

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032421\
 Data File : P0076509.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Mar 2021 7:28
 Operator : DD\AJ
 Sample : M1458-01
 Misc : AR1262 LOD 40 PPB
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 08:26:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 24 05:38:14 2021
 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...	4.914	3.928	1700342	1004825	19.415	18.318
2)	SA Decachlor...	10.890	9.186	1337043	933447	20.540	19.809
Target Compounds							
3)	L1 AR-1016-1	6.238	0.000	6906	0	2.556	N.D. #
4)	L1 AR-1016-2	6.249	0.000	2996	0	0.729	N.D. #
5)	L1 AR-1016-3	6.324	0.000	5313	0	2.202	N.D. #
9)	L2 AR-1221-2	5.267	0.000	22861	0	33.758	N.D. #
10)	L2 AR-1221-3	5.354	0.000	7148	0	3.303	N.D. #
11)	L3 AR-1232-1	5.354	0.000	7148	0	4.041	N.D. #
12)	L3 AR-1232-2	5.943	0.000	8197	0	9.242	N.D. #
13)	L3 AR-1232-3	6.249	0.000	2996	0	1.774	N.D. #
15)	L3 AR-1232-5	6.530	0.000	3778	0	6.853	N.D. #
16)	L4 AR-1242-1	6.238	0.000	6906	0	3.089	N.D. #
17)	L4 AR-1242-2	6.249	0.000	2996	0	0.882	N.D. #
18)	L4 AR-1242-3	6.324	0.000	5313	0	2.629	N.D. #
20)	L4 AR-1242-5	7.217	0.000	4701	0	2.692	N.D. #
21)	L5 AR-1248-1	6.238	0.000	6906	0	4.172	N.D. #
22)	L5 AR-1248-2	6.530	0.000	3778	0	1.548	N.D. #
24)	L5 AR-1248-4	7.173	0.000	6694	0	2.144	N.D. #
25)	L5 AR-1248-5	7.217	0.000	4701	0	1.510	N.D. #
26)	L6 AR-1254-1	7.144	0.000	30923	0	9.310	N.D. #
27)	L6 AR-1254-2	7.373	6.199	35902	23028	6.975	8.863 #
28)	L6 AR-1254-3	7.758	6.635f	25033	82437	4.706	20.583 #
29)	L6 AR-1254-4	8.046	0.000	17170	0	4.760	N.D. #
30)	L6 AR-1254-5	8.477	7.282	130288	91980	33.238	26.097
31)	L7 AR-1260-1	7.921	6.753	152417	112444	44.354	43.874
32)	L7 AR-1260-2	8.187	6.950	166447	129764	41.052	41.842
33)	L7 AR-1260-3	8.552	7.104	221872	139790	73.440	47.584 #
34)	L7 AR-1260-4	8.782	7.584	209065	164641	59.993	69.080
35)	L7 AR-1260-5	9.105	7.832	371621	291511	54.991	51.383
36)	L8 AR-1262-1	8.552	7.282	221872	91980	42.883	46.774
37)	L8 AR-1262-2	9.105	7.832	371621	291511	43.122	43.361
38)	L8 AR-1262-3	9.410	8.117	244822	131586	43.183	48.855
39)	L8 AR-1262-4	9.502	8.181	191993	224604	44.598	45.133
40)	L8 AR-1262-5	10.157	8.677	120463	99553	41.459	45.820
41)	L9 AR-1268-1	9.410	8.117	244822	131586	23.596	16.880 #
42)	L9 AR-1268-2	9.502	8.181	191993	224604	20.632	31.665 #
43)	L9 AR-1268-3	9.731	0.000	27352	0	3.293	N.D. #
44)	L9 AR-1268-4	10.157	8.677	120463	99553	37.070	41.225
45)	L9 AR-1268-5	10.563	8.950	73693	41064	2.784	2.269

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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

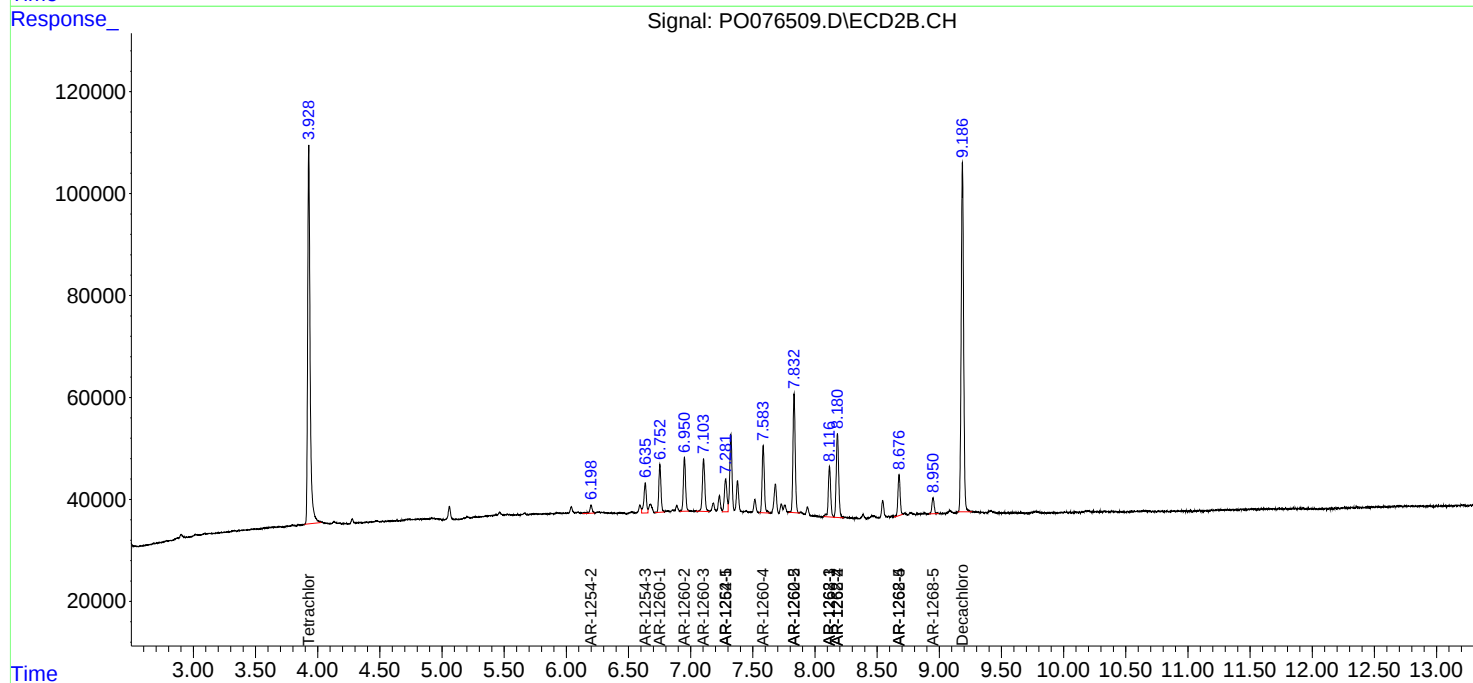
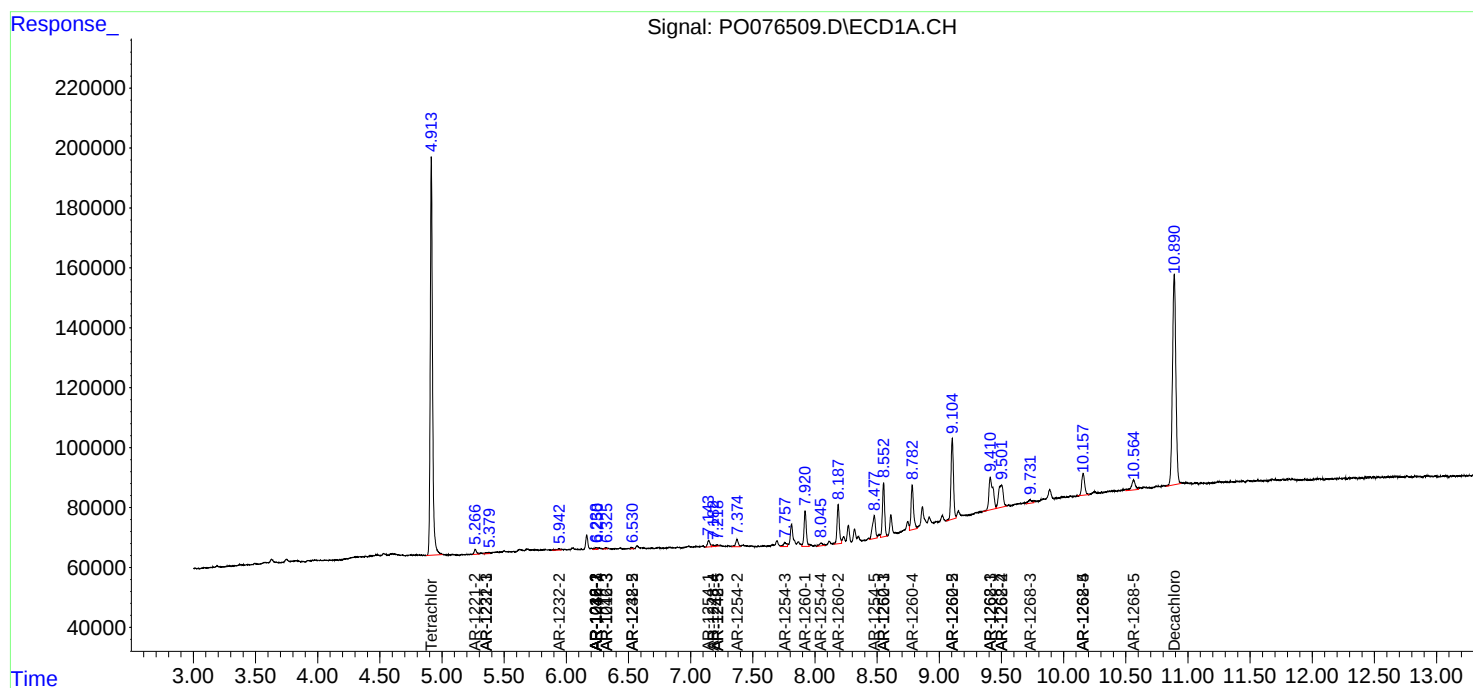
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

