

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0101519\
 Data File : P0062006.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Oct 2019 13:33
 Operator : HP/AJ
 Sample : K5111-02
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 15:00:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0101119.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...	4.323	3.483	1063172	729006	17.190	17.000
2)	SA Decachlor...	9.949	8.334	1104173	558578	19.734	19.037
Target Compounds							
3)	L1 AR-1016-1	5.484	4.528	126839	87331	53.593	55.833
4)	L1 AR-1016-2	5.505	4.545	183850	130832	53.975	56.250
5)	L1 AR-1016-3	5.567	4.714	115275	65719	55.704	53.168
6)	L1 AR-1016-4	5.665	4.756	89022	49327	52.523	50.196
7)	L1 AR-1016-5	5.957	4.961	90700	68288	51.003	52.955
10)	L2 AR-1221-3	4.694	3.844	57750	44610	35.373	37.908
11)	L3 AR-1232-1	4.694	3.844	57750	44610	26.441	28.790
12)	L3 AR-1232-2	5.218	4.545	91729	130832	76.883	75.781
13)	L3 AR-1232-3	5.505	4.714	183850	65719	71.866	71.900
14)	L3 AR-1232-4	5.665	4.796	89022	50574	69.252	62.167
15)	L3 AR-1232-5	5.754	4.961	75870	68288	76.657	77.322
16)	L4 AR-1242-1	5.484	4.528	126839	87331	68.451	72.615
17)	L4 AR-1242-2	5.505	4.545	183850	130832	69.306	73.450
18)	L4 AR-1242-3	5.567	4.714	115275	65719	70.586	69.030
19)	L4 AR-1242-4	5.665	4.796	89022	50574	65.944	53.573
20)	L4 AR-1242-5	0.000	5.303	0	43032	N.D.	36.062 #
21)	L5 AR-1248-1	5.484	4.528	126839	87331	88.498	88.954
22)	L5 AR-1248-2	5.754	4.756	75870	49327	37.894	38.935
23)	L5 AR-1248-3	5.957	4.796	90700	50574	41.067	38.099
24)	L5 AR-1248-4	6.330	4.961	46918	68288	18.366	43.156 #
25)	L5 AR-1248-5	0.000	5.303	0	43032	N.D.	27.961 #
26)	L6 AR-1254-1	6.330	5.303	46918	43032	17.601	17.594
27)	L6 AR-1254-2	6.548	5.447	70489	41286	17.241	19.494
28)	L6 AR-1254-3	6.914	5.854	44163	79275	10.555	24.331 #
30)	L6 AR-1254-5	7.614	6.472	171648	124195	54.771	47.022
31)	L7 AR-1260-1	7.075	5.966	165370	108889	58.083	51.248
32)	L7 AR-1260-2	7.331	6.152	188101	129749	54.831	51.130
33)	L7 AR-1260-3	7.689	6.301	133160	111391	50.323	49.330
34)	L7 AR-1260-4	7.913	6.763	145511	86044	52.023	49.004
35)	L7 AR-1260-5	8.225	7.004	274949	183940	52.515	51.060
36)	L8 AR-1262-1	7.689	6.562	133160	52166	32.439	43.772 #
37)	L8 AR-1262-2	8.225	7.004	274949	183940	42.641	43.776
38)	L8 AR-1262-3	8.538	7.281	180072	51785	40.950	29.443 #
39)	L8 AR-1262-4	8.592	7.344	125525	137826	36.332	45.084
40)	L8 AR-1262-5	9.240	7.834	83624	47732	37.023	36.548
41)	L9 AR-1268-1	8.538	7.281	180072	51785	23.788	11.058 #
42)	L9 AR-1268-2	8.592	7.344	125525	137826	17.869	32.990 #
44)	L9 AR-1268-4	9.240	7.834	83624	47732	35.195	33.499

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0101519\
Data File : P0062006.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 15 Oct 2019 13:33
Operator : HP/AJ
Sample : K5111-02
Misc : AR1660 LOQ 50 PPB
ALS Vial : 13 Sample Multiplier: 1

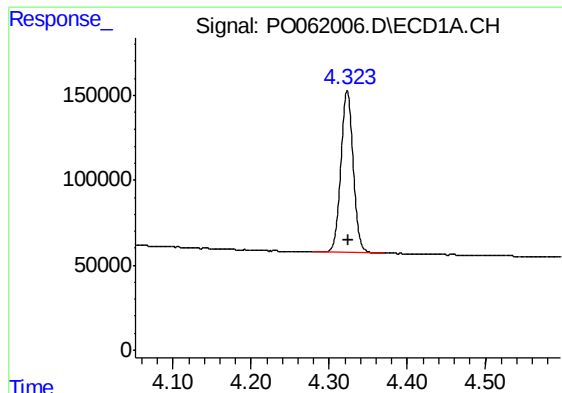
Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 15:00:51 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0101119.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 12 06:25:38 2019
Response via : Initial Calibration
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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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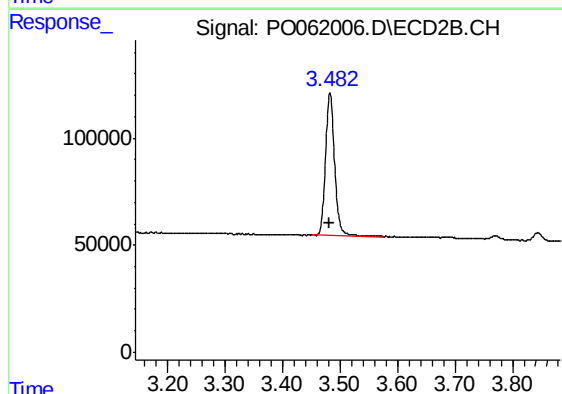
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

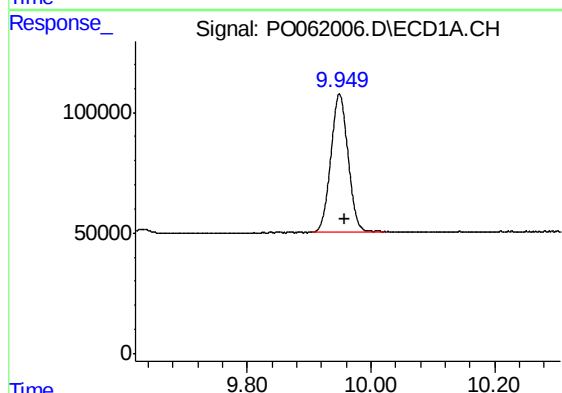
R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 1063172
Conc: 17.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



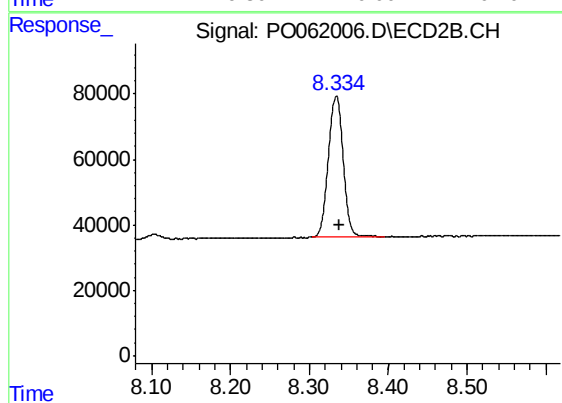
#1 Tetrachloro-m-xylene

R.T.: 3.483 min
Delta R.T.: 0.001 min
Response: 729006
Conc: 17.00 ng/ml



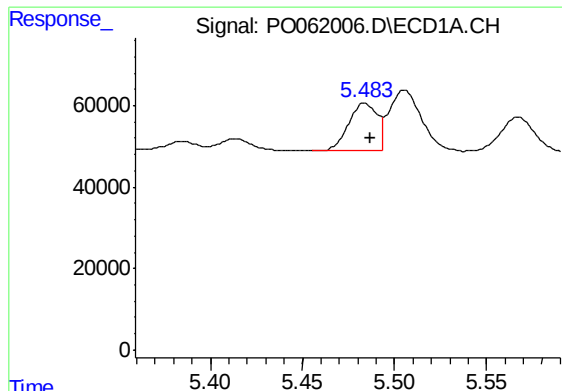
#2 Decachlorobiphenyl

R.T.: 9.949 min
Delta R.T.: -0.007 min
Response: 1104173
Conc: 19.73 ng/ml



#2 Decachlorobiphenyl

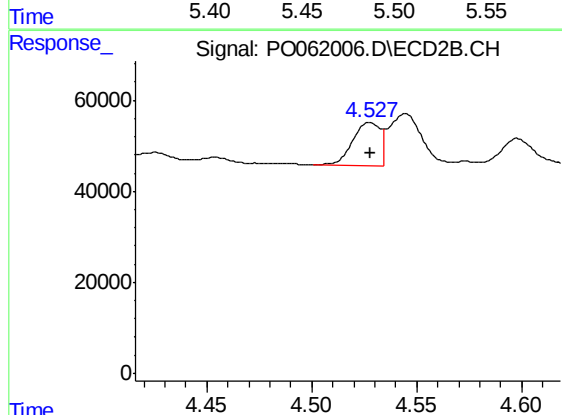
R.T.: 8.334 min
Delta R.T.: -0.004 min
Response: 558578
Conc: 19.04 ng/ml



