

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032421\
 Data File : P0076505.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Mar 2021 6:19
 Operator : DD\AJ
 Sample : M1458-01
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 43 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 07:20:46 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	1881327	1122554	21.481	20.464
2)	SA Decachlor...	10.889	9.186	1418858	998631	21.797	21.193
Target Compounds							
3)	L1 AR-1016-1	6.237	5.179	67856	29560	25.108	17.948 #
4)	L1 AR-1016-2	6.261	5.197	95725	60108	23.286	20.712
5)	L1 AR-1016-3	6.326	5.387	64288	23444	26.644	17.558 #
6)	L1 AR-1016-4	6.433	5.437	43525	17077	22.457	15.213 #
7)	L1 AR-1016-5	6.747	5.664	39936	24849	20.504	18.046
8)	L2 AR-1221-1	5.164	0.000	27018	0	30.708	N.D. #
9)	L2 AR-1221-2	5.266	4.282	49812	19363	73.556	44.936 #
10)	L2 AR-1221-3	5.352	4.373	113734	47866	52.561	35.672 #
11)	L3 AR-1232-1	5.352	4.373	113734	47866	64.296	43.817 #
12)	L3 AR-1232-2	5.940	5.197	69612	60108	78.485	50.289 #
13)	L3 AR-1232-3	6.261	5.387	95725	23444	56.688	42.935
14)	L3 AR-1232-4	6.433	5.481	43525	20351	55.589	39.640 #
15)	L3 AR-1232-5	6.530	5.664	35556	24849	64.500	45.552 #
16)	L4 AR-1242-1	6.237	5.179	67856	29560	30.353	22.951
17)	L4 AR-1242-2	6.261	5.197	95725	60108	28.174	25.649
18)	L4 AR-1242-3	6.326	5.387	64288	23444	31.812	21.651 #
19)	L4 AR-1242-4	6.433	5.481	43525	20351	27.025	18.368 #
20)	L4 AR-1242-5	7.215	6.043	56959	28055	32.610	21.151 #
21)	L5 AR-1248-1	6.237	5.179	67856	29560	40.993	29.494 #
22)	L5 AR-1248-2	6.530	5.437	35556	17077	14.566	10.488 #
23)	L5 AR-1248-3	6.747	5.481	39936	20351	13.940	12.329
24)	L5 AR-1248-4	7.176	5.664	45487	24849	14.567	12.781
25)	L5 AR-1248-5	7.215	6.086	56959	22510	18.292	12.148 #
26)	L6 AR-1254-1	7.145	6.043	33171	28055	9.987	9.472
27)	L6 AR-1254-2	7.380	0.000	39463	0	7.667	N.D. #
28)	L6 AR-1254-3	7.755	0.000	28365	0	5.333	N.D. #
29)	L6 AR-1254-4	8.051	0.000	7481	0	2.074	N.D. #
30)	L6 AR-1254-5	8.481	0.000	5543	0	1.414	N.D. #
31)	L7 AR-1260-1	7.887f	0.000	16969	0	4.938	N.D. #
32)	L7 AR-1260-2	8.205f	0.000	21864	0	5.392	N.D. #
35)	L7 AR-1260-5	9.103	0.000	77515	0	11.470	N.D. #
37)	L8 AR-1262-2	9.103	0.000	77515	0	8.995	N.D. #
40)	L8 AR-1262-5	10.164	0.000	2681	0	0.923	N.D. #
43)	L9 AR-1268-3	9.731	0.000	24618	0	2.964	N.D. #
44)	L9 AR-1268-4	10.164	0.000	2681	0	0.825	N.D. #
45)	L9 AR-1268-5	10.557	0.000	48042	0	1.815	N.D. #

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

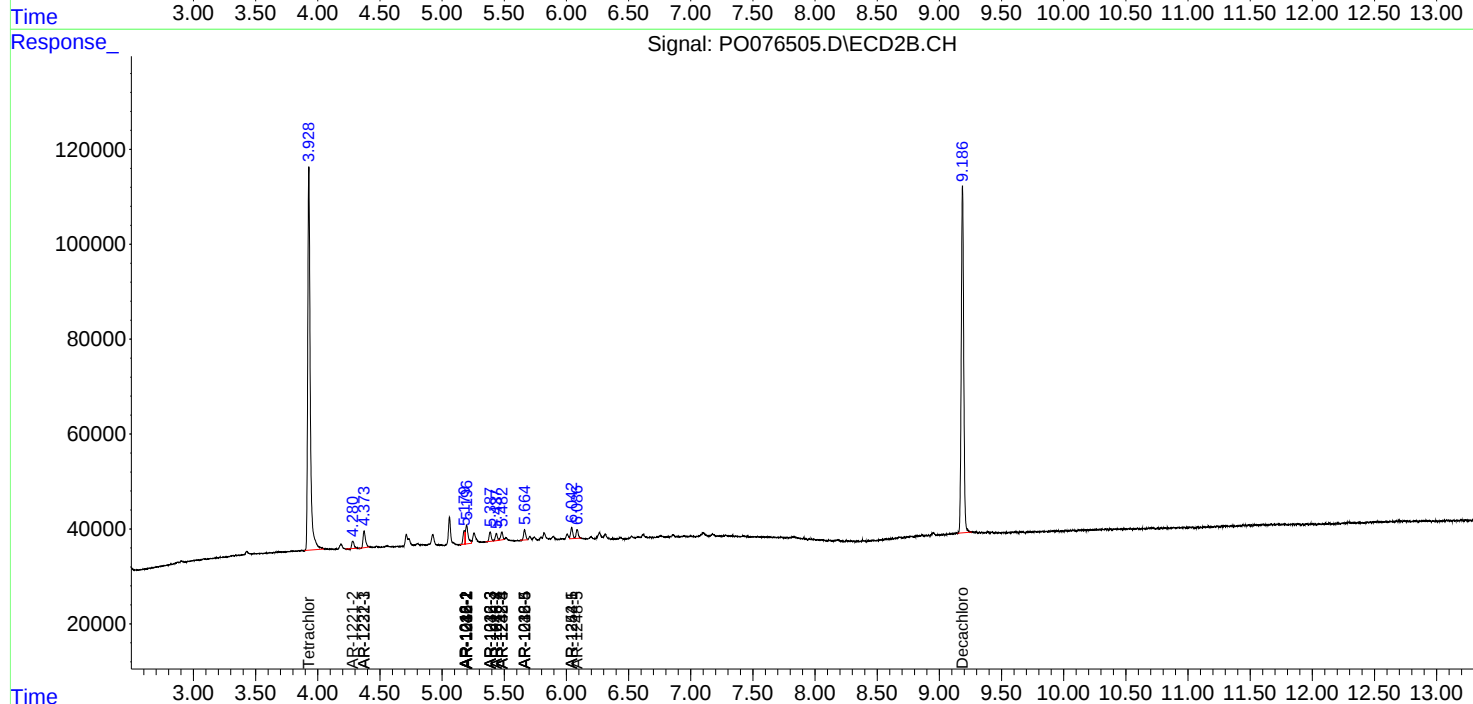
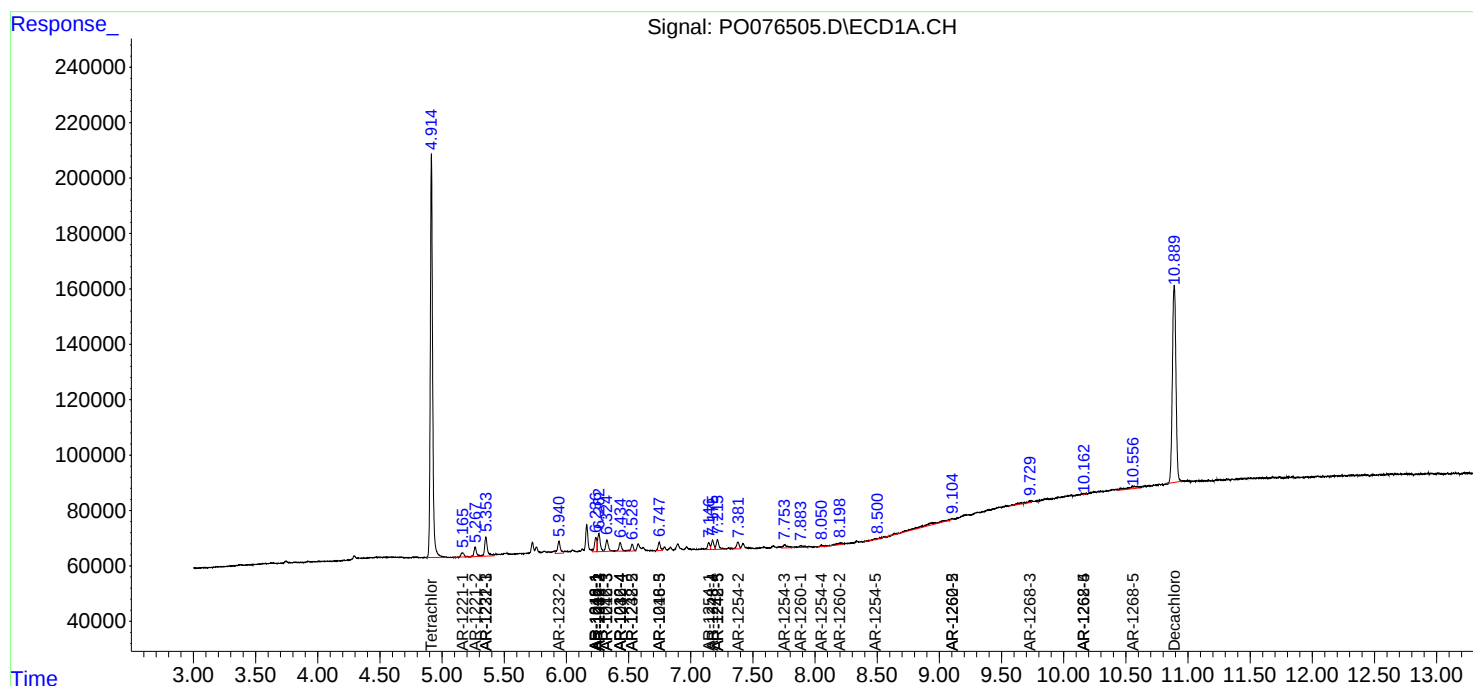
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

