

Data Path : P:\HPCHEM1\ECD_0\Data\P0041118\
 Data File : P0043798.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Apr 2018 16:02
 Operator : SM/UA
 Sample : J1161-01
 Misc : AR1660 LOD SOIL 25PPB
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 01:20:41 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0040418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 04 15:17:57 2018
 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...	4.071	3.324	5302120	6097908	29.824	22.695
2) SA Decachlor...	9.409	8.085	3703491	4497734	20.551	19.185
Target Compounds						
3) L1 AR-1016-1	4.933	4.138	209930	239225	47.611	35.086 #
4) L1 AR-1016-2	5.272	4.572	258498	144275	43.658	24.759 #
5) L1 AR-1016-3	5.366	4.612	212807	146890	44.088	20.821 #
6) L1 AR-1016-4	5.784	4.776	162042	266497	28.880	34.521
7) L1 AR-1016-5	6.016	5.111	91738	305172	19.334	40.980 #
9) L2 AR-1221-2	0.000	3.678	0	170300	N.D.	48.599 #
10) L2 AR-1221-3	0.000	3.678	0	170300	N.D.	15.204 #
11) L3 AR-1232-1	0.000	3.678	0	170300	N.D.	29.063 #
12) L3 AR-1232-2	5.190	4.364	281438	865611	96.541	72.468
13) L3 AR-1232-3	5.212	4.420	491975	338645	102.510	65.138 #
14) L3 AR-1232-4	5.272	4.532	258498	193983	92.119	48.029 #
15) L3 AR-1232-5	5.366	4.572	212807	144275	96.071	49.153 #
16) L4 AR-1242-1	4.747	4.138	135375	239225	39.305	40.735
17) L4 AR-1242-2	5.212	4.364	491975	865611	61.593	42.061 #
18) L4 AR-1242-3	5.366	4.532	212807	193983	55.193	30.593 #
19) L4 AR-1242-4	5.650	4.612	152269	146890	38.517	24.057 #
20) L4 AR-1242-5	5.784	4.776	162042	266497	35.076	41.440
21) L5 AR-1248-1	5.650	4.776	152269	266497	21.681	23.062
22) L5 AR-1248-2	5.784	4.915	162042	249342	26.208	23.516
23) L5 AR-1248-3	6.016	5.111	91738	305172	10.524	17.386 #
24) L5 AR-1248-4	6.016	5.111	91738	305172	10.236	21.760 #
25) L5 AR-1248-5	0.000	5.650	0	298675	N.D.	30.644 #
26) L6 AR-1254-1	0.000	5.111	0	305172	N.D.	14.023 #
27) L6 AR-1254-2	0.000	5.253	0	189469	N.D.	9.775 #
28) L6 AR-1254-3	6.586	5.650	203422	298675	12.326	9.434
30) L6 AR-1254-5	7.117	0.000	225227	0	23.091	N.D. #
31) L7 AR-1260-1	6.742	5.763	389246	573219	38.636	34.296
32) L7 AR-1260-2	6.993	5.951	475666	954853	37.074	45.125
33) L7 AR-1260-3	7.345	6.266	332614	771450	32.897	35.033
34) L7 AR-1260-4	7.864	6.794	715079	1336582	34.562	36.183
35) L7 AR-1260-5	8.148	7.128	408442	870204	32.625	33.839
36) L8 AR-1262-1	6.742	5.951	389246	954853	40.497	43.889
37) L8 AR-1262-2	6.993	6.093	475666	640911	38.839	31.753
38) L8 AR-1262-3	7.268	6.300	527365	710686	46.812	20.402 #
39) L8 AR-1262-4	7.565	6.551	358264	504156	23.950	18.590
40) L8 AR-1262-5	7.864	6.794	715079	1336582	23.497	22.922

Data Path : P:\HPCHEM1\ECD_0\Data\P0041118\
Data File : P0043798.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Apr 2018 16:02
Operator : SM/UA
Sample : J1161-01
Misc : AR1660 LOD SOIL 25PPB
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 01:20:41 2018
Quant Method : P:\HPCHEM1\ECD_0\methods\P0040418.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 04 15:17:57 2018
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
41)	L9 AR-1268-1	8.148	7.063	408442	310708	12.974	5.335 #
42)	L9 AR-1268-2	0.000	7.128	0	870204	N.D.	16.674 #
44)	L9 AR-1268-4	8.777	7.617	200594	253640	20.333	15.505

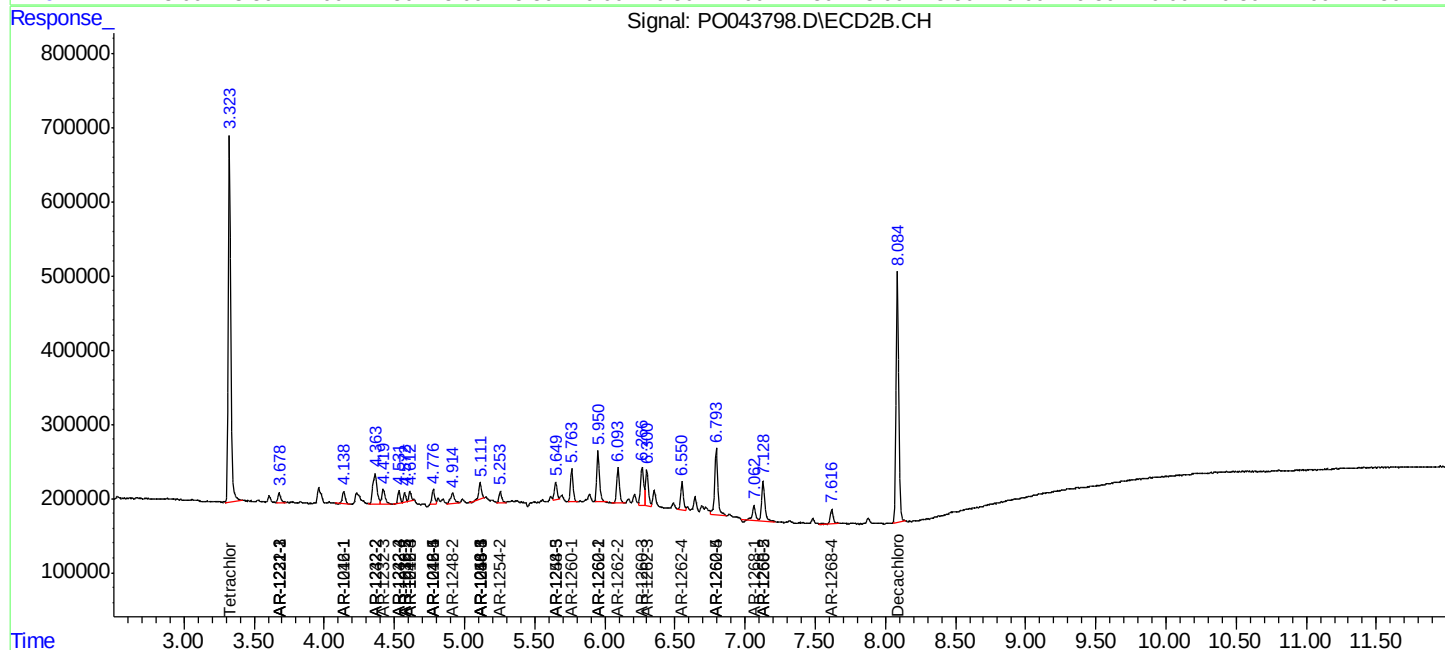
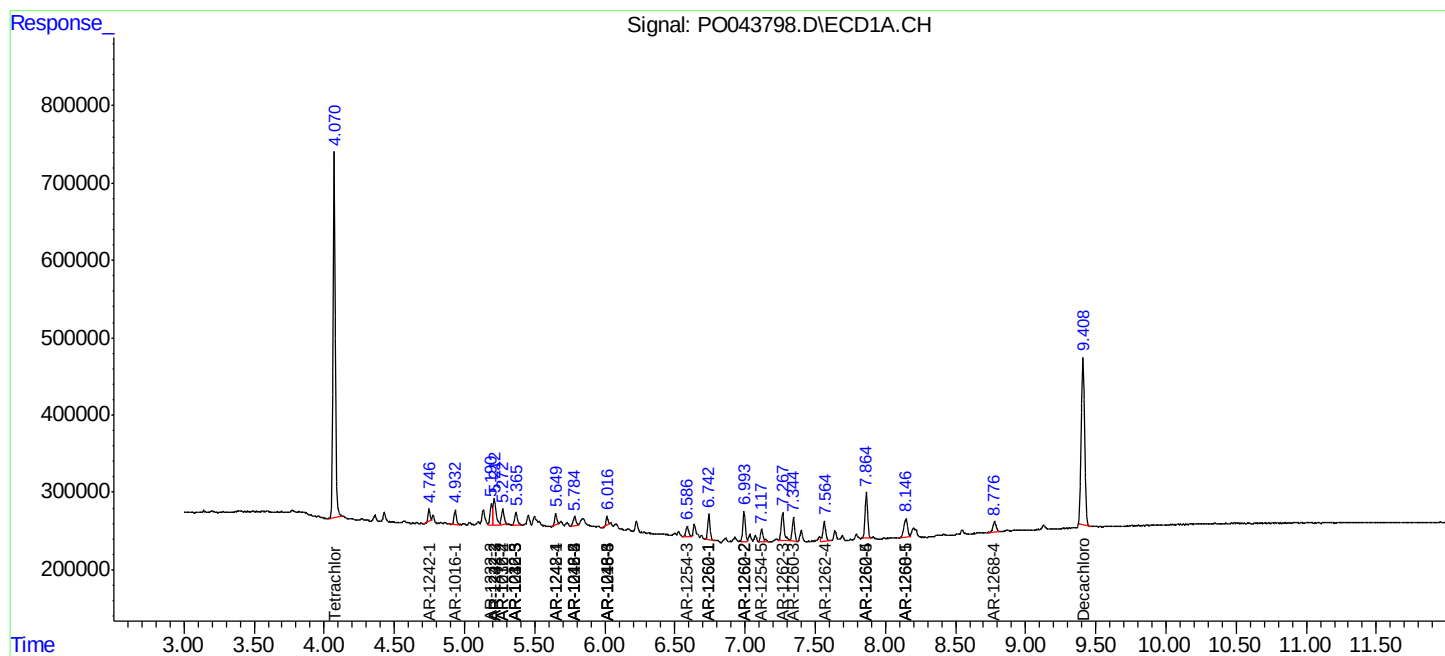
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

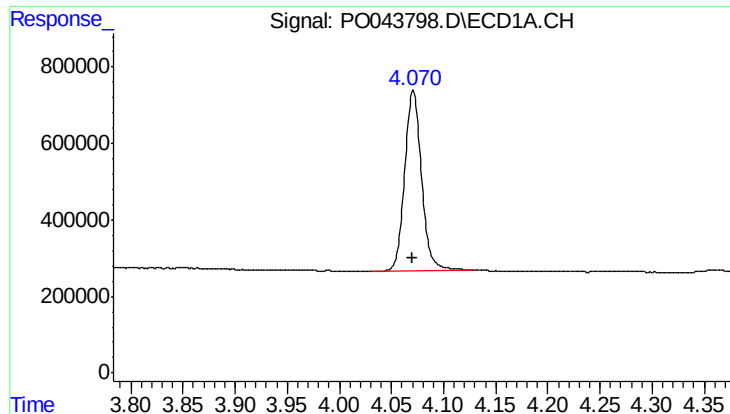
Data Path : P:\HPCHEM1\ECD_0\Data\PO041118\
Data File : PO043798.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Apr 2018 16:02
Operator : SM/UA
Sample : J1161-01
Misc : AR1660 LOD SOIL 25PPB
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 01:20:41 2018
Quant Method : P:\HPCHEM1\ECD_0\methods\PO040418.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 04 15:17:57 2018
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

