

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110419\
 Data File : PQ044751.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2019 10:48
 Operator : SM\AJ
 Sample : K5111-01
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 10 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 11:21:16 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...	5.282	4.316	113.8E6	51042179	15.291	14.237
2)	SA Decachlor...	11.502	9.727	120.2E6	144.9E6	18.185	18.215
Target Compounds							
5)	L1 AR-1016-3	0.000	5.859	0	3904039	N.D.	36.340 #
6)	L1 AR-1016-4	0.000	5.859	0	3904039	N.D.	41.253 #
7)	L1 AR-1016-5	7.111	6.093	2557297	2041104	14.162	16.341
13)	L3 AR-1232-3	0.000	5.859	0	3904039	N.D.	50.947 #
14)	L3 AR-1232-4	0.000	5.904	0	1011391	N.D.	13.889 #
15)	L3 AR-1232-5	6.894	6.093	5224356	2041104	55.544	25.830 #
18)	L4 AR-1242-3	0.000	5.859	0	3904039	N.D.	46.382 #
19)	L4 AR-1242-4	0.000	5.904	0	1011391	N.D.	11.846 #
20)	L4 AR-1242-5	7.583	6.475	3075254	9392685	22.113	76.894 #
22)	L5 AR-1248-2	6.894	5.859	5224356	3904039	28.368	32.454
23)	L5 AR-1248-3	7.111	5.904	2557297	1011391	12.547	8.222 #
24)	L5 AR-1248-4	7.539	6.093	4950500	2041104	21.803	13.653 #
25)	L5 AR-1248-5	7.583	6.519	3075254	1234709	13.596	7.832 #
26)	L6 AR-1254-1	7.511	6.475	9750834	9392685	41.597	37.563
27)	L6 AR-1254-2	7.740	6.633	15025578	8598942	41.348	38.102
28)	L6 AR-1254-3	8.124	7.060	15537084	13625424	40.348	33.981
29)	L6 AR-1254-4	8.419	7.298	10613561	9024369	38.662	34.275
30)	L6 AR-1254-5	8.851	7.731	11309398	13151316	39.227	33.392
31)	L7 AR-1260-1	8.292	7.196	6210827	6924824	22.558	27.327
32)	L7 AR-1260-2	8.556	7.390	6911644	6057060	21.435	18.488
33)	L7 AR-1260-3	0.000	7.550	0	5716688	N.D.	19.402 #
34)	L7 AR-1260-4	9.161	8.077	4500631	3440835	16.469	12.672
35)	L7 AR-1260-5	9.517	8.279	3156674	1328302	6.203	1.930 #
36)	L8 AR-1262-1	0.000	7.731	0	13151316	N.D.	62.532 #
37)	L8 AR-1262-2	9.517	8.279	3156674	1328302	5.522	1.560 #
38)	L8 AR-1262-3	0.000	8.635	0	2139680	N.D.	6.302 #
39)	L8 AR-1262-4	0.000	8.635	0	2139680	N.D.	3.191 #
41)	L9 AR-1268-1	0.000	8.635	0	2139680	N.D.	2.140 #
42)	L9 AR-1268-2	0.000	8.635	0	2139680	N.D.	2.252 #
45)	L9 AR-1268-5	0.000	9.456	0	1047583	N.D.	0.358 #

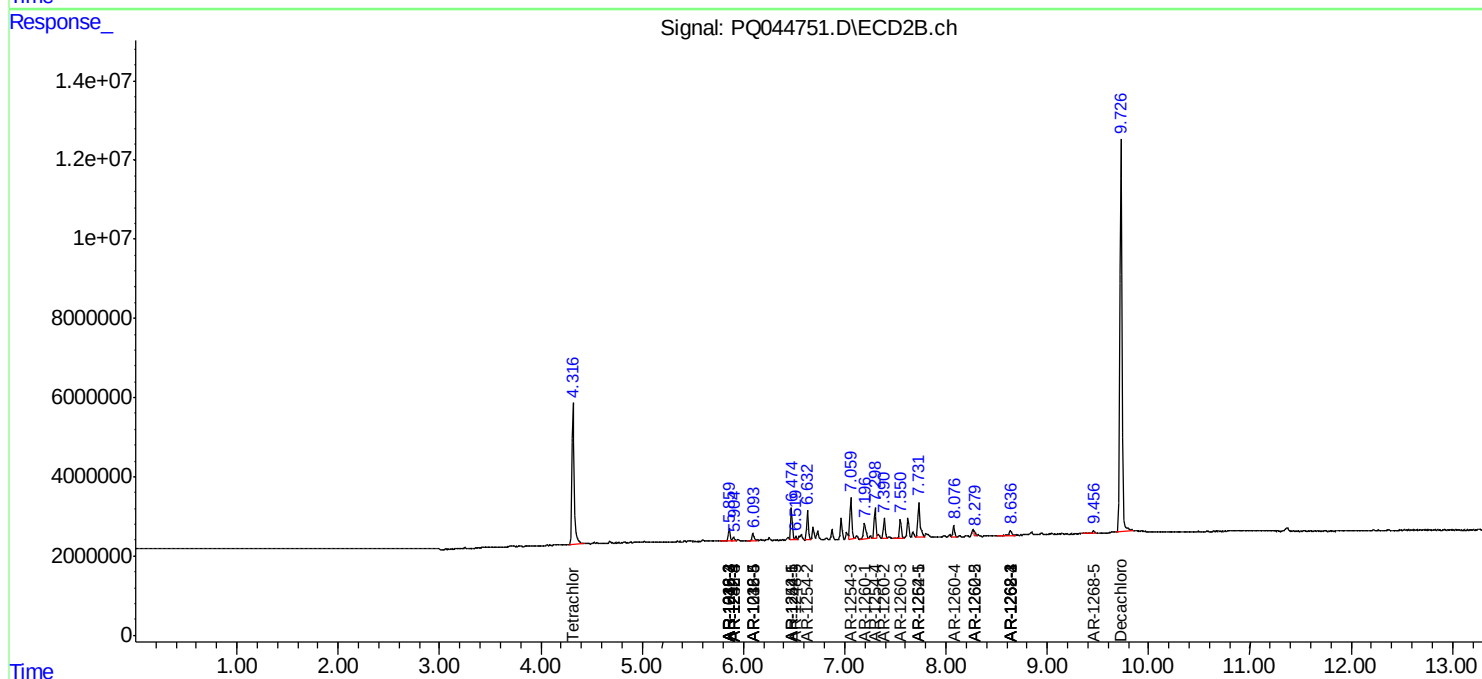
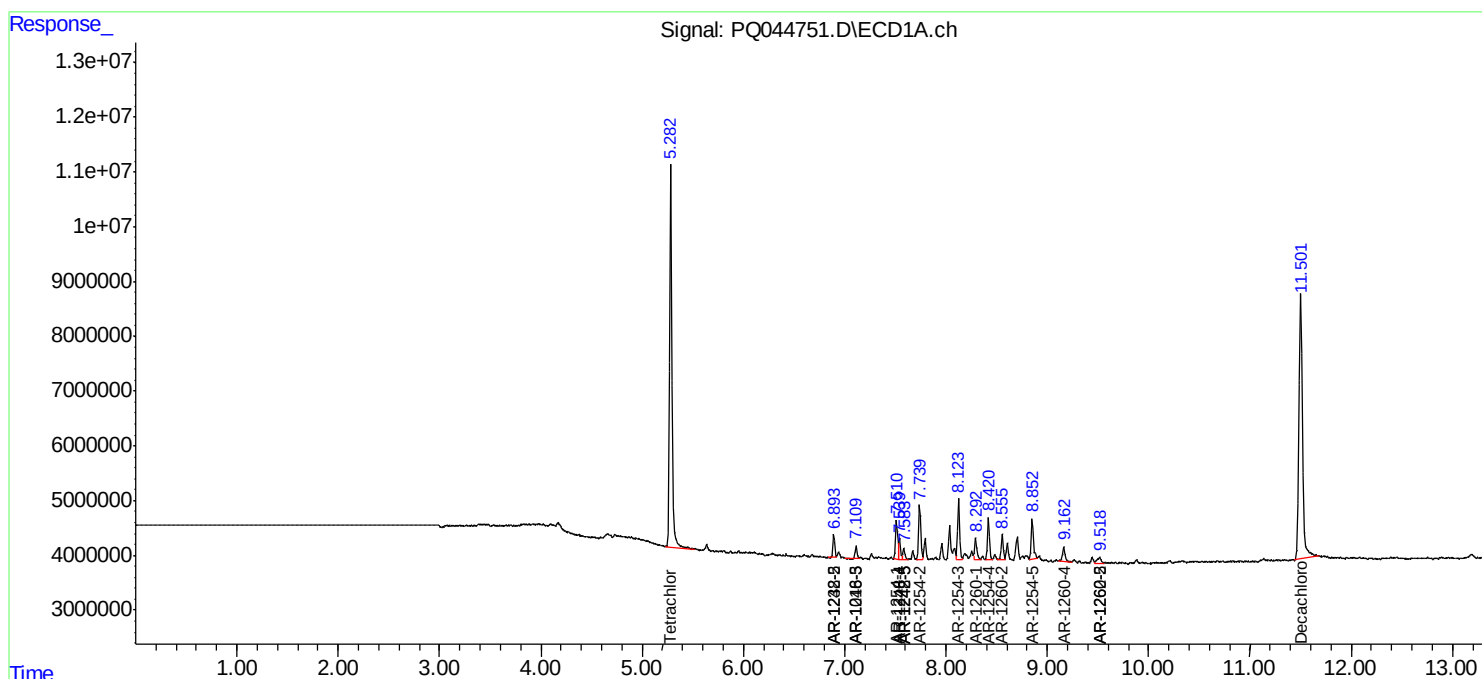
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