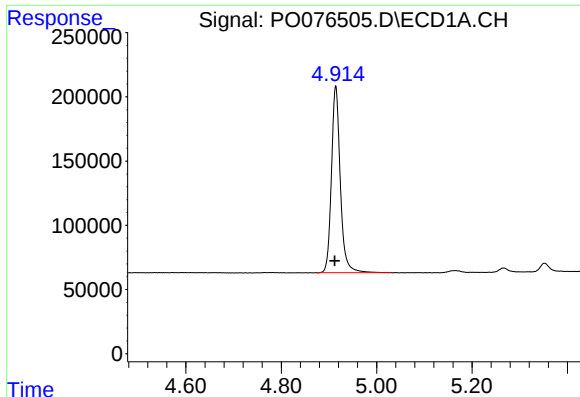
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO032421\
Data File : PO076505.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 Mar 2021 6:19
Operator : DD\AJ
Sample : M1458-01
Misc : AR1232 LOD 40 PPB
ALS Vial : 43 Sample Multiplier: 1

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 07:20:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO032421.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

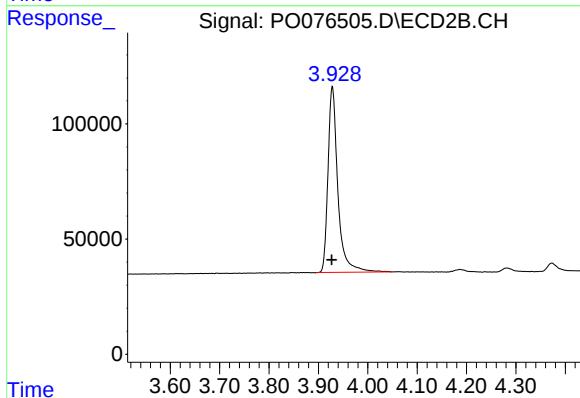




#1 Tetrachloro-m-xylene

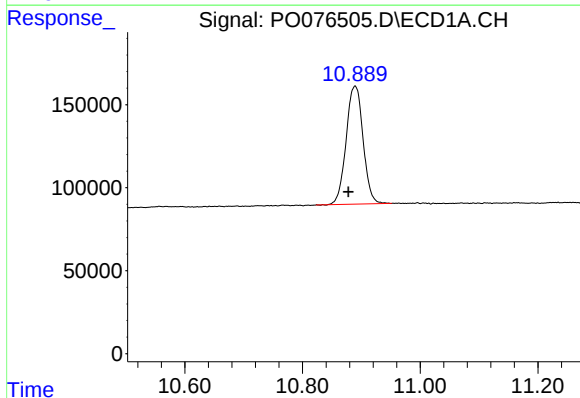
R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 1881327
Conc: 21.48 ng/ml

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



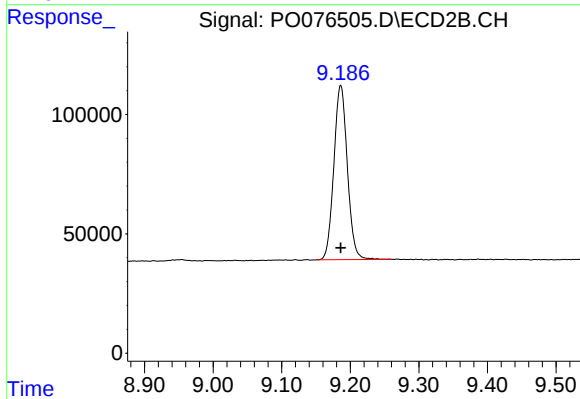
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 1122554
Conc: 20.46 ng/ml



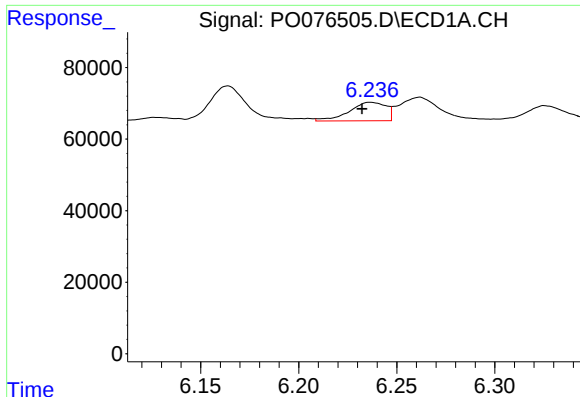
#2 Decachlorobiphenyl

R.T.: 10.889 min
Delta R.T.: 0.011 min
Response: 1418858
Conc: 21.80 ng/ml



#2 Decachlorobiphenyl

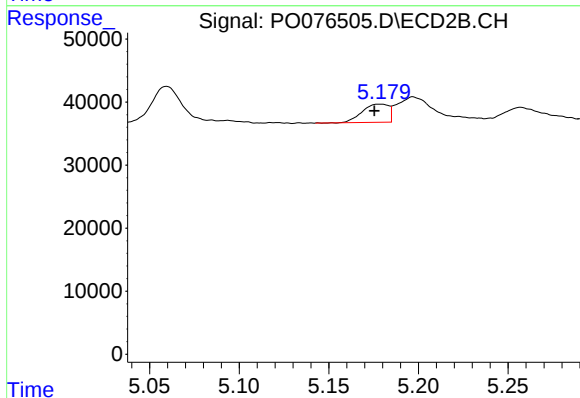
R.T.: 9.186 min
Delta R.T.: 0.000 min
Response: 998631
Conc: 21.19 ng/ml



#3 AR-1016-1

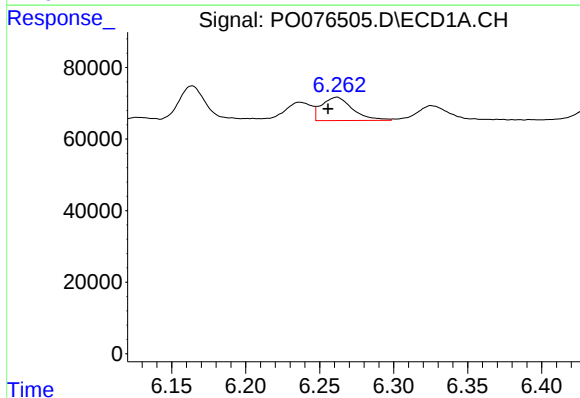
R.T.: 6.237 min
Delta R.T.: 0.005 min
Response: 67856
Conc: 25.11 ng/ml

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



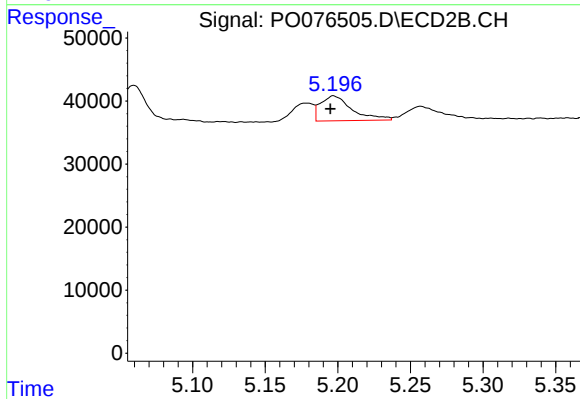
#3 AR-1016-1

R.T.: 5.179 min
Delta R.T.: 0.003 min
Response: 29560
Conc: 17.95 ng/ml



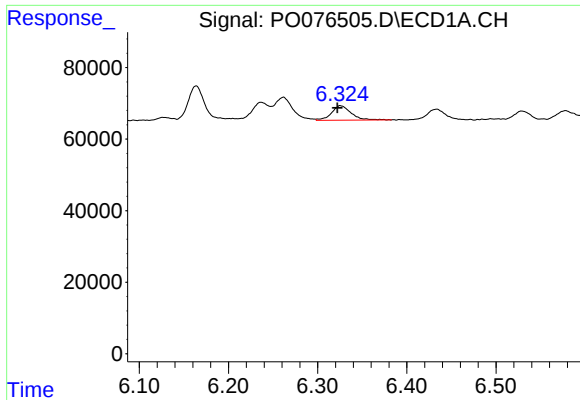
#4 AR-1016-2

R.T.: 6.261 min
Delta R.T.: 0.006 min
Response: 95725
Conc: 23.29 ng/ml



#4 AR-1016-2

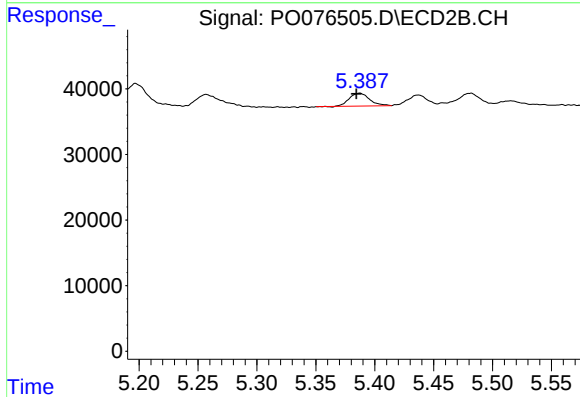
R.T.: 5.197 min
Delta R.T.: 0.002 min
Response: 60108
Conc: 20.71 ng/ml