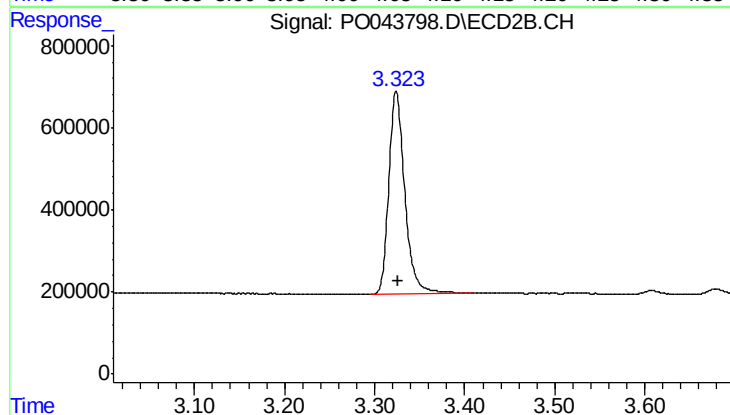




#1 Tetrachloro-m-xylene

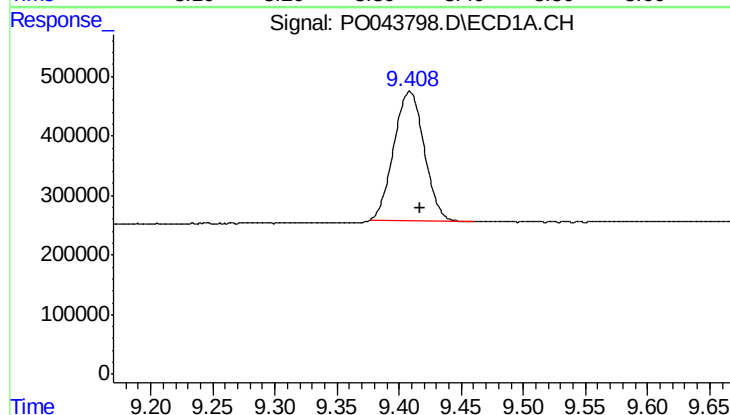
R.T.: 4.071 min
Delta R.T.: 0.001 min
Response: 5302120
Conc: 29.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



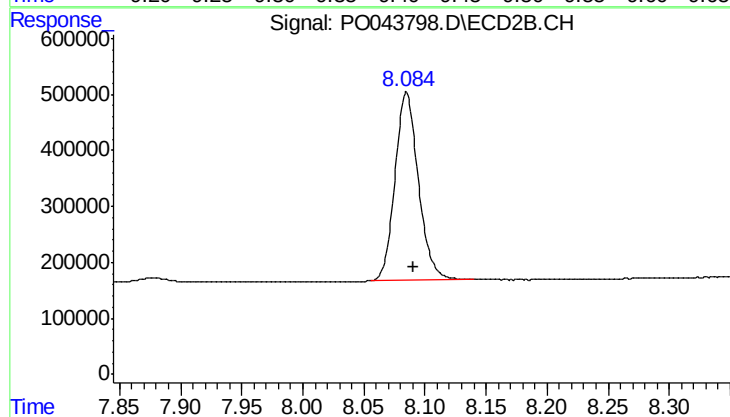
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: -0.002 min
Response: 6097908
Conc: 22.70 ng/ml



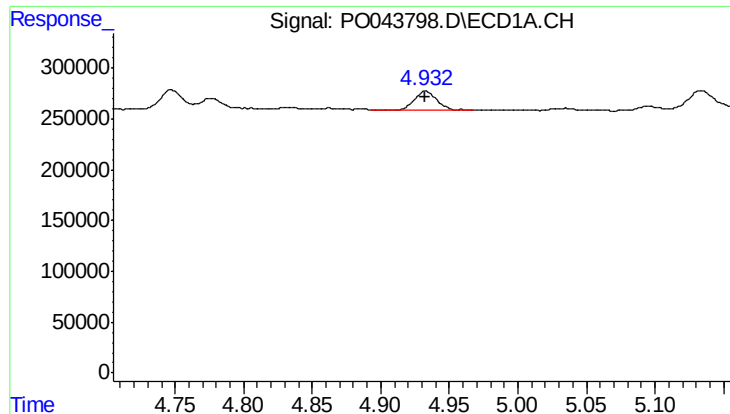
#2 Decachlorobiphenyl

R.T.: 9.409 min
Delta R.T.: -0.008 min
Response: 3703491
Conc: 20.55 ng/ml



#2 Decachlorobiphenyl

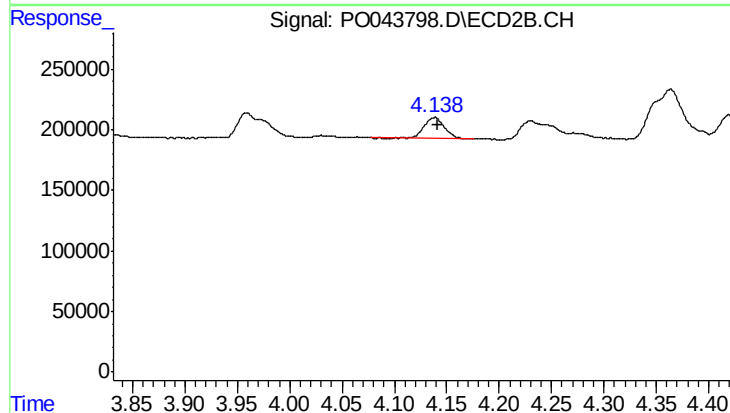
R.T.: 8.085 min
Delta R.T.: -0.006 min
Response: 4497734
Conc: 19.18 ng/ml



#3 AR-1016-1

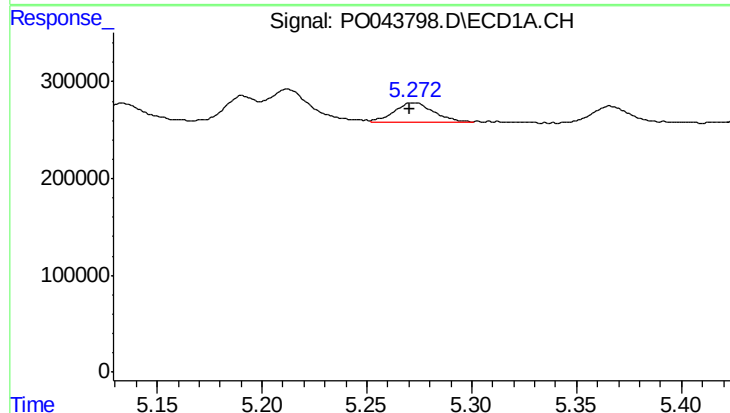
R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 209930
Conc: 47.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



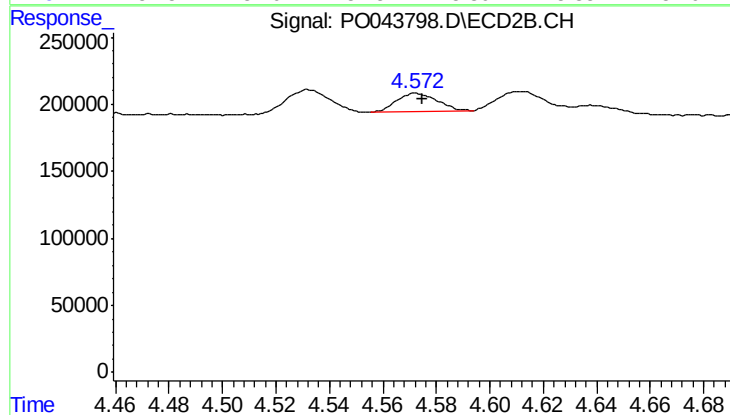
#3 AR-1016-1

R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 239225
Conc: 35.09 ng/ml



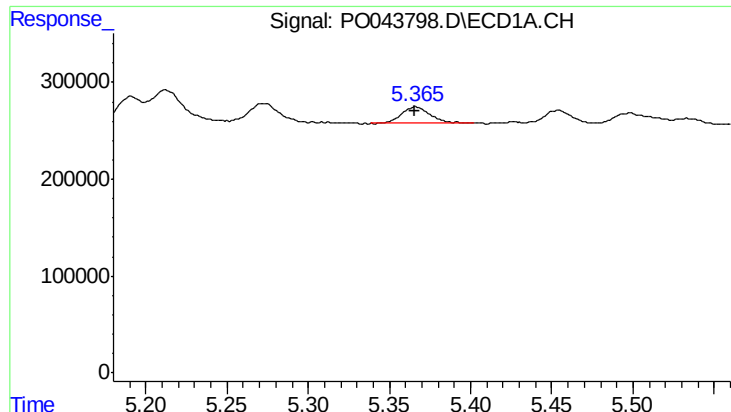
#4 AR-1016-2

R.T.: 5.272 min
Delta R.T.: 0.002 min
Response: 258498
Conc: 43.66 ng/ml



#4 AR-1016-2

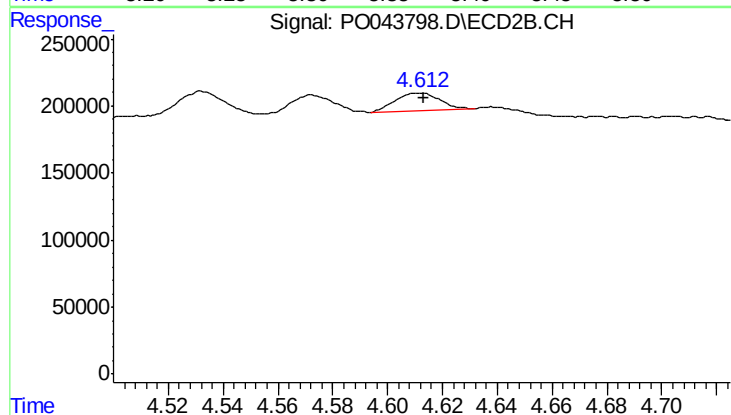
R.T.: 4.572 min
Delta R.T.: -0.002 min
Response: 144275
Conc: 24.76 ng/ml



#5 AR-1016-3

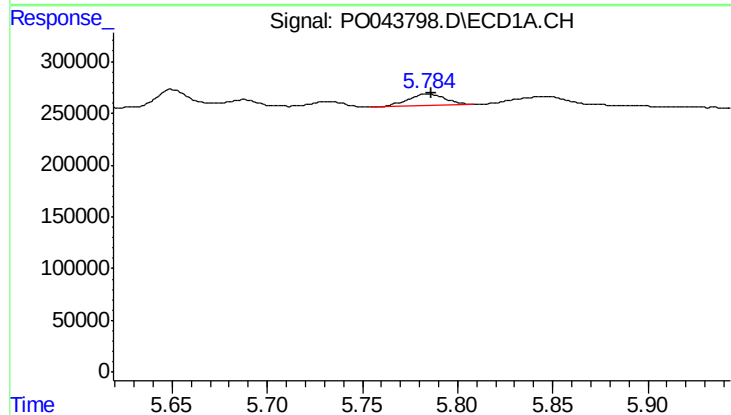
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 212807
Conc: 44.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



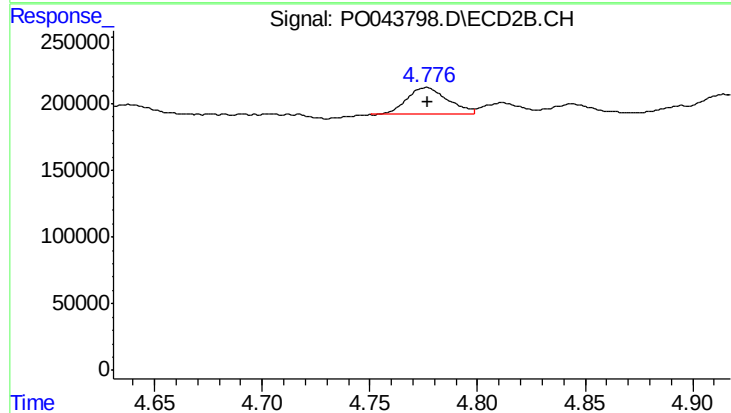
#5 AR-1016-3

R.T.: 4.612 min
Delta R.T.: -0.001 min
Response: 146890
Conc: 20.82 ng/ml



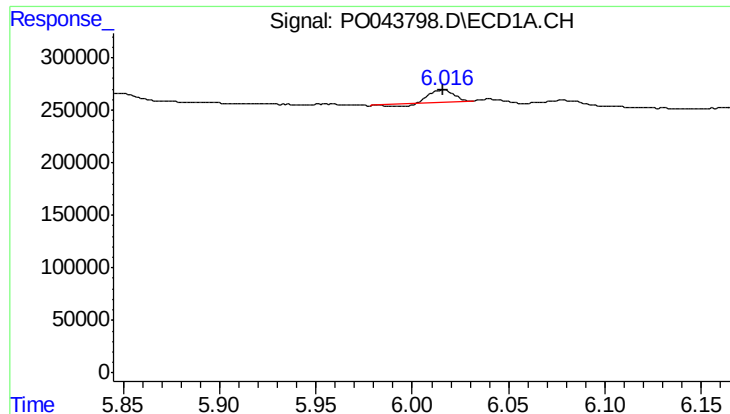
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 162042
Conc: 28.88 ng/ml



