

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101123\
 Data File : PP060923.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2023 19:38
 Operator : YP\AJ
 Sample : 04828-05 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 23:02:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.535	3.686	3798673	2349018	1.696	1.578
2)	SA Decachlor...	10.477	8.755	3086599	2842307	1.748	1.742
Target Compounds							
3)	L1 AR-1016-1	0.000	4.797	0	173928	N.D.	2.993 #
4)	L1 AR-1016-2	0.000	4.797	0	173928	N.D.	2.160 #
5)	L1 AR-1016-3	5.799	4.973	348888	14479	5.338	0.324 #
6)	L1 AR-1016-4	0.000	5.018	0	15468	N.D.	0.430 #
7)	L1 AR-1016-5	0.000	5.242	0	25552	N.D.	0.526 #
8)	L2 AR-1221-1	0.000	3.898	0	14671	N.D.	0.702 #
9)	L2 AR-1221-2	4.848f	3.987	598351	18128	28.006	1.216 #
10)	L2 AR-1221-3	0.000	4.072	0	24377	N.D.	0.555 #
11)	L3 AR-1232-1	0.000	4.072	0	24377	N.D.	0.670 #
12)	L3 AR-1232-2	0.000	4.797	0	173928	N.D.	4.769 #
13)	L3 AR-1232-3	0.000	4.973	0	14479	N.D.	0.723 #
14)	L3 AR-1232-4	0.000	5.093f	0	55886	N.D.	2.994 #
15)	L3 AR-1232-5	6.034f	5.242	408451	25552	19.711	1.228 #
16)	L4 AR-1242-1	0.000	4.797	0	173928	N.D.	3.435 #
17)	L4 AR-1242-2	0.000	4.797	0	173928	N.D.	2.505 #
18)	L4 AR-1242-3	5.799	4.973	348888	14479	6.197	0.376 #
19)	L4 AR-1242-4	0.000	5.093f	0	55886	N.D.	1.419 #
20)	L4 AR-1242-5	6.661	5.600	242485	18960	4.821	0.388 #
21)	L5 AR-1248-1	0.000	4.797	0	173928	N.D.	4.766 #
22)	L5 AR-1248-2	0.000	5.018	0	15468	N.D.	0.296 #
23)	L5 AR-1248-3	0.000	5.093f	0	55886	N.D.	1.007 #
24)	L5 AR-1248-4	6.620	5.242	552047	25552	6.675	0.388 #
25)	L5 AR-1248-5	6.661	5.639	242485	9641	3.013	0.150 #
26)	L6 AR-1254-1	0.000	5.600	0	18960	N.D.	0.192 #
27)	L6 AR-1254-2	0.000	5.742	0	106198	N.D.	1.236 #
28)	L6 AR-1254-3	7.187	6.154	855915	27873	6.440	0.194 #
29)	L6 AR-1254-4	7.484f	6.379	1316696	10691	13.389	0.123 #
30)	L6 AR-1254-5	7.886	6.800	3849074	7508	35.527	0.059 #
31)	L7 AR-1260-1	0.000	6.281	0	15046	N.D.	0.150 #
32)	L7 AR-1260-2	7.591	6.457	333532	804932	2.759	6.747 #
33)	L7 AR-1260-3	7.985f	6.620	2431803	16823	26.236	0.147 #
34)	L7 AR-1260-4	8.205	7.099	2863962	23047	27.006	0.242 #
35)	L7 AR-1260-5	0.000	7.344	0	34666	N.D.	0.160 #
36)	L8 AR-1262-1	7.985f	6.890	2431803	42646	19.496	0.796 #
37)	L8 AR-1262-2	0.000	7.099	0	23047	N.D.	0.195 #
38)	L8 AR-1262-3	0.000	7.633	0	34402	N.D.	0.373 #
39)	L8 AR-1262-4	8.968f	7.688	253661	9926	2.120	0.059 #
40)	L8 AR-1262-5	9.654	8.189	38149	27413	0.476	0.354 #
41)	L9 AR-1268-1	0.000	7.633	0	34402	N.D.	0.127 #

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

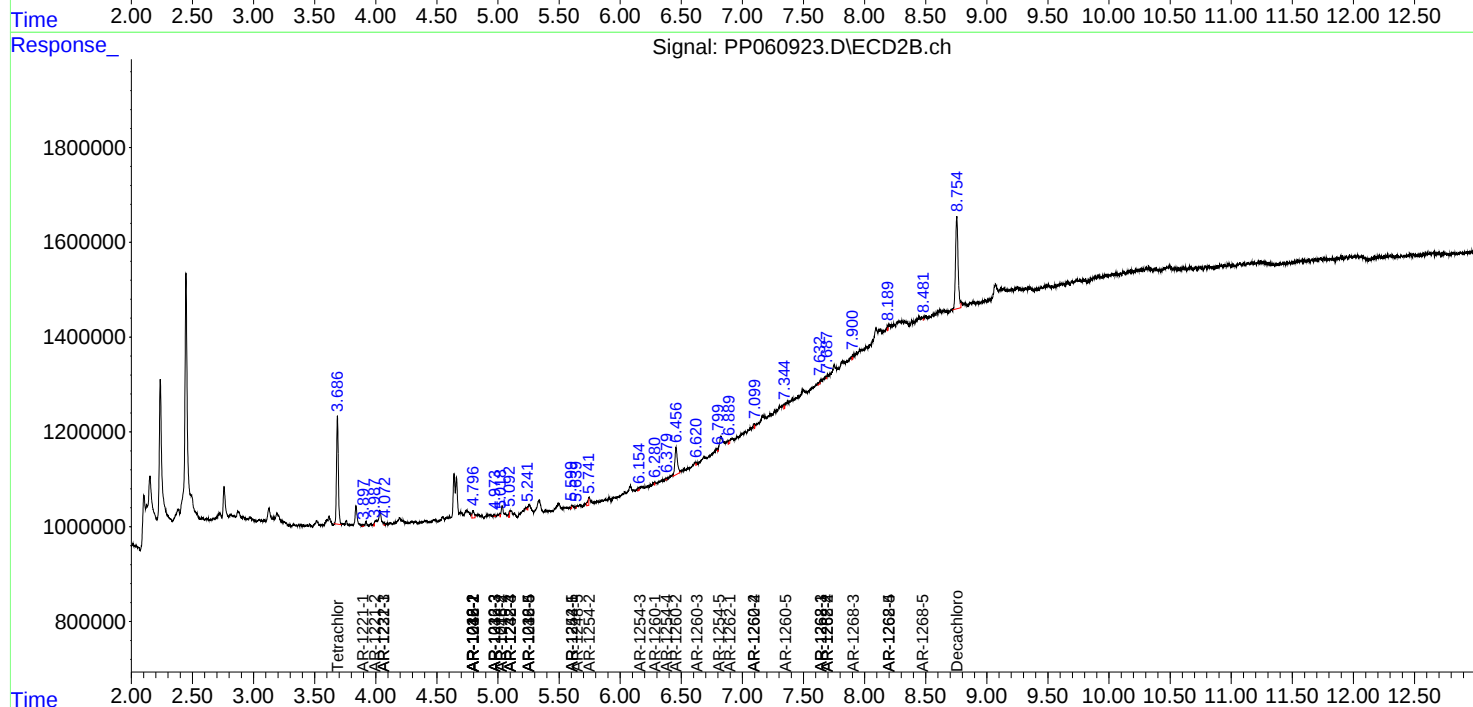
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

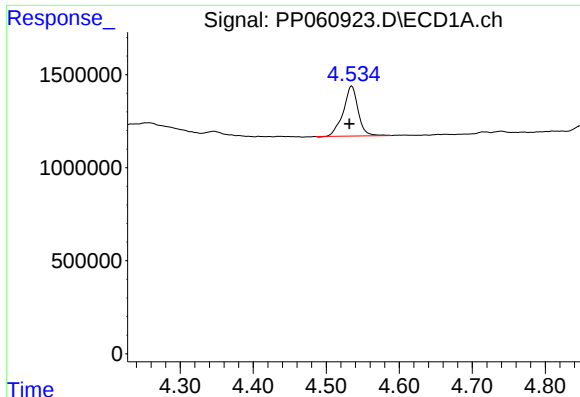
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.968	7.688	253661	9926	1.041	0.041 #
43) L9	AR-1268-3	0.000	7.900	0	26548	N.D.	0.124 #
44) L9	AR-1268-4	9.654	8.189	38149	27413	0.413	0.312
45) L9	AR-1268-5	0.000	8.482	0	12779	N.D.	0.020 #

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

Instrument :
ECD_P
ClientSampleId :

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

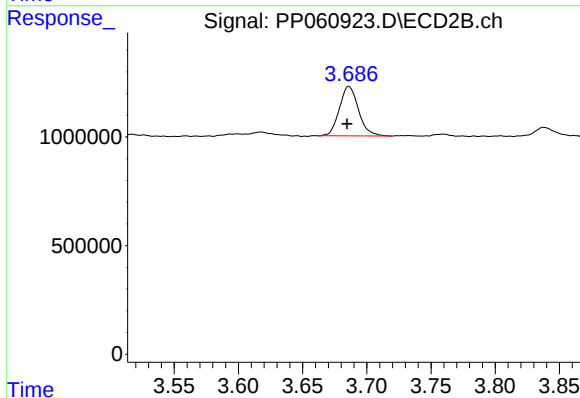




#1 Tetrachloro-m-xylene

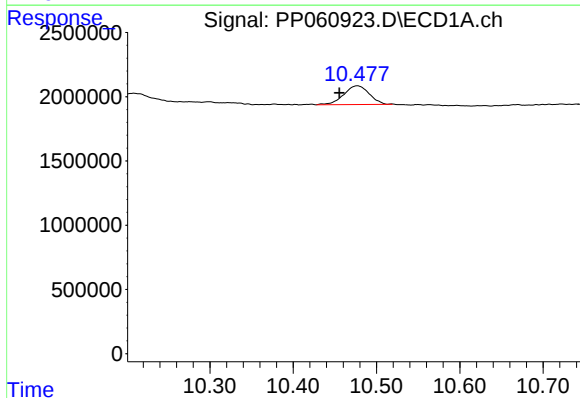
R.T.: 4.535 min
Delta R.T.: 0.003 min
Response: 3798673
Conc: 1.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



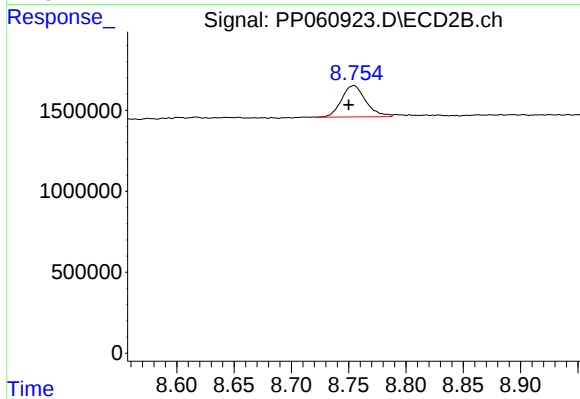
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: 0.001 min
Response: 2349018
Conc: 1.58 ng/ml



