

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081919\
 Data File : P0059454.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Aug 2019 13:14
 Operator : SM/AJ
 Sample : K3591-03
 Misc : AR1221 MDL 25 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 MDL-MDL-SOIL-03-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 00:58:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.146	3.509	708164	613469	20.226	17.043
2)	SA Decachlor...	9.635	8.380	761521	601825	14.314	14.926
Target Compounds							
3)	L1 AR-1016-1	5.300	0.000	6403	0	3.992	N.D. #
4)	L1 AR-1016-2	5.320	0.000	7538	0	3.151	N.D. #
5)	L1 AR-1016-3	5.381	0.000	7934	0	5.327	N.D. #
6)	L1 AR-1016-4	5.480	0.000	2758	0	2.280	N.D. #
8)	L2 AR-1221-1	4.356	3.715	13956	10411	32.957	25.938
9)	L2 AR-1221-2	4.445	3.801	20819	15216	64.099	49.950
10)	L2 AR-1221-3	4.518	3.873	33259	24352	31.619	24.888
11)	L3 AR-1232-1	4.518	3.873	33259	24352	26.684	21.359
12)	L3 AR-1232-2	5.034	0.000	5557	0	7.867	N.D. #
13)	L3 AR-1232-3	5.320	0.000	7538	0	4.923	N.D. #
14)	L3 AR-1232-4	5.480	0.000	2758	0	3.527	N.D. #
15)	L3 AR-1232-5	5.570	0.000	4057	0	6.749	N.D. #
16)	L4 AR-1242-1	5.300	0.000	6403	0	5.044	N.D. #
17)	L4 AR-1242-2	5.320	0.000	7538	0	4.062	N.D. #
18)	L4 AR-1242-3	5.381	0.000	7934	0	6.788	N.D. #
19)	L4 AR-1242-4	5.480	0.000	2758	0	2.849	N.D. #
20)	L4 AR-1242-5	6.142	5.370	11509	19682	9.159	17.596 #
21)	L5 AR-1248-1	5.300	0.000	6403	0	6.387	N.D. #
22)	L5 AR-1248-2	5.570	0.000	4057	0	2.796	N.D. #
24)	L5 AR-1248-4	6.142	0.000	11509	0	5.630	N.D. #
25)	L5 AR-1248-5	6.142	5.370	11509	19682	5.804	13.752 #
26)	L6 AR-1254-1	6.142	5.370	11509	19682	5.516	8.298 #
27)	L6 AR-1254-2	6.369	5.483	4368	21949	1.309	10.460 #
28)	L6 AR-1254-3	6.695	5.884	5651	61988	1.593	18.435 #
29)	L6 AR-1254-4	7.006	6.087	14519	14830	4.929	7.192 #
30)	L6 AR-1254-5	0.000	6.505	0	3915	N.D.	1.261 #
31)	L7 AR-1260-1	6.893	5.952	6446	6476	2.391	2.842
32)	L7 AR-1260-2	7.133	6.200	6105	15554	1.645	5.309 #
33)	L7 AR-1260-3	0.000	6.398	0	9272	N.D.	3.500 #
35)	L7 AR-1260-5	8.022	0.000	44747	0	6.319	N.D. #
36)	L8 AR-1262-1	0.000	6.505	0	3915	N.D.	1.050 #
37)	L8 AR-1262-2	8.022	0.000	44747	0	5.799	N.D. #
40)	L8 AR-1262-5	8.977	0.000	22755	0	8.866	N.D. #
43)	L9 AR-1268-3	8.585	0.000	23866	0	3.386	N.D. #
44)	L9 AR-1268-4	8.977	0.000	22755	0	8.185	N.D. #
45)	L9 AR-1268-5	9.346	8.155	192484	5074	10.437	0.349 #

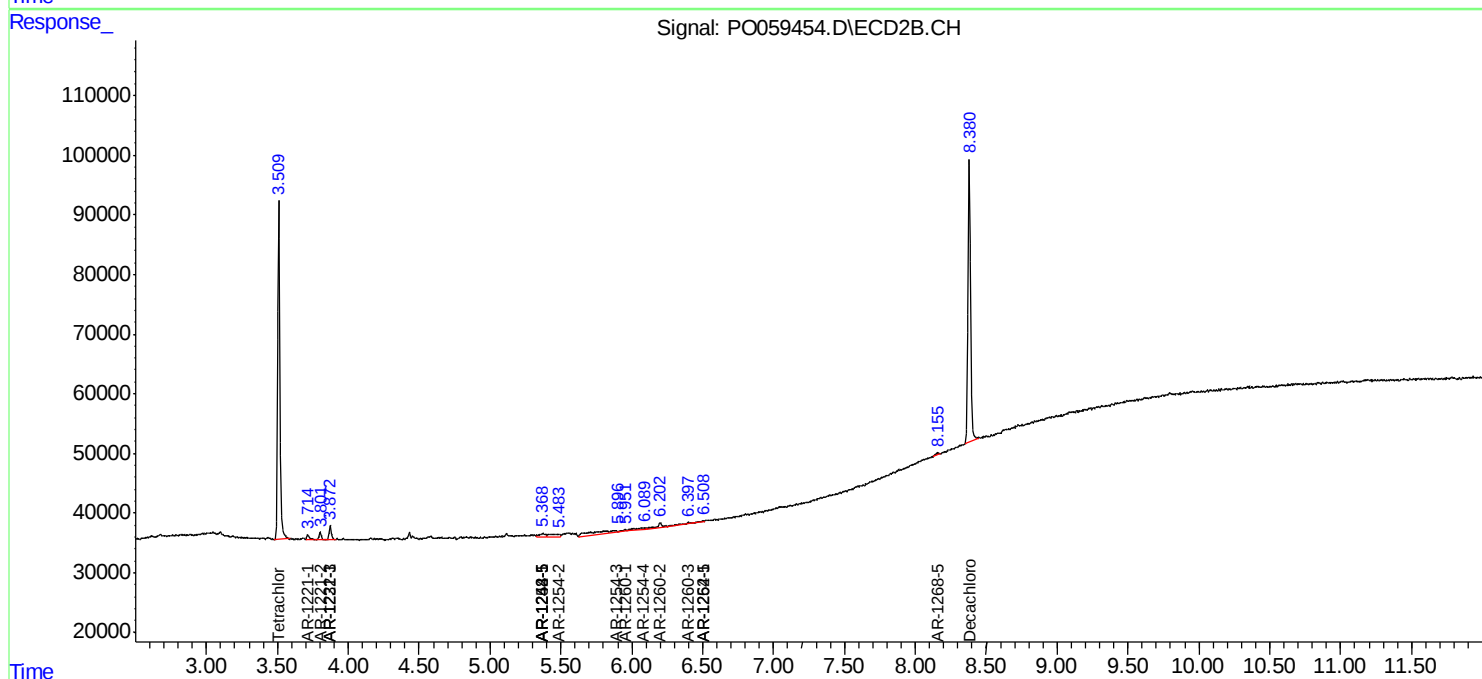
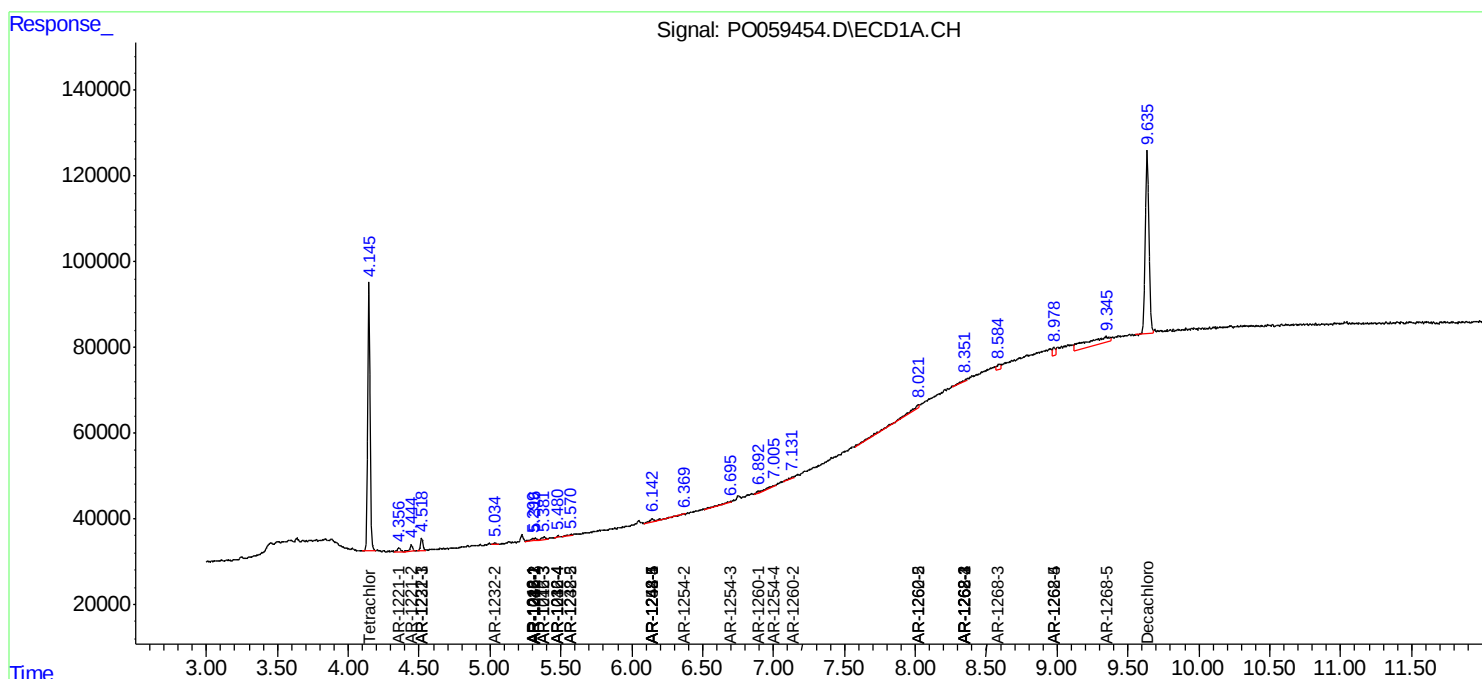
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

