

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012120\
 Data File : P0065738.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jan 2020 23:38
 Operator : DD\AJ
 Sample : L1161-01
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

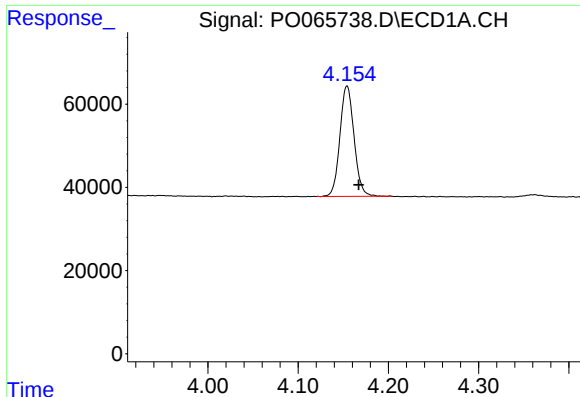
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 04:30:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jan 04 04:01:28 2020
 Response via : Initial Calibration
 Integrator: ChemStation 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...	4.154	3.430	289373	354689	15.847	16.124
2)	SA Decachlor...	9.652	8.329	521953	620977	15.405	14.974
Target Compounds							
3)	L1 AR-1016-1	5.305	4.489	16797	23842	19.259	23.139
4)	L1 AR-1016-2	5.327	4.506	27756	33813	21.639	23.334
5)	L1 AR-1016-3	5.388	4.679	19090	17688	24.230	22.752
6)	L1 AR-1016-4	5.484	4.721	15134	11795	23.456	17.642
7)	L1 AR-1016-5	5.774	4.930	15303	17577	23.083	20.657
8)	L2 AR-1221-1	4.362	0.000	8742	0	42.169	N.D. #
9)	L2 AR-1221-2	4.449	3.722	11328	14004	72.551	71.025
10)	L2 AR-1221-3	4.522	3.796	25744	32793	49.298	50.897
11)	L3 AR-1232-1	4.522	3.796	25744	32793	63.650	65.821
12)	L3 AR-1232-2	5.039	4.506	13874	33813	65.973	62.705
13)	L3 AR-1232-3	5.327	4.679	27756	17688	59.439	62.181
14)	L3 AR-1232-4	5.484	4.761	15134	12696	64.869	47.491 #
15)	L3 AR-1232-5	5.573	4.930	10227	17577	57.842	61.310
16)	L4 AR-1242-1	5.305	4.489	16797	23842	28.852	34.979
17)	L4 AR-1242-2	5.327	4.506	27756	33813	32.460	35.284
18)	L4 AR-1242-3	5.388	4.679	19090	17688	36.405	34.509
19)	L4 AR-1242-4	5.484	4.761	15134	12696	35.723	24.291 #
20)	L4 AR-1242-5	6.210	5.277	14496	21227	26.621	29.206
21)	L5 AR-1248-1	5.327	4.506	27756	33813	59.650	60.995
22)	L5 AR-1248-2	5.573	4.721	10227	11795	15.498	15.373
23)	L5 AR-1248-3	5.774	4.761	15303	12696	20.309	16.136
24)	L5 AR-1248-4	6.175	4.930	15879	17577	16.763	18.337
25)	L5 AR-1248-5	6.210	5.316	14496	17370	15.847	17.159
26)	L6 AR-1254-1	6.175	5.277	15879	21227	18.718	14.652
27)	L6 AR-1254-2	6.367	5.488	15976	11317	11.625	8.556 #
28)	L6 AR-1254-3	6.727	0.000	8207	0	5.295	N.D. #
45)	L9 AR-1268-5	9.357	0.000	16071	0	1.450	N.D. #

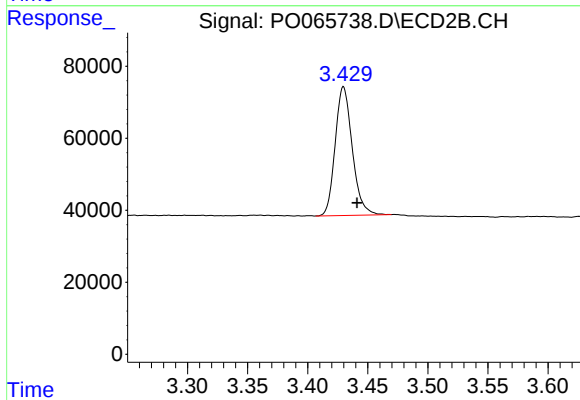
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

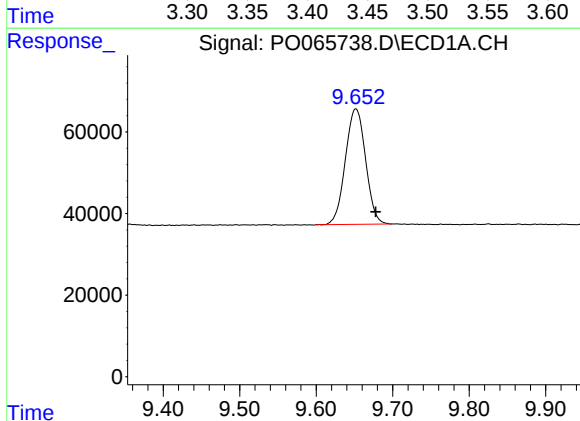
R.T.: 4.154 min
Delta R.T.: -0.013 min
Response: 289373
Conc: 15.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



