

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072321\
 Data File : P0079803.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Jul 2021 18:03
 Operator : DD\AJ
 Sample : M2940-01
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

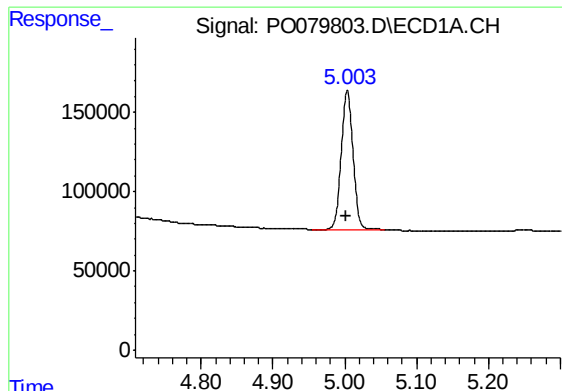
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 02:30:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 23 05:30:42 2021
 Response via : Initial Calibration
 Integrator: ChemStation 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...	5.003	4.123	997454	408769	17.639	18.386
2)	SA Decachlor...	11.114	9.536	801087	393435	20.271	22.939
Target Compounds							
3)	L1 AR-1016-1	6.334	5.402	50978	23550	25.474	26.211
4)	L1 AR-1016-2	6.358	5.423	66127	31391	23.777	26.264
5)	L1 AR-1016-3	6.424	0.000	44055	0	25.541	N.D. #
6)	L1 AR-1016-4	6.533	0.000	34583	0	24.710	N.D. #
7)	L1 AR-1016-5	6.848	0.000	28269	0	20.650	N.D. #
10)	L2 AR-1221-3	5.443	0.000	23667	0	16.224	N.D. #
11)	L3 AR-1232-1	5.443	0.000	23667	0	18.035	N.D. #
12)	L3 AR-1232-2	6.037	5.423	35982	31391	48.671	58.744
13)	L3 AR-1232-3	6.358	0.000	66127	0	55.047	N.D. #
14)	L3 AR-1232-4	6.533	0.000	34583	0	57.255	N.D. #
15)	L3 AR-1232-5	6.631	0.000	29916	0	73.074	N.D. #
16)	L4 AR-1242-1	6.334	5.402	50978	23550	33.427	34.860
17)	L4 AR-1242-2	6.358	5.423	66127	31391	31.282	34.954
18)	L4 AR-1242-3	6.424	0.000	44055	0	33.881	N.D. #
19)	L4 AR-1242-4	6.533	0.000	34583	0	32.825	N.D. #
21)	L5 AR-1248-1	6.334	5.402	50978	23550	43.364	45.311
22)	L5 AR-1248-2	6.631	0.000	29916	0	18.392	N.D. #
23)	L5 AR-1248-3	6.848	0.000	28269	0	15.333	N.D. #
26)	L6 AR-1254-1	7.247	0.000	14039	0	7.027	N.D. #
27)	L6 AR-1254-2	7.478	0.000	25072	0	8.189	N.D. #
30)	L6 AR-1254-5	8.589	7.553	59823	43114	24.678	28.341
31)	L7 AR-1260-1	8.029	7.015	54002	35473	24.196	30.013
32)	L7 AR-1260-2	8.297	7.213	70335	47200	26.252	33.322 #
33)	L7 AR-1260-3	8.663	7.372	42256	43564	20.567	33.161 #
34)	L7 AR-1260-4	8.896	7.861	61056	29646	23.836	27.667
35)	L7 AR-1260-5	9.230	8.110	125822	67427	25.942	27.507
36)	L8 AR-1262-1	8.663	7.553	42256	43114	14.613	48.857 #
37)	L8 AR-1262-2	9.230	8.110	125822	67427	23.480	24.440
38)	L8 AR-1262-3	9.571f	0.000	53474	0	14.704	N.D. #
39)	L8 AR-1262-4	9.626f	8.465	11646	51586	4.119	25.507 #
40)	L8 AR-1262-5	10.336	0.000	22267	0	11.863	N.D. #
41)	L9 AR-1268-1	9.571f	0.000	53474	0	8.722	N.D. #
42)	L9 AR-1268-2	9.626f	8.465	11646	51586	2.025	18.529 #
44)	L9 AR-1268-4	10.336	0.000	22267	0	10.525	N.D. #

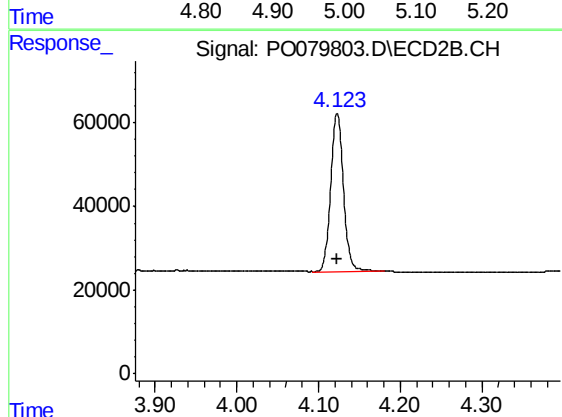
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

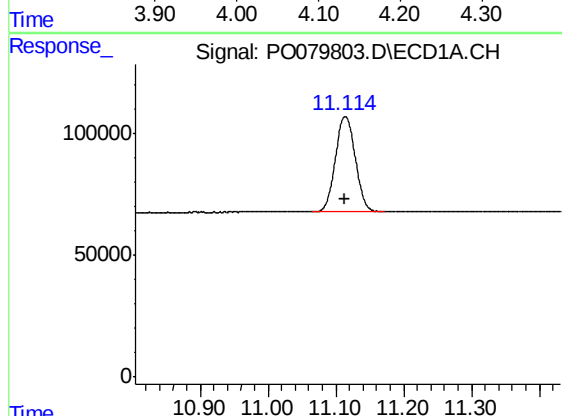
R.T.: 5.003 min
Delta R.T.: 0.002 min
Response: 997454
Conc: 17.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



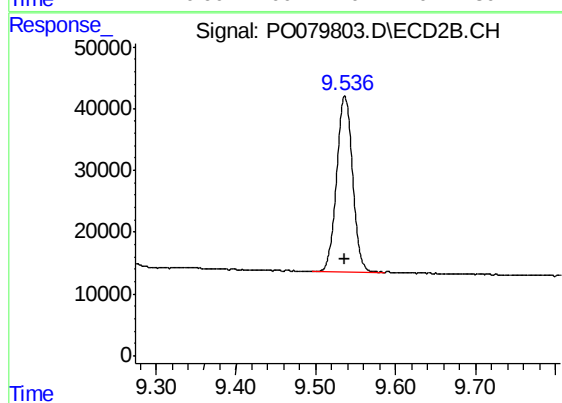
#1 Tetrachloro-m-xylene

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 408769
Conc: 18.39 ng/ml



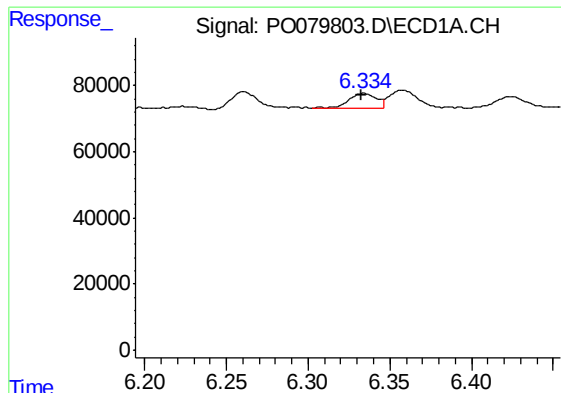
#2 Decachlorobiphenyl

R.T.: 11.114 min
Delta R.T.: 0.001 min
Response: 801087
Conc: 20.27 ng/ml



#2 Decachlorobiphenyl

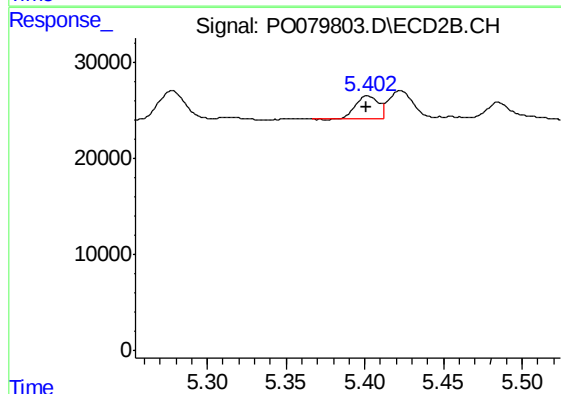
R.T.: 9.536 min
Delta R.T.: 0.001 min
Response: 393435
Conc: 22.94 ng/ml