#6 AR-1016-4

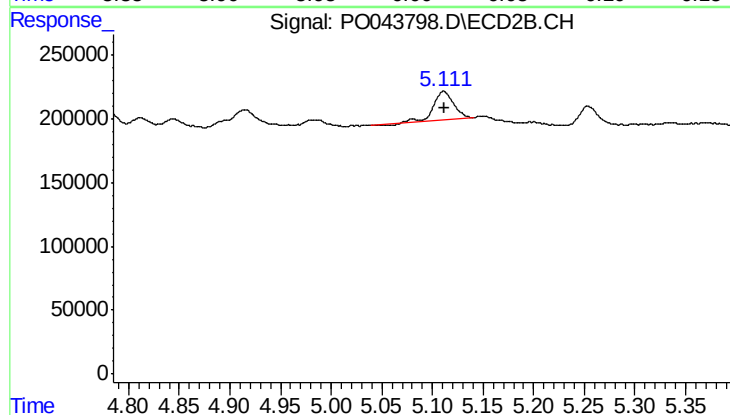
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 266497
Conc: 34.52 ng/ml



#7 AR-1016-5

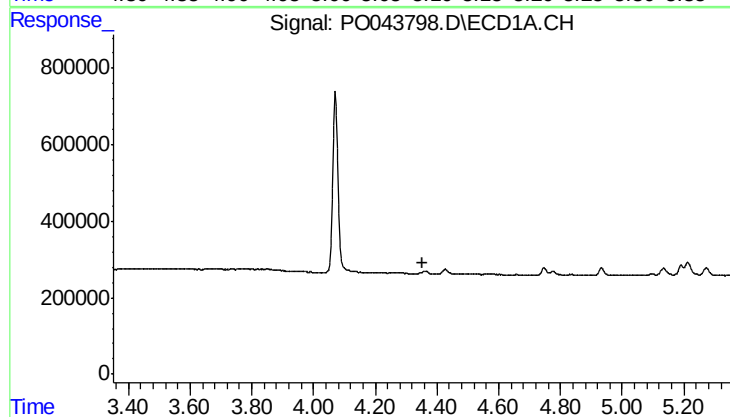
R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 91738
Conc: 19.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



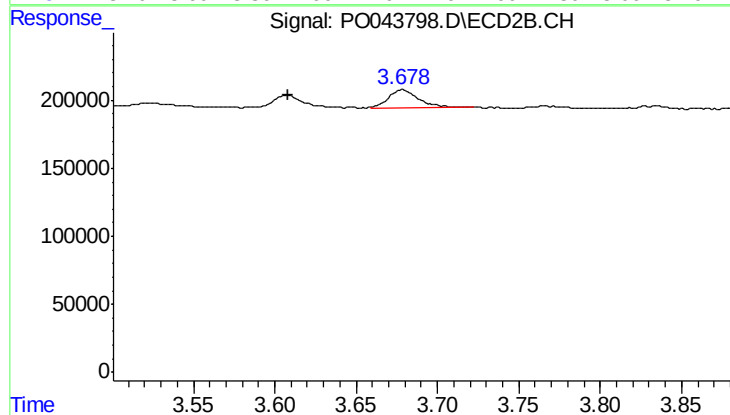
#7 AR-1016-5

R.T.: 5.111 min
Delta R.T.: -0.001 min
Response: 305172
Conc: 40.98 ng/ml



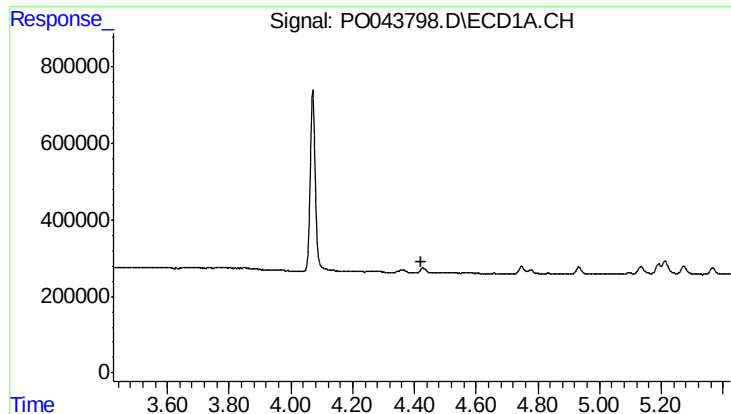
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.351 min
Response: 0
Conc: N.D.



#9 AR-1221-2

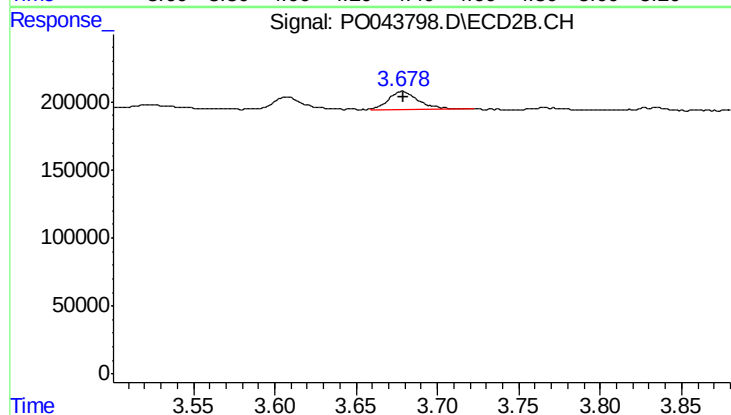
R.T.: 3.678 min
Delta R.T.: 0.070 min
Response: 170300
Conc: 48.60 ng/ml



#10 AR-1221-3

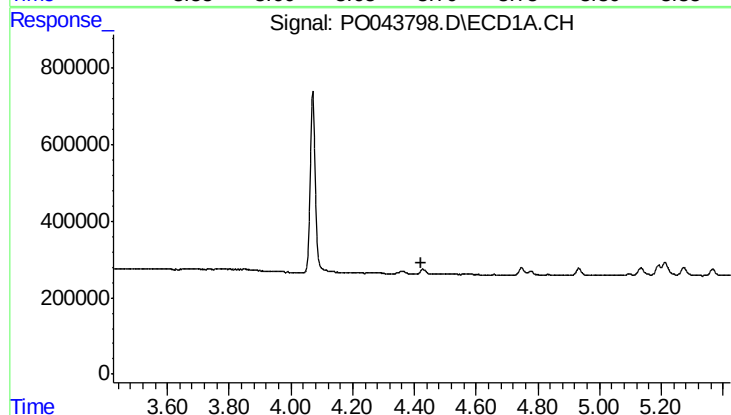
R.T.: 0.000 min
Exp R.T.: 4.424 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



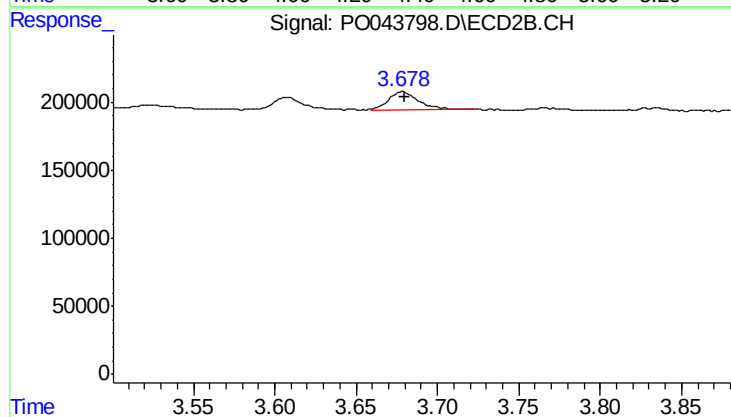
#10 AR-1221-3

R.T.: 3.678 min
Delta R.T.: 0.000 min
Response: 170300
Conc: 15.20 ng/ml



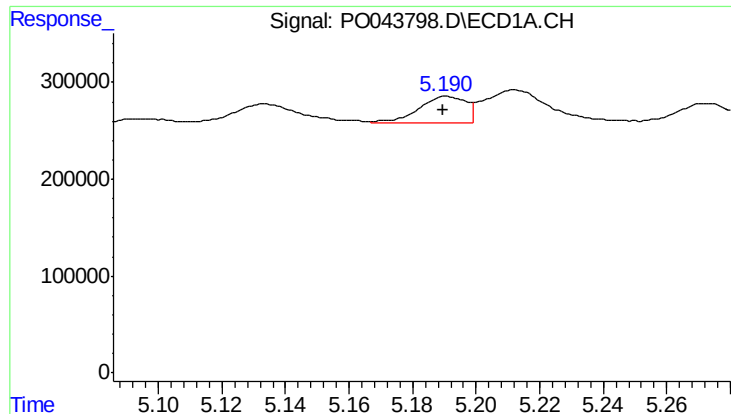
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.425 min
Response: 0
Conc: N.D.



#11 AR-1232-1

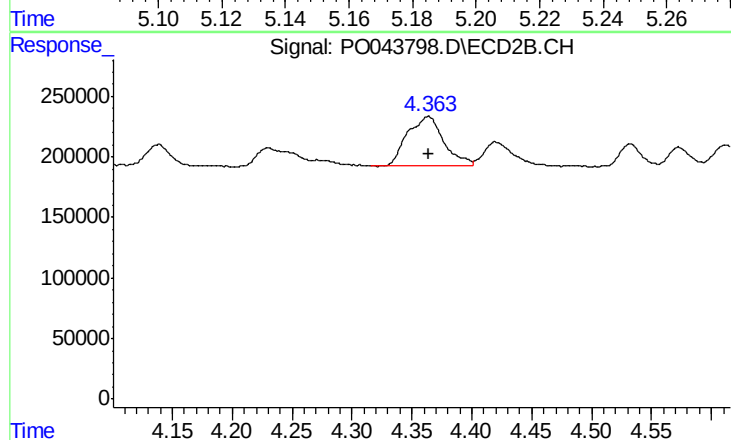
R.T.: 3.678 min
Delta R.T.: -0.001 min
Response: 170300
Conc: 29.06 ng/ml



#12 AR-1232-2

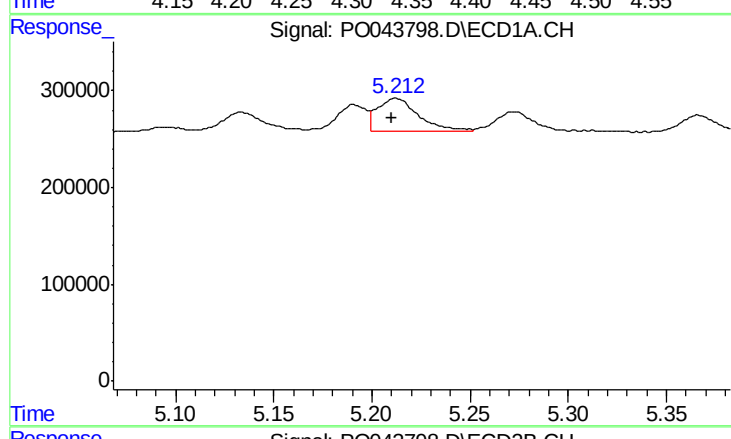
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 281438
Conc: 96.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



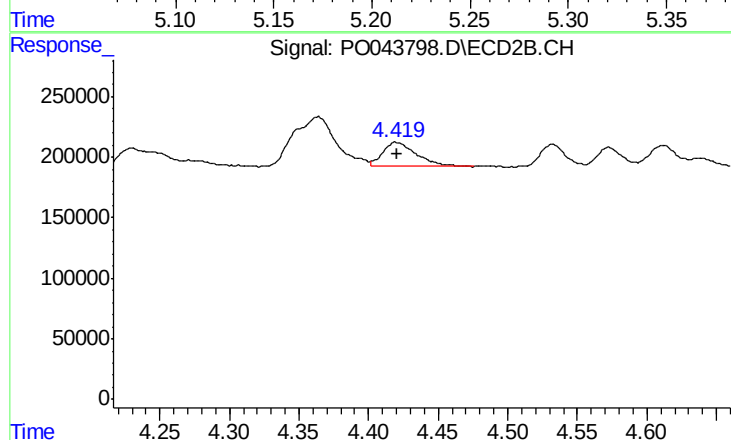
#12 AR-1232-2

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 865611
Conc: 72.47 ng/ml



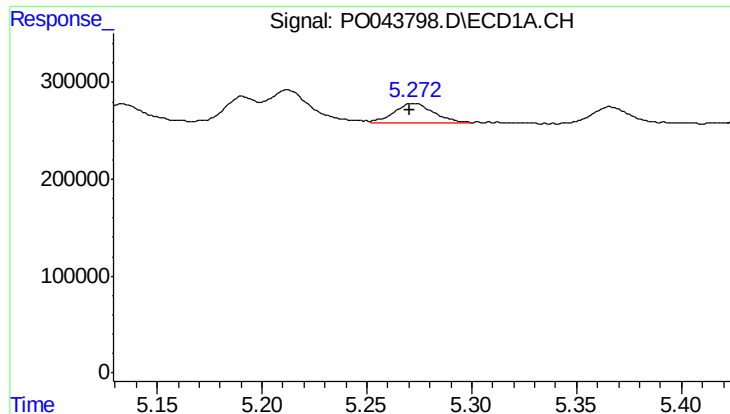
#13 AR-1232-3

R.T.: 5.212 min
Delta R.T.: 0.002 min
Response: 491975
Conc: 102.51 ng/ml



#13 AR-1232-3

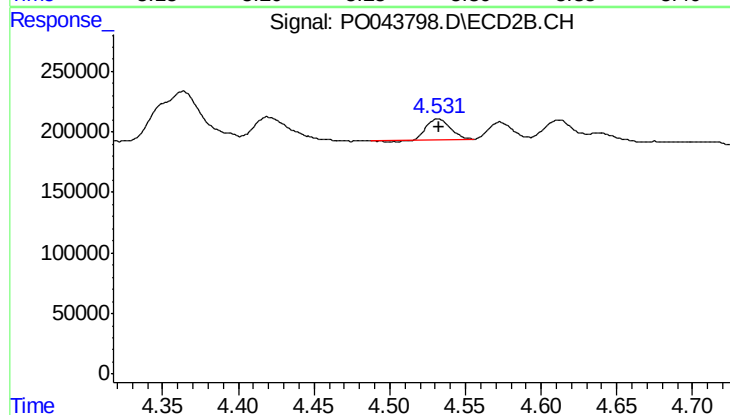
R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: 338645
Conc: 65.14 ng/ml