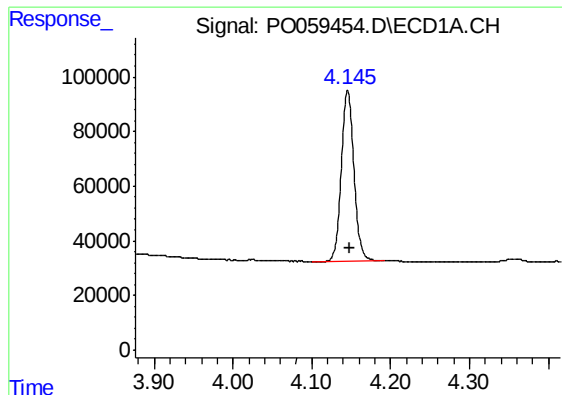
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081919\
Data File : PO059454.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Aug 2019 13:14
Operator : SM/AJ
Sample : K3591-03
Misc : AR1221 MDL 25 PPB
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 00:58:57 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 17 03:09:44 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

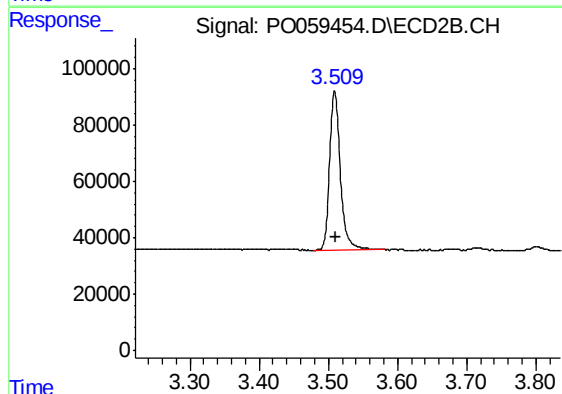




#1 Tetrachloro-m-xylene

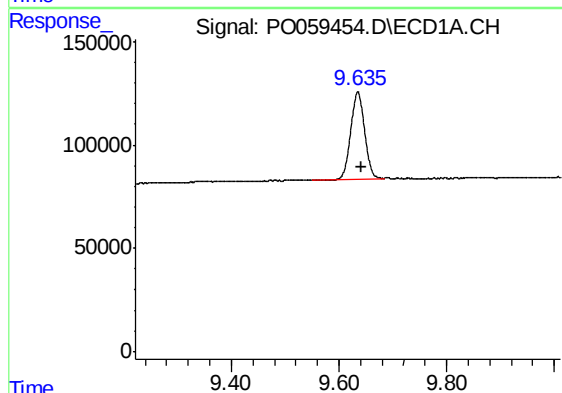
R.T.: 4.146 min
Delta R.T.: -0.003 min
Response: 708164
Conc: 20.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



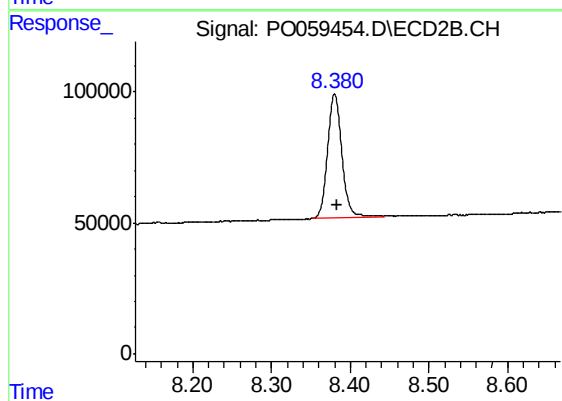
#1 Tetrachloro-m-xylene

R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 613469
Conc: 17.04 ng/ml



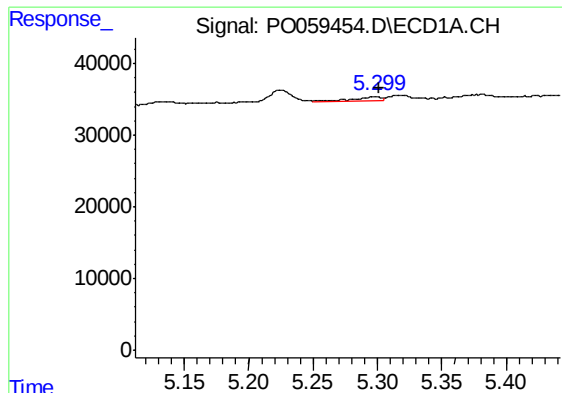
#2 Decachlorobiphenyl

R.T.: 9.635 min
Delta R.T.: -0.006 min
Response: 761521
Conc: 14.31 ng/ml



#2 Decachlorobiphenyl

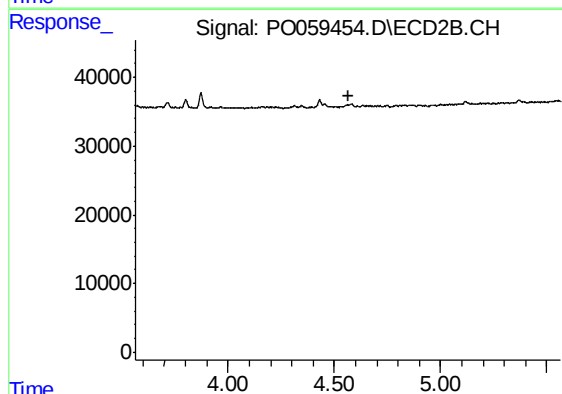
R.T.: 8.380 min
Delta R.T.: -0.003 min
Response: 601825
Conc: 14.93 ng/ml



#3 AR-1016-1

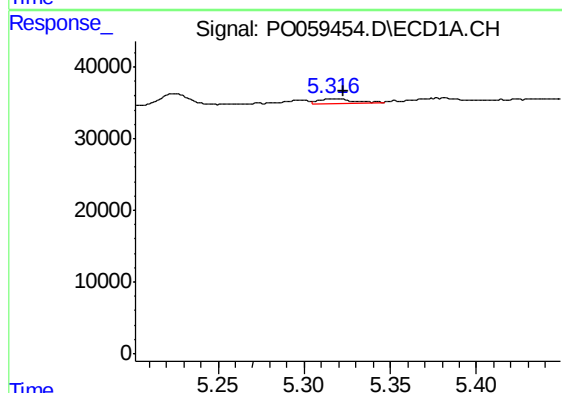
R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 6403
Conc: 3.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



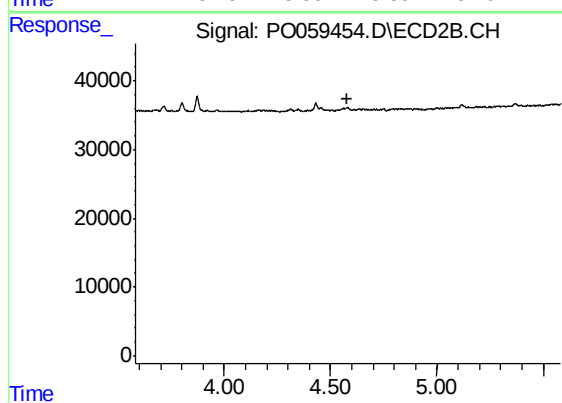
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.565 min
Response: 0
Conc: N.D.



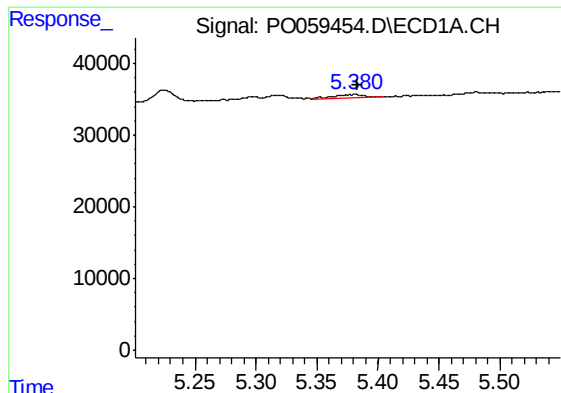
#4 AR-1016-2

R.T.: 5.320 min
Delta R.T.: -0.003 min
Response: 7538
Conc: 3.15 ng/ml



#4 AR-1016-2

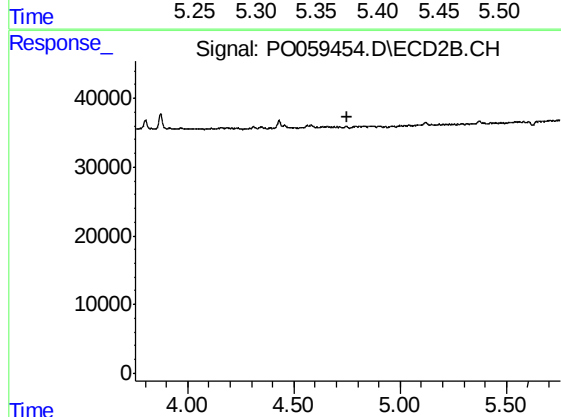
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#5 AR-1016-3

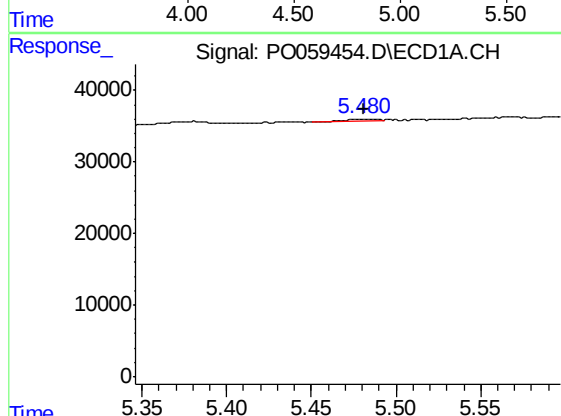
R.T.: 5.381 min
Delta R.T.: -0.002 min
Response: 7934
Conc: 5.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



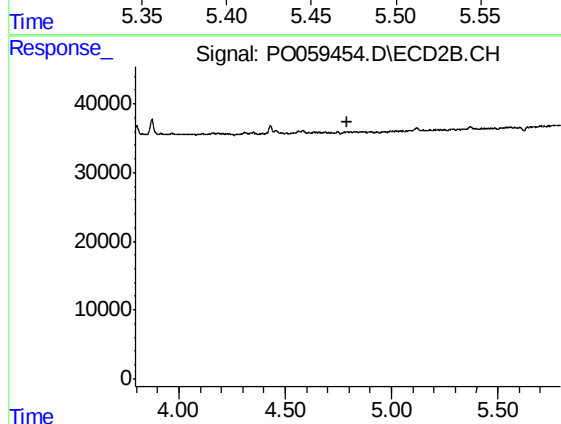
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



