

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042419\
 Data File : P0055624.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Apr 2019 20:19
 Operator : SM/SJ
 Sample : K2241-02
 Misc : AR1248 LOQ 100PPB
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOQ-SOIL-02-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 02:06:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 25 01:58:33 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

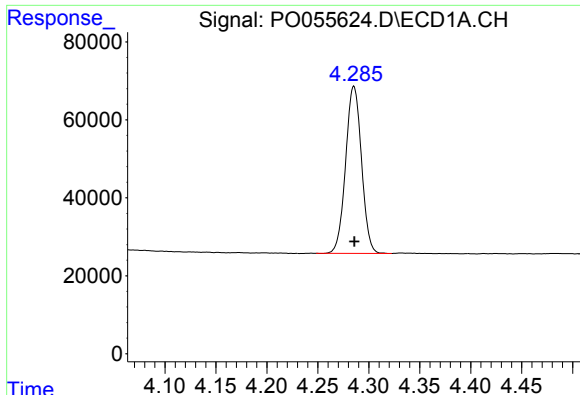
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.285	3.598	464875	462793	18.347	19.004
2)	SA Decachlor...	9.897	8.558	816799	579809	19.034	18.862
Target Compounds							
3)	L1 AR-1016-1	5.448	4.672	76085	69075	61.258	59.871
4)	L1 AR-1016-2	5.470	4.691	90445	72678	52.775	46.653
5)	L1 AR-1016-3	5.531	4.867	51759	46182	46.393	53.118
6)	L1 AR-1016-4	5.629	4.907	53363	95890	57.870	136.370 #
7)	L1 AR-1016-5	5.922	5.118	128993	120386	130.698	127.197
10)	L2 AR-1221-3	4.657	0.000	10192	0	12.574	N.D. #
11)	L3 AR-1232-1	4.657	0.000	10192	0	15.320	N.D. #
12)	L3 AR-1232-2	5.182	4.691	34637	72678	89.354	100.045
13)	L3 AR-1232-3	5.470	4.867	90445	46182	117.342	114.555
14)	L3 AR-1232-4	5.629	4.948	53363	95290	129.203	277.254 #
15)	L3 AR-1232-5	5.719	5.118	117700	120386	346.777	299.056
16)	L4 AR-1242-1	5.448	4.672	76085	69075	77.238	74.896
17)	L4 AR-1242-2	5.470	4.691	90445	72678	65.968	58.686
18)	L4 AR-1242-3	5.531	4.867	51759	46182	57.618	64.710
19)	L4 AR-1242-4	5.629	4.948	53363	95290	72.477	139.126 #
20)	L4 AR-1242-5	6.362	5.467	148869	189604	161.220	189.517
21)	L5 AR-1248-1	5.448	4.672	76085	69075	105.402	99.963
22)	L5 AR-1248-2	5.719	4.907	117700	95890	111.883	107.568
23)	L5 AR-1248-3	5.922	4.948	128993	95290	108.775	103.892
24)	L5 AR-1248-4	6.325	5.118	154910	120386	109.093	104.269
25)	L5 AR-1248-5	6.362	5.509	148869	130544	108.481	105.556
26)	L6 AR-1254-1	6.296	5.467	120755	189604	78.226	93.672
27)	L6 AR-1254-2	6.519	5.613	159947	52281	64.817	28.775 #
28)	L6 AR-1254-3	6.880	6.015	97580	87603	34.914	28.484
29)	L6 AR-1254-4	7.166	6.242	65803	58743	29.550	27.483
30)	L6 AR-1254-5	7.582	6.656	15465	12629	6.169	4.310 #
31)	L7 AR-1260-1	7.042	6.160	12130	42914	5.904	22.137 #
32)	L7 AR-1260-2	7.298	6.327	16632	12132	6.560	4.662 #
33)	L7 AR-1260-3	0.000	6.483	0	11822	N.D.	5.198 #
35)	L7 AR-1260-5	8.190	7.193	14802	14411	3.209	2.899
36)	L8 AR-1262-1	0.000	6.656	0	12629	N.D.	3.694 #
37)	L8 AR-1262-2	8.190	7.193	14802	14411	2.695	2.544
40)	L8 AR-1262-5	0.000	8.030	0	9806	N.D.	5.536 #
43)	L9 AR-1268-3	0.000	7.745	0	7751	N.D.	1.667 #
44)	L9 AR-1268-4	0.000	8.030	0	9806	N.D.	5.079 #
45)	L9 AR-1268-5	0.000	8.308	0	8254	N.D.	0.688 #

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

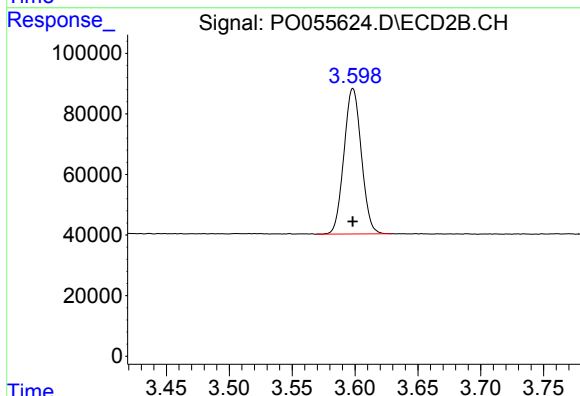
Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



#1 Tetrachloro-m-xylene

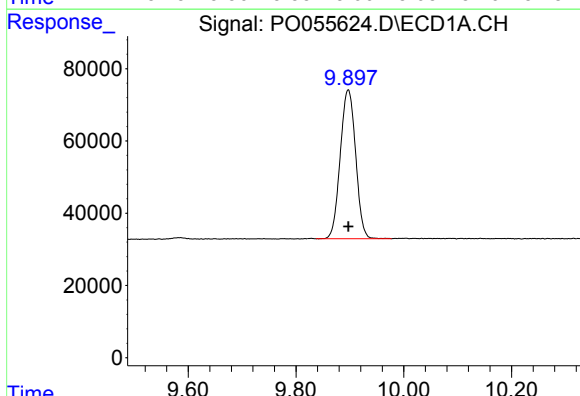
R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 464875
Conc: 18.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



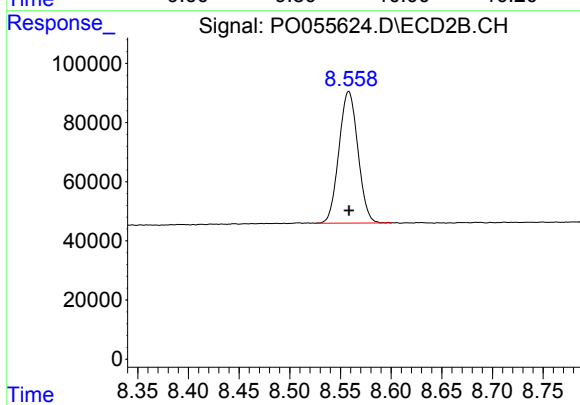
#1 Tetrachloro-m-xylene

R.T.: 3.598 min
Delta R.T.: 0.000 min
Response: 462793
Conc: 19.00 ng/ml



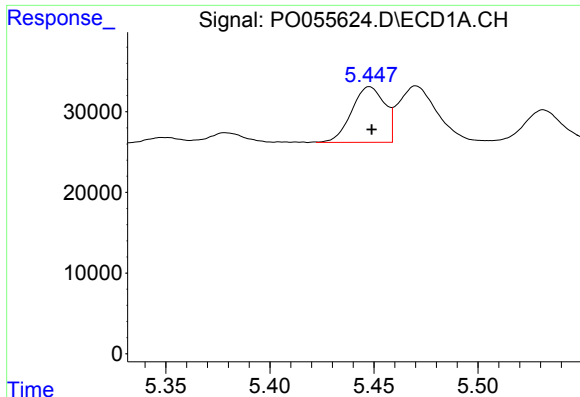
#2 Decachlorobiphenyl

R.T.: 9.897 min
Delta R.T.: 0.000 min
Response: 816799
Conc: 19.03 ng/ml



#2 Decachlorobiphenyl

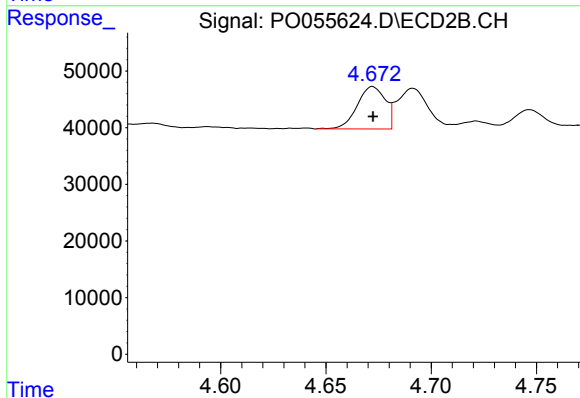
R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 579809
Conc: 18.86 ng/ml