#14 AR-1232-4

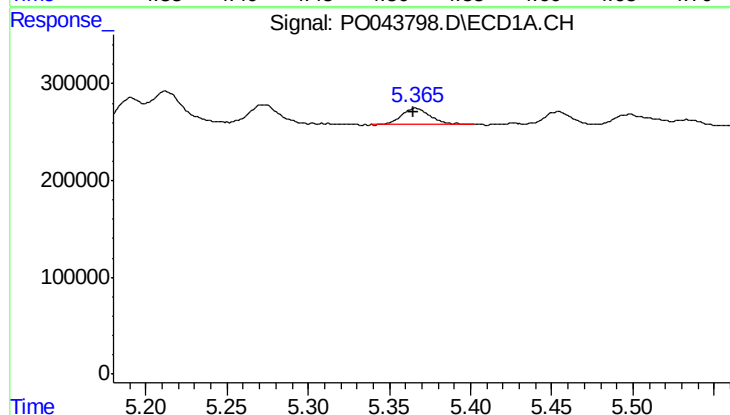
R.T.: 5.272 min
Delta R.T.: 0.002 min
Response: 258498
Conc: 92.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



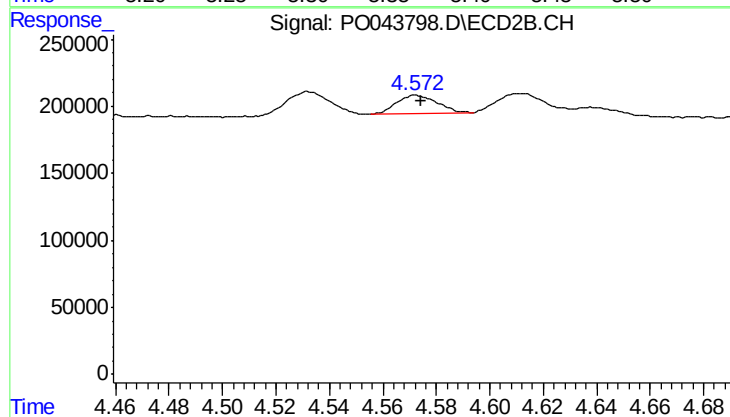
#14 AR-1232-4

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 193983
Conc: 48.03 ng/ml



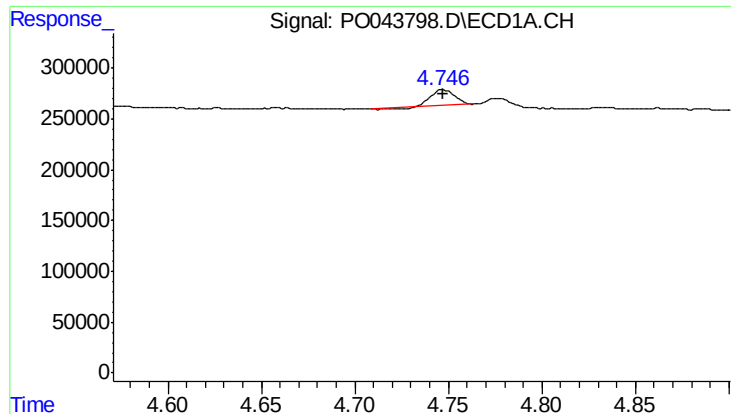
#15 AR-1232-5

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 212807
Conc: 96.07 ng/ml



#15 AR-1232-5

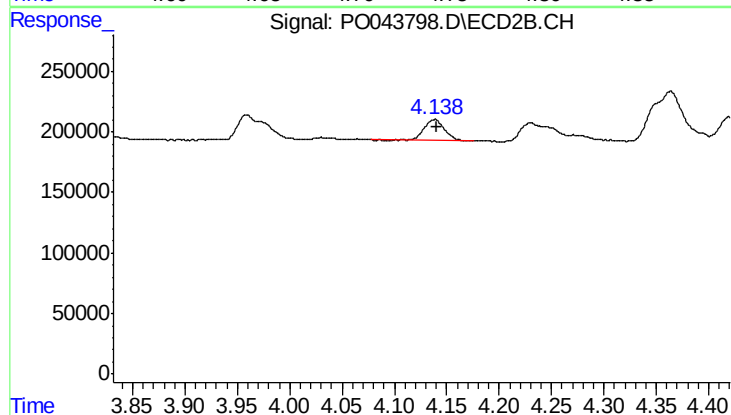
R.T.: 4.572 min
Delta R.T.: -0.002 min
Response: 144275
Conc: 49.15 ng/ml



#16 AR-1242-1

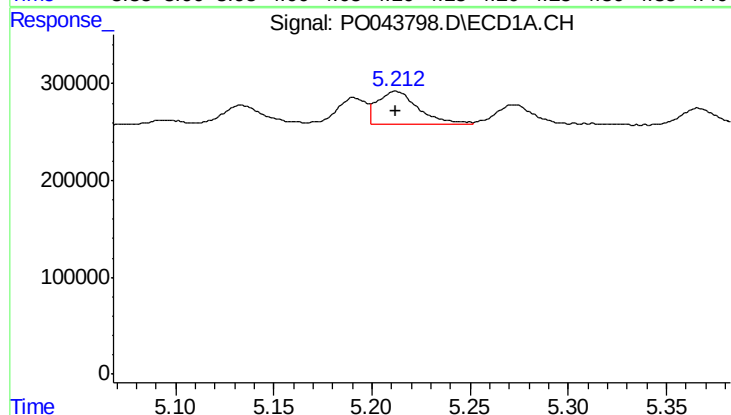
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 135375
Conc: 39.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



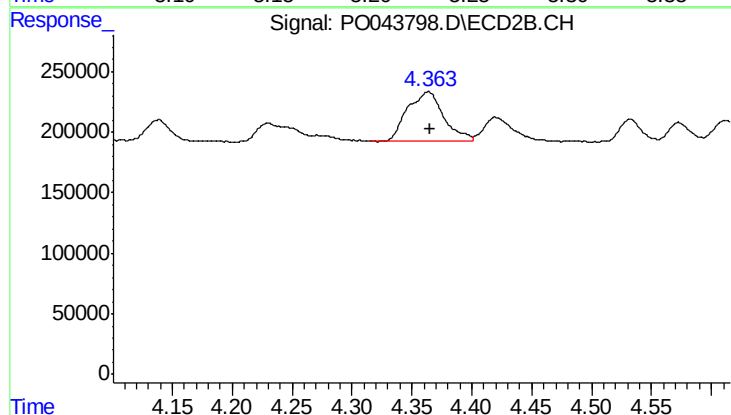
#16 AR-1242-1

R.T.: 4.138 min
Delta R.T.: -0.002 min
Response: 239225
Conc: 40.73 ng/ml



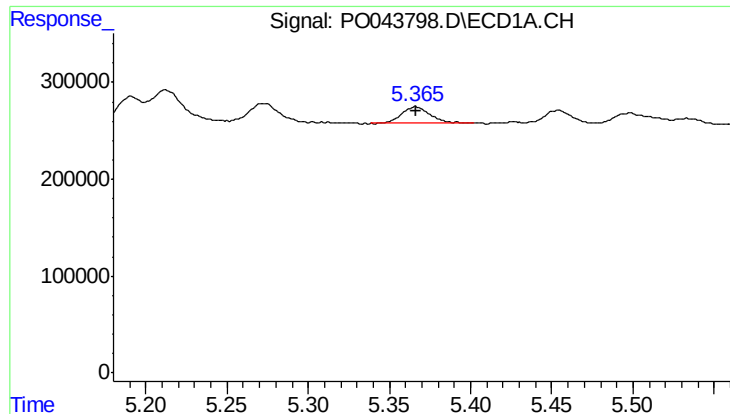
#17 AR-1242-2

R.T.: 5.212 min
Delta R.T.: 0.000 min
Response: 491975
Conc: 61.59 ng/ml



#17 AR-1242-2

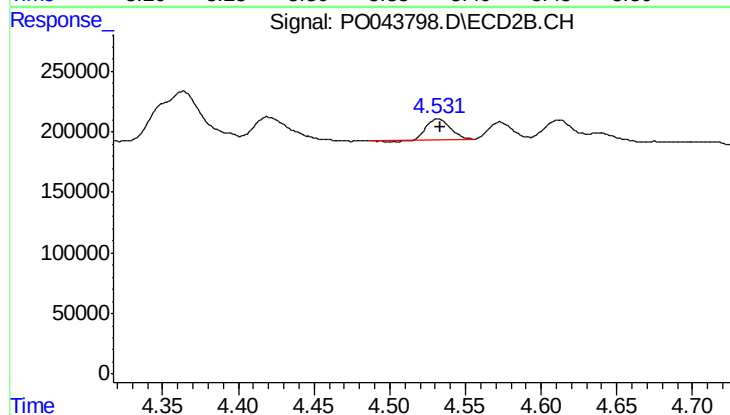
R.T.: 4.364 min
Delta R.T.: -0.001 min
Response: 865611
Conc: 42.06 ng/ml



#18 AR-1242-3

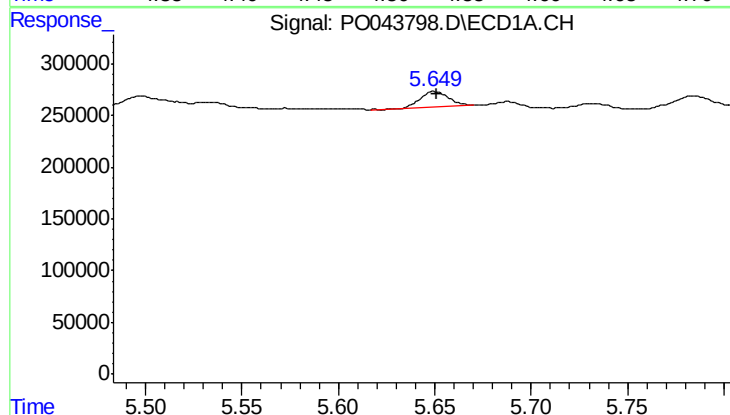
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 212807
Conc: 55.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