#3 AR-1016-1

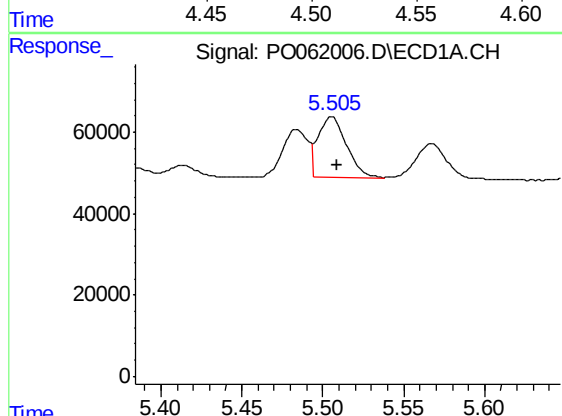
R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 126839
Conc: 53.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



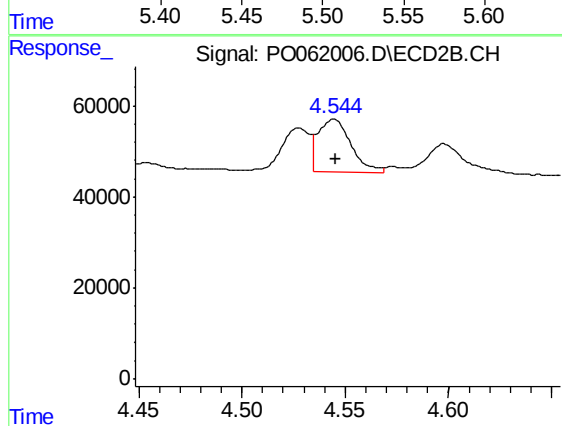
#3 AR-1016-1

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 87331
Conc: 55.83 ng/ml



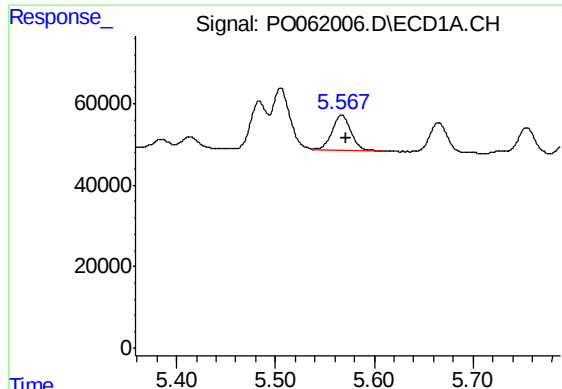
#4 AR-1016-2

R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 183850
Conc: 53.97 ng/ml



#4 AR-1016-2

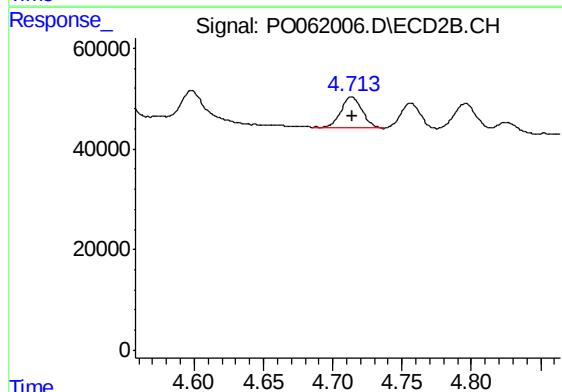
R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 130832
Conc: 56.25 ng/ml



#5 AR-1016-3

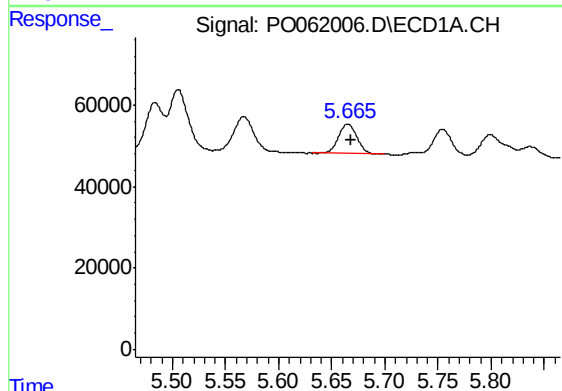
R.T.: 5.567 min
Delta R.T.: -0.004 min
Response: 115275
Conc: 55.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



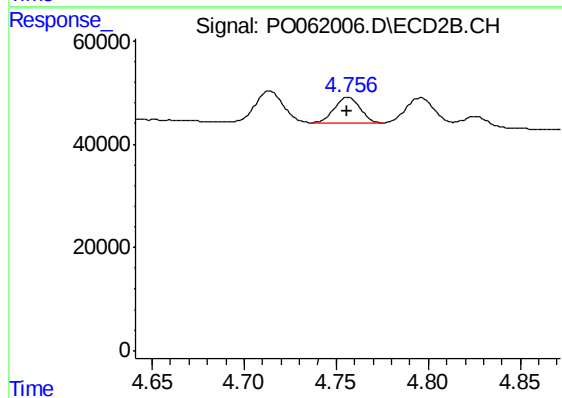
#5 AR-1016-3

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 65719
Conc: 53.17 ng/ml



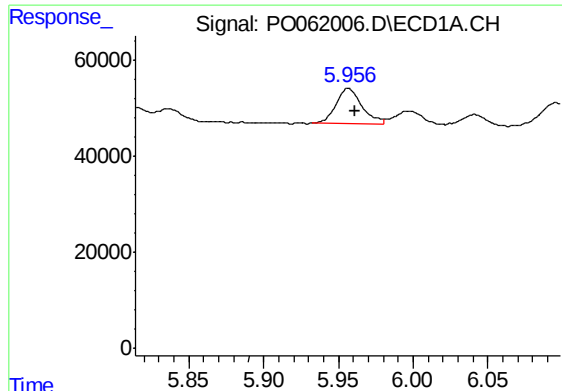
#6 AR-1016-4

R.T.: 5.665 min
Delta R.T.: -0.003 min
Response: 89022
Conc: 52.52 ng/ml



#6 AR-1016-4

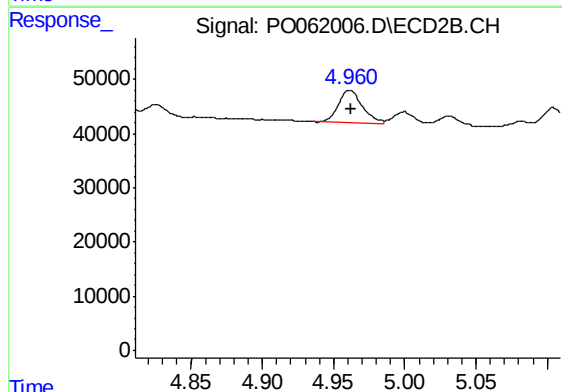
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 49327
Conc: 50.20 ng/ml



#7 AR-1016-5

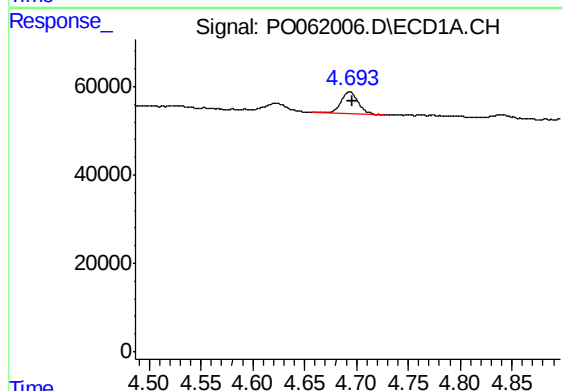
R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 90700
Conc: 51.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



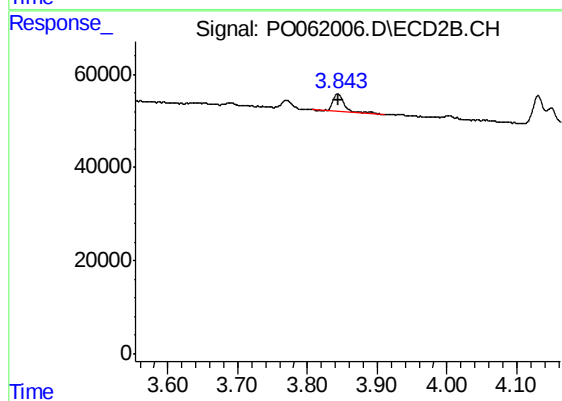
#7 AR-1016-5

R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 68288
Conc: 52.95 ng/ml



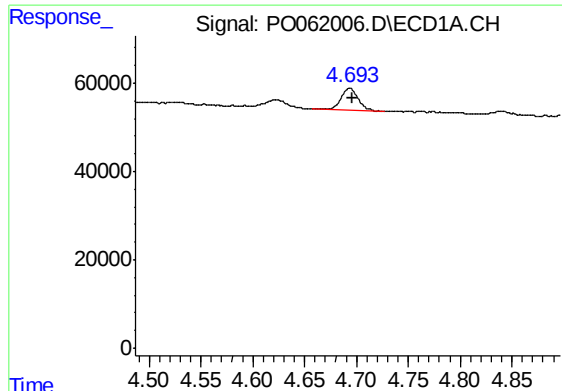
#10 AR-1221-3

R.T.: 4.694 min
Delta R.T.: -0.002 min
Response: 57750
Conc: 35.37 ng/ml



#10 AR-1221-3

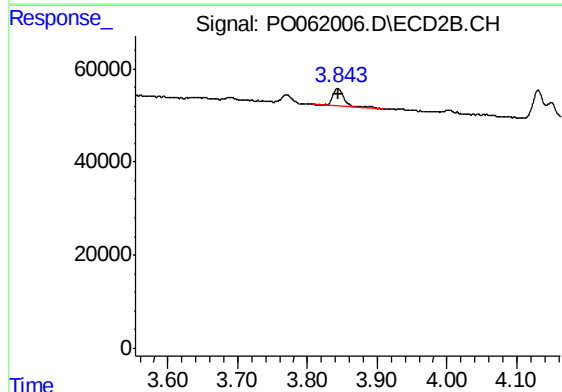
R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 44610
Conc: 37.91 ng/ml