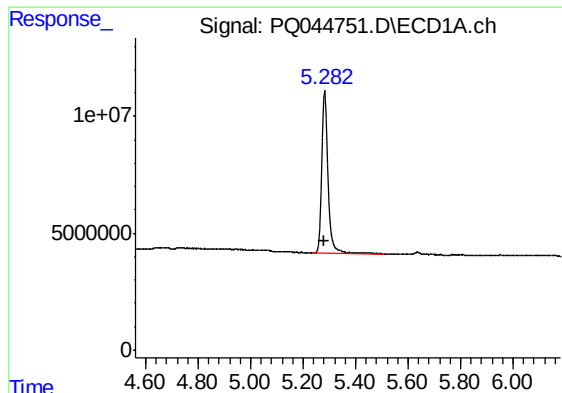
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110419\
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LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e
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Quant Time: Nov 04 11:21:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110219.M
Quant Title : GC EXTRACTABLES
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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

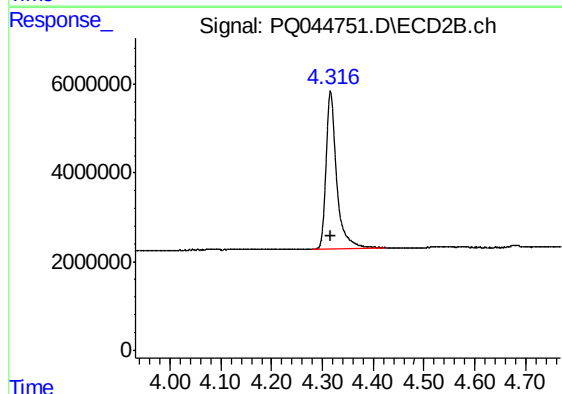




#1 Tetrachloro-m-xylene

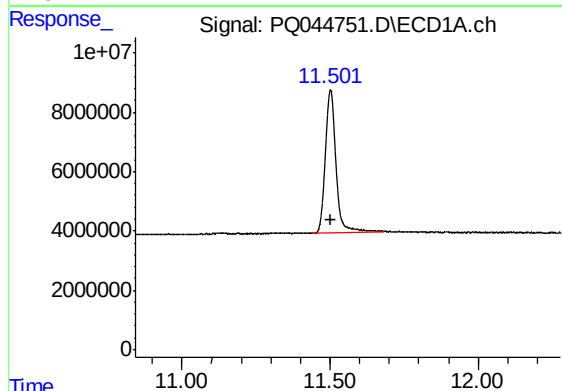
R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 113843174
Conc: 15.29 ng/ml

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



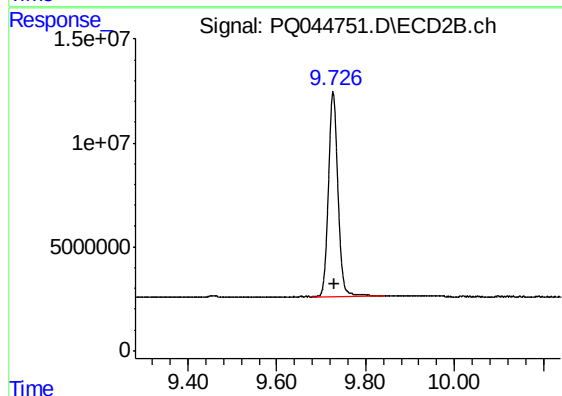
#1 Tetrachloro-m-xylene

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 51042179
Conc: 14.24 ng/ml



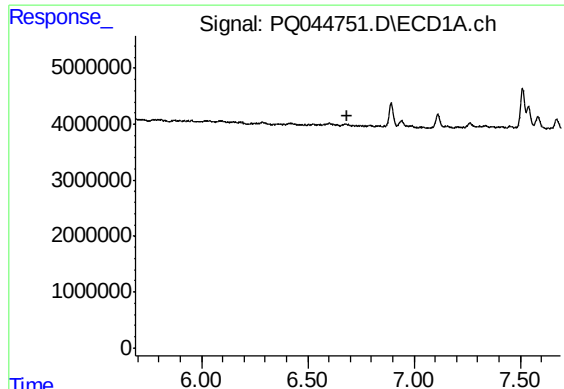
#2 Decachlorobiphenyl

R.T.: 11.502 min
Delta R.T.: -0.001 min
Response: 120233294
Conc: 18.18 ng/ml



#2 Decachlorobiphenyl

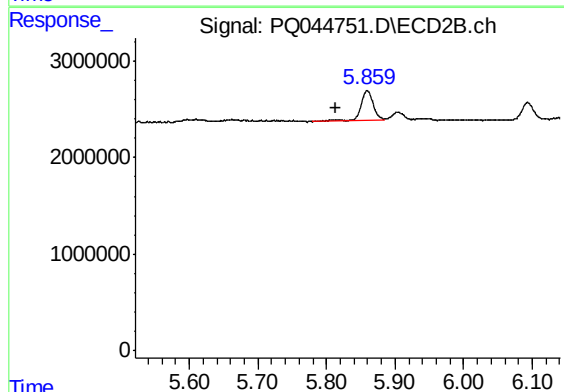
R.T.: 9.727 min
Delta R.T.: -0.003 min
Response: 144912564
Conc: 18.22 ng/ml



#5 AR-1016-3

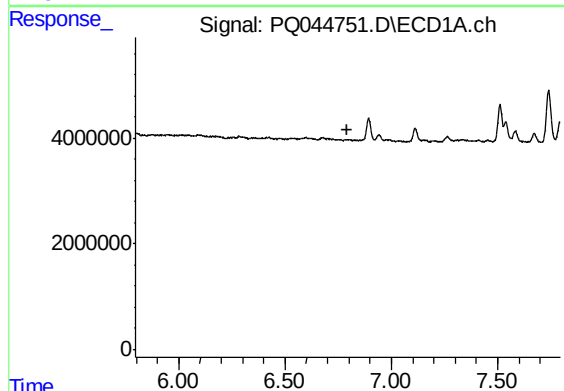
R.T.: 0.000 min
Exp R.T. : 6.689 min
Response: 0
Conc: N.D.

