

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080921\
 Data File : PP038150.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Aug 2021 17:03
 Operator : AJ\MA
 Sample : M3316-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 00:49:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080521.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 06 03:08:47 2021
 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...	4.894	3.881	870832	530200	19.595	20.586
2)	SA Decachlor...	10.886	9.148	384572	446591	16.905	17.261
Target Compounds							
3)	L1 AR-1016-1	6.212	5.125	17827	11712	12.004	12.125
4)	L1 AR-1016-2	6.236	5.145	34206	23954	16.061	17.880
5)	L1 AR-1016-3	0.000	5.335	0	13019	N.D.	17.695 #
6)	L1 AR-1016-4	0.000	5.388	0	20386	N.D.	35.888 #
7)	L1 AR-1016-5	6.723	5.617	29614	21768	29.530	28.369
8)	L2 AR-1221-1	5.145	0.000	47107	0	86.907	N.D. #
9)	L2 AR-1221-2	0.000	4.227	0	9663	N.D.	41.056 #
10)	L2 AR-1221-3	0.000	4.321	0	3223	N.D.	4.371 #
11)	L3 AR-1232-1	0.000	4.321	0	3223	N.D.	4.754 #
12)	L3 AR-1232-2	0.000	5.145	0	23954	N.D.	39.341 #
13)	L3 AR-1232-3	6.236	5.335	34206	13019	34.754	40.087
14)	L3 AR-1232-4	0.000	5.432	0	24092	N.D.	81.549 #
15)	L3 AR-1232-5	6.507	5.617	22965	21768	72.289	58.737
16)	L4 AR-1242-1	6.212	5.125	17827	11712	15.749	16.253
17)	L4 AR-1242-2	6.236	5.145	34206	23954	21.259	23.966
18)	L4 AR-1242-3	0.000	5.335	0	13019	N.D.	23.533 #
19)	L4 AR-1242-4	0.000	5.432	0	24092	N.D.	45.856 #
20)	L4 AR-1242-5	7.192	5.994	32919	46643	39.921	72.185 #
21)	L5 AR-1248-1	6.212	5.125	17827	11712	20.981	22.130
22)	L5 AR-1248-2	6.507	5.388	22965	20386	21.243	27.449 #
23)	L5 AR-1248-3	6.723	5.432	29614	24092	23.238	30.618 #
24)	L5 AR-1248-4	7.154	5.617	23769	21768	17.605	23.621 #
25)	L5 AR-1248-5	7.192	6.036	32919	36814	24.899	39.104 #
26)	L6 AR-1254-1	7.122	5.994	31775	46643	24.386	34.864 #
27)	L6 AR-1254-2	7.353	6.155	62006	44990	32.784	39.255
28)	L6 AR-1254-3	7.739	6.570	70366	59563	35.468	31.550
29)	L6 AR-1254-4	8.031	6.810	17666	37986	12.309	31.549 #
30)	L6 AR-1254-5	8.459	7.241	20060	46454	13.803	28.151 #
31)	L7 AR-1260-1	0.000	6.711	0	83422	N.D.	64.072 #
32)	L7 AR-1260-2	8.165	6.909	125666	38182	72.991	24.540 #
33)	L7 AR-1260-3	0.000	7.058	0	18345	N.D.	12.052 #
34)	L7 AR-1260-4	8.759	7.543	-2755	8344	N.D.	6.820 #
35)	L7 AR-1260-5	9.087	7.794	21974	19559	8.276	6.697
36)	L8 AR-1262-1	0.000	7.241	0	46454	N.D.	50.824 #
37)	L8 AR-1262-2	9.087	7.794	21974	19559	7.732	6.320
38)	L8 AR-1262-3	0.000	8.076	0	16587	N.D.	13.112 #
39)	L8 AR-1262-4	0.000	8.140	0	24725	N.D.	10.442 #
41)	L9 AR-1268-1	0.000	8.076	0	16587	N.D.	4.571 #
42)	L9 AR-1268-2	0.000	8.140	0	24725	N.D.	7.237 #
43)	L9 AR-1268-3	0.000	8.348	0	13481	N.D.	4.731 #

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 Operator : AJ\MA
 Sample : M3316-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

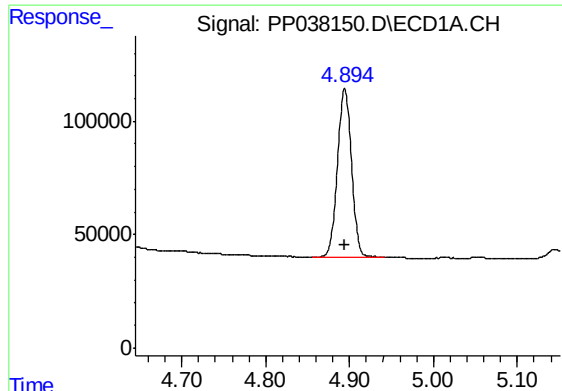
Instrument :
 ECD_P
 ClientSampleId :
 SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 00:49:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080521.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	8.913	0	23309	N.D.	2.456 #

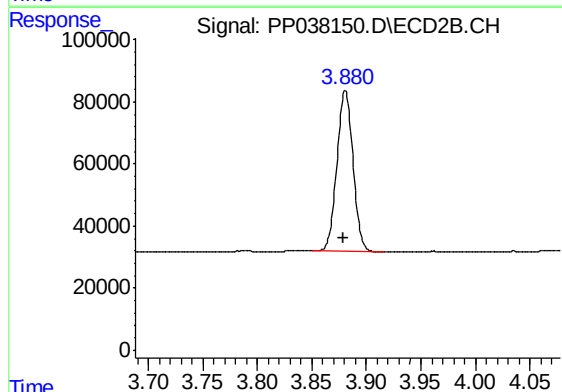
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

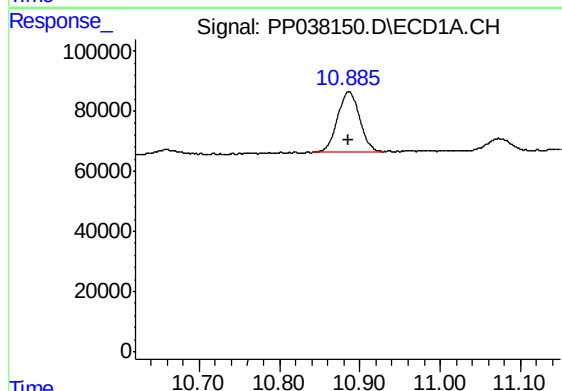
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 870832
Conc: 19.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL



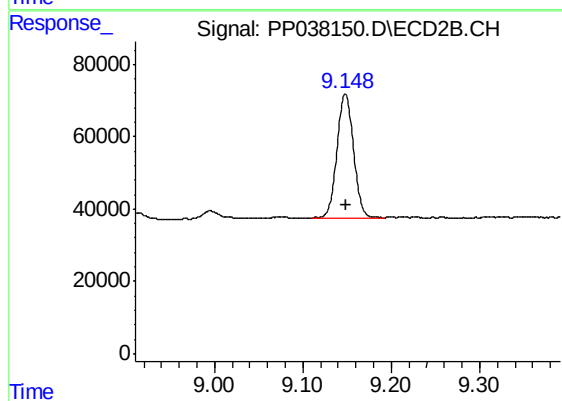
#1 Tetrachloro-m-xylene

R.T.: 3.881 min
Delta R.T.: 0.002 min
Response: 530200
Conc: 20.59 ng/ml



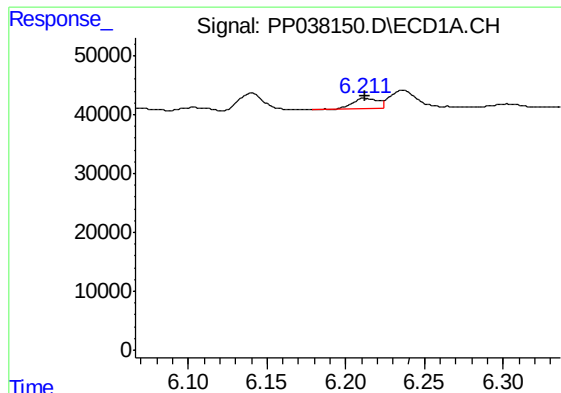
#2 Decachlorobiphenyl

R.T.: 10.886 min
Delta R.T.: 0.000 min
Response: 384572
Conc: 16.91 ng/ml



#2 Decachlorobiphenyl

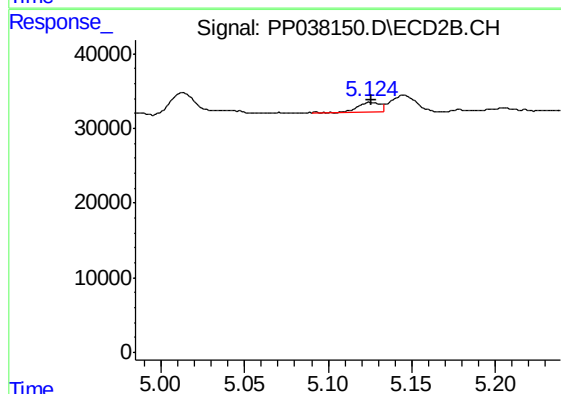
R.T.: 9.148 min
Delta R.T.: 0.000 min
Response: 446591
Conc: 17.26 ng/ml



#3 AR-1016-1

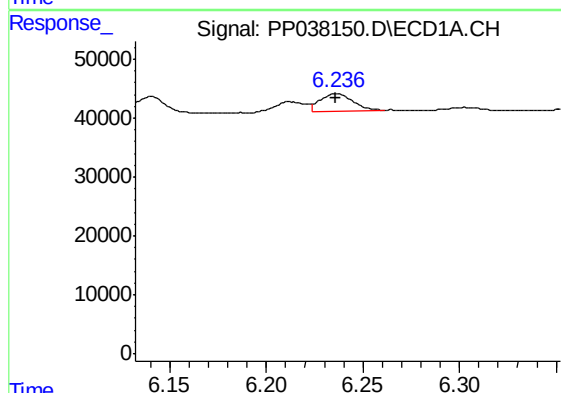
R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 17827
Conc: 12.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL



