

Data Path : P:\HPCHEM1\ECD_0\Data\P0051018\
 Data File : P0044579.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 May 2018 18:22
 Operator : SM/UA
 Sample : J2780-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 18:54:32 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0050918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 10 02:14:16 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...	4.038	3.304	3023103	3348244	15.028	12.365
2) SA Decachlor...	9.360	8.044	1721452	1633865	11.856	9.352
Target Compounds						
3) L1 AR-1016-1	4.868	4.080	164279	84798	33.491	12.994 #
4) L1 AR-1016-2	0.000	4.542	0	135951	N.D.	23.906 #
5) L1 AR-1016-3	0.000	4.542	0	135951	N.D.	19.932 #
6) L1 AR-1016-4	5.750	4.744	272613	167316	57.047	22.172 #
7) L1 AR-1016-5	5.978	5.075	1133133	1390540	290.537	181.924 #
10) L2 AR-1221-3	0.000	3.697	0	4814870	N.D.	433.855 #
11) L3 AR-1232-1	0.000	3.697	0	4814870	N.D.	433.855 #
12) L3 AR-1232-2	0.000	4.335	0	93124	N.D.	8.143 #
13) L3 AR-1232-3	0.000	4.335	0	93124	N.D.	20.181 #
14) L3 AR-1232-4	0.000	4.542	0	135951	N.D.	39.484 #
15) L3 AR-1232-5	0.000	4.542	0	135951	N.D.	45.385 #
16) L4 AR-1242-1	0.000	4.080	0	84798	N.D.	15.856 #
17) L4 AR-1242-2	0.000	4.335	0	93124	N.D.	4.677 #
18) L4 AR-1242-3	0.000	4.542	0	135951	N.D.	22.765 #
19) L4 AR-1242-4	5.612	4.542	136894	135951	34.228	23.782 #
20) L4 AR-1242-5	5.750	4.744	272613	167316	60.803	26.983 #
21) L5 AR-1248-1	5.612	4.744	136894	167316	20.979	16.640
22) L5 AR-1248-2	5.750	4.881	272613	237286	48.002	26.408 #
23) L5 AR-1248-3	6.003	5.075	225183	1390540	28.887	92.253 #
24) L5 AR-1248-4	6.042	5.115	526415	243677	69.399	20.074 #
25) L5 AR-1248-5	6.239	5.604	1072928	4719237	222.262	720.981 #
26) L6 AR-1254-1	6.189	5.075	1543449	1390540	128.406	81.727 #
27) L6 AR-1254-2	6.452	5.219	2006648	1225860	283.577	83.836 #
28) L6 AR-1254-3	6.547	5.604	3694866	4719237	305.621	201.022 #
29) L6 AR-1254-4	6.823	5.827	1278191	1114708	132.318	61.478 #
30) L6 AR-1254-5	7.085	6.128	1681865	1181130	253.137	113.715 #
31) L7 AR-1260-1	6.706	5.727	2111081	2787394	262.151	185.414 #
32) L7 AR-1260-2	6.953	5.914	4307658	3614858	411.265	197.269 #
33) L7 AR-1260-3	7.307	6.228	1471456	5714626	178.246	349.364 #
34) L7 AR-1260-4	7.829	6.755	2801804	3916361	162.580	143.651
35) L7 AR-1260-5	8.114	7.089	1788907	2353666	177.829	131.834 #
36) L8 AR-1262-1	6.706	5.914	2111081	3614858	271.746	210.979
37) L8 AR-1262-2	6.953	6.055	4307658	2708596	430.112	165.953 #
38) L8 AR-1262-3	7.232	6.258	4610920	1832875	517.660	66.934 #
39) L8 AR-1262-4	7.521	6.512	2571781	1113639	217.230	51.164 #
40) L8 AR-1262-5	7.829	6.755	2801804	3916361	113.573	86.234

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Sample : J2780-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 18:54:32 2018
Quant Method : P:\HPCHEM1\ECD_0\methods\P0050918.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 10 02:14:16 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	8.114	7.024	1788907	626572	68.387	13.783 #
42) L9	AR-1268-2	8.180	7.089	383338	2353666	16.647	57.780 #
44) L9	AR-1268-4	8.738	7.579	636018	535579	76.196	42.021 #
45) L9	AR-1268-5	9.084	7.839	228019	221419	3.801	2.437 #

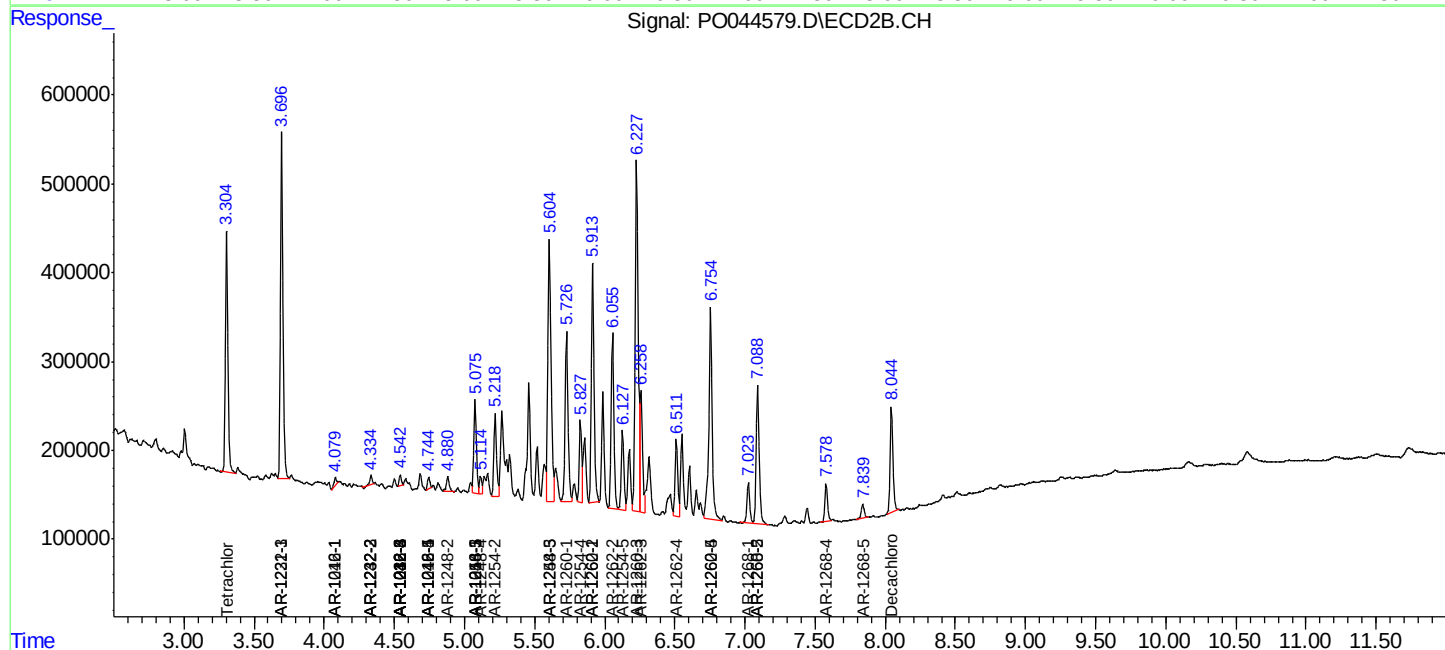
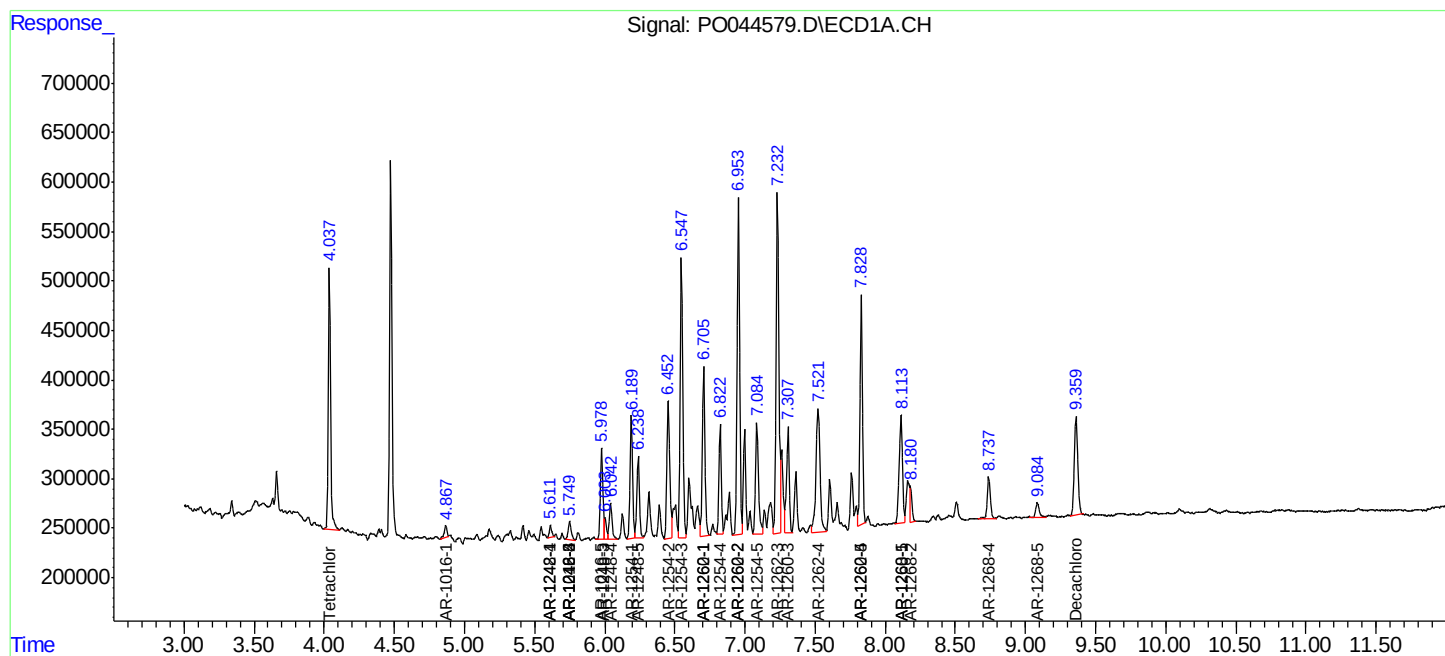
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

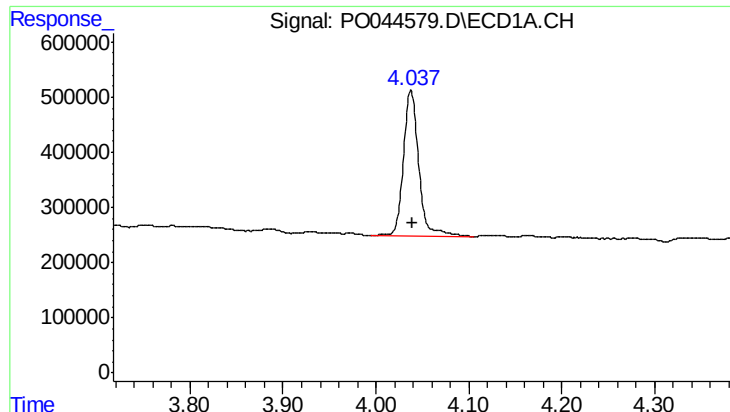
Data Path : P:\HPCHEM1\ECD_0\Data\PO051018\
Data File : PO044579.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 May 2018 18:22
Operator : SM/UA
Sample : J2780-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 18:54:32 2018
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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

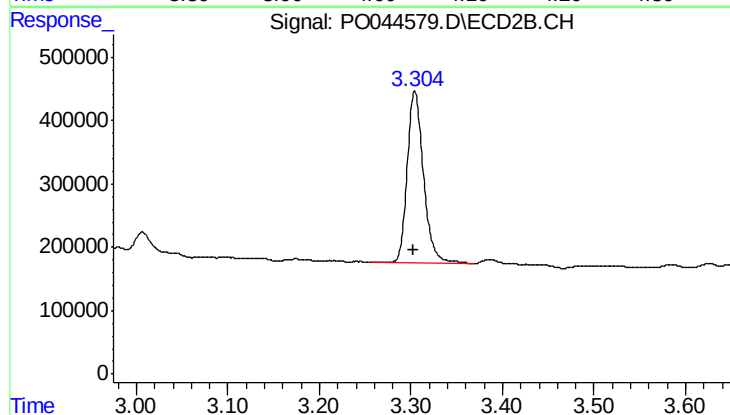




#1 Tetrachloro-m-xylene

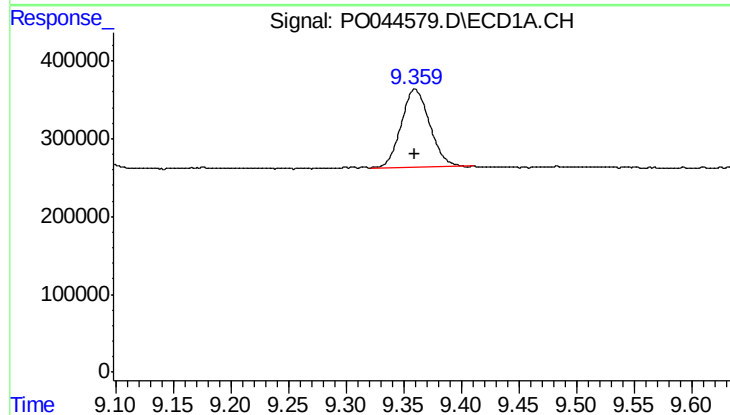
R.T.: 4.038 min
Delta R.T.: -0.001 min
Response: 3023103
Conc: 15.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