#5 AR-1016-3

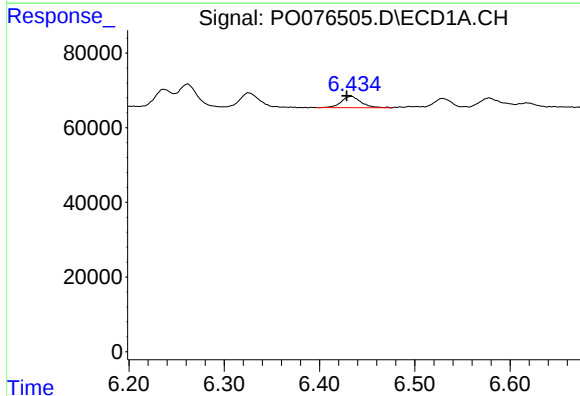
R.T.: 6.326 min
Delta R.T.: 0.004 min
Response: 64288
Conc: 26.64 ng/ml

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



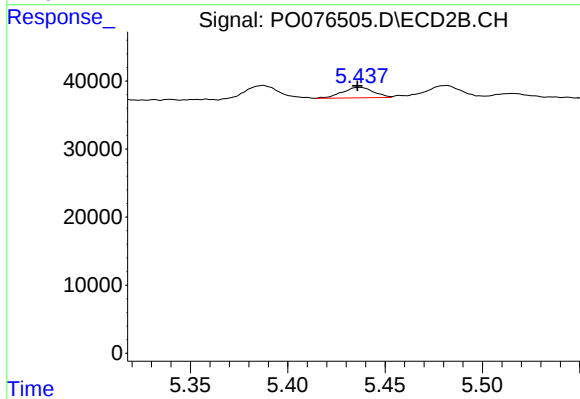
#5 AR-1016-3

R.T.: 5.387 min
Delta R.T.: 0.003 min
Response: 23444
Conc: 17.56 ng/ml



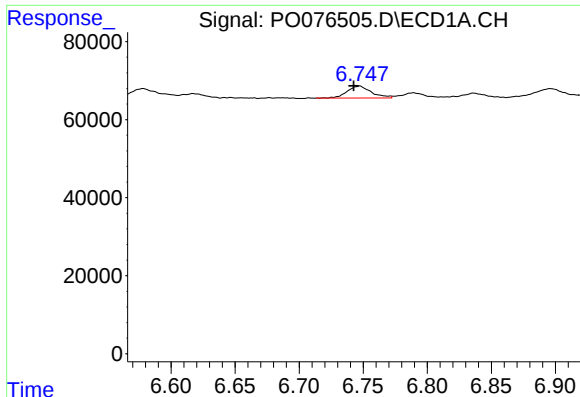
#6 AR-1016-4

R.T.: 6.433 min
Delta R.T.: 0.004 min
Response: 43525
Conc: 22.46 ng/ml



#6 AR-1016-4

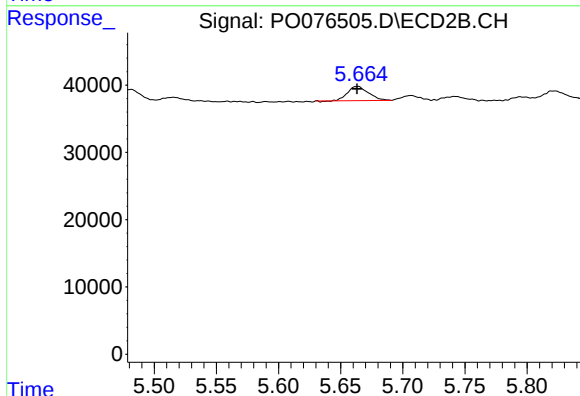
R.T.: 5.437 min
Delta R.T.: 0.001 min
Response: 17077
Conc: 15.21 ng/ml



#7 AR-1016-5

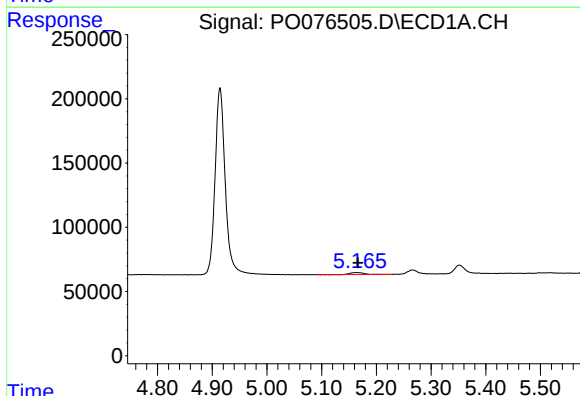
R.T.: 6.747 min
Delta R.T.: 0.004 min
Response: 39936
Conc: 20.50 ng/ml

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



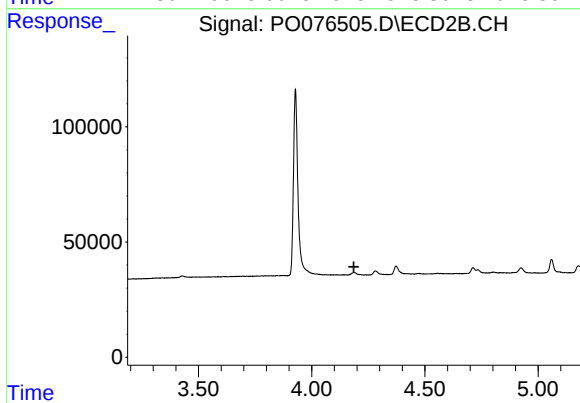
#7 AR-1016-5

R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 24849
Conc: 18.05 ng/ml



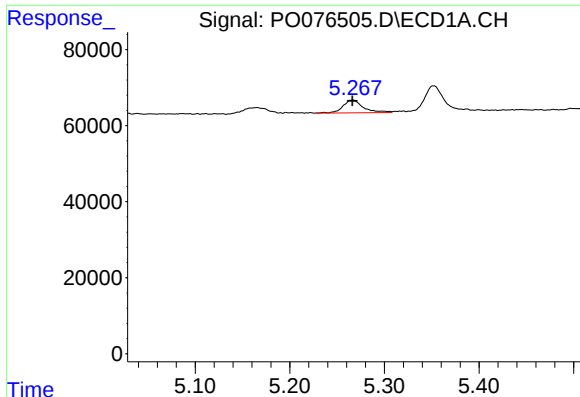
#8 AR-1221-1

R.T.: 5.164 min
Delta R.T.: -0.002 min
Response: 27018
Conc: 30.71 ng/ml



#8 AR-1221-1

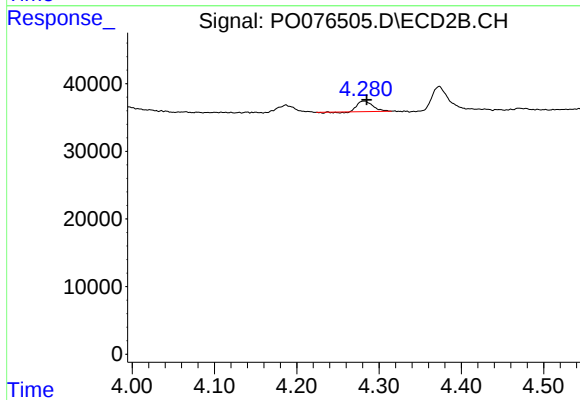
R.T.: 0.000 min
Exp R.T.: 4.187 min
Response: 0
Conc: N.D.



#9 AR-1221-2

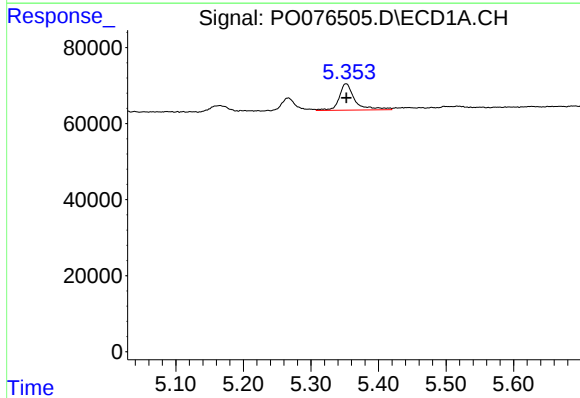
R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 49812
Conc: 73.56 ng/ml

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



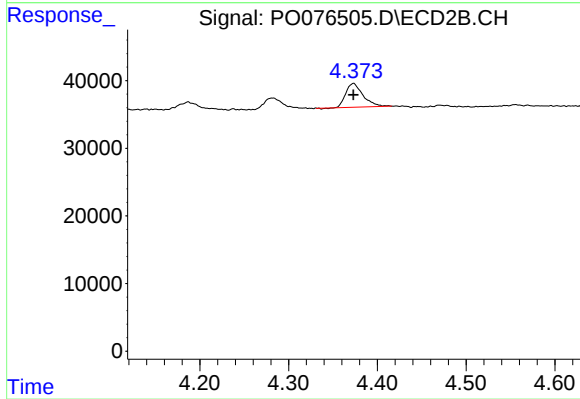
#9 AR-1221-2

R.T.: 4.282 min
Delta R.T.: -0.003 min
Response: 19363
Conc: 44.94 ng/ml



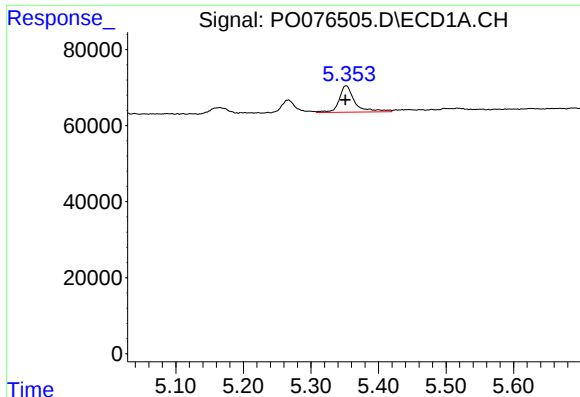
#10 AR-1221-3

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 113734
Conc: 52.56 ng/ml



#10 AR-1221-3

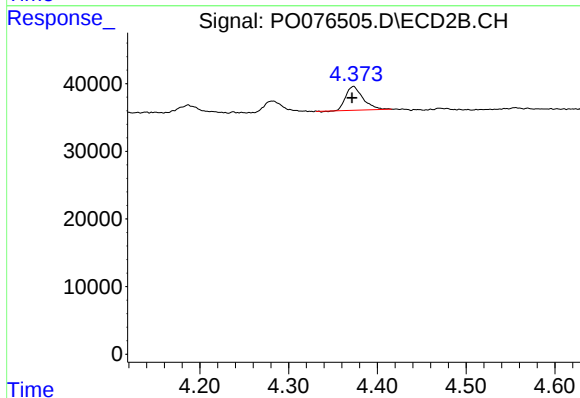
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 47866
Conc: 35.67 ng/ml