#11 AR-1232-1

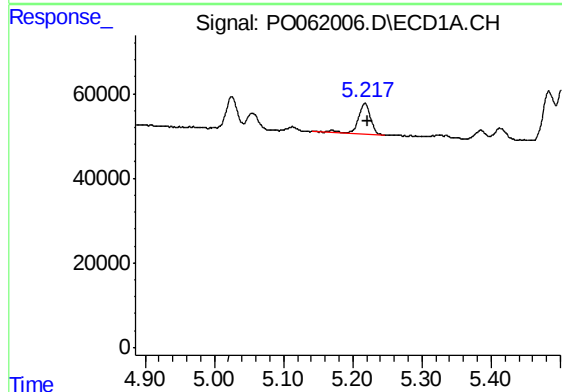
R.T.: 4.694 min
Delta R.T.: -0.002 min
Response: 57750
Conc: 26.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



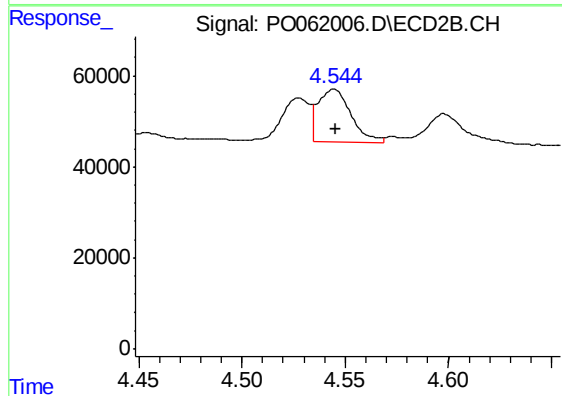
#11 AR-1232-1

R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 44610
Conc: 28.79 ng/ml



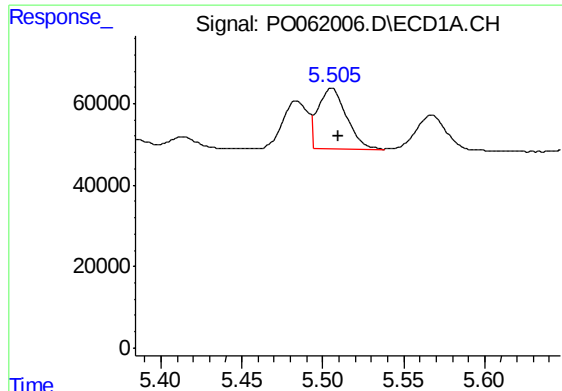
#12 AR-1232-2

R.T.: 5.218 min
Delta R.T.: -0.003 min
Response: 91729
Conc: 76.88 ng/ml



#12 AR-1232-2

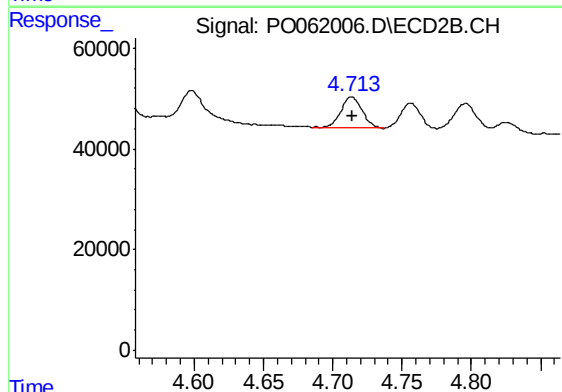
R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 130832
Conc: 75.78 ng/ml



#13 AR-1232-3

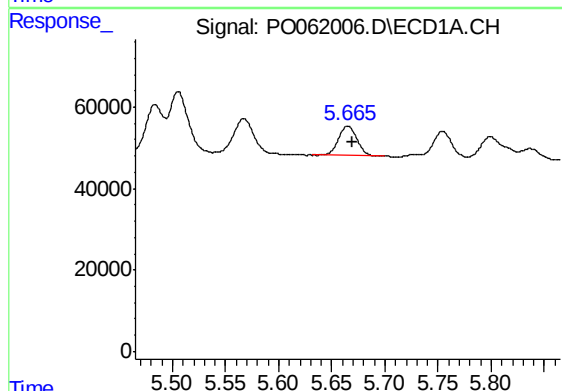
R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 183850
Conc: 71.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



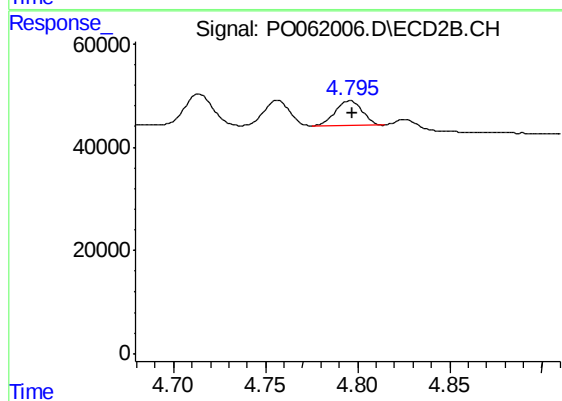
#13 AR-1232-3

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 65719
Conc: 71.90 ng/ml



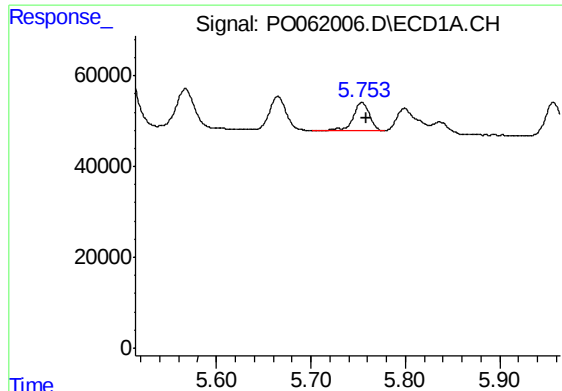
#14 AR-1232-4

R.T.: 5.665 min
Delta R.T.: -0.004 min
Response: 89022
Conc: 69.25 ng/ml



#14 AR-1232-4

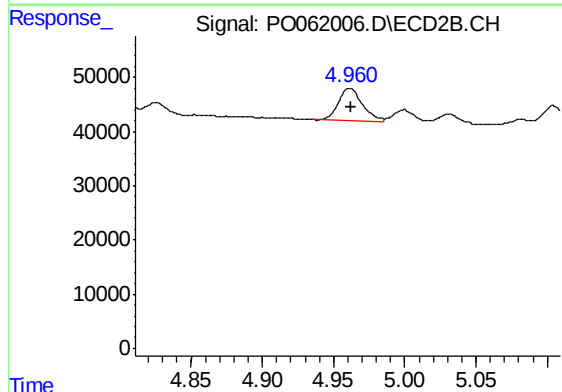
R.T.: 4.796 min
Delta R.T.: -0.001 min
Response: 50574
Conc: 62.17 ng/ml



#15 AR-1232-5

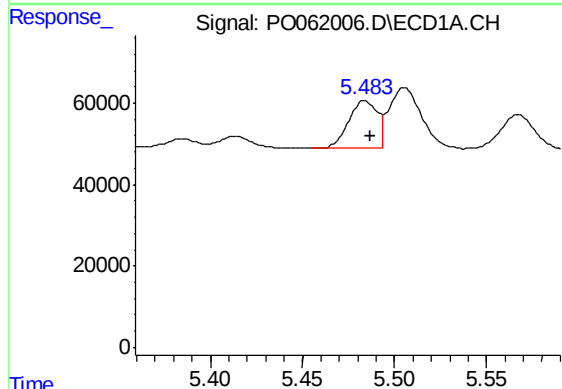
R.T.: 5.754 min
Delta R.T.: -0.004 min
Response: 75870
Conc: 76.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