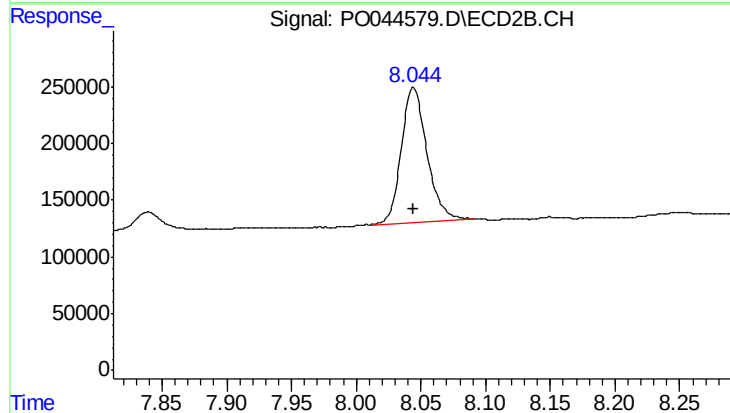
#1 Tetrachloro-m-xylene

R.T.: 3.304 min
Delta R.T.: 0.001 min
Response: 3348244
Conc: 12.36 ng/ml



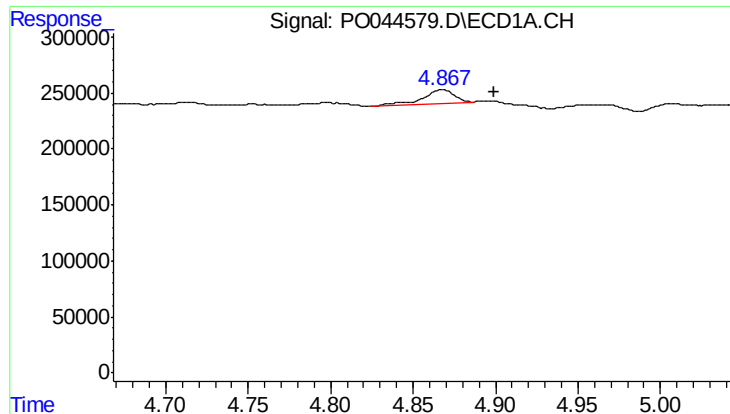
#2 Decachlorobiphenyl

R.T.: 9.360 min
Delta R.T.: 0.000 min
Response: 1721452
Conc: 11.86 ng/ml



#2 Decachlorobiphenyl

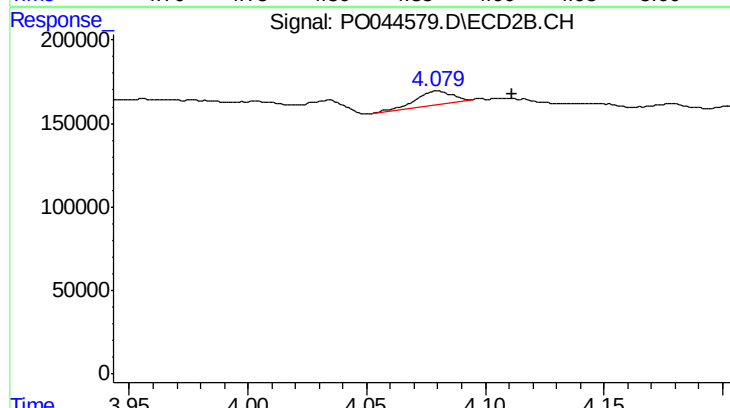
R.T.: 8.044 min
Delta R.T.: 0.000 min
Response: 1633865
Conc: 9.35 ng/ml



#3 AR-1016-1

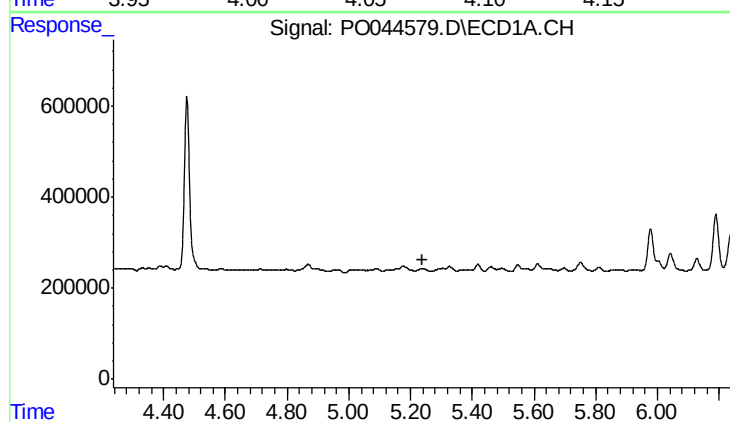
R.T.: 4.868 min
Delta R.T.: -0.032 min
Response: 164279
Conc: 33.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



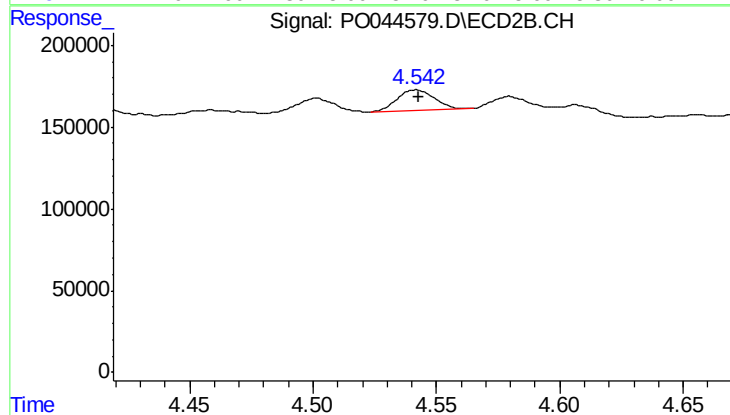
#3 AR-1016-1

R.T.: 4.080 min
Delta R.T.: -0.031 min
Response: 84798
Conc: 12.99 ng/ml



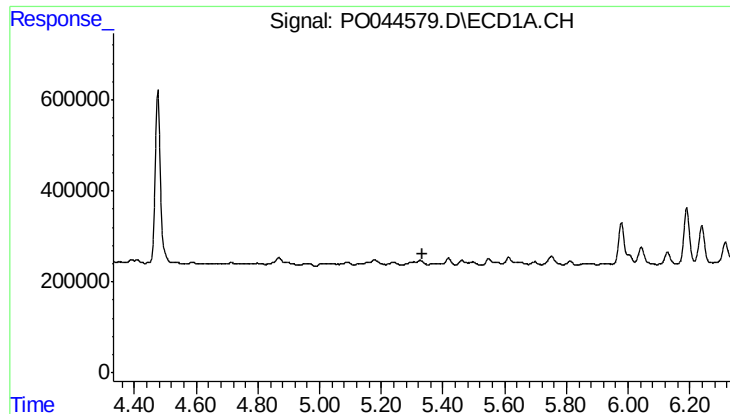
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.237 min
Response: 0
Conc: N.D.



#4 AR-1016-2

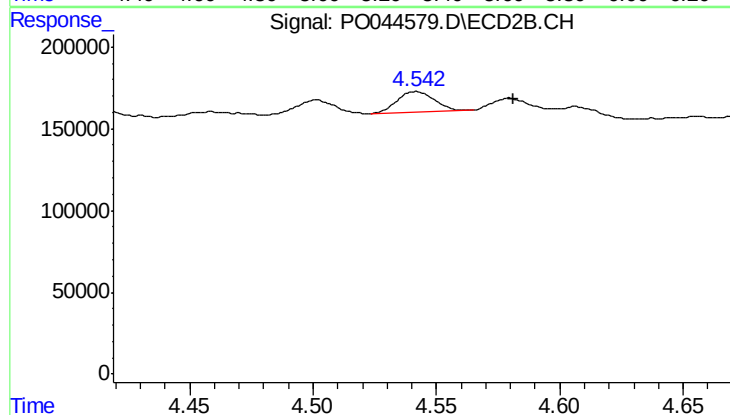
R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 135951
Conc: 23.91 ng/ml



#5 AR-1016-3

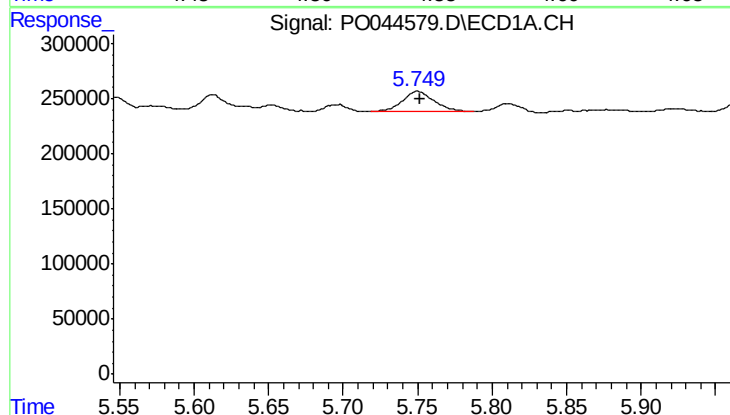
R.T.: 0.000 min
Exp R.T.: 5.332 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SOIL



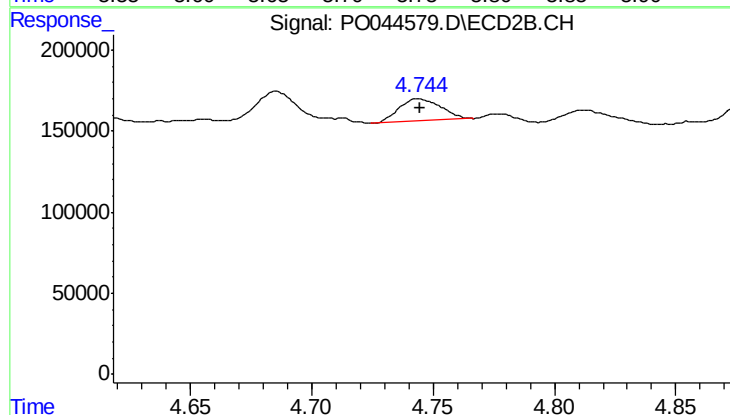
#5 AR-1016-3

R.T.: 4.542 min
Delta R.T.: -0.039 min
Response: 135951
Conc: 19.93 ng/ml



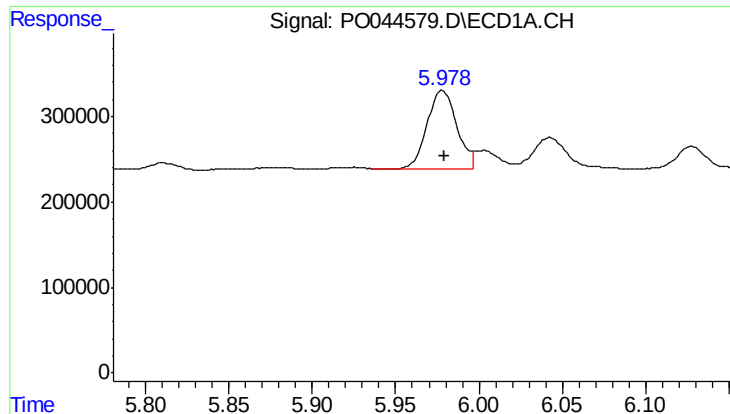
#6 AR-1016-4

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 272613
Conc: 57.05 ng/ml



#6 AR-1016-4

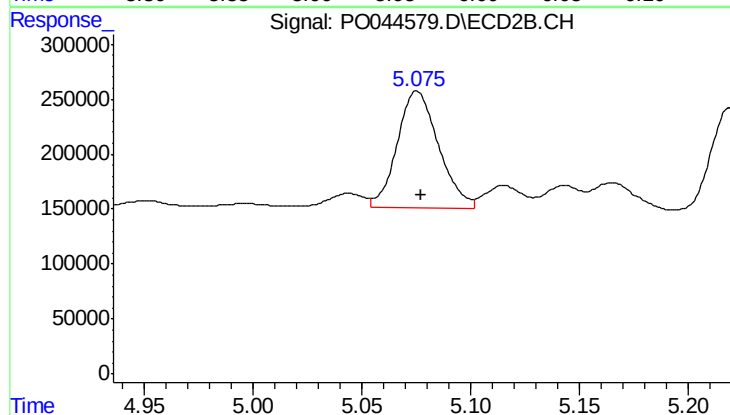
R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 167316
Conc: 22.17 ng/ml