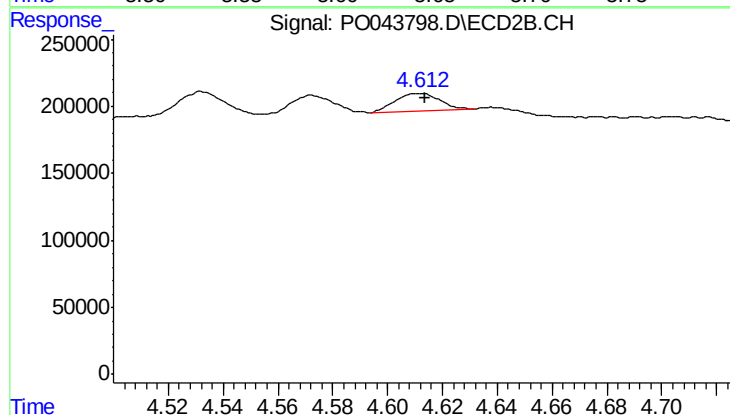
#18 AR-1242-3

R.T.: 4.532 min
Delta R.T.: -0.001 min
Response: 193983
Conc: 30.59 ng/ml



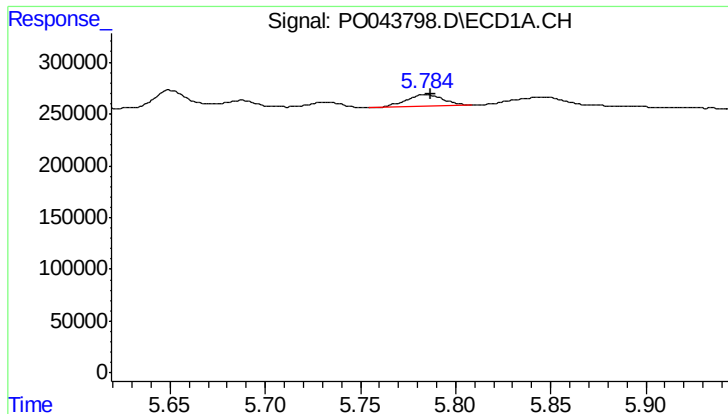
#19 AR-1242-4

R.T.: 5.650 min
Delta R.T.: -0.001 min
Response: 152269
Conc: 38.52 ng/ml



#19 AR-1242-4

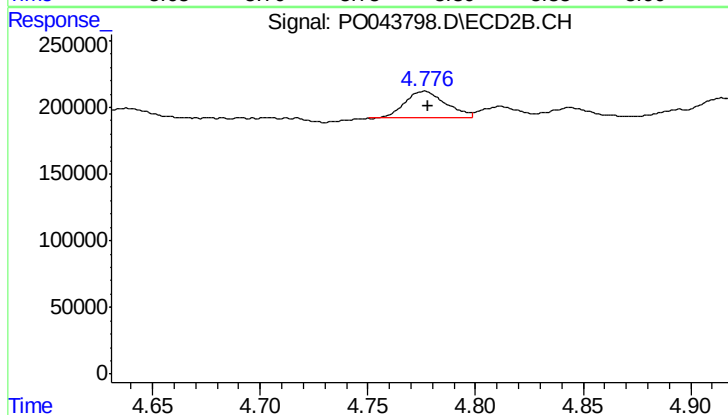
R.T.: 4.612 min
Delta R.T.: -0.002 min
Response: 146890
Conc: 24.06 ng/ml



#20 AR-1242-5

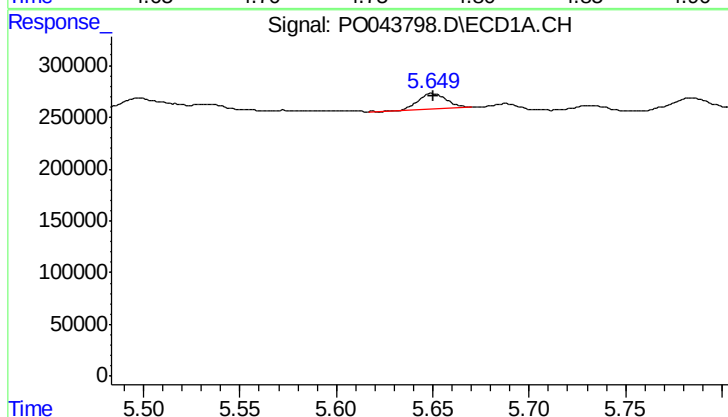
R.T.: 5.784 min
Delta R.T.: -0.003 min
Response: 162042
Conc: 35.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



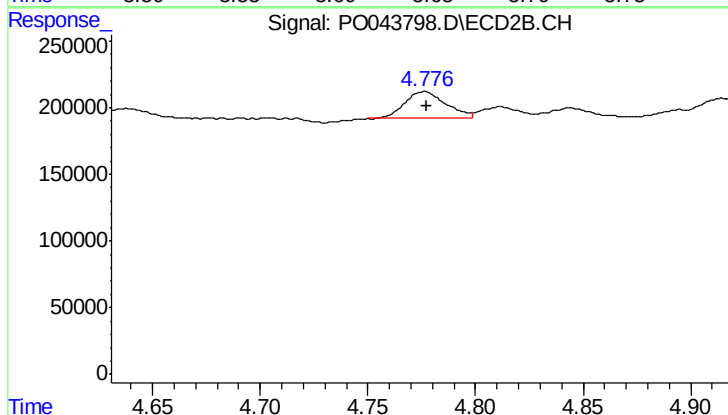
#20 AR-1242-5

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 266497
Conc: 41.44 ng/ml



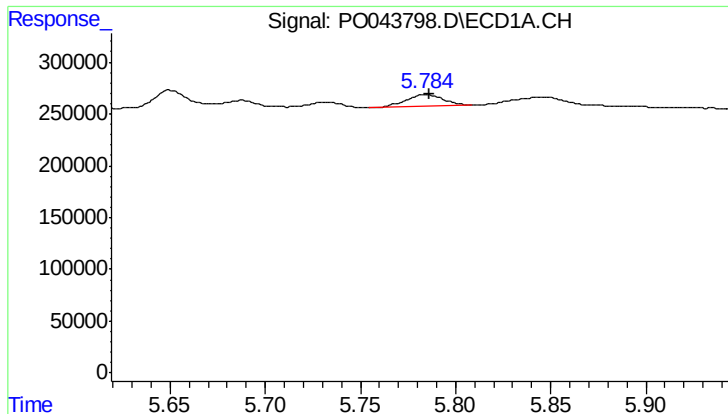
#21 AR-1248-1

R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 152269
Conc: 21.68 ng/ml



#21 AR-1248-1

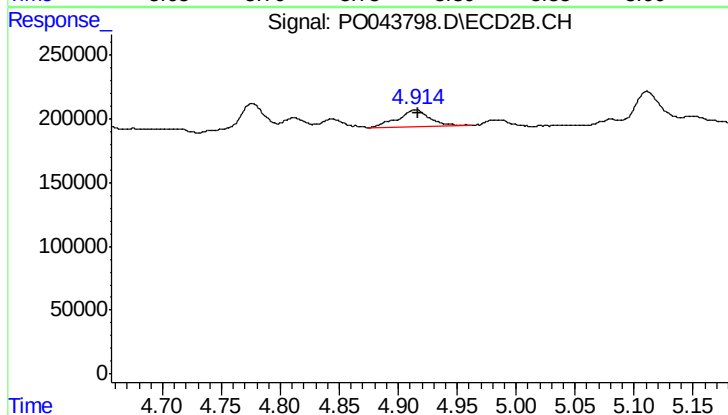
R.T.: 4.776 min
Delta R.T.: -0.001 min
Response: 266497
Conc: 23.06 ng/ml



#22 AR-1248-2

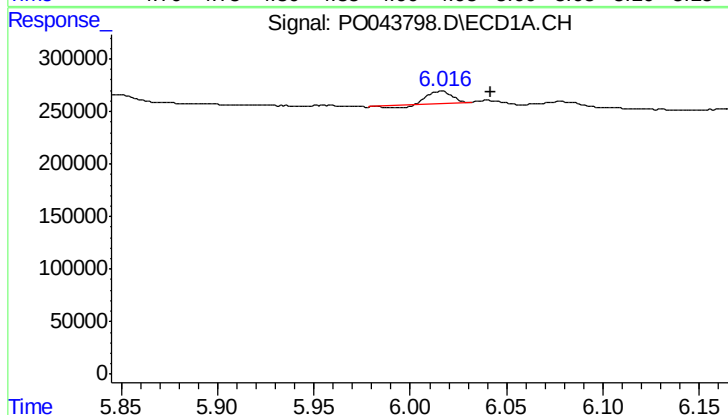
R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 162042
Conc: 26.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



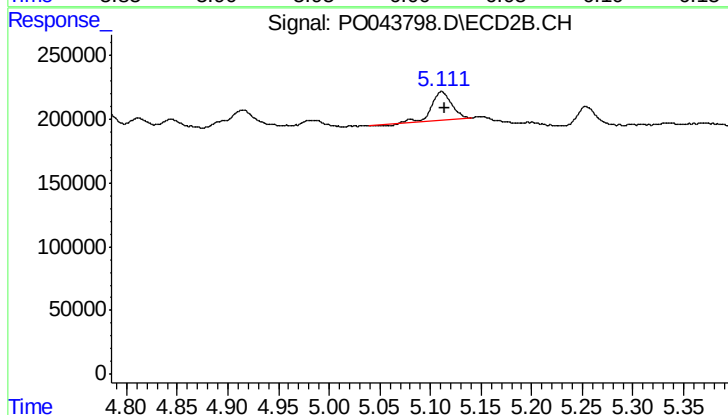
#22 AR-1248-2

R.T.: 4.915 min
Delta R.T.: -0.002 min
Response: 249342
Conc: 23.52 ng/ml



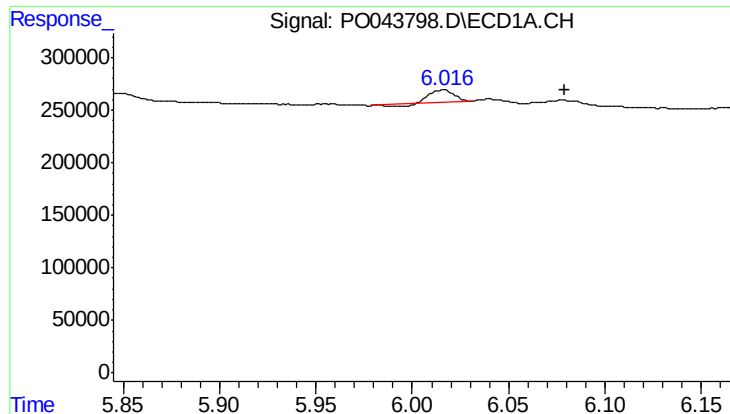
#23 AR-1248-3

R.T.: 6.016 min
Delta R.T.: -0.026 min
Response: 91738
Conc: 10.52 ng/ml



#23 AR-1248-3

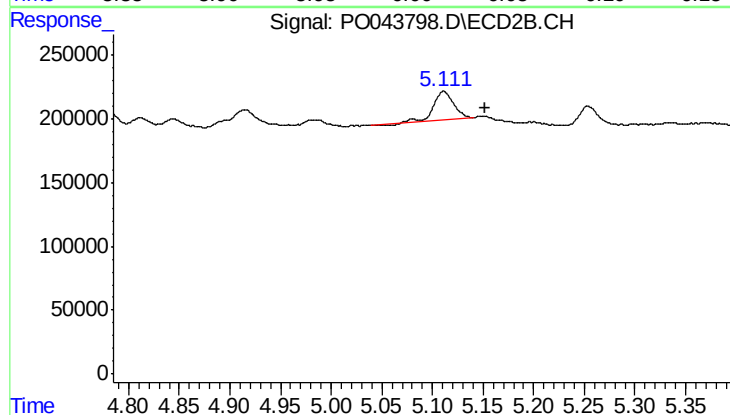
R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 305172
Conc: 17.39 ng/ml



#24 AR-1248-4

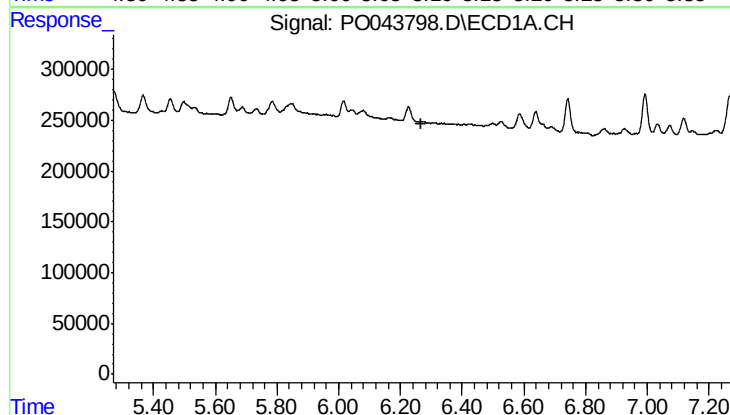
R.T.: 6.016 min
Delta R.T.: -0.063 min
Response: 91738
Conc: 10.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



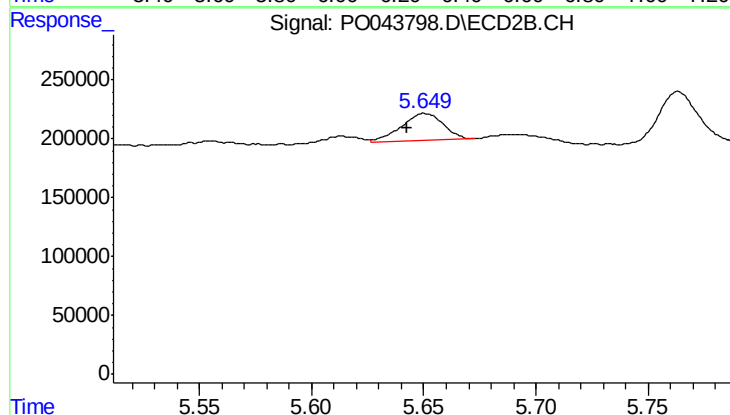
#24 AR-1248-4

R.T.: 5.111 min
Delta R.T.: -0.041 min
Response: 305172
Conc: 21.76 ng/ml



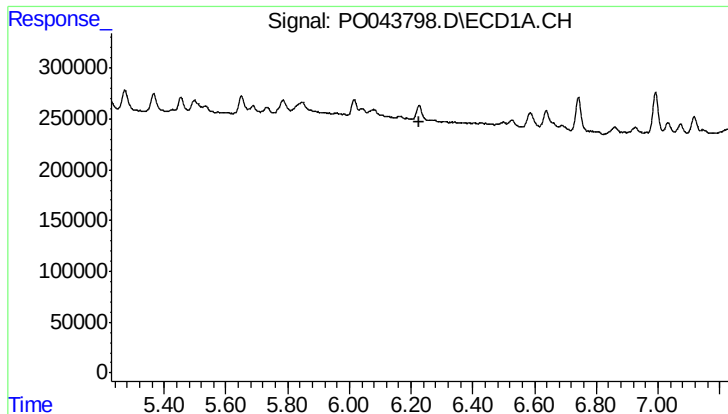
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.270 min
Response: 0
Conc: N.D.