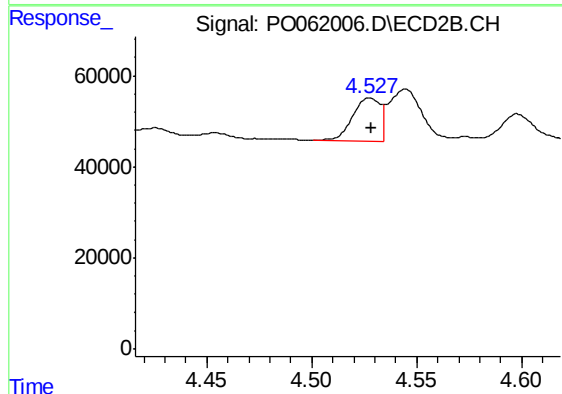
#15 AR-1232-5

R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 68288
Conc: 77.32 ng/ml



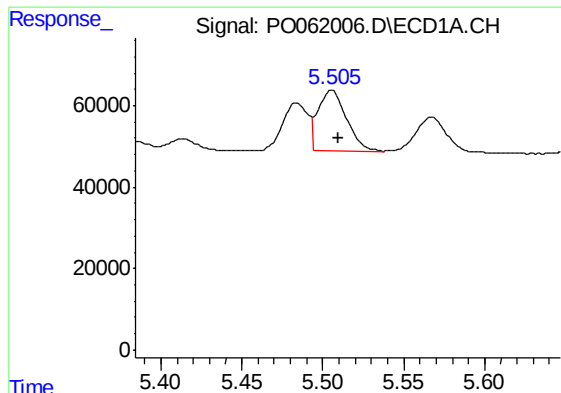
#16 AR-1242-1

R.T.: 5.484 min
Delta R.T.: -0.004 min
Response: 126839
Conc: 68.45 ng/ml



#16 AR-1242-1

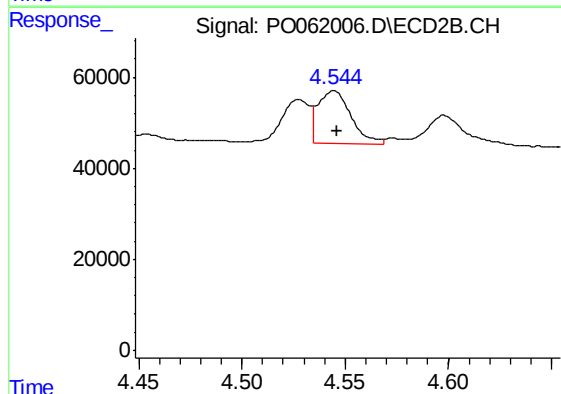
R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 87331
Conc: 72.62 ng/ml



#17 AR-1242-2

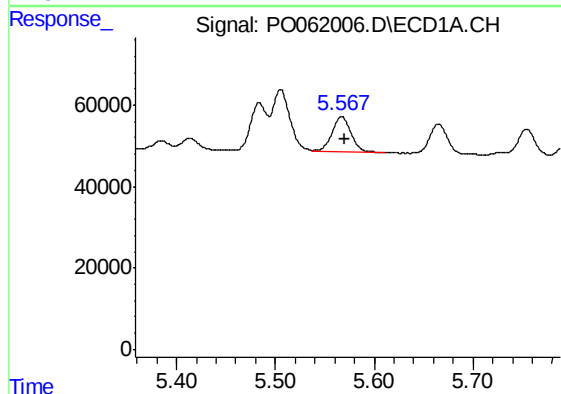
R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 183850
Conc: 69.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



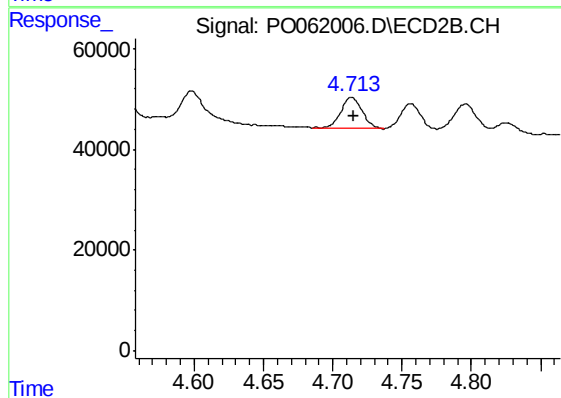
#17 AR-1242-2

R.T.: 4.545 min
Delta R.T.: -0.001 min
Response: 130832
Conc: 73.45 ng/ml



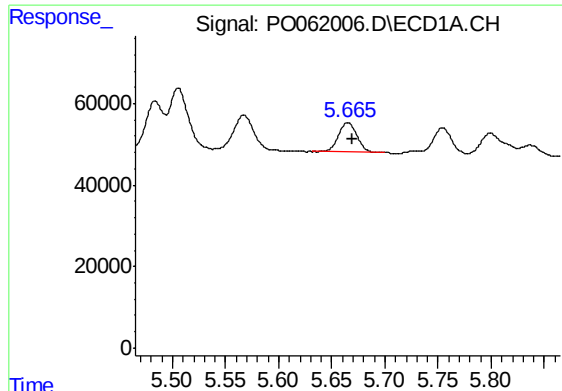
#18 AR-1242-3

R.T.: 5.567 min
Delta R.T.: -0.004 min
Response: 115275
Conc: 70.59 ng/ml



#18 AR-1242-3

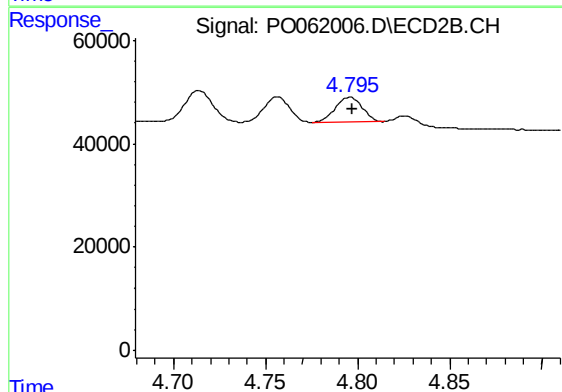
R.T.: 4.714 min
Delta R.T.: -0.001 min
Response: 65719
Conc: 69.03 ng/ml



#19 AR-1242-4

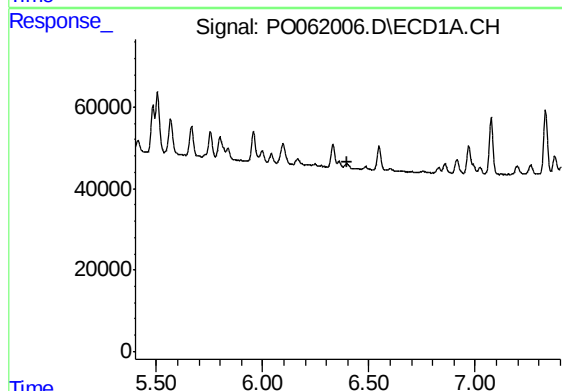
R.T.: 5.665 min
Delta R.T.: -0.004 min
Response: 89022
Conc: 65.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



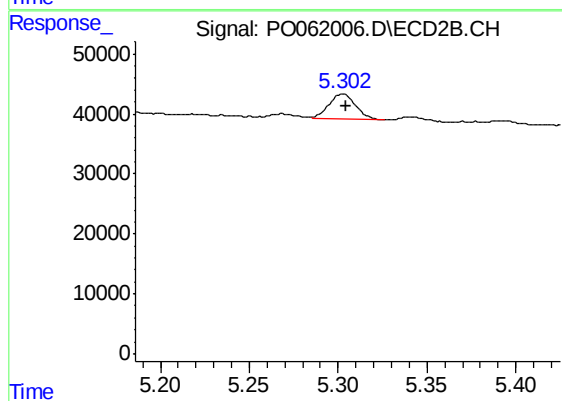
#19 AR-1242-4

R.T.: 4.796 min
Delta R.T.: -0.002 min
Response: 50574
Conc: 53.57 ng/ml



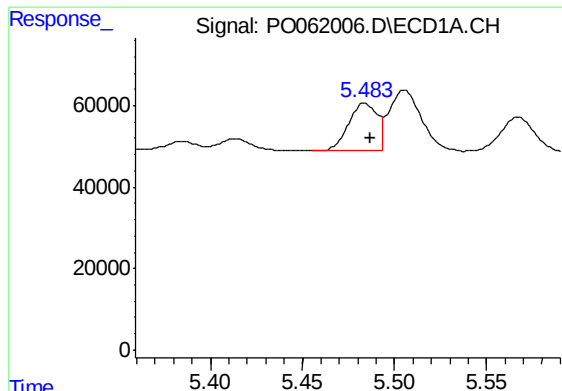
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.401 min
Response: 0
Conc: N.D.



