

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032421\
 Data File : P0076504.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Mar 2021 6:02
 Operator : DD\AJ
 Sample : M1458-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 42 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 07:20:25 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...	4.916	3.930	1806241	1078457	20.624	19.661
2)	SA Decachlor...	10.892	9.188	1367483	967040	21.008	20.522
Target Compounds							
3)	L1 AR-1016-1	6.262f	0.000	42315	0	15.658	N.D. #
4)	L1 AR-1016-2	6.262	0.000	42315	0	10.293	N.D. #
5)	L1 AR-1016-3	6.327	0.000	15980	0	6.623	N.D. #
6)	L1 AR-1016-4	6.432	0.000	7712	0	3.979	N.D. #
8)	L2 AR-1221-1	5.168	4.188	46928	28274	53.336	48.677
9)	L2 AR-1221-2	5.268	4.285	61070	27860	90.179	64.654 #
10)	L2 AR-1221-3	5.354	4.375	127141	65575	58.757	48.869
11)	L3 AR-1232-1	5.354	4.375	127141	65575	71.875	60.027
12)	L3 AR-1232-2	5.943	0.000	30204	0	34.054	N.D. #
13)	L3 AR-1232-3	6.262	0.000	42315	0	25.058	N.D. #
14)	L3 AR-1232-4	6.432	0.000	7712	0	9.850	N.D. #
16)	L4 AR-1242-1	6.262f	0.000	42315	0	18.928	N.D. #
17)	L4 AR-1242-2	6.262	0.000	42315	0	12.454	N.D. #
18)	L4 AR-1242-3	6.327	0.000	15980	0	7.907	N.D. #
19)	L4 AR-1242-4	6.432	0.000	7712	0	4.788	N.D. #
20)	L4 AR-1242-5	7.221	0.000	25810	0	14.777	N.D. #
21)	L5 AR-1248-1	6.262f	0.000	42315	0	25.563	N.D. #
24)	L5 AR-1248-4	7.178	0.000	9711	0	3.110	N.D. #
25)	L5 AR-1248-5	7.221	0.000	25810	0	8.289	N.D. #
26)	L6 AR-1254-1	7.152	0.000	12873	0	3.876	N.D. #
27)	L6 AR-1254-2	7.374	0.000	13256	0	2.576	N.D. #
28)	L6 AR-1254-3	7.732f	0.000	8541	0	1.606	N.D. #
31)	L7 AR-1260-1	7.892f	0.000	21789	0	6.341	N.D. #
32)	L7 AR-1260-2	8.172	0.000	23277	0	5.741	N.D. #
35)	L7 AR-1260-5	9.111	0.000	140149	0	20.739	N.D. #
37)	L8 AR-1262-2	9.111	0.000	140149	0	16.263	N.D. #
40)	L8 AR-1262-5	10.155	0.000	5748	0	1.978	N.D. #
44)	L9 AR-1268-4	10.155	0.000	5748	0	1.769	N.D. #
45)	L9 AR-1268-5	10.561	0.000	34429	0	1.301	N.D. #

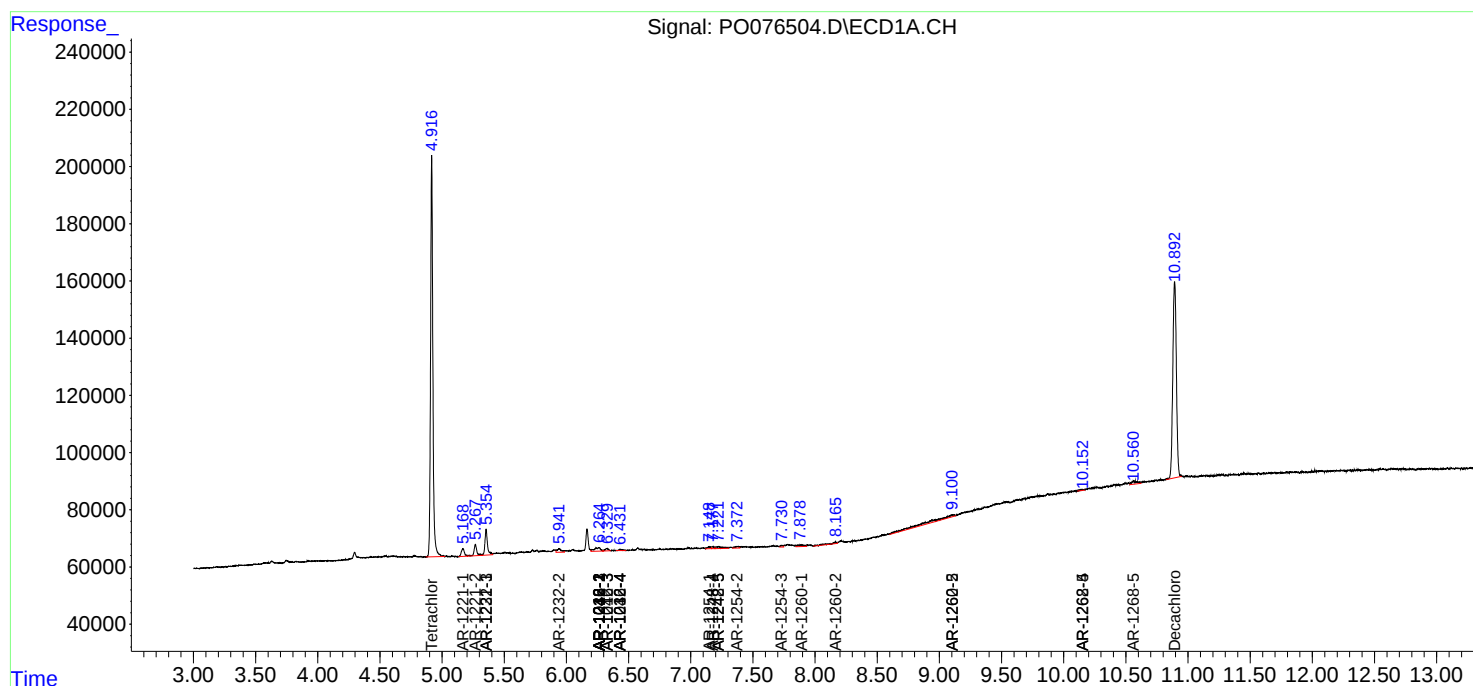
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

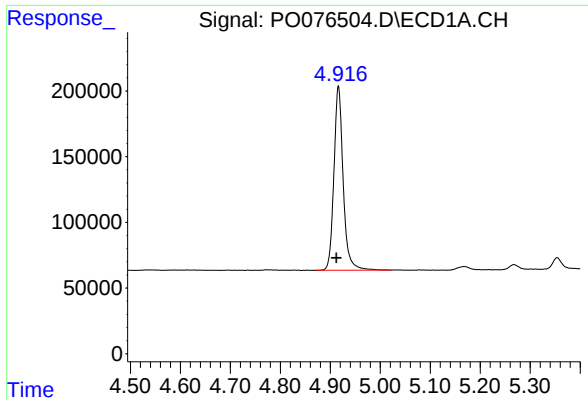
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032421\
Data File : P0076504.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 Mar 2021 6:02
Operator : DD\AJ
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Misc : AR1221 LOD 40 PPB
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032421.M
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Response via : Initial Calibration
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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

