

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040919\
 Data File : PR037014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2019 16:15
 Operator : SM\SJ
 Sample : K1560-01
 Misc : AR1254 LOD 40PPB
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 03:44:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 03 03:09:33 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...	4.395	3.468	35805893	144.7E6	22.475	24.709
2)	SA Decachlor...	10.035	8.321	49562379	238.1E6	26.454	29.824
Target Compounds							
5)	L1 AR-1016-3	0.000	4.745	0	7351689	N.D.	37.690 #
6)	L1 AR-1016-4	0.000	4.745	0	7351689	N.D.	48.413 #
7)	L1 AR-1016-5	0.000	4.951	0	4242211	N.D.	20.412 #
13)	L3 AR-1232-3	0.000	4.745	0	7351689	N.D.	127.952 #
14)	L3 AR-1232-4	0.000	4.784	0	1977888	N.D.	39.984 #
15)	L3 AR-1232-5	0.000	4.951	0	4242211	N.D.	74.019 #
18)	L4 AR-1242-3	0.000	4.745	0	7351689	N.D.	76.890 #
19)	L4 AR-1242-4	0.000	4.784	0	1977888	N.D.	21.906 #
20)	L4 AR-1242-5	6.399	5.293	2317800	22164376	75.431	160.547 #
22)	L5 AR-1248-2	0.000	4.745	0	7351689	N.D.	54.442 #
23)	L5 AR-1248-3	0.000	4.784	0	1977888	N.D.	14.212 #
24)	L5 AR-1248-4	6.399	4.951	2317800	4242211	43.136	24.054 #
25)	L5 AR-1248-5	6.399	5.293	2317800	22164376	44.725	114.007 #
26)	L6 AR-1254-1	6.399	5.293	2317800	22164376	39.990	67.392 #
27)	L6 AR-1254-2	6.616	5.438	5988479	21136445	64.129	71.393
28)	L6 AR-1254-3	6.982	5.831	6390711	31268080	61.527	61.465
29)	L6 AR-1254-4	7.265	6.057	4957382	26614905	63.442	69.450
30)	L6 AR-1254-5	7.682	6.465	5634599	38098691	55.153	74.934 #
31)	L7 AR-1260-1	0.000	5.958	0	17035316	N.D.	38.949 #
32)	L7 AR-1260-2	7.397	6.144	2960116	20339598	24.123	31.097 #
33)	L7 AR-1260-3	0.000	6.292	0	14293502	N.D.	27.025 #
34)	L7 AR-1260-4	0.000	6.793	0	7310642	N.D.	15.676 #
35)	L7 AR-1260-5	0.000	6.995	0	5912383	N.D.	4.440 #
36)	L8 AR-1262-1	0.000	6.557	0	3482512	N.D.	12.704 #
37)	L8 AR-1262-2	0.000	6.995	0	5912383	N.D.	4.314 #
38)	L8 AR-1262-3	0.000	7.336	0	25617934	N.D.	46.930 #
39)	L8 AR-1262-4	0.000	7.336	0	25617934	N.D.	27.888 #
40)	L8 AR-1262-5	0.000	7.829	0	28362670	N.D.	70.611 #
41)	L9 AR-1268-1	0.000	7.336	0	25617934	N.D.	17.310 #
42)	L9 AR-1268-2	0.000	7.336	0	25617934	N.D.	20.406 #
43)	L9 AR-1268-3	0.000	7.534	0	22803962	N.D.	23.446 #
44)	L9 AR-1268-4	0.000	7.829	0	28362670	N.D.	65.294 #

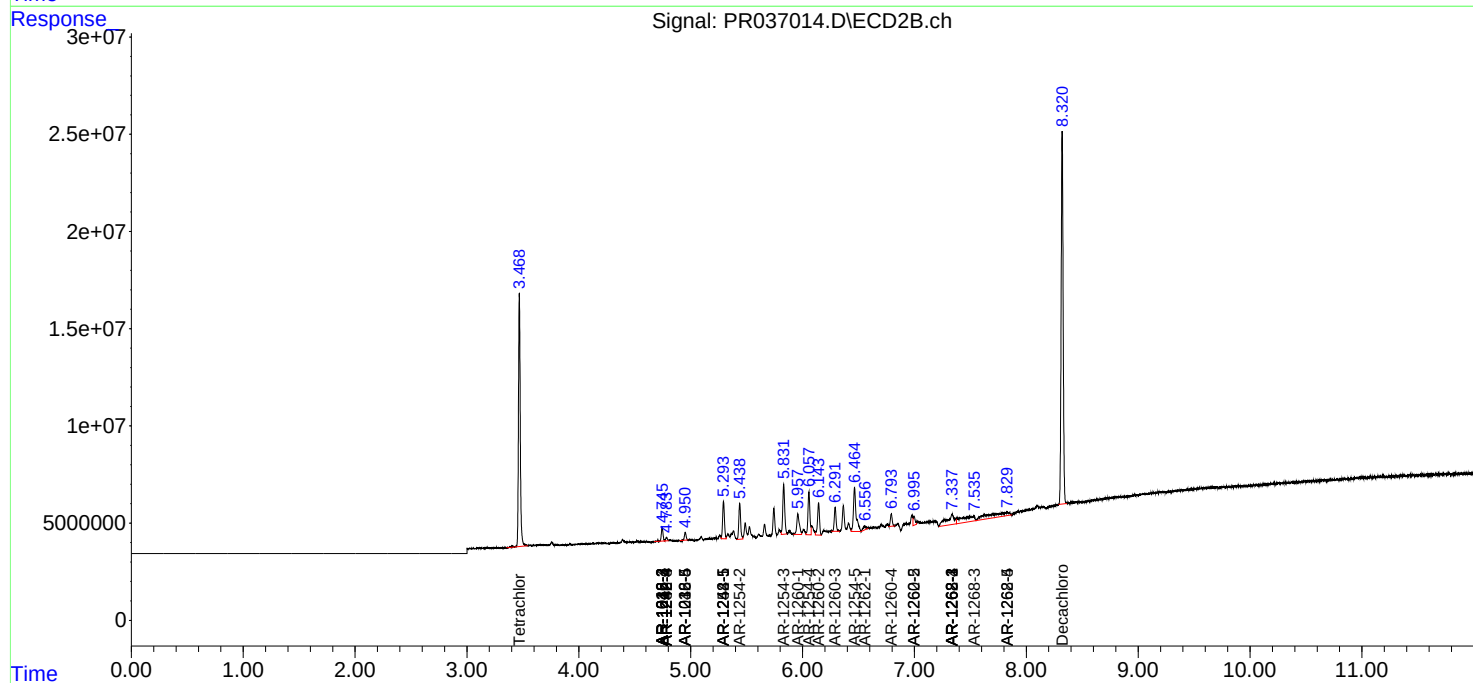
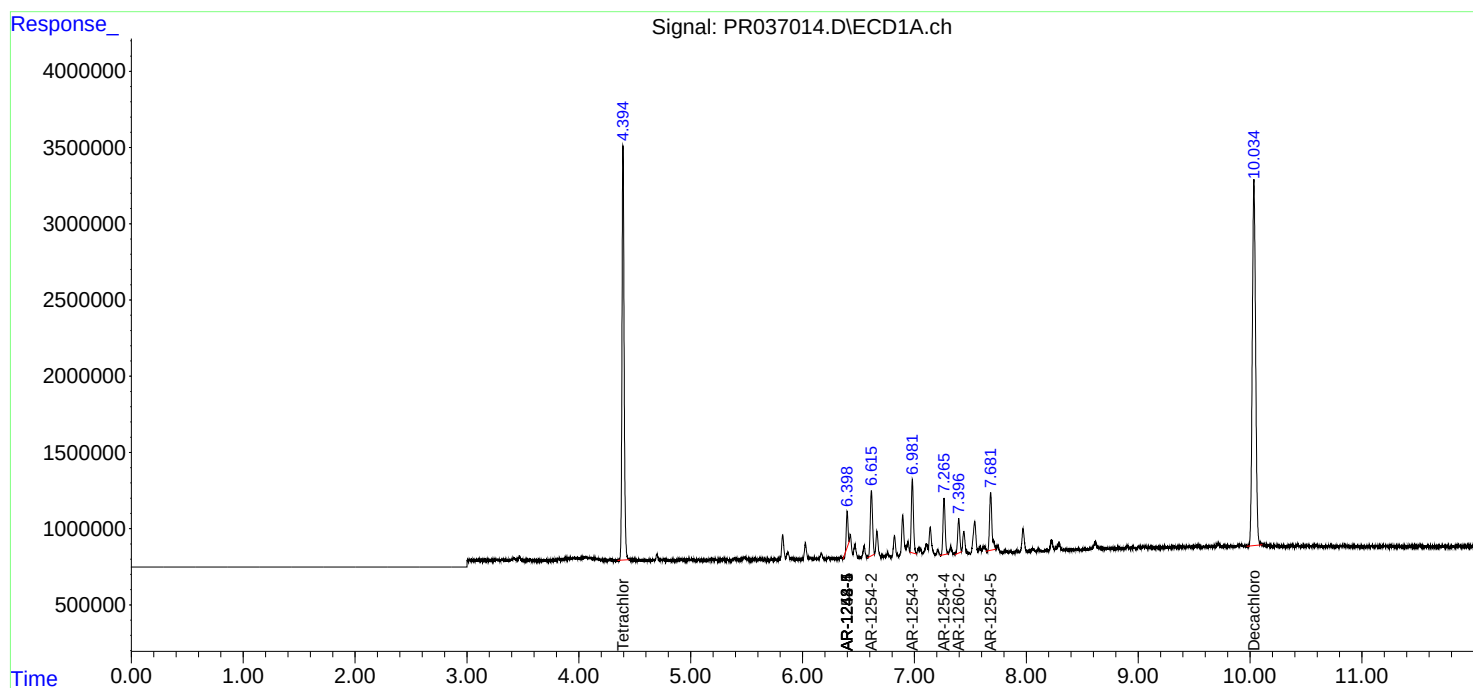
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