#3 AR-1016-1

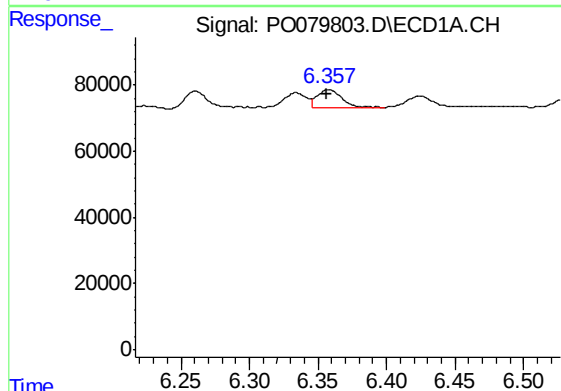
R.T.: 6.334 min
Delta R.T.: 0.002 min
Response: 50978
Conc: 25.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



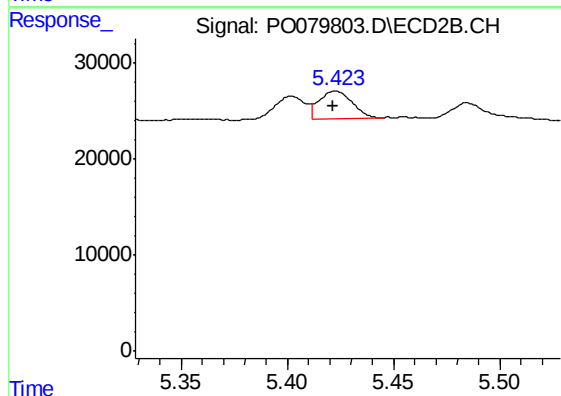
#3 AR-1016-1

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 23550
Conc: 26.21 ng/ml



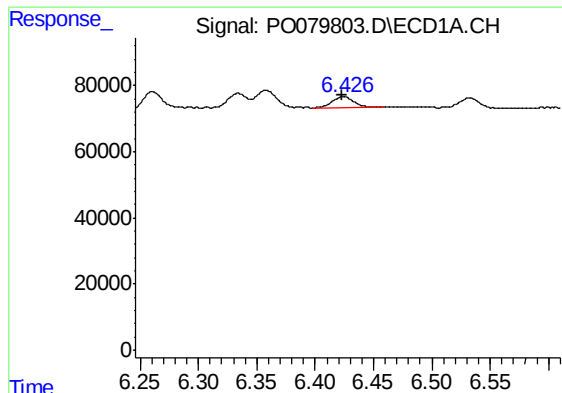
#4 AR-1016-2

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 66127
Conc: 23.78 ng/ml



#4 AR-1016-2

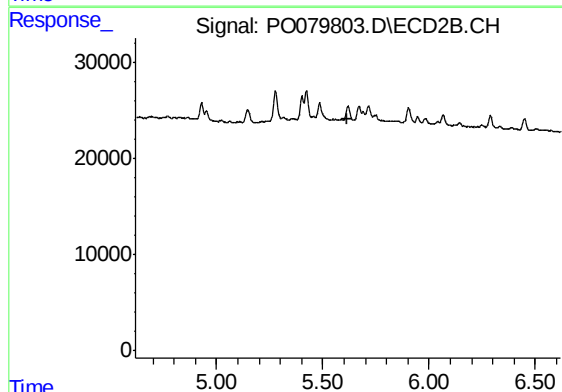
R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 31391
Conc: 26.26 ng/ml



#5 AR-1016-3

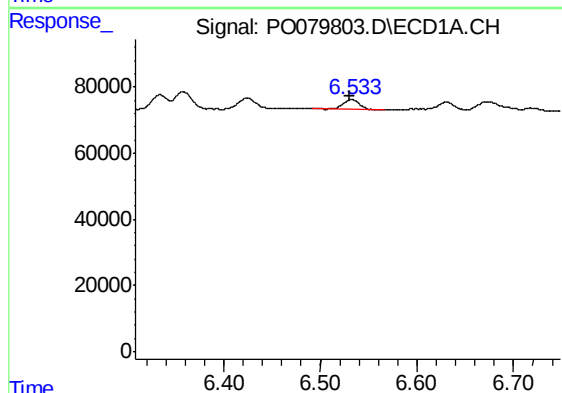
R.T.: 6.424 min
Delta R.T.: 0.002 min
Response: 44055
Conc: 25.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



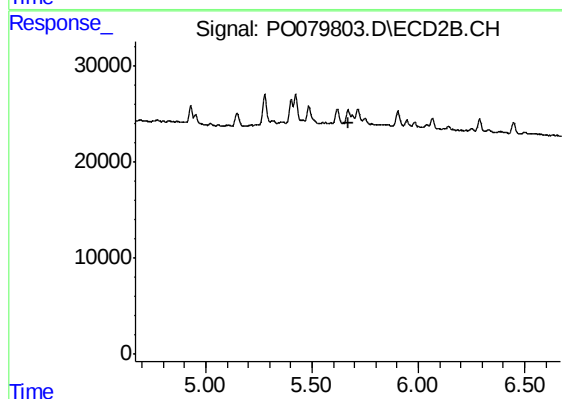
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.618 min
Response: 0
Conc: N.D.



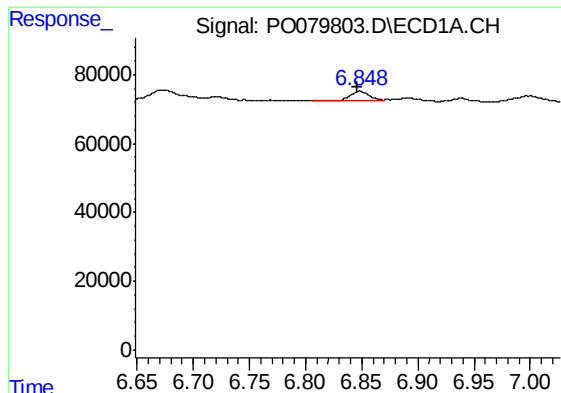
#6 AR-1016-4

R.T.: 6.533 min
Delta R.T.: 0.002 min
Response: 34583
Conc: 24.71 ng/ml



#6 AR-1016-4

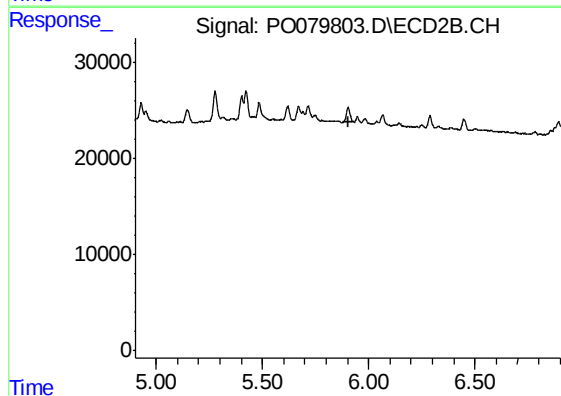
R.T.: 0.000 min
Exp R.T. : 5.669 min
Response: 0
Conc: N.D.



#7 AR-1016-5

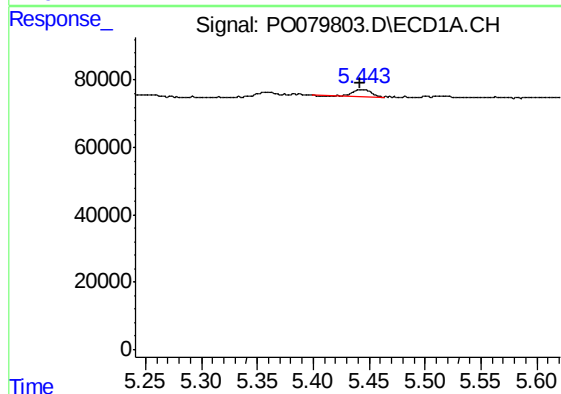
R.T.: 6.848 min
Delta R.T.: 0.001 min
Response: 28269
Conc: 20.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



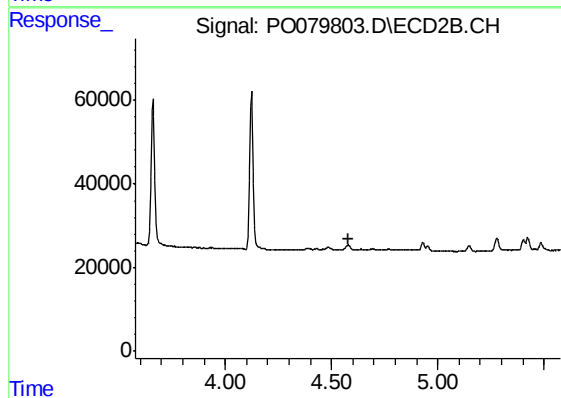
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.902 min
Response: 0
Conc: N.D.