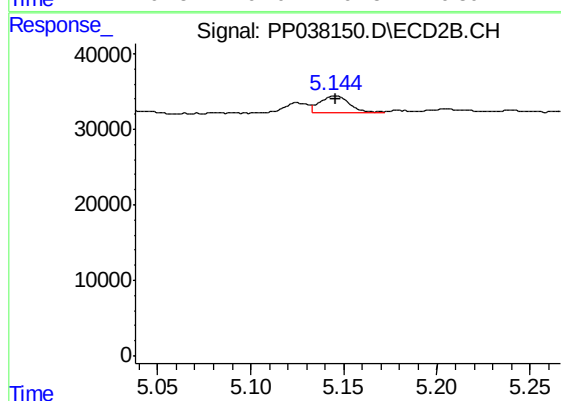
#3 AR-1016-1

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 11712
Conc: 12.13 ng/ml



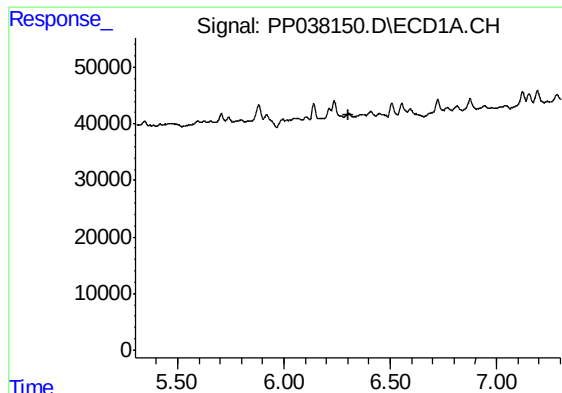
#4 AR-1016-2

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 34206
Conc: 16.06 ng/ml



#4 AR-1016-2

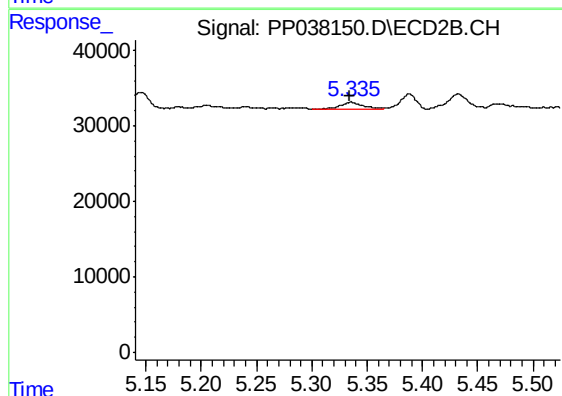
R.T.: 5.145 min
Delta R.T.: 0.000 min
Response: 23954
Conc: 17.88 ng/ml



#5 AR-1016-3

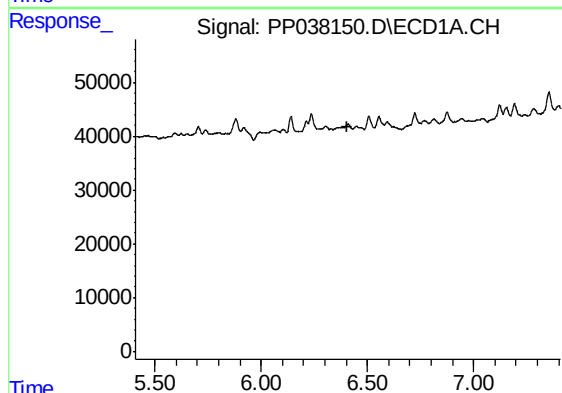
R.T.: 0.000 min
Exp R.T.: 6.301 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
SOIL



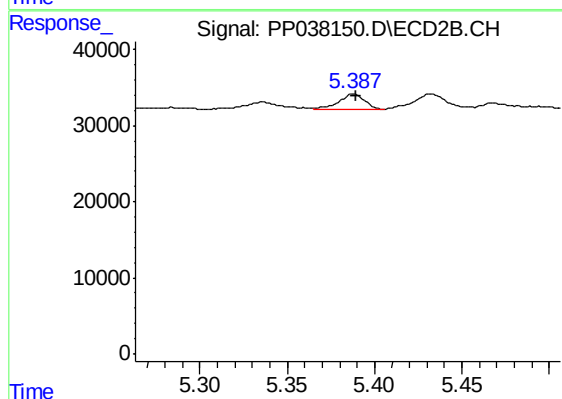
#5 AR-1016-3

R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 13019
Conc: 17.70 ng/ml



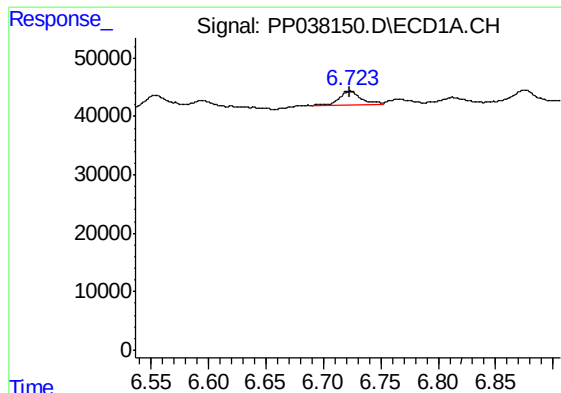
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.408 min
Response: 0
Conc: N.D.



#6 AR-1016-4

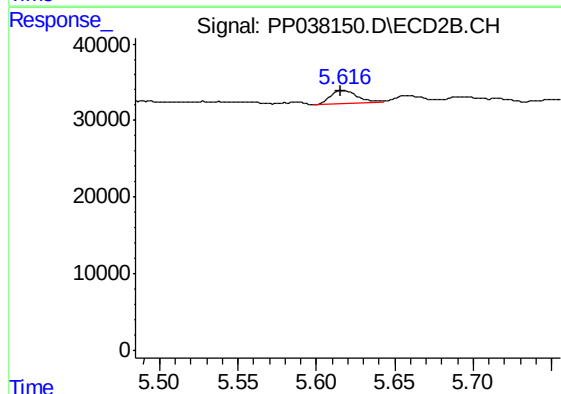
R.T.: 5.388 min
Delta R.T.: -0.001 min
Response: 20386
Conc: 35.89 ng/ml



#7 AR-1016-5

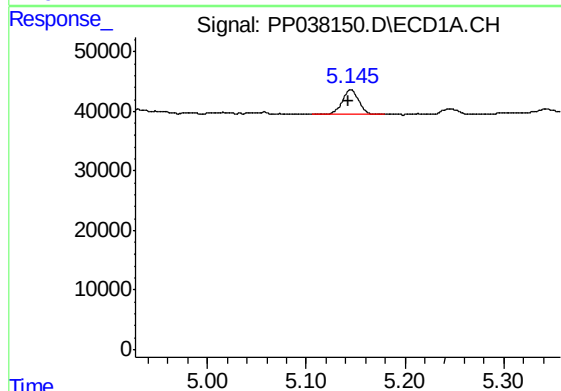
R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 29614
Conc: 29.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL



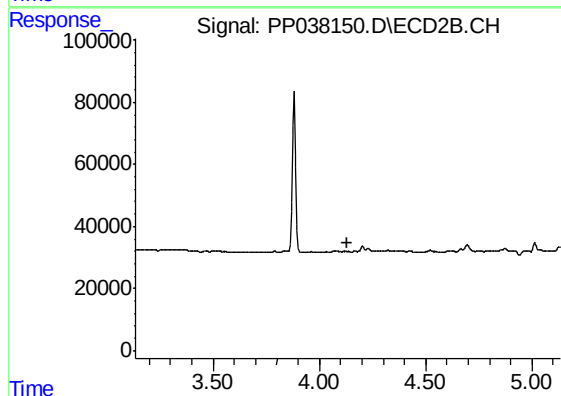
#7 AR-1016-5

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 21768
Conc: 28.37 ng/ml



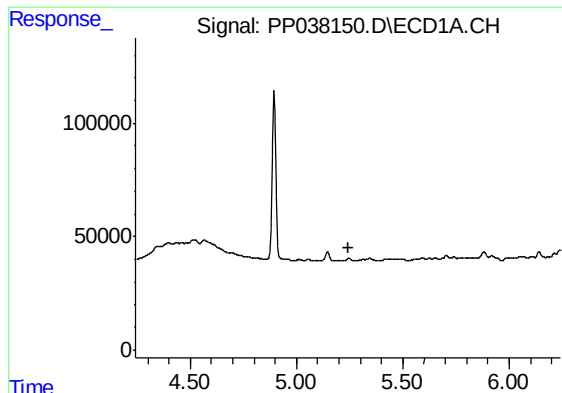
#8 AR-1221-1

R.T.: 5.145 min
Delta R.T.: 0.002 min
Response: 47107
Conc: 86.91 ng/ml



#8 AR-1221-1

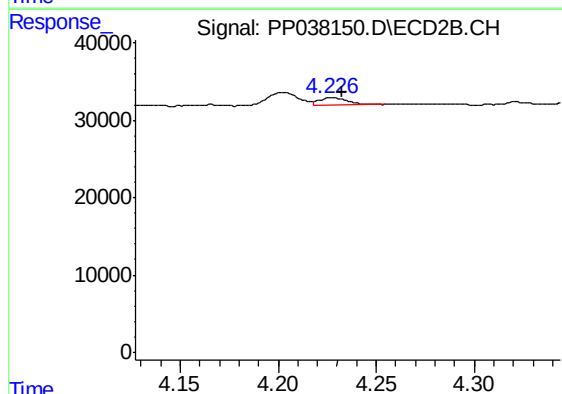
R.T.: 0.000 min
Exp R.T. : 4.134 min
Response: 0
Conc: N.D.