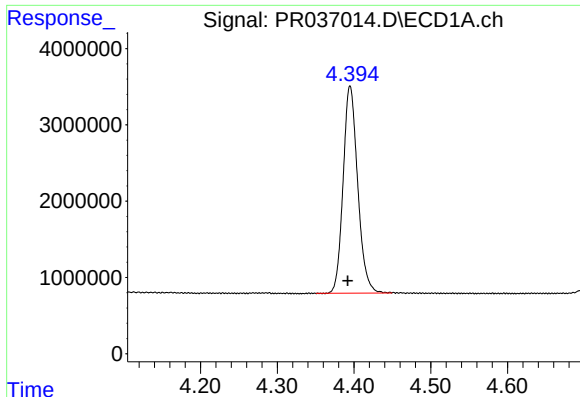
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040919\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

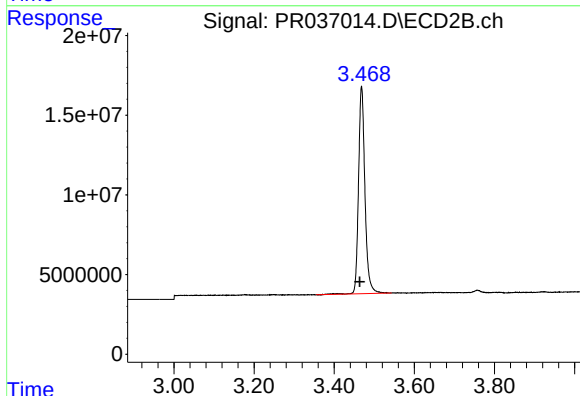




#1 Tetrachloro-m-xylene

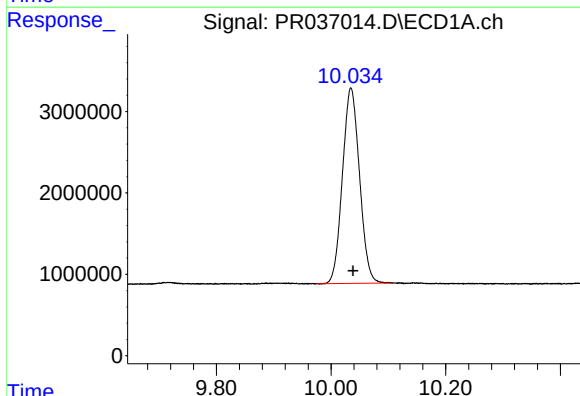
R.T.: 4.395 min
Delta R.T.: 0.003 min
Response: 35805893
Conc: 22.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



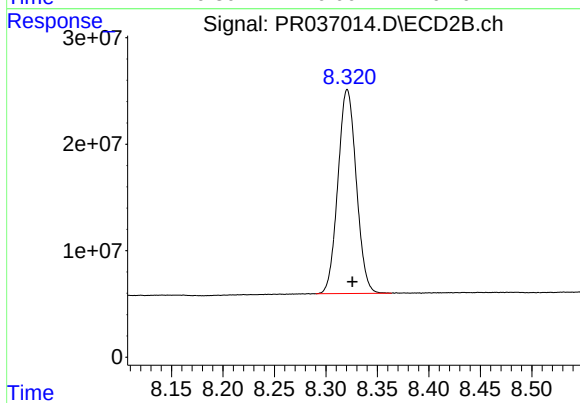
#1 Tetrachloro-m-xylene

R.T.: 3.468 min
Delta R.T.: 0.005 min
Response: 144745450
Conc: 24.71 ng/ml



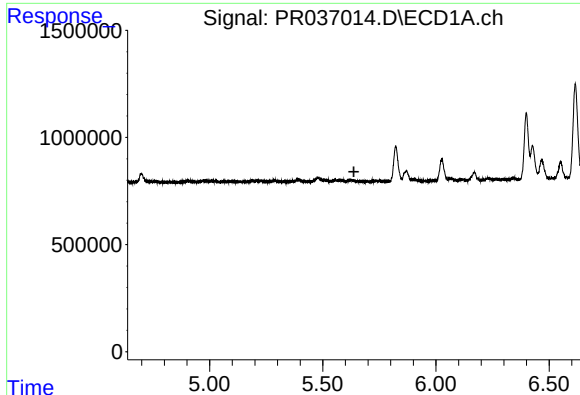
#2 Decachlorobiphenyl

R.T.: 10.035 min
Delta R.T.: -0.004 min
Response: 49562379
Conc: 26.45 ng/ml



#2 Decachlorobiphenyl

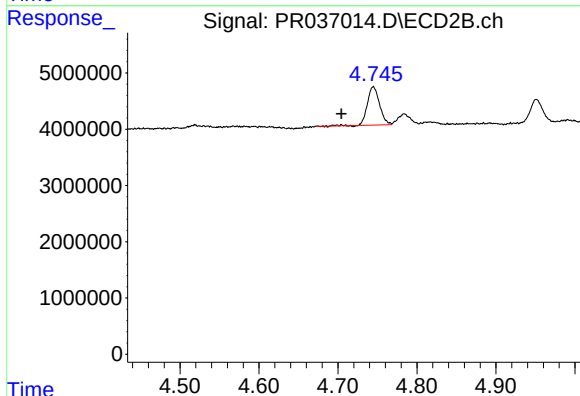
R.T.: 8.321 min
Delta R.T.: -0.005 min
Response: 238061658
Conc: 29.82 ng/ml



#5 AR-1016-3

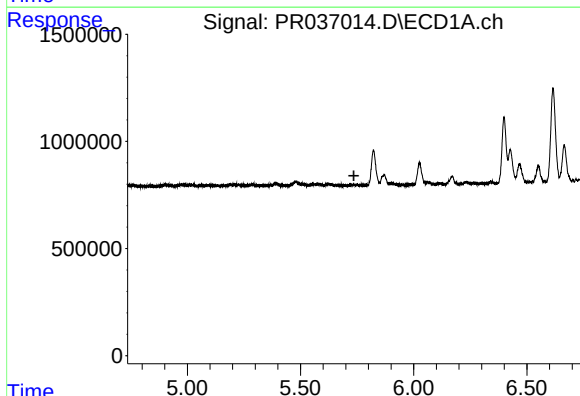
R.T.: 0.000 min
Exp R.T.: 5.638 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



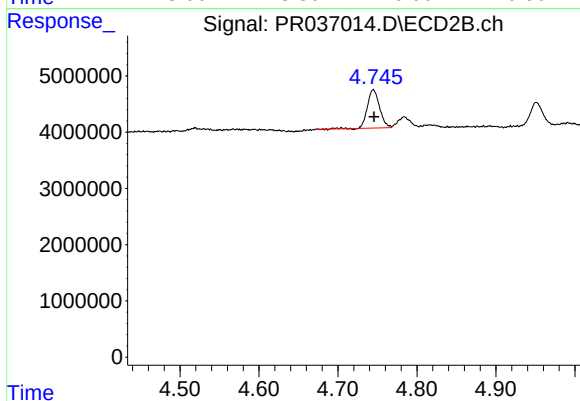
#5 AR-1016-3

R.T.: 4.745 min
Delta R.T.: 0.040 min
Response: 7351689
Conc: 37.69 ng/ml



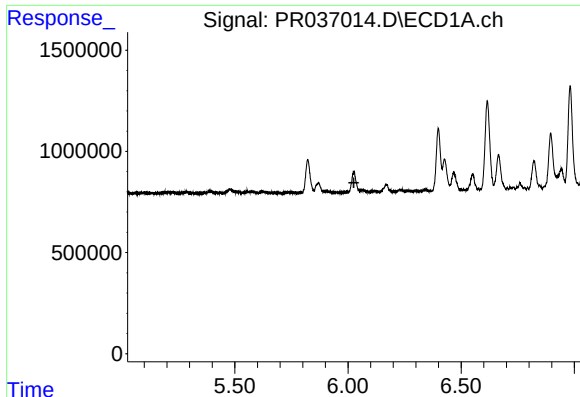
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.736 min
Response: 0
Conc: N.D.