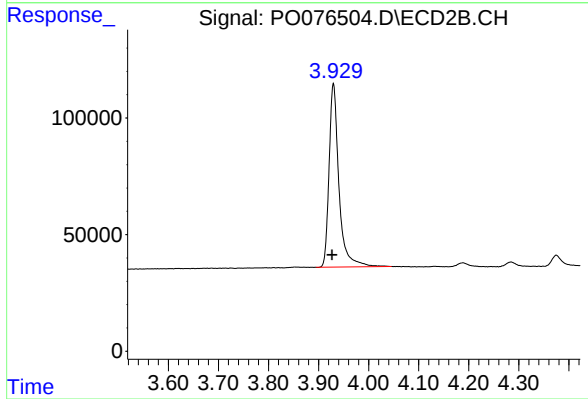




#1 Tetrachloro-m-xylene

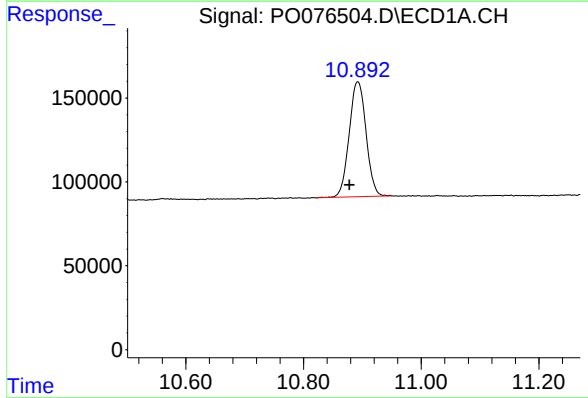
R.T.: 4.916 min
Delta R.T.: 0.004 min
Response: 1806241
Conc: 20.62 ng/ml

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



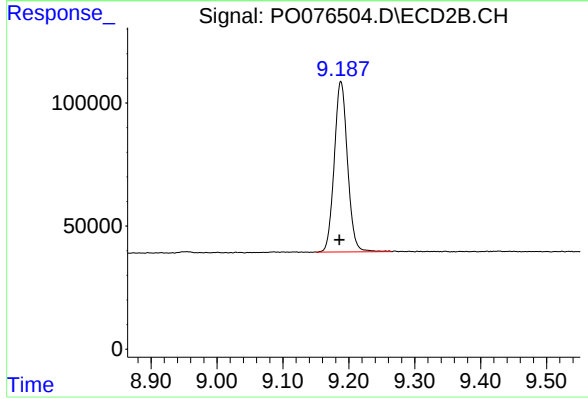
#1 Tetrachloro-m-xylene

R.T.: 3.930 min
Delta R.T.: 0.002 min
Response: 1078457
Conc: 19.66 ng/ml



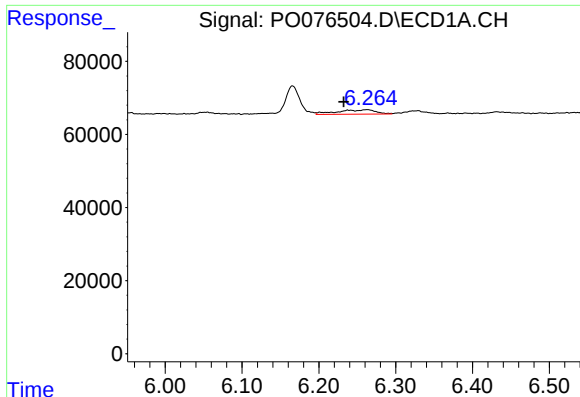
#2 Decachlorobiphenyl

R.T.: 10.892 min
Delta R.T.: 0.014 min
Response: 1367483
Conc: 21.01 ng/ml



#2 Decachlorobiphenyl

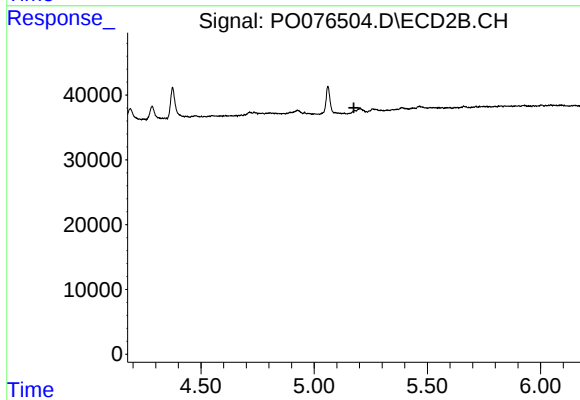
R.T.: 9.188 min
Delta R.T.: 0.002 min
Response: 967040
Conc: 20.52 ng/ml



#3 AR-1016-1

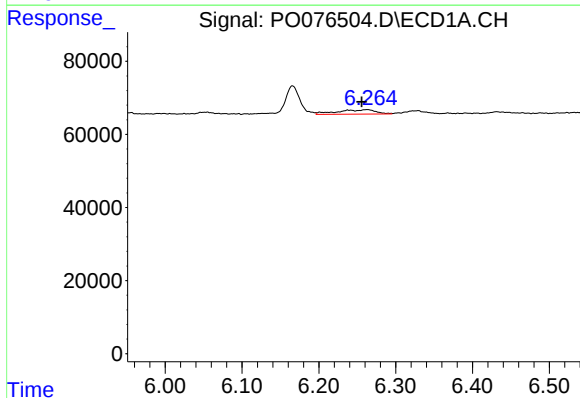
R.T.: 6.262 min
Delta R.T.: 0.030 min
Response: 42315
Conc: 15.66 ng/ml

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



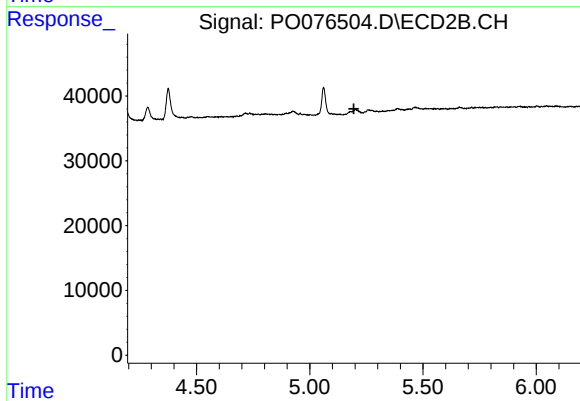
#3 AR-1016-1

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



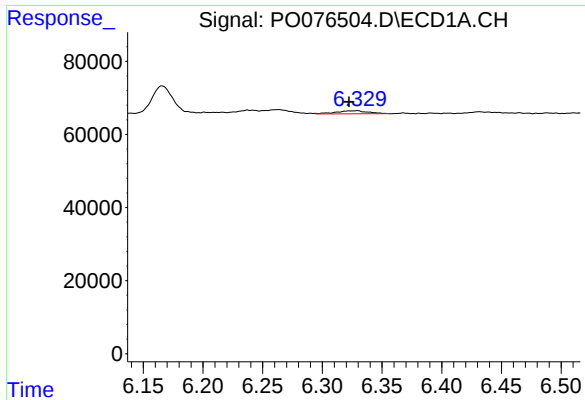
#4 AR-1016-2

R.T.: 6.262 min
Delta R.T.: 0.007 min
Response: 42315
Conc: 10.29 ng/ml



#4 AR-1016-2

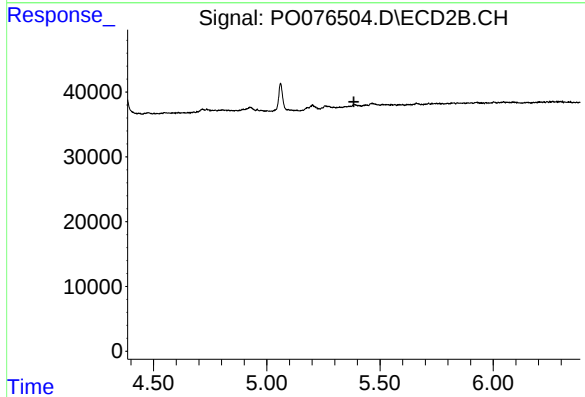
R.T.: 0.000 min
Exp R.T. : 5.195 min
Response: 0
Conc: N.D.