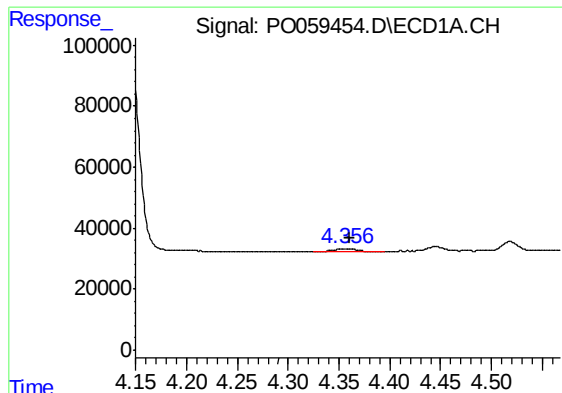
#6 AR-1016-4

R.T.: 5.480 min
Delta R.T.: -0.001 min
Response: 2758
Conc: 2.28 ng/ml



#6 AR-1016-4

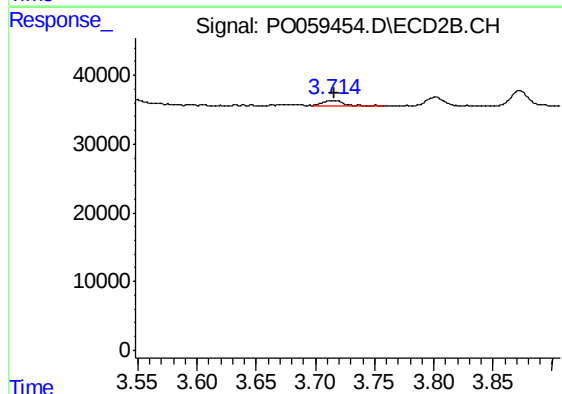
R.T.: 0.000 min
Exp R.T. : 4.795 min
Response: 0
Conc: N.D.



#8 AR-1221-1

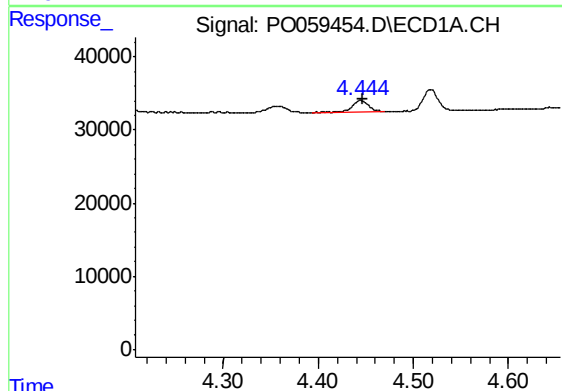
R.T.: 4.356 min
Delta R.T.: -0.004 min
Response: 13956
Conc: 32.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



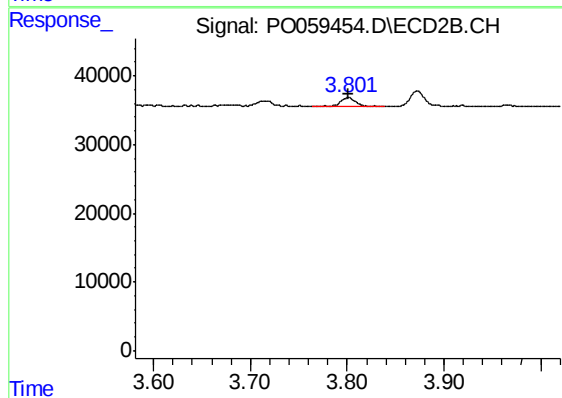
#8 AR-1221-1

R.T.: 3.715 min
Delta R.T.: -0.002 min
Response: 10411
Conc: 25.94 ng/ml



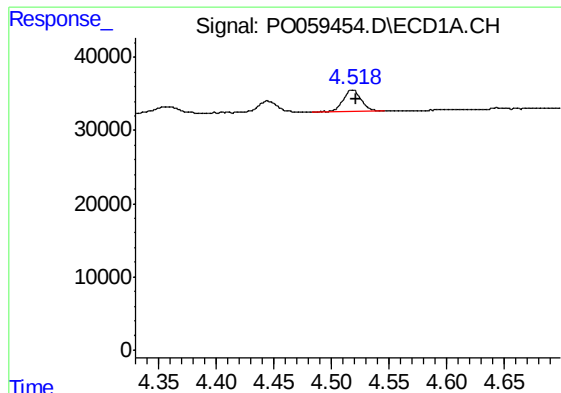
#9 AR-1221-2

R.T.: 4.445 min
Delta R.T.: -0.002 min
Response: 20819
Conc: 64.10 ng/ml



#9 AR-1221-2

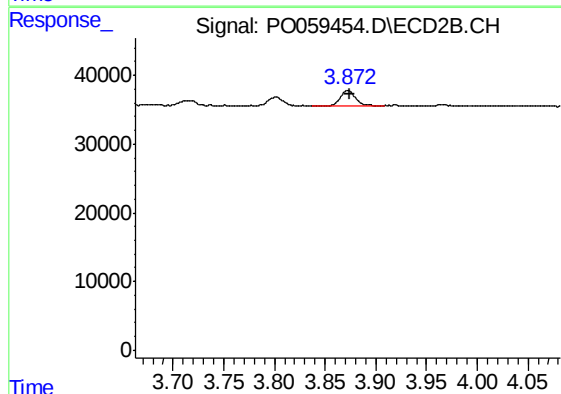
R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 15216
Conc: 49.95 ng/ml



#10 AR-1221-3

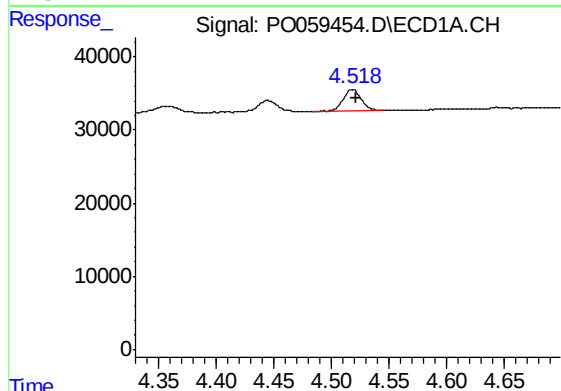
R.T.: 4.518 min
Delta R.T.: -0.004 min
Response: 33259
Conc: 31.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



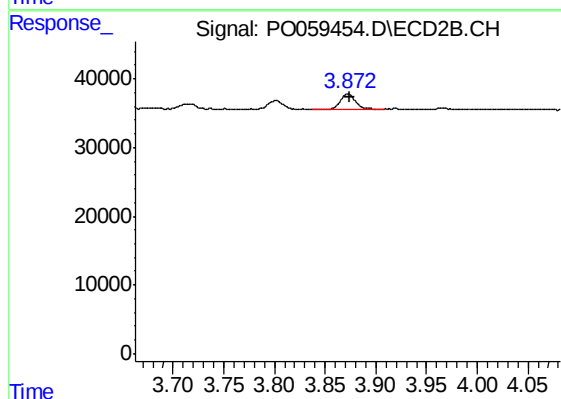
#10 AR-1221-3

R.T.: 3.873 min
Delta R.T.: -0.002 min
Response: 24352
Conc: 24.89 ng/ml



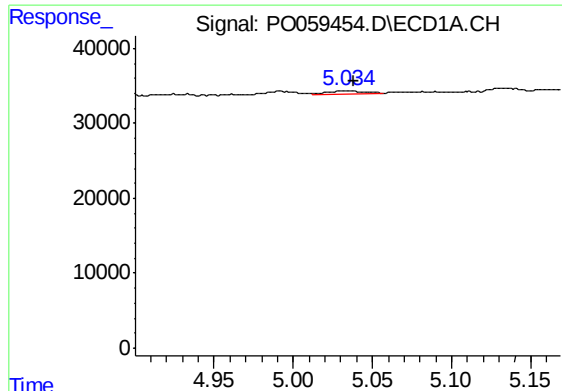
#11 AR-1232-1

R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 33259
Conc: 26.68 ng/ml



#11 AR-1232-1

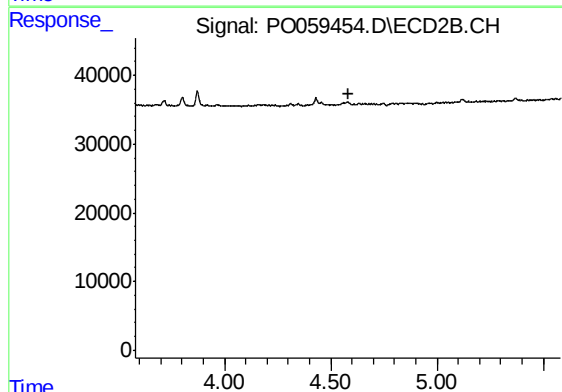
R.T.: 3.873 min
Delta R.T.: -0.001 min
Response: 24352
Conc: 21.36 ng/ml



#12 AR-1232-2

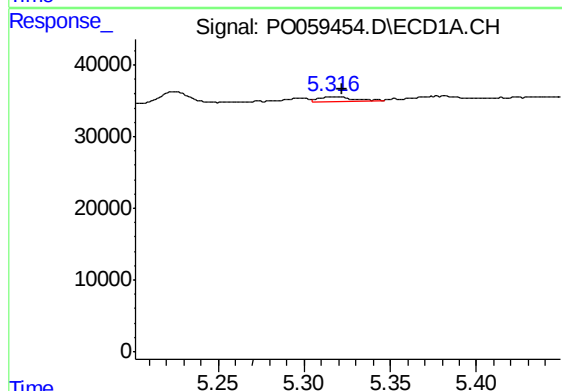
R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 5557
Conc: 7.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



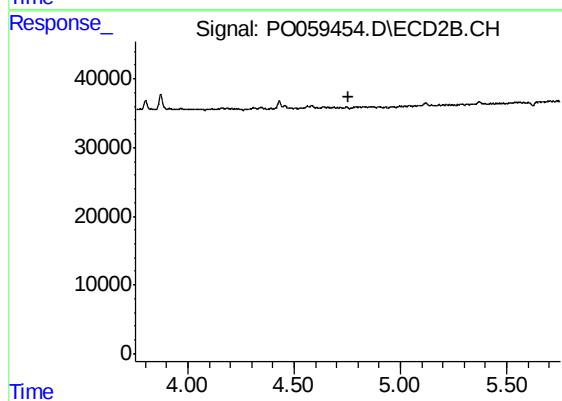
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