#6 AR-1016-4

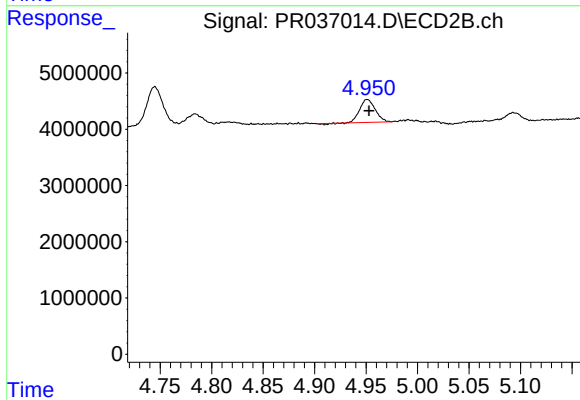
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 7351689
Conc: 48.41 ng/ml



#7 AR-1016-5

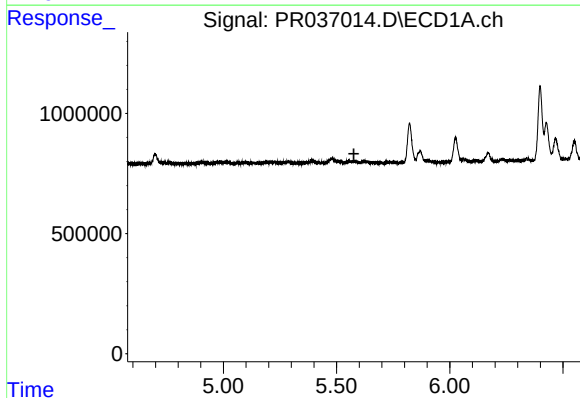
R.T.: 0.000 min
Exp R.T.: 6.026 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



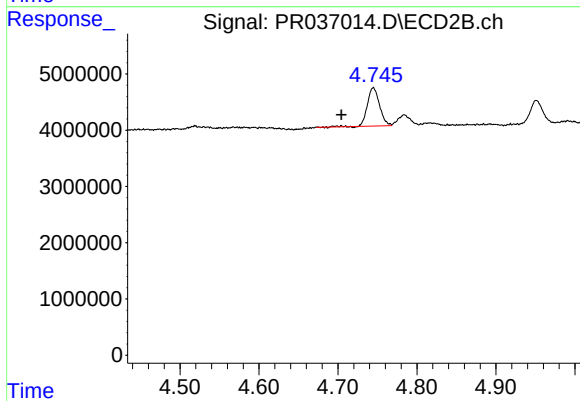
#7 AR-1016-5

R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 4242211
Conc: 20.41 ng/ml



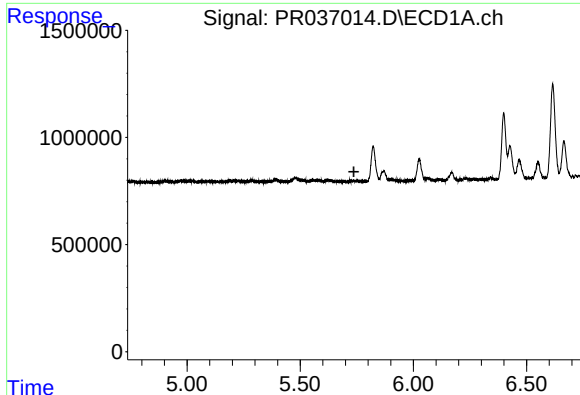
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.576 min
Response: 0
Conc: N.D.



#13 AR-1232-3

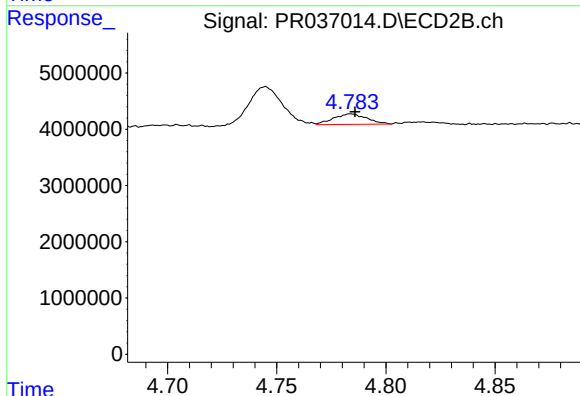
R.T.: 4.745 min
Delta R.T.: 0.040 min
Response: 7351689
Conc: 127.95 ng/ml



#14 AR-1232-4

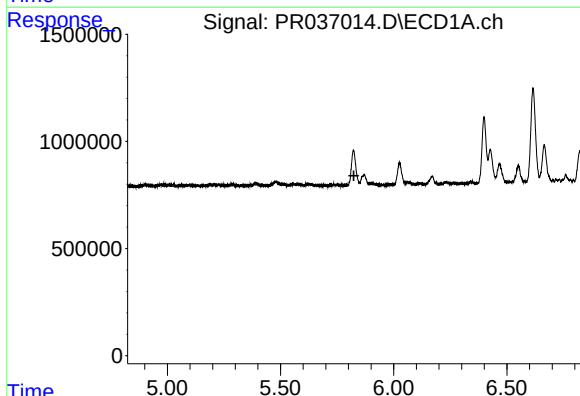
R.T.: 0.000 min
Exp R.T.: 5.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



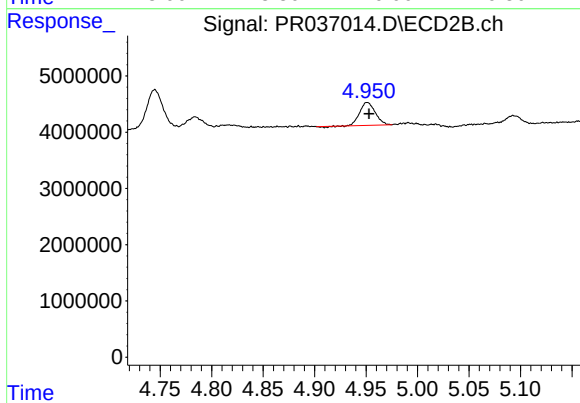
#14 AR-1232-4

R.T.: 4.784 min
Delta R.T.: -0.002 min
Response: 1977888
Conc: 39.98 ng/ml



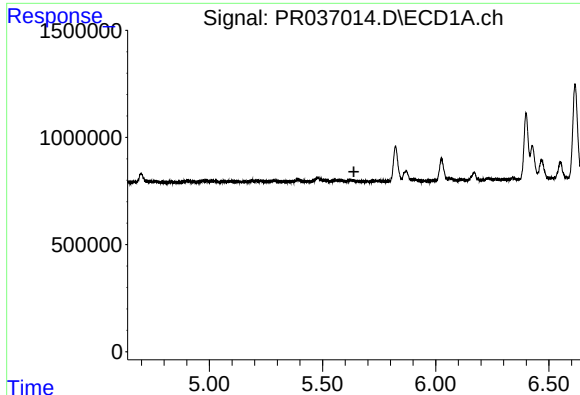
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.824 min
Response: 0
Conc: N.D.



#15 AR-1232-5

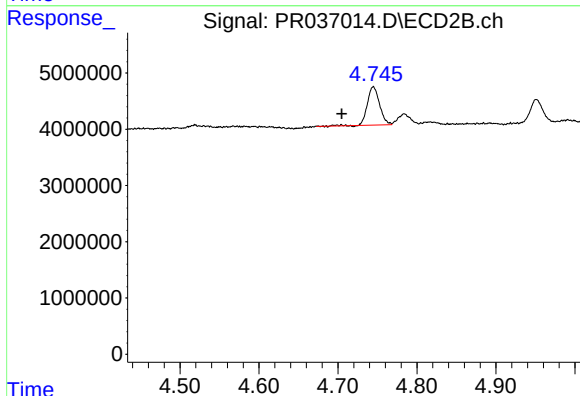
R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 4242211
Conc: 74.02 ng/ml



#18 AR-1242-3

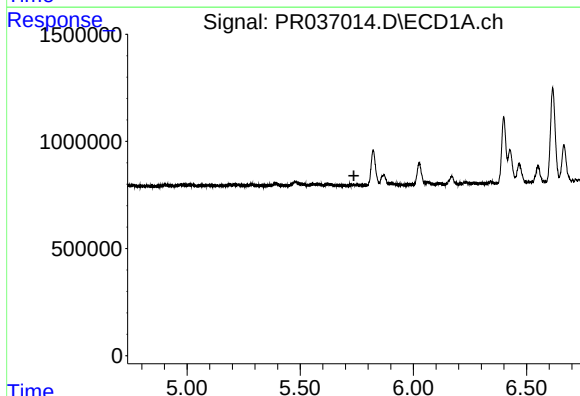
R.T.: 0.000 min
Exp R.T.: 5.639 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



