

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081919\
 Data File : P0059460.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Aug 2019 14:56
 Operator : SM/AJ
 Sample : K3591-03
 Misc : AR1268 MDL 25 PPB
 ALS Vial : 12 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 01:03:34 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	612402	542834	17.491	15.081
2)	SA Decachlor...	9.637	8.381	780112	610427	14.664	15.139
Target Compounds							
3)	L1 AR-1016-1	5.319	0.000	3049	0	1.901	N.D. #
4)	L1 AR-1016-2	5.319	0.000	3049	0	1.274	N.D. #
5)	L1 AR-1016-3	5.319	4.796	3049	6557	2.047	6.061 #
6)	L1 AR-1016-4	0.000	4.796	0	6557	N.D.	7.261 #
9)	L2 AR-1221-2	4.446	3.802	8438	9930	25.979	32.598 #
12)	L3 AR-1232-2	5.029	0.000	7198	0	10.189	N.D. #
13)	L3 AR-1232-3	5.319	4.796	3049	6557	1.991	9.630 #
14)	L3 AR-1232-4	0.000	4.864	0	2284	N.D.	3.743 #
16)	L4 AR-1242-1	5.319	0.000	3049	0	2.402	N.D. #
17)	L4 AR-1242-2	5.319	0.000	3049	0	1.643	N.D. #
18)	L4 AR-1242-3	5.319	4.796	3049	6557	2.608	7.848 #
19)	L4 AR-1242-4	0.000	4.864	0	2284	N.D.	2.737 #
20)	L4 AR-1242-5	6.144	5.368	12074	20293	9.608	18.141 #
21)	L5 AR-1248-1	5.319	0.000	3049	0	3.041	N.D. #
22)	L5 AR-1248-2	0.000	4.796	0	6557	N.D.	5.686 #
23)	L5 AR-1248-3	0.000	4.864	0	2284	N.D.	1.923 #
24)	L5 AR-1248-4	6.144	0.000	12074	0	5.907	N.D. #
25)	L5 AR-1248-5	6.144	5.368	12074	20293	6.088	14.178 #
26)	L6 AR-1254-1	6.144	5.368	12074	20293	5.787	8.556 #
27)	L6 AR-1254-2	0.000	5.541	0	14402	N.D.	6.863 #
29)	L6 AR-1254-4	0.000	6.104	0	3820	N.D.	1.853 #
30)	L6 AR-1254-5	7.487	6.524	42014	3719	13.586	1.198 #
31)	L7 AR-1260-1	6.845	6.018	16629	6162	6.168	2.704 #
32)	L7 AR-1260-2	0.000	6.201	0	27399	N.D.	9.352 #
33)	L7 AR-1260-3	7.487	6.346	42014	7701	12.824	2.907 #
34)	L7 AR-1260-4	7.726	6.802	38674	37100	12.592	16.397 #
35)	L7 AR-1260-5	8.022	7.056	20851	22687	2.945	4.122 #
36)	L8 AR-1262-1	7.487	6.557	42014	27944	8.658	7.497
37)	L8 AR-1262-2	8.022	7.056	20851	22687	2.702	3.859 #
38)	L8 AR-1262-3	8.300	7.330	169150	130996	33.152	51.554 #
39)	L8 AR-1262-4	8.388	7.396	140811	121835	36.529	27.571
40)	L8 AR-1262-5	8.984	7.888	264529	36058	103.068	19.970 #
41)	L9 AR-1268-1	8.300	7.330	169150	130996	17.974	18.396
42)	L9 AR-1268-2	8.388	7.396	140811	121835	17.863	18.895
43)	L9 AR-1268-3	8.587	7.591	174395	107184	24.741	19.589
44)	L9 AR-1268-4	8.984	7.888	264529	36058	95.153	17.664 #
45)	L9 AR-1268-5	9.346	8.155	332570	270405	18.033	18.611

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

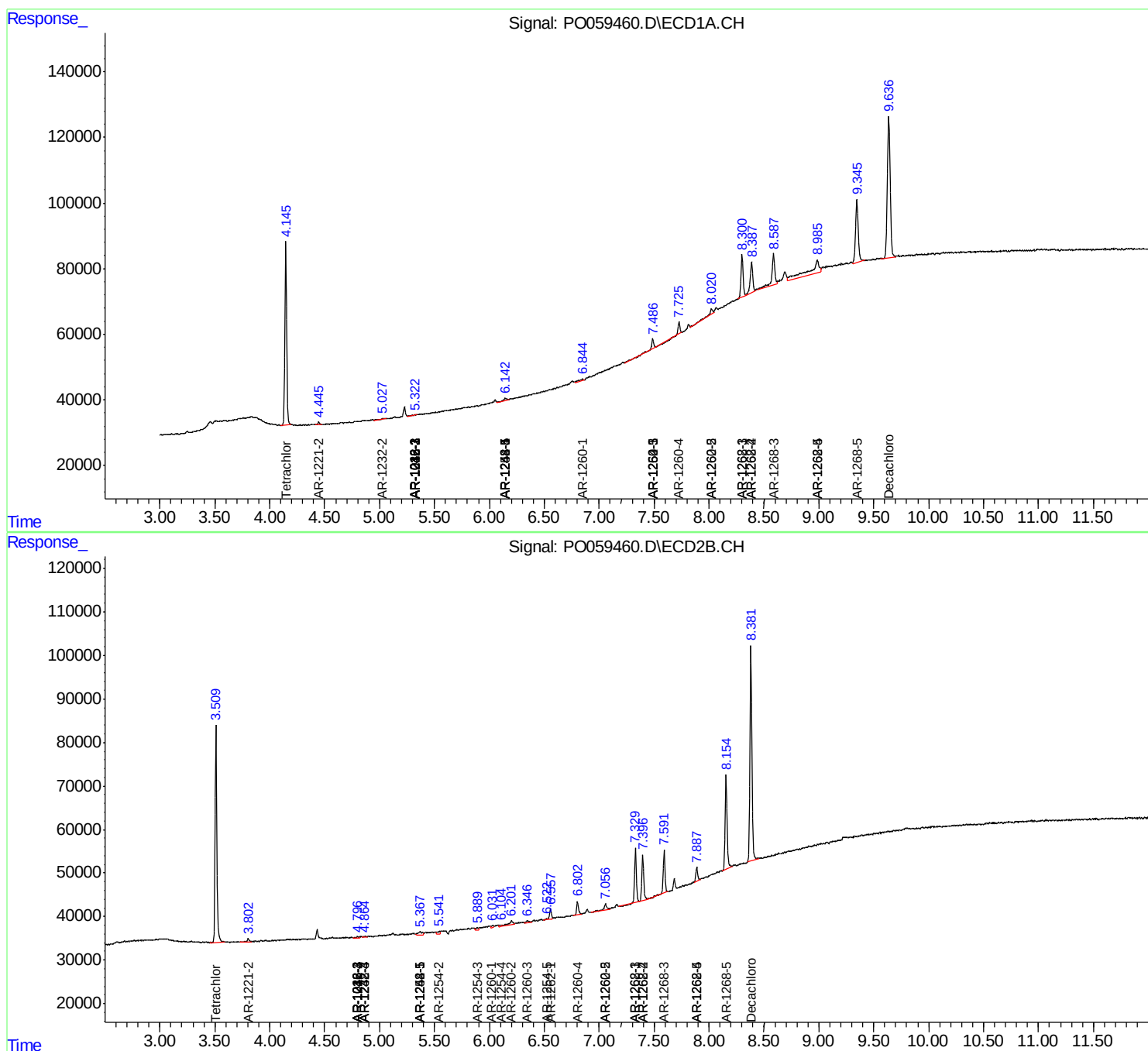
Instrument :
ECD_O
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

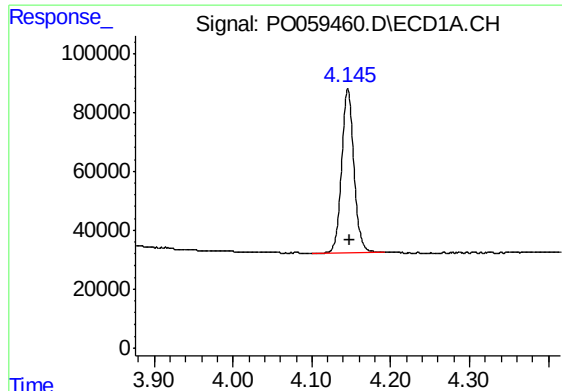
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081919\
Data File : PO059460.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Aug 2019 14:56
Operator : SM/AJ
Sample : K3591-03
Misc : AR1268 MDL 25 PPB
ALS Vial : 12 Sample Multiplier: 1

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 01:03:34 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

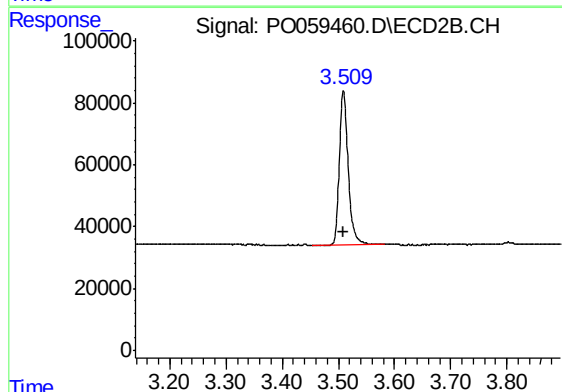




#1 Tetrachloro-m-xylene

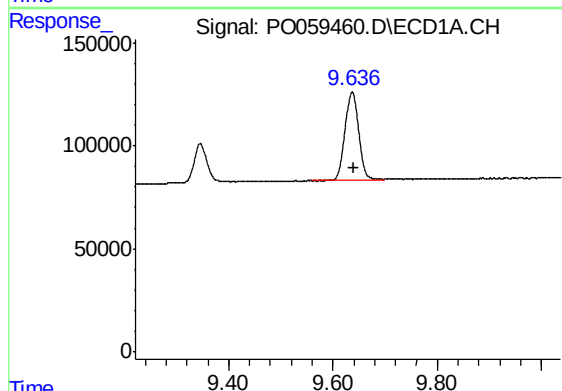
R.T.: 4.146 min
Delta R.T.: -0.003 min
Response: 612402
Conc: 17.49 ng/ml