#11 AR-1232-1

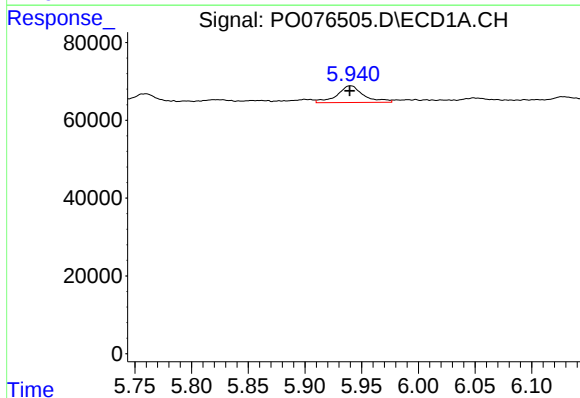
R.T.: 5.352 min
Delta R.T.: 0.001 min
Response: 113734
Conc: 64.30 ng/ml

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



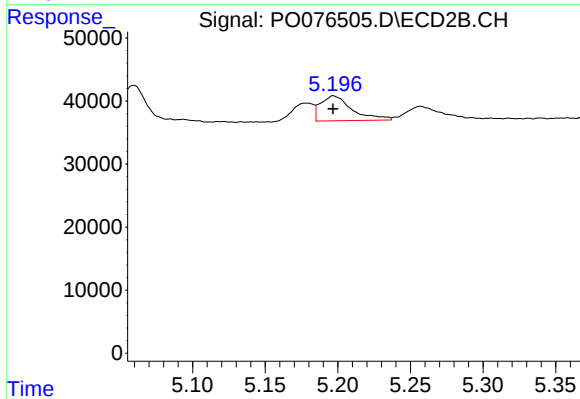
#11 AR-1232-1

R.T.: 4.373 min
Delta R.T.: 0.002 min
Response: 47866
Conc: 43.82 ng/ml



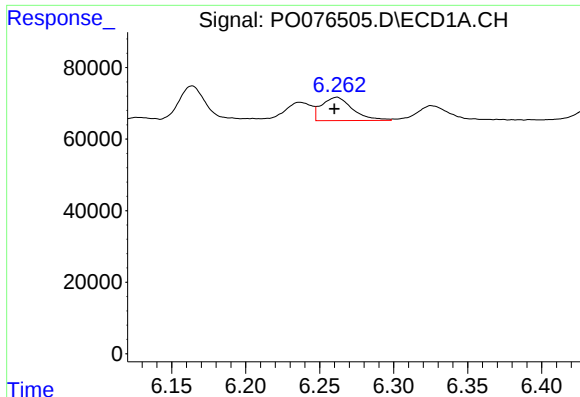
#12 AR-1232-2

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 69612
Conc: 78.48 ng/ml



#12 AR-1232-2

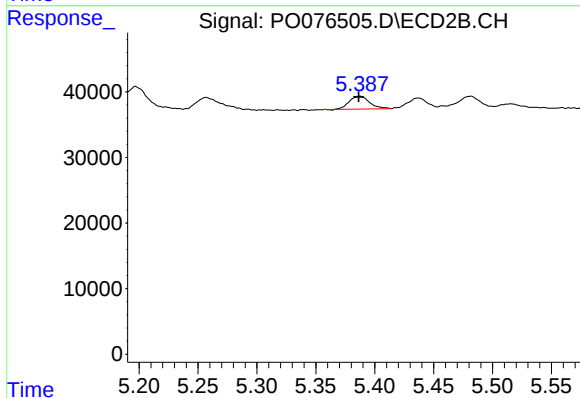
R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 60108
Conc: 50.29 ng/ml



#13 AR-1232-3

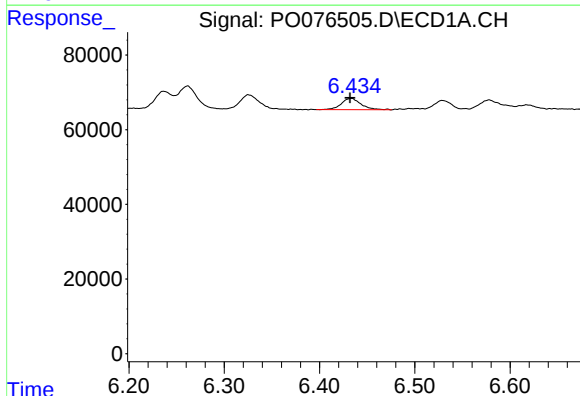
R.T.: 6.261 min
Delta R.T.: 0.001 min
Response: 95725
Conc: 56.69 ng/ml

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



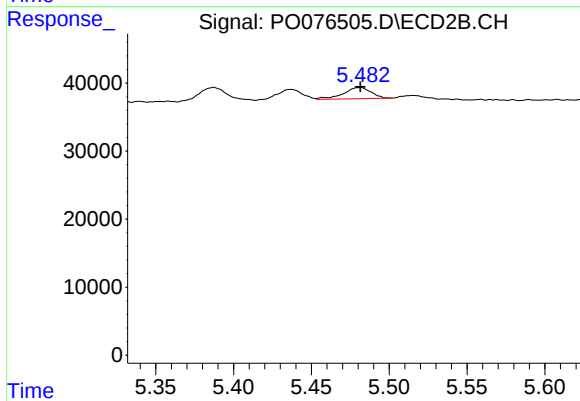
#13 AR-1232-3

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 23444
Conc: 42.94 ng/ml



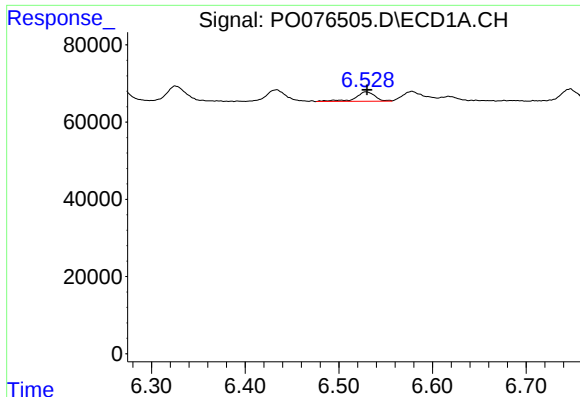
#14 AR-1232-4

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 43525
Conc: 55.59 ng/ml



#14 AR-1232-4

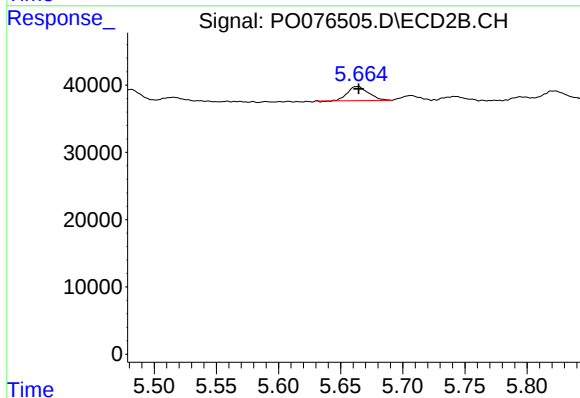
R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 20351
Conc: 39.64 ng/ml



#15 AR-1232-5

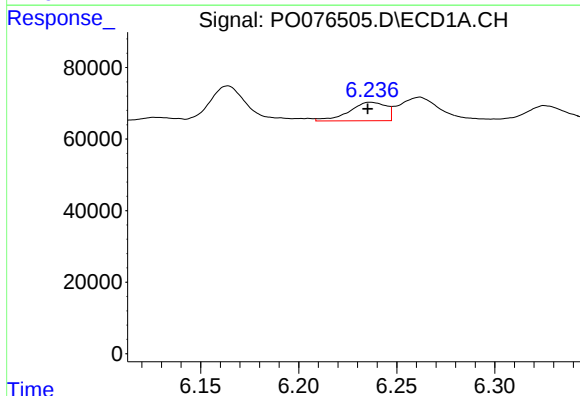
R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 35556
Conc: 64.50 ng/ml