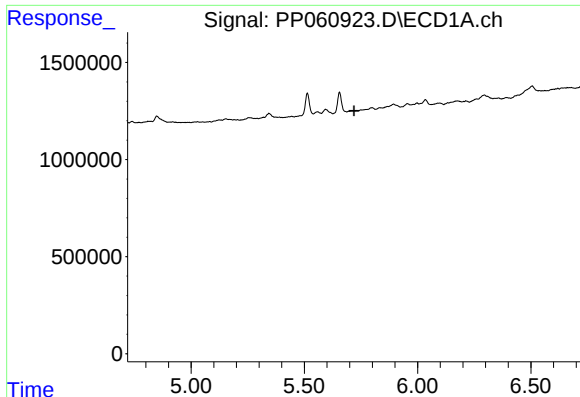
#2 Decachlorobiphenyl

R.T.: 10.477 min
Delta R.T.: 0.022 min
Response: 3086599
Conc: 1.75 ng/ml



#2 Decachlorobiphenyl

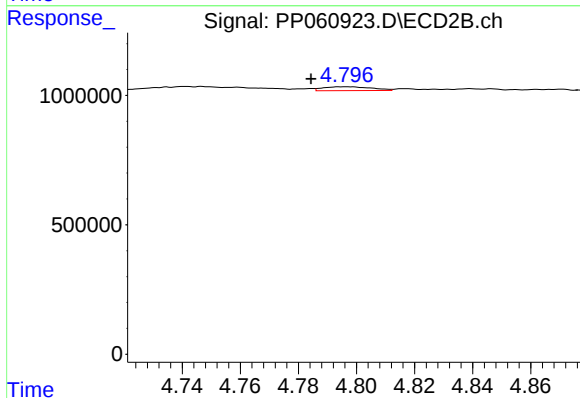
R.T.: 8.755 min
Delta R.T.: 0.005 min
Response: 2842307
Conc: 1.74 ng/ml



#3 AR-1016-1

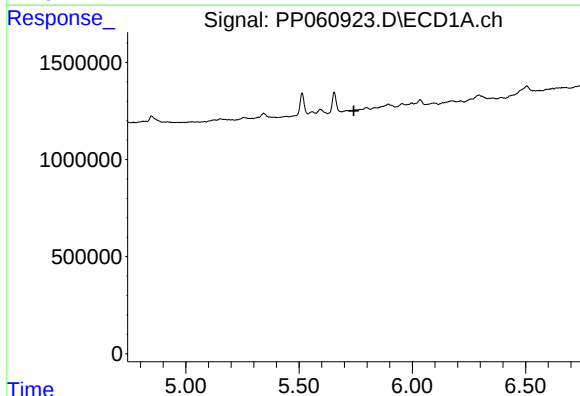
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



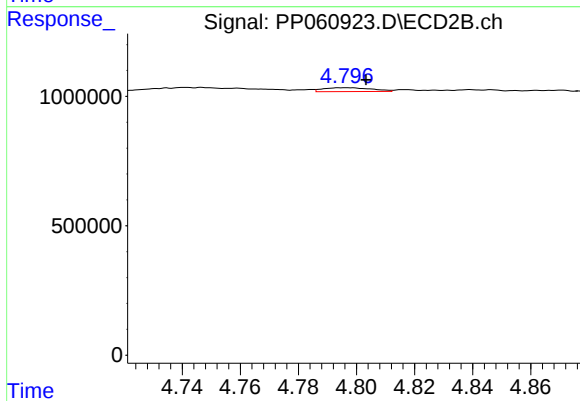
#3 AR-1016-1

R.T.: 4.797 min
Delta R.T.: 0.012 min
Response: 173928
Conc: 2.99 ng/ml



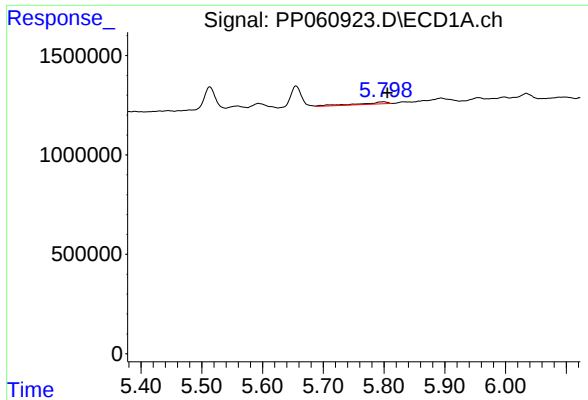
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.



#4 AR-1016-2

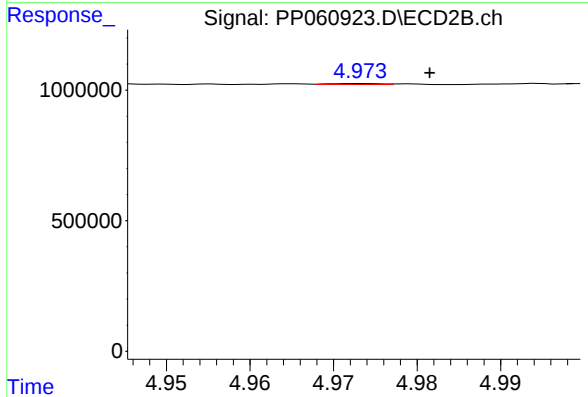
R.T.: 4.797 min
Delta R.T.: -0.007 min
Response: 173928
Conc: 2.16 ng/ml



#5 AR-1016-3

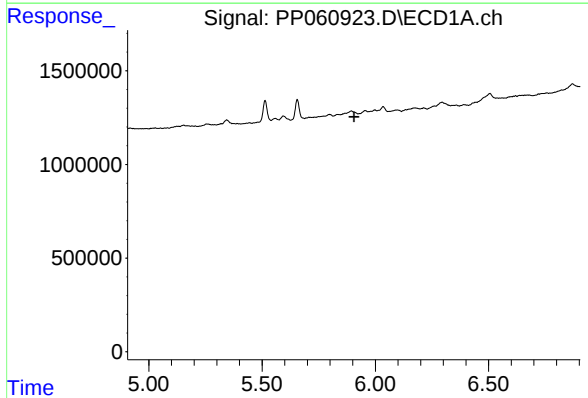
R.T.: 5.799 min
Delta R.T.: -0.006 min
Response: 348888
Conc: 5.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



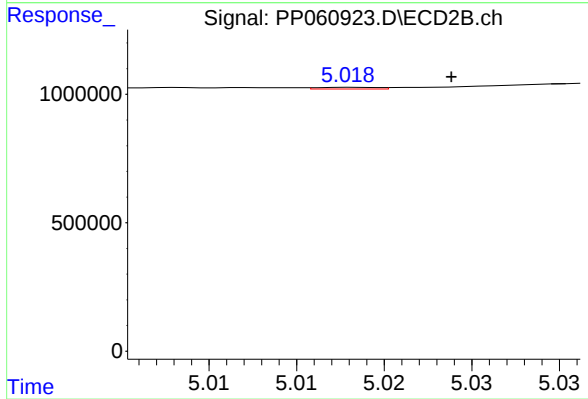
#5 AR-1016-3

R.T.: 4.973 min
Delta R.T.: -0.008 min
Response: 14479
Conc: 0.32 ng/ml



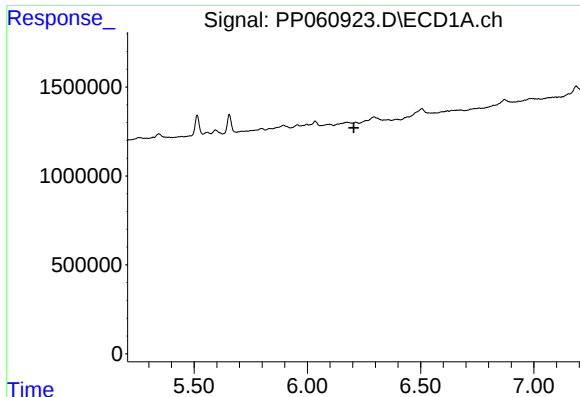
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.906 min
Response: 0
Conc: N.D.



#6 AR-1016-4

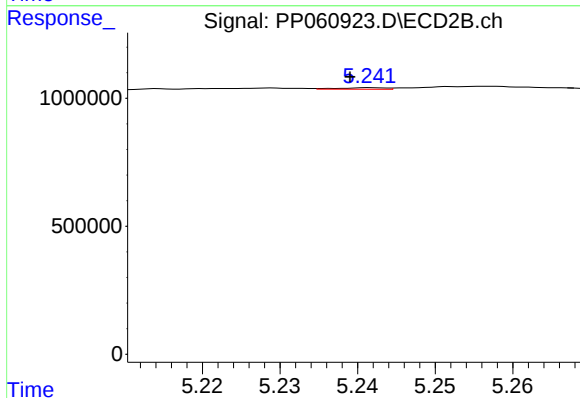
R.T.: 5.018 min
Delta R.T.: -0.006 min
Response: 15468
Conc: 0.43 ng/ml



#7 AR-1016-5

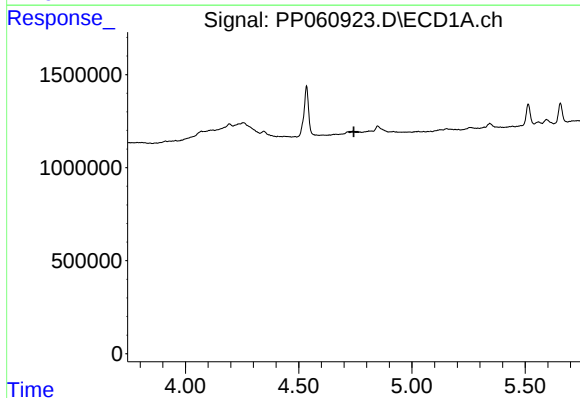
R.T.: 0.000 min
Exp R.T.: 6.205 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



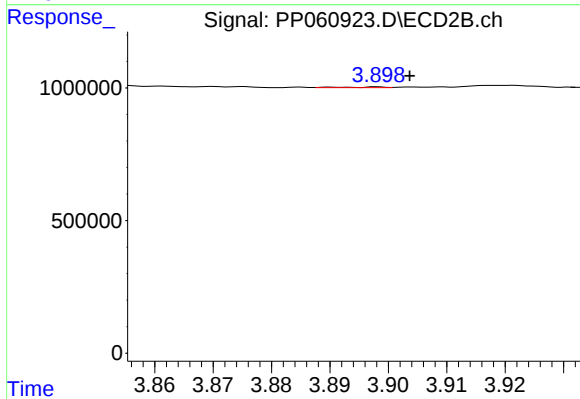
#7 AR-1016-5

R.T.: 5.242 min
Delta R.T.: 0.003 min
Response: 25552
Conc: 0.53 ng/ml



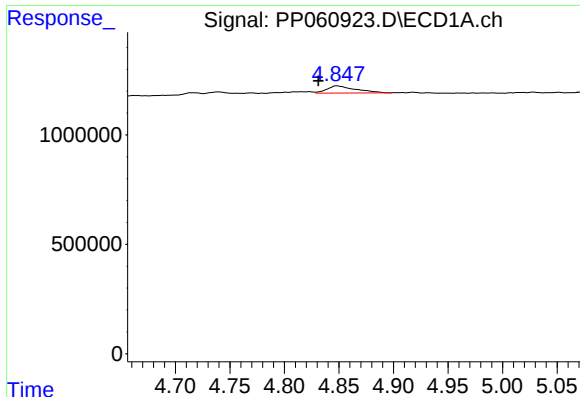
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.743 min
Response: 0
Conc: N.D.