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



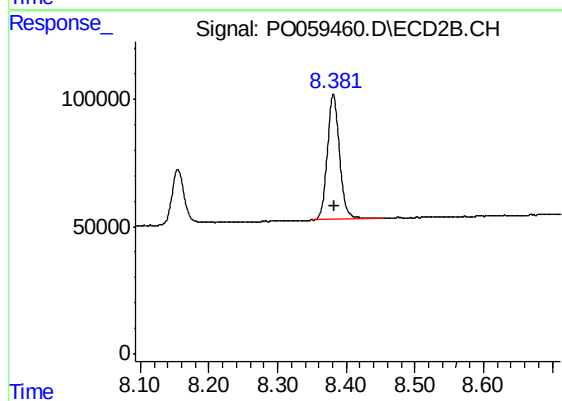
#1 Tetrachloro-m-xylene

R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 542834
Conc: 15.08 ng/ml



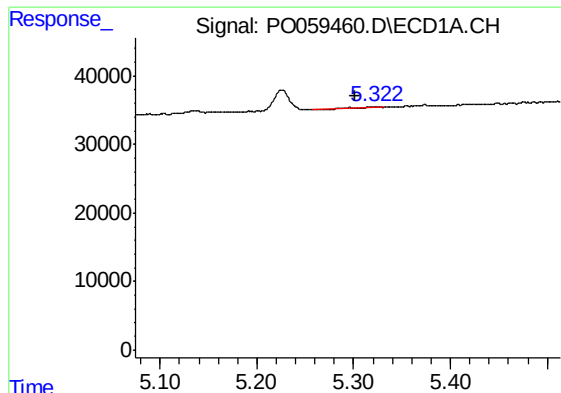
#2 Decachlorobiphenyl

R.T.: 9.637 min
Delta R.T.: -0.004 min
Response: 780112
Conc: 14.66 ng/ml



#2 Decachlorobiphenyl

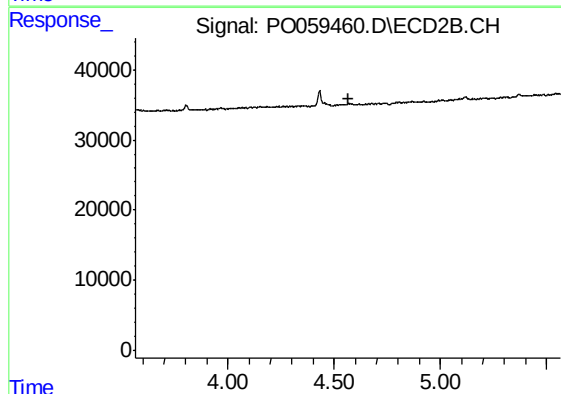
R.T.: 8.381 min
Delta R.T.: -0.002 min
Response: 610427
Conc: 15.14 ng/ml



#3 AR-1016-1

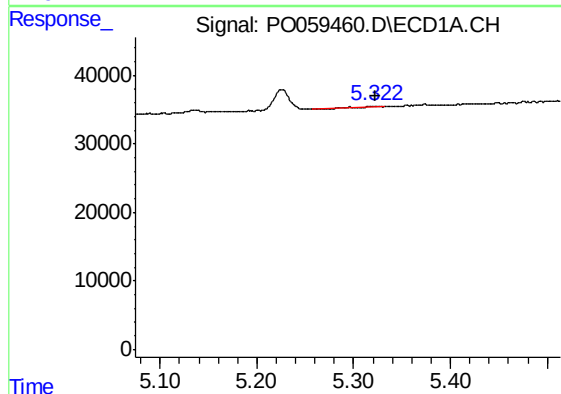
R.T.: 5.319 min
Delta R.T.: 0.018 min
Response: 3049
Conc: 1.90 ng/ml

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



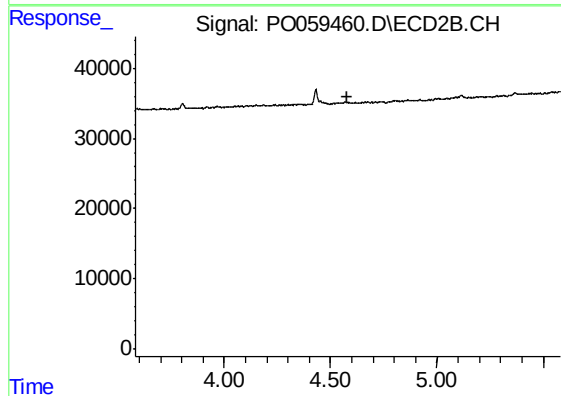
#3 AR-1016-1

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



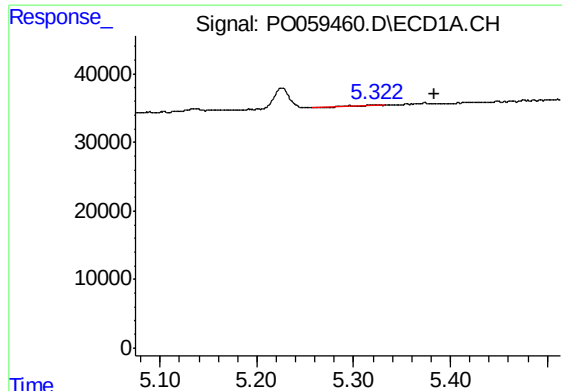
#4 AR-1016-2

R.T.: 5.319 min
Delta R.T.: -0.004 min
Response: 3049
Conc: 1.27 ng/ml



#4 AR-1016-2

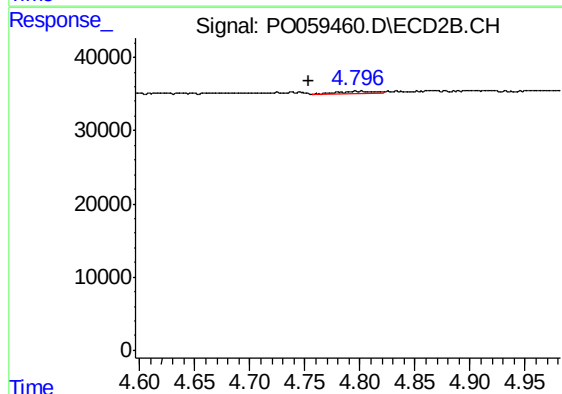
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#5 AR-1016-3

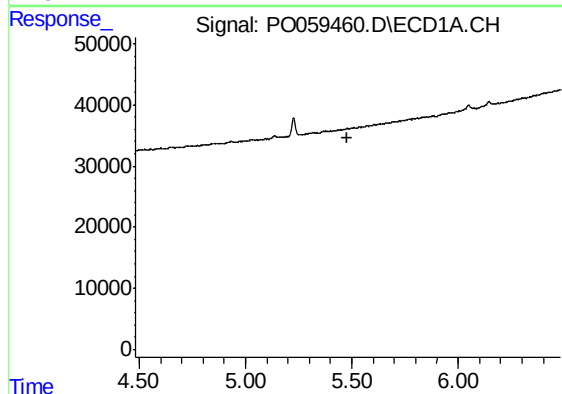
R.T.: 5.319 min
Delta R.T.: -0.064 min
Response: 3049
Conc: 2.05 ng/ml

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



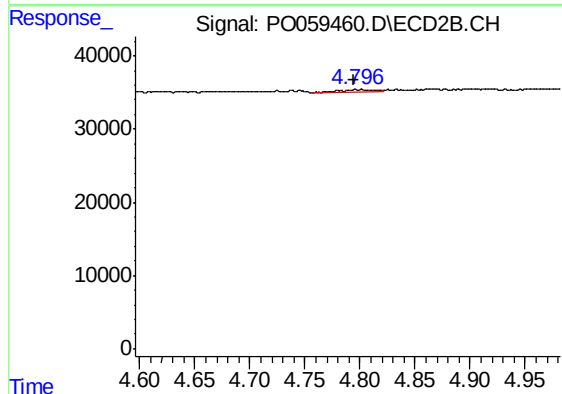
#5 AR-1016-3

R.T.: 4.796 min
Delta R.T.: 0.042 min
Response: 6557
Conc: 6.06 ng/ml



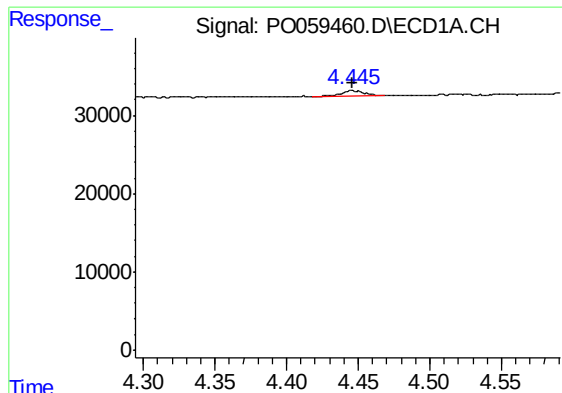
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.481 min
Response: 0
Conc: N.D.