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



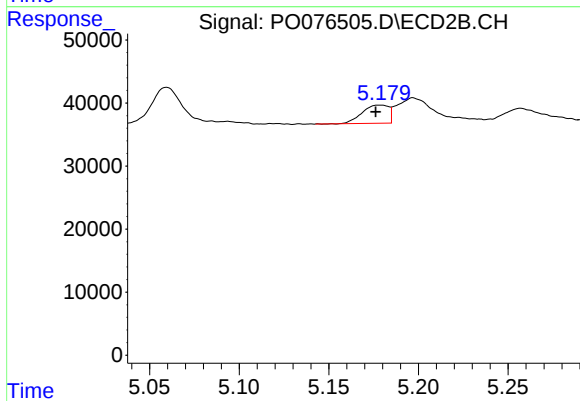
#15 AR-1232-5

R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 24849
Conc: 45.55 ng/ml



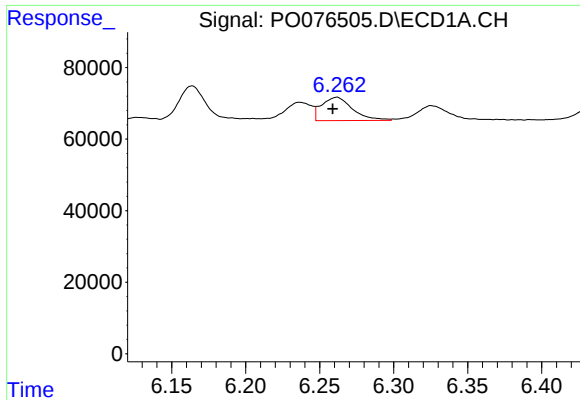
#16 AR-1242-1

R.T.: 6.237 min
Delta R.T.: 0.002 min
Response: 67856
Conc: 30.35 ng/ml



#16 AR-1242-1

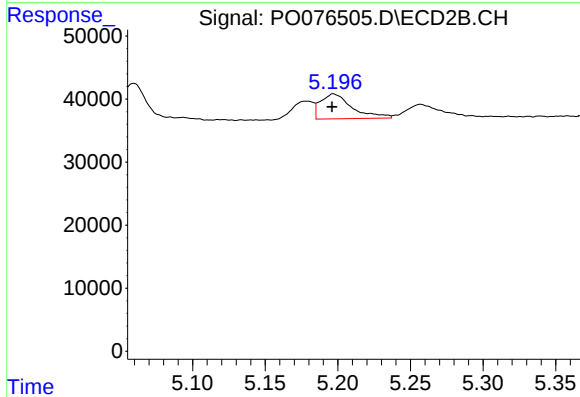
R.T.: 5.179 min
Delta R.T.: 0.002 min
Response: 29560
Conc: 22.95 ng/ml



#17 AR-1242-2

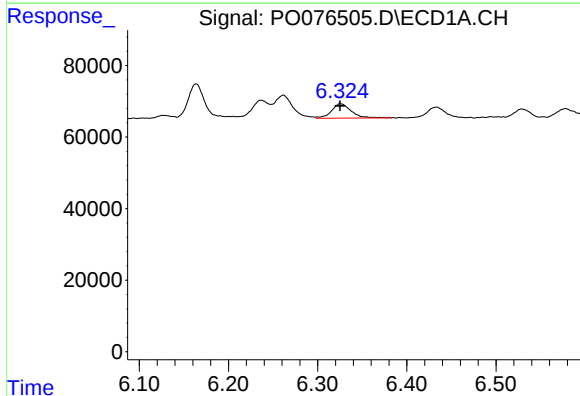
R.T.: 6.261 min
Delta R.T.: 0.003 min
Response: 95725
Conc: 28.17 ng/ml

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



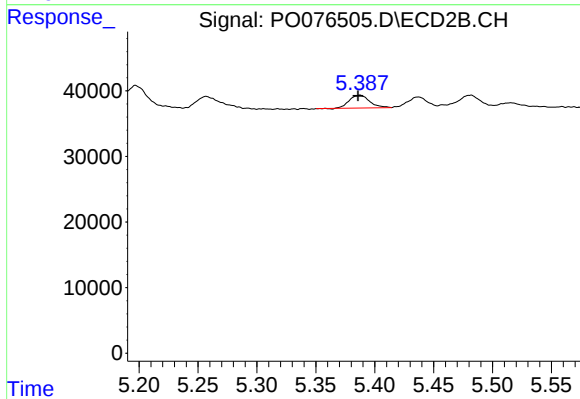
#17 AR-1242-2

R.T.: 5.197 min
Delta R.T.: 0.001 min
Response: 60108
Conc: 25.65 ng/ml



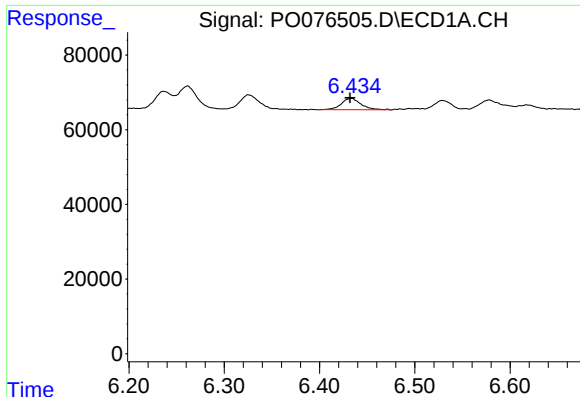
#18 AR-1242-3

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 64288
Conc: 31.81 ng/ml



#18 AR-1242-3

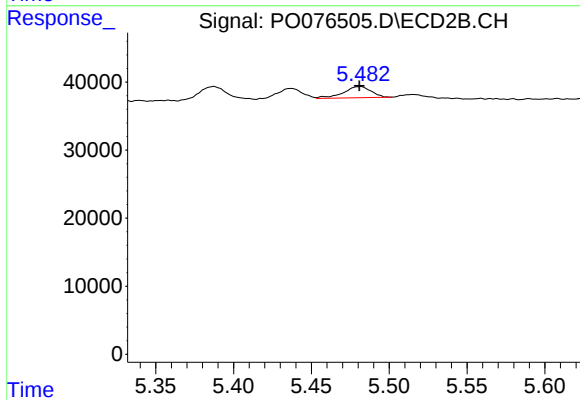
R.T.: 5.387 min
Delta R.T.: 0.001 min
Response: 23444
Conc: 21.65 ng/ml



#19 AR-1242-4

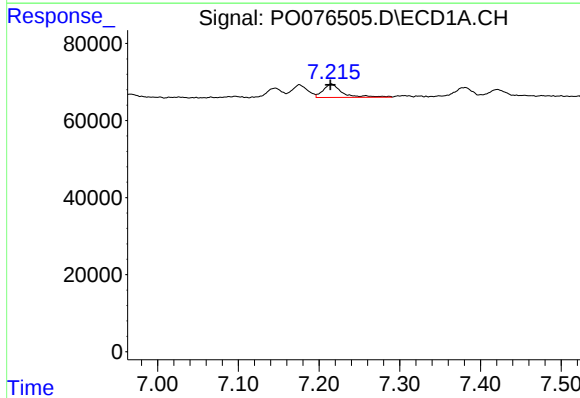
R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 43525
Conc: 27.02 ng/ml

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



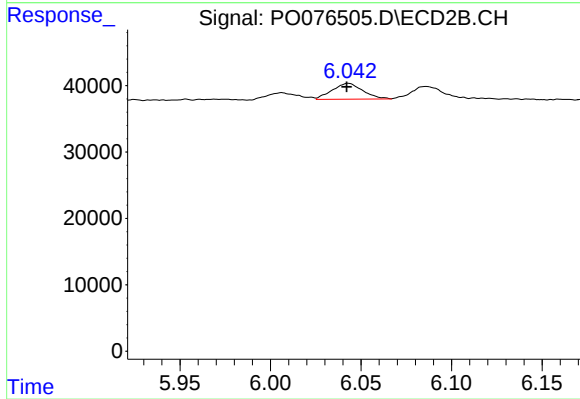
#19 AR-1242-4

R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 20351
Conc: 18.37 ng/ml



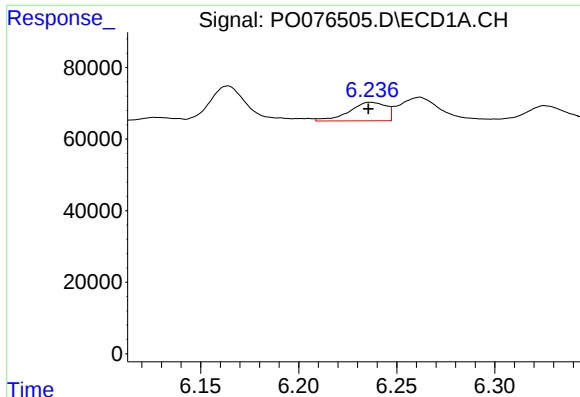
#20 AR-1242-5

R.T.: 7.215 min
Delta R.T.: 0.001 min
Response: 56959
Conc: 32.61 ng/ml



#20 AR-1242-5

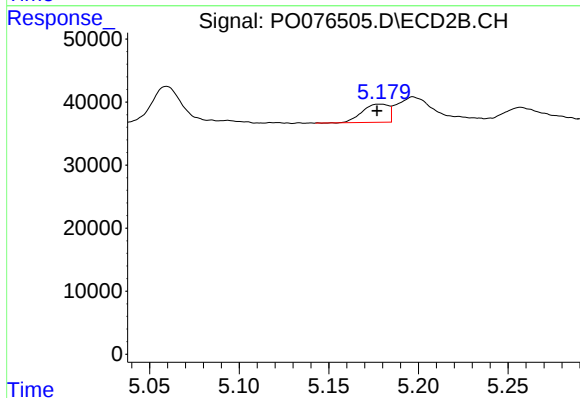
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 28055
Conc: 21.15 ng/ml



#21 AR-1248-1

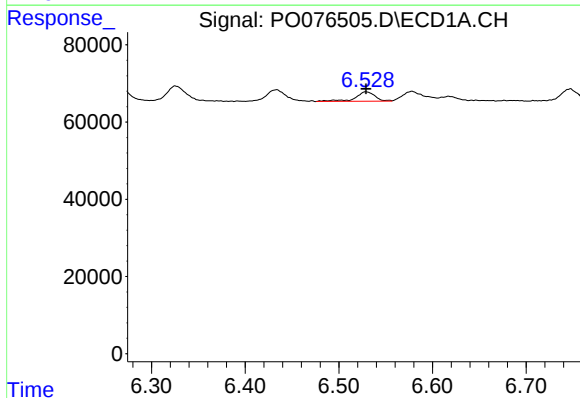
R.T.: 6.237 min
Delta R.T.: 0.002 min
Response: 67856
Conc: 40.99 ng/ml