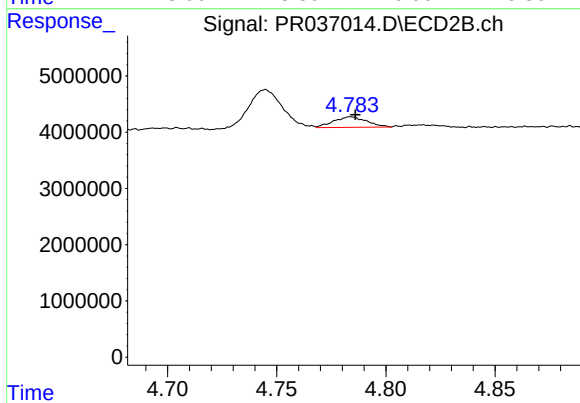
#18 AR-1242-3

R.T.: 4.745 min
Delta R.T.: 0.040 min
Response: 7351689
Conc: 76.89 ng/ml



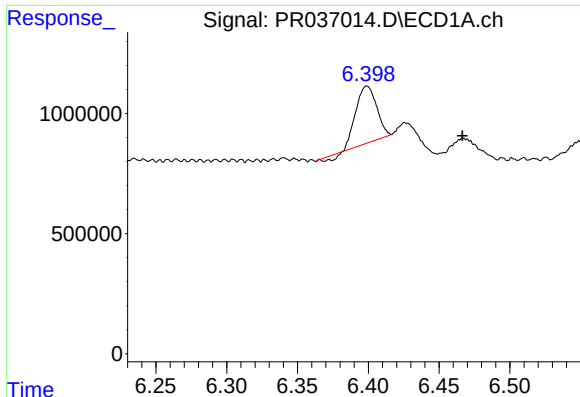
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.737 min
Response: 0
Conc: N.D.



#19 AR-1242-4

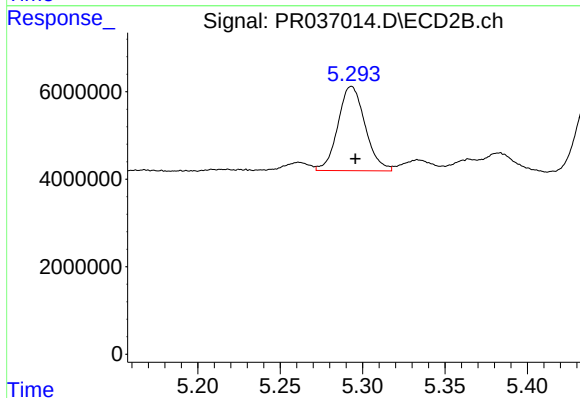
R.T.: 4.784 min
Delta R.T.: -0.002 min
Response: 1977888
Conc: 21.91 ng/ml



#20 AR-1242-5

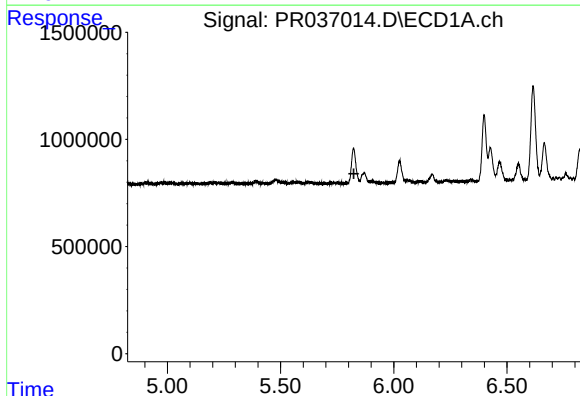
R.T.: 6.399 min
Delta R.T.: -0.067 min
Response: 2317800
Conc: 75.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



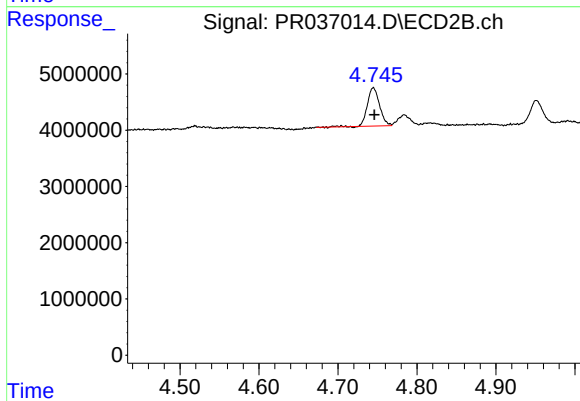
#20 AR-1242-5

R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 22164376
Conc: 160.55 ng/ml



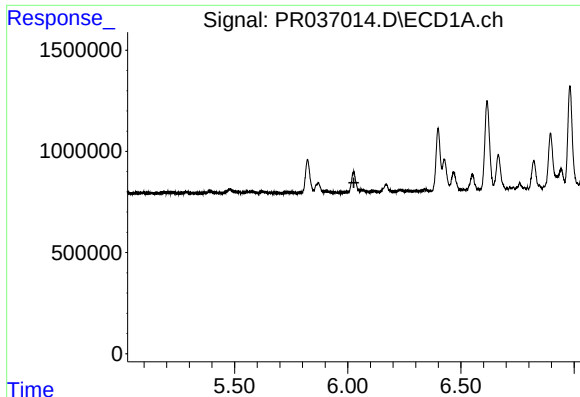
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.824 min
Response: 0
Conc: N.D.



#22 AR-1248-2

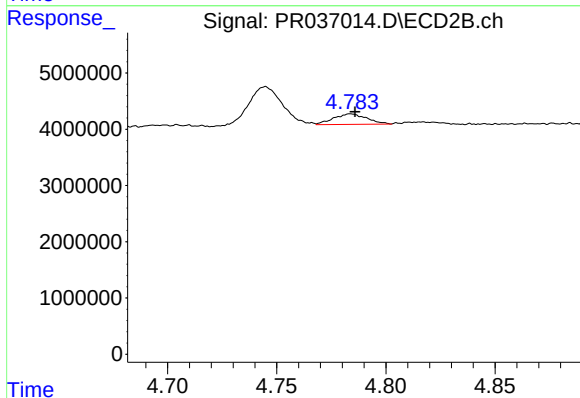
R.T.: 4.745 min
Delta R.T.: -0.001 min
Response: 7351689
Conc: 54.44 ng/ml



#23 AR-1248-3

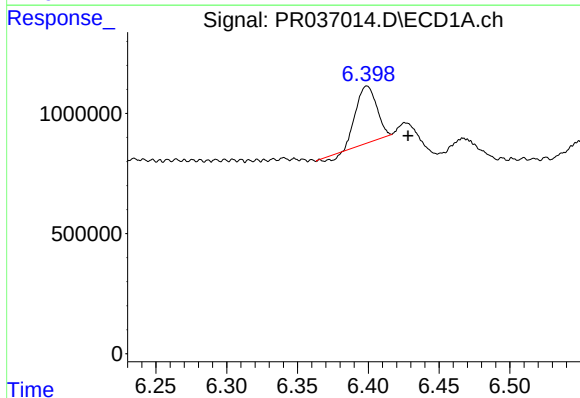
R.T.: 0.000 min
Exp R.T.: 6.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



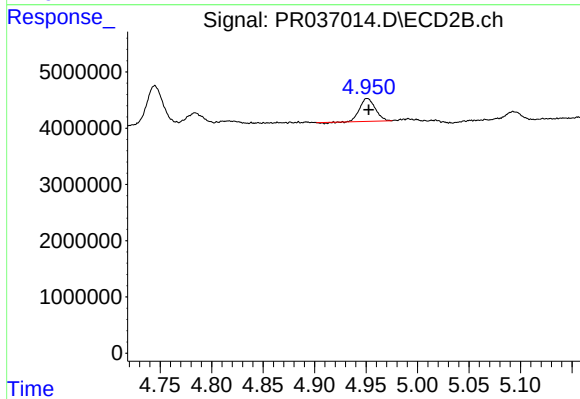
#23 AR-1248-3

R.T.: 4.784 min
Delta R.T.: -0.002 min
Response: 1977888
Conc: 14.21 ng/ml



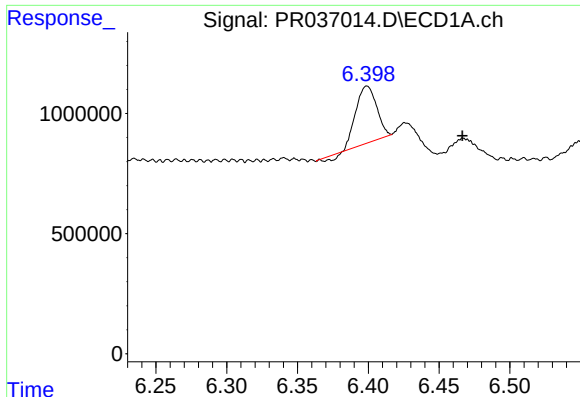
#24 AR-1248-4

R.T.: 6.399 min
Delta R.T.: -0.029 min
Response: 2317800
Conc: 43.14 ng/ml



#24 AR-1248-4

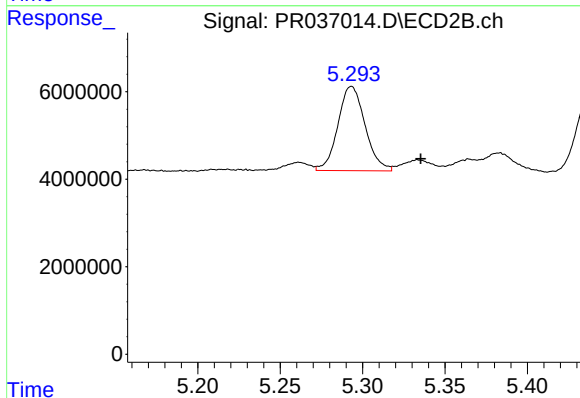
R.T.: 4.951 min
Delta R.T.: -0.001 min
Response: 4242211
Conc: 24.05 ng/ml



