

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080622\
 Data File : PP050262.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2022 16:50
 Operator : YP\AJ
 Sample : N3980-01
 Misc : AR1262 LOD 40 PPB
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 00:30:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080622.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Aug 07 23:52:23 2022
 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...	4.345	3.592	40387545	82146462	25.091	26.226
2)	SA Decachlor...	10.091	8.555	46744448	39885485	26.546	25.915
Target Compounds							
3)	L1 AR-1016-1	0.000	4.671	0	452681	N.D.	4.454 #
4)	L1 AR-1016-2	0.000	4.680	0	290326	N.D.	2.007 #
5)	L1 AR-1016-3	0.000	4.856	0	268688	N.D.	3.541 #
6)	L1 AR-1016-4	0.000	4.901	0	366423	N.D.	6.289 #
7)	L1 AR-1016-5	0.000	5.111	0	258994	N.D.	3.390 #
9)	L2 AR-1221-2	0.000	3.889	0	1164798	N.D.	40.791 #
10)	L2 AR-1221-3	0.000	3.960	0	165596	N.D.	1.934 #
11)	L3 AR-1232-1	0.000	3.960	0	165596	N.D.	2.372 #
12)	L3 AR-1232-2	0.000	4.680	0	290326	N.D.	4.516 #
13)	L3 AR-1232-3	0.000	4.856	0	268688	N.D.	8.011 #
15)	L3 AR-1232-5	0.000	5.111	0	258994	N.D.	7.865 #
16)	L4 AR-1242-1	0.000	4.671	0	452681	N.D.	5.461 #
17)	L4 AR-1242-2	0.000	4.680	0	290326	N.D.	2.486 #
18)	L4 AR-1242-3	0.000	4.856	0	268688	N.D.	4.382 #
20)	L4 AR-1242-5	0.000	5.460	0	1103677	N.D.	15.878 #
21)	L5 AR-1248-1	0.000	4.671	0	452681	N.D.	6.773 #
22)	L5 AR-1248-2	0.000	4.901	0	366423	N.D.	4.242 #
24)	L5 AR-1248-4	0.000	5.111	0	258994	N.D.	2.457 #
25)	L5 AR-1248-5	0.000	5.484f	0	600622	N.D.	6.049 #
26)	L6 AR-1254-1	0.000	5.460	0	1103677	N.D.	8.352 #
27)	L6 AR-1254-2	0.000	5.606	0	1138298	N.D.	10.446 #
28)	L6 AR-1254-3	0.000	6.023	0	3628054	N.D.	22.795 #
29)	L6 AR-1254-4	0.000	6.235	0	244628	N.D.	2.516 #
30)	L6 AR-1254-5	7.673	6.649	4369425	3601865	46.228	29.221 #
31)	L7 AR-1260-1	7.129	6.137	3670272	4800832	40.186	42.366
32)	L7 AR-1260-2	7.387	6.323	4290668	5771212	37.555	42.960
33)	L7 AR-1260-3	7.745	6.478	6199787	5248082	72.804	43.566 #
34)	L7 AR-1260-4	7.974	6.946	6149887	5876291	64.608	66.288
35)	L7 AR-1260-5	8.293	7.187	9771748	10682264	52.275	54.798
36)	L8 AR-1262-1	7.745	6.688	6199787	7366307	51.770	54.508
37)	L8 AR-1262-2	8.293	6.946	9771748	5876291	45.225	54.079
38)	L8 AR-1262-3	8.599	7.470	7202369	4002277	73.295	55.150
39)	L8 AR-1262-4	8.691	7.533	6498599	7123821	101.085	51.670 #
40)	L8 AR-1262-5	9.349	8.025	3770440	3118041	47.765	48.413
41)	L9 AR-1268-1	8.599	7.470	7202369	4002277	28.366	18.214 #
42)	L9 AR-1268-2	8.691	7.533	6498599	7123821	26.642	35.767 #
43)	L9 AR-1268-3	0.000	7.740	0	313490	N.D.	1.852 #
44)	L9 AR-1268-4	9.349	8.025	3770440	3118041	43.746	43.884
45)	L9 AR-1268-5	9.765	8.307	4405842	1296760	6.606	2.355 #

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Integration File signal 1: autoint1.e
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QLast Update : Sun Aug 07 23:52:23 2022
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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

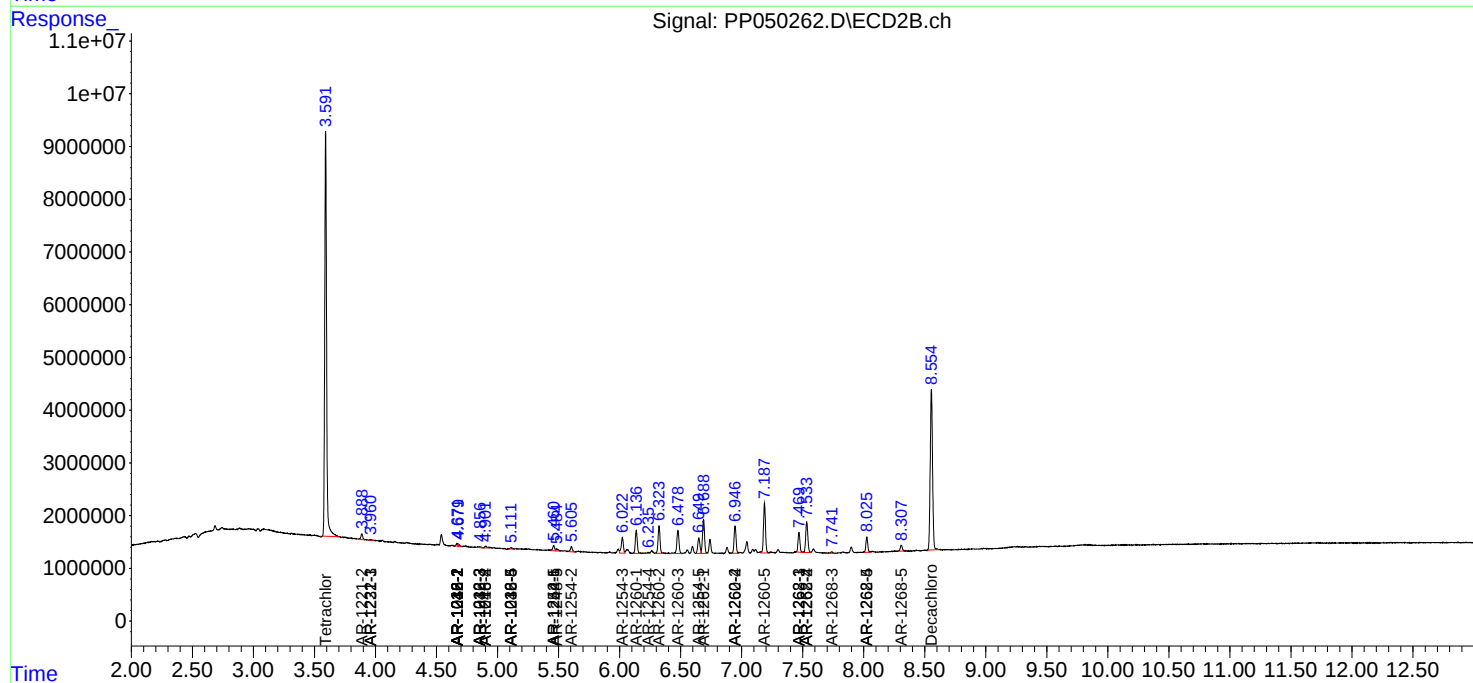
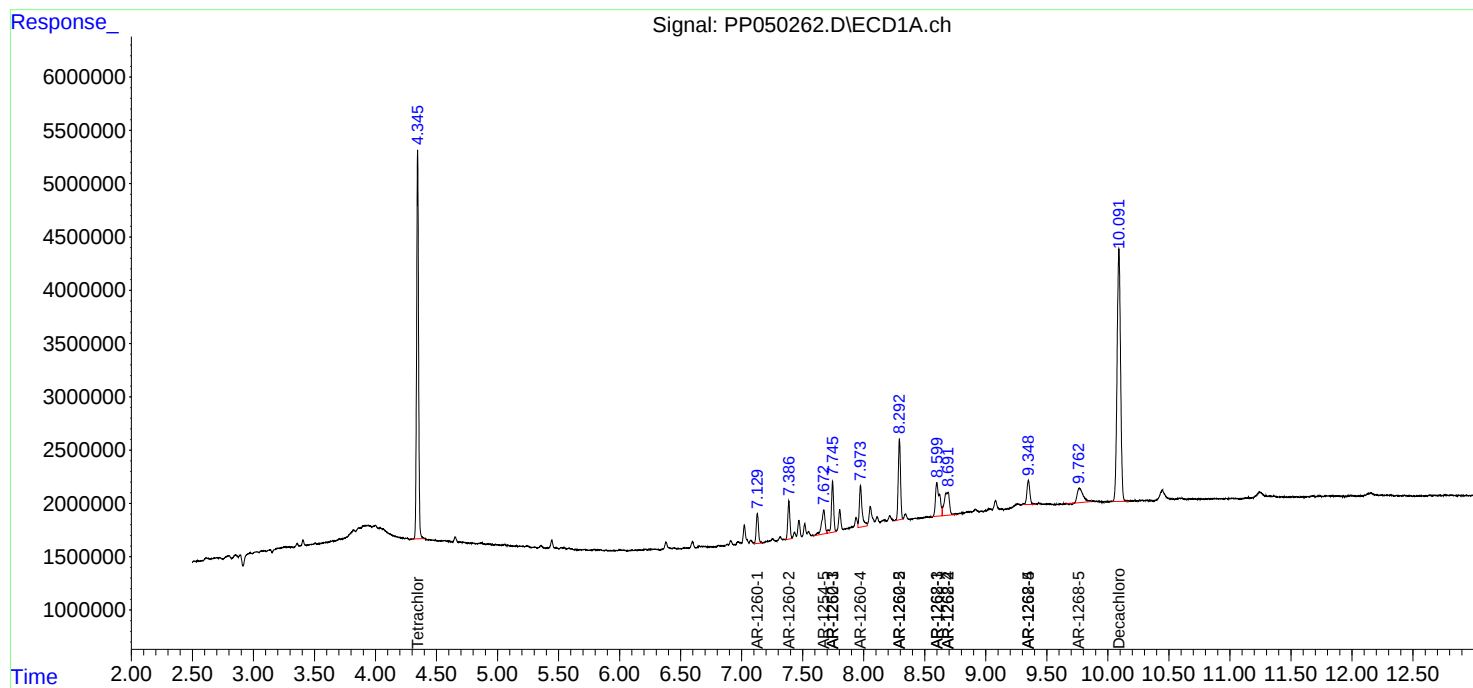
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