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



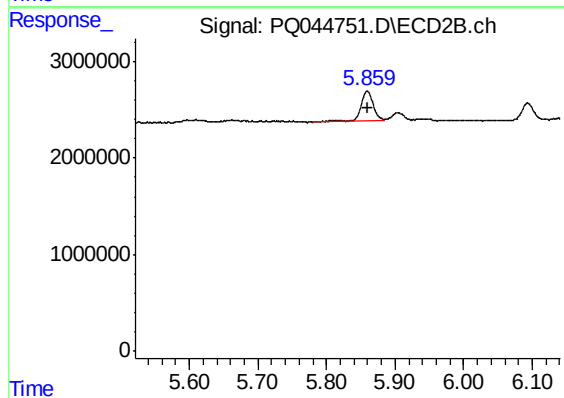
#5 AR-1016-3

R.T.: 5.859 min
Delta R.T.: 0.046 min
Response: 3904039
Conc: 36.34 ng/ml



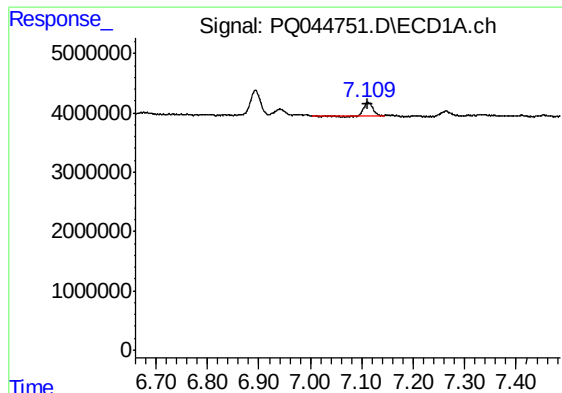
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.796 min
Response: 0
Conc: N.D.



#6 AR-1016-4

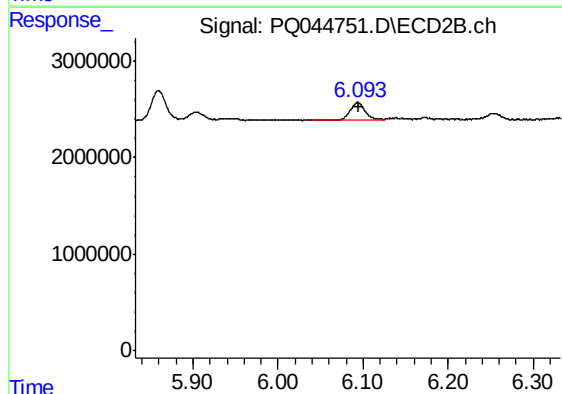
R.T.: 5.859 min
Delta R.T.: -0.001 min
Response: 3904039
Conc: 41.25 ng/ml



#7 AR-1016-5

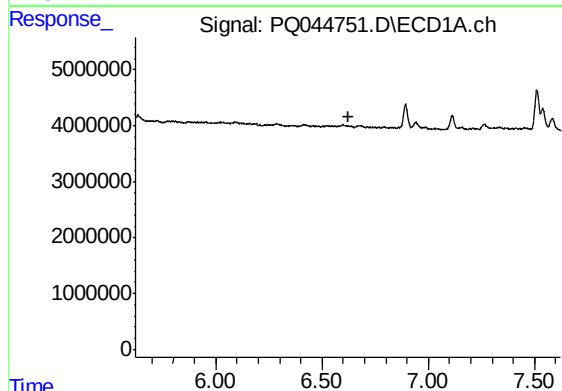
R.T.: 7.111 min
Delta R.T.: 0.000 min
Response: 2557297
Conc: 14.16 ng/ml

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



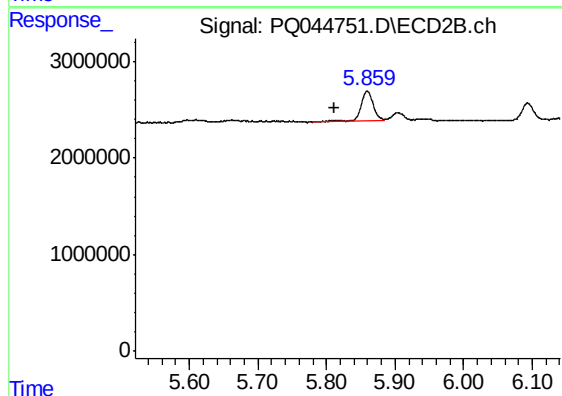
#7 AR-1016-5

R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 2041104
Conc: 16.34 ng/ml



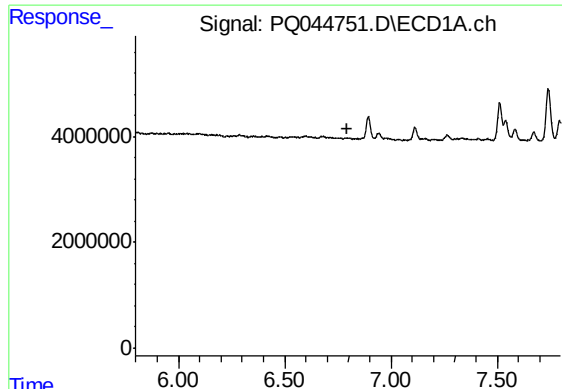
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.622 min
Response: 0
Conc: N.D.



#13 AR-1232-3

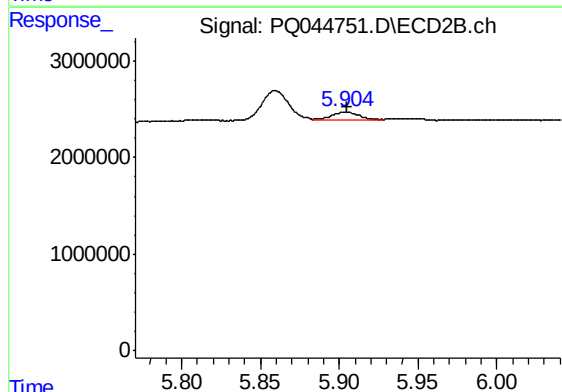
R.T.: 5.859 min
Delta R.T.: 0.047 min
Response: 3904039
Conc: 50.95 ng/ml



#14 AR-1232-4

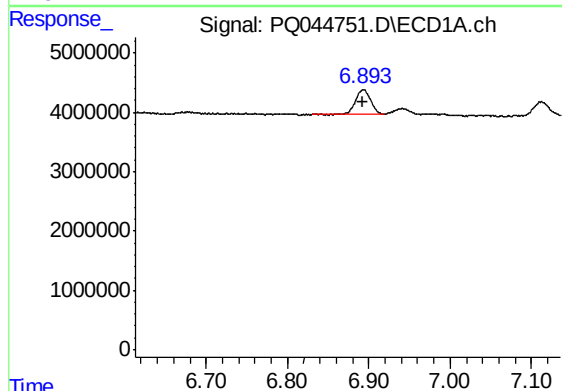
R.T.: 0.000 min
Exp R.T.: 6.797 min
Response: 0
Conc: N.D.

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



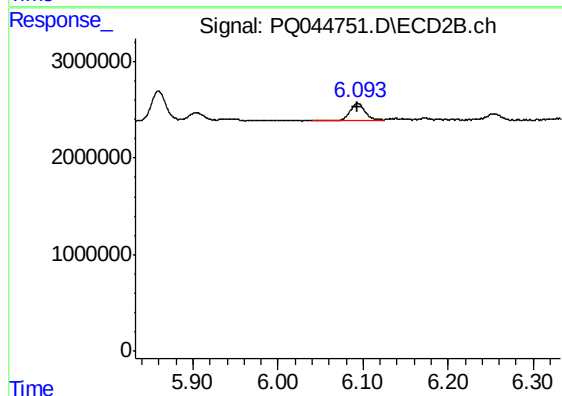
#14 AR-1232-4

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 1011391
Conc: 13.89 ng/ml



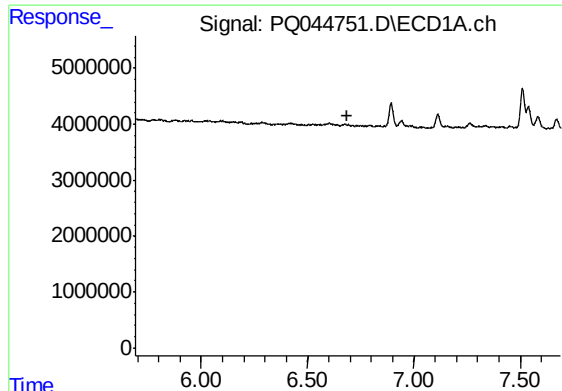
#15 AR-1232-5

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 5224356
Conc: 55.54 ng/ml



#15 AR-1232-5

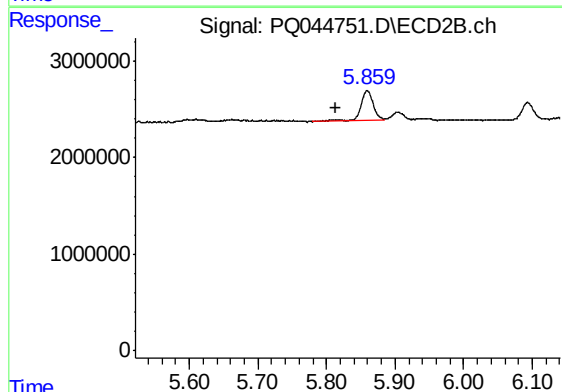
R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 2041104
Conc: 25.83 ng/ml