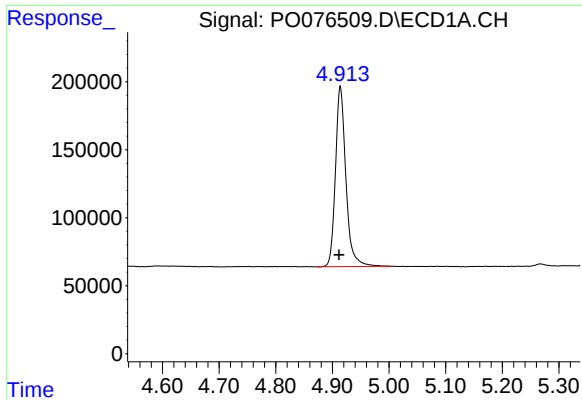
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0032421\
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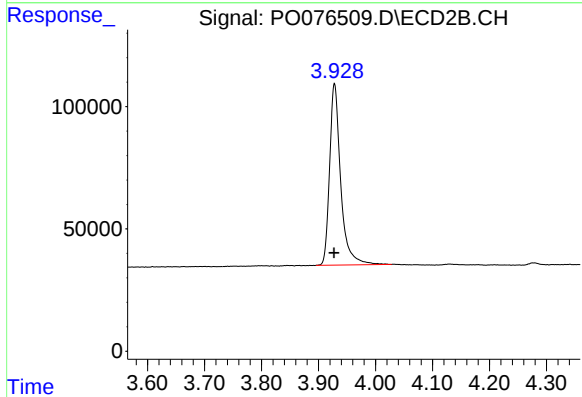




#1 Tetrachloro-m-xylene

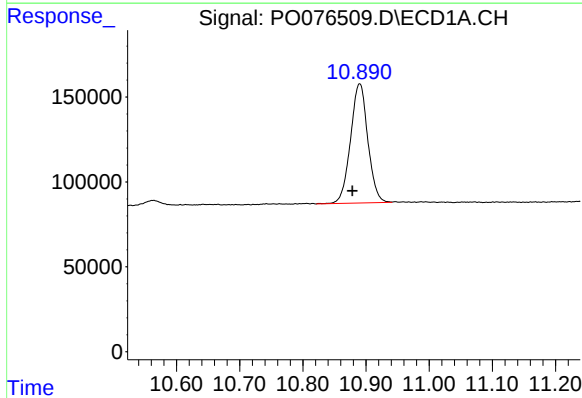
R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 1700342
Conc: 19.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



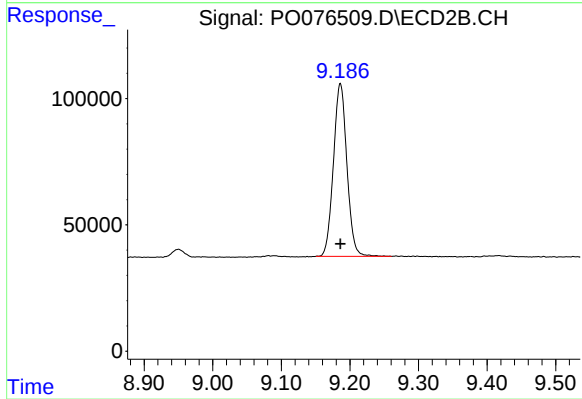
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 1004825
Conc: 18.32 ng/ml



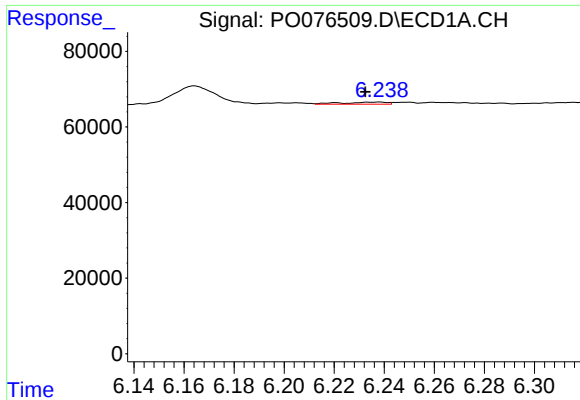
#2 Decachlorobiphenyl

R.T.: 10.890 min
Delta R.T.: 0.012 min
Response: 1337043
Conc: 20.54 ng/ml



#2 Decachlorobiphenyl

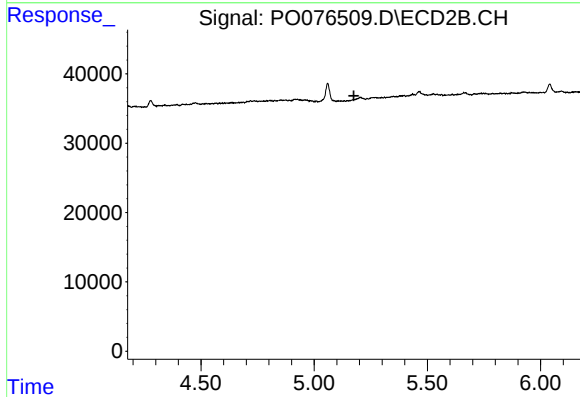
R.T.: 9.186 min
Delta R.T.: 0.000 min
Response: 933447
Conc: 19.81 ng/ml



#3 AR-1016-1

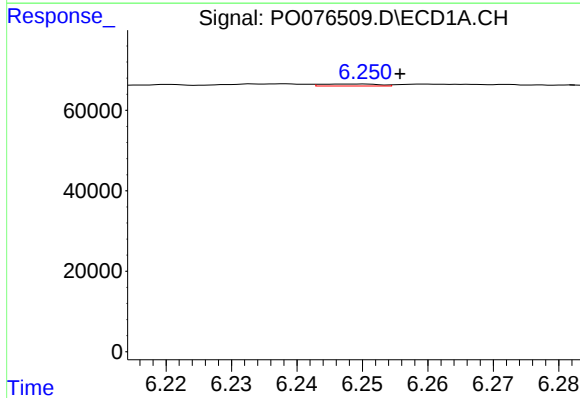
R.T.: 6.238 min
Delta R.T.: 0.005 min
Response: 6906
Conc: 2.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



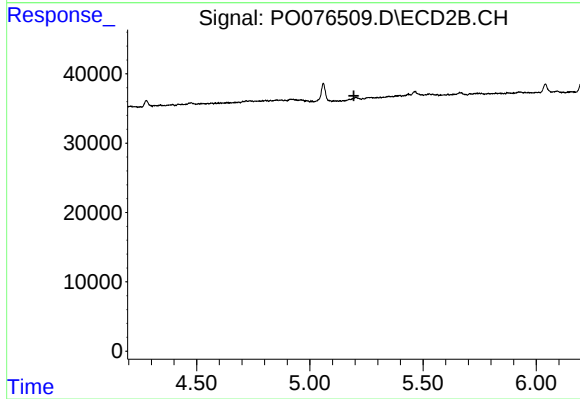
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.175 min
Response: 0
Conc: N.D.



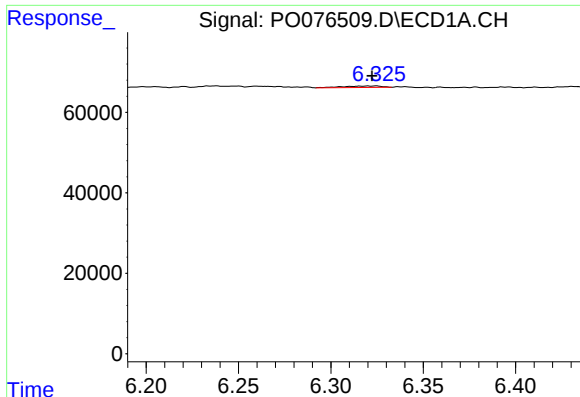
#4 AR-1016-2

R.T.: 6.249 min
Delta R.T.: -0.007 min
Response: 2996
Conc: 0.73 ng/ml



#4 AR-1016-2

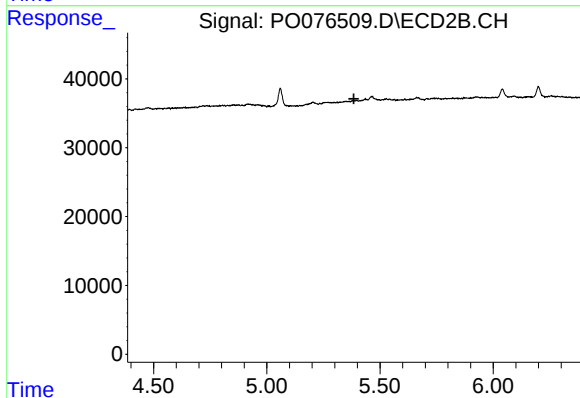
R.T.: 0.000 min
Exp R.T. : 5.195 min
Response: 0
Conc: N.D.



#5 AR-1016-3

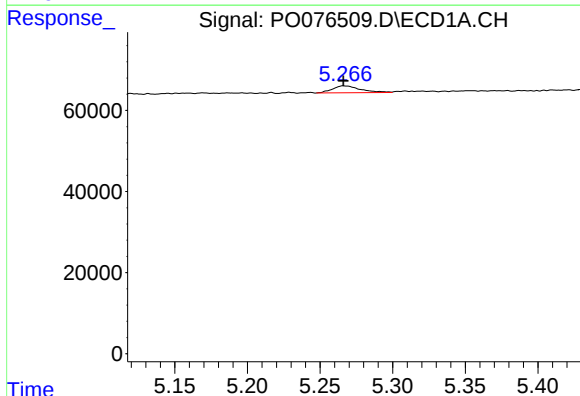
R.T.: 6.324 min
Delta R.T.: 0.002 min
Response: 5313
Conc: 2.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



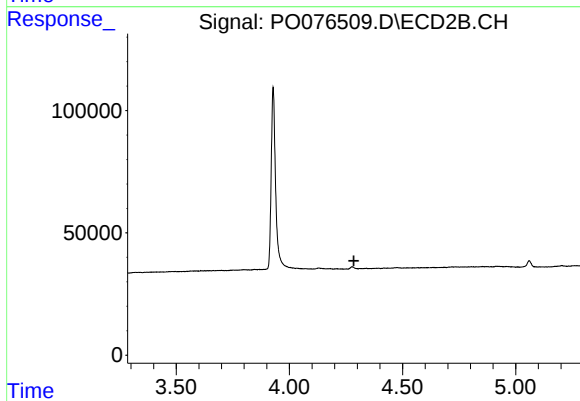
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.384 min
Response: 0
Conc: N.D.