#8 AR-1221-1

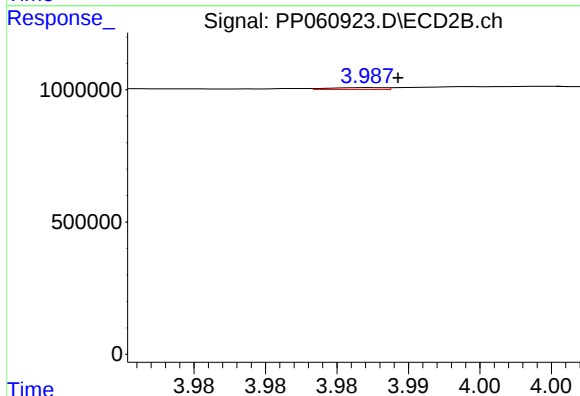
R.T.: 3.898 min
Delta R.T.: -0.006 min
Response: 14671
Conc: 0.70 ng/ml



#9 AR-1221-2

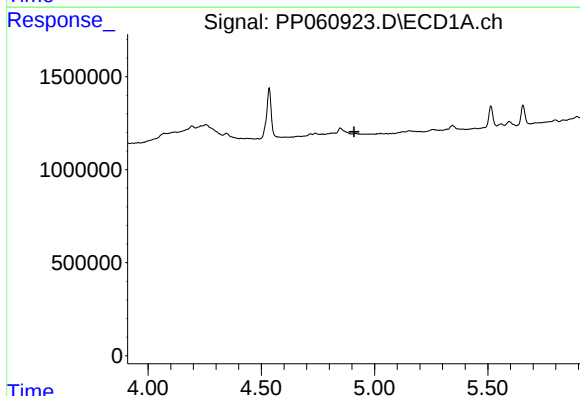
R.T.: 4.848 min
Delta R.T.: 0.017 min
Response: 598351
Conc: 28.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



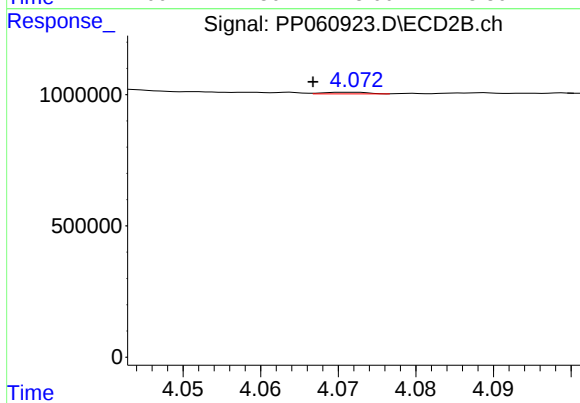
#9 AR-1221-2

R.T.: 3.987 min
Delta R.T.: -0.002 min
Response: 18128
Conc: 1.22 ng/ml



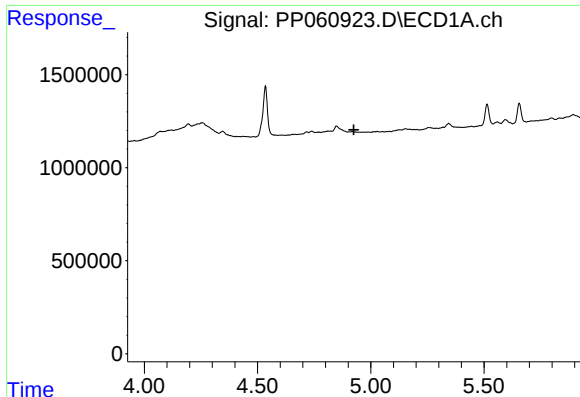
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.909 min
Response: 0
Conc: N.D.



#10 AR-1221-3

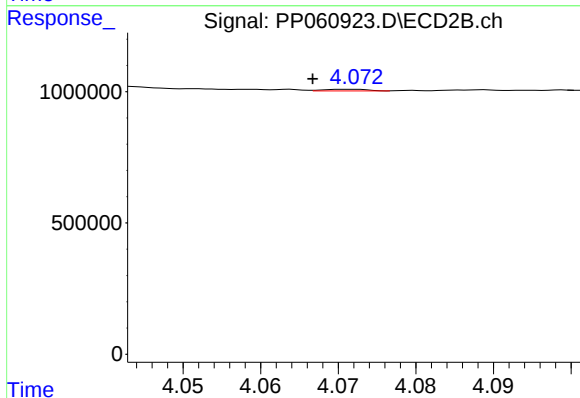
R.T.: 4.072 min
Delta R.T.: 0.006 min
Response: 24377
Conc: 0.55 ng/ml



#11 AR-1232-1

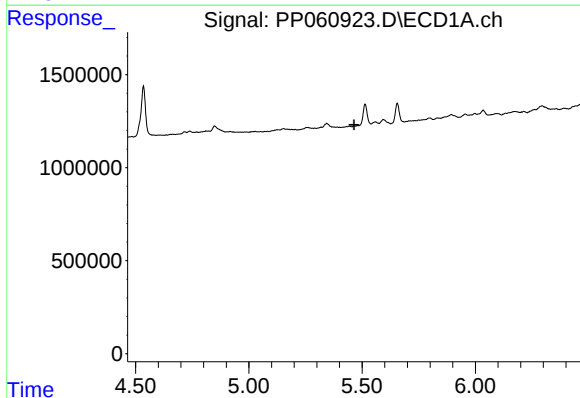
R.T.: 0.000 min
Exp R.T.: 4.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



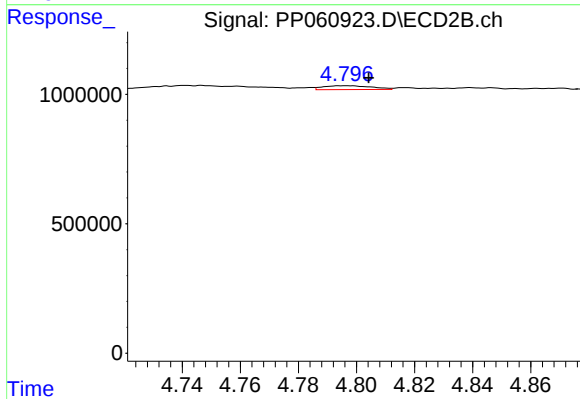
#11 AR-1232-1

R.T.: 4.072 min
Delta R.T.: 0.006 min
Response: 24377
Conc: 0.67 ng/ml



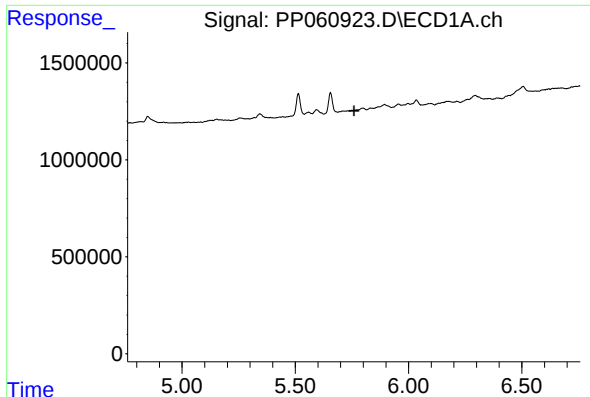
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.464 min
Response: 0
Conc: N.D.



#12 AR-1232-2

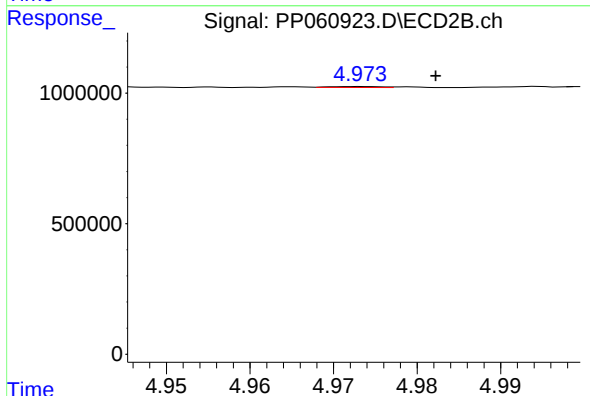
R.T.: 4.797 min
Delta R.T.: -0.008 min
Response: 173928
Conc: 4.77 ng/ml



#13 AR-1232-3

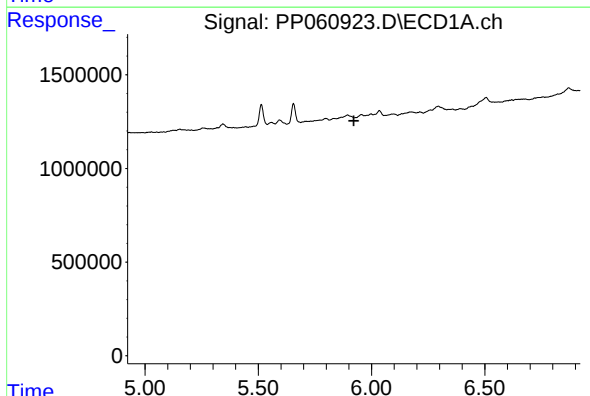
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



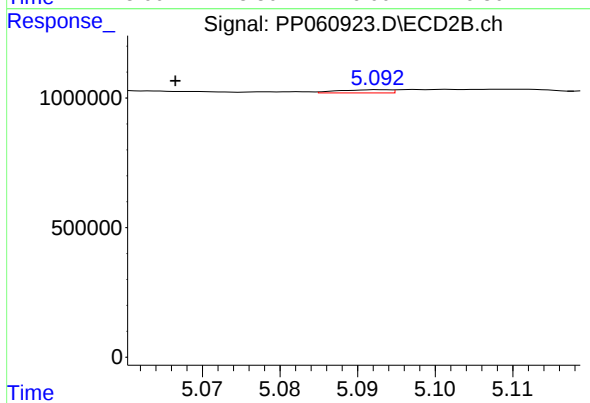
#13 AR-1232-3

R.T.: 4.973 min
Delta R.T.: -0.009 min
Response: 14479
Conc: 0.72 ng/ml



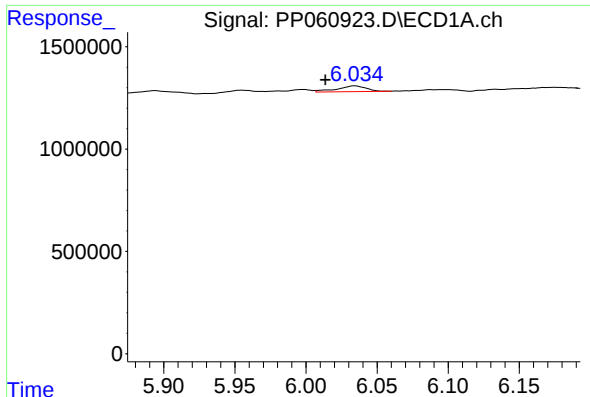
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.922 min
Response: 0
Conc: N.D.