#18 AR-1242-3

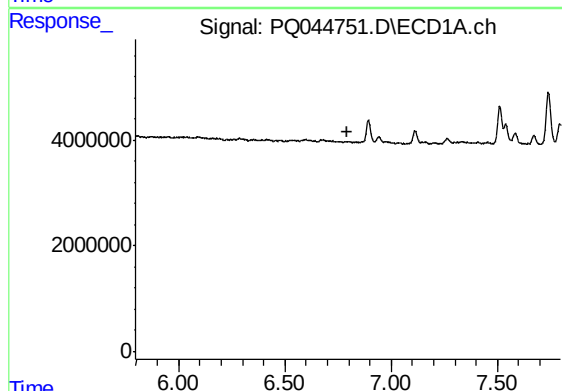
R.T.: 0.000 min
Exp R.T. : 6.690 min
Response: 0
Conc: N.D.

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



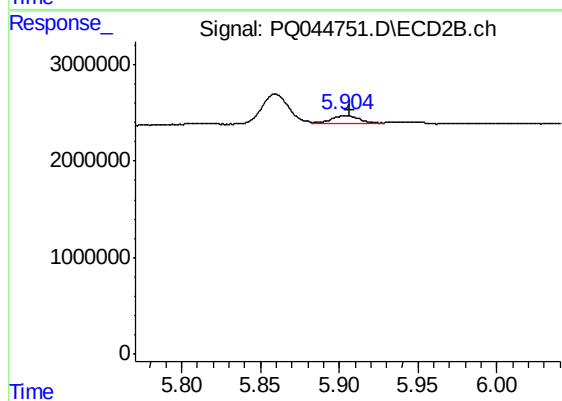
#18 AR-1242-3

R.T.: 5.859 min
Delta R.T.: 0.046 min
Response: 3904039
Conc: 46.38 ng/ml



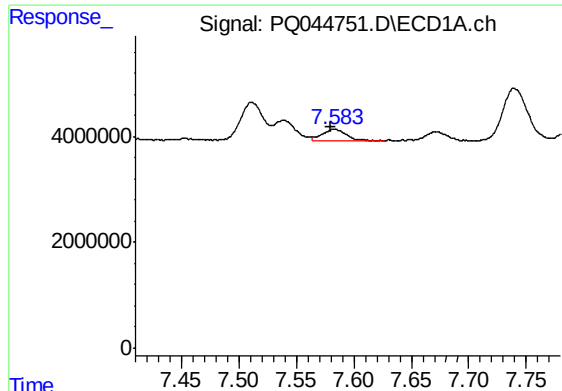
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.797 min
Response: 0
Conc: N.D.



#19 AR-1242-4

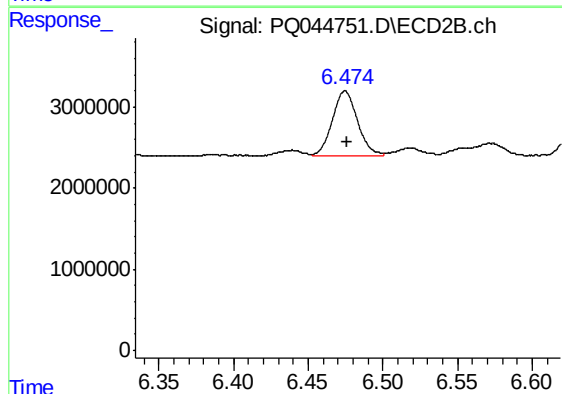
R.T.: 5.904 min
Delta R.T.: -0.002 min
Response: 1011391
Conc: 11.85 ng/ml



#20 AR-1242-5

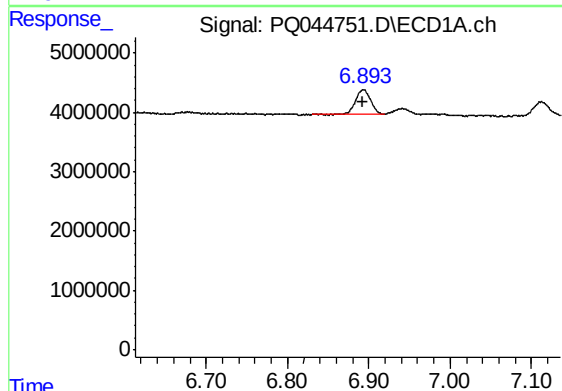
R.T.: 7.583 min
Delta R.T.: 0.003 min
Response: 3075254
Conc: 22.11 ng/ml

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



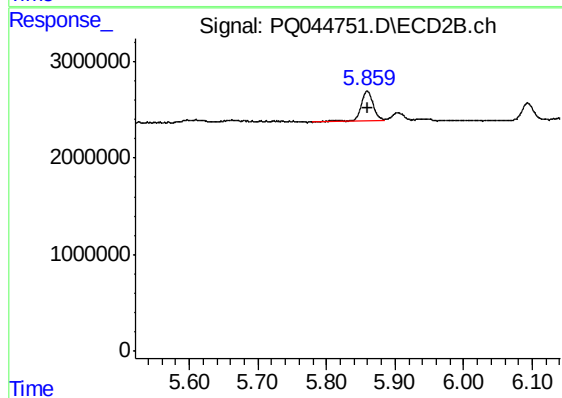
#20 AR-1242-5

R.T.: 6.475 min
Delta R.T.: -0.001 min
Response: 9392685
Conc: 76.89 ng/ml



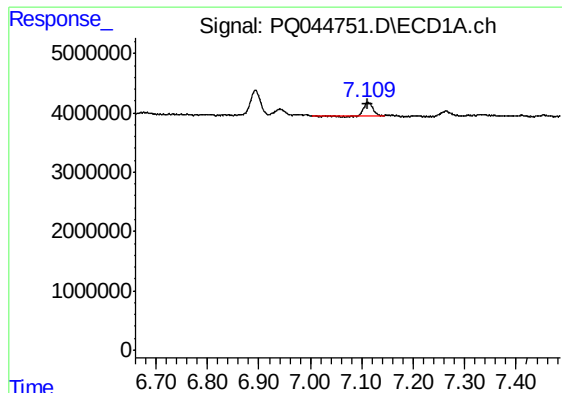
#22 AR-1248-2

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 5224356
Conc: 28.37 ng/ml



#22 AR-1248-2

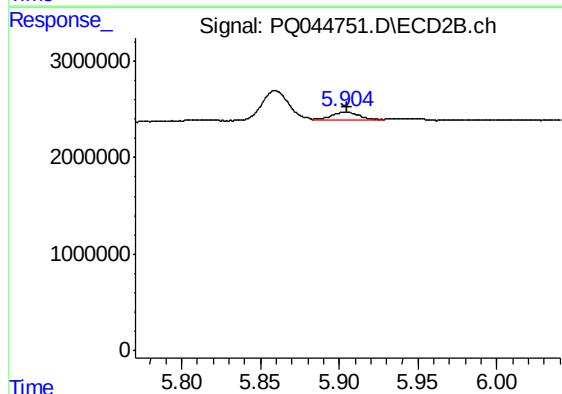
R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 3904039
Conc: 32.45 ng/ml