#6 AR-1016-4

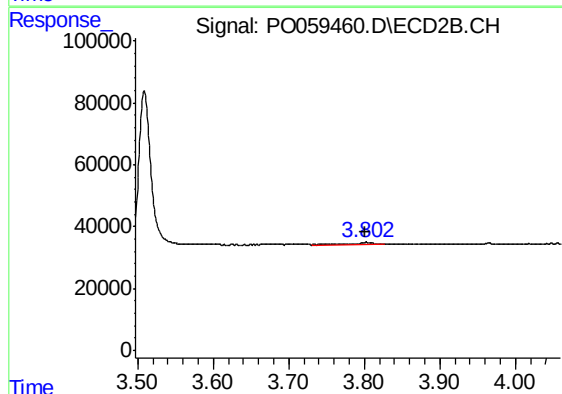
R.T.: 4.796 min
Delta R.T.: 0.001 min
Response: 6557
Conc: 7.26 ng/ml



#9 AR-1221-2

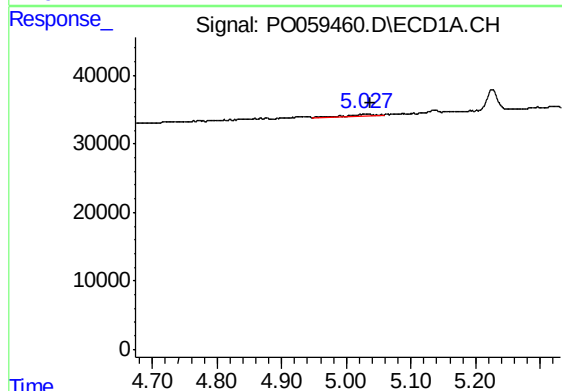
R.T.: 4.446 min
Delta R.T.: 0.000 min
Response: 8438
Conc: 25.98 ng/ml

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



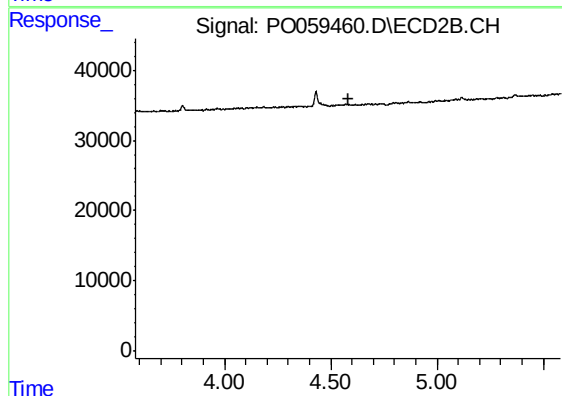
#9 AR-1221-2

R.T.: 3.802 min
Delta R.T.: 0.001 min
Response: 9930
Conc: 32.60 ng/ml



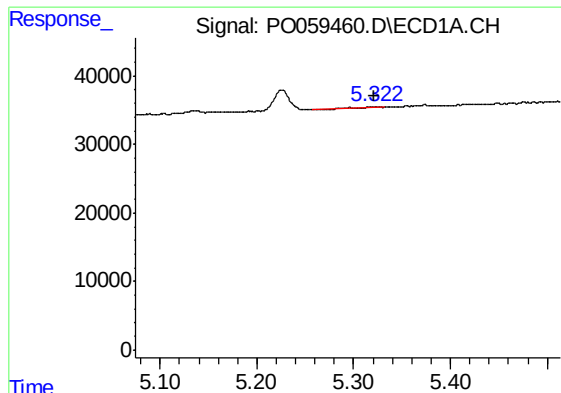
#12 AR-1232-2

R.T.: 5.029 min
Delta R.T.: -0.009 min
Response: 7198
Conc: 10.19 ng/ml



#12 AR-1232-2

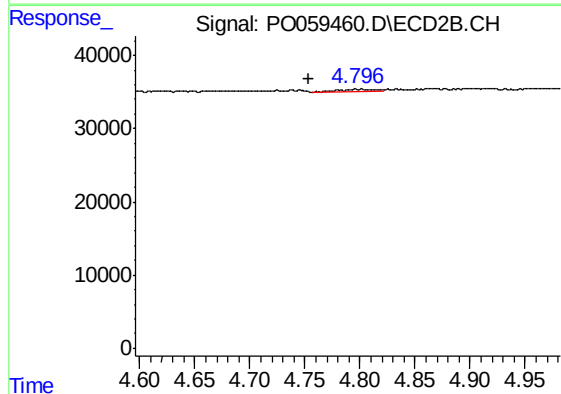
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#13 AR-1232-3

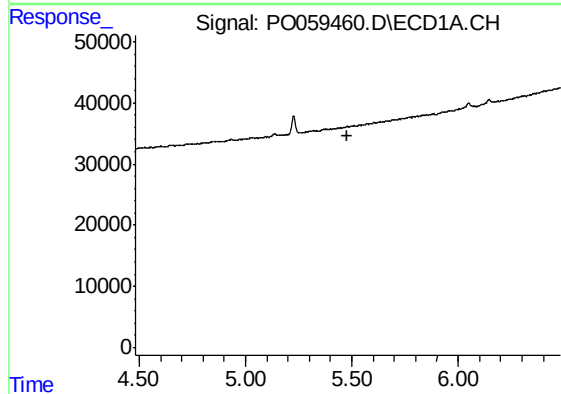
R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 3049
Conc: 1.99 ng/ml

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



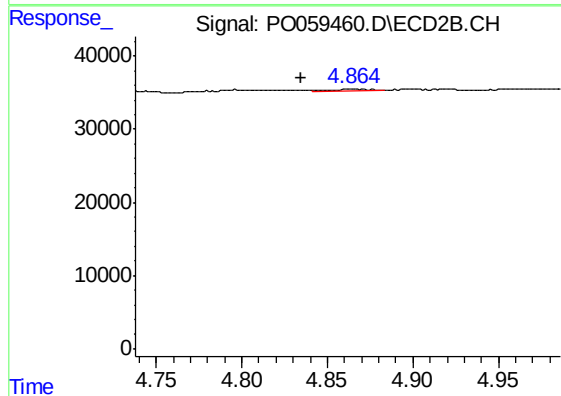
#13 AR-1232-3

R.T.: 4.796 min
Delta R.T.: 0.042 min
Response: 6557
Conc: 9.63 ng/ml



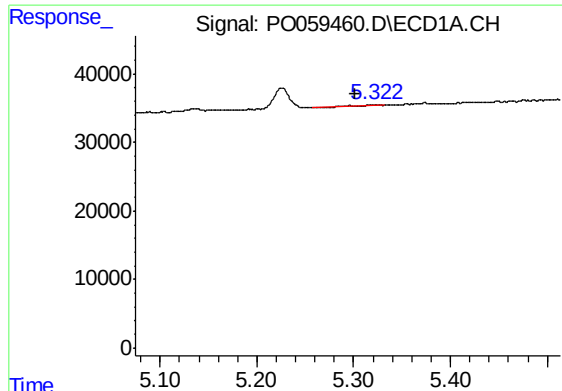
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.481 min
Response: 0
Conc: N.D.



#14 AR-1232-4

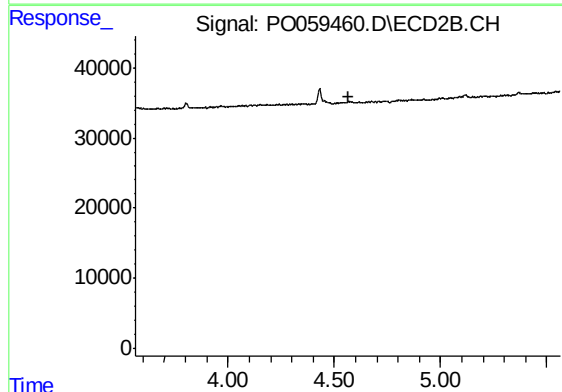
R.T.: 4.864 min
Delta R.T.: 0.029 min
Response: 2284
Conc: 3.74 ng/ml



#16 AR-1242-1

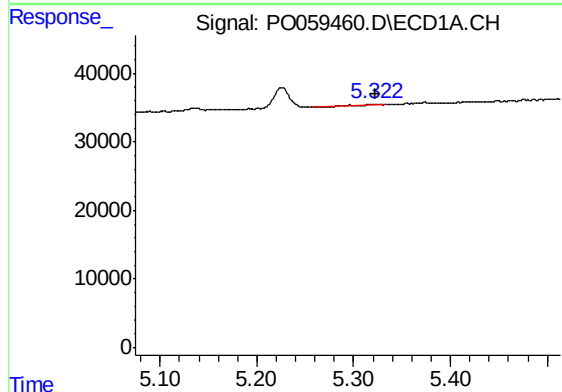
R.T.: 5.319 min
Delta R.T.: 0.018 min
Response: 3049
Conc: 2.40 ng/ml

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



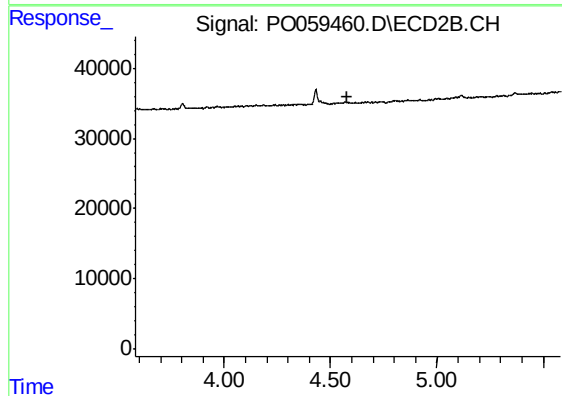
#16 AR-1242-1

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



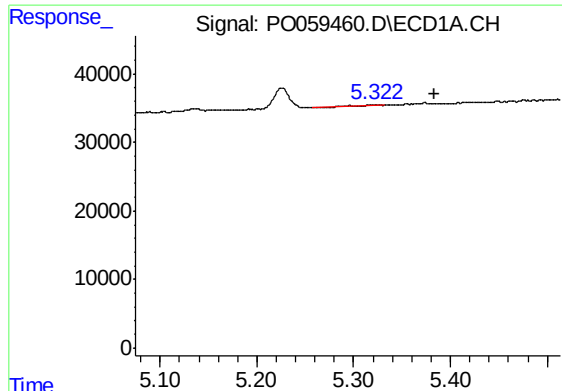
#17 AR-1242-2

R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 3049
Conc: 1.64 ng/ml



#17 AR-1242-2

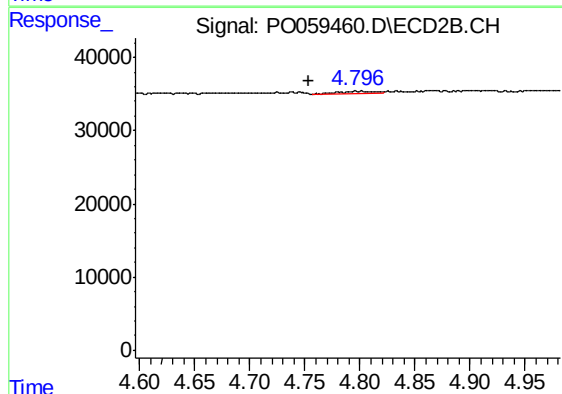
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#18 AR-1242-3

