

Data Path : P:\HPCHEM1\ECD_0\Data\P0050218\
 Data File : P0044313.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 May 2018 13:29
 Operator : SM/UA
 Sample : J2616-37
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 HOPE-CREEK-SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 14:16:12 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0042518.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 26 04:36:05 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...	4.036	3.293	8800729	10370353	12.294	10.720
2) SA Decachlor...	9.375	8.053	6186814	8731144	10.044	10.521
Target Compounds						
4) L1 AR-1016-2	0.000	4.544	0	391895	N.D.	24.365 #
5) L1 AR-1016-3	0.000	4.581	0	233914	N.D.	12.110 #
6) L1 AR-1016-4	0.000	4.746	0	264562	N.D.	12.933 #
7) L1 AR-1016-5	5.987	5.081	874180	1501153	72.247	71.932
12) L3 AR-1232-2	5.104	4.332	500382	263890	66.088	9.381 #
13) L3 AR-1232-3	0.000	4.332	0	263890	N.D.	22.889 #
14) L3 AR-1232-4	0.000	4.544	0	391895	N.D.	45.992 #
15) L3 AR-1232-5	0.000	4.581	0	233914	N.D.	31.868 #
17) L4 AR-1242-2	0.000	4.332	0	263890	N.D.	5.855 #
18) L4 AR-1242-3	0.000	4.544	0	391895	N.D.	28.588 #
19) L4 AR-1242-4	5.621	4.581	194992	233914	21.637	18.279
20) L4 AR-1242-5	0.000	4.746	0	264562	N.D.	19.574 #
21) L5 AR-1248-1	5.621	4.746	194992	264562	12.125	11.050
23) L5 AR-1248-3	6.012	5.081	417704	1501153	22.368	43.622 #
24) L5 AR-1248-4	6.051	5.120	768666	517374	40.727	18.319 #
25) L5 AR-1248-5	6.248	5.610	1003311	2103553	81.549	128.286 #
26) L6 AR-1254-1	6.199	5.081	2020893	1501153	58.148	32.311 #
27) L6 AR-1254-2	6.468	5.224	1264389	1742158	55.688	44.332
28) L6 AR-1254-3	6.558	5.610	1903227	2103553	50.451	32.876 #
29) L6 AR-1254-4	6.833	5.834	921705	717567	29.821	13.884 #
30) L6 AR-1254-5	7.098	6.135	557005	487287	24.544	16.306 #
31) L7 AR-1260-1	6.715	5.734	965613	1048514	37.381	26.257 #
32) L7 AR-1260-2	6.964	5.921	1618151	1128337	46.683	20.979 #
33) L7 AR-1260-3	7.319	6.236	383775	1328856	13.588	24.318 #
34) L7 AR-1260-4	7.841	6.763	516754	802731	7.843	7.317
35) L7 AR-1260-5	8.114	7.098	729078	1028875	18.009	13.333 #
36) L8 AR-1262-1	6.715	5.921	965613	1128337	46.316	26.600 #
37) L8 AR-1262-2	6.964	6.062	1618151	772201	58.422	19.592 #
38) L8 AR-1262-3	7.243	6.266	1112163	377709	43.229	5.525 #
39) L8 AR-1262-4	7.531	6.517	683108	456457	19.222	8.207 #
40) L8 AR-1262-5	7.841	6.763	516754	802731	6.509	6.213
41) L9 AR-1268-1	8.114	7.032	729078	859132	9.158	6.722 #
42) L9 AR-1268-2	8.191	7.098	429932	1028875	6.022	8.720 #
43) L9 AR-1268-3	8.387	7.287	1215210	1577903	19.307	15.316
44) L9 AR-1268-4	8.751	7.587	255270	221047	9.281	5.374 #
45) L9 AR-1268-5	9.097	7.847	2550505	3070150	12.803	10.221

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Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL

Integration File signal 1: autoint1.e
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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

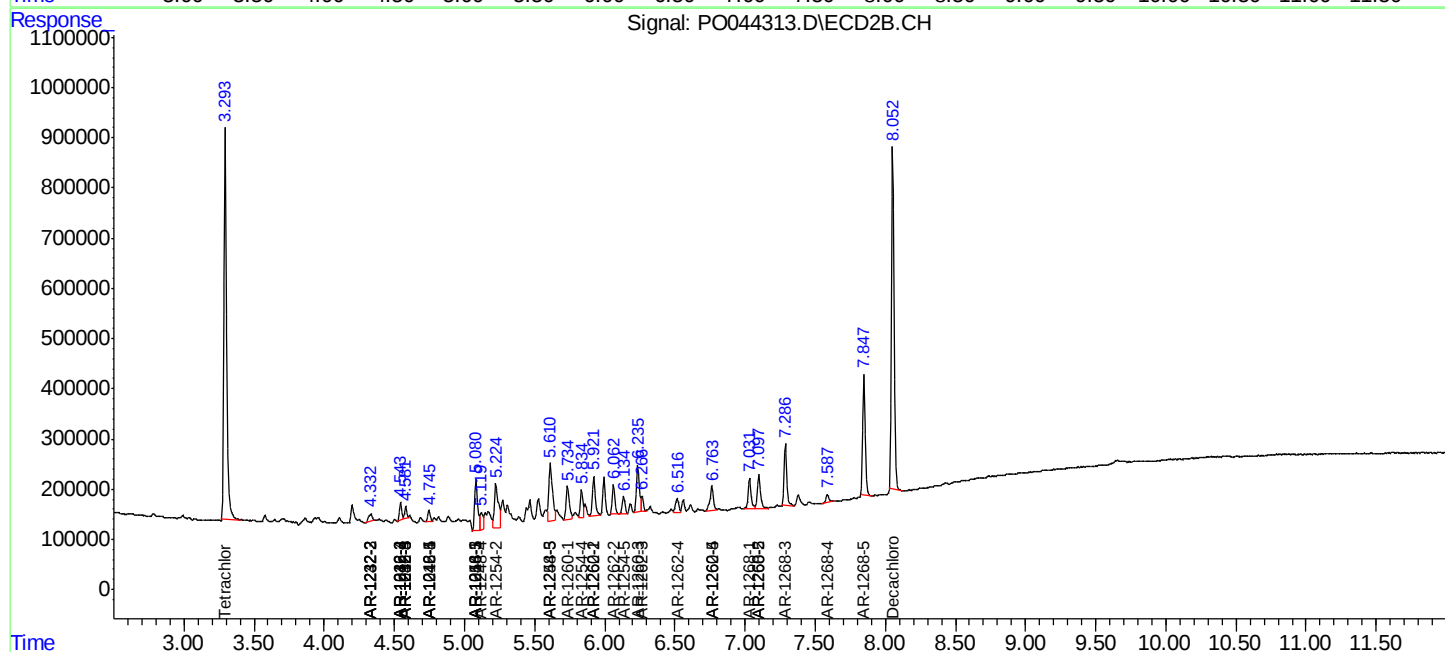
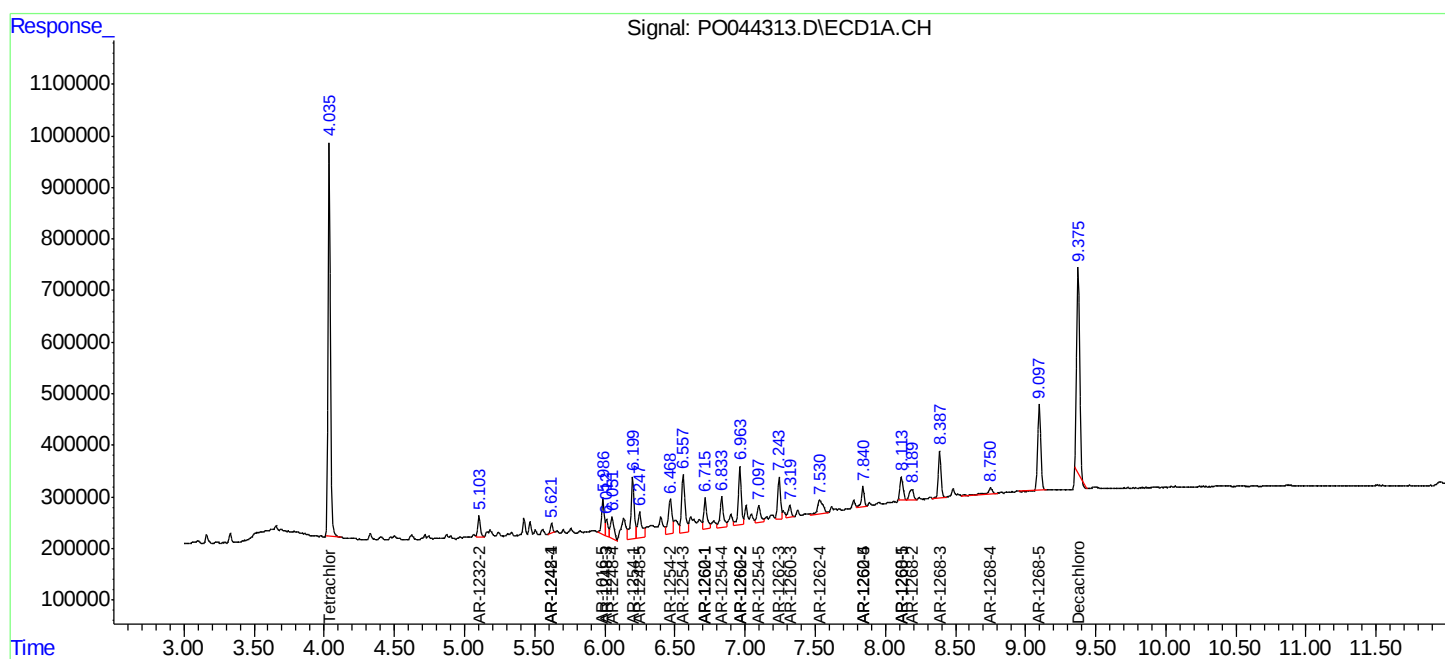
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

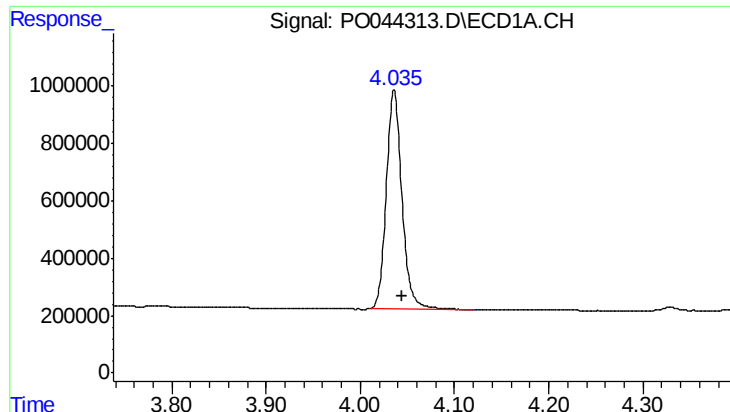
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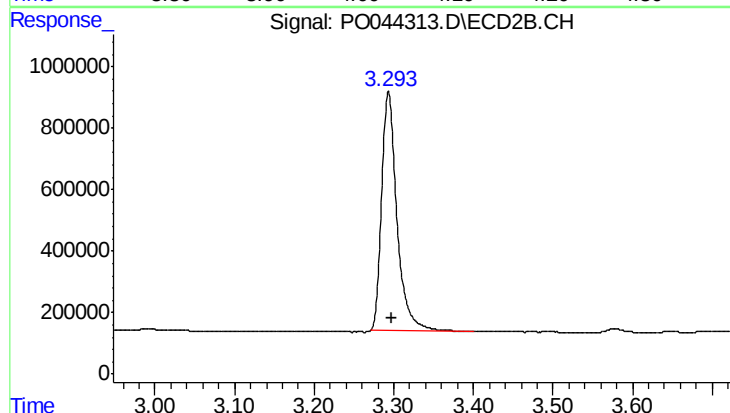