#14 AR-1232-4

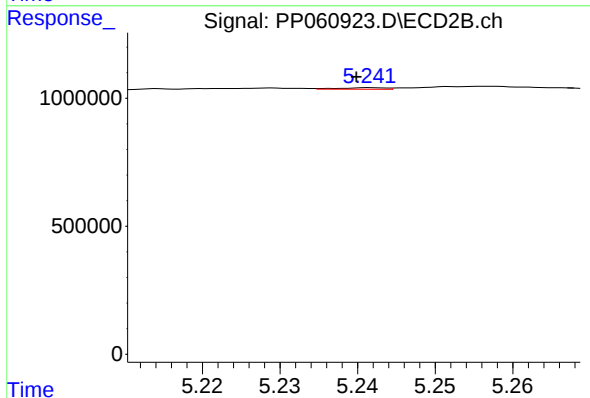
R.T.: 5.093 min
Delta R.T.: 0.026 min
Response: 55886
Conc: 2.99 ng/ml



#15 AR-1232-5

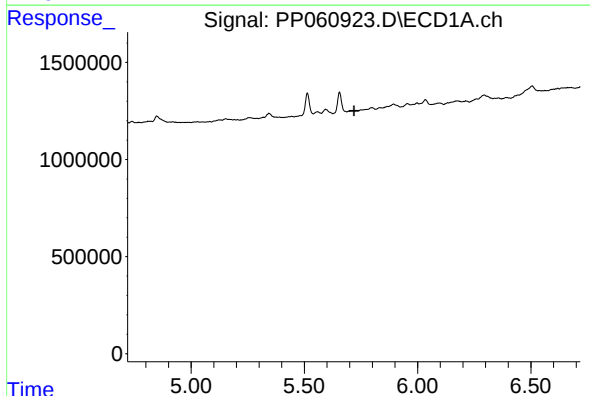
R.T.: 6.034 min
Delta R.T.: 0.021 min
Response: 408451
Conc: 19.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



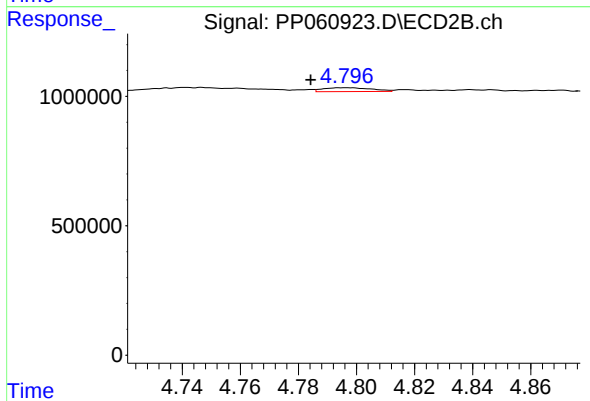
#15 AR-1232-5

R.T.: 5.242 min
Delta R.T.: 0.002 min
Response: 25552
Conc: 1.23 ng/ml



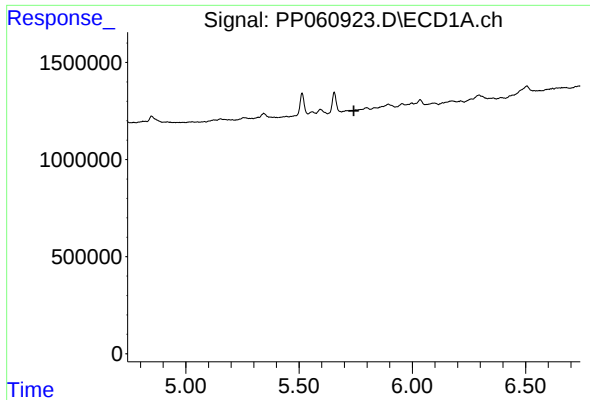
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.719 min
Response: 0
Conc: N.D.



#16 AR-1242-1

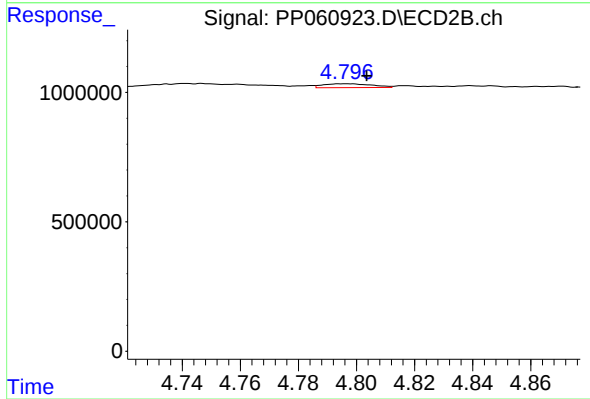
R.T.: 4.797 min
Delta R.T.: 0.012 min
Response: 173928
Conc: 3.44 ng/ml



#17 AR-1242-2

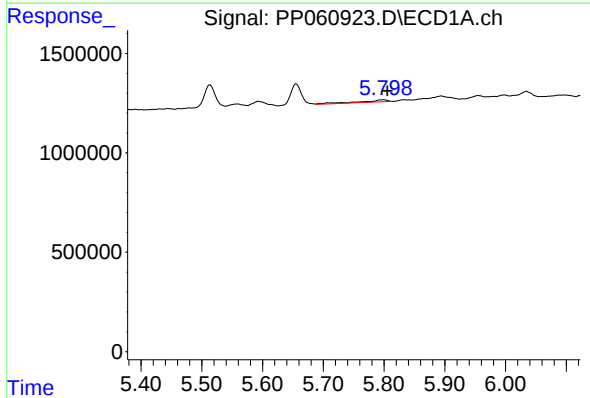
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



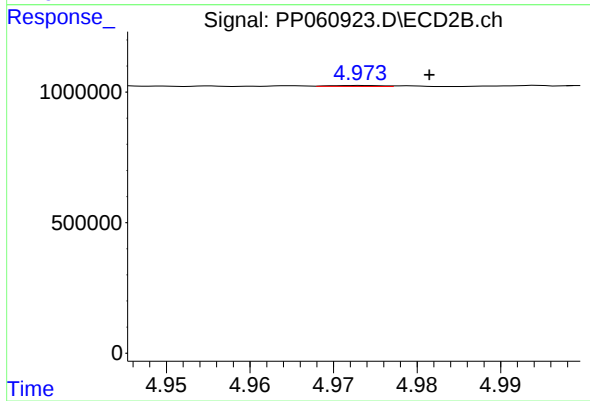
#17 AR-1242-2

R.T.: 4.797 min
Delta R.T.: -0.007 min
Response: 173928
Conc: 2.50 ng/ml



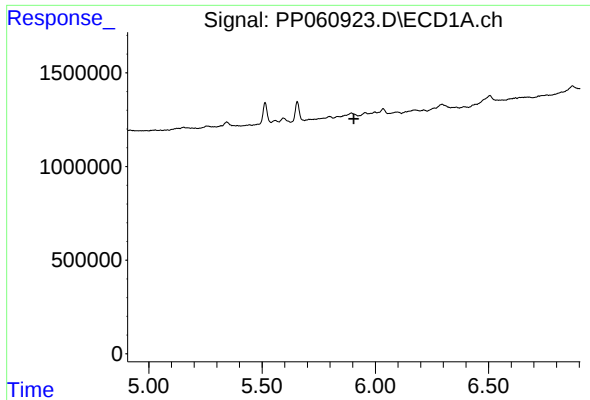
#18 AR-1242-3

R.T.: 5.799 min
Delta R.T.: -0.006 min
Response: 348888
Conc: 6.20 ng/ml



#18 AR-1242-3

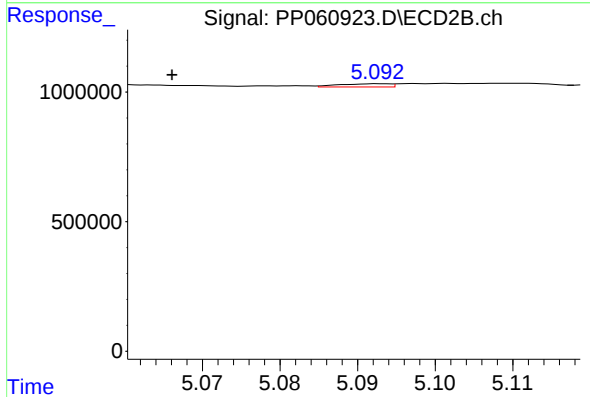
R.T.: 4.973 min
Delta R.T.: -0.008 min
Response: 14479
Conc: 0.38 ng/ml



#19 AR-1242-4

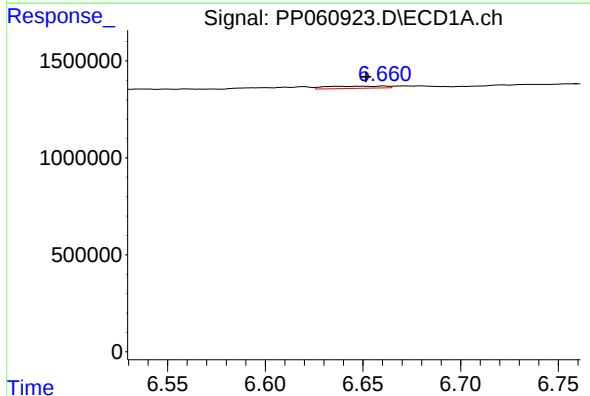
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



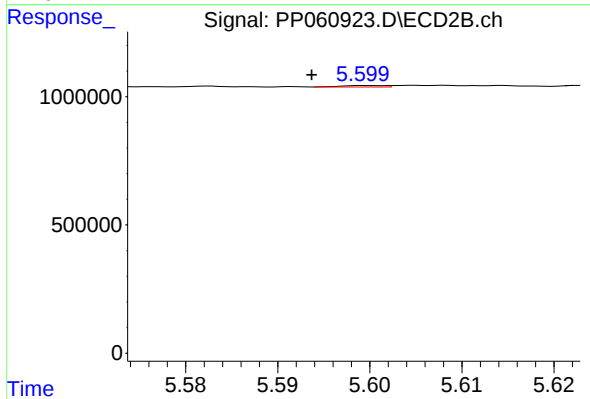
#19 AR-1242-4

R.T.: 5.093 min
Delta R.T.: 0.027 min
Response: 55886
Conc: 1.42 ng/ml



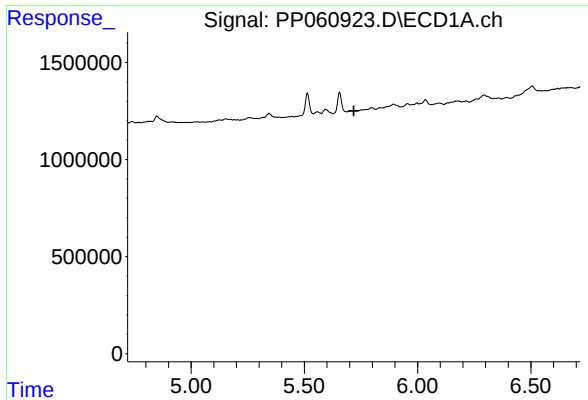
#20 AR-1242-5

R.T.: 6.661 min
Delta R.T.: 0.009 min
Response: 242485
Conc: 4.82 ng/ml



#20 AR-1242-5

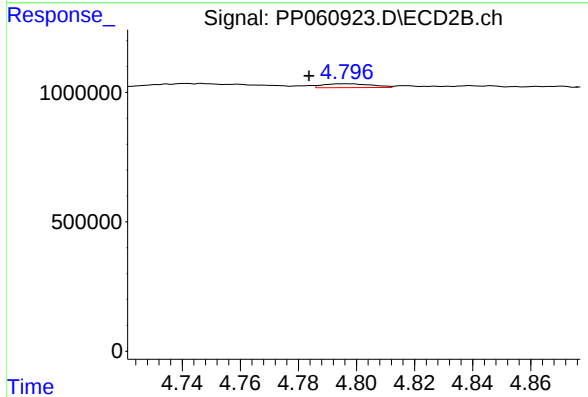
R.T.: 5.600 min
Delta R.T.: 0.006 min
Response: 18960
Conc: 0.39 ng/ml