#9 AR-1221-2

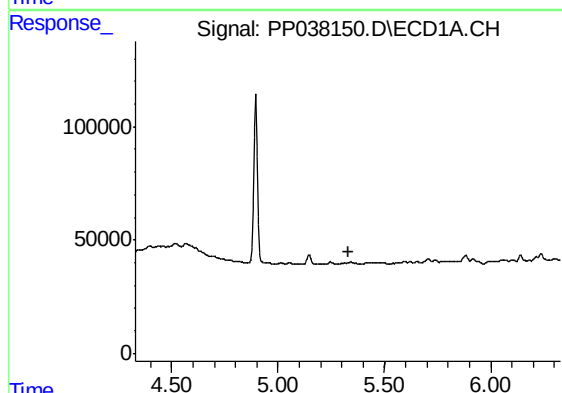
R.T.: 0.000 min
Exp R.T. : 5.242 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
SOIL



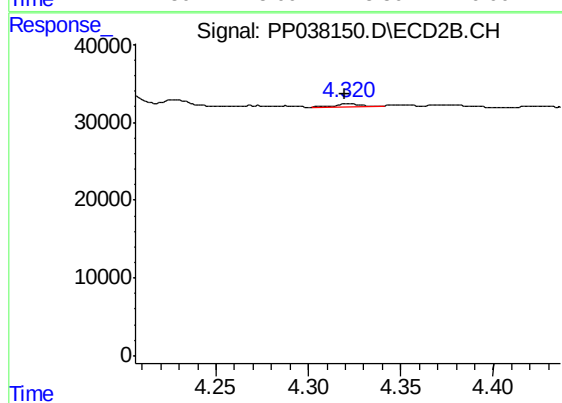
#9 AR-1221-2

R.T.: 4.227 min
Delta R.T.: -0.006 min
Response: 9663
Conc: 41.06 ng/ml



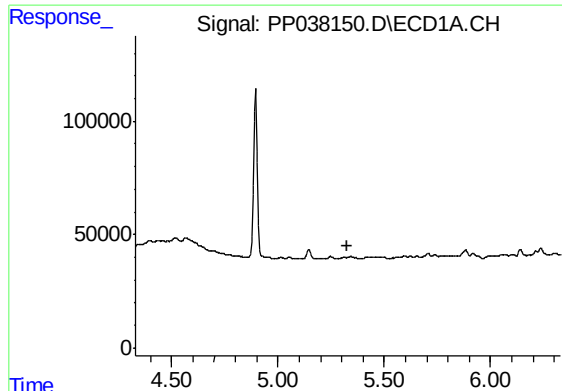
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.329 min
Response: 0
Conc: N.D.



#10 AR-1221-3

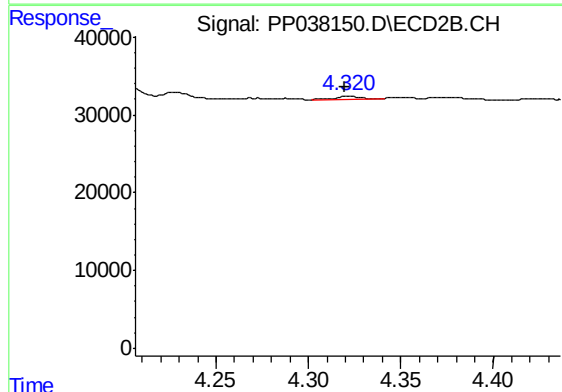
R.T.: 4.321 min
Delta R.T.: 0.001 min
Response: 3223
Conc: 4.37 ng/ml



#11 AR-1232-1

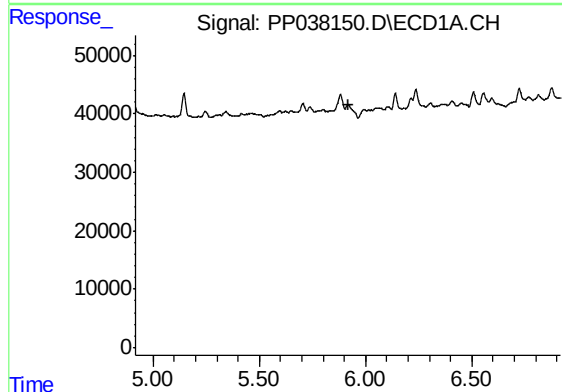
R.T.: 0.000 min
Exp R.T. : 5.329 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
SOIL



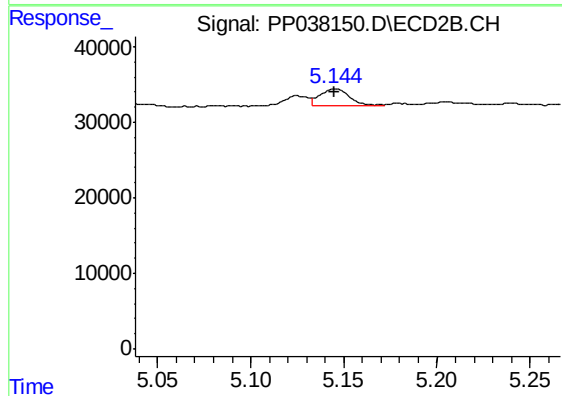
#11 AR-1232-1

R.T.: 4.321 min
Delta R.T.: 0.001 min
Response: 3223
Conc: 4.75 ng/ml



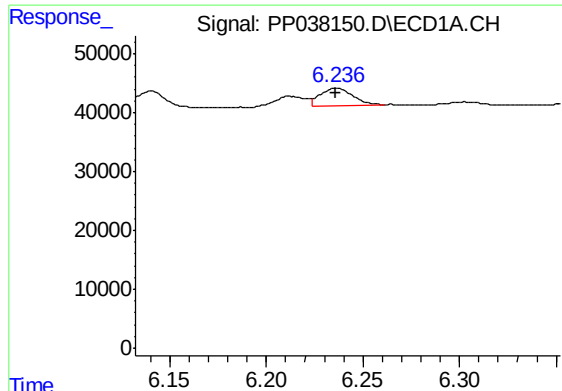
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.917 min
Response: 0
Conc: N.D.



#12 AR-1232-2

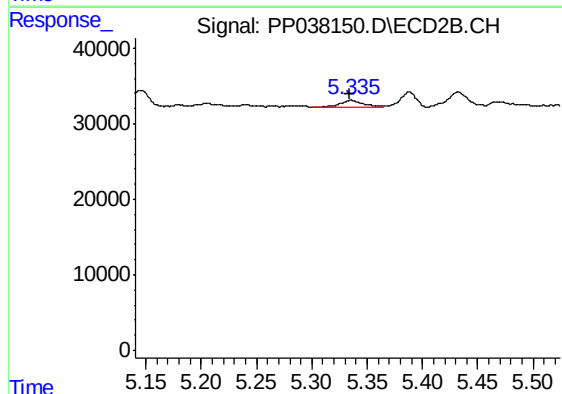
R.T.: 5.145 min
Delta R.T.: 0.000 min
Response: 23954
Conc: 39.34 ng/ml



#13 AR-1232-3

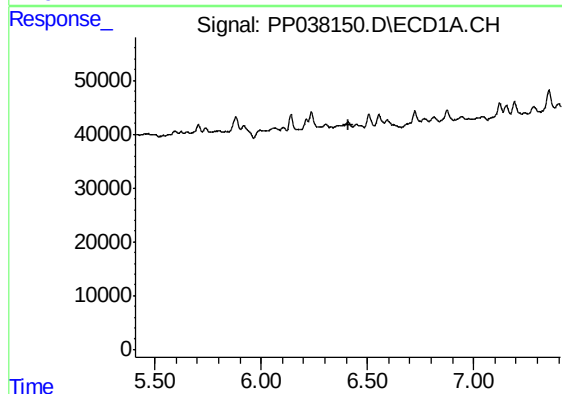
R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 34206
Conc: 34.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL



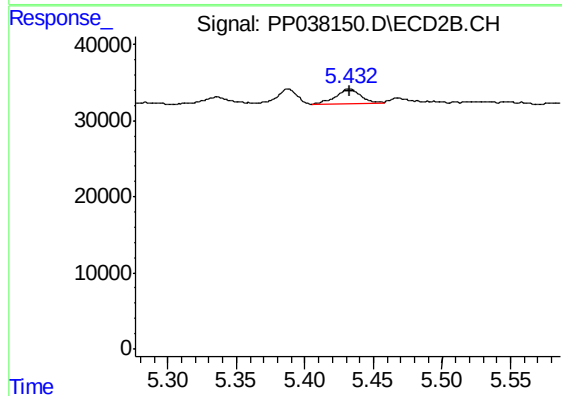
#13 AR-1232-3

R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 13019
Conc: 40.09 ng/ml



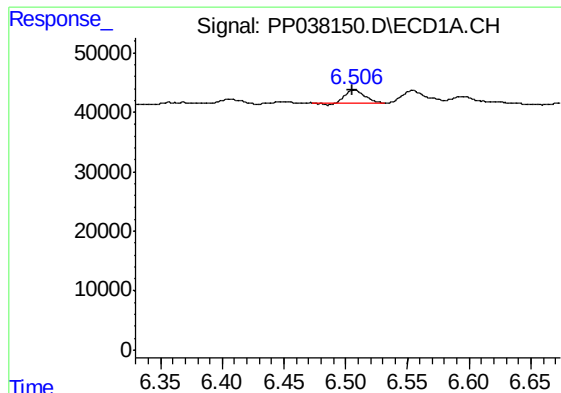
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.409 min
Response: 0
Conc: N.D.