#1 Tetrachloro-m-xylene

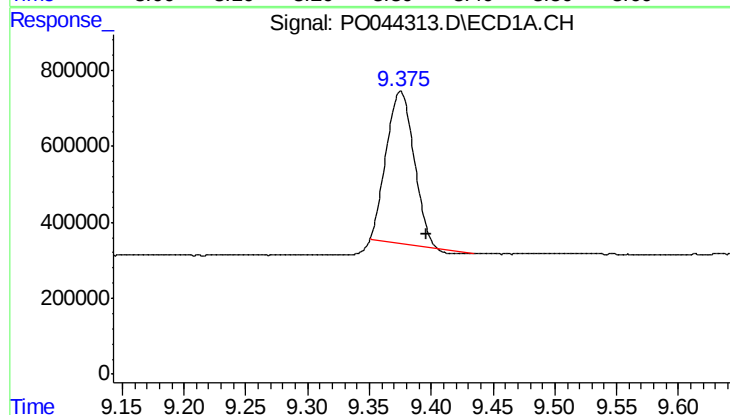
R.T.: 4.036 min
Delta R.T.: -0.008 min
Response: 8800729
Conc: 12.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



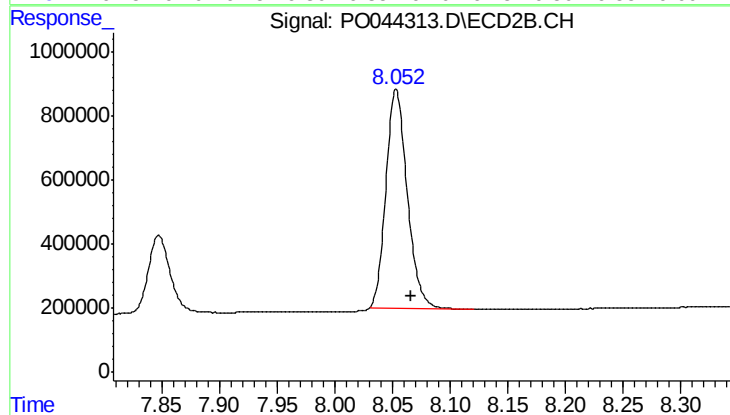
#1 Tetrachloro-m-xylene

R.T.: 3.293 min
Delta R.T.: -0.005 min
Response: 10370353
Conc: 10.72 ng/ml



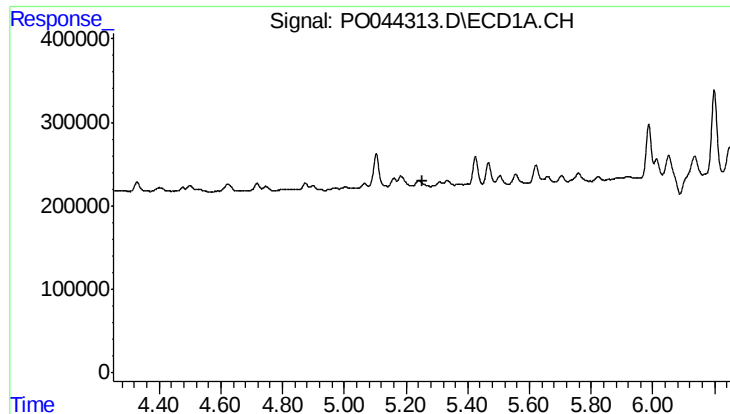
#2 Decachlorobiphenyl

R.T.: 9.375 min
Delta R.T.: -0.021 min
Response: 6186814
Conc: 10.04 ng/ml



#2 Decachlorobiphenyl

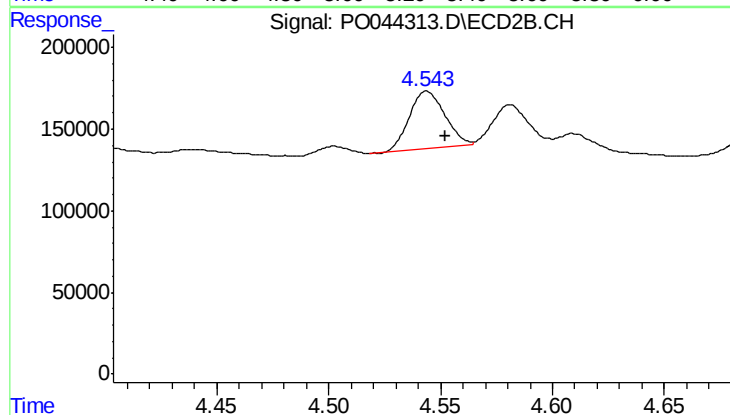
R.T.: 8.053 min
Delta R.T.: -0.013 min
Response: 8731144
Conc: 10.52 ng/ml



#4 AR-1016-2

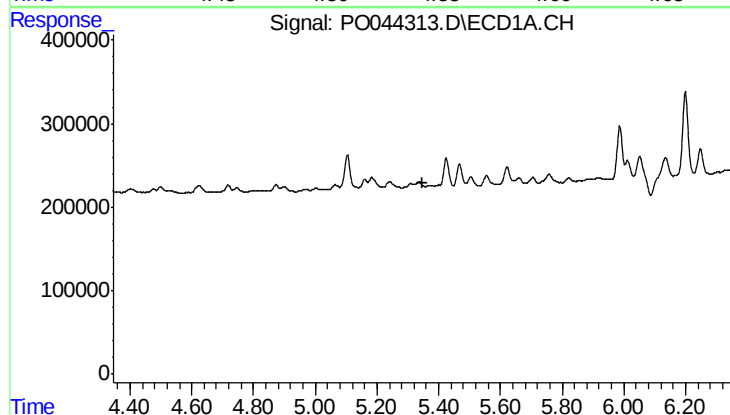
R.T.: 0.000 min
Exp R.T.: 5.252 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



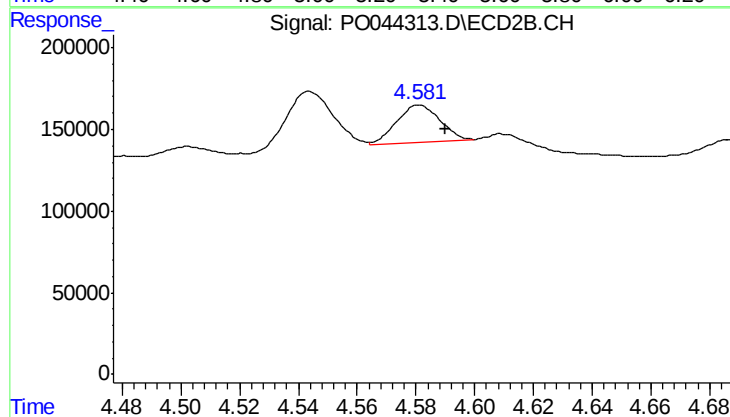
#4 AR-1016-2

R.T.: 4.544 min
Delta R.T.: -0.008 min
Response: 391895
Conc: 24.37 ng/ml



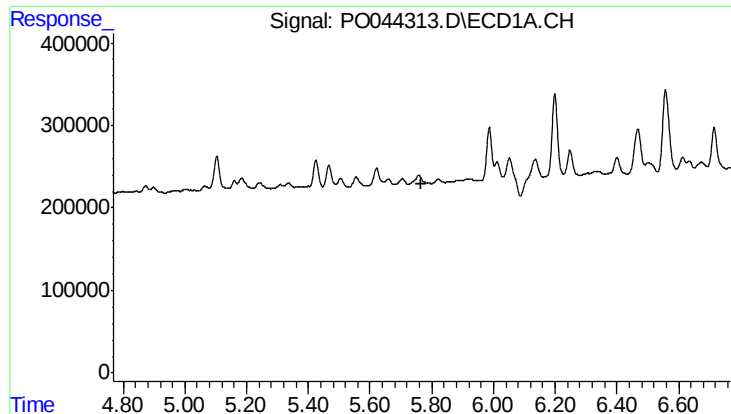
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 5.346 min
Response: 0
Conc: N.D.



#5 AR-1016-3

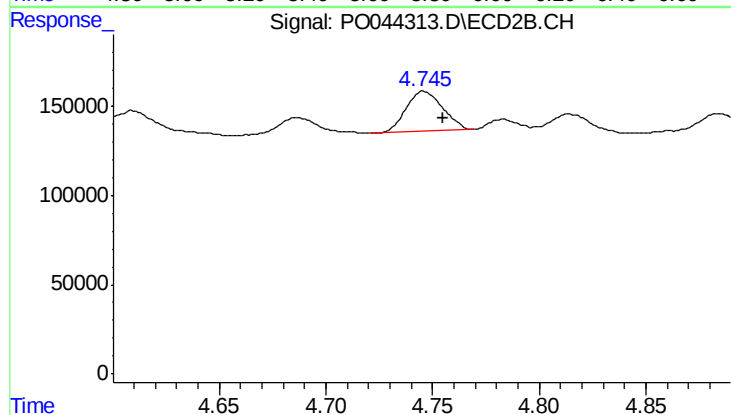
R.T.: 4.581 min
Delta R.T.: -0.009 min
Response: 233914
Conc: 12.11 ng/ml



#6 AR-1016-4

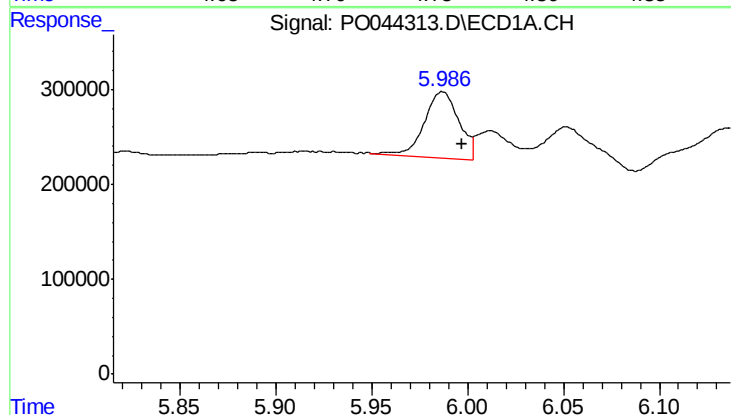
R.T.: 0.000 min
Exp R.T.: 5.768 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



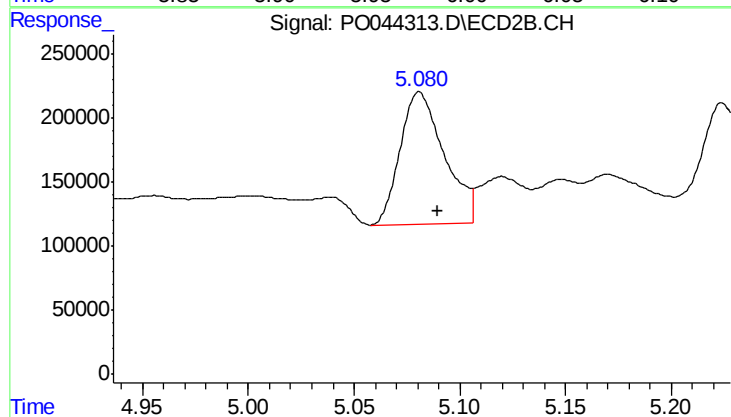
#6 AR-1016-4

R.T.: 4.746 min
Delta R.T.: -0.009 min
Response: 264562
Conc: 12.93 ng/ml



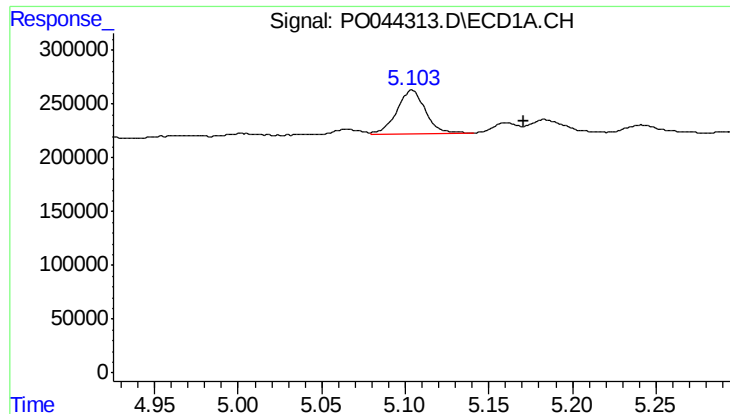
#7 AR-1016-5

R.T.: 5.987 min
Delta R.T.: -0.011 min
Response: 874180
Conc: 72.25 ng/ml



#7 AR-1016-5

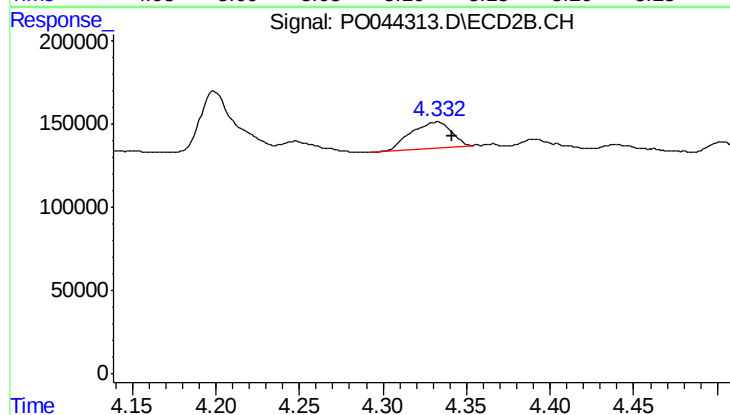
R.T.: 5.081 min
Delta R.T.: -0.009 min
Response: 1501153
Conc: 71.93 ng/ml