#3 AR-1016-1

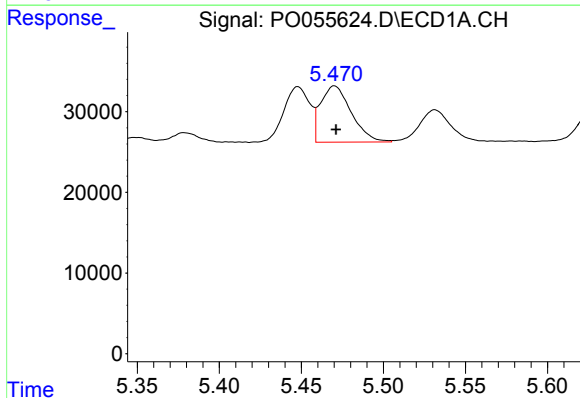
R.T.: 5.448 min
Delta R.T.: -0.001 min
Response: 76085
Conc: 61.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



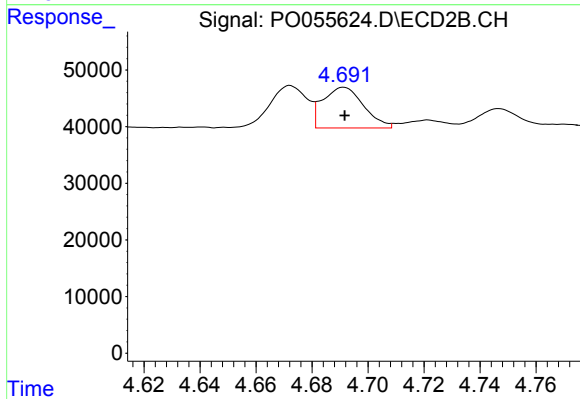
#3 AR-1016-1

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 69075
Conc: 59.87 ng/ml



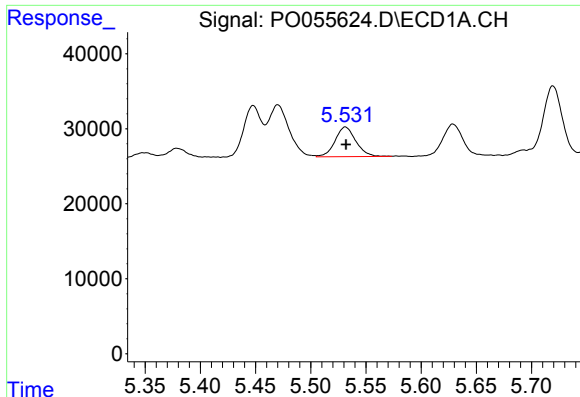
#4 AR-1016-2

R.T.: 5.470 min
Delta R.T.: -0.001 min
Response: 90445
Conc: 52.77 ng/ml



#4 AR-1016-2

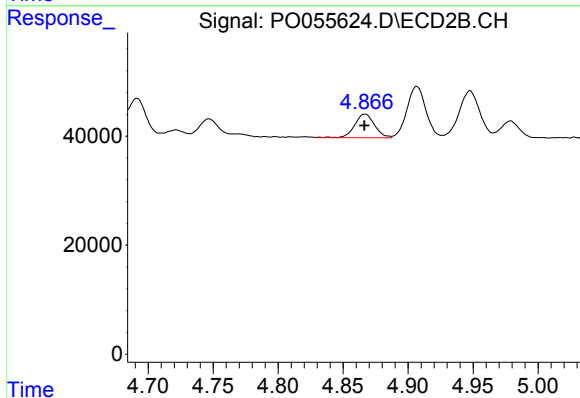
R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 72678
Conc: 46.65 ng/ml



#5 AR-1016-3

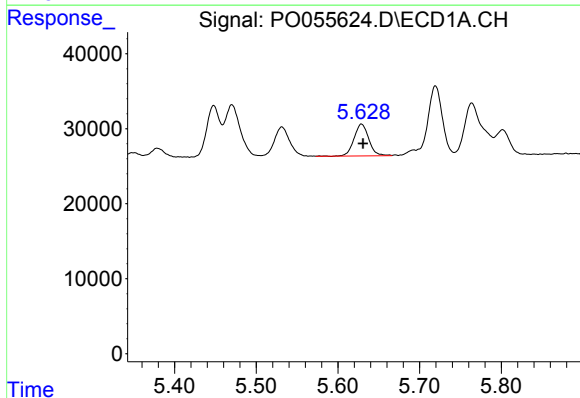
R.T.: 5.531 min
Delta R.T.: 0.000 min
Response: 51759
Conc: 46.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



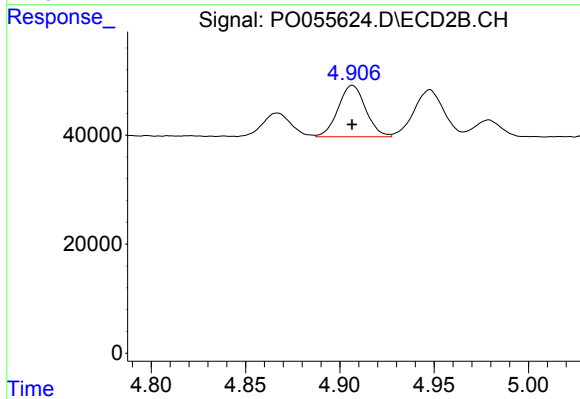
#5 AR-1016-3

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 46182
Conc: 53.12 ng/ml



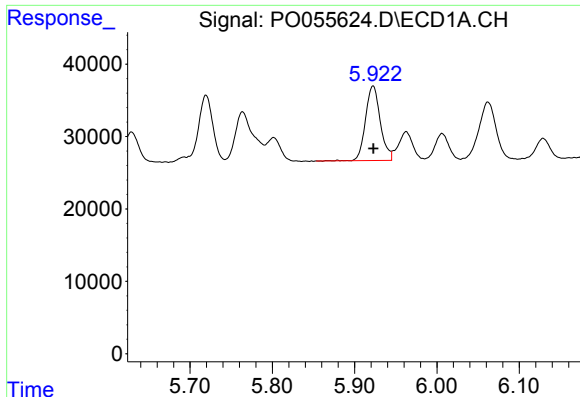
#6 AR-1016-4

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 53363
Conc: 57.87 ng/ml



#6 AR-1016-4

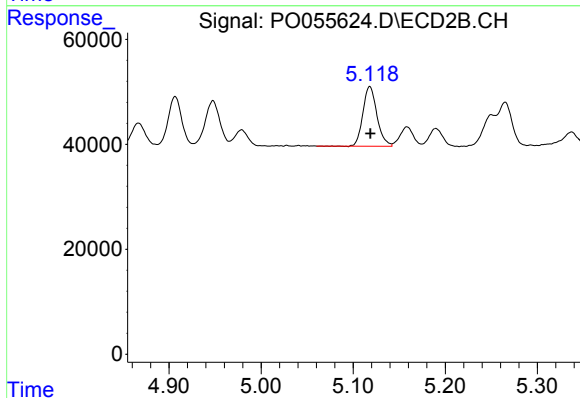
R.T.: 4.907 min
Delta R.T.: 0.000 min
Response: 95890
Conc: 136.37 ng/ml



#7 AR-1016-5

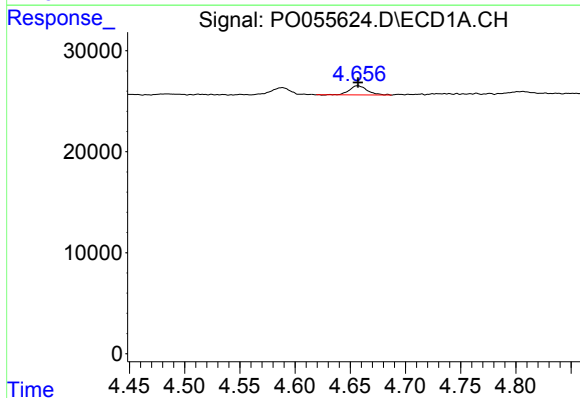
R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 128993
Conc: 130.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



