

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101819\
 Data File : PO062127.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Oct 2019 9:30
 Operator : HP/AJ
 Sample : K5111-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 02:42:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 2019
 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...	4.329	3.483	1022817	744503	16.538	17.362
2)	SA Decachlor...	9.961	8.337	976709	524556	17.456	17.878
Target Compounds							
3)	L1 AR-1016-1	5.490	4.528	96962	66641	40.969	42.605
4)	L1 AR-1016-2	5.512	4.545	135198	99872	39.692	42.939
5)	L1 AR-1016-3	5.573	4.715	79981	45759	38.649	37.020
6)	L1 AR-1016-4	5.672	4.757	65572	34248	38.688	34.851
7)	L1 AR-1016-5	5.963	4.963	53952	46673	30.339	36.193
10)	L2 AR-1221-3	4.700	3.844	43385	32836	26.574	27.903
11)	L3 AR-1232-1	4.700	3.844	43385	32836	19.864	21.191
12)	L3 AR-1232-2	5.223	4.545	65316	99872	54.745	57.848
13)	L3 AR-1232-3	5.512	4.715	135198	45759	52.848	50.063
14)	L3 AR-1232-4	5.672	4.797	65572	35516	51.010	43.658
15)	L3 AR-1232-5	5.761	4.963	54017	46673	54.578	52.847
16)	L4 AR-1242-1	5.490	4.528	96962	66641	52.327	55.412
17)	L4 AR-1242-2	5.512	4.545	135198	99872	50.966	56.069
18)	L4 AR-1242-3	5.573	4.715	79981	45759	48.974	48.065
19)	L4 AR-1242-4	5.672	4.797	65572	35516	48.573	37.622
20)	L4 AR-1242-5	6.338	5.304	31753	33613	20.775	28.169 #
21)	L5 AR-1248-1	5.490	4.528	96962	66641	67.652	67.880
22)	L5 AR-1248-2	5.761	4.757	54017	34248	26.979	27.033
23)	L5 AR-1248-3	5.963	4.797	53952	35516	24.428	26.755
24)	L5 AR-1248-4	6.338	4.963	31753	46673	12.429	29.496 #
25)	L5 AR-1248-5	6.338	5.304	31753	33613	12.986	21.841 #
26)	L6 AR-1254-1	6.338	5.304	31753	33613	11.912	13.743
27)	L6 AR-1254-2	6.554	5.448	53012	36257	12.966	17.120 #
28)	L6 AR-1254-3	6.977	5.856	67678	59198	16.175	18.169
30)	L6 AR-1254-5	7.621	6.474	169915	103506	54.218	39.189 #
31)	L7 AR-1260-1	7.082	5.969	123222	91320	43.279	42.979
32)	L7 AR-1260-2	7.338	6.155	150765	115792	43.948	45.630
33)	L7 AR-1260-3	7.696	6.303	108128	95317	40.863	42.211
34)	L7 AR-1260-4	7.920	6.766	119066	74249	42.568	42.286
35)	L7 AR-1260-5	8.232	7.006	223265	148102	42.644	41.112
36)	L8 AR-1262-1	7.696	6.565	108128	41507	26.341	34.828 #
37)	L8 AR-1262-2	8.232	7.006	223265	148102	34.625	35.247
38)	L8 AR-1262-3	8.547	7.284	140190	39179	31.881	22.276 #
39)	L8 AR-1262-4	8.603	7.347	90779	110782	26.275	36.237 #
40)	L8 AR-1262-5	9.250	7.836	70535	36057	31.228	27.608
41)	L9 AR-1268-1	8.547	7.284	140190	39179	18.519	8.366 #
42)	L9 AR-1268-2	8.603	7.347	90779	110782	12.923	26.517 #
44)	L9 AR-1268-4	9.250	7.836	70535	36057	29.686	25.305

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101819\
Data File : PO062127.D
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ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 02:42:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 12 06:25:38 2019
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
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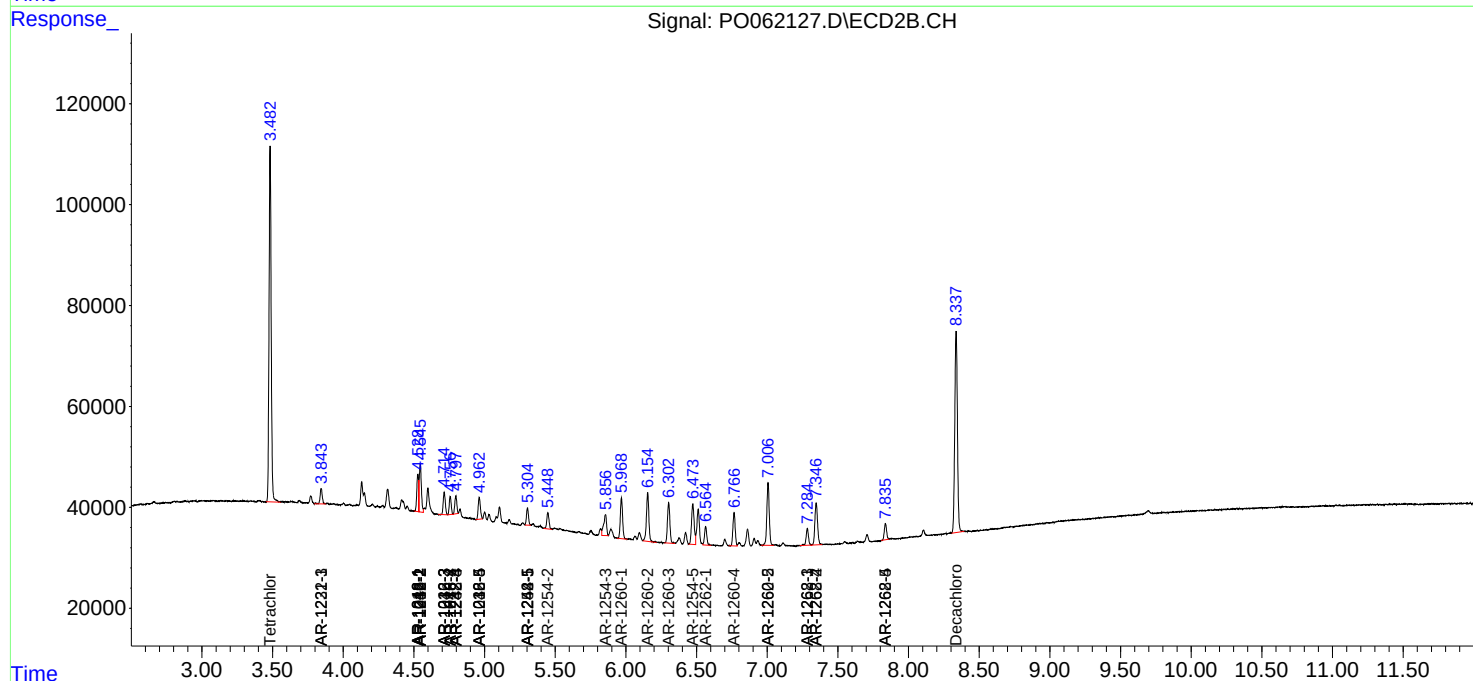
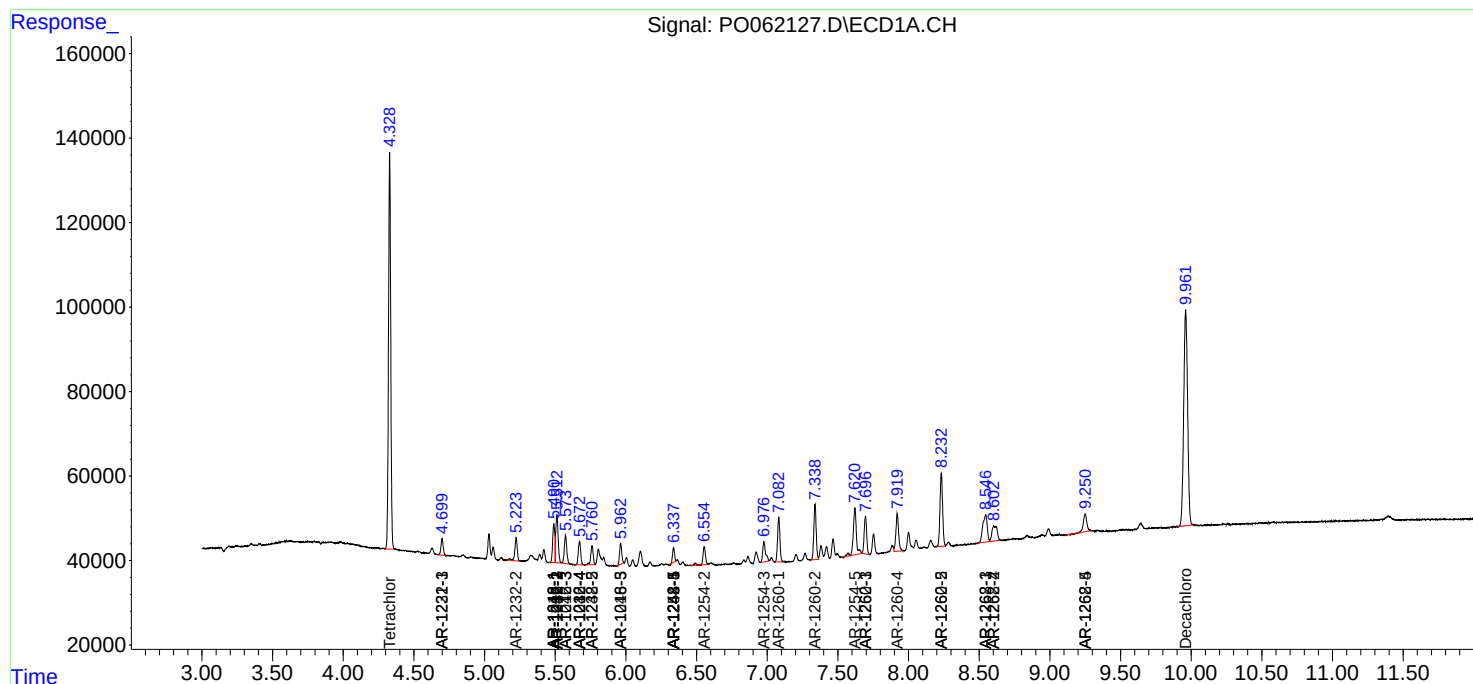
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

