

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092923\
 Data File : PP060421.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2023 19:51
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 00:22:05 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...	4.532	3.684	43780417	30909977	19.549	20.766
2) SA Decachlor...	10.456	8.747	38932102	34483317	22.051	21.140
Target Compounds						
3) L1 AR-1016-1	0.000	4.792	0	32366	N.D.	0.557 #
4) L1 AR-1016-2	0.000	4.792	0	32366	N.D.	0.402 #
5) L1 AR-1016-3	0.000	4.965f	0	16172	N.D.	0.362 #
6) L1 AR-1016-4	0.000	5.037	0	71504	N.D.	1.987 #
7) L1 AR-1016-5	0.000	5.236	0	25969	N.D.	0.534 #
8) L2 AR-1221-1	0.000	3.890	0	17931	N.D.	0.858 #
9) L2 AR-1221-2	4.843	3.986	1066577	525565	49.922	35.247 #
10) L2 AR-1221-3	0.000	4.066	0	5431	N.D.	0.124 #
11) L3 AR-1232-1	0.000	4.066	0	5431	N.D.	0.149 #
12) L3 AR-1232-2	0.000	4.792	0	32366	N.D.	0.888 #
13) L3 AR-1232-3	0.000	4.965f	0	16172	N.D.	0.808 #
14) L3 AR-1232-4	0.000	5.069	0	47496	N.D.	2.545 #
15) L3 AR-1232-5	0.000	5.236	0	25969	N.D.	1.249 #
16) L4 AR-1242-1	0.000	4.792	0	32366	N.D.	0.639 #
17) L4 AR-1242-2	0.000	4.792	0	32366	N.D.	0.466 #
18) L4 AR-1242-3	0.000	4.965f	0	16172	N.D.	0.420 #
19) L4 AR-1242-4	0.000	5.069	0	47496	N.D.	1.206 #
20) L4 AR-1242-5	0.000	5.591	0	18170	N.D.	0.371 #
21) L5 AR-1248-1	0.000	4.777	0	29685	N.D.	0.813 #
22) L5 AR-1248-2	0.000	5.037	0	71504	N.D.	1.368 #
23) L5 AR-1248-3	0.000	5.069	0	47496	N.D.	0.855 #
24) L5 AR-1248-4	6.583f	5.236	188922	25969	2.284	0.395 #
25) L5 AR-1248-5	0.000	5.635	0	24316	N.D.	0.378 #
26) L6 AR-1254-1	6.583	5.591	188922	18170	2.214	0.184 #
28) L6 AR-1254-3	7.177	6.145	1949258	53591	14.665	0.374 #
29) L6 AR-1254-4	7.442f	6.375	92825	18178	0.944	0.209 #
30) L6 AR-1254-5	7.892	6.794	324946	24230	2.999	0.191 #
31) L7 AR-1260-1	0.000	6.277	0	14709	N.D.	0.147 #
32) L7 AR-1260-2	0.000	6.477	0	21810	N.D.	0.183 #
33) L7 AR-1260-3	0.000	6.622	0	16987	N.D.	0.148 #
34) L7 AR-1260-4	0.000	7.104	0	43854	N.D.	0.461 #
35) L7 AR-1260-5	0.000	7.342	0	16027	N.D.	0.074 #
36) L8 AR-1262-1	0.000	6.890	0	16817	N.D.	0.314 #
37) L8 AR-1262-2	0.000	7.104	0	43854	N.D.	0.372 #
38) L8 AR-1262-3	0.000	7.626	0	64933	N.D.	0.704 #
39) L8 AR-1262-4	0.000	7.694	0	30547	N.D.	0.181 #
40) L8 AR-1262-5	0.000	8.201	0	4870	N.D.	0.063 #
41) L9 AR-1268-1	0.000	7.626	0	64933	N.D.	0.239 #
42) L9 AR-1268-2	0.000	7.694	0	30547	N.D.	0.125 #

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 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
43) L9	AR-1268-3	0.000	7.901	0	44947	N.D.	0.210 #
44) L9	AR-1268-4	0.000	8.201	0	4870	N.D.	0.056 #
45) L9	AR-1268-5	0.000	8.487	0	123262	N.D.	0.197 #

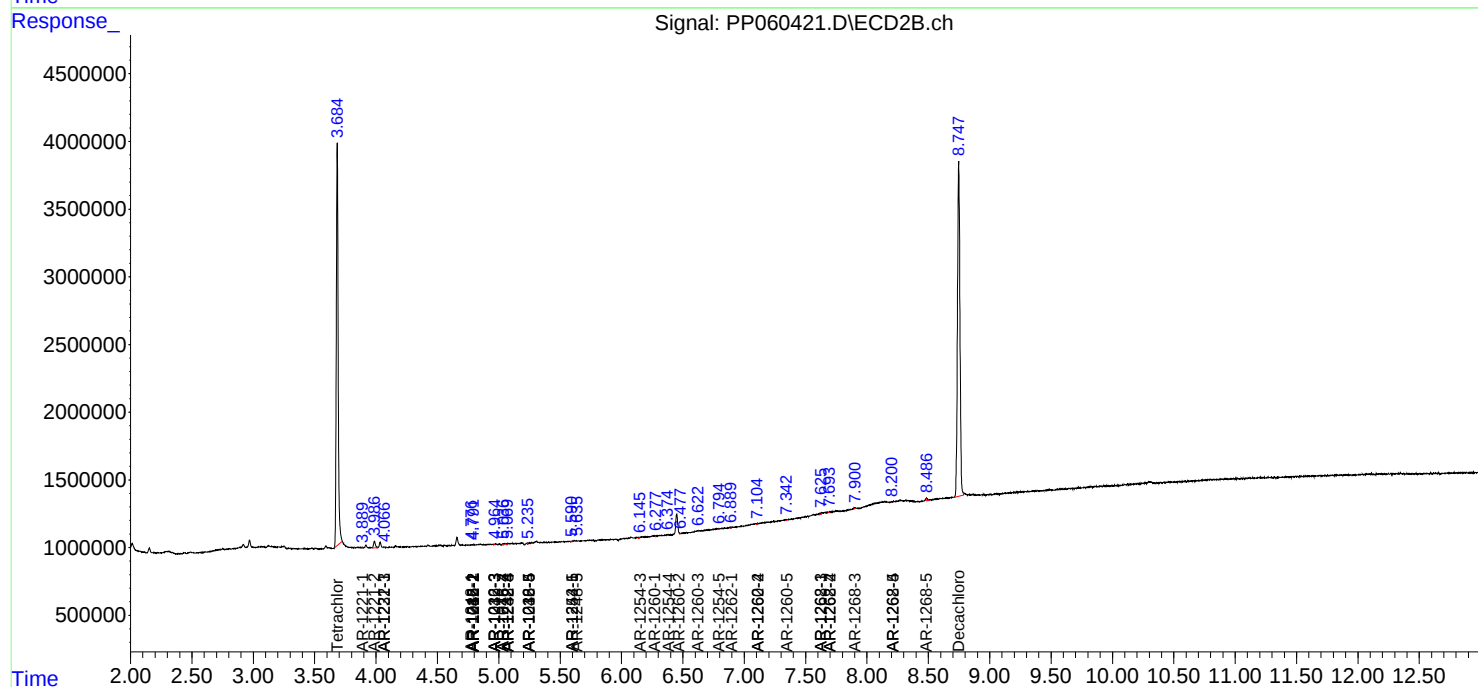
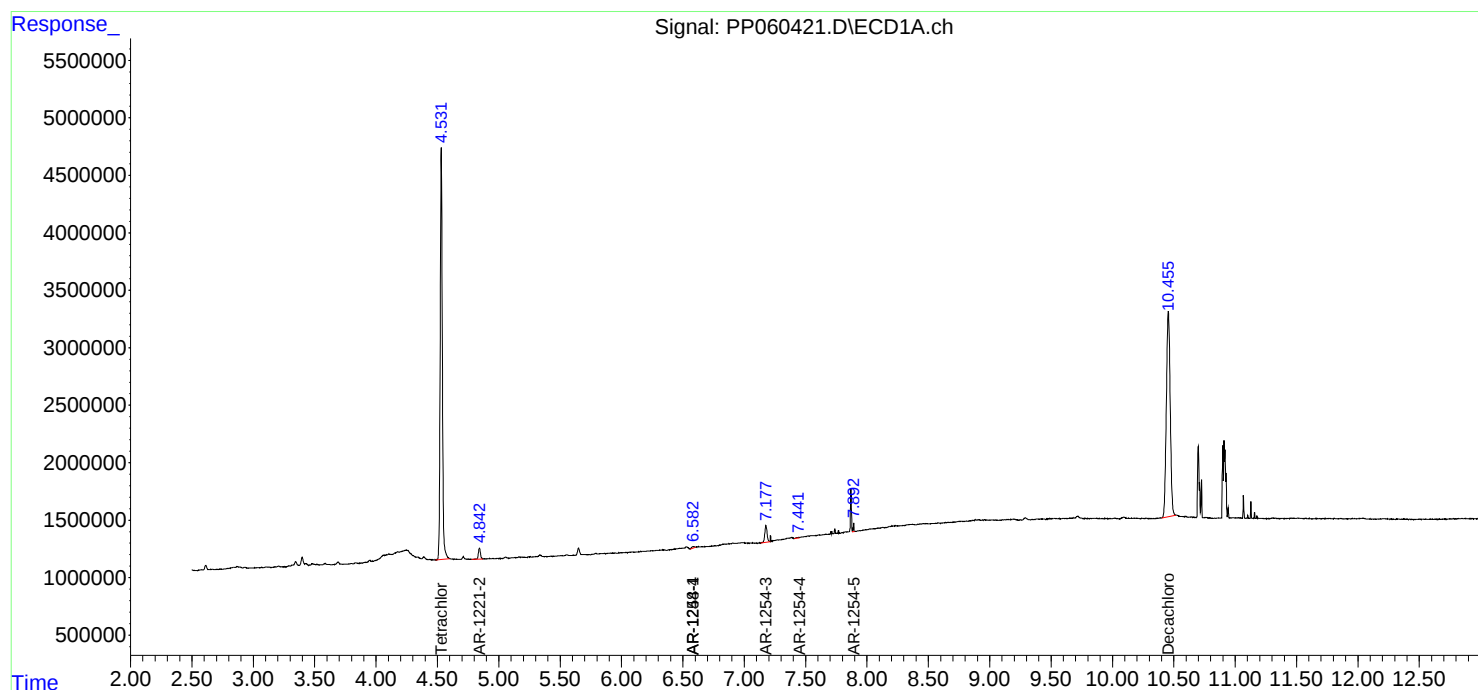
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

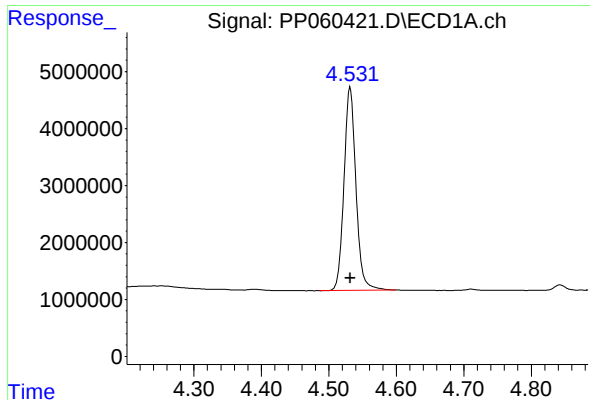
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

