

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092923\
 Data File : PP060412.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2023 17:14
 Operator : YP\AJ
 Sample : 04627-09
 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: Sep 30 00:18:59 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	50050012	35996018	22.349	24.183
2) SA Decachlor...	10.457	8.747	39132277	34545813	22.165	21.178
Target Compounds						
3) L1 AR-1016-1	0.000	4.785	0	10712	N.D.	0.184 #
4) L1 AR-1016-2	0.000	4.797	0	27955	N.D.	0.347 #
5) L1 AR-1016-3	0.000	4.983	0	198633	N.D.	4.444 #
6) L1 AR-1016-4	0.000	5.028	0	20530	N.D.	0.571 #
7) L1 AR-1016-5	0.000	5.226	0	329640	N.D.	6.784 #
8) L2 AR-1221-1	0.000	3.910	0	937664	N.D.	44.885 #
9) L2 AR-1221-2	4.843	3.983	679417	1184313	31.800	79.426 #
10) L2 AR-1221-3	0.000	4.063	0	10676	N.D.	0.243 #
11) L3 AR-1232-1	4.942f	4.063	1197954	10676	23.798	0.293 #
12) L3 AR-1232-2	0.000	4.797	0	27955	N.D.	0.767 #
13) L3 AR-1232-3	0.000	4.983	0	198633	N.D.	9.924 #
14) L3 AR-1232-4	5.941f	5.062	504349	14752	20.519	0.790 #
15) L3 AR-1232-5	0.000	5.226	0	329640	N.D.	15.849 #
16) L4 AR-1242-1	0.000	4.785	0	10712	N.D.	0.212 #
17) L4 AR-1242-2	0.000	4.797	0	27955	N.D.	0.403 #
18) L4 AR-1242-3	0.000	4.983	0	198633	N.D.	5.158 #
19) L4 AR-1242-4	0.000	5.062	0	14752	N.D.	0.375 #
20) L4 AR-1242-5	0.000	5.588	0	263309	N.D.	5.383 #
21) L5 AR-1248-1	0.000	4.785	0	10712	N.D.	0.294 #
22) L5 AR-1248-2	0.000	5.028	0	20530	N.D.	0.393 #
23) L5 AR-1248-3	0.000	5.062	0	14752	N.D.	0.266 #
24) L5 AR-1248-4	0.000	5.226	0	329640	N.D.	5.008 #
25) L5 AR-1248-5	0.000	5.631	0	18190	N.D.	0.283 #
26) L6 AR-1254-1	0.000	5.588	0	263309	N.D.	2.662 #
27) L6 AR-1254-2	6.826f	0.000	320146	0	2.508	N.D. #
28) L6 AR-1254-3	7.177	6.148	390074	20463	2.935	0.143 #
29) L6 AR-1254-4	0.000	6.379	0	18359	N.D.	0.211 #
30) L6 AR-1254-5	7.886	6.799	389424	26228	3.594	0.207 #
31) L7 AR-1260-1	0.000	6.278	0	25042	N.D.	0.249 #
32) L7 AR-1260-2	7.631f	6.469	405613	22065	3.355	0.185 #
33) L7 AR-1260-3	0.000	6.627	0	21580	N.D.	0.188 #
34) L7 AR-1260-4	0.000	7.099	0	46396	N.D.	0.487 #
35) L7 AR-1260-5	0.000	7.342	0	32527	N.D.	0.150 #
36) L8 AR-1262-1	0.000	6.895	0	32762	N.D.	0.612 #
37) L8 AR-1262-2	0.000	7.099	0	46396	N.D.	0.393 #
38) L8 AR-1262-3	0.000	7.624	0	27845	N.D.	0.302 #
39) L8 AR-1262-4	8.945	7.682	819215	317954	6.845	1.887 #
40) L8 AR-1262-5	9.676f	8.193	95283	8773	1.190	0.113 #
41) L9 AR-1268-1	0.000	7.624	0	27845	N.D.	0.102 #

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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	ng/ml	ng/ml
42) L9	AR-1268-2	8.945	7.682	819215	317954	3.361	1.304 #
43) L9	AR-1268-3	9.192	7.901	2344696	20549	11.211	0.096 #
44) L9	AR-1268-4	9.676f	8.193	95283	8773	1.031	0.100 #
45) L9	AR-1268-5	0.000	8.486	0	329067	N.D.	0.526 #