#12 AR-1232-2

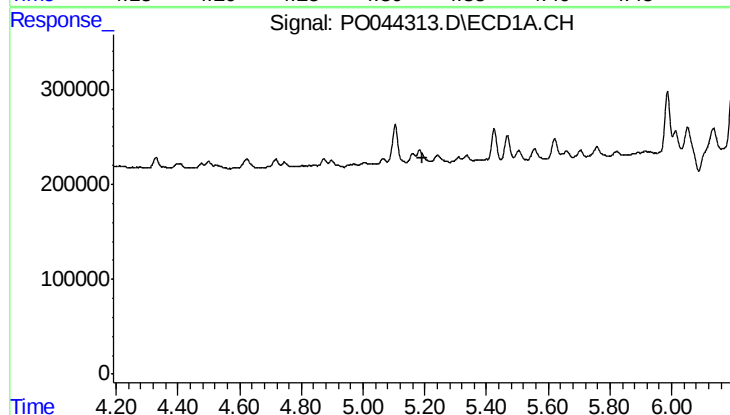
R.T.: 5.104 min
Delta R.T.: -0.067 min
Response: 500382
Conc: 66.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



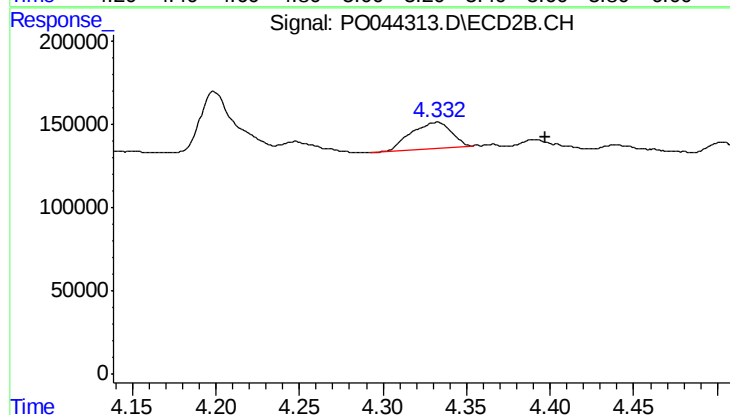
#12 AR-1232-2

R.T.: 4.332 min
Delta R.T.: -0.009 min
Response: 263890
Conc: 9.38 ng/ml



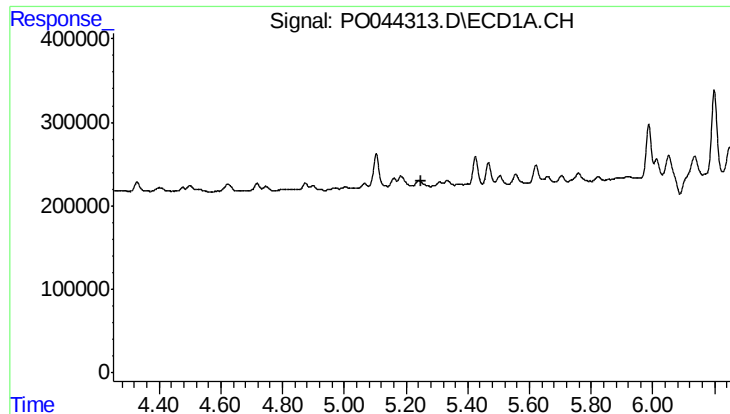
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.191 min
Response: 0
Conc: N.D.



#13 AR-1232-3

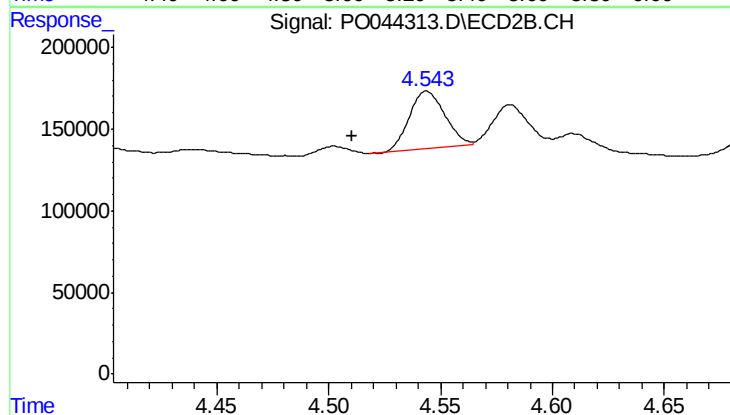
R.T.: 4.332 min
Delta R.T.: -0.065 min
Response: 263890
Conc: 22.89 ng/ml



#14 AR-1232-4

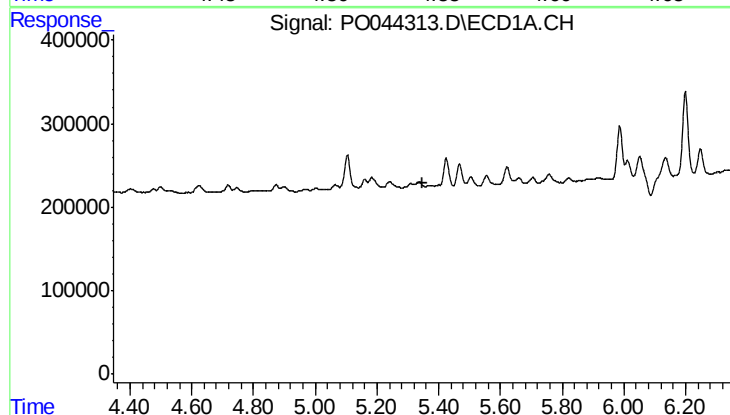
R.T.: 0.000 min
Exp R.T.: 5.252 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



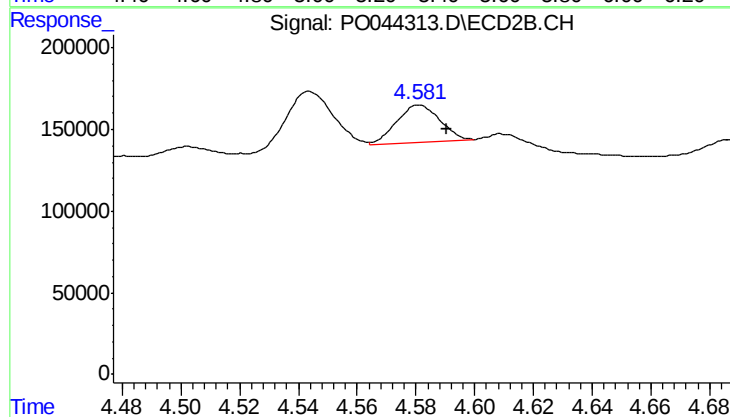
#14 AR-1232-4

R.T.: 4.544 min
Delta R.T.: 0.034 min
Response: 391895
Conc: 45.99 ng/ml



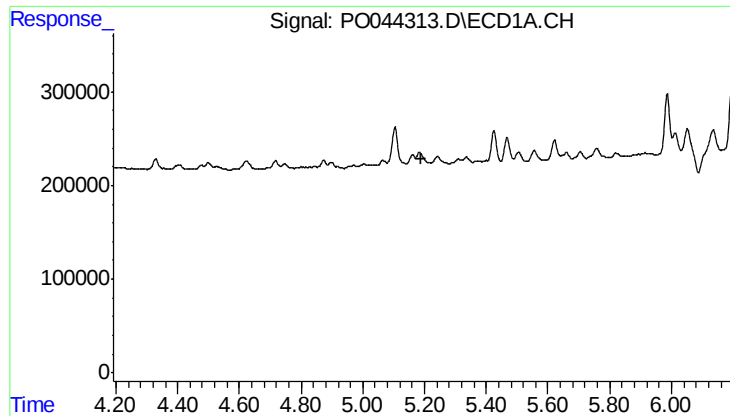
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.346 min
Response: 0
Conc: N.D.



#15 AR-1232-5

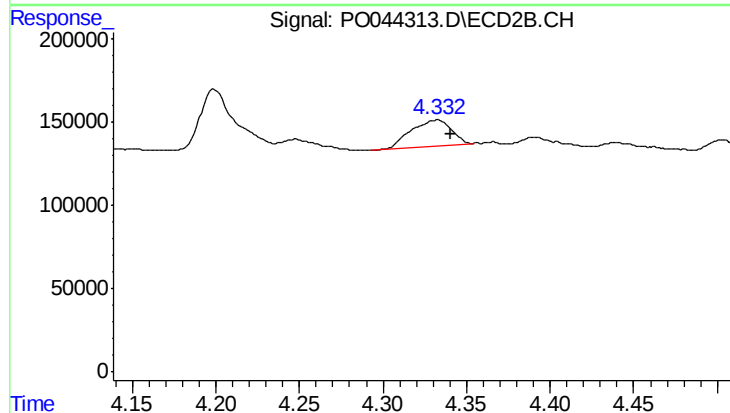
R.T.: 4.581 min
Delta R.T.: -0.010 min
Response: 233914
Conc: 31.87 ng/ml



#17 AR-1242-2

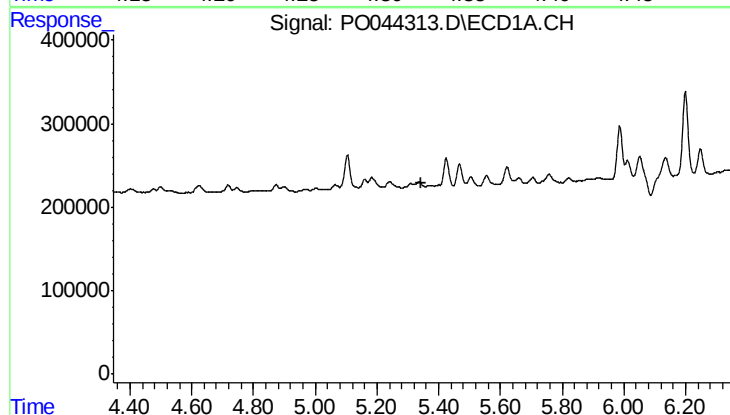
R.T.: 0.000 min
Exp R.T.: 5.191 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



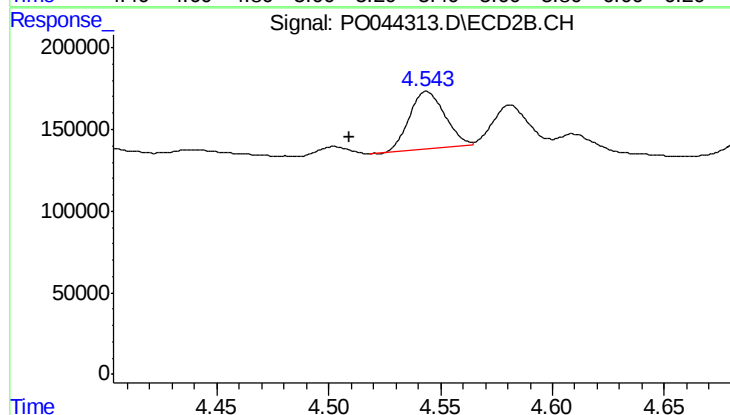
#17 AR-1242-2

R.T.: 4.332 min
Delta R.T.: -0.008 min
Response: 263890
Conc: 5.86 ng/ml



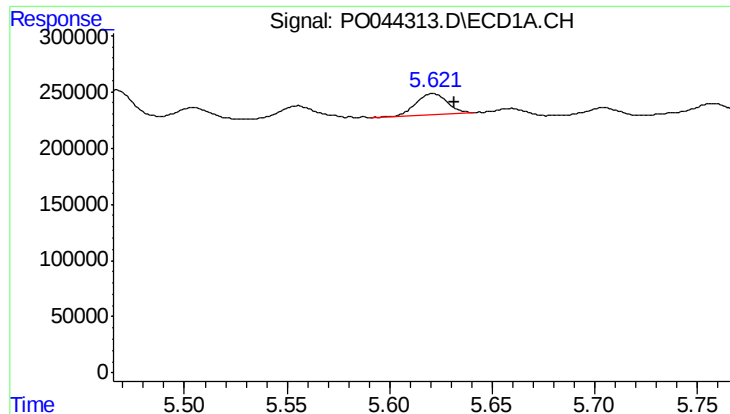
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.346 min
Response: 0
Conc: N.D.