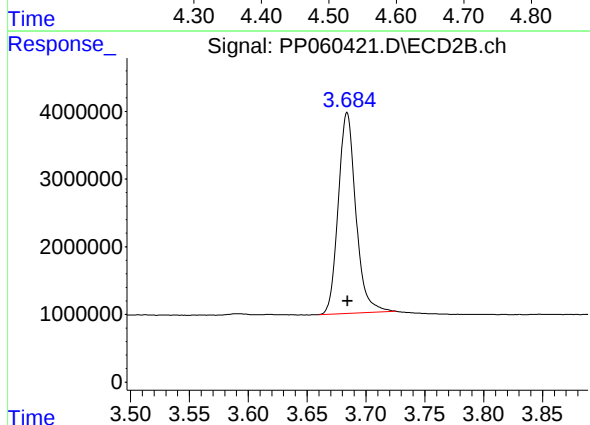




#1 Tetrachloro-m-xylene

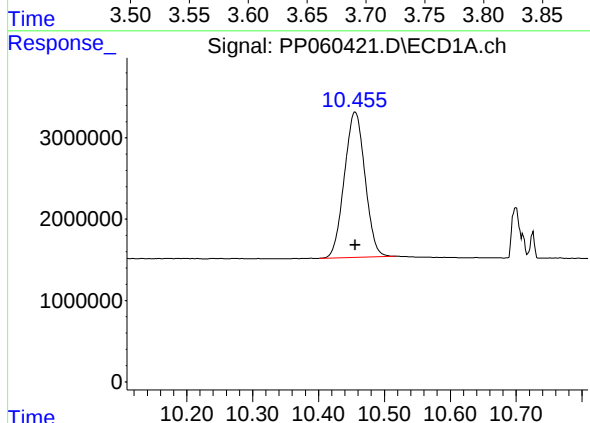
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 43780417
Conc: 19.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



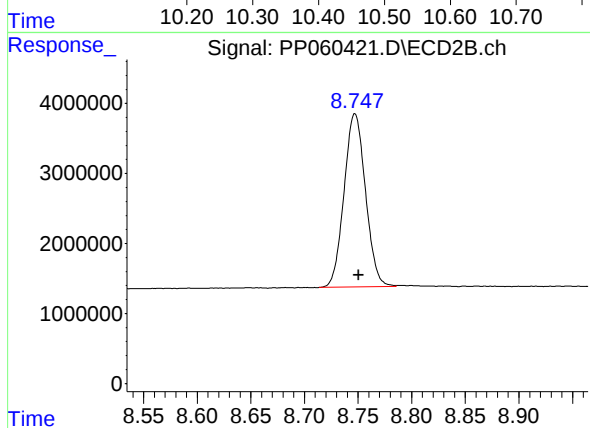
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 30909977
Conc: 20.77 ng/ml



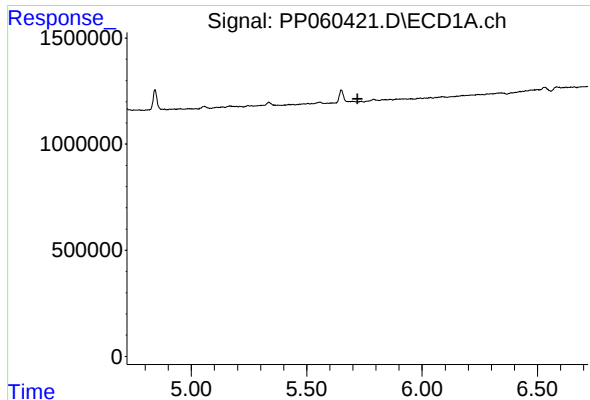
#2 Decachlorobiphenyl

R.T.: 10.456 min
Delta R.T.: 0.000 min
Response: 38932102
Conc: 22.05 ng/ml



#2 Decachlorobiphenyl

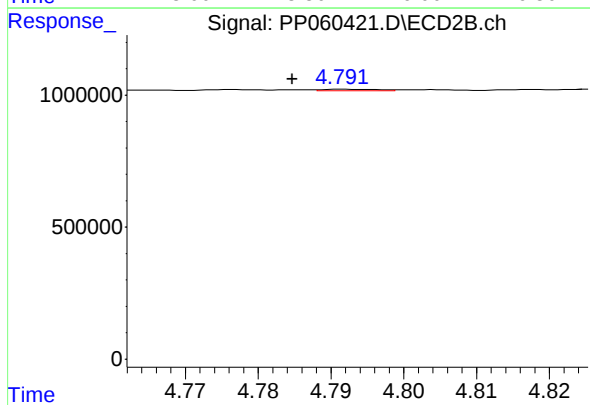
R.T.: 8.747 min
Delta R.T.: -0.004 min
Response: 34483317
Conc: 21.14 ng/ml



#3 AR-1016-1

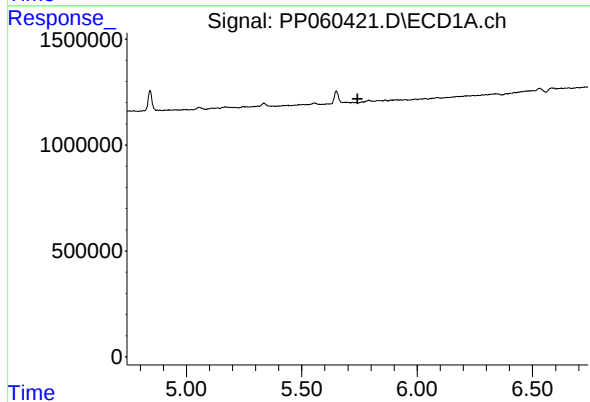
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



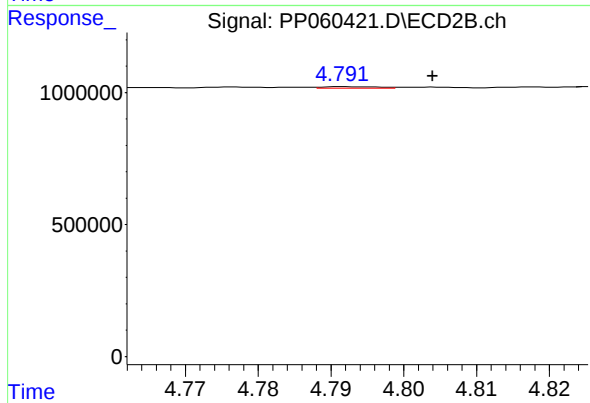
#3 AR-1016-1

R.T.: 4.792 min
Delta R.T.: 0.007 min
Response: 32366
Conc: 0.56 ng/ml



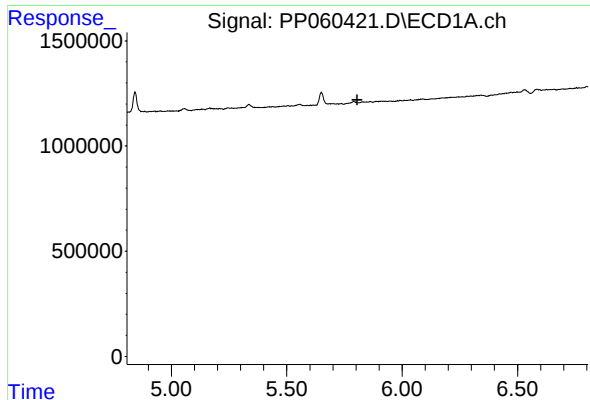
#4 AR-1016-2

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



#4 AR-1016-2

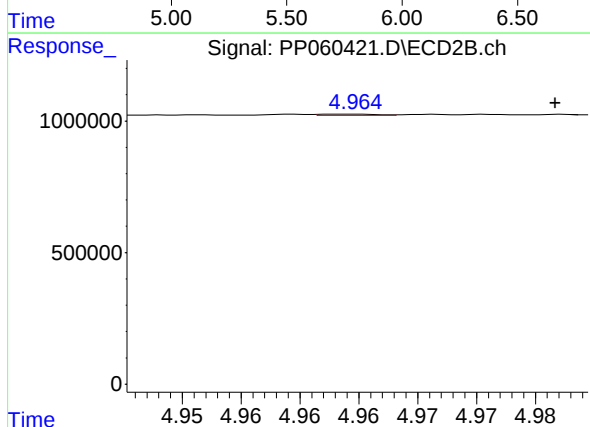
R.T.: 4.792 min
Delta R.T.: -0.012 min
Response: 32366
Conc: 0.40 ng/ml



#5 AR-1016-3

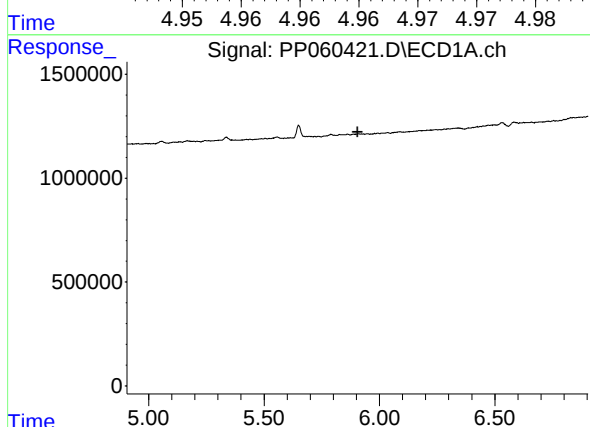
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



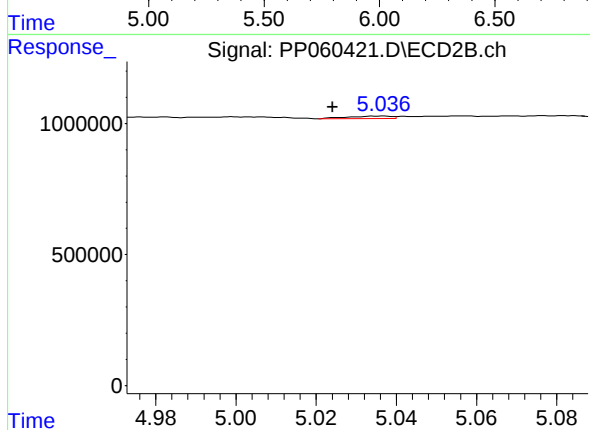
#5 AR-1016-3

R.T.: 4.965 min
Delta R.T.: -0.017 min
Response: 16172
Conc: 0.36 ng/ml



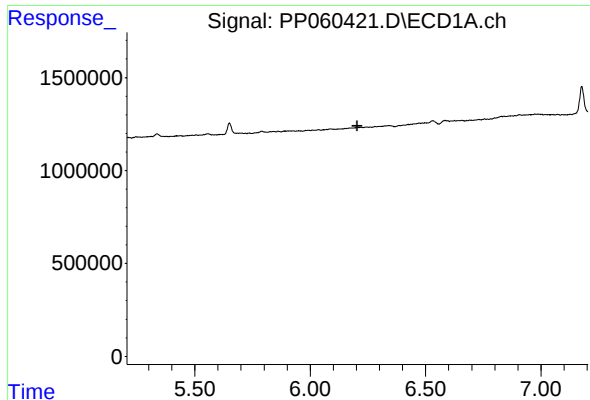
#6 AR-1016-4

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



#6 AR-1016-4

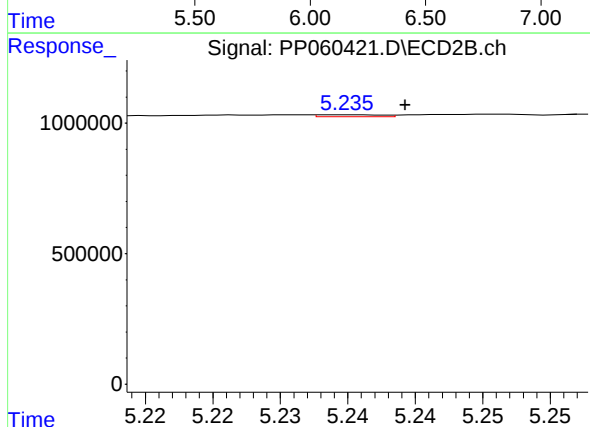
R.T.: 5.037 min
Delta R.T.: 0.013 min
Response: 71504
Conc: 1.99 ng/ml