#7 AR-1016-5

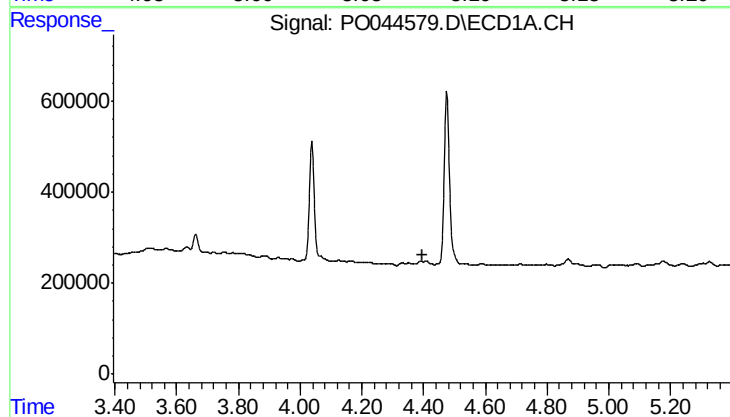
R.T.: 5.978 min
Delta R.T.: -0.001 min
Response: 1133133
Conc: 290.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



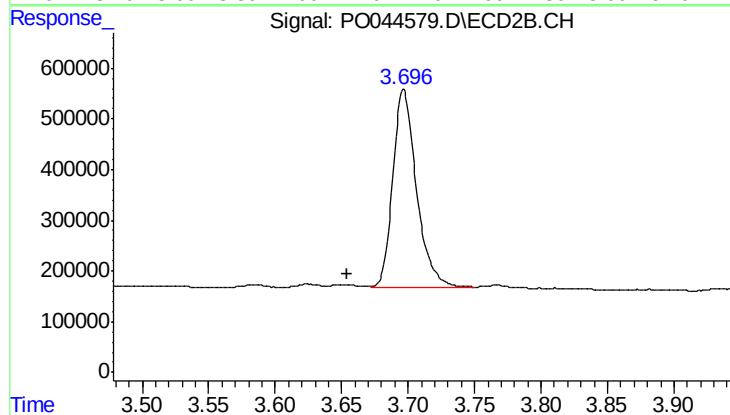
#7 AR-1016-5

R.T.: 5.075 min
Delta R.T.: -0.002 min
Response: 1390540
Conc: 181.92 ng/ml



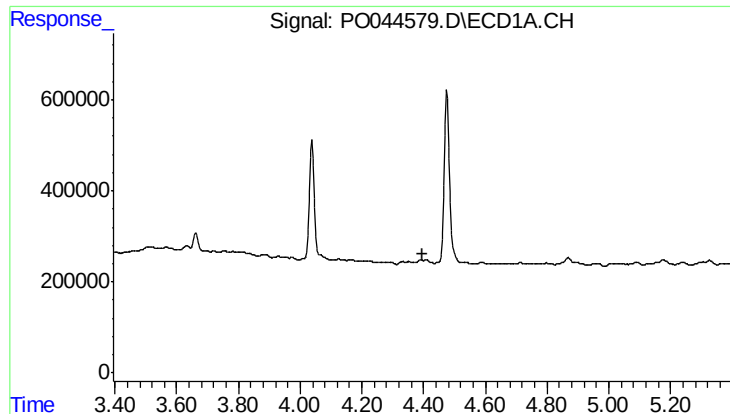
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.395 min
Response: 0
Conc: N.D.



#10 AR-1221-3

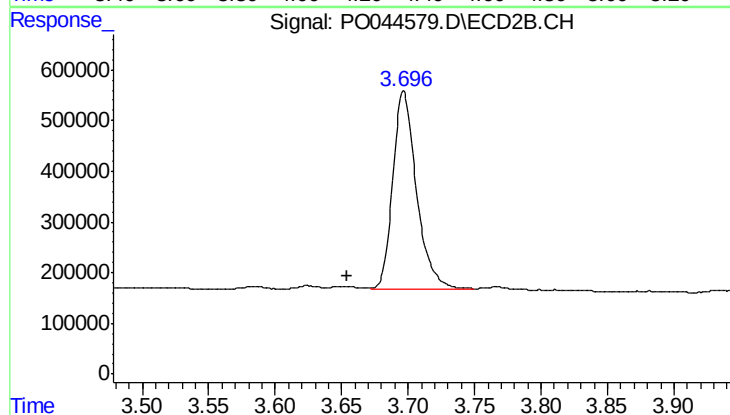
R.T.: 3.697 min
Delta R.T.: 0.043 min
Response: 4814870
Conc: 433.86 ng/ml



#11 AR-1232-1

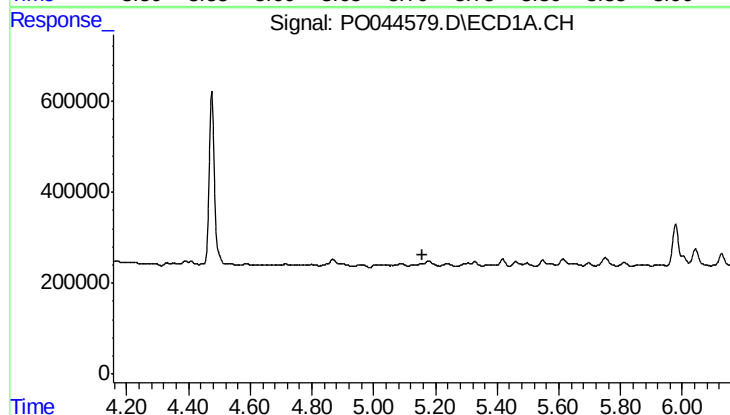
R.T.: 0.000 min
Exp R.T.: 4.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SOIL



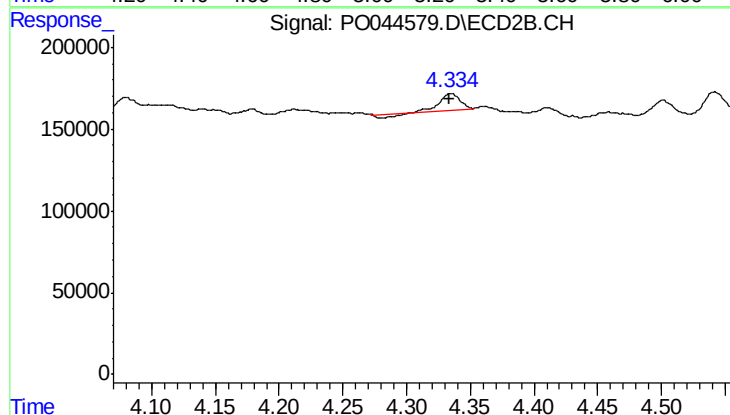
#11 AR-1232-1

R.T.: 3.697 min
Delta R.T.: 0.043 min
Response: 4814870
Conc: 433.86 ng/ml



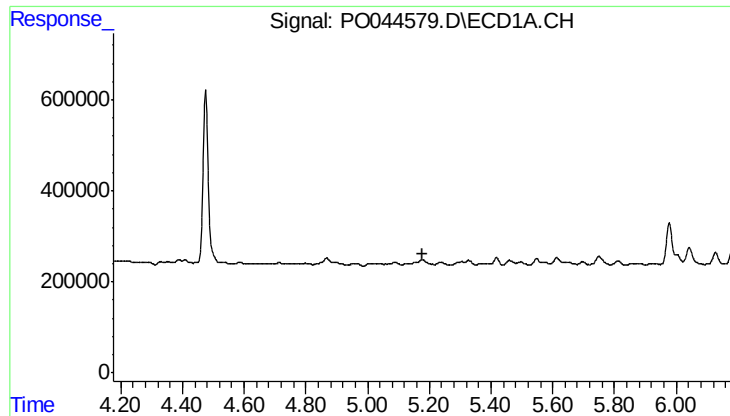
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.157 min
Response: 0
Conc: N.D.



#12 AR-1232-2

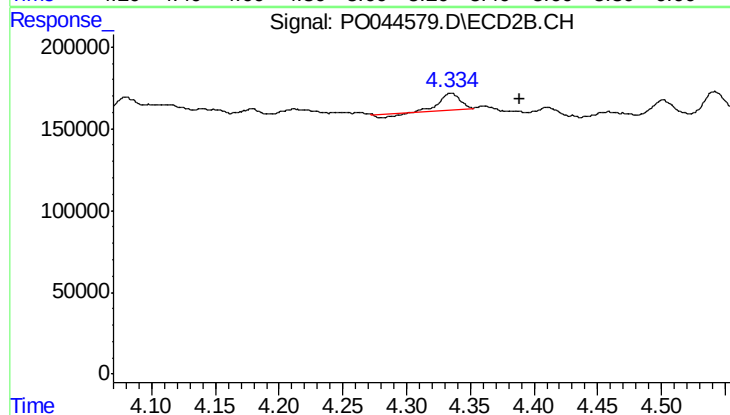
R.T.: 4.335 min
Delta R.T.: 0.001 min
Response: 93124
Conc: 8.14 ng/ml



#13 AR-1232-3

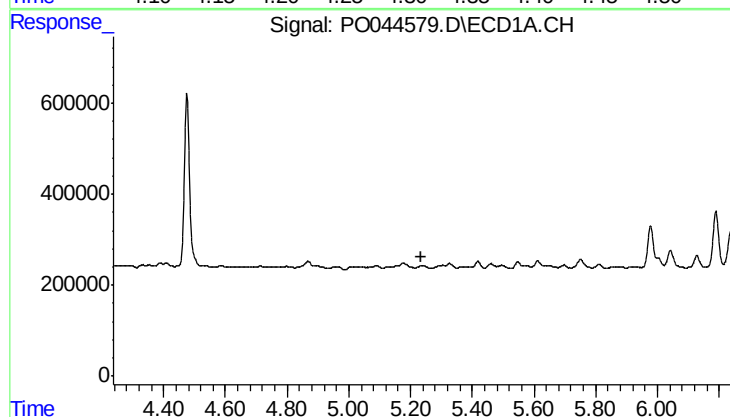
R.T.: 0.000 min
Exp R.T.: 5.177 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SOIL



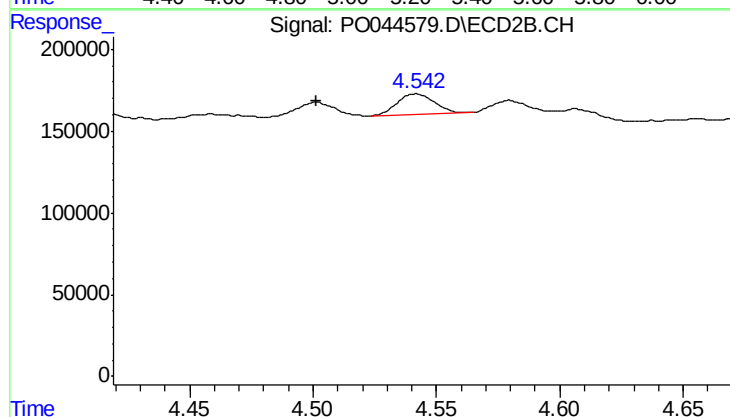
#13 AR-1232-3

R.T.: 4.335 min
Delta R.T.: -0.055 min
Response: 93124
Conc: 20.18 ng/ml



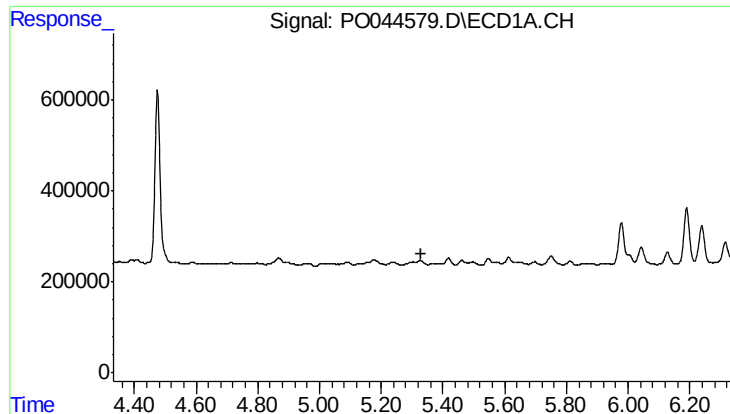
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.237 min
Response: 0
Conc: N.D.