#18 AR-1242-3

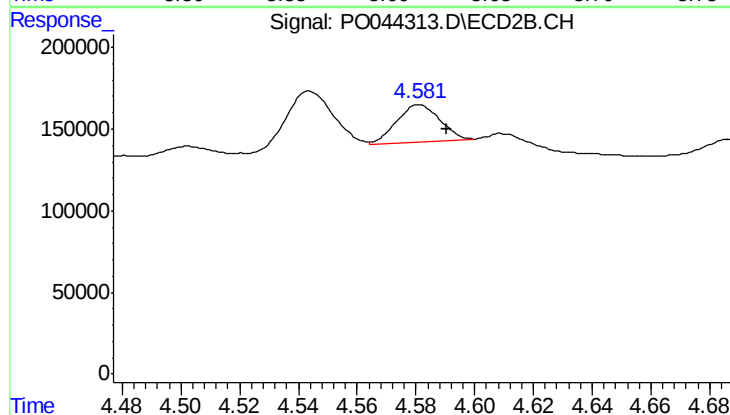
R.T.: 4.544 min
Delta R.T.: 0.034 min
Response: 391895
Conc: 28.59 ng/ml



#19 AR-1242-4

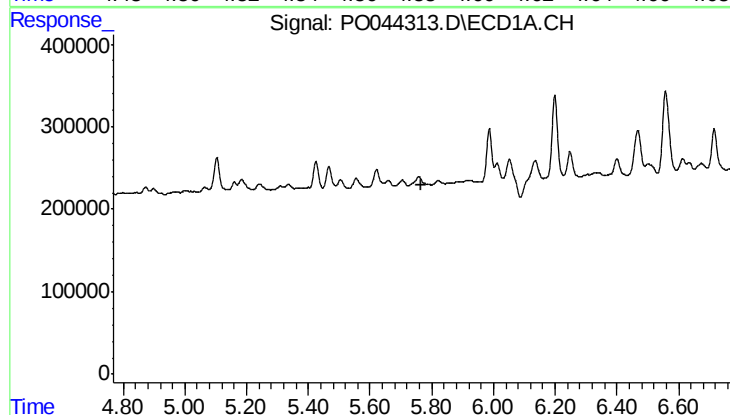
R.T.: 5.621 min
Delta R.T.: -0.010 min
Response: 194992
Conc: 21.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



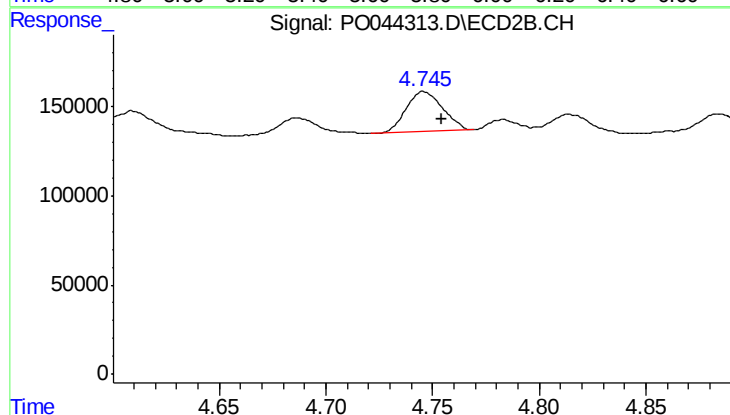
#19 AR-1242-4

R.T.: 4.581 min
Delta R.T.: -0.009 min
Response: 233914
Conc: 18.28 ng/ml



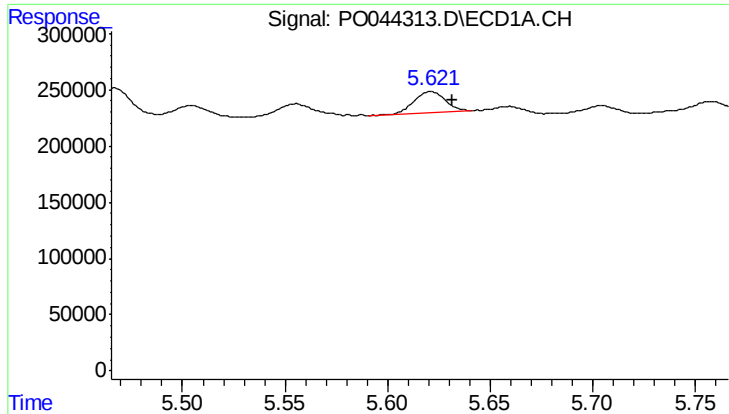
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 5.768 min
Response: 0
Conc: N.D.



#20 AR-1242-5

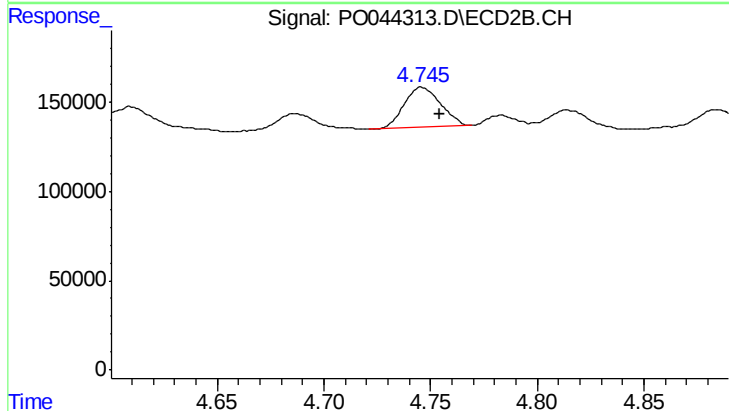
R.T.: 4.746 min
Delta R.T.: -0.008 min
Response: 264562
Conc: 19.57 ng/ml



#21 AR-1248-1

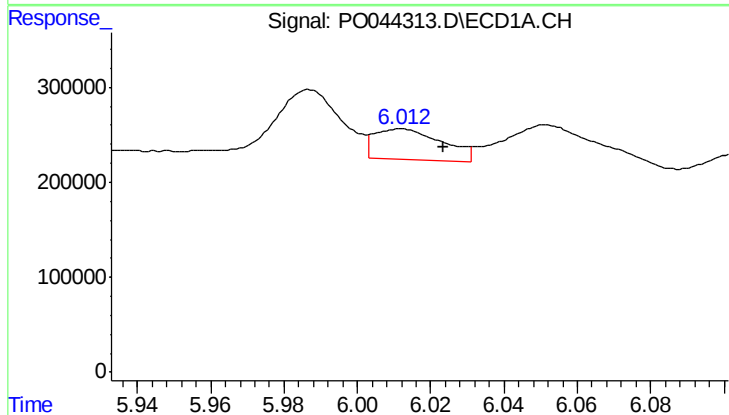
R.T.: 5.621 min
Delta R.T.: -0.011 min
Response: 194992
Conc: 12.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
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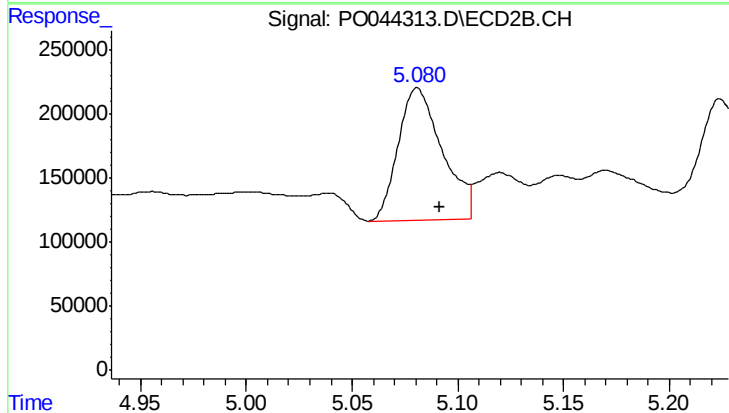
#21 AR-1248-1

R.T.: 4.746 min
Delta R.T.: -0.008 min
Response: 264562
Conc: 11.05 ng/ml



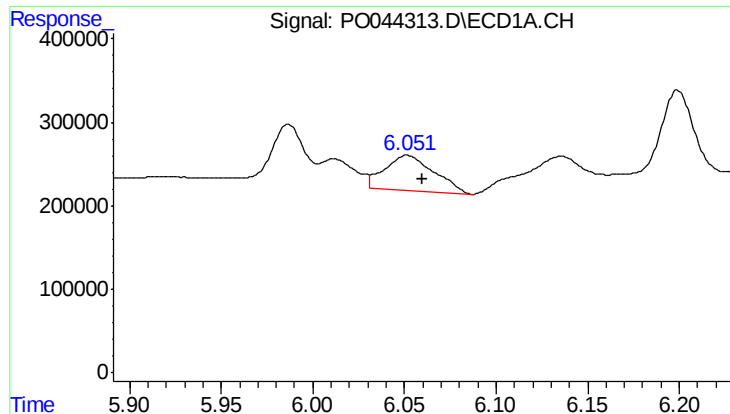
#23 AR-1248-3

R.T.: 6.012 min
Delta R.T.: -0.012 min
Response: 417704
Conc: 22.37 ng/ml



#23 AR-1248-3

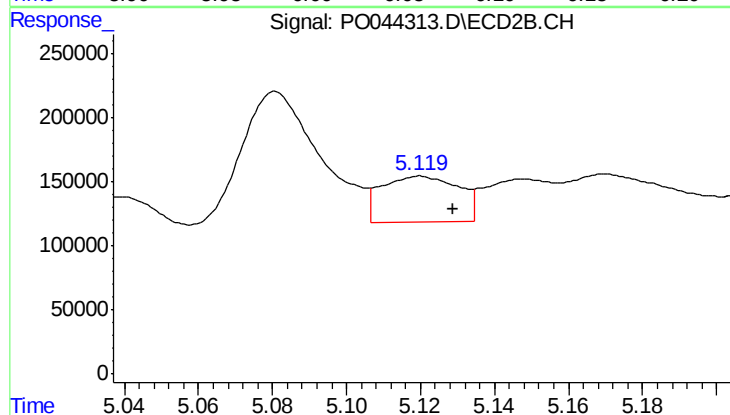
R.T.: 5.081 min
Delta R.T.: -0.011 min
Response: 1501153
Conc: 43.62 ng/ml