#14 AR-1232-4

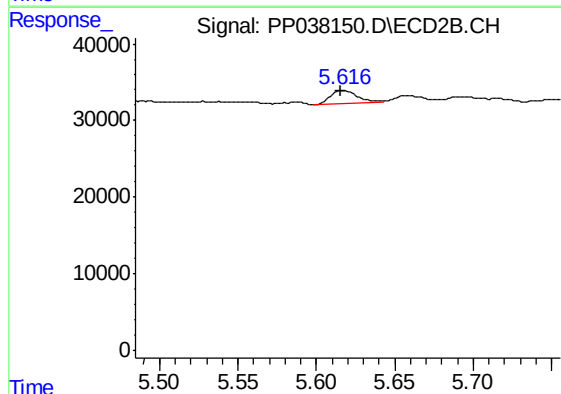
R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 24092
Conc: 81.55 ng/ml



#15 AR-1232-5

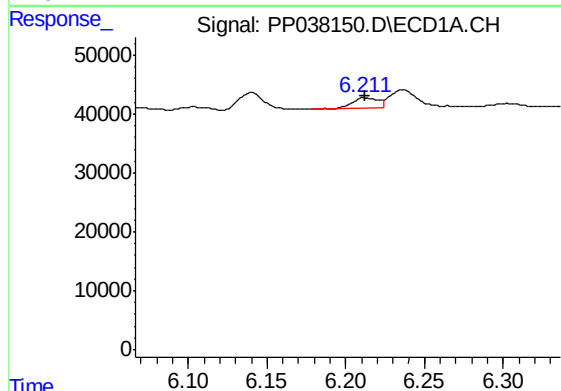
R.T.: 6.507 min
Delta R.T.: 0.001 min
Response: 22965
Conc: 72.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL



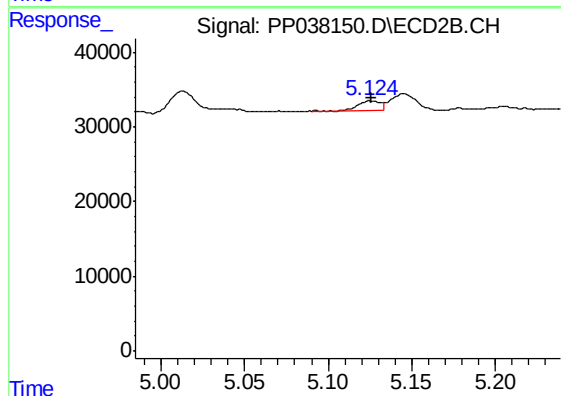
#15 AR-1232-5

R.T.: 5.617 min
Delta R.T.: 0.001 min
Response: 21768
Conc: 58.74 ng/ml



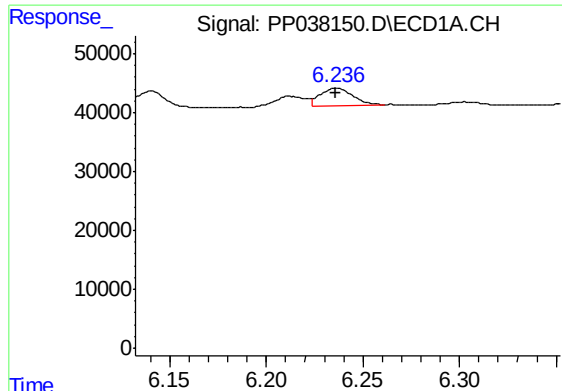
#16 AR-1242-1

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 17827
Conc: 15.75 ng/ml



#16 AR-1242-1

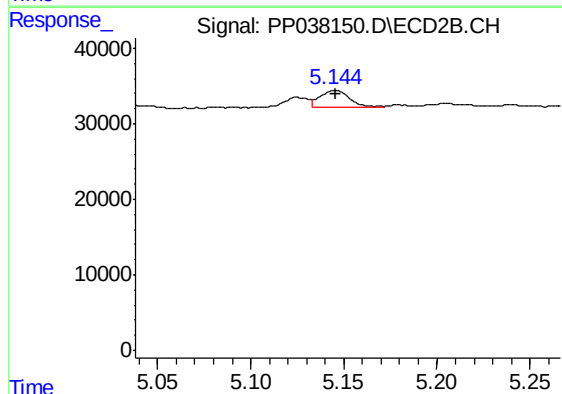
R.T.: 5.125 min
Delta R.T.: -0.001 min
Response: 11712
Conc: 16.25 ng/ml



#17 AR-1242-2

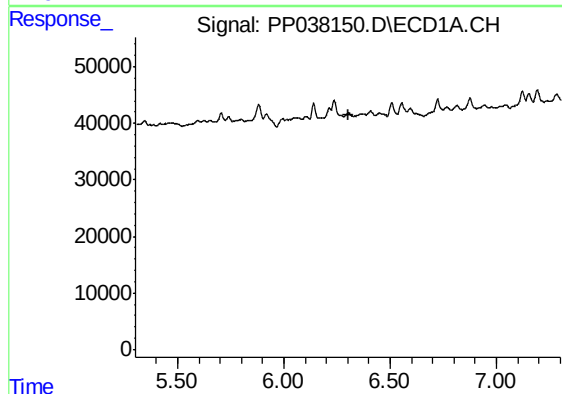
R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 34206
Conc: 21.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL



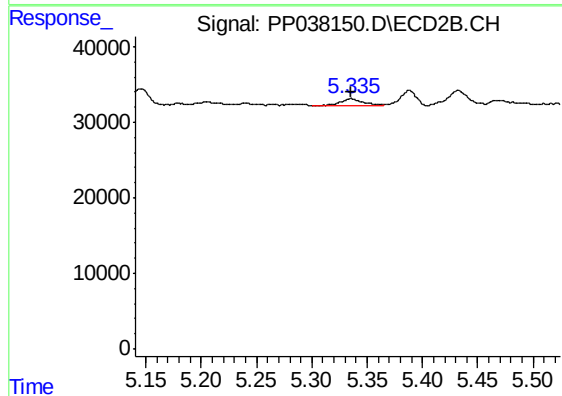
#17 AR-1242-2

R.T.: 5.145 min
Delta R.T.: 0.000 min
Response: 23954
Conc: 23.97 ng/ml



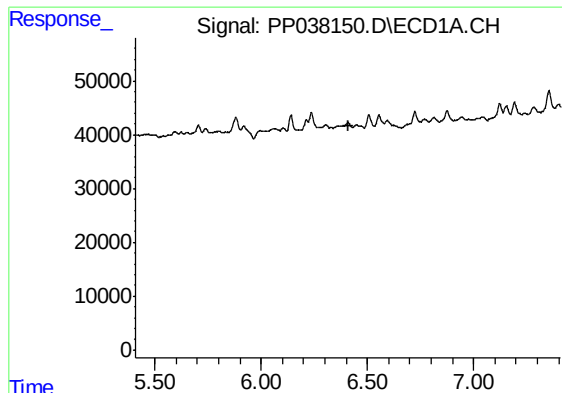
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.301 min
Response: 0
Conc: N.D.



#18 AR-1242-3

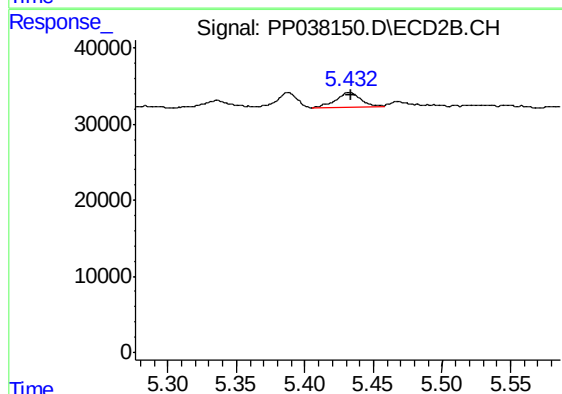
R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 13019
Conc: 23.53 ng/ml



#19 AR-1242-4

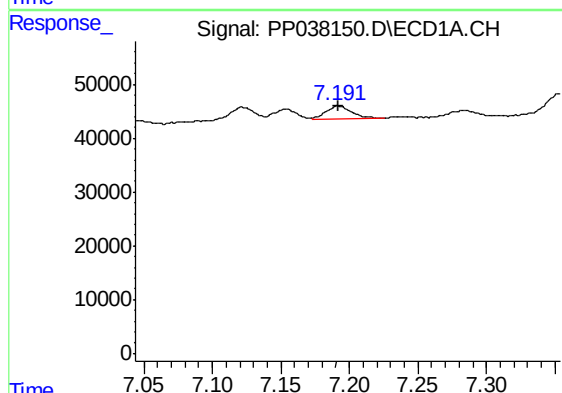
R.T.: 0.000 min
Exp R.T.: 6.409 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
SOIL



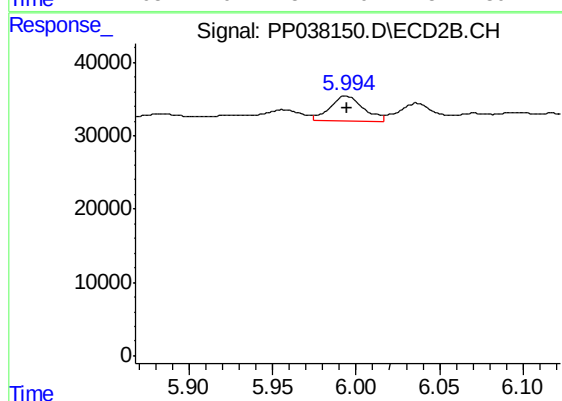
#19 AR-1242-4

R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 24092
Conc: 45.86 ng/ml



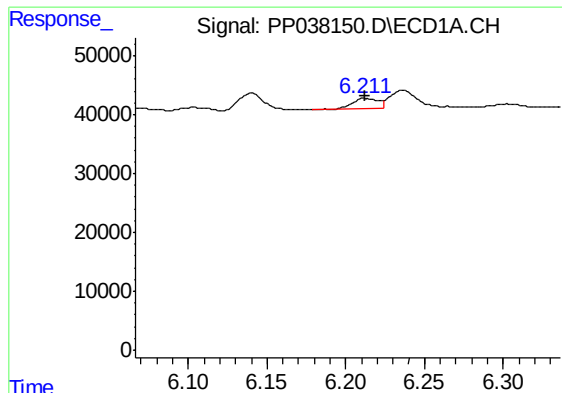
#20 AR-1242-5

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 32919
Conc: 39.92 ng/ml



#20 AR-1242-5

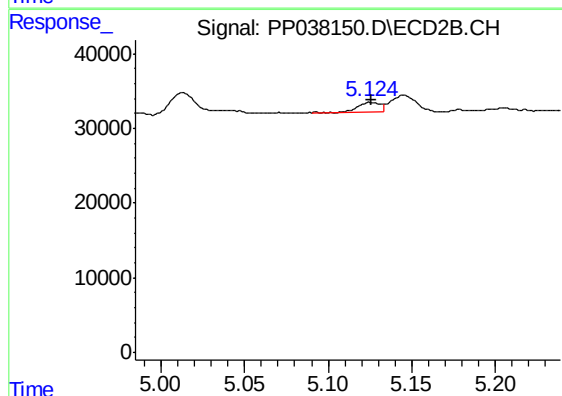
R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 46643
Conc: 72.19 ng/ml