#5 AR-1016-3

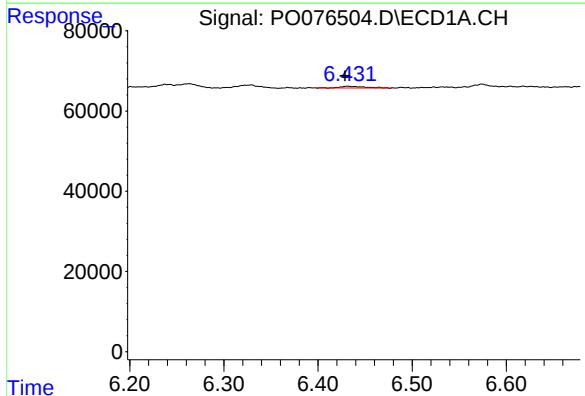
R.T.: 6.327 min
Delta R.T.: 0.005 min
Response: 15980
Conc: 6.62 ng/ml

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



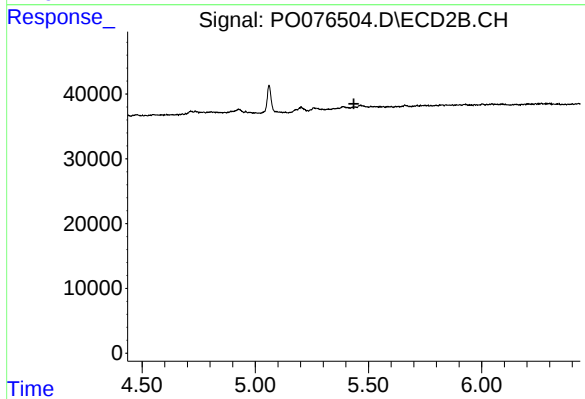
#5 AR-1016-3

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



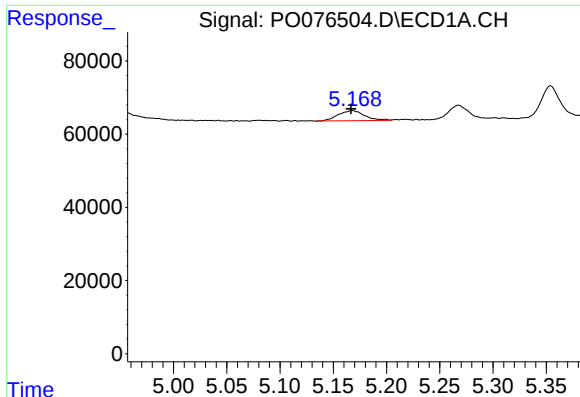
#6 AR-1016-4

R.T.: 6.432 min
Delta R.T.: 0.004 min
Response: 7712
Conc: 3.98 ng/ml



#6 AR-1016-4

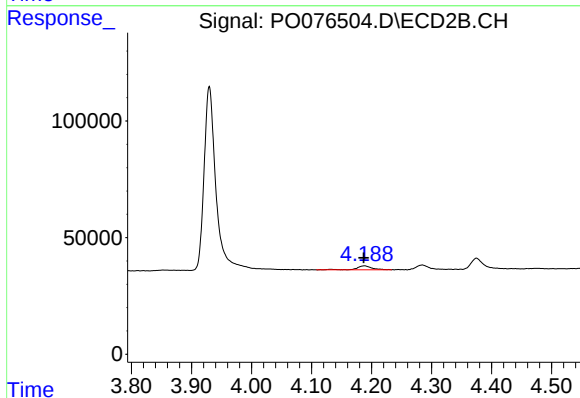
R.T.: 0.000 min
Exp R.T. : 5.436 min
Response: 0
Conc: N.D.



#8 AR-1221-1

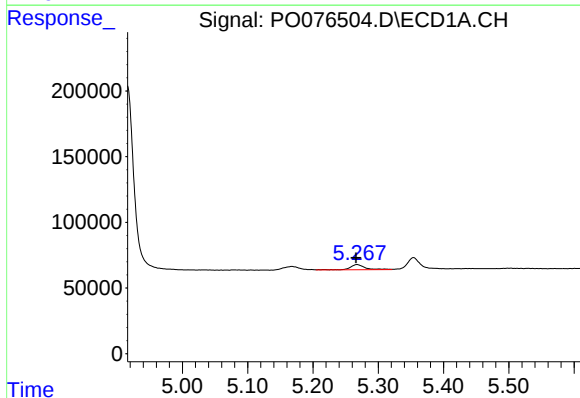
R.T.: 5.168 min
Delta R.T.: 0.001 min
Response: 46928
Conc: 53.34 ng/ml

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



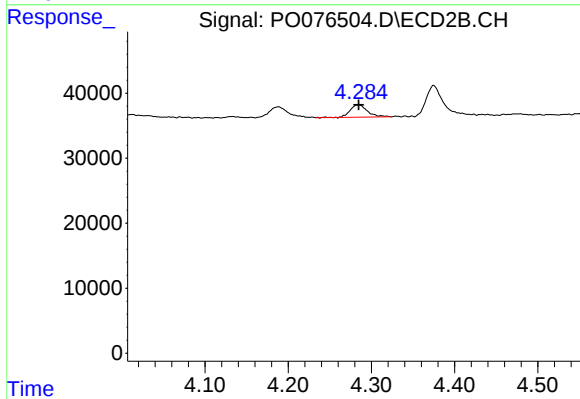
#8 AR-1221-1

R.T.: 4.188 min
Delta R.T.: 0.001 min
Response: 28274
Conc: 48.68 ng/ml



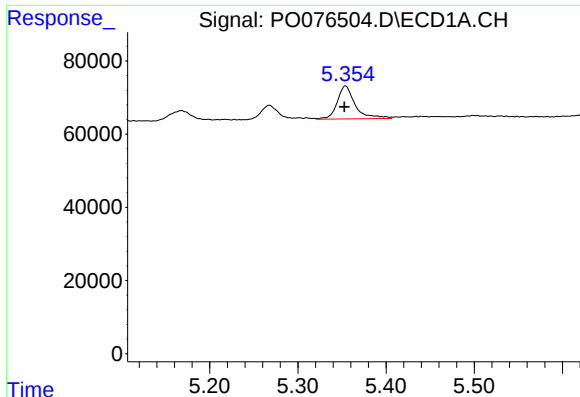
#9 AR-1221-2

R.T.: 5.268 min
Delta R.T.: 0.002 min
Response: 61070
Conc: 90.18 ng/ml



#9 AR-1221-2

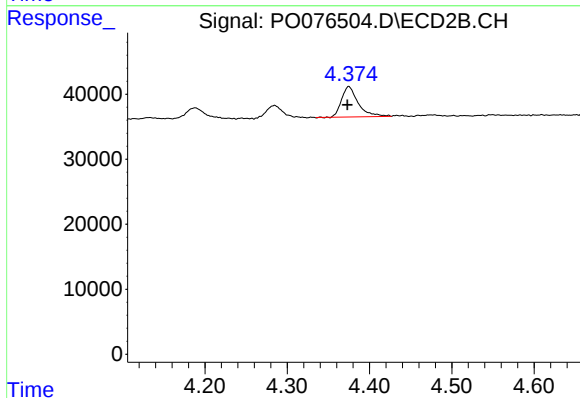
R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 27860
Conc: 64.65 ng/ml



#10 AR-1221-3

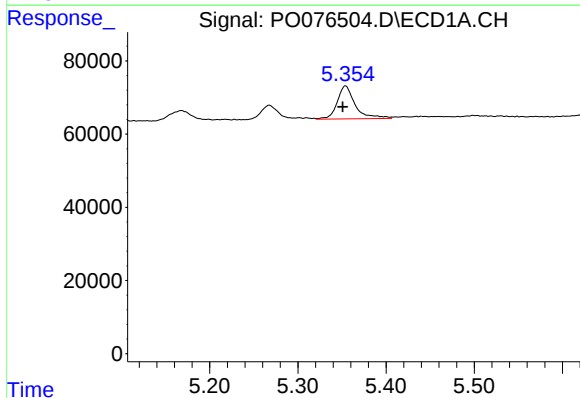
R.T.: 5.354 min
Delta R.T.: 0.002 min
Response: 127141
Conc: 58.76 ng/ml