#24 AR-1248-4

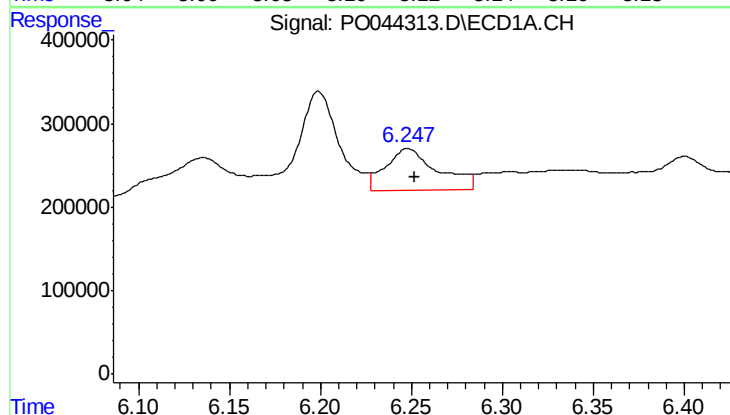
R.T.: 6.051 min
Delta R.T.: -0.009 min
Response: 768666
Conc: 40.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



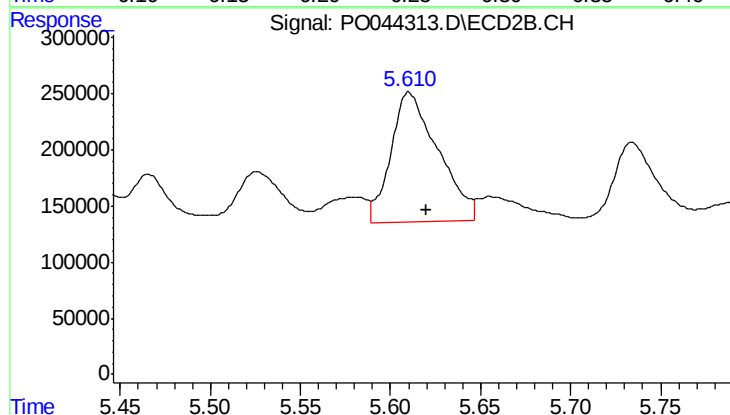
#24 AR-1248-4

R.T.: 5.120 min
Delta R.T.: -0.009 min
Response: 517374
Conc: 18.32 ng/ml



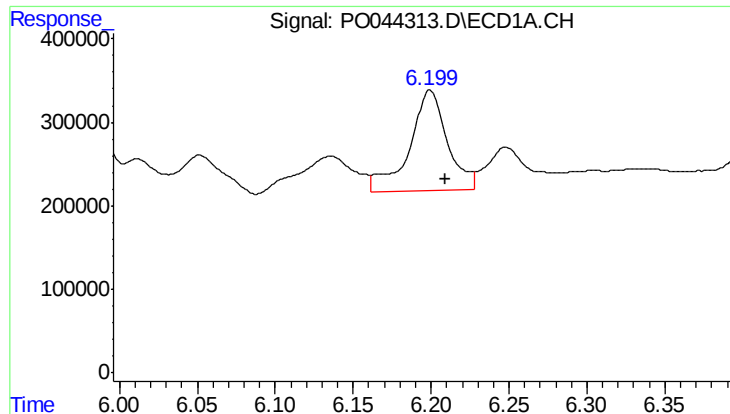
#25 AR-1248-5

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 1003311
Conc: 81.55 ng/ml



#25 AR-1248-5

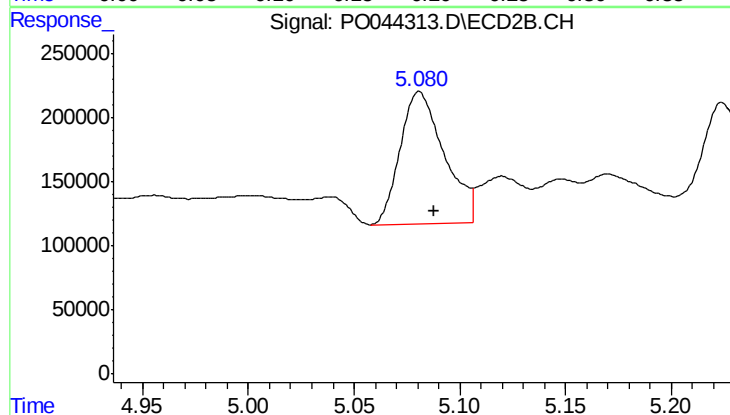
R.T.: 5.610 min
Delta R.T.: -0.010 min
Response: 2103553
Conc: 128.29 ng/ml



#26 AR-1254-1

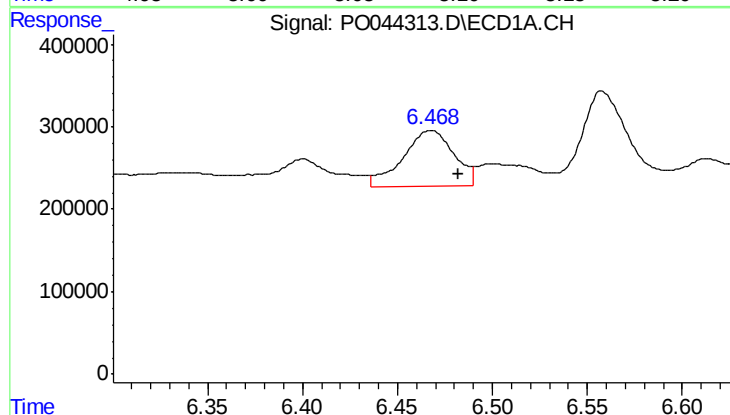
R.T.: 6.199 min
Delta R.T.: -0.010 min
Response: 2020893
Conc: 58.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



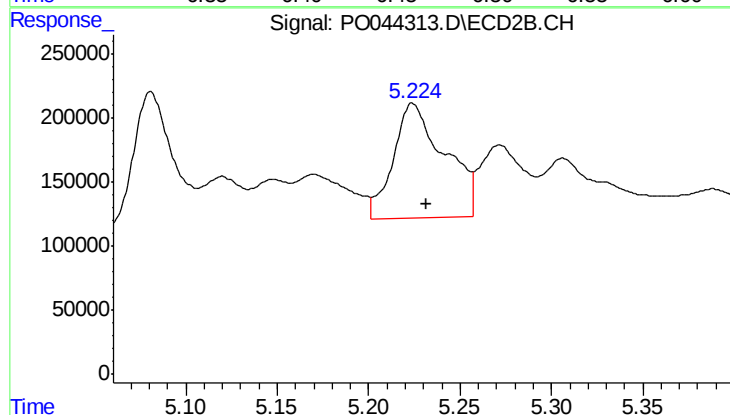
#26 AR-1254-1

R.T.: 5.081 min
Delta R.T.: -0.007 min
Response: 1501153
Conc: 32.31 ng/ml



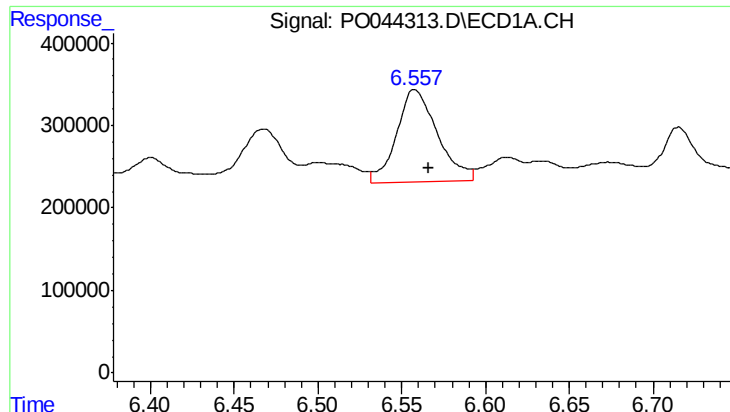
#27 AR-1254-2

R.T.: 6.468 min
Delta R.T.: -0.014 min
Response: 1264389
Conc: 55.69 ng/ml



#27 AR-1254-2

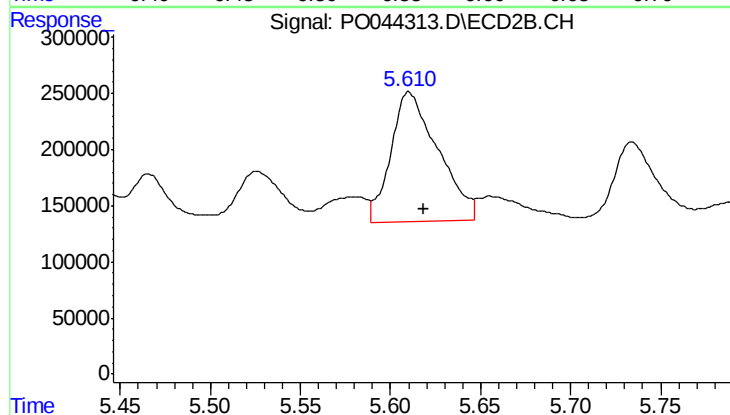
R.T.: 5.224 min
Delta R.T.: -0.008 min
Response: 1742158
Conc: 44.33 ng/ml



#28 AR-1254-3

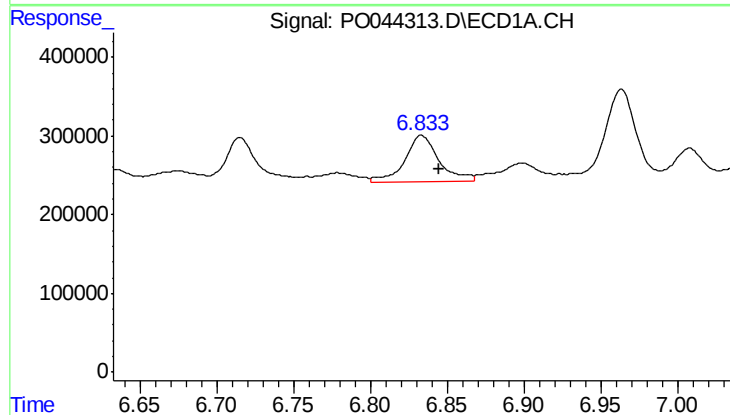
R.T.: 6.558 min
Delta R.T.: -0.009 min
Response: 1903227
Conc: 50.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



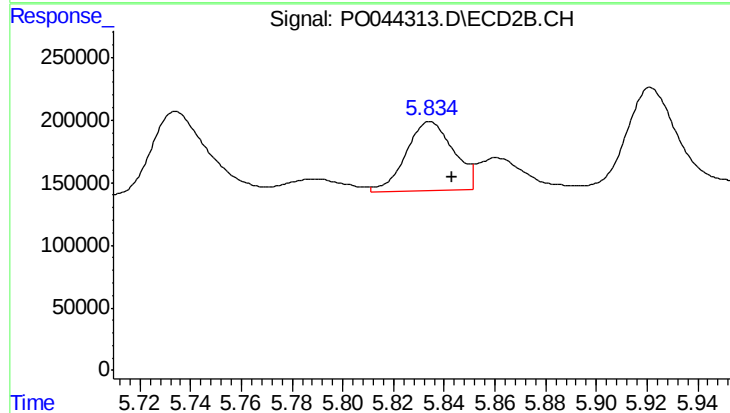
#28 AR-1254-3

R.T.: 5.610 min
Delta R.T.: -0.008 min
Response: 2103553
Conc: 32.88 ng/ml



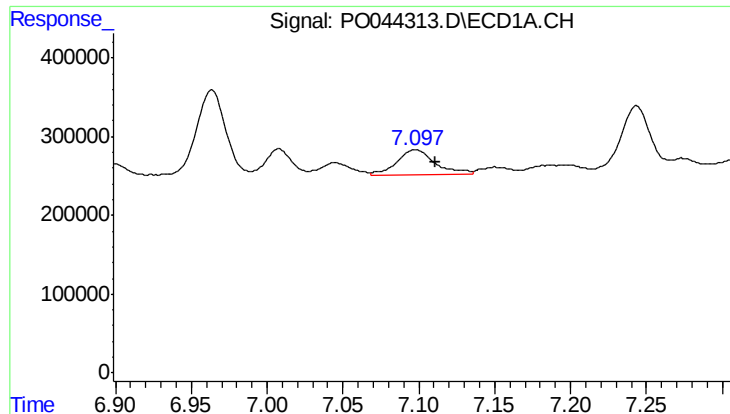
#29 AR-1254-4

R.T.: 6.833 min
Delta R.T.: -0.012 min
Response: 921705
Conc: 29.82 ng/ml



#29 AR-1254-4

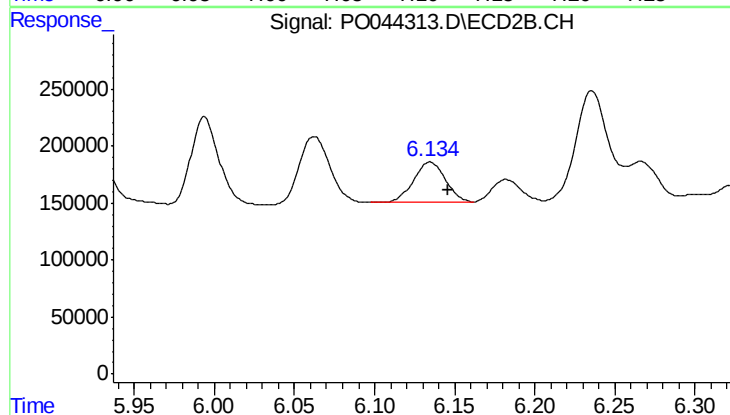
R.T.: 5.834 min
Delta R.T.: -0.009 min
Response: 717567
Conc: 13.88 ng/ml