#21 AR-1248-1

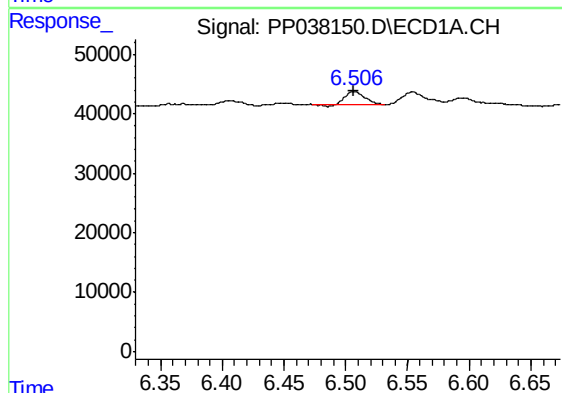
R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 17827
Conc: 20.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL



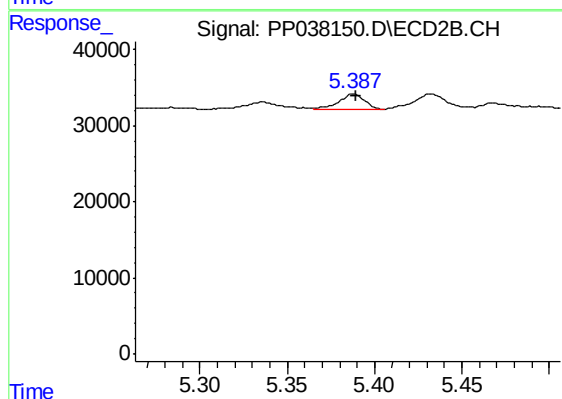
#21 AR-1248-1

R.T.: 5.125 min
Delta R.T.: -0.001 min
Response: 11712
Conc: 22.13 ng/ml



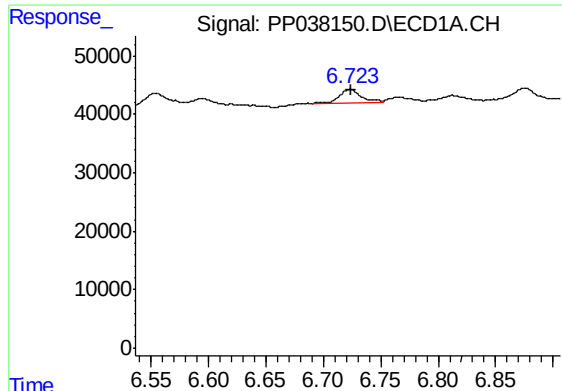
#22 AR-1248-2

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 22965
Conc: 21.24 ng/ml



#22 AR-1248-2

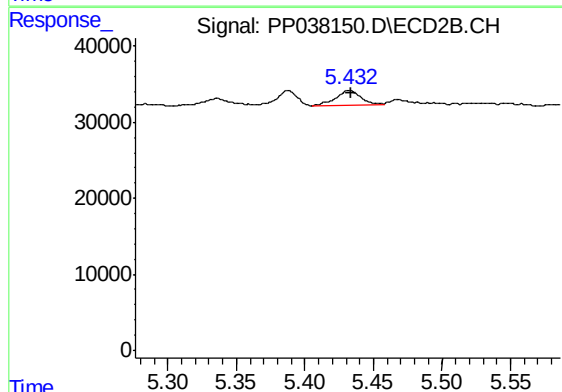
R.T.: 5.388 min
Delta R.T.: -0.002 min
Response: 20386
Conc: 27.45 ng/ml



#23 AR-1248-3

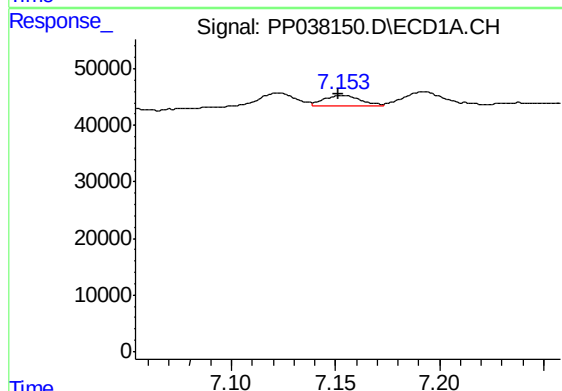
R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 29614
Conc: 23.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL



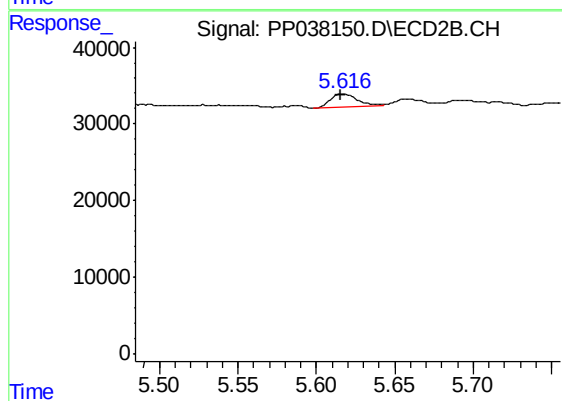
#23 AR-1248-3

R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 24092
Conc: 30.62 ng/ml



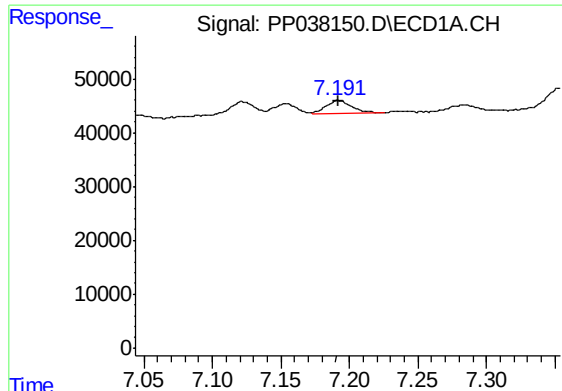
#24 AR-1248-4

R.T.: 7.154 min
Delta R.T.: 0.002 min
Response: 23769
Conc: 17.60 ng/ml



#24 AR-1248-4

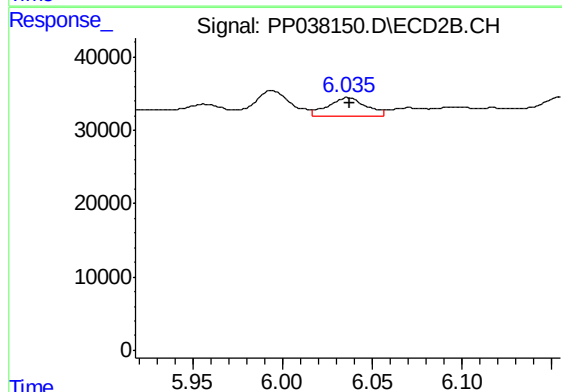
R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 21768
Conc: 23.62 ng/ml



#25 AR-1248-5

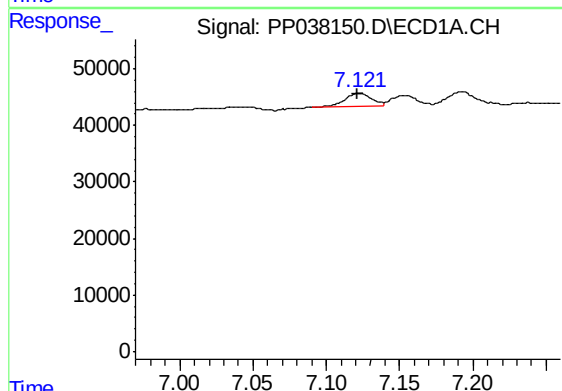
R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 32919
Conc: 24.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL