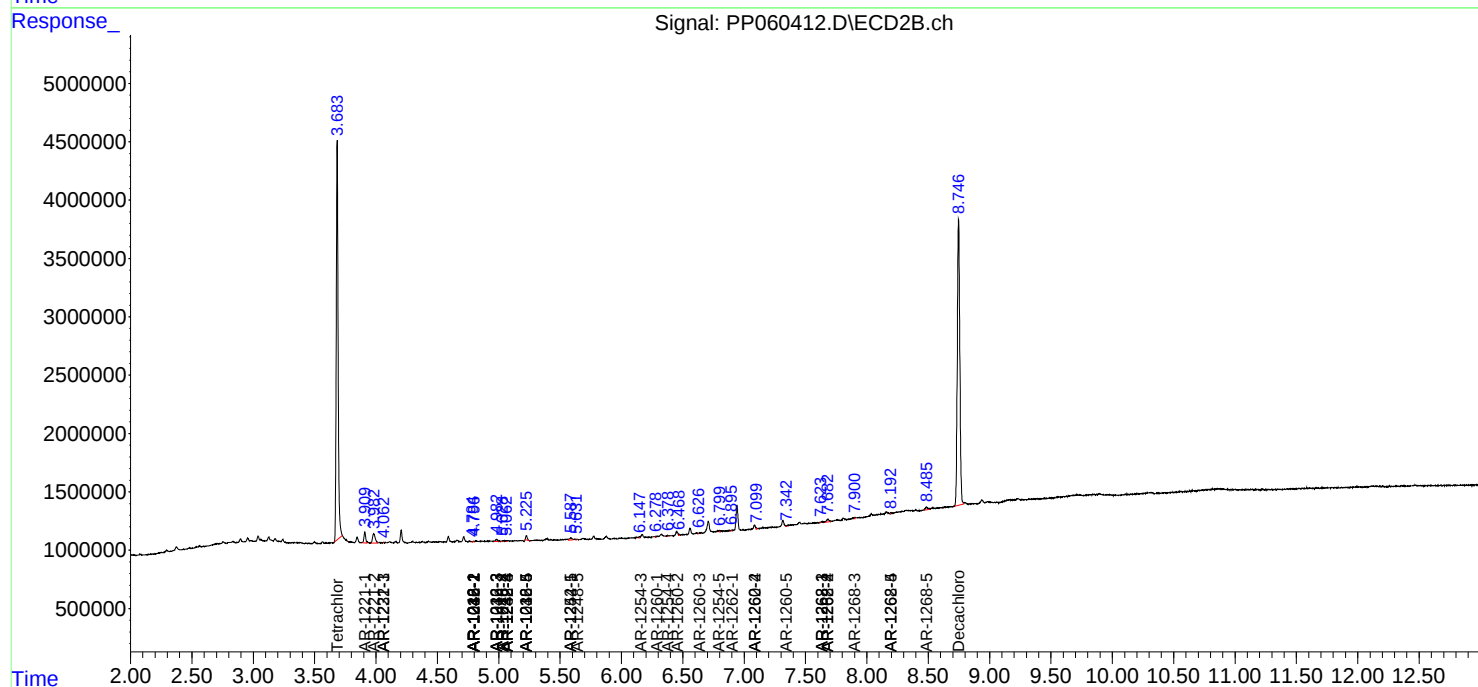
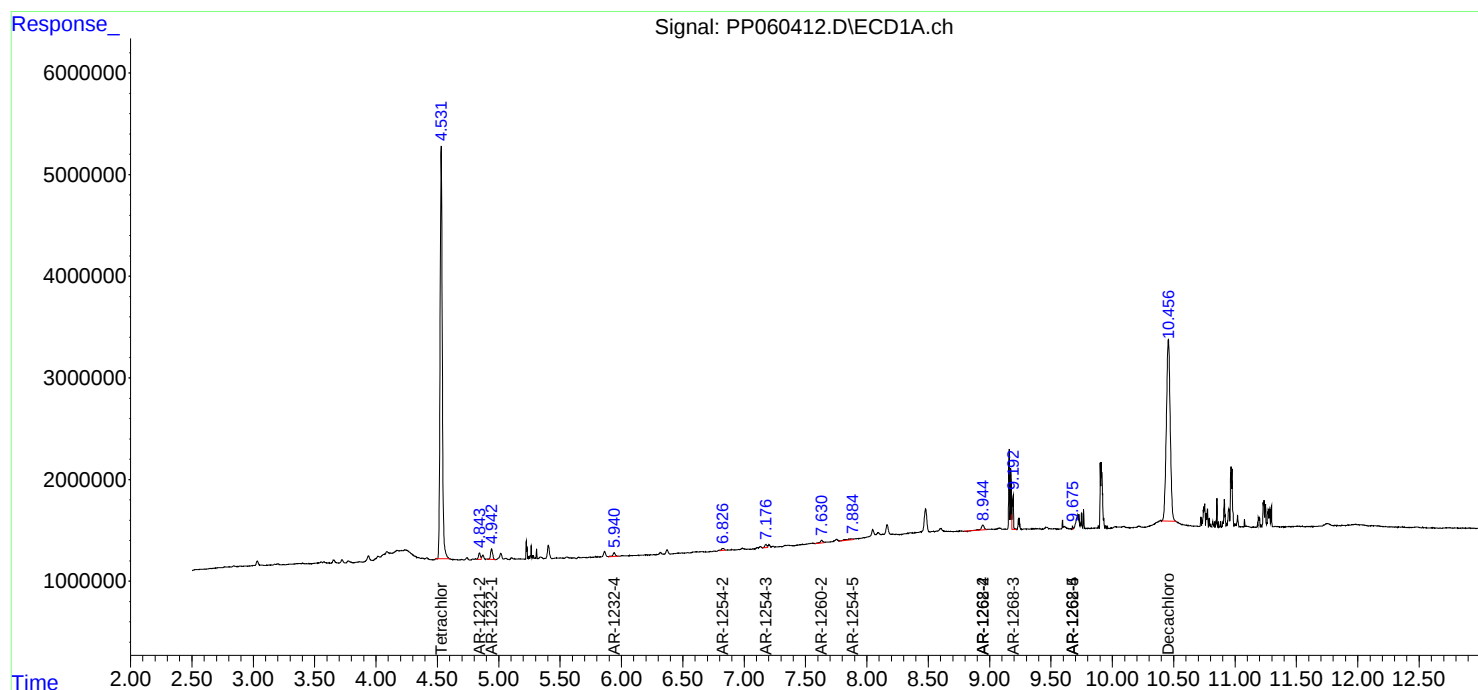
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

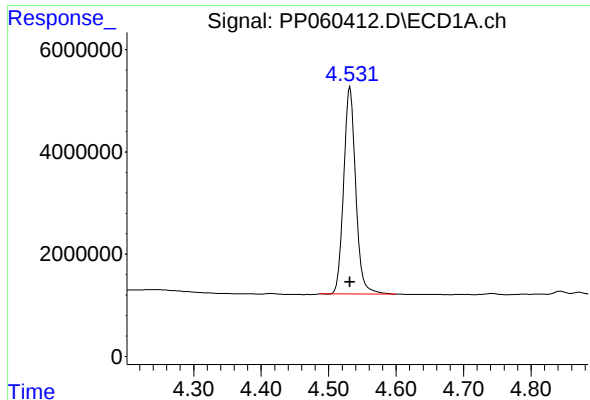
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