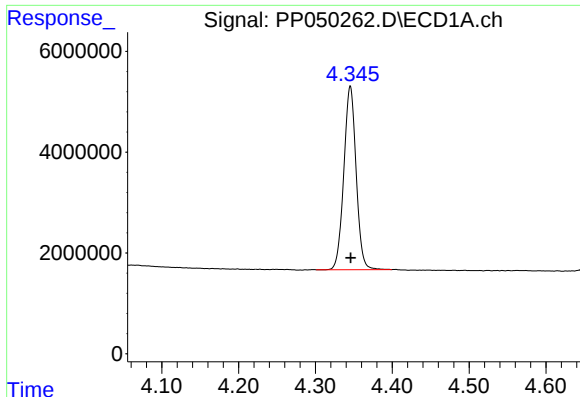
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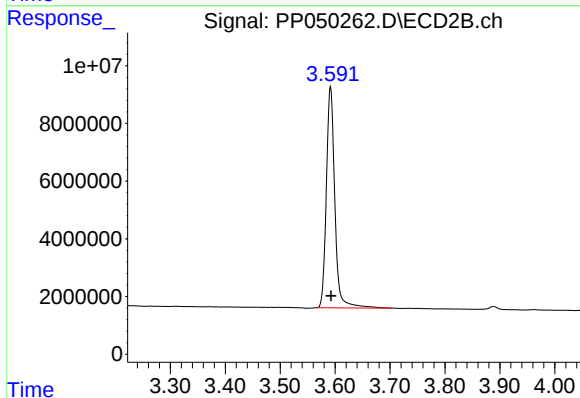




#1 Tetrachloro-m-xylene

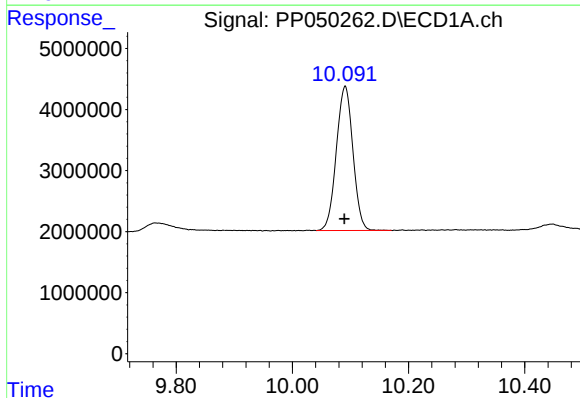
R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 40387545
Conc: 25.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



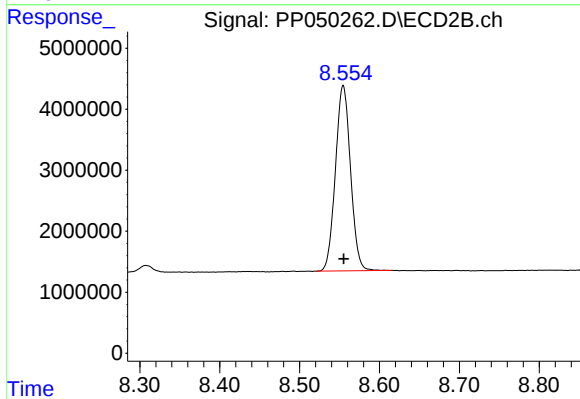
#1 Tetrachloro-m-xylene

R.T.: 3.592 min
Delta R.T.: -0.001 min
Response: 82146462
Conc: 26.23 ng/ml



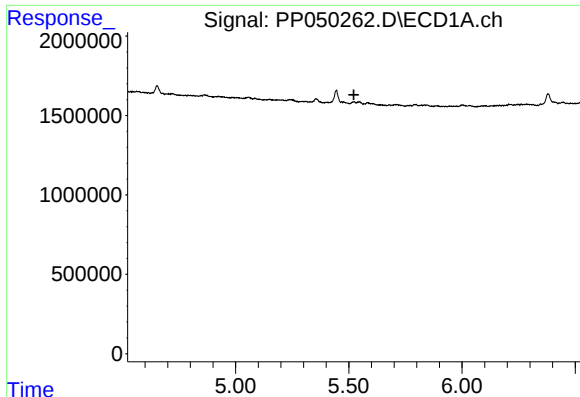
#2 Decachlorobiphenyl

R.T.: 10.091 min
Delta R.T.: 0.001 min
Response: 46744448
Conc: 26.55 ng/ml



#2 Decachlorobiphenyl

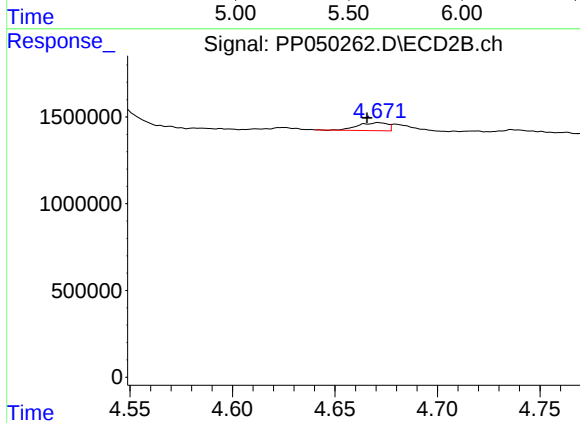
R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 39885485
Conc: 25.92 ng/ml



#3 AR-1016-1

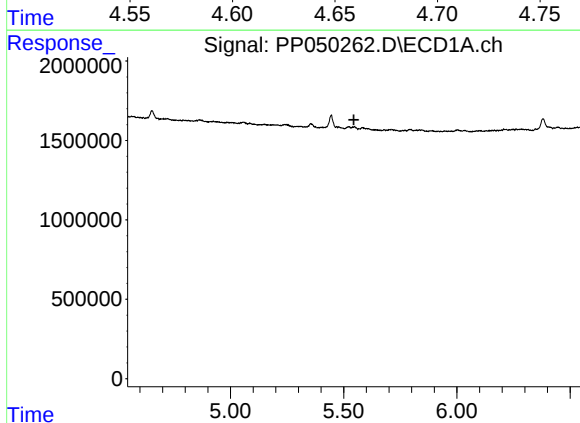
R.T.: 0.000 min
Exp R.T.: 5.522 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



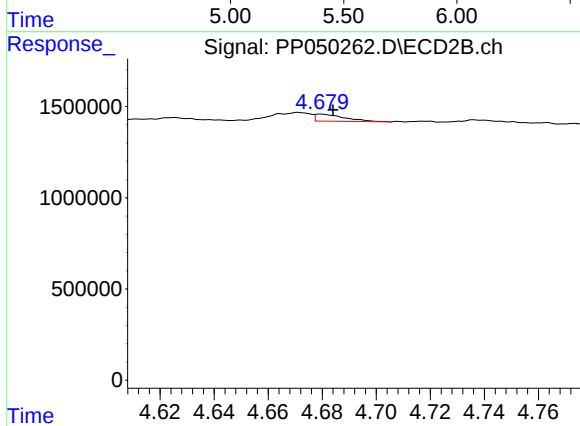
#3 AR-1016-1

R.T.: 4.671 min
Delta R.T.: 0.005 min
Response: 452681
Conc: 4.45 ng/ml



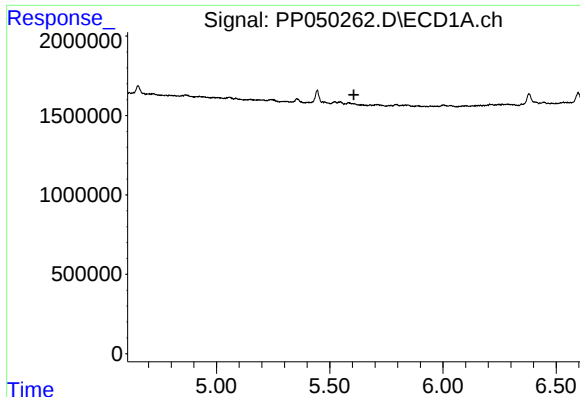
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.



#4 AR-1016-2

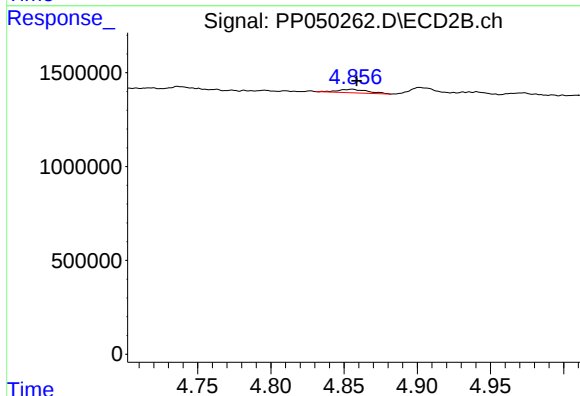
R.T.: 4.680 min
Delta R.T.: -0.005 min
Response: 290326
Conc: 2.01 ng/ml



#5 AR-1016-3

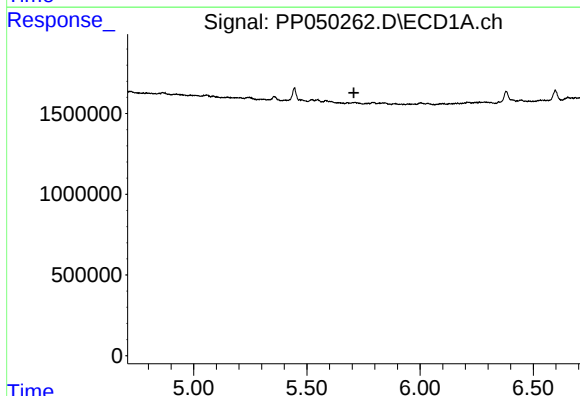
R.T.: 0.000 min
Exp R.T.: 5.606 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



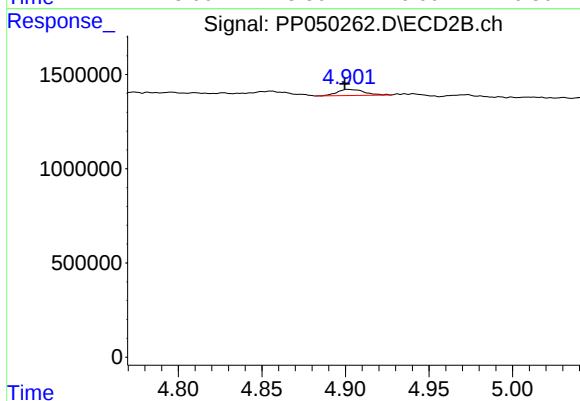
#5 AR-1016-3

R.T.: 4.856 min
Delta R.T.: -0.003 min
Response: 268688
Conc: 3.54 ng/ml



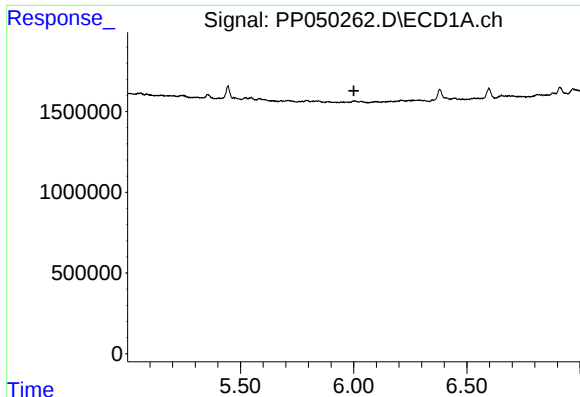
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.707 min
Response: 0
Conc: N.D.