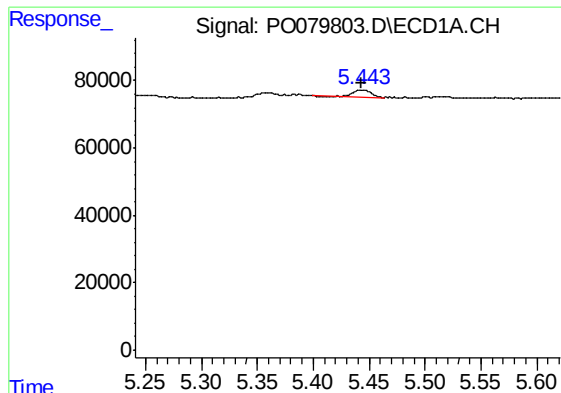
#10 AR-1221-3

R.T.: 5.443 min
Delta R.T.: 0.000 min
Response: 23667
Conc: 16.22 ng/ml



#10 AR-1221-3

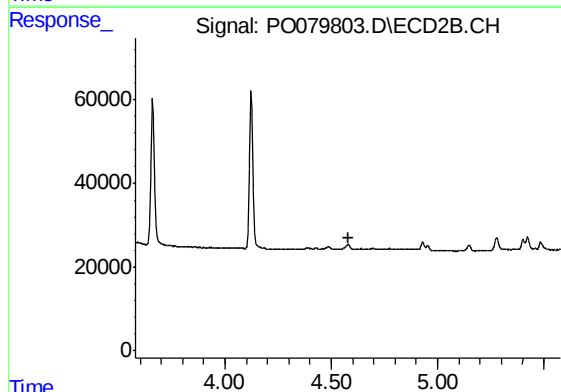
R.T.: 0.000 min
Exp R.T. : 4.577 min
Response: 0
Conc: N.D.



#11 AR-1232-1

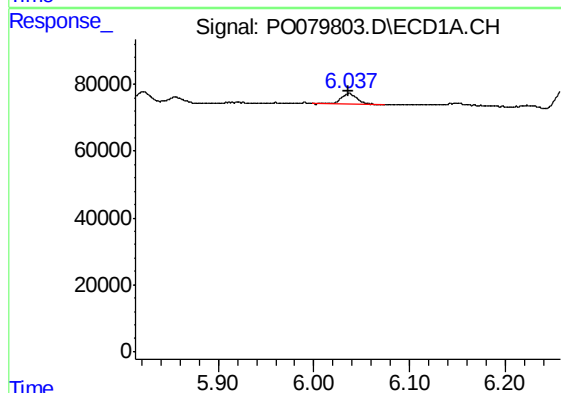
R.T.: 5.443 min
Delta R.T.: 0.000 min
Response: 23667
Conc: 18.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



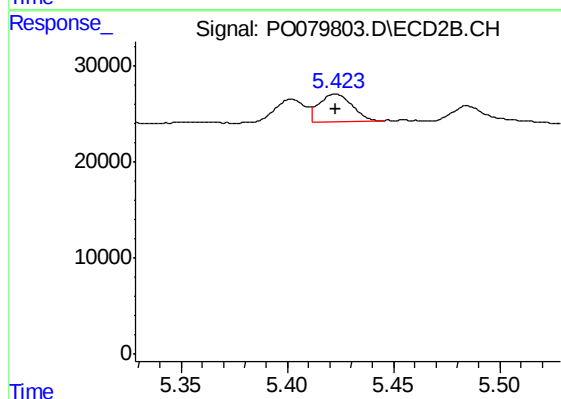
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.578 min
Response: 0
Conc: N.D.



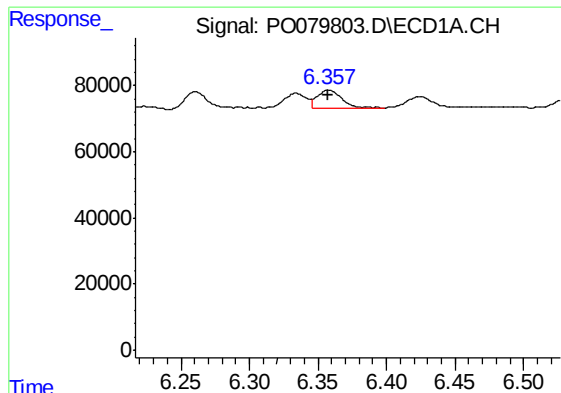
#12 AR-1232-2

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 35982
Conc: 48.67 ng/ml



#12 AR-1232-2

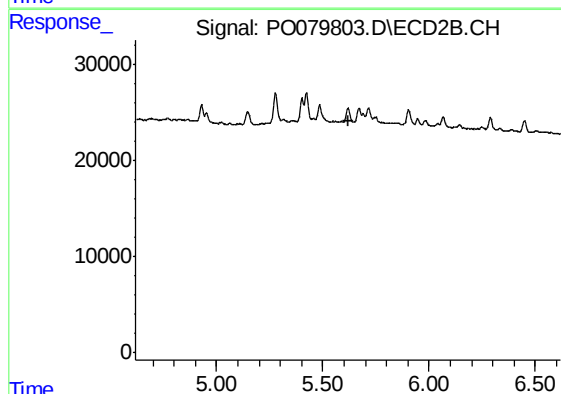
R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 31391
Conc: 58.74 ng/ml



#13 AR-1232-3

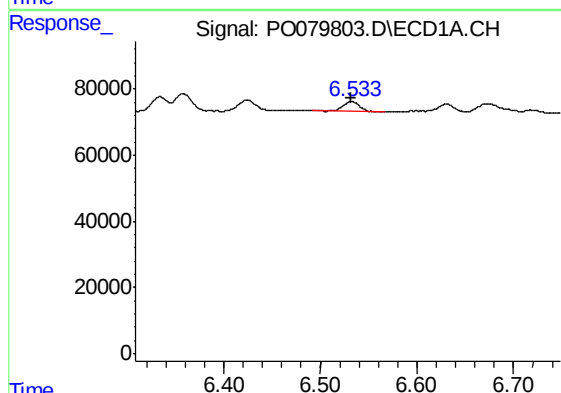
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 66127
Conc: 55.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



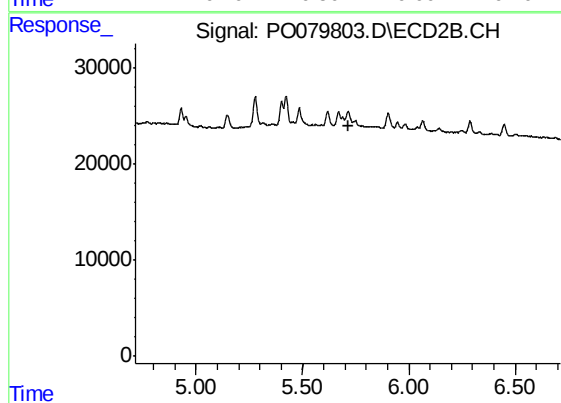
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.618 min
Response: 0
Conc: N.D.