#21 AR-1248-1

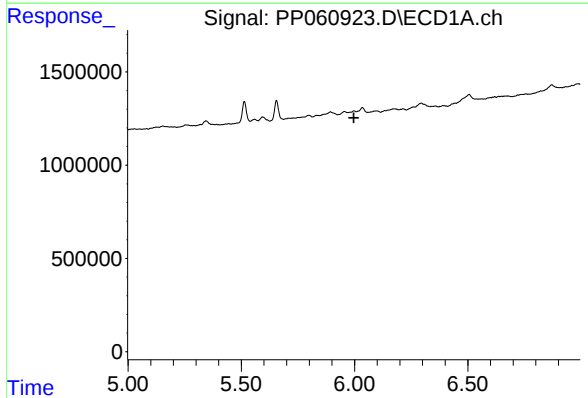
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



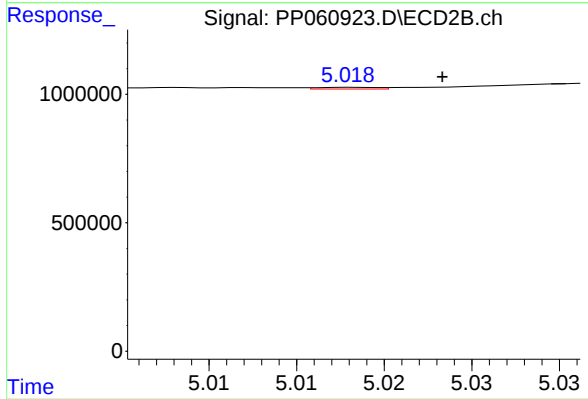
#21 AR-1248-1

R.T.: 4.797 min
Delta R.T.: 0.013 min
Response: 173928
Conc: 4.77 ng/ml



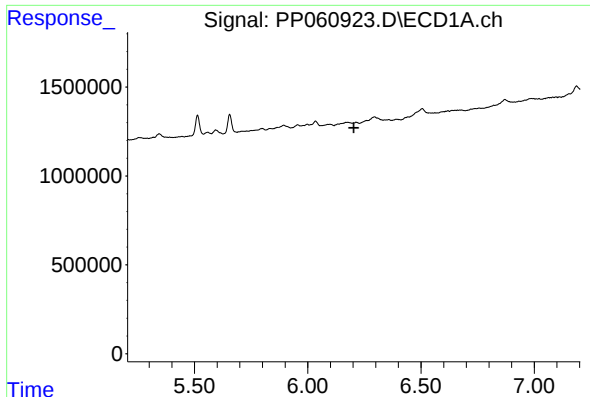
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.



#22 AR-1248-2

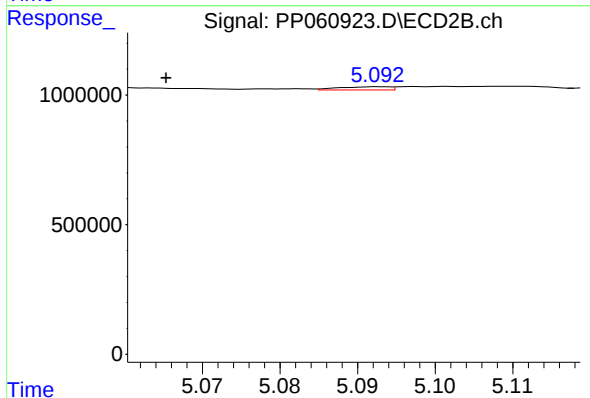
R.T.: 5.018 min
Delta R.T.: -0.005 min
Response: 15468
Conc: 0.30 ng/ml



#23 AR-1248-3

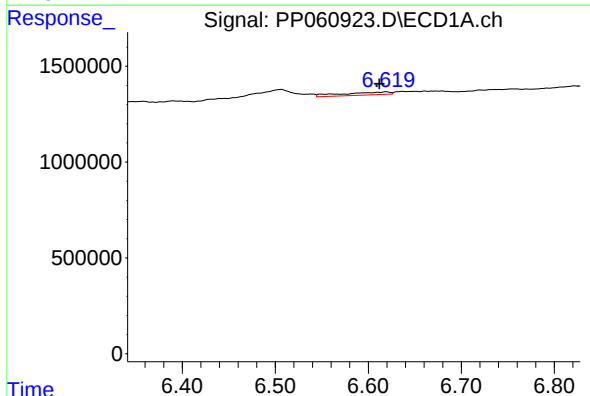
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



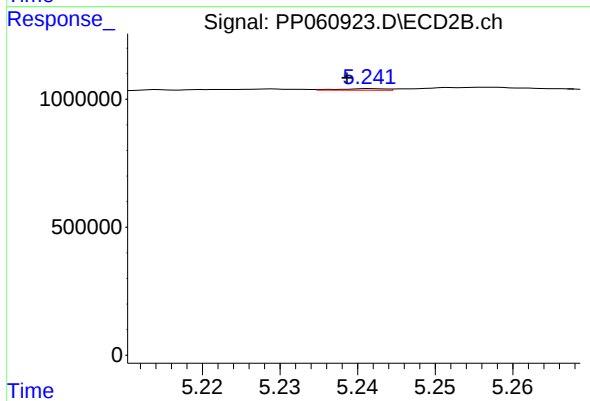
#23 AR-1248-3

R.T.: 5.093 min
Delta R.T.: 0.028 min
Response: 55886
Conc: 1.01 ng/ml



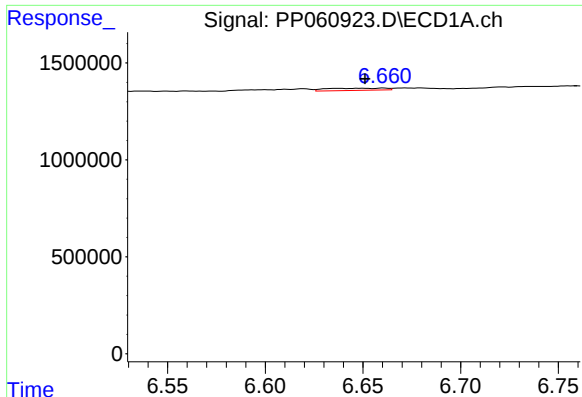
#24 AR-1248-4

R.T.: 6.620 min
Delta R.T.: 0.008 min
Response: 552047
Conc: 6.67 ng/ml



#24 AR-1248-4

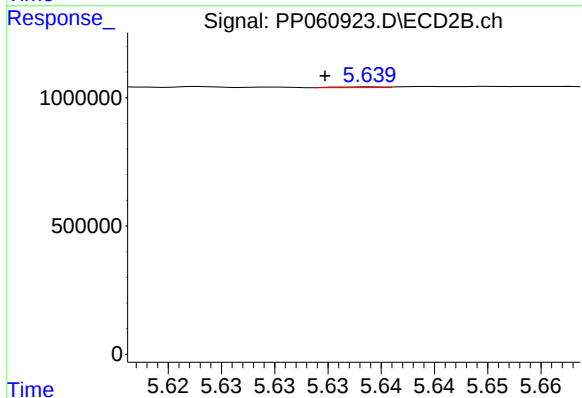
R.T.: 5.242 min
Delta R.T.: 0.003 min
Response: 25552
Conc: 0.39 ng/ml



#25 AR-1248-5

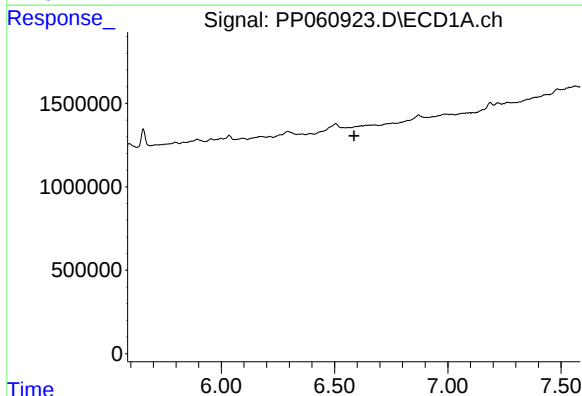
R.T.: 6.661 min
Delta R.T.: 0.010 min
Response: 242485
Conc: 3.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



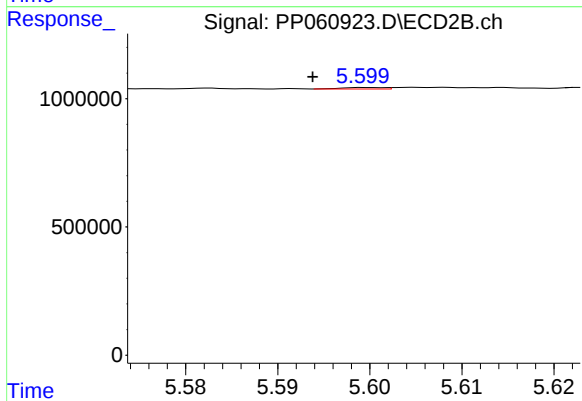
#25 AR-1248-5

R.T.: 5.639 min
Delta R.T.: 0.004 min
Response: 9641
Conc: 0.15 ng/ml



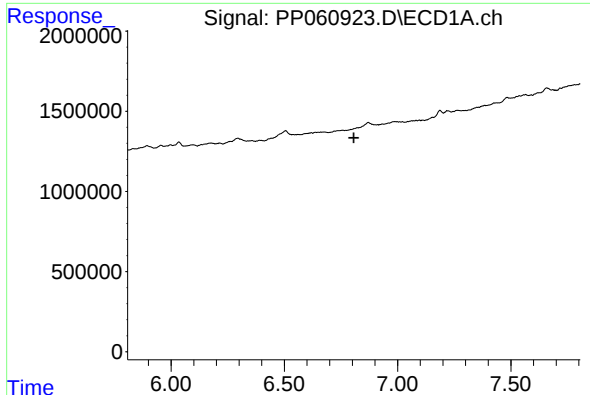
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.586 min
Response: 0
Conc: N.D.