#6 AR-1016-4

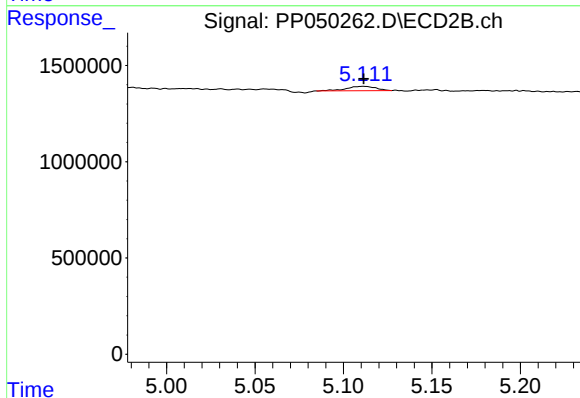
R.T.: 4.901 min
Delta R.T.: 0.002 min
Response: 366423
Conc: 6.29 ng/ml



#7 AR-1016-5

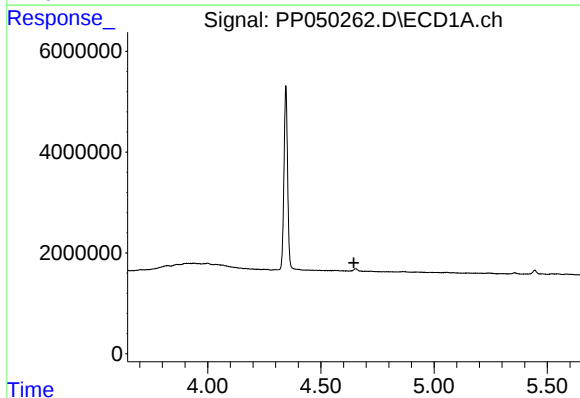
R.T.: 0.000 min
Exp R.T.: 6.001 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



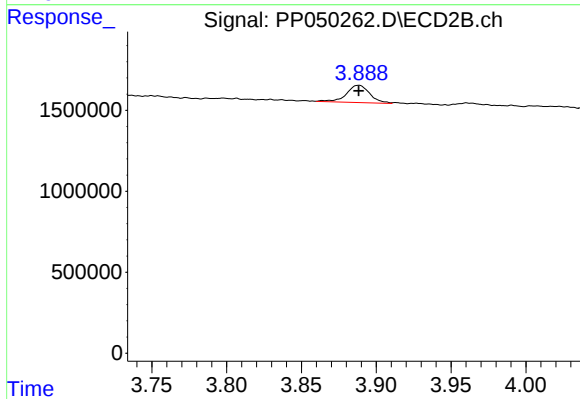
#7 AR-1016-5

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 258994
Conc: 3.39 ng/ml



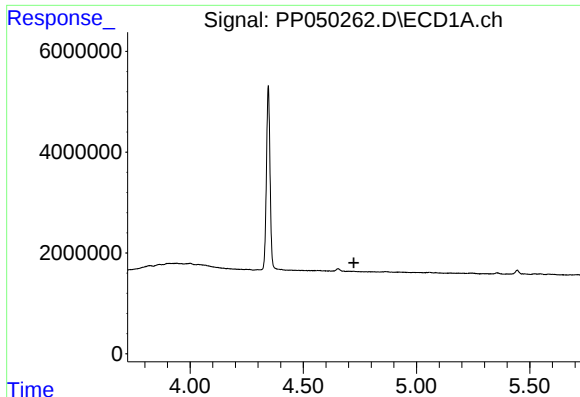
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.646 min
Response: 0
Conc: N.D.



#9 AR-1221-2

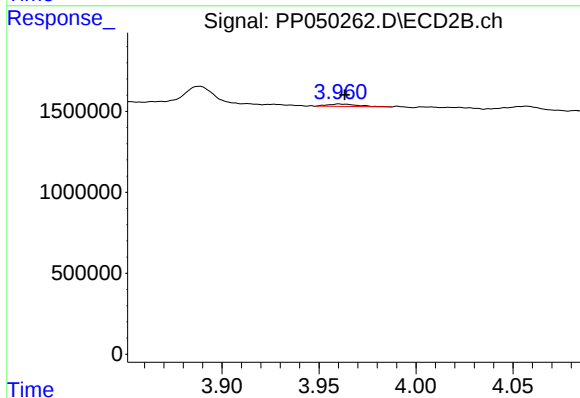
R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 1164798
Conc: 40.79 ng/ml



#10 AR-1221-3

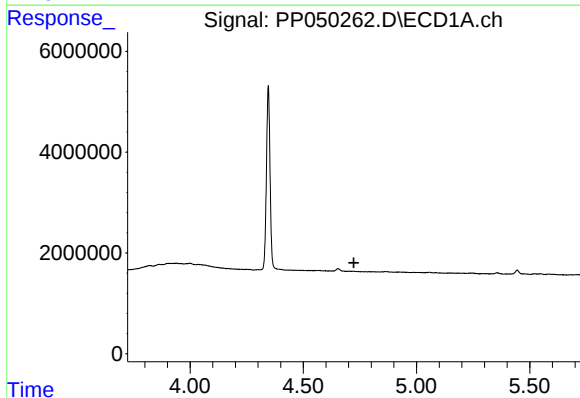
R.T.: 0.000 min
Exp R.T.: 4.723 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



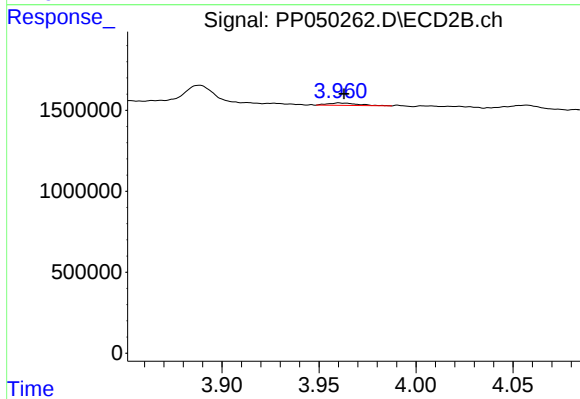
#10 AR-1221-3

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 165596
Conc: 1.93 ng/ml



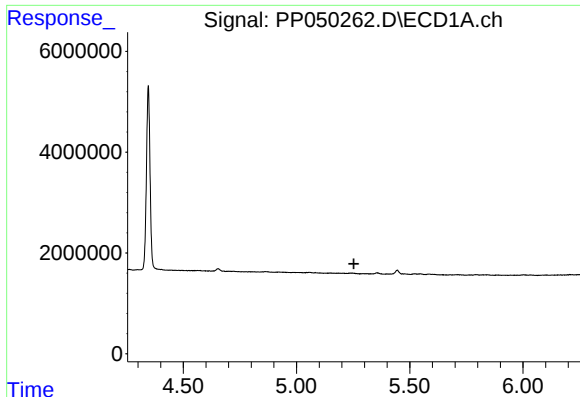
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.723 min
Response: 0
Conc: N.D.



#11 AR-1232-1

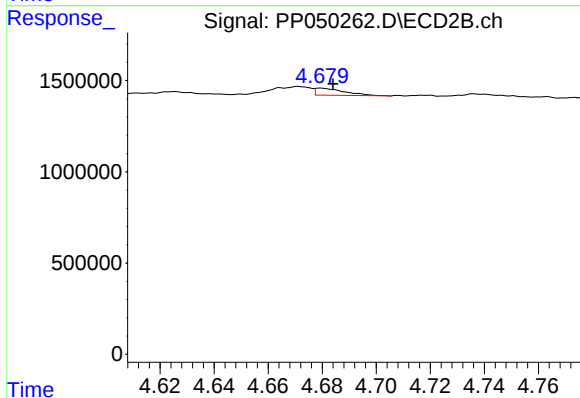
R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 165596
Conc: 2.37 ng/ml



#12 AR-1232-2

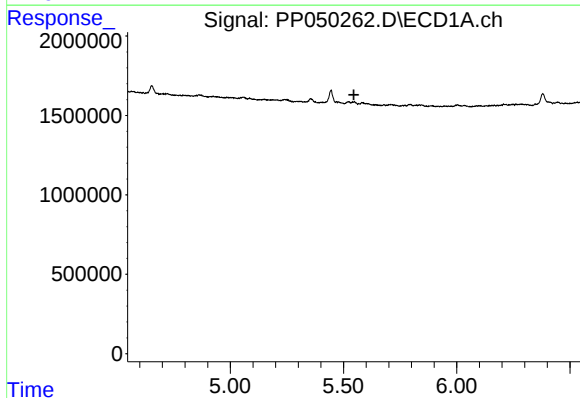
R.T.: 0.000 min
Exp R.T.: 5.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



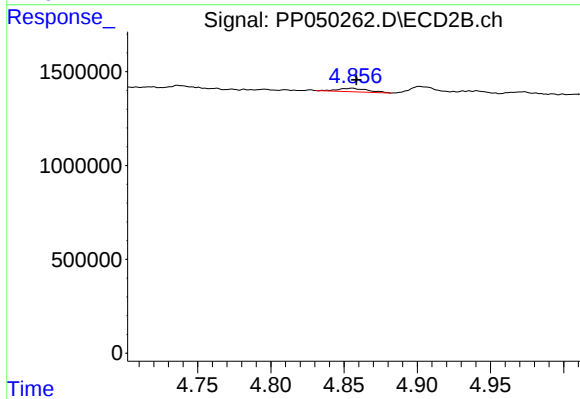
#12 AR-1232-2

R.T.: 4.680 min
Delta R.T.: -0.005 min
Response: 290326
Conc: 4.52 ng/ml



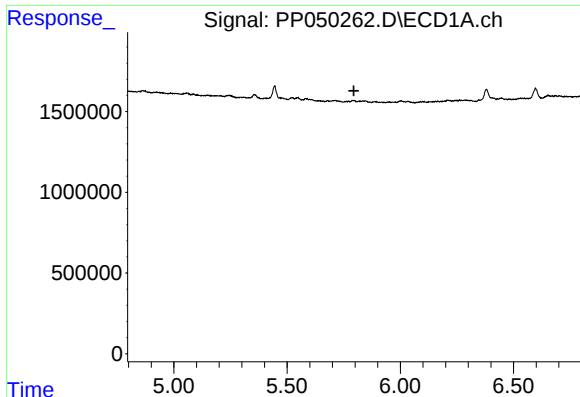
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.