#25 AR-1248-5

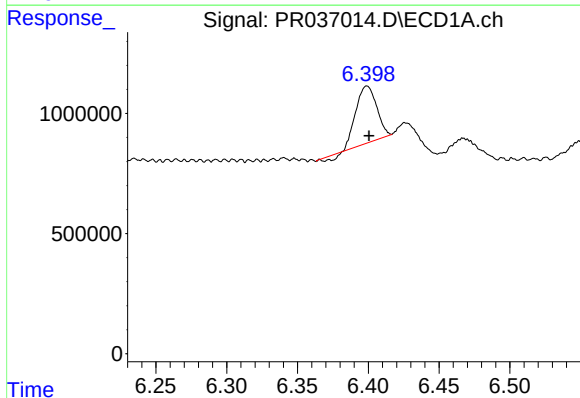
R.T.: 6.399 min
Delta R.T.: -0.067 min
Response: 2317800
Conc: 44.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



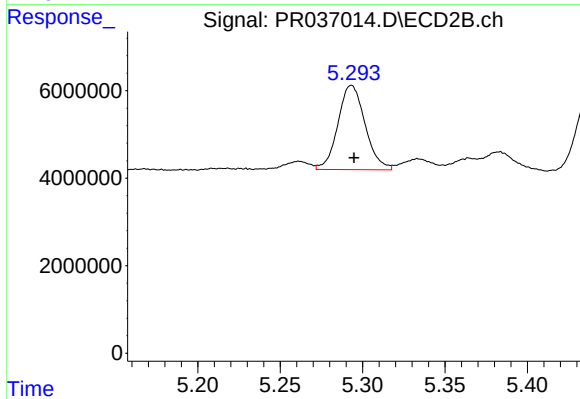
#25 AR-1248-5

R.T.: 5.293 min
Delta R.T.: -0.042 min
Response: 22164376
Conc: 114.01 ng/ml



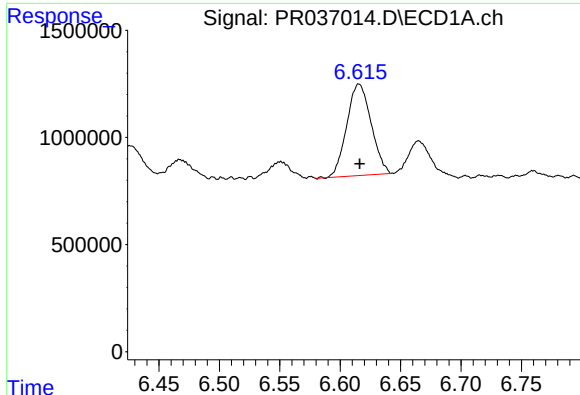
#26 AR-1254-1

R.T.: 6.399 min
Delta R.T.: -0.001 min
Response: 2317800
Conc: 39.99 ng/ml



#26 AR-1254-1

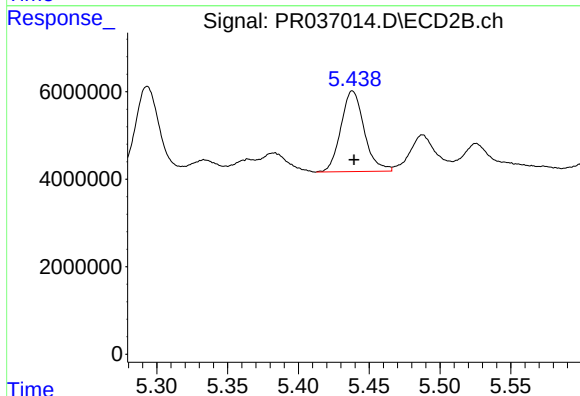
R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 22164376
Conc: 67.39 ng/ml



#27 AR-1254-2

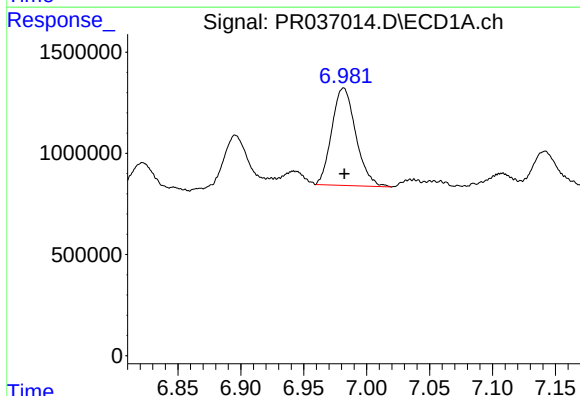
R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 5988479
Conc: 64.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



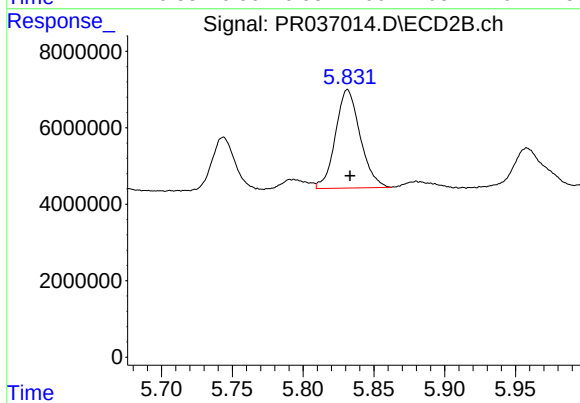
#27 AR-1254-2

R.T.: 5.438 min
Delta R.T.: -0.001 min
Response: 21136445
Conc: 71.39 ng/ml



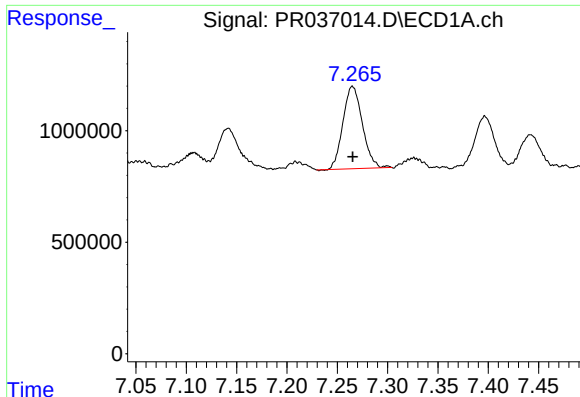
#28 AR-1254-3

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 6390711
Conc: 61.53 ng/ml



#28 AR-1254-3

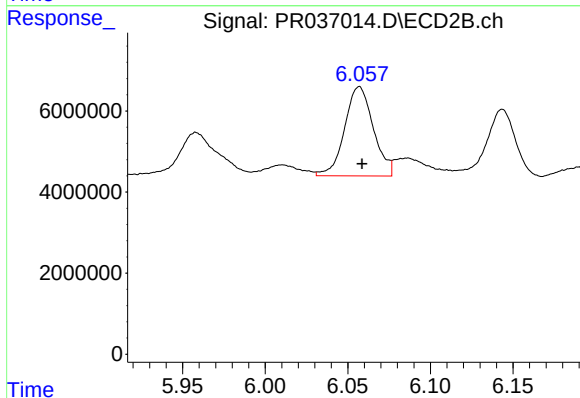
R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 31268080
Conc: 61.46 ng/ml