#25 AR-1248-5

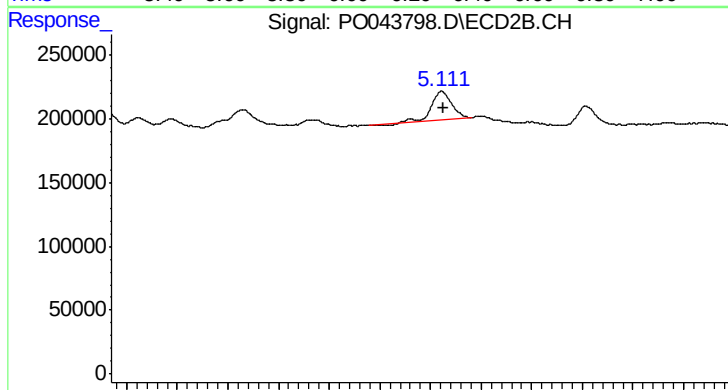
R.T.: 5.650 min
Delta R.T.: 0.008 min
Response: 298675
Conc: 30.64 ng/ml



#26 AR-1254-1

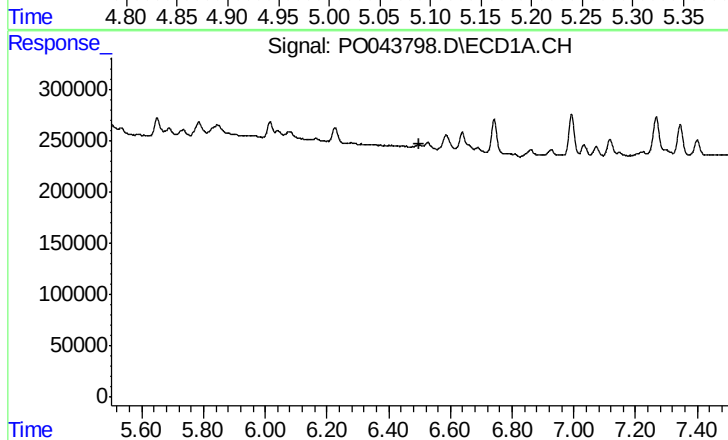
R.T.: 0.000 min
Exp R.T.: 6.229 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



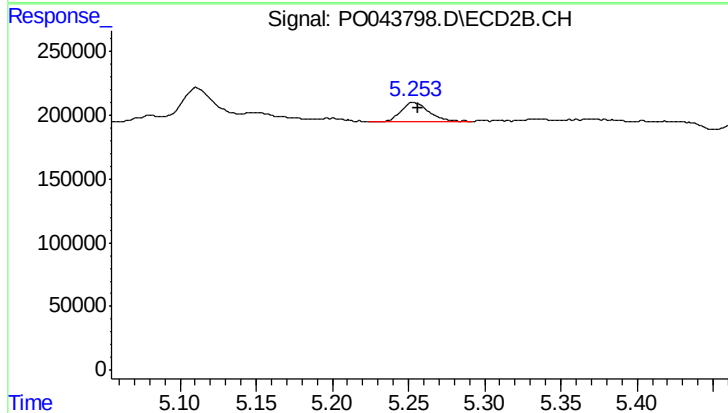
#26 AR-1254-1

R.T.: 5.111 min
Delta R.T.: -0.002 min
Response: 305172
Conc: 14.02 ng/ml



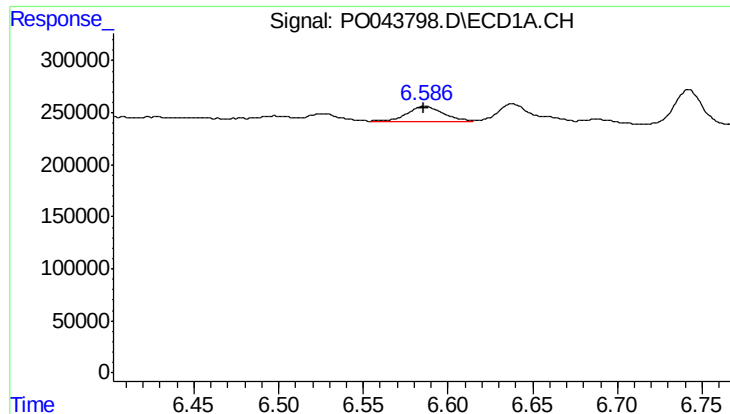
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 6.501 min
Response: 0
Conc: N.D.



#27 AR-1254-2

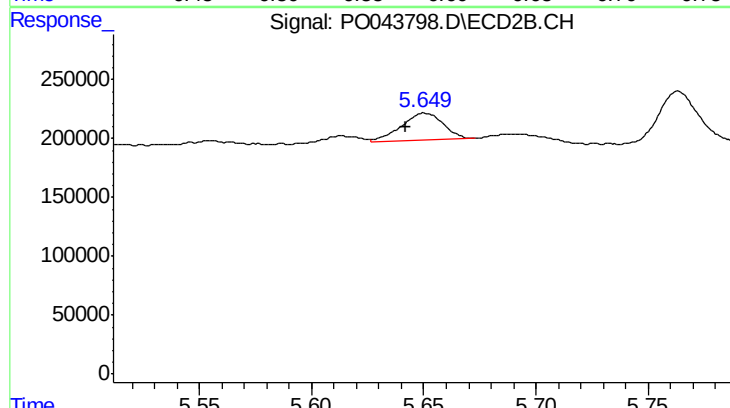
R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 189469
Conc: 9.78 ng/ml



#28 AR-1254-3

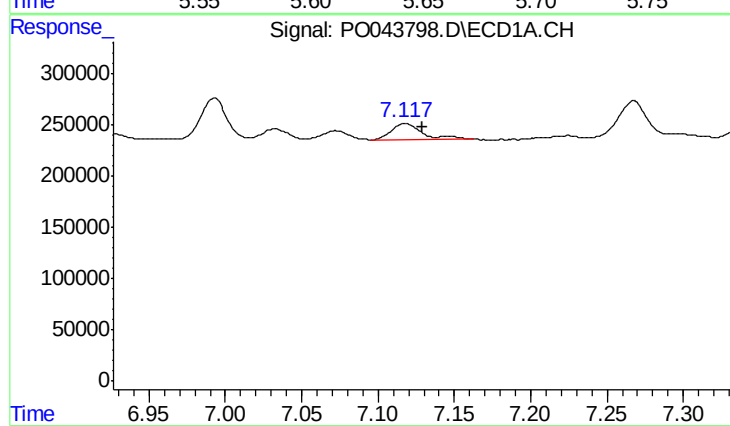
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 203422
Conc: 12.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



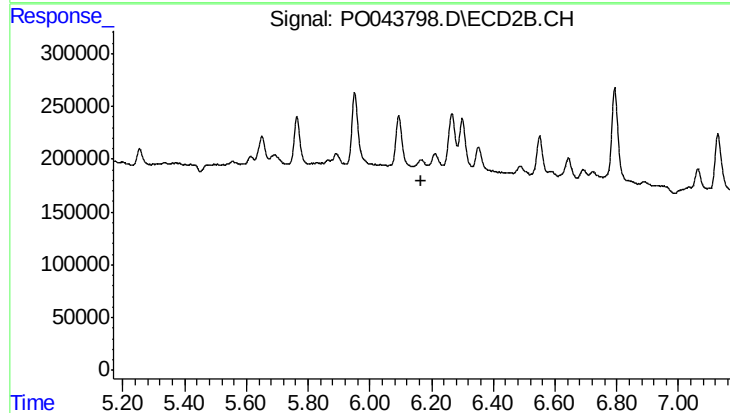
#28 AR-1254-3

R.T.: 5.650 min
Delta R.T.: 0.008 min
Response: 298675
Conc: 9.43 ng/ml



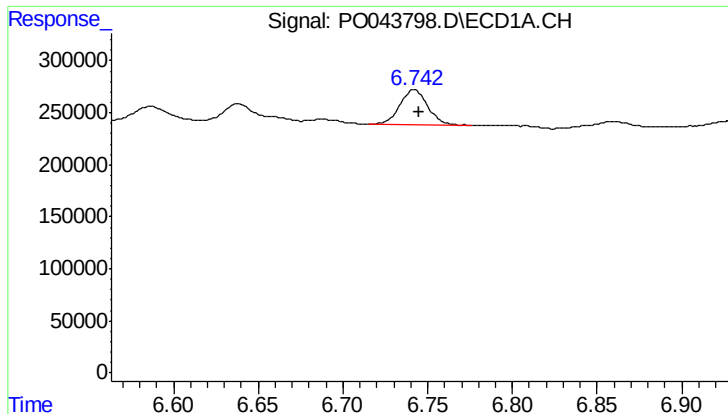
#30 AR-1254-5

R.T.: 7.117 min
Delta R.T.: -0.012 min
Response: 225227
Conc: 23.09 ng/ml



#30 AR-1254-5

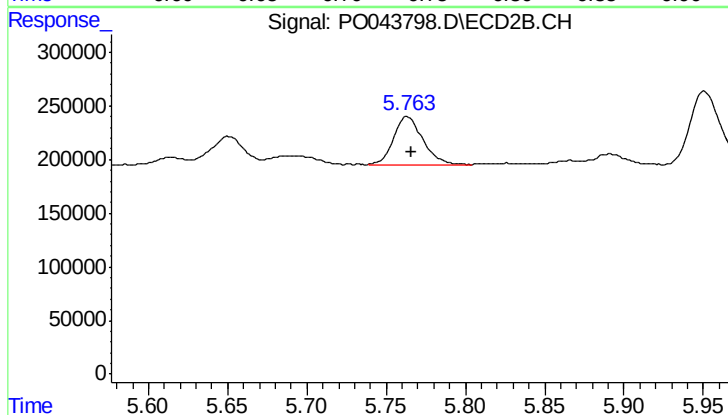
R.T.: 0.000 min
Exp R.T.: 6.169 min
Response: 0
Conc: N.D.