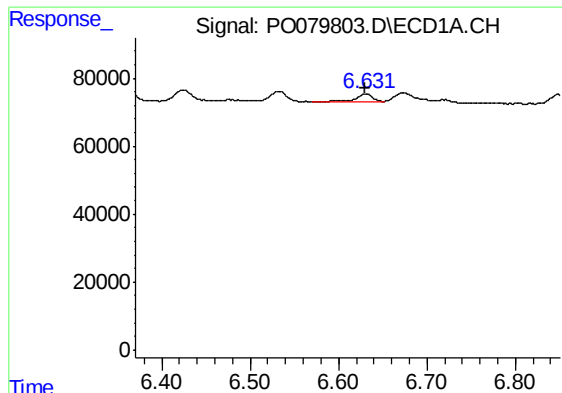
#14 AR-1232-4

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 34583
Conc: 57.26 ng/ml



#14 AR-1232-4

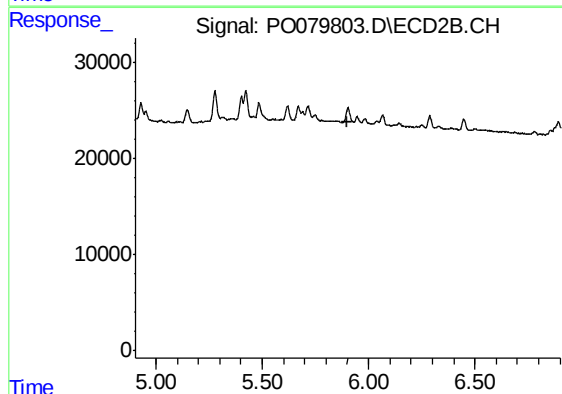
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#15 AR-1232-5

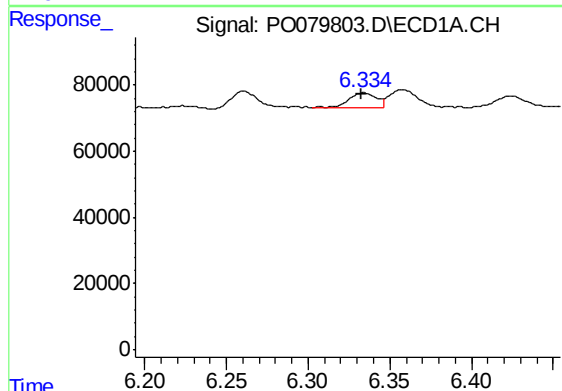
R.T.: 6.631 min
Delta R.T.: 0.001 min
Response: 29916
Conc: 73.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



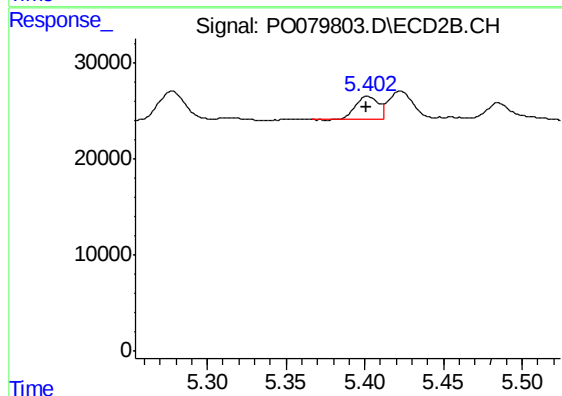
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.903 min
Response: 0
Conc: N.D.



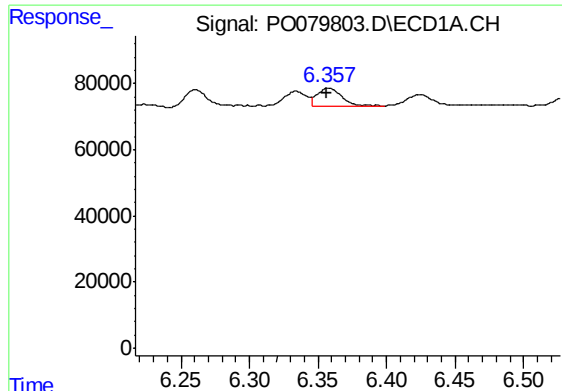
#16 AR-1242-1

R.T.: 6.334 min
Delta R.T.: 0.002 min
Response: 50978
Conc: 33.43 ng/ml



#16 AR-1242-1

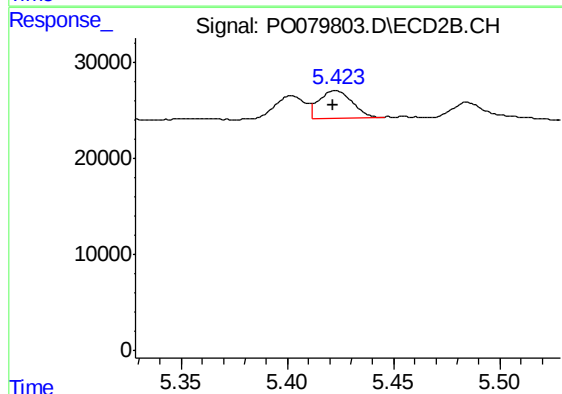
R.T.: 5.402 min
Delta R.T.: 0.001 min
Response: 23550
Conc: 34.86 ng/ml



#17 AR-1242-2

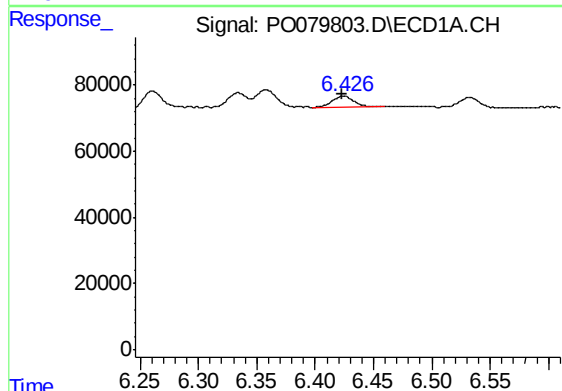
R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 66127
Conc: 31.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



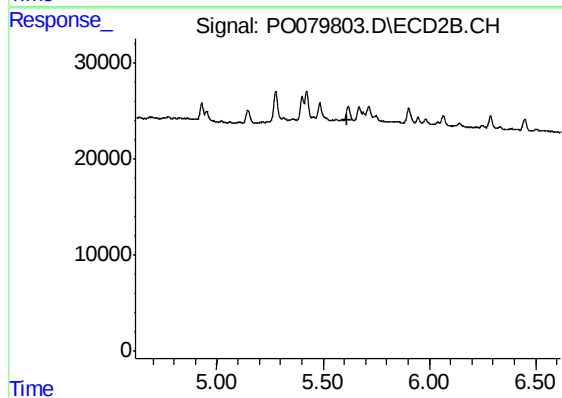
#17 AR-1242-2

R.T.: 5.423 min
Delta R.T.: 0.001 min
Response: 31391
Conc: 34.95 ng/ml



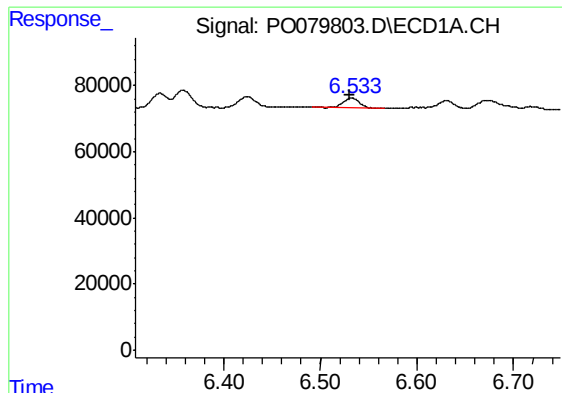
#18 AR-1242-3

R.T.: 6.424 min
Delta R.T.: 0.002 min
Response: 44055
Conc: 33.88 ng/ml



#18 AR-1242-3

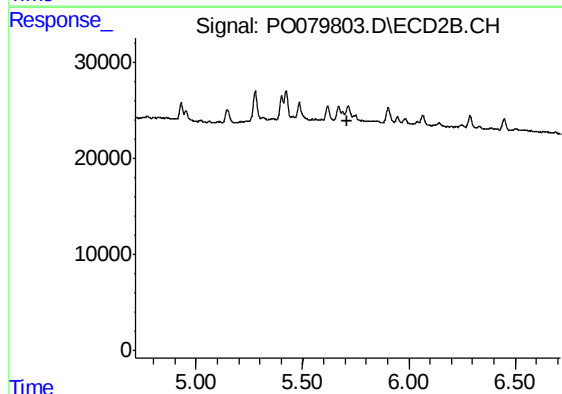
R.T.: 0.000 min
Exp R.T. : 5.617 min
Response: 0
Conc: N.D.