#26 AR-1254-1

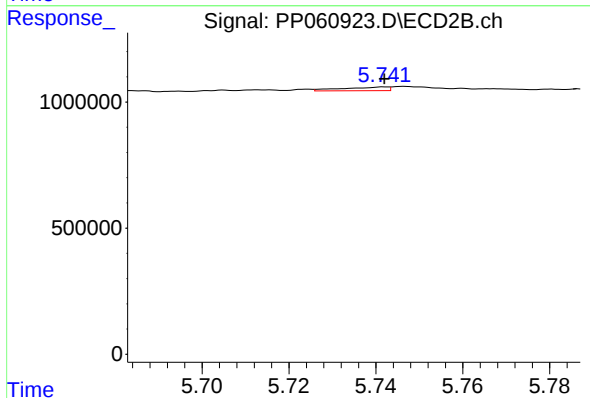
R.T.: 5.600 min
Delta R.T.: 0.006 min
Response: 18960
Conc: 0.19 ng/ml



#27 AR-1254-2

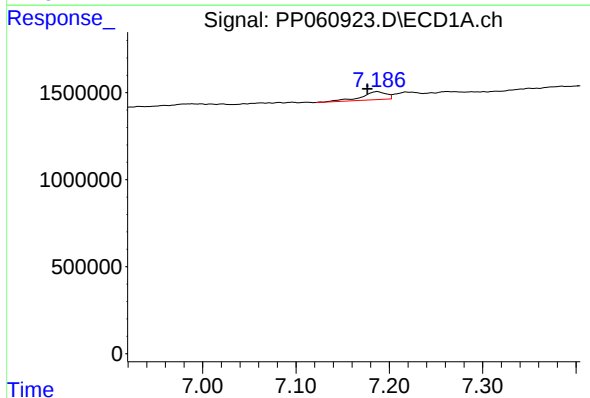
R.T.: 0.000 min
Exp R.T.: 6.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



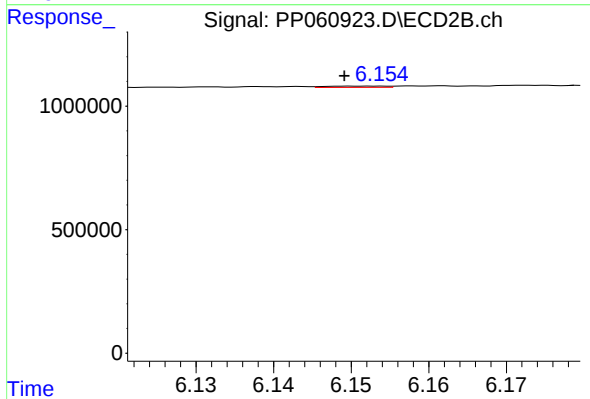
#27 AR-1254-2

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 106198
Conc: 1.24 ng/ml



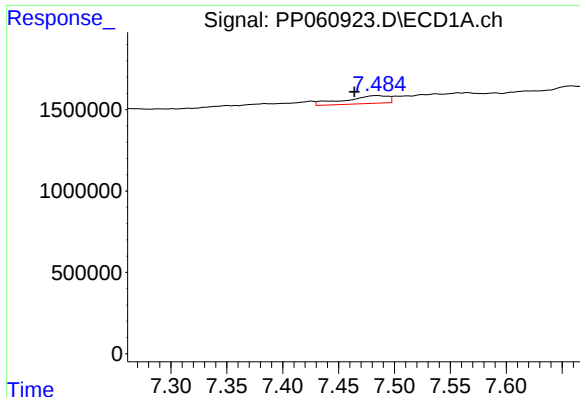
#28 AR-1254-3

R.T.: 7.187 min
Delta R.T.: 0.011 min
Response: 855915
Conc: 6.44 ng/ml



#28 AR-1254-3

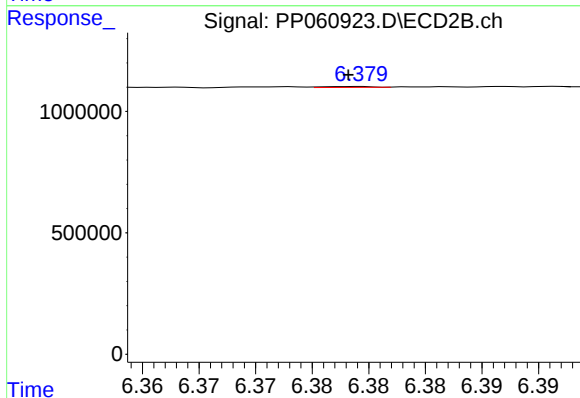
R.T.: 6.154 min
Delta R.T.: 0.004 min
Response: 27873
Conc: 0.19 ng/ml



#29 AR-1254-4

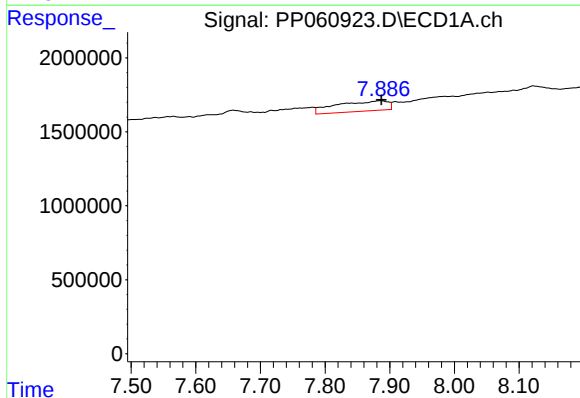
R.T.: 7.484 min
Delta R.T.: 0.020 min
Response: 1316696
Conc: 13.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



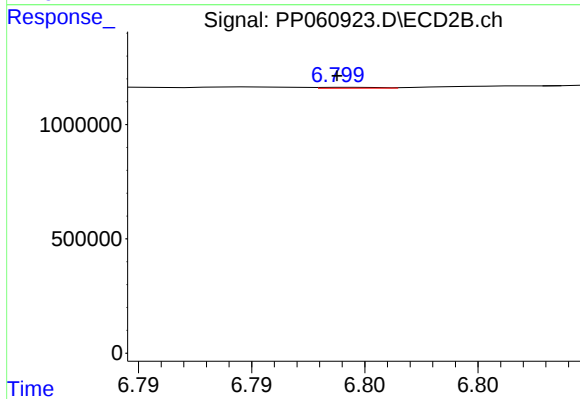
#29 AR-1254-4

R.T.: 6.379 min
Delta R.T.: 0.001 min
Response: 10691
Conc: 0.12 ng/ml



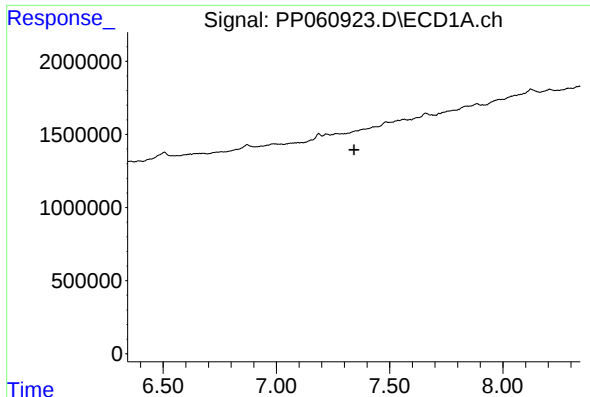
#30 AR-1254-5

R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 3849074
Conc: 35.53 ng/ml



#30 AR-1254-5

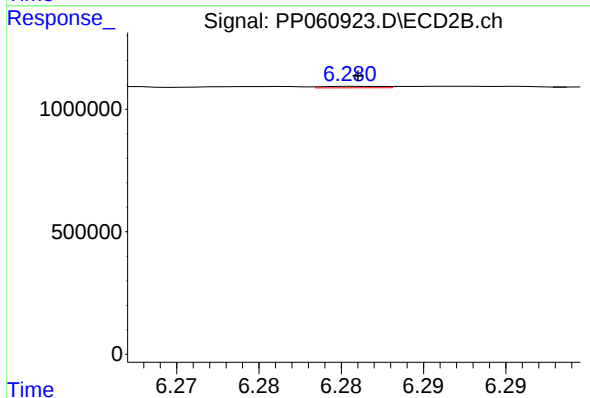
R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 7508
Conc: 0.06 ng/ml



#31 AR-1260-1

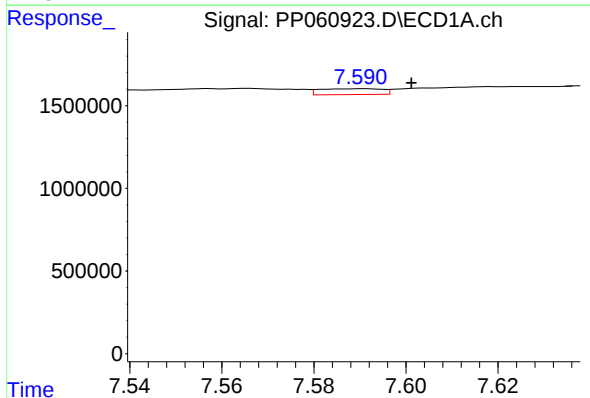
R.T.: 0.000 min
Exp R.T.: 7.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



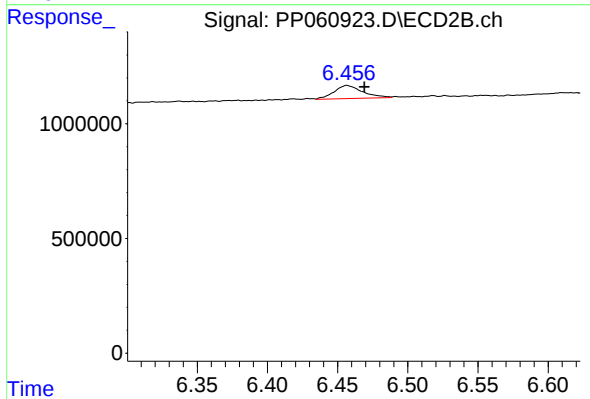
#31 AR-1260-1

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 15046
Conc: 0.15 ng/ml



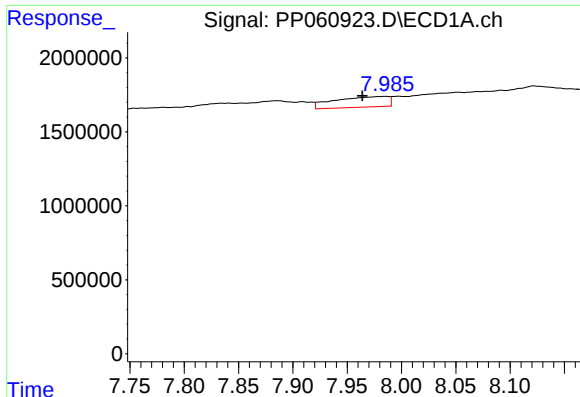
#32 AR-1260-2

R.T.: 7.591 min
Delta R.T.: -0.011 min
Response: 333532
Conc: 2.76 ng/ml



#32 AR-1260-2

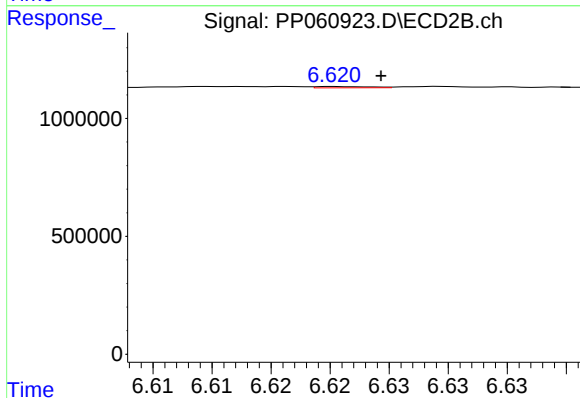
R.T.: 6.457 min
Delta R.T.: -0.012 min
Response: 804932
Conc: 6.75 ng/ml