#23 AR-1248-3

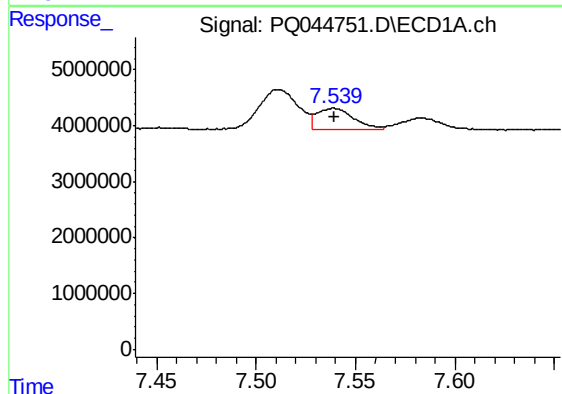
R.T.: 7.111 min
Delta R.T.: 0.000 min
Response: 2557297
Conc: 12.55 ng/ml

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



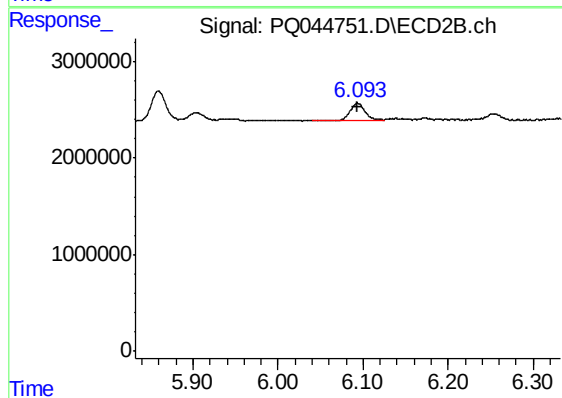
#23 AR-1248-3

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 1011391
Conc: 8.22 ng/ml



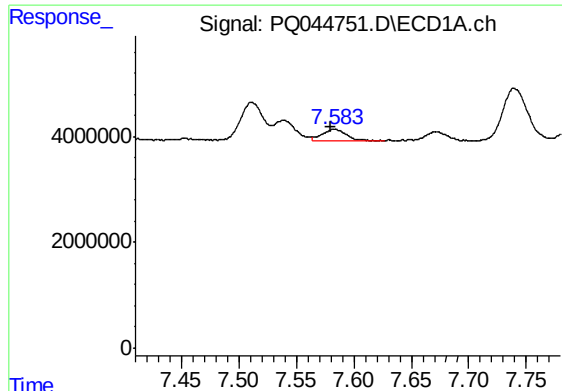
#24 AR-1248-4

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 4950500
Conc: 21.80 ng/ml



#24 AR-1248-4

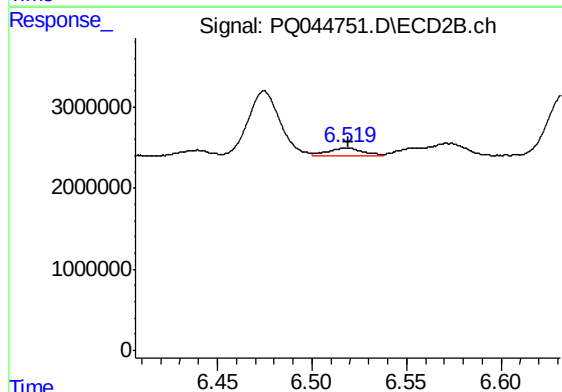
R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 2041104
Conc: 13.65 ng/ml



#25 AR-1248-5

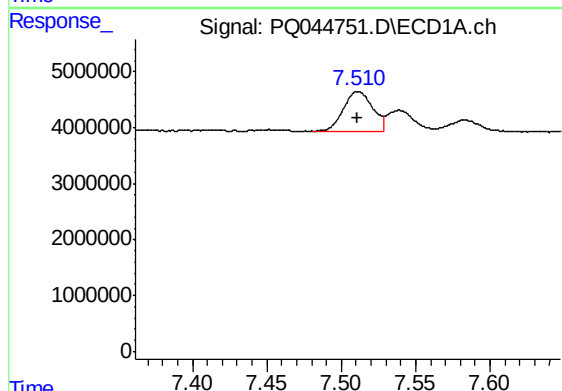
R.T.: 7.583 min
Delta R.T.: 0.003 min
Response: 3075254
Conc: 13.60 ng/ml

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



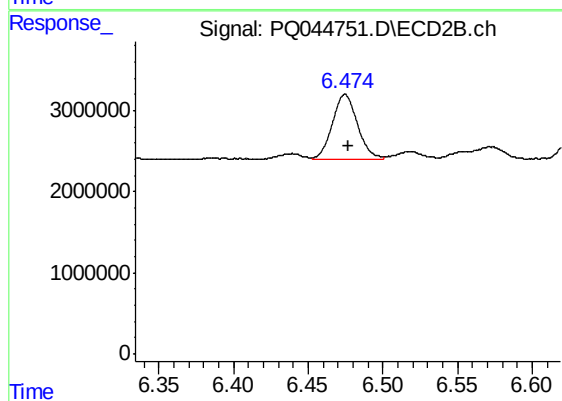
#25 AR-1248-5

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 1234709
Conc: 7.83 ng/ml



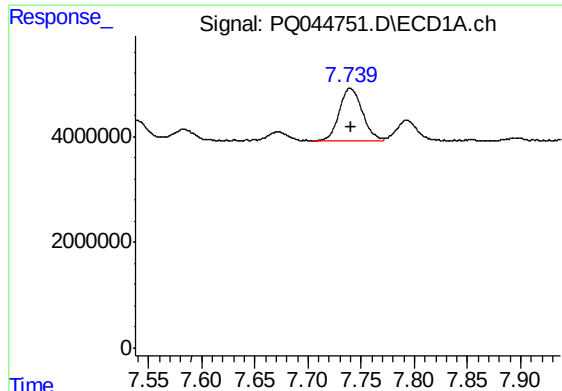
#26 AR-1254-1

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 9750834
Conc: 41.60 ng/ml



#26 AR-1254-1

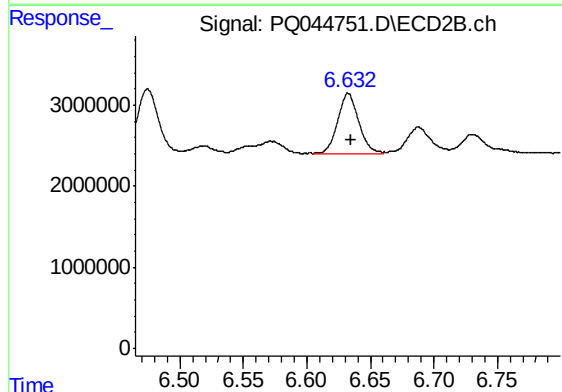
R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 9392685
Conc: 37.56 ng/ml



#27 AR-1254-2

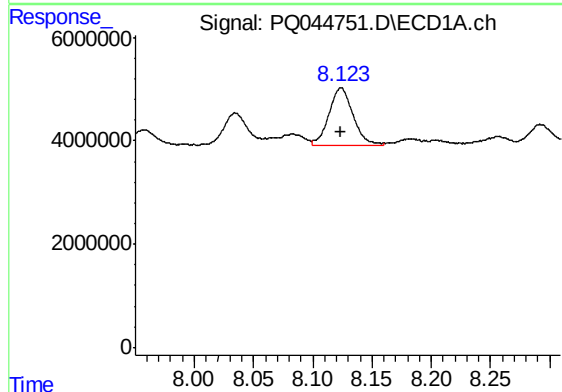
R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 15025578
Conc: 41.35 ng/ml