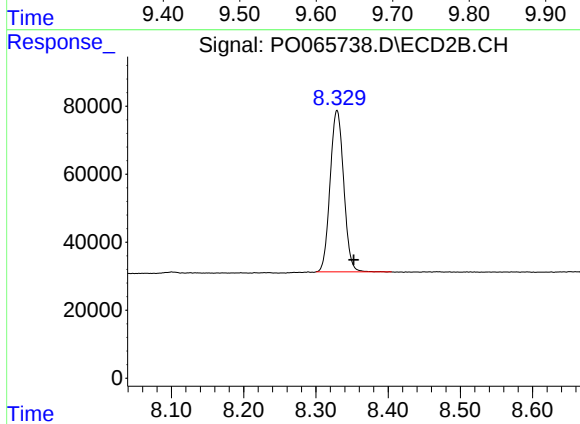
#1 Tetrachloro-m-xylene

R.T.: 3.430 min
Delta R.T.: -0.011 min
Response: 354689
Conc: 16.12 ng/ml



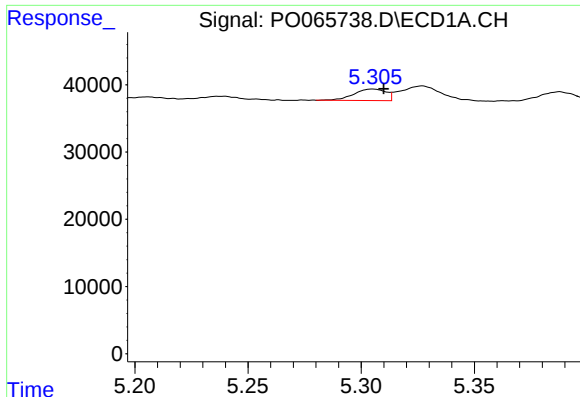
#2 Decachlorobiphenyl

R.T.: 9.652 min
Delta R.T.: -0.026 min
Response: 521953
Conc: 15.40 ng/ml



#2 Decachlorobiphenyl

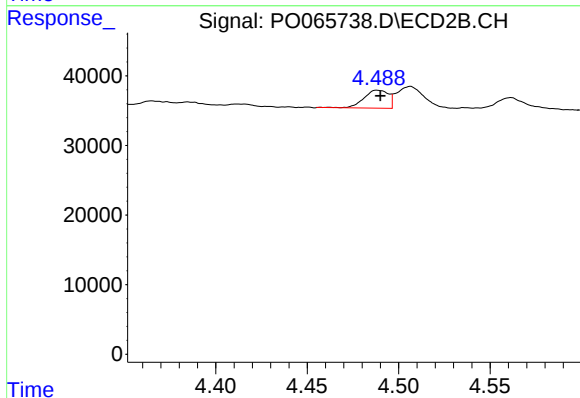
R.T.: 8.329 min
Delta R.T.: -0.023 min
Response: 620977
Conc: 14.97 ng/ml



#3 AR-1016-1

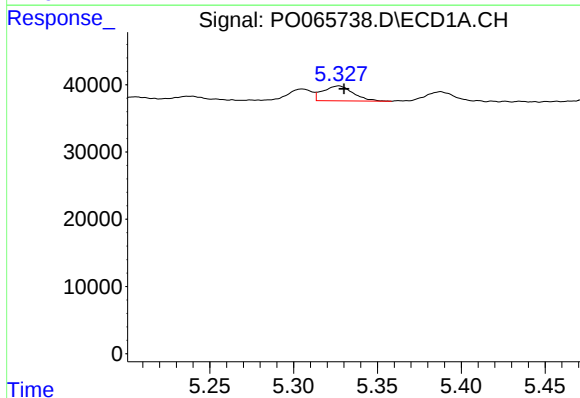
R.T.: 5.305 min
Delta R.T.: -0.005 min
Response: 16797
Conc: 19.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



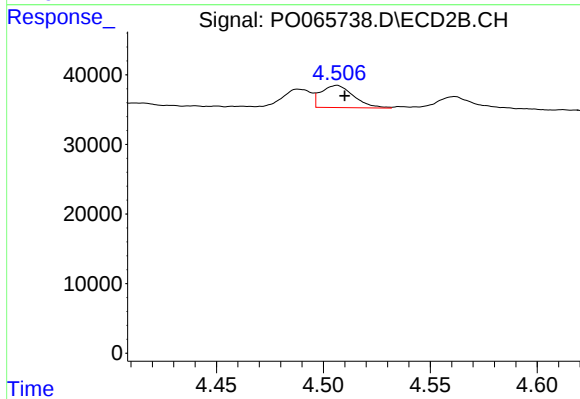
#3 AR-1016-1

R.T.: 4.489 min
Delta R.T.: -0.001 min
Response: 23842
Conc: 23.14 ng/ml



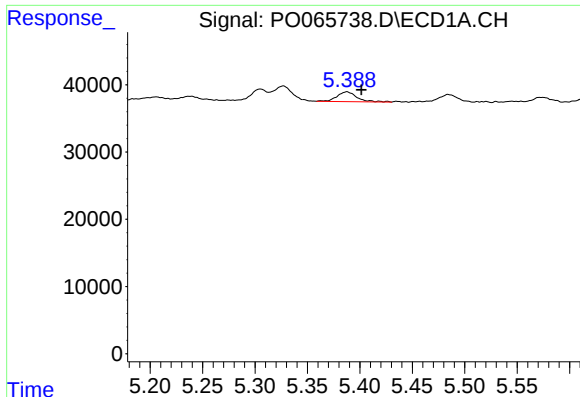
#4 AR-1016-2

R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 27756
Conc: 21.64 ng/ml



#4 AR-1016-2

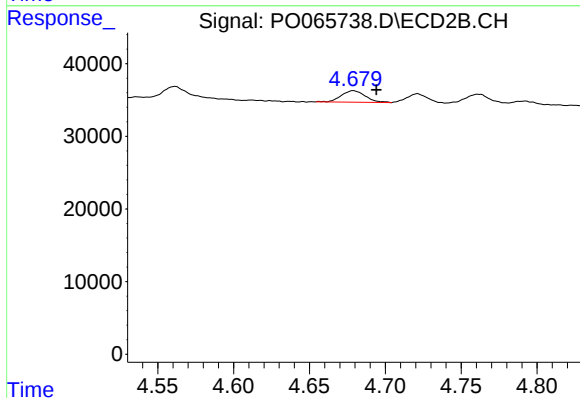
R.T.: 4.506 min
Delta R.T.: -0.004 min
Response: 33813
Conc: 23.33 ng/ml



#5 AR-1016-3

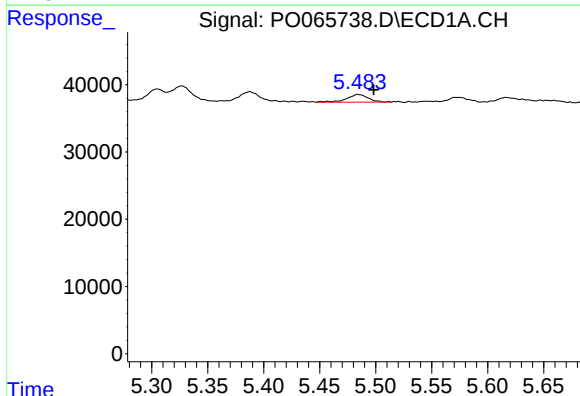
R.T.: 5.388 min
Delta R.T.: -0.014 min
Response: 19090
Conc: 24.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