#30 AR-1254-5

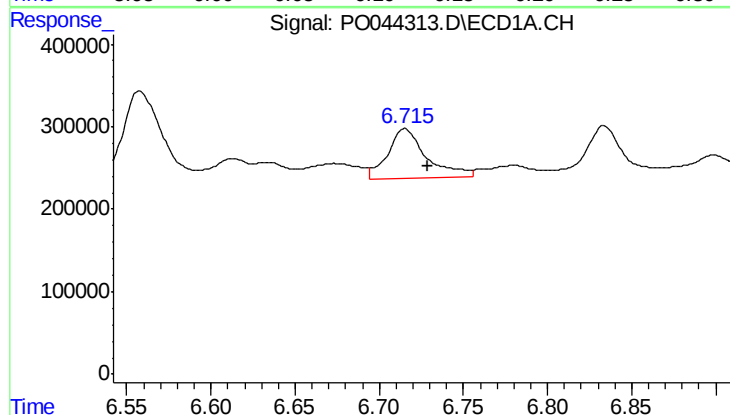
R.T.: 7.098 min
Delta R.T.: -0.013 min
Response: 557005
Conc: 24.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



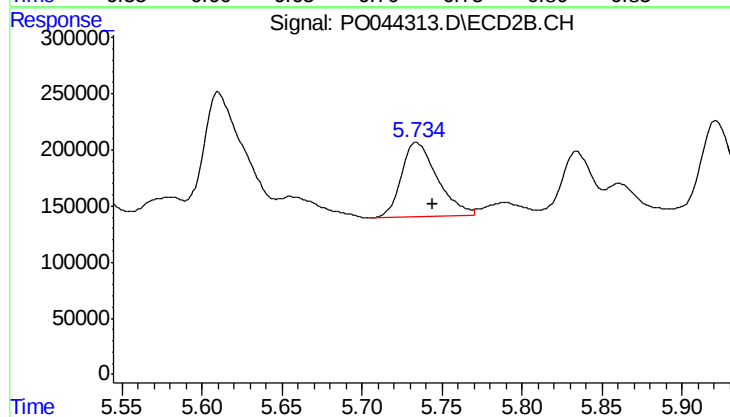
#30 AR-1254-5

R.T.: 6.135 min
Delta R.T.: -0.011 min
Response: 487287
Conc: 16.31 ng/ml



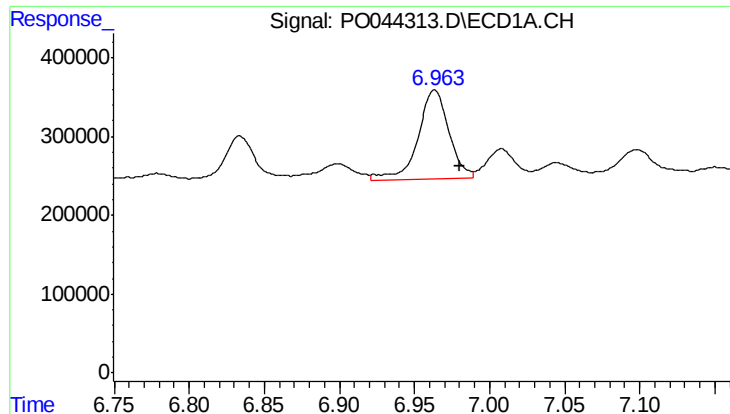
#31 AR-1260-1

R.T.: 6.715 min
Delta R.T.: -0.013 min
Response: 965613
Conc: 37.38 ng/ml



#31 AR-1260-1

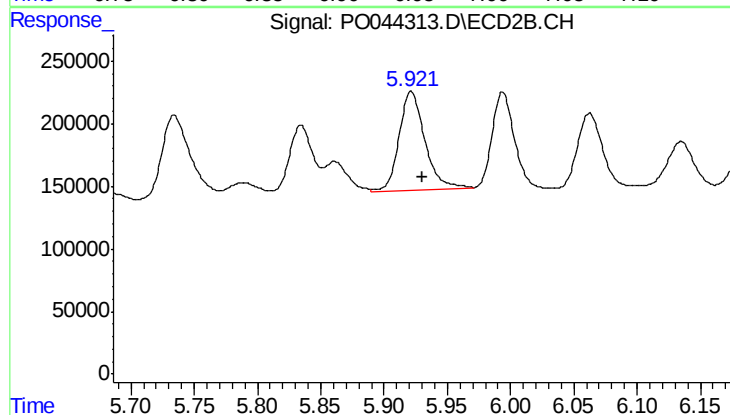
R.T.: 5.734 min
Delta R.T.: -0.010 min
Response: 1048514
Conc: 26.26 ng/ml



#32 AR-1260-2

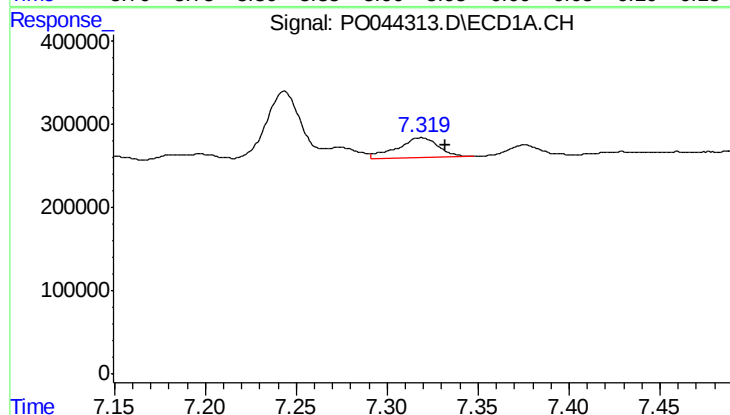
R.T.: 6.964 min
Delta R.T.: -0.016 min
Response: 1618151
Conc: 46.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



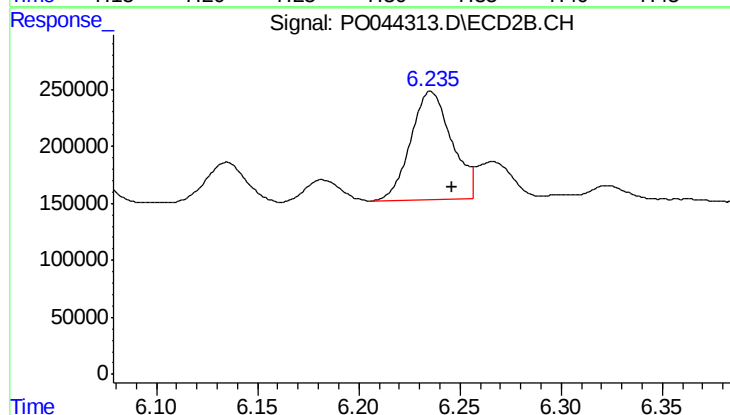
#32 AR-1260-2

R.T.: 5.921 min
Delta R.T.: -0.009 min
Response: 1128337
Conc: 20.98 ng/ml



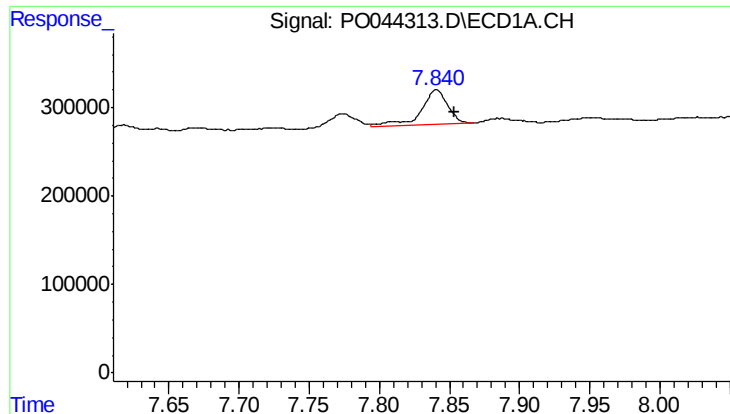
#33 AR-1260-3

R.T.: 7.319 min
Delta R.T.: -0.013 min
Response: 383775
Conc: 13.59 ng/ml



#33 AR-1260-3

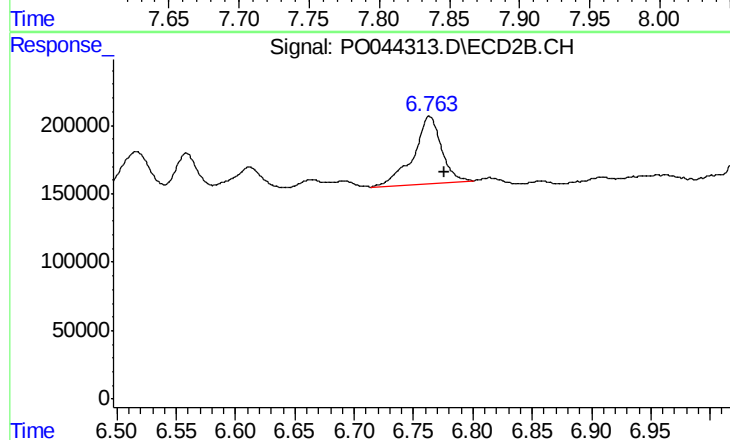
R.T.: 6.236 min
Delta R.T.: -0.011 min
Response: 1328856
Conc: 24.32 ng/ml



#34 AR-1260-4

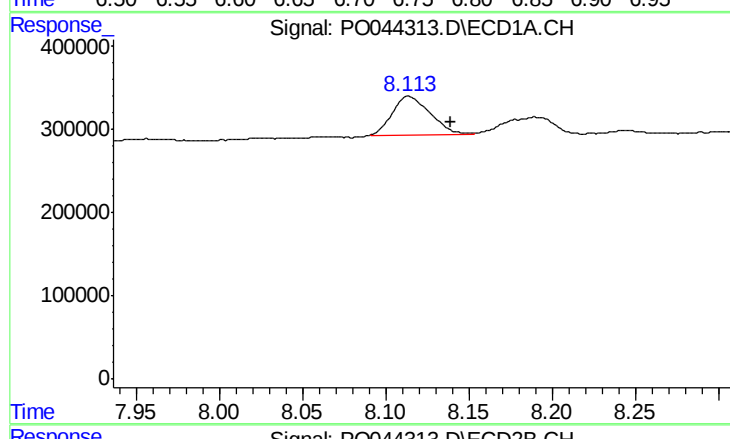
R.T.: 7.841 min
Delta R.T.: -0.013 min
Response: 516754
Conc: 7.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