#19 AR-1242-4

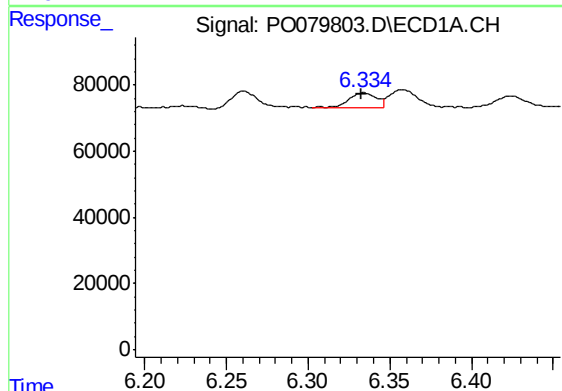
R.T.: 6.533 min
Delta R.T.: 0.002 min
Response: 34583
Conc: 32.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



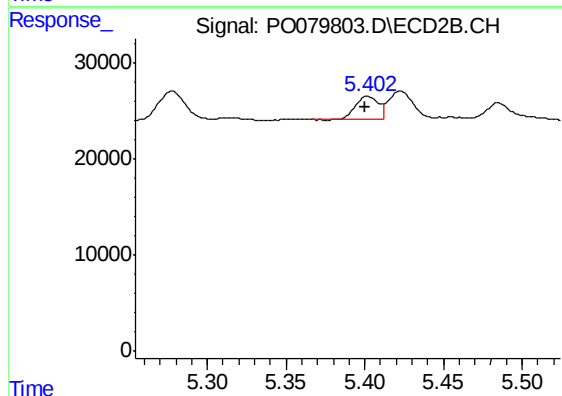
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



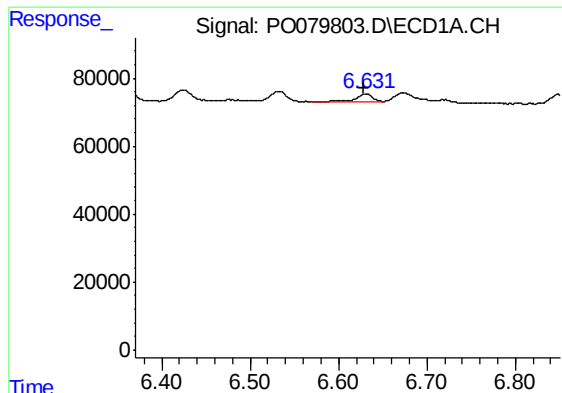
#21 AR-1248-1

R.T.: 6.334 min
Delta R.T.: 0.002 min
Response: 50978
Conc: 43.36 ng/ml



#21 AR-1248-1

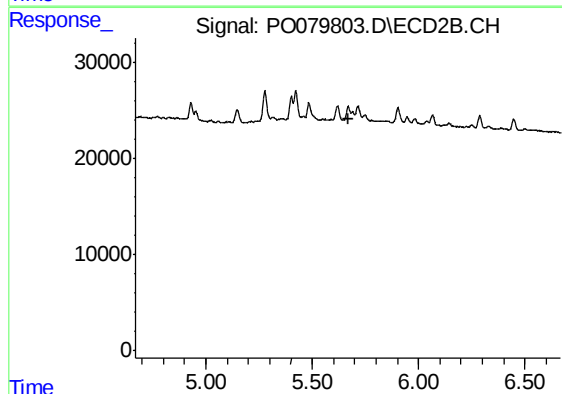
R.T.: 5.402 min
Delta R.T.: 0.001 min
Response: 23550
Conc: 45.31 ng/ml



#22 AR-1248-2

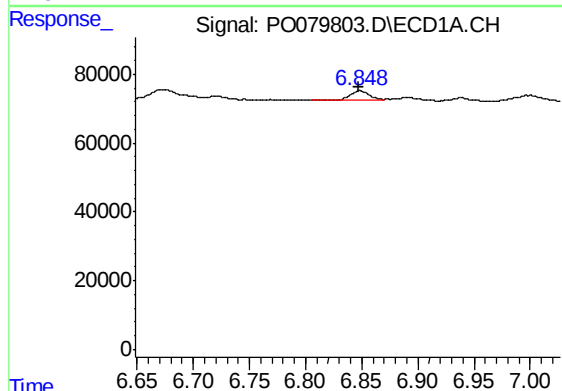
R.T.: 6.631 min
Delta R.T.: 0.003 min
Response: 29916
Conc: 18.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



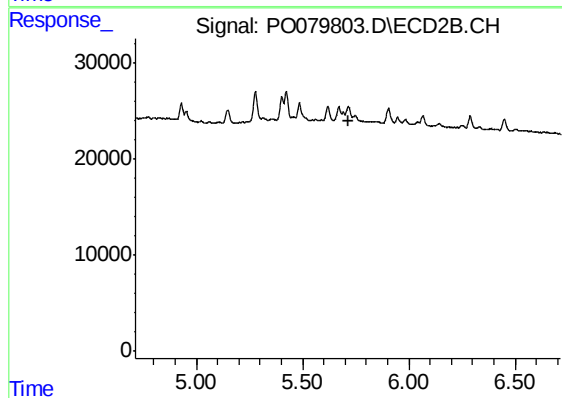
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.668 min
Response: 0
Conc: N.D.



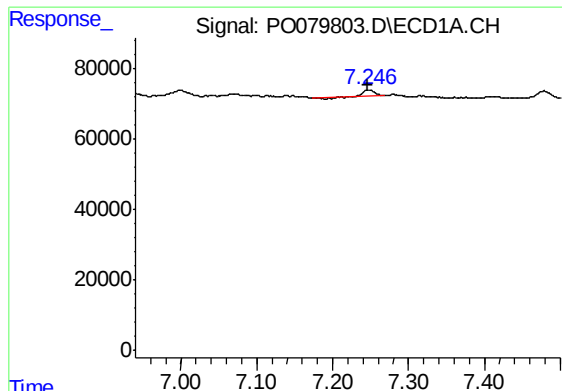
#23 AR-1248-3

R.T.: 6.848 min
Delta R.T.: 0.001 min
Response: 28269
Conc: 15.33 ng/ml



#23 AR-1248-3

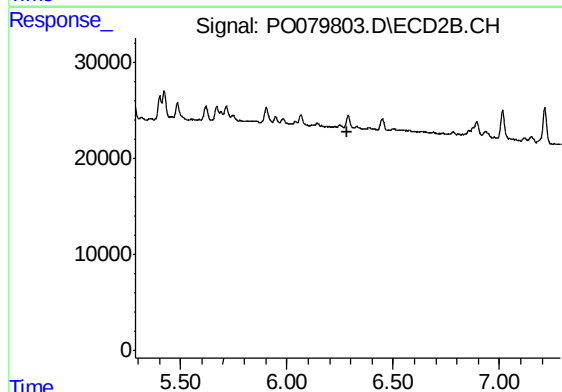
R.T.: 0.000 min
Exp R.T. : 5.713 min
Response: 0
Conc: N.D.



#26 AR-1254-1

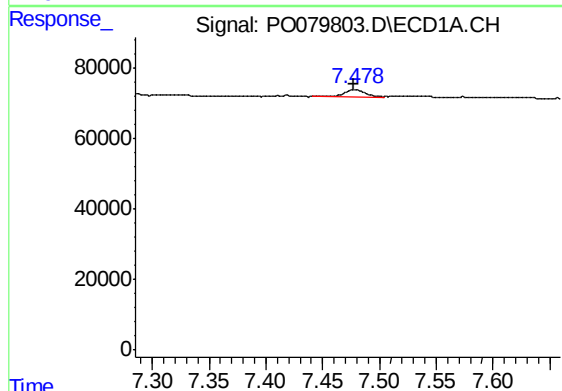
R.T.: 7.247 min
Delta R.T.: 0.001 min
Response: 14039
Conc: 7.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



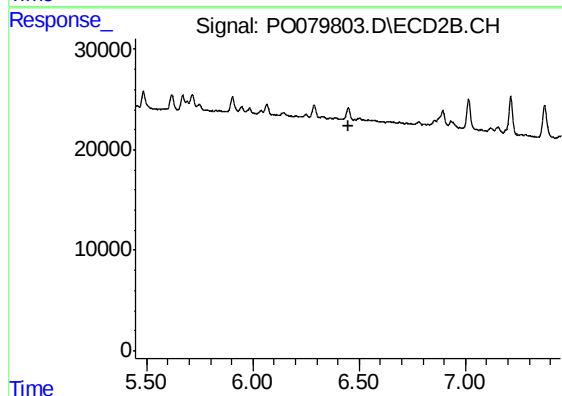
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.287 min
Response: 0
Conc: N.D.



