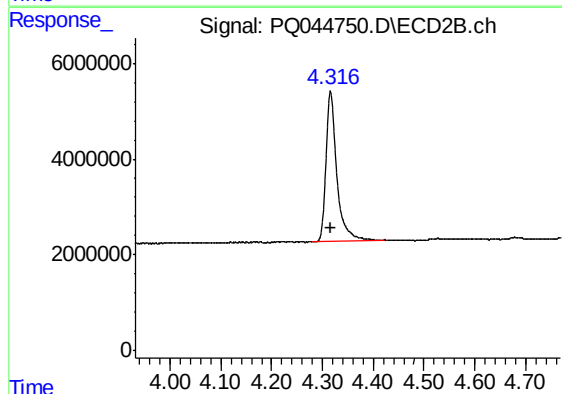




#1 Tetrachloro-m-xylene

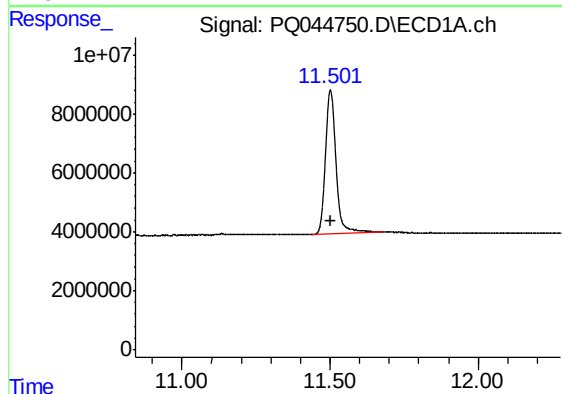
R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 105045021
Conc: 14.11 ng/ml

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



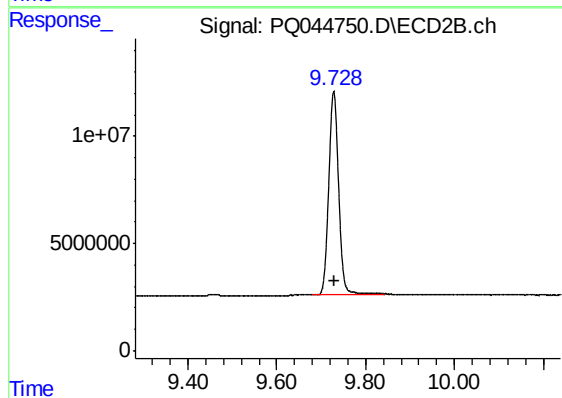
#1 Tetrachloro-m-xylene

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 46251155
Conc: 12.90 ng/ml



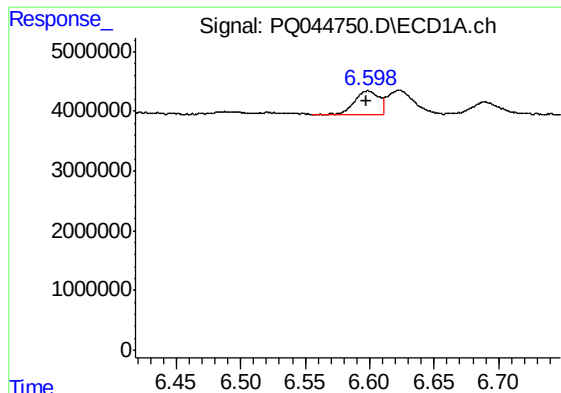
#2 Decachlorobiphenyl

R.T.: 11.501 min
Delta R.T.: -0.002 min
Response: 121880538
Conc: 18.43 ng/ml



#2 Decachlorobiphenyl

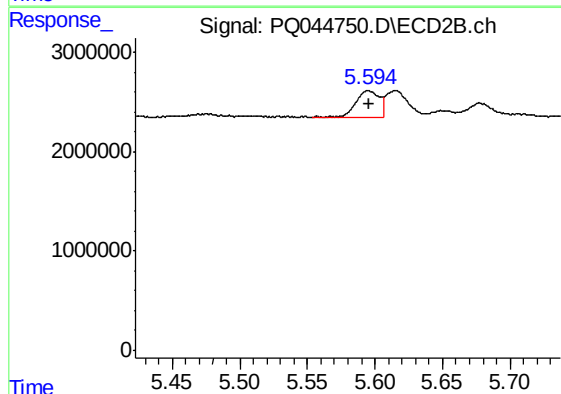
R.T.: 9.728 min
Delta R.T.: -0.002 min
Response: 145605930
Conc: 18.30 ng/ml



#3 AR-1016-1

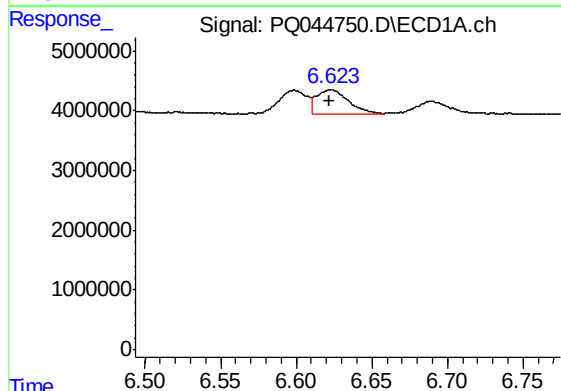
R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 5250587
Conc: 23.38 ng/ml

