

Data Path : P:\HPCHEM1\ECD P\Data\PP092115\
 Data File : PP011767.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Sep 2015 13:04
 Operator : IZ/UA
 Sample : AR1221 L00 SOIL
 Misc : 100PPM, ECD P
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1221 LOQ SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 00:47:22 2015
 Quant Method : P:\HPCHEM1\ECD_P\methods\PP090315.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 19 00:23:08 2015
 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...	5.170	4.186	616896	784550	14.108	13.663
2) SA Decachlor...	11.496	9.281	550766	886593	14.399	15.610
Target Compounds						
3) L1 AR-1016-1	0.000	5.062	0	9608	N.D.	6.709 #
4) L1 AR-1016-2	0.000	5.467	0	3436	N.D.	2.344 #
5) L1 AR-1016-3	0.000	5.467	0	3436	N.D.	2.967 #
7) L1 AR-1016-5	0.000	5.695	0	1316	N.D.	0.852 #
8) L2 AR-1221-1	5.396	4.399	94383	50681	219.012	88.263 #
9) L2 AR-1221-2	0.000	4.487	0	125813	N.D.	296.011 #
10) L2 AR-1221-3	5.548	4.565	82934	108979	78.081	81.211
11) L3 AR-1232-1	5.548	4.565	82934	108979	94.832	96.136
12) L3 AR-1232-2	0.000	5.062	0	9608	N.D.	16.339 #
13) L3 AR-1232-3	0.000	5.467	0	3436	N.D.	5.813 #
14) L3 AR-1232-4	0.000	5.695	0	1316	N.D.	2.200 #
15) L3 AR-1232-5	0.000	6.103	0	31899	N.D.	46.955 #
16) L4 AR-1242-1	0.000	5.062	0	9608	N.D.	8.202 #
17) L4 AR-1242-2	0.000	5.359	0	13664	N.D.	8.212 #
18) L4 AR-1242-3	0.000	5.695	0	1316	N.D.	0.989 #
19) L4 AR-1242-4	0.000	6.103	0	31899	N.D.	20.603 #
20) L4 AR-1242-5	0.000	6.103	0	31899	N.D.	24.184 #
21) L5 AR-1248-1	0.000	5.294	0	30562	N.D.	24.004 #
22) L5 AR-1248-2	0.000	5.294	0	30562	N.D.	25.878 #
23) L5 AR-1248-3	0.000	5.467	0	3436	N.D.	2.080 #
25) L5 AR-1248-5	0.000	6.103	0	31899	N.D.	10.889 #
26) L6 AR-1254-1	0.000	6.103	0	31899	N.D.	9.574 #
27) L6 AR-1254-2	0.000	6.219	0	3363	N.D.	1.166 #
28) L6 AR-1254-3	0.000	6.535	0	51473	N.D.	21.831 #
29) L6 AR-1254-4	0.000	6.624	0	84957	N.D.	17.754 #
30) L6 AR-1254-5	0.000	7.274	0	21230	N.D.	5.108 #
31) L7 AR-1260-1	0.000	6.743	0	100710	N.D.	32.070 #
32) L7 AR-1260-2	0.000	6.947	0	134490	N.D.	34.786 #
33) L7 AR-1260-3	0.000	7.147	0	138999	N.D.	39.548 #
34) L7 AR-1260-4	0.000	7.745	0	123960	N.D.	17.945 #
35) L7 AR-1260-5	0.000	8.138	0	75123	N.D.	14.842 #
36) L8 AR-1262-1	0.000	6.947	0	134490	N.D.	37.158 #
37) L8 AR-1262-2	0.000	7.291	0	28445	N.D.	5.397 #
38) L8 AR-1262-3	0.000	7.607	0	140254	N.D.	31.824 #
39) L8 AR-1262-4	0.000	7.745	0	123960	N.D.	13.261 #
40) L8 AR-1262-5	0.000	8.160	0	30501	N.D.	4.433 #

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 ClientSampleId :
 AR1221 LOQ SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 00:47:22 2015
 Quant Method : P:\HPCHEM1\ECD_P\methods\PP090315.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 19 00:23:08 2015
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
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 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	nq/ml	nq/ml
41) L9	AR-1268-1	0.000	8.076	0	143496	N.D.	16.753 #
42) L9	AR-1268-2	0.000	8.138	0	75123	N.D.	8.723 #
43) L9	AR-1268-3	0.000	8.362	0	43674	N.D.	7.100 #
44) L9	AR-1268-4	0.000	8.658	0	18474	N.D.	7.101 #
45) L9	AR-1268-5	0.000	8.992	0	16974	N.D.	0.964 #

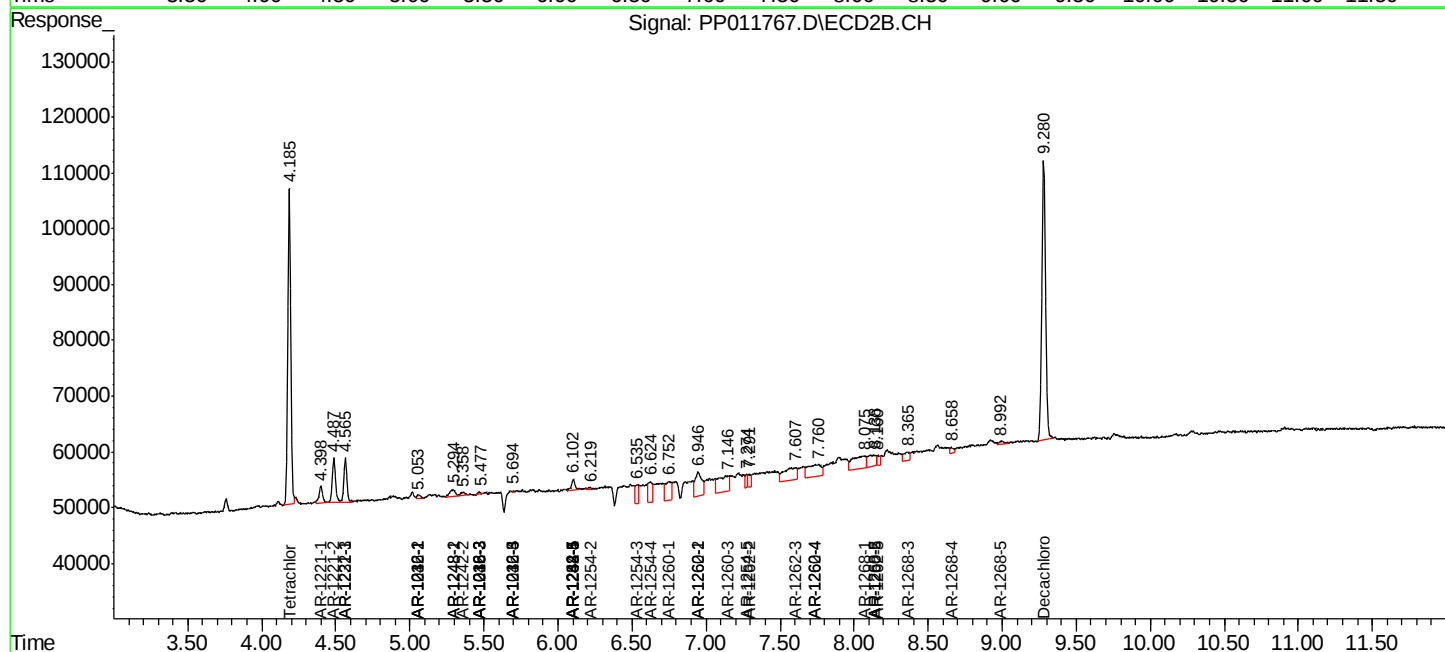
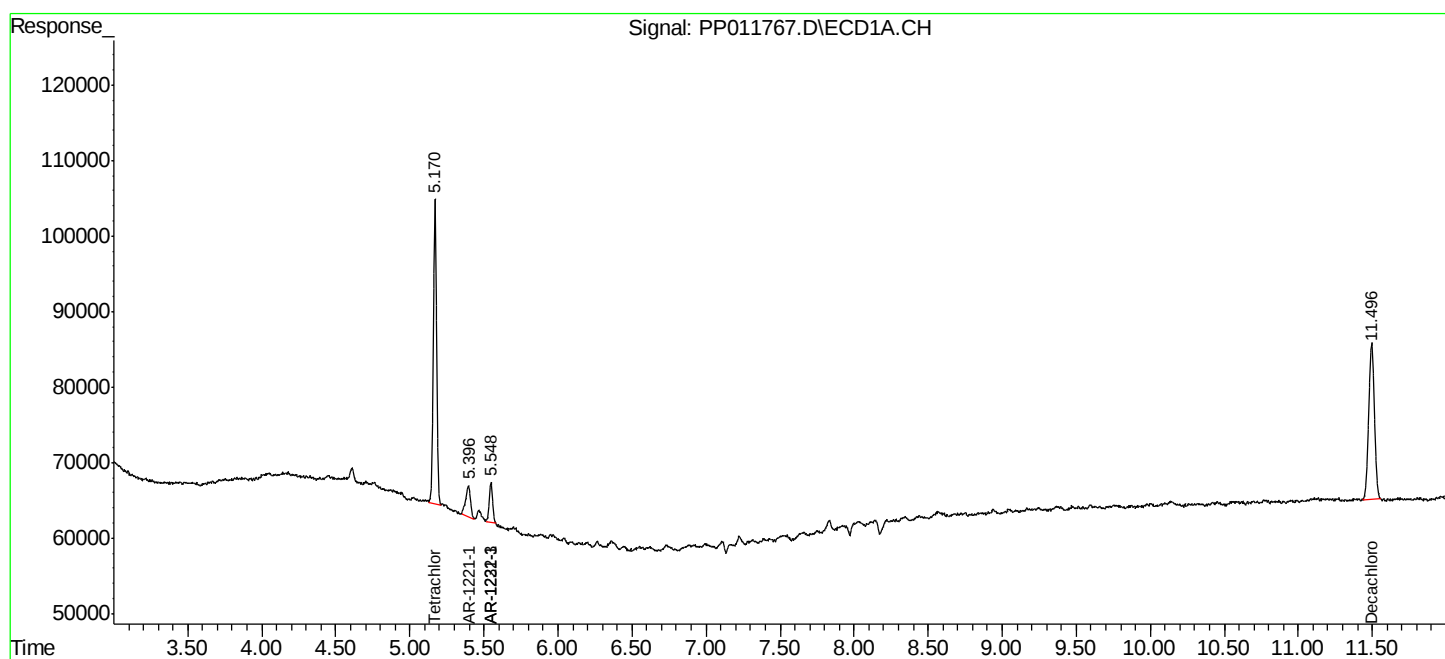
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

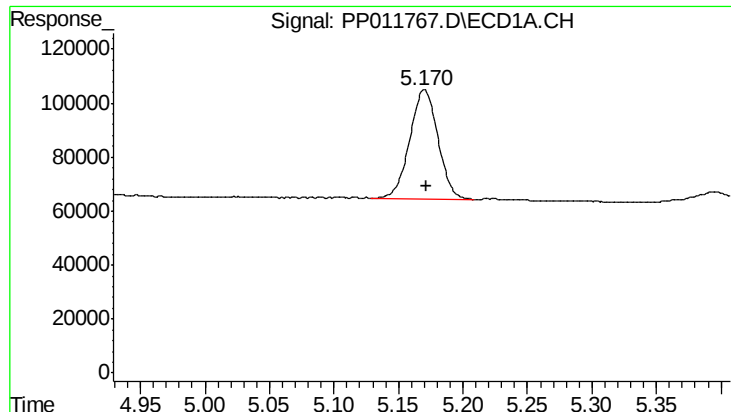
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Misc : 100PPM, ECD P
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ClientSampleId :
AR1221 LOQ SOIL

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Integration File signal 2: autoint2.e
Quant Time: Sep 22 00:47:22 2015
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QLast Update : Sat Sep 19 00:23:08 2015
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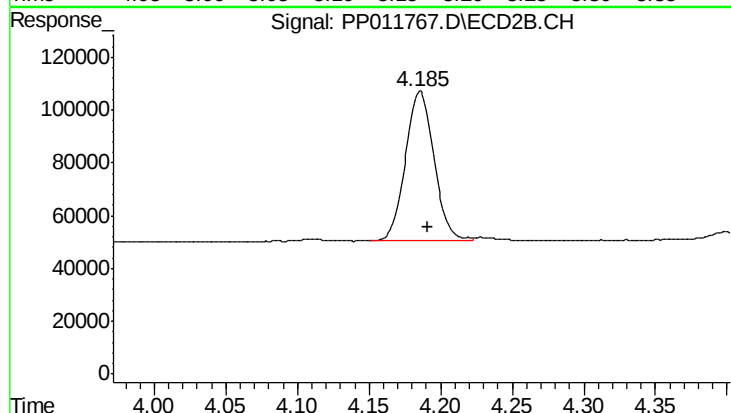