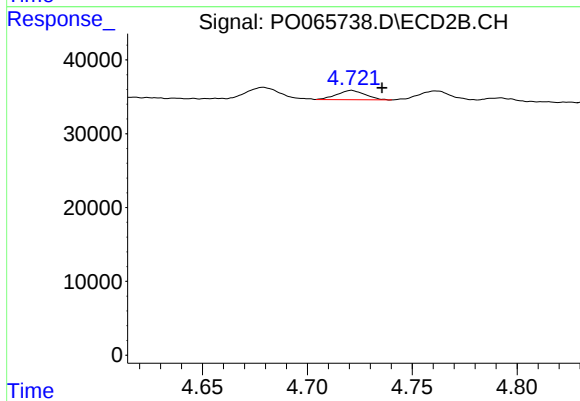
#5 AR-1016-3

R.T.: 4.679 min
Delta R.T.: -0.015 min
Response: 17688
Conc: 22.75 ng/ml



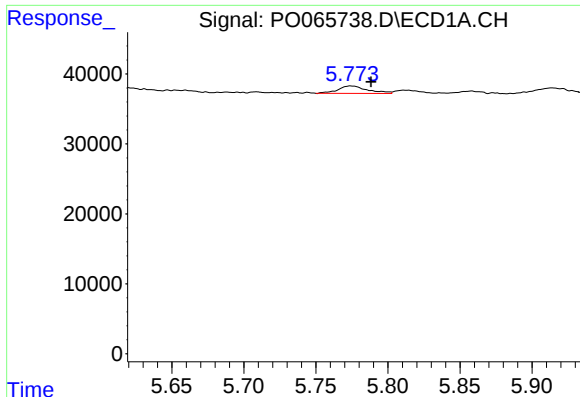
#6 AR-1016-4

R.T.: 5.484 min
Delta R.T.: -0.014 min
Response: 15134
Conc: 23.46 ng/ml



#6 AR-1016-4

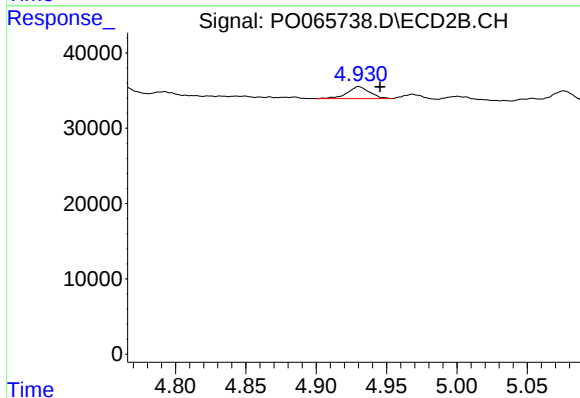
R.T.: 4.721 min
Delta R.T.: -0.015 min
Response: 11795
Conc: 17.64 ng/ml



#7 AR-1016-5

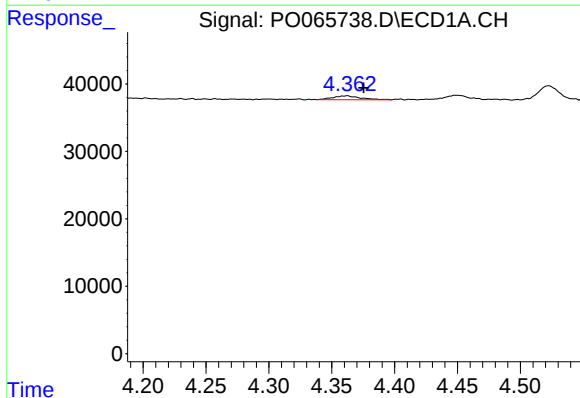
R.T.: 5.774 min
Delta R.T.: -0.014 min
Response: 15303
Conc: 23.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



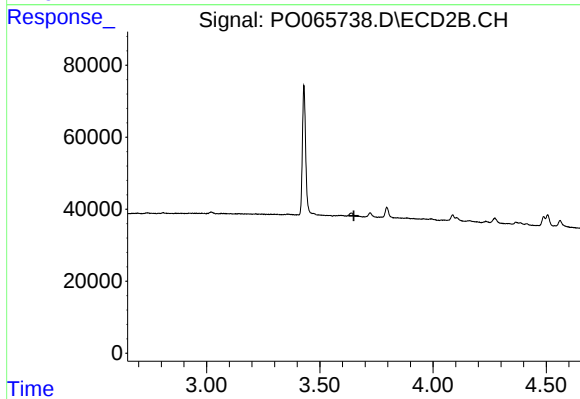
#7 AR-1016-5

R.T.: 4.930 min
Delta R.T.: -0.015 min
Response: 17577
Conc: 20.66 ng/ml



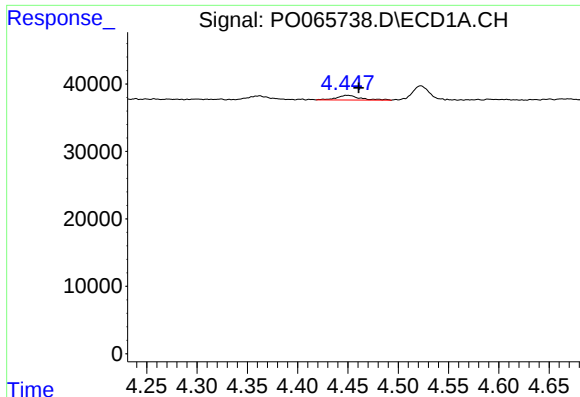
#8 AR-1221-1

R.T.: 4.362 min
Delta R.T.: -0.013 min
Response: 8742
Conc: 42.17 ng/ml



#8 AR-1221-1

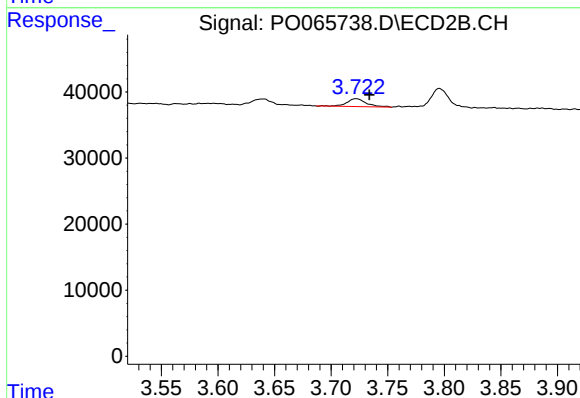
R.T.: 0.000 min
Exp R.T.: 3.650 min
Response: 0
Conc: N.D.



#9 AR-1221-2

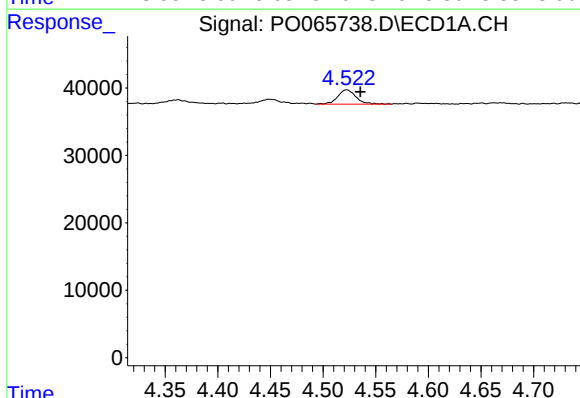
R.T.: 4.449 min
Delta R.T.: -0.011 min
Response: 11328
Conc: 72.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