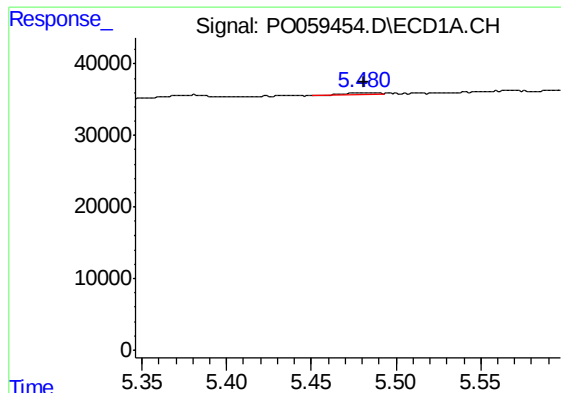
#13 AR-1232-3

R.T.: 5.320 min
Delta R.T.: -0.002 min
Response: 7538
Conc: 4.92 ng/ml



#13 AR-1232-3

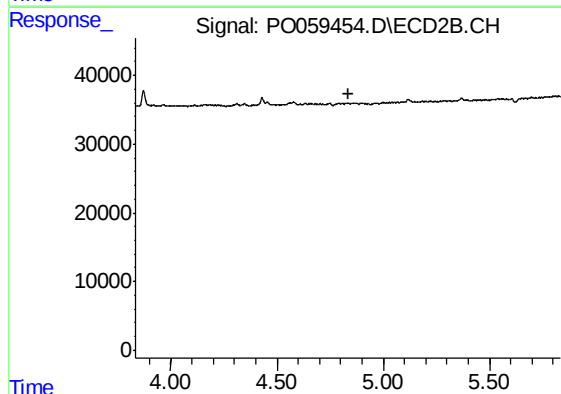
R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



#14 AR-1232-4

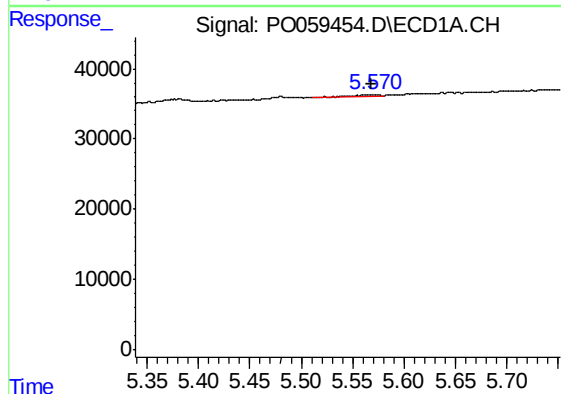
R.T.: 5.480 min
Delta R.T.: -0.001 min
Response: 2758
Conc: 3.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



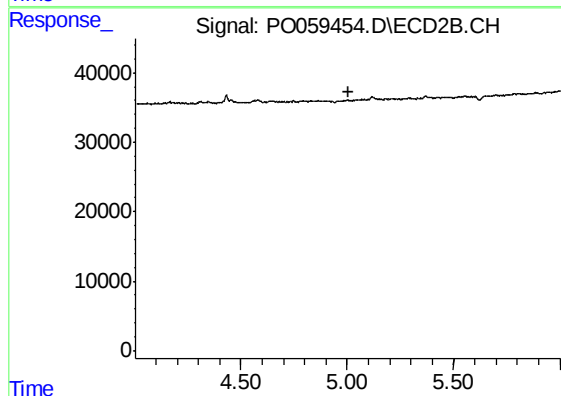
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



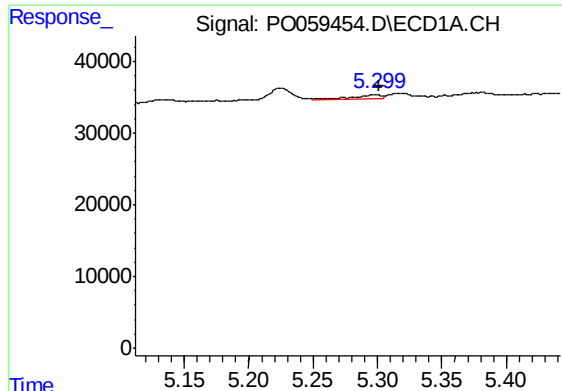
#15 AR-1232-5

R.T.: 5.570 min
Delta R.T.: 0.002 min
Response: 4057
Conc: 6.75 ng/ml



#15 AR-1232-5

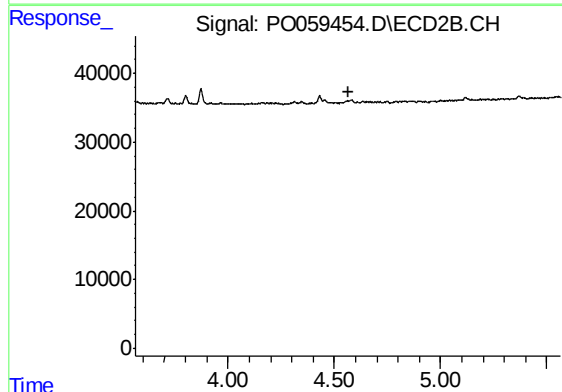
R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



#16 AR-1242-1

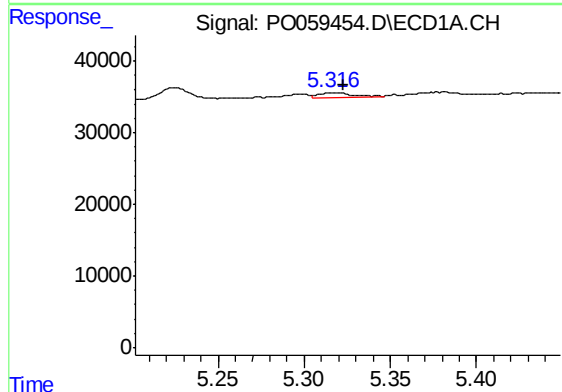
R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 6403
Conc: 5.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



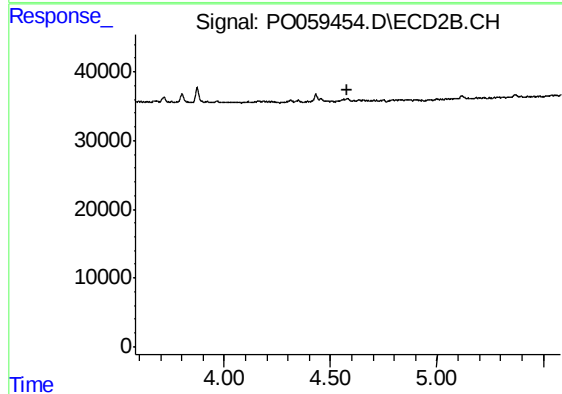
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



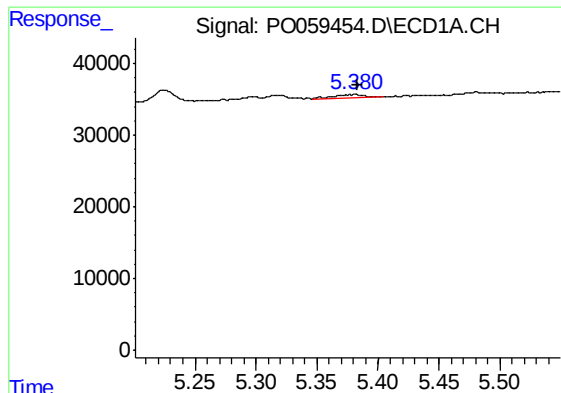
#17 AR-1242-2

R.T.: 5.320 min
Delta R.T.: -0.002 min
Response: 7538
Conc: 4.06 ng/ml



#17 AR-1242-2

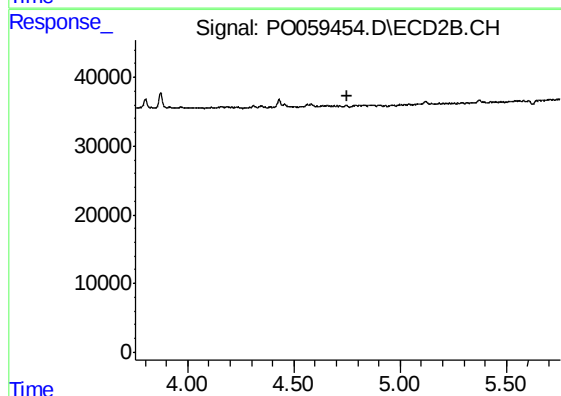
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#18 AR-1242-3

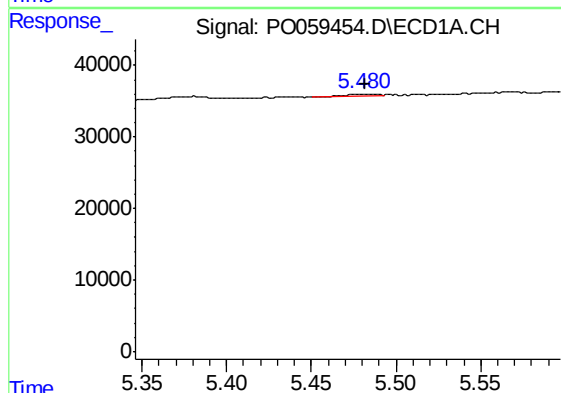
R.T.: 5.381 min
Delta R.T.: -0.002 min
Response: 7934
Conc: 6.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



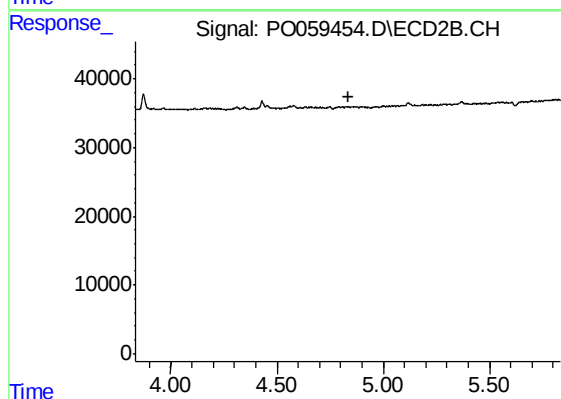
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