#1 Tetrachloro-m-xylene

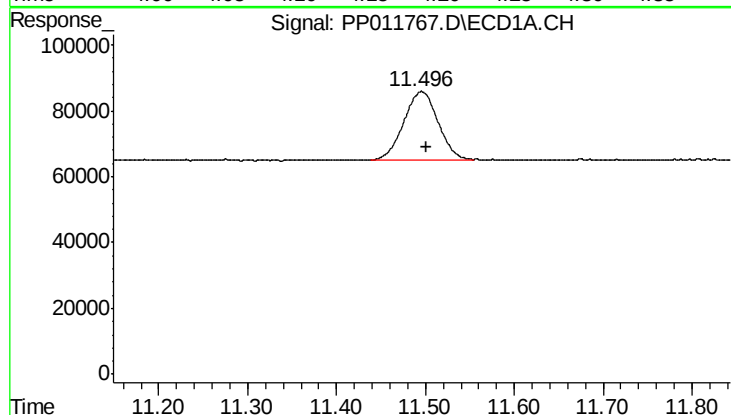
R.T.: 5.170 min
Delta R.T.: -0.001 min
Response: 616896
Conc: 14.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



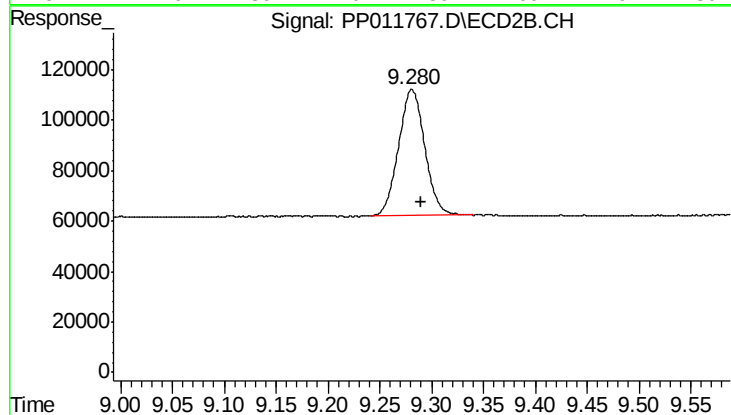
#1 Tetrachloro-m-xylene

R.T.: 4.186 min
Delta R.T.: -0.005 min
Response: 784550
Conc: 13.66 ng/ml



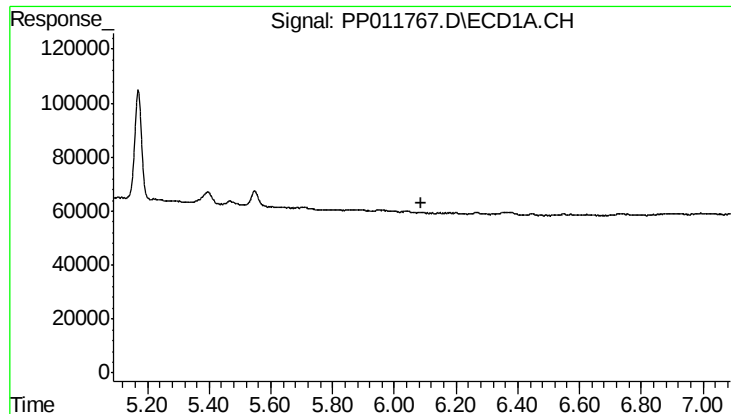
#2 Decachlorobiphenyl

R.T.: 11.496 min
Delta R.T.: -0.005 min
Response: 550766
Conc: 14.40 ng/ml



#2 Decachlorobiphenyl

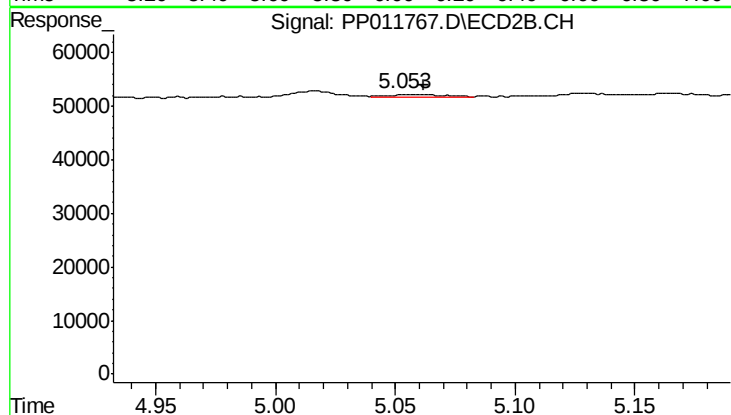
R.T.: 9.281 min
Delta R.T.: -0.008 min
Response: 886593
Conc: 15.61 ng/ml



#3 AR-1016-1

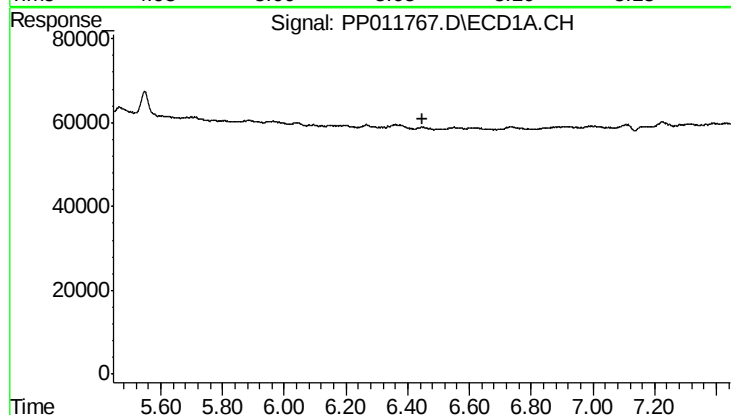
R.T.: 0.000 min
Exp R.T.: 6.089 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



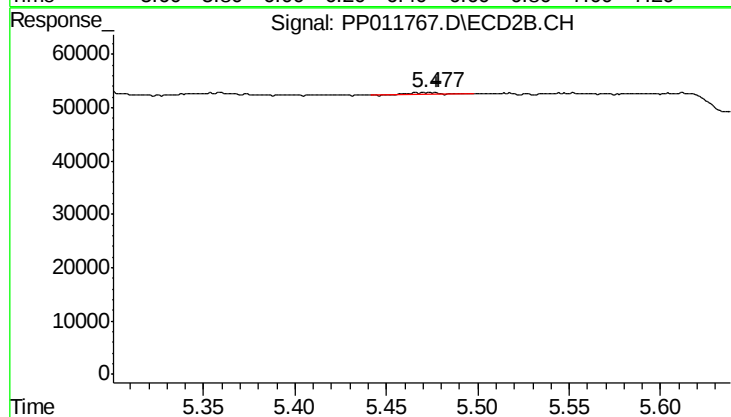
#3 AR-1016-1

R.T.: 5.062 min
Delta R.T.: 0.000 min
Response: 9608
Conc: 6.71 ng/ml



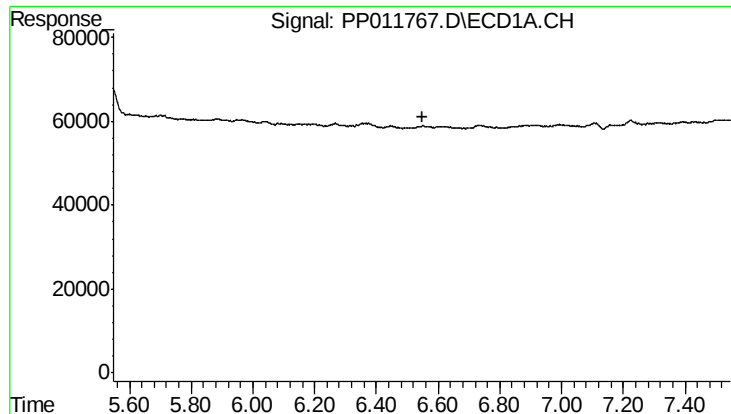
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.446 min
Response: 0
Conc: N.D.



#4 AR-1016-2

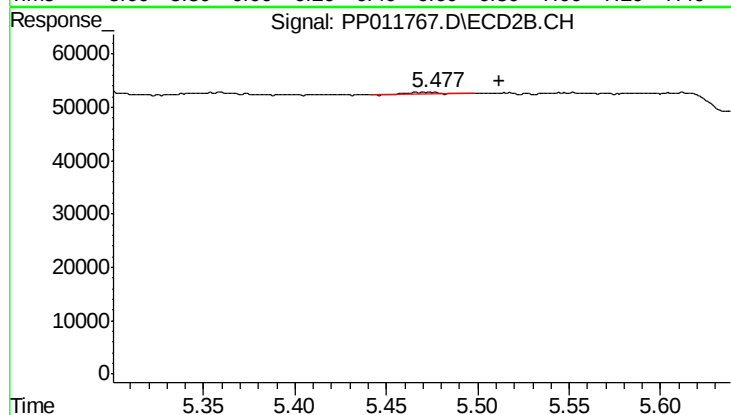
R.T.: 5.467 min
Delta R.T.: -0.011 min
Response: 3436
Conc: 2.34 ng/ml



#5 AR-1016-3

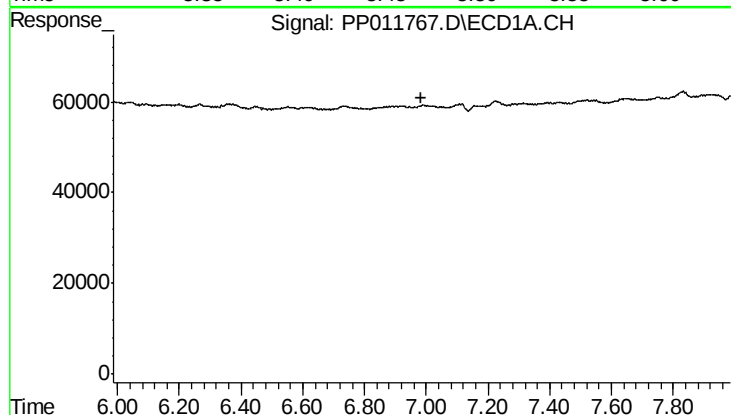
R.T.: 0.000 min
Exp R.T.: 6.548 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



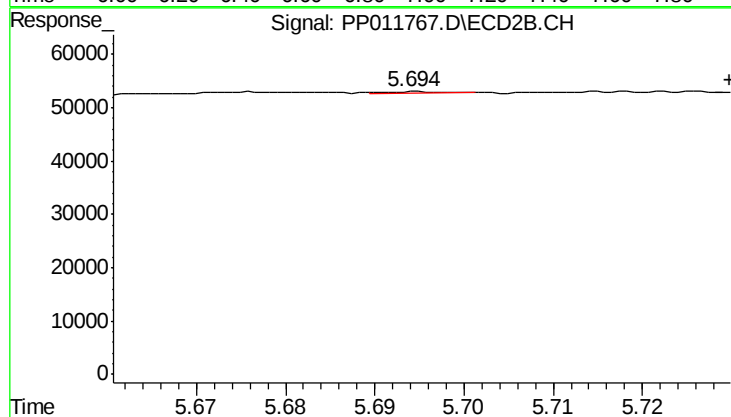
#5 AR-1016-3

R.T.: 5.467 min
Delta R.T.: -0.045 min
Response: 3436
Conc: 2.97 ng/ml



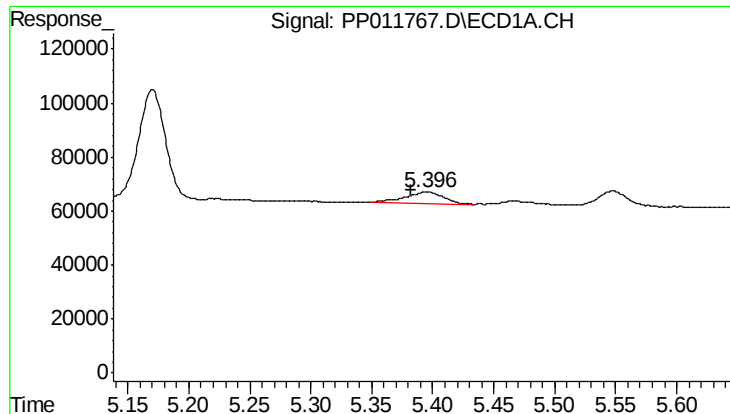
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 6.986 min
Response: 0
Conc: N.D.