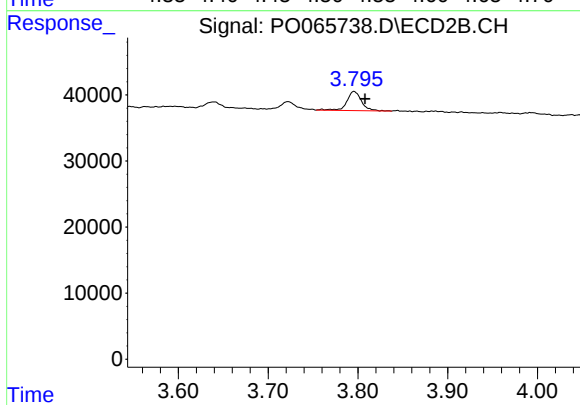
#9 AR-1221-2

R.T.: 3.722 min
Delta R.T.: -0.012 min
Response: 14004
Conc: 71.02 ng/ml



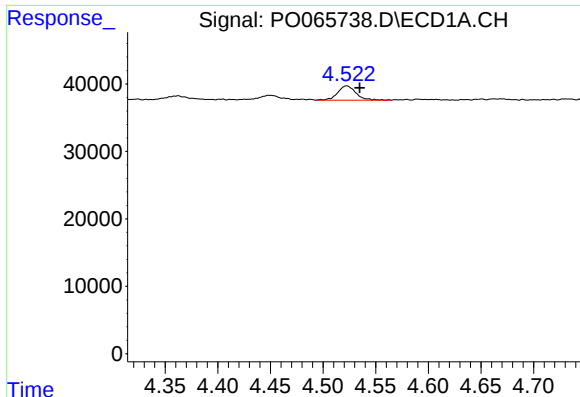
#10 AR-1221-3

R.T.: 4.522 min
Delta R.T.: -0.013 min
Response: 25744
Conc: 49.30 ng/ml



#10 AR-1221-3

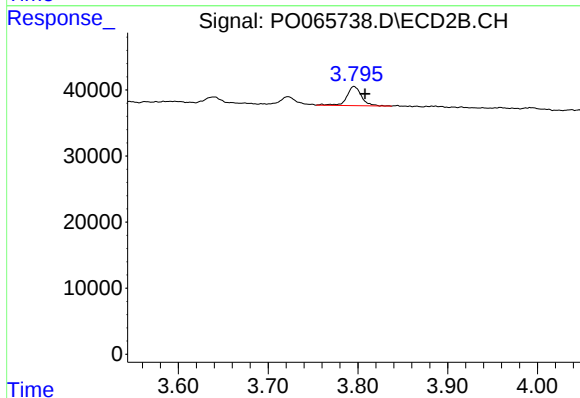
R.T.: 3.796 min
Delta R.T.: -0.012 min
Response: 32793
Conc: 50.90 ng/ml



#11 AR-1232-1

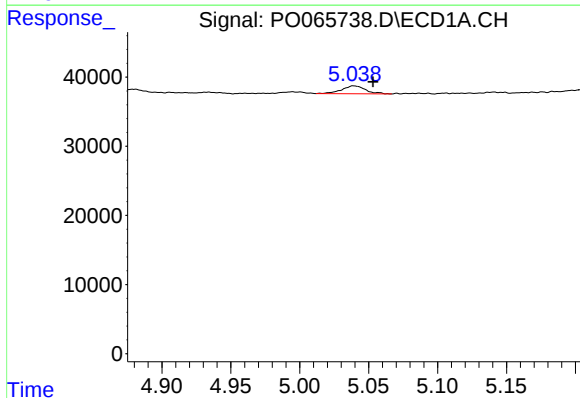
R.T.: 4.522 min
Delta R.T.: -0.012 min
Response: 25744
Conc: 63.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



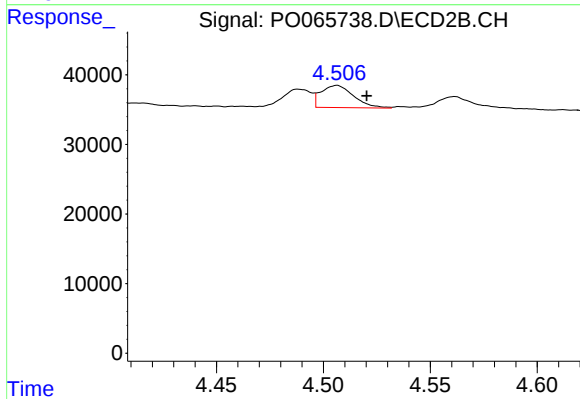
#11 AR-1232-1

R.T.: 3.796 min
Delta R.T.: -0.012 min
Response: 32793
Conc: 65.82 ng/ml



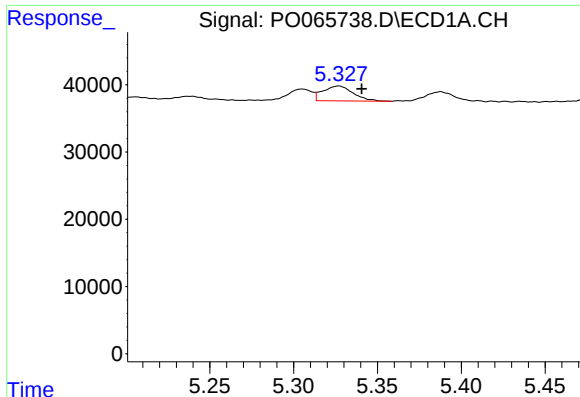
#12 AR-1232-2

R.T.: 5.039 min
Delta R.T.: -0.014 min
Response: 13874
Conc: 65.97 ng/ml



#12 AR-1232-2

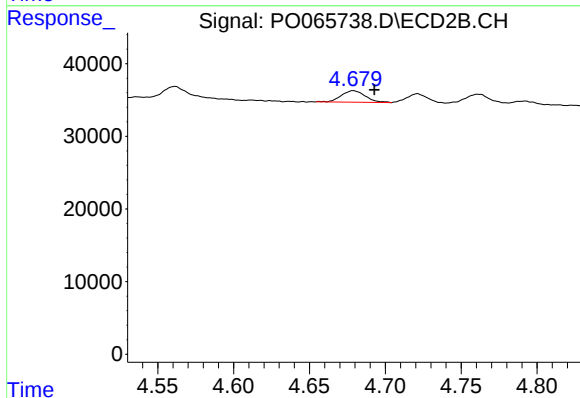
R.T.: 4.506 min
Delta R.T.: -0.014 min
Response: 33813
Conc: 62.71 ng/ml



#13 AR-1232-3

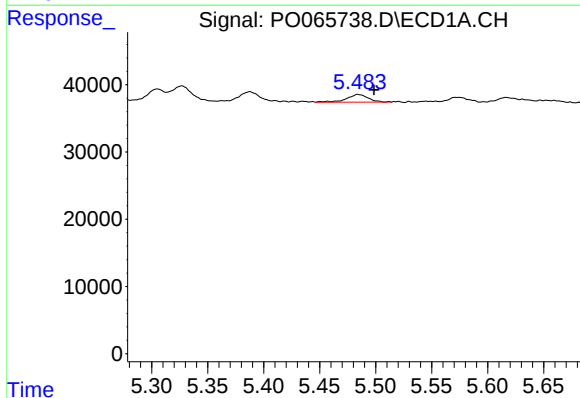
R.T.: 5.327 min
Delta R.T.: -0.014 min
Response: 27756
Conc: 59.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