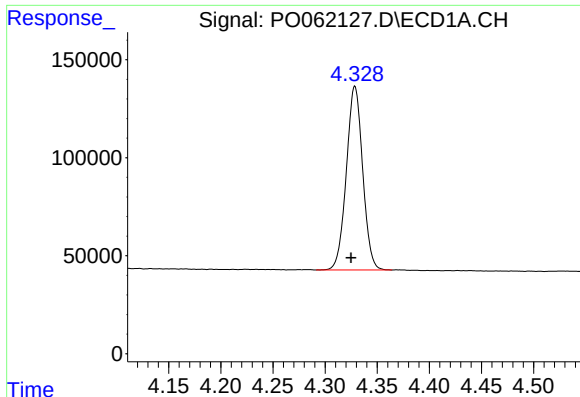
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO101819\
Data File : P0062127.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Oct 2019 9:30
Operator : HP/AJ
Sample : K5111-01
Misc : AR1660 LOD 40 PPB
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 02:42:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO101119.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 12 06:25:38 2019
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

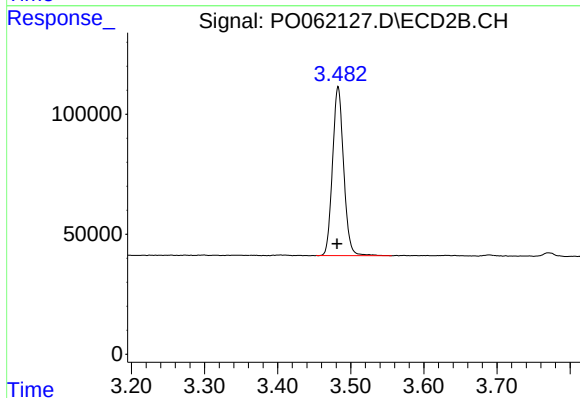




#1 Tetrachloro-m-xylene

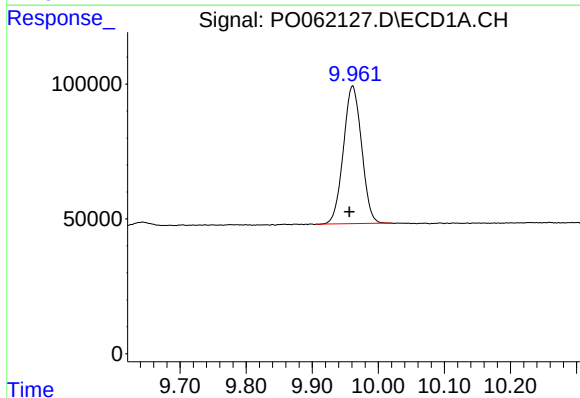
R.T.: 4.329 min
Delta R.T.: 0.004 min
Response: 1022817
Conc: 16.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



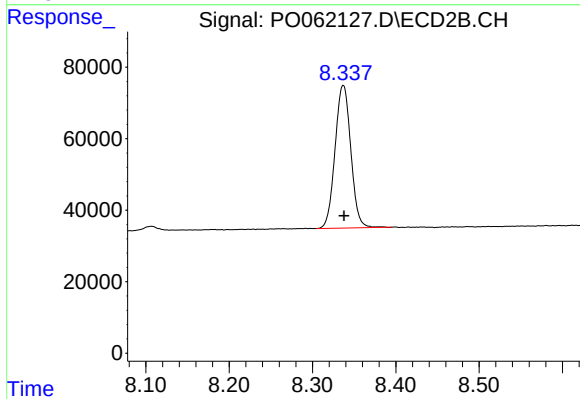
#1 Tetrachloro-m-xylene

R.T.: 3.483 min
Delta R.T.: 0.001 min
Response: 744503
Conc: 17.36 ng/ml



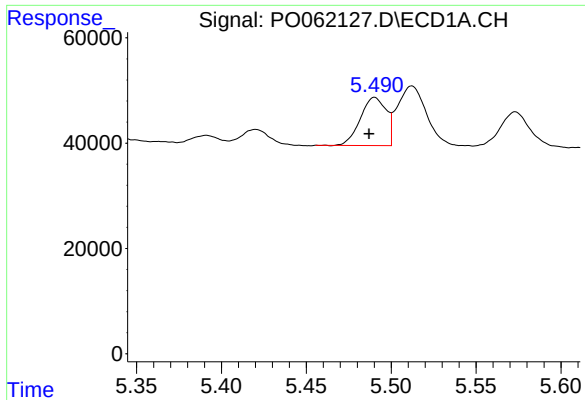
#2 Decachlorobiphenyl

R.T.: 9.961 min
Delta R.T.: 0.005 min
Response: 976709
Conc: 17.46 ng/ml



#2 Decachlorobiphenyl

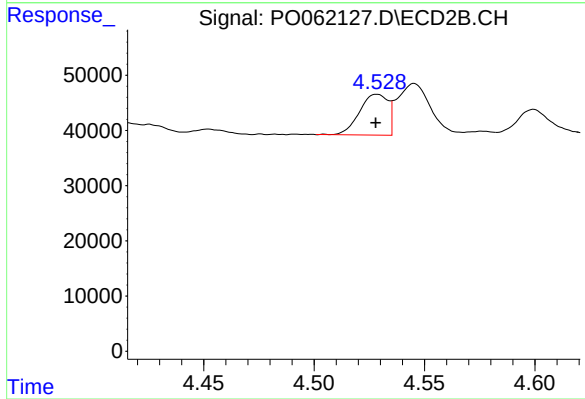
R.T.: 8.337 min
Delta R.T.: -0.001 min
Response: 524556
Conc: 17.88 ng/ml



#3 AR-1016-1

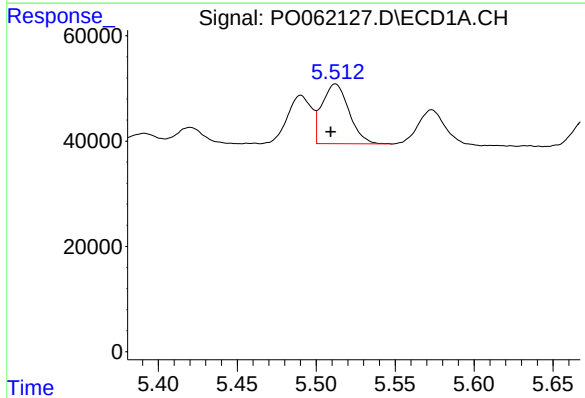
R.T.: 5.490 min
Delta R.T.: 0.003 min
Response: 96962
Conc: 40.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



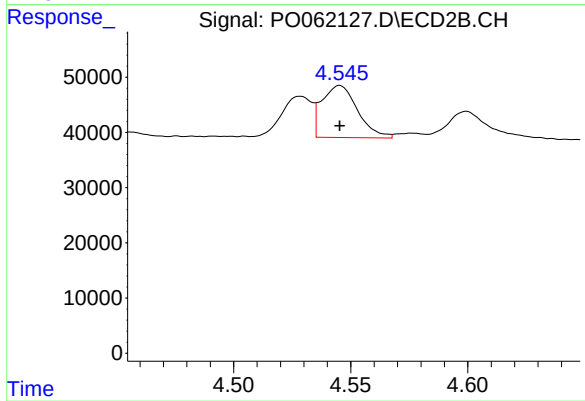
#3 AR-1016-1

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 66641
Conc: 42.61 ng/ml



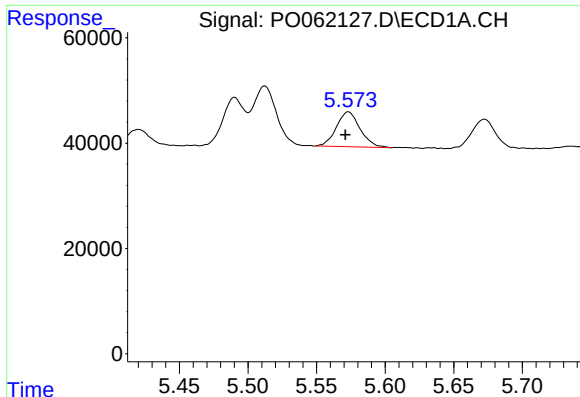
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: 0.003 min
Response: 135198
Conc: 39.69 ng/ml



#4 AR-1016-2

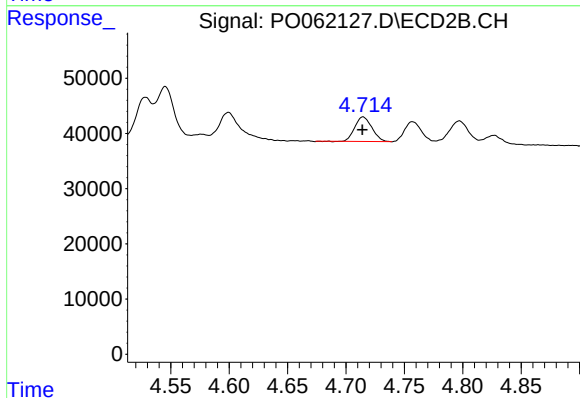
R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 99872
Conc: 42.94 ng/ml



#5 AR-1016-3

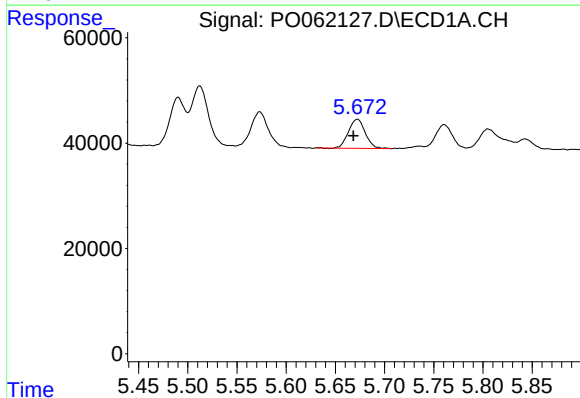
R.T.: 5.573 min
Delta R.T.: 0.002 min
Response: 79981
Conc: 38.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