#7 AR-1016-5

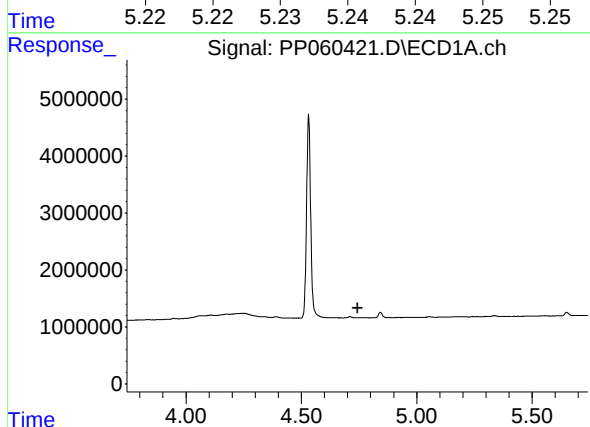
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



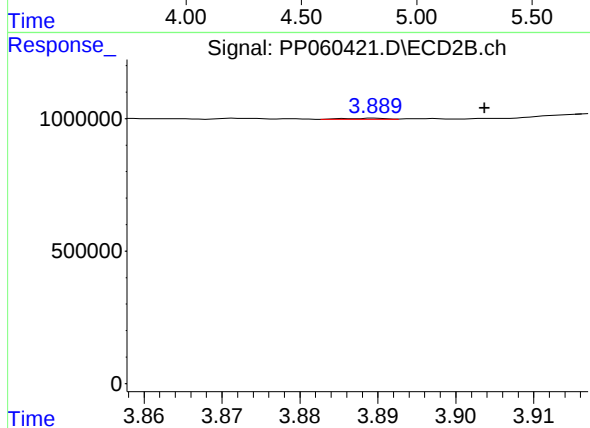
#7 AR-1016-5

R.T.: 5.236 min
Delta R.T.: -0.004 min
Response: 25969
Conc: 0.53 ng/ml



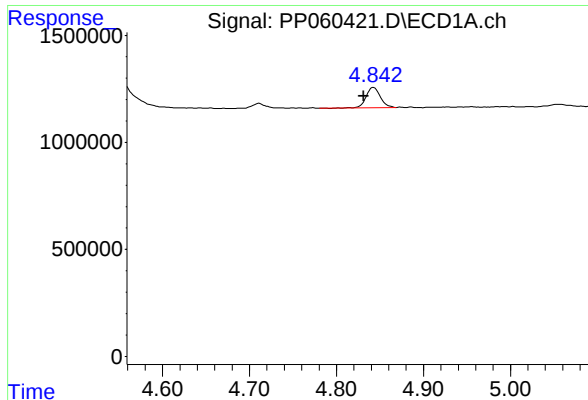
#8 AR-1221-1

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



#8 AR-1221-1

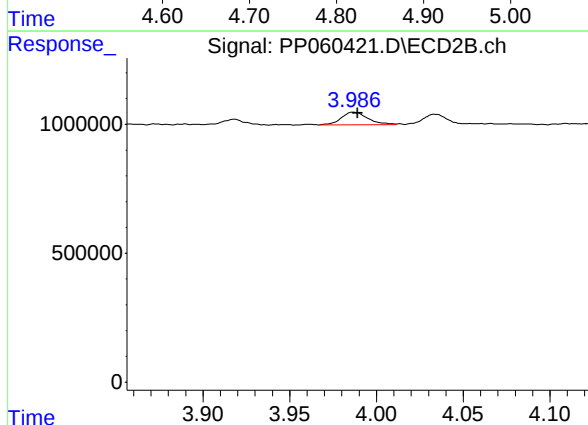
R.T.: 3.890 min
Delta R.T.: -0.014 min
Response: 17931
Conc: 0.86 ng/ml



#9 AR-1221-2

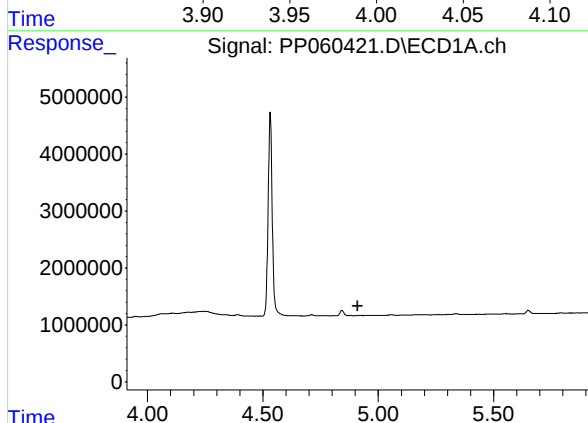
R.T.: 4.843 min
Delta R.T.: 0.011 min
Response: 1066577
Conc: 49.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



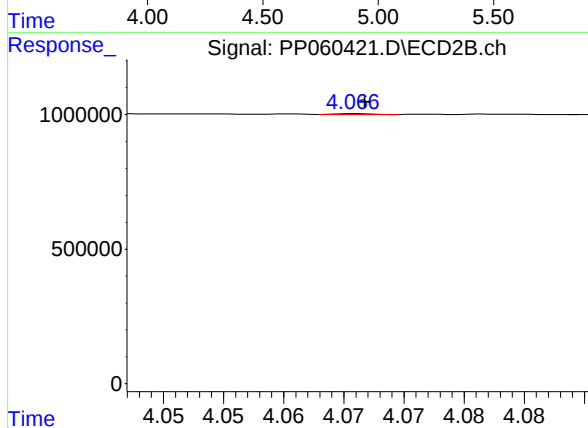
#9 AR-1221-2

R.T.: 3.986 min
Delta R.T.: -0.003 min
Response: 525565
Conc: 35.25 ng/ml



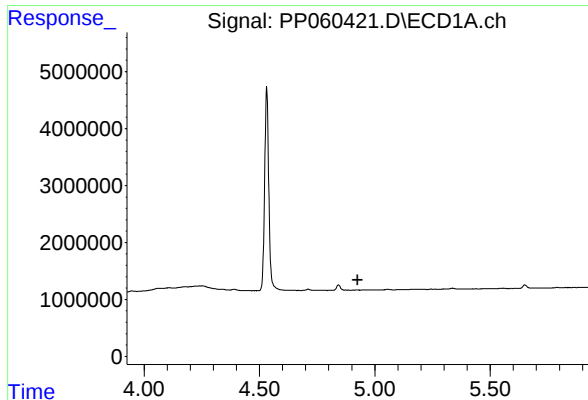
#10 AR-1221-3

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



#10 AR-1221-3

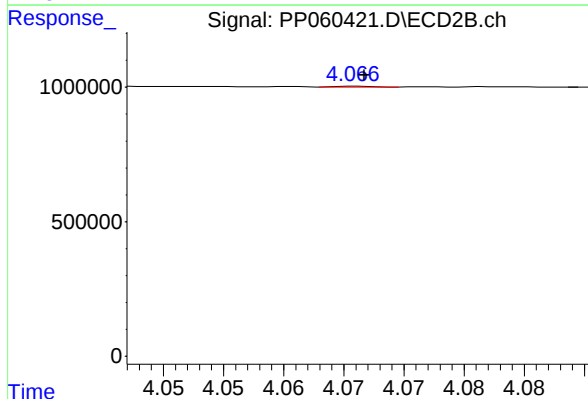
R.T.: 4.066 min
Delta R.T.: 0.000 min
Response: 5431
Conc: 0.12 ng/ml



#11 AR-1232-1

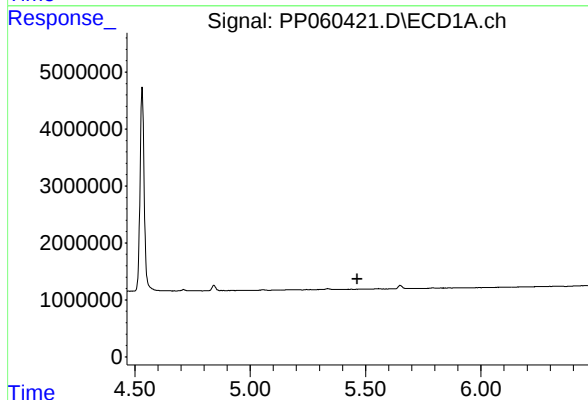
R.T.: 0.000 min
Exp R.T.: 4.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



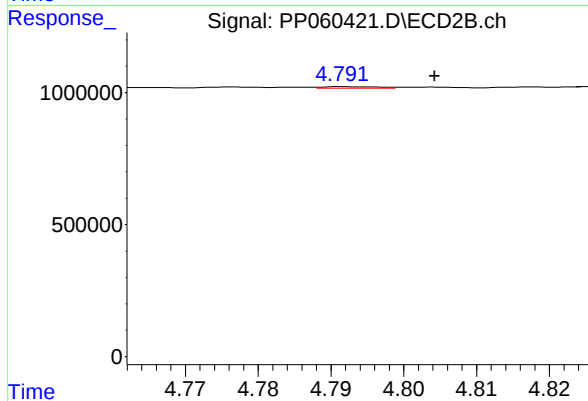
#11 AR-1232-1

R.T.: 4.066 min
Delta R.T.: 0.000 min
Response: 5431
Conc: 0.15 ng/ml



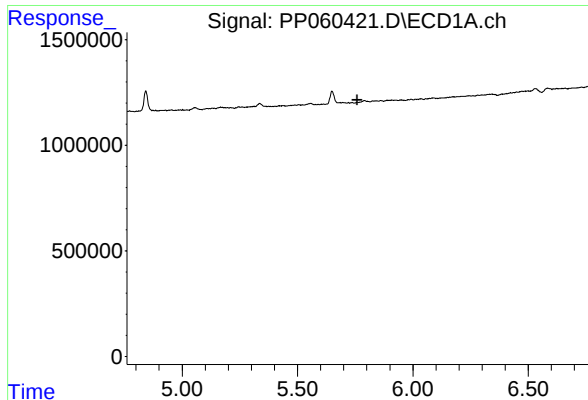
#12 AR-1232-2

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



#12 AR-1232-2

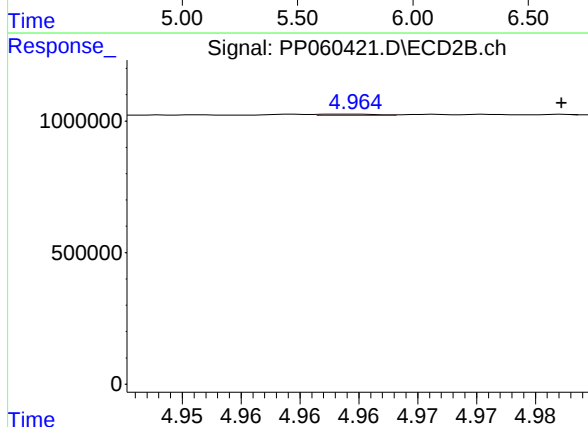
R.T.: 4.792 min
Delta R.T.: -0.013 min
Response: 32366
Conc: 0.89 ng/ml