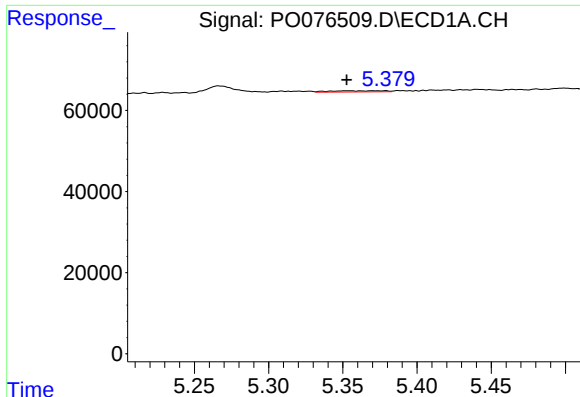
#9 AR-1221-2

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 22861
Conc: 33.76 ng/ml



#9 AR-1221-2

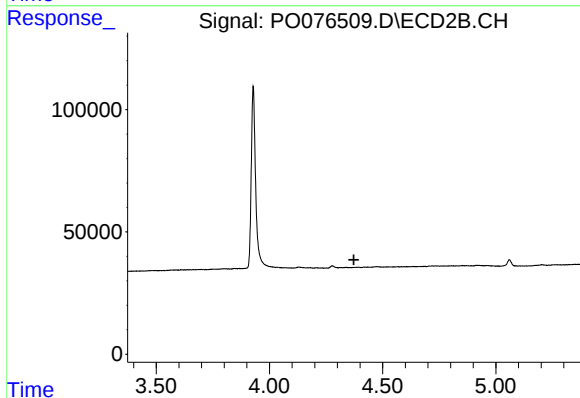
R.T.: 0.000 min
Exp R.T. : 4.285 min
Response: 0
Conc: N.D.



#10 AR-1221-3

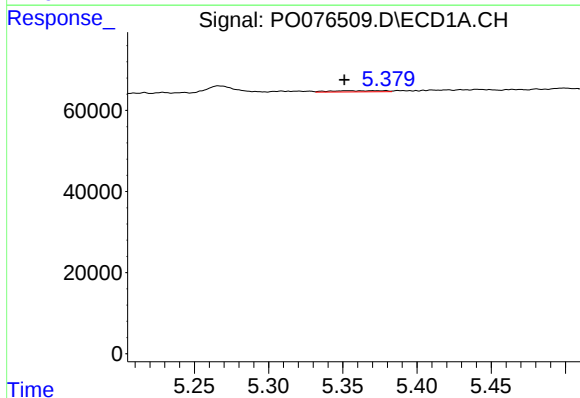
R.T.: 5.354 min
Delta R.T.: 0.001 min
Response: 7148
Conc: 3.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



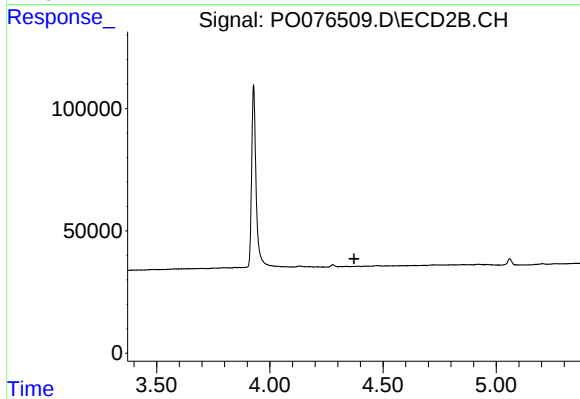
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.373 min
Response: 0
Conc: N.D.



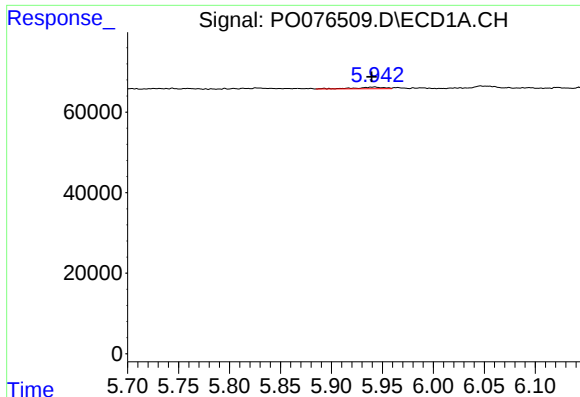
#11 AR-1232-1

R.T.: 5.354 min
Delta R.T.: 0.003 min
Response: 7148
Conc: 4.04 ng/ml



#11 AR-1232-1

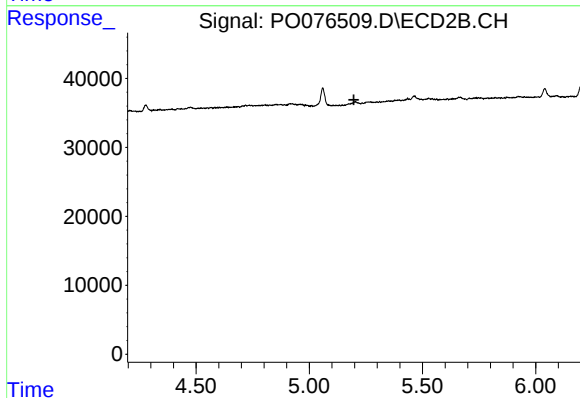
R.T.: 0.000 min
Exp R.T. : 4.372 min
Response: 0
Conc: N.D.



#12 AR-1232-2

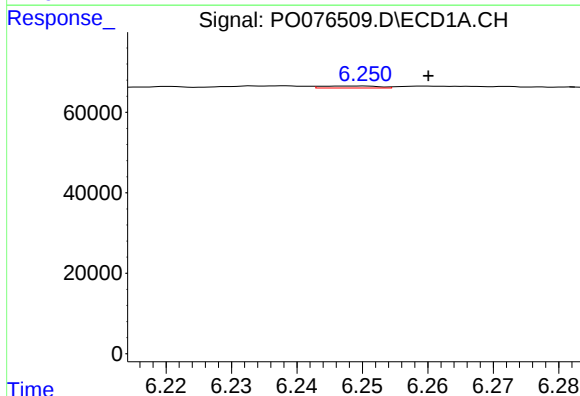
R.T.: 5.943 min
Delta R.T.: 0.003 min
Response: 8197
Conc: 9.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



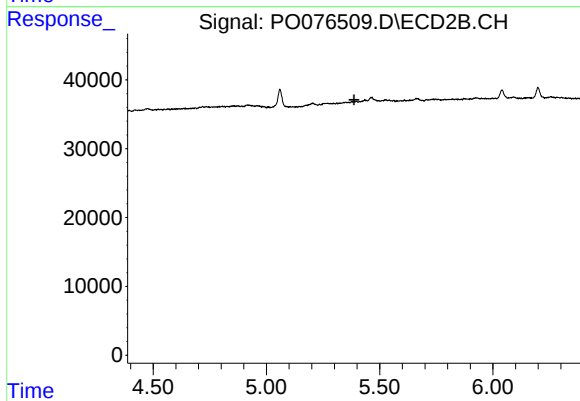
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.197 min
Response: 0
Conc: N.D.



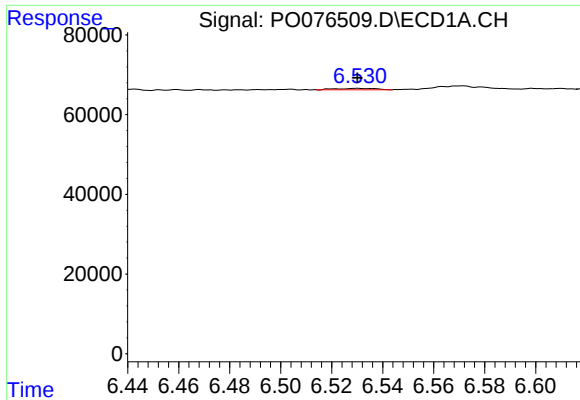
#13 AR-1232-3

R.T.: 6.249 min
Delta R.T.: -0.011 min
Response: 2996
Conc: 1.77 ng/ml



#13 AR-1232-3

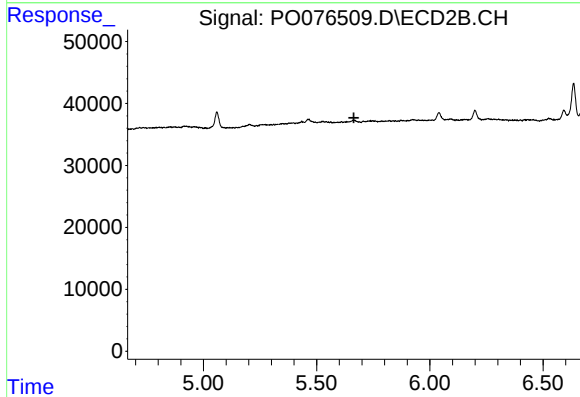
R.T.: 0.000 min
Exp R.T. : 5.387 min
Response: 0
Conc: N.D.