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



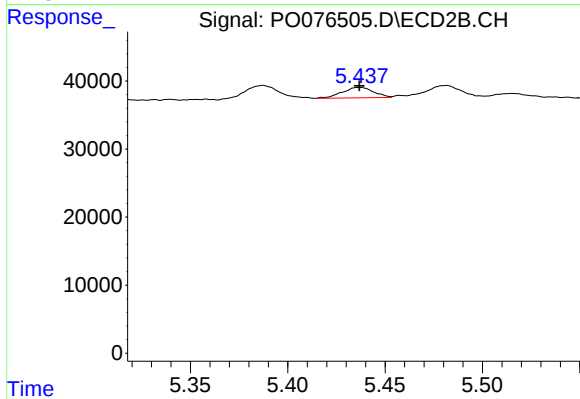
#21 AR-1248-1

R.T.: 5.179 min
Delta R.T.: 0.002 min
Response: 29560
Conc: 29.49 ng/ml



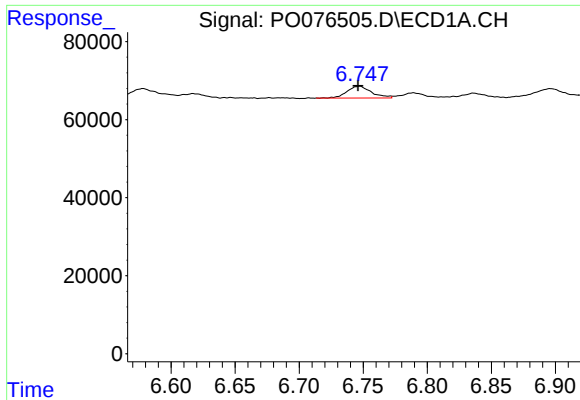
#22 AR-1248-2

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 35556
Conc: 14.57 ng/ml



#22 AR-1248-2

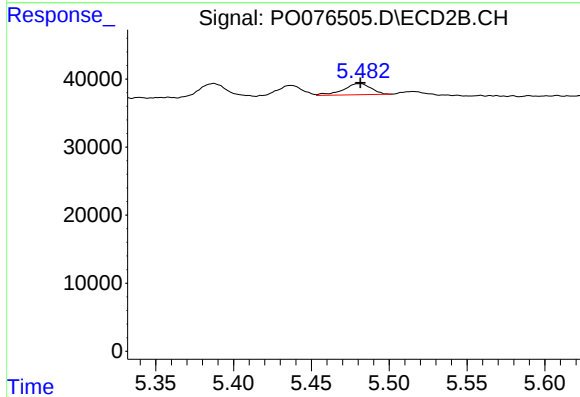
R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 17077
Conc: 10.49 ng/ml



#23 AR-1248-3

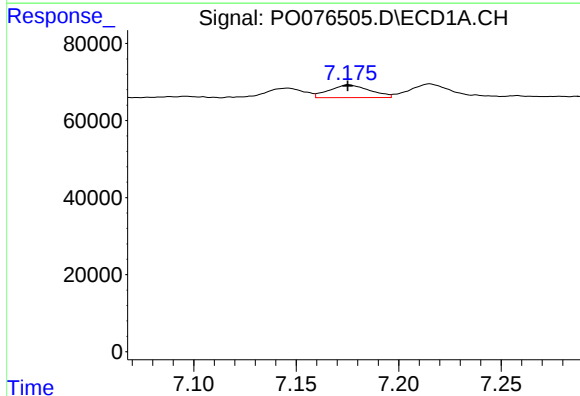
R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 39936
Conc: 13.94 ng/ml

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



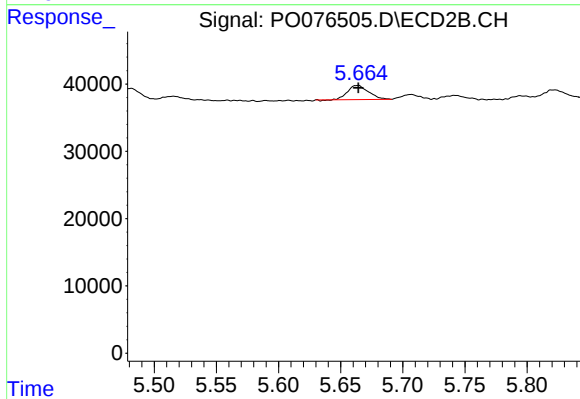
#23 AR-1248-3

R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 20351
Conc: 12.33 ng/ml



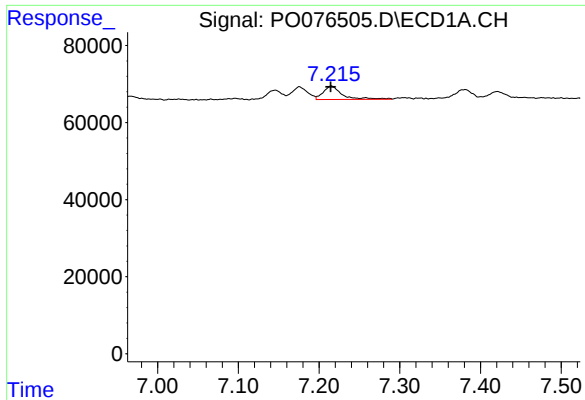
#24 AR-1248-4

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 45487
Conc: 14.57 ng/ml



#24 AR-1248-4

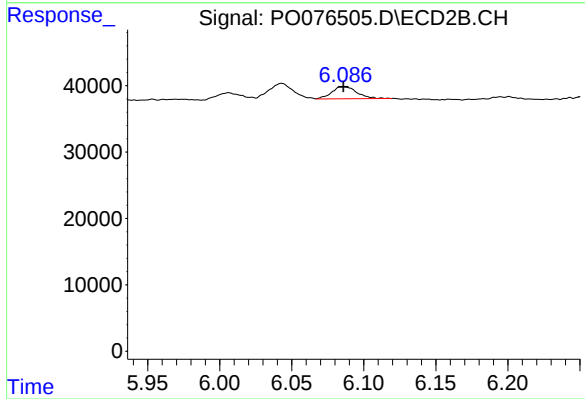
R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 24849
Conc: 12.78 ng/ml



#25 AR-1248-5

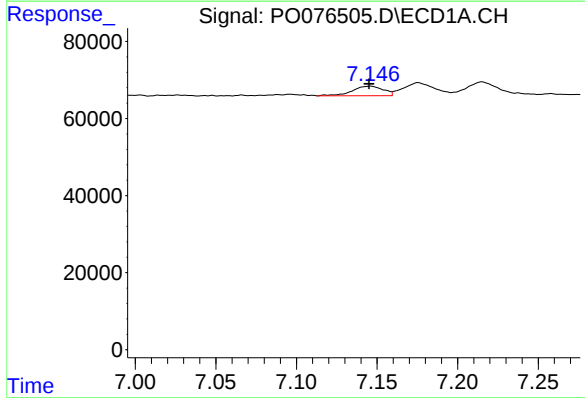
R.T.: 7.215 min
Delta R.T.: 0.000 min
Response: 56959
Conc: 18.29 ng/ml

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



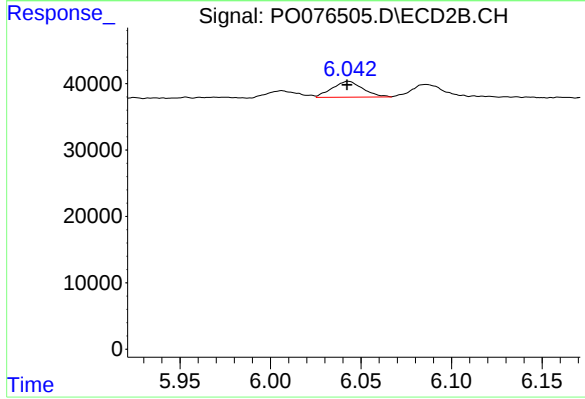
#25 AR-1248-5

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 22510
Conc: 12.15 ng/ml



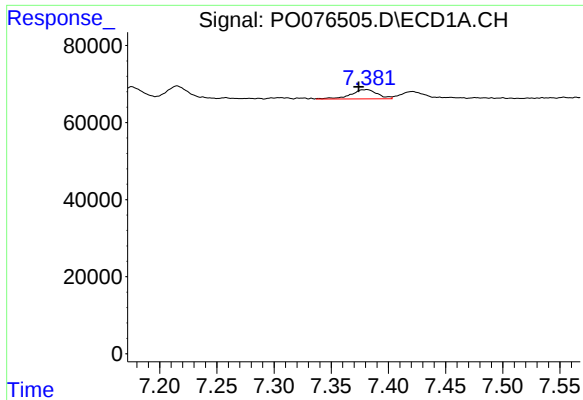
#26 AR-1254-1

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 33171
Conc: 9.99 ng/ml



#26 AR-1254-1

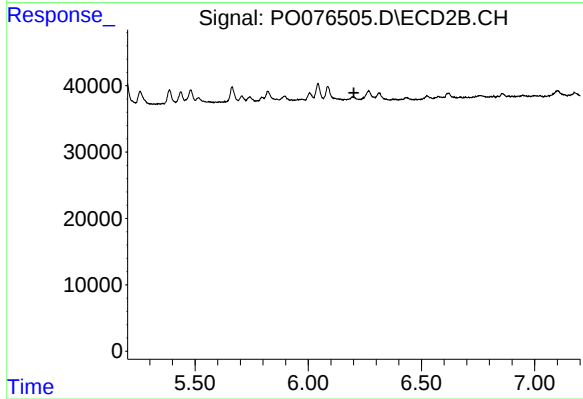
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 28055
Conc: 9.47 ng/ml