#13 AR-1232-3

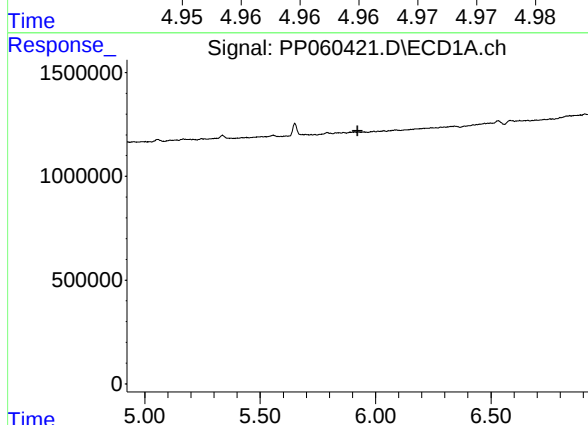
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



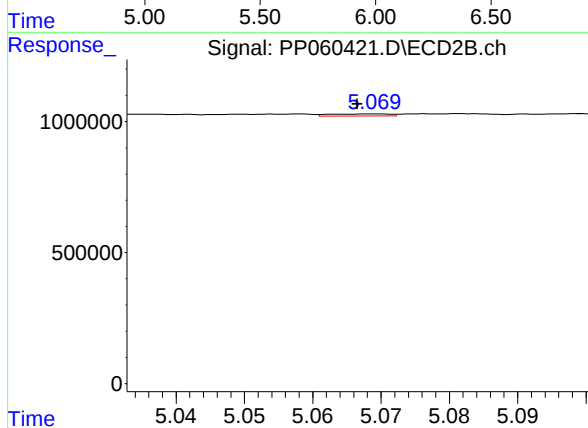
#13 AR-1232-3

R.T.: 4.965 min
Delta R.T.: -0.018 min
Response: 16172
Conc: 0.81 ng/ml



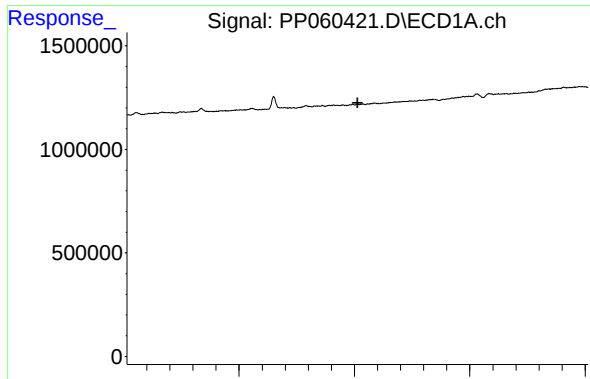
#14 AR-1232-4

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



#14 AR-1232-4

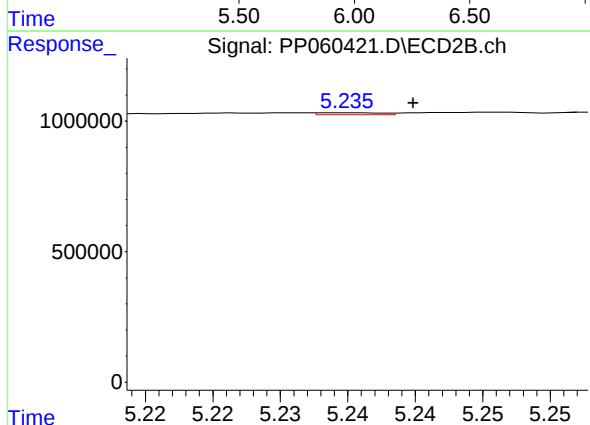
R.T.: 5.069 min
Delta R.T.: 0.003 min
Response: 47496
Conc: 2.54 ng/ml



#15 AR-1232-5

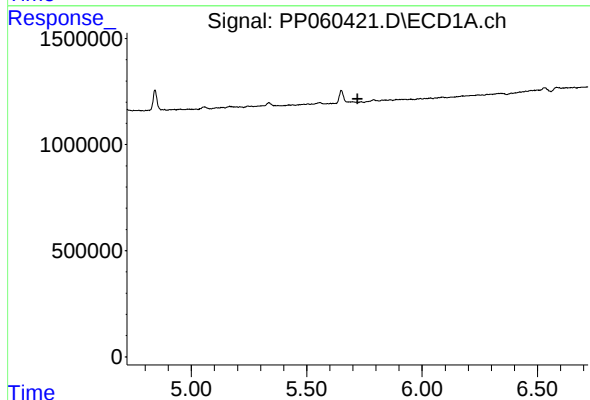
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



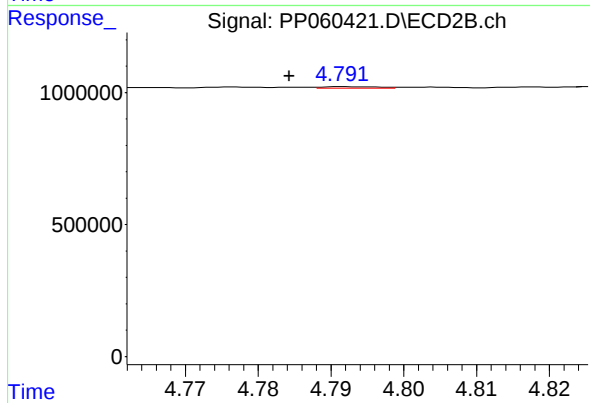
#15 AR-1232-5

R.T.: 5.236 min
Delta R.T.: -0.004 min
Response: 25969
Conc: 1.25 ng/ml



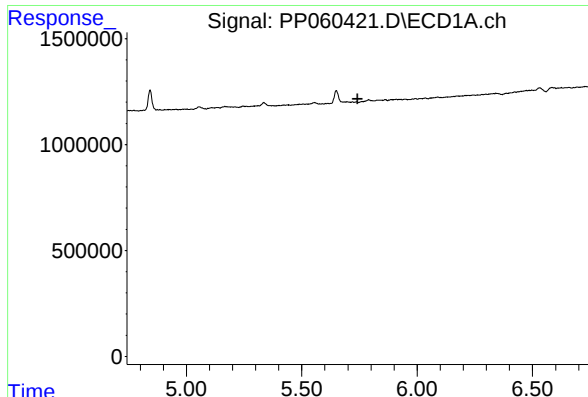
#16 AR-1242-1

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



#16 AR-1242-1

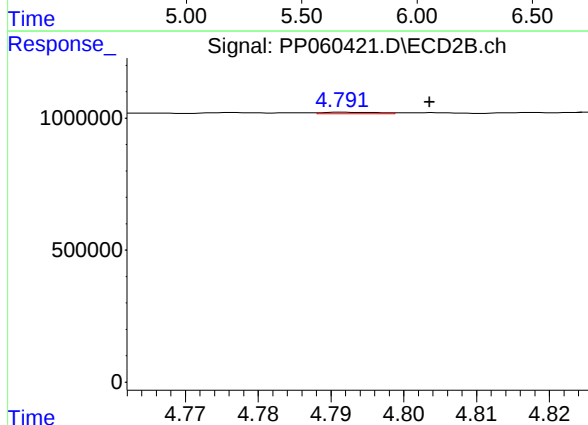
R.T.: 4.792 min
Delta R.T.: 0.007 min
Response: 32366
Conc: 0.64 ng/ml



#17 AR-1242-2

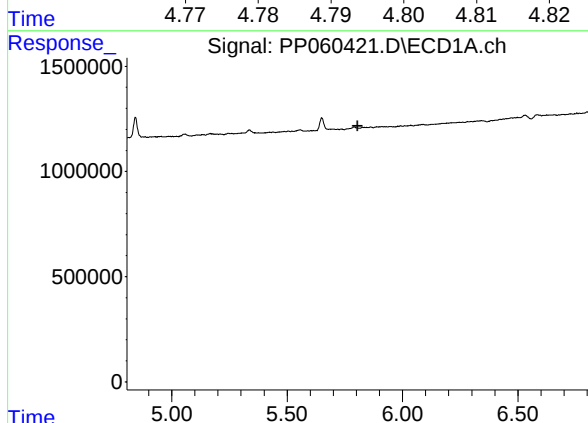
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



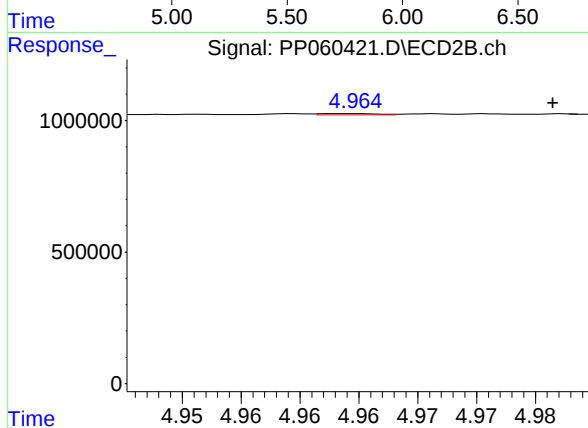
#17 AR-1242-2

R.T.: 4.792 min
Delta R.T.: -0.012 min
Response: 32366
Conc: 0.47 ng/ml



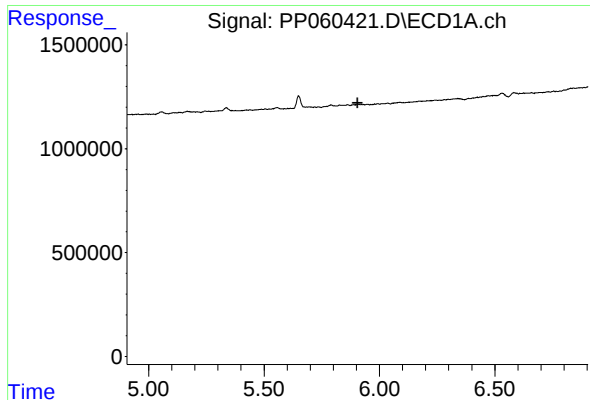
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.805 min
Response: 0
Conc: N.D.