#29 AR-1254-4

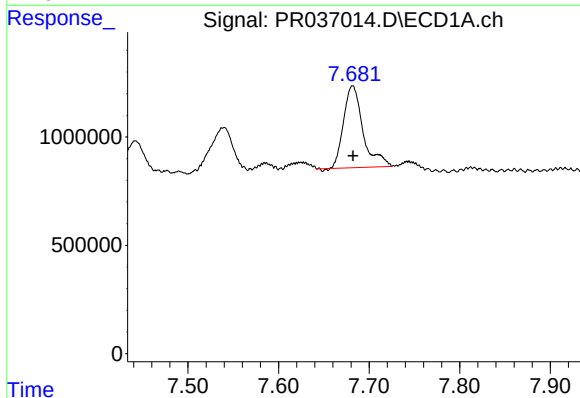
R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 4957382
Conc: 63.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



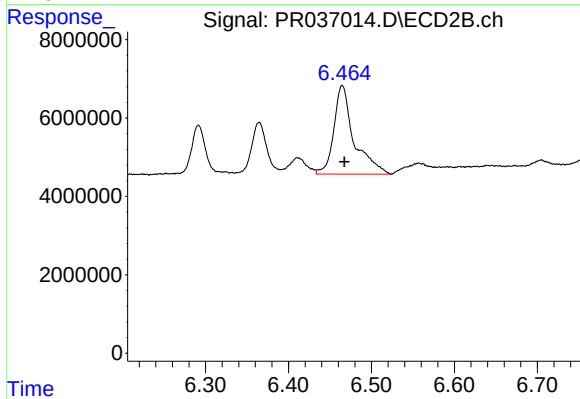
#29 AR-1254-4

R.T.: 6.057 min
Delta R.T.: -0.002 min
Response: 26614905
Conc: 69.45 ng/ml



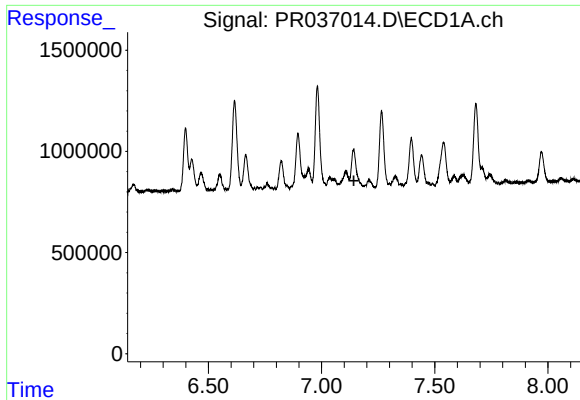
#30 AR-1254-5

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 5634599
Conc: 55.15 ng/ml



#30 AR-1254-5

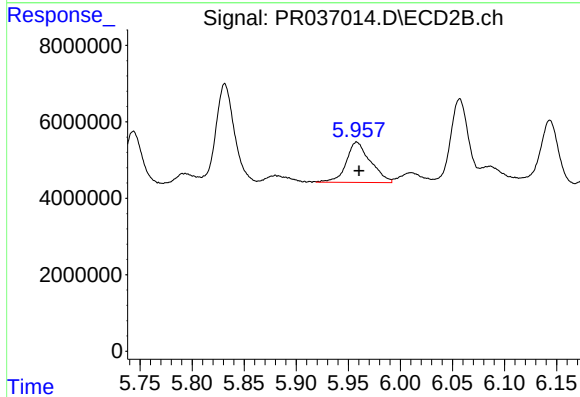
R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 38098691
Conc: 74.93 ng/ml



#31 AR-1260-1

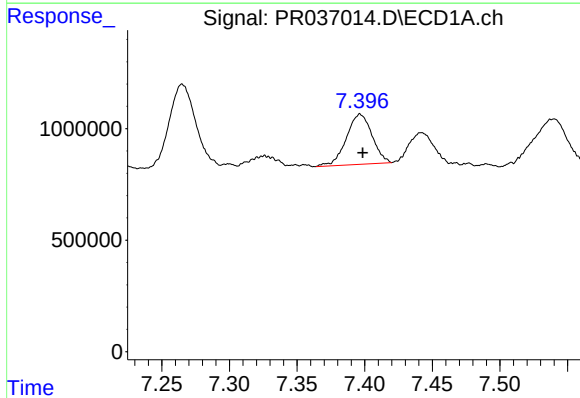
R.T.: 0.000 min
Exp R.T.: 7.143 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



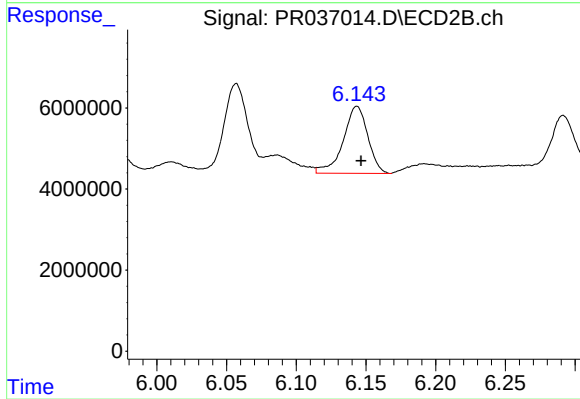
#31 AR-1260-1

R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 17035316
Conc: 38.95 ng/ml



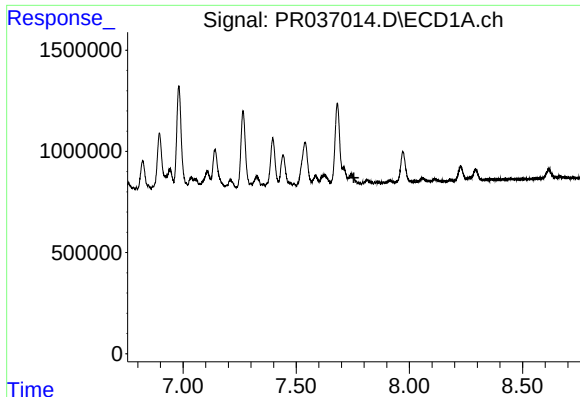
#32 AR-1260-2

R.T.: 7.397 min
Delta R.T.: -0.002 min
Response: 2960116
Conc: 24.12 ng/ml



#32 AR-1260-2

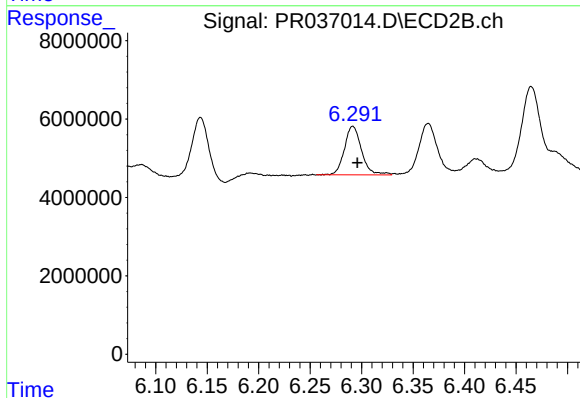
R.T.: 6.144 min
Delta R.T.: -0.003 min
Response: 20339598
Conc: 31.10 ng/ml



#33 AR-1260-3

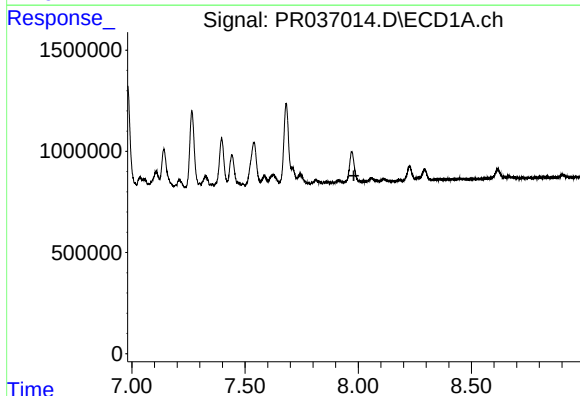
R.T.: 0.000 min
Exp R.T.: 7.755 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



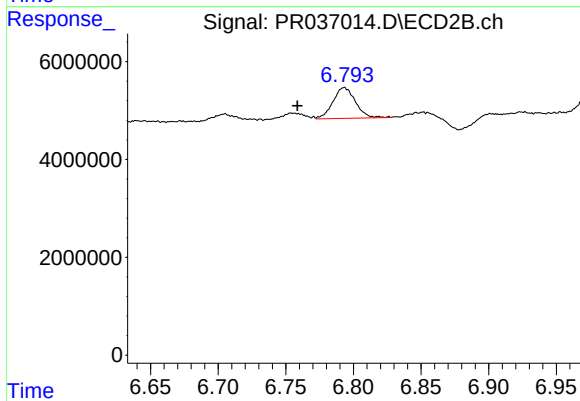
#33 AR-1260-3

R.T.: 6.292 min
Delta R.T.: -0.004 min
Response: 14293502
Conc: 27.03 ng/ml



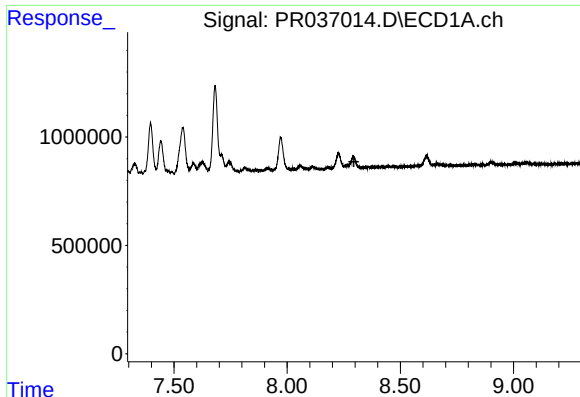
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 7.981 min
Response: 0
Conc: N.D.