#15 AR-1232-5

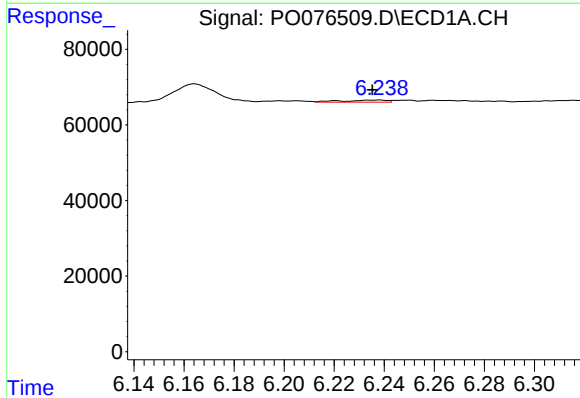
R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 3778
Conc: 6.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



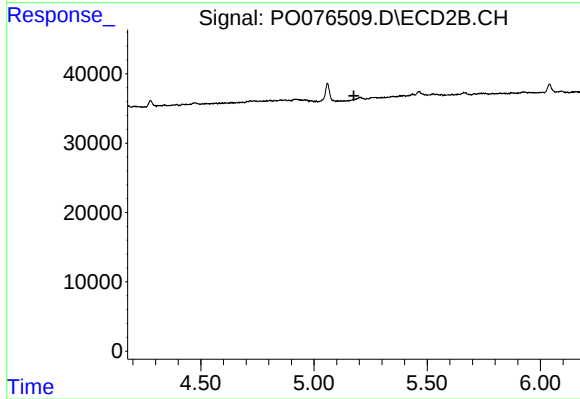
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.665 min
Response: 0
Conc: N.D.



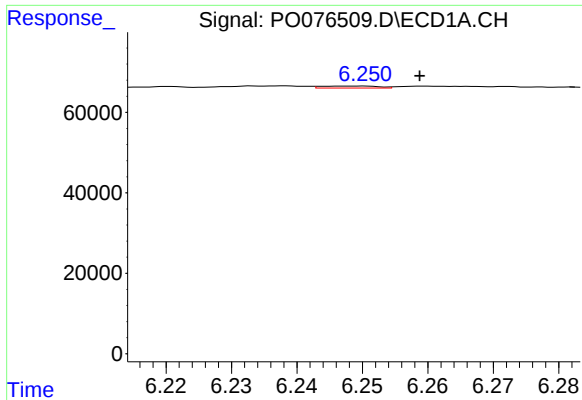
#16 AR-1242-1

R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 6906
Conc: 3.09 ng/ml



#16 AR-1242-1

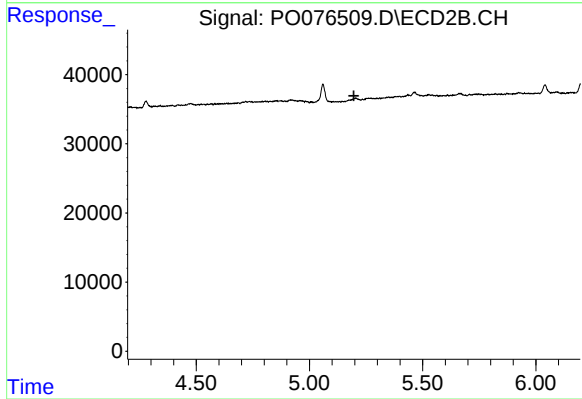
R.T.: 0.000 min
Exp R.T. : 5.176 min
Response: 0
Conc: N.D.



#17 AR-1242-2

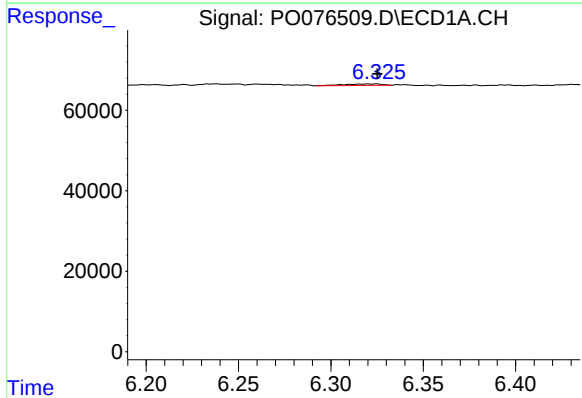
R.T.: 6.249 min
Delta R.T.: -0.010 min
Response: 2996
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
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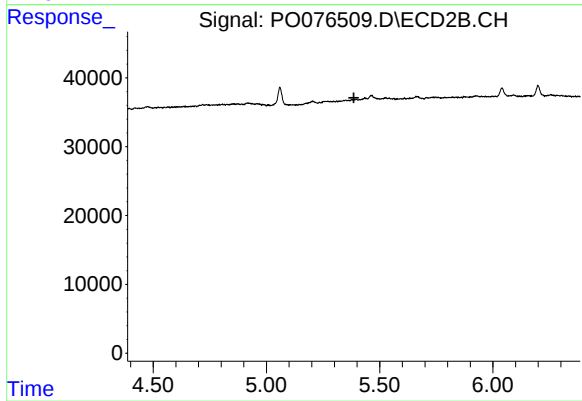
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.196 min
Response: 0
Conc: N.D.



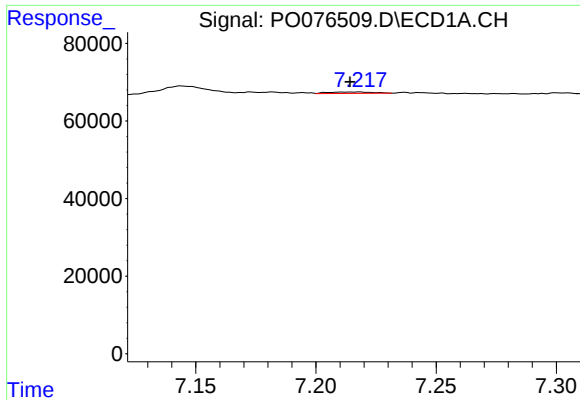
#18 AR-1242-3

R.T.: 6.324 min
Delta R.T.: -0.001 min
Response: 5313
Conc: 2.63 ng/ml



#18 AR-1242-3

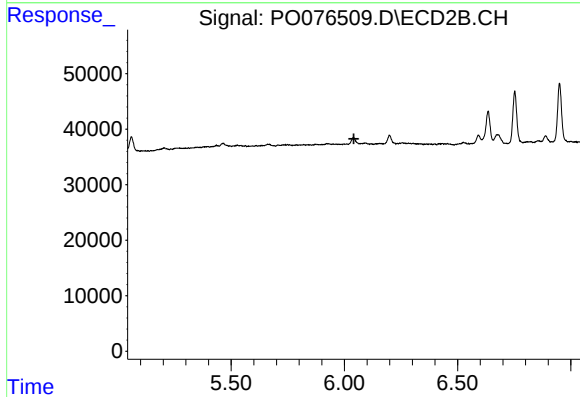
R.T.: 0.000 min
Exp R.T. : 5.386 min
Response: 0
Conc: N.D.



#20 AR-1242-5

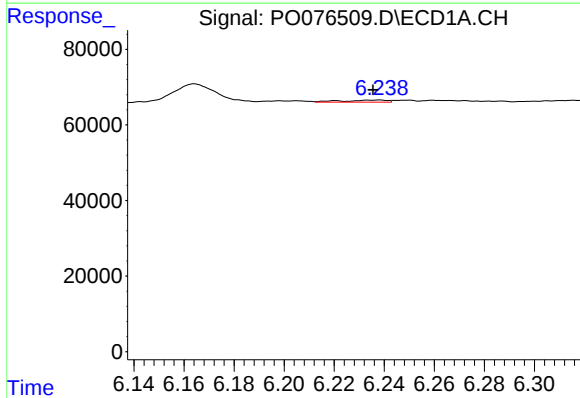
R.T.: 7.217 min
Delta R.T.: 0.003 min
Response: 4701
Conc: 2.69 ng/ml

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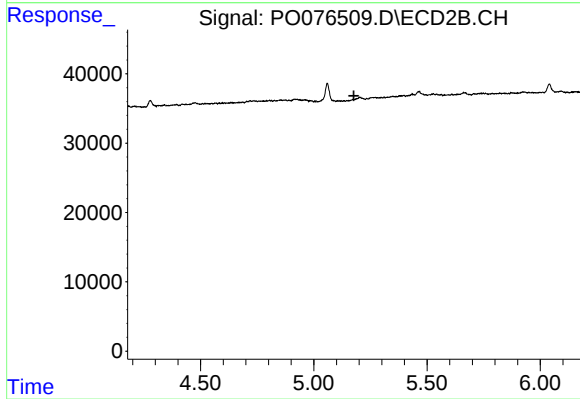
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.042 min
Response: 0
Conc: N.D.



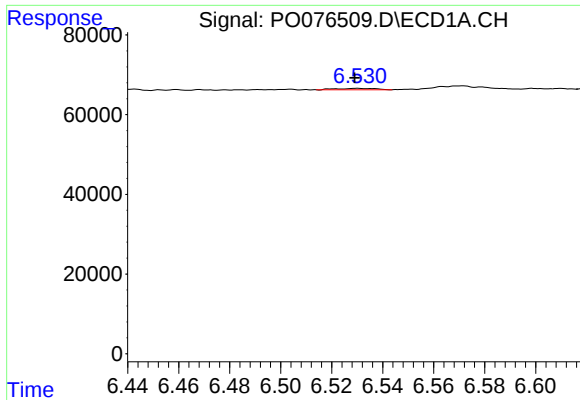
#21 AR-1248-1

R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 6906
Conc: 4.17 ng/ml



#21 AR-1248-1

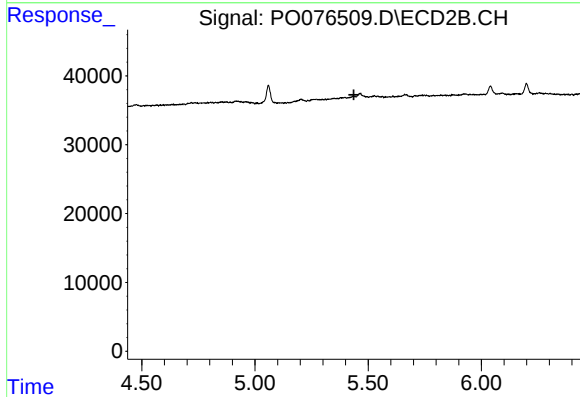
R.T.: 0.000 min
Exp R.T. : 5.177 min
Response: 0
Conc: N.D.