#13 AR-1232-3

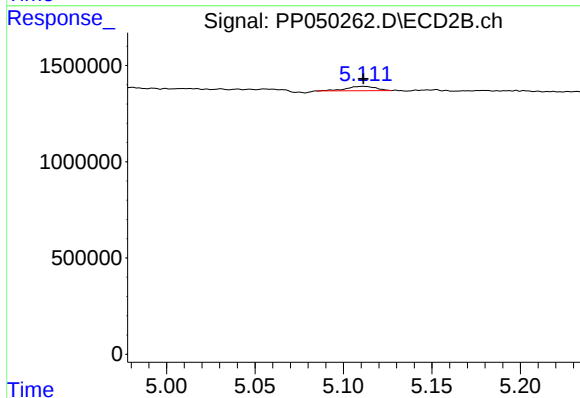
R.T.: 4.856 min
Delta R.T.: -0.003 min
Response: 268688
Conc: 8.01 ng/ml



#15 AR-1232-5

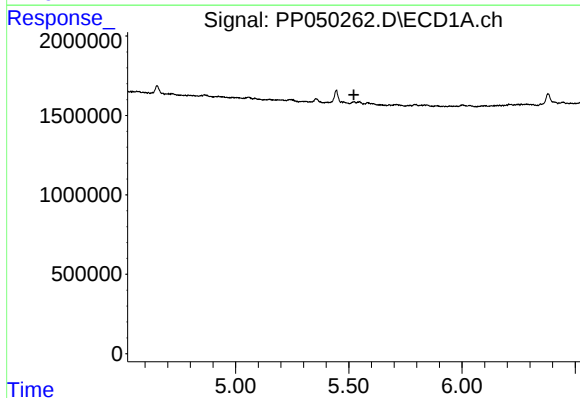
R.T.: 0.000 min
Exp R.T.: 5.795 min
Response: 0
Conc: N.D.

Instrument :
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ClientSampleId :
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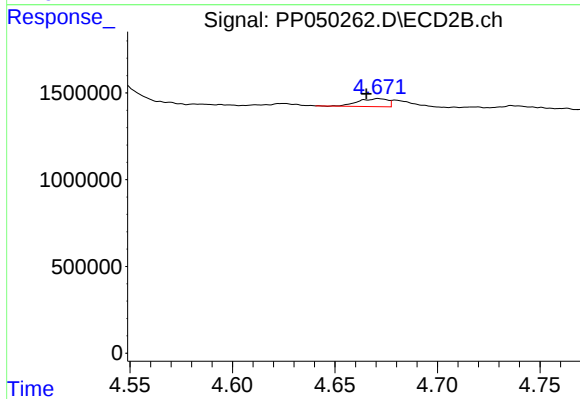
#15 AR-1232-5

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 258994
Conc: 7.86 ng/ml



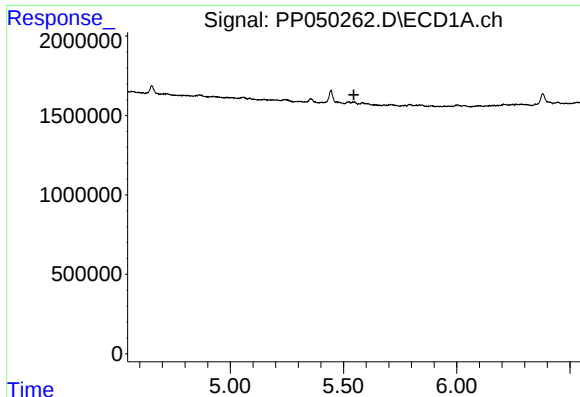
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.523 min
Response: 0
Conc: N.D.



#16 AR-1242-1

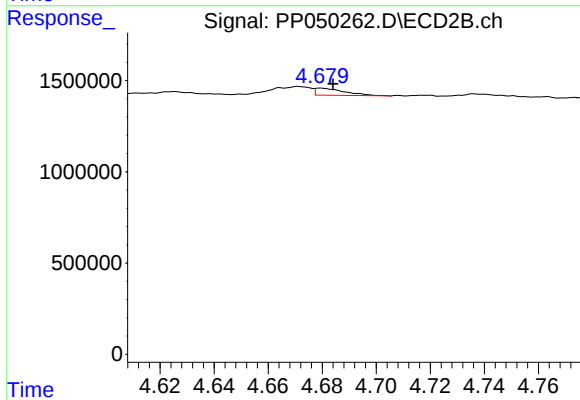
R.T.: 4.671 min
Delta R.T.: 0.006 min
Response: 452681
Conc: 5.46 ng/ml



#17 AR-1242-2

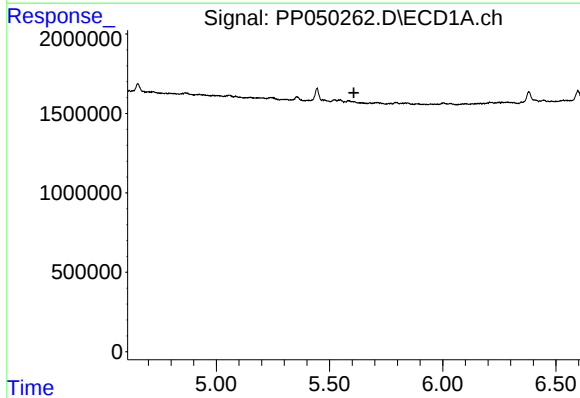
R.T.: 0.000 min
Exp R.T.: 5.546 min
Response: 0
Conc: N.D.

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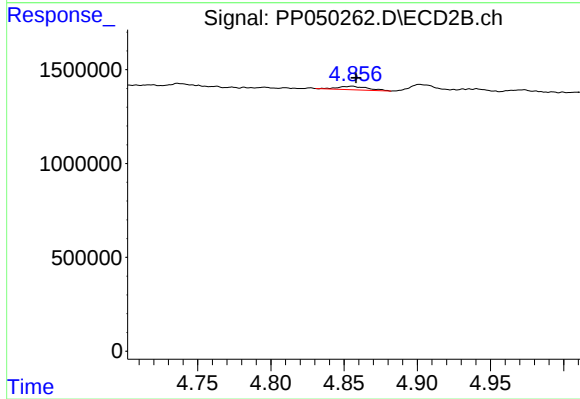
#17 AR-1242-2

R.T.: 4.680 min
Delta R.T.: -0.004 min
Response: 290326
Conc: 2.49 ng/ml



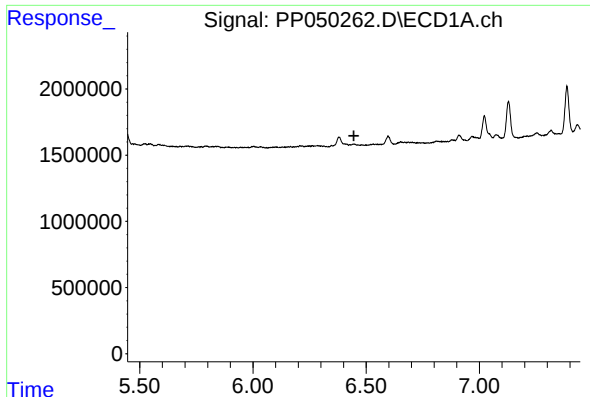
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.607 min
Response: 0
Conc: N.D.



#18 AR-1242-3

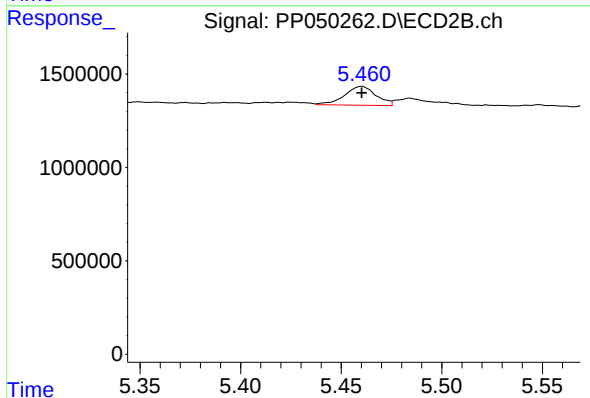
R.T.: 4.856 min
Delta R.T.: -0.002 min
Response: 268688
Conc: 4.38 ng/ml



#20 AR-1242-5

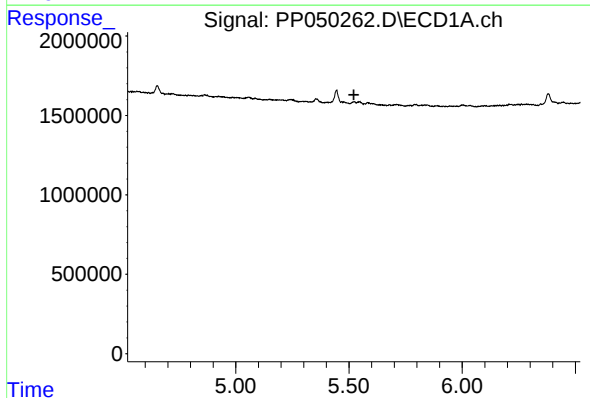
R.T.: 0.000 min
Exp R.T.: 6.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



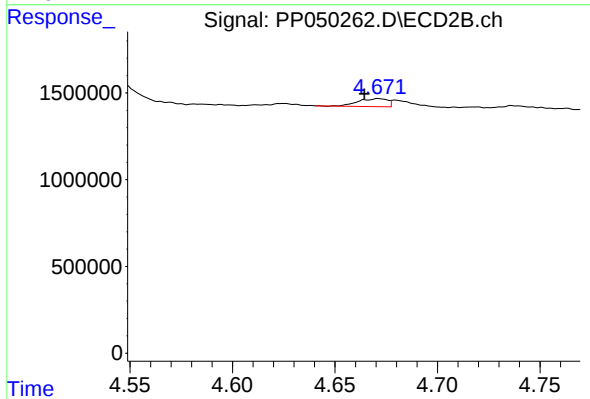
#20 AR-1242-5

R.T.: 5.460 min
Delta R.T.: 0.000 min
Response: 1103677
Conc: 15.88 ng/ml



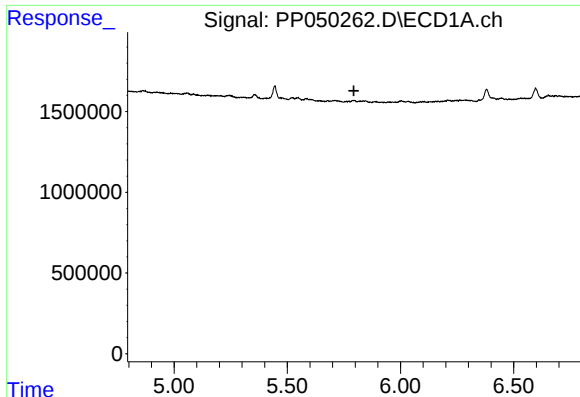
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.522 min
Response: 0
Conc: N.D.