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



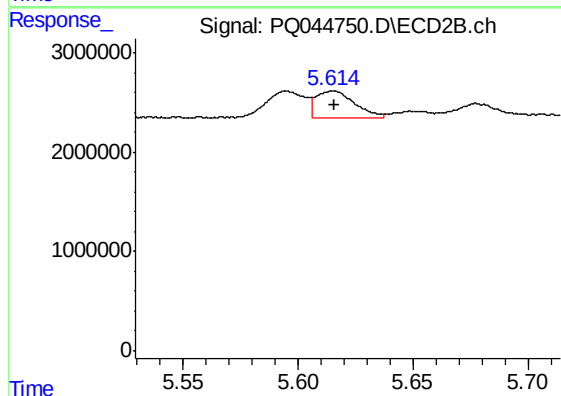
#3 AR-1016-1

R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 3111936
Conc: 22.17 ng/ml



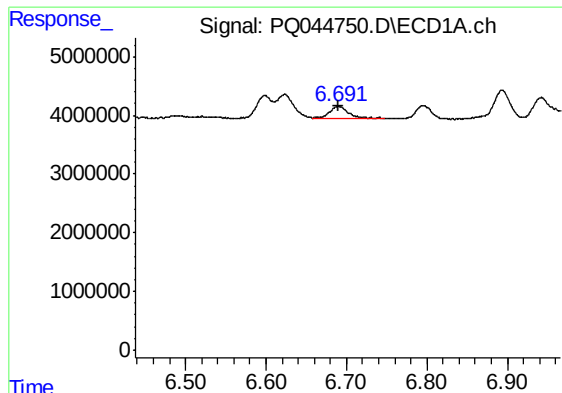
#4 AR-1016-2

R.T.: 6.623 min
Delta R.T.: 0.001 min
Response: 6031453
Conc: 17.87 ng/ml



#4 AR-1016-2

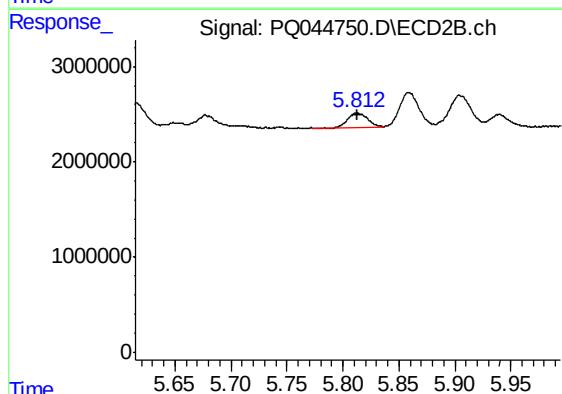
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 3078868
Conc: 14.99 ng/ml



#5 AR-1016-3

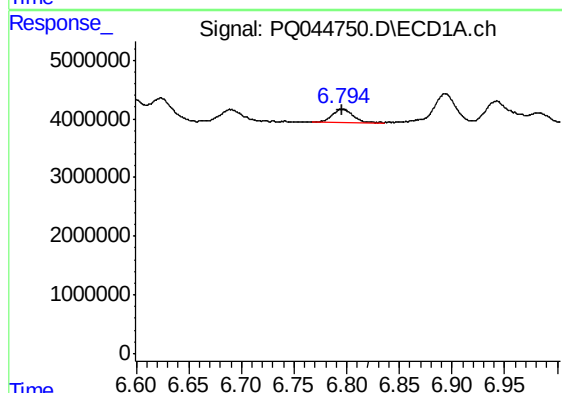
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 3565371
Conc: 16.44 ng/ml

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



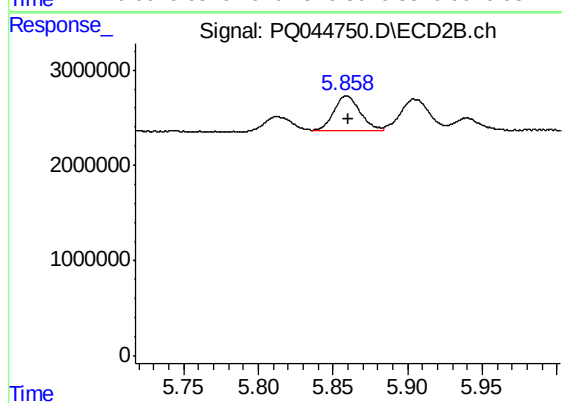
#5 AR-1016-3

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 2017515
Conc: 18.78 ng/ml



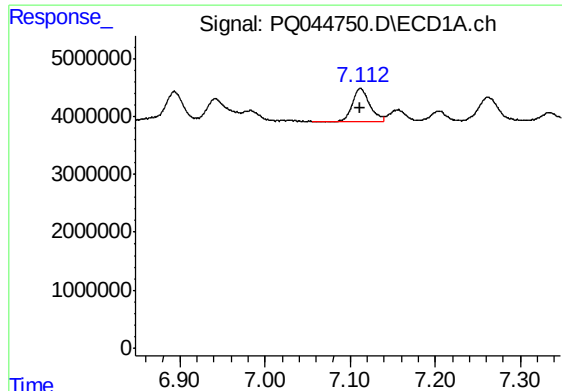
#6 AR-1016-4

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 3096631
Conc: 17.90 ng/ml



#6 AR-1016-4

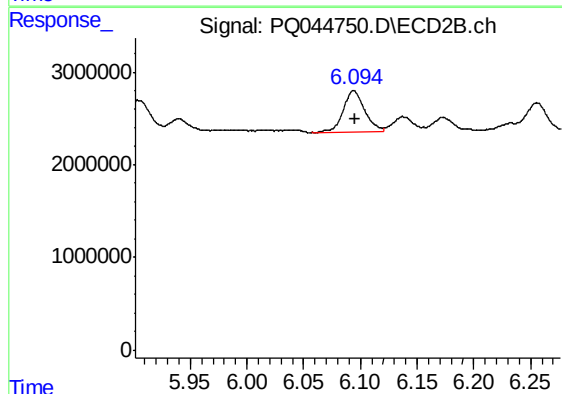
R.T.: 5.859 min
Delta R.T.: -0.001 min
Response: 4610168
Conc: 48.71 ng/ml



#7 AR-1016-5

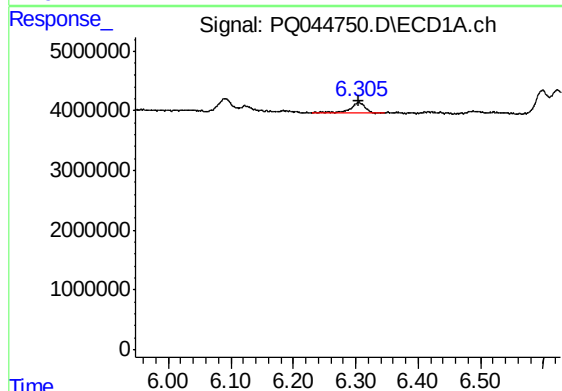
R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 7980024
Conc: 44.19 ng/ml