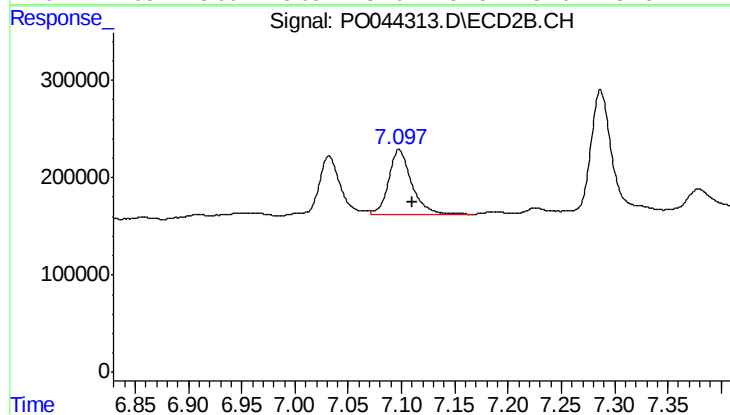
#34 AR-1260-4

R.T.: 6.763 min
Delta R.T.: -0.012 min
Response: 802731
Conc: 7.32 ng/ml



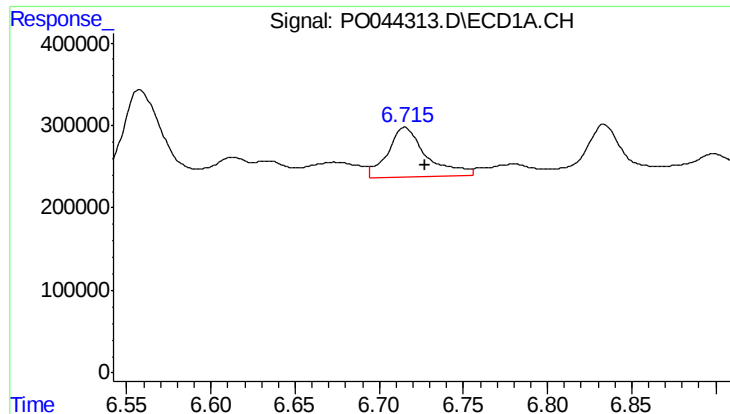
#35 AR-1260-5

R.T.: 8.114 min
Delta R.T.: -0.025 min
Response: 729078
Conc: 18.01 ng/ml



#35 AR-1260-5

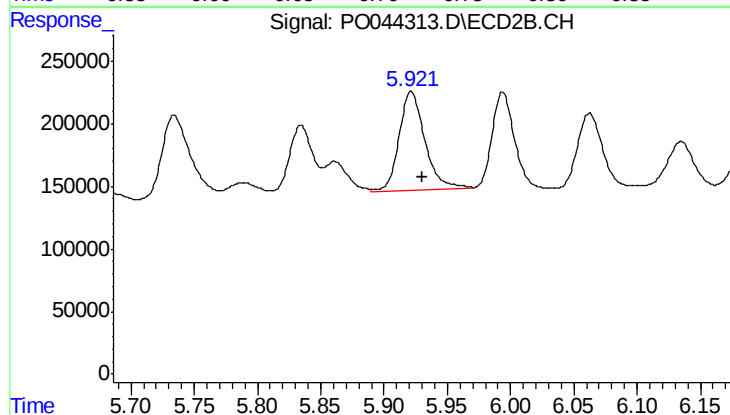
R.T.: 7.098 min
Delta R.T.: -0.012 min
Response: 1028875
Conc: 13.33 ng/ml



#36 AR-1262-1

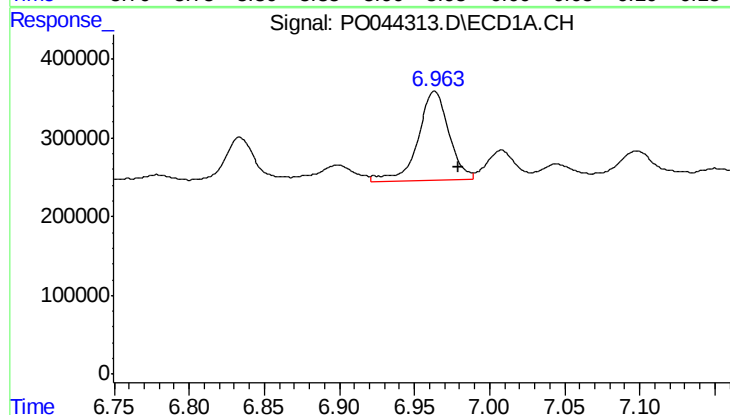
R.T.: 6.715 min
Delta R.T.: -0.012 min
Response: 965613
Conc: 46.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



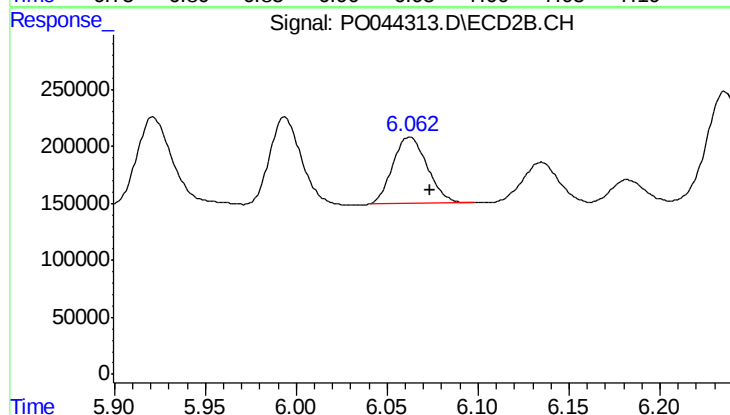
#36 AR-1262-1

R.T.: 5.921 min
Delta R.T.: -0.009 min
Response: 1128337
Conc: 26.60 ng/ml



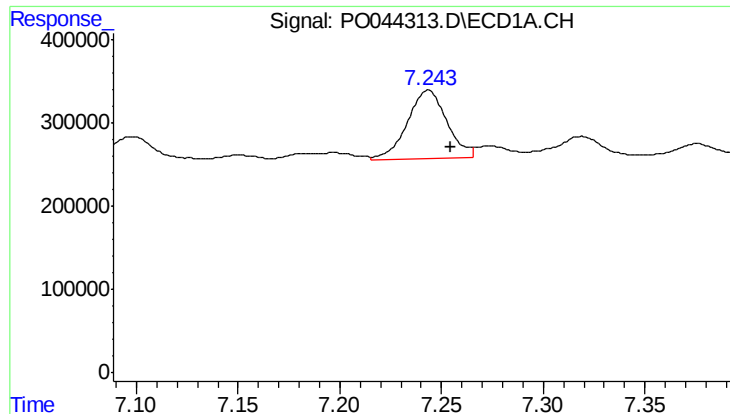
#37 AR-1262-2

R.T.: 6.964 min
Delta R.T.: -0.015 min
Response: 1618151
Conc: 58.42 ng/ml



#37 AR-1262-2

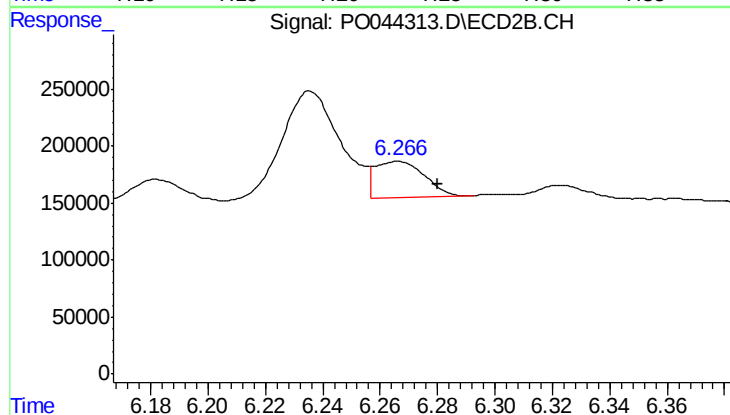
R.T.: 6.062 min
Delta R.T.: -0.011 min
Response: 772201
Conc: 19.59 ng/ml



#38 AR-1262-3

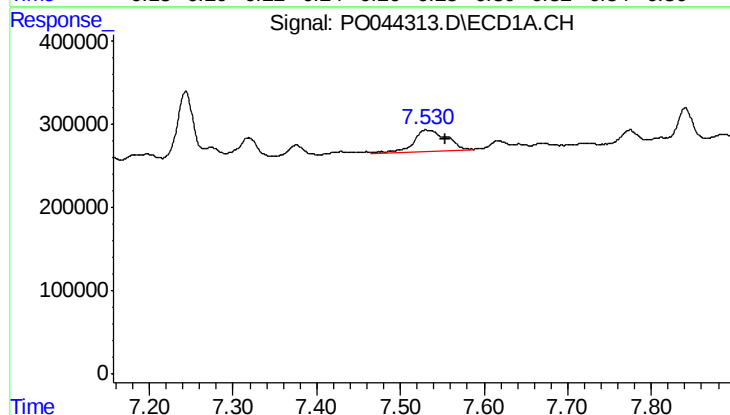
R.T.: 7.243 min
Delta R.T.: -0.011 min
Response: 1112163
Conc: 43.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



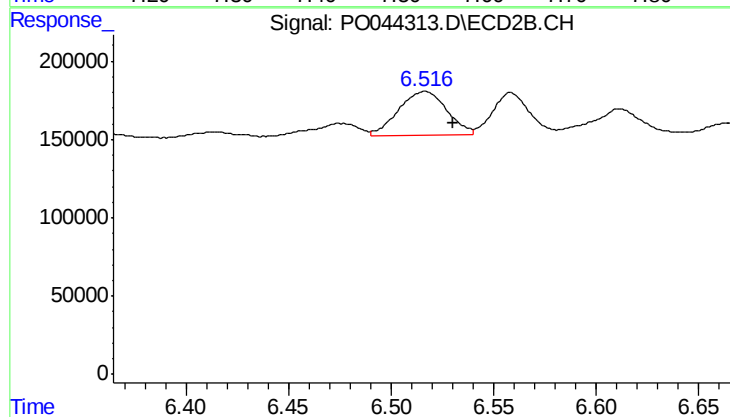
#38 AR-1262-3

R.T.: 6.266 min
Delta R.T.: -0.014 min
Response: 377709
Conc: 5.52 ng/ml



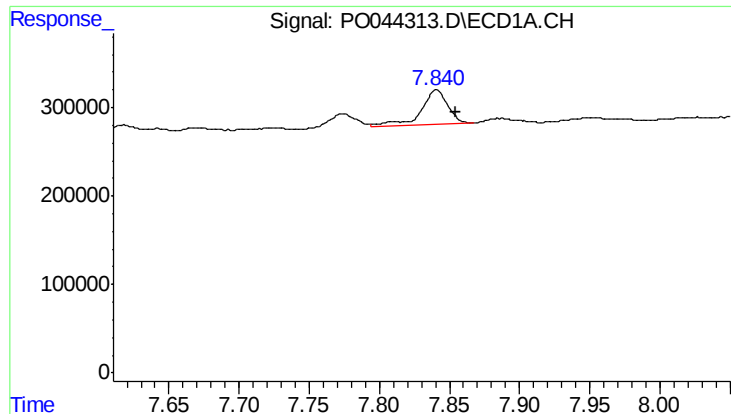
#39 AR-1262-4

R.T.: 7.531 min
Delta R.T.: -0.024 min
Response: 683108
Conc: 19.22 ng/ml



#39 AR-1262-4

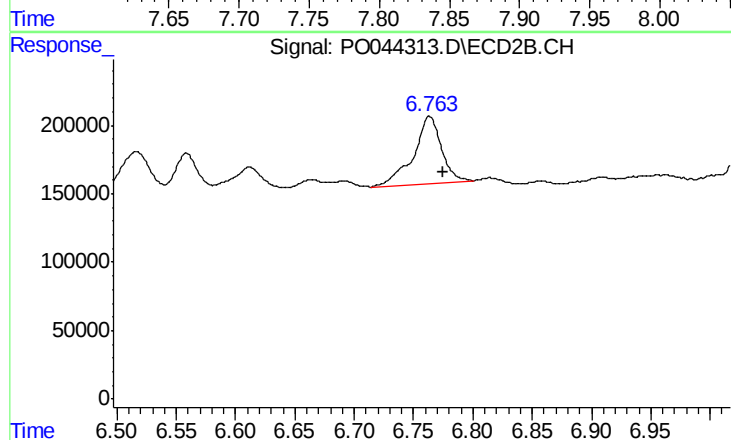
R.T.: 6.517 min
Delta R.T.: -0.014 min
Response: 456457
Conc: 8.21 ng/ml