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



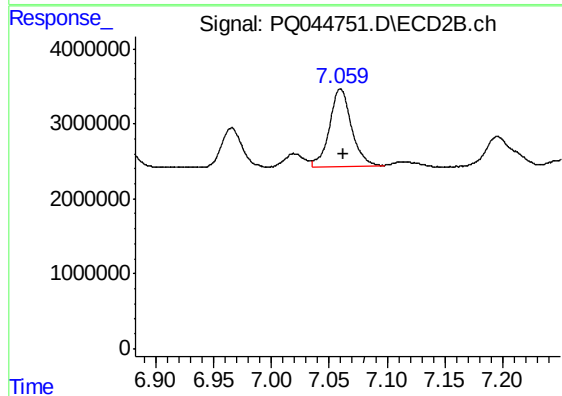
#27 AR-1254-2

R.T.: 6.633 min
Delta R.T.: -0.002 min
Response: 8598942
Conc: 38.10 ng/ml



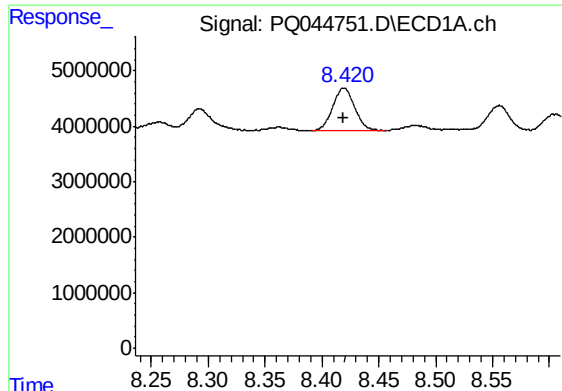
#28 AR-1254-3

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 15537084
Conc: 40.35 ng/ml



#28 AR-1254-3

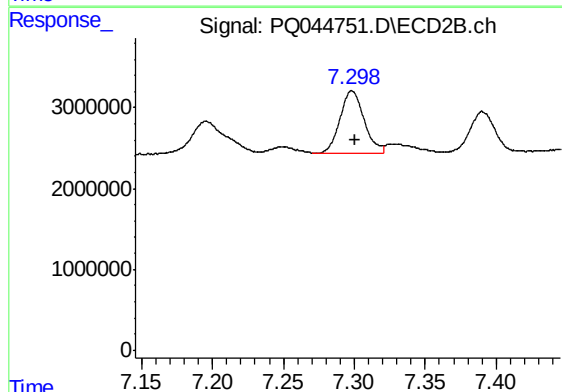
R.T.: 7.060 min
Delta R.T.: -0.003 min
Response: 13625424
Conc: 33.98 ng/ml



#29 AR-1254-4

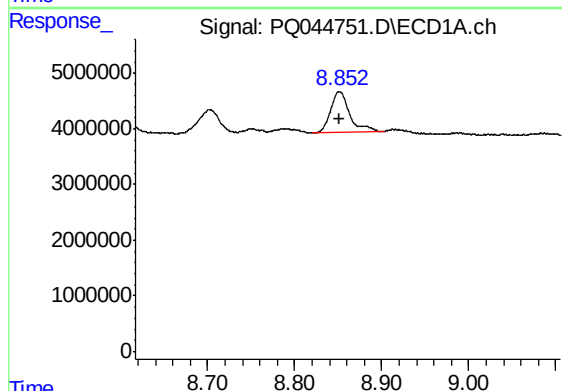
R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 10613561
Conc: 38.66 ng/ml

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



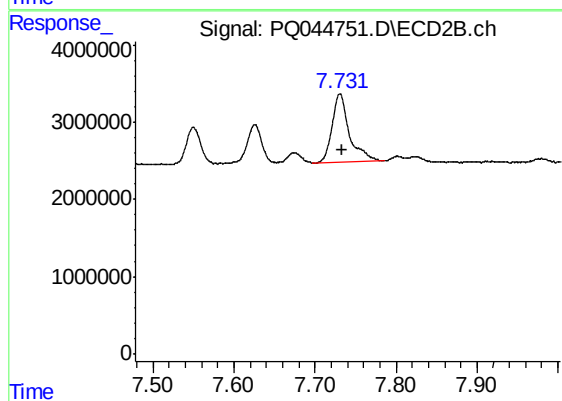
#29 AR-1254-4

R.T.: 7.298 min
Delta R.T.: -0.003 min
Response: 9024369
Conc: 34.28 ng/ml



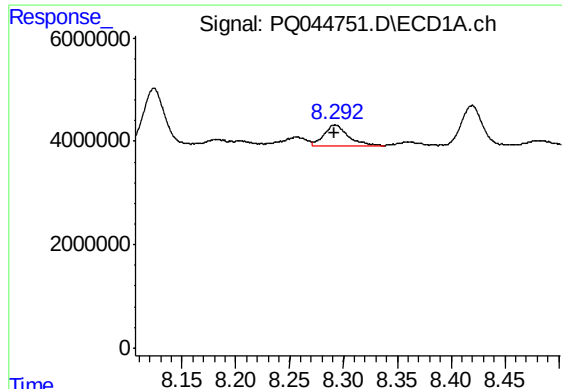
#30 AR-1254-5

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 11309398
Conc: 39.23 ng/ml



#30 AR-1254-5

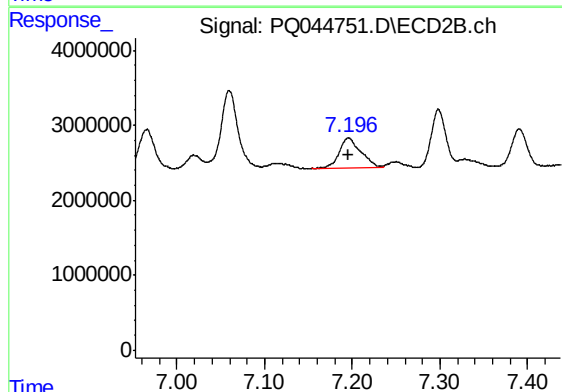
R.T.: 7.731 min
Delta R.T.: -0.003 min
Response: 13151316
Conc: 33.39 ng/ml



#31 AR-1260-1

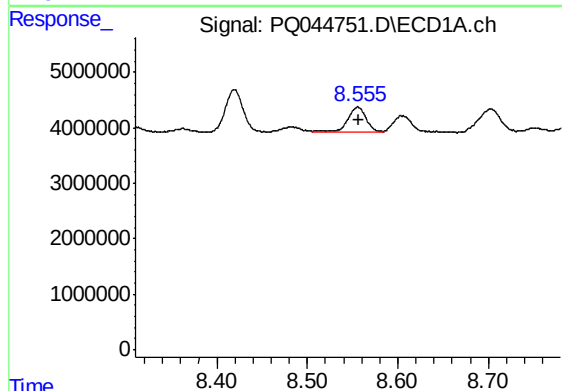
R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 6210827
Conc: 22.56 ng/ml

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



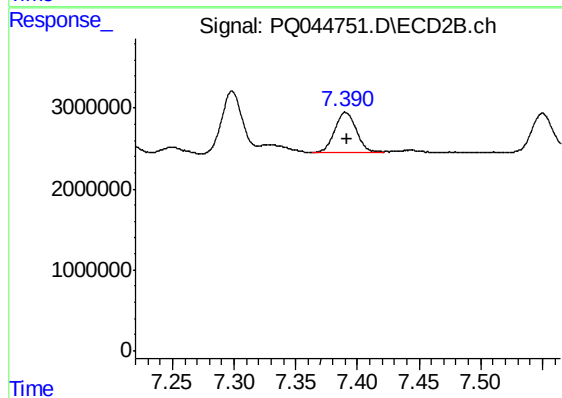
#31 AR-1260-1

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 6924824
Conc: 27.33 ng/ml



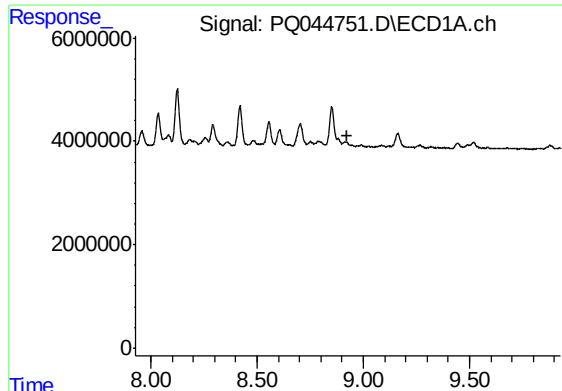
#32 AR-1260-2

R.T.: 8.556 min
Delta R.T.: 0.000 min
Response: 6911644
Conc: 21.44 ng/ml



#32 AR-1260-2

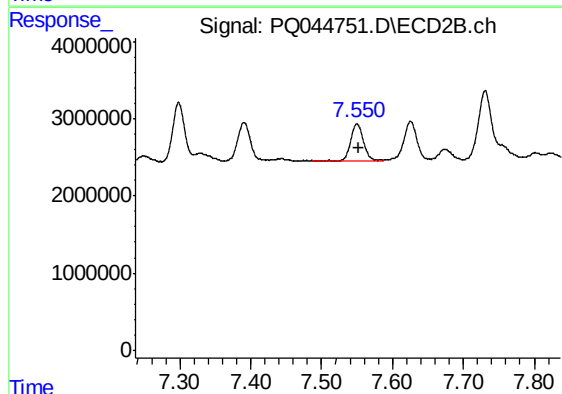
R.T.: 7.390 min
Delta R.T.: -0.002 min
Response: 6057060
Conc: 18.49 ng/ml