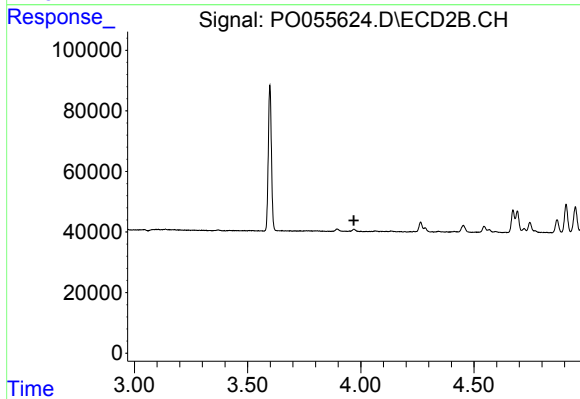
#7 AR-1016-5

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 120386
Conc: 127.20 ng/ml



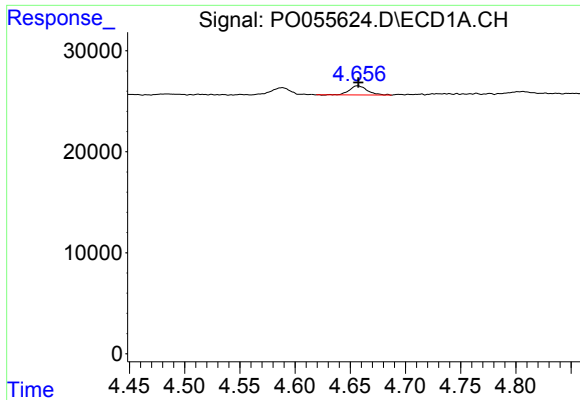
#10 AR-1221-3

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 10192
Conc: 12.57 ng/ml



#10 AR-1221-3

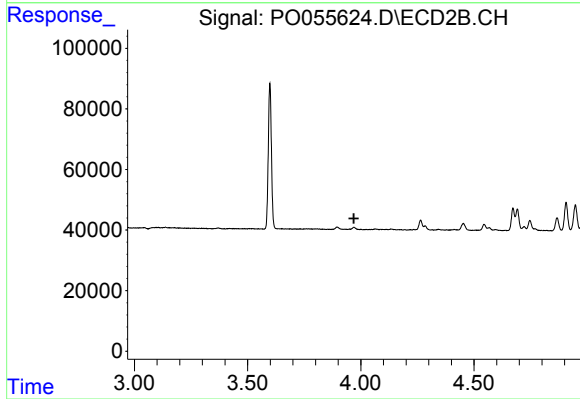
R.T.: 0.000 min
Exp R.T.: 3.970 min
Response: 0
Conc: N.D.



#11 AR-1232-1

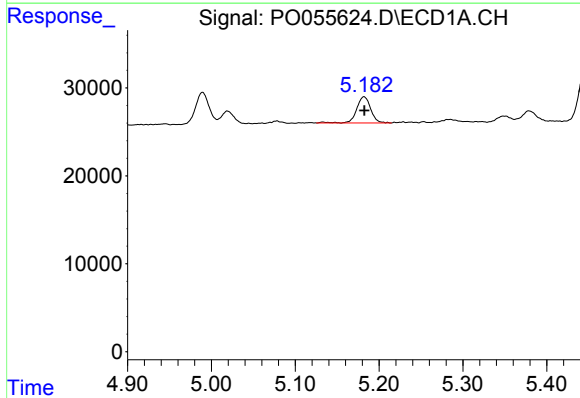
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 10192
Conc: 15.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



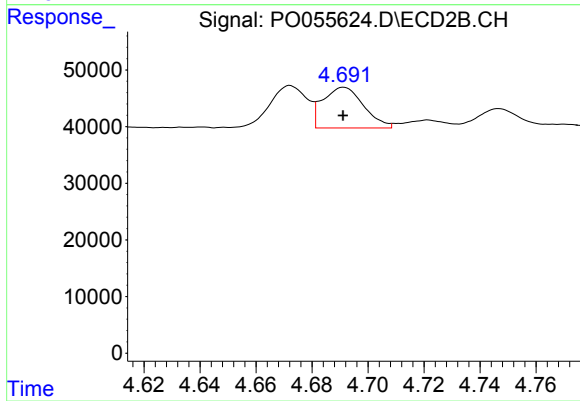
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.970 min
Response: 0
Conc: N.D.



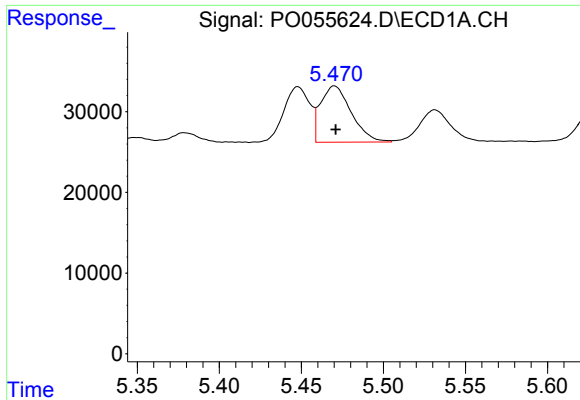
#12 AR-1232-2

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 34637
Conc: 89.35 ng/ml



#12 AR-1232-2

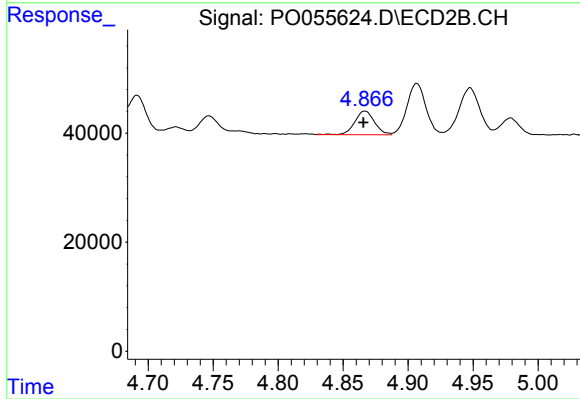
R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 72678
Conc: 100.04 ng/ml



#13 AR-1232-3

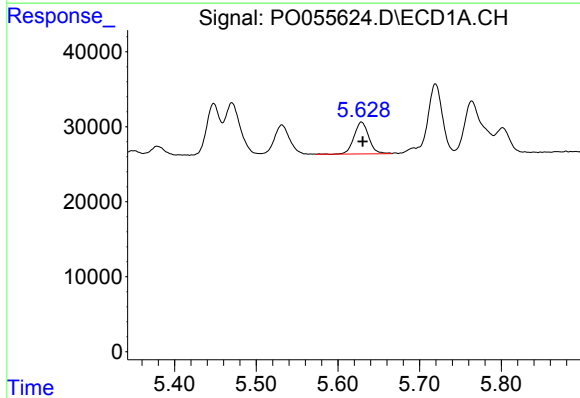
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 90445
Conc: 117.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



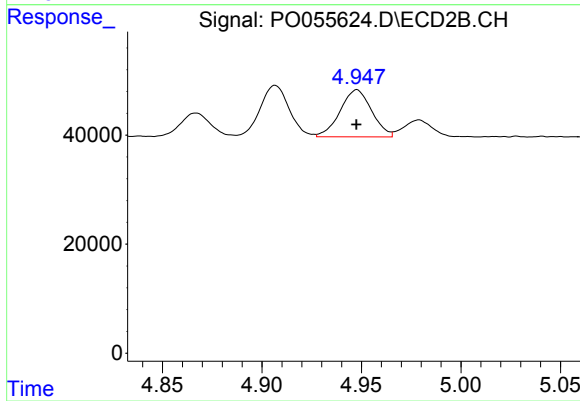
#13 AR-1232-3

R.T.: 4.867 min
Delta R.T.: 0.001 min
Response: 46182
Conc: 114.56 ng/ml



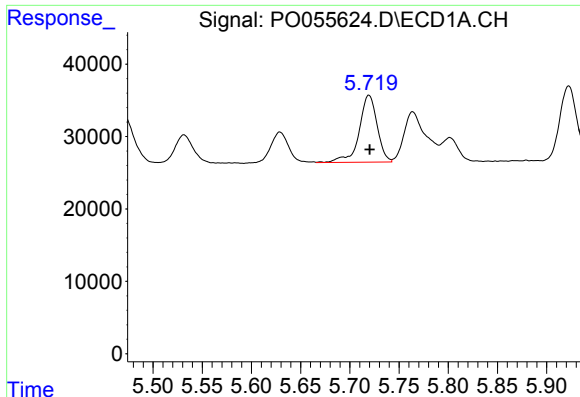
#14 AR-1232-4

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 53363
Conc: 129.20 ng/ml



#14 AR-1232-4

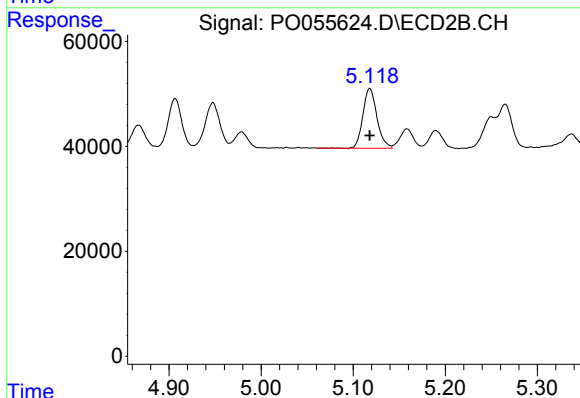
R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 95290
Conc: 277.25 ng/ml