#34 AR-1260-4

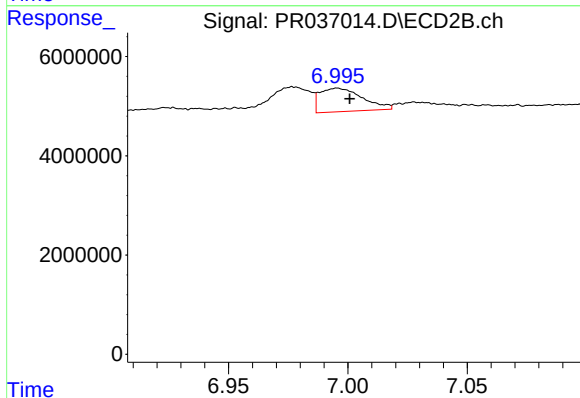
R.T.: 6.793 min
Delta R.T.: 0.035 min
Response: 7310642
Conc: 15.68 ng/ml



#35 AR-1260-5

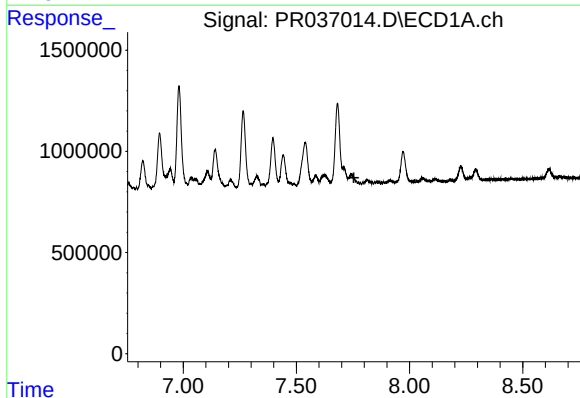
R.T.: 0.000 min
Exp R.T.: 8.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



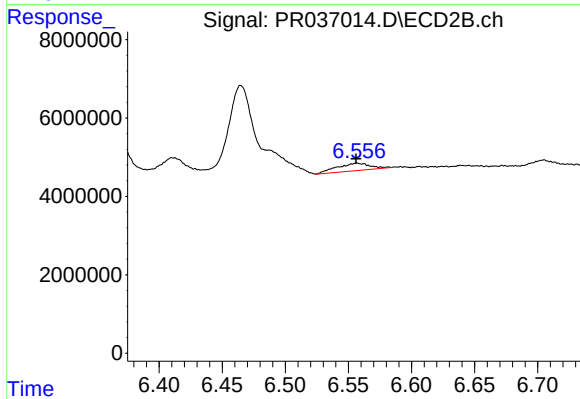
#35 AR-1260-5

R.T.: 6.995 min
Delta R.T.: -0.005 min
Response: 5912383
Conc: 4.44 ng/ml



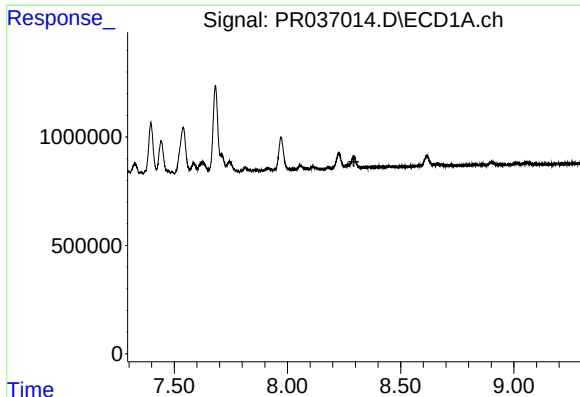
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.754 min
Response: 0
Conc: N.D.



#36 AR-1262-1

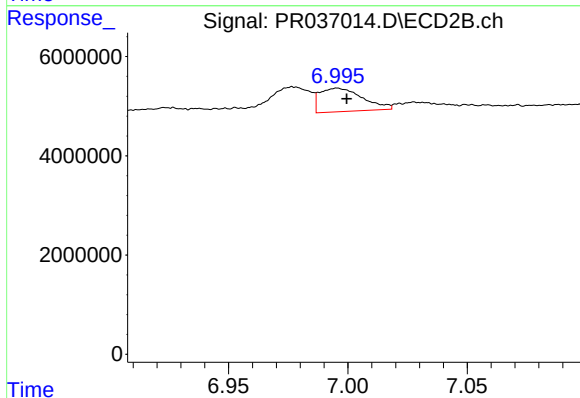
R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 3482512
Conc: 12.70 ng/ml



#37 AR-1262-2

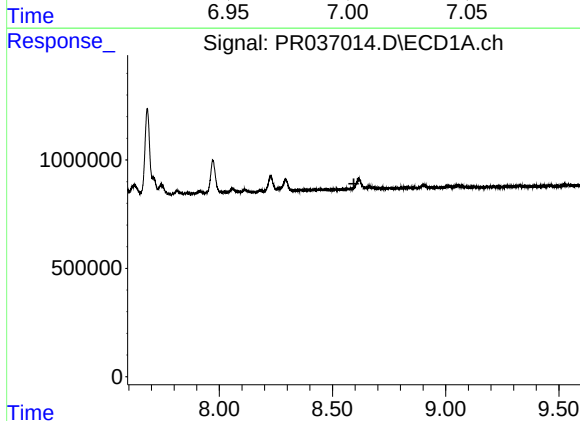
R.T.: 0.000 min
Exp R.T.: 8.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



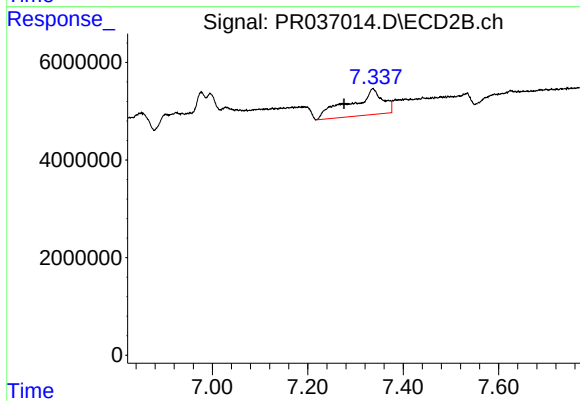
#37 AR-1262-2

R.T.: 6.995 min
Delta R.T.: -0.004 min
Response: 5912383
Conc: 4.31 ng/ml



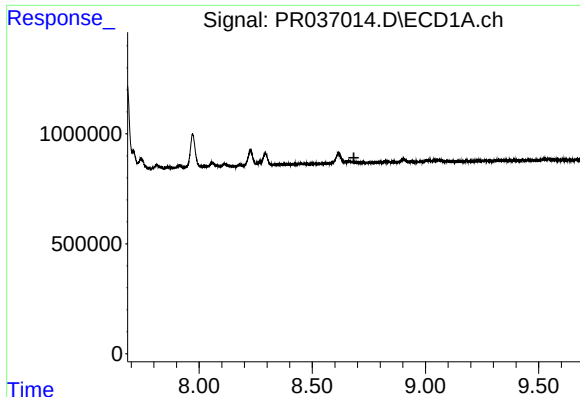
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.595 min
Response: 0
Conc: N.D.