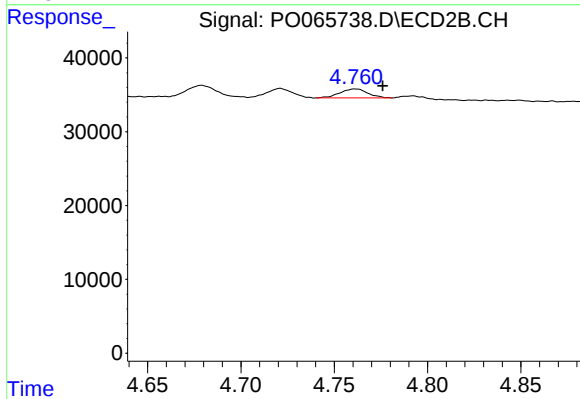
#13 AR-1232-3

R.T.: 4.679 min
Delta R.T.: -0.014 min
Response: 17688
Conc: 62.18 ng/ml



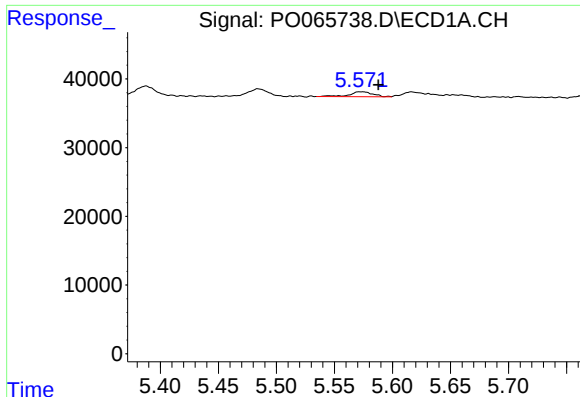
#14 AR-1232-4

R.T.: 5.484 min
Delta R.T.: -0.014 min
Response: 15134
Conc: 64.87 ng/ml



#14 AR-1232-4

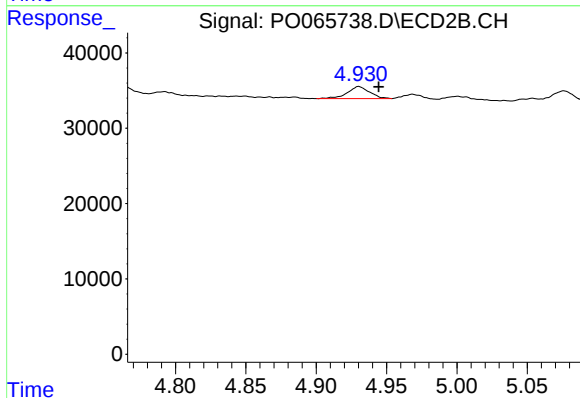
R.T.: 4.761 min
Delta R.T.: -0.014 min
Response: 12696
Conc: 47.49 ng/ml



#15 AR-1232-5

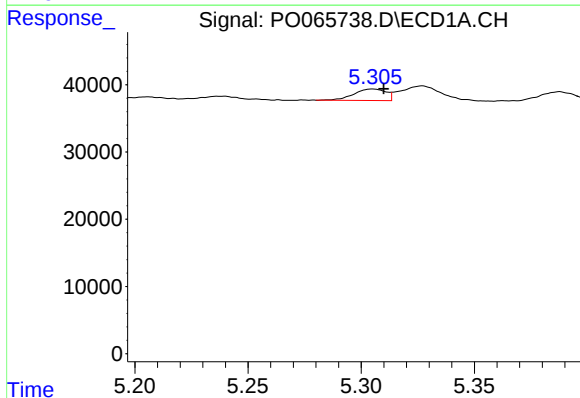
R.T.: 5.573 min
Delta R.T.: -0.015 min
Response: 10227
Conc: 57.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



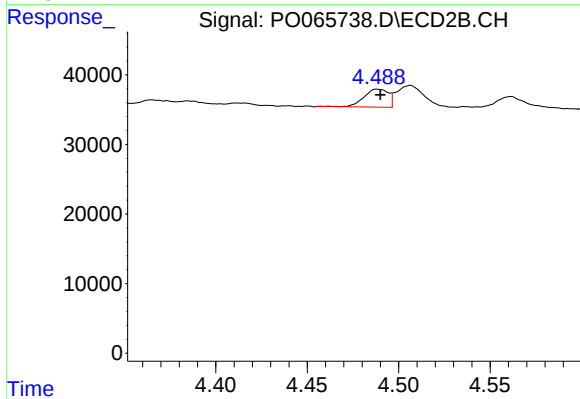
#15 AR-1232-5

R.T.: 4.930 min
Delta R.T.: -0.014 min
Response: 17577
Conc: 61.31 ng/ml



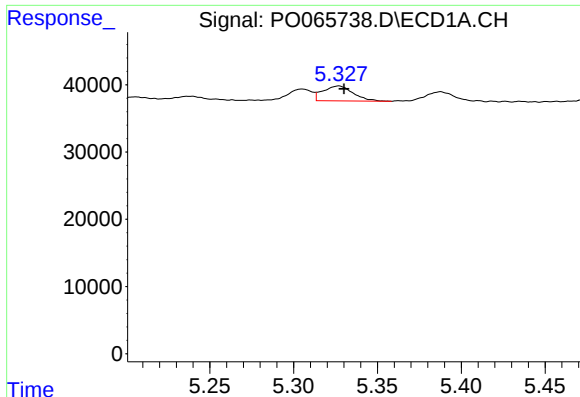
#16 AR-1242-1

R.T.: 5.305 min
Delta R.T.: -0.005 min
Response: 16797
Conc: 28.85 ng/ml



#16 AR-1242-1

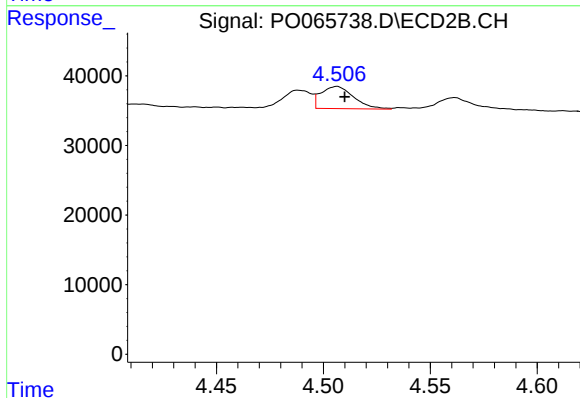
R.T.: 4.489 min
Delta R.T.: -0.001 min
Response: 23842
Conc: 34.98 ng/ml



#17 AR-1242-2

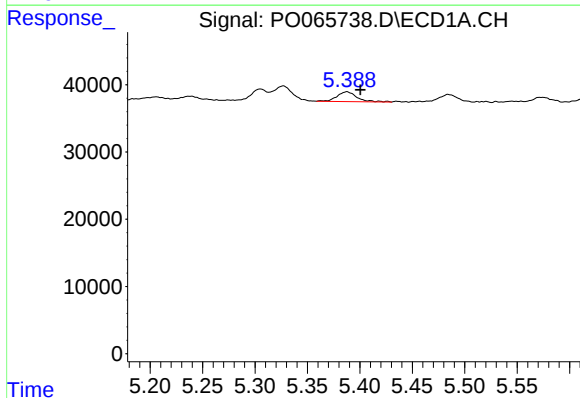
R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 27756
Conc: 32.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