#15 AR-1232-5

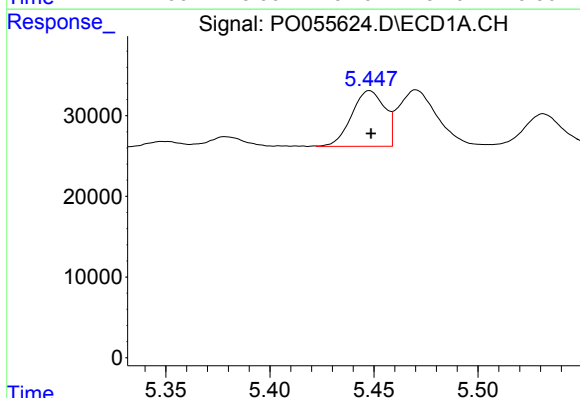
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 117700
Conc: 346.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



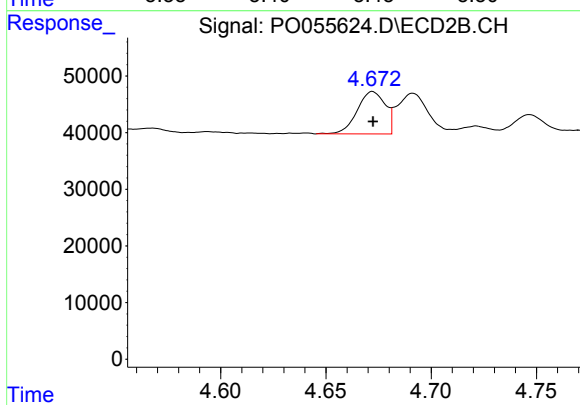
#15 AR-1232-5

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 120386
Conc: 299.06 ng/ml



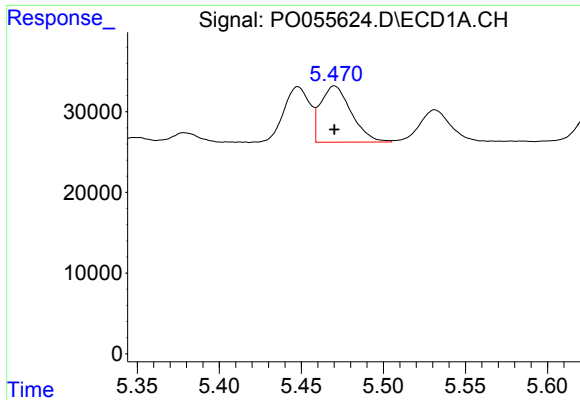
#16 AR-1242-1

R.T.: 5.448 min
Delta R.T.: 0.000 min
Response: 76085
Conc: 77.24 ng/ml



#16 AR-1242-1

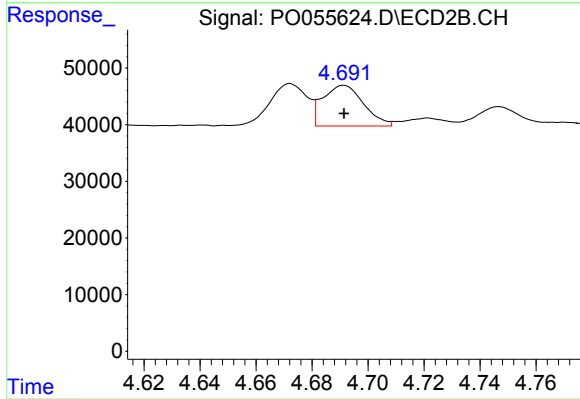
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 69075
Conc: 74.90 ng/ml



#17 AR-1242-2

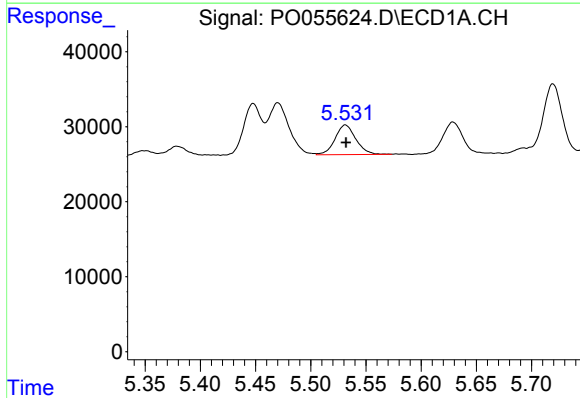
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 90445
Conc: 65.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



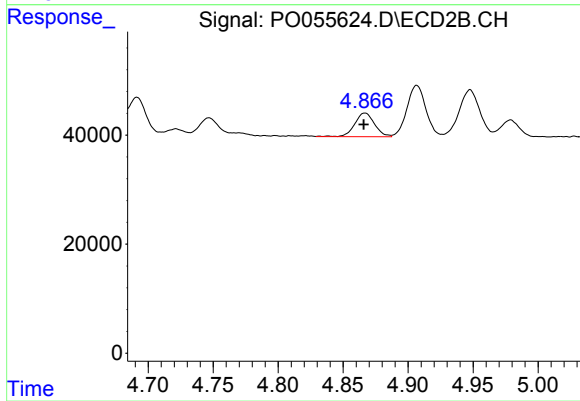
#17 AR-1242-2

R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 72678
Conc: 58.69 ng/ml



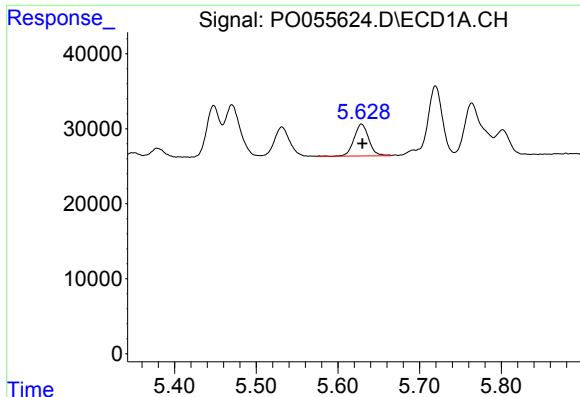
#18 AR-1242-3

R.T.: 5.531 min
Delta R.T.: 0.000 min
Response: 51759
Conc: 57.62 ng/ml



#18 AR-1242-3

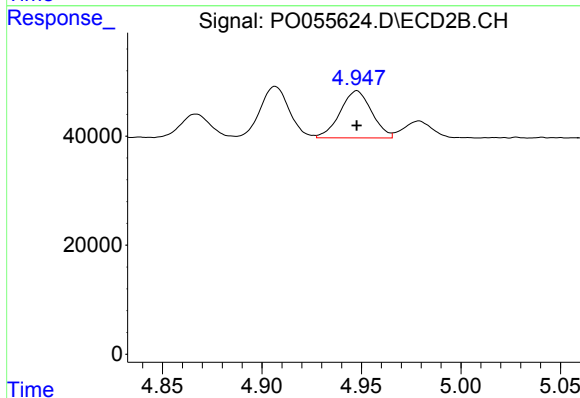
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 46182
Conc: 64.71 ng/ml



#19 AR-1242-4

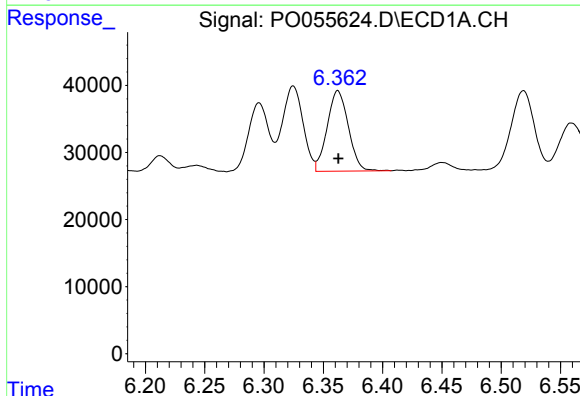
R.T.: 5.629 min
Delta R.T.: -0.001 min
Response: 53363
Conc: 72.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