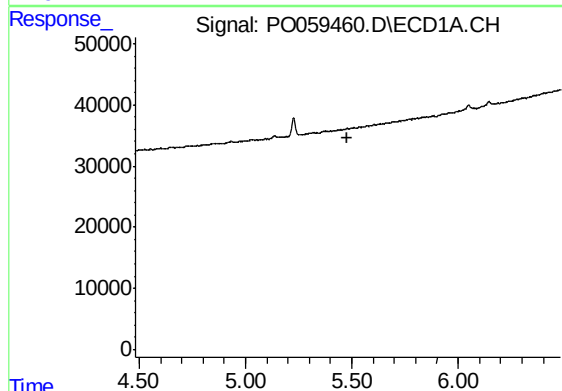
R.T.: 5.319 min
Delta R.T.: -0.064 min
Response: 3049
Conc: 2.61 ng/ml

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



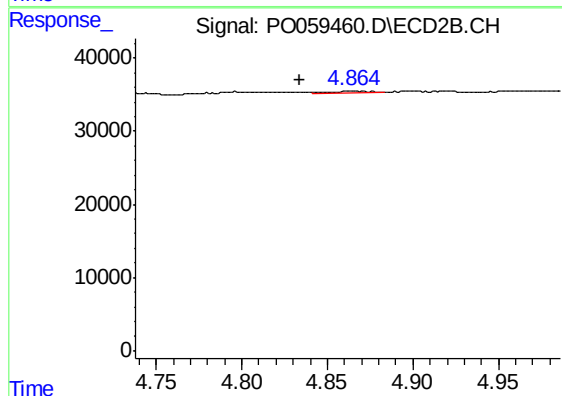
#18 AR-1242-3

R.T.: 4.796 min
Delta R.T.: 0.042 min
Response: 6557
Conc: 7.85 ng/ml



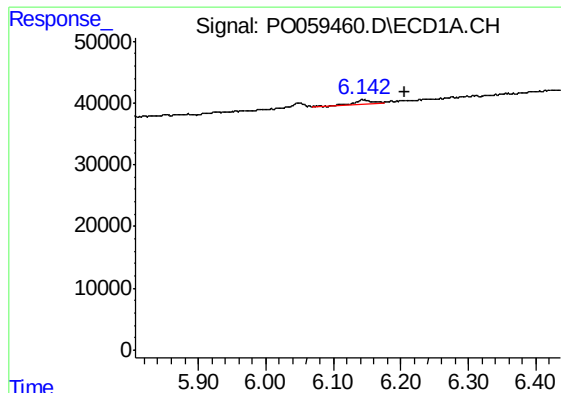
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.482 min
Response: 0
Conc: N.D.



#19 AR-1242-4

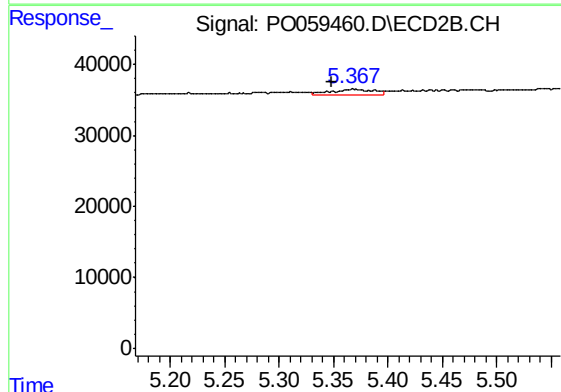
R.T.: 4.864 min
Delta R.T.: 0.030 min
Response: 2284
Conc: 2.74 ng/ml



#20 AR-1242-5

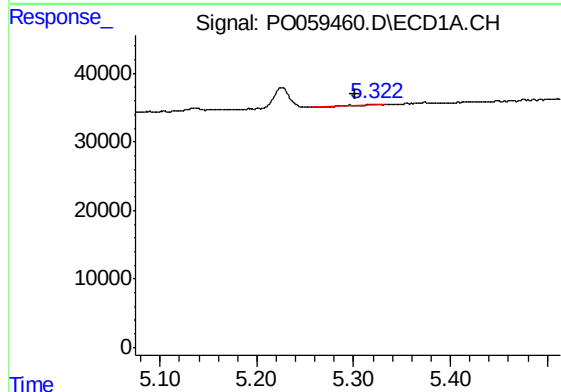
R.T.: 6.144 min
Delta R.T.: -0.062 min
Response: 12074
Conc: 9.61 ng/ml

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



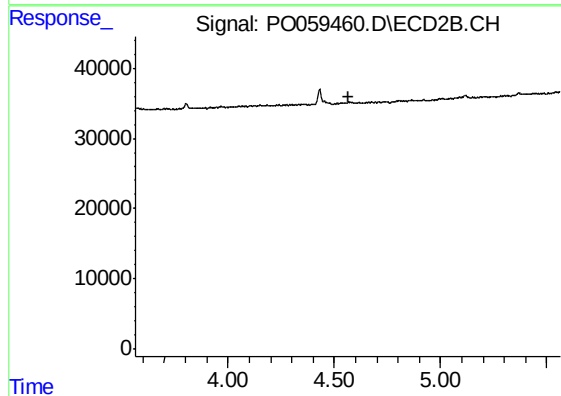
#20 AR-1242-5

R.T.: 5.368 min
Delta R.T.: 0.020 min
Response: 20293
Conc: 18.14 ng/ml



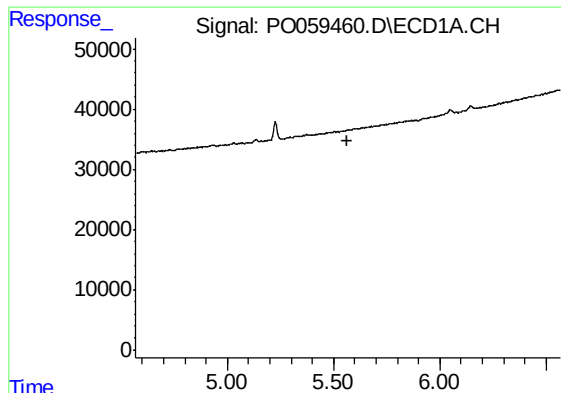
#21 AR-1248-1

R.T.: 5.319 min
Delta R.T.: 0.018 min
Response: 3049
Conc: 3.04 ng/ml



#21 AR-1248-1

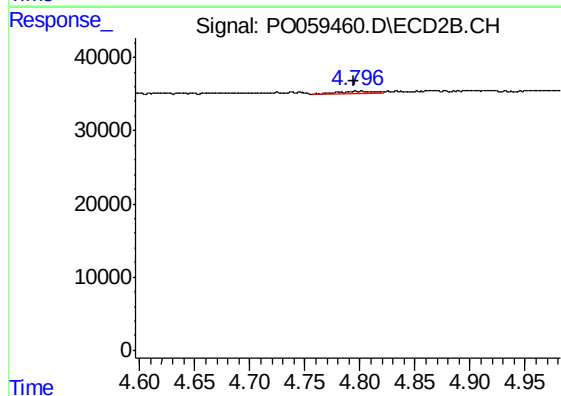
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#22 AR-1248-2

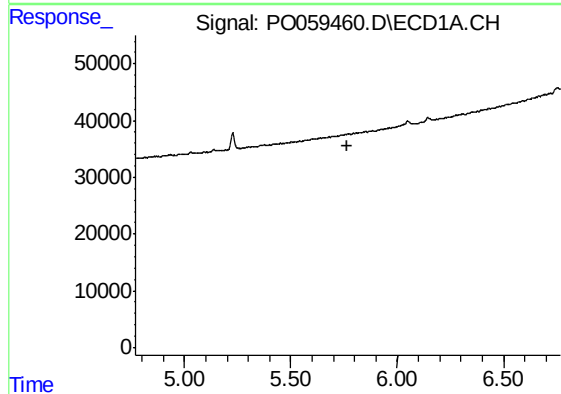
R.T.: 0.000 min
Exp R.T. : 5.567 min
Response: 0
Conc: N.D.

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



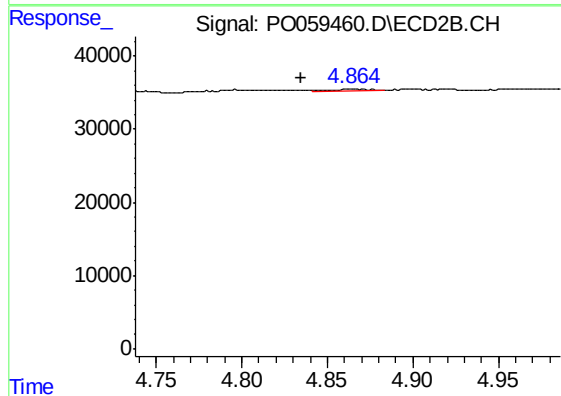
#22 AR-1248-2

R.T.: 4.796 min
Delta R.T.: 0.001 min
Response: 6557
Conc: 5.69 ng/ml



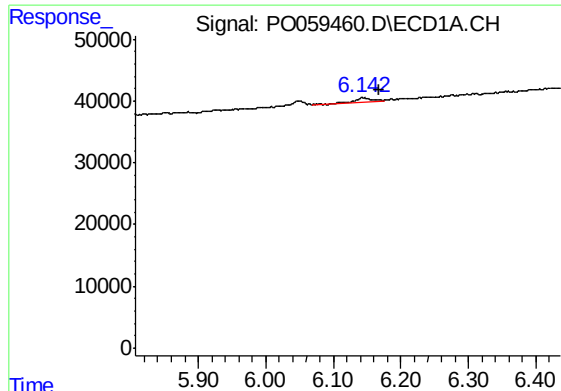
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.768 min
Response: 0
Conc: N.D.