#14 AR-1232-4

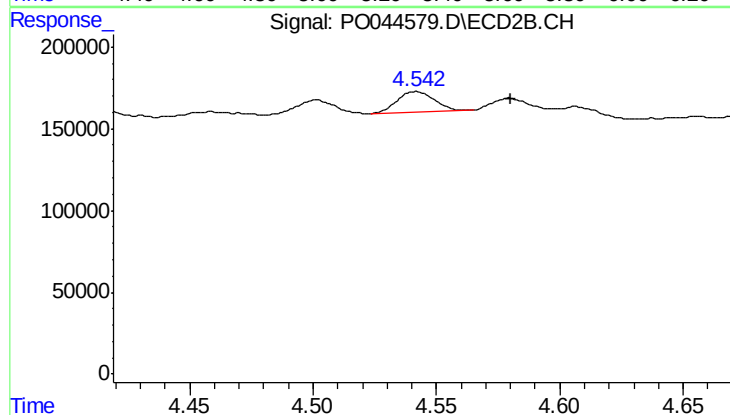
R.T.: 4.542 min
Delta R.T.: 0.041 min
Response: 135951
Conc: 39.48 ng/ml



#15 AR-1232-5

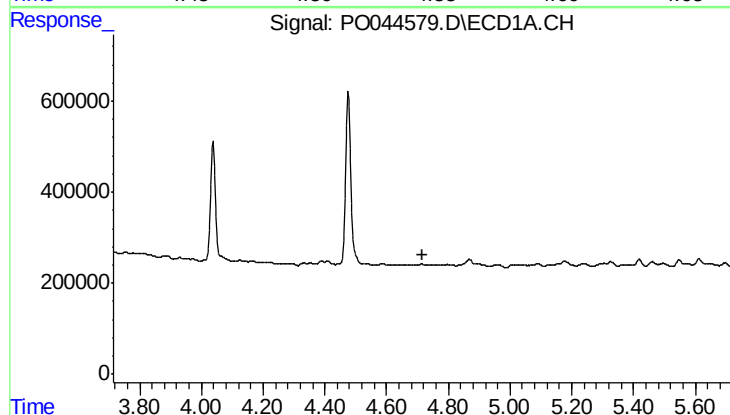
R.T.: 0.000 min
Exp R.T.: 5.332 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SOIL



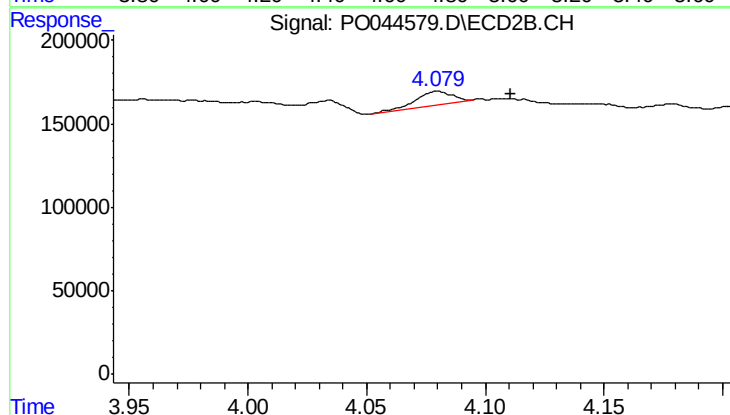
#15 AR-1232-5

R.T.: 4.542 min
Delta R.T.: -0.038 min
Response: 135951
Conc: 45.38 ng/ml



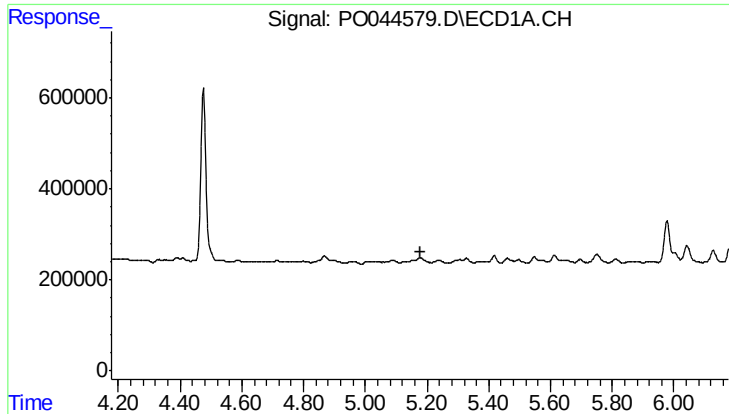
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.



#16 AR-1242-1

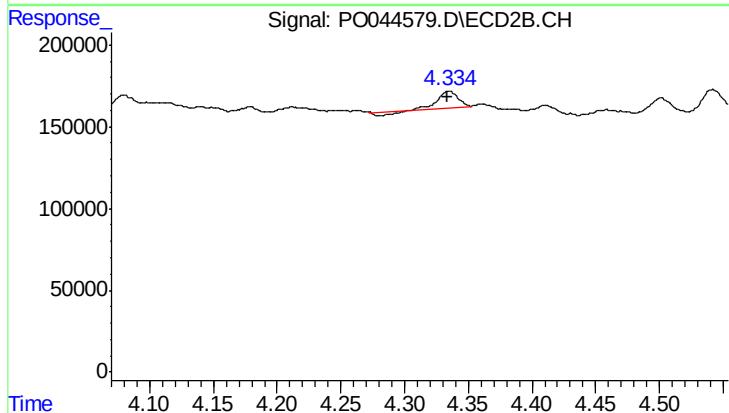
R.T.: 4.080 min
Delta R.T.: -0.031 min
Response: 84798
Conc: 15.86 ng/ml



#17 AR-1242-2

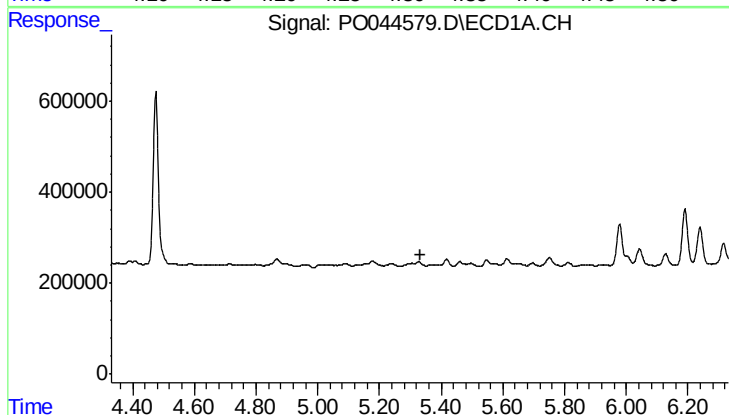
R.T.: 0.000 min
Exp R.T.: 5.177 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SOIL



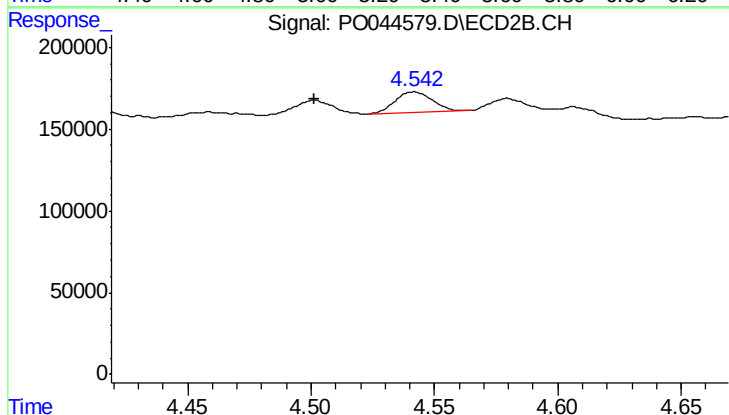
#17 AR-1242-2

R.T.: 4.335 min
Delta R.T.: 0.001 min
Response: 93124
Conc: 4.68 ng/ml



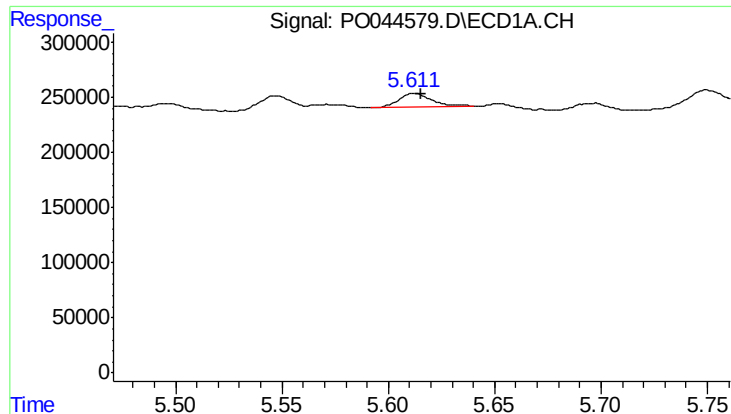
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.332 min
Response: 0
Conc: N.D.



#18 AR-1242-3

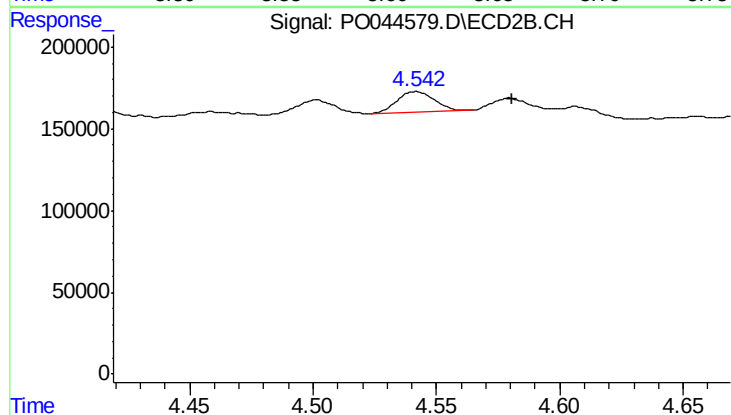
R.T.: 4.542 min
Delta R.T.: 0.041 min
Response: 135951
Conc: 22.77 ng/ml



#19 AR-1242-4

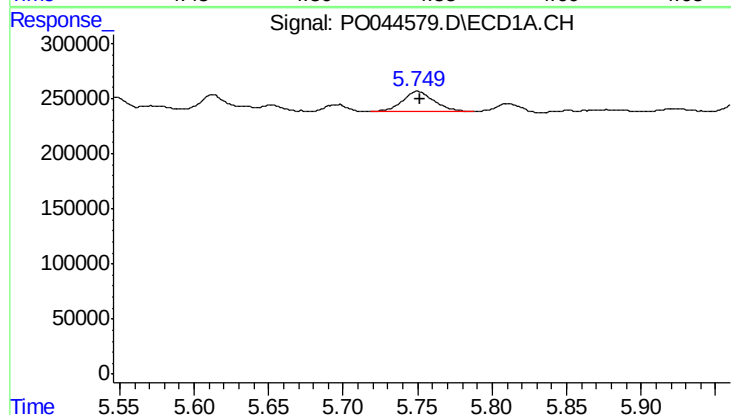
R.T.: 5.612 min
Delta R.T.: -0.003 min
Response: 136894
Conc: 34.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



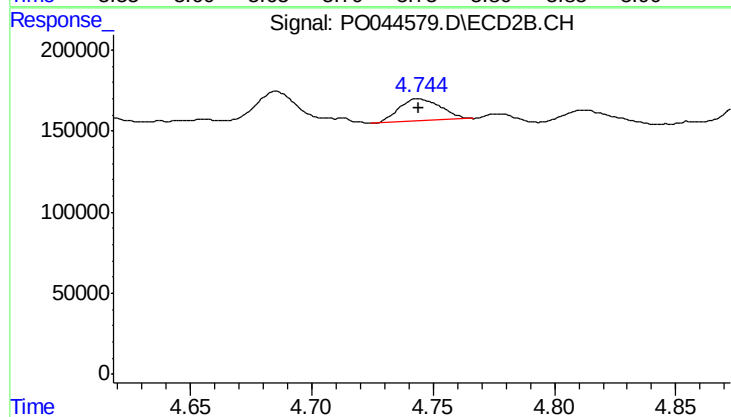
#19 AR-1242-4

R.T.: 4.542 min
Delta R.T.: -0.039 min
Response: 135951
Conc: 23.78 ng/ml



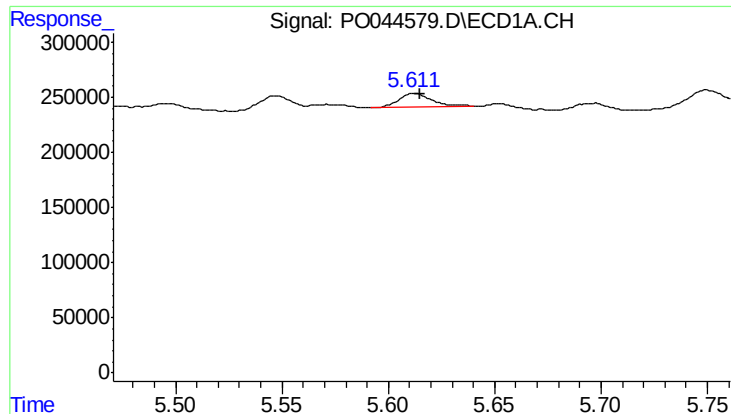
#20 AR-1242-5

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 272613
Conc: 60.80 ng/ml



#20 AR-1242-5

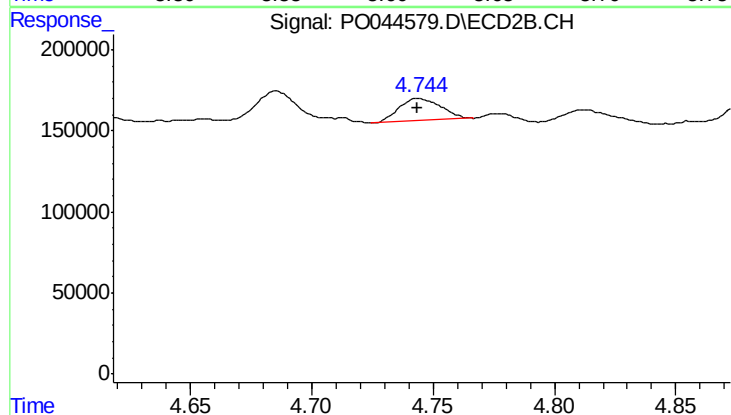
R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 167316
Conc: 26.98 ng/ml