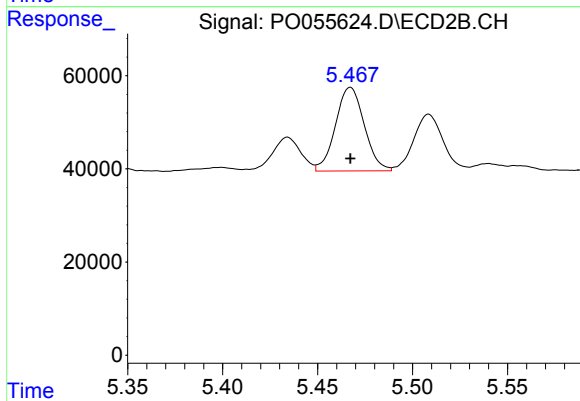
#19 AR-1242-4

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 95290
Conc: 139.13 ng/ml



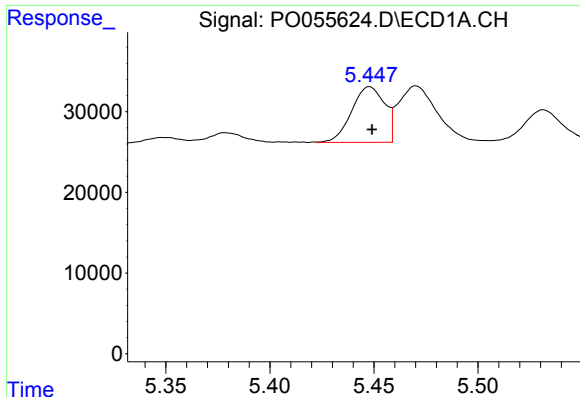
#20 AR-1242-5

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 148869
Conc: 161.22 ng/ml



#20 AR-1242-5

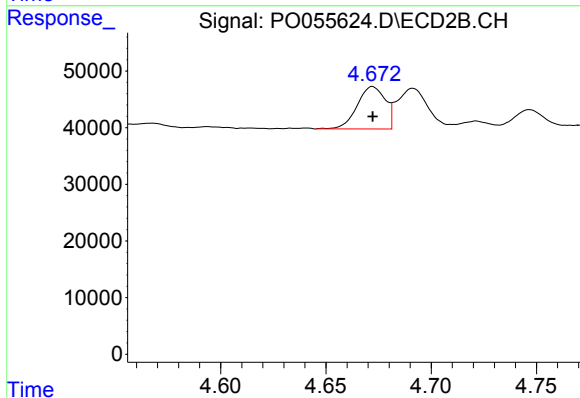
R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 189604
Conc: 189.52 ng/ml



#21 AR-1248-1

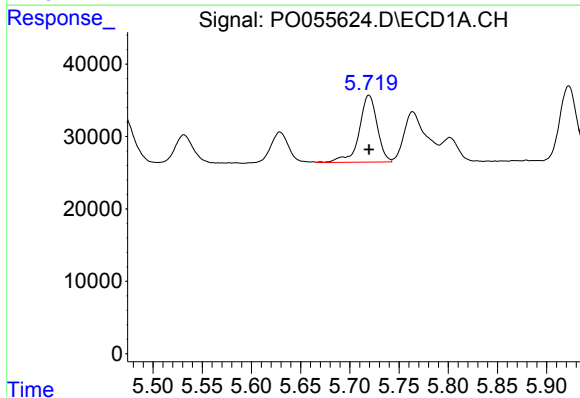
R.T.: 5.448 min
Delta R.T.: -0.001 min
Response: 76085
Conc: 105.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



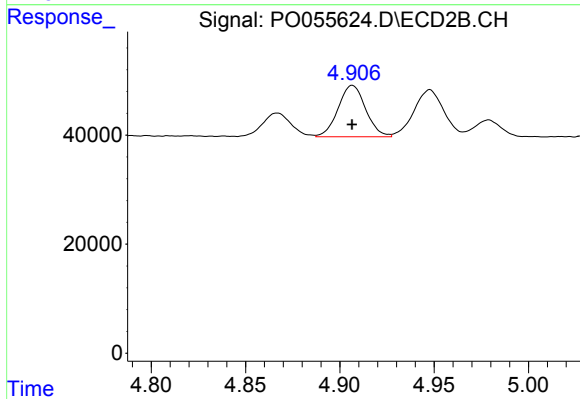
#21 AR-1248-1

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 69075
Conc: 99.96 ng/ml



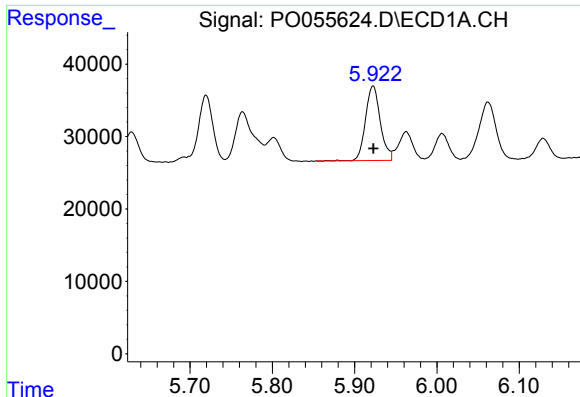
#22 AR-1248-2

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 117700
Conc: 111.88 ng/ml



#22 AR-1248-2

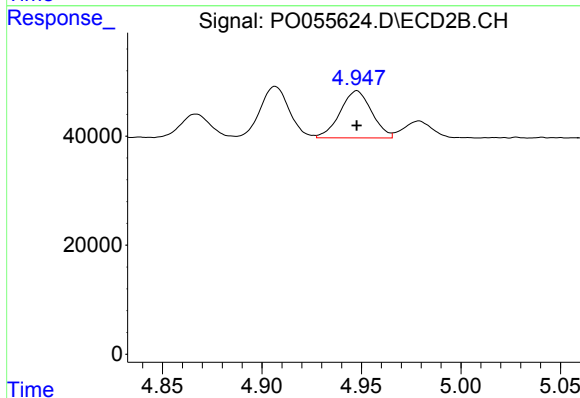
R.T.: 4.907 min
Delta R.T.: 0.000 min
Response: 95890
Conc: 107.57 ng/ml



#23 AR-1248-3

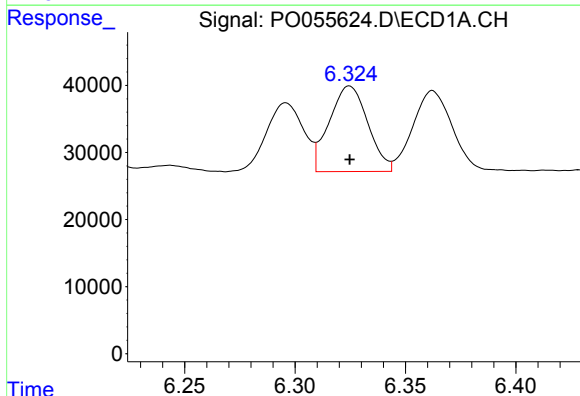
R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 128993
Conc: 108.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



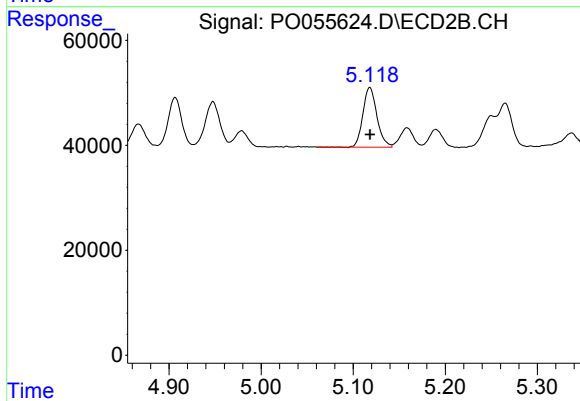
#23 AR-1248-3

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 95290
Conc: 103.89 ng/ml



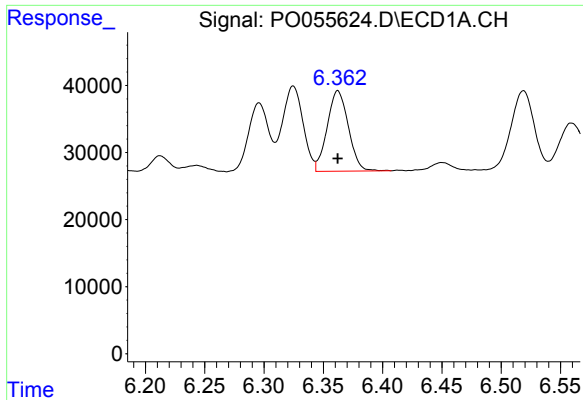
#24 AR-1248-4

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 154910
Conc: 109.09 ng/ml



#24 AR-1248-4

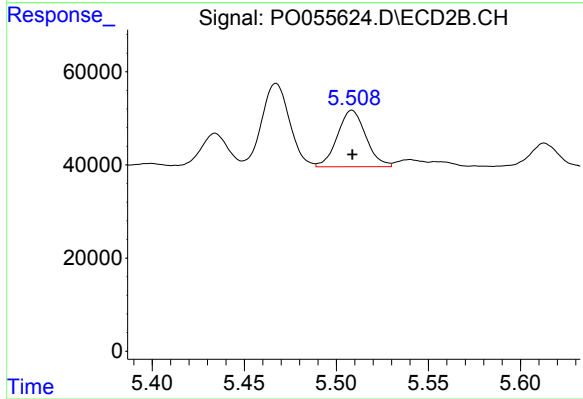
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 120386
Conc: 104.27 ng/ml