#23 AR-1248-3

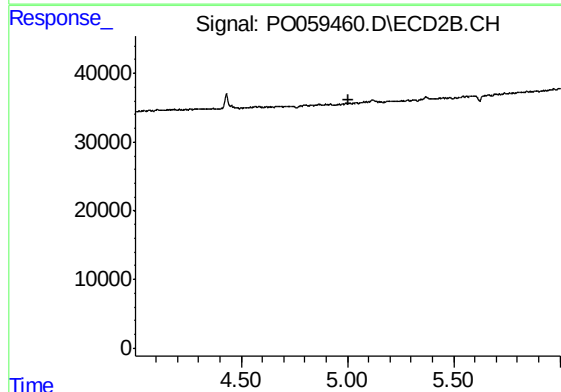
R.T.: 4.864 min
Delta R.T.: 0.029 min
Response: 2284
Conc: 1.92 ng/ml



#24 AR-1248-4

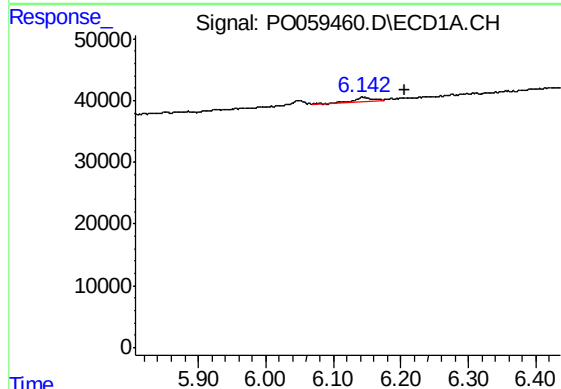
R.T.: 6.144 min
Delta R.T.: -0.025 min
Response: 12074
Conc: 5.91 ng/ml

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



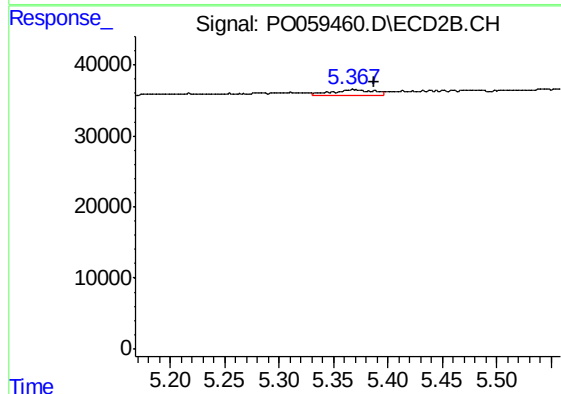
#24 AR-1248-4

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



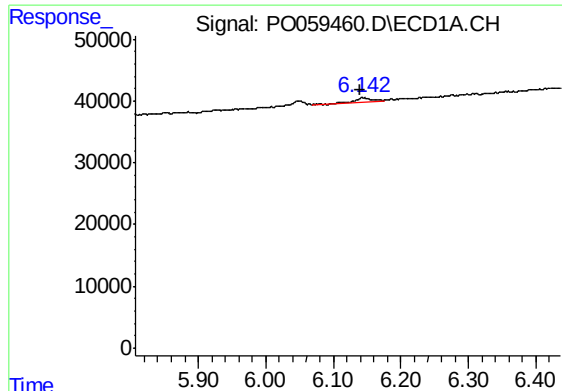
#25 AR-1248-5

R.T.: 6.144 min
Delta R.T.: -0.061 min
Response: 12074
Conc: 6.09 ng/ml



#25 AR-1248-5

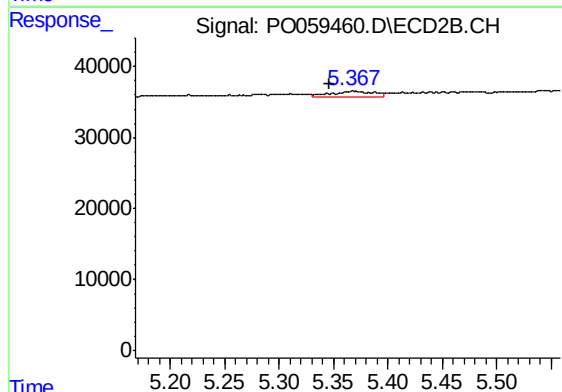
R.T.: 5.368 min
Delta R.T.: -0.019 min
Response: 20293
Conc: 14.18 ng/ml



#26 AR-1254-1

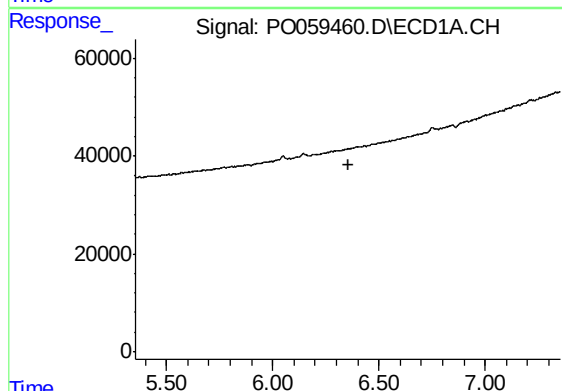
R.T.: 6.144 min
Delta R.T.: 0.005 min
Response: 12074
Conc: 5.79 ng/ml

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



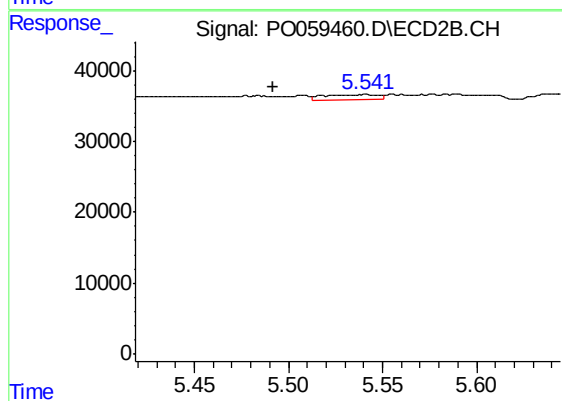
#26 AR-1254-1

R.T.: 5.368 min
Delta R.T.: 0.022 min
Response: 20293
Conc: 8.56 ng/ml



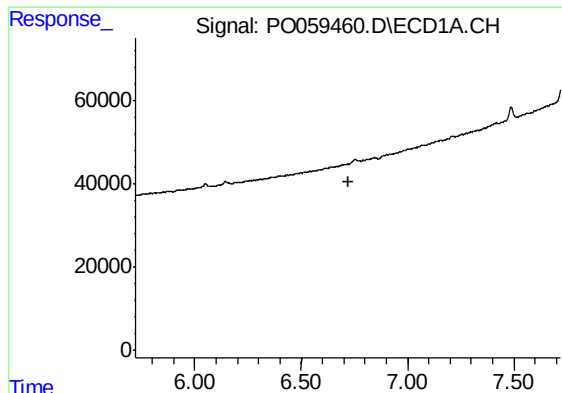
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.355 min
Response: 0
Conc: N.D.



#27 AR-1254-2

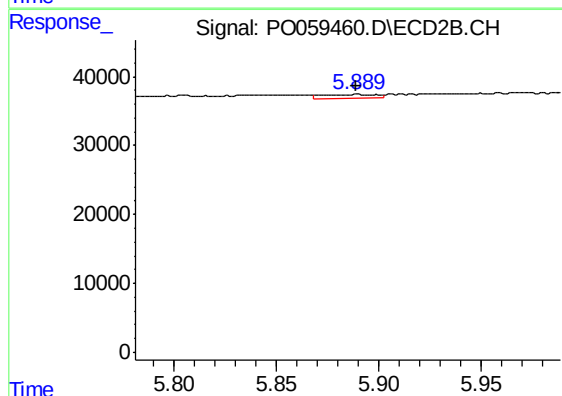
R.T.: 5.541 min
Delta R.T.: 0.049 min
Response: 14402
Conc: 6.86 ng/ml



#28 AR-1254-3

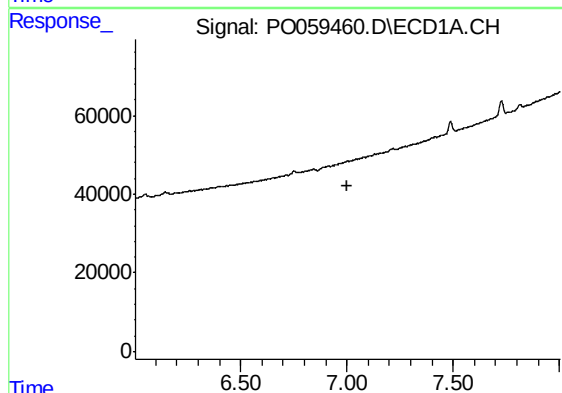
R.T.: 6.753 min
Delta R.T.: 0.033 min
Response: -32404
Conc: N.D.