#21 AR-1248-1

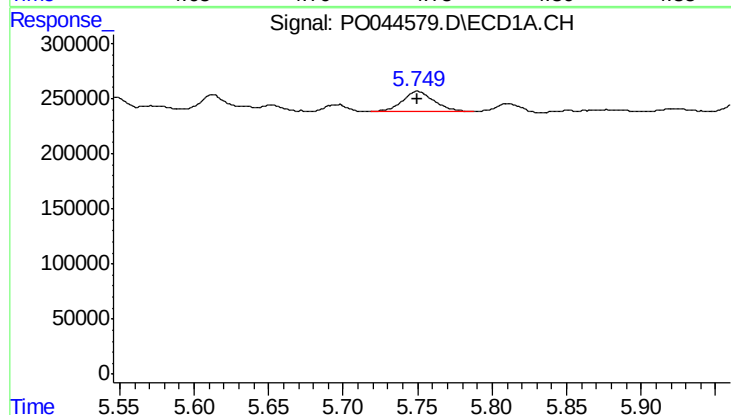
R.T.: 5.612 min
Delta R.T.: -0.003 min
Response: 136894
Conc: 20.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



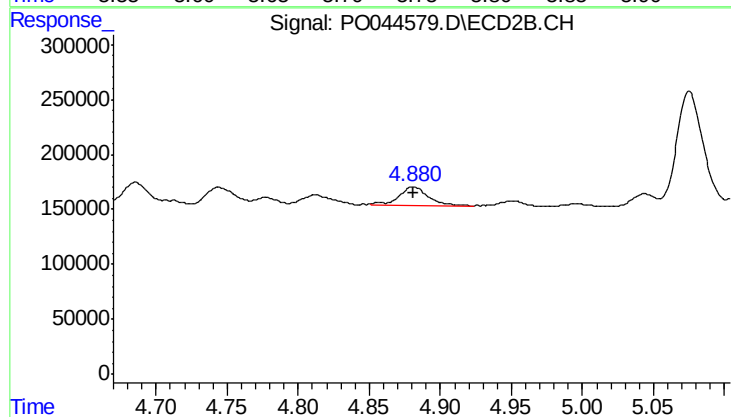
#21 AR-1248-1

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 167316
Conc: 16.64 ng/ml



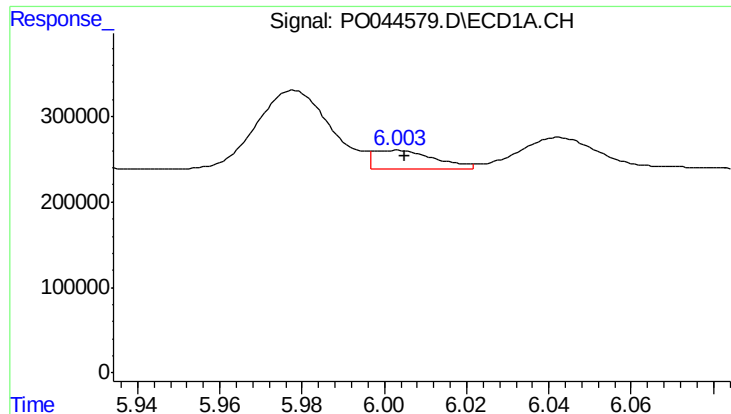
#22 AR-1248-2

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 272613
Conc: 48.00 ng/ml



#22 AR-1248-2

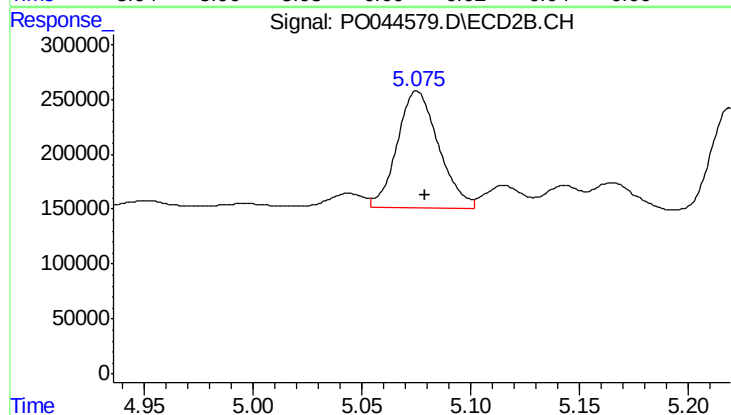
R.T.: 4.881 min
Delta R.T.: 0.000 min
Response: 237286
Conc: 26.41 ng/ml



#23 AR-1248-3

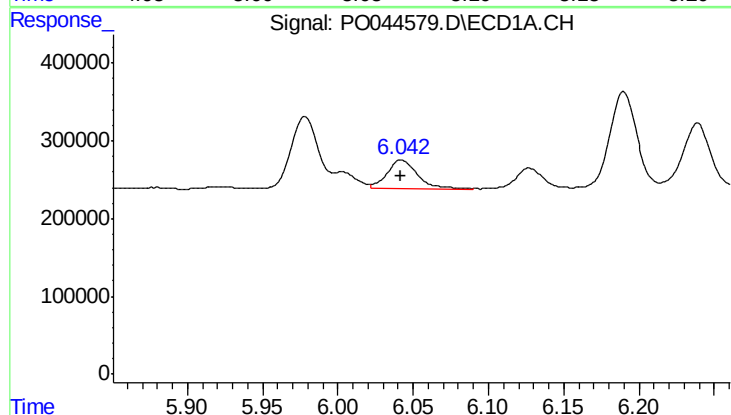
R.T.: 6.003 min
Delta R.T.: -0.002 min
Response: 225183
Conc: 28.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



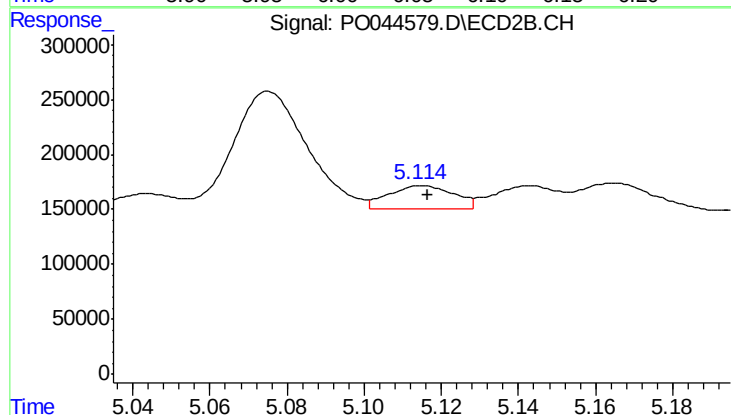
#23 AR-1248-3

R.T.: 5.075 min
Delta R.T.: -0.004 min
Response: 1390540
Conc: 92.25 ng/ml



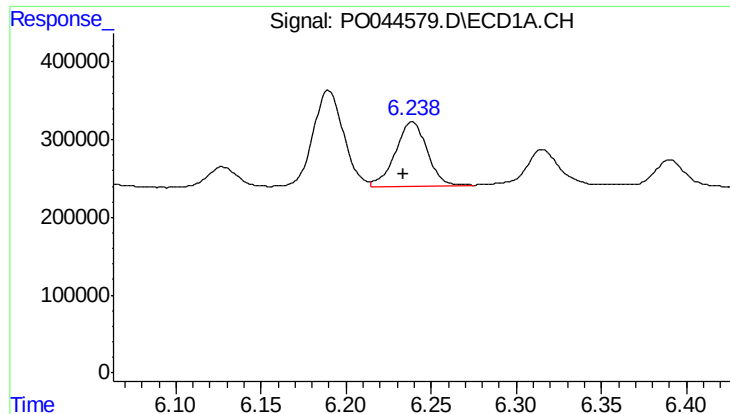
#24 AR-1248-4

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 526415
Conc: 69.40 ng/ml



#24 AR-1248-4

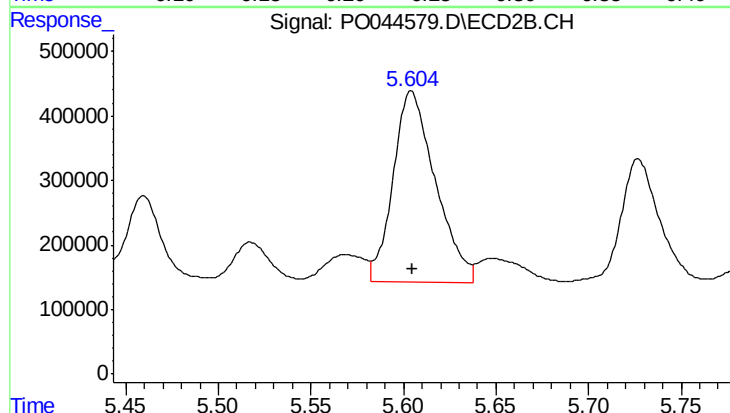
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 243677
Conc: 20.07 ng/ml



#25 AR-1248-5

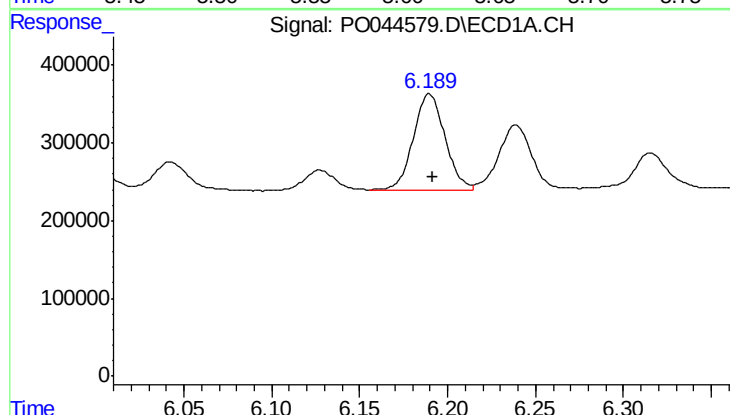
R.T.: 6.239 min
Delta R.T.: 0.006 min
Response: 1072928
Conc: 222.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



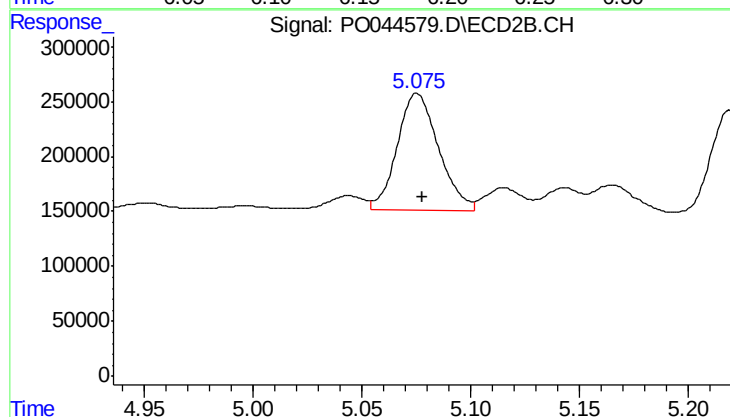
#25 AR-1248-5

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 4719237
Conc: 720.98 ng/ml



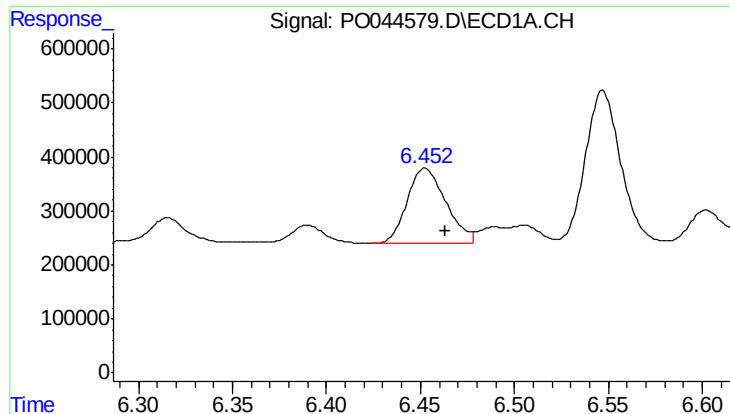
#26 AR-1254-1

R.T.: 6.189 min
Delta R.T.: -0.002 min
Response: 1543449
Conc: 128.41 ng/ml



#26 AR-1254-1

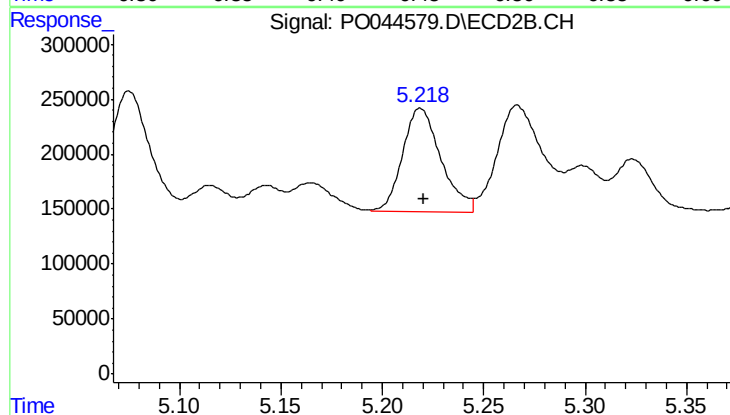
R.T.: 5.075 min
Delta R.T.: -0.002 min
Response: 1390540
Conc: 81.73 ng/ml