#25 AR-1248-5

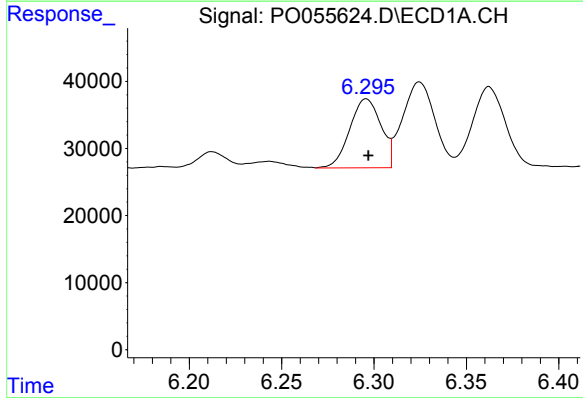
R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 148869
Conc: 108.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



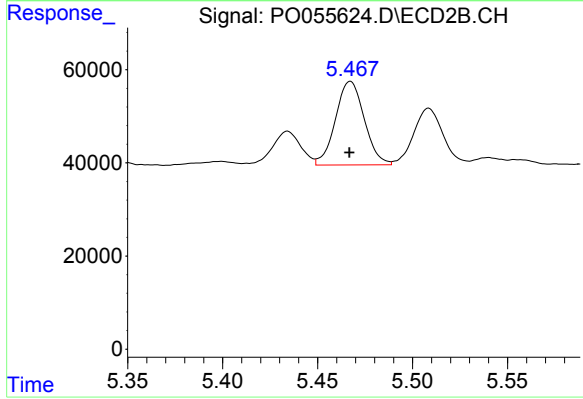
#25 AR-1248-5

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 130544
Conc: 105.56 ng/ml



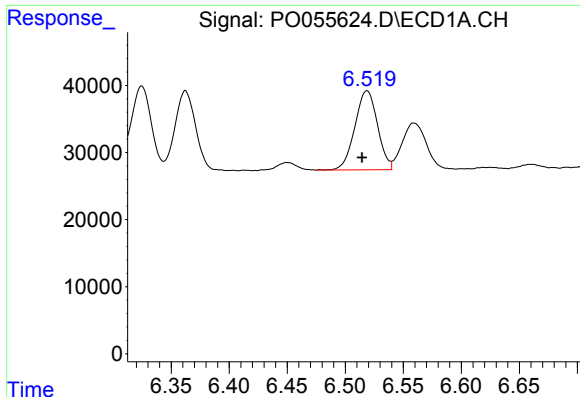
#26 AR-1254-1

R.T.: 6.296 min
Delta R.T.: -0.001 min
Response: 120755
Conc: 78.23 ng/ml



#26 AR-1254-1

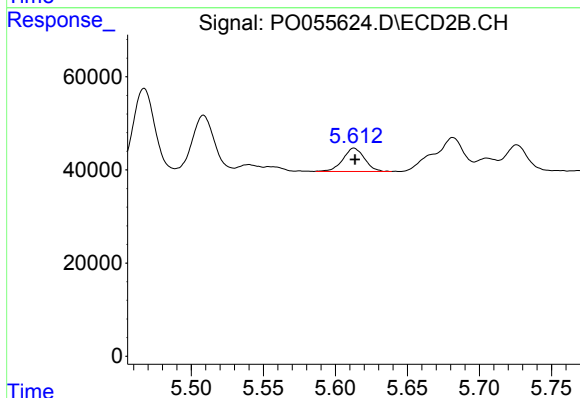
R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 189604
Conc: 93.67 ng/ml



#27 AR-1254-2

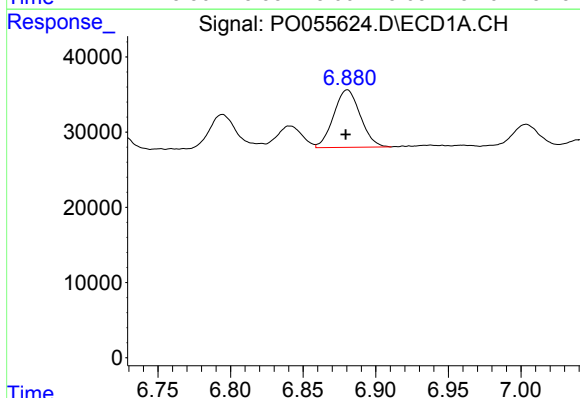
R.T.: 6.519 min
Delta R.T.: 0.004 min
Response: 159947
Conc: 64.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



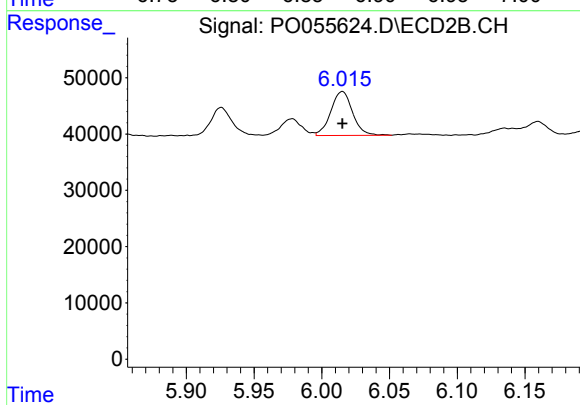
#27 AR-1254-2

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 52281
Conc: 28.77 ng/ml



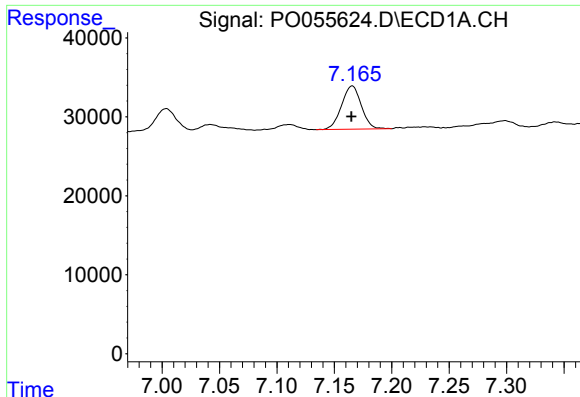
#28 AR-1254-3

R.T.: 6.880 min
Delta R.T.: 0.001 min
Response: 97580
Conc: 34.91 ng/ml



#28 AR-1254-3

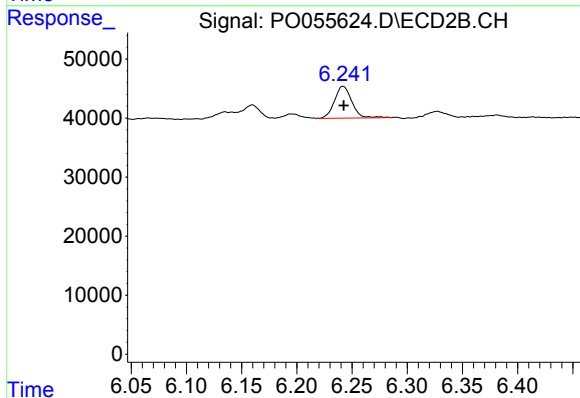
R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 87603
Conc: 28.48 ng/ml



#29 AR-1254-4

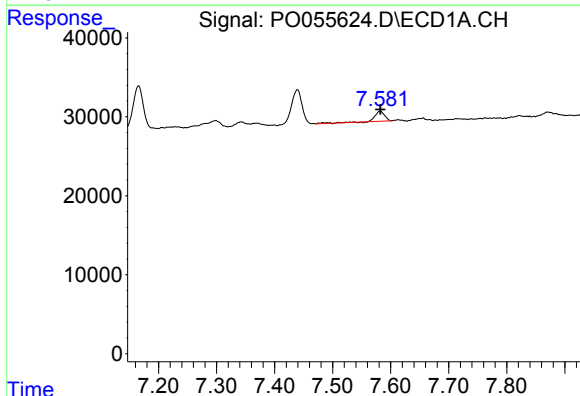
R.T.: 7.166 min
Delta R.T.: 0.000 min
Response: 65803
Conc: 29.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