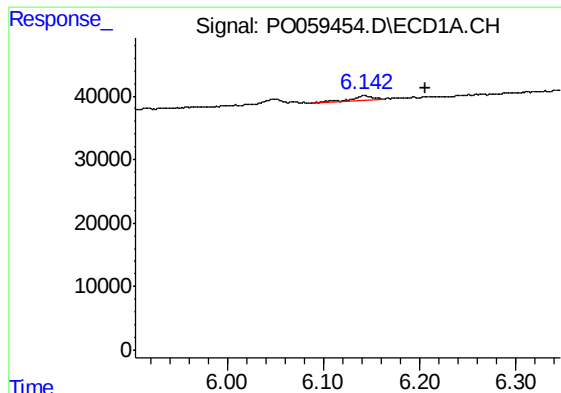
#19 AR-1242-4

R.T.: 5.480 min
Delta R.T.: -0.001 min
Response: 2758
Conc: 2.85 ng/ml



#19 AR-1242-4

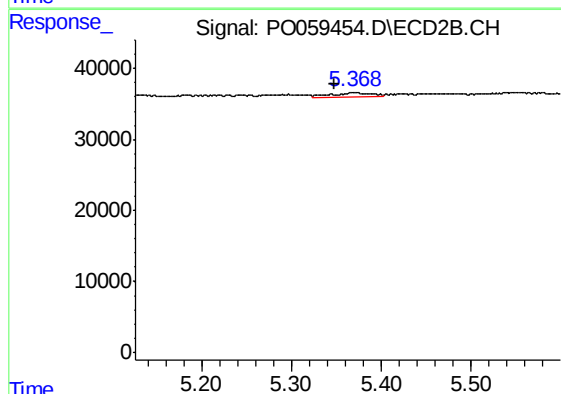
R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#20 AR-1242-5

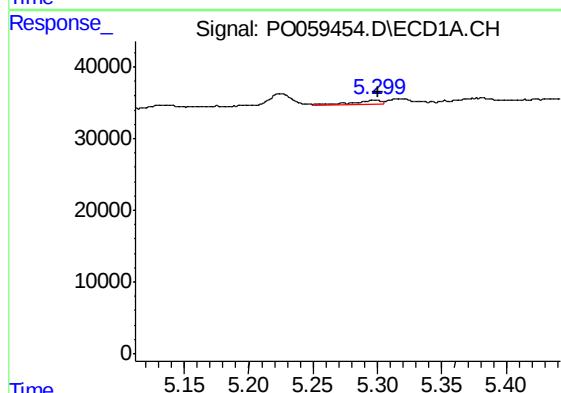
R.T.: 6.142 min
Delta R.T.: -0.063 min
Response: 11509
Conc: 9.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



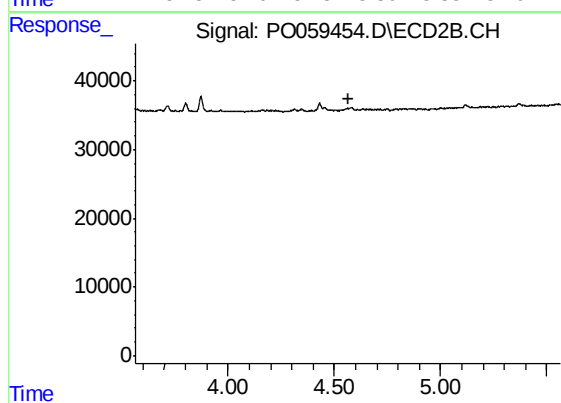
#20 AR-1242-5

R.T.: 5.370 min
Delta R.T.: 0.022 min
Response: 19682
Conc: 17.60 ng/ml



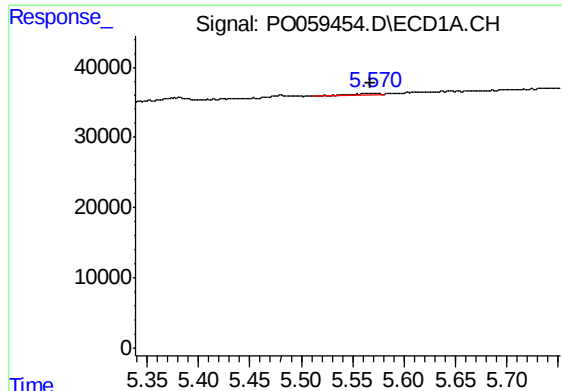
#21 AR-1248-1

R.T.: 5.300 min
Delta R.T.: -0.001 min
Response: 6403
Conc: 6.39 ng/ml



#21 AR-1248-1

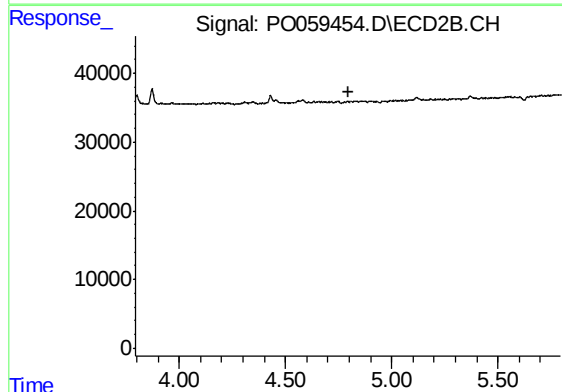
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#22 AR-1248-2

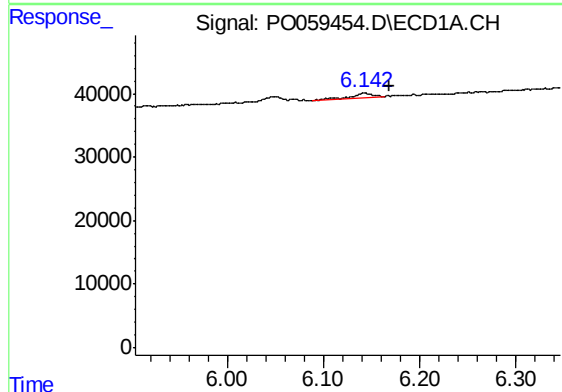
R.T.: 5.570 min
Delta R.T.: 0.003 min
Response: 4057
Conc: 2.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



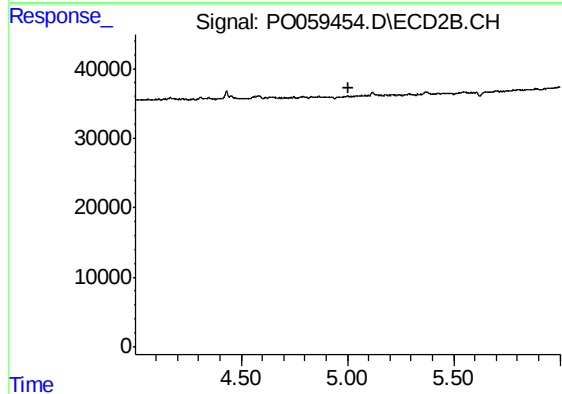
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.794 min
Response: 0
Conc: N.D.



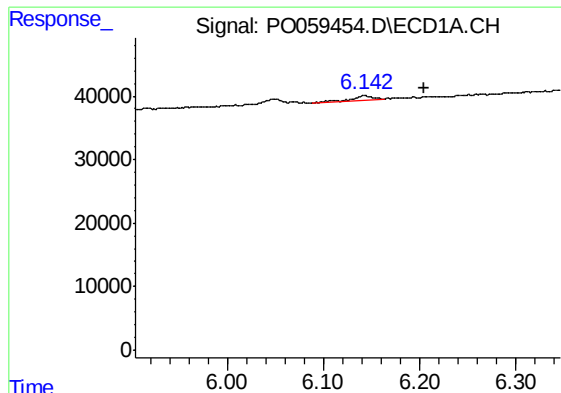
#24 AR-1248-4

R.T.: 6.142 min
Delta R.T.: -0.026 min
Response: 11509
Conc: 5.63 ng/ml



#24 AR-1248-4

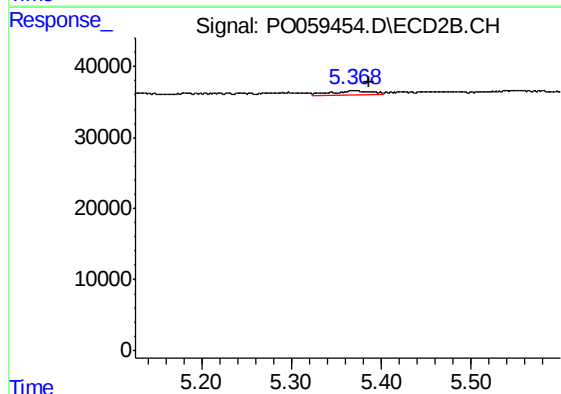
R.T.: 0.000 min
Exp R.T. : 5.003 min
Response: 0
Conc: N.D.



#25 AR-1248-5

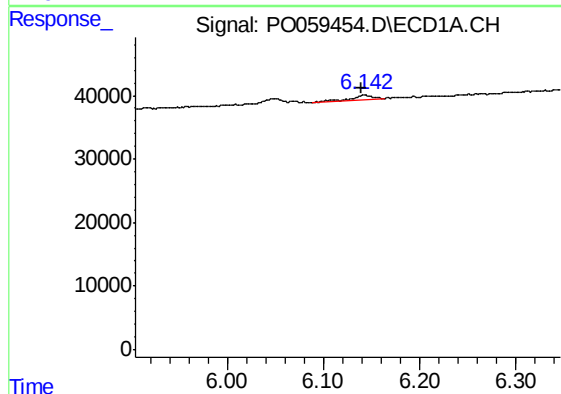
R.T.: 6.142 min
Delta R.T.: -0.063 min
Response: 11509
Conc: 5.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



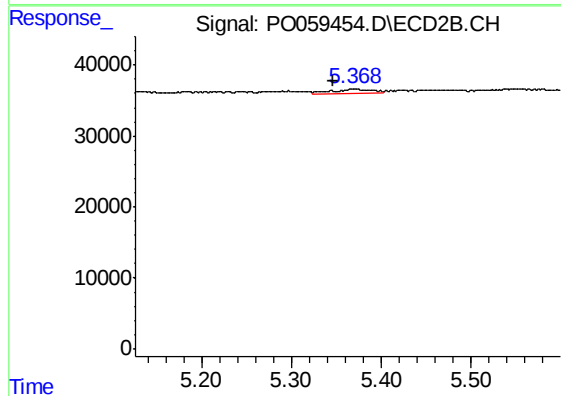
#25 AR-1248-5

R.T.: 5.370 min
Delta R.T.: -0.017 min
Response: 19682
Conc: 13.75 ng/ml



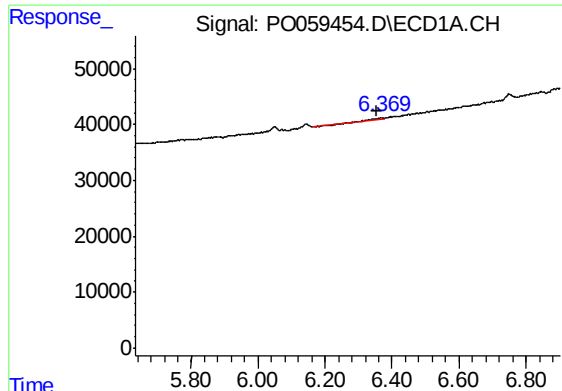
#26 AR-1254-1

R.T.: 6.142 min
Delta R.T.: 0.003 min
Response: 11509
Conc: 5.52 ng/ml



#26 AR-1254-1

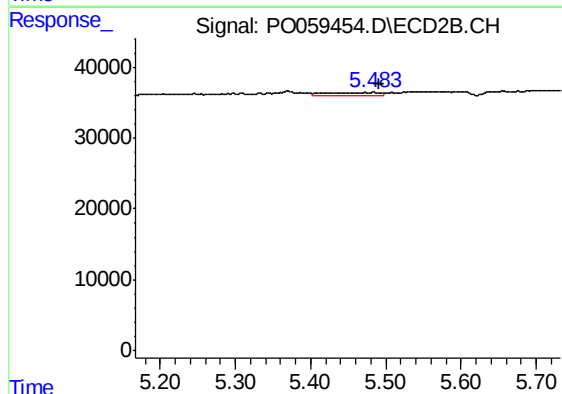
R.T.: 5.370 min
Delta R.T.: 0.023 min
Response: 19682
Conc: 8.30 ng/ml