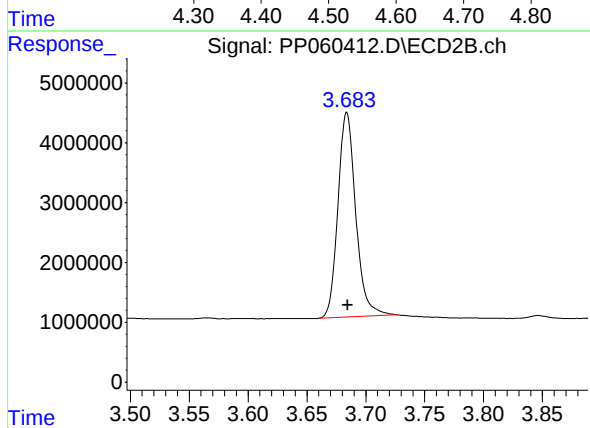




#1 Tetrachloro-m-xylene

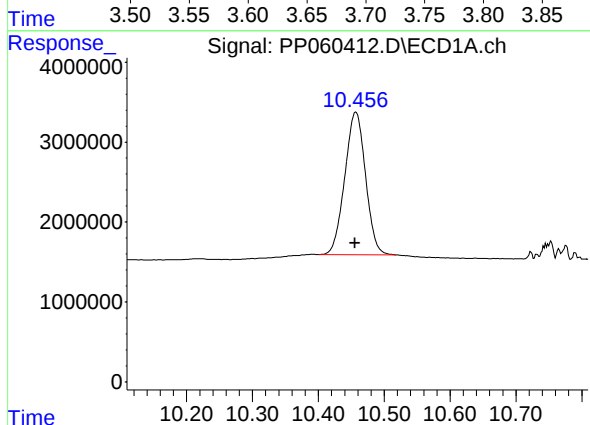
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 50050012
Conc: 22.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



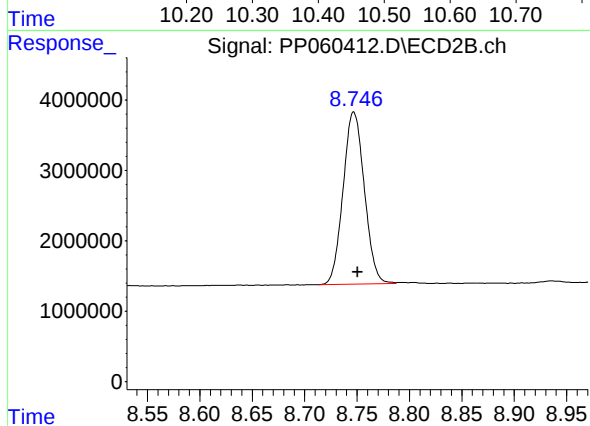
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 35996018
Conc: 24.18 ng/ml



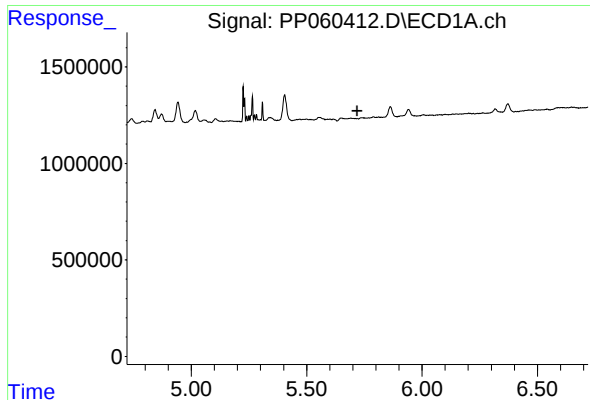
#2 Decachlorobiphenyl

R.T.: 10.457 min
Delta R.T.: 0.001 min
Response: 39132277
Conc: 22.16 ng/ml



#2 Decachlorobiphenyl

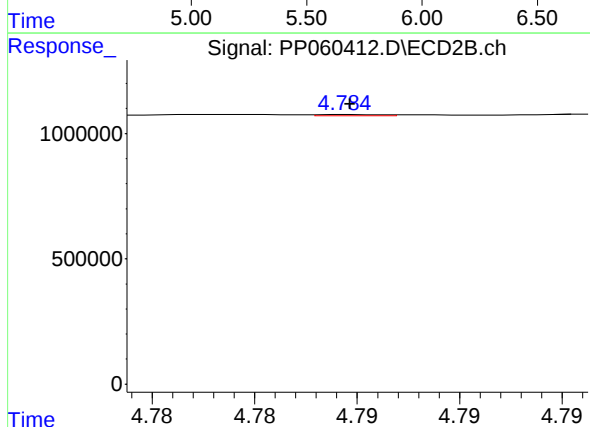
R.T.: 8.747 min
Delta R.T.: -0.004 min
Response: 34545813
Conc: 21.18 ng/ml



#3 AR-1016-1

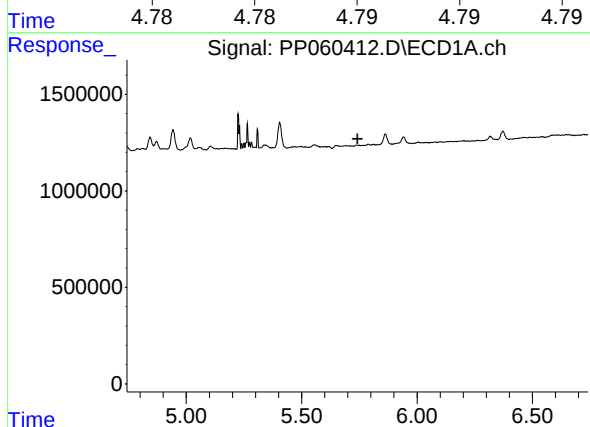
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