#33 AR-1260-3

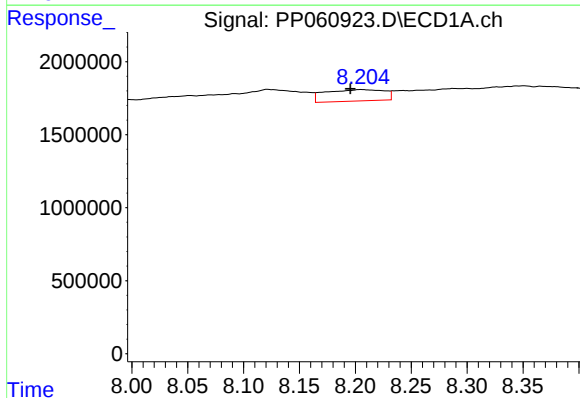
R.T.: 7.985 min
Delta R.T.: 0.021 min
Response: 2431803
Conc: 26.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



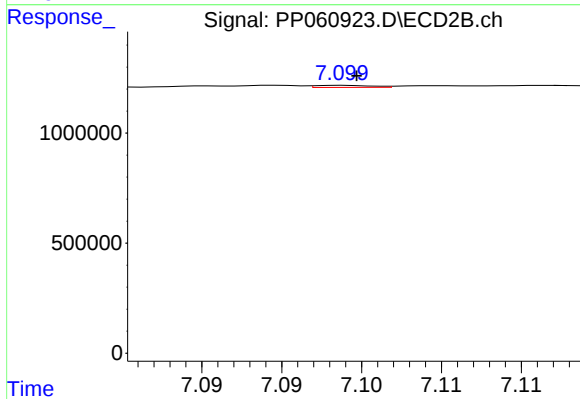
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.004 min
Response: 16823
Conc: 0.15 ng/ml



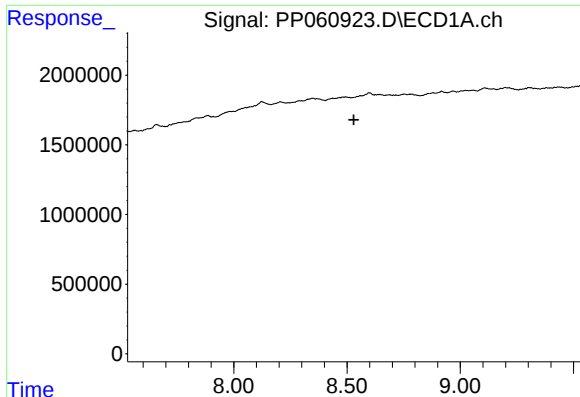
#34 AR-1260-4

R.T.: 8.205 min
Delta R.T.: 0.010 min
Response: 2863962
Conc: 27.01 ng/ml



#34 AR-1260-4

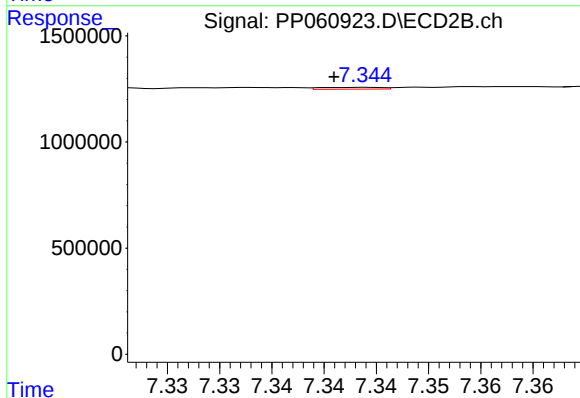
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 23047
Conc: 0.24 ng/ml



#35 AR-1260-5

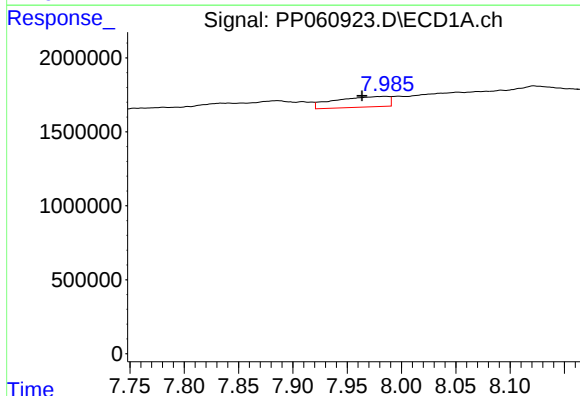
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



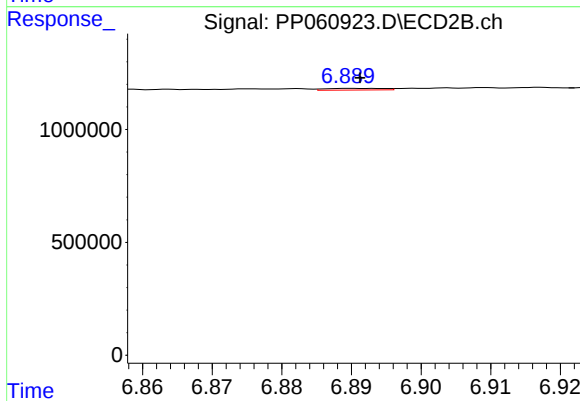
#35 AR-1260-5

R.T.: 7.344 min
Delta R.T.: 0.003 min
Response: 34666
Conc: 0.16 ng/ml



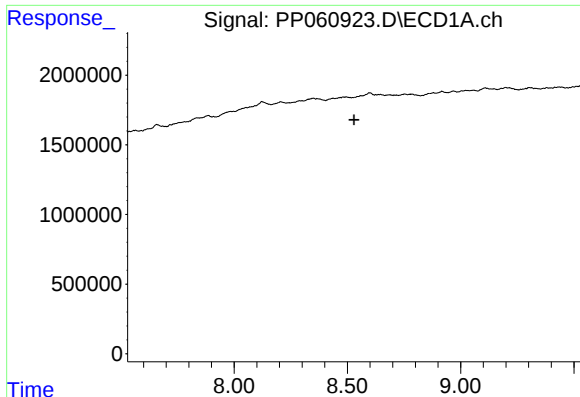
#36 AR-1262-1

R.T.: 7.985 min
Delta R.T.: 0.022 min
Response: 2431803
Conc: 19.50 ng/ml



#36 AR-1262-1

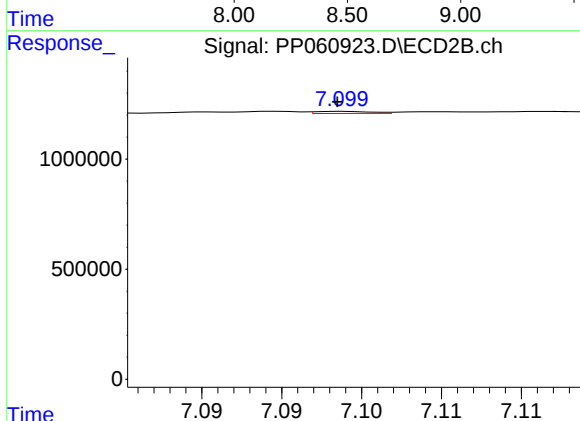
R.T.: 6.890 min
Delta R.T.: -0.002 min
Response: 42646
Conc: 0.80 ng/ml



#37 AR-1262-2

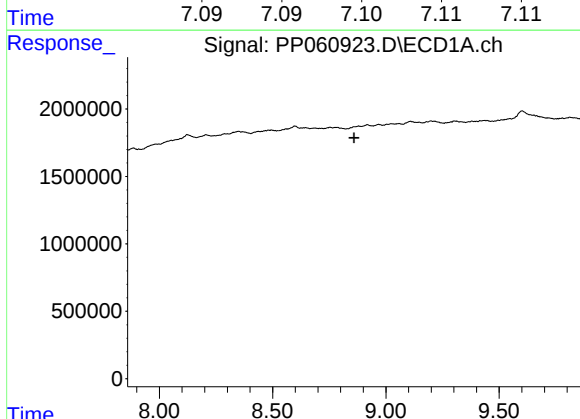
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



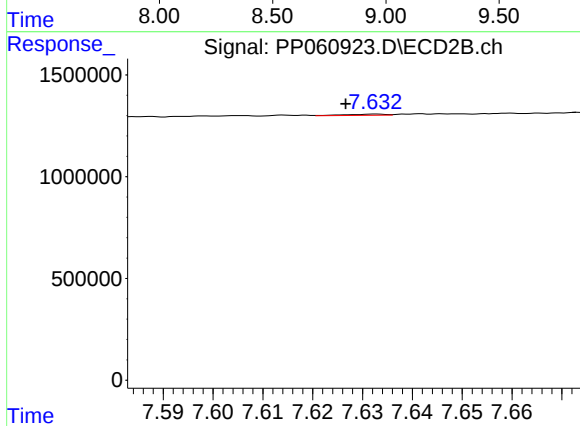
#37 AR-1262-2

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 23047
Conc: 0.20 ng/ml



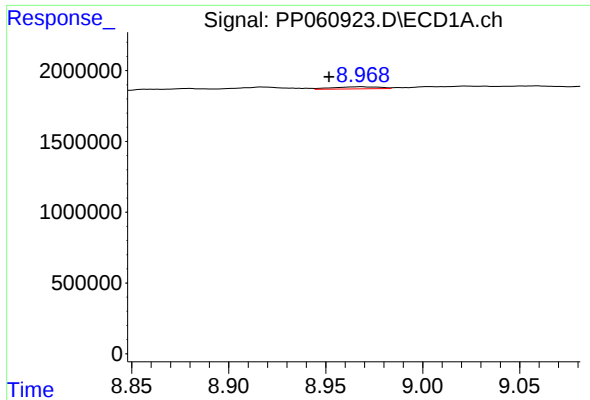
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.859 min
Response: 0
Conc: N.D.