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



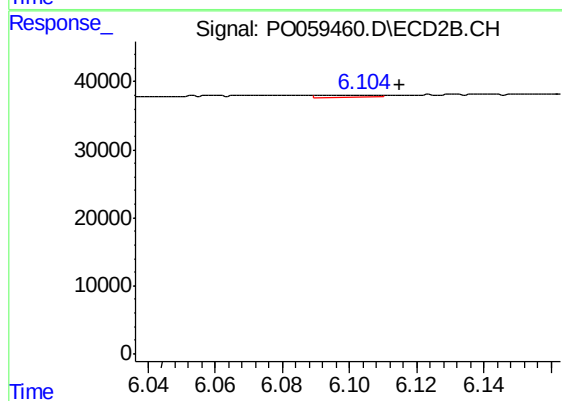
#28 AR-1254-3

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 9284
Conc: 2.76 ng/ml



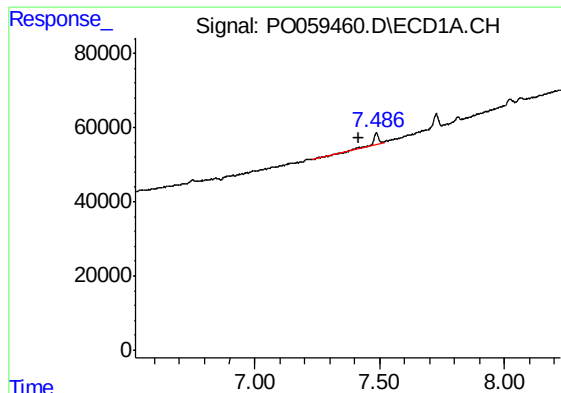
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.005 min
Response: 0
Conc: N.D.



#29 AR-1254-4

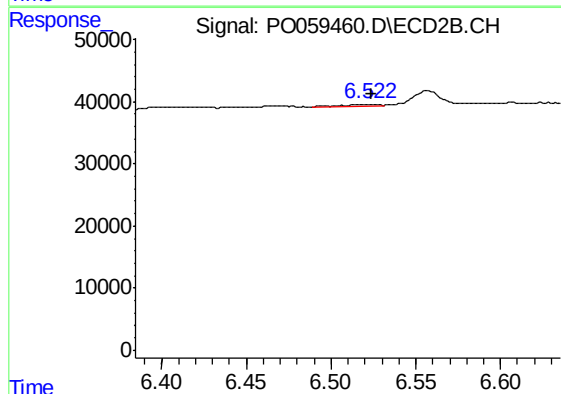
R.T.: 6.104 min
Delta R.T.: -0.011 min
Response: 3820
Conc: 1.85 ng/ml



#30 AR-1254-5

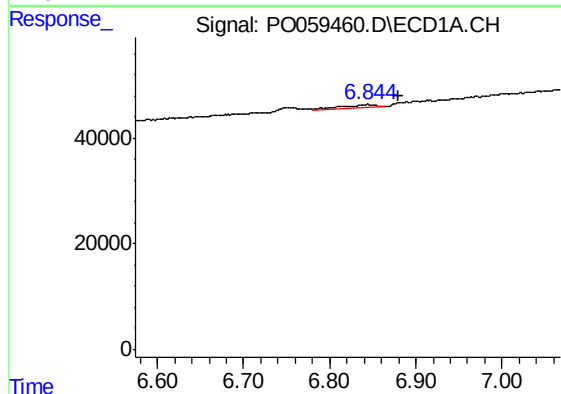
R.T.: 7.487 min
Delta R.T.: 0.068 min
Response: 42014
Conc: 13.59 ng/ml

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



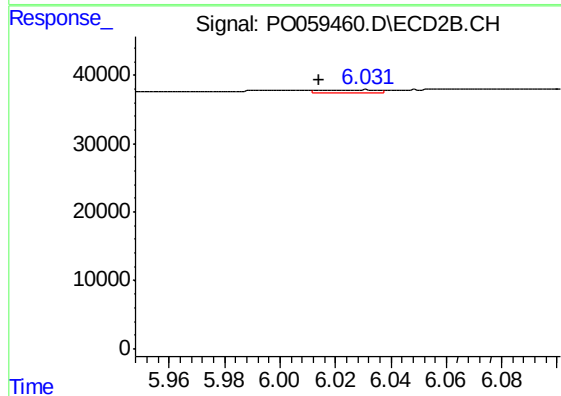
#30 AR-1254-5

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 3719
Conc: 1.20 ng/ml



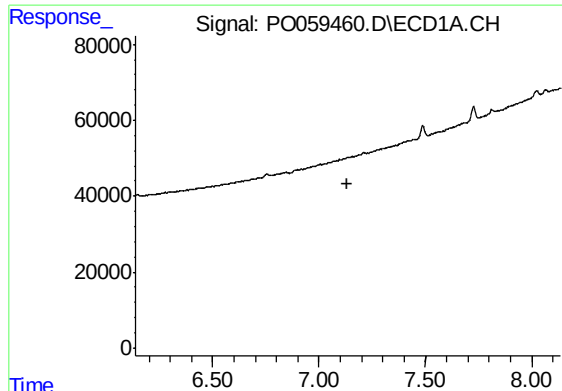
#31 AR-1260-1

R.T.: 6.845 min
Delta R.T.: -0.035 min
Response: 16629
Conc: 6.17 ng/ml



#31 AR-1260-1

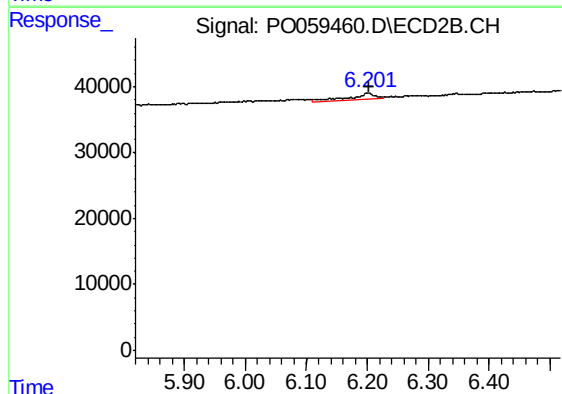
R.T.: 6.018 min
Delta R.T.: 0.004 min
Response: 6162
Conc: 2.70 ng/ml



#32 AR-1260-2

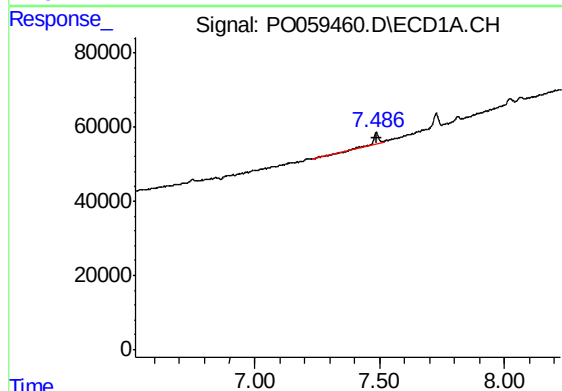
R.T.: 0.000 min
Exp R.T.: 7.135 min
Response: 0
Conc: N.D.

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



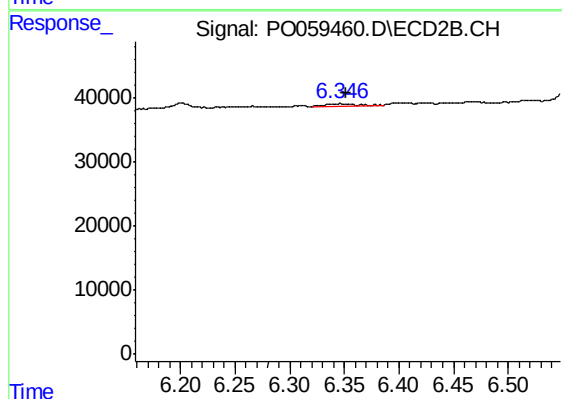
#32 AR-1260-2

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 27399
Conc: 9.35 ng/ml



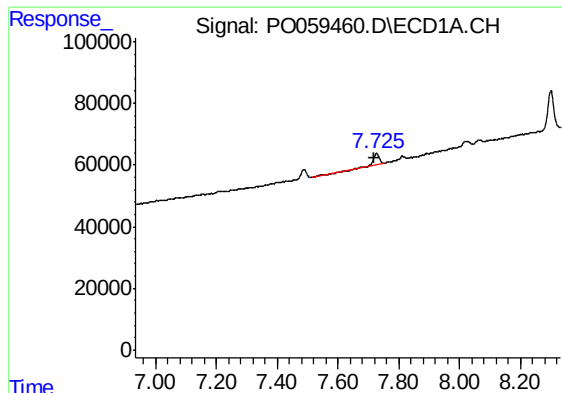
#33 AR-1260-3

R.T.: 7.487 min
Delta R.T.: -0.003 min
Response: 42014
Conc: 12.82 ng/ml



#33 AR-1260-3

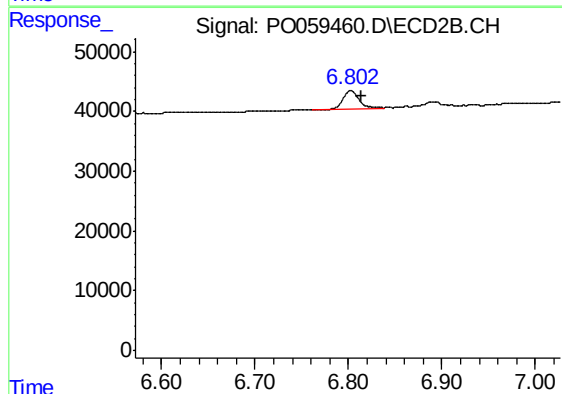
R.T.: 6.346 min
Delta R.T.: -0.005 min
Response: 7701
Conc: 2.91 ng/ml