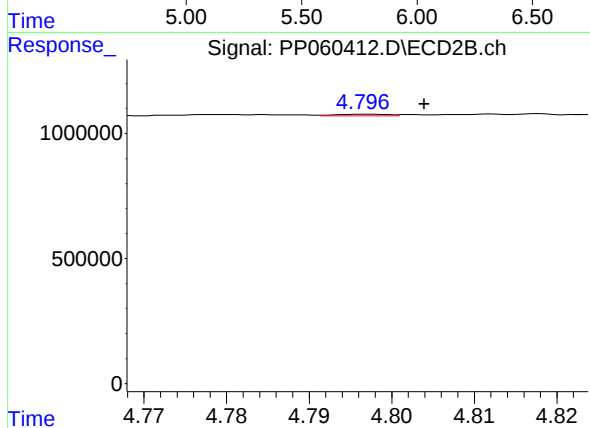
#3 AR-1016-1

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 10712
Conc: 0.18 ng/ml



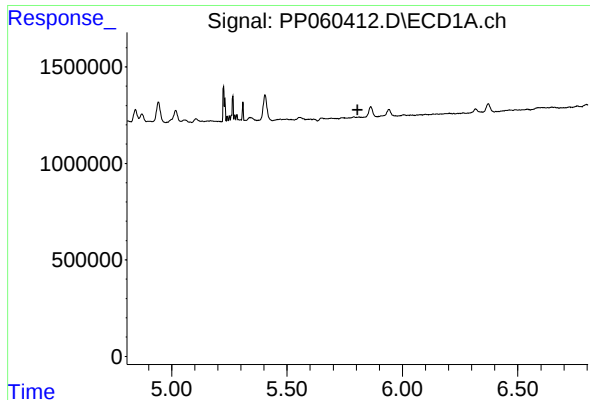
#4 AR-1016-2

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



#4 AR-1016-2

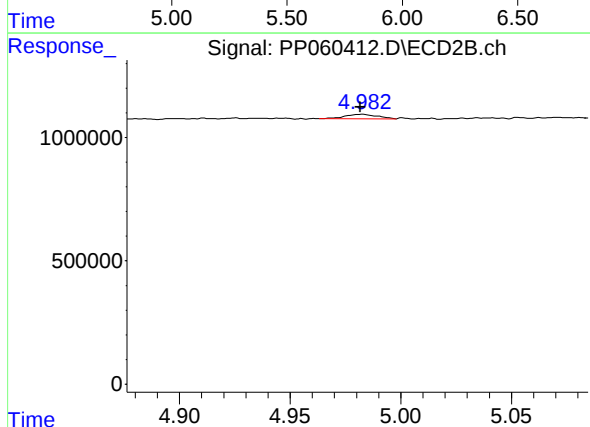
R.T.: 4.797 min
Delta R.T.: -0.007 min
Response: 27955
Conc: 0.35 ng/ml



#5 AR-1016-3

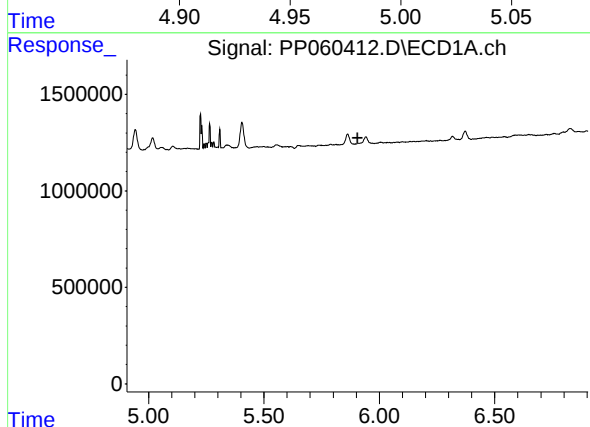
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



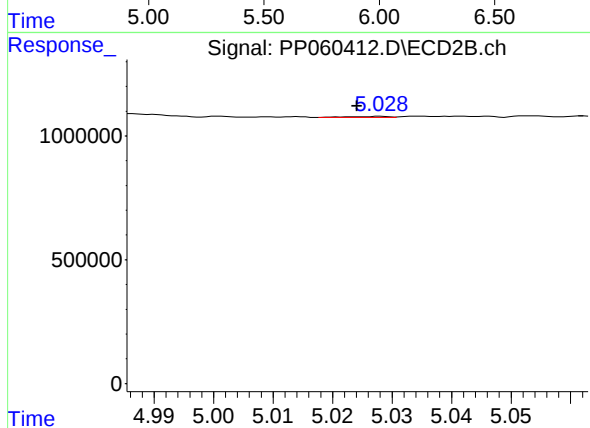
#5 AR-1016-3

R.T.: 4.983 min
Delta R.T.: 0.001 min
Response: 198633
Conc: 4.44 ng/ml



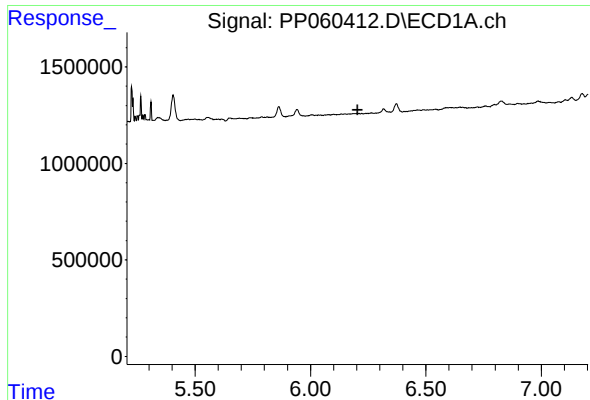
#6 AR-1016-4

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



#6 AR-1016-4

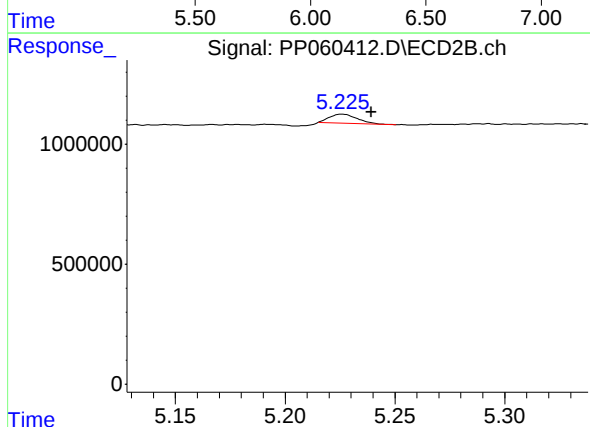
R.T.: 5.028 min
Delta R.T.: 0.004 min
Response: 20530
Conc: 0.57 ng/ml