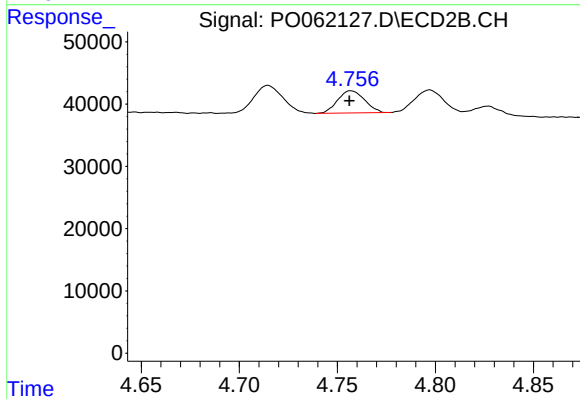
#5 AR-1016-3

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 45759
Conc: 37.02 ng/ml



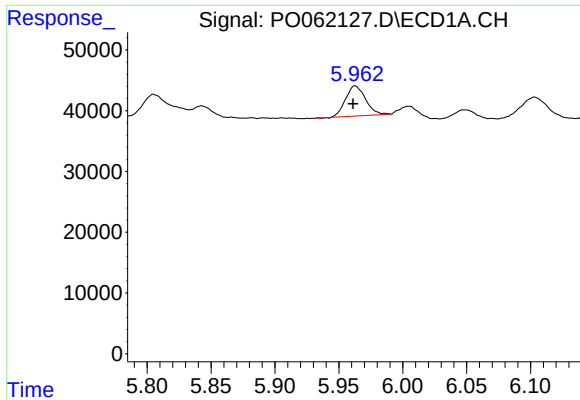
#6 AR-1016-4

R.T.: 5.672 min
Delta R.T.: 0.004 min
Response: 65572
Conc: 38.69 ng/ml



#6 AR-1016-4

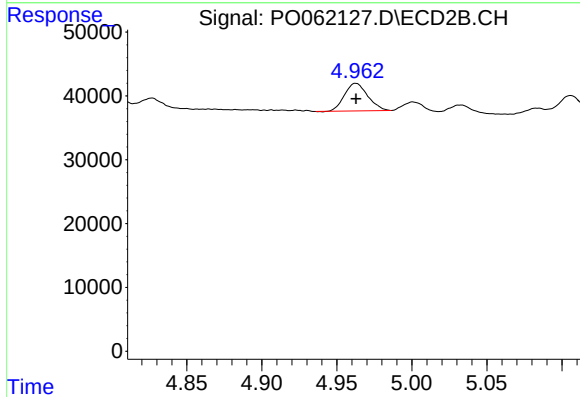
R.T.: 4.757 min
Delta R.T.: 0.001 min
Response: 34248
Conc: 34.85 ng/ml



#7 AR-1016-5

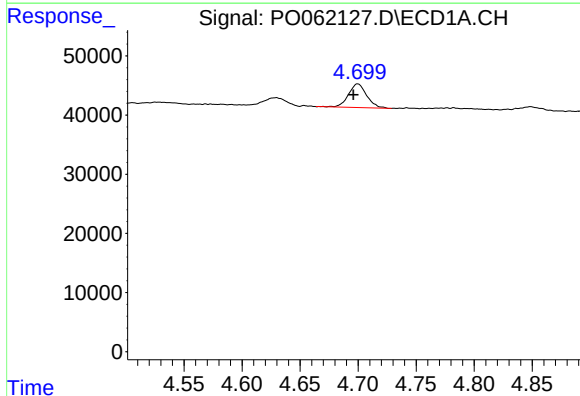
R.T.: 5.963 min
Delta R.T.: 0.002 min
Response: 53952
Conc: 30.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



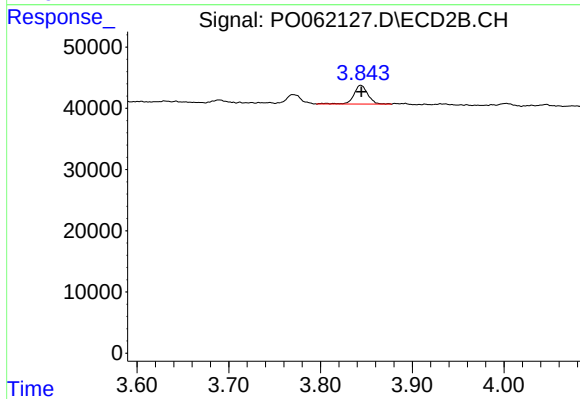
#7 AR-1016-5

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 46673
Conc: 36.19 ng/ml



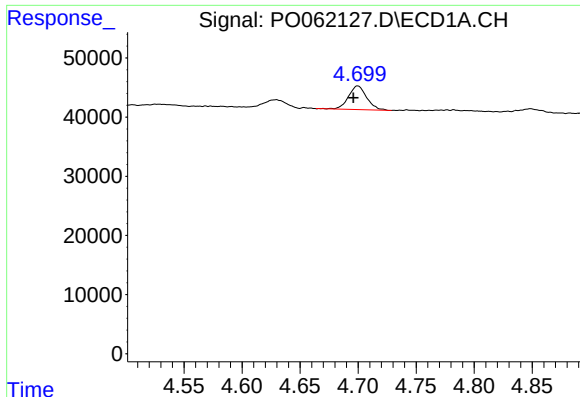
#10 AR-1221-3

R.T.: 4.700 min
Delta R.T.: 0.004 min
Response: 43385
Conc: 26.57 ng/ml



#10 AR-1221-3

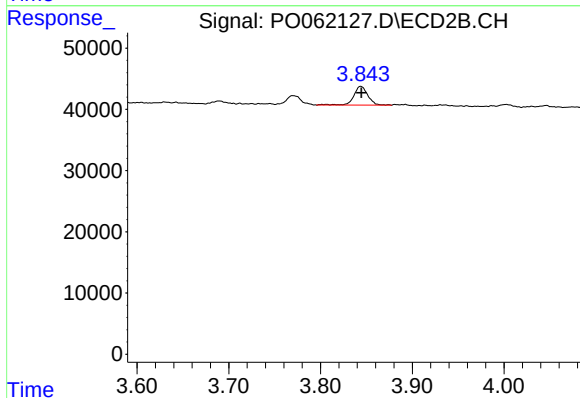
R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 32836
Conc: 27.90 ng/ml



#11 AR-1232-1

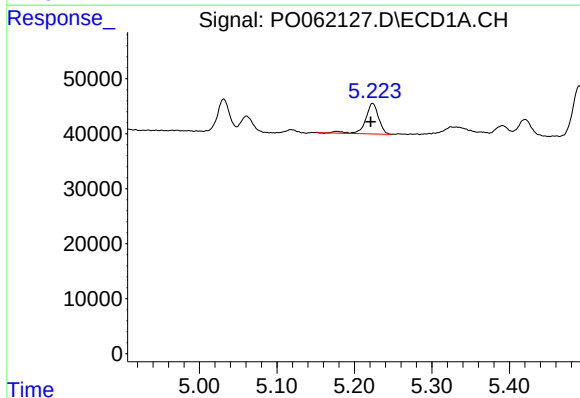
R.T.: 4.700 min
Delta R.T.: 0.004 min
Response: 43385
Conc: 19.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



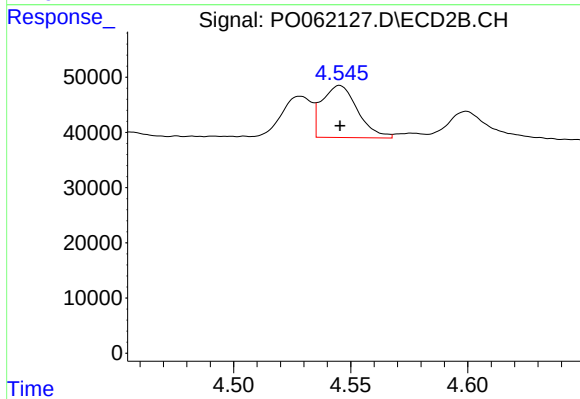
#11 AR-1232-1

R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 32836
Conc: 21.19 ng/ml



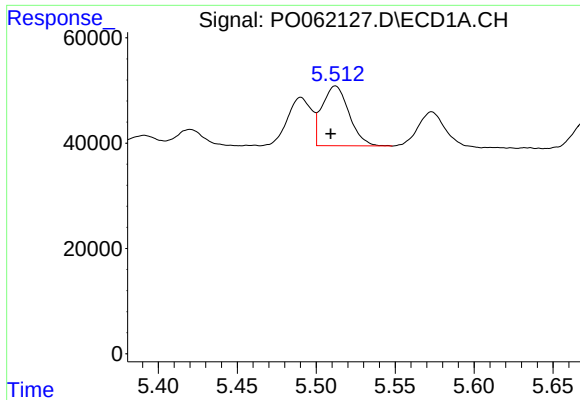
#12 AR-1232-2

R.T.: 5.223 min
Delta R.T.: 0.003 min
Response: 65316
Conc: 54.74 ng/ml



#12 AR-1232-2

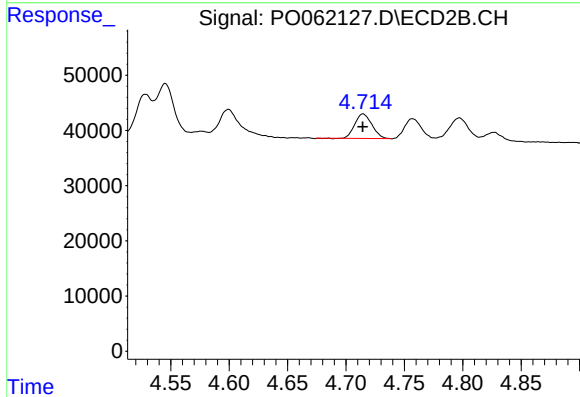
R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 99872
Conc: 57.85 ng/ml



#13 AR-1232-3

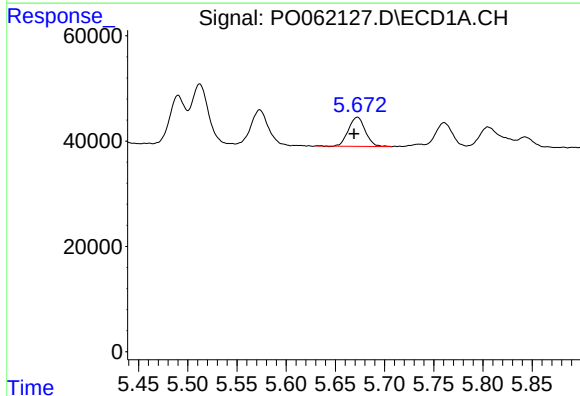
R.T.: 5.512 min
Delta R.T.: 0.003 min
Response: 135198
Conc: 52.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