#20 AR-1242-5

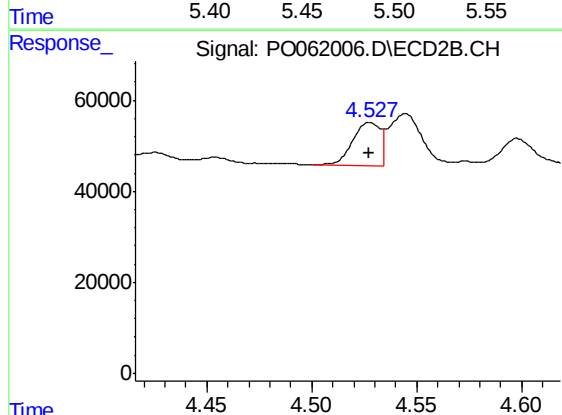
R.T.: 5.303 min
Delta R.T.: -0.002 min
Response: 43032
Conc: 36.06 ng/ml



#21 AR-1248-1

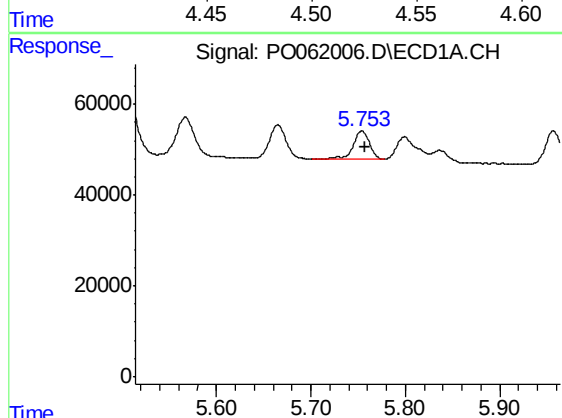
R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 126839
Conc: 88.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



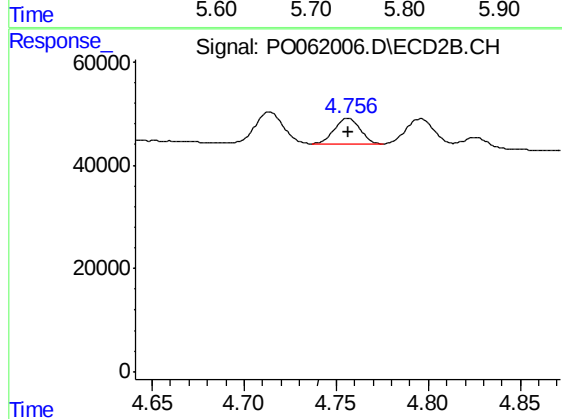
#21 AR-1248-1

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 87331
Conc: 88.95 ng/ml



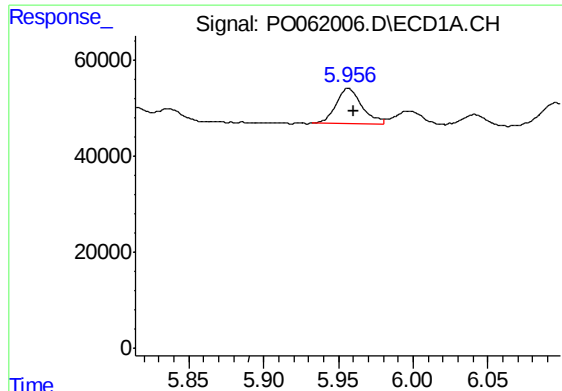
#22 AR-1248-2

R.T.: 5.754 min
Delta R.T.: -0.004 min
Response: 75870
Conc: 37.89 ng/ml



#22 AR-1248-2

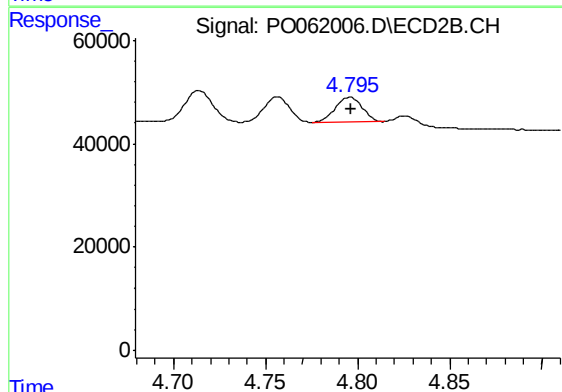
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 49327
Conc: 38.94 ng/ml



#23 AR-1248-3

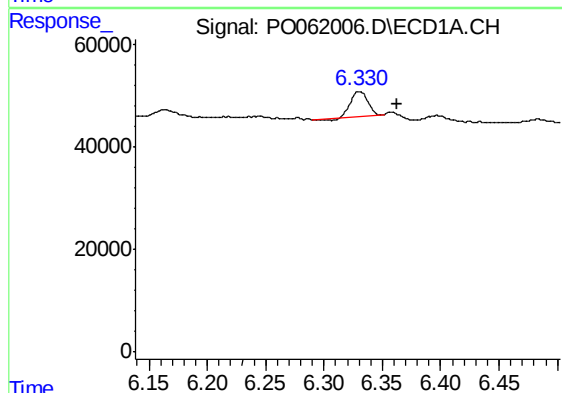
R.T.: 5.957 min
Delta R.T.: -0.004 min
Response: 90700
Conc: 41.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



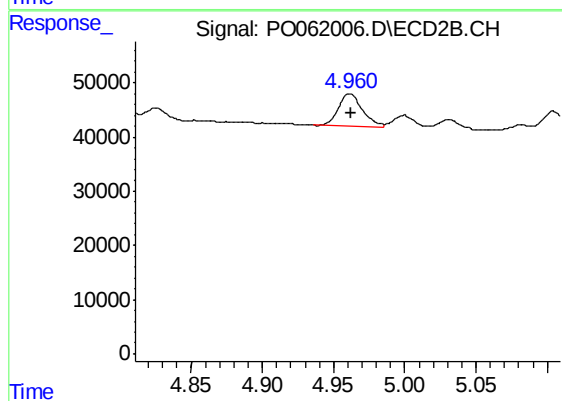
#23 AR-1248-3

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 50574
Conc: 38.10 ng/ml



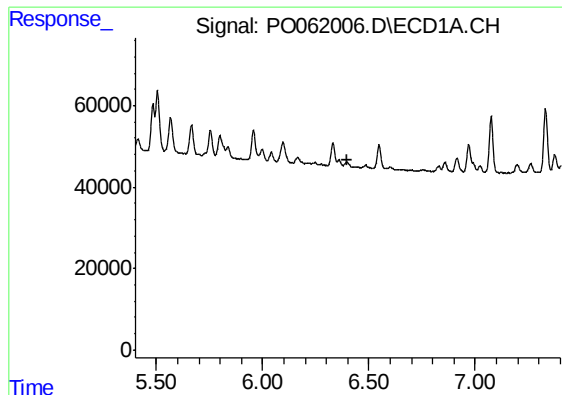
#24 AR-1248-4

R.T.: 6.330 min
Delta R.T.: -0.033 min
Response: 46918
Conc: 18.37 ng/ml



#24 AR-1248-4

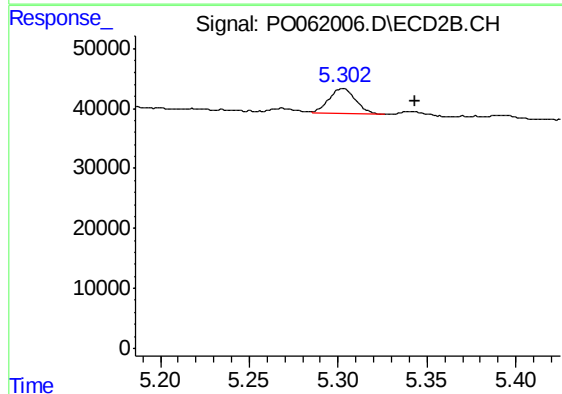
R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 68288
Conc: 43.16 ng/ml



#25 AR-1248-5

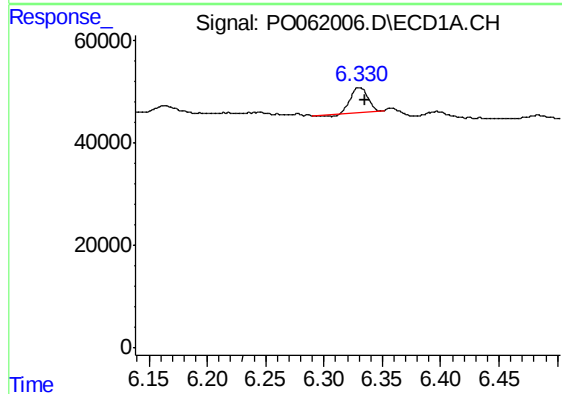
R.T.: 0.000 min
Exp R.T.: 6.401 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



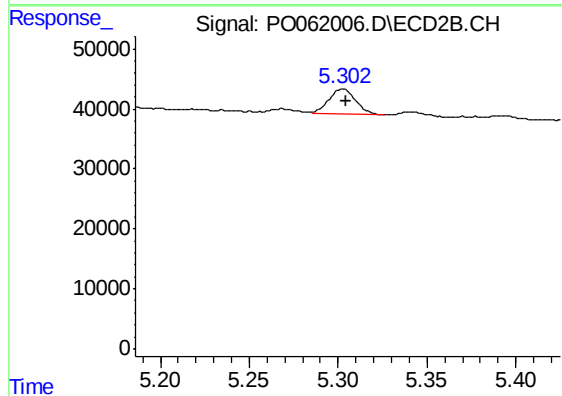
#25 AR-1248-5

R.T.: 5.303 min
Delta R.T.: -0.041 min
Response: 43032
Conc: 27.96 ng/ml



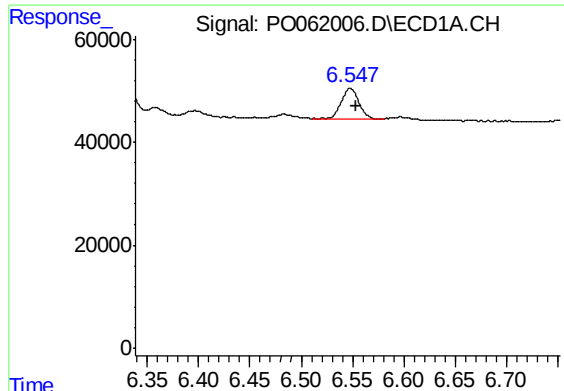
#26 AR-1254-1

R.T.: 6.330 min
Delta R.T.: -0.005 min
Response: 46918
Conc: 17.60 ng/ml



#26 AR-1254-1

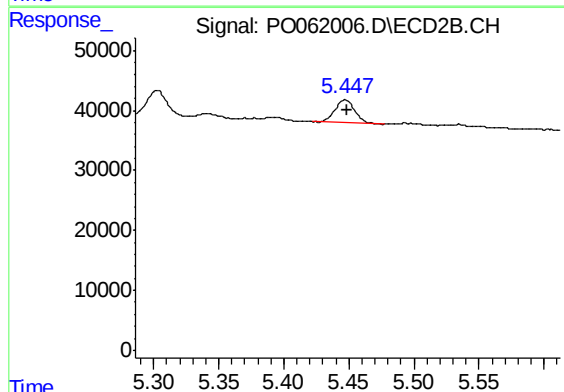
R.T.: 5.303 min
Delta R.T.: -0.002 min
Response: 43032
Conc: 17.59 ng/ml