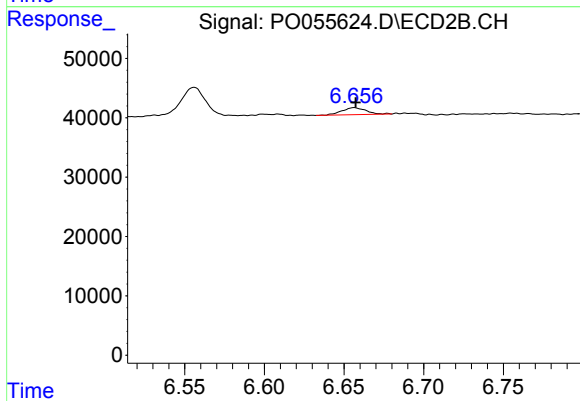
#29 AR-1254-4

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 58743
Conc: 27.48 ng/ml



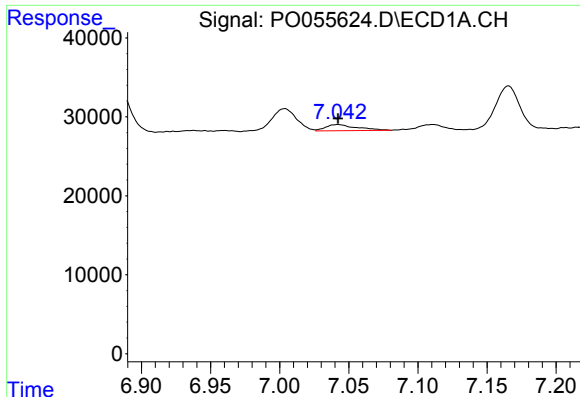
#30 AR-1254-5

R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 15465
Conc: 6.17 ng/ml



#30 AR-1254-5

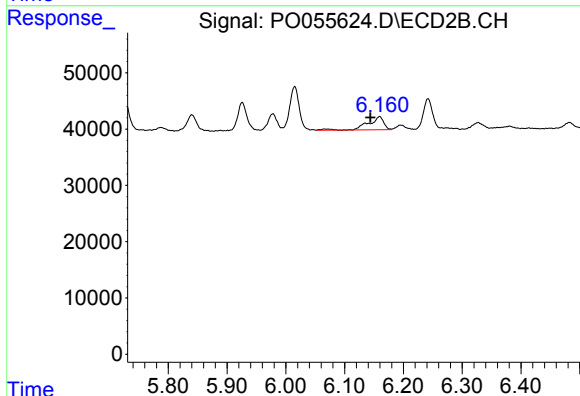
R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 12629
Conc: 4.31 ng/ml



#31 AR-1260-1

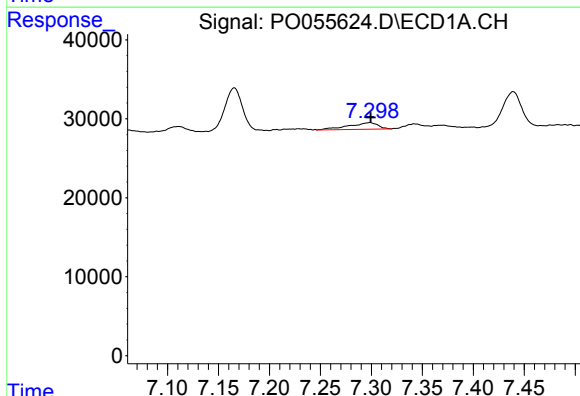
R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 12130
Conc: 5.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



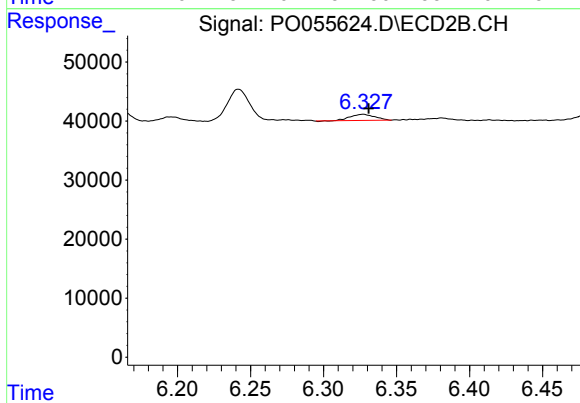
#31 AR-1260-1

R.T.: 6.160 min
Delta R.T.: 0.015 min
Response: 42914
Conc: 22.14 ng/ml



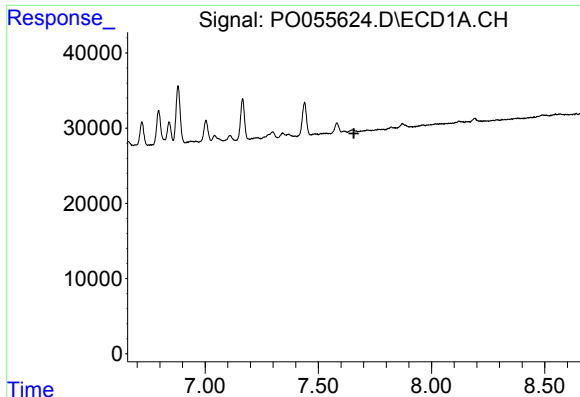
#32 AR-1260-2

R.T.: 7.298 min
Delta R.T.: -0.001 min
Response: 16632
Conc: 6.56 ng/ml



#32 AR-1260-2

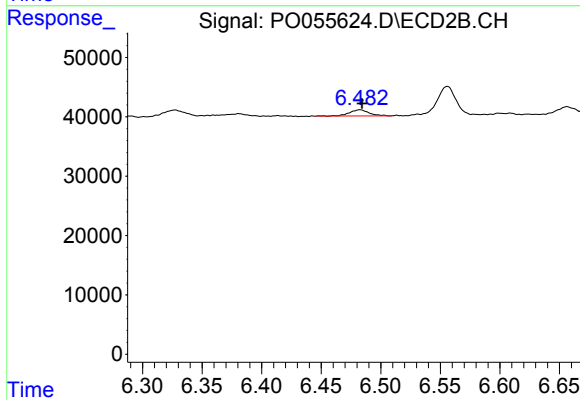
R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 12132
Conc: 4.66 ng/ml



#33 AR-1260-3

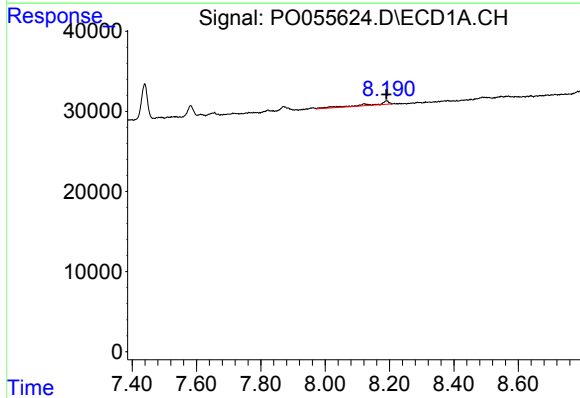
R.T.: 0.000 min
Exp R.T.: 7.657 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



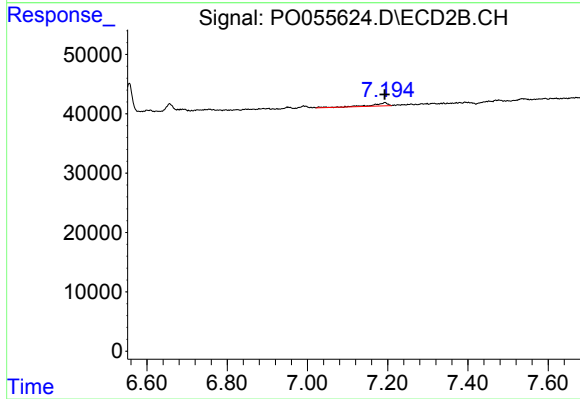
#33 AR-1260-3

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 11822
Conc: 5.20 ng/ml



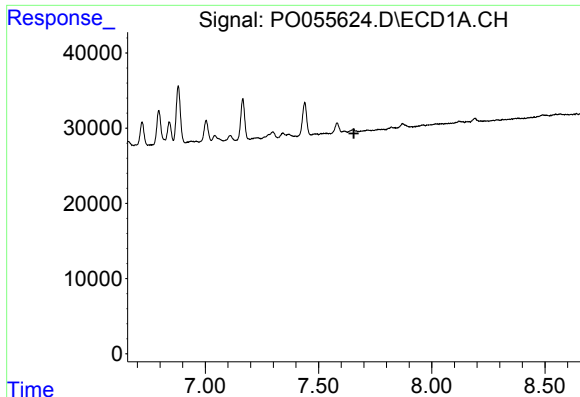
#35 AR-1260-5

R.T.: 8.190 min
Delta R.T.: 0.000 min
Response: 14802
Conc: 3.21 ng/ml



#35 AR-1260-5

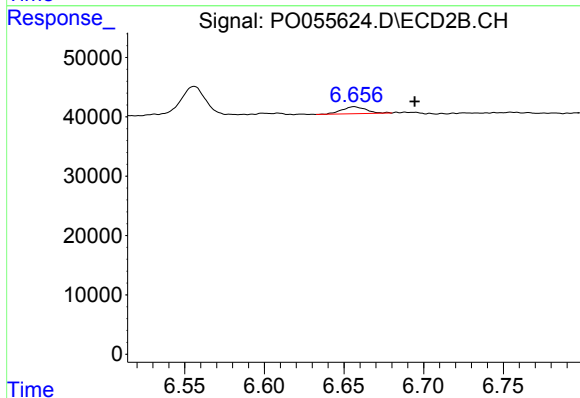
R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 14411
Conc: 2.90 ng/ml