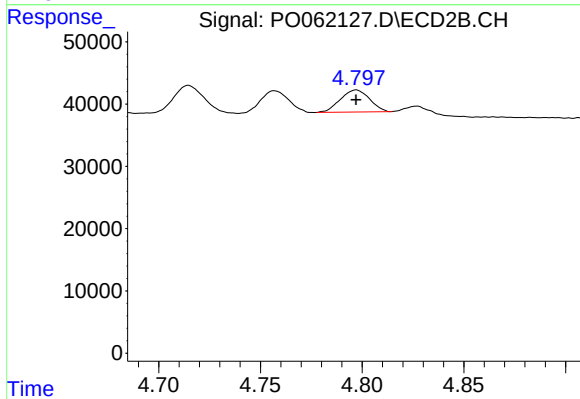
#13 AR-1232-3

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 45759
Conc: 50.06 ng/ml



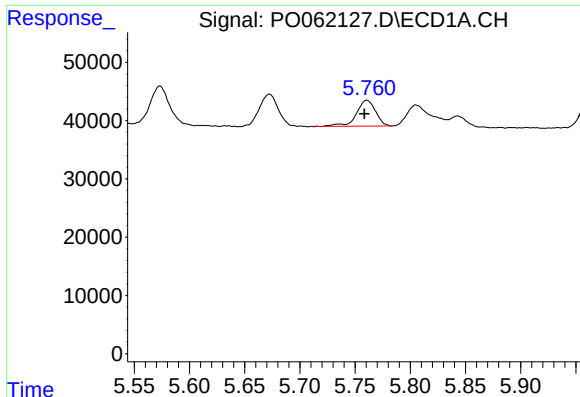
#14 AR-1232-4

R.T.: 5.672 min
Delta R.T.: 0.003 min
Response: 65572
Conc: 51.01 ng/ml



#14 AR-1232-4

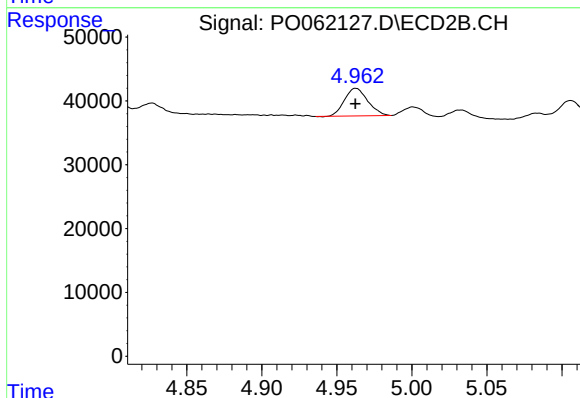
R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 35516
Conc: 43.66 ng/ml



#15 AR-1232-5

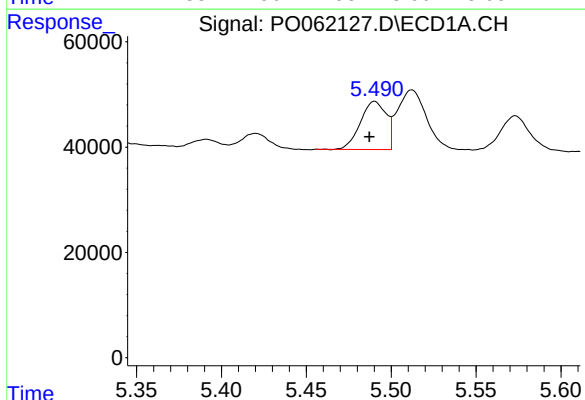
R.T.: 5.761 min
Delta R.T.: 0.002 min
Response: 54017
Conc: 54.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



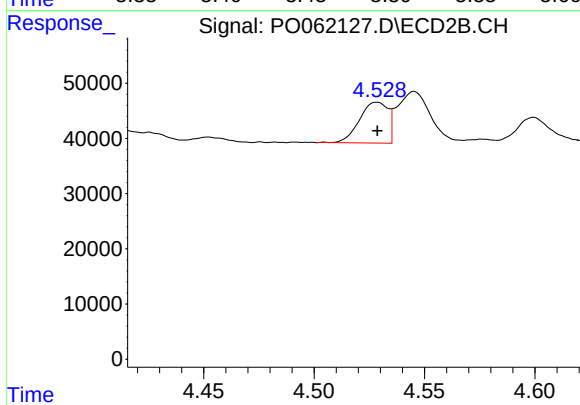
#15 AR-1232-5

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 46673
Conc: 52.85 ng/ml



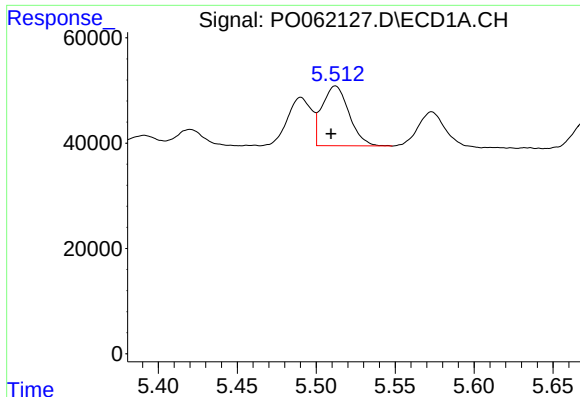
#16 AR-1242-1

R.T.: 5.490 min
Delta R.T.: 0.003 min
Response: 96962
Conc: 52.33 ng/ml



#16 AR-1242-1

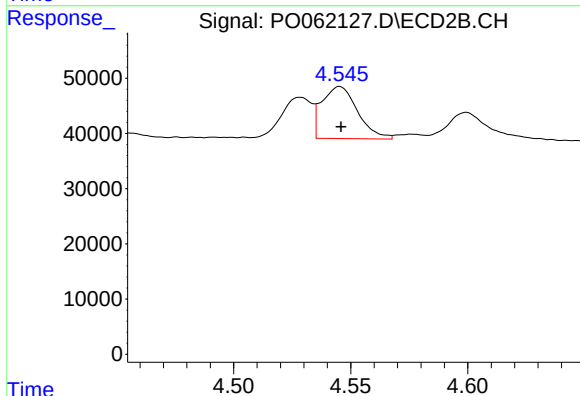
R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 66641
Conc: 55.41 ng/ml



#17 AR-1242-2

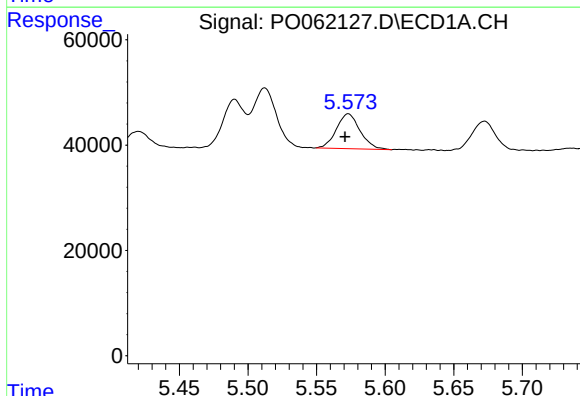
R.T.: 5.512 min
Delta R.T.: 0.003 min
Response: 135198
Conc: 50.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



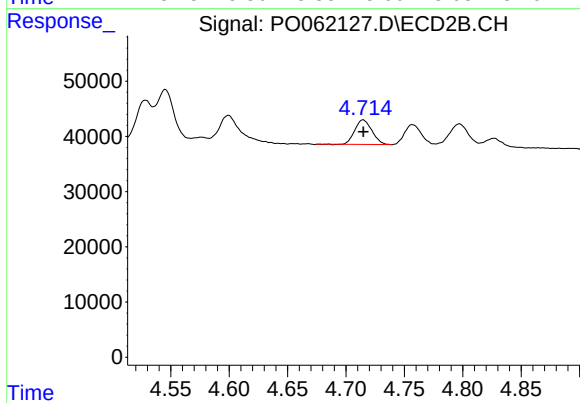
#17 AR-1242-2

R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 99872
Conc: 56.07 ng/ml



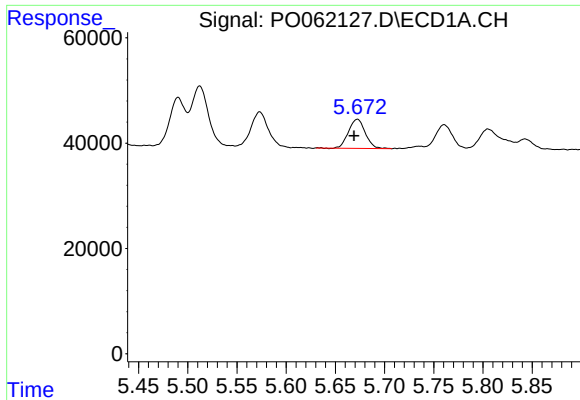
#18 AR-1242-3

R.T.: 5.573 min
Delta R.T.: 0.002 min
Response: 79981
Conc: 48.97 ng/ml



#18 AR-1242-3

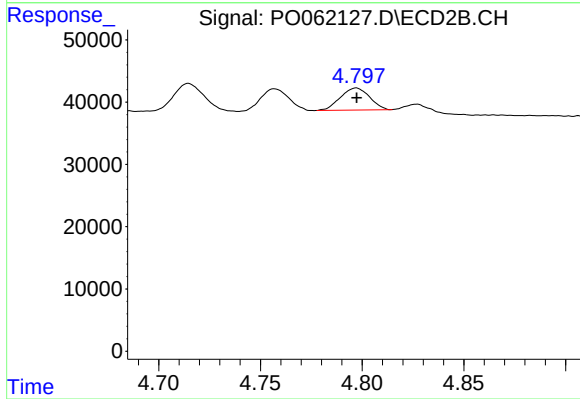
R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 45759
Conc: 48.06 ng/ml



#19 AR-1242-4

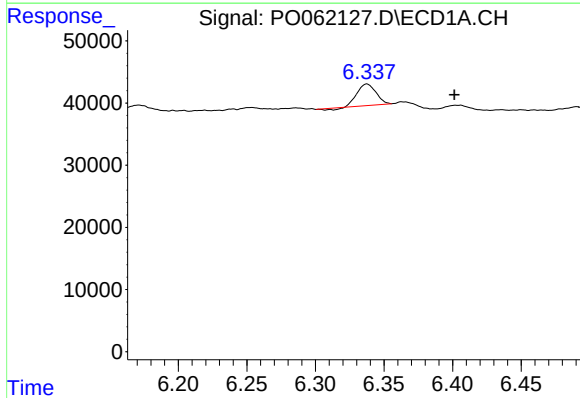
R.T.: 5.672 min
Delta R.T.: 0.003 min
Response: 65572
Conc: 48.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