#31 AR-1260-1

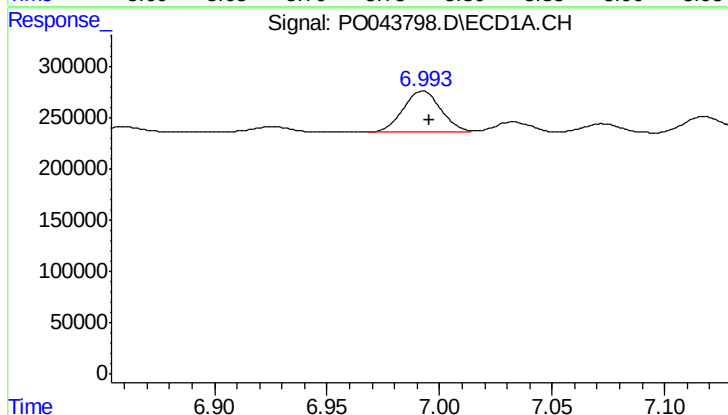
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 389246
Conc: 38.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



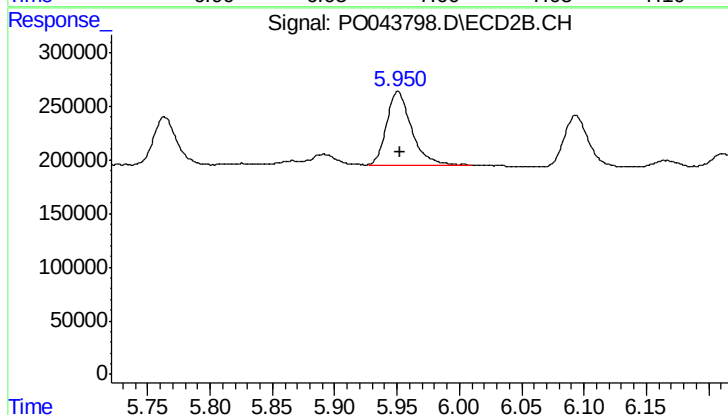
#31 AR-1260-1

R.T.: 5.763 min
Delta R.T.: -0.003 min
Response: 573219
Conc: 34.30 ng/ml



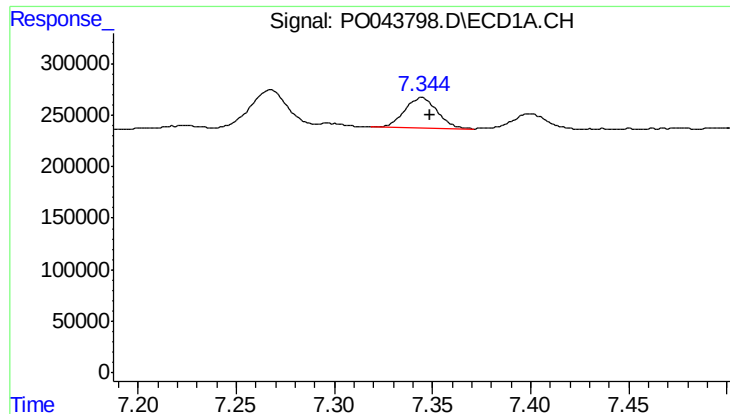
#32 AR-1260-2

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 475666
Conc: 37.07 ng/ml



#32 AR-1260-2

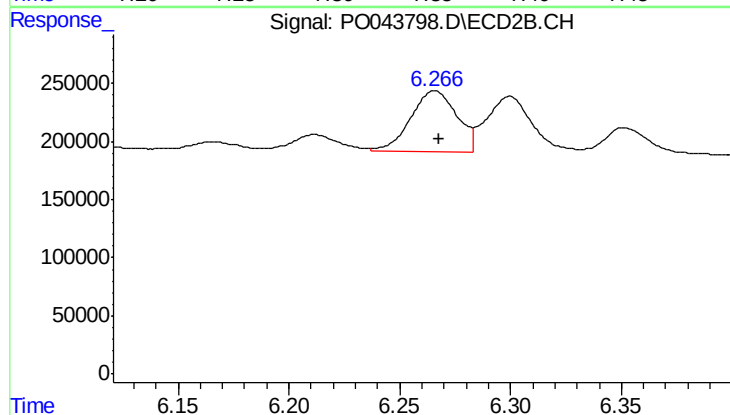
R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 954853
Conc: 45.13 ng/ml



#33 AR-1260-3

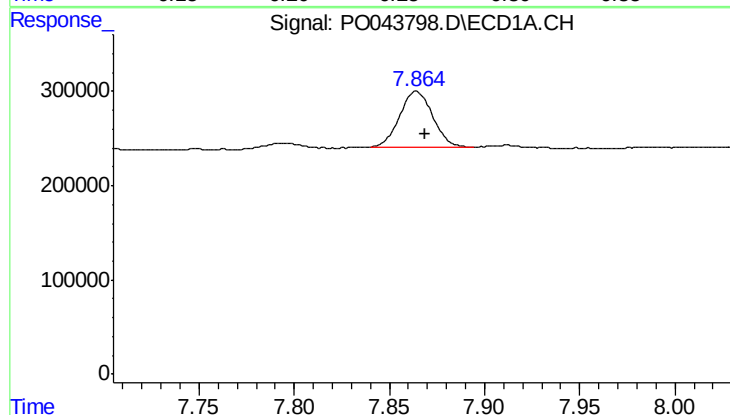
R.T.: 7.345 min
Delta R.T.: -0.004 min
Response: 332614
Conc: 32.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



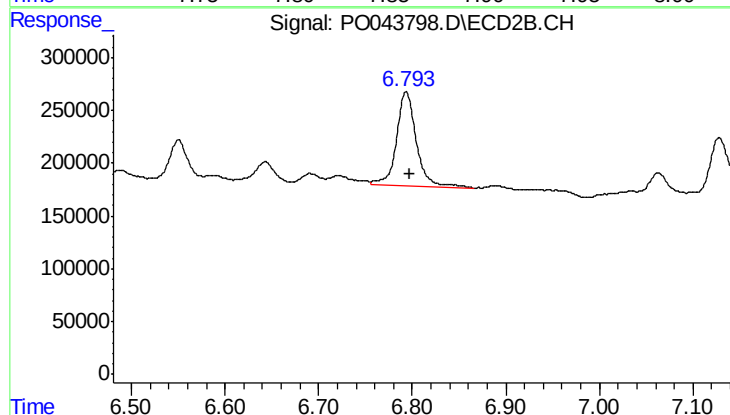
#33 AR-1260-3

R.T.: 6.266 min
Delta R.T.: -0.002 min
Response: 771450
Conc: 35.03 ng/ml



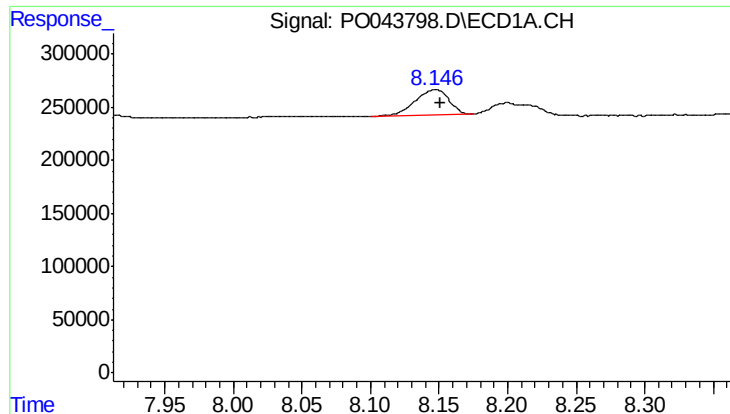
#34 AR-1260-4

R.T.: 7.864 min
Delta R.T.: -0.004 min
Response: 715079
Conc: 34.56 ng/ml



#34 AR-1260-4

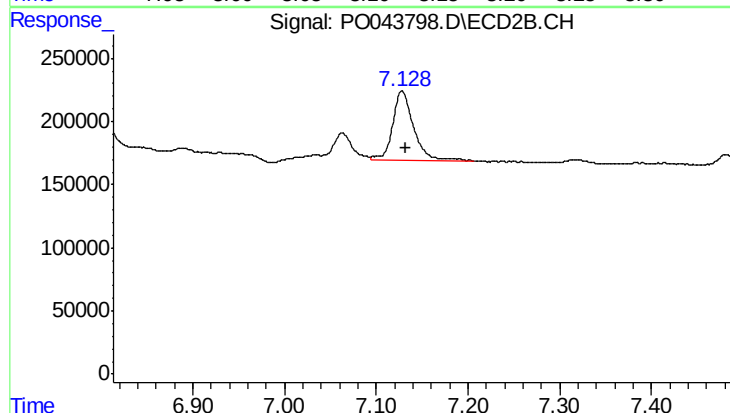
R.T.: 6.794 min
Delta R.T.: -0.003 min
Response: 1336582
Conc: 36.18 ng/ml



#35 AR-1260-5

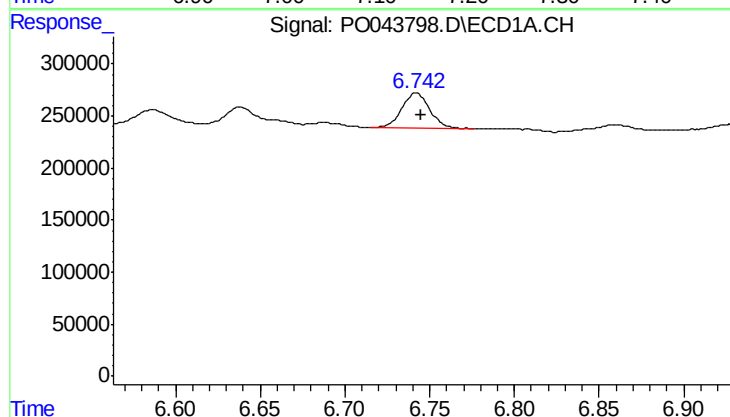
R.T.: 8.148 min
Delta R.T.: -0.004 min
Response: 408442
Conc: 32.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



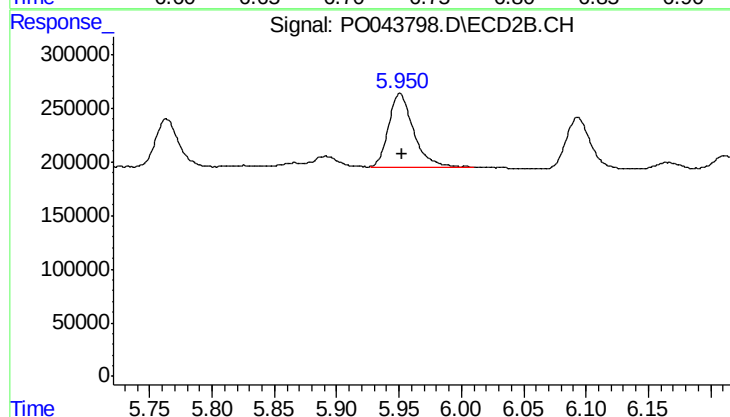
#35 AR-1260-5

R.T.: 7.128 min
Delta R.T.: -0.004 min
Response: 870204
Conc: 33.84 ng/ml



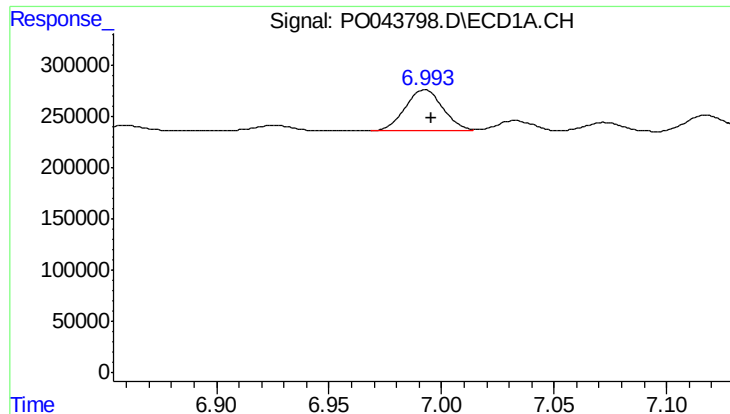
#36 AR-1262-1

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 389246
Conc: 40.50 ng/ml



#36 AR-1262-1

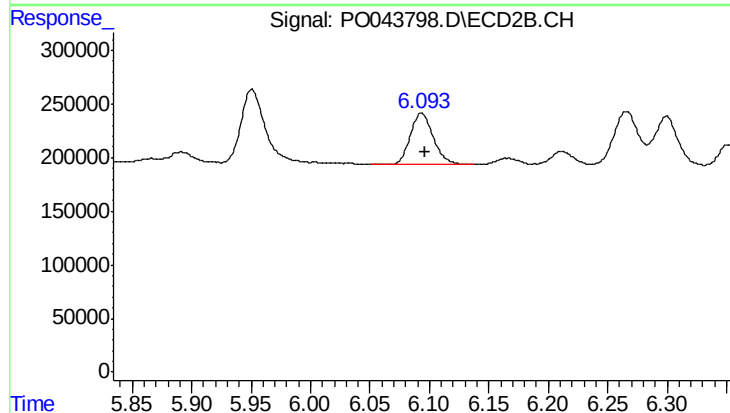
R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 954853
Conc: 43.89 ng/ml



#37 AR-1262-2

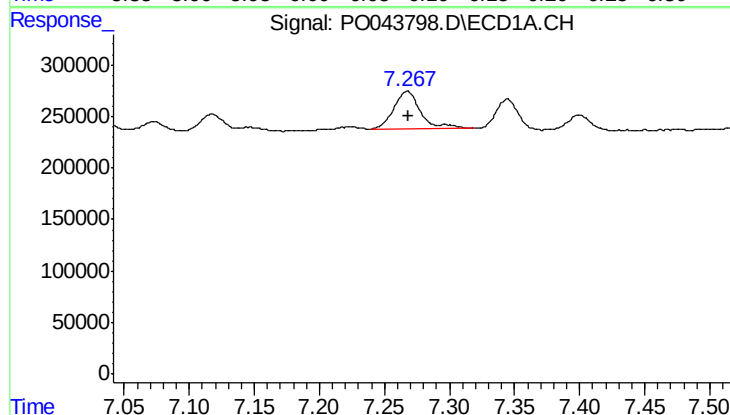
R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 475666
Conc: 38.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