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



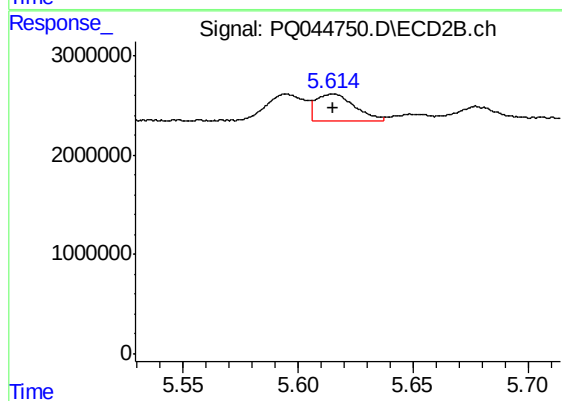
#7 AR-1016-5

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 5999254
Conc: 48.03 ng/ml



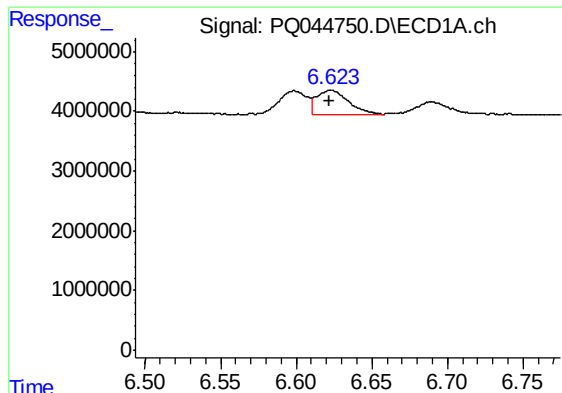
#12 AR-1232-2

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 3071723
Conc: 24.56 ng/ml



#12 AR-1232-2

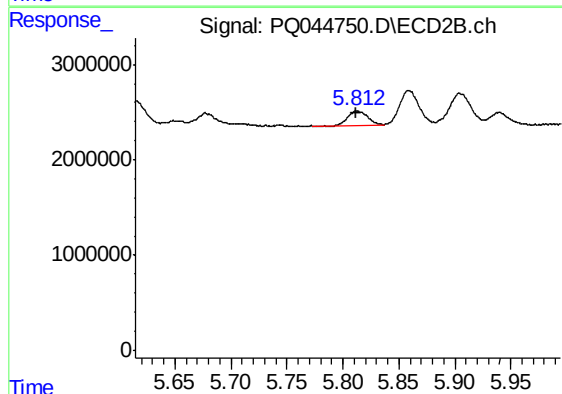
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 3078868
Conc: 20.82 ng/ml



#13 AR-1232-3

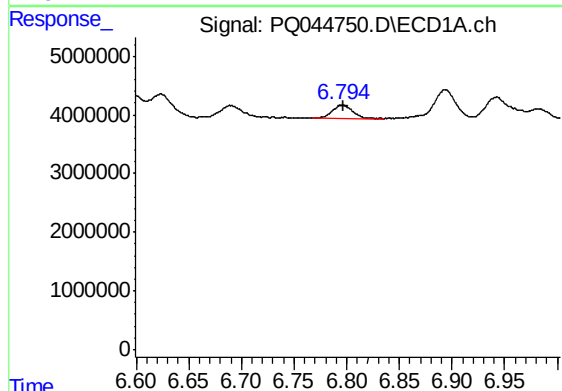
R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 6031453
Conc: 25.01 ng/ml

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



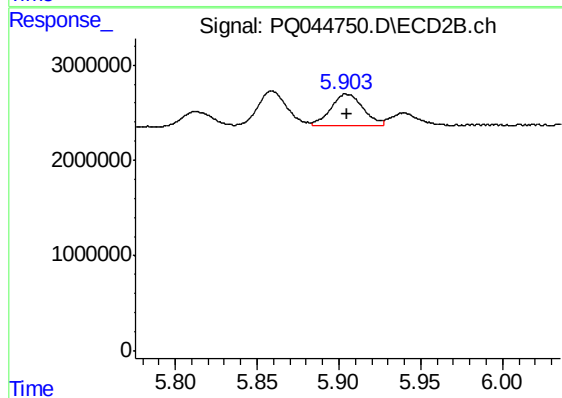
#13 AR-1232-3

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 2017515
Conc: 26.33 ng/ml



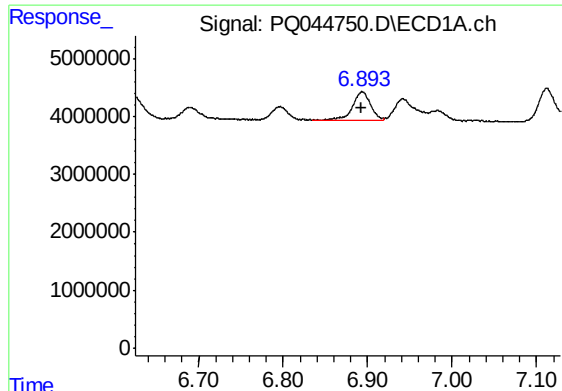
#14 AR-1232-4

R.T.: 6.796 min
Delta R.T.: -0.001 min
Response: 3096631
Conc: 25.10 ng/ml



#14 AR-1232-4

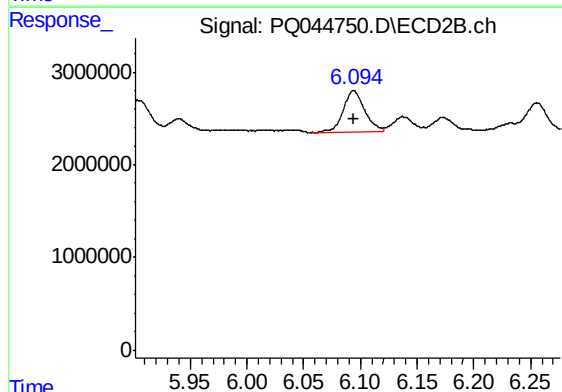
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 4587677
Conc: 63.00 ng/ml