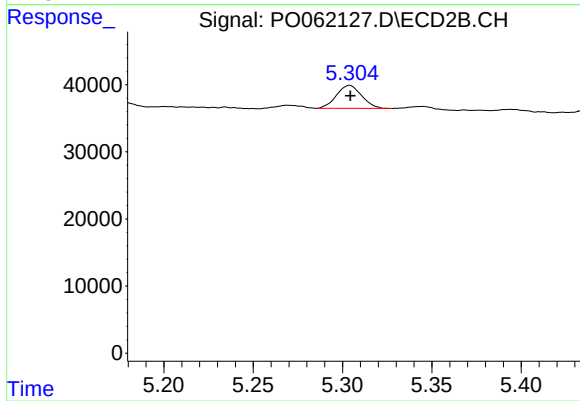
#19 AR-1242-4

R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 35516
Conc: 37.62 ng/ml



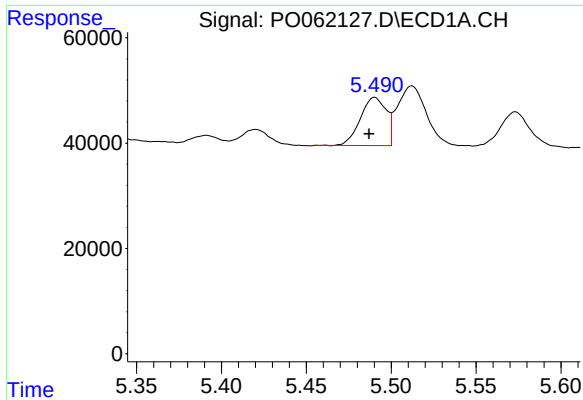
#20 AR-1242-5

R.T.: 6.338 min
Delta R.T.: -0.064 min
Response: 31753
Conc: 20.77 ng/ml



#20 AR-1242-5

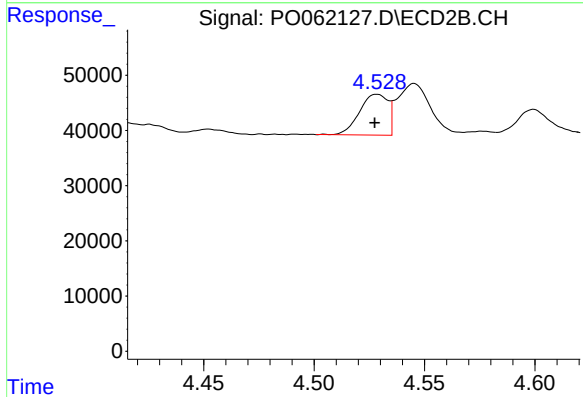
R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 33613
Conc: 28.17 ng/ml



#21 AR-1248-1

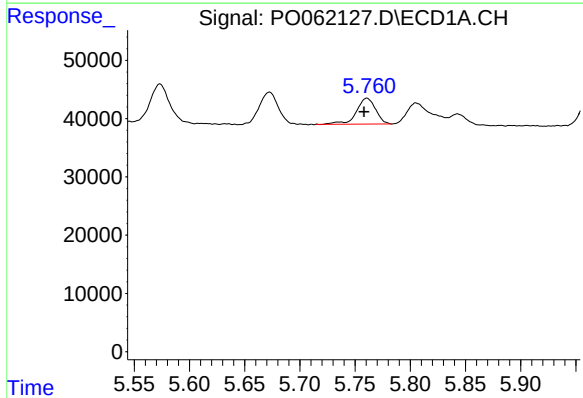
R.T.: 5.490 min
Delta R.T.: 0.003 min
Response: 96962
Conc: 67.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



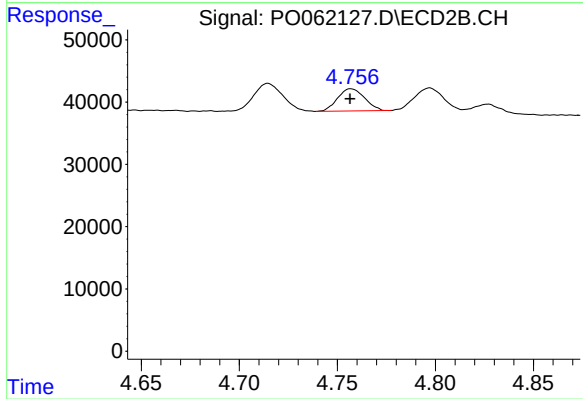
#21 AR-1248-1

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 66641
Conc: 67.88 ng/ml



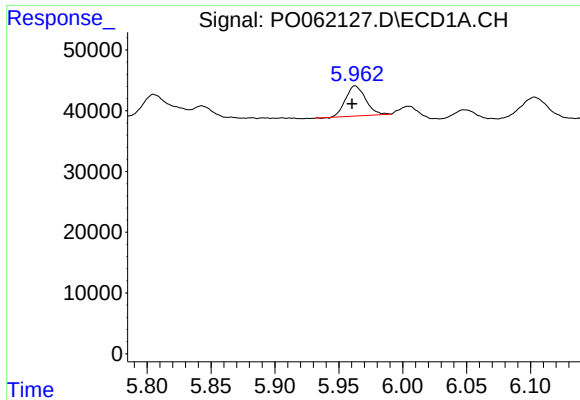
#22 AR-1248-2

R.T.: 5.761 min
Delta R.T.: 0.003 min
Response: 54017
Conc: 26.98 ng/ml



#22 AR-1248-2

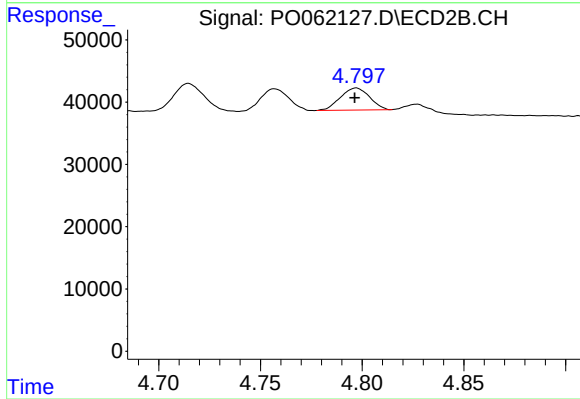
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 34248
Conc: 27.03 ng/ml



#23 AR-1248-3

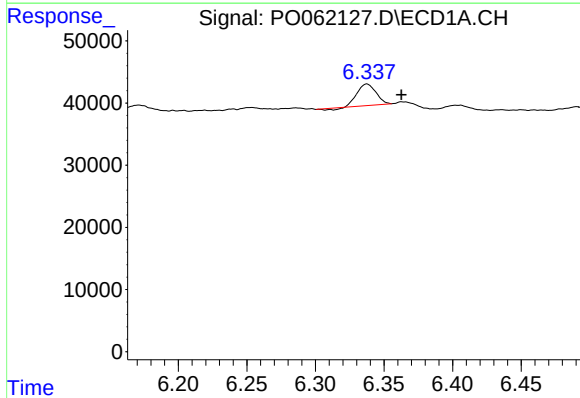
R.T.: 5.963 min
Delta R.T.: 0.002 min
Response: 53952
Conc: 24.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



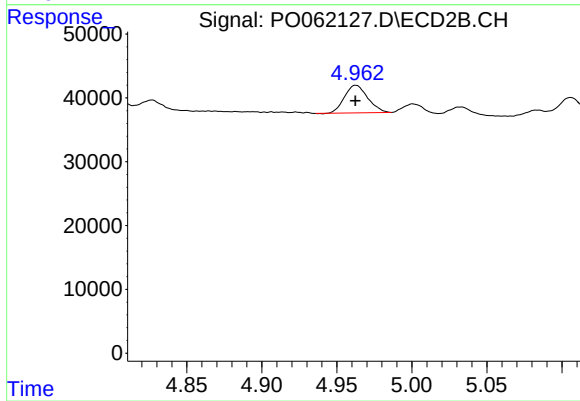
#23 AR-1248-3

R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 35516
Conc: 26.76 ng/ml



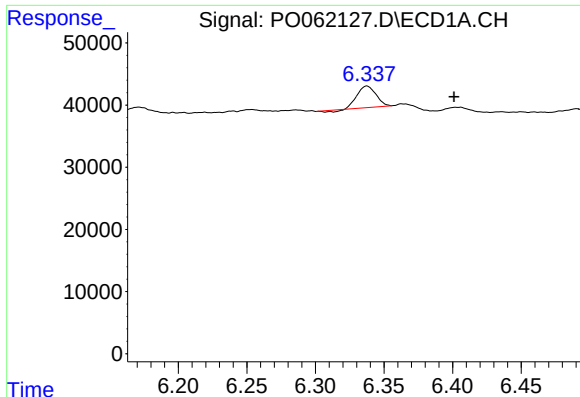
#24 AR-1248-4

R.T.: 6.338 min
Delta R.T.: -0.025 min
Response: 31753
Conc: 12.43 ng/ml



#24 AR-1248-4

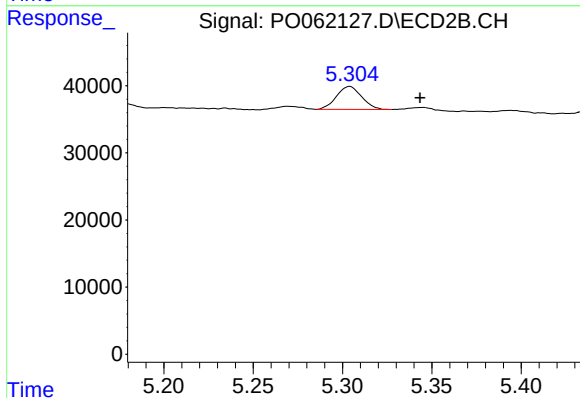
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 46673
Conc: 29.50 ng/ml