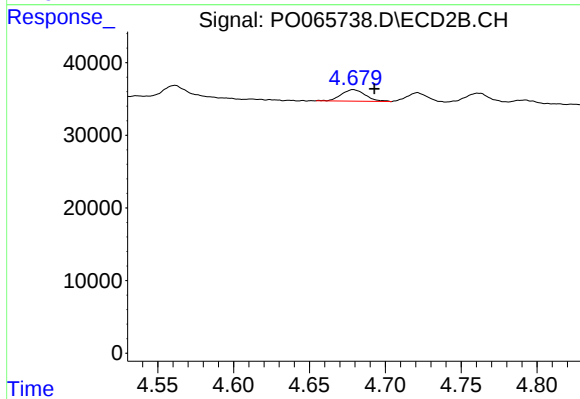
#17 AR-1242-2

R.T.: 4.506 min
Delta R.T.: -0.004 min
Response: 33813
Conc: 35.28 ng/ml



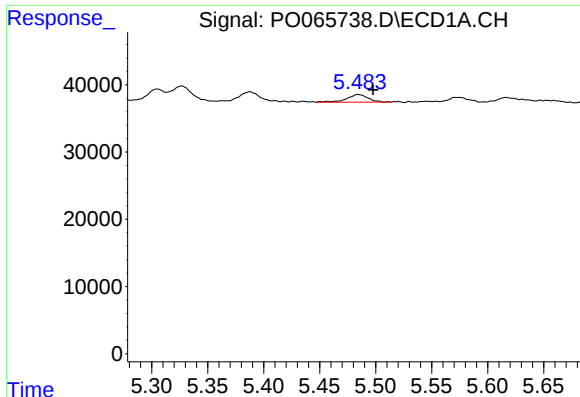
#18 AR-1242-3

R.T.: 5.388 min
Delta R.T.: -0.013 min
Response: 19090
Conc: 36.41 ng/ml



#18 AR-1242-3

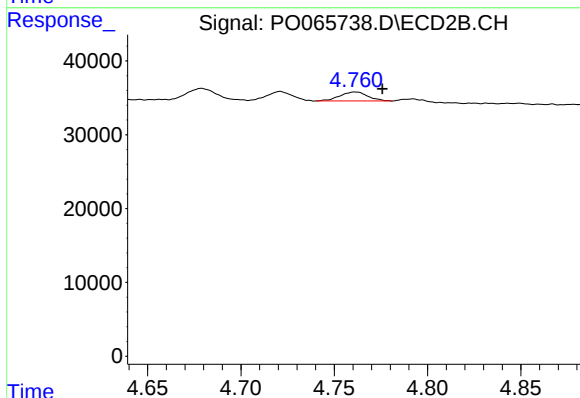
R.T.: 4.679 min
Delta R.T.: -0.014 min
Response: 17688
Conc: 34.51 ng/ml



#19 AR-1242-4

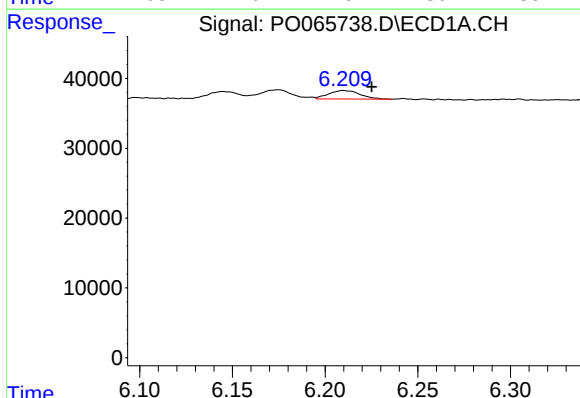
R.T.: 5.484 min
Delta R.T.: -0.013 min
Response: 15134
Conc: 35.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



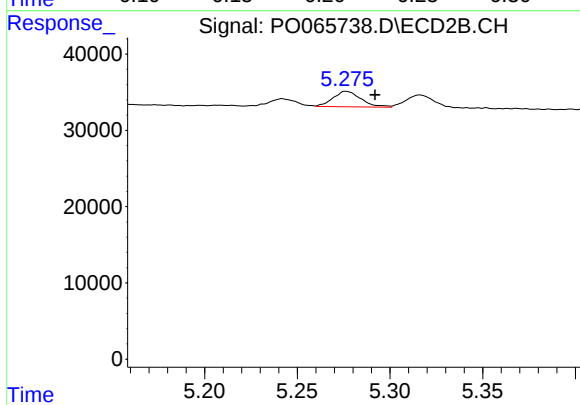
#19 AR-1242-4

R.T.: 4.761 min
Delta R.T.: -0.014 min
Response: 12696
Conc: 24.29 ng/ml



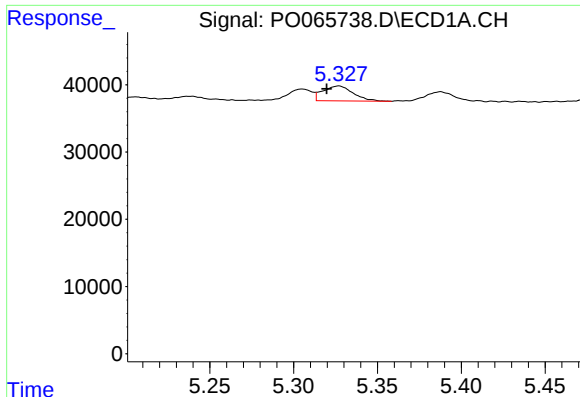
#20 AR-1242-5

R.T.: 6.210 min
Delta R.T.: -0.015 min
Response: 14496
Conc: 26.62 ng/ml



#20 AR-1242-5

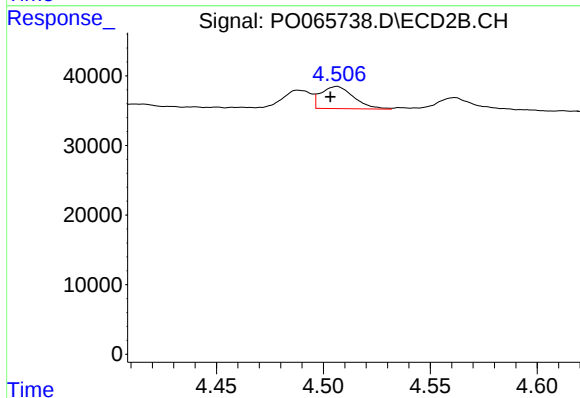
R.T.: 5.277 min
Delta R.T.: -0.015 min
Response: 21227
Conc: 29.21 ng/ml



#21 AR-1248-1

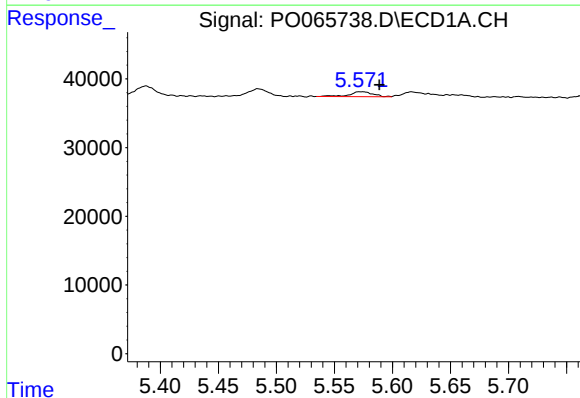
R.T.: 5.327 min
Delta R.T.: 0.007 min
Response: 27756
Conc: 59.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