#27 AR-1254-2

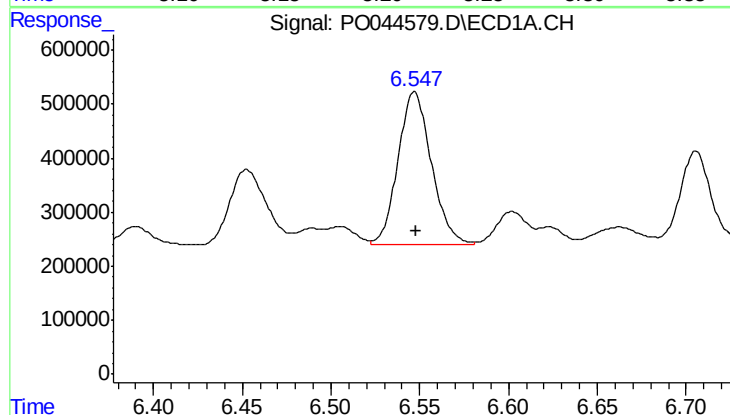
R.T.: 6.452 min
Delta R.T.: -0.011 min
Response: 2006648
Conc: 283.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



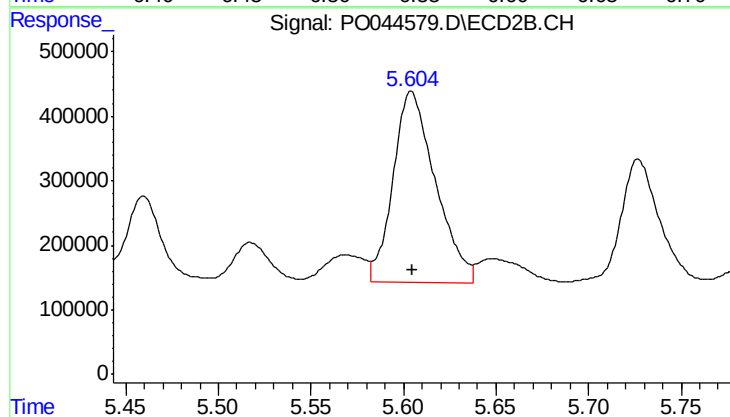
#27 AR-1254-2

R.T.: 5.219 min
Delta R.T.: -0.002 min
Response: 1225860
Conc: 83.84 ng/ml



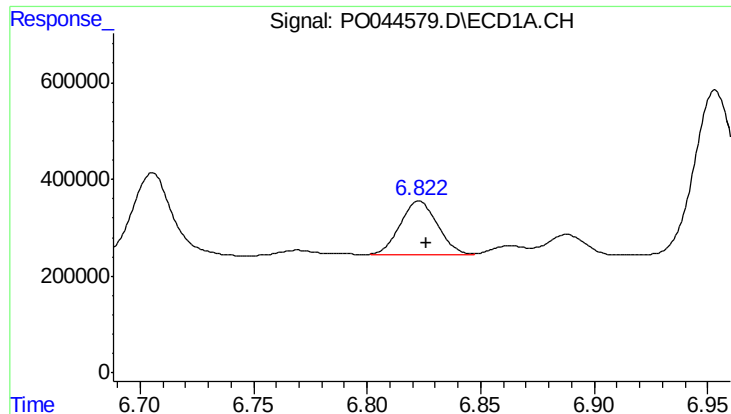
#28 AR-1254-3

R.T.: 6.547 min
Delta R.T.: -0.001 min
Response: 3694866
Conc: 305.62 ng/ml



#28 AR-1254-3

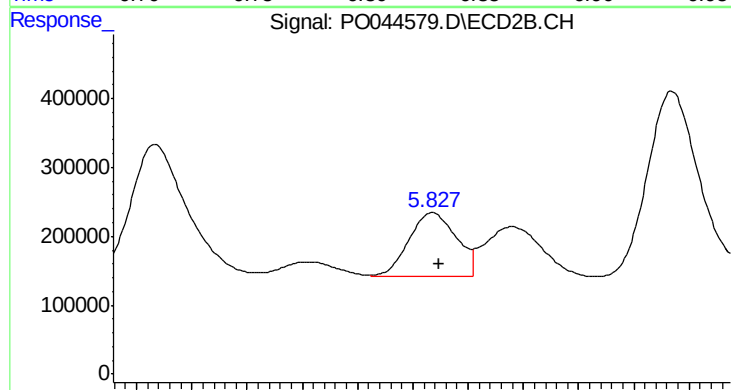
R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 4719237
Conc: 201.02 ng/ml



#29 AR-1254-4

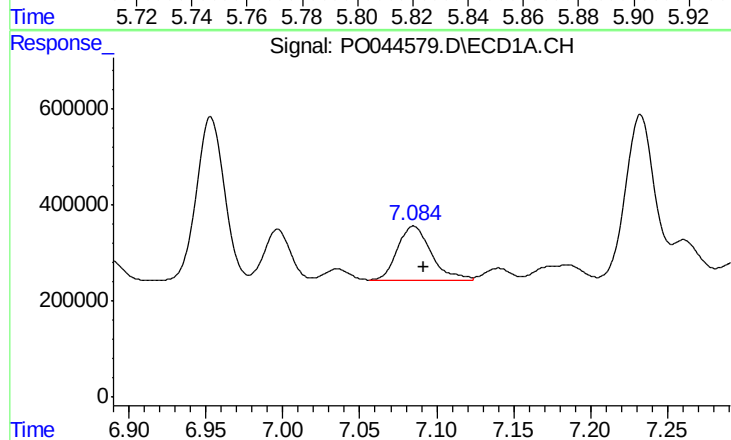
R.T.: 6.823 min
Delta R.T.: -0.003 min
Response: 1278191
Conc: 132.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



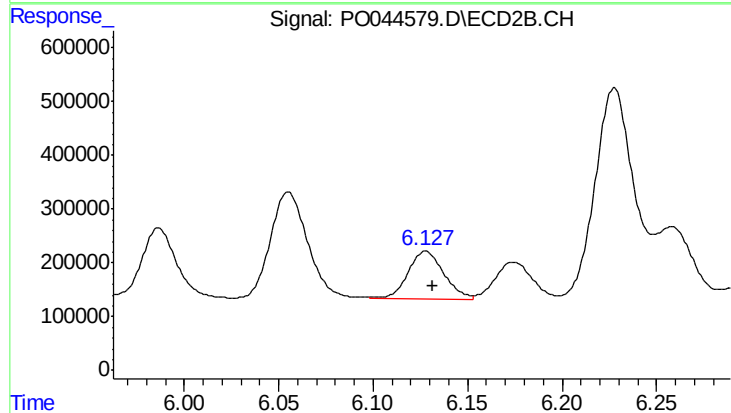
#29 AR-1254-4

R.T.: 5.827 min
Delta R.T.: -0.002 min
Response: 1114708
Conc: 61.48 ng/ml



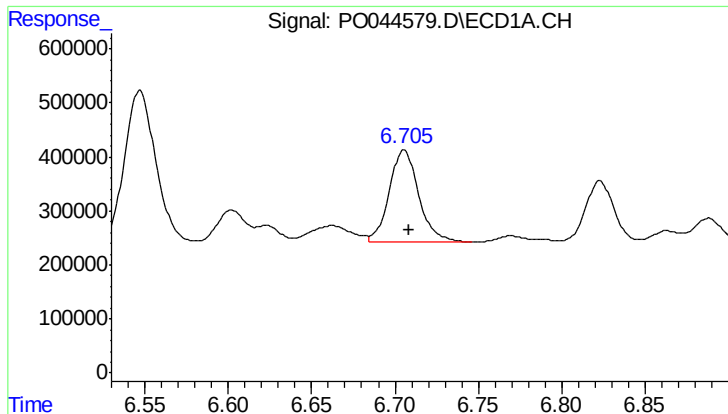
#30 AR-1254-5

R.T.: 7.085 min
Delta R.T.: -0.007 min
Response: 1681865
Conc: 253.14 ng/ml



#30 AR-1254-5

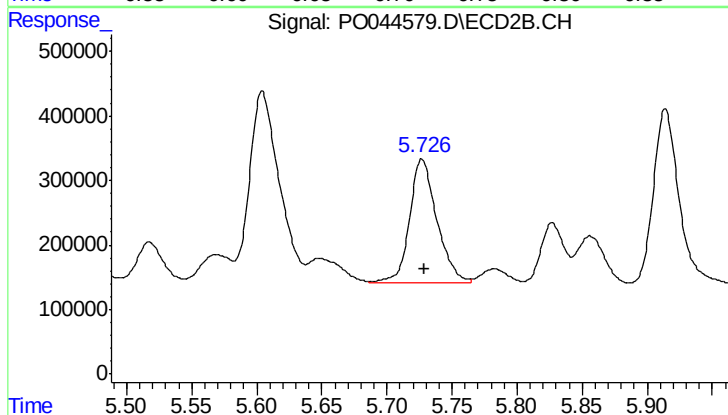
R.T.: 6.128 min
Delta R.T.: -0.004 min
Response: 1181130
Conc: 113.71 ng/ml



#31 AR-1260-1

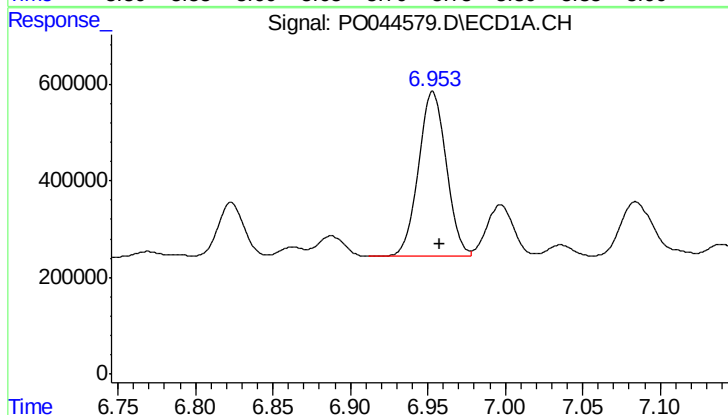
R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 2111081
Conc: 262.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



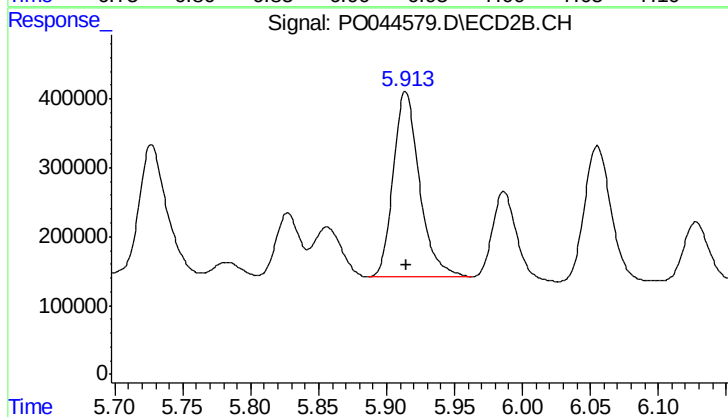
#31 AR-1260-1

R.T.: 5.727 min
Delta R.T.: -0.002 min
Response: 2787394
Conc: 185.41 ng/ml



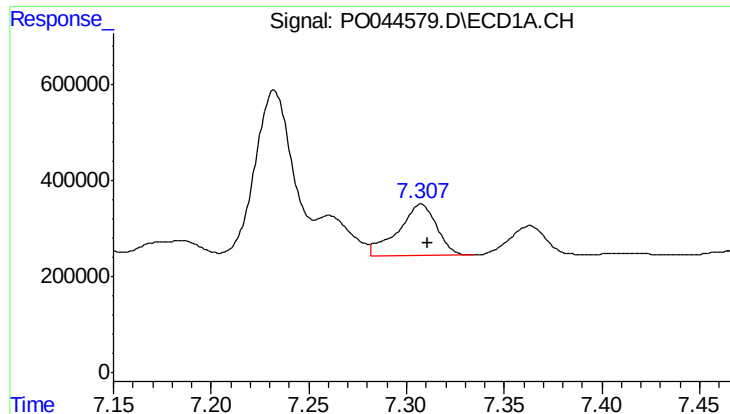
#32 AR-1260-2

R.T.: 6.953 min
Delta R.T.: -0.005 min
Response: 4307658
Conc: 411.26 ng/ml



#32 AR-1260-2

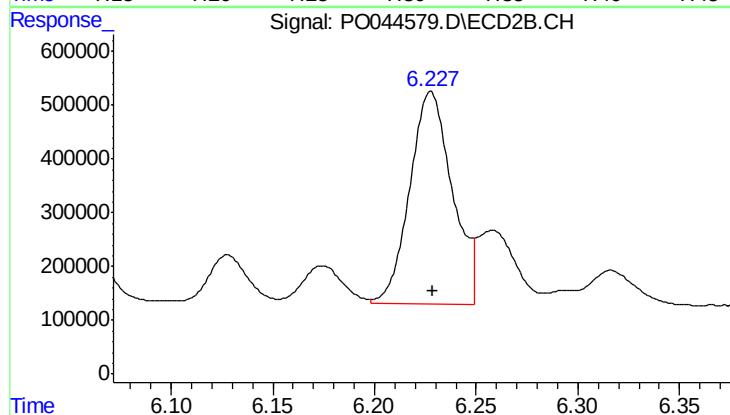
R.T.: 5.914 min
Delta R.T.: -0.001 min
Response: 3614858
Conc: 197.27 ng/ml