#15 AR-1232-5

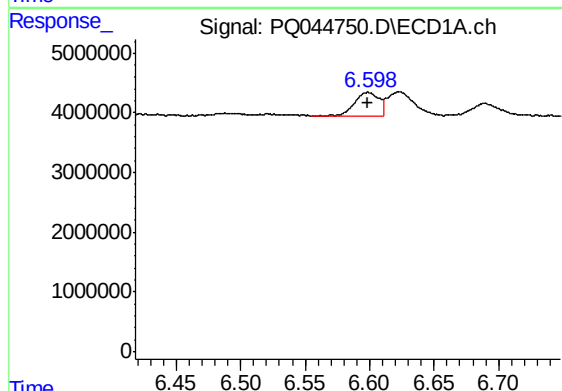
R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 7465447
Conc: 79.37 ng/ml

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



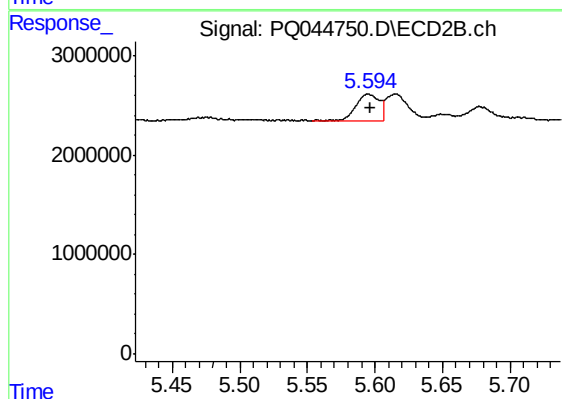
#15 AR-1232-5

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 5999254
Conc: 75.92 ng/ml



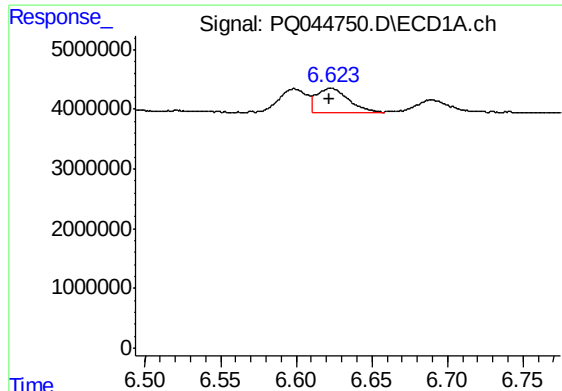
#16 AR-1242-1

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 5250587
Conc: 32.54 ng/ml



#16 AR-1242-1

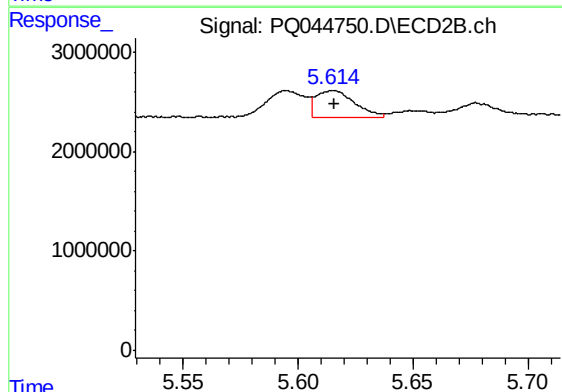
R.T.: 5.595 min
Delta R.T.: -0.001 min
Response: 3111936
Conc: 27.87 ng/ml



#17 AR-1242-2

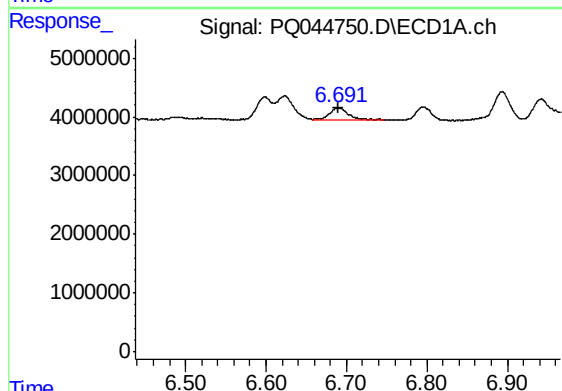
R.T.: 6.623 min
Delta R.T.: 0.001 min
Response: 6031453
Conc: 24.12 ng/ml