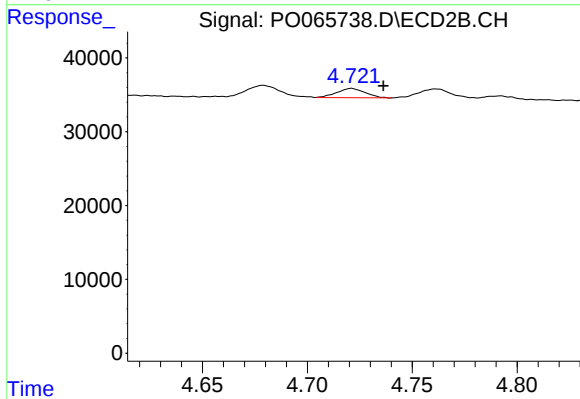
#21 AR-1248-1

R.T.: 4.506 min
Delta R.T.: 0.003 min
Response: 33813
Conc: 60.99 ng/ml



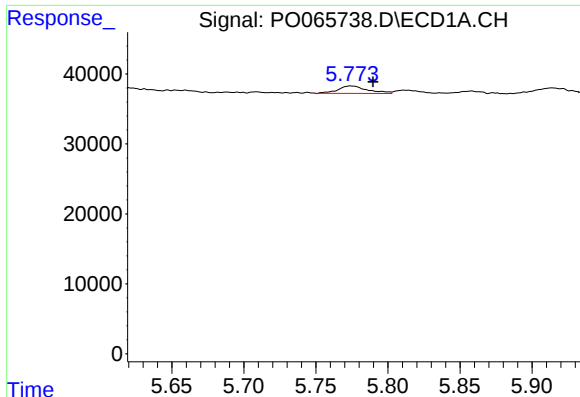
#22 AR-1248-2

R.T.: 5.573 min
Delta R.T.: -0.016 min
Response: 10227
Conc: 15.50 ng/ml



#22 AR-1248-2

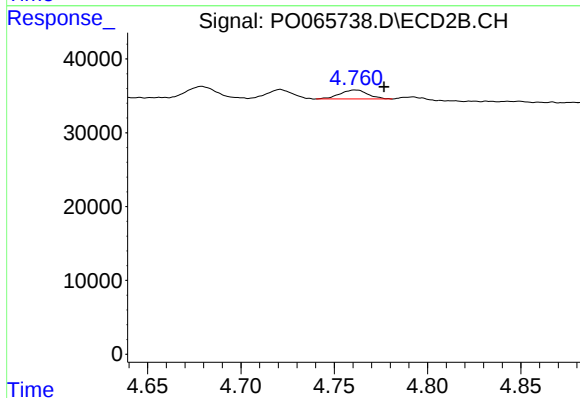
R.T.: 4.721 min
Delta R.T.: -0.015 min
Response: 11795
Conc: 15.37 ng/ml



#23 AR-1248-3

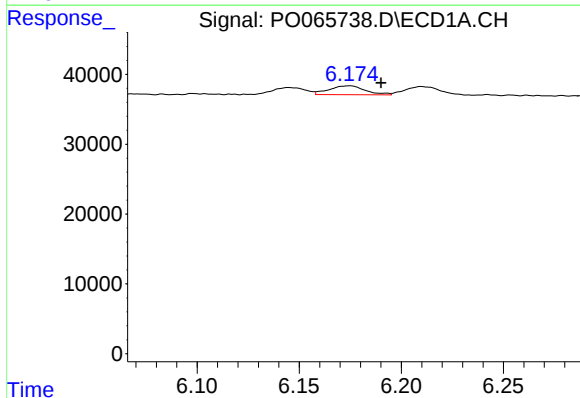
R.T.: 5.774 min
Delta R.T.: -0.015 min
Response: 15303
Conc: 20.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



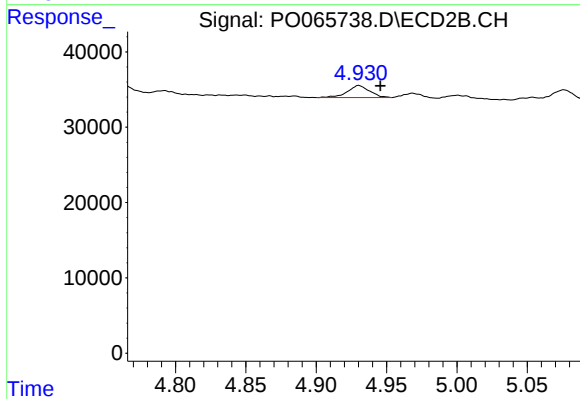
#23 AR-1248-3

R.T.: 4.761 min
Delta R.T.: -0.015 min
Response: 12696
Conc: 16.14 ng/ml



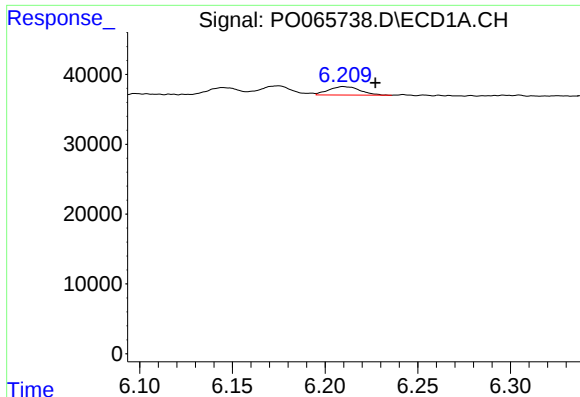
#24 AR-1248-4

R.T.: 6.175 min
Delta R.T.: -0.015 min
Response: 15879
Conc: 16.76 ng/ml



#24 AR-1248-4

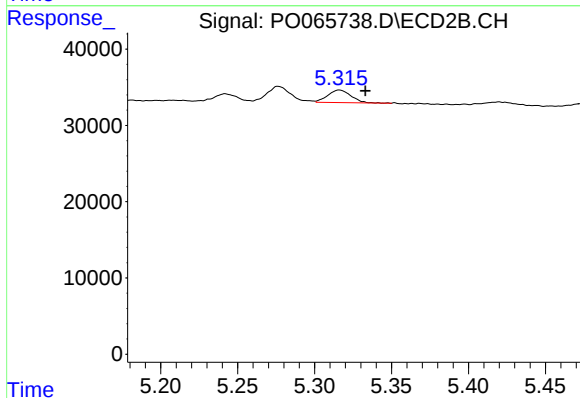
R.T.: 4.930 min
Delta R.T.: -0.015 min
Response: 17577
Conc: 18.34 ng/ml