#18 AR-1242-3

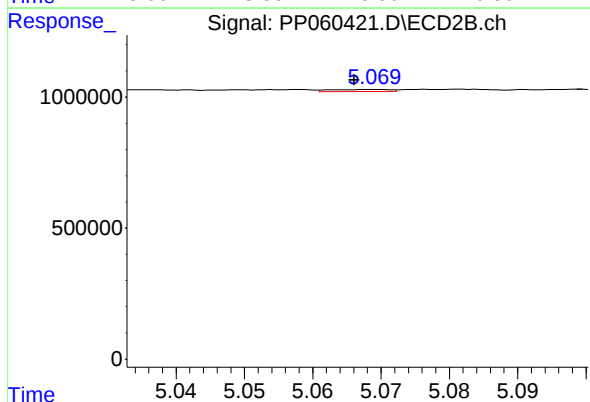
R.T.: 4.965 min
Delta R.T.: -0.017 min
Response: 16172
Conc: 0.42 ng/ml



#19 AR-1242-4

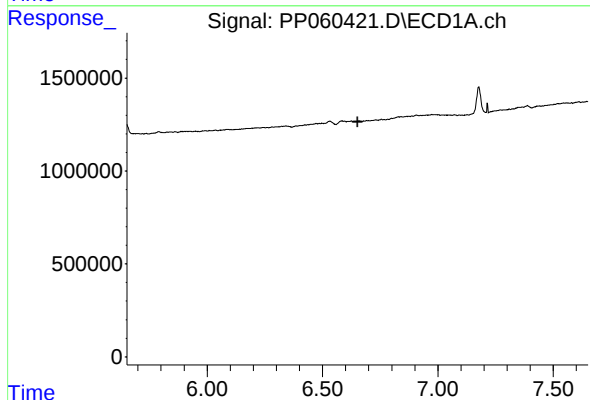
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



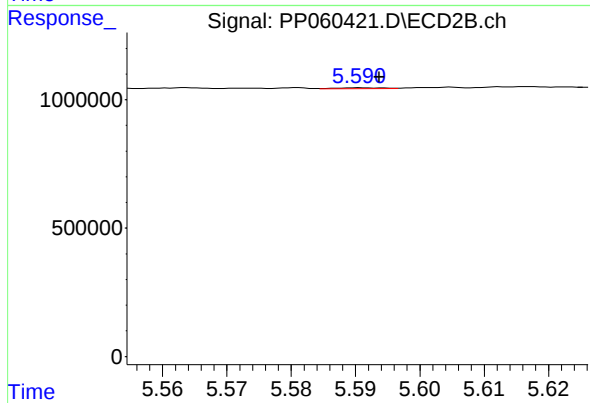
#19 AR-1242-4

R.T.: 5.069 min
Delta R.T.: 0.003 min
Response: 47496
Conc: 1.21 ng/ml



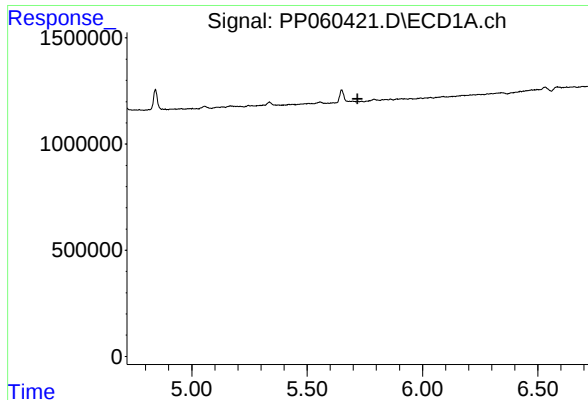
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.652 min
Response: 0
Conc: N.D.



#20 AR-1242-5

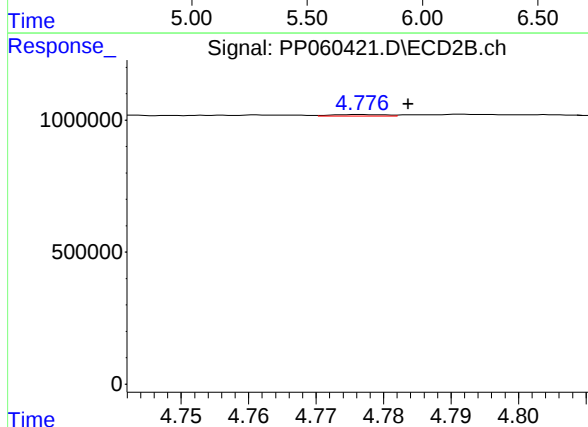
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 18170
Conc: 0.37 ng/ml



#21 AR-1248-1

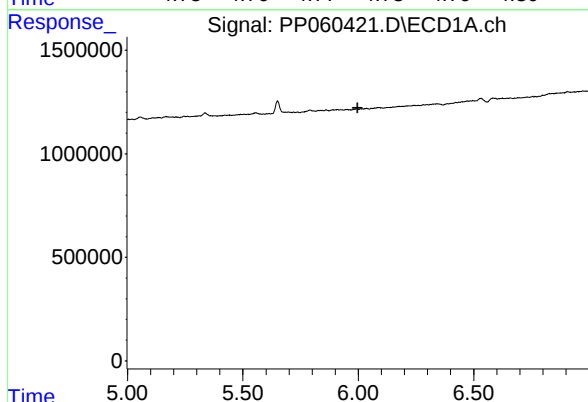
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



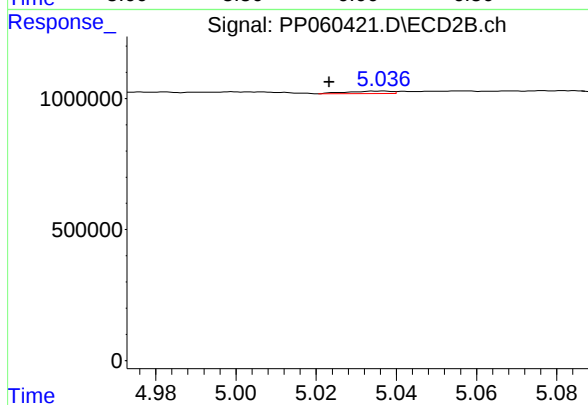
#21 AR-1248-1

R.T.: 4.777 min
Delta R.T.: -0.007 min
Response: 29685
Conc: 0.81 ng/ml



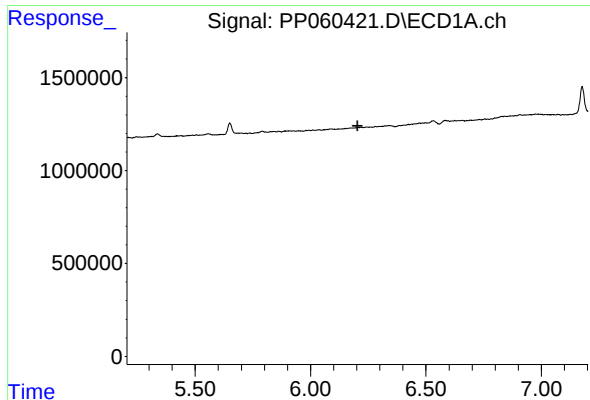
#22 AR-1248-2

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



#22 AR-1248-2

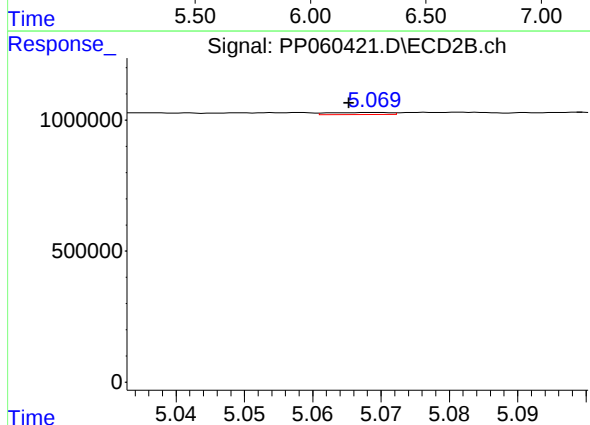
R.T.: 5.037 min
Delta R.T.: 0.013 min
Response: 71504
Conc: 1.37 ng/ml



#23 AR-1248-3

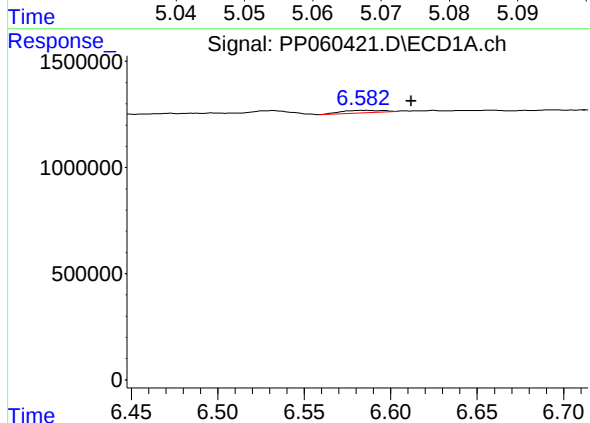
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



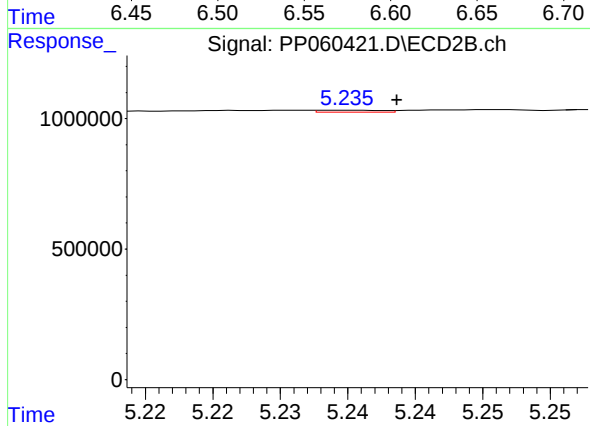
#23 AR-1248-3

R.T.: 5.069 min
Delta R.T.: 0.004 min
Response: 47496
Conc: 0.86 ng/ml



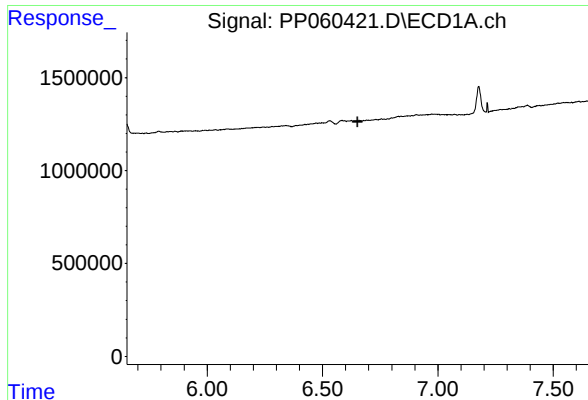
#24 AR-1248-4

R.T.: 6.583 min
Delta R.T.: -0.029 min
Response: 188922
Conc: 2.28 ng/ml



#24 AR-1248-4

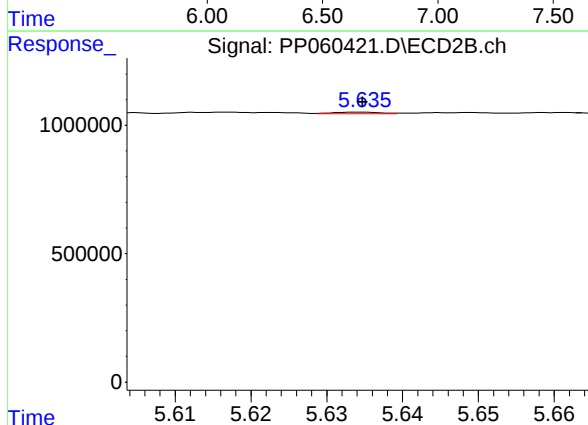
R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 25969
Conc: 0.39 ng/ml