#38 AR-1262-3

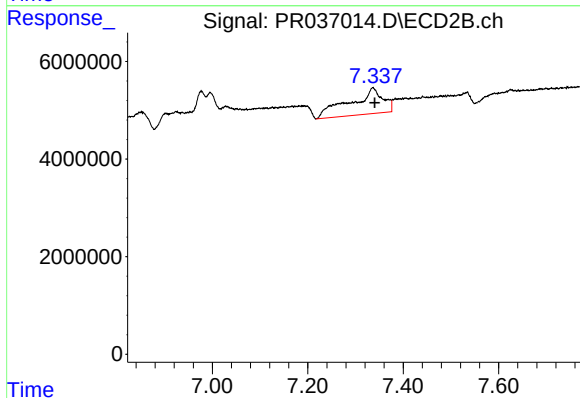
R.T.: 7.336 min
Delta R.T.: 0.061 min
Response: 25617934
Conc: 46.93 ng/ml



#39 AR-1262-4

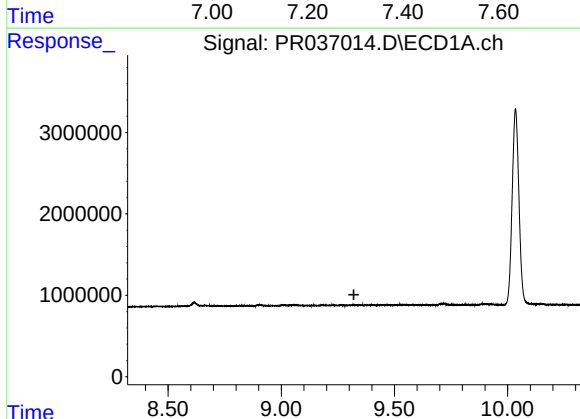
R.T.: 0.000 min
Exp R.T.: 8.684 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



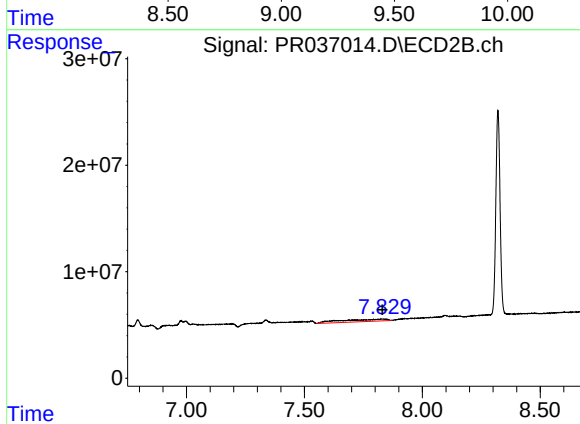
#39 AR-1262-4

R.T.: 7.336 min
Delta R.T.: -0.004 min
Response: 25617934
Conc: 27.89 ng/ml



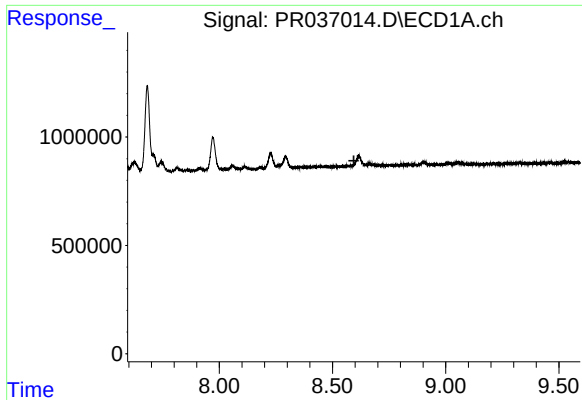
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.321 min
Response: 0
Conc: N.D.



#40 AR-1262-5

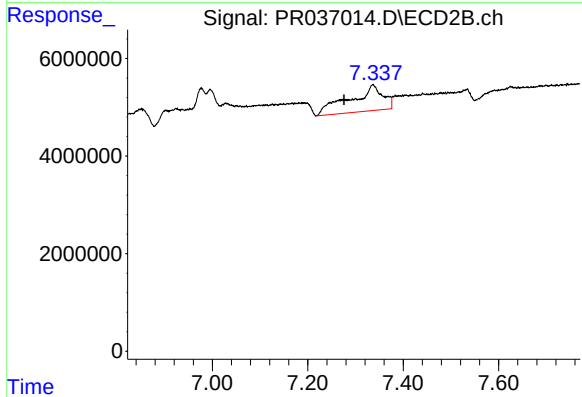
R.T.: 7.829 min
Delta R.T.: -0.002 min
Response: 28362670
Conc: 70.61 ng/ml



#41 AR-1268-1

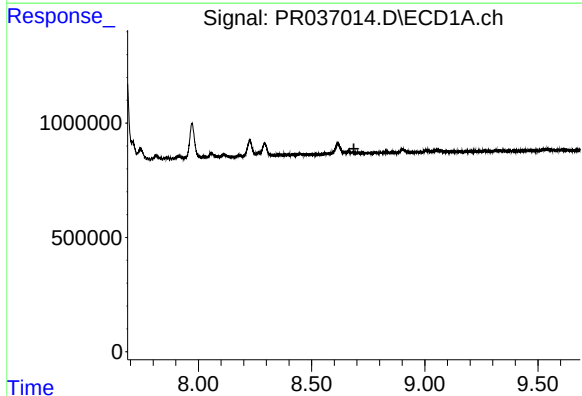
R.T.: 0.000 min
Exp R.T.: 8.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



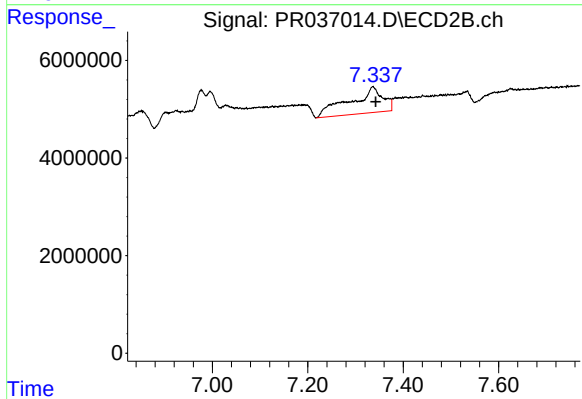
#41 AR-1268-1

R.T.: 7.336 min
Delta R.T.: 0.060 min
Response: 25617934
Conc: 17.31 ng/ml



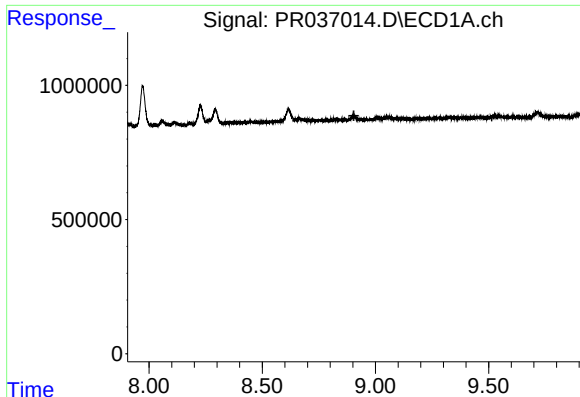
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.687 min
Response: 0
Conc: N.D.



#42 AR-1268-2

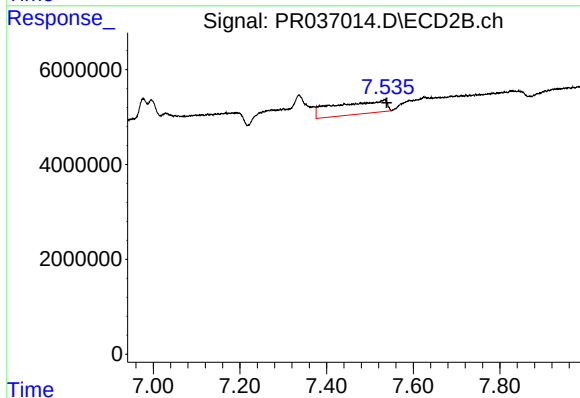
R.T.: 7.336 min
Delta R.T.: -0.006 min
Response: 25617934
Conc: 20.41 ng/ml



#43 AR-1268-3

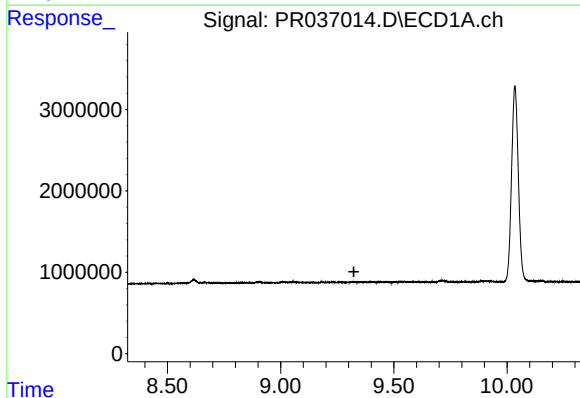
R.T.: 0.000 min
Exp R.T. : 8.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



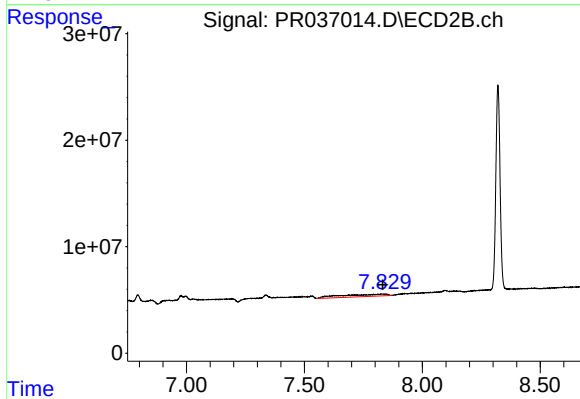
#43 AR-1268-3

R.T.: 7.534 min
Delta R.T.: -0.005 min
Response: 22803962
Conc: 23.45 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.323 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 7.829 min
Delta R.T.: -0.003 min
Response: 28362670
Conc: 65.29 ng/ml