#33 AR-1260-3

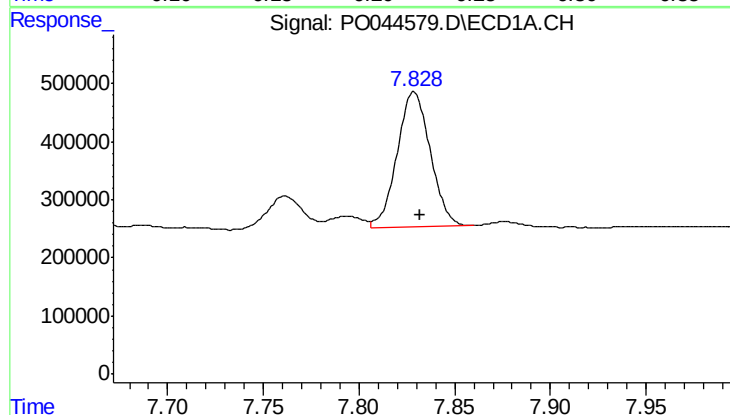
R.T.: 7.307 min
Delta R.T.: -0.003 min
Response: 1471456
Conc: 178.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



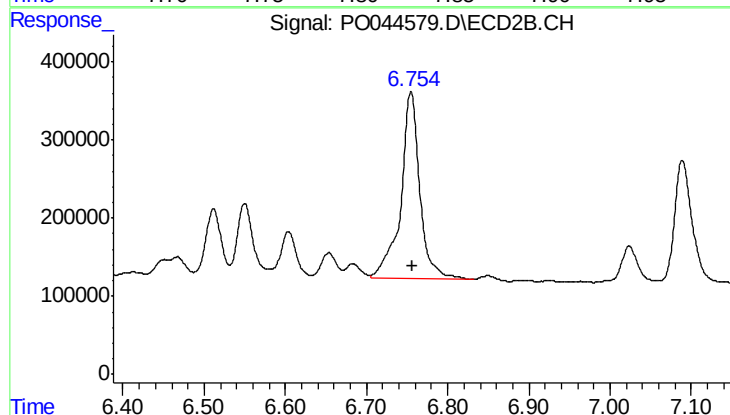
#33 AR-1260-3

R.T.: 6.228 min
Delta R.T.: -0.001 min
Response: 5714626
Conc: 349.36 ng/ml



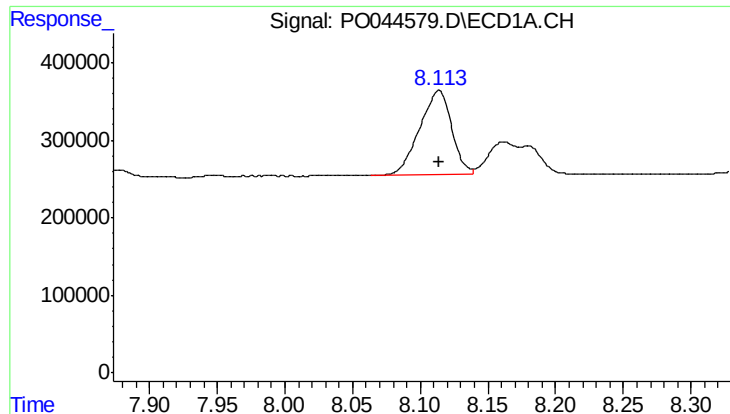
#34 AR-1260-4

R.T.: 7.829 min
Delta R.T.: -0.003 min
Response: 2801804
Conc: 162.58 ng/ml



#34 AR-1260-4

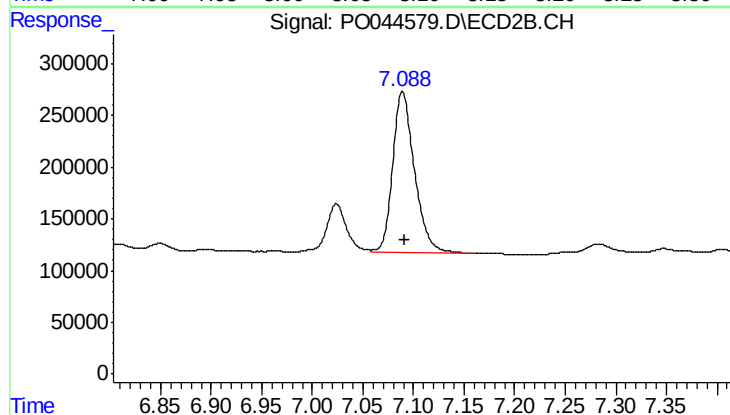
R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 3916361
Conc: 143.65 ng/ml



#35 AR-1260-5

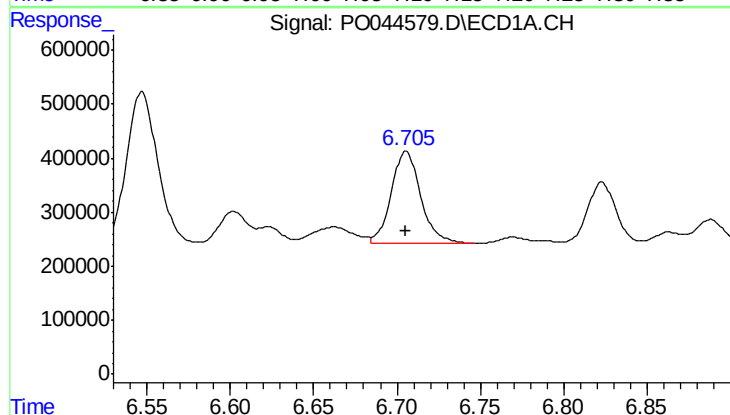
R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 1788907
Conc: 177.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



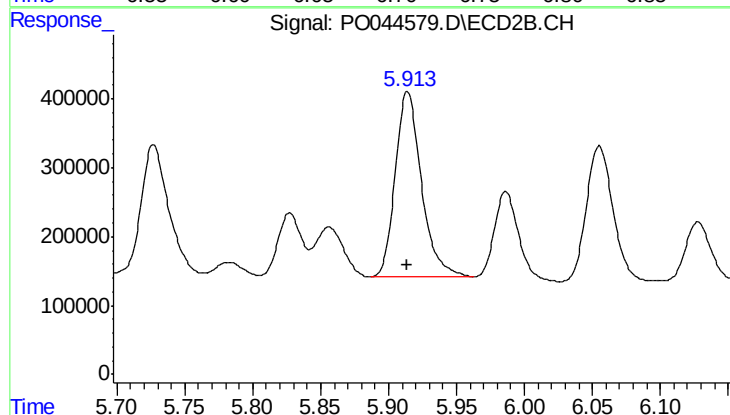
#35 AR-1260-5

R.T.: 7.089 min
Delta R.T.: -0.002 min
Response: 2353666
Conc: 131.83 ng/ml



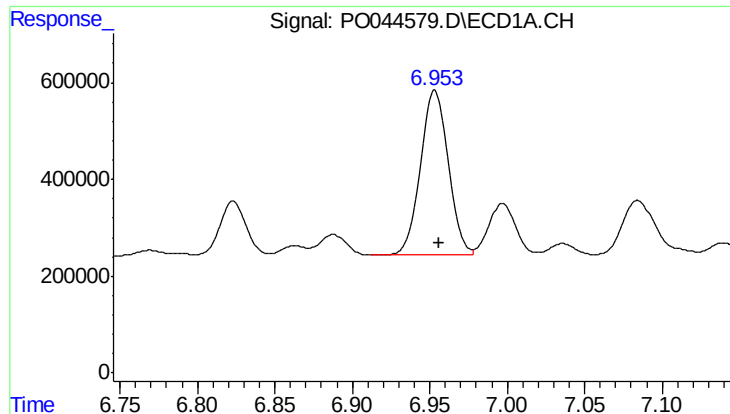
#36 AR-1262-1

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 2111081
Conc: 271.75 ng/ml



#36 AR-1262-1

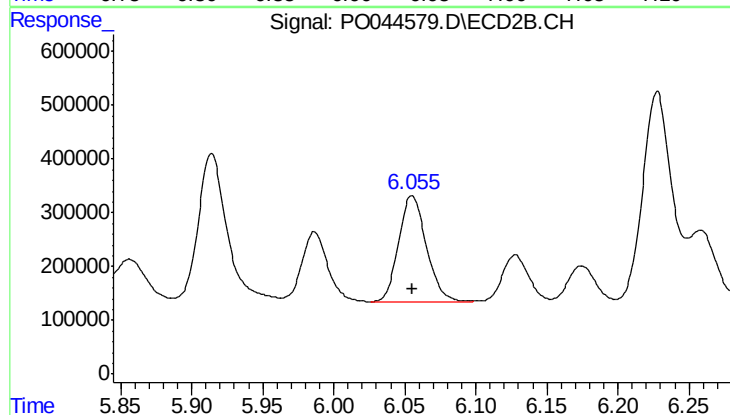
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 3614858
Conc: 210.98 ng/ml



#37 AR-1262-2

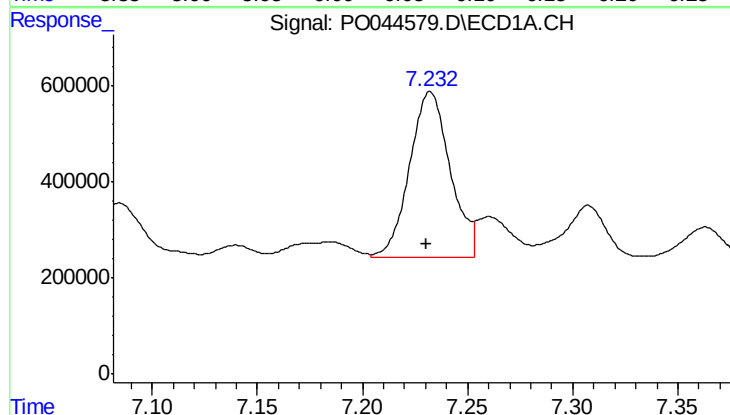
R.T.: 6.953 min
Delta R.T.: -0.003 min
Response: 4307658
Conc: 430.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



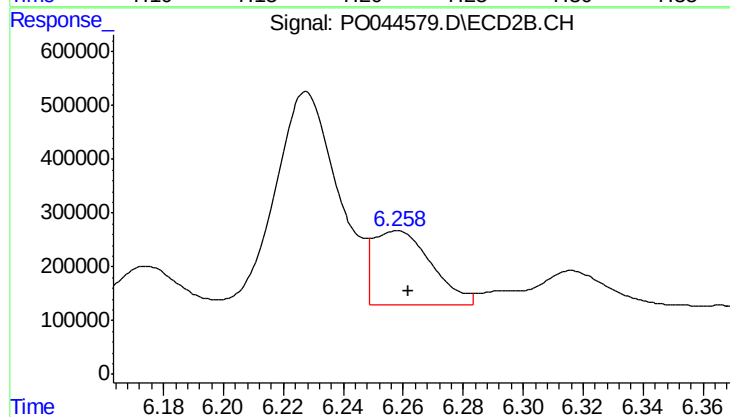
#37 AR-1262-2

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 2708596
Conc: 165.95 ng/ml



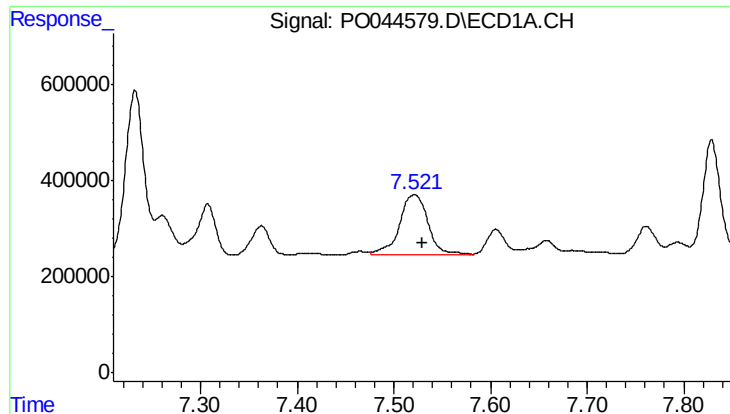
#38 AR-1262-3

R.T.: 7.232 min
Delta R.T.: 0.002 min
Response: 4610920
Conc: 517.66 ng/ml



#38 AR-1262-3

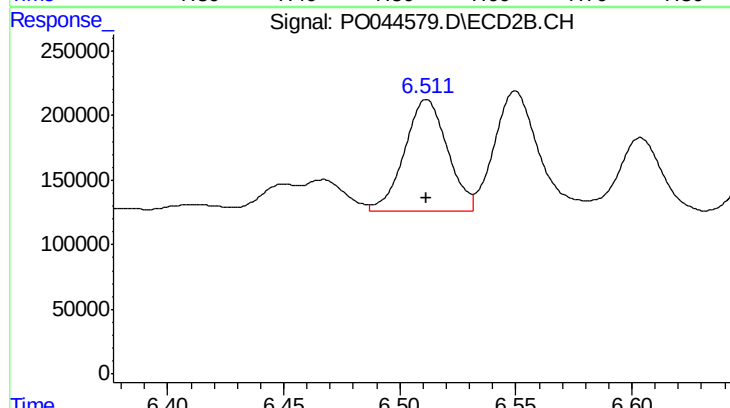
R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 1832875
Conc: 66.93 ng/ml