#25 AR-1248-5

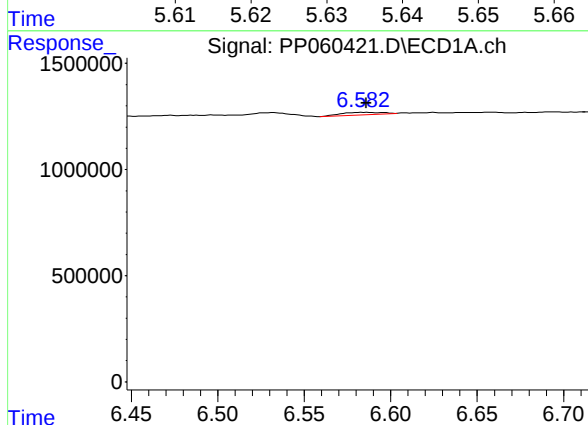
R.T.: 0.000 min
Exp R.T.: 6.651 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



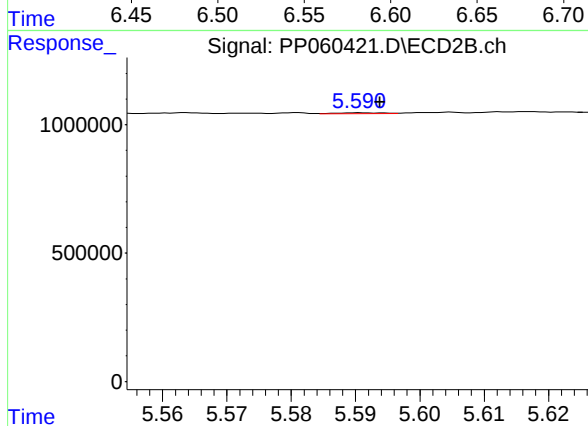
#25 AR-1248-5

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 24316
Conc: 0.38 ng/ml



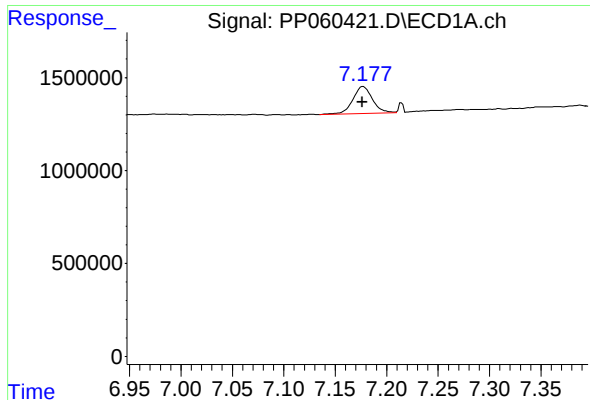
#26 AR-1254-1

R.T.: 6.583 min
Delta R.T.: -0.003 min
Response: 188922
Conc: 2.21 ng/ml



#26 AR-1254-1

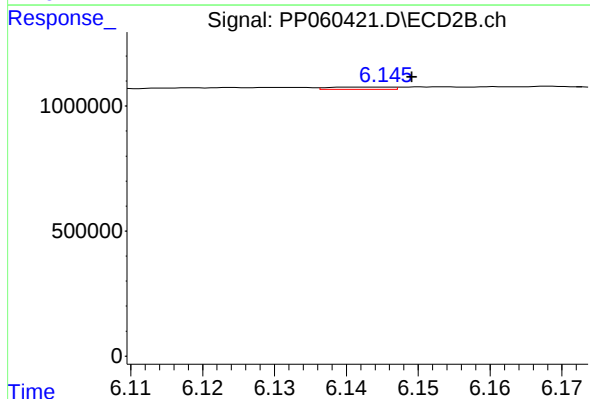
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 18170
Conc: 0.18 ng/ml



#28 AR-1254-3

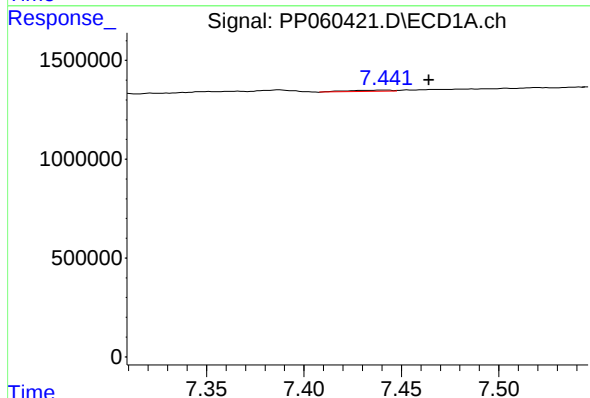
R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 1949258
Conc: 14.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



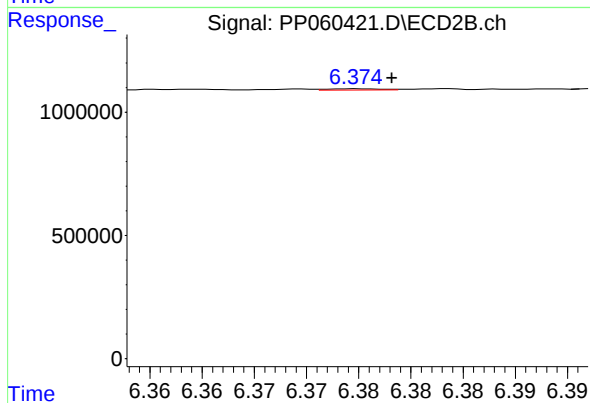
#28 AR-1254-3

R.T.: 6.145 min
Delta R.T.: -0.004 min
Response: 53591
Conc: 0.37 ng/ml



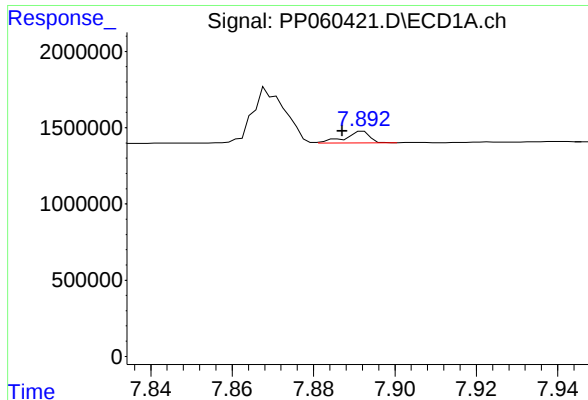
#29 AR-1254-4

R.T.: 7.442 min
Delta R.T.: -0.023 min
Response: 92825
Conc: 0.94 ng/ml



#29 AR-1254-4

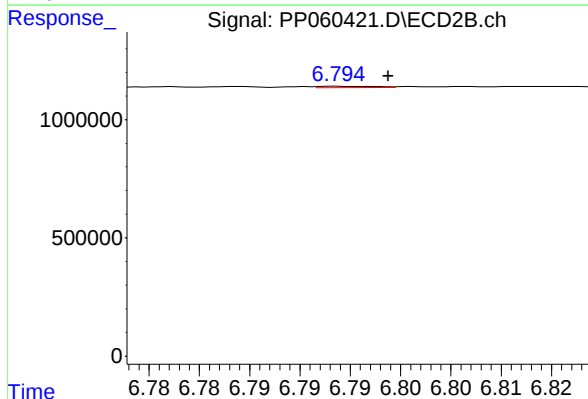
R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 18178
Conc: 0.21 ng/ml



#30 AR-1254-5

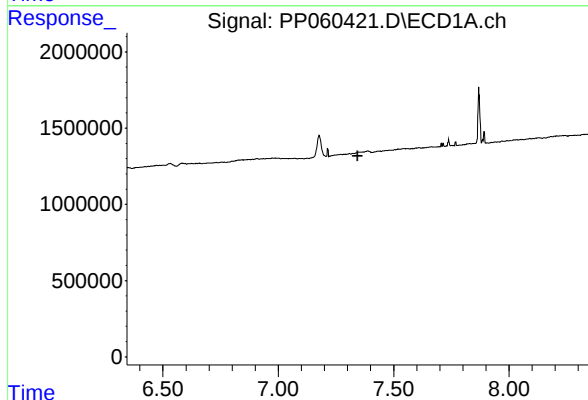
R.T.: 7.892 min
Delta R.T.: 0.005 min
Response: 324946
Conc: 3.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



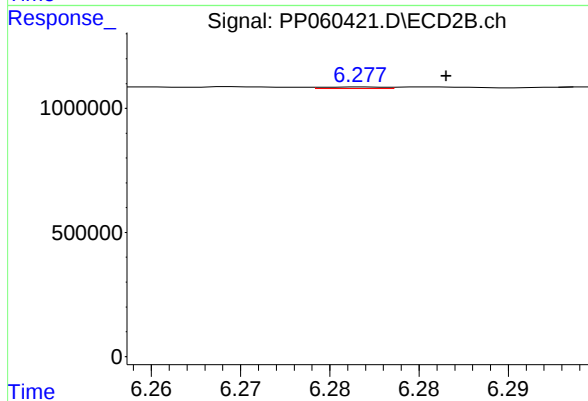
#30 AR-1254-5

R.T.: 6.794 min
Delta R.T.: -0.005 min
Response: 24230
Conc: 0.19 ng/ml



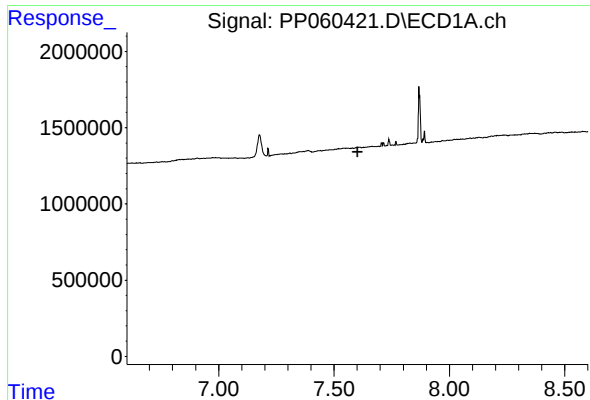
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 7.344 min
Response: 0
Conc: N.D.