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



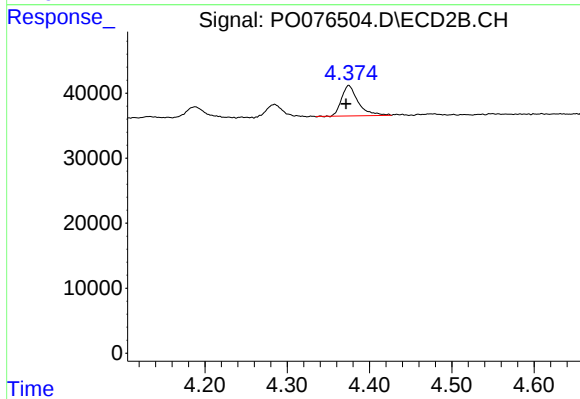
#10 AR-1221-3

R.T.: 4.375 min
Delta R.T.: 0.002 min
Response: 65575
Conc: 48.87 ng/ml



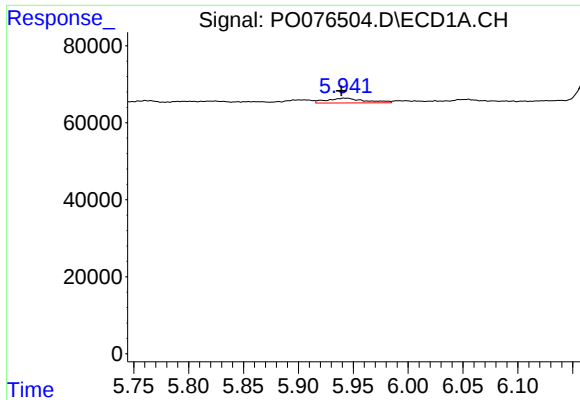
#11 AR-1232-1

R.T.: 5.354 min
Delta R.T.: 0.003 min
Response: 127141
Conc: 71.87 ng/ml



#11 AR-1232-1

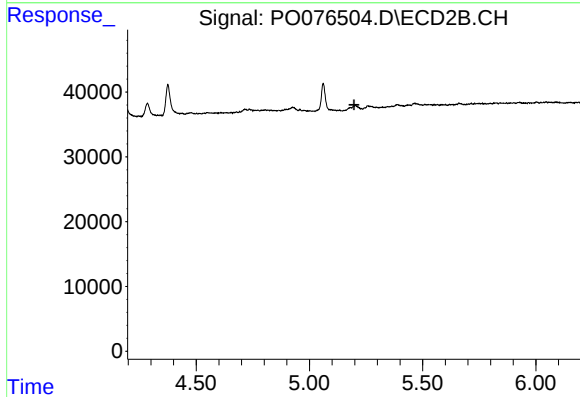
R.T.: 4.375 min
Delta R.T.: 0.003 min
Response: 65575
Conc: 60.03 ng/ml



#12 AR-1232-2

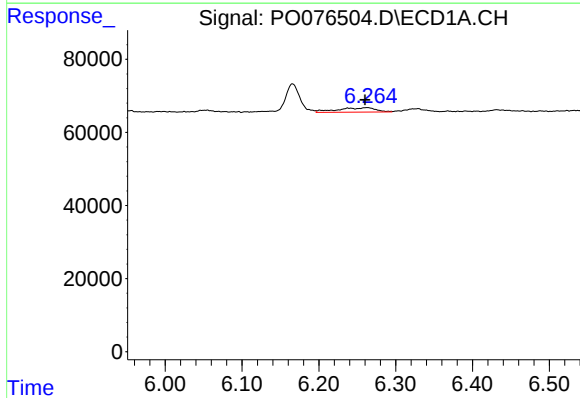
R.T.: 5.943 min
Delta R.T.: 0.003 min
Response: 30204
Conc: 34.05 ng/ml

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



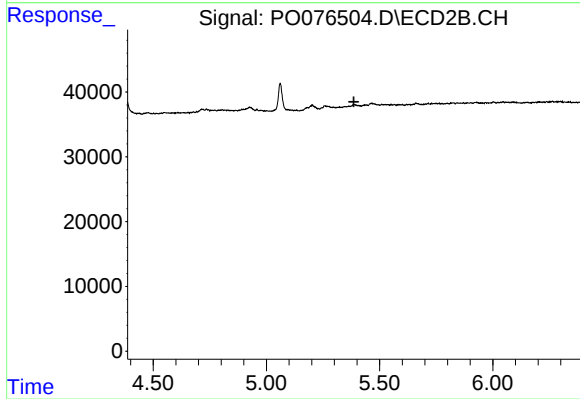
#12 AR-1232-2

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



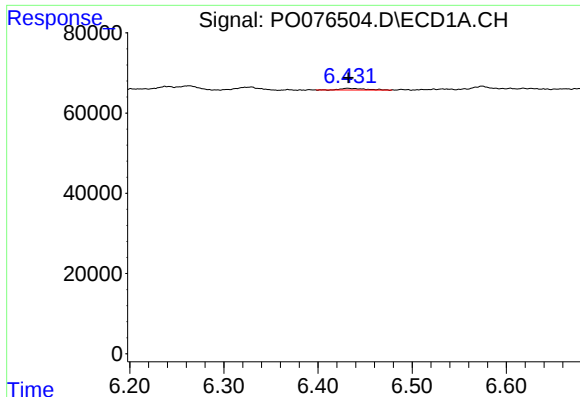
#13 AR-1232-3

R.T.: 6.262 min
Delta R.T.: 0.002 min
Response: 42315
Conc: 25.06 ng/ml



#13 AR-1232-3

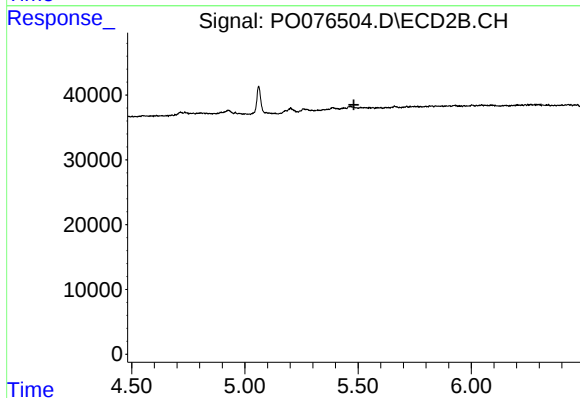
R.T.: 0.000 min
Exp R.T. : 5.387 min
Response: 0
Conc: N.D.



#14 AR-1232-4

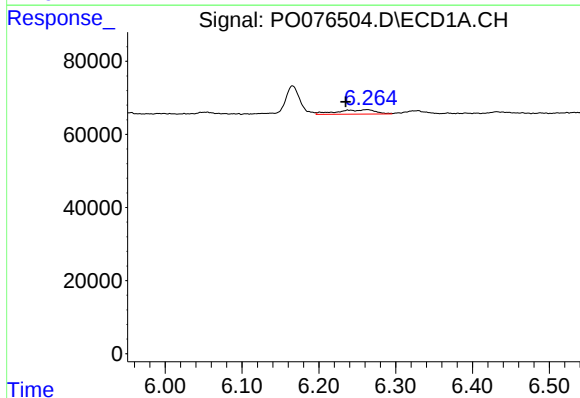
R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 7712
Conc: 9.85 ng/ml