#7 AR-1016-5

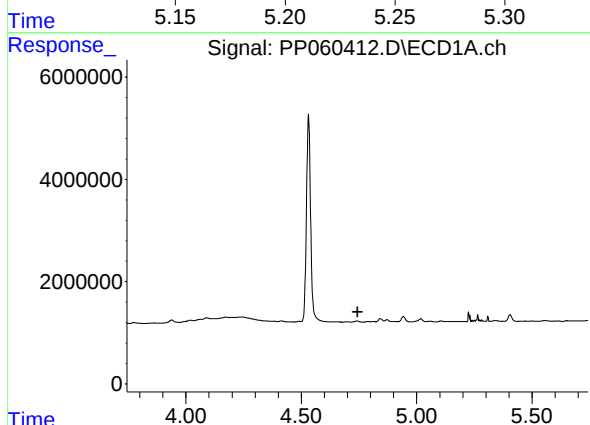
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



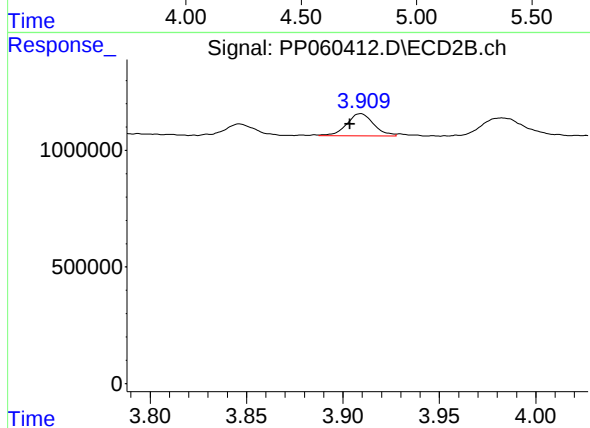
#7 AR-1016-5

R.T.: 5.226 min
Delta R.T.: -0.014 min
Response: 329640
Conc: 6.78 ng/ml



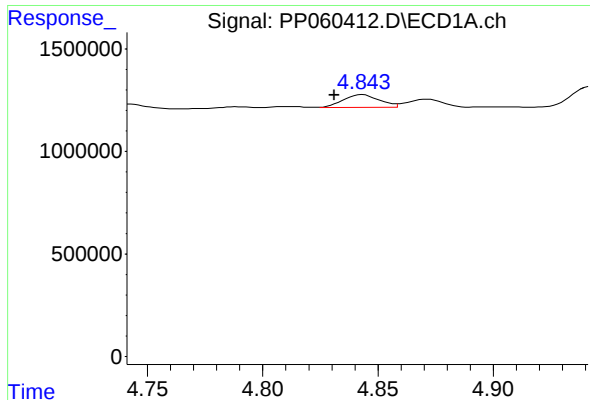
#8 AR-1221-1

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



#8 AR-1221-1

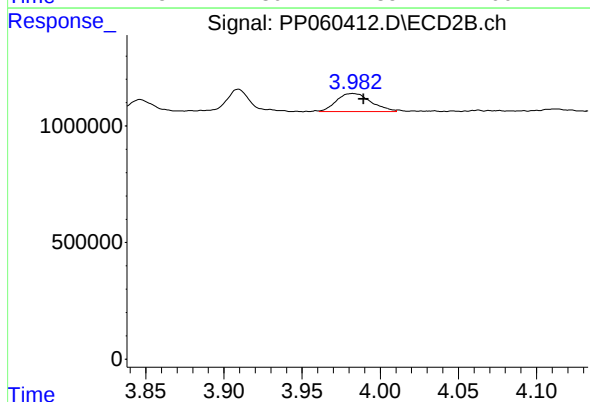
R.T.: 3.910 min
Delta R.T.: 0.006 min
Response: 937664
Conc: 44.89 ng/ml



#9 AR-1221-2

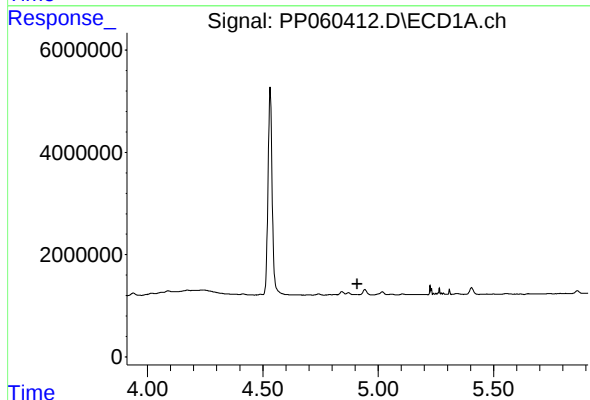
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 679417
Conc: 31.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