#34 AR-1260-4

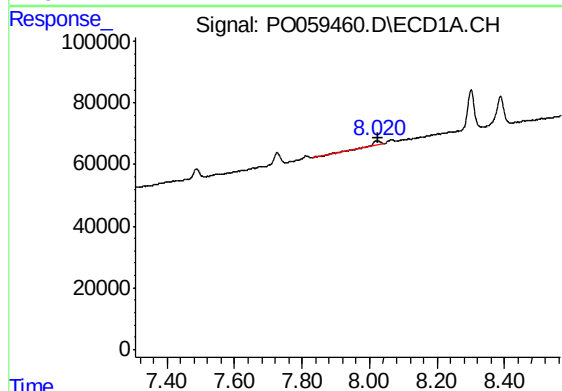
R.T.: 7.726 min
Delta R.T.: 0.009 min
Response: 38674
Conc: 12.59 ng/ml

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



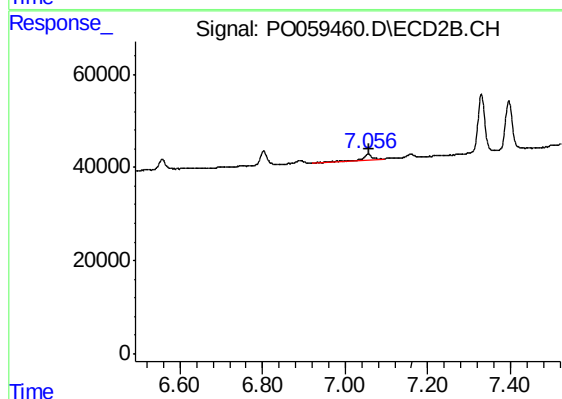
#34 AR-1260-4

R.T.: 6.802 min
Delta R.T.: -0.012 min
Response: 37100
Conc: 16.40 ng/ml



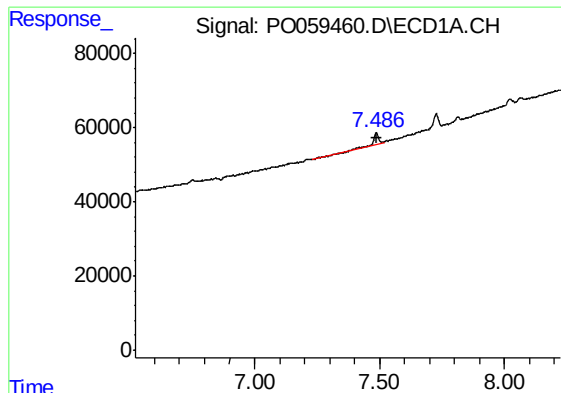
#35 AR-1260-5

R.T.: 8.022 min
Delta R.T.: -0.002 min
Response: 20851
Conc: 2.94 ng/ml



#35 AR-1260-5

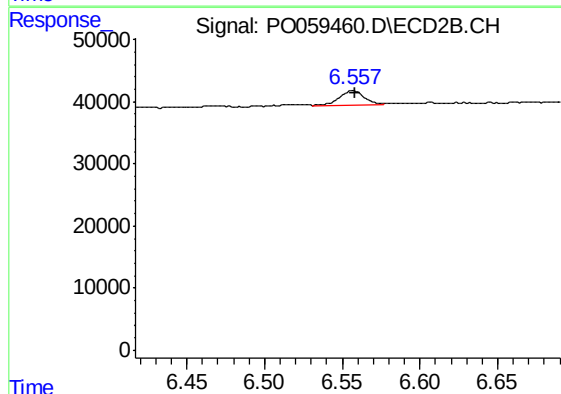
R.T.: 7.056 min
Delta R.T.: -0.001 min
Response: 22687
Conc: 4.12 ng/ml



#36 AR-1262-1

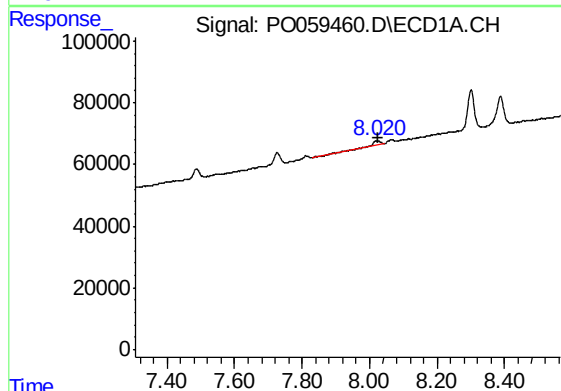
R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 42014
Conc: 8.66 ng/ml

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



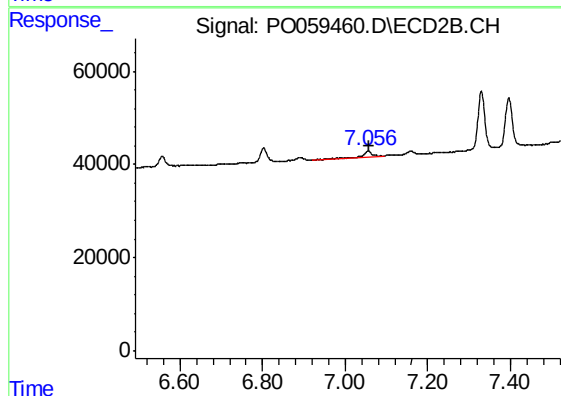
#36 AR-1262-1

R.T.: 6.557 min
Delta R.T.: -0.001 min
Response: 27944
Conc: 7.50 ng/ml



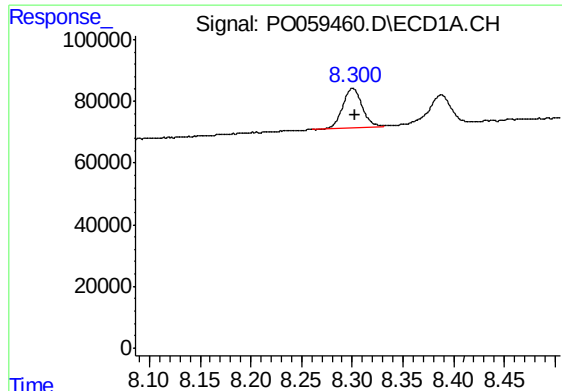
#37 AR-1262-2

R.T.: 8.022 min
Delta R.T.: 0.000 min
Response: 20851
Conc: 2.70 ng/ml



#37 AR-1262-2

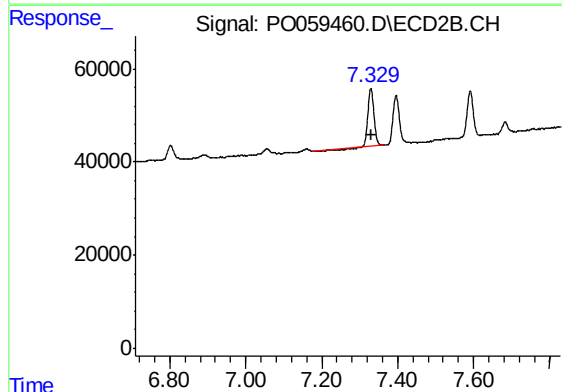
R.T.: 7.056 min
Delta R.T.: -0.001 min
Response: 22687
Conc: 3.86 ng/ml



#38 AR-1262-3

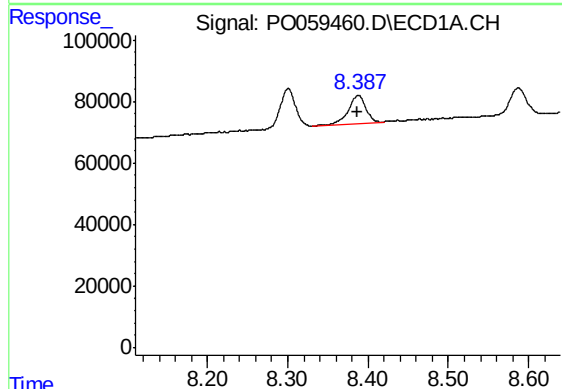
R.T.: 8.300 min
Delta R.T.: -0.003 min
Response: 169150
Conc: 33.15 ng/ml

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



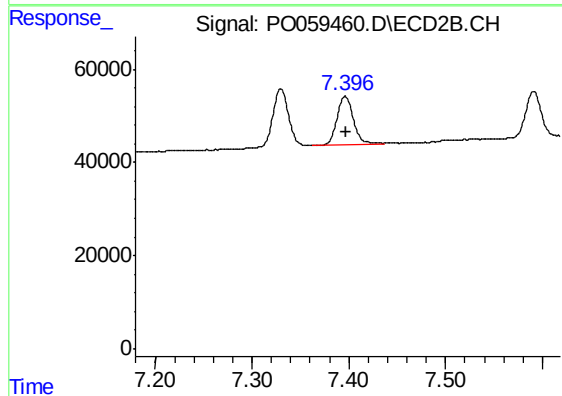
#38 AR-1262-3

R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 130996
Conc: 51.55 ng/ml



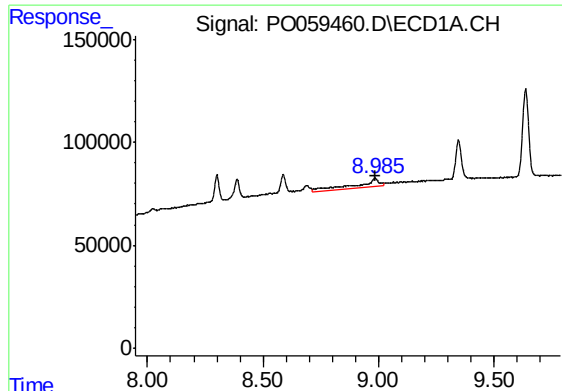
#39 AR-1262-4

R.T.: 8.388 min
Delta R.T.: 0.001 min
Response: 140811
Conc: 36.53 ng/ml



#39 AR-1262-4

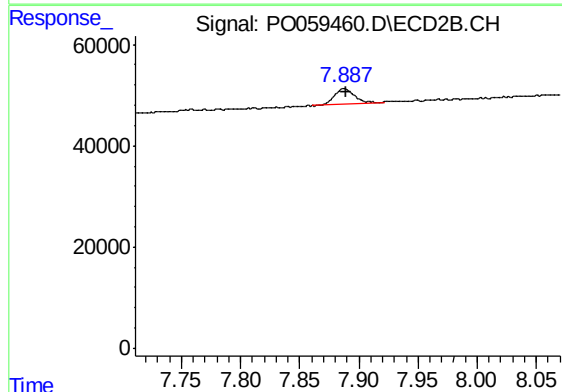
R.T.: 7.396 min
Delta R.T.: -0.001 min
Response: 121835
Conc: 27.57 ng/ml