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



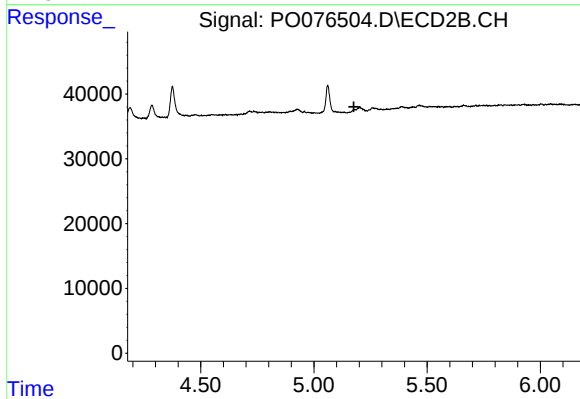
#14 AR-1232-4

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



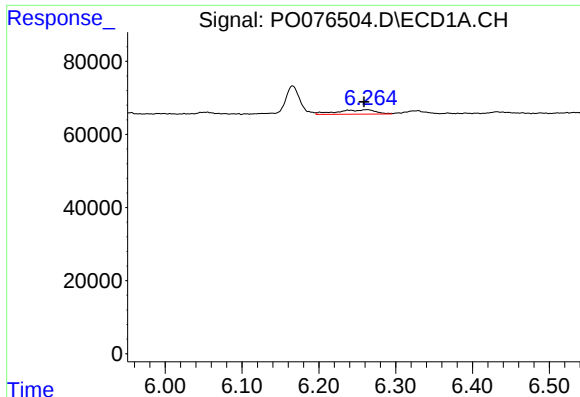
#16 AR-1242-1

R.T.: 6.262 min
Delta R.T.: 0.027 min
Response: 42315
Conc: 18.93 ng/ml



#16 AR-1242-1

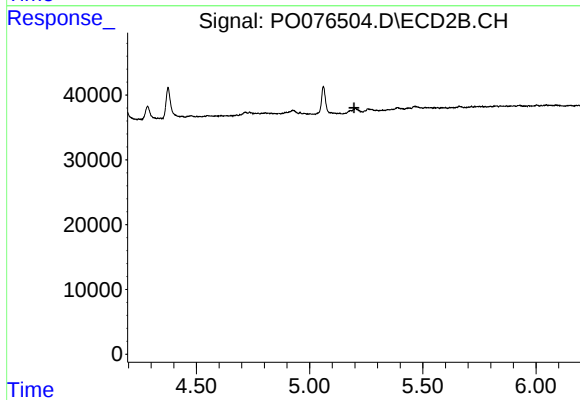
R.T.: 0.000 min
Exp R.T. : 5.176 min
Response: 0
Conc: N.D.



#17 AR-1242-2

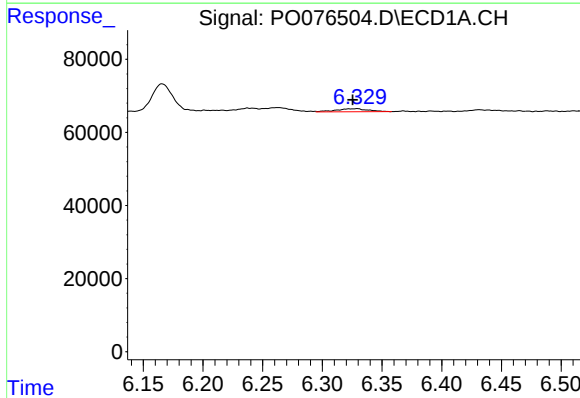
R.T.: 6.262 min
Delta R.T.: 0.004 min
Response: 42315
Conc: 12.45 ng/ml

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



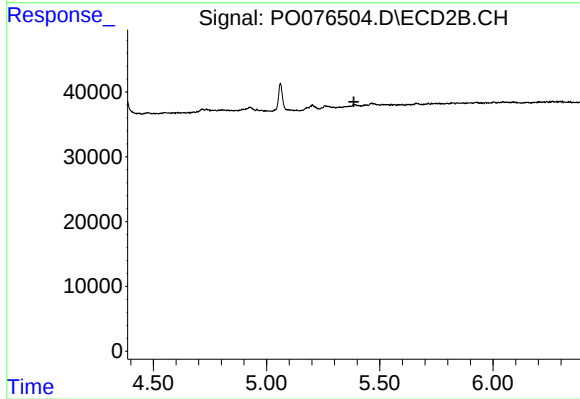
#17 AR-1242-2

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



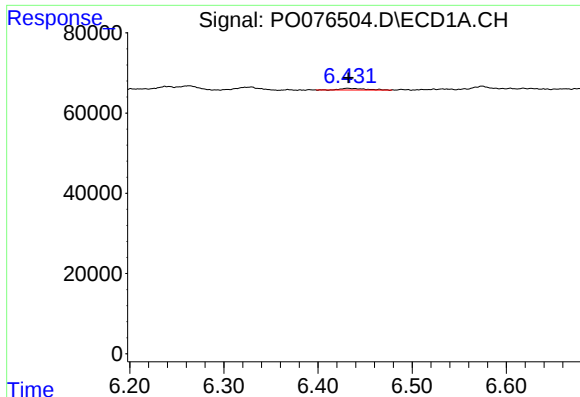
#18 AR-1242-3

R.T.: 6.327 min
Delta R.T.: 0.002 min
Response: 15980
Conc: 7.91 ng/ml



#18 AR-1242-3

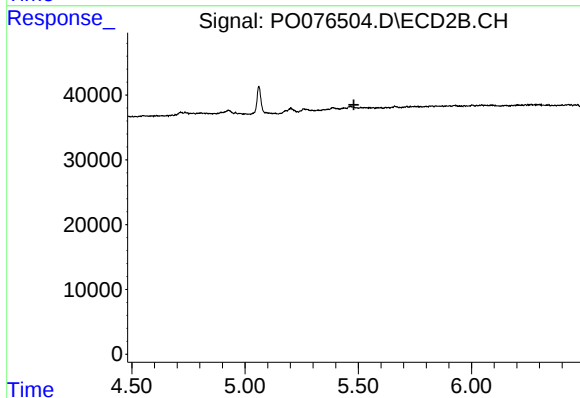
R.T.: 0.000 min
Exp R.T. : 5.386 min
Response: 0
Conc: N.D.



#19 AR-1242-4

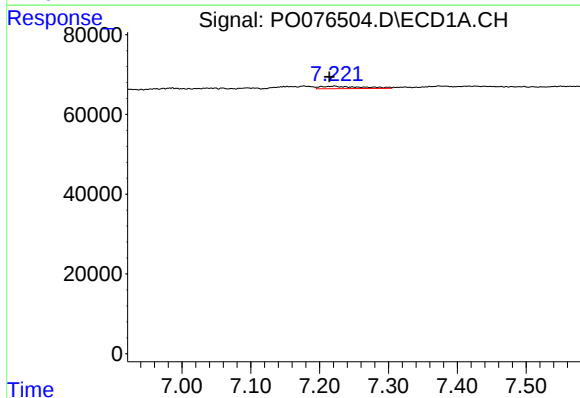
R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 7712
Conc: 4.79 ng/ml