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



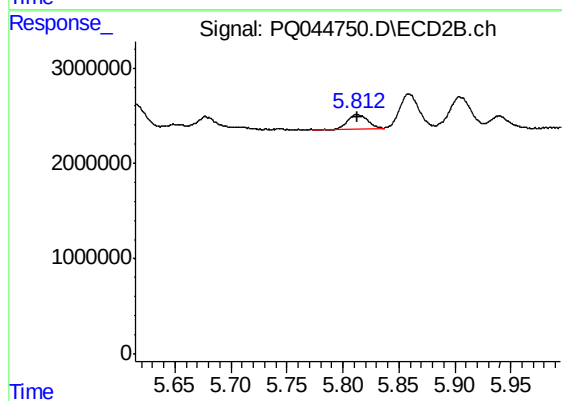
#17 AR-1242-2

R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 3078868
Conc: 19.61 ng/ml



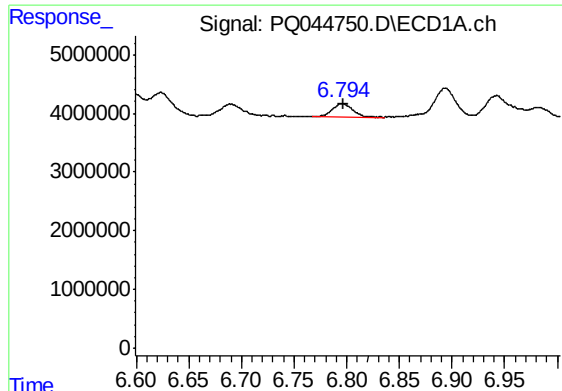
#18 AR-1242-3

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 3565371
Conc: 22.61 ng/ml



#18 AR-1242-3

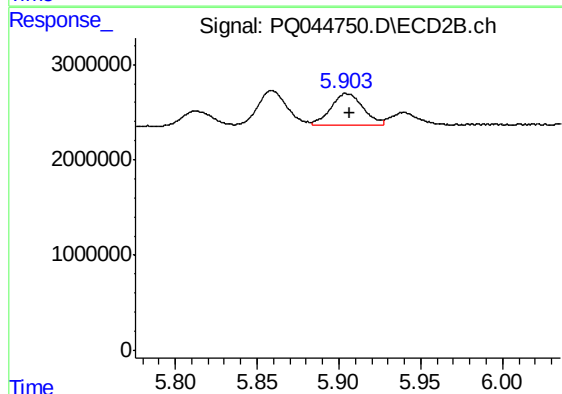
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 2017515
Conc: 23.97 ng/ml



#19 AR-1242-4

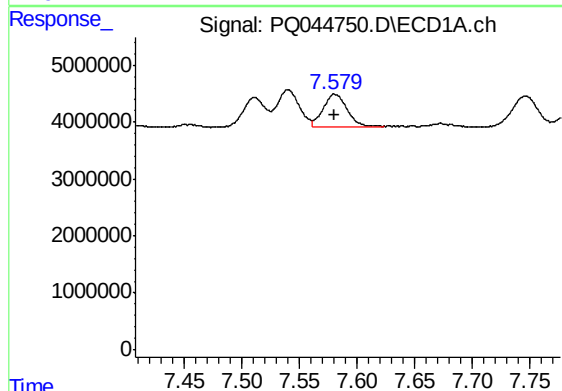
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 3096631
Conc: 24.44 ng/ml

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



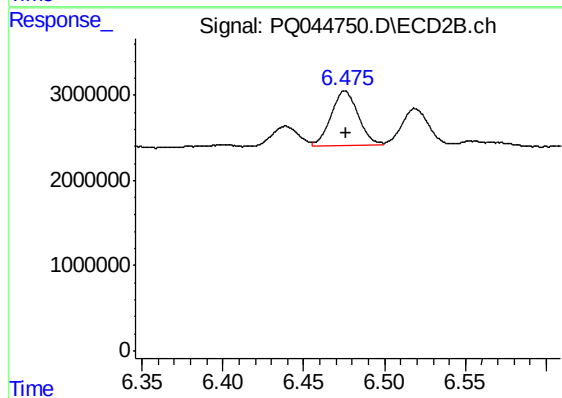
#19 AR-1242-4

R.T.: 5.905 min
Delta R.T.: -0.002 min
Response: 4587677
Conc: 53.74 ng/ml



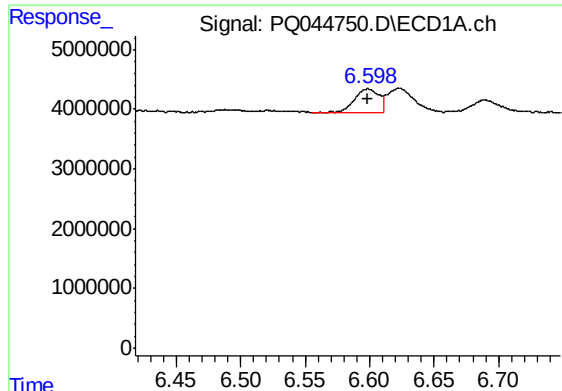
#20 AR-1242-5

R.T.: 7.580 min
Delta R.T.: 0.000 min
Response: 8696567
Conc: 62.53 ng/ml



#20 AR-1242-5

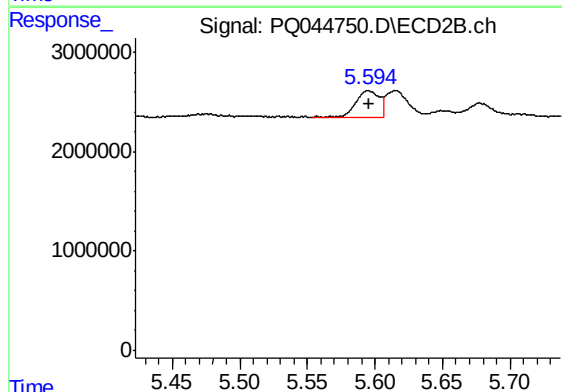
R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 7475164
Conc: 61.20 ng/ml



#21 AR-1248-1

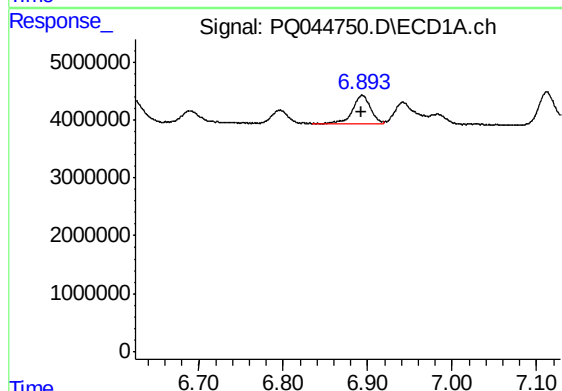
R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 5250587
Conc: 40.68 ng/ml