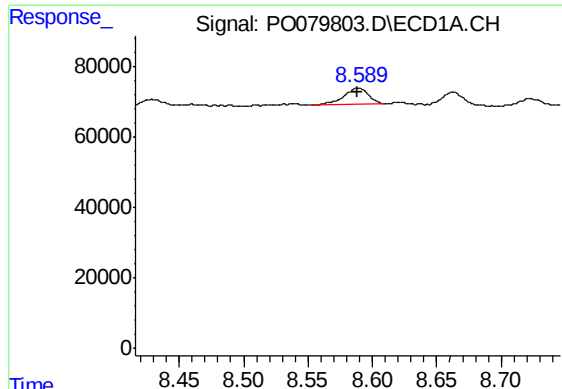
#27 AR-1254-2

R.T.: 7.478 min
Delta R.T.: 0.001 min
Response: 25072
Conc: 8.19 ng/ml



#27 AR-1254-2

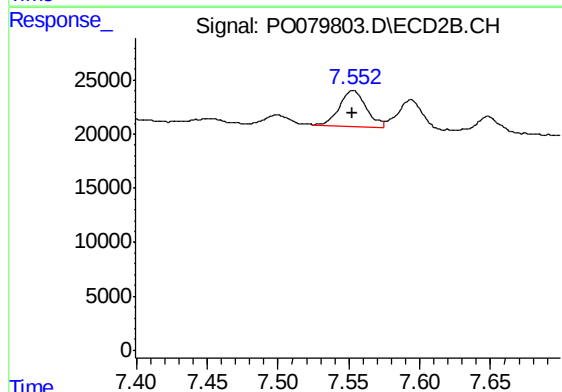
R.T.: 0.000 min
Exp R.T. : 6.447 min
Response: 0
Conc: N.D.



#30 AR-1254-5

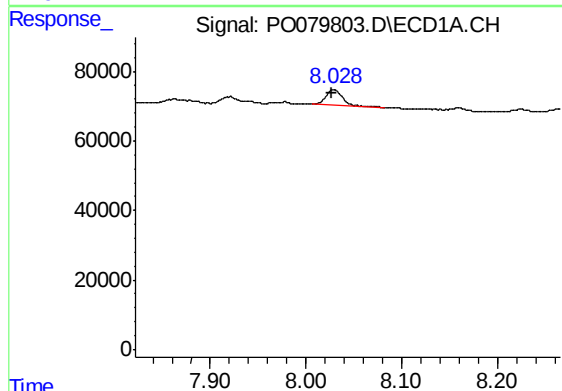
R.T.: 8.589 min
Delta R.T.: 0.000 min
Response: 59823
Conc: 24.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



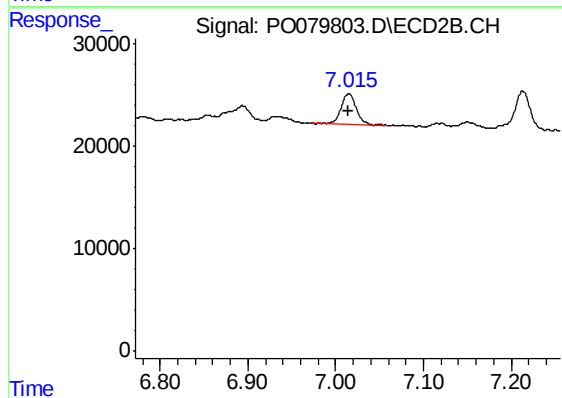
#30 AR-1254-5

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 43114
Conc: 28.34 ng/ml



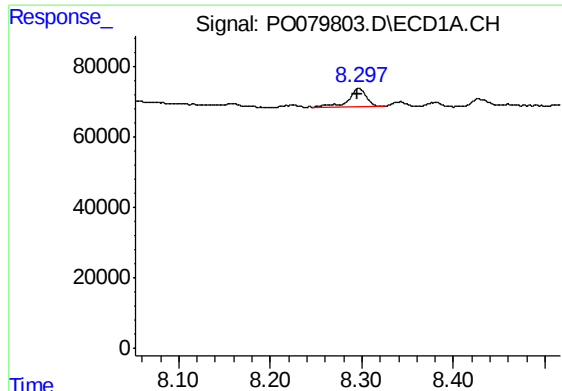
#31 AR-1260-1

R.T.: 8.029 min
Delta R.T.: 0.001 min
Response: 54002
Conc: 24.20 ng/ml



#31 AR-1260-1

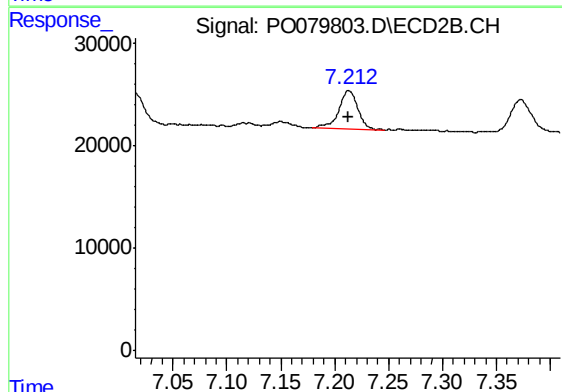
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 35473
Conc: 30.01 ng/ml



#32 AR-1260-2

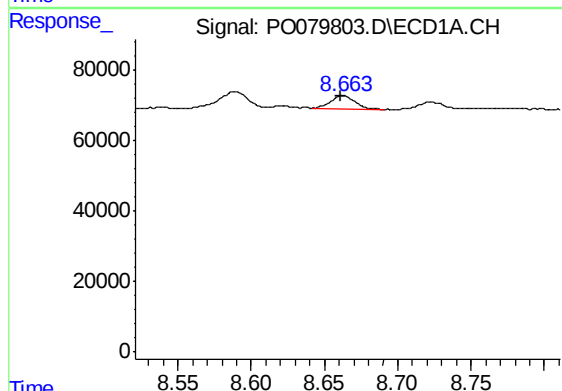
R.T.: 8.297 min
Delta R.T.: 0.002 min
Response: 70335
Conc: 26.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



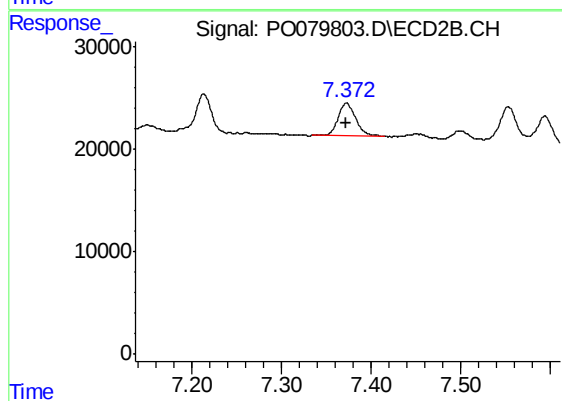
#32 AR-1260-2

R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 47200
Conc: 33.32 ng/ml



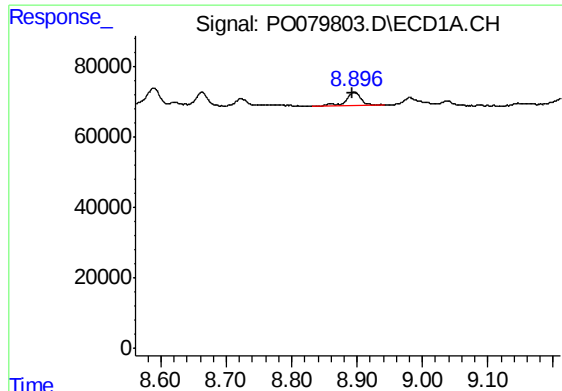
#33 AR-1260-3

R.T.: 8.663 min
Delta R.T.: 0.002 min
Response: 42256
Conc: 20.57 ng/ml



#33 AR-1260-3

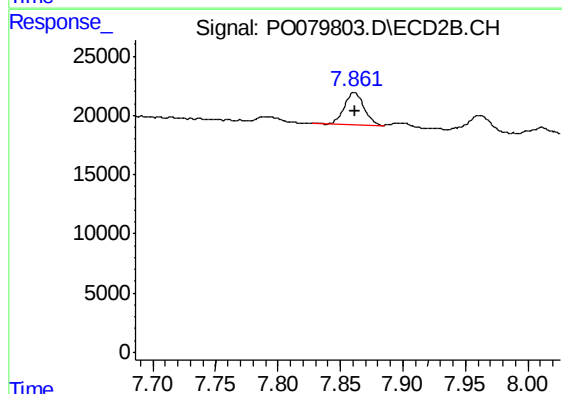
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 43564
Conc: 33.16 ng/ml