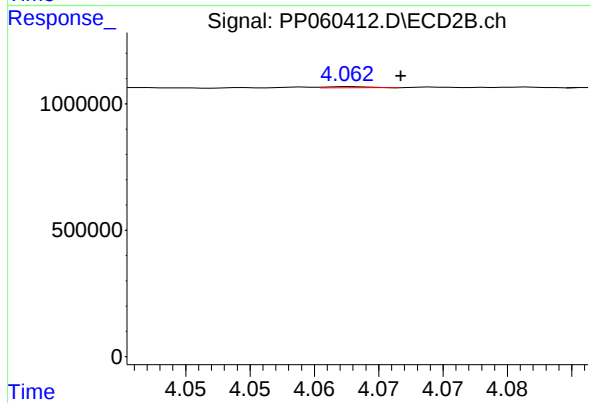
#9 AR-1221-2

R.T.: 3.983 min
Delta R.T.: -0.007 min
Response: 1184313
Conc: 79.43 ng/ml



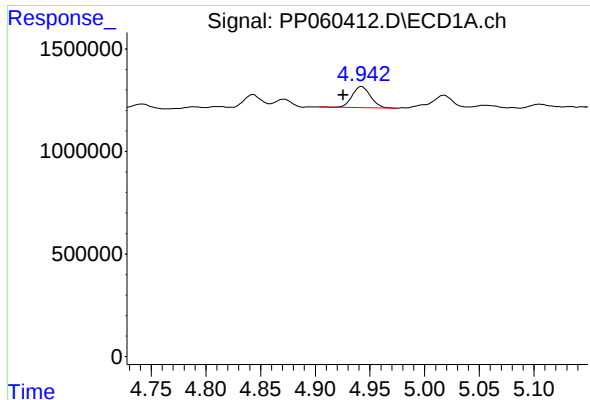
#10 AR-1221-3

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



#10 AR-1221-3

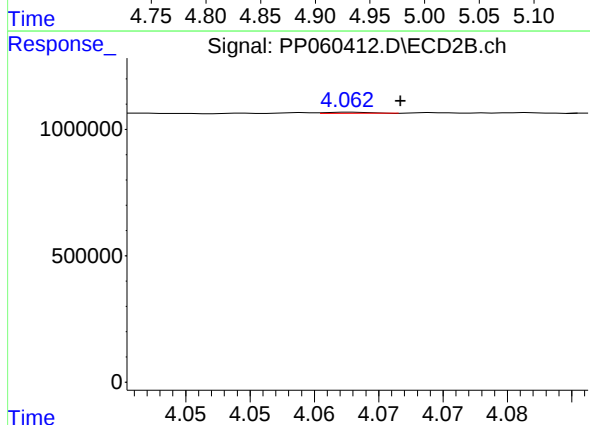
R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 10676
Conc: 0.24 ng/ml



#11 AR-1232-1

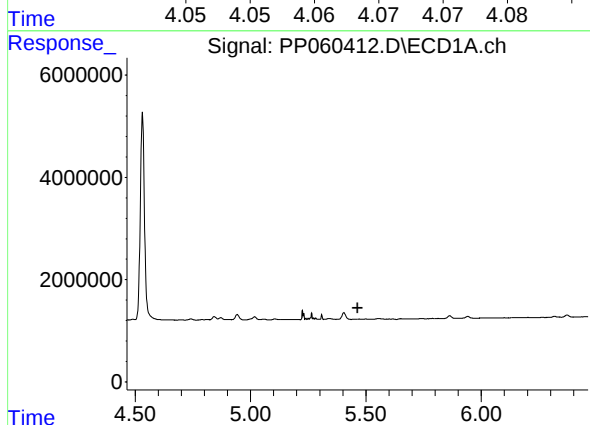
R.T.: 4.942 min
Delta R.T.: 0.017 min
Response: 1197954
Conc: 23.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



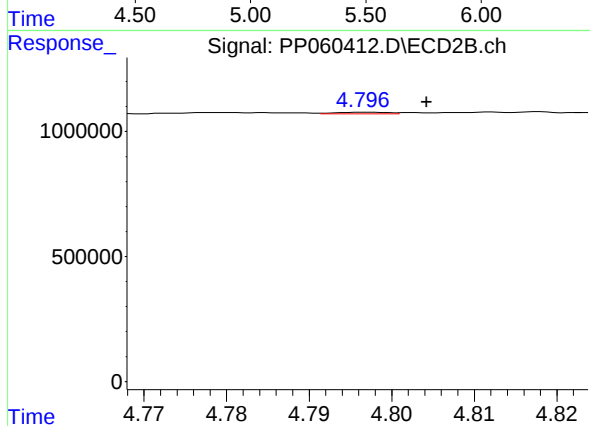
#11 AR-1232-1

R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 10676
Conc: 0.29 ng/ml



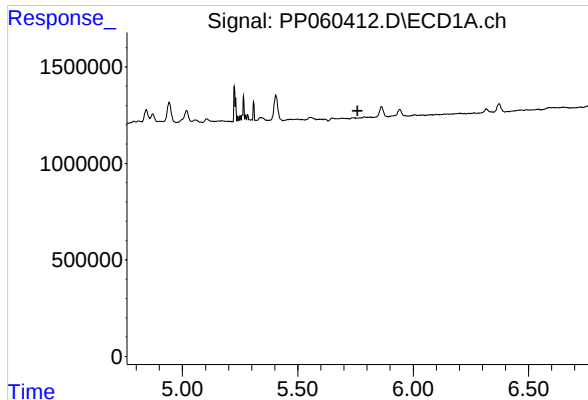
#12 AR-1232-2

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



#12 AR-1232-2

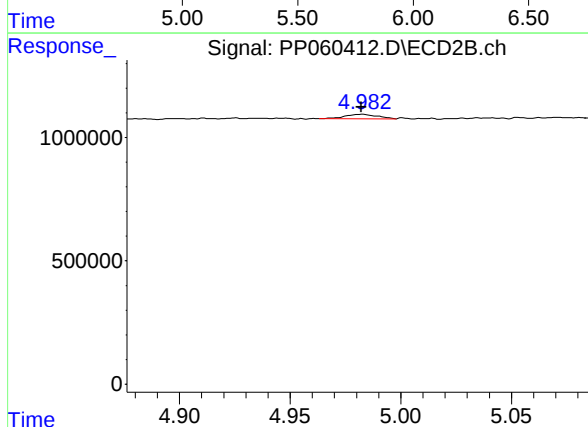
R.T.: 4.797 min
Delta R.T.: -0.008 min
Response: 27955
Conc: 0.77 ng/ml



#13 AR-1232-3

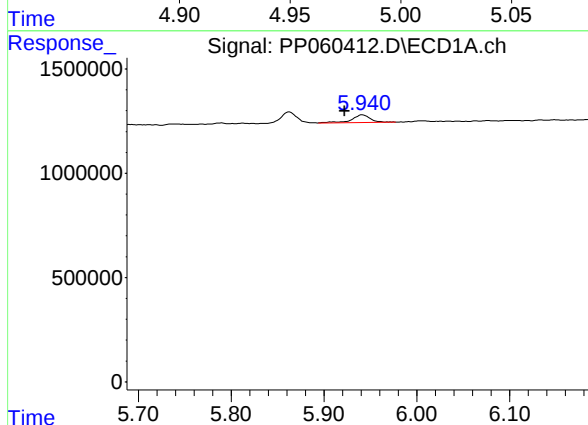
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