#31 AR-1260-1

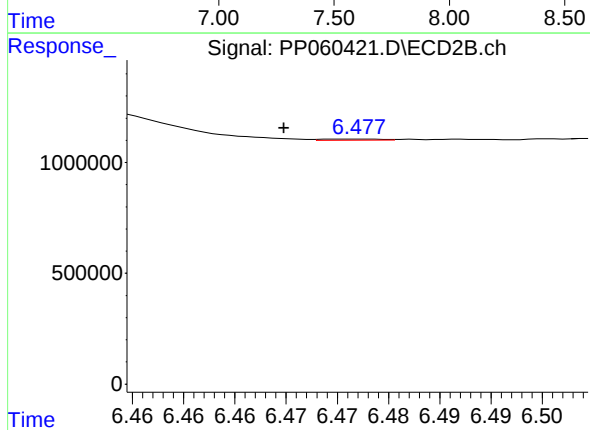
R.T.: 6.277 min
Delta R.T.: -0.005 min
Response: 14709
Conc: 0.15 ng/ml



#32 AR-1260-2

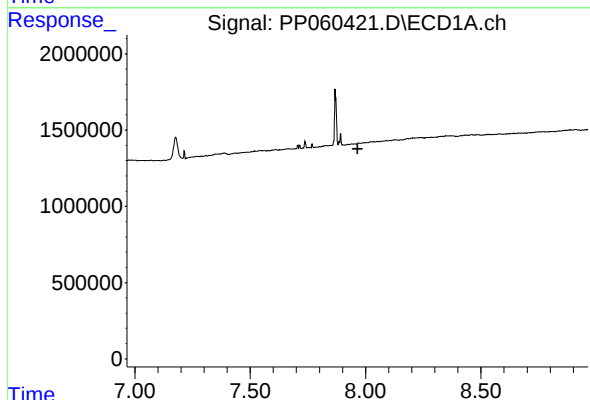
R.T.: 0.000 min
Exp R.T.: 7.602 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



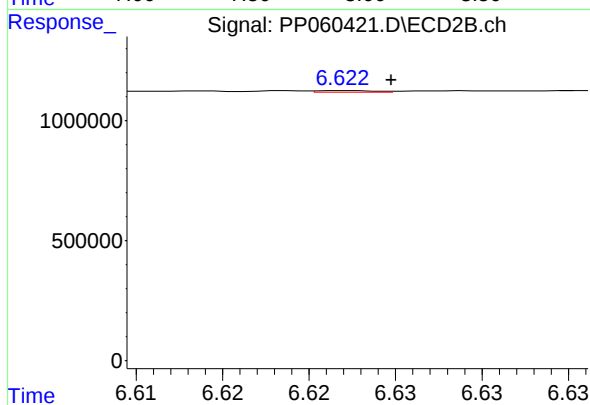
#32 AR-1260-2

R.T.: 6.477 min
Delta R.T.: 0.007 min
Response: 21810
Conc: 0.18 ng/ml



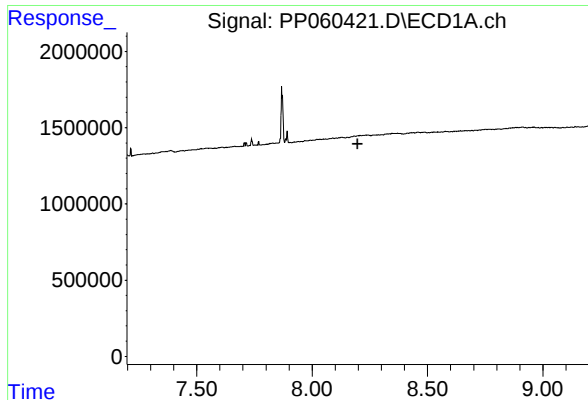
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 7.965 min
Response: 0
Conc: N.D.



#33 AR-1260-3

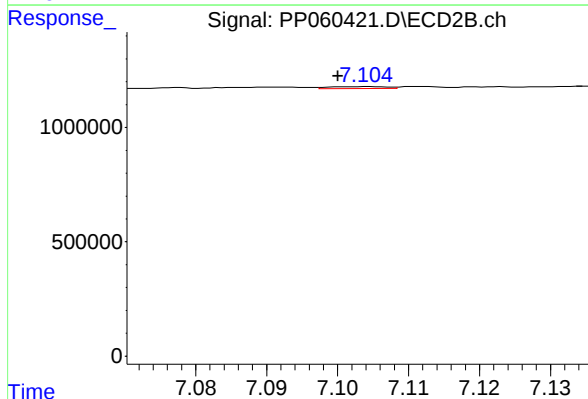
R.T.: 6.622 min
Delta R.T.: -0.003 min
Response: 16987
Conc: 0.15 ng/ml



#34 AR-1260-4

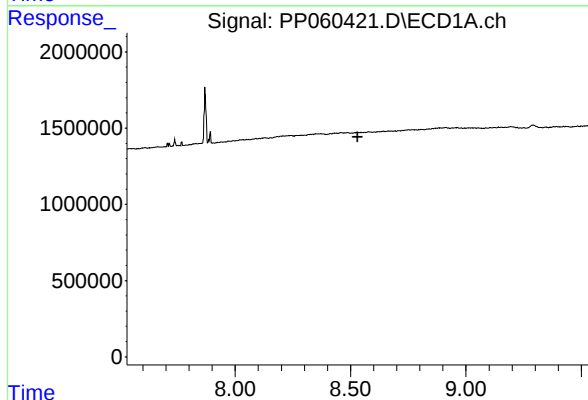
R.T.: 0.000 min
Exp R.T.: 8.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



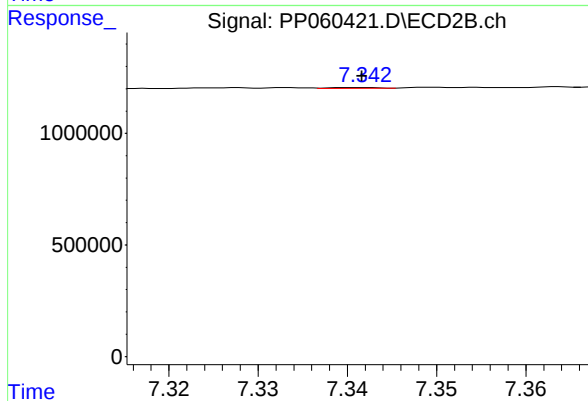
#34 AR-1260-4

R.T.: 7.104 min
Delta R.T.: 0.004 min
Response: 43854
Conc: 0.46 ng/ml



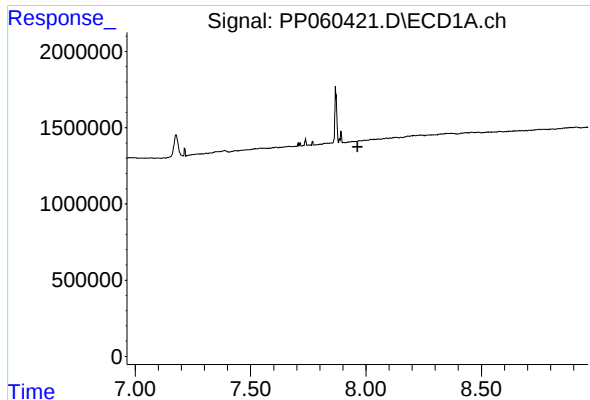
#35 AR-1260-5

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



#35 AR-1260-5

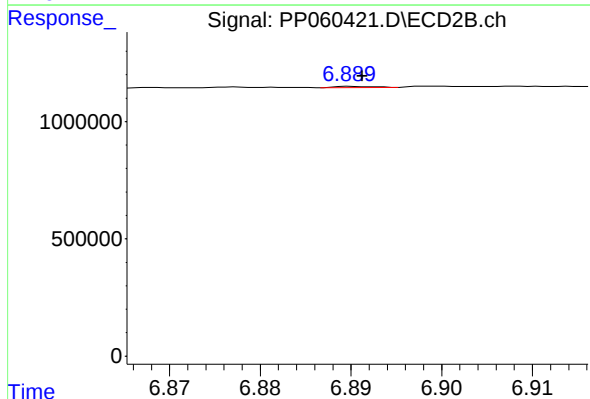
R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 16027
Conc: 0.07 ng/ml



#36 AR-1262-1

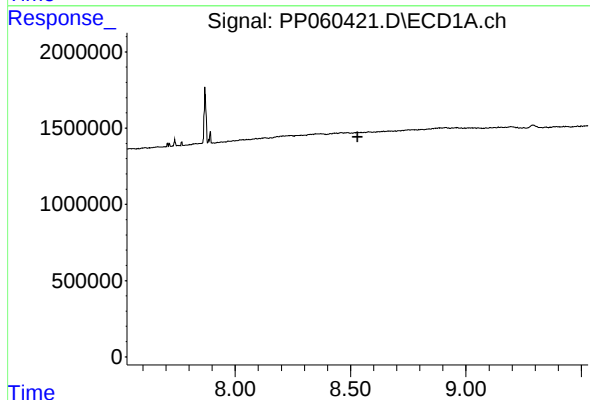
R.T.: 0.000 min
Exp R.T.: 7.964 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



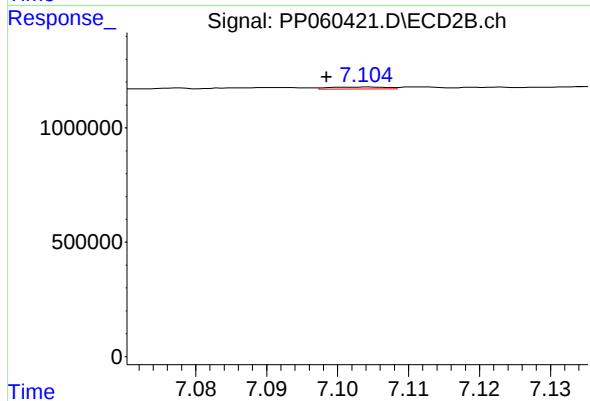
#36 AR-1262-1

R.T.: 6.890 min
Delta R.T.: -0.001 min
Response: 16817
Conc: 0.31 ng/ml



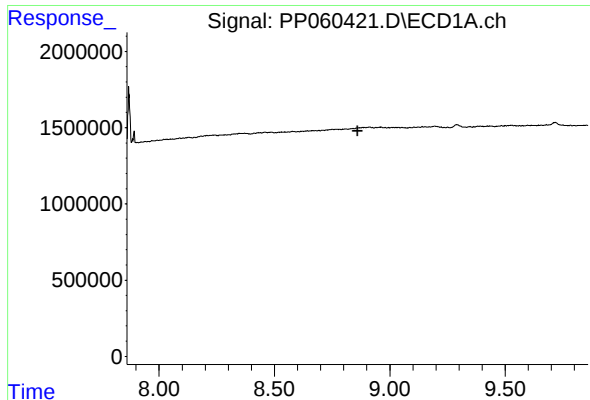
#37 AR-1262-2

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



#37 AR-1262-2

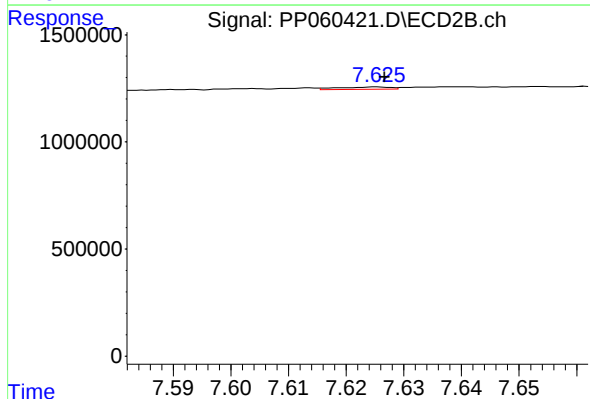
R.T.: 7.104 min
Delta R.T.: 0.006 min
Response: 43854
Conc: 0.37 ng/ml



#38 AR-1262-3

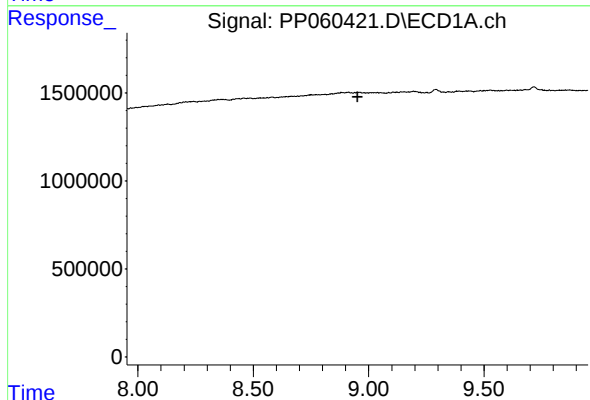
R.T.: 0.000 min
Exp R.T.: 8.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



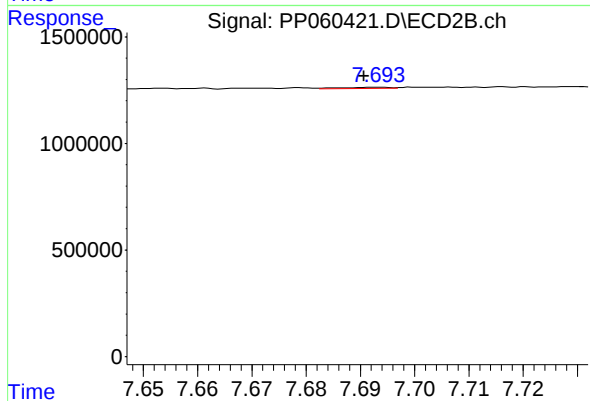
#38 AR-1262-3

R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 64933
Conc: 0.70 ng/ml



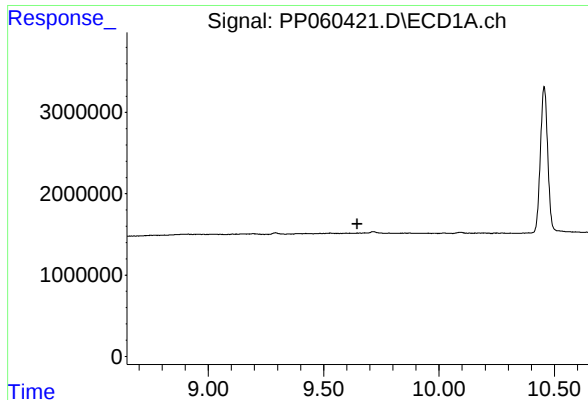
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.