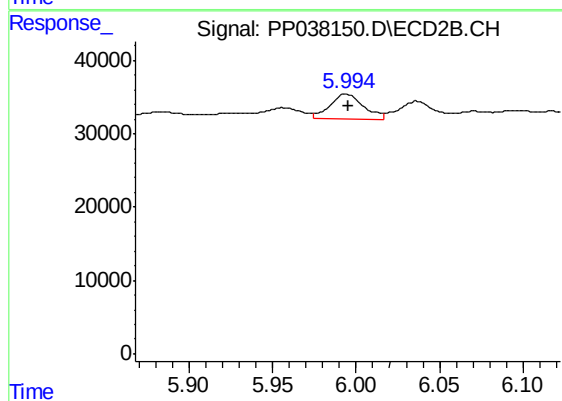
#25 AR-1248-5

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 36814
Conc: 39.10 ng/ml



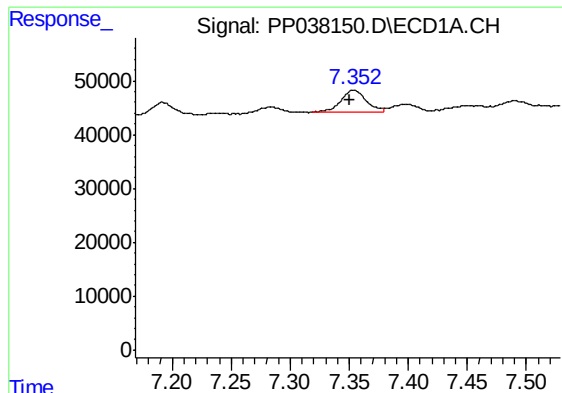
#26 AR-1254-1

R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 31775
Conc: 24.39 ng/ml



#26 AR-1254-1

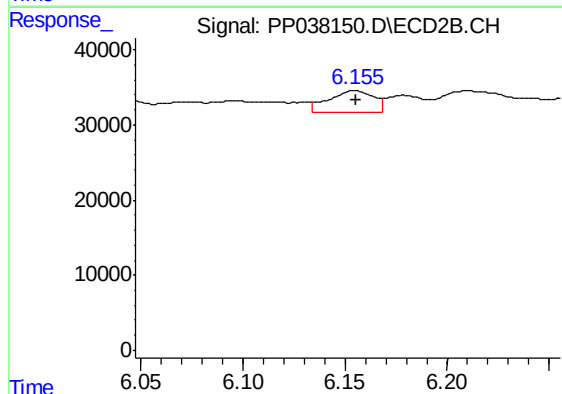
R.T.: 5.994 min
Delta R.T.: -0.001 min
Response: 46643
Conc: 34.86 ng/ml



#27 AR-1254-2

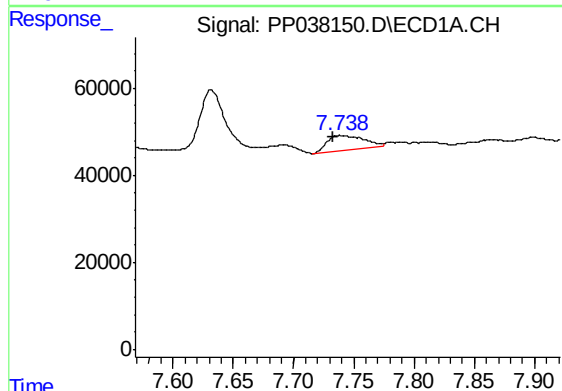
R.T.: 7.353 min
Delta R.T.: 0.002 min
Response: 62006
Conc: 32.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL



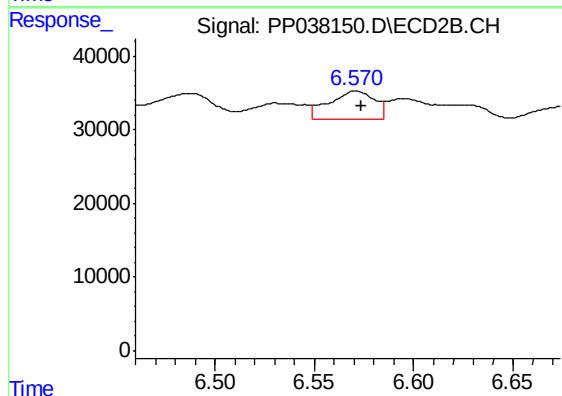
#27 AR-1254-2

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 44990
Conc: 39.25 ng/ml



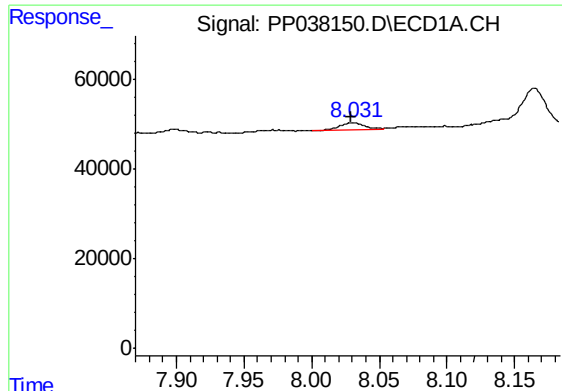
#28 AR-1254-3

R.T.: 7.739 min
Delta R.T.: 0.005 min
Response: 70366
Conc: 35.47 ng/ml



#28 AR-1254-3

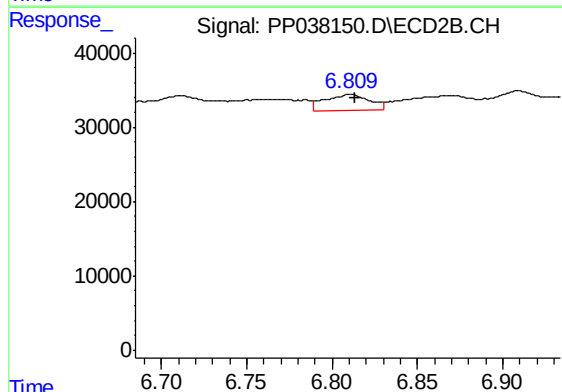
R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 59563
Conc: 31.55 ng/ml



#29 AR-1254-4

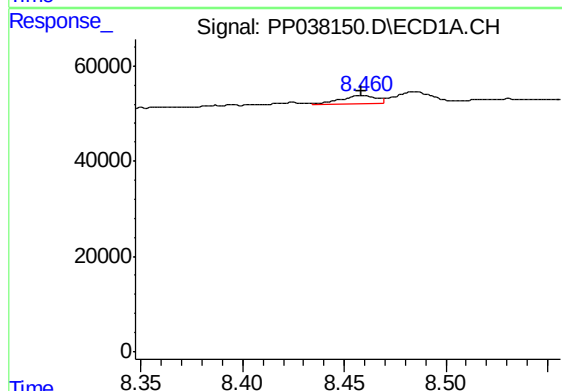
R.T.: 8.031 min
Delta R.T.: 0.001 min
Response: 17666
Conc: 12.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL



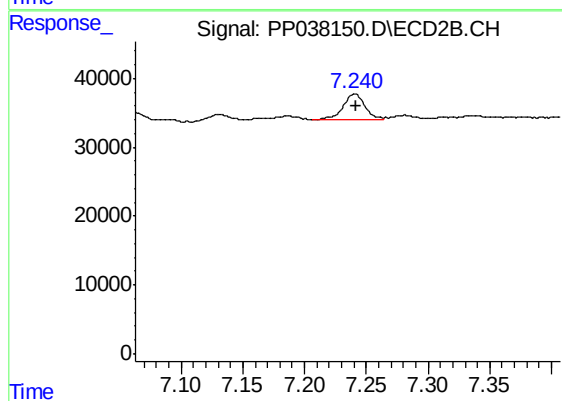
#29 AR-1254-4

R.T.: 6.810 min
Delta R.T.: -0.003 min
Response: 37986
Conc: 31.55 ng/ml



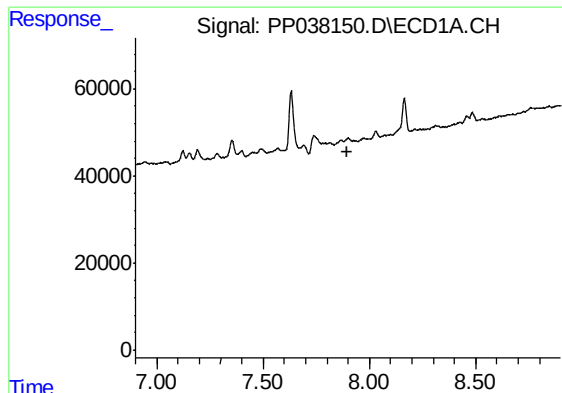
#30 AR-1254-5

R.T.: 8.459 min
Delta R.T.: 0.000 min
Response: 20060
Conc: 13.80 ng/ml



#30 AR-1254-5

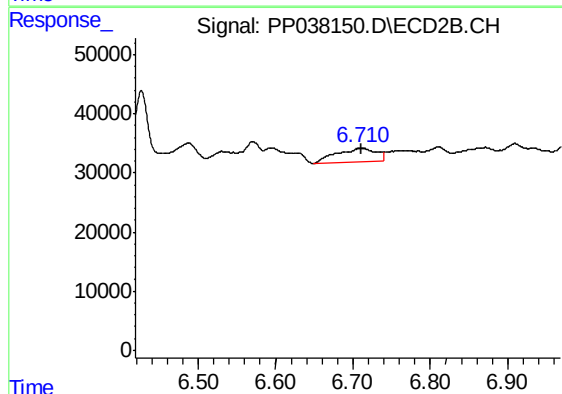
R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 46454
Conc: 28.15 ng/ml



#31 AR-1260-1

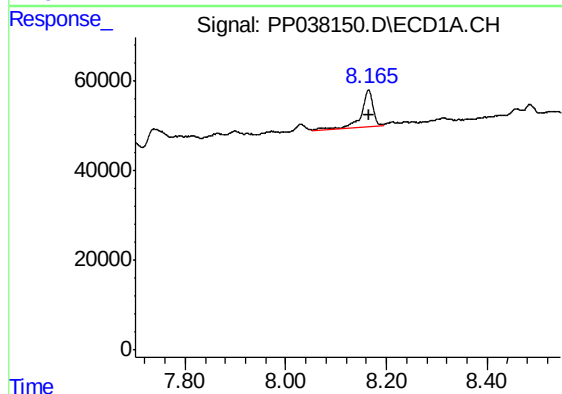
R.T.: 0.000 min
Exp R.T.: 7.899 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
SOIL