#7 AR-1016-5

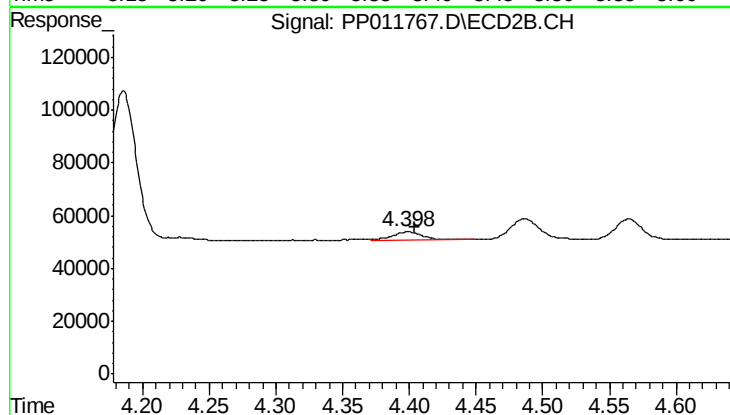
R.T.: 5.695 min
Delta R.T.: -0.035 min
Response: 1316
Conc: 0.85 ng/ml



#8 AR-1221-1

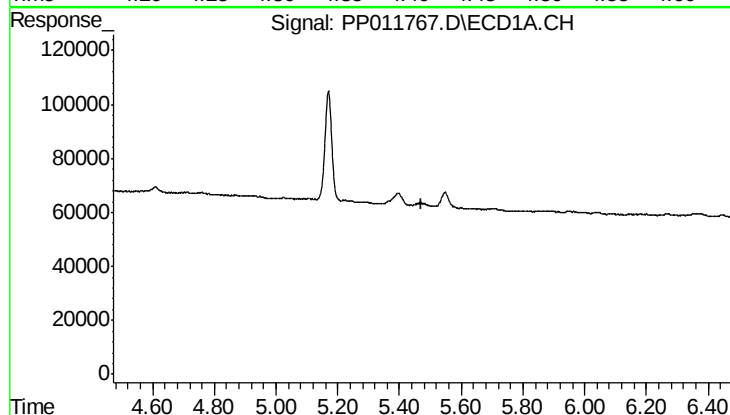
R.T.: 5.396 min
Delta R.T.: 0.014 min
Response: 94383
Conc: 219.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



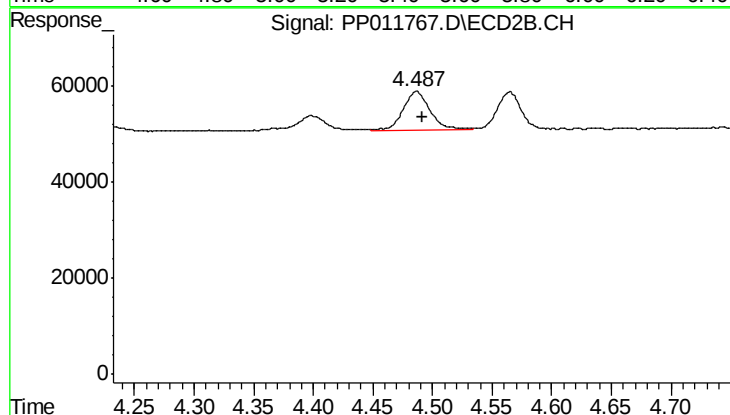
#8 AR-1221-1

R.T.: 4.399 min
Delta R.T.: -0.005 min
Response: 50681
Conc: 88.26 ng/ml



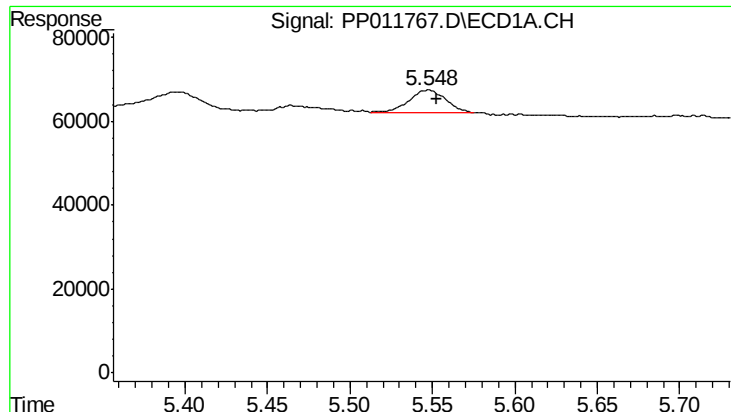
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 5.473 min
Response: 0
Conc: N.D.



#9 AR-1221-2

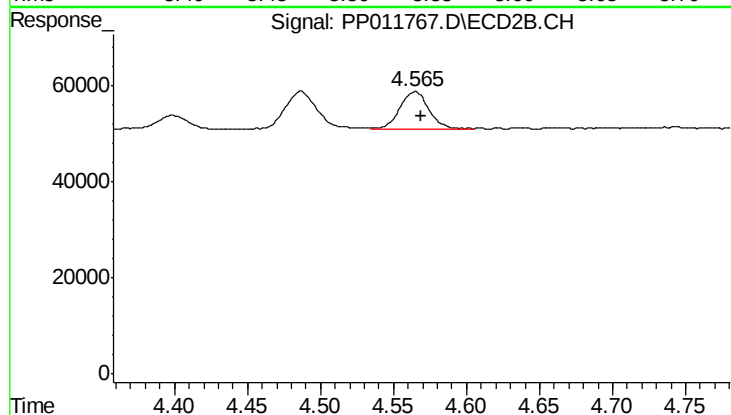
R.T.: 4.487 min
Delta R.T.: -0.005 min
Response: 125813
Conc: 296.01 ng/ml



#10 AR-1221-3

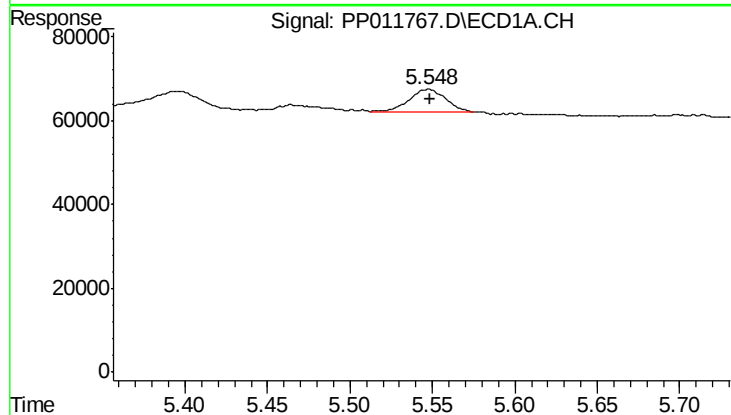
R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 82934
Conc: 78.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



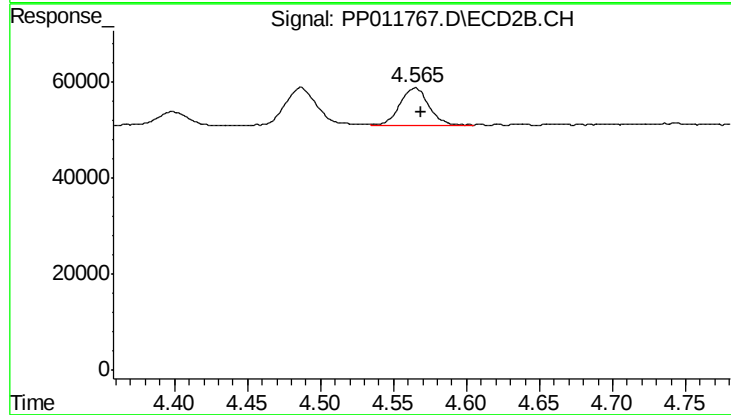
#10 AR-1221-3

R.T.: 4.565 min
Delta R.T.: -0.004 min
Response: 108979
Conc: 81.21 ng/ml



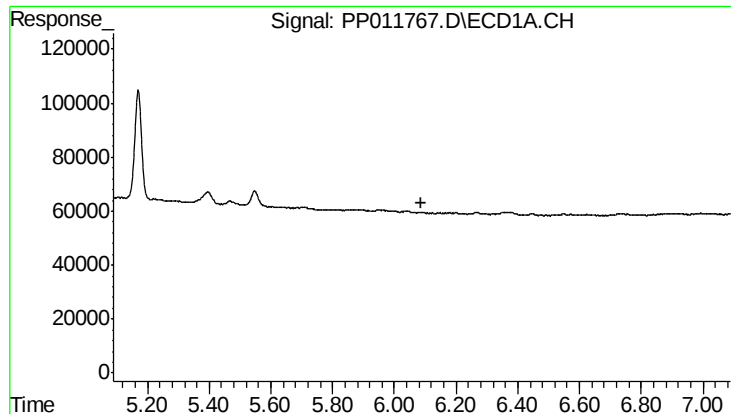
#11 AR-1232-1

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 82934
Conc: 94.83 ng/ml



#11 AR-1232-1

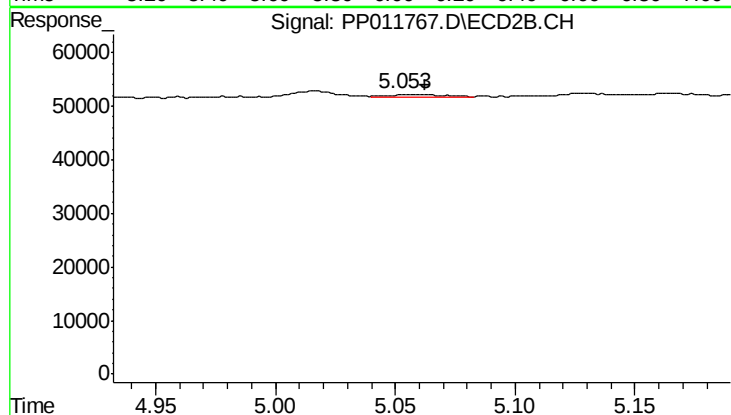
R.T.: 4.565 min
Delta R.T.: -0.004 min
Response: 108979
Conc: 96.14 ng/ml



#12 AR-1232-2

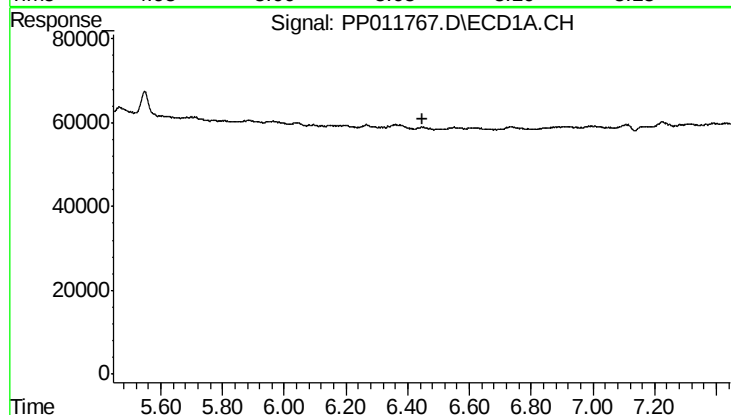
R.T.: 0.000 min
Exp R.T.: 6.089 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



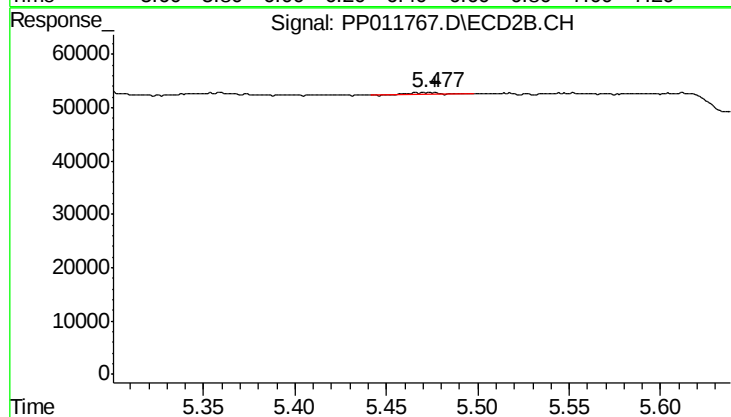
#12 AR-1232-2

R.T.: 5.062 min
Delta R.T.: 0.000 min
Response: 9608
Conc: 16.34 ng/ml



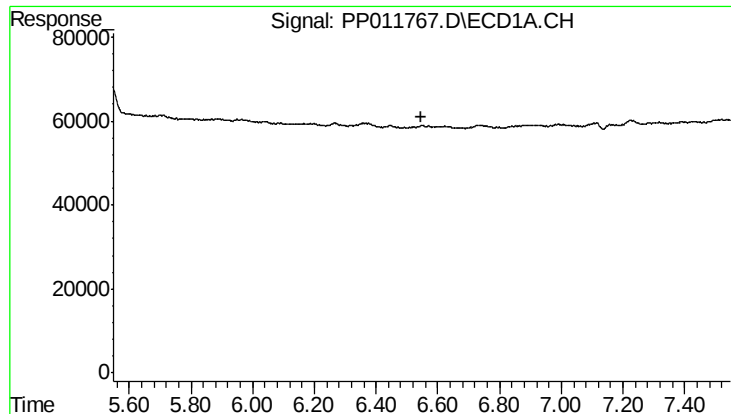
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 6.446 min
Response: 0
Conc: N.D.