#22 AR-1248-2

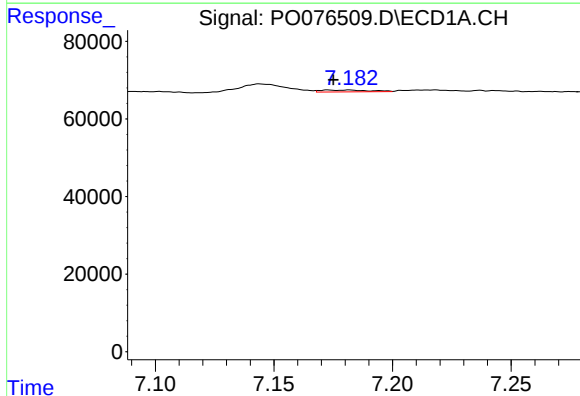
R.T.: 6.530 min
Delta R.T.: 0.001 min
Response: 3778
Conc: 1.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



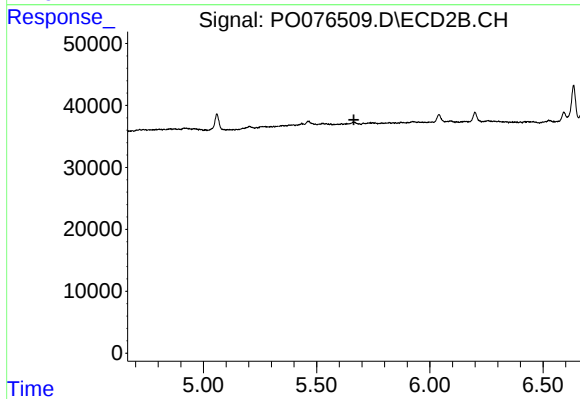
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.437 min
Response: 0
Conc: N.D.



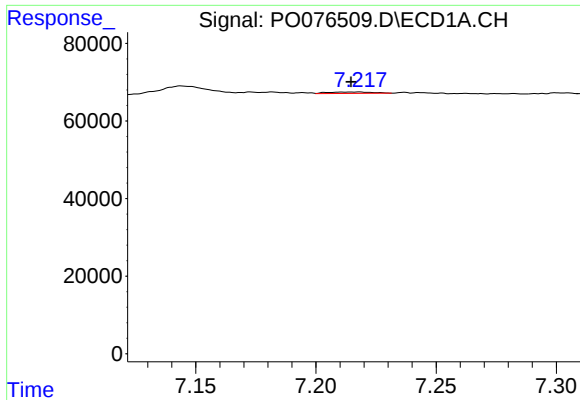
#24 AR-1248-4

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 6694
Conc: 2.14 ng/ml



#24 AR-1248-4

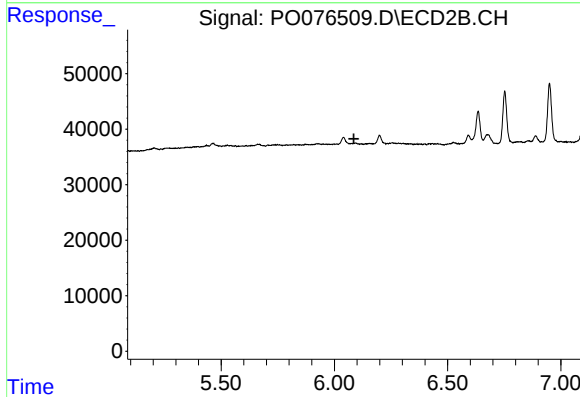
R.T.: 0.000 min
Exp R.T. : 5.664 min
Response: 0
Conc: N.D.



#25 AR-1248-5

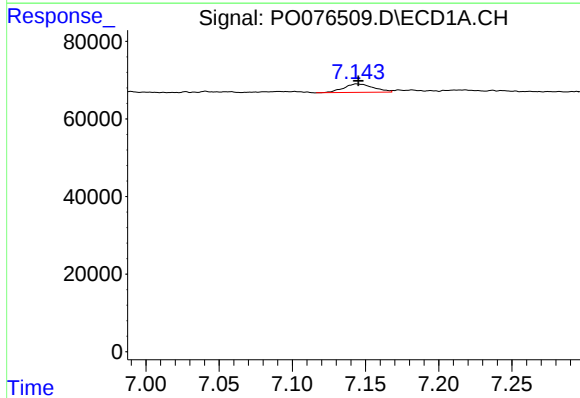
R.T.: 7.217 min
Delta R.T.: 0.003 min
Response: 4701
Conc: 1.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



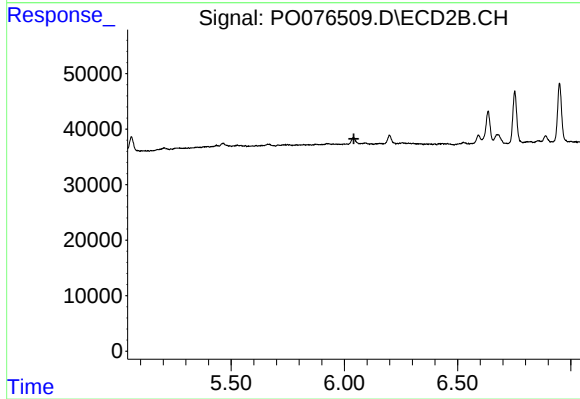
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.086 min
Response: 0
Conc: N.D.



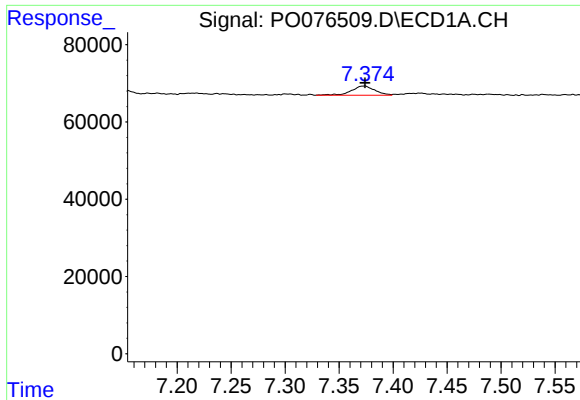
#26 AR-1254-1

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 30923
Conc: 9.31 ng/ml



#26 AR-1254-1

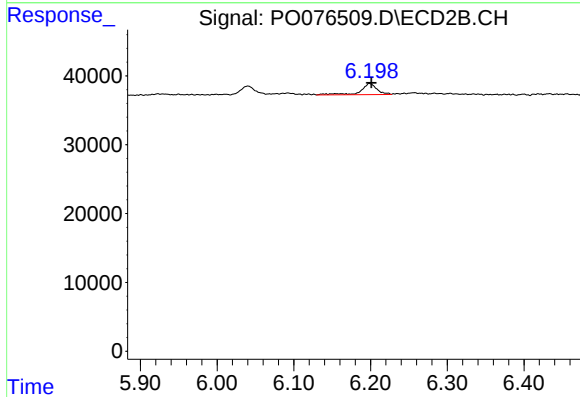
R.T.: 0.000 min
Exp R.T. : 6.042 min
Response: 0
Conc: N.D.



#27 AR-1254-2

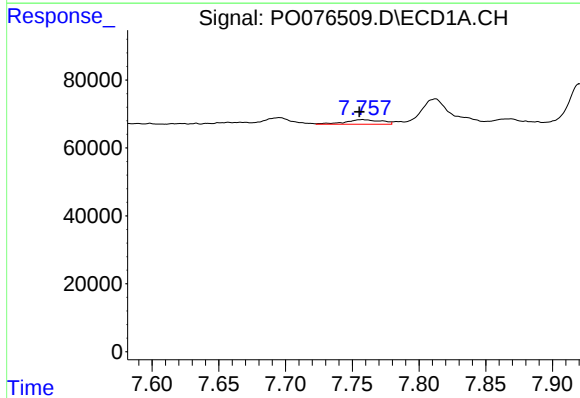
R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 35902
Conc: 6.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



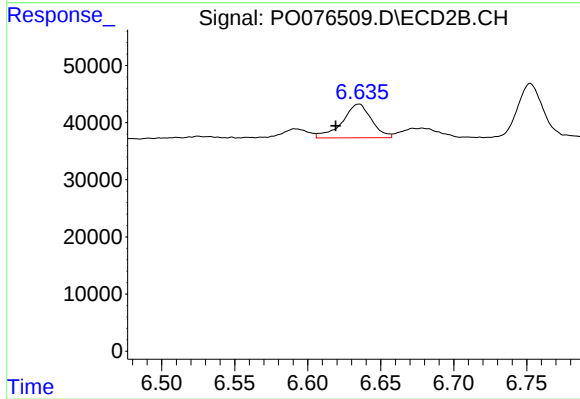
#27 AR-1254-2

R.T.: 6.199 min
Delta R.T.: -0.002 min
Response: 23028
Conc: 8.86 ng/ml



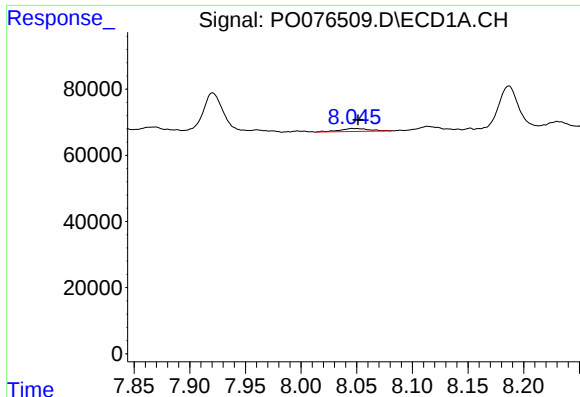
#28 AR-1254-3

R.T.: 7.758 min
Delta R.T.: 0.002 min
Response: 25033
Conc: 4.71 ng/ml



#28 AR-1254-3

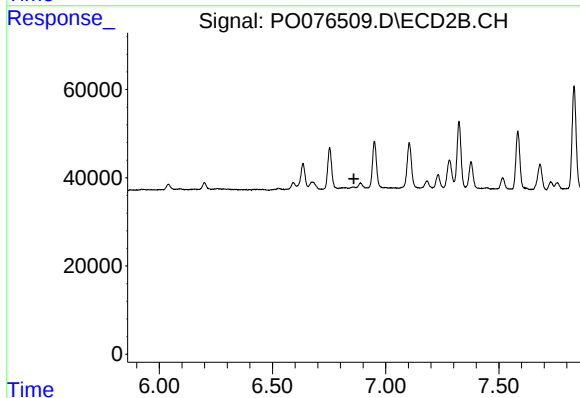
R.T.: 6.635 min
Delta R.T.: 0.016 min
Response: 82437
Conc: 20.58 ng/ml