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



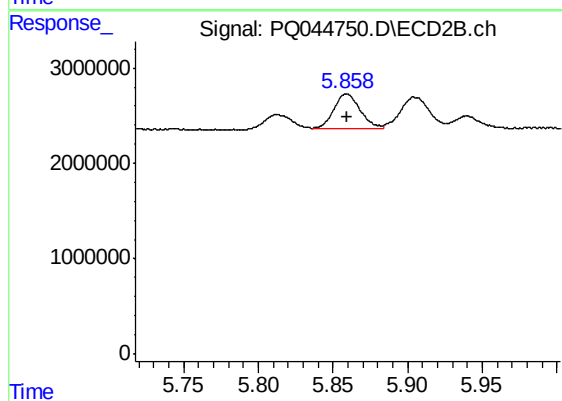
#21 AR-1248-1

R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 3111936
Conc: 37.02 ng/ml



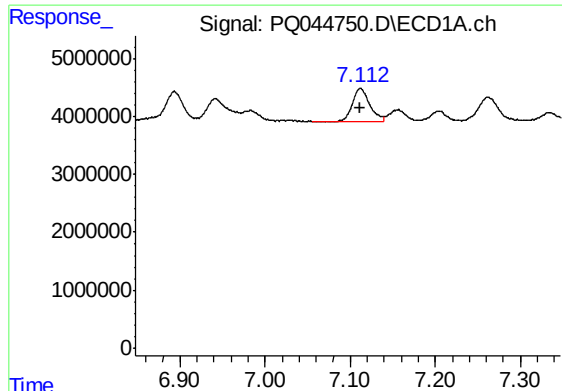
#22 AR-1248-2

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 7465447
Conc: 40.54 ng/ml



#22 AR-1248-2

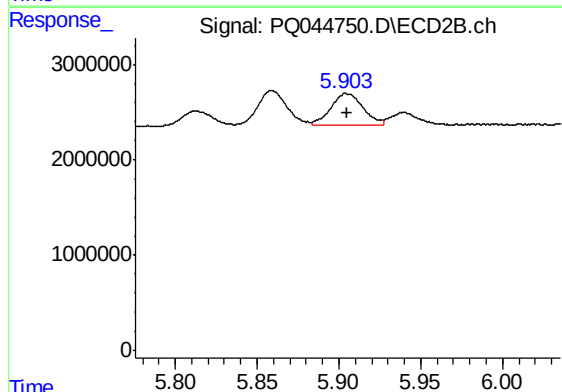
R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 4610168
Conc: 38.32 ng/ml



#23 AR-1248-3

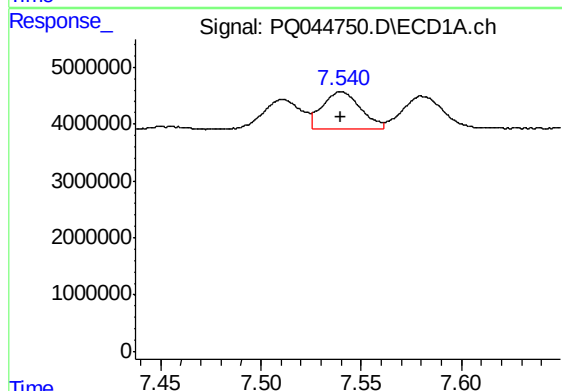
R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 7980024
Conc: 39.15 ng/ml

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



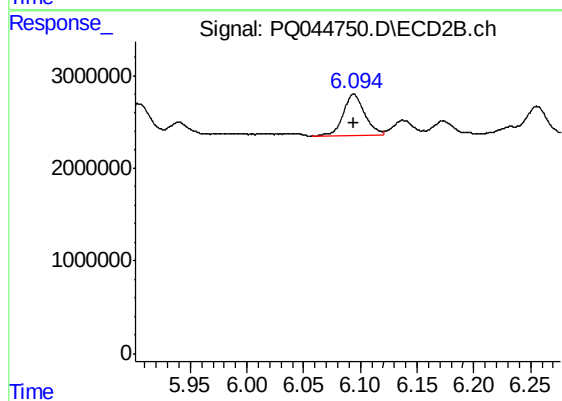
#23 AR-1248-3

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 4587677
Conc: 37.29 ng/ml



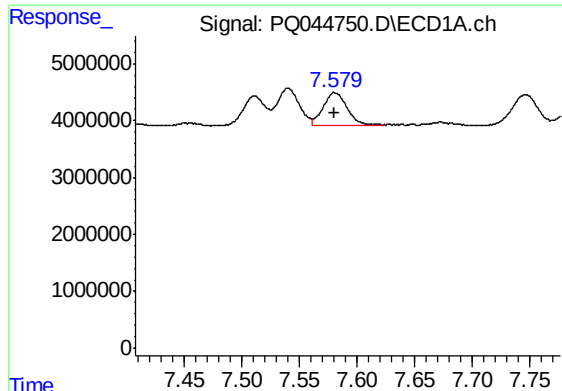
#24 AR-1248-4

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 8822842
Conc: 38.86 ng/ml



#24 AR-1248-4

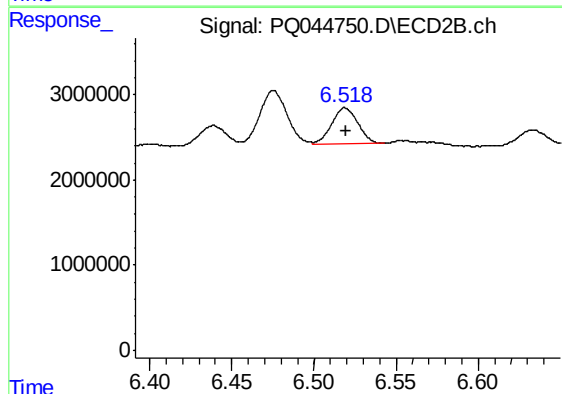
R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 5999254
Conc: 40.13 ng/ml



#25 AR-1248-5

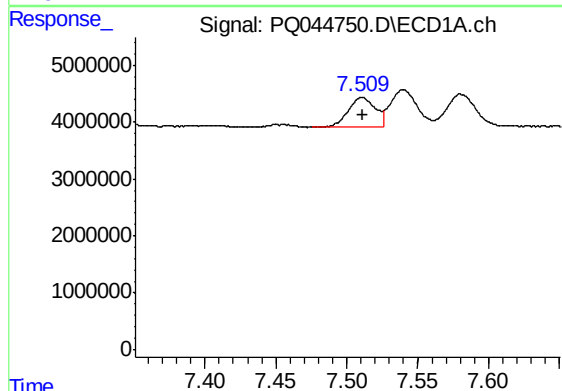
R.T.: 7.580 min
Delta R.T.: 0.000 min
Response: 8696567
Conc: 38.45 ng/ml