#25 AR-1248-5

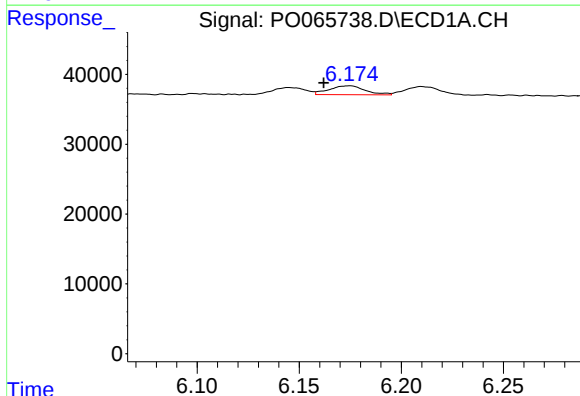
R.T.: 6.210 min
Delta R.T.: -0.017 min
Response: 14496
Conc: 15.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



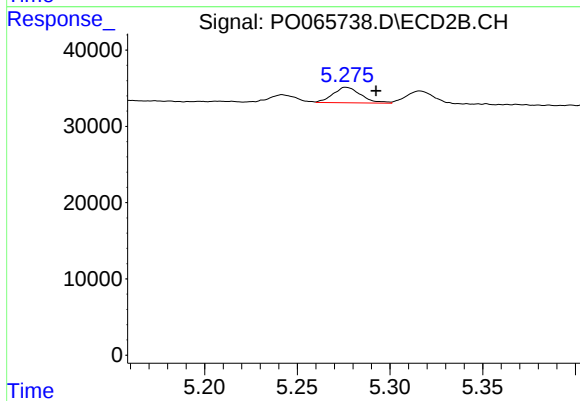
#25 AR-1248-5

R.T.: 5.316 min
Delta R.T.: -0.017 min
Response: 17370
Conc: 17.16 ng/ml



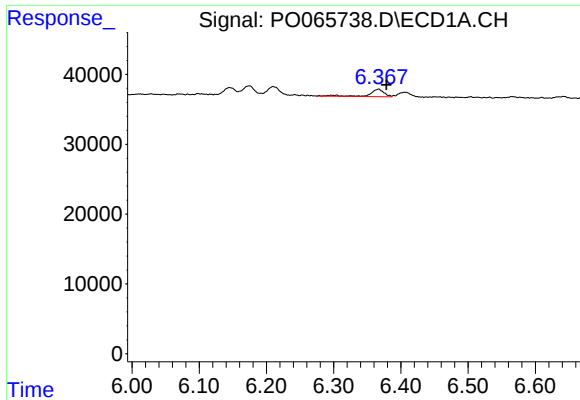
#26 AR-1254-1

R.T.: 6.175 min
Delta R.T.: 0.013 min
Response: 15879
Conc: 18.72 ng/ml



#26 AR-1254-1

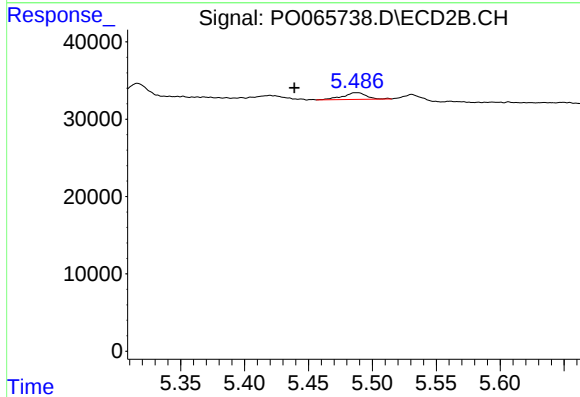
R.T.: 5.277 min
Delta R.T.: -0.016 min
Response: 21227
Conc: 14.65 ng/ml



#27 AR-1254-2

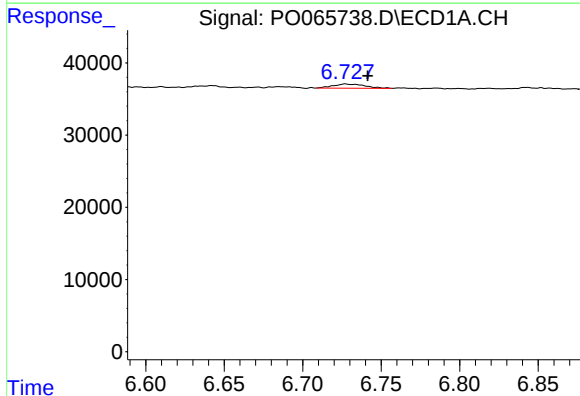
R.T.: 6.367 min
Delta R.T.: -0.012 min
Response: 15976
Conc: 11.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



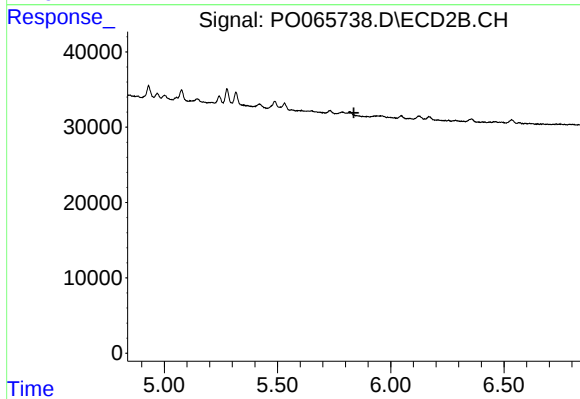
#27 AR-1254-2

R.T.: 5.488 min
Delta R.T.: 0.049 min
Response: 11317
Conc: 8.56 ng/ml



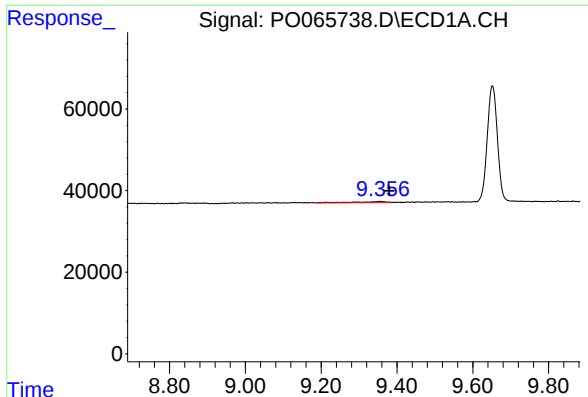
#28 AR-1254-3

R.T.: 6.727 min
Delta R.T.: -0.014 min
Response: 8207
Conc: 5.30 ng/ml



#28 AR-1254-3

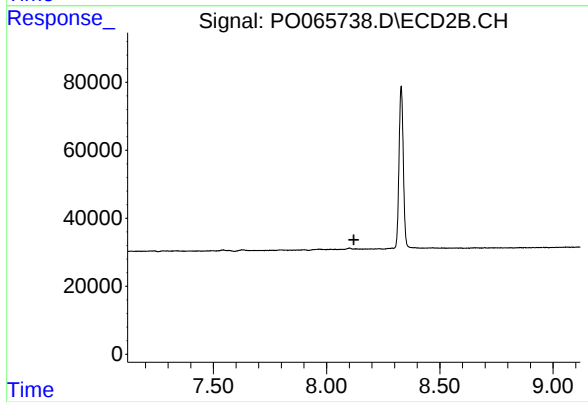
R.T.: 0.000 min
Exp R.T.: 5.837 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.357 min
Delta R.T.: -0.023 min
Response: 16071
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.120 min
Response: 0
Conc: N.D.