#39 AR-1262-4

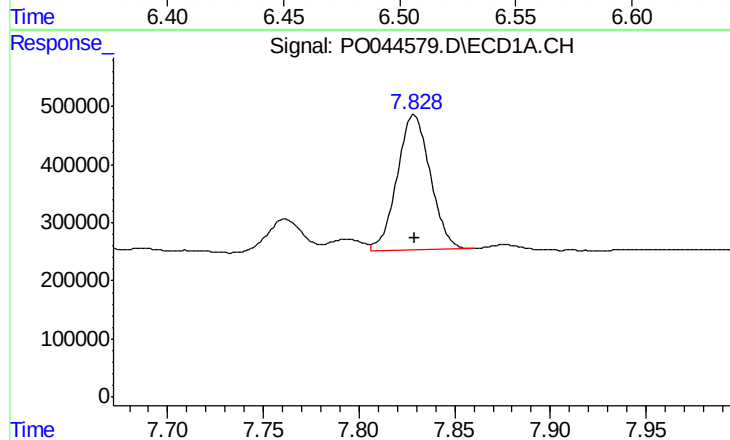
R.T.: 7.521 min
Delta R.T.: -0.008 min
Response: 2571781
Conc: 217.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



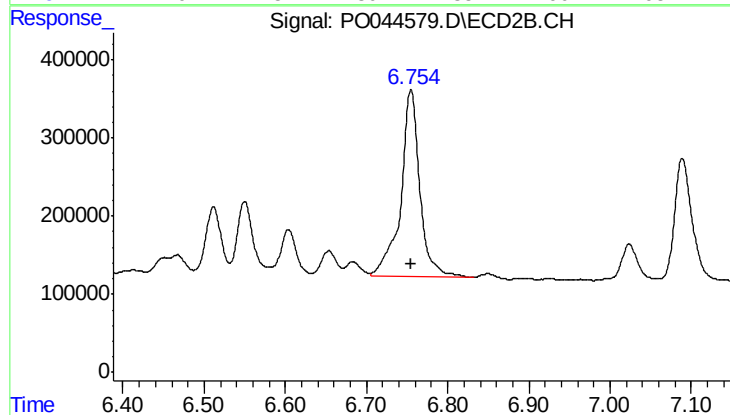
#39 AR-1262-4

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 1113639
Conc: 51.16 ng/ml



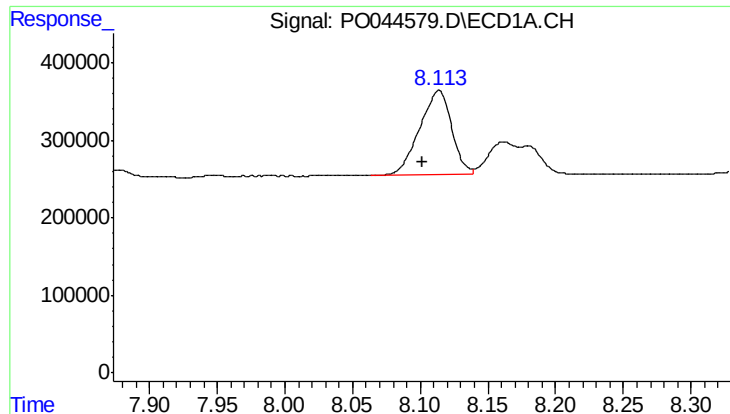
#40 AR-1262-5

R.T.: 7.829 min
Delta R.T.: 0.000 min
Response: 2801804
Conc: 113.57 ng/ml



#40 AR-1262-5

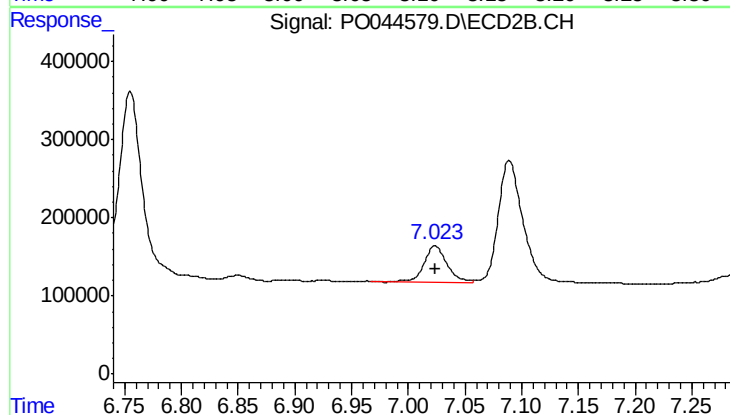
R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 3916361
Conc: 86.23 ng/ml



#41 AR-1268-1

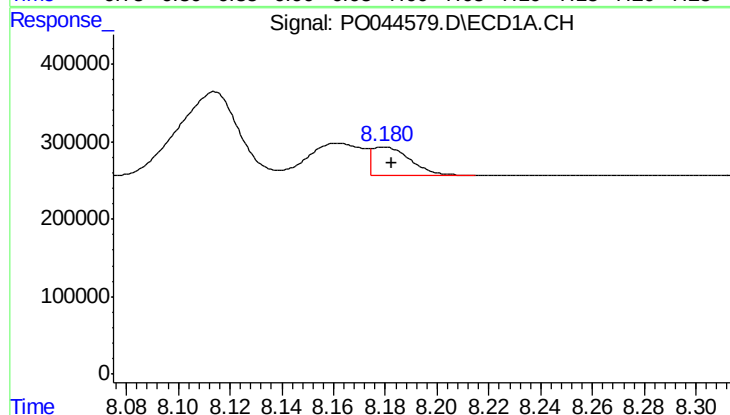
R.T.: 8.114 min
Delta R.T.: 0.013 min
Response: 1788907
Conc: 68.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



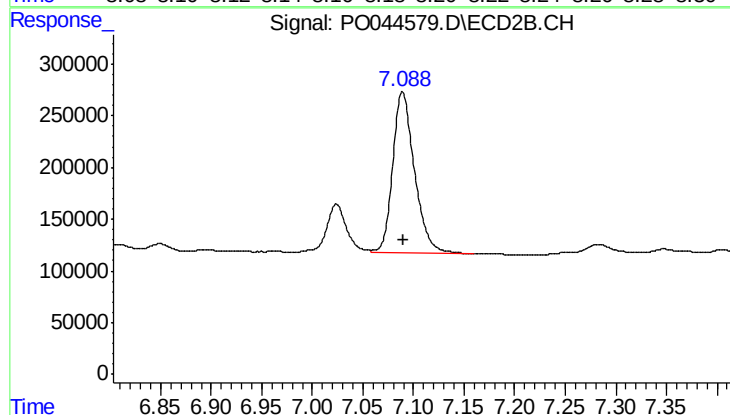
#41 AR-1268-1

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 626572
Conc: 13.78 ng/ml



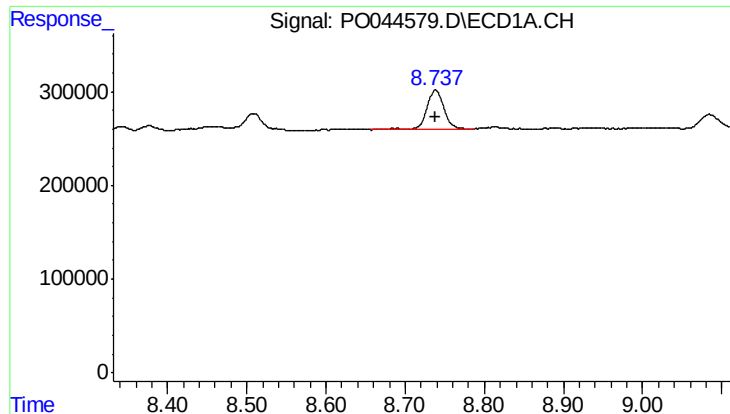
#42 AR-1268-2

R.T.: 8.180 min
Delta R.T.: -0.003 min
Response: 383338
Conc: 16.65 ng/ml



#42 AR-1268-2

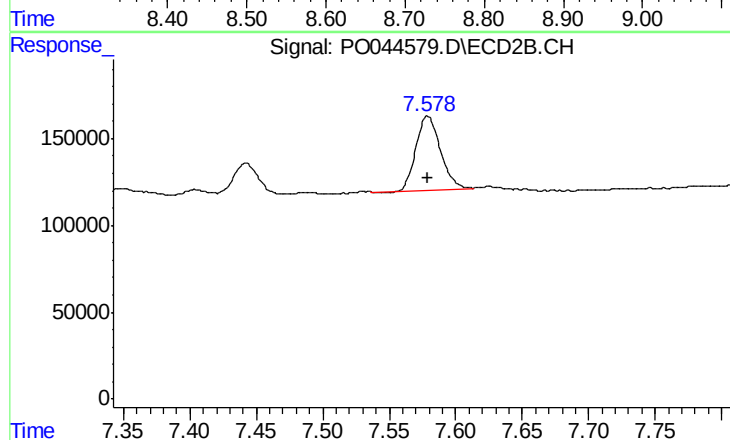
R.T.: 7.089 min
Delta R.T.: -0.002 min
Response: 2353666
Conc: 57.78 ng/ml



#44 AR-1268-4

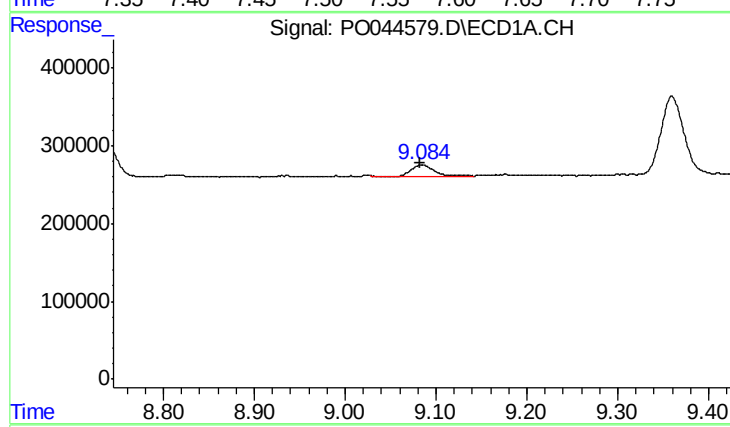
R.T.: 8.738 min
Delta R.T.: 0.000 min
Response: 636018
Conc: 76.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOIL



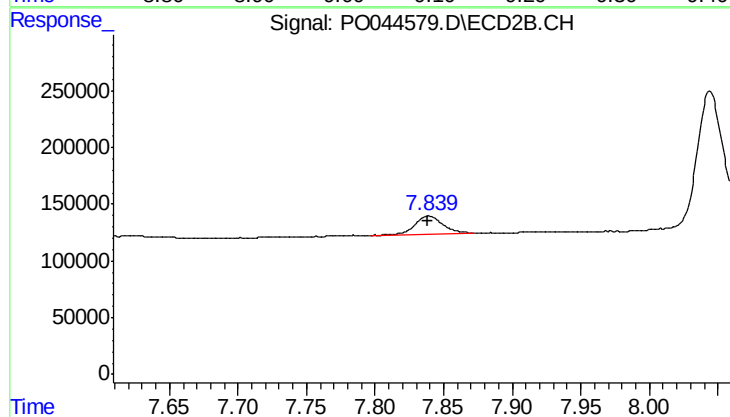
#44 AR-1268-4

R.T.: 7.579 min
Delta R.T.: 0.000 min
Response: 535579
Conc: 42.02 ng/ml



#45 AR-1268-5

R.T.: 9.084 min
Delta R.T.: 0.002 min
Response: 228019
Conc: 3.80 ng/ml



#45 AR-1268-5

R.T.: 7.839 min
Delta R.T.: 0.000 min
Response: 221419
Conc: 2.44 ng/ml