#29 AR-1254-4

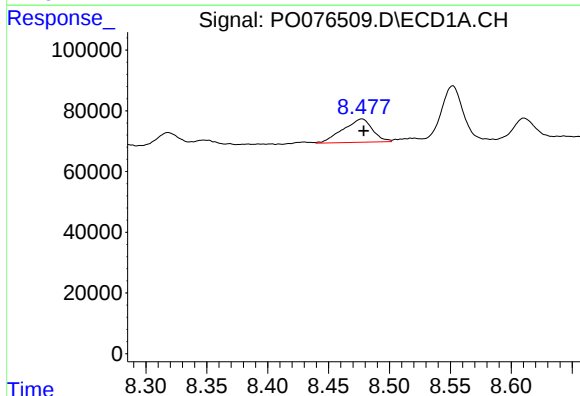
R.T.: 8.046 min
Delta R.T.: -0.005 min
Response: 17170
Conc: 4.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



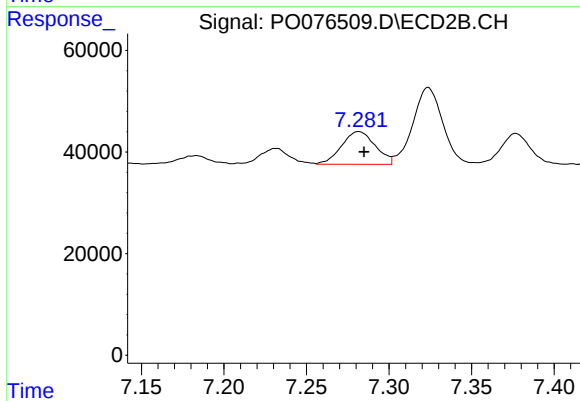
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.859 min
Response: 0
Conc: N.D.



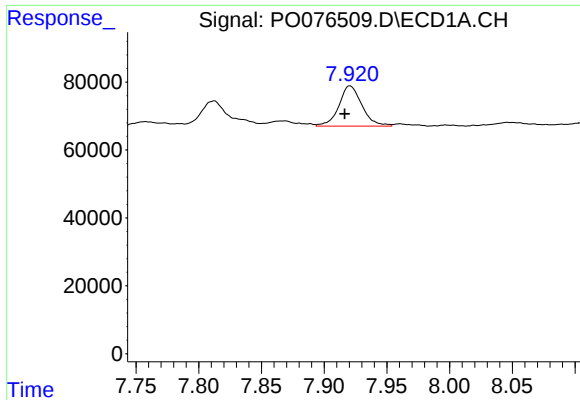
#30 AR-1254-5

R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 130288
Conc: 33.24 ng/ml



#30 AR-1254-5

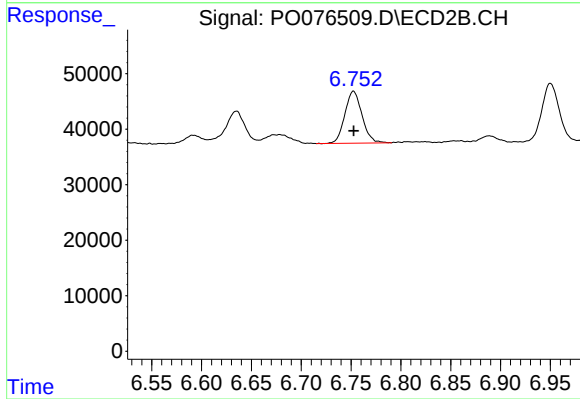
R.T.: 7.282 min
Delta R.T.: -0.003 min
Response: 91980
Conc: 26.10 ng/ml



#31 AR-1260-1

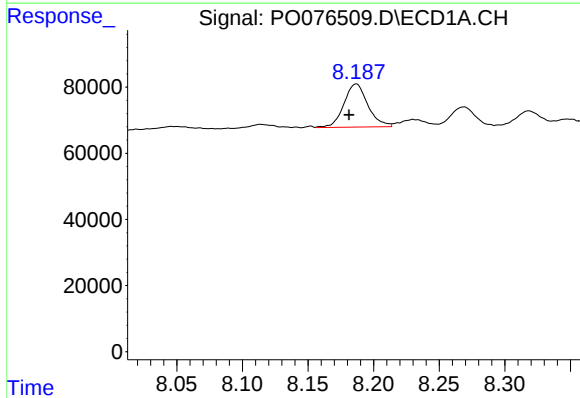
R.T.: 7.921 min
Delta R.T.: 0.004 min
Response: 152417
Conc: 44.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



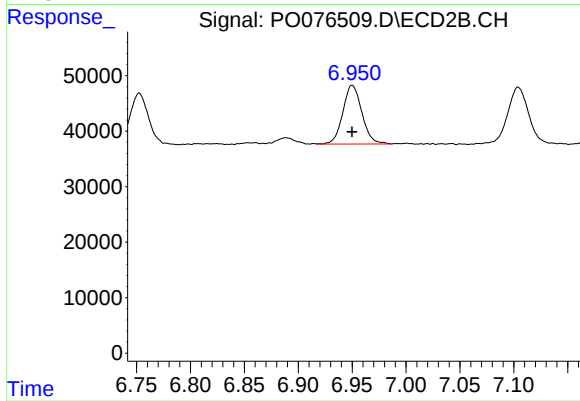
#31 AR-1260-1

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 112444
Conc: 43.87 ng/ml



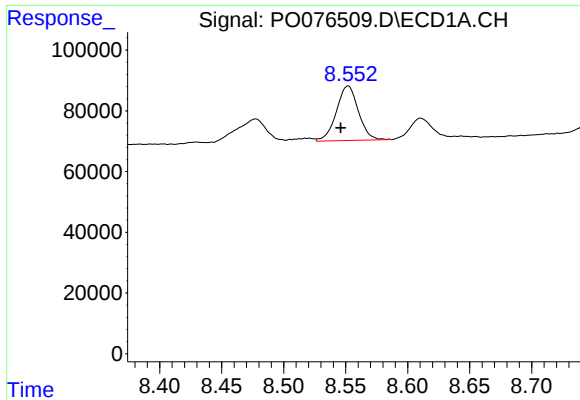
#32 AR-1260-2

R.T.: 8.187 min
Delta R.T.: 0.005 min
Response: 166447
Conc: 41.05 ng/ml



#32 AR-1260-2

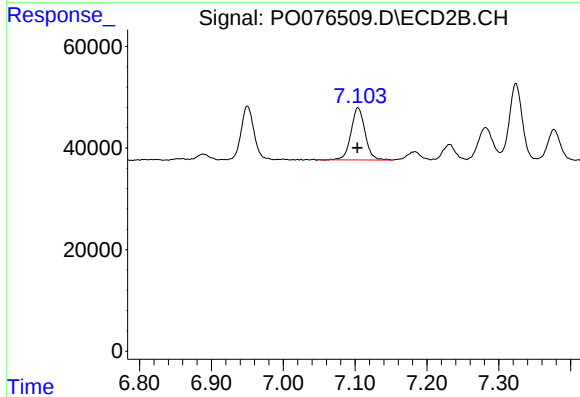
R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 129764
Conc: 41.84 ng/ml



#33 AR-1260-3

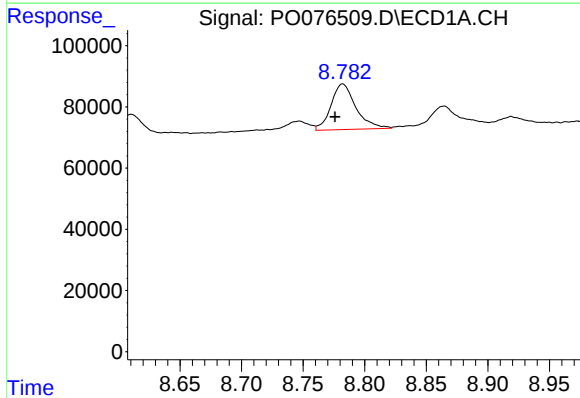
R.T.: 8.552 min
Delta R.T.: 0.006 min
Response: 221872
Conc: 73.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