#27 AR-1254-2

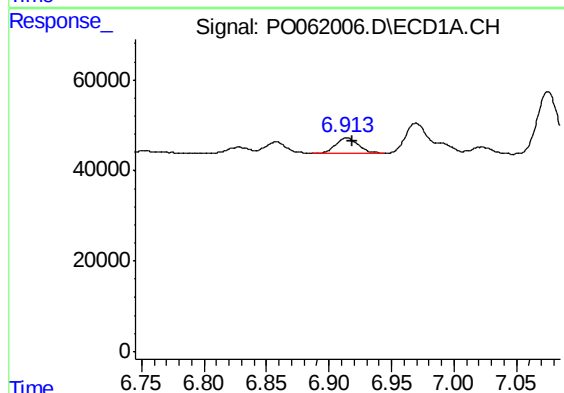
R.T.: 6.548 min
Delta R.T.: -0.006 min
Response: 70489
Conc: 17.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



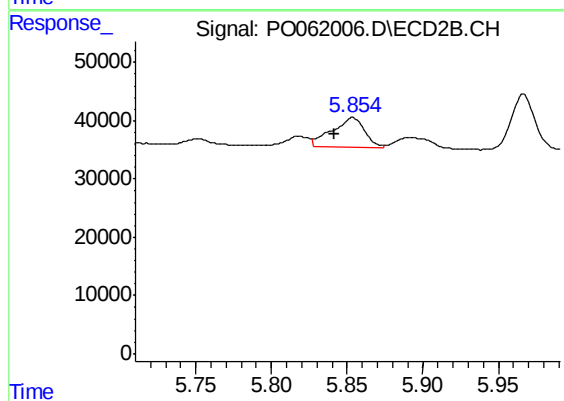
#27 AR-1254-2

R.T.: 5.447 min
Delta R.T.: -0.002 min
Response: 41286
Conc: 19.49 ng/ml



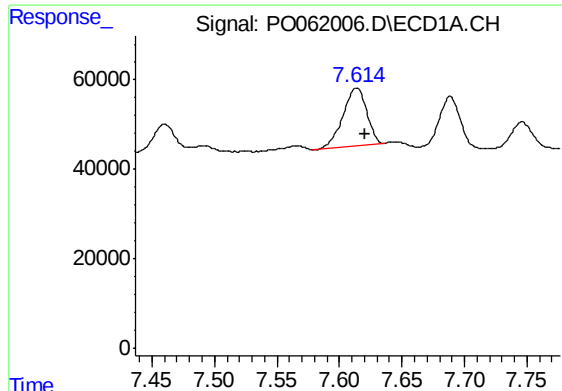
#28 AR-1254-3

R.T.: 6.914 min
Delta R.T.: -0.004 min
Response: 44163
Conc: 10.55 ng/ml



#28 AR-1254-3

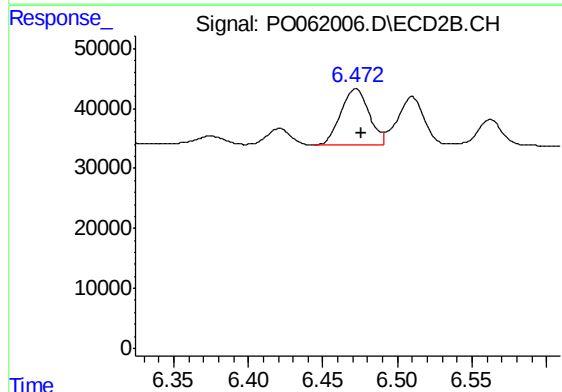
R.T.: 5.854 min
Delta R.T.: 0.012 min
Response: 79275
Conc: 24.33 ng/ml



#30 AR-1254-5

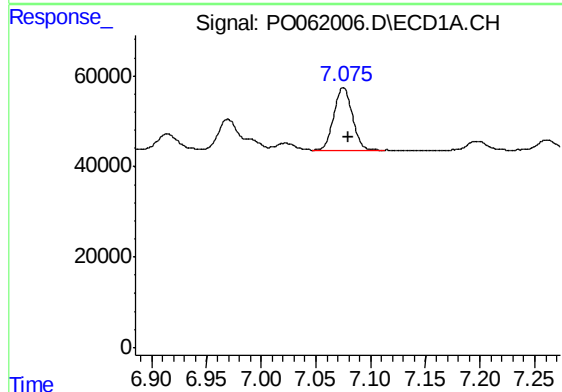
R.T.: 7.614 min
Delta R.T.: -0.006 min
Response: 171648
Conc: 54.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



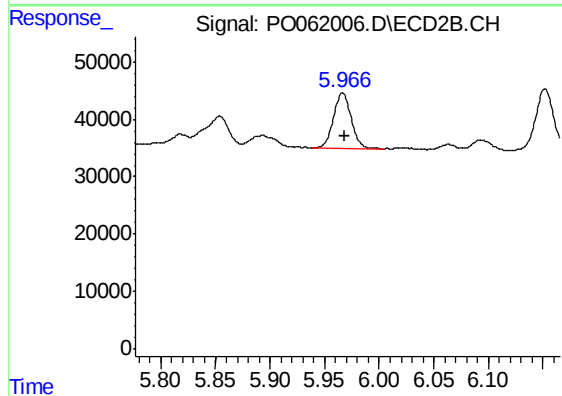
#30 AR-1254-5

R.T.: 6.472 min
Delta R.T.: -0.004 min
Response: 124195
Conc: 47.02 ng/ml



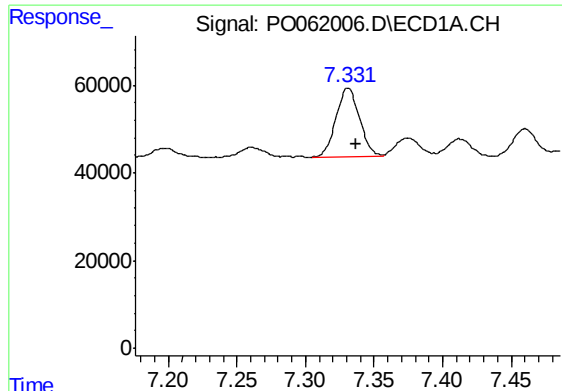
#31 AR-1260-1

R.T.: 7.075 min
Delta R.T.: -0.005 min
Response: 165370
Conc: 58.08 ng/ml



#31 AR-1260-1

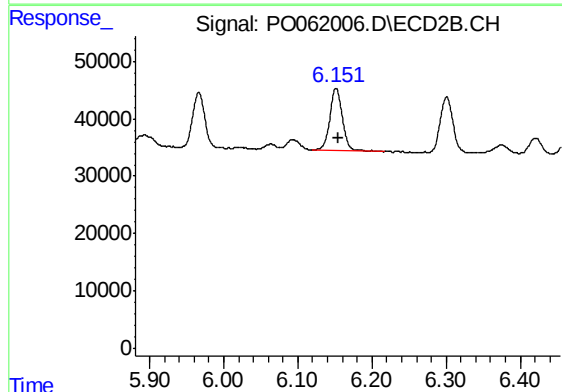
R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 108889
Conc: 51.25 ng/ml



#32 AR-1260-2

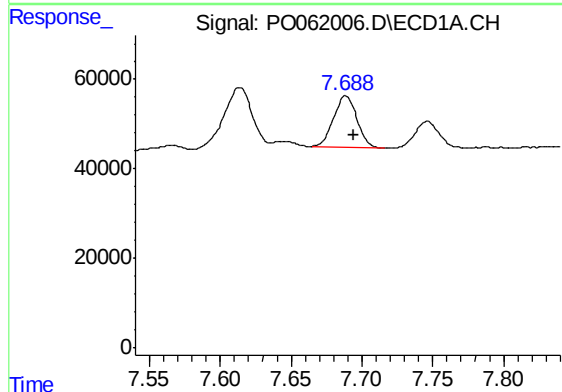
R.T.: 7.331 min
Delta R.T.: -0.006 min
Response: 188101
Conc: 54.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