#25 AR-1248-5

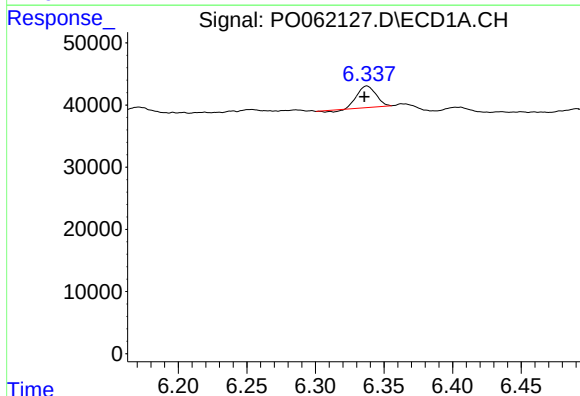
R.T.: 6.338 min
Delta R.T.: -0.063 min
Response: 31753
Conc: 12.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



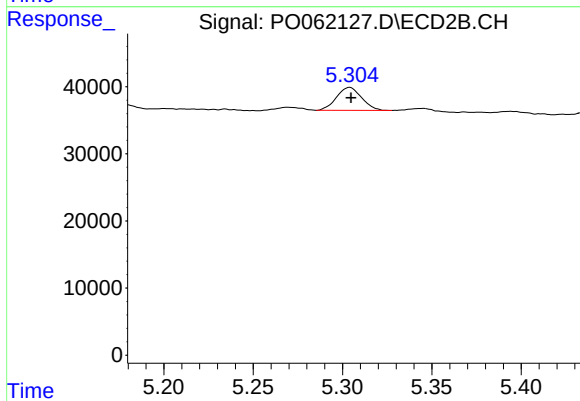
#25 AR-1248-5

R.T.: 5.304 min
Delta R.T.: -0.039 min
Response: 33613
Conc: 21.84 ng/ml



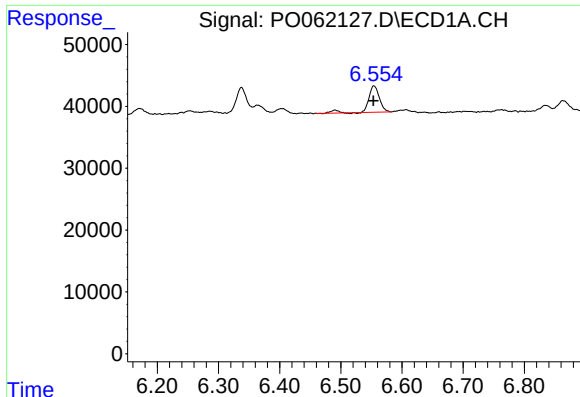
#26 AR-1254-1

R.T.: 6.338 min
Delta R.T.: 0.002 min
Response: 31753
Conc: 11.91 ng/ml



#26 AR-1254-1

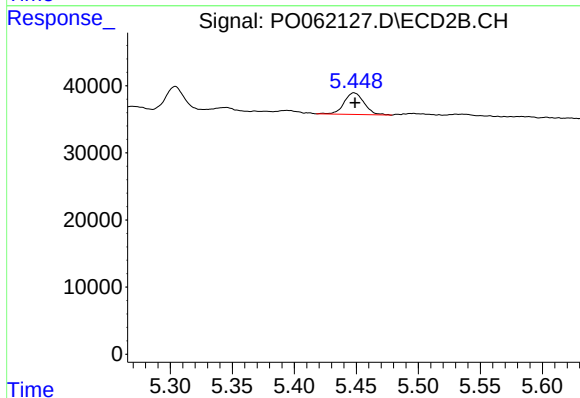
R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 33613
Conc: 13.74 ng/ml



#27 AR-1254-2

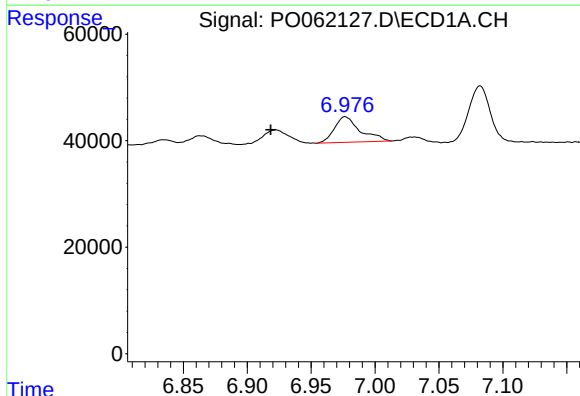
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 53012
Conc: 12.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



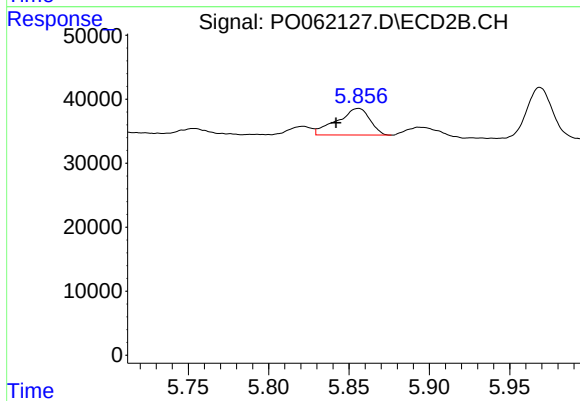
#27 AR-1254-2

R.T.: 5.448 min
Delta R.T.: 0.000 min
Response: 36257
Conc: 17.12 ng/ml



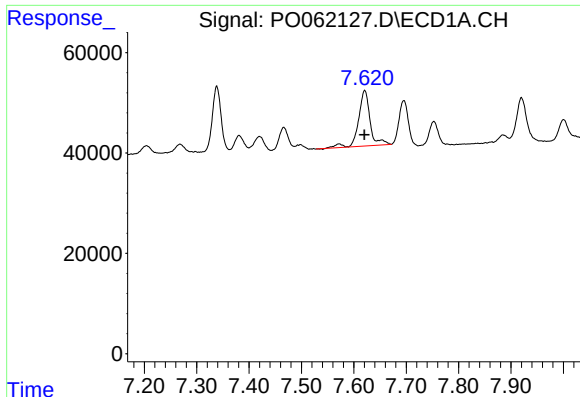
#28 AR-1254-3

R.T.: 6.977 min
Delta R.T.: 0.058 min
Response: 67678
Conc: 16.17 ng/ml



#28 AR-1254-3

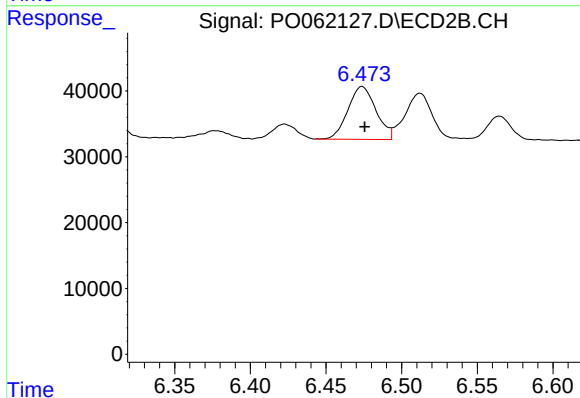
R.T.: 5.856 min
Delta R.T.: 0.014 min
Response: 59198
Conc: 18.17 ng/ml



#30 AR-1254-5

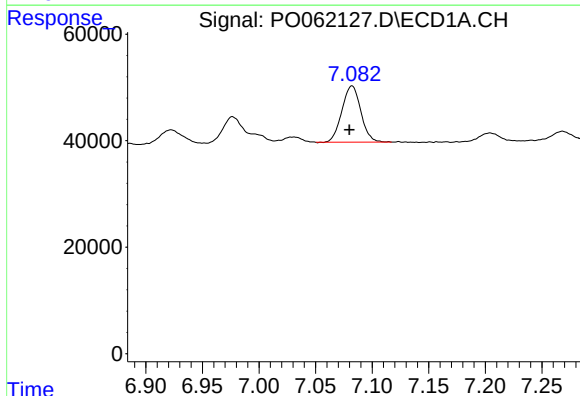
R.T.: 7.621 min
Delta R.T.: 0.000 min
Response: 169915
Conc: 54.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



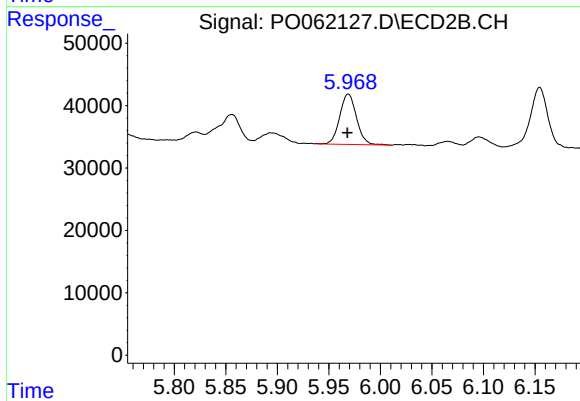
#30 AR-1254-5

R.T.: 6.474 min
Delta R.T.: -0.002 min
Response: 103506
Conc: 39.19 ng/ml



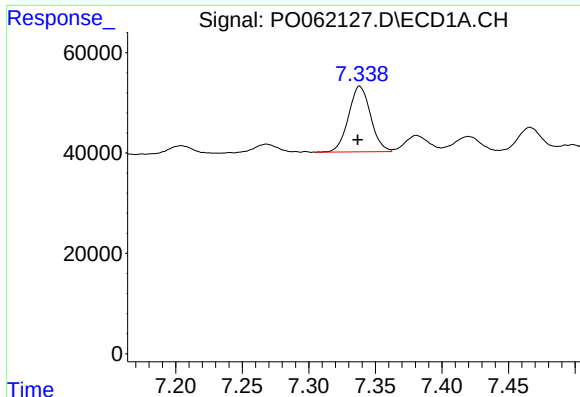
#31 AR-1260-1

R.T.: 7.082 min
Delta R.T.: 0.002 min
Response: 123222
Conc: 43.28 ng/ml



#31 AR-1260-1

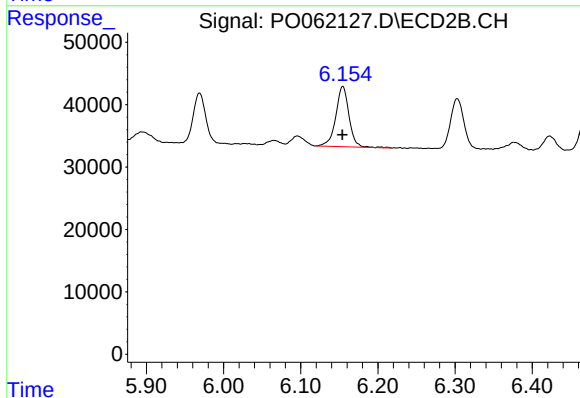
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 91320
Conc: 42.98 ng/ml