#39 AR-1262-4

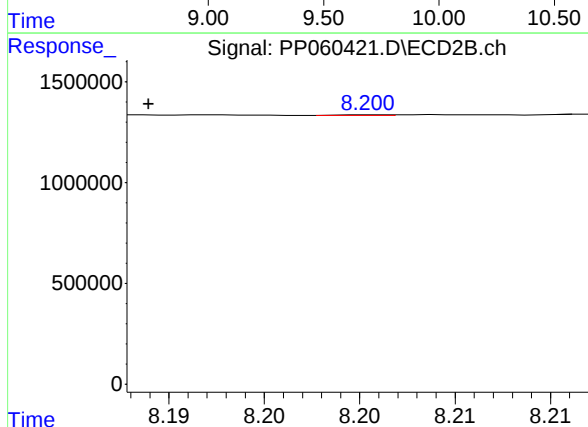
R.T.: 7.694 min
Delta R.T.: 0.003 min
Response: 30547
Conc: 0.18 ng/ml



#40 AR-1262-5

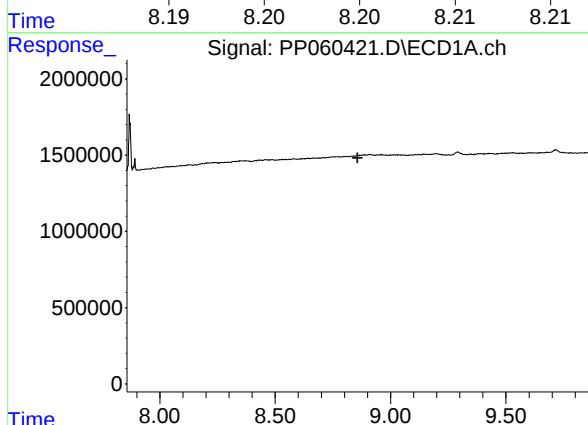
R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



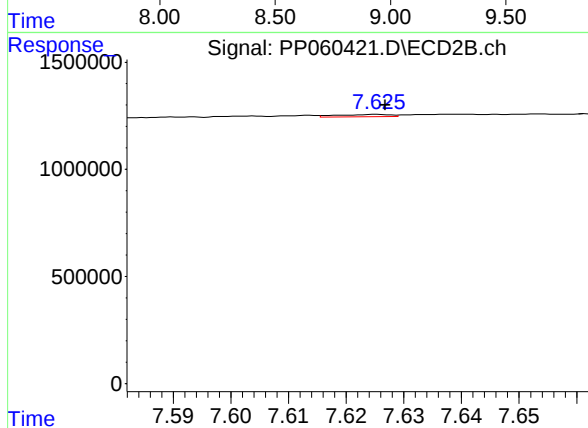
#40 AR-1262-5

R.T.: 8.201 min
Delta R.T.: 0.012 min
Response: 4870
Conc: 0.06 ng/ml



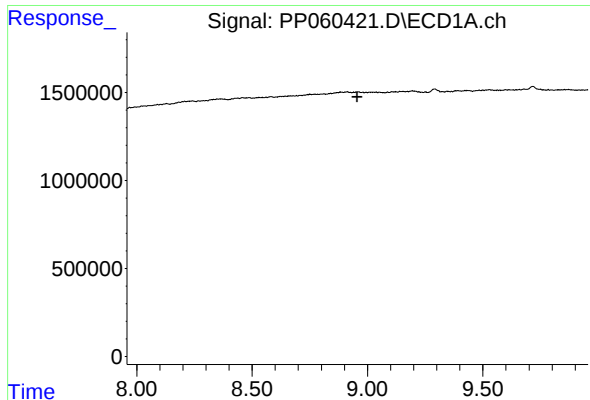
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.856 min
Response: 0
Conc: N.D.



#41 AR-1268-1

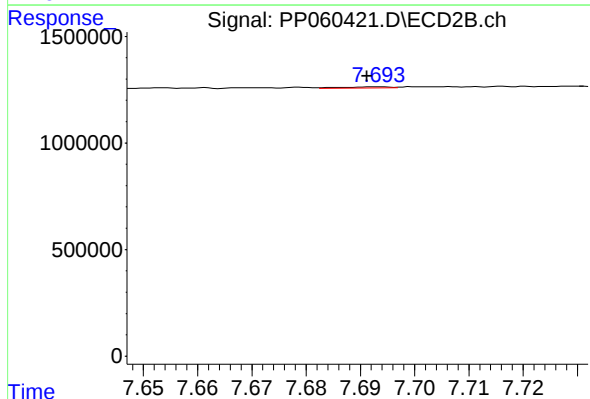
R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 64933
Conc: 0.24 ng/ml



#42 AR-1268-2

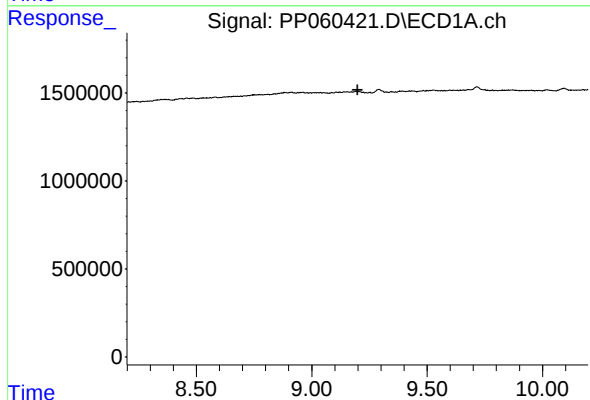
R.T.: 0.000 min
Exp R.T.: 8.956 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



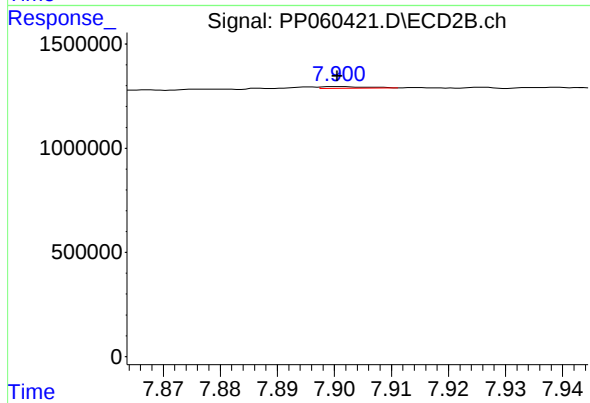
#42 AR-1268-2

R.T.: 7.694 min
Delta R.T.: 0.002 min
Response: 30547
Conc: 0.13 ng/ml



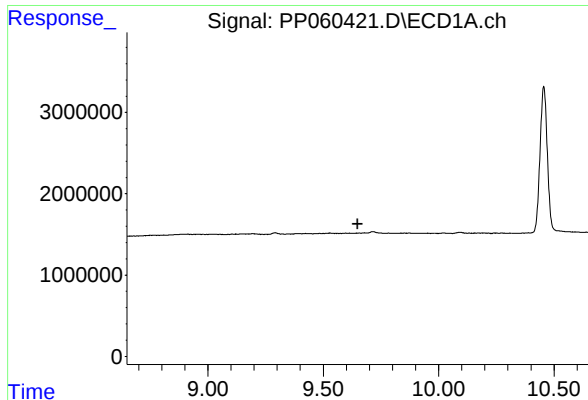
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.



#43 AR-1268-3

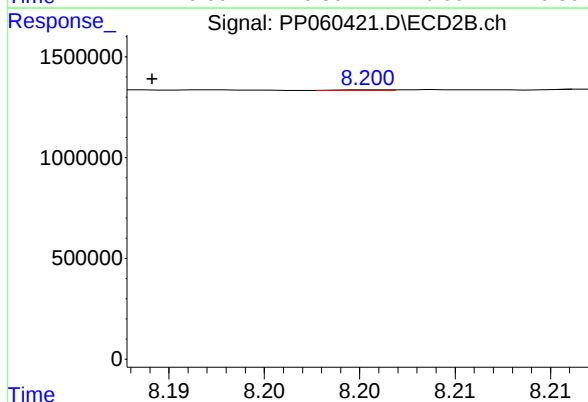
R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 44947
Conc: 0.21 ng/ml



#44 AR-1268-4

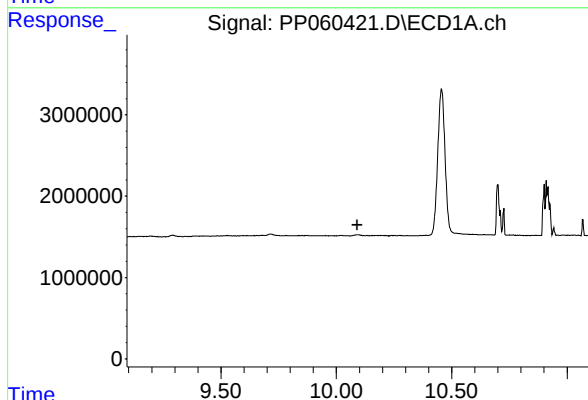
R.T.: 0.000 min
Exp R.T.: 9.648 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



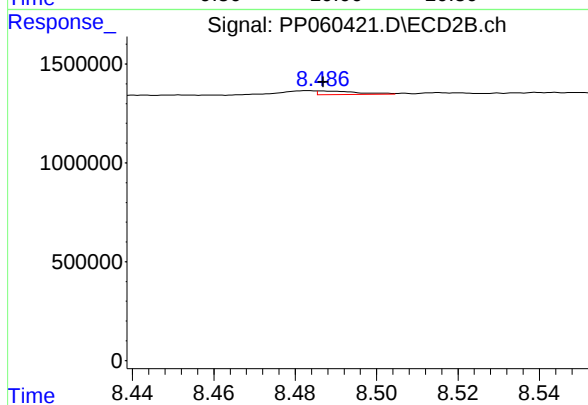
#44 AR-1268-4

R.T.: 8.201 min
Delta R.T.: 0.012 min
Response: 4870
Conc: 0.06 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.091 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 123262
Conc: 0.20 ng/ml