#27 AR-1254-2

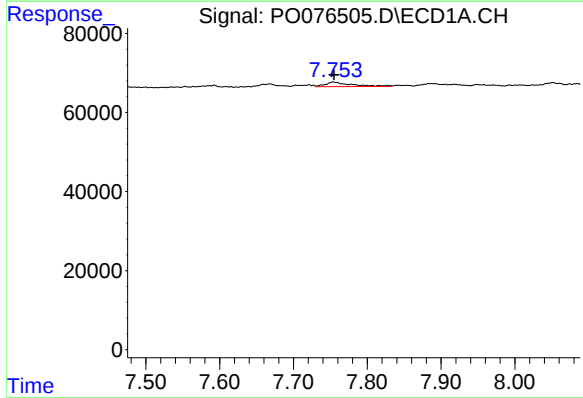
R.T.: 7.380 min
Delta R.T.: 0.006 min
Response: 39463
Conc: 7.67 ng/ml

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



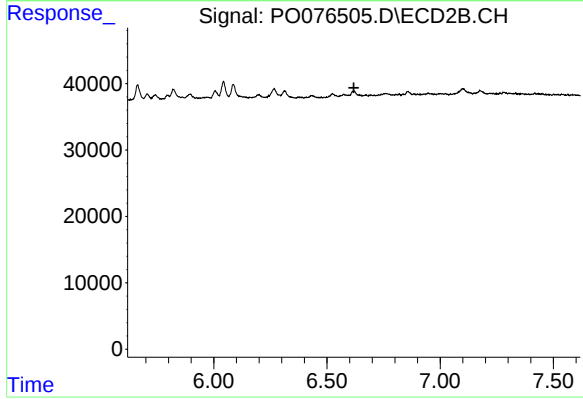
#27 AR-1254-2

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



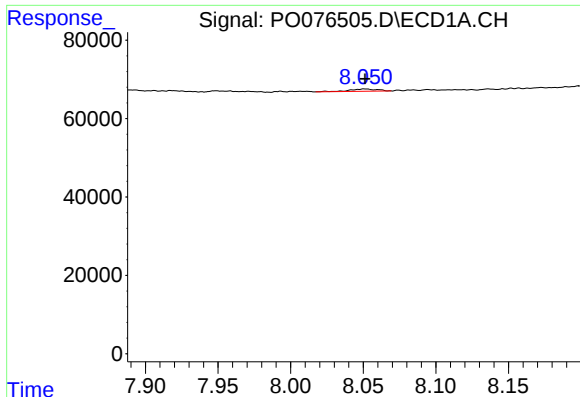
#28 AR-1254-3

R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 28365
Conc: 5.33 ng/ml



#28 AR-1254-3

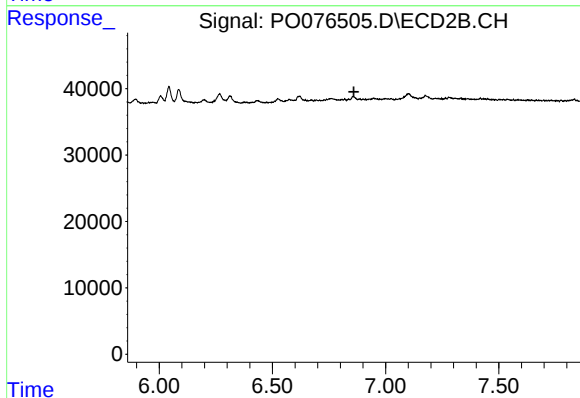
R.T.: 0.000 min
Exp R.T. : 6.619 min
Response: 0
Conc: N.D.



#29 AR-1254-4

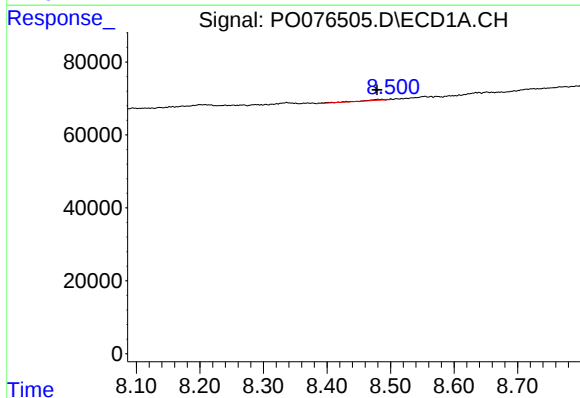
R.T.: 8.051 min
Delta R.T.: 0.000 min
Response: 7481
Conc: 2.07 ng/ml

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



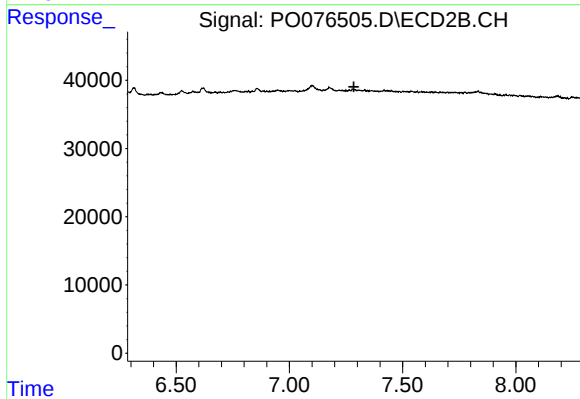
#29 AR-1254-4

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



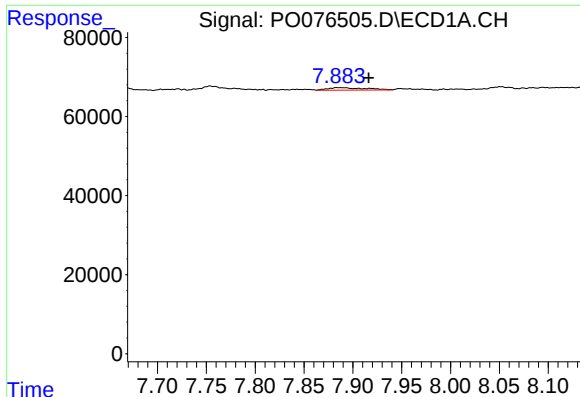
#30 AR-1254-5

R.T.: 8.481 min
Delta R.T.: 0.002 min
Response: 5543
Conc: 1.41 ng/ml



#30 AR-1254-5

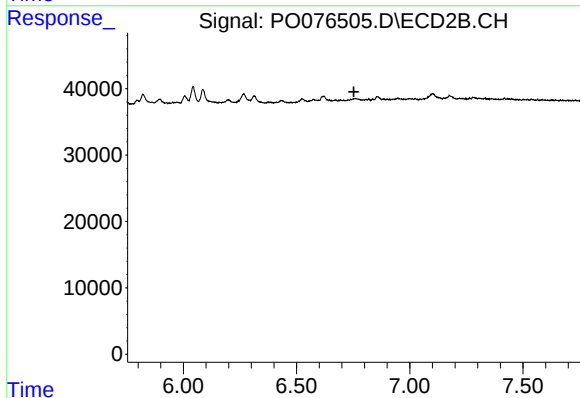
R.T.: 0.000 min
Exp R.T. : 7.285 min
Response: 0
Conc: N.D.



#31 AR-1260-1

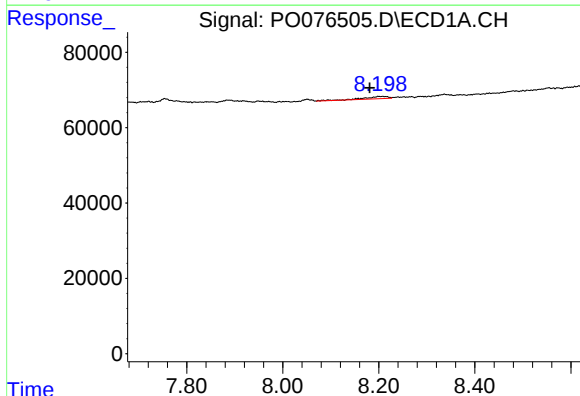
R.T.: 7.887 min
Delta R.T.: -0.029 min
Response: 16969
Conc: 4.94 ng/ml

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



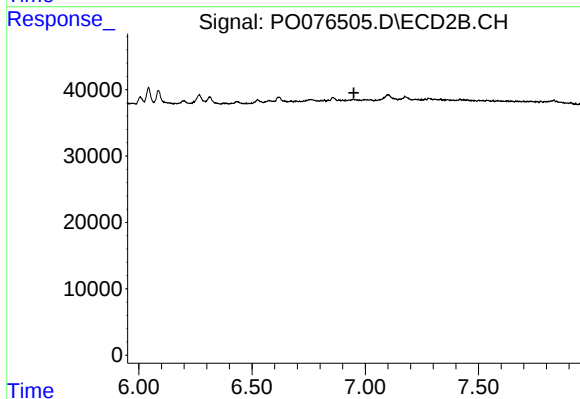
#31 AR-1260-1

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



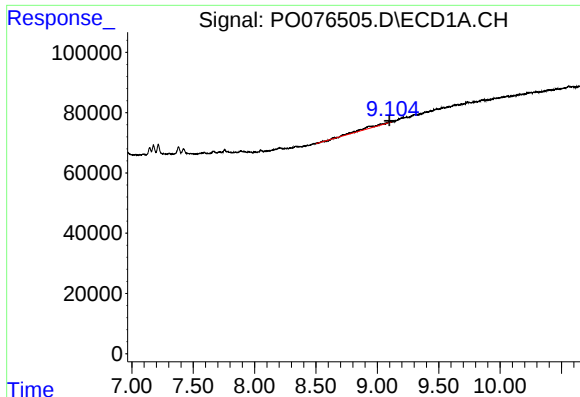
#32 AR-1260-2

R.T.: 8.205 min
Delta R.T.: 0.024 min
Response: 21864
Conc: 5.39 ng/ml



#32 AR-1260-2

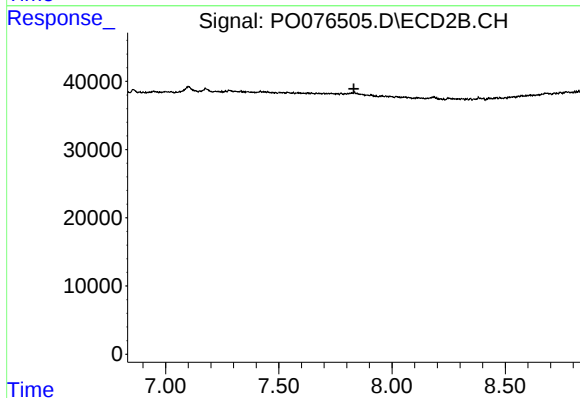
R.T.: 0.000 min
Exp R.T. : 6.950 min
Response: 0
Conc: N.D.