#27 AR-1254-2

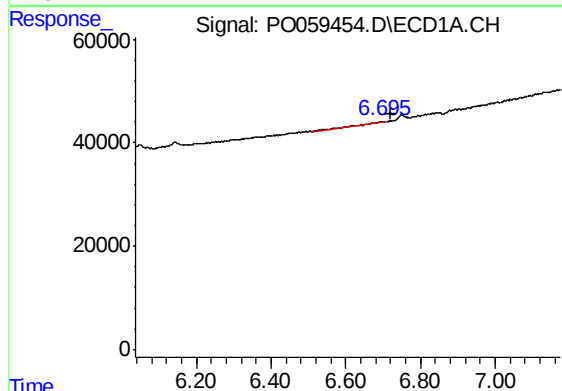
R.T.: 6.369 min
Delta R.T.: 0.015 min
Response: 4368
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



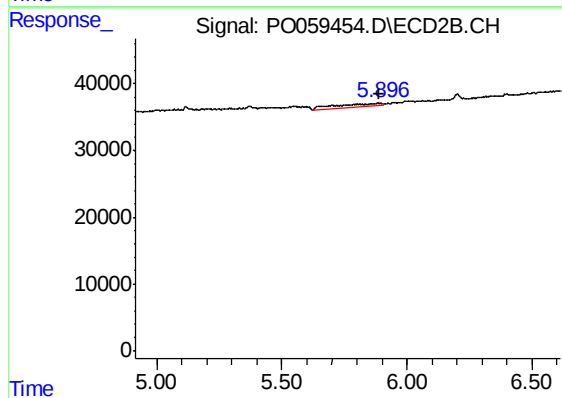
#27 AR-1254-2

R.T.: 5.483 min
Delta R.T.: -0.009 min
Response: 21949
Conc: 10.46 ng/ml



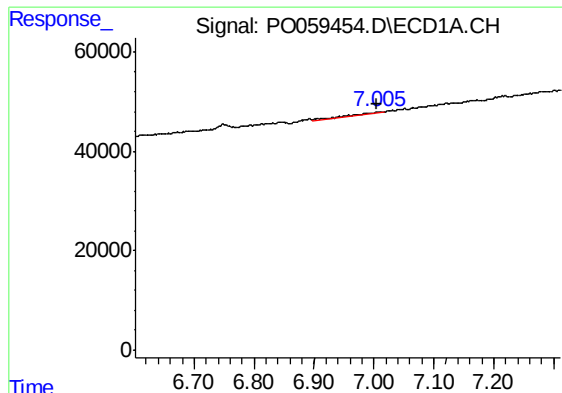
#28 AR-1254-3

R.T.: 6.695 min
Delta R.T.: -0.025 min
Response: 5651
Conc: 1.59 ng/ml



#28 AR-1254-3

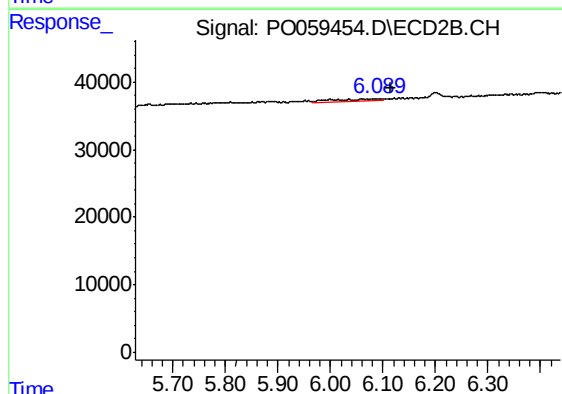
R.T.: 5.884 min
Delta R.T.: -0.005 min
Response: 61988
Conc: 18.43 ng/ml



#29 AR-1254-4

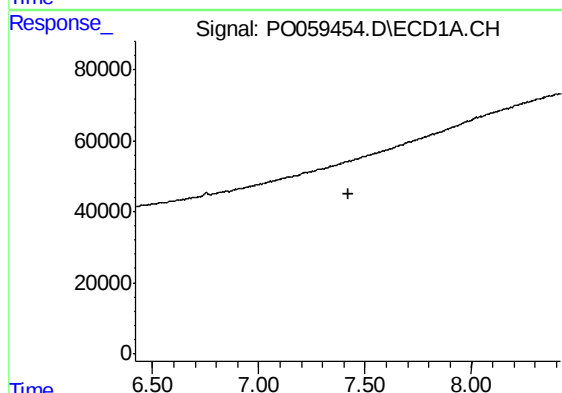
R.T.: 7.006 min
Delta R.T.: 0.002 min
Response: 14519
Conc: 4.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



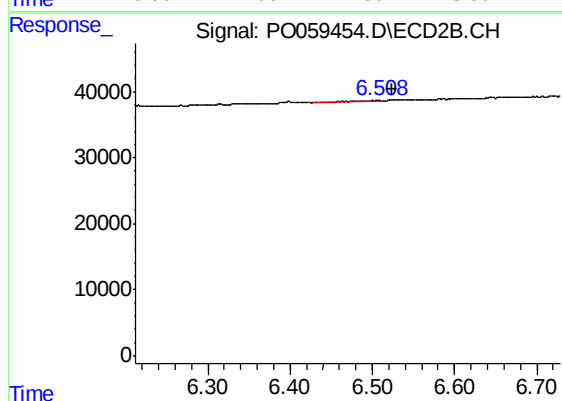
#29 AR-1254-4

R.T.: 6.087 min
Delta R.T.: -0.028 min
Response: 14830
Conc: 7.19 ng/ml



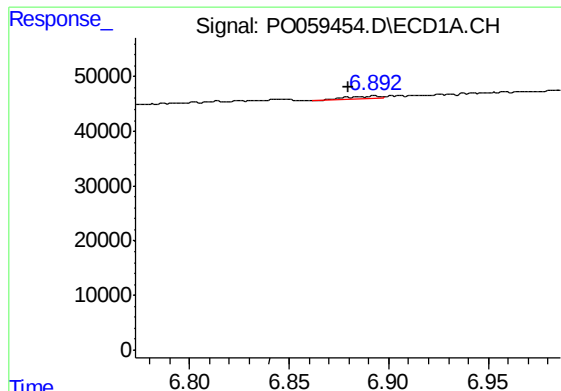
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.419 min
Response: 0
Conc: N.D.



#30 AR-1254-5

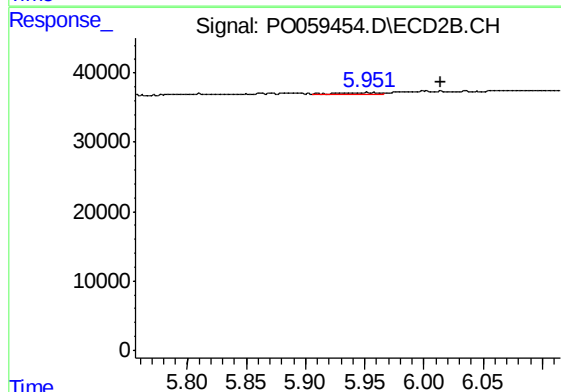
R.T.: 6.505 min
Delta R.T.: -0.019 min
Response: 3915
Conc: 1.26 ng/ml



#31 AR-1260-1

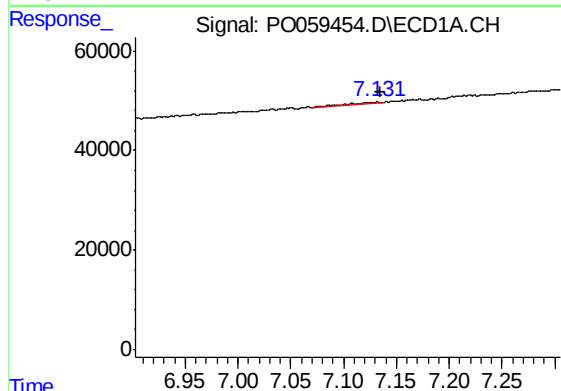
R.T.: 6.893 min
Delta R.T.: 0.013 min
Response: 6446
Conc: 2.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



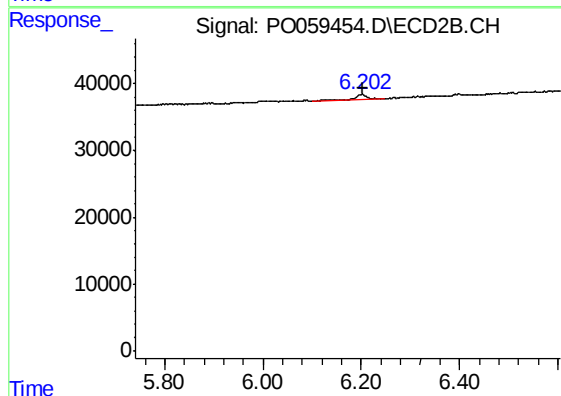
#31 AR-1260-1

R.T.: 5.952 min
Delta R.T.: -0.062 min
Response: 6476
Conc: 2.84 ng/ml



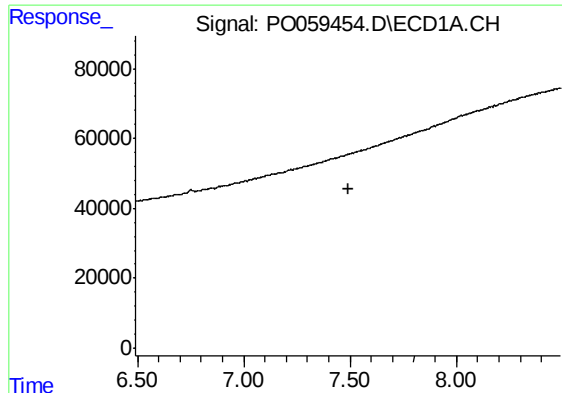
#32 AR-1260-2

R.T.: 7.133 min
Delta R.T.: -0.002 min
Response: 6105
Conc: 1.65 ng/ml



#32 AR-1260-2

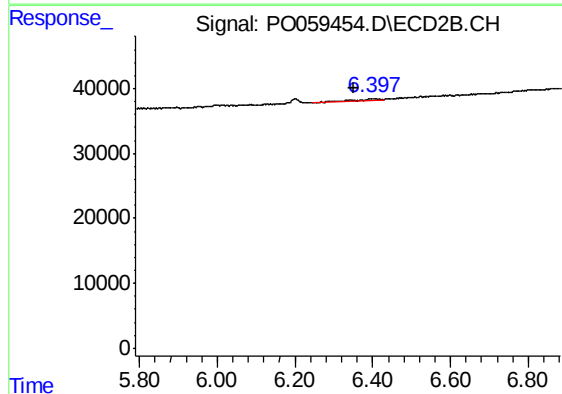
R.T.: 6.200 min
Delta R.T.: -0.002 min
Response: 15554
Conc: 5.31 ng/ml