#36 AR-1262-1

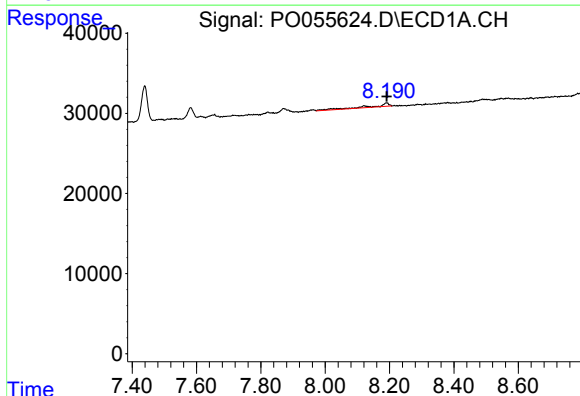
R.T.: 0.000 min
Exp R.T.: 7.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



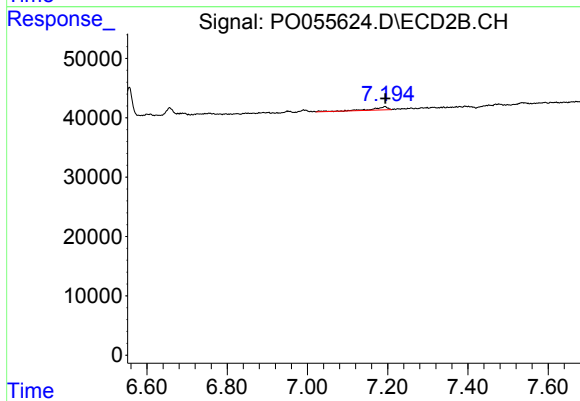
#36 AR-1262-1

R.T.: 6.656 min
Delta R.T.: -0.038 min
Response: 12629
Conc: 3.69 ng/ml



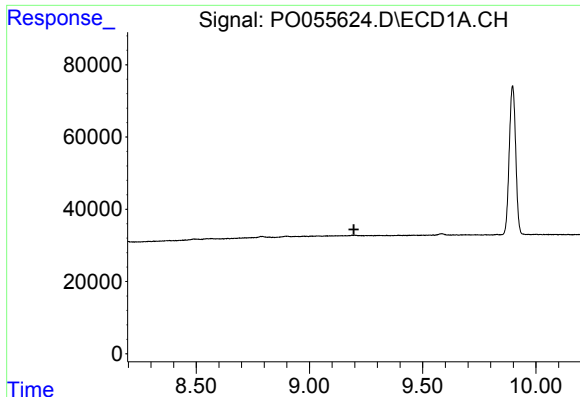
#37 AR-1262-2

R.T.: 8.190 min
Delta R.T.: -0.001 min
Response: 14802
Conc: 2.69 ng/ml



#37 AR-1262-2

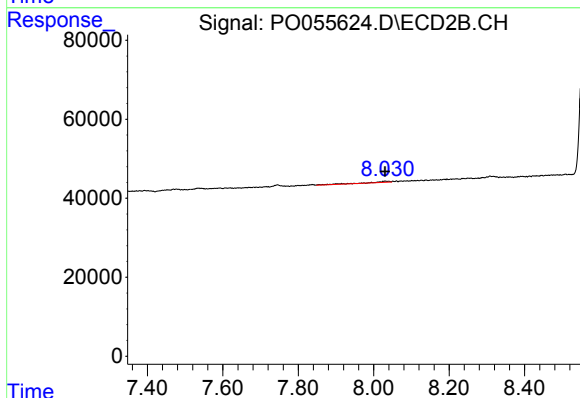
R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 14411
Conc: 2.54 ng/ml



#40 AR-1262-5

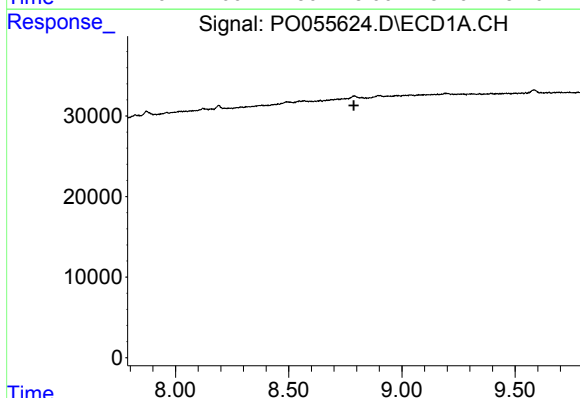
R.T.: 0.000 min
Exp R.T.: 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



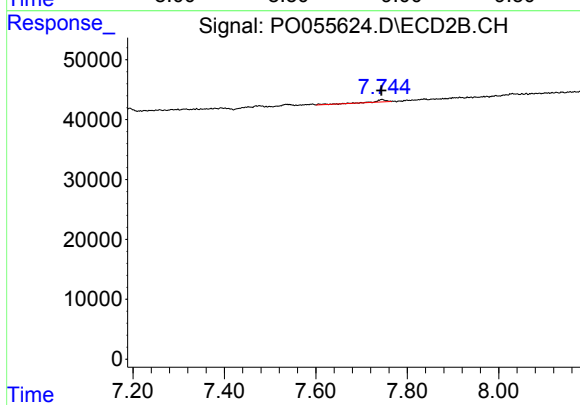
#40 AR-1262-5

R.T.: 8.030 min
Delta R.T.: 0.000 min
Response: 9806
Conc: 5.54 ng/ml



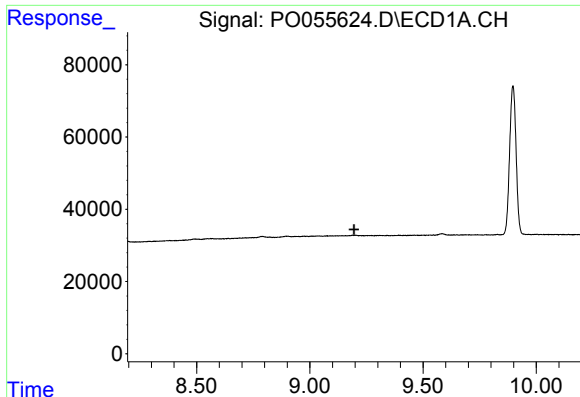
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.788 min
Response: 0
Conc: N.D.



#43 AR-1268-3

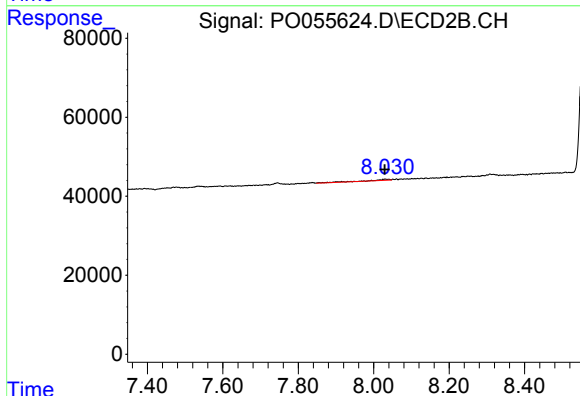
R.T.: 7.745 min
Delta R.T.: 0.001 min
Response: 7751
Conc: 1.67 ng/ml



#44 AR-1268-4

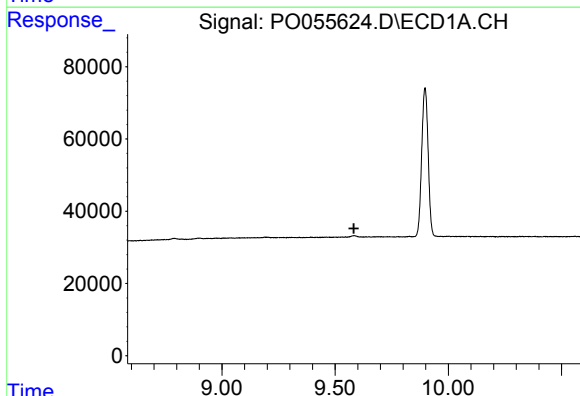
R.T.: 0.000 min
Exp R.T.: 9.195 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT2-2019



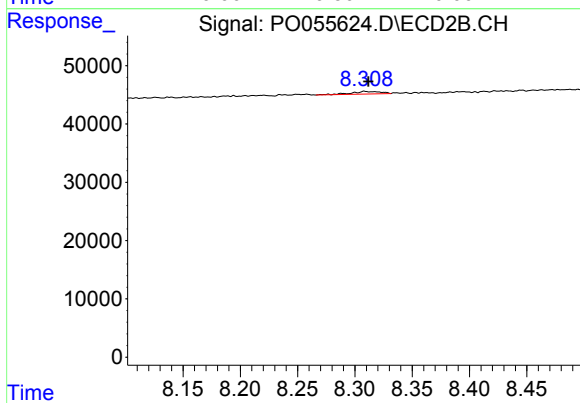
#44 AR-1268-4

R.T.: 8.030 min
Delta R.T.: 0.000 min
Response: 9806
Conc: 5.08 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.583 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.308 min
Delta R.T.: -0.003 min
Response: 8254
Conc: 0.69 ng/ml