#32 AR-1260-2

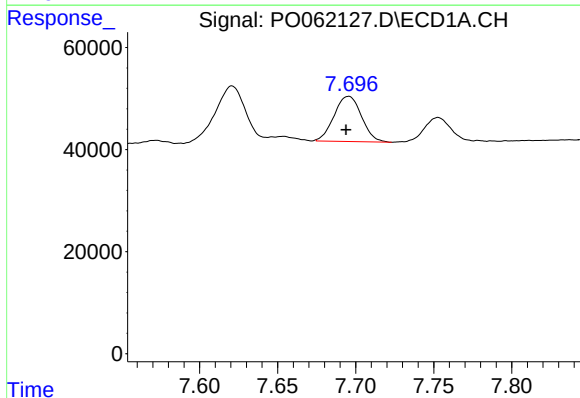
R.T.: 7.338 min
Delta R.T.: 0.002 min
Response: 150765
Conc: 43.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



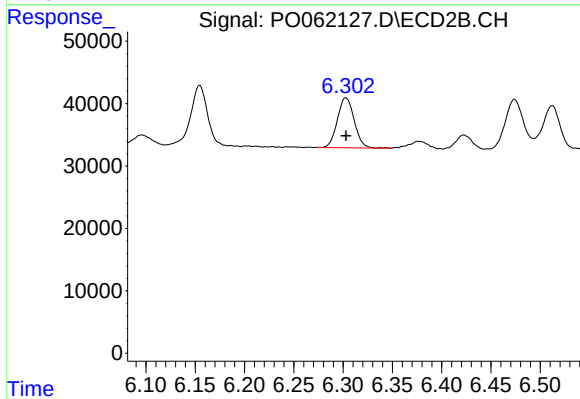
#32 AR-1260-2

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 115792
Conc: 45.63 ng/ml



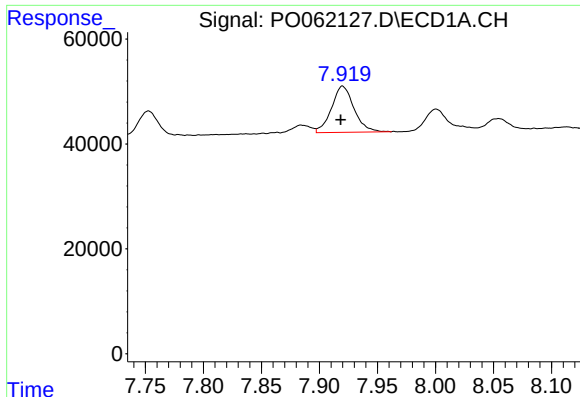
#33 AR-1260-3

R.T.: 7.696 min
Delta R.T.: 0.002 min
Response: 108128
Conc: 40.86 ng/ml



#33 AR-1260-3

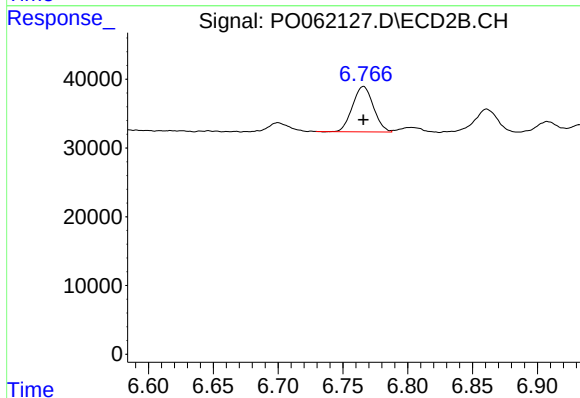
R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 95317
Conc: 42.21 ng/ml



#34 AR-1260-4

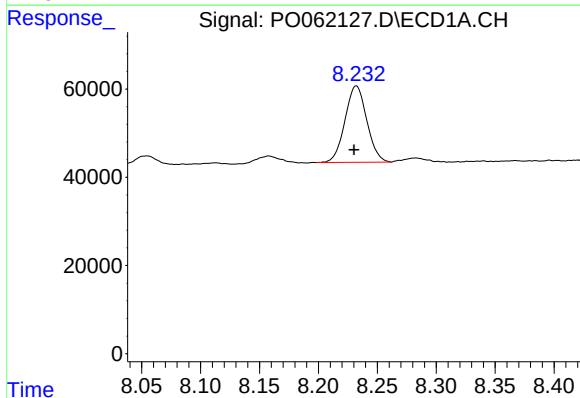
R.T.: 7.920 min
Delta R.T.: 0.002 min
Response: 119066
Conc: 42.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



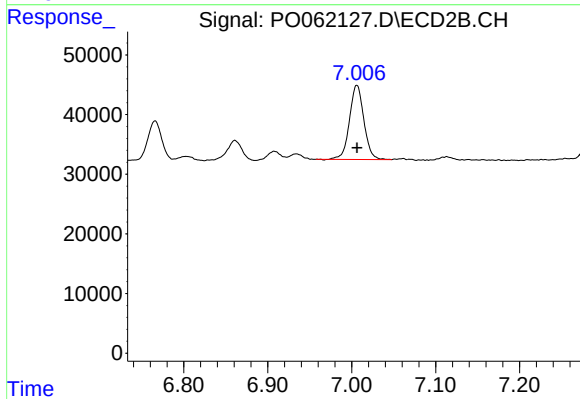
#34 AR-1260-4

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 74249
Conc: 42.29 ng/ml



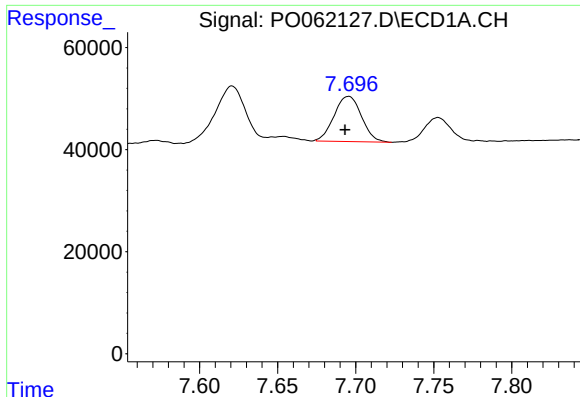
#35 AR-1260-5

R.T.: 8.232 min
Delta R.T.: 0.002 min
Response: 223265
Conc: 42.64 ng/ml



#35 AR-1260-5

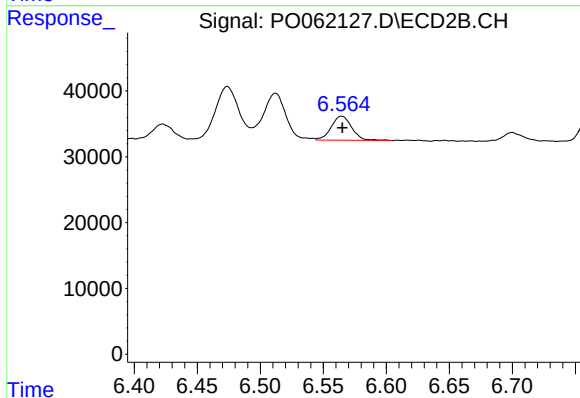
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 148102
Conc: 41.11 ng/ml



#36 AR-1262-1

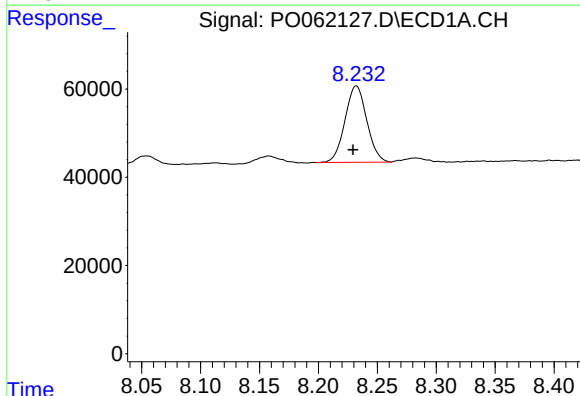
R.T.: 7.696 min
Delta R.T.: 0.002 min
Response: 108128
Conc: 26.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



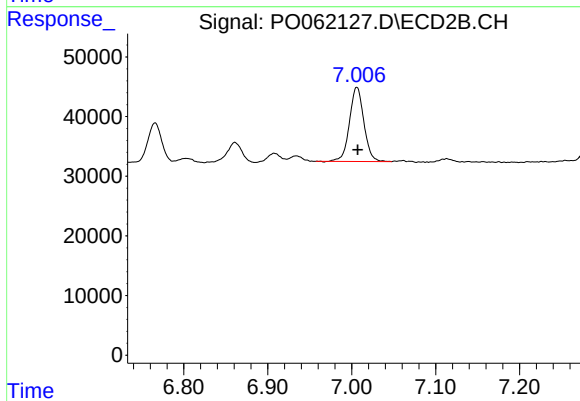
#36 AR-1262-1

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 41507
Conc: 34.83 ng/ml



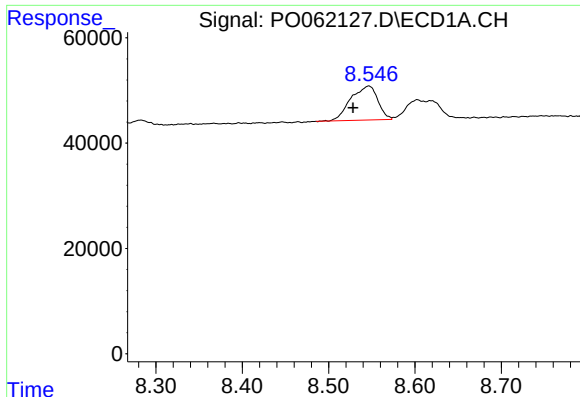
#37 AR-1262-2

R.T.: 8.232 min
Delta R.T.: 0.003 min
Response: 223265
Conc: 34.63 ng/ml



#37 AR-1262-2

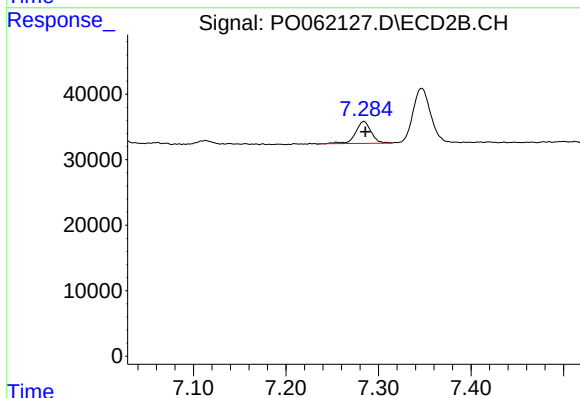
R.T.: 7.006 min
Delta R.T.: -0.001 min
Response: 148102
Conc: 35.25 ng/ml