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



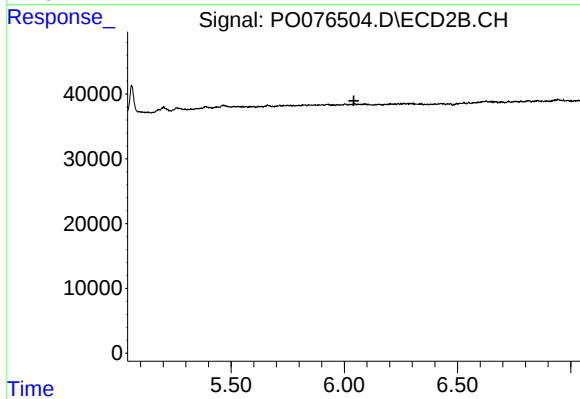
#19 AR-1242-4

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



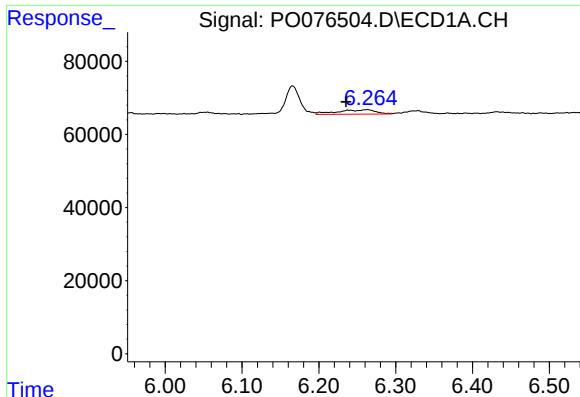
#20 AR-1242-5

R.T.: 7.221 min
Delta R.T.: 0.007 min
Response: 25810
Conc: 14.78 ng/ml



#20 AR-1242-5

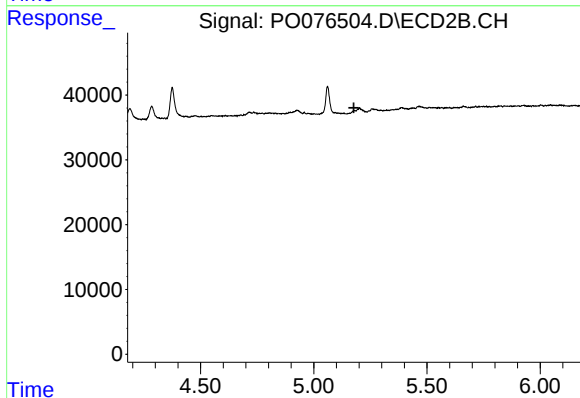
R.T.: 0.000 min
Exp R.T. : 6.042 min
Response: 0
Conc: N.D.



#21 AR-1248-1

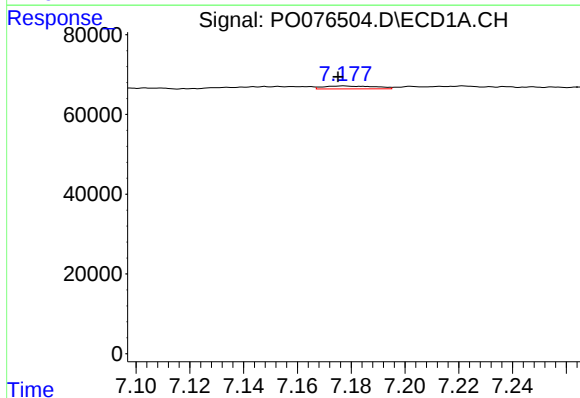
R.T.: 6.262 min
Delta R.T.: 0.027 min
Response: 42315
Conc: 25.56 ng/ml

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



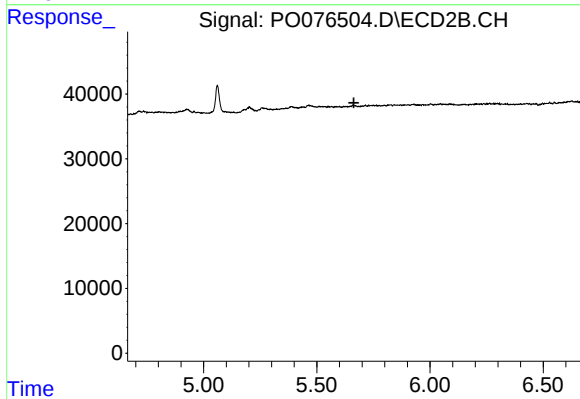
#21 AR-1248-1

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



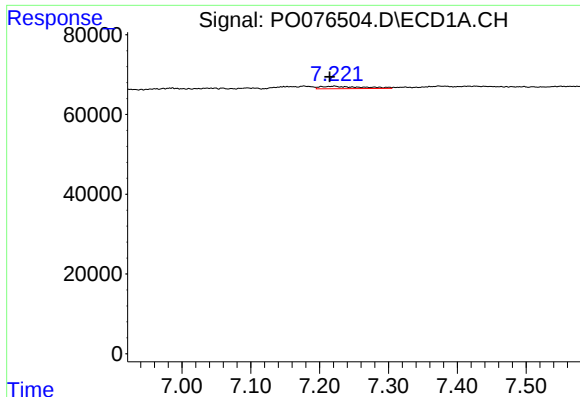
#24 AR-1248-4

R.T.: 7.178 min
Delta R.T.: 0.002 min
Response: 9711
Conc: 3.11 ng/ml



#24 AR-1248-4

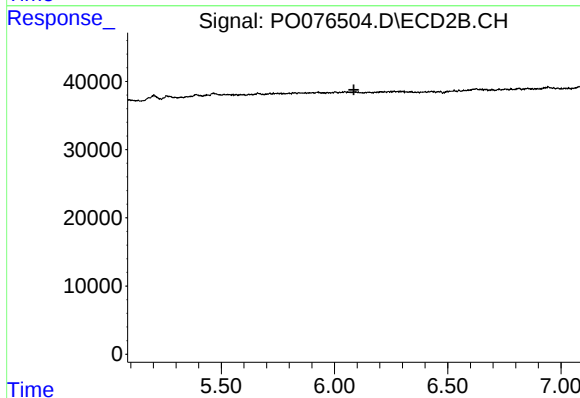
R.T.: 0.000 min
Exp R.T. : 5.664 min
Response: 0
Conc: N.D.



#25 AR-1248-5

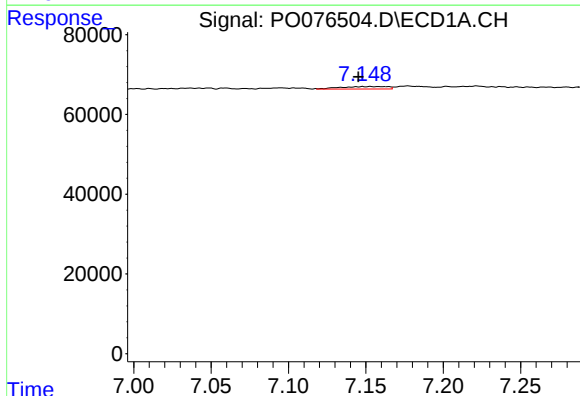
R.T.: 7.221 min
Delta R.T.: 0.006 min
Response: 25810
Conc: 8.29 ng/ml

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



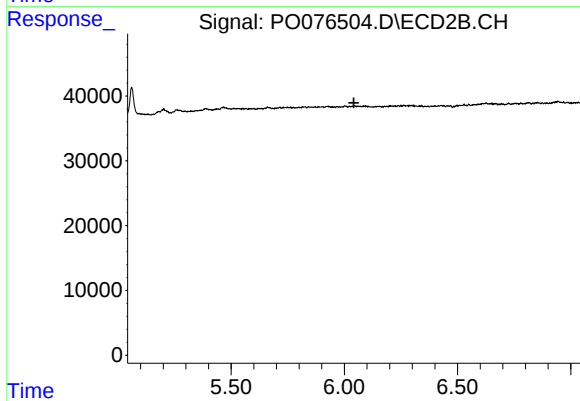
#25 AR-1248-5

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



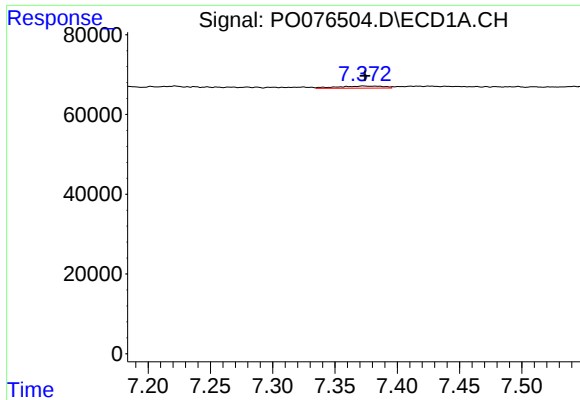
#26 AR-1254-1

R.T.: 7.152 min
Delta R.T.: 0.007 min
Response: 12873
Conc: 3.88 ng/ml



#26 AR-1254-1

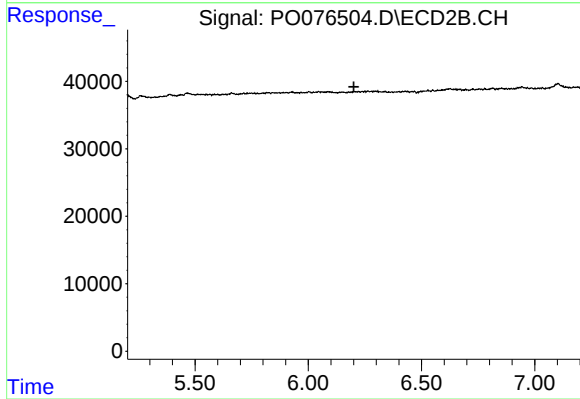
R.T.: 0.000 min
Exp R.T. : 6.042 min
Response: 0
Conc: N.D.