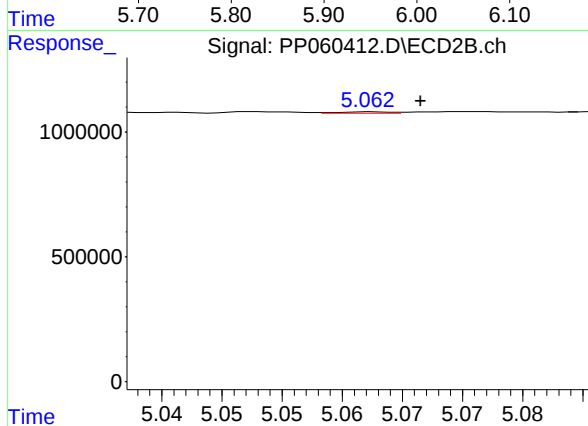
#13 AR-1232-3

R.T.: 4.983 min
Delta R.T.: 0.000 min
Response: 198633
Conc: 9.92 ng/ml



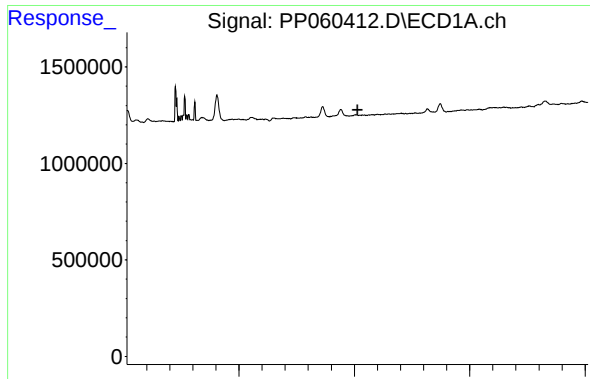
#14 AR-1232-4

R.T.: 5.941 min
Delta R.T.: 0.019 min
Response: 504349
Conc: 20.52 ng/ml



#14 AR-1232-4

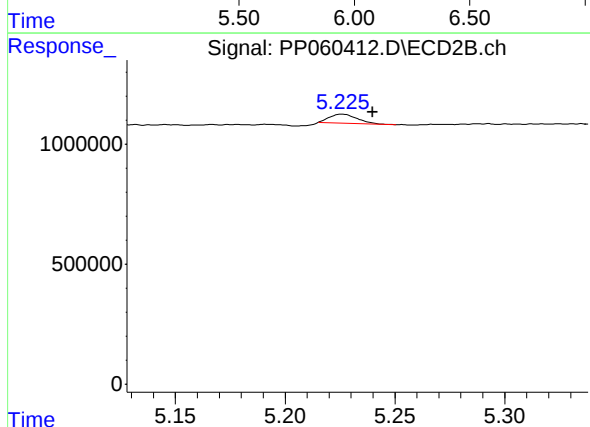
R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 14752
Conc: 0.79 ng/ml



#15 AR-1232-5

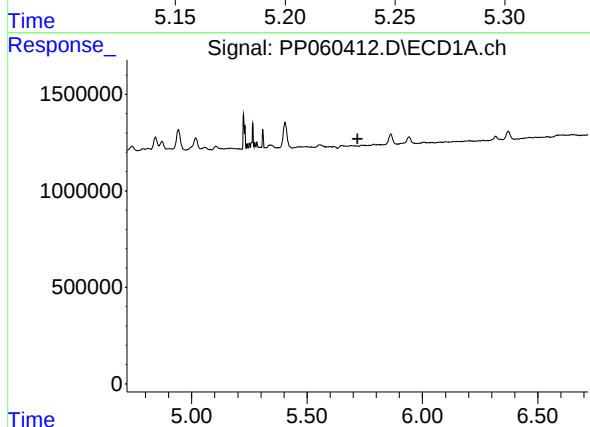
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



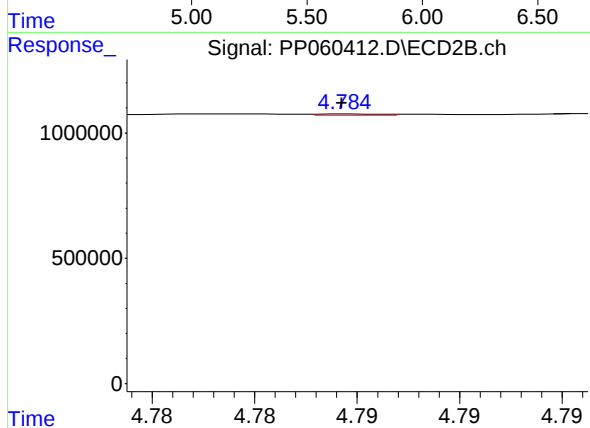
#15 AR-1232-5

R.T.: 5.226 min
Delta R.T.: -0.014 min
Response: 329640
Conc: 15.85 ng/ml



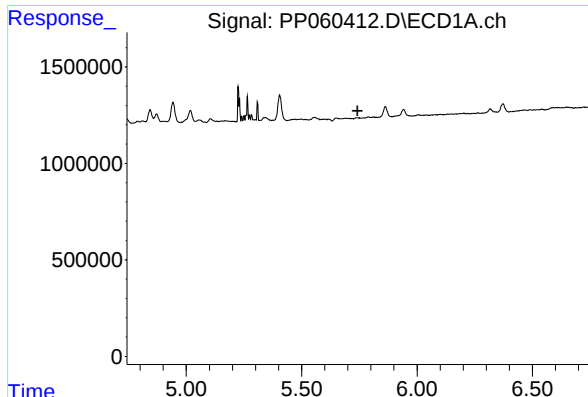
#16 AR-1242-1

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



#16 AR-1242-1

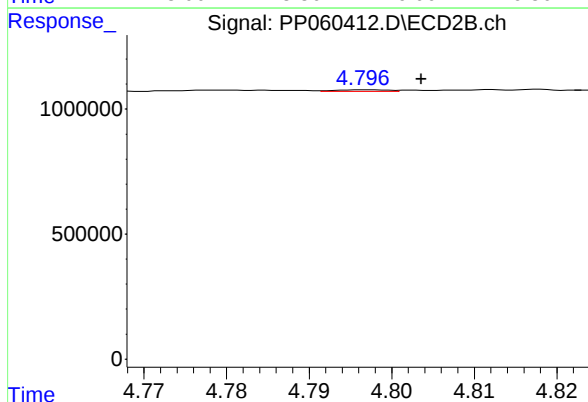
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 10712
Conc: 0.21 ng/ml