#38 AR-1262-3

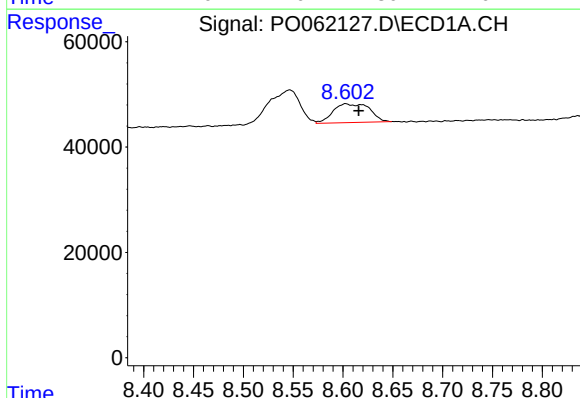
R.T.: 8.547 min
Delta R.T.: 0.018 min
Response: 140190
Conc: 31.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



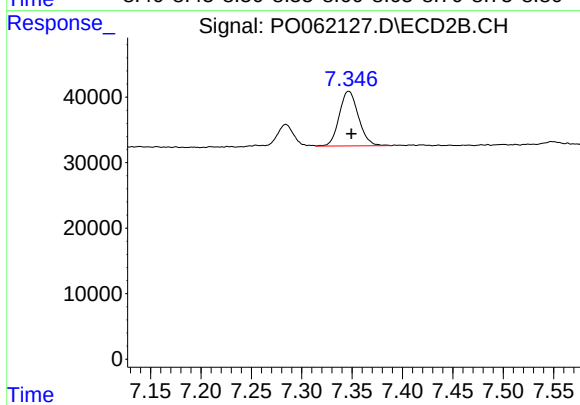
#38 AR-1262-3

R.T.: 7.284 min
Delta R.T.: -0.002 min
Response: 39179
Conc: 22.28 ng/ml



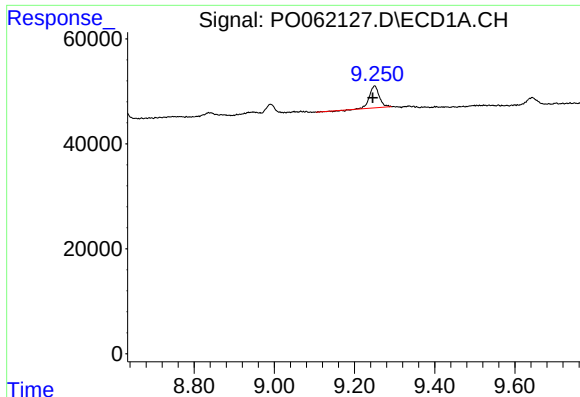
#39 AR-1262-4

R.T.: 8.603 min
Delta R.T.: -0.013 min
Response: 90779
Conc: 26.27 ng/ml



#39 AR-1262-4

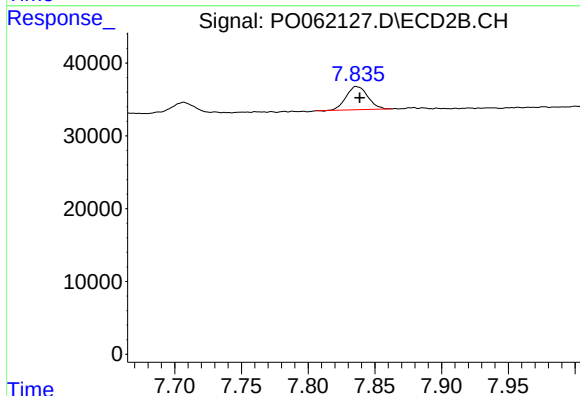
R.T.: 7.347 min
Delta R.T.: -0.003 min
Response: 110782
Conc: 36.24 ng/ml



#40 AR-1262-5

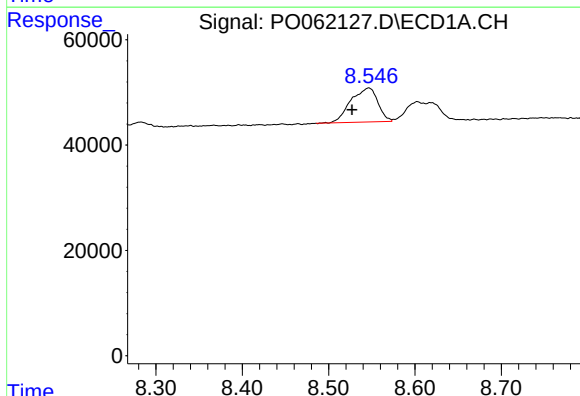
R.T.: 9.250 min
Delta R.T.: 0.005 min
Response: 70535
Conc: 31.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



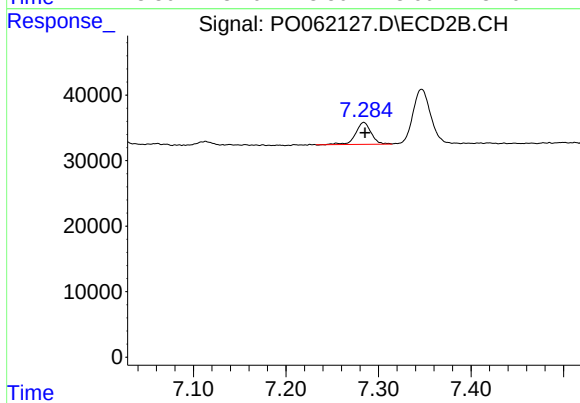
#40 AR-1262-5

R.T.: 7.836 min
Delta R.T.: -0.002 min
Response: 36057
Conc: 27.61 ng/ml



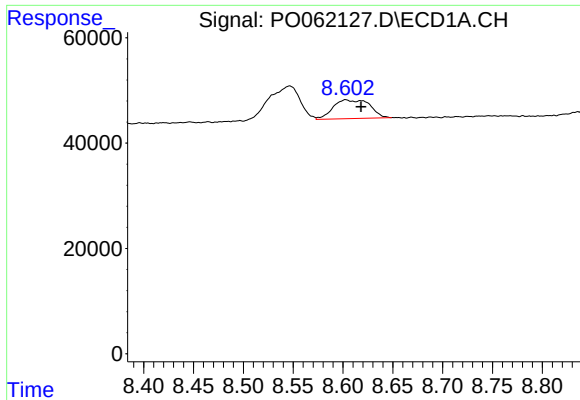
#41 AR-1268-1

R.T.: 8.547 min
Delta R.T.: 0.020 min
Response: 140190
Conc: 18.52 ng/ml



#41 AR-1268-1

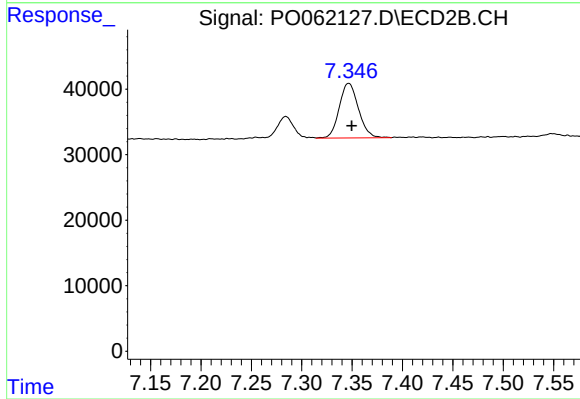
R.T.: 7.284 min
Delta R.T.: -0.001 min
Response: 39179
Conc: 8.37 ng/ml



#42 AR-1268-2

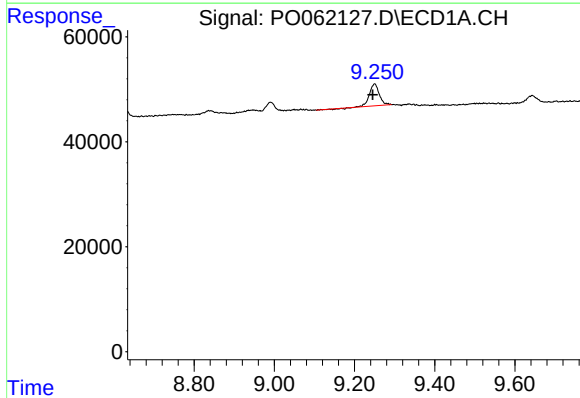
R.T.: 8.603 min
Delta R.T.: -0.015 min
Response: 90779
Conc: 12.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



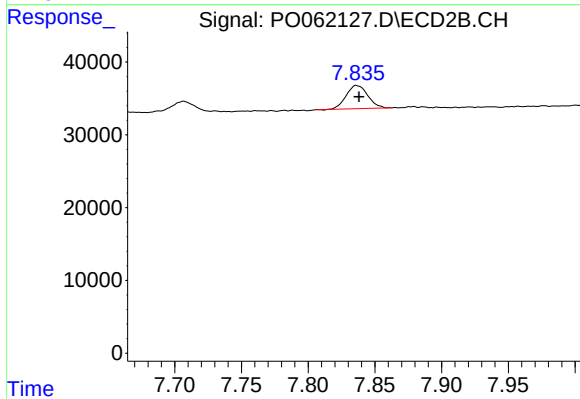
#42 AR-1268-2

R.T.: 7.347 min
Delta R.T.: -0.003 min
Response: 110782
Conc: 26.52 ng/ml



#44 AR-1268-4

R.T.: 9.250 min
Delta R.T.: 0.005 min
Response: 70535
Conc: 29.69 ng/ml



#44 AR-1268-4

R.T.: 7.836 min
Delta R.T.: -0.002 min
Response: 36057
Conc: 25.31 ng/ml