#40 AR-1262-5

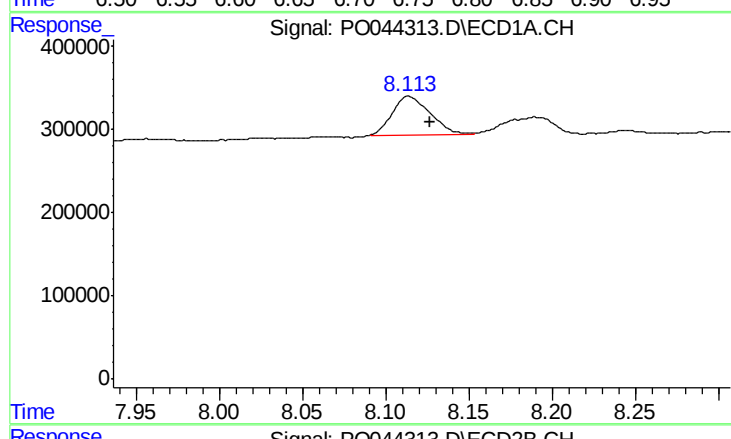
R.T.: 7.841 min
Delta R.T.: -0.014 min
Response: 516754
Conc: 6.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



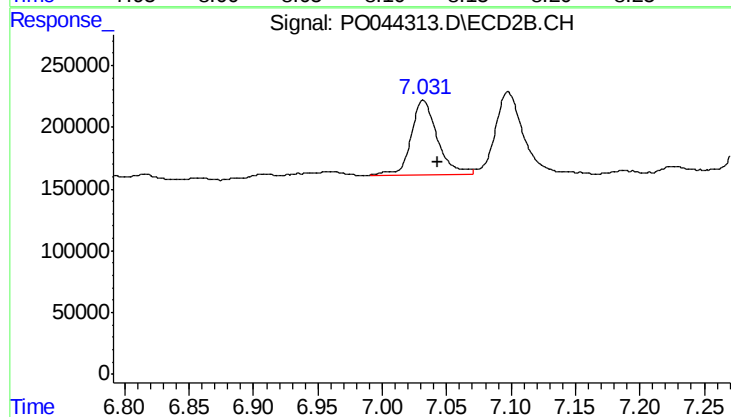
#40 AR-1262-5

R.T.: 6.763 min
Delta R.T.: -0.011 min
Response: 802731
Conc: 6.21 ng/ml



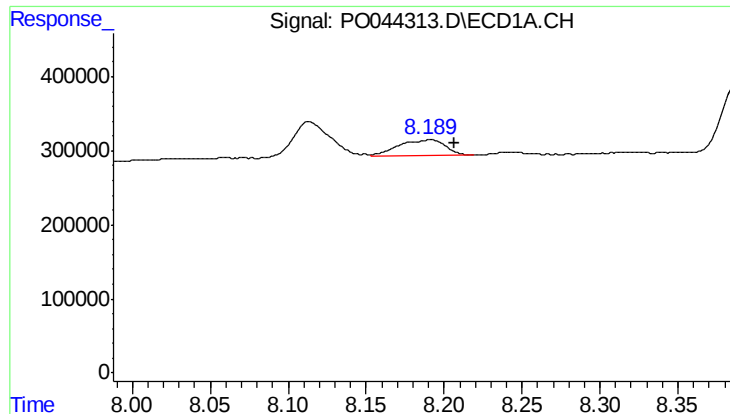
#41 AR-1268-1

R.T.: 8.114 min
Delta R.T.: -0.013 min
Response: 729078
Conc: 9.16 ng/ml



#41 AR-1268-1

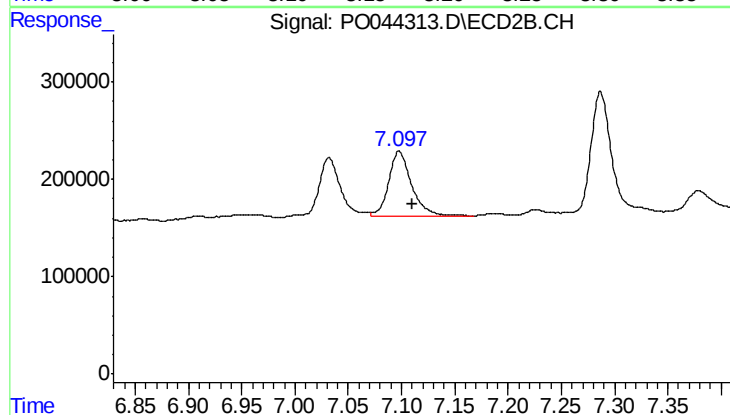
R.T.: 7.032 min
Delta R.T.: -0.011 min
Response: 859132
Conc: 6.72 ng/ml



#42 AR-1268-2

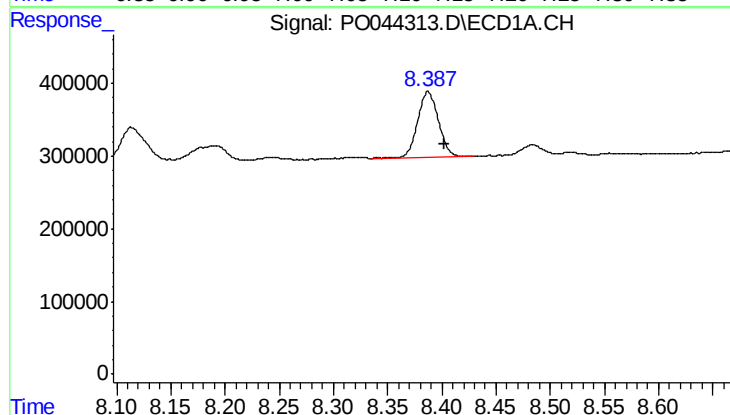
R.T.: 8.191 min
Delta R.T.: -0.016 min
Response: 429932
Conc: 6.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



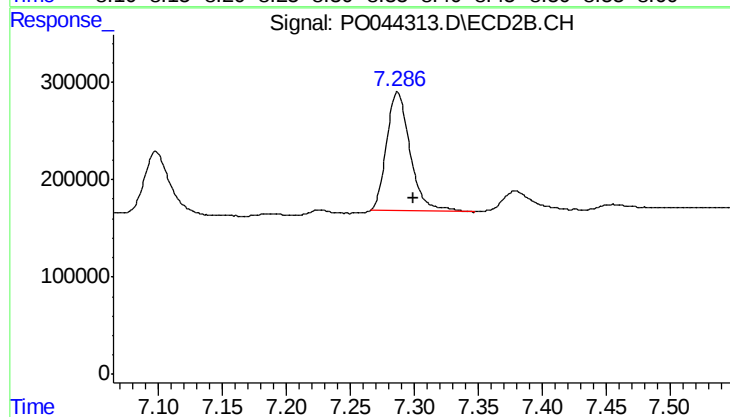
#42 AR-1268-2

R.T.: 7.098 min
Delta R.T.: -0.012 min
Response: 1028875
Conc: 8.72 ng/ml



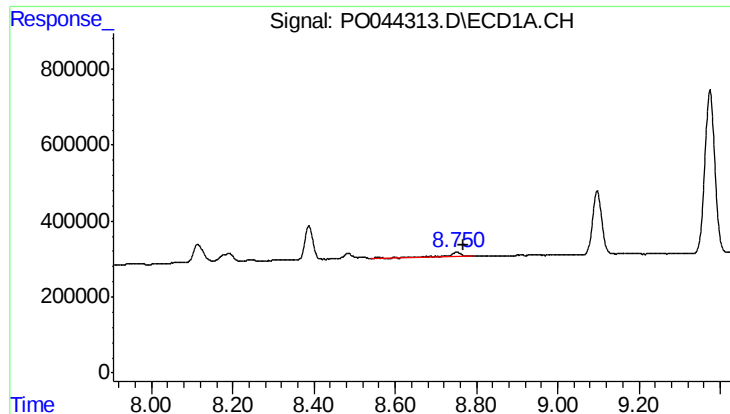
#43 AR-1268-3

R.T.: 8.387 min
Delta R.T.: -0.016 min
Response: 1215210
Conc: 19.31 ng/ml



#43 AR-1268-3

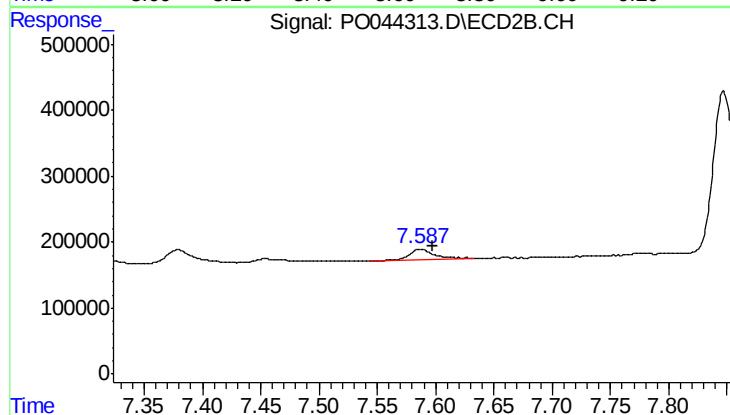
R.T.: 7.287 min
Delta R.T.: -0.012 min
Response: 1577903
Conc: 15.32 ng/ml



#44 AR-1268-4

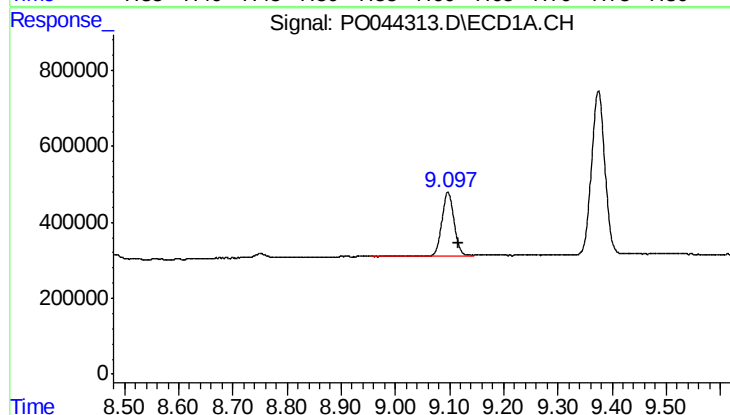
R.T.: 8.751 min
Delta R.T.: -0.018 min
Response: 255270
Conc: 9.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
HOPE-CREEK-SOIL



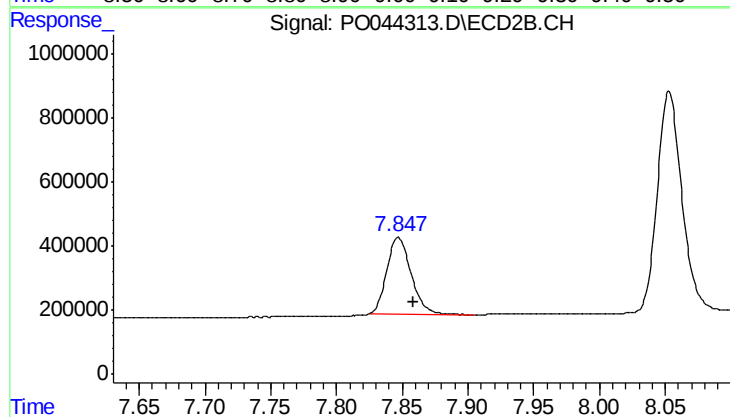
#44 AR-1268-4

R.T.: 7.587 min
Delta R.T.: -0.011 min
Response: 221047
Conc: 5.37 ng/ml



#45 AR-1268-5

R.T.: 9.097 min
Delta R.T.: -0.019 min
Response: 2550505
Conc: 12.80 ng/ml



#45 AR-1268-5

R.T.: 7.847 min
Delta R.T.: -0.012 min
Response: 3070150
Conc: 10.22 ng/ml