#13 AR-1232-3

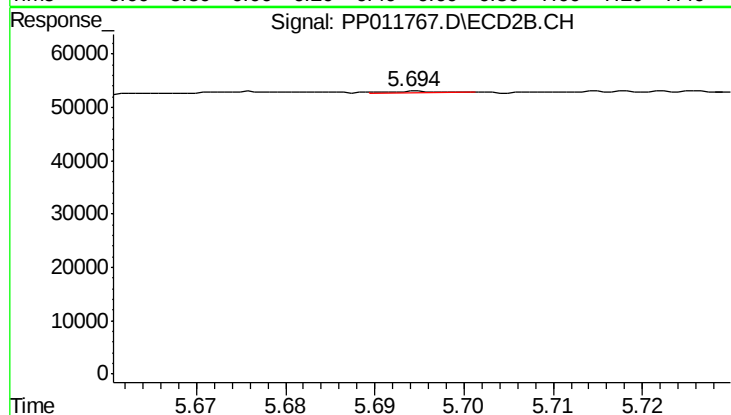
R.T.: 5.467 min
Delta R.T.: -0.010 min
Response: 3436
Conc: 5.81 ng/ml



#14 AR-1232-4

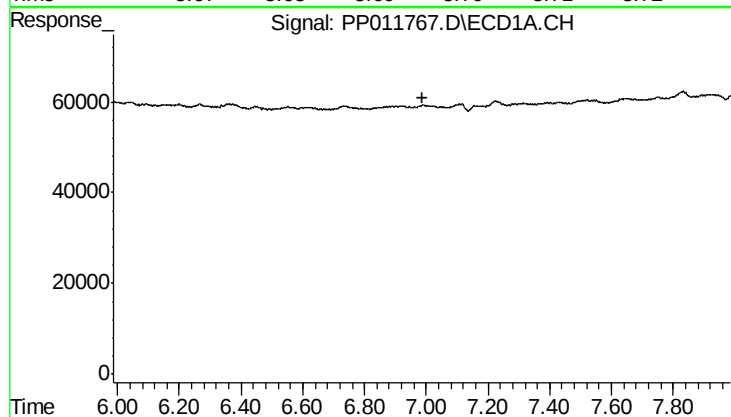
R.T.: 0.000 min
Exp R.T.: 6.549 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



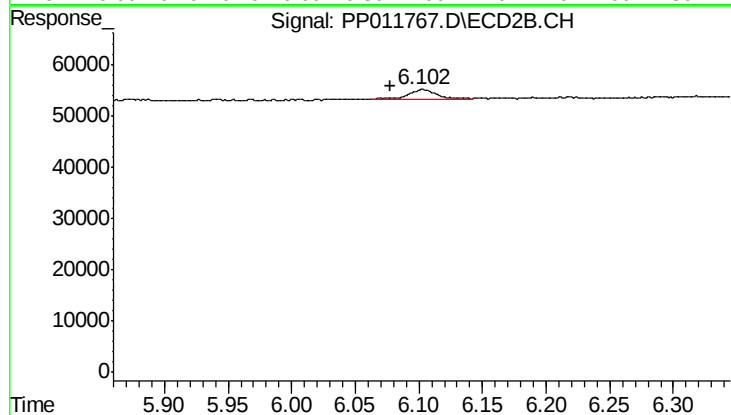
#14 AR-1232-4

R.T.: 5.695 min
Delta R.T.: -0.035 min
Response: 1316
Conc: 2.20 ng/ml



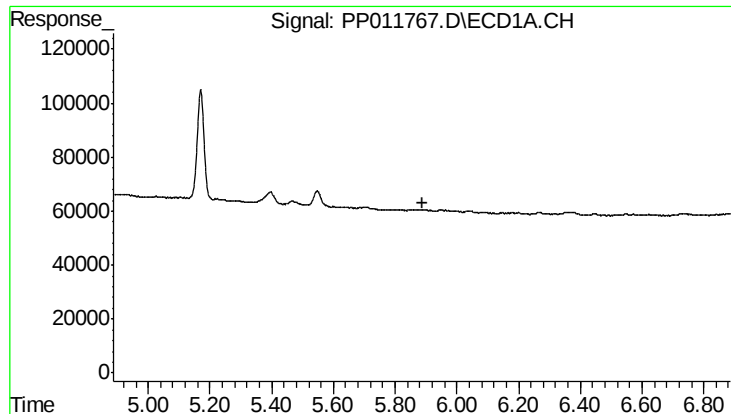
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.987 min
Response: 0
Conc: N.D.



#15 AR-1232-5

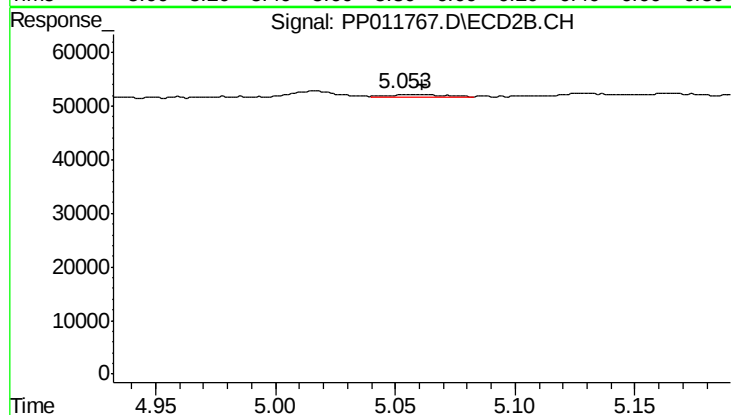
R.T.: 6.103 min
Delta R.T.: 0.026 min
Response: 31899
Conc: 46.96 ng/ml



#16 AR-1242-1

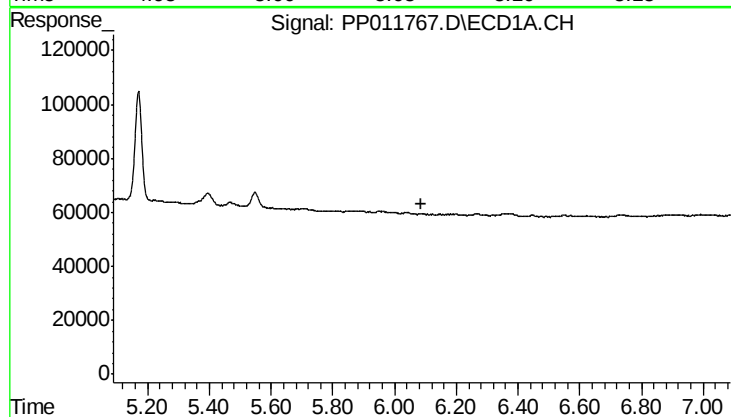
R.T.: 0.000 min
Exp R.T.: 5.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



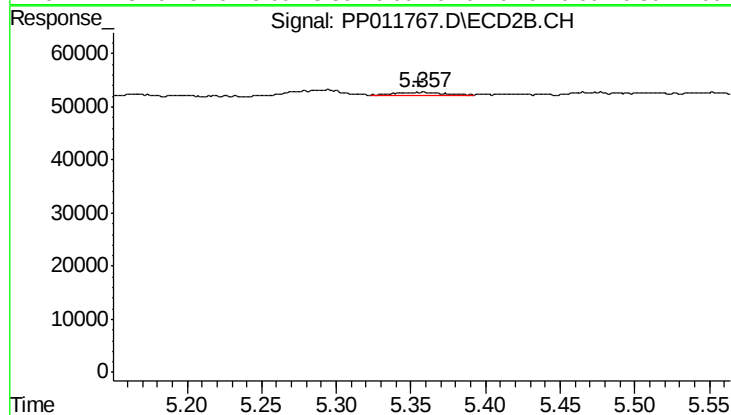
#16 AR-1242-1

R.T.: 5.062 min
Delta R.T.: 0.000 min
Response: 9608
Conc: 8.20 ng/ml



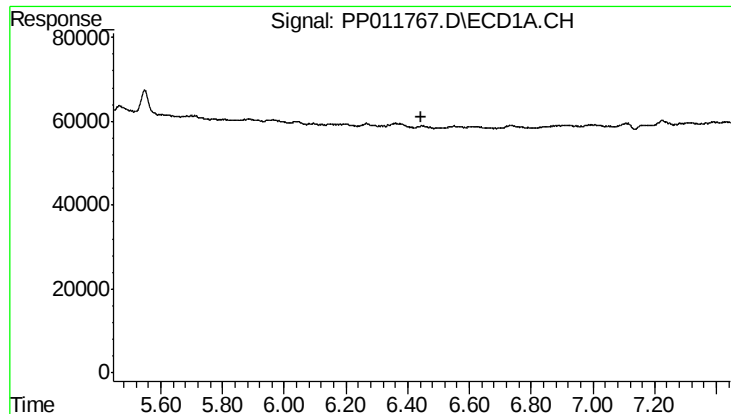
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.



#17 AR-1242-2

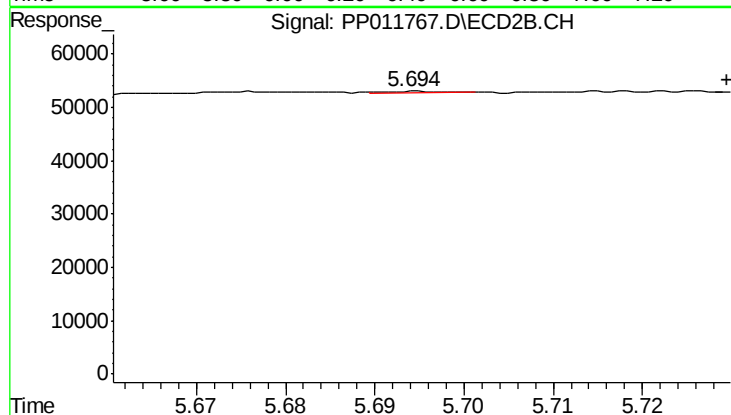
R.T.: 5.359 min
Delta R.T.: 0.003 min
Response: 13664
Conc: 8.21 ng/ml



#18 AR-1242-3

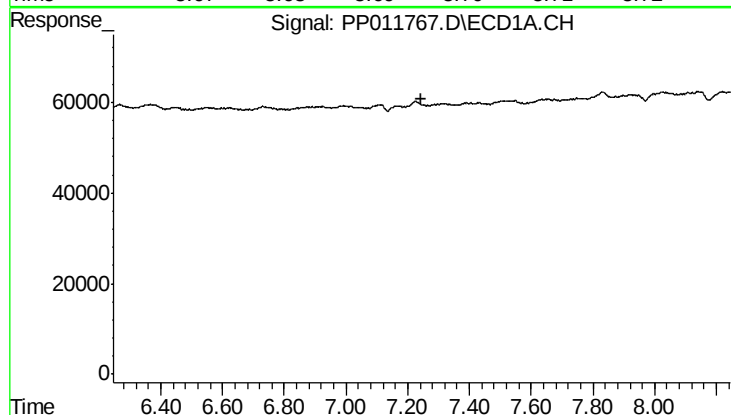
R.T.: 0.000 min
Exp R.T.: 6.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



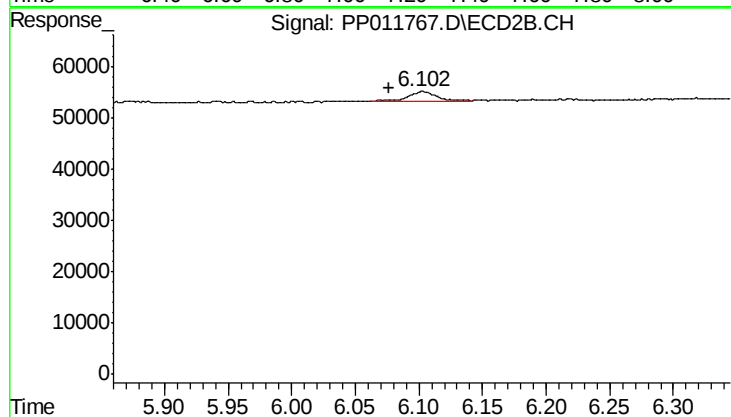
#18 AR-1242-3

R.T.: 5.695 min
Delta R.T.: -0.035 min
Response: 1316
Conc: 0.99 ng/ml



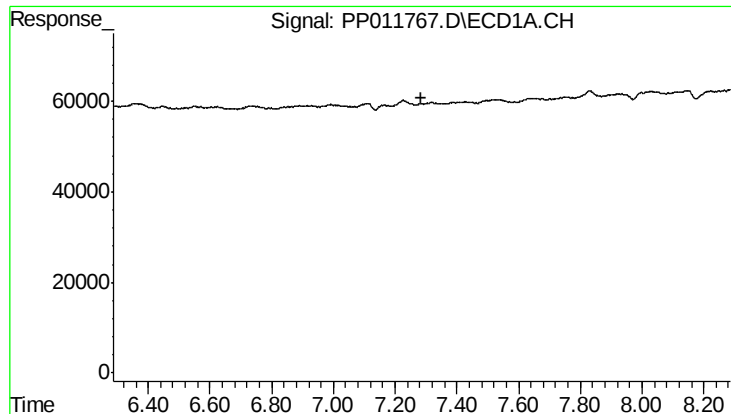
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 7.246 min
Response: 0
Conc: N.D.