#33 AR-1260-3

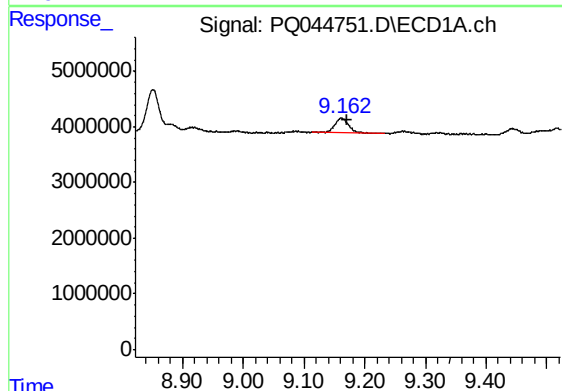
R.T.: 0.000 min
Exp R.T.: 8.927 min
Response: 0
Conc: N.D.

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



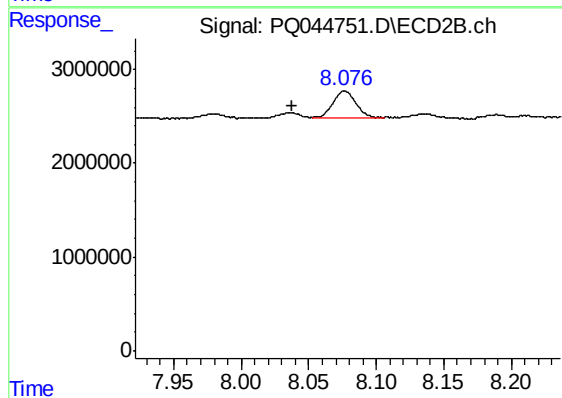
#33 AR-1260-3

R.T.: 7.550 min
Delta R.T.: -0.002 min
Response: 5716688
Conc: 19.40 ng/ml



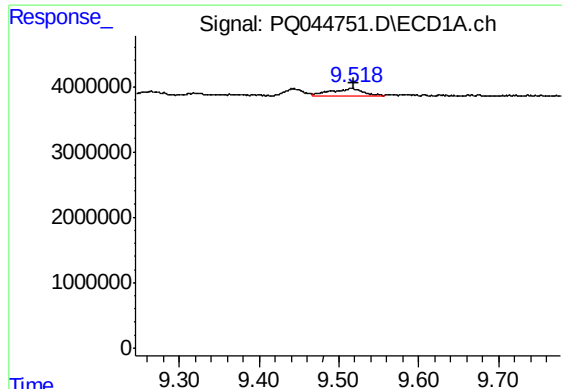
#34 AR-1260-4

R.T.: 9.161 min
Delta R.T.: -0.010 min
Response: 4500631
Conc: 16.47 ng/ml



#34 AR-1260-4

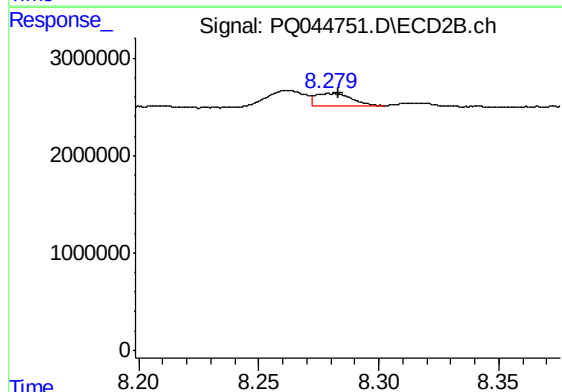
R.T.: 8.077 min
Delta R.T.: 0.039 min
Response: 3440835
Conc: 12.67 ng/ml



#35 AR-1260-5

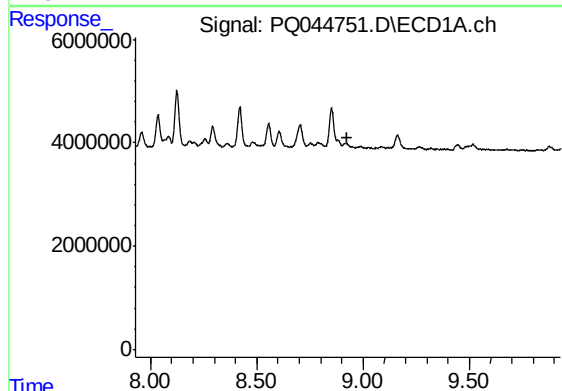
R.T.: 9.517 min
Delta R.T.: -0.001 min
Response: 3156674
Conc: 6.20 ng/ml

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



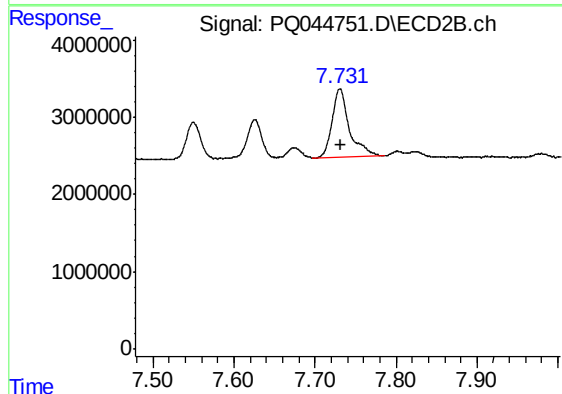
#35 AR-1260-5

R.T.: 8.279 min
Delta R.T.: -0.004 min
Response: 1328302
Conc: 1.93 ng/ml



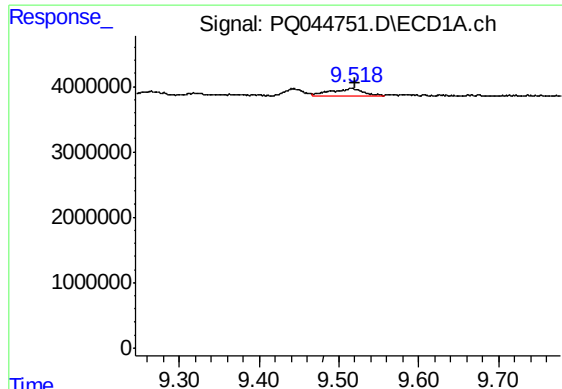
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.928 min
Response: 0
Conc: N.D.



#36 AR-1262-1

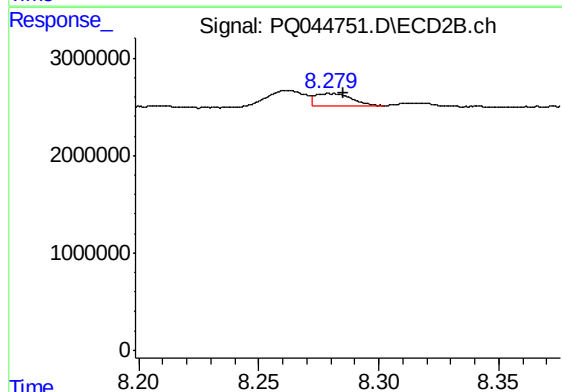
R.T.: 7.731 min
Delta R.T.: -0.002 min
Response: 13151316
Conc: 62.53 ng/ml



#37 AR-1262-2

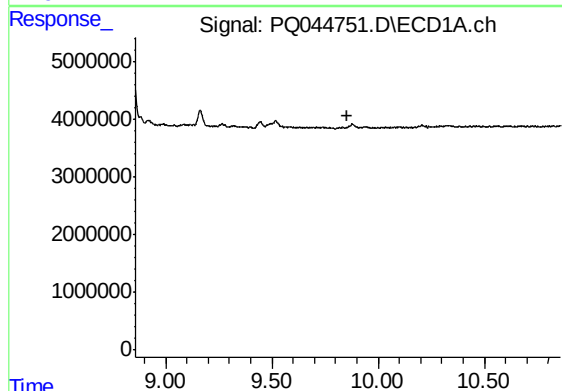
R.T.: 9.517 min
Delta R.T.: -0.003 min
Response: 3156674
Conc: 5.52 ng/ml