#34 AR-1260-4

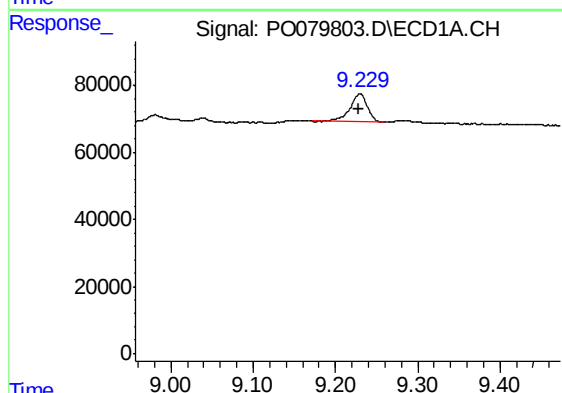
R.T.: 8.896 min
Delta R.T.: 0.002 min
Response: 61056
Conc: 23.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



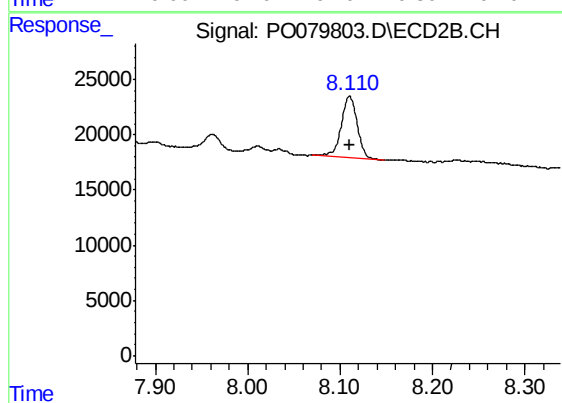
#34 AR-1260-4

R.T.: 7.861 min
Delta R.T.: 0.000 min
Response: 29646
Conc: 27.67 ng/ml



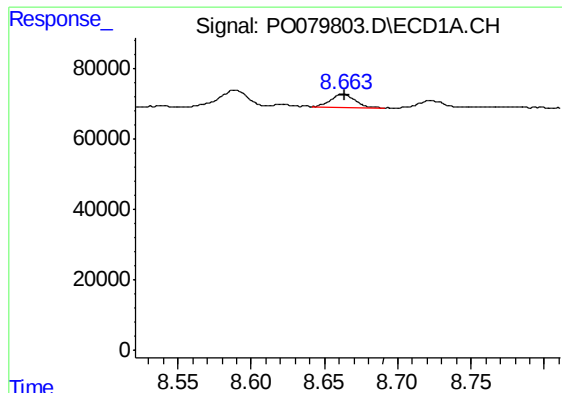
#35 AR-1260-5

R.T.: 9.230 min
Delta R.T.: 0.002 min
Response: 125822
Conc: 25.94 ng/ml



#35 AR-1260-5

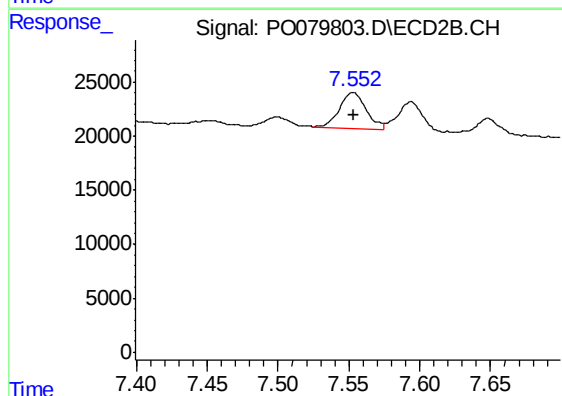
R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 67427
Conc: 27.51 ng/ml



#36 AR-1262-1

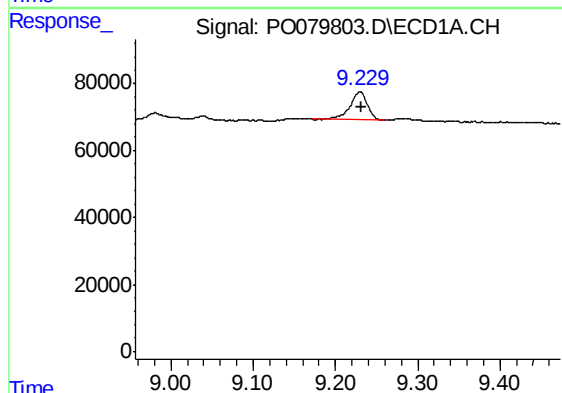
R.T.: 8.663 min
Delta R.T.: -0.001 min
Response: 42256
Conc: 14.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



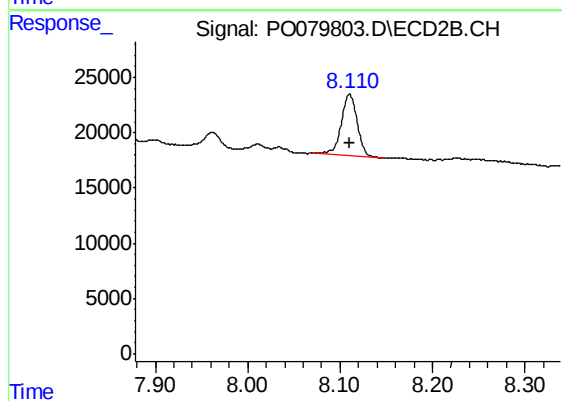
#36 AR-1262-1

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 43114
Conc: 48.86 ng/ml



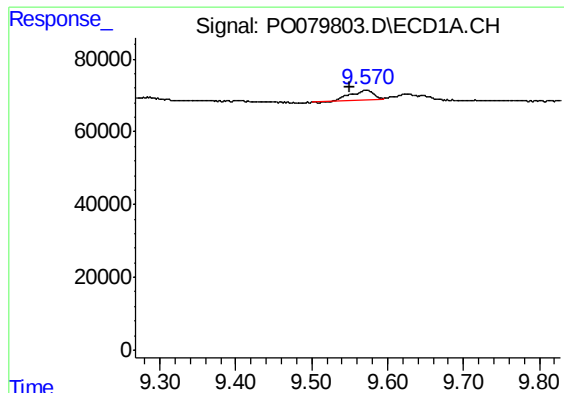
#37 AR-1262-2

R.T.: 9.230 min
Delta R.T.: -0.002 min
Response: 125822
Conc: 23.48 ng/ml



#37 AR-1262-2

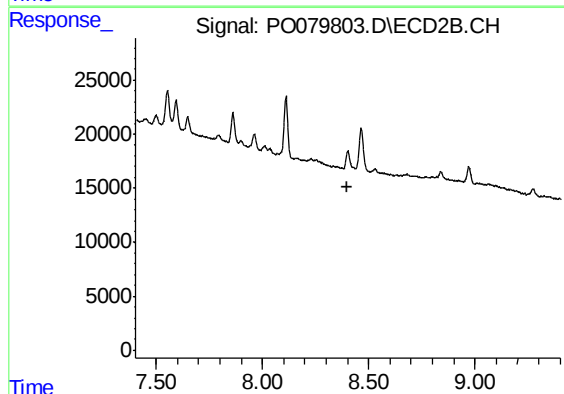
R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 67427
Conc: 24.44 ng/ml



#38 AR-1262-3

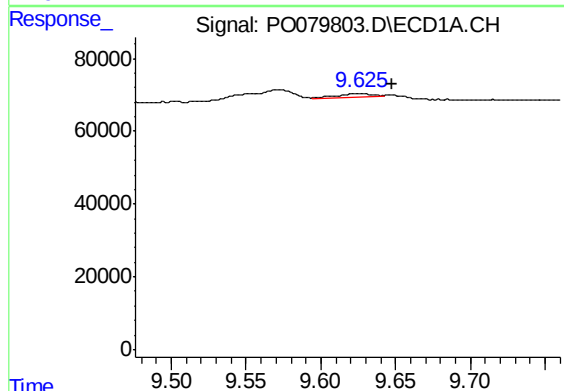
R.T.: 9.571 min
Delta R.T.: 0.022 min
Response: 53474
Conc: 14.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



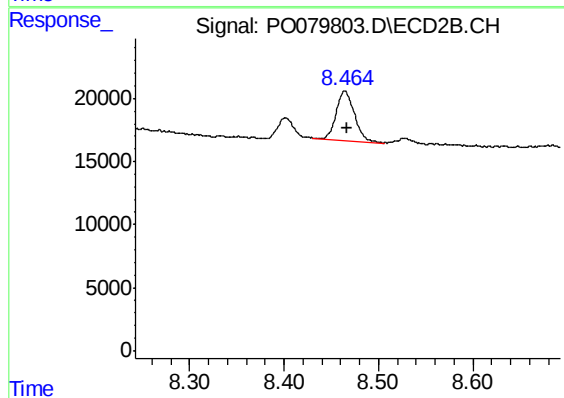
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.402 min
Response: 0
Conc: N.D.