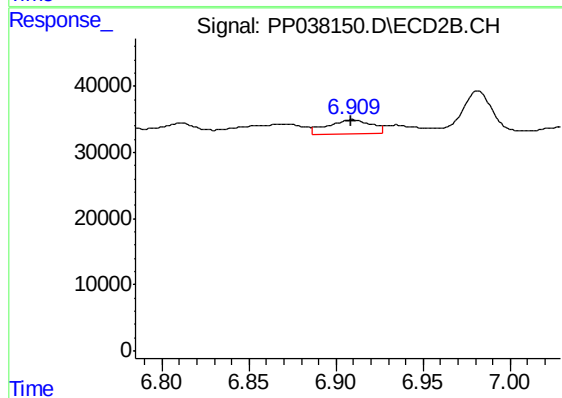
#31 AR-1260-1

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 83422
Conc: 64.07 ng/ml



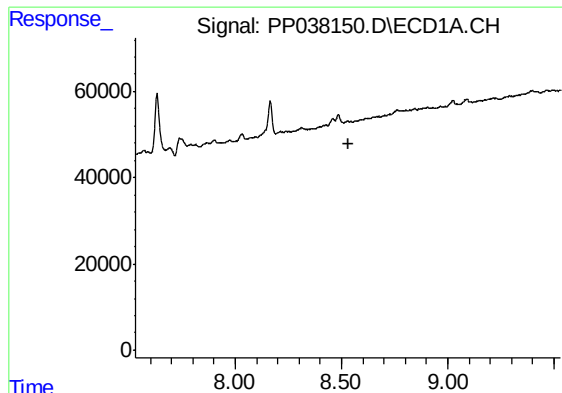
#32 AR-1260-2

R.T.: 8.165 min
Delta R.T.: -0.001 min
Response: 125666
Conc: 72.99 ng/ml



#32 AR-1260-2

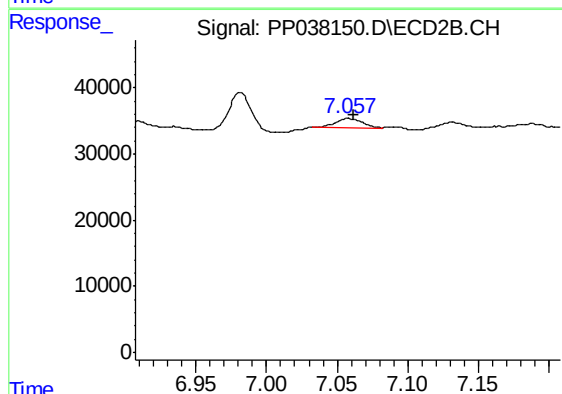
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 38182
Conc: 24.54 ng/ml



#33 AR-1260-3

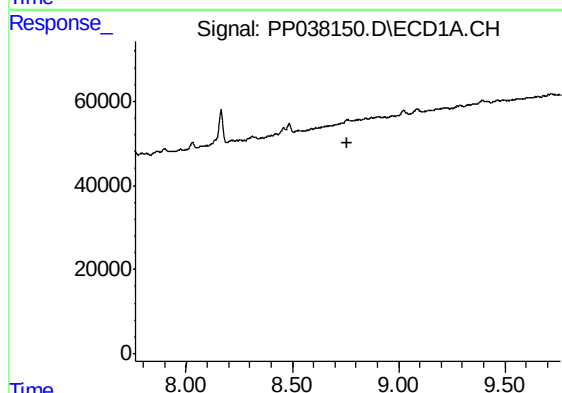
R.T.: 0.000 min
Exp R.T. : 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
SOIL



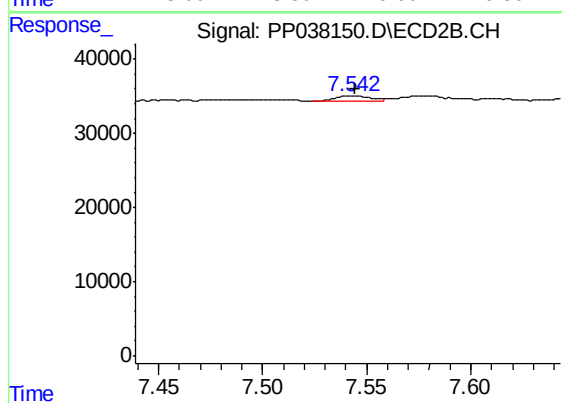
#33 AR-1260-3

R.T.: 7.058 min
Delta R.T.: -0.004 min
Response: 18345
Conc: 12.05 ng/ml



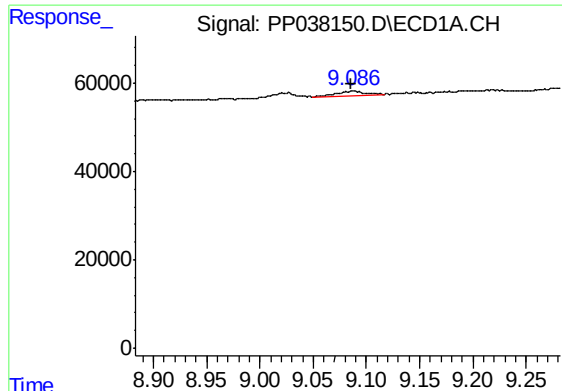
#34 AR-1260-4

R.T.: 8.759 min
Delta R.T.: -0.003 min
Response: -2755
Conc: N.D.



#34 AR-1260-4

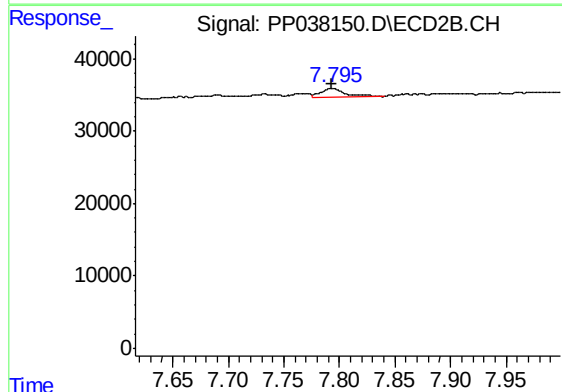
R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 8344
Conc: 6.82 ng/ml



#35 AR-1260-5

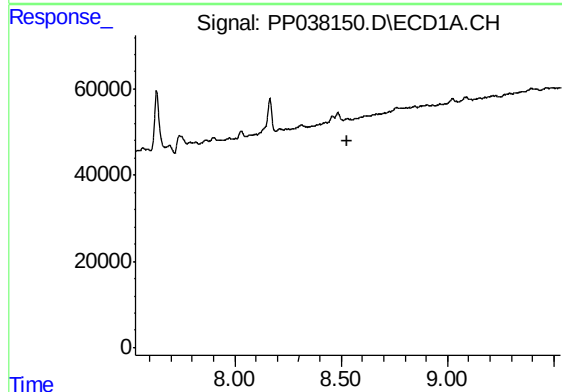
R.T.: 9.087 min
Delta R.T.: 0.002 min
Response: 21974
Conc: 8.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL



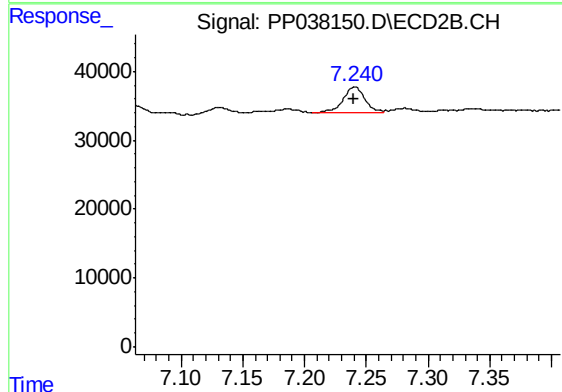
#35 AR-1260-5

R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 19559
Conc: 6.70 ng/ml



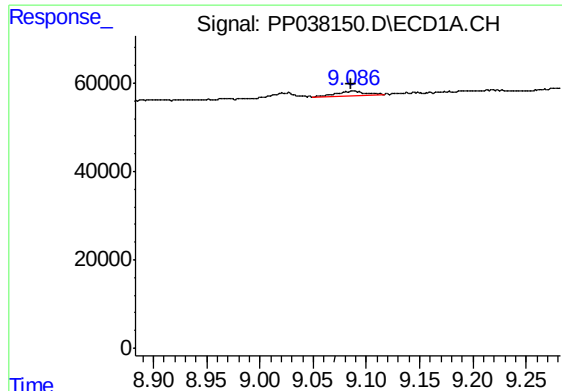
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.531 min
Response: 0
Conc: N.D.



#36 AR-1262-1

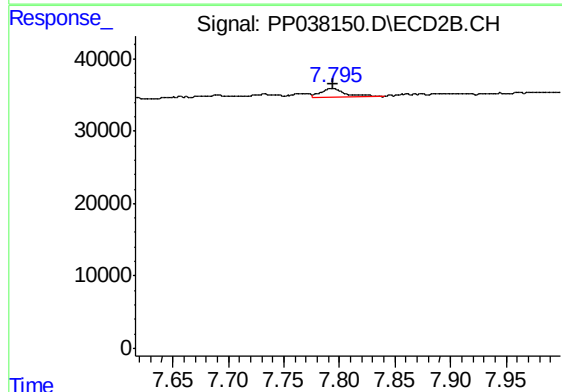
R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 46454
Conc: 50.82 ng/ml



#37 AR-1262-2

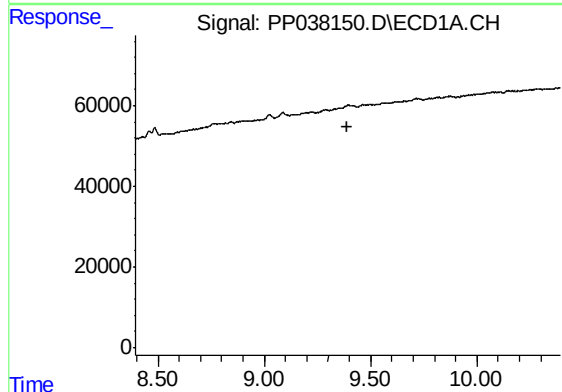
R.T.: 9.087 min
Delta R.T.: 0.001 min
Response: 21974
Conc: 7.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL