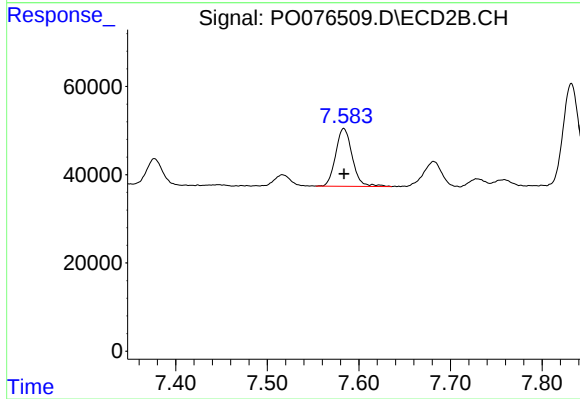
#33 AR-1260-3

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 139790
Conc: 47.58 ng/ml



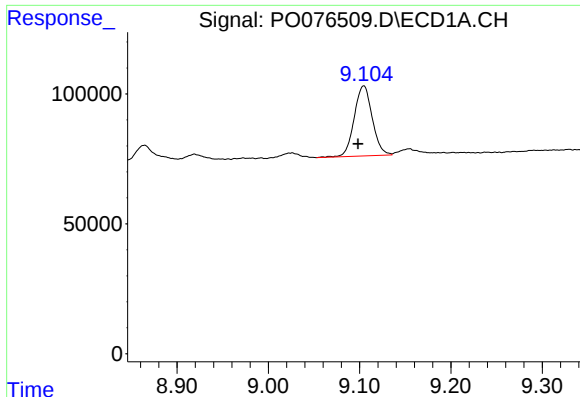
#34 AR-1260-4

R.T.: 8.782 min
Delta R.T.: 0.006 min
Response: 209065
Conc: 59.99 ng/ml



#34 AR-1260-4

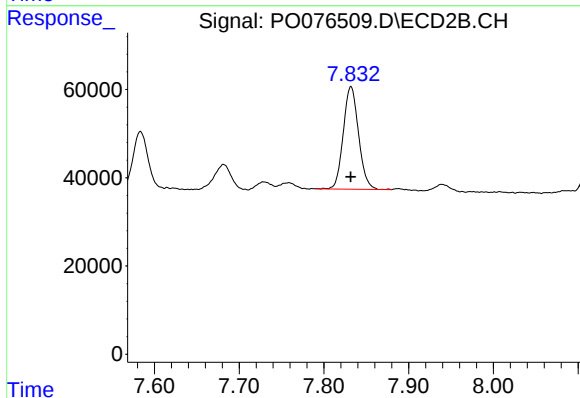
R.T.: 7.584 min
Delta R.T.: 0.000 min
Response: 164641
Conc: 69.08 ng/ml



#35 AR-1260-5

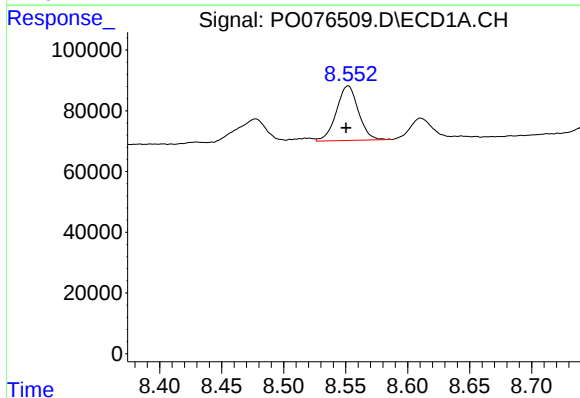
R.T.: 9.105 min
Delta R.T.: 0.006 min
Response: 371621
Conc: 54.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



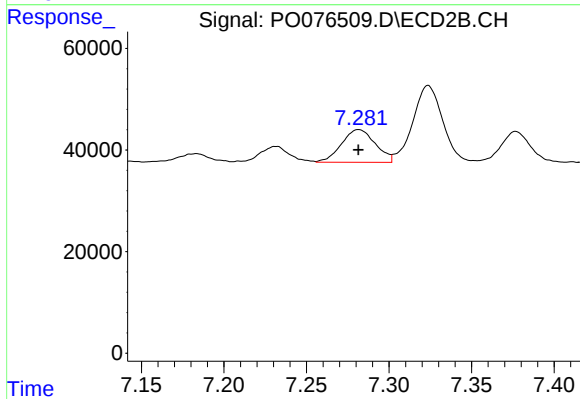
#35 AR-1260-5

R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 291511
Conc: 51.38 ng/ml



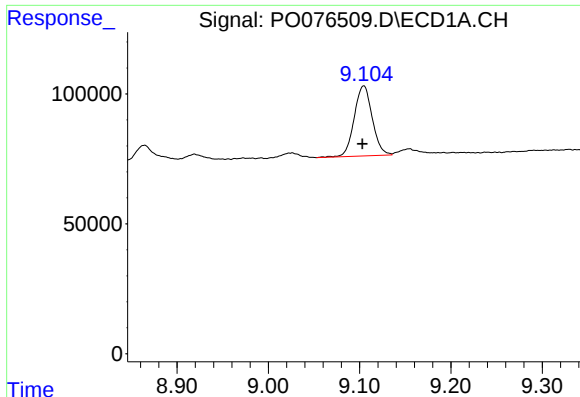
#36 AR-1262-1

R.T.: 8.552 min
Delta R.T.: 0.002 min
Response: 221872
Conc: 42.88 ng/ml



#36 AR-1262-1

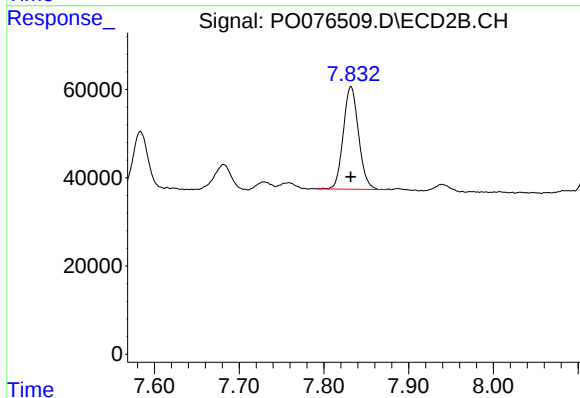
R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 91980
Conc: 46.77 ng/ml



#37 AR-1262-2

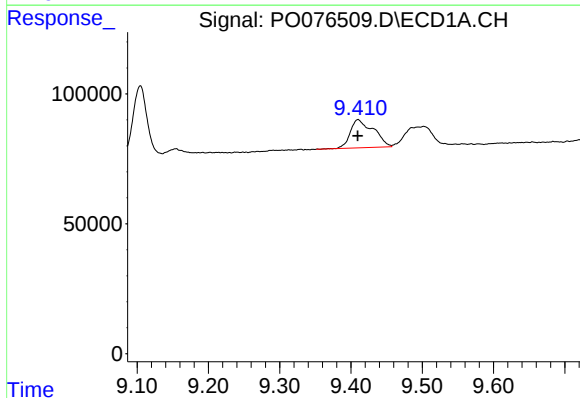
R.T.: 9.105 min
Delta R.T.: 0.001 min
Response: 371621
Conc: 43.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



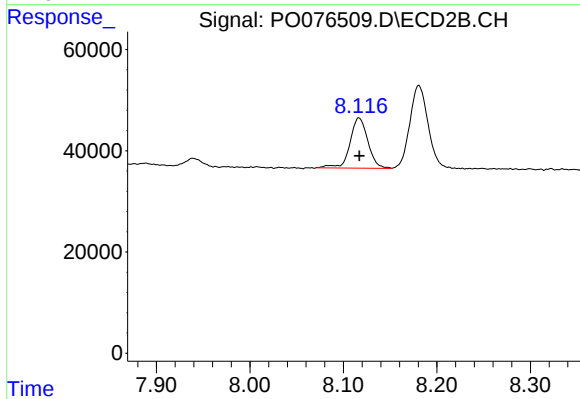
#37 AR-1262-2

R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 291511
Conc: 43.36 ng/ml



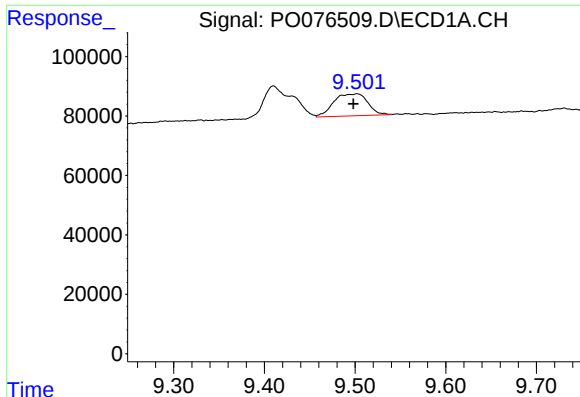
#38 AR-1262-3

R.T.: 9.410 min
Delta R.T.: 0.000 min
Response: 244822
Conc: 43.18 ng/ml



#38 AR-1262-3

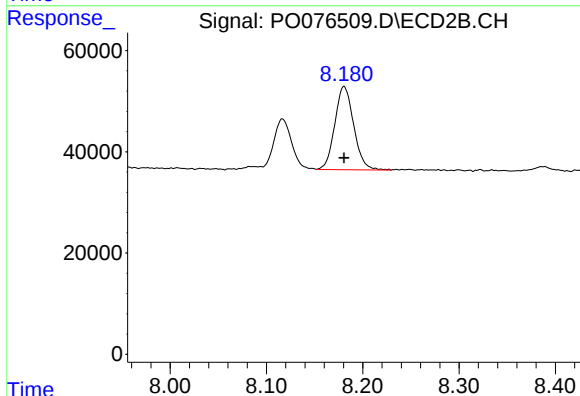
R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 131586
Conc: 48.85 ng/ml



#39 AR-1262-4

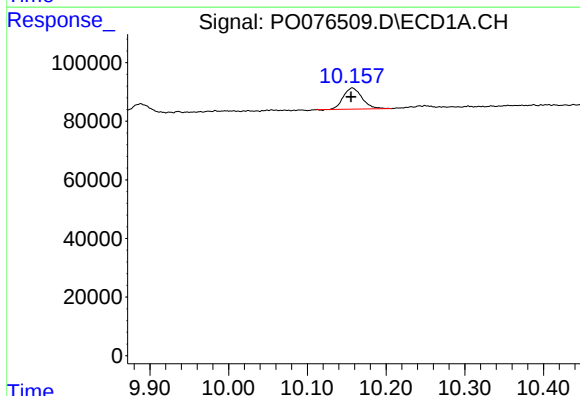
R.T.: 9.502 min
Delta R.T.: 0.004 min
Response: 191993
Conc: 44.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