#27 AR-1254-2

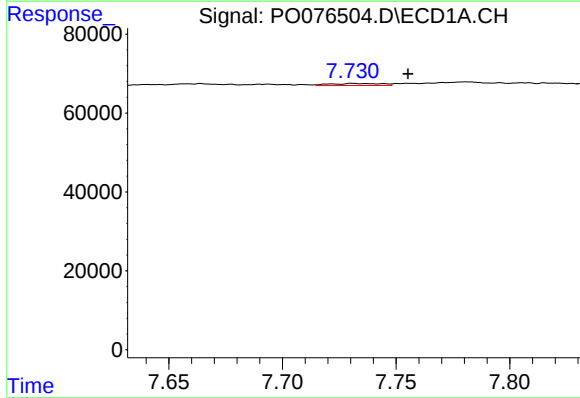
R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 13256
Conc: 2.58 ng/ml

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



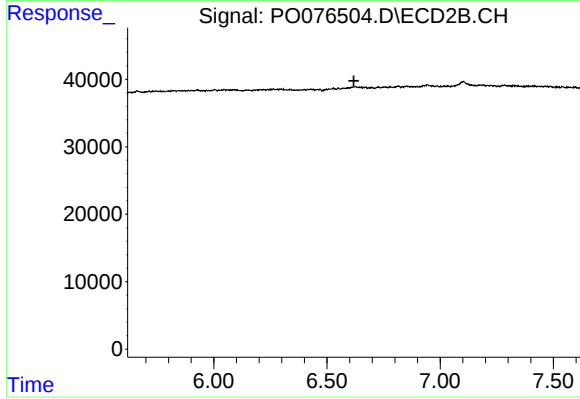
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.201 min
Response: 0
Conc: N.D.



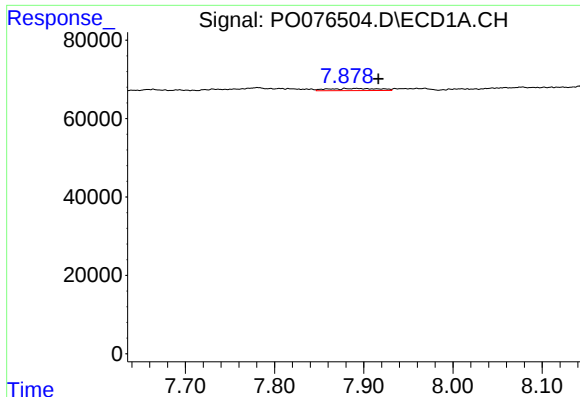
#28 AR-1254-3

R.T.: 7.732 min
Delta R.T.: -0.023 min
Response: 8541
Conc: 1.61 ng/ml



#28 AR-1254-3

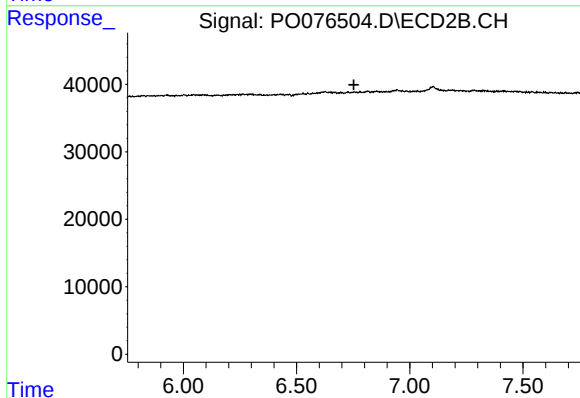
R.T.: 0.000 min
Exp R.T. : 6.619 min
Response: 0
Conc: N.D.



#31 AR-1260-1

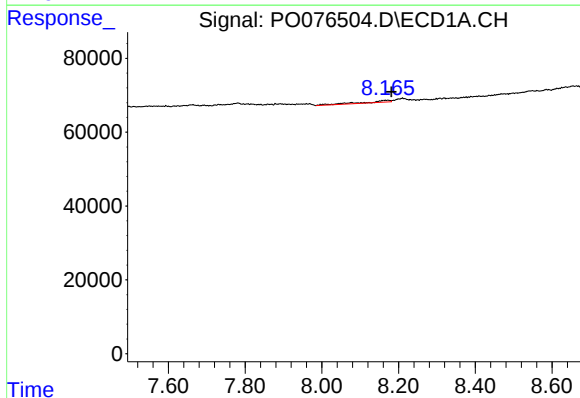
R.T.: 7.892 min
Delta R.T.: -0.025 min
Response: 21789
Conc: 6.34 ng/ml

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



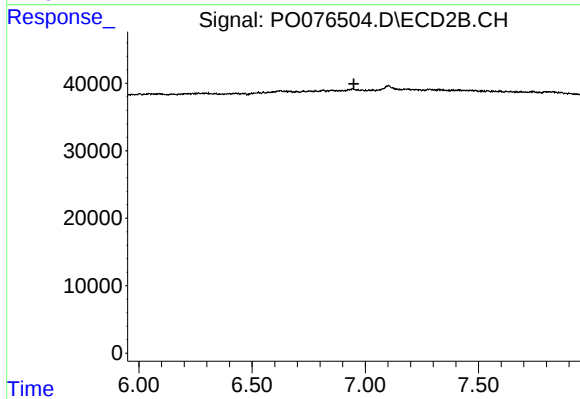
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.753 min
Response: 0
Conc: N.D.



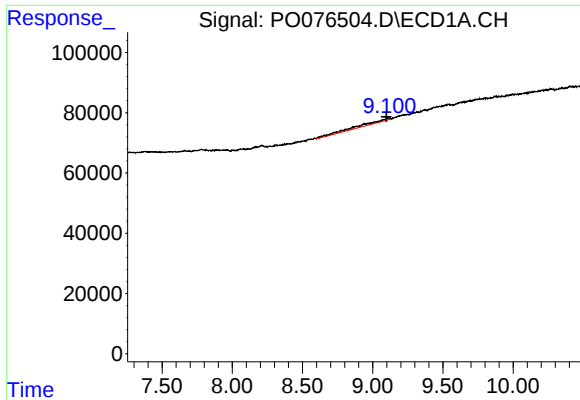
#32 AR-1260-2

R.T.: 8.172 min
Delta R.T.: -0.009 min
Response: 23277
Conc: 5.74 ng/ml



#32 AR-1260-2

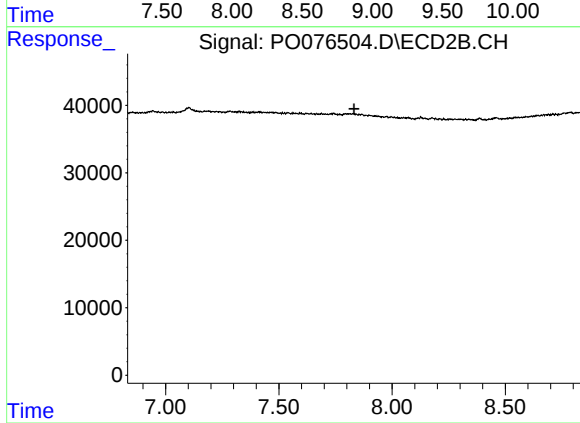
R.T.: 0.000 min
Exp R.T. : 6.950 min
Response: 0
Conc: N.D.