#40 AR-1262-5

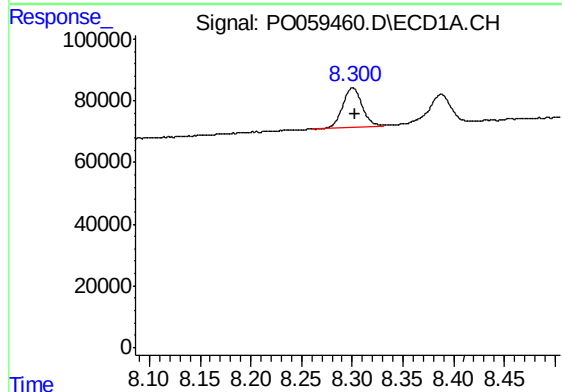
R.T.: 8.984 min
Delta R.T.: -0.001 min
Response: 264529
Conc: 103.07 ng/ml

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



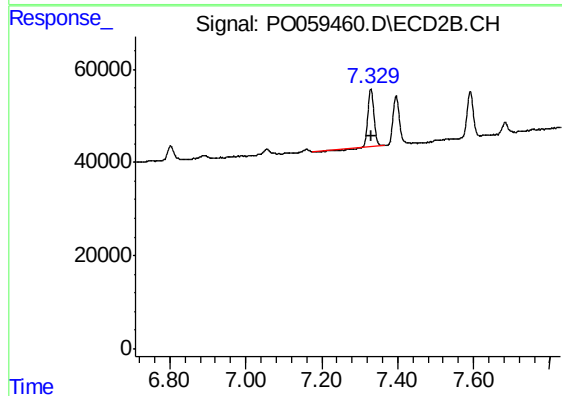
#40 AR-1262-5

R.T.: 7.888 min
Delta R.T.: -0.001 min
Response: 36058
Conc: 19.97 ng/ml



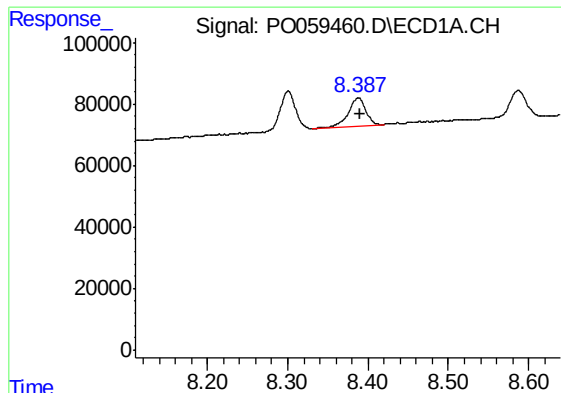
#41 AR-1268-1

R.T.: 8.300 min
Delta R.T.: -0.002 min
Response: 169150
Conc: 17.97 ng/ml



#41 AR-1268-1

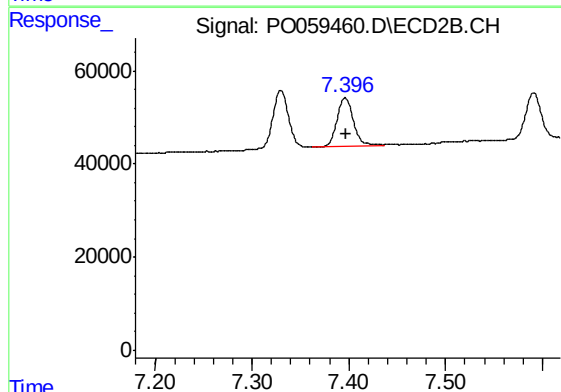
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 130996
Conc: 18.40 ng/ml



#42 AR-1268-2

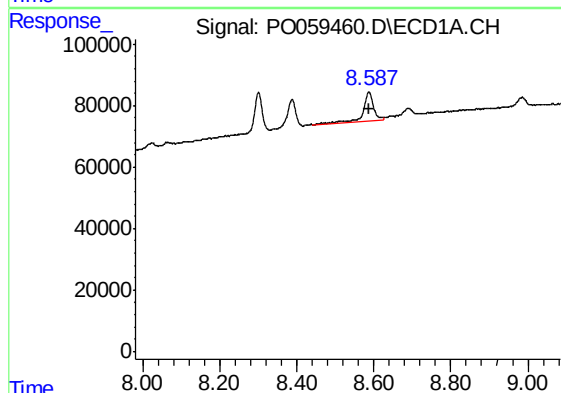
R.T.: 8.388 min
Delta R.T.: -0.002 min
Response: 140811
Conc: 17.86 ng/ml

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



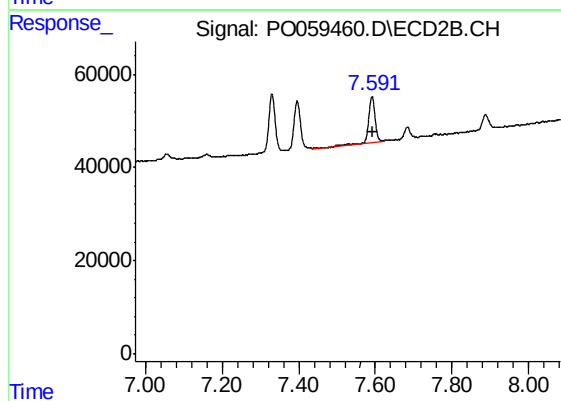
#42 AR-1268-2

R.T.: 7.396 min
Delta R.T.: -0.001 min
Response: 121835
Conc: 18.90 ng/ml



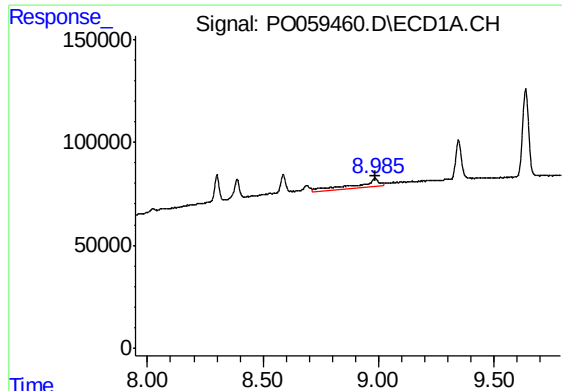
#43 AR-1268-3

R.T.: 8.587 min
Delta R.T.: -0.002 min
Response: 174395
Conc: 24.74 ng/ml



#43 AR-1268-3

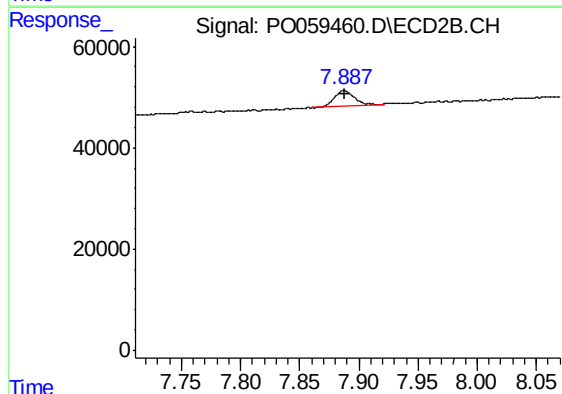
R.T.: 7.591 min
Delta R.T.: -0.001 min
Response: 107184
Conc: 19.59 ng/ml



#44 AR-1268-4

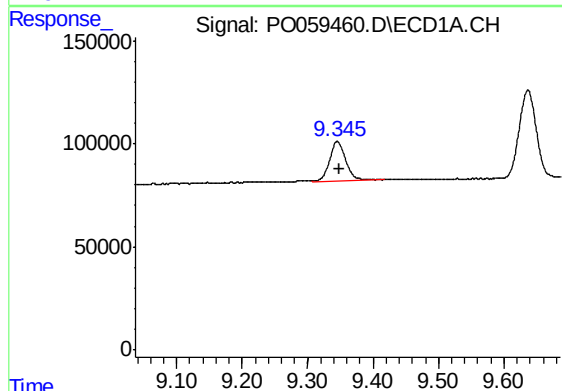
R.T.: 8.984 min
Delta R.T.: -0.001 min
Response: 264529
Conc: 95.15 ng/ml

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



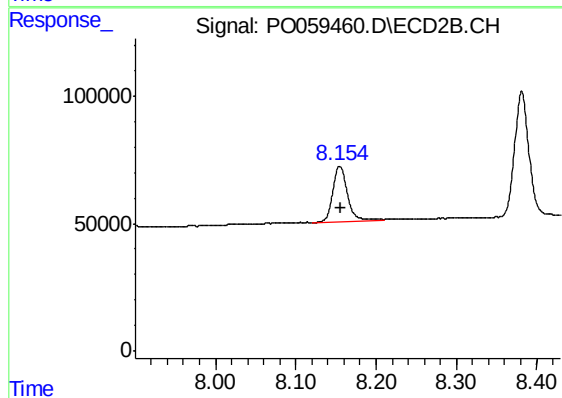
#44 AR-1268-4

R.T.: 7.888 min
Delta R.T.: 0.000 min
Response: 36058
Conc: 17.66 ng/ml



#45 AR-1268-5

R.T.: 9.346 min
Delta R.T.: -0.004 min
Response: 332570
Conc: 18.03 ng/ml



#45 AR-1268-5

R.T.: 8.155 min
Delta R.T.: -0.002 min
Response: 270405
Conc: 18.61 ng/ml