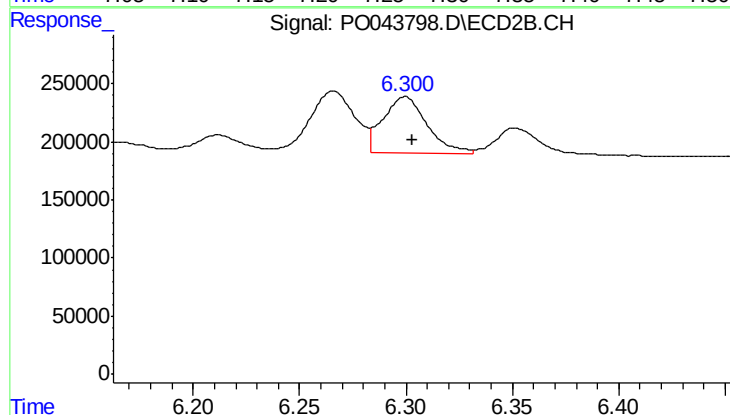
#37 AR-1262-2

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 640911
Conc: 31.75 ng/ml



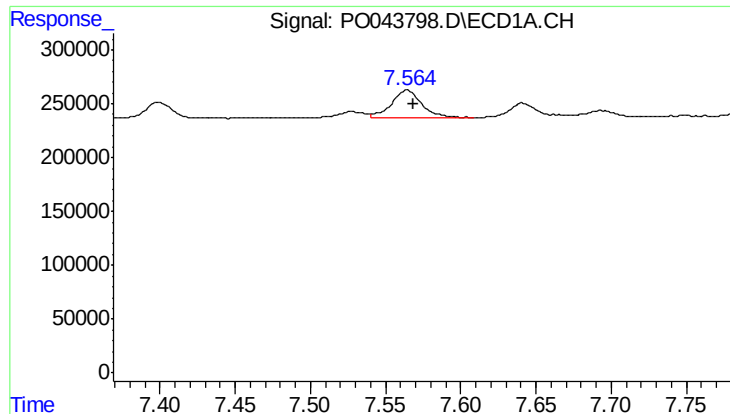
#38 AR-1262-3

R.T.: 7.268 min
Delta R.T.: -0.001 min
Response: 527365
Conc: 46.81 ng/ml



#38 AR-1262-3

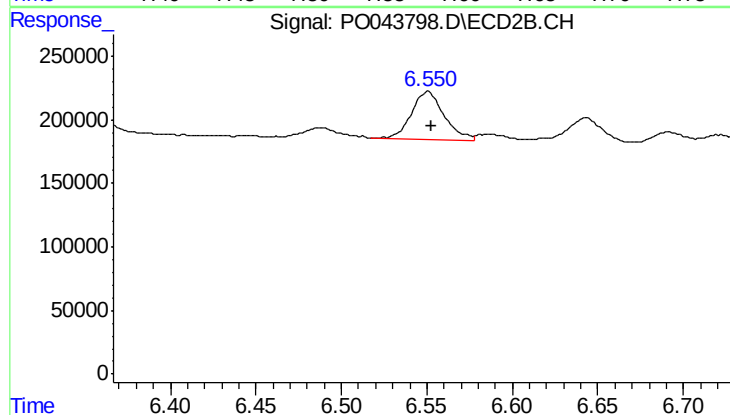
R.T.: 6.300 min
Delta R.T.: -0.003 min
Response: 710686
Conc: 20.40 ng/ml



#39 AR-1262-4

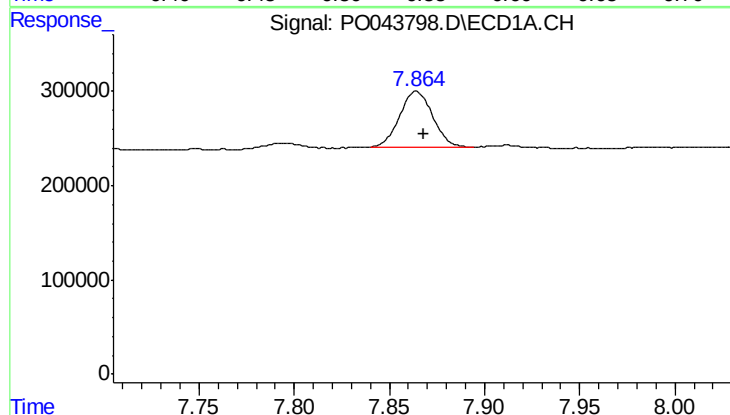
R.T.: 7.565 min
Delta R.T.: -0.004 min
Response: 358264
Conc: 23.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



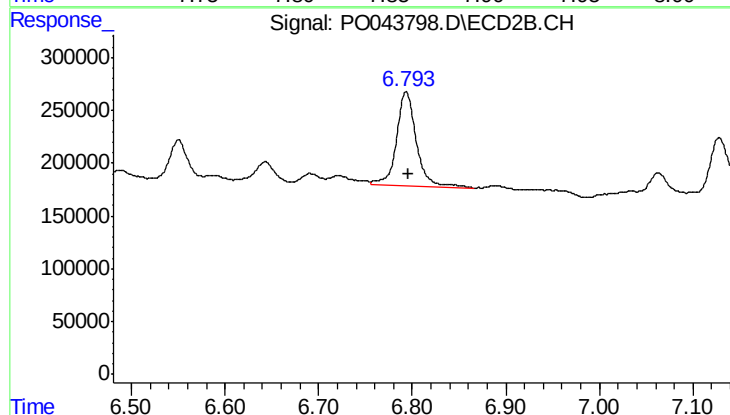
#39 AR-1262-4

R.T.: 6.551 min
Delta R.T.: -0.002 min
Response: 504156
Conc: 18.59 ng/ml



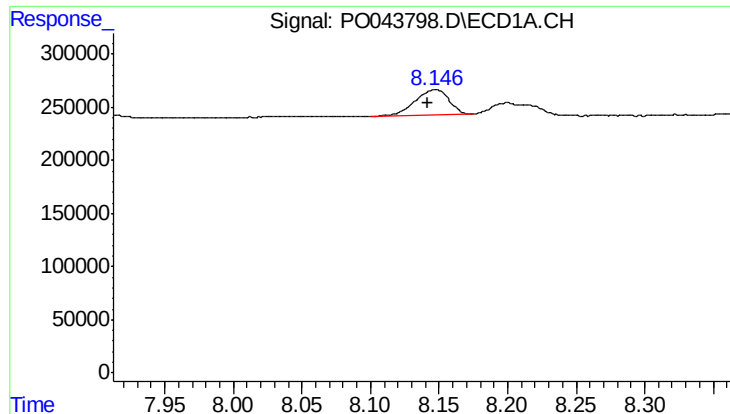
#40 AR-1262-5

R.T.: 7.864 min
Delta R.T.: -0.004 min
Response: 715079
Conc: 23.50 ng/ml



#40 AR-1262-5

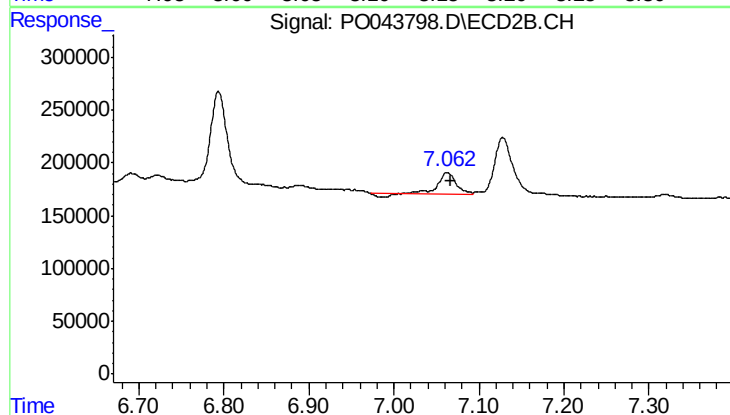
R.T.: 6.794 min
Delta R.T.: -0.003 min
Response: 1336582
Conc: 22.92 ng/ml



#41 AR-1268-1

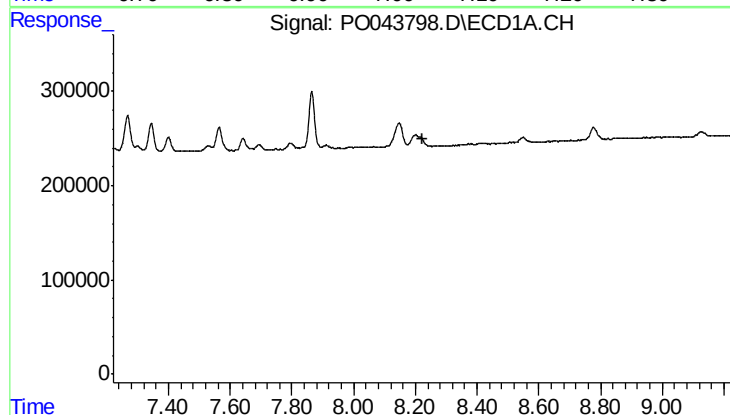
R.T.: 8.148 min
Delta R.T.: 0.006 min
Response: 408442
Conc: 12.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



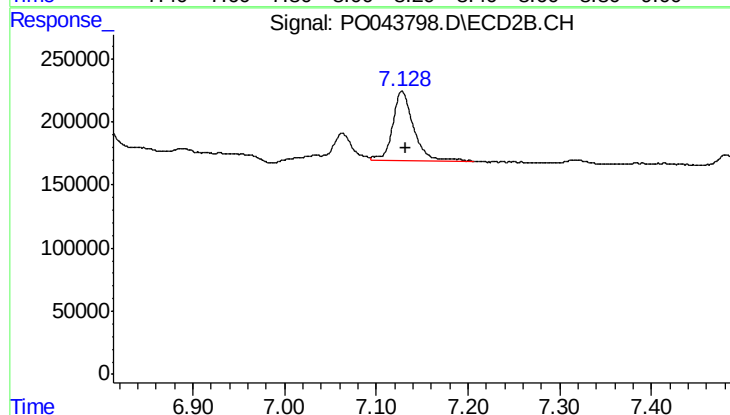
#41 AR-1268-1

R.T.: 7.063 min
Delta R.T.: -0.003 min
Response: 310708
Conc: 5.33 ng/ml



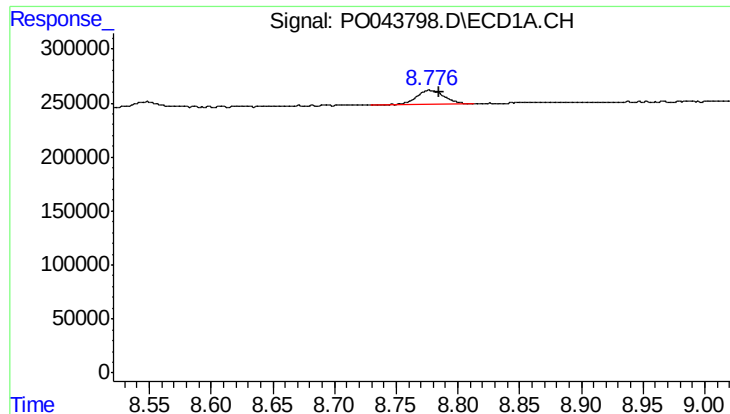
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.222 min
Response: 0
Conc: N.D.



#42 AR-1268-2

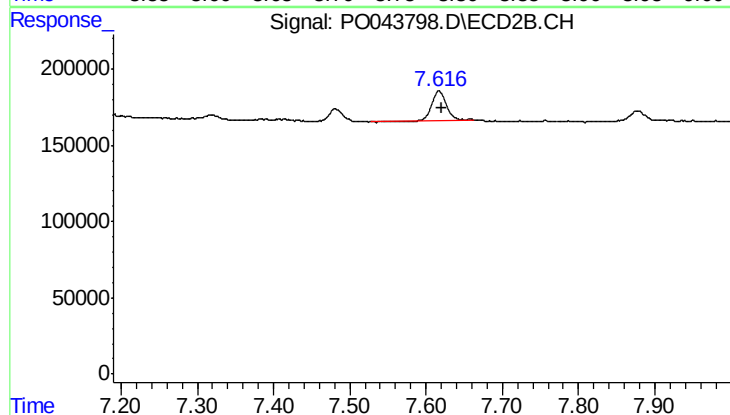
R.T.: 7.128 min
Delta R.T.: -0.005 min
Response: 870204
Conc: 16.67 ng/ml



#44 AR-1268-4

R.T.: 8.777 min
Delta R.T.: -0.008 min
Response: 200594
Conc: 20.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018



#44 AR-1268-4

R.T.: 7.617 min
Delta R.T.: -0.003 min
Response: 253640
Conc: 15.51 ng/ml