#19 AR-1242-4

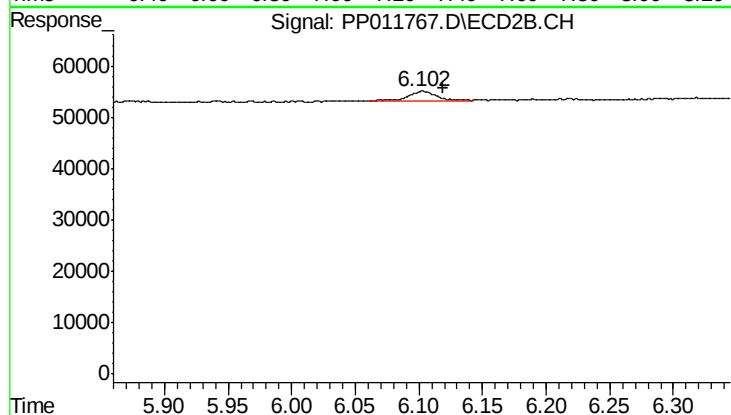
R.T.: 6.103 min
Delta R.T.: 0.027 min
Response: 31899
Conc: 20.60 ng/ml



#20 AR-1242-5

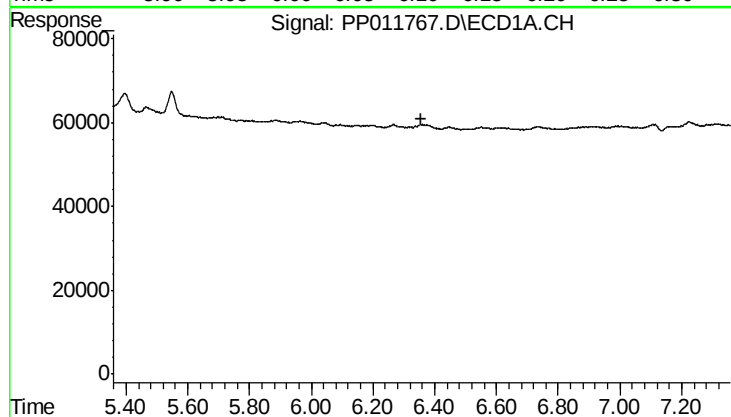
R.T.: 0.000 min
Exp R.T.: 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



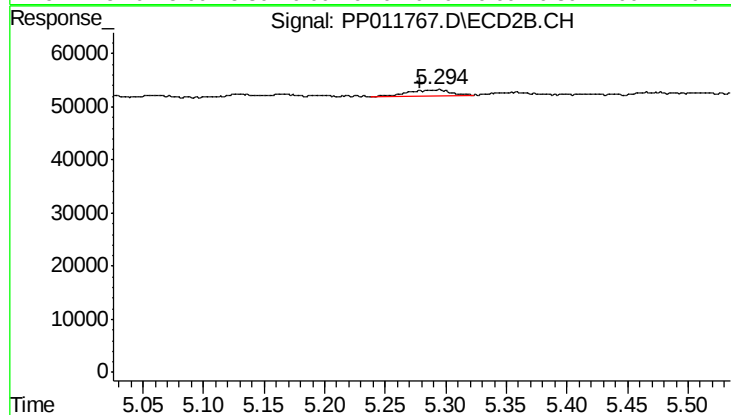
#20 AR-1242-5

R.T.: 6.103 min
Delta R.T.: -0.016 min
Response: 31899
Conc: 24.18 ng/ml



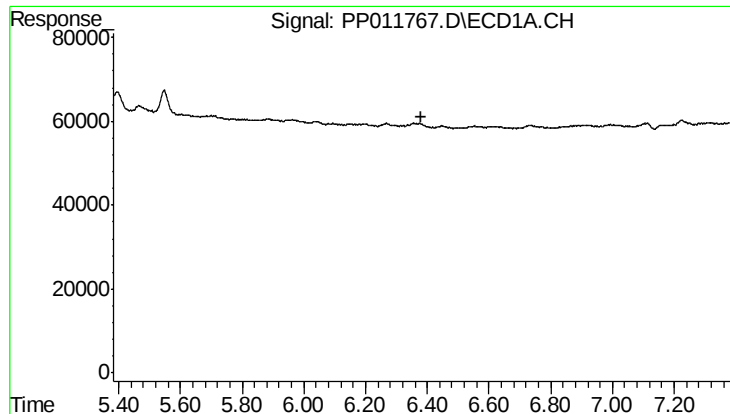
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 6.358 min
Response: 0
Conc: N.D.



#21 AR-1248-1

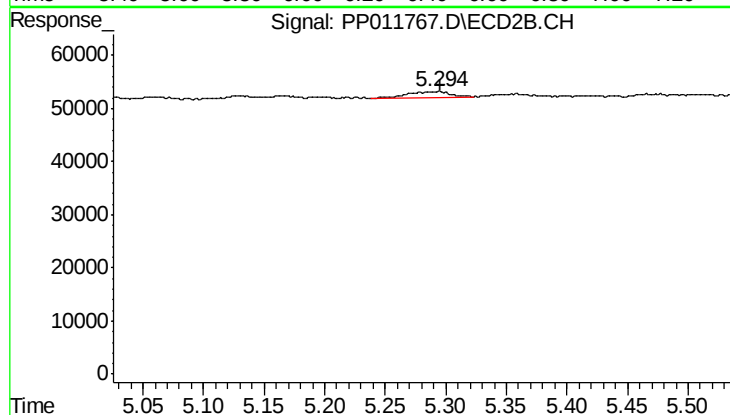
R.T.: 5.294 min
Delta R.T.: 0.015 min
Response: 30562
Conc: 24.00 ng/ml



#22 AR-1248-2

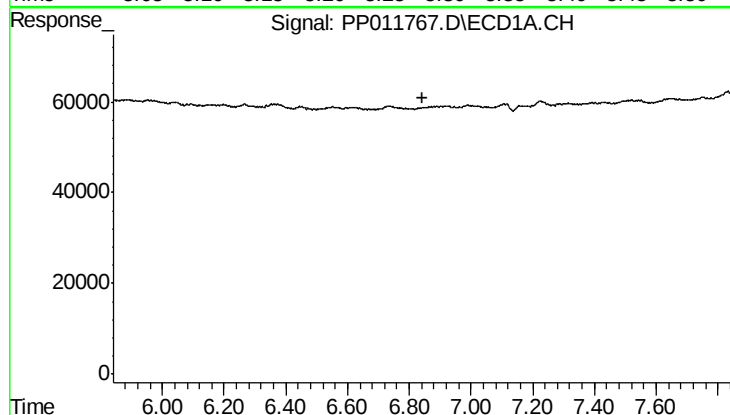
R.T.: 0.000 min
Exp R.T.: 6.382 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



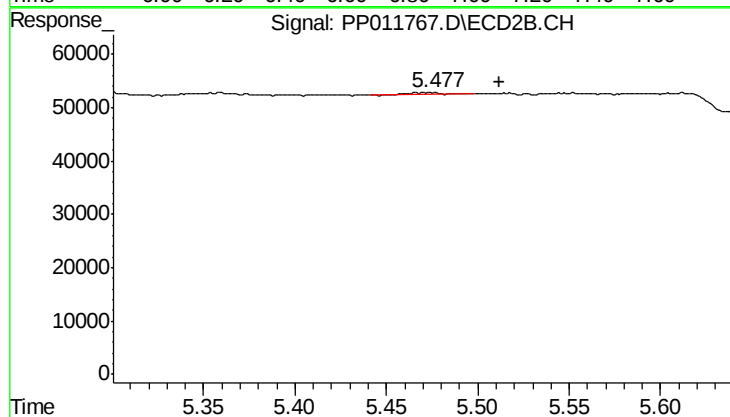
#22 AR-1248-2

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 30562
Conc: 25.88 ng/ml



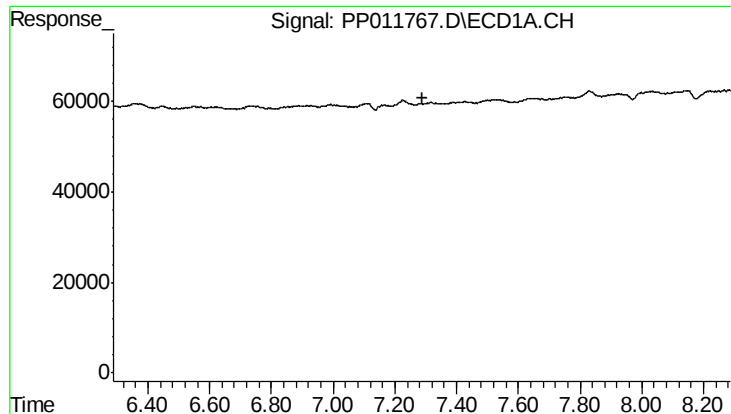
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.841 min
Response: 0
Conc: N.D.



#23 AR-1248-3

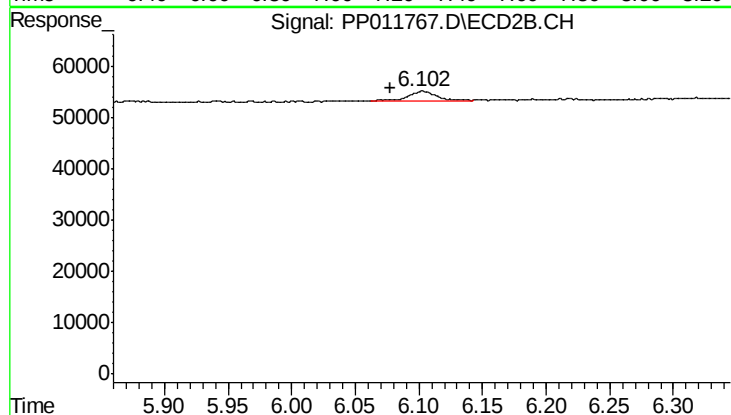
R.T.: 5.467 min
Delta R.T.: -0.045 min
Response: 3436
Conc: 2.08 ng/ml



#25 AR-1248-5

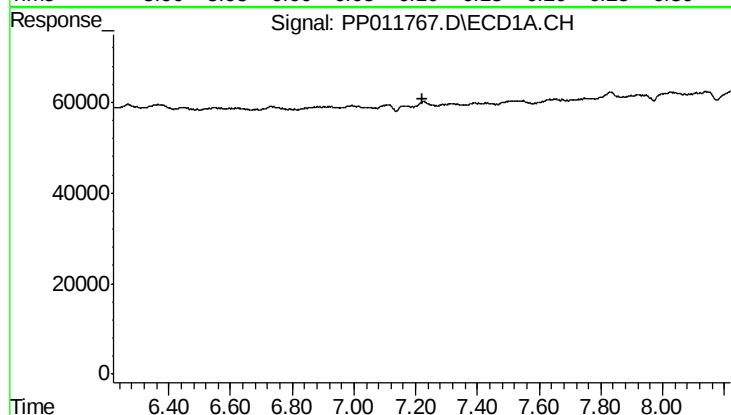
R.T.: 0.000 min
Exp R.T.: 7.288 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



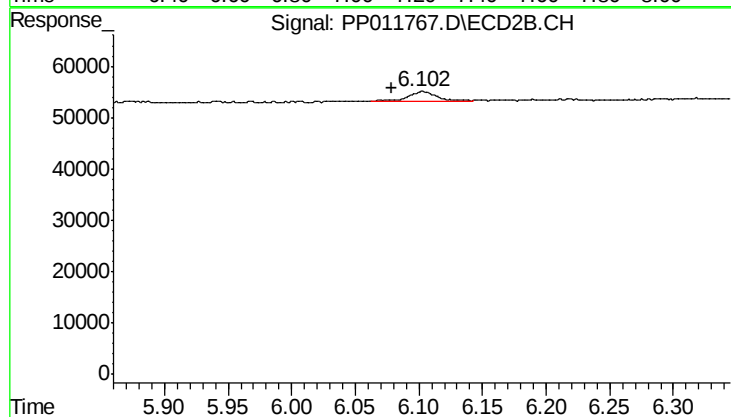
#25 AR-1248-5

R.T.: 6.103 min
Delta R.T.: 0.025 min
Response: 31899
Conc: 10.89 ng/ml



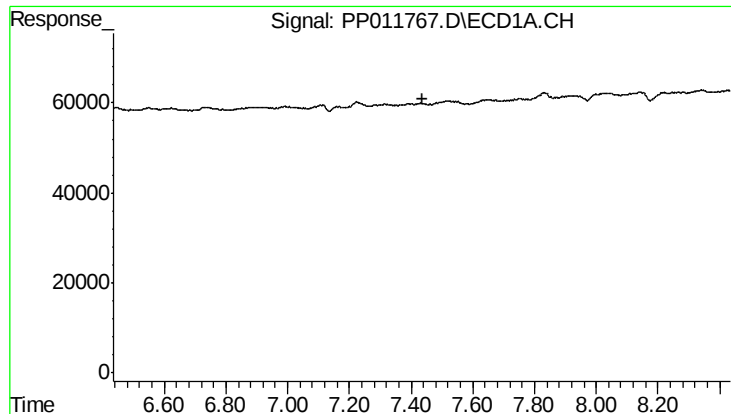
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 7.220 min
Response: 0
Conc: N.D.