#33 AR-1260-3

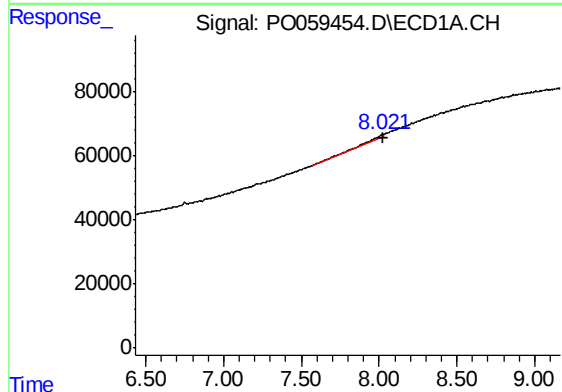
R.T.: 0.000 min
Exp R.T. : 7.490 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



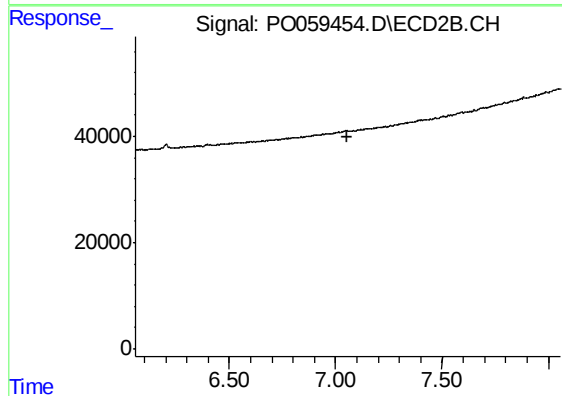
#33 AR-1260-3

R.T.: 6.398 min
Delta R.T.: 0.046 min
Response: 9272
Conc: 3.50 ng/ml



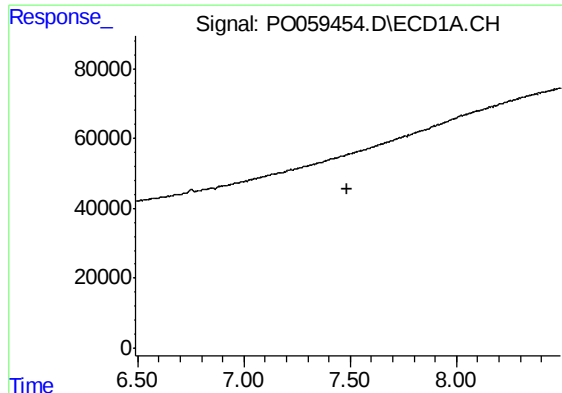
#35 AR-1260-5

R.T.: 8.022 min
Delta R.T.: -0.002 min
Response: 44747
Conc: 6.32 ng/ml



#35 AR-1260-5

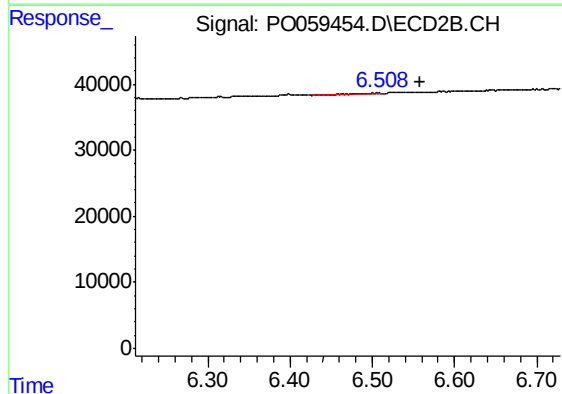
R.T.: 0.000 min
Exp R.T. : 7.057 min
Response: 0
Conc: N.D.



#36 AR-1262-1

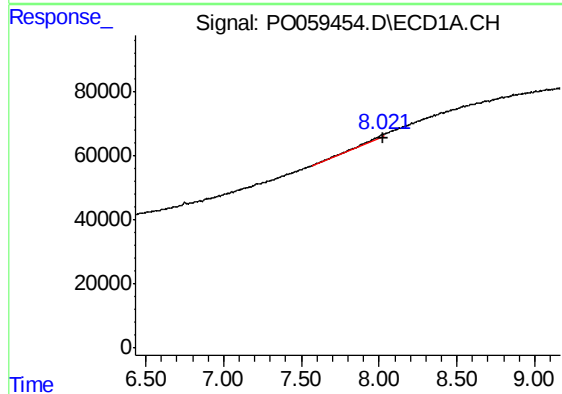
R.T.: 0.000 min
Exp R.T. : 7.489 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



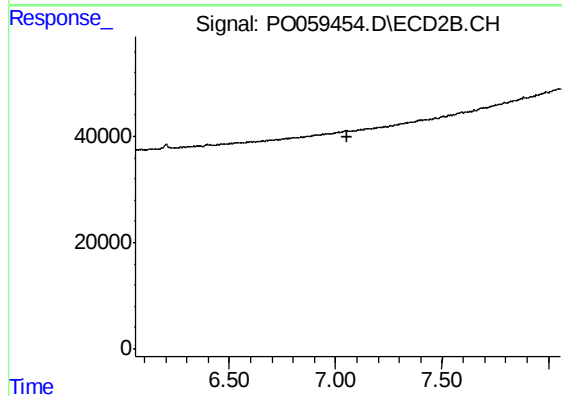
#36 AR-1262-1

R.T.: 6.505 min
Delta R.T.: -0.053 min
Response: 3915
Conc: 1.05 ng/ml



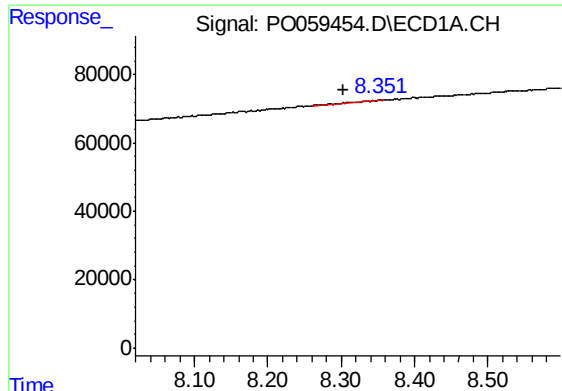
#37 AR-1262-2

R.T.: 8.022 min
Delta R.T.: -0.001 min
Response: 44747
Conc: 5.80 ng/ml



#37 AR-1262-2

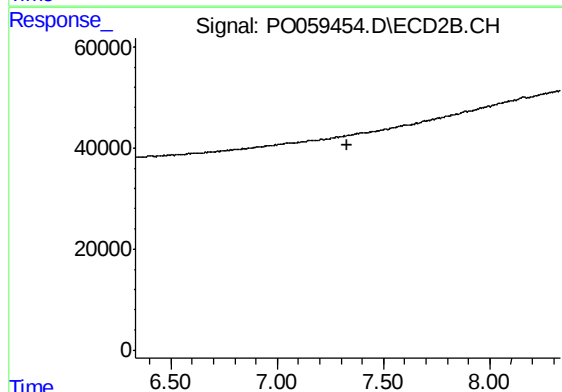
R.T.: 0.000 min
Exp R.T. : 7.057 min
Response: 0
Conc: N.D.



#38 AR-1262-3

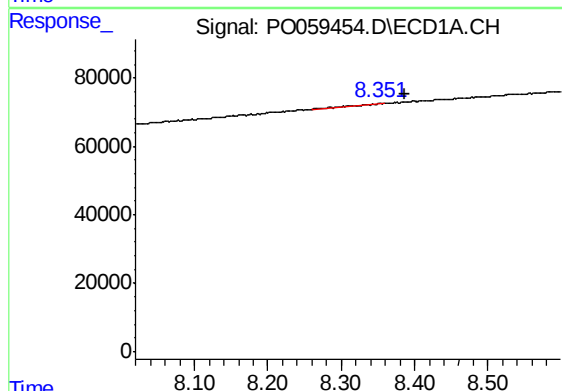
R.T.: 8.352 min
Delta R.T.: 0.048 min
Response: 3341
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



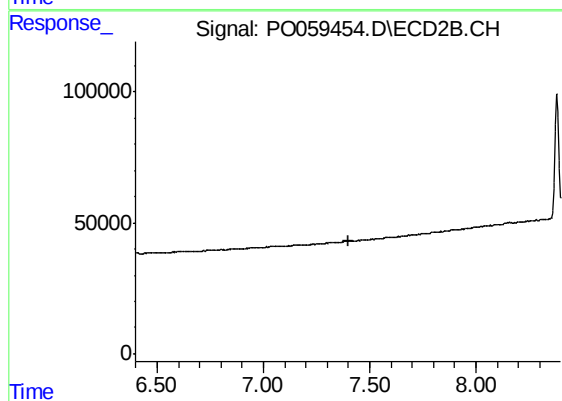
#38 AR-1262-3

R.T.: 7.396 min
Delta R.T.: 0.064 min
Response: -46695
Conc: N.D.