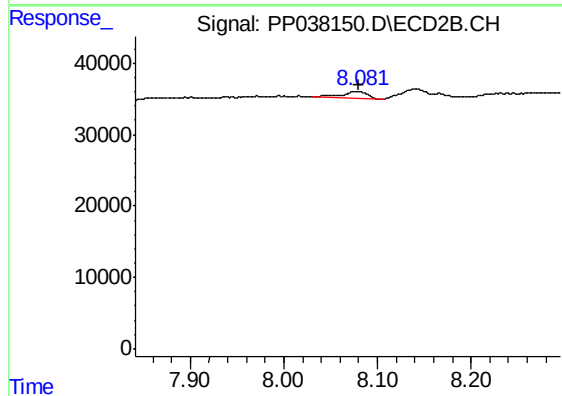
#37 AR-1262-2

R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 19559
Conc: 6.32 ng/ml



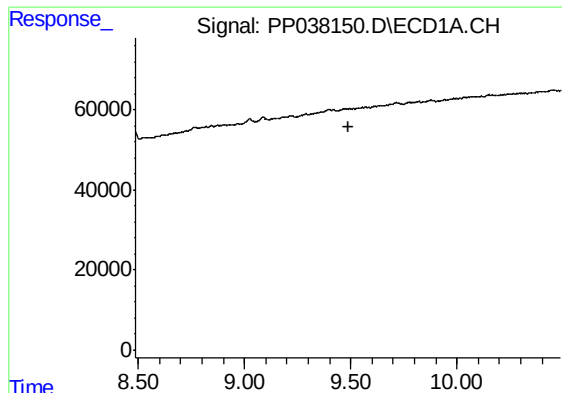
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.393 min
Response: 0
Conc: N.D.



#38 AR-1262-3

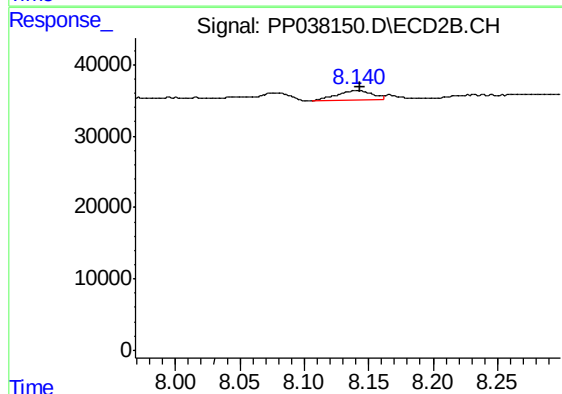
R.T.: 8.076 min
Delta R.T.: -0.003 min
Response: 16587
Conc: 13.11 ng/ml



#39 AR-1262-4

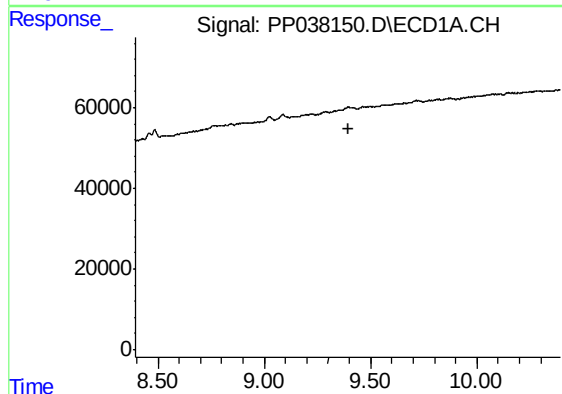
R.T.: 0.000 min
Exp R.T. : 9.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
SOIL



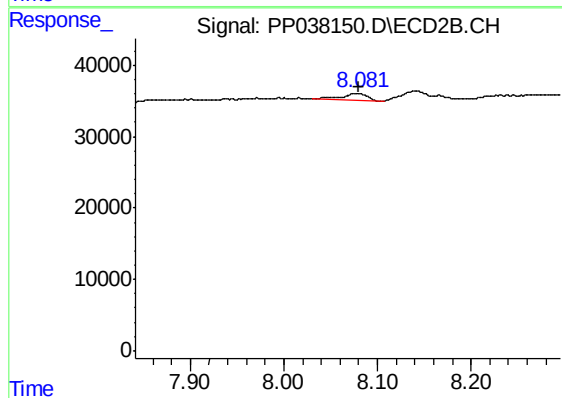
#39 AR-1262-4

R.T.: 8.140 min
Delta R.T.: -0.003 min
Response: 24725
Conc: 10.44 ng/ml



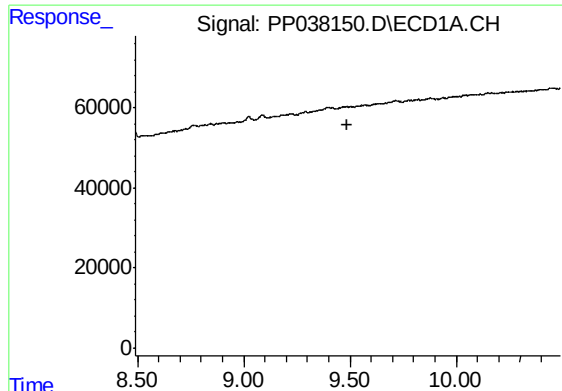
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.394 min
Response: 0
Conc: N.D.



#41 AR-1268-1

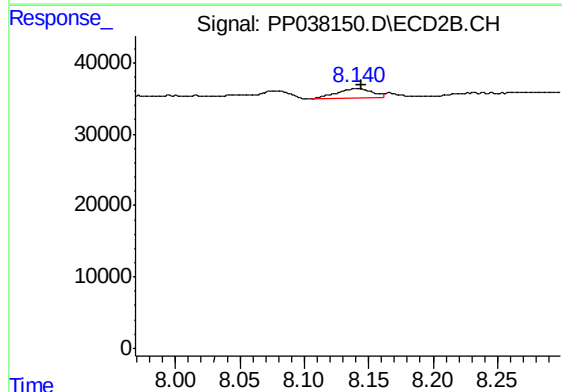
R.T.: 8.076 min
Delta R.T.: -0.003 min
Response: 16587
Conc: 4.57 ng/ml



#42 AR-1268-2

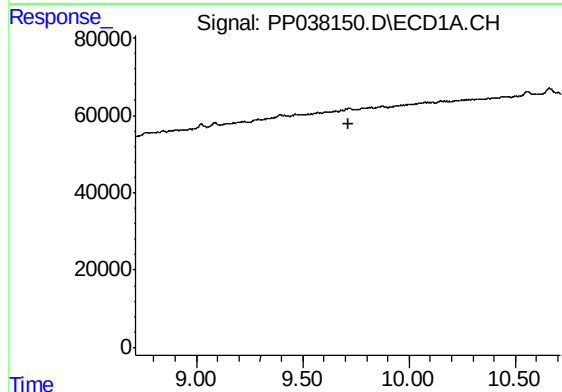
R.T.: 0.000 min
Exp R.T. : 9.490 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
SOIL



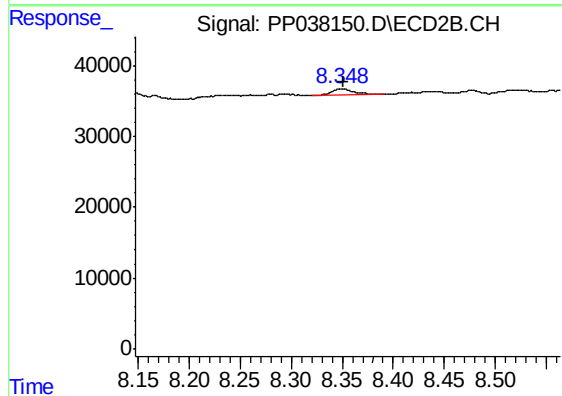
#42 AR-1268-2

R.T.: 8.140 min
Delta R.T.: -0.004 min
Response: 24725
Conc: 7.24 ng/ml



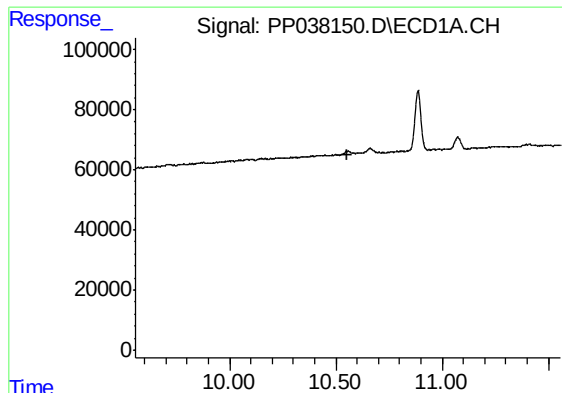
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.713 min
Response: 0
Conc: N.D.



#43 AR-1268-3

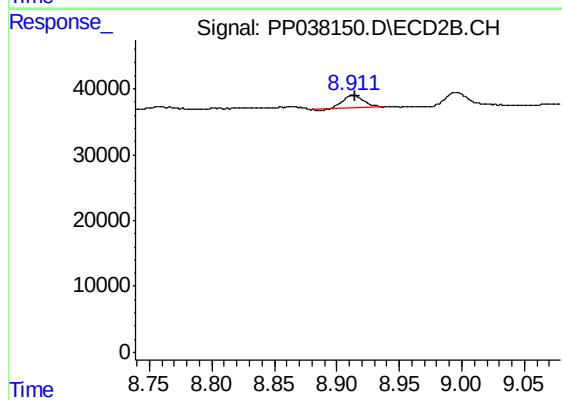
R.T.: 8.348 min
Delta R.T.: -0.002 min
Response: 13481
Conc: 4.73 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.557 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
SOIL



#45 AR-1268-5

R.T.: 8.913 min
Delta R.T.: -0.002 min
Response: 23309
Conc: 2.46 ng/ml