#26 AR-1254-1

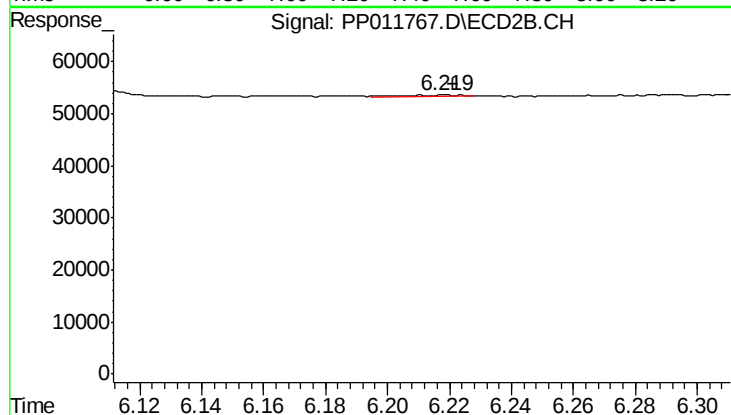
R.T.: 6.103 min
Delta R.T.: 0.025 min
Response: 31899
Conc: 9.57 ng/ml



#27 AR-1254-2

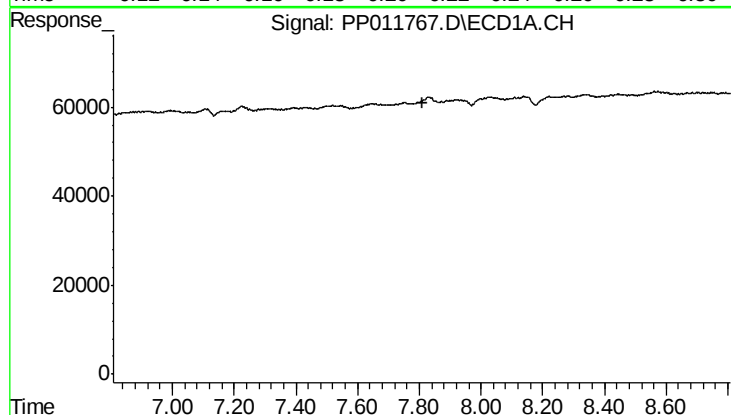
R.T.: 0.000 min
Exp R.T.: 7.436 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



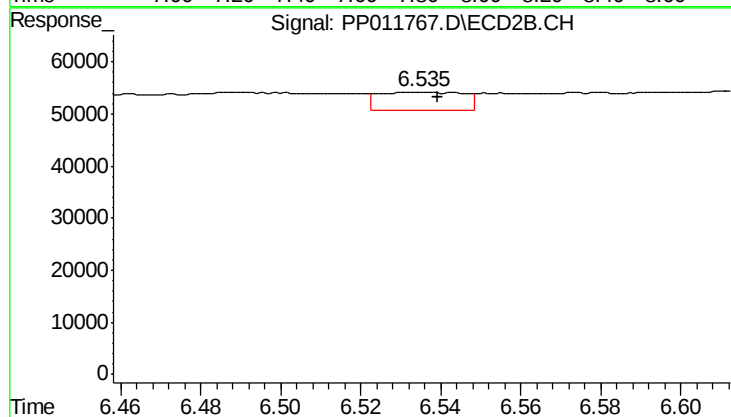
#27 AR-1254-2

R.T.: 6.219 min
Delta R.T.: -0.003 min
Response: 3363
Conc: 1.17 ng/ml



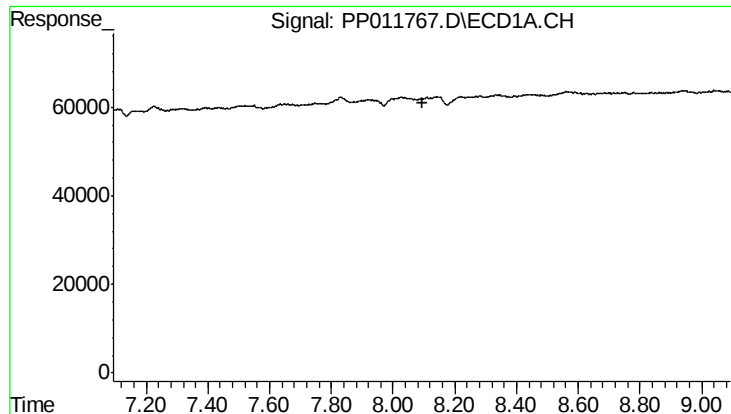
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 7.809 min
Response: 0
Conc: N.D.



#28 AR-1254-3

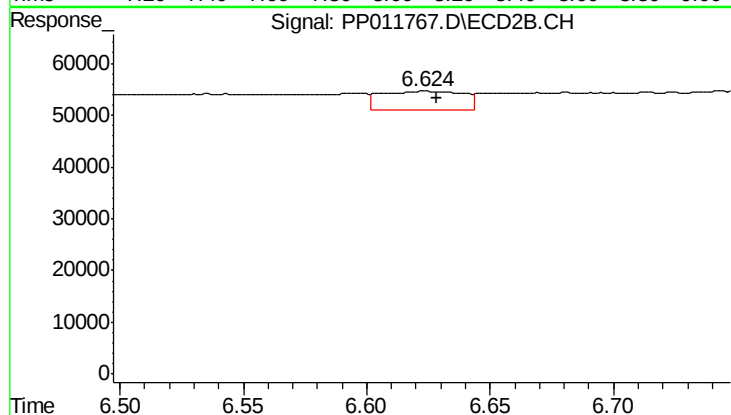
R.T.: 6.535 min
Delta R.T.: -0.004 min
Response: 51473
Conc: 21.83 ng/ml



#29 AR-1254-4

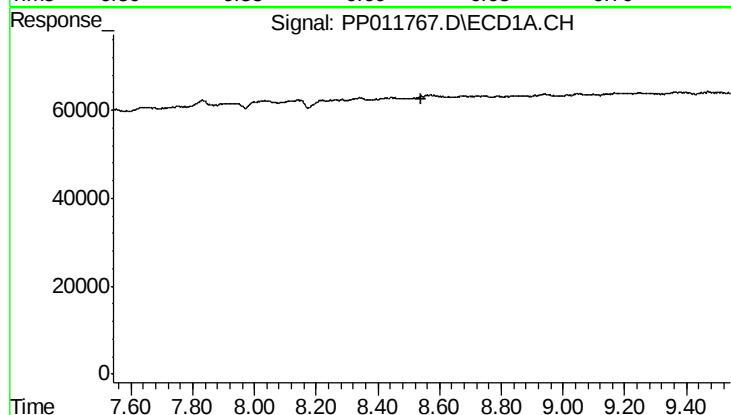
R.T.: 0.000 min
Exp R.T.: 8.094 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



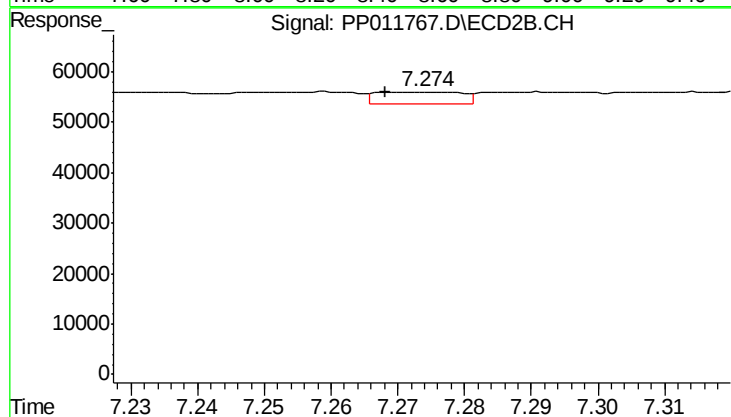
#29 AR-1254-4

R.T.: 6.624 min
Delta R.T.: -0.005 min
Response: 84957
Conc: 17.75 ng/ml



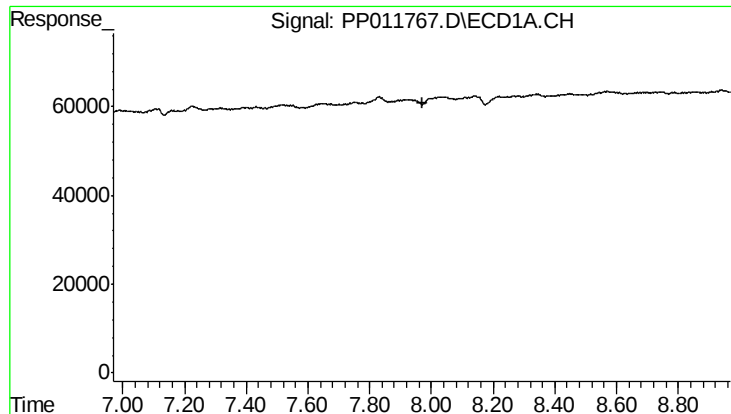
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 8.542 min
Response: 0
Conc: N.D.



#30 AR-1254-5

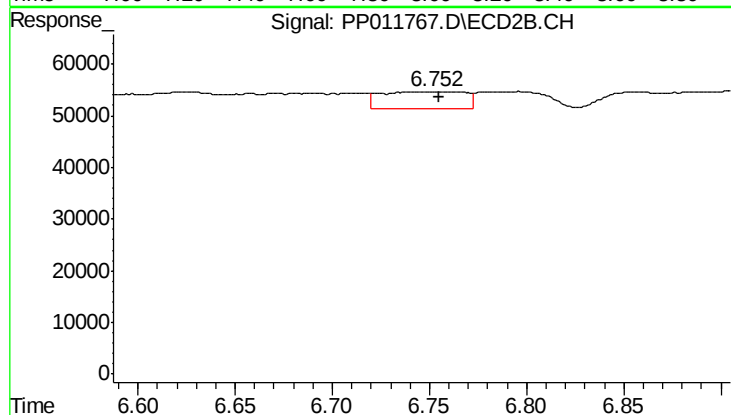
R.T.: 7.274 min
Delta R.T.: 0.006 min
Response: 21230
Conc: 5.11 ng/ml



#31 AR-1260-1

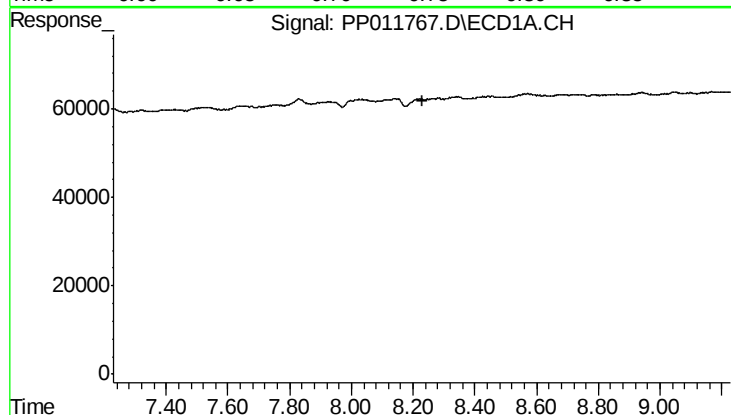
R.T.: 0.000 min
Exp R.T.: 7.970 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



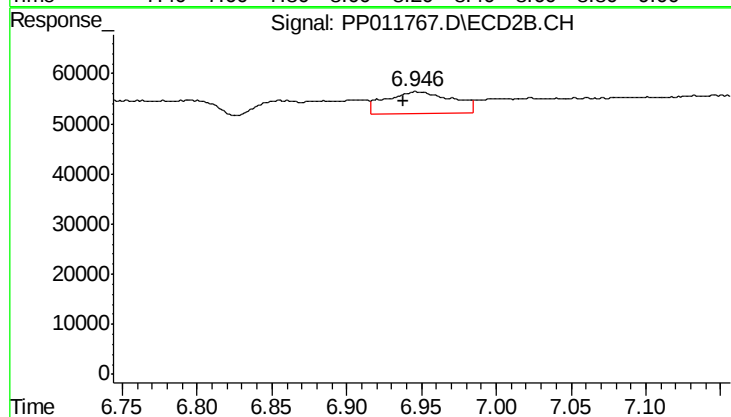
#31 AR-1260-1

R.T.: 6.743 min
Delta R.T.: -0.012 min
Response: 100710
Conc: 32.07 ng/ml



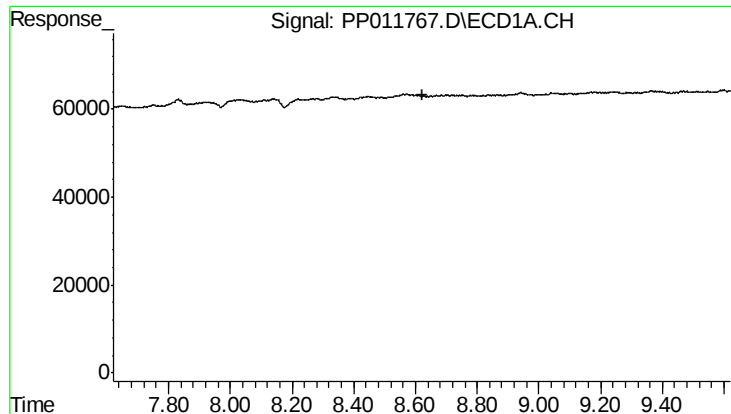
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 8.229 min
Response: 0
Conc: N.D.