#35 AR-1260-5

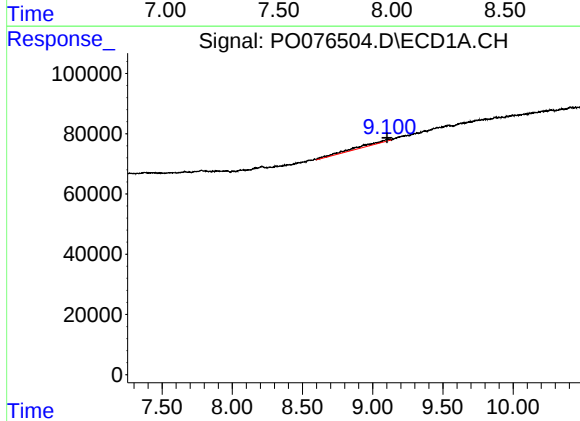
R.T.: 9.111 min
Delta R.T.: 0.013 min
Response: 140149
Conc: 20.74 ng/ml

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



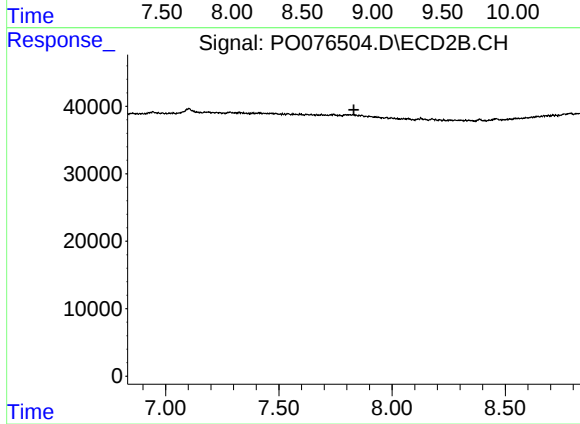
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.832 min
Response: 0
Conc: N.D.



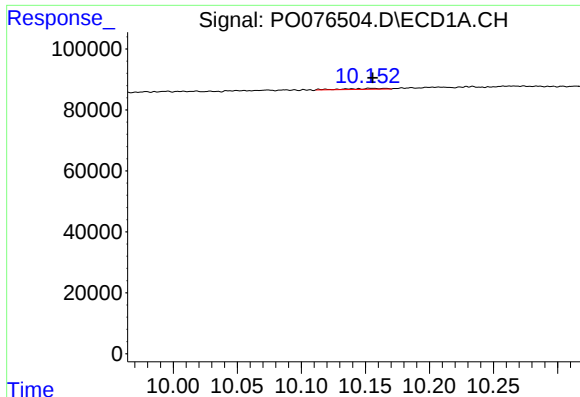
#37 AR-1262-2

R.T.: 9.111 min
Delta R.T.: 0.008 min
Response: 140149
Conc: 16.26 ng/ml



#37 AR-1262-2

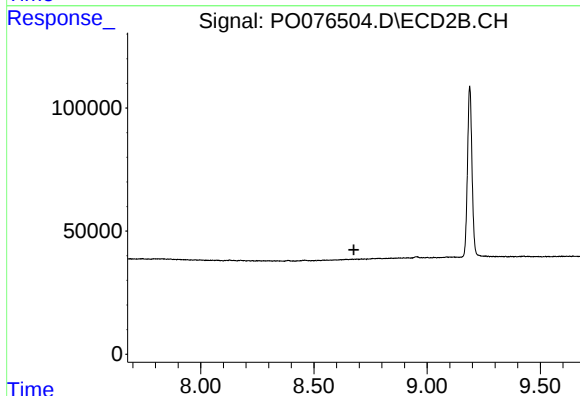
R.T.: 0.000 min
Exp R.T. : 7.832 min
Response: 0
Conc: N.D.



#40 AR-1262-5

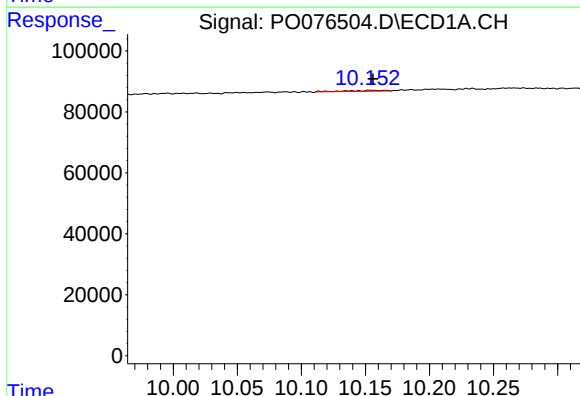
R.T.: 10.155 min
Delta R.T.: 0.000 min
Response: 5748
Conc: 1.98 ng/ml

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



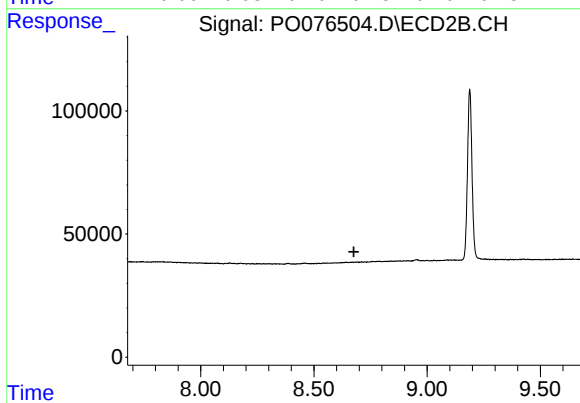
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.677 min
Response: 0
Conc: N.D.



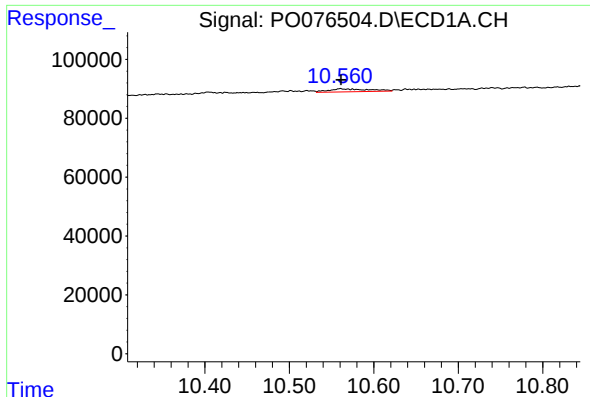
#44 AR-1268-4

R.T.: 10.155 min
Delta R.T.: 0.000 min
Response: 5748
Conc: 1.77 ng/ml



#44 AR-1268-4

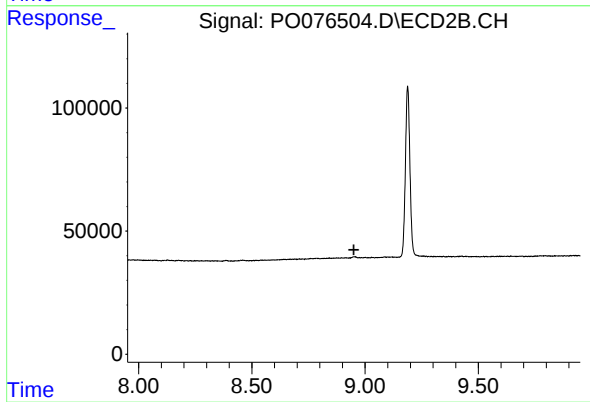
R.T.: 0.000 min
Exp R.T. : 8.676 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.561 min
Delta R.T.: 0.000 min
Response: 34429
Conc: 1.30 ng/ml

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



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.950 min
Response: 0
Conc: N.D.