#21 AR-1248-1

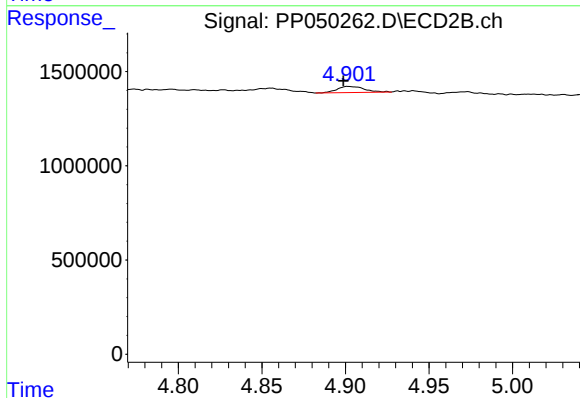
R.T.: 4.671 min
Delta R.T.: 0.007 min
Response: 452681
Conc: 6.77 ng/ml



#22 AR-1248-2

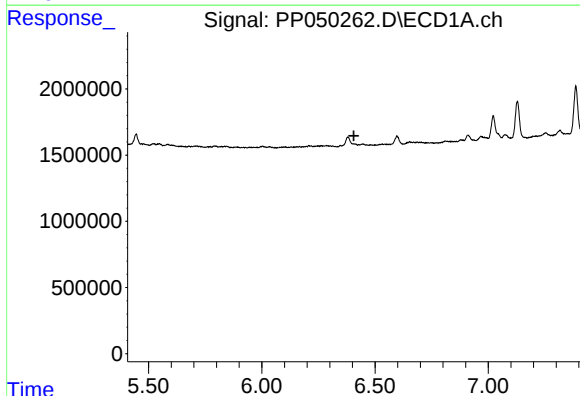
R.T.: 0.000 min
Exp R.T.: 5.794 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



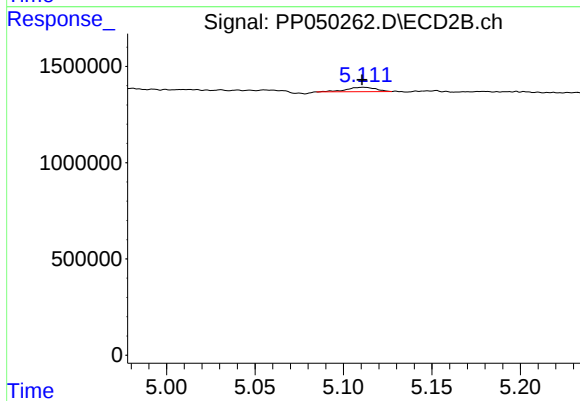
#22 AR-1248-2

R.T.: 4.901 min
Delta R.T.: 0.003 min
Response: 366423
Conc: 4.24 ng/ml



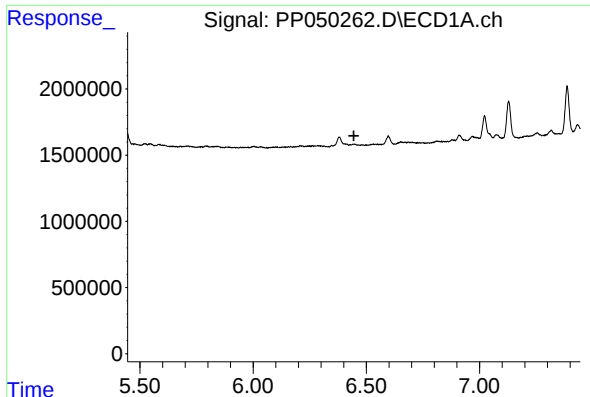
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.406 min
Response: 0
Conc: N.D.



#24 AR-1248-4

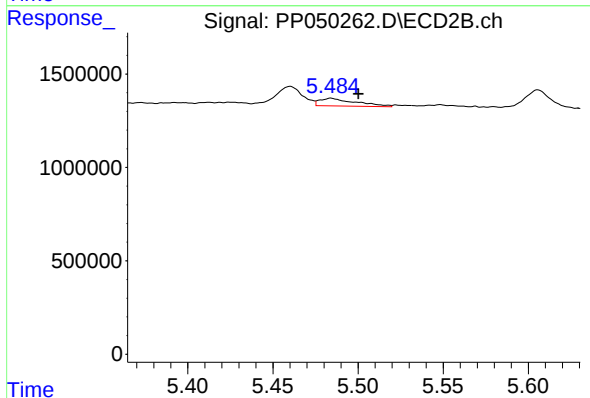
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 258994
Conc: 2.46 ng/ml



#25 AR-1248-5

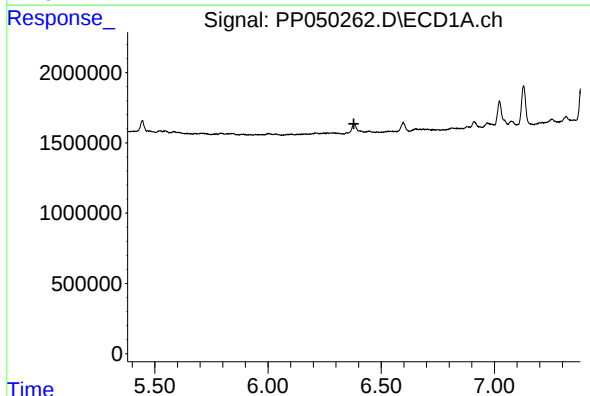
R.T.: 0.000 min
Exp R.T.: 6.445 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



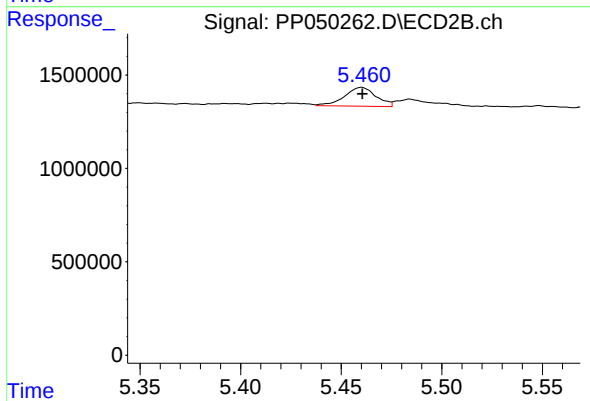
#25 AR-1248-5

R.T.: 5.484 min
Delta R.T.: -0.016 min
Response: 600622
Conc: 6.05 ng/ml



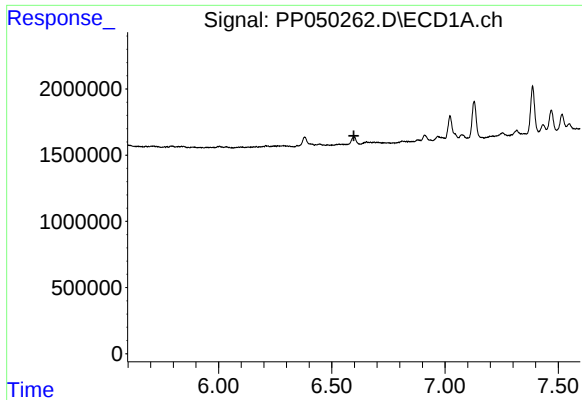
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.379 min
Response: 0
Conc: N.D.



#26 AR-1254-1

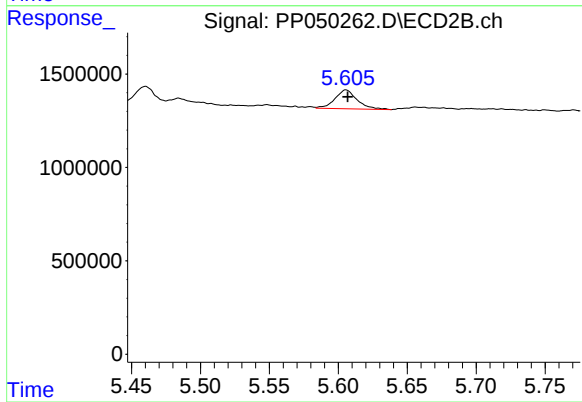
R.T.: 5.460 min
Delta R.T.: 0.000 min
Response: 1103677
Conc: 8.35 ng/ml



#27 AR-1254-2

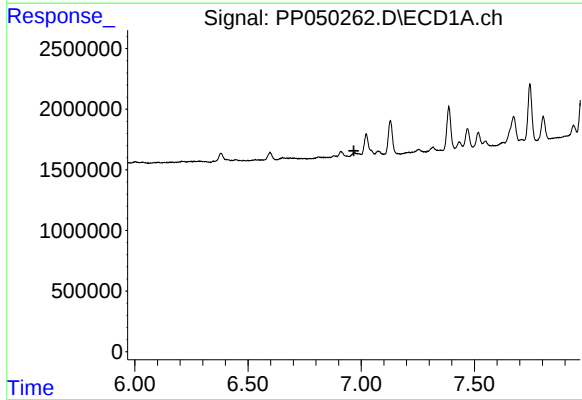
R.T.: 0.000 min
Exp R.T.: 6.598 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