#32 AR-1260-2

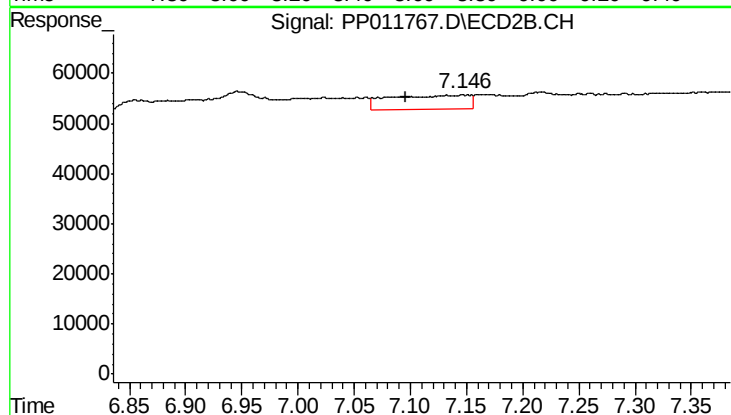
R.T.: 6.947 min
Delta R.T.: 0.009 min
Response: 134490
Conc: 34.79 ng/ml



#33 AR-1260-3

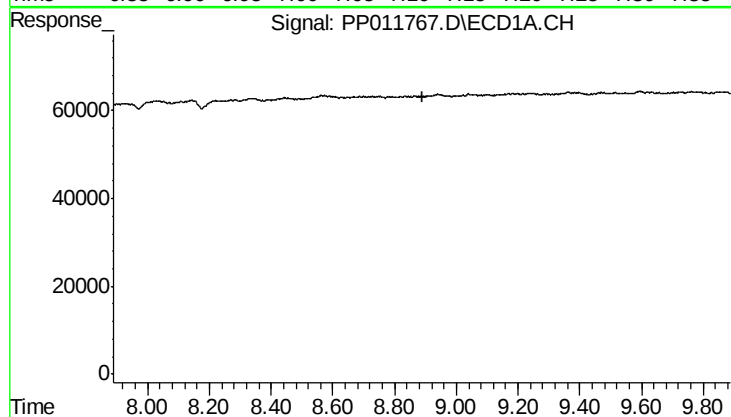
R.T.: 0.000 min
Exp R.T.: 8.621 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



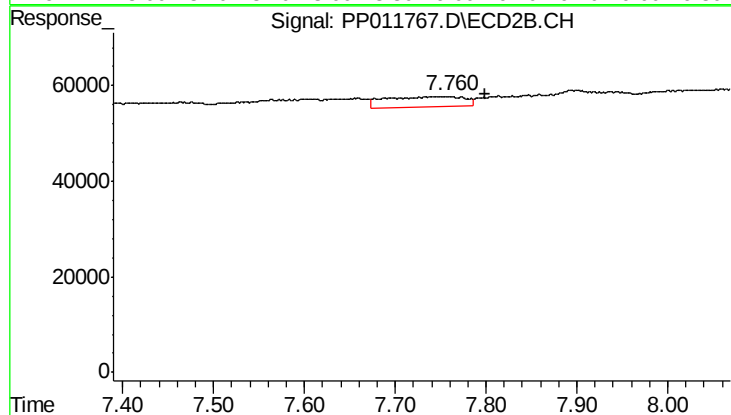
#33 AR-1260-3

R.T.: 7.147 min
Delta R.T.: 0.050 min
Response: 138999
Conc: 39.55 ng/ml



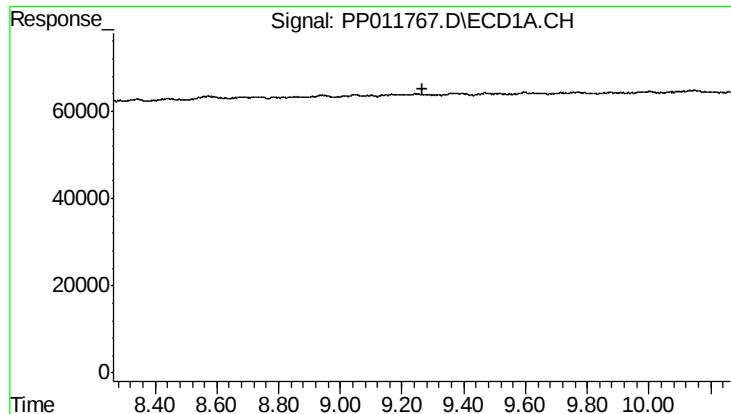
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.889 min
Response: 0
Conc: N.D.



#34 AR-1260-4

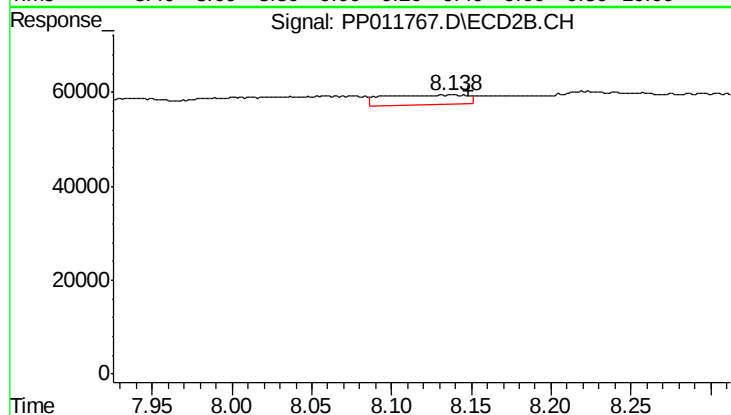
R.T.: 7.745 min
Delta R.T.: -0.054 min
Response: 123960
Conc: 17.95 ng/ml



#35 AR-1260-5

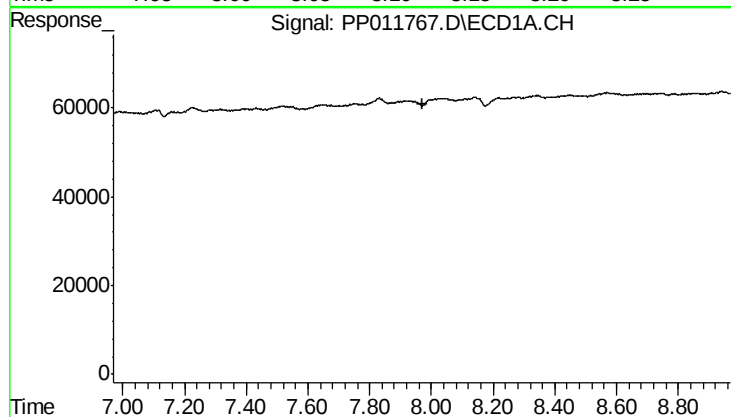
R.T.: 0.000 min
Exp R.T.: 9.265 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



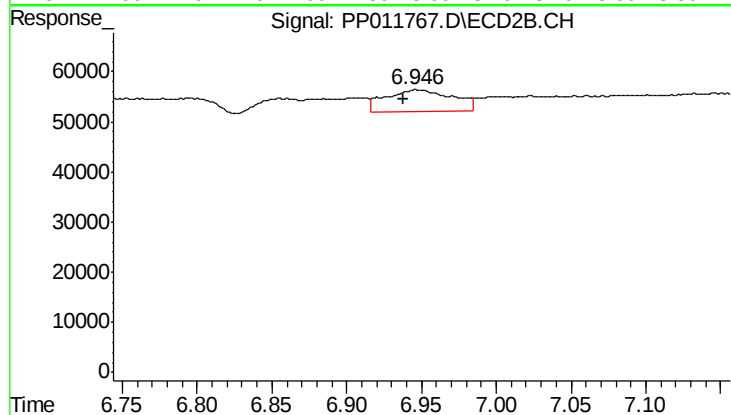
#35 AR-1260-5

R.T.: 8.138 min
Delta R.T.: -0.011 min
Response: 75123
Conc: 14.84 ng/ml



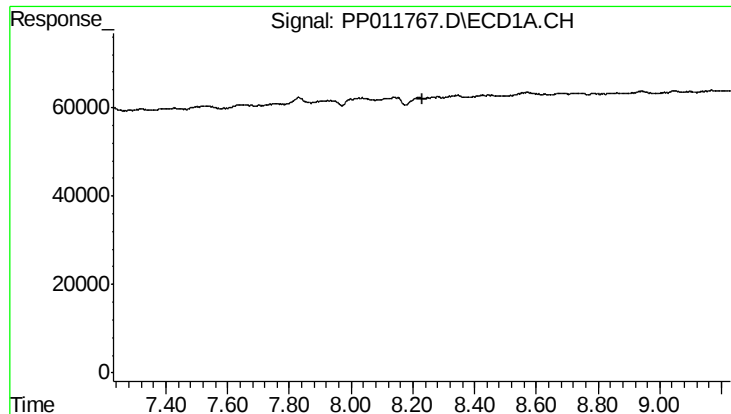
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.970 min
Response: 0
Conc: N.D.



#36 AR-1262-1

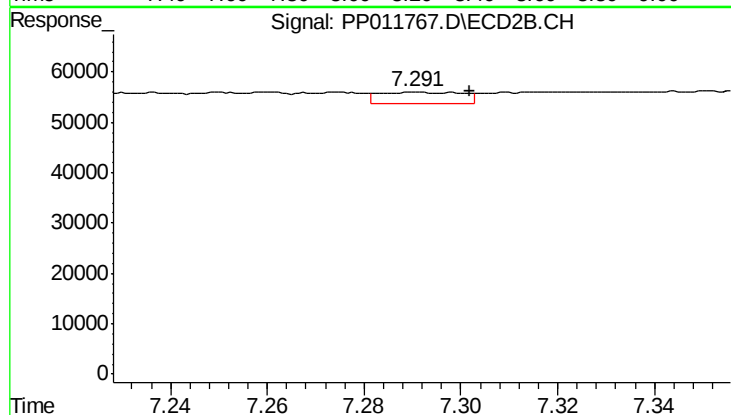
R.T.: 6.947 min
Delta R.T.: 0.009 min
Response: 134490
Conc: 37.16 ng/ml



#37 AR-1262-2

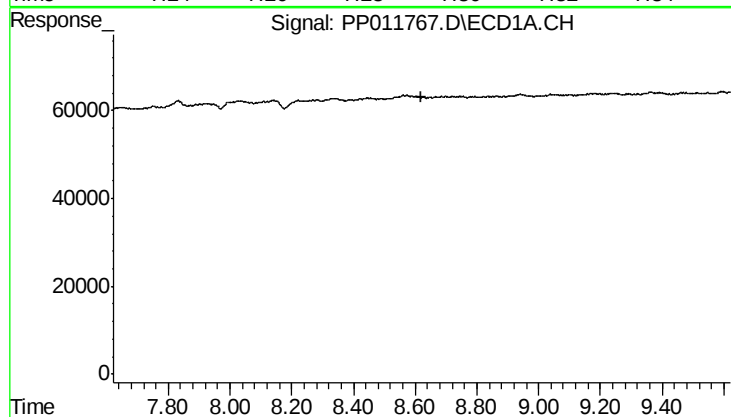
R.T.: 0.000 min
Exp R.T.: 8.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



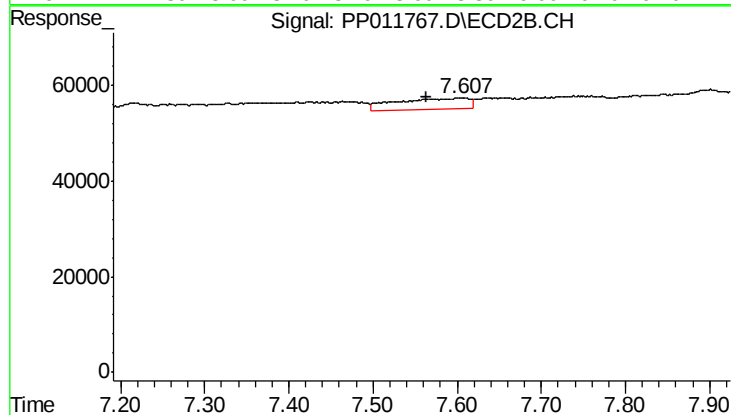
#37 AR-1262-2

R.T.: 7.291 min
Delta R.T.: -0.011 min
Response: 28445
Conc: 5.40 ng/ml



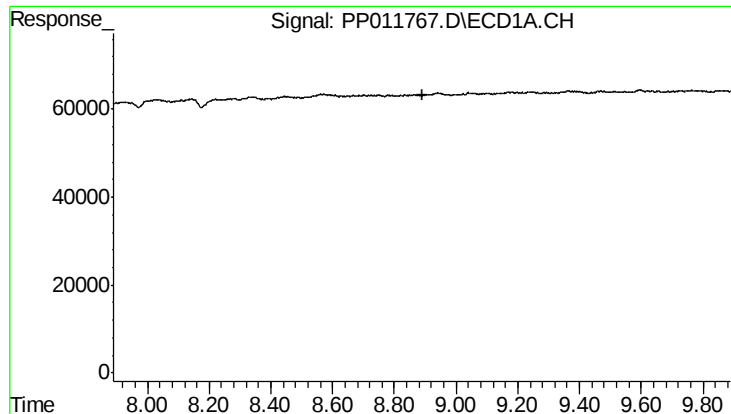
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.622 min
Response: 0
Conc: N.D.