#38 AR-1262-3

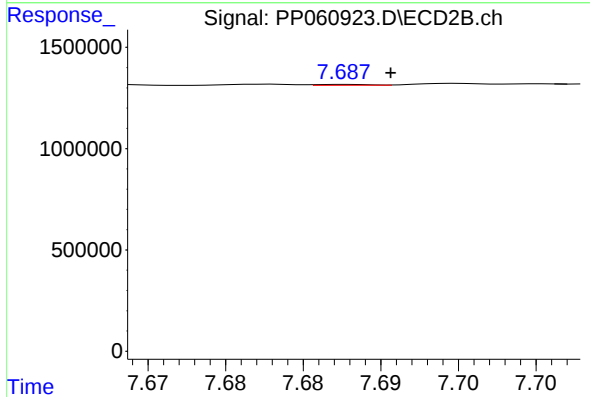
R.T.: 7.633 min
Delta R.T.: 0.006 min
Response: 34402
Conc: 0.37 ng/ml



#39 AR-1262-4

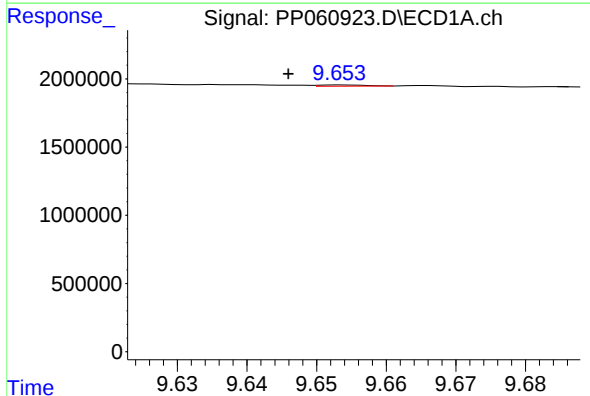
R.T.: 8.968 min
Delta R.T.: 0.017 min
Response: 253661
Conc: 2.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



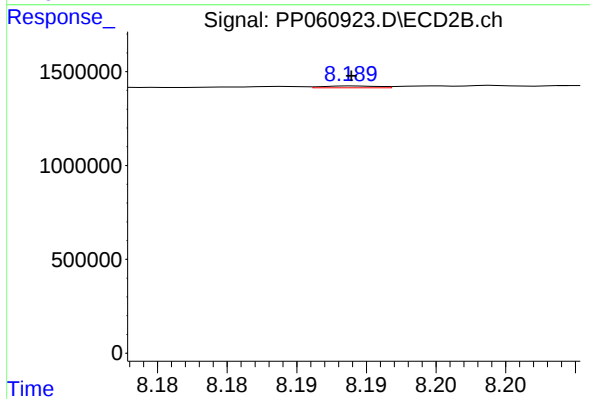
#39 AR-1262-4

R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 9926
Conc: 0.06 ng/ml



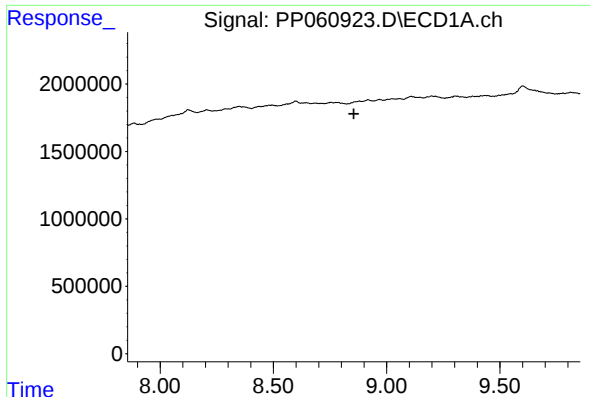
#40 AR-1262-5

R.T.: 9.654 min
Delta R.T.: 0.008 min
Response: 38149
Conc: 0.48 ng/ml



#40 AR-1262-5

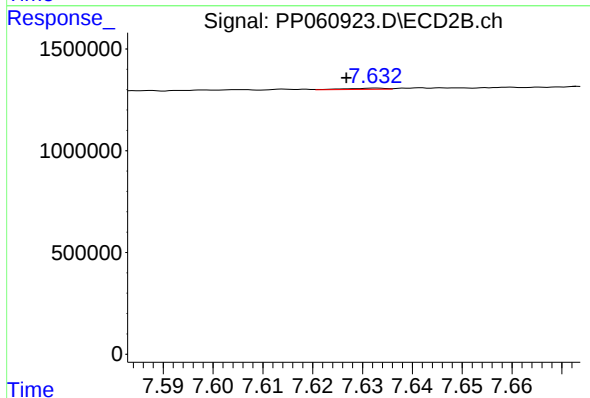
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 27413
Conc: 0.35 ng/ml



#41 AR-1268-1

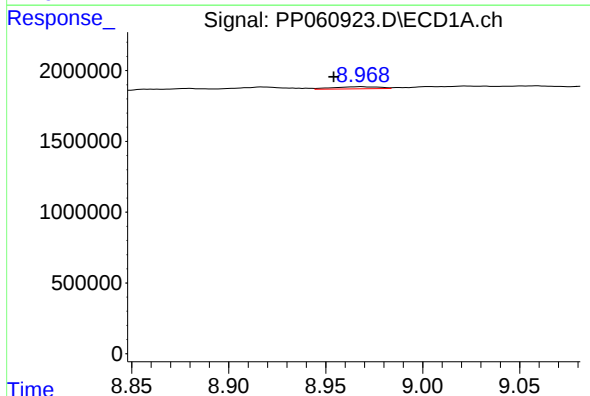
R.T.: 0.000 min
Exp R.T.: 8.855 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



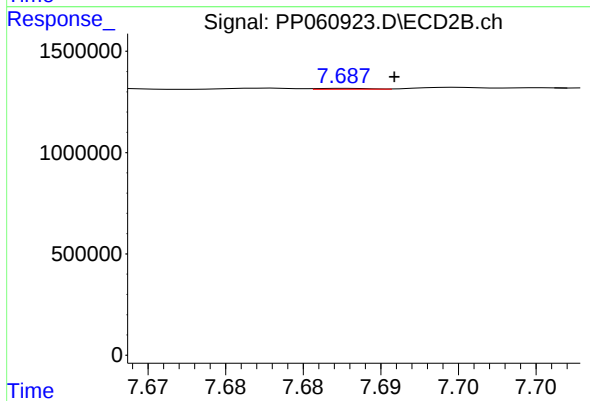
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.006 min
Response: 34402
Conc: 0.13 ng/ml



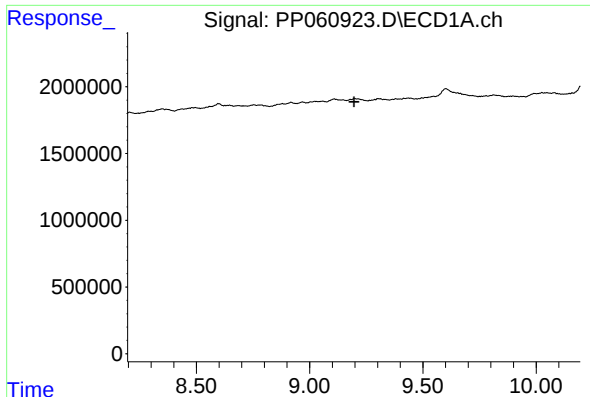
#42 AR-1268-2

R.T.: 8.968 min
Delta R.T.: 0.014 min
Response: 253661
Conc: 1.04 ng/ml



#42 AR-1268-2

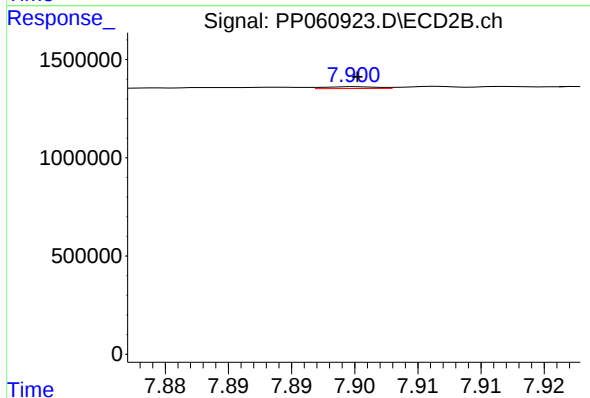
R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 9926
Conc: 0.04 ng/ml



#43 AR-1268-3

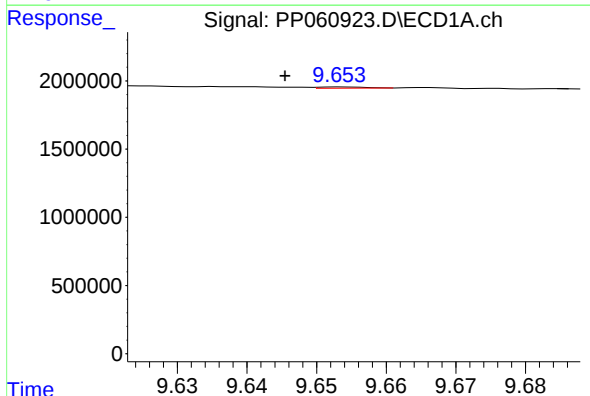
R.T.: 0.000 min
Exp R.T.: 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



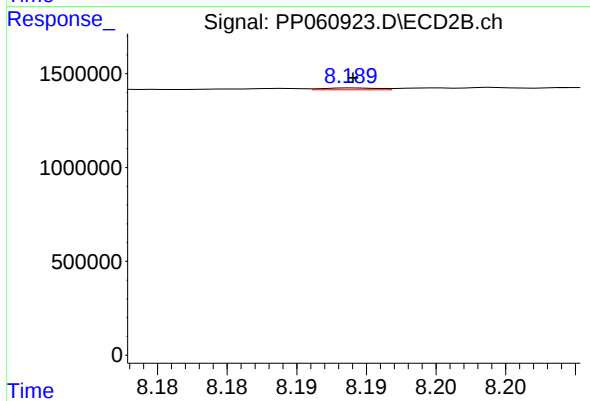
#43 AR-1268-3

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 26548
Conc: 0.12 ng/ml



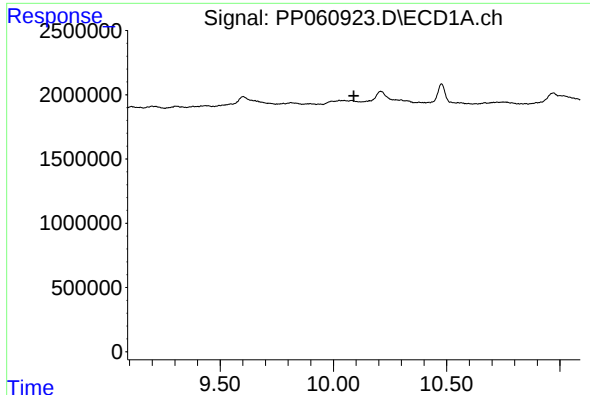
#44 AR-1268-4

R.T.: 9.654 min
Delta R.T.: 0.008 min
Response: 38149
Conc: 0.41 ng/ml



#44 AR-1268-4

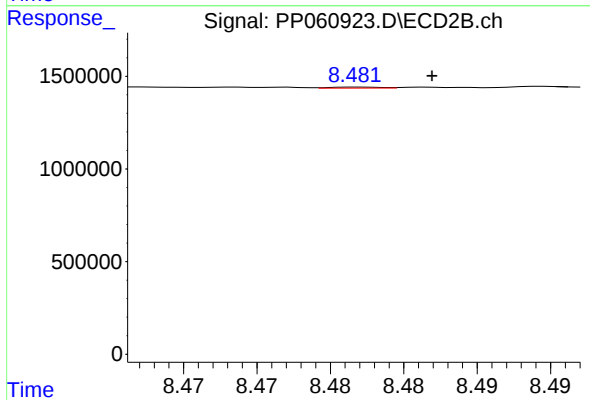
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 27413
Conc: 0.31 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.090 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.482 min
Delta R.T.: -0.005 min
Response: 12779
Conc: 0.02 ng/ml