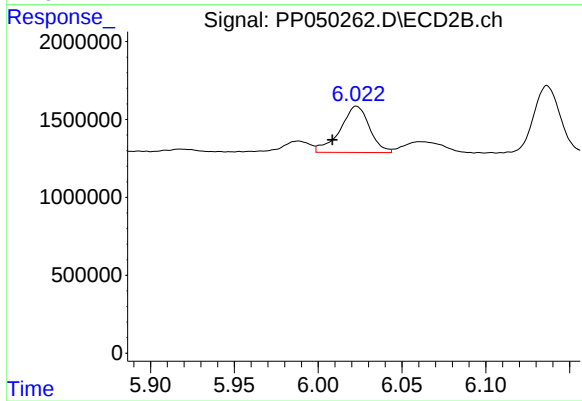
#27 AR-1254-2

R.T.: 5.606 min
Delta R.T.: -0.001 min
Response: 1138298
Conc: 10.45 ng/ml



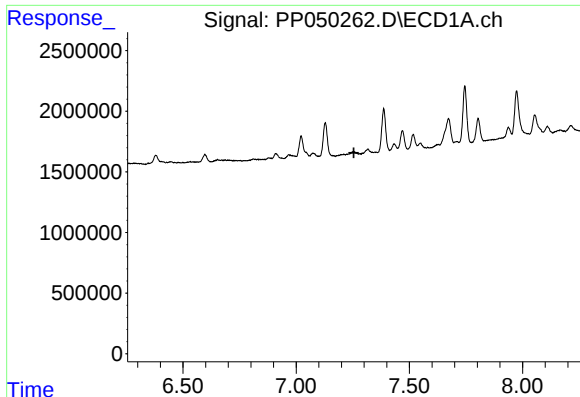
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 6.967 min
Response: 0
Conc: N.D.



#28 AR-1254-3

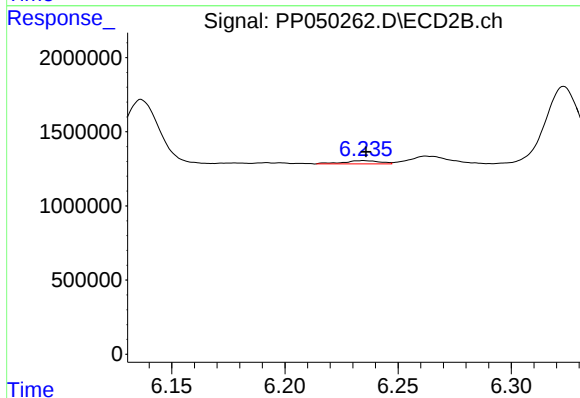
R.T.: 6.023 min
Delta R.T.: 0.014 min
Response: 3628054
Conc: 22.80 ng/ml



#29 AR-1254-4

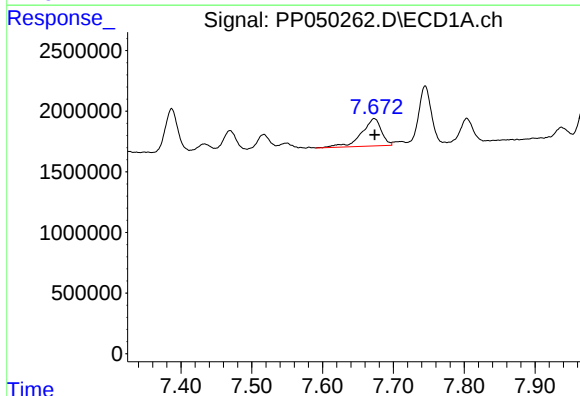
R.T.: 0.000 min
Exp R.T.: 7.255 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



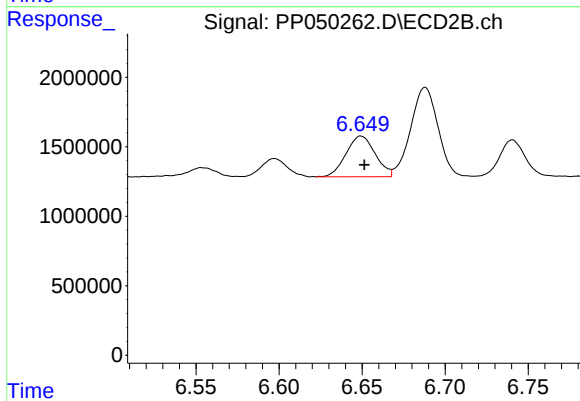
#29 AR-1254-4

R.T.: 6.235 min
Delta R.T.: -0.001 min
Response: 244628
Conc: 2.52 ng/ml



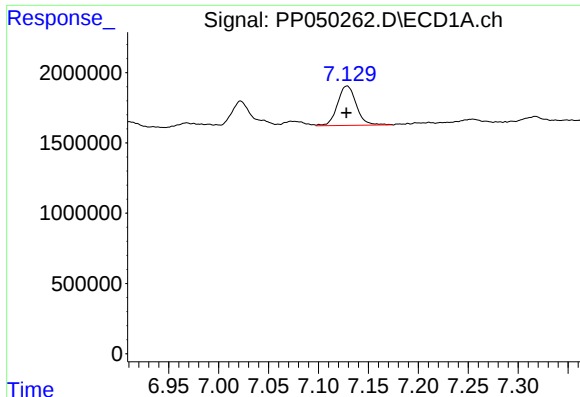
#30 AR-1254-5

R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 4369425
Conc: 46.23 ng/ml



#30 AR-1254-5

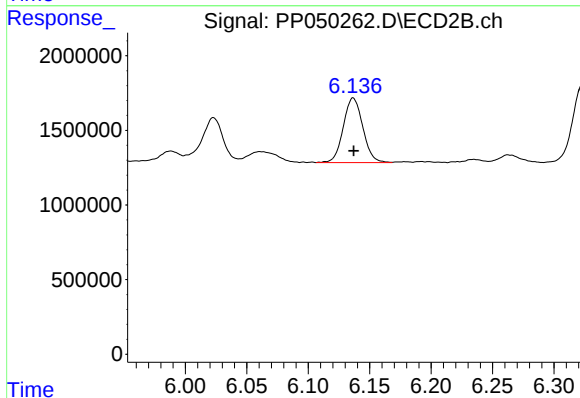
R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 3601865
Conc: 29.22 ng/ml



#31 AR-1260-1

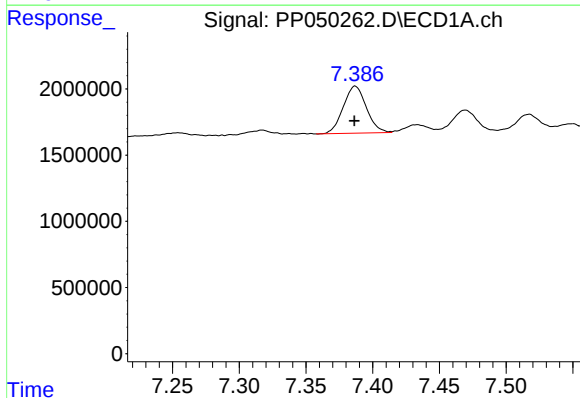
R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 3670272
Conc: 40.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



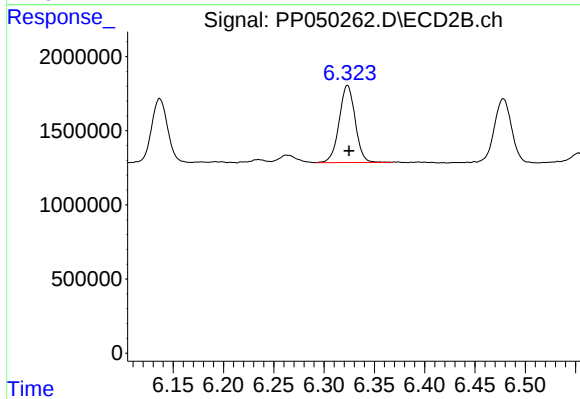
#31 AR-1260-1

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 4800832
Conc: 42.37 ng/ml



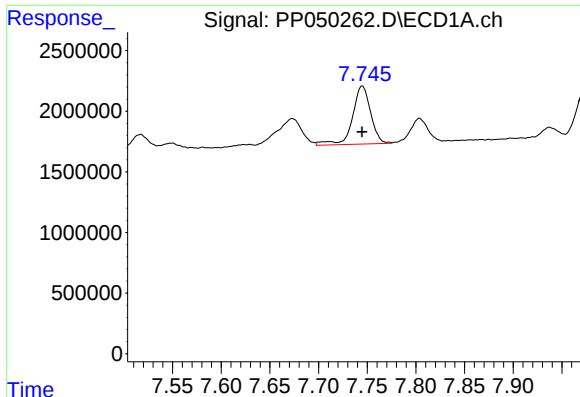
#32 AR-1260-2

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 4290668
Conc: 37.56 ng/ml



#32 AR-1260-2

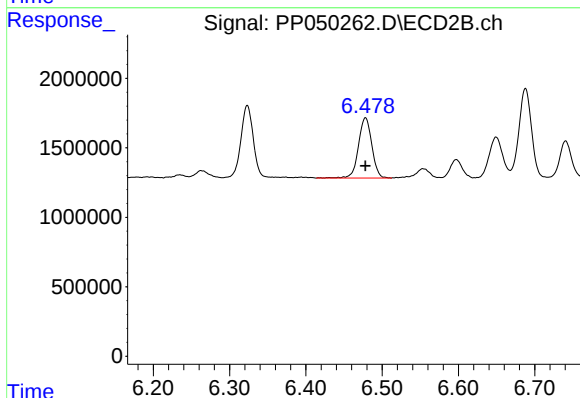
R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 5771212
Conc: 42.96 ng/ml



#33 AR-1260-3

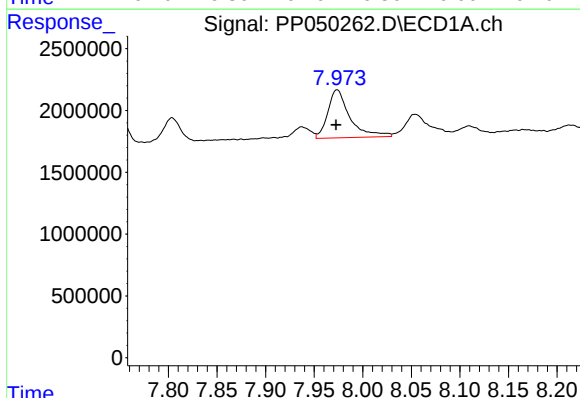
R.T.: 7.745 min
Delta R.T.: 0.000 min
Response: 6199787
Conc: 72.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