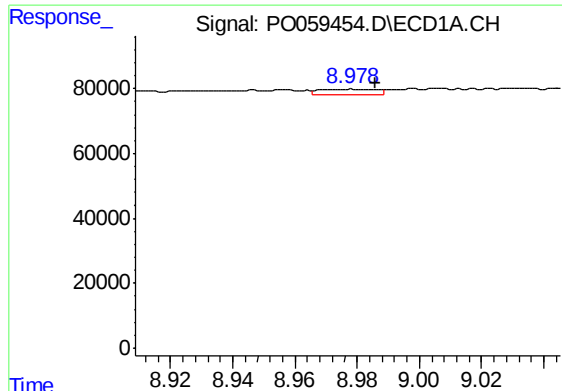
#39 AR-1262-4

R.T.: 8.352 min
Delta R.T.: -0.035 min
Response: 3341
Conc: 0.87 ng/ml



#39 AR-1262-4

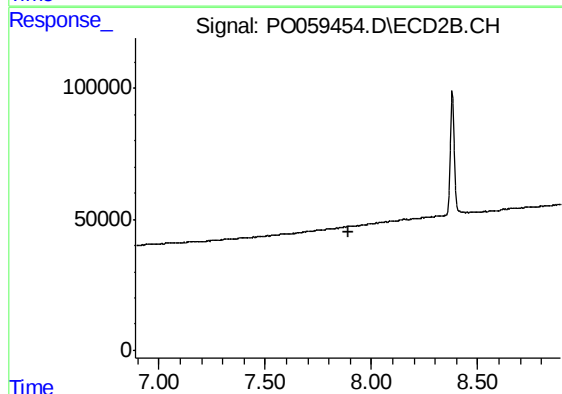
R.T.: 7.396 min
Delta R.T.: -0.001 min
Response: -46695
Conc: N.D.



#40 AR-1262-5

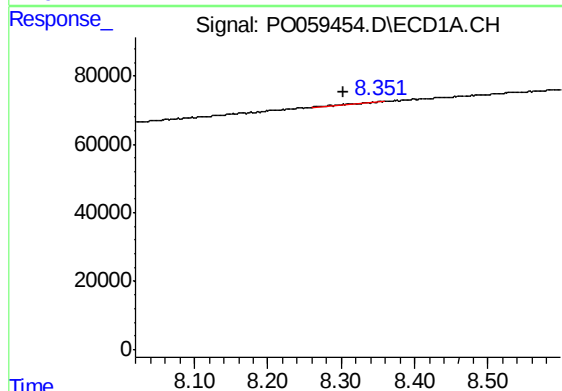
R.T.: 8.977 min
Delta R.T.: -0.009 min
Response: 22755
Conc: 8.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



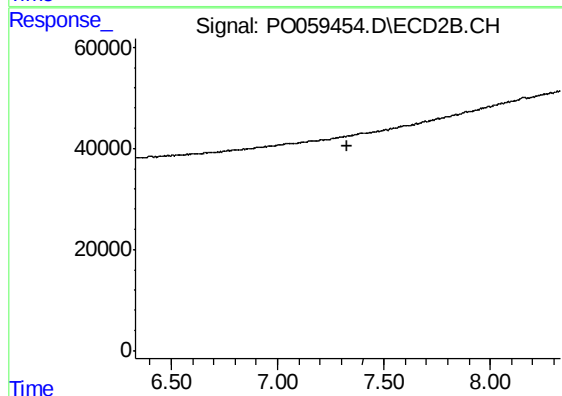
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.889 min
Response: 0
Conc: N.D.



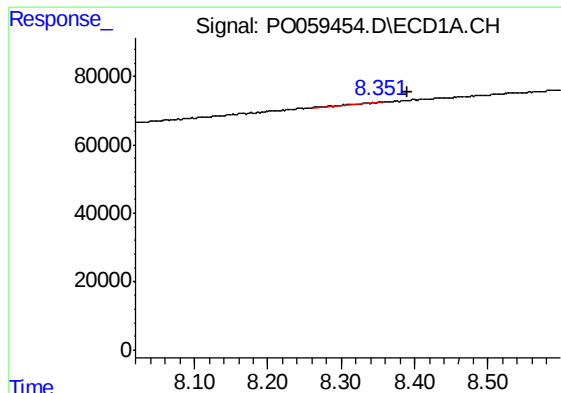
#41 AR-1268-1

R.T.: 8.352 min
Delta R.T.: 0.049 min
Response: 3341
Conc: 0.35 ng/ml



#41 AR-1268-1

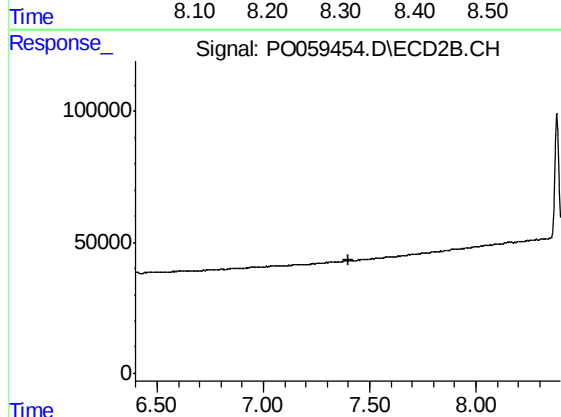
R.T.: 7.396 min
Delta R.T.: 0.066 min
Response: -46695
Conc: N.D.



#42 AR-1268-2

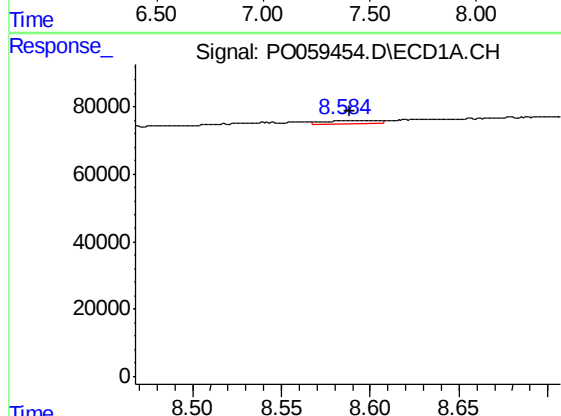
R.T.: 8.352 min
Delta R.T.: -0.038 min
Response: 3341
Conc: 0.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



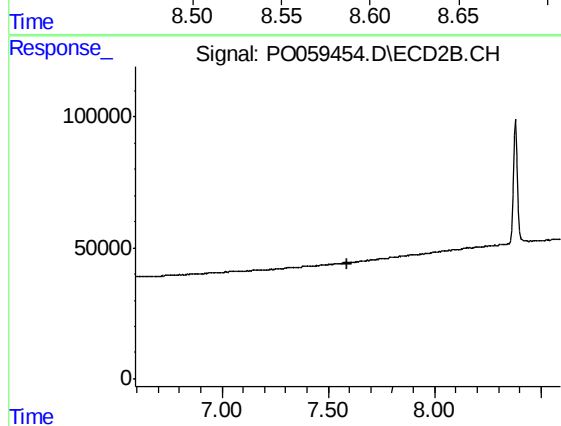
#42 AR-1268-2

R.T.: 7.396 min
Delta R.T.: -0.001 min
Response: -46695
Conc: N.D.



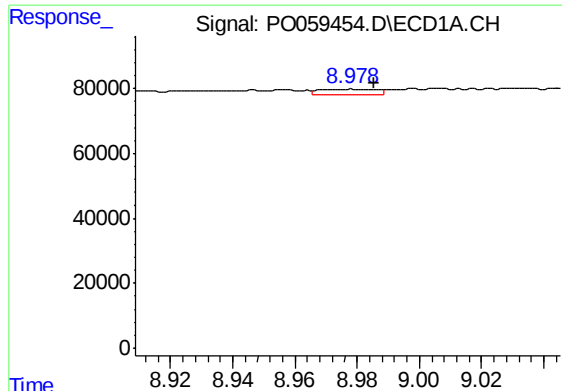
#43 AR-1268-3

R.T.: 8.585 min
Delta R.T.: -0.004 min
Response: 23866
Conc: 3.39 ng/ml



#43 AR-1268-3

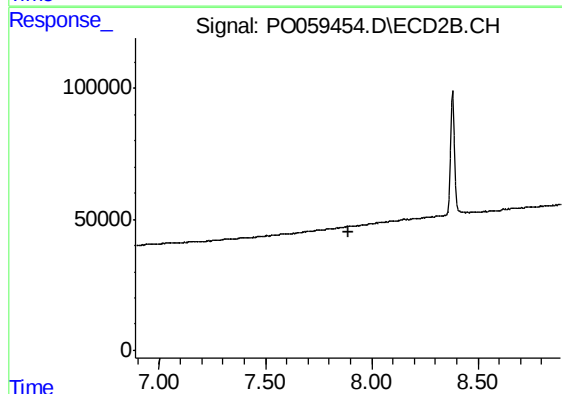
R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

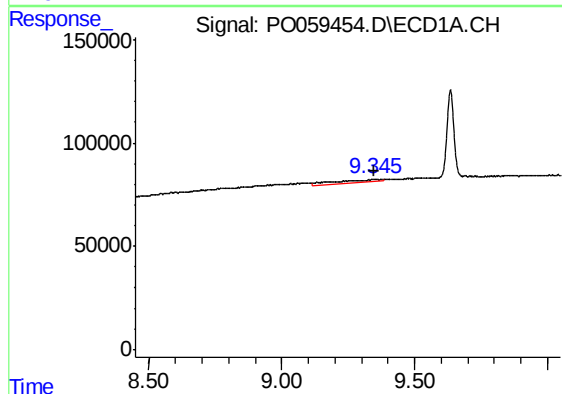
R.T.: 8.977 min
Delta R.T.: -0.009 min
Response: 22755
Conc: 8.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



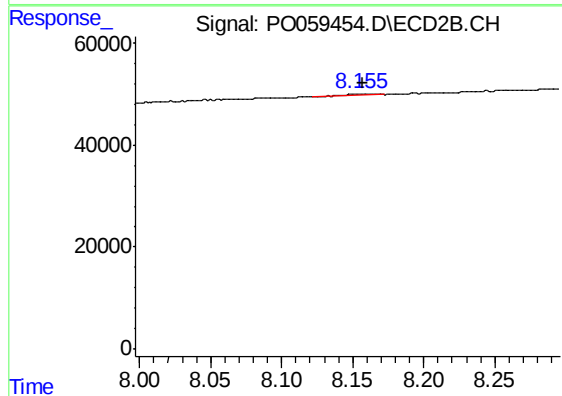
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.888 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.346 min
Delta R.T.: -0.004 min
Response: 192484
Conc: 10.44 ng/ml



#45 AR-1268-5

R.T.: 8.155 min
Delta R.T.: -0.001 min
Response: 5074
Conc: 0.35 ng/ml