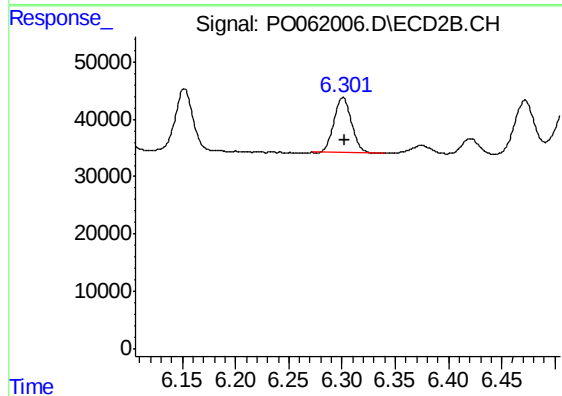
#32 AR-1260-2

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 129749
Conc: 51.13 ng/ml



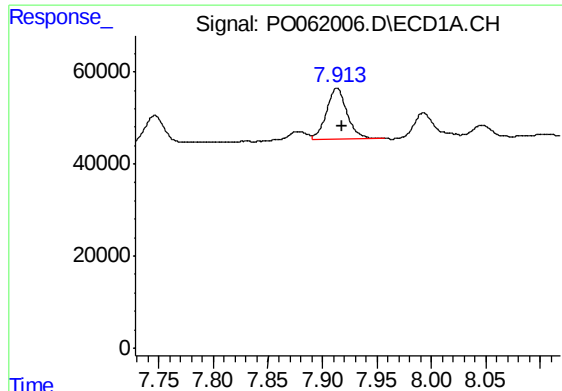
#33 AR-1260-3

R.T.: 7.689 min
Delta R.T.: -0.005 min
Response: 133160
Conc: 50.32 ng/ml



#33 AR-1260-3

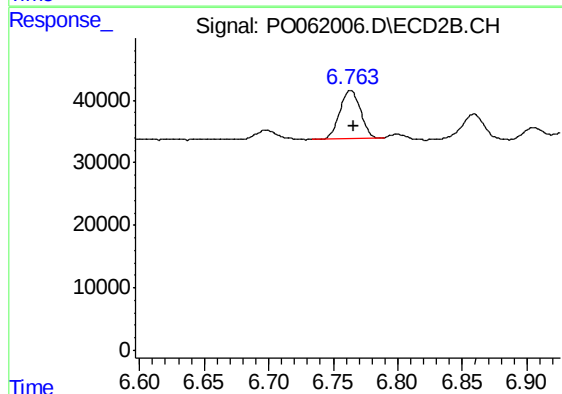
R.T.: 6.301 min
Delta R.T.: -0.002 min
Response: 111391
Conc: 49.33 ng/ml



#34 AR-1260-4

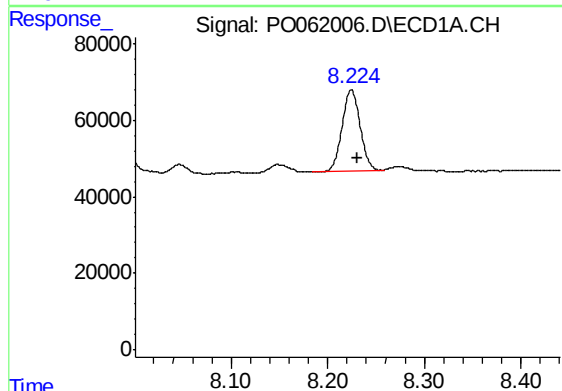
R.T.: 7.913 min
Delta R.T.: -0.005 min
Response: 145511
Conc: 52.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



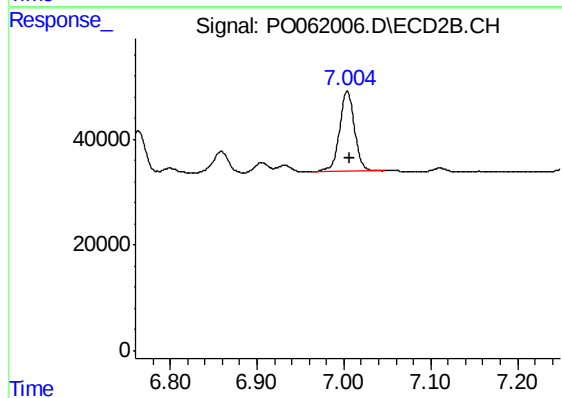
#34 AR-1260-4

R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 86044
Conc: 49.00 ng/ml



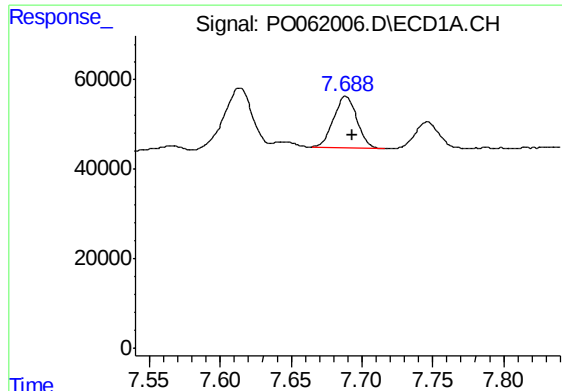
#35 AR-1260-5

R.T.: 8.225 min
Delta R.T.: -0.006 min
Response: 274949
Conc: 52.52 ng/ml



#35 AR-1260-5

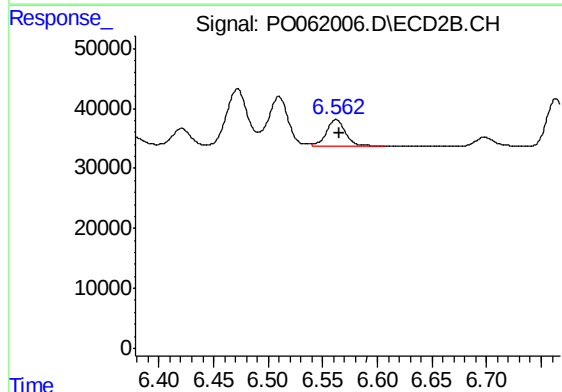
R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 183940
Conc: 51.06 ng/ml



#36 AR-1262-1

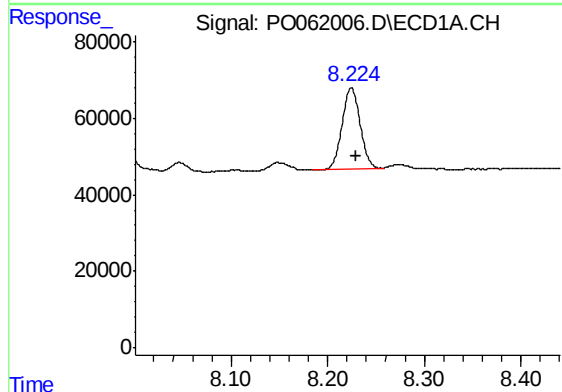
R.T.: 7.689 min
Delta R.T.: -0.004 min
Response: 133160
Conc: 32.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



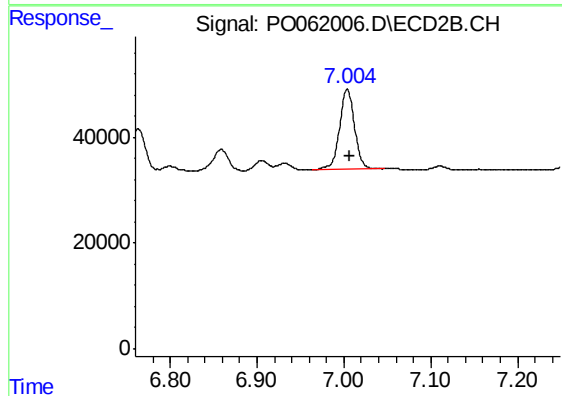
#36 AR-1262-1

R.T.: 6.562 min
Delta R.T.: -0.003 min
Response: 52166
Conc: 43.77 ng/ml



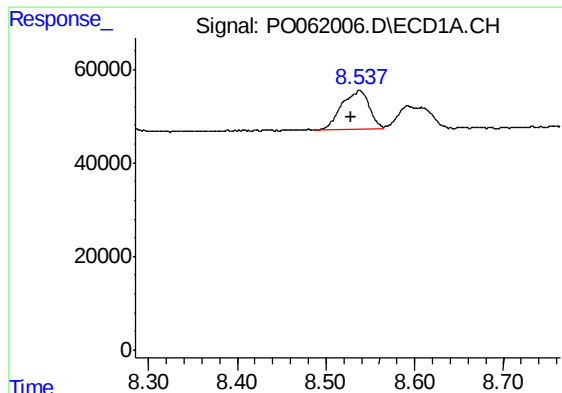
#37 AR-1262-2

R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 274949
Conc: 42.64 ng/ml



#37 AR-1262-2

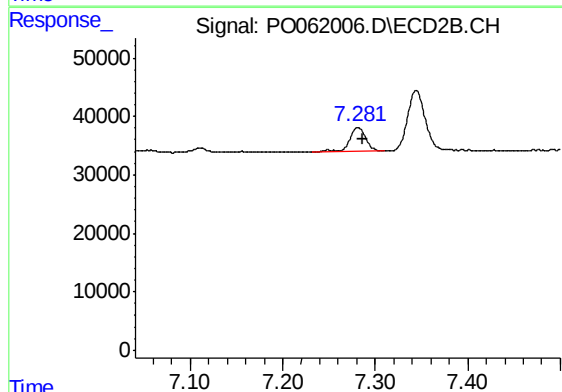
R.T.: 7.004 min
Delta R.T.: -0.003 min
Response: 183940
Conc: 43.78 ng/ml