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



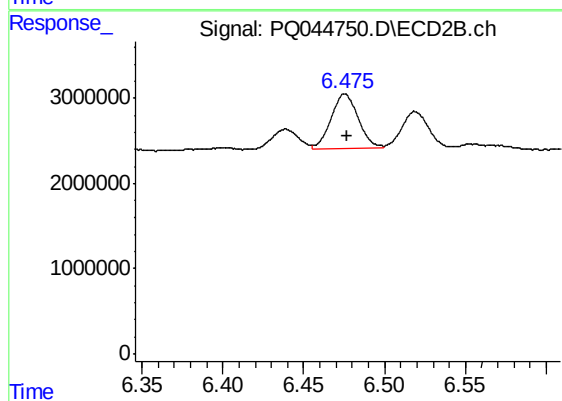
#25 AR-1248-5

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 4749978
Conc: 30.13 ng/ml



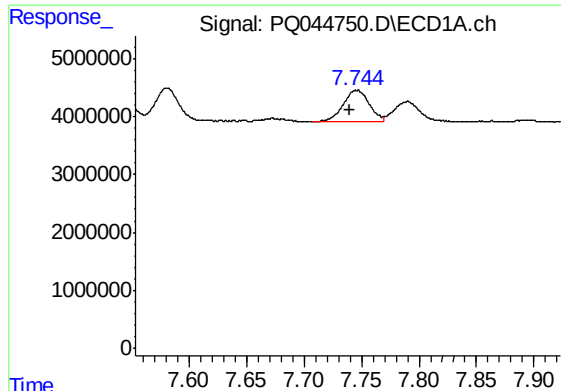
#26 AR-1254-1

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 7124467
Conc: 30.39 ng/ml



#26 AR-1254-1

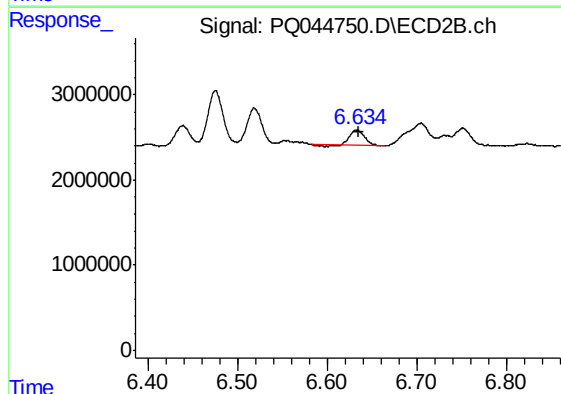
R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 7475164
Conc: 29.89 ng/ml



#27 AR-1254-2

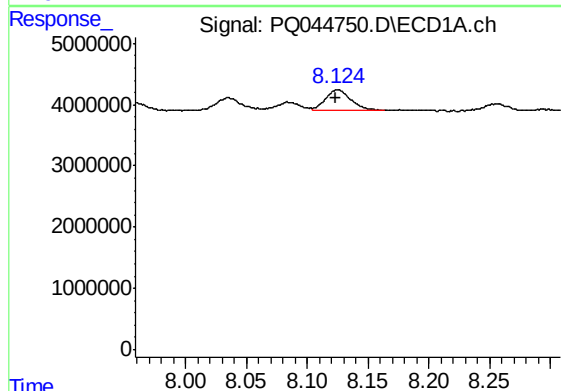
R.T.: 7.746 min
Delta R.T.: 0.006 min
Response: 8792675
Conc: 24.20 ng/ml

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



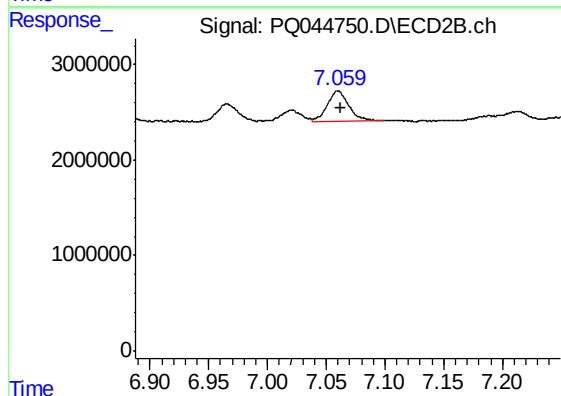
#27 AR-1254-2

R.T.: 6.633 min
Delta R.T.: -0.002 min
Response: 1922136
Conc: 8.52 ng/ml



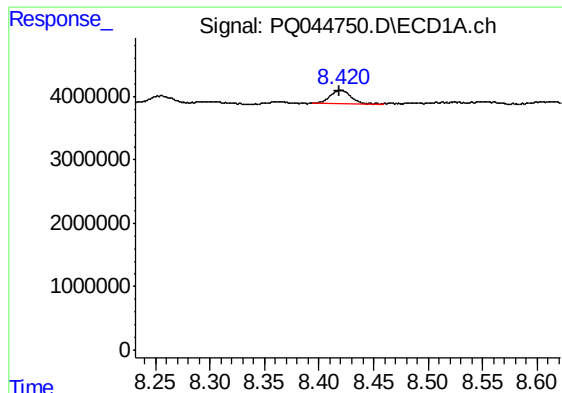
#28 AR-1254-3

R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: 4911696
Conc: 12.76 ng/ml