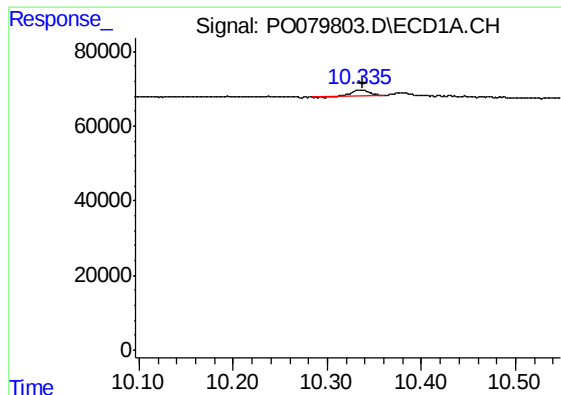
#39 AR-1262-4

R.T.: 9.626 min
Delta R.T.: -0.022 min
Response: 11646
Conc: 4.12 ng/ml



#39 AR-1262-4

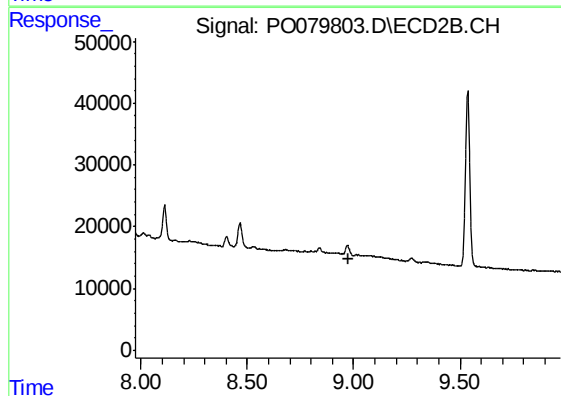
R.T.: 8.465 min
Delta R.T.: -0.002 min
Response: 51586
Conc: 25.51 ng/ml



#40 AR-1262-5

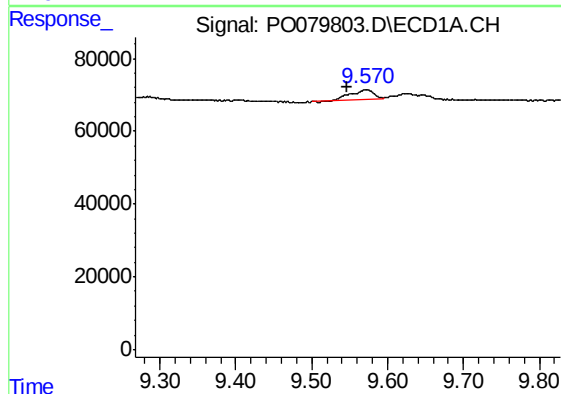
R.T.: 10.336 min
Delta R.T.: -0.001 min
Response: 22267
Conc: 11.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



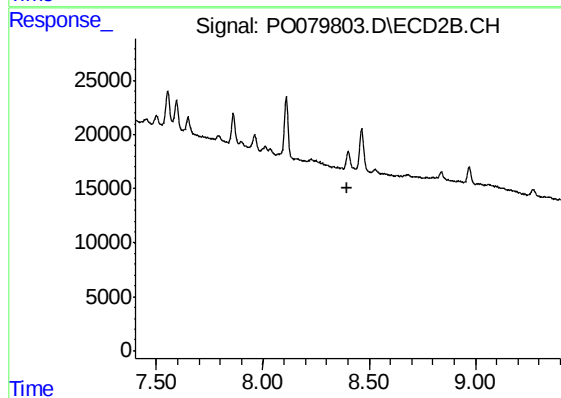
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.973 min
Response: 0
Conc: N.D.



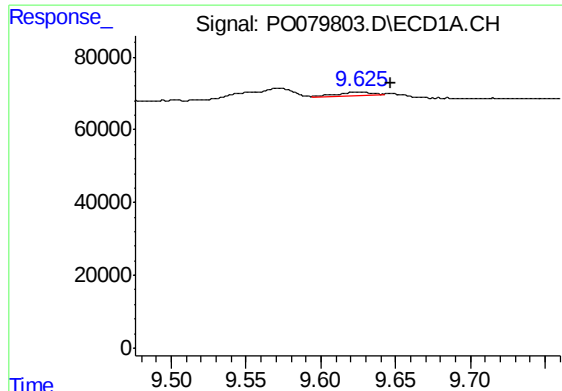
#41 AR-1268-1

R.T.: 9.571 min
Delta R.T.: 0.024 min
Response: 53474
Conc: 8.72 ng/ml



#41 AR-1268-1

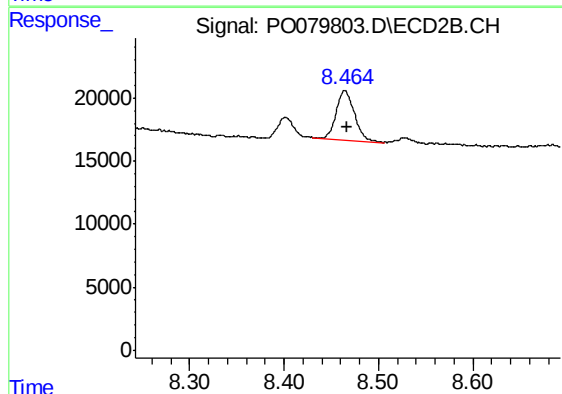
R.T.: 0.000 min
Exp R.T. : 8.400 min
Response: 0
Conc: N.D.



#42 AR-1268-2

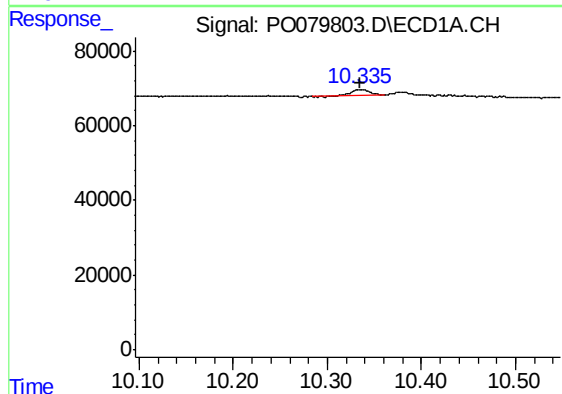
R.T.: 9.626 min
Delta R.T.: -0.020 min
Response: 11646
Conc: 2.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



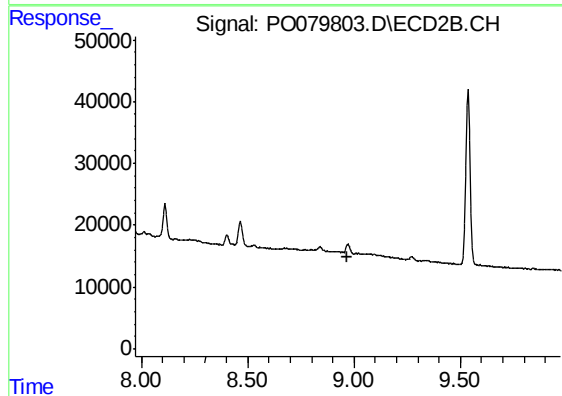
#42 AR-1268-2

R.T.: 8.465 min
Delta R.T.: -0.002 min
Response: 51586
Conc: 18.53 ng/ml



#44 AR-1268-4

R.T.: 10.336 min
Delta R.T.: 0.002 min
Response: 22267
Conc: 10.53 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.971 min
Response: 0
Conc: N.D.