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



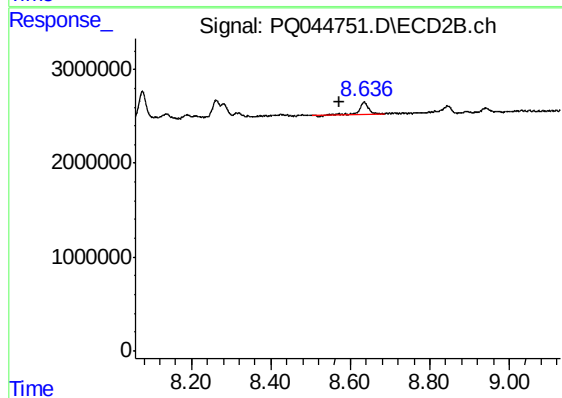
#37 AR-1262-2

R.T.: 8.279 min
Delta R.T.: -0.006 min
Response: 1328302
Conc: 1.56 ng/ml



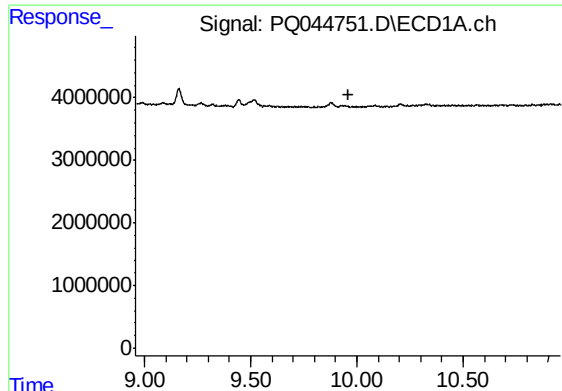
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.857 min
Response: 0
Conc: N.D.



#38 AR-1262-3

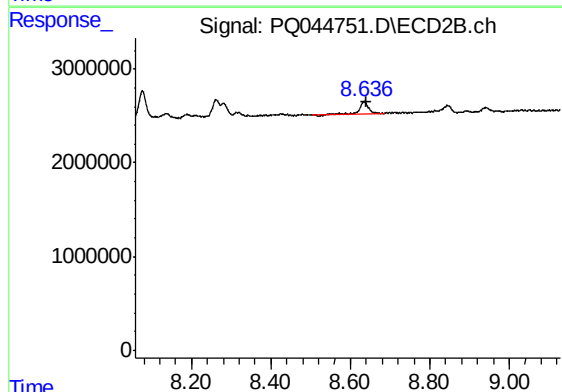
R.T.: 8.635 min
Delta R.T.: 0.062 min
Response: 2139680
Conc: 6.30 ng/ml



#39 AR-1262-4

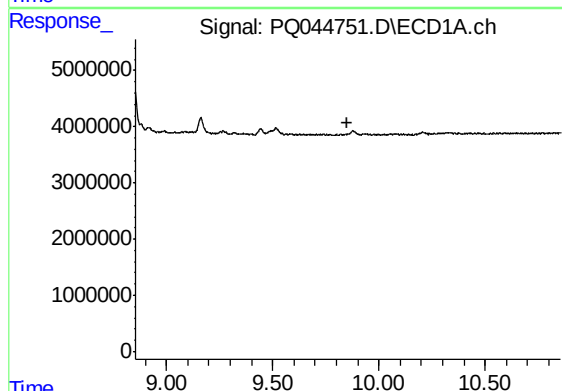
R.T.: 0.000 min
Exp R.T. : 9.958 min
Response: 0
Conc: N.D.

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



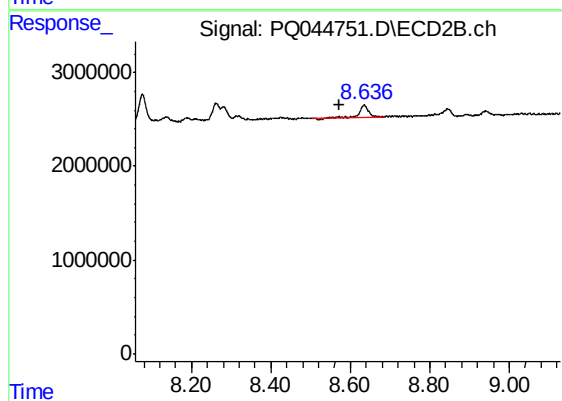
#39 AR-1262-4

R.T.: 8.635 min
Delta R.T.: -0.005 min
Response: 2139680
Conc: 3.19 ng/ml



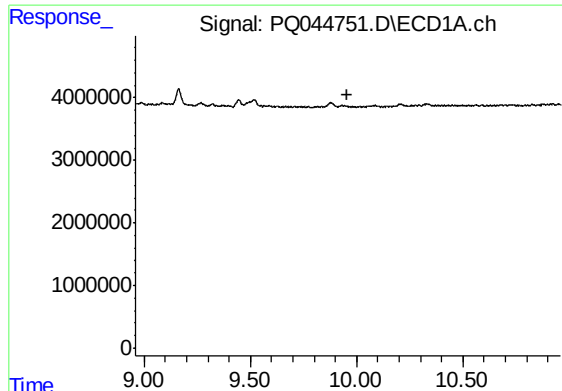
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.854 min
Response: 0
Conc: N.D.



#41 AR-1268-1

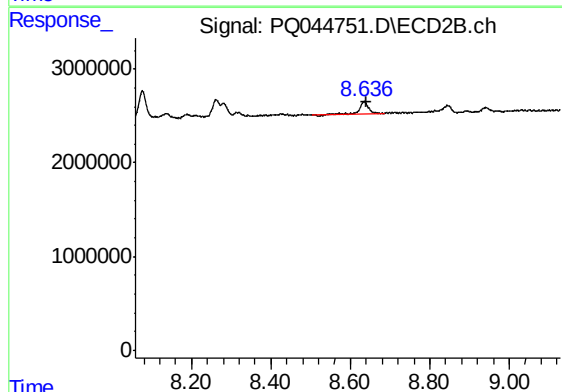
R.T.: 8.635 min
Delta R.T.: 0.062 min
Response: 2139680
Conc: 2.14 ng/ml



#42 AR-1268-2

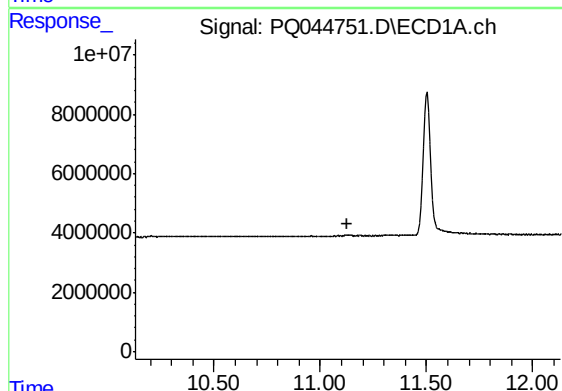
R.T.: 0.000 min
Exp R.T. : 9.959 min
Response: 0
Conc: N.D.

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



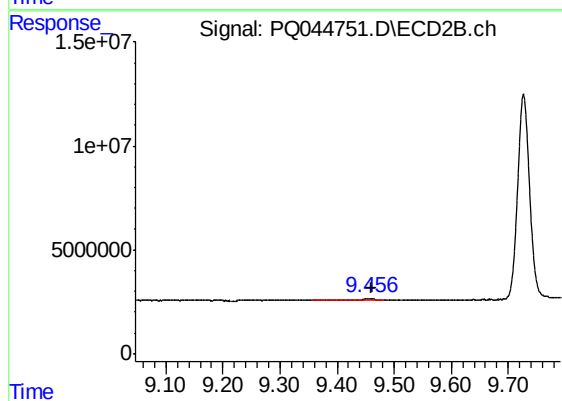
#42 AR-1268-2

R.T.: 8.635 min
Delta R.T.: -0.004 min
Response: 2139680
Conc: 2.25 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.: 9.456 min
Delta R.T.: -0.005 min
Response: 1047583
Conc: 0.36 ng/ml