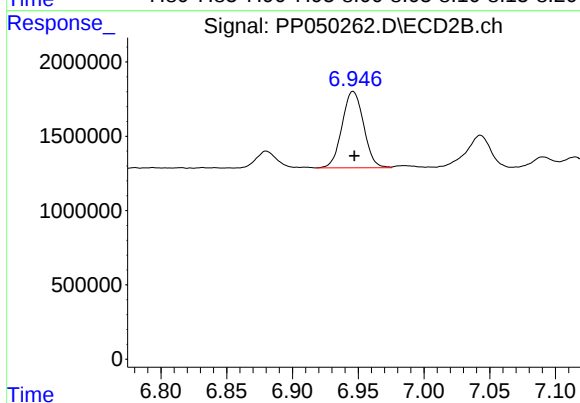
#33 AR-1260-3

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 5248082
Conc: 43.57 ng/ml



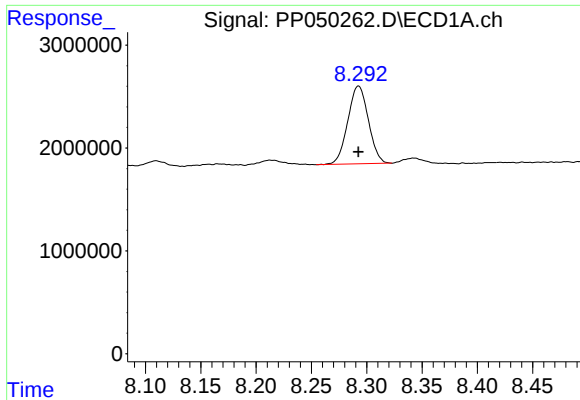
#34 AR-1260-4

R.T.: 7.974 min
Delta R.T.: 0.001 min
Response: 6149887
Conc: 64.61 ng/ml



#34 AR-1260-4

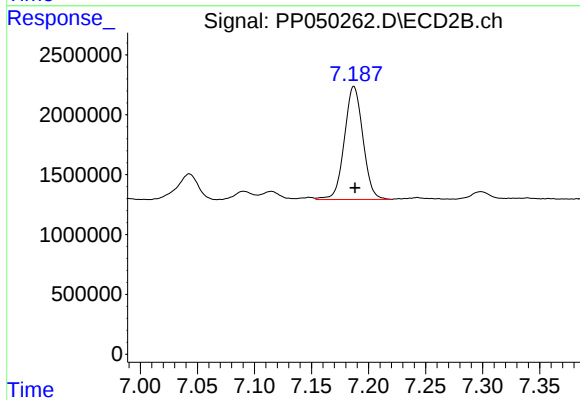
R.T.: 6.946 min
Delta R.T.: -0.001 min
Response: 5876291
Conc: 66.29 ng/ml



#35 AR-1260-5

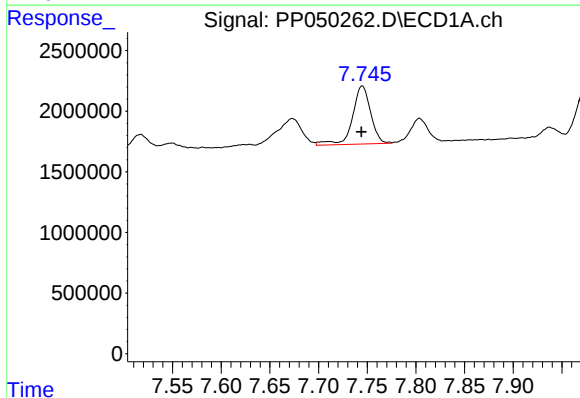
R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 9771748
Conc: 52.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



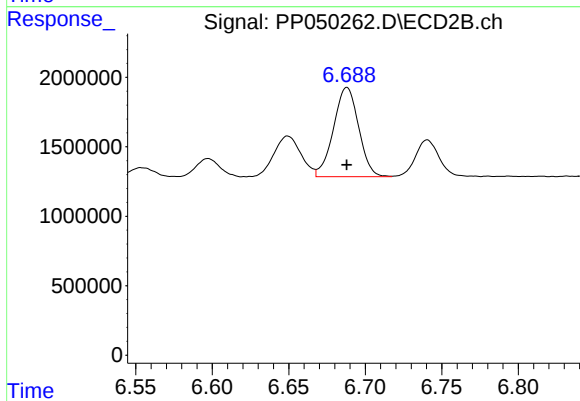
#35 AR-1260-5

R.T.: 7.187 min
Delta R.T.: -0.001 min
Response: 10682264
Conc: 54.80 ng/ml



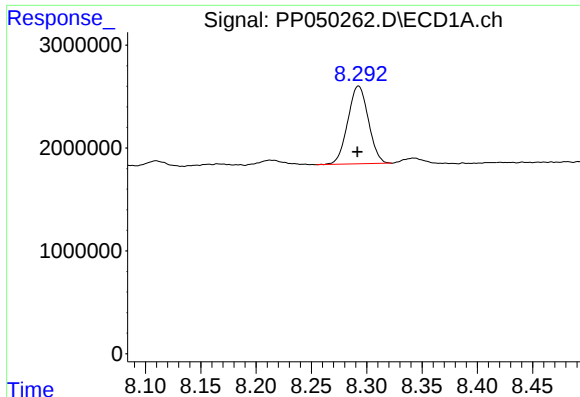
#36 AR-1262-1

R.T.: 7.745 min
Delta R.T.: 0.000 min
Response: 6199787
Conc: 51.77 ng/ml



#36 AR-1262-1

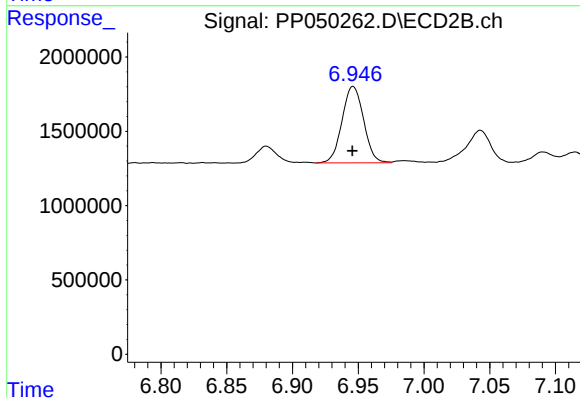
R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 7366307
Conc: 54.51 ng/ml



#37 AR-1262-2

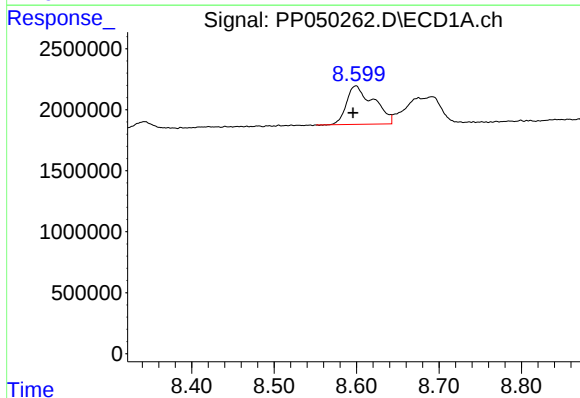
R.T.: 8.293 min
Delta R.T.: 0.001 min
Response: 9771748
Conc: 45.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



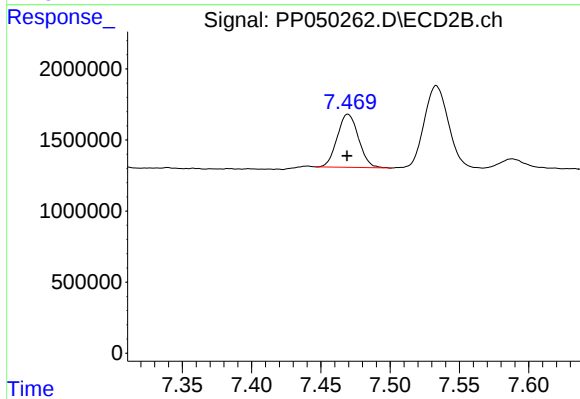
#37 AR-1262-2

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 5876291
Conc: 54.08 ng/ml



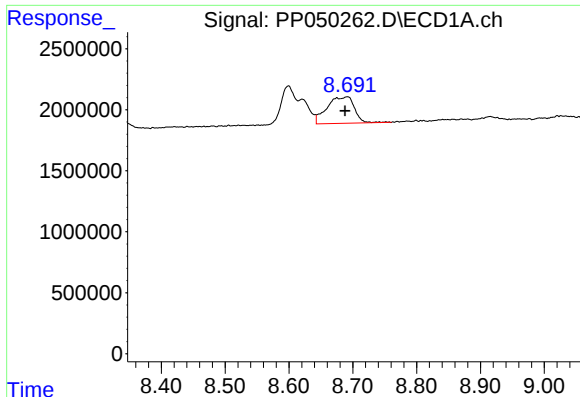
#38 AR-1262-3

R.T.: 8.599 min
Delta R.T.: 0.003 min
Response: 7202369
Conc: 73.29 ng/ml



#38 AR-1262-3

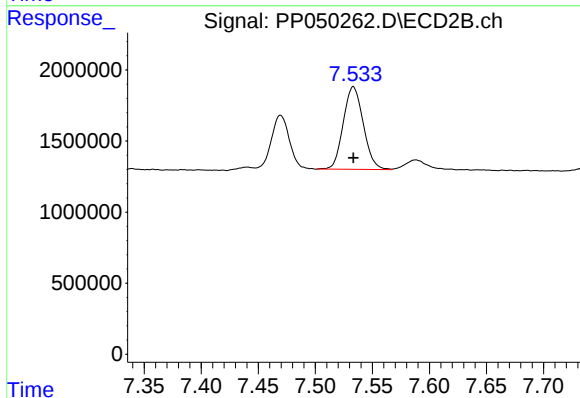
R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 4002277
Conc: 55.15 ng/ml



#39 AR-1262-4

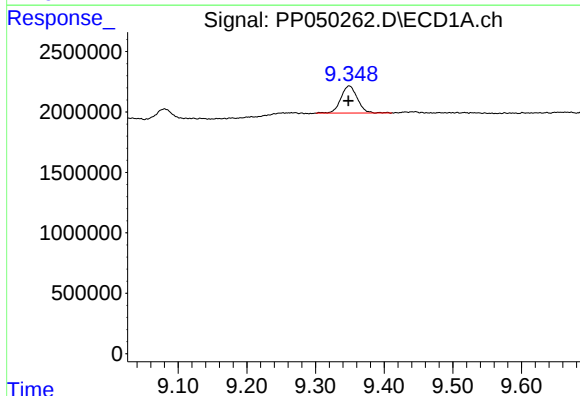
R.T.: 8.691 min
Delta R.T.: 0.002 min
Response: 6498599
Conc: 101.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