#38 AR-1262-3

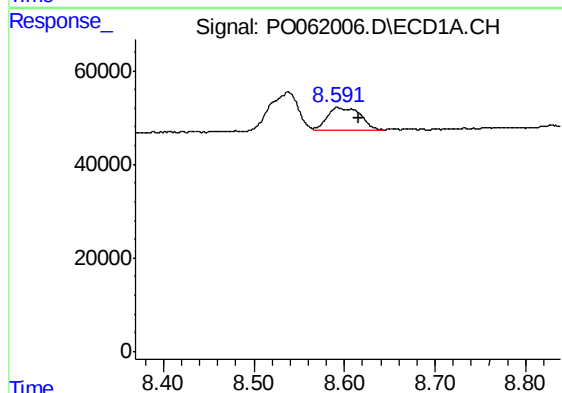
R.T.: 8.538 min
Delta R.T.: 0.010 min
Response: 180072
Conc: 40.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



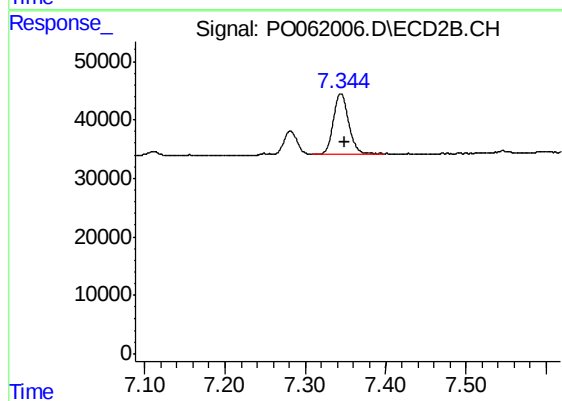
#38 AR-1262-3

R.T.: 7.281 min
Delta R.T.: -0.004 min
Response: 51785
Conc: 29.44 ng/ml



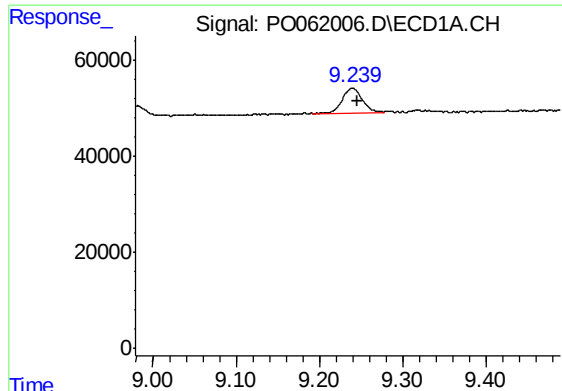
#39 AR-1262-4

R.T.: 8.592 min
Delta R.T.: -0.024 min
Response: 125525
Conc: 36.33 ng/ml



#39 AR-1262-4

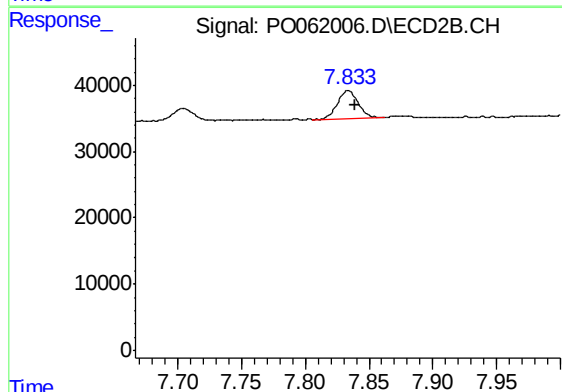
R.T.: 7.344 min
Delta R.T.: -0.005 min
Response: 137826
Conc: 45.08 ng/ml



#40 AR-1262-5

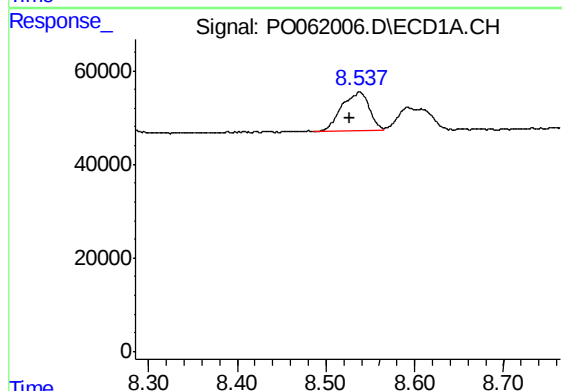
R.T.: 9.240 min
Delta R.T.: -0.006 min
Response: 83624
Conc: 37.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



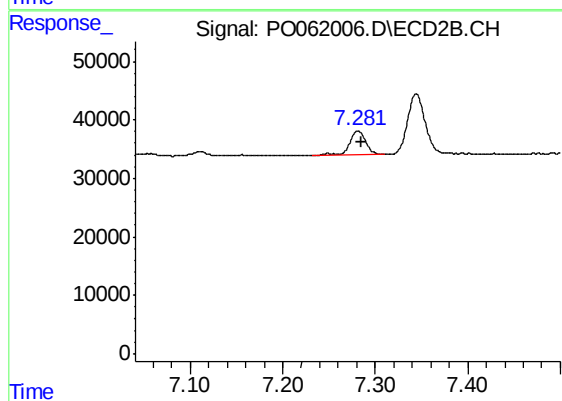
#40 AR-1262-5

R.T.: 7.834 min
Delta R.T.: -0.005 min
Response: 47732
Conc: 36.55 ng/ml



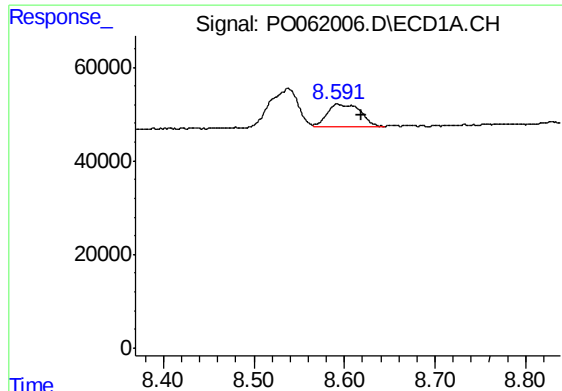
#41 AR-1268-1

R.T.: 8.538 min
Delta R.T.: 0.011 min
Response: 180072
Conc: 23.79 ng/ml



#41 AR-1268-1

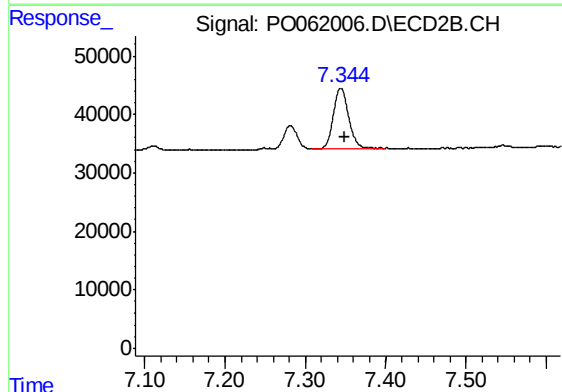
R.T.: 7.281 min
Delta R.T.: -0.004 min
Response: 51785
Conc: 11.06 ng/ml



#42 AR-1268-2

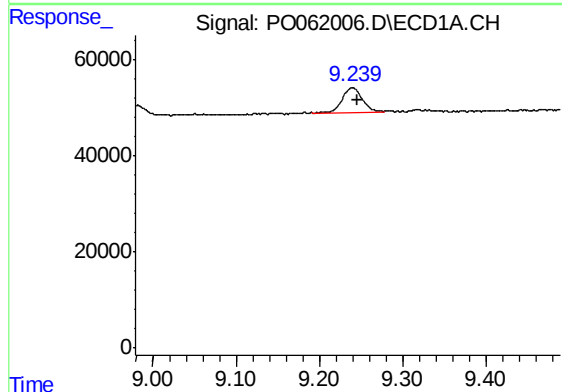
R.T.: 8.592 min
Delta R.T.: -0.026 min
Response: 125525
Conc: 17.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT4-2019



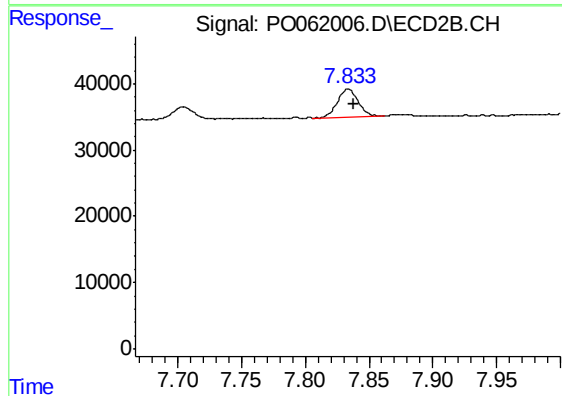
#42 AR-1268-2

R.T.: 7.344 min
Delta R.T.: -0.005 min
Response: 137826
Conc: 32.99 ng/ml



#44 AR-1268-4

R.T.: 9.240 min
Delta R.T.: -0.006 min
Response: 83624
Conc: 35.20 ng/ml



#44 AR-1268-4

R.T.: 7.834 min
Delta R.T.: -0.005 min
Response: 47732
Conc: 33.50 ng/ml