#38 AR-1262-3

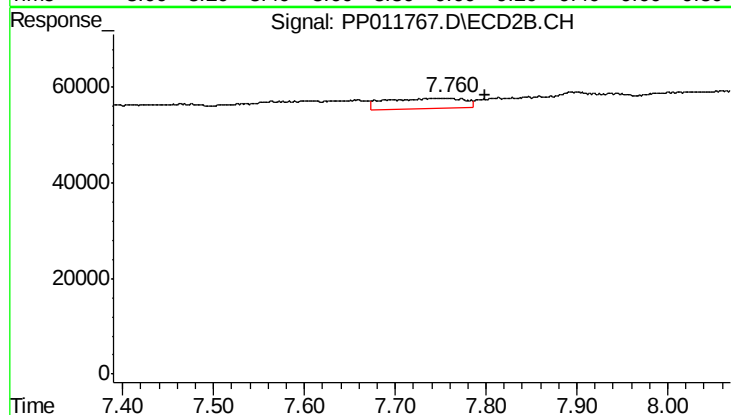
R.T.: 7.607 min
Delta R.T.: 0.043 min
Response: 140254
Conc: 31.82 ng/ml



#39 AR-1262-4

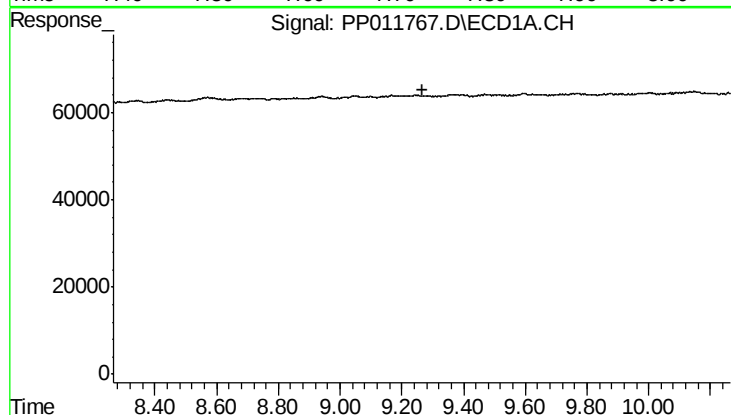
R.T.: 0.000 min
Exp R.T.: 8.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



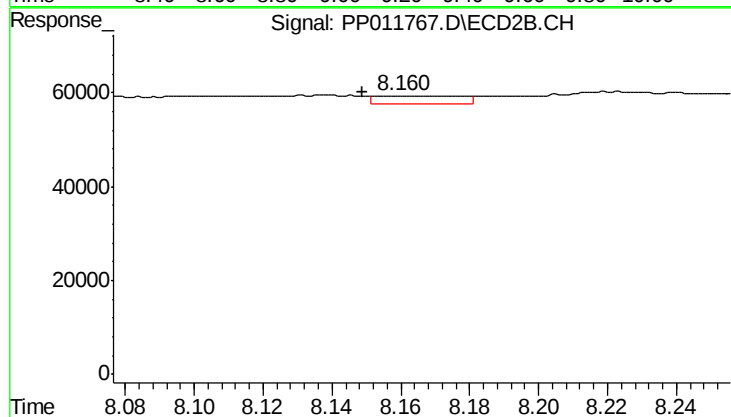
#39 AR-1262-4

R.T.: 7.745 min
Delta R.T.: -0.054 min
Response: 123960
Conc: 13.26 ng/ml



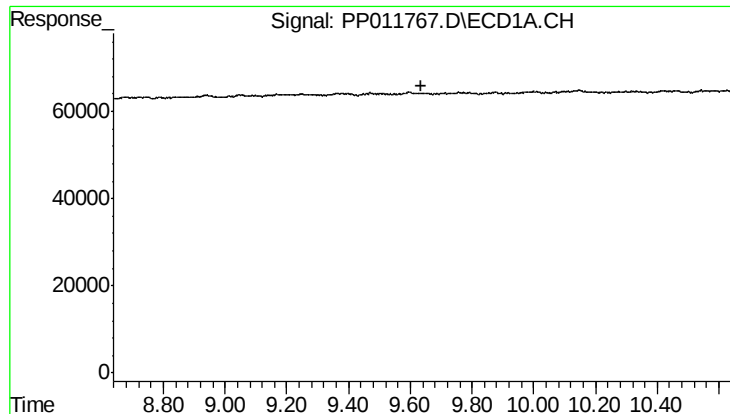
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.266 min
Response: 0
Conc: N.D.



#40 AR-1262-5

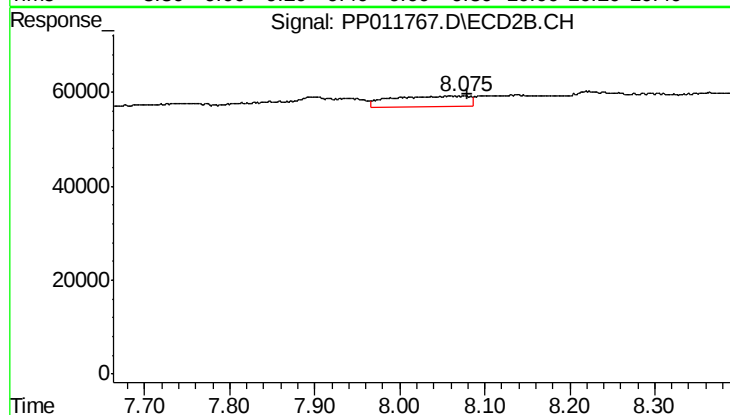
R.T.: 8.160 min
Delta R.T.: 0.011 min
Response: 30501
Conc: 4.43 ng/ml



#41 AR-1268-1

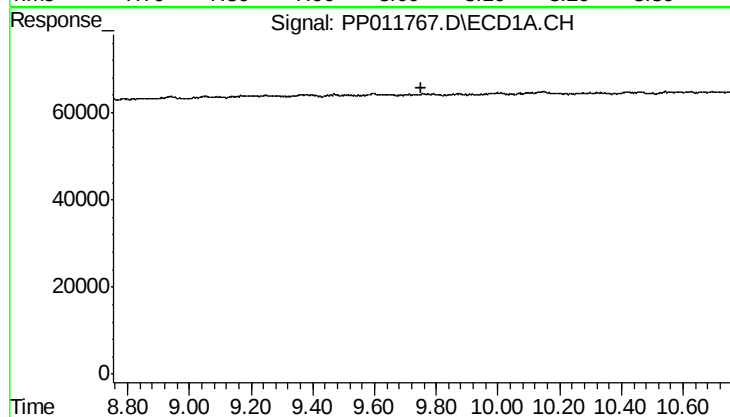
R.T.: 0.000 min
Exp R.T.: 9.638 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



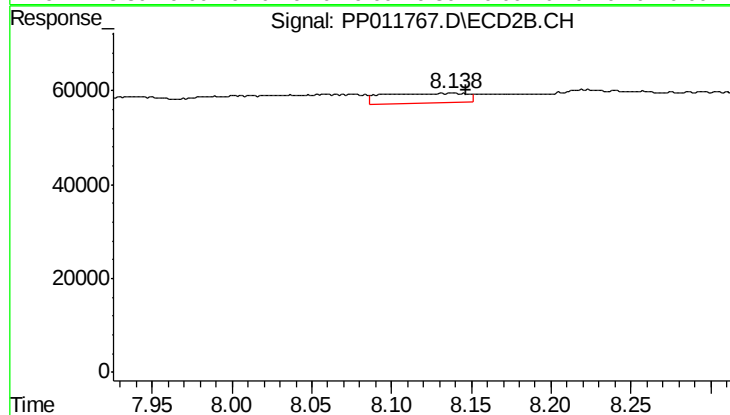
#41 AR-1268-1

R.T.: 8.076 min
Delta R.T.: -0.004 min
Response: 143496
Conc: 16.75 ng/ml



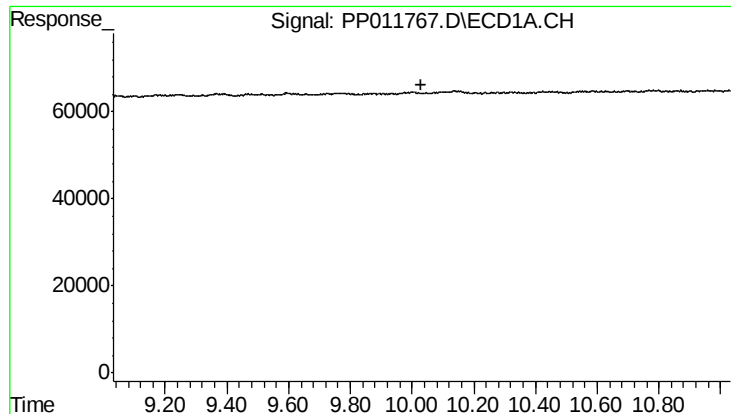
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.753 min
Response: 0
Conc: N.D.



#42 AR-1268-2

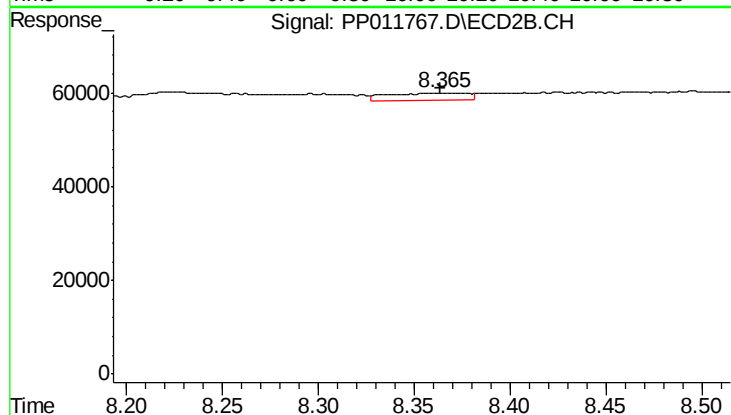
R.T.: 8.138 min
Delta R.T.: -0.009 min
Response: 75123
Conc: 8.72 ng/ml



#43 AR-1268-3

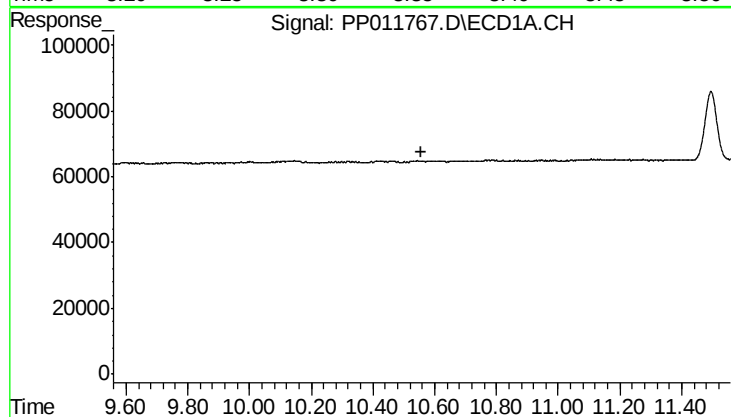
R.T.: 0.000 min
Exp R.T.: 10.032 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



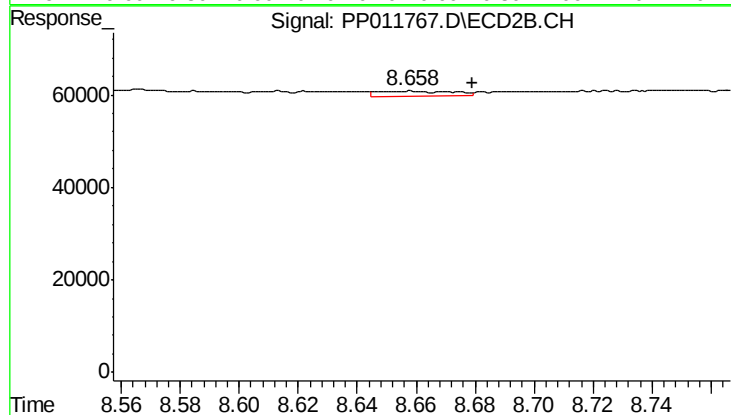
#43 AR-1268-3

R.T.: 8.362 min
Delta R.T.: -0.002 min
Response: 43674
Conc: 7.10 ng/ml



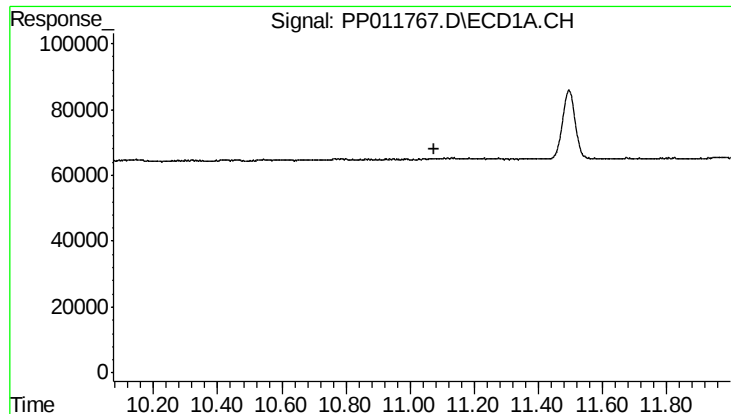
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.558 min
Response: 0
Conc: N.D.



#44 AR-1268-4

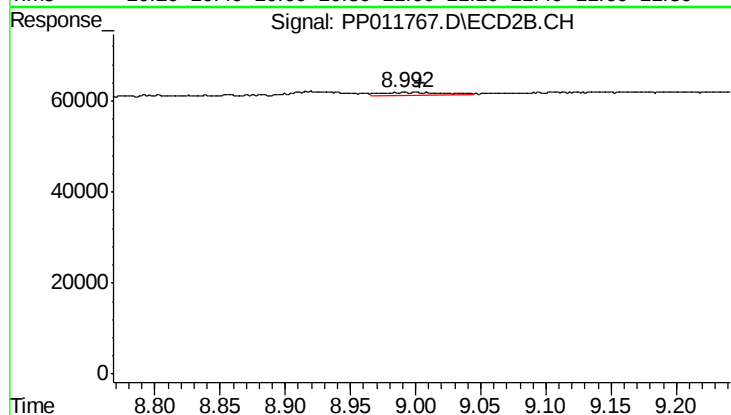
R.T.: 8.658 min
Delta R.T.: -0.022 min
Response: 18474
Conc: 7.10 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1221 LOQ SOIL



#45 AR-1268-5

R.T.: 8.992 min
Delta R.T.: -0.011 min
Response: 16974
Conc: 0.96 ng/ml