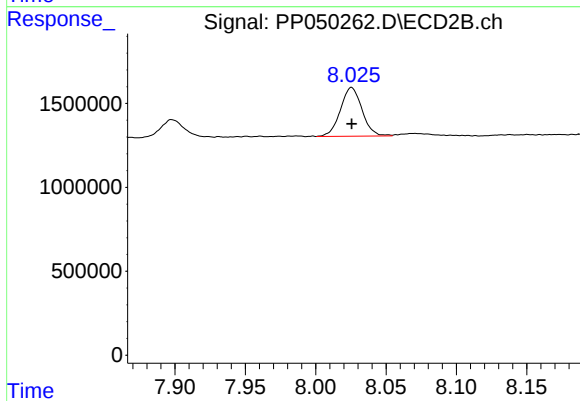
#39 AR-1262-4

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 7123821
Conc: 51.67 ng/ml



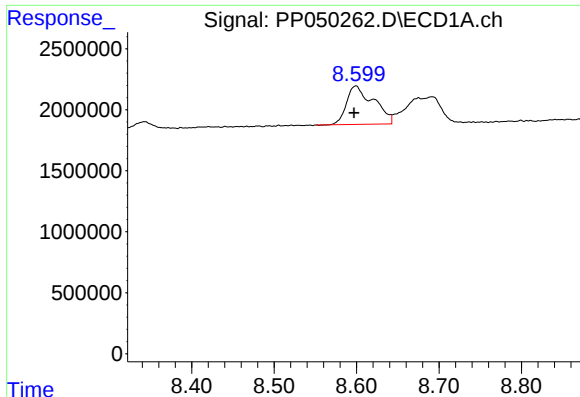
#40 AR-1262-5

R.T.: 9.349 min
Delta R.T.: 0.001 min
Response: 3770440
Conc: 47.77 ng/ml



#40 AR-1262-5

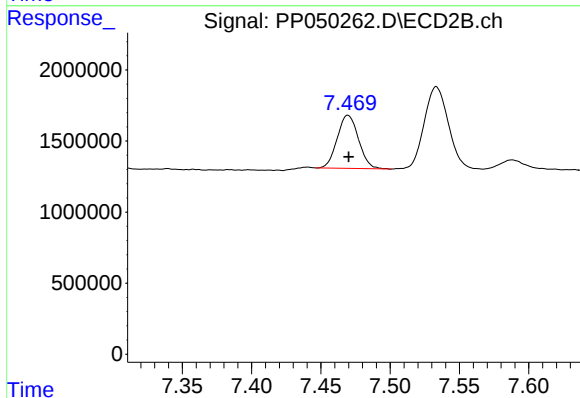
R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 3118041
Conc: 48.41 ng/ml



#41 AR-1268-1

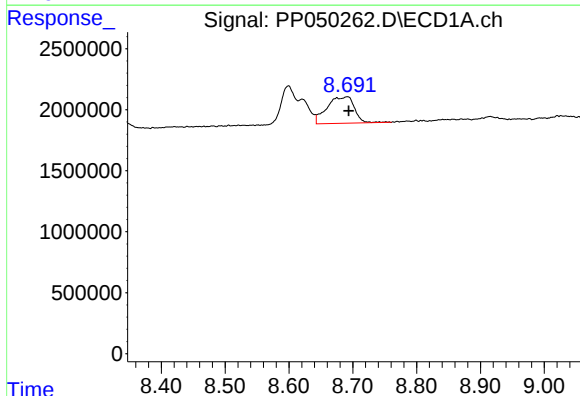
R.T.: 8.599 min
Delta R.T.: 0.002 min
Response: 7202369
Conc: 28.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



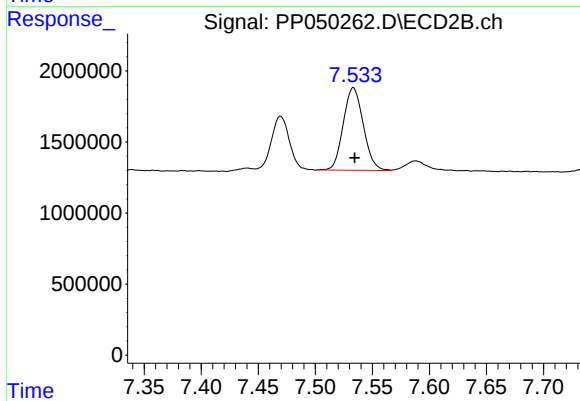
#41 AR-1268-1

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 4002277
Conc: 18.21 ng/ml



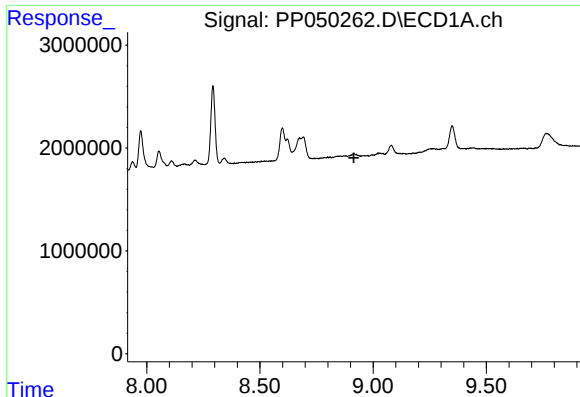
#42 AR-1268-2

R.T.: 8.691 min
Delta R.T.: -0.003 min
Response: 6498599
Conc: 26.64 ng/ml



#42 AR-1268-2

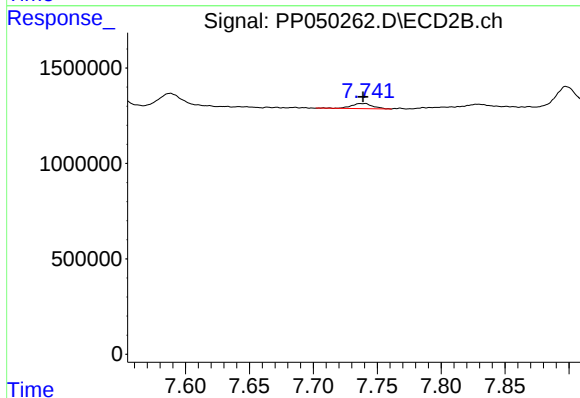
R.T.: 7.533 min
Delta R.T.: -0.001 min
Response: 7123821
Conc: 35.77 ng/ml



#43 AR-1268-3

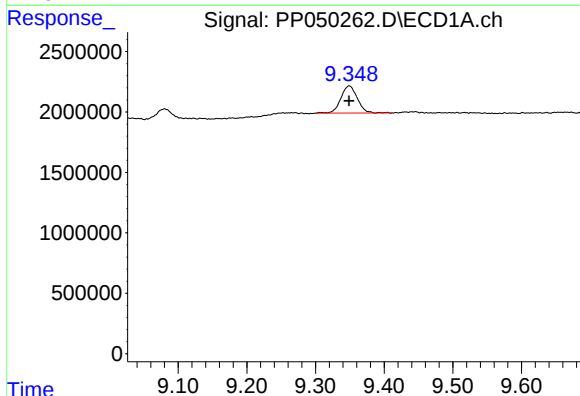
R.T.: 0.000 min
Exp R.T.: 8.915 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



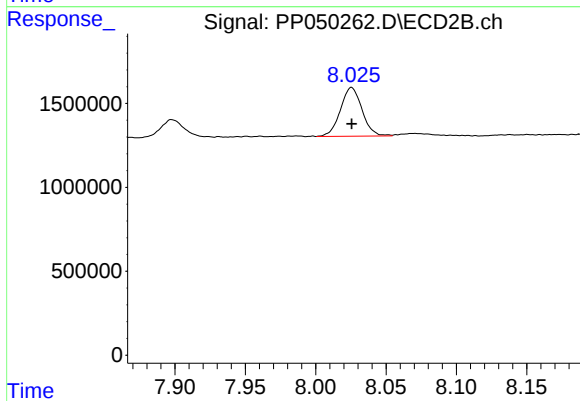
#43 AR-1268-3

R.T.: 7.740 min
Delta R.T.: 0.001 min
Response: 313490
Conc: 1.85 ng/ml



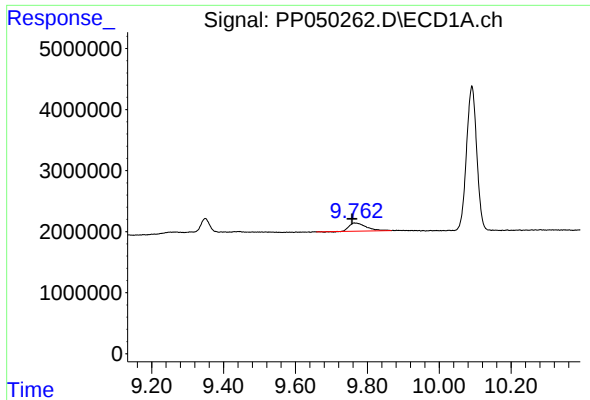
#44 AR-1268-4

R.T.: 9.349 min
Delta R.T.: 0.000 min
Response: 3770440
Conc: 43.75 ng/ml



#44 AR-1268-4

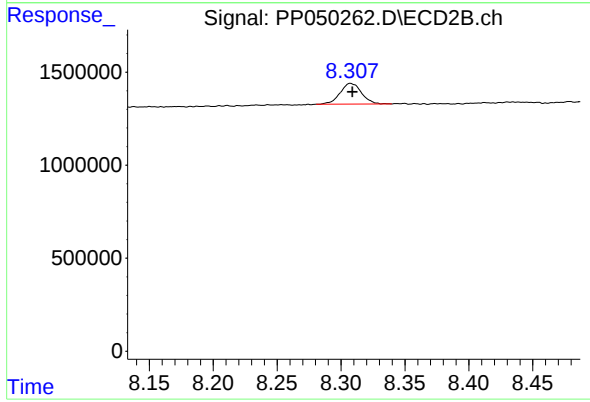
R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 3118041
Conc: 43.88 ng/ml



#45 AR-1268-5

R.T.: 9.765 min
Delta R.T.: 0.008 min
Response: 4405842
Conc: 6.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



#45 AR-1268-5

R.T.: 8.307 min
Delta R.T.: -0.001 min
Response: 1296760
Conc: 2.36 ng/ml