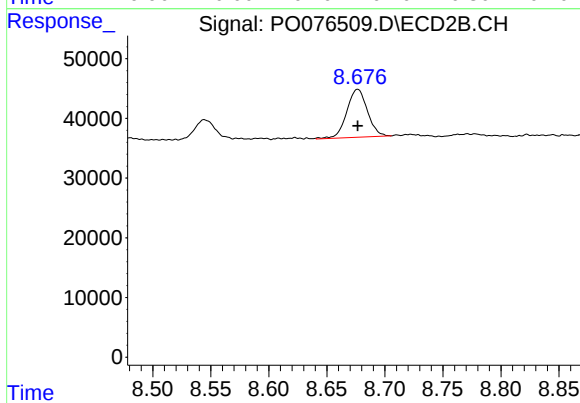
#39 AR-1262-4

R.T.: 8.181 min
Delta R.T.: 0.000 min
Response: 224604
Conc: 45.13 ng/ml



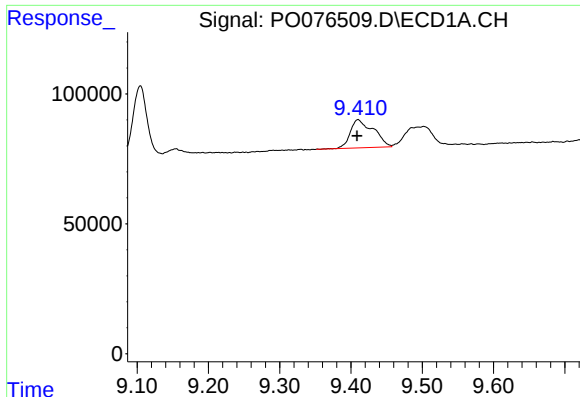
#40 AR-1262-5

R.T.: 10.157 min
Delta R.T.: 0.002 min
Response: 120463
Conc: 41.46 ng/ml



#40 AR-1262-5

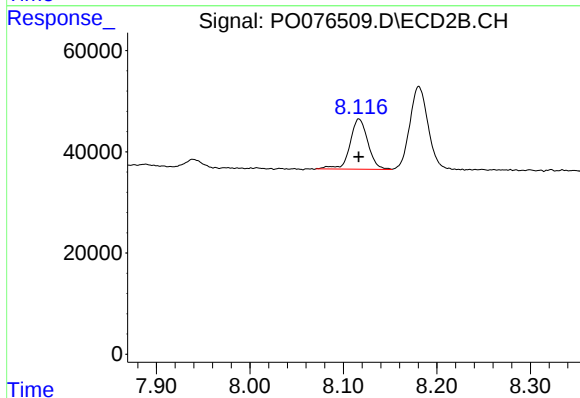
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 99553
Conc: 45.82 ng/ml



#41 AR-1268-1

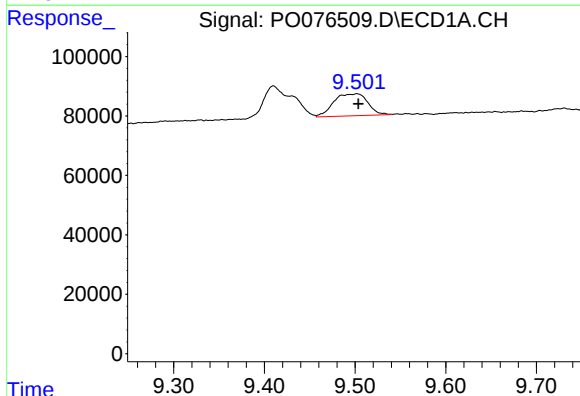
R.T.: 9.410 min
Delta R.T.: 0.001 min
Response: 244822
Conc: 23.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



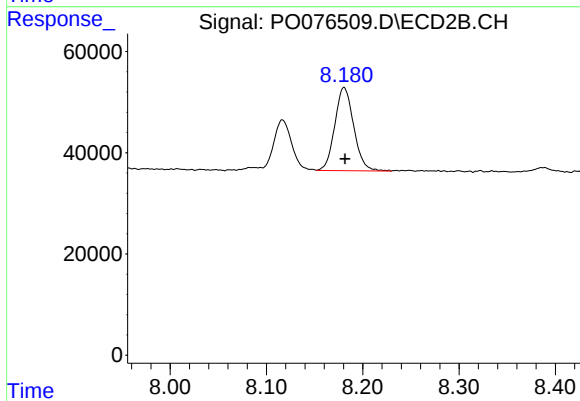
#41 AR-1268-1

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 131586
Conc: 16.88 ng/ml



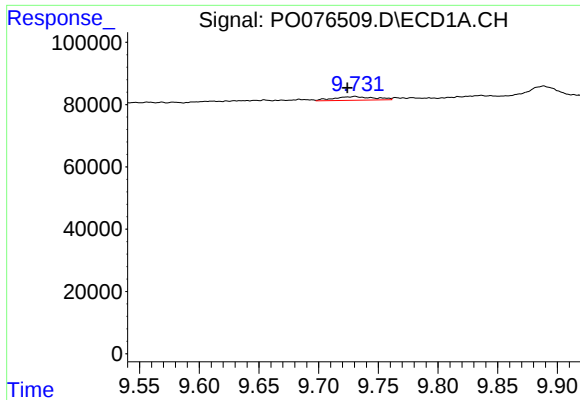
#42 AR-1268-2

R.T.: 9.502 min
Delta R.T.: -0.002 min
Response: 191993
Conc: 20.63 ng/ml



#42 AR-1268-2

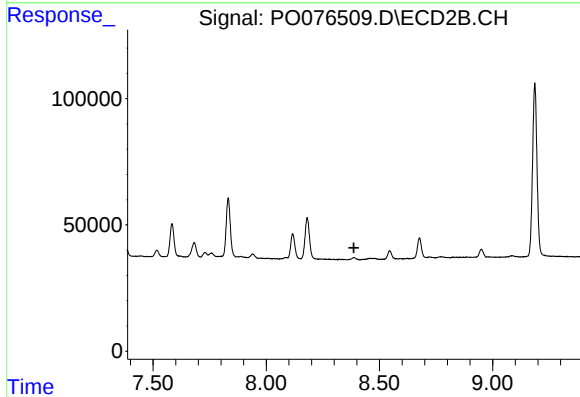
R.T.: 8.181 min
Delta R.T.: -0.001 min
Response: 224604
Conc: 31.67 ng/ml



#43 AR-1268-3

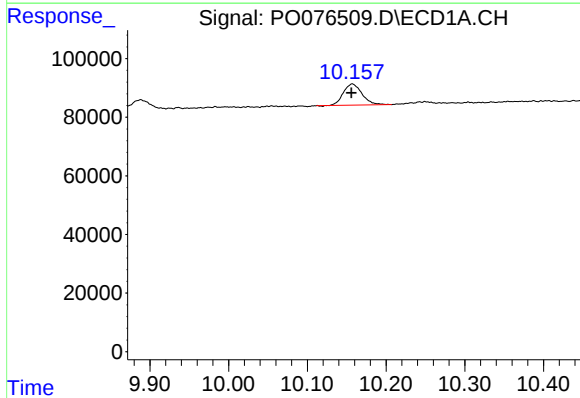
R.T.: 9.731 min
Delta R.T.: 0.006 min
Response: 27352
Conc: 3.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



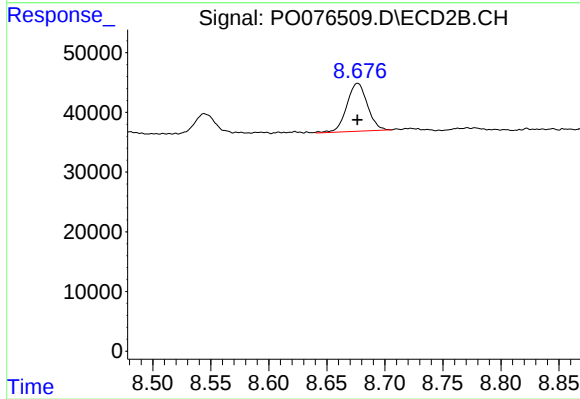
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.387 min
Response: 0
Conc: N.D.



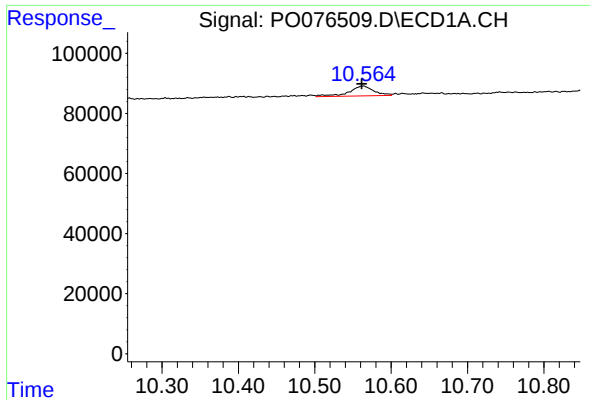
#44 AR-1268-4

R.T.: 10.157 min
Delta R.T.: 0.001 min
Response: 120463
Conc: 37.07 ng/ml



#44 AR-1268-4

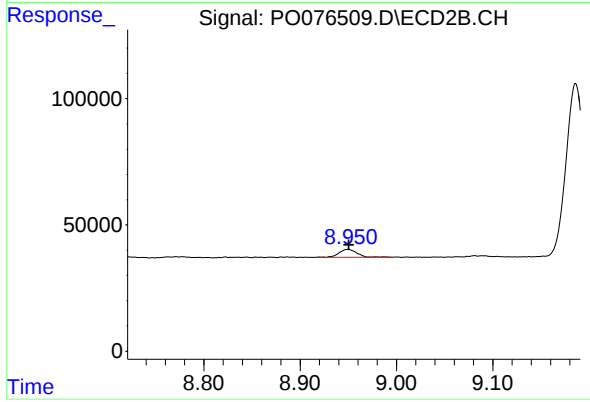
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 99553
Conc: 41.23 ng/ml



#45 AR-1268-5

R.T.: 10.563 min
Delta R.T.: 0.002 min
Response: 73693
Conc: 2.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



#45 AR-1268-5

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 41064
Conc: 2.27 ng/ml