#35 AR-1260-5

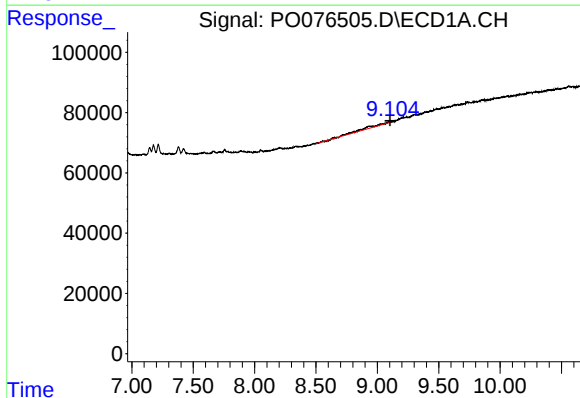
R.T.: 9.103 min
Delta R.T.: 0.005 min
Response: 77515
Conc: 11.47 ng/ml

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



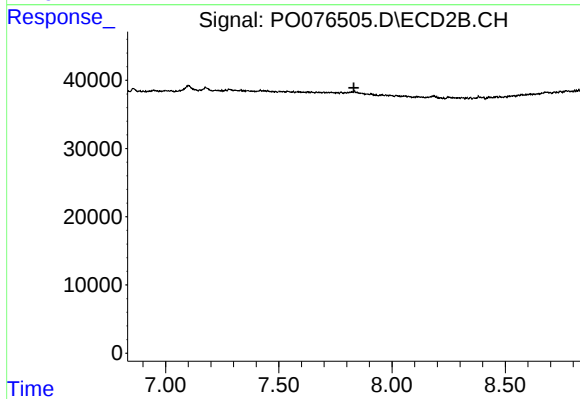
#35 AR-1260-5

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



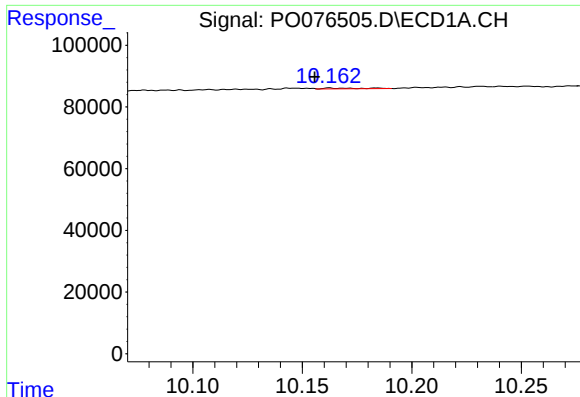
#37 AR-1262-2

R.T.: 9.103 min
Delta R.T.: 0.000 min
Response: 77515
Conc: 8.99 ng/ml



#37 AR-1262-2

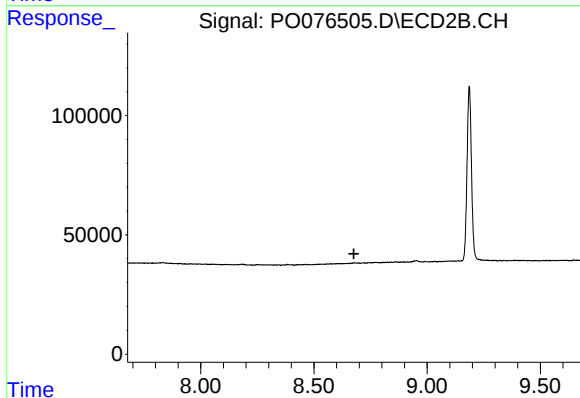
R.T.: 0.000 min
Exp R.T. : 7.832 min
Response: 0
Conc: N.D.



#40 AR-1262-5

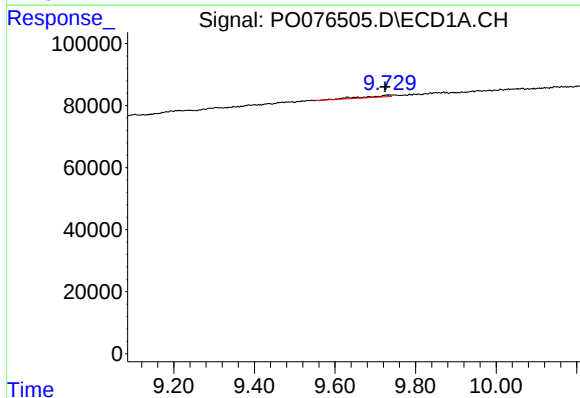
R.T.: 10.164 min
Delta R.T.: 0.008 min
Response: 2681
Conc: 0.92 ng/ml

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



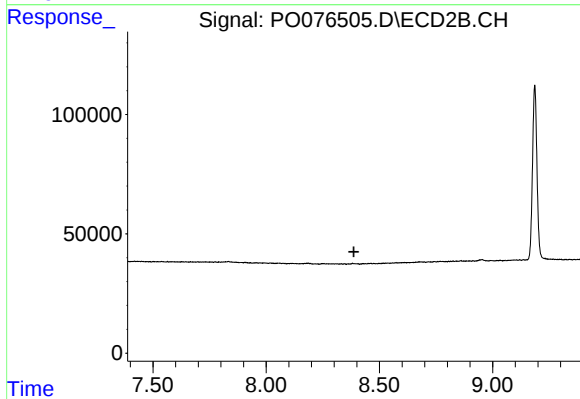
#40 AR-1262-5

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



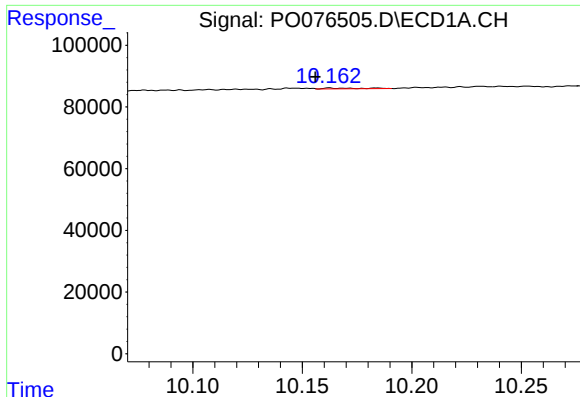
#43 AR-1268-3

R.T.: 9.731 min
Delta R.T.: 0.007 min
Response: 24618
Conc: 2.96 ng/ml



#43 AR-1268-3

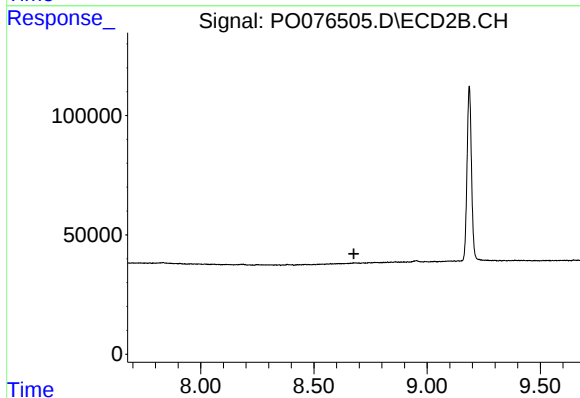
R.T.: 0.000 min
Exp R.T. : 8.387 min
Response: 0
Conc: N.D.



#44 AR-1268-4

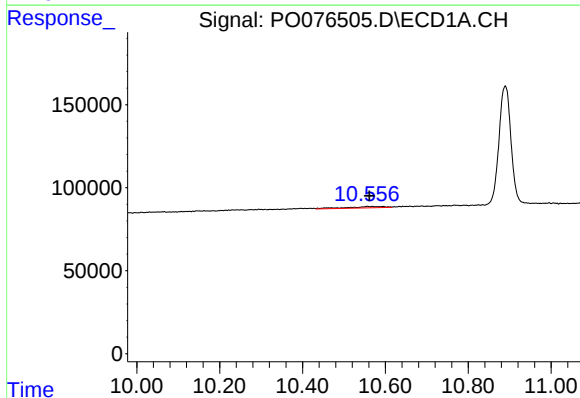
R.T.: 10.164 min
Delta R.T.: 0.008 min
Response: 2681
Conc: 0.83 ng/ml

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



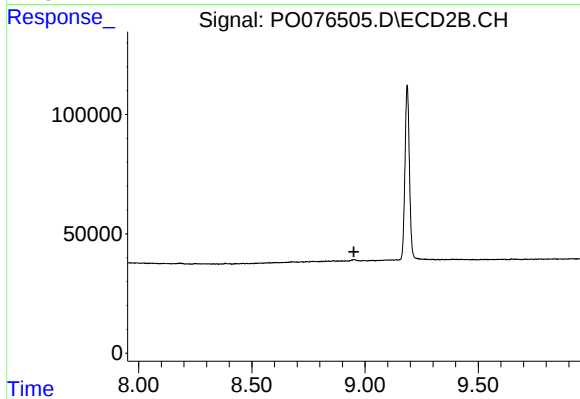
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 10.557 min
Delta R.T.: -0.004 min
Response: 48042
Conc: 1.82 ng/ml



#45 AR-1268-5

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