#28 AR-1254-3

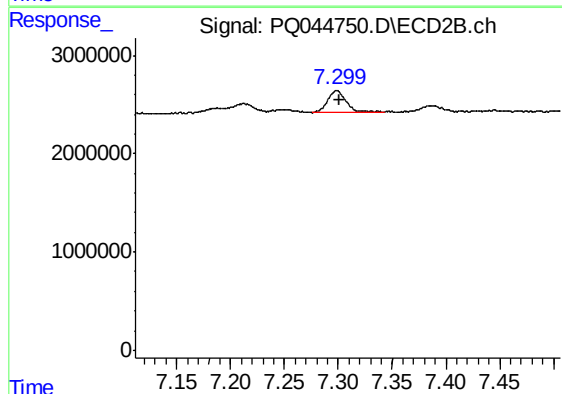
R.T.: 7.060 min
Delta R.T.: -0.002 min
Response: 4004497
Conc: 9.99 ng/ml



#29 AR-1254-4

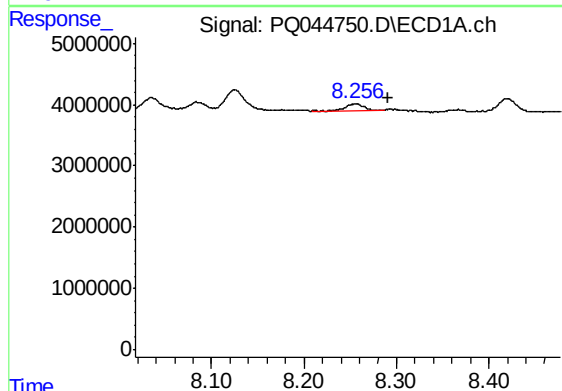
R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 2879866
Conc: 10.49 ng/ml

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



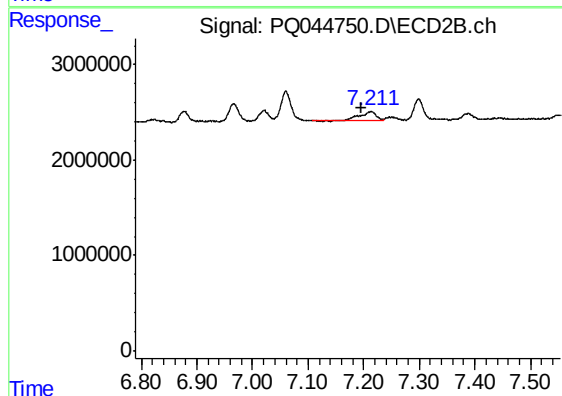
#29 AR-1254-4

R.T.: 7.299 min
Delta R.T.: -0.002 min
Response: 2687868
Conc: 10.21 ng/ml



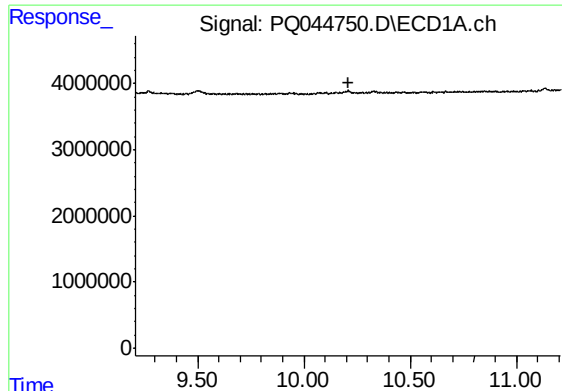
#31 AR-1260-1

R.T.: 8.256 min
Delta R.T.: -0.036 min
Response: 1576807
Conc: 5.73 ng/ml



#31 AR-1260-1

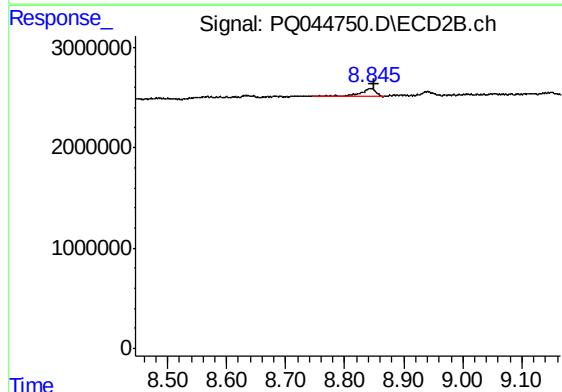
R.T.: 7.212 min
Delta R.T.: 0.016 min
Response: 1912764
Conc: 7.55 ng/ml



#43 AR-1268-3

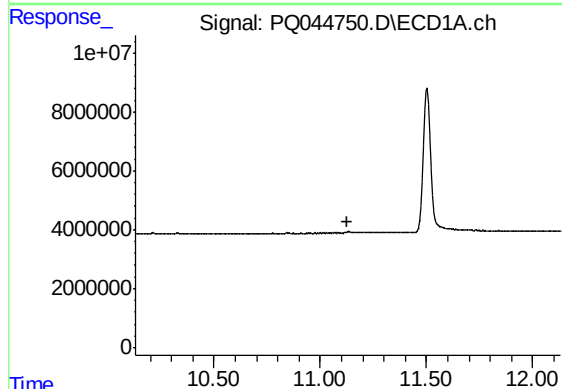
R.T.: 0.000 min
Exp R.T. : 10.207 min
Response: 0
Conc: N.D.

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



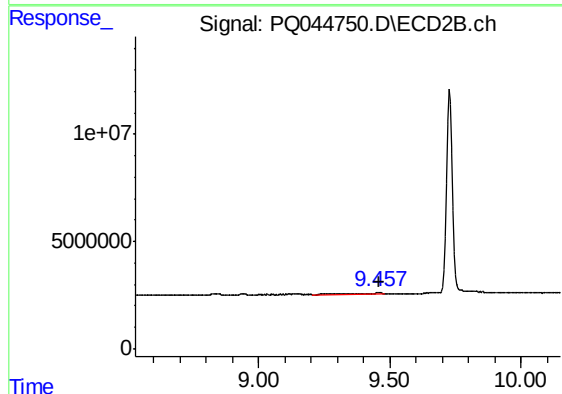
#43 AR-1268-3

R.T.: 8.845 min
Delta R.T.: -0.004 min
Response: 1587823
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.: -0.004 min
Response: 1525904
Conc: 0.52 ng/ml