#17 AR-1242-2

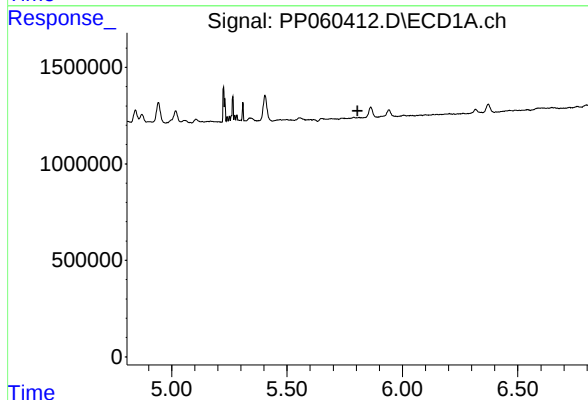
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



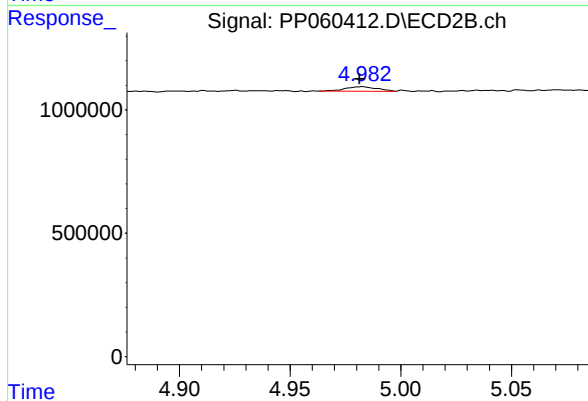
#17 AR-1242-2

R.T.: 4.797 min
Delta R.T.: -0.007 min
Response: 27955
Conc: 0.40 ng/ml



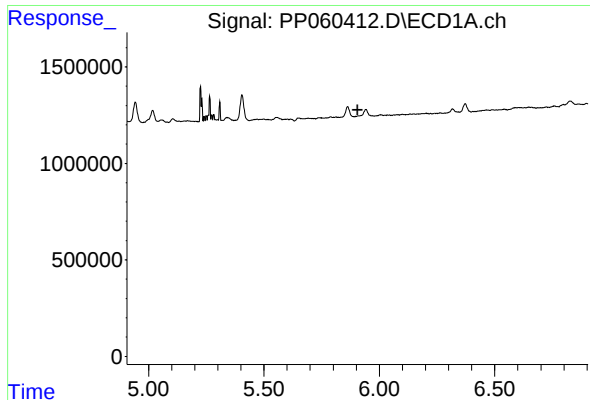
#18 AR-1242-3

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



#18 AR-1242-3

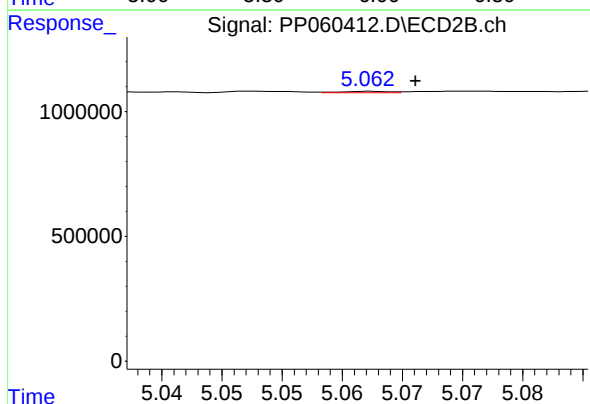
R.T.: 4.983 min
Delta R.T.: 0.001 min
Response: 198633
Conc: 5.16 ng/ml



#19 AR-1242-4

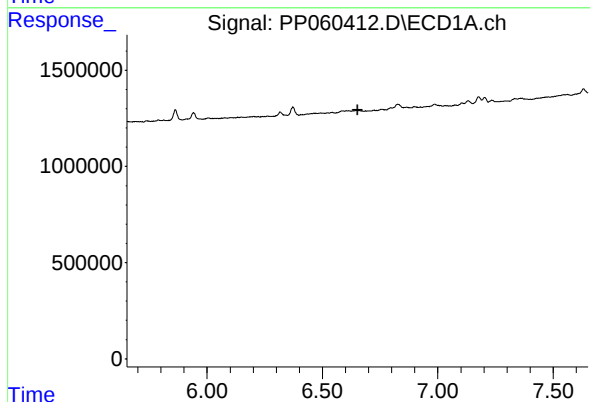
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



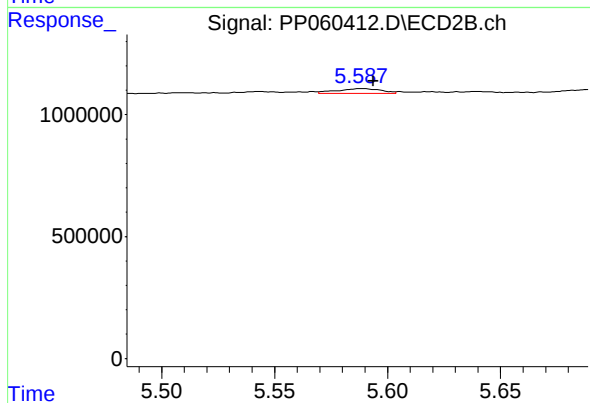
#19 AR-1242-4

R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 14752
Conc: 0.37 ng/ml



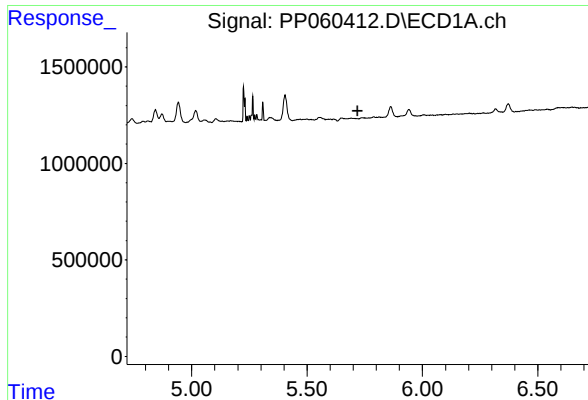
#20 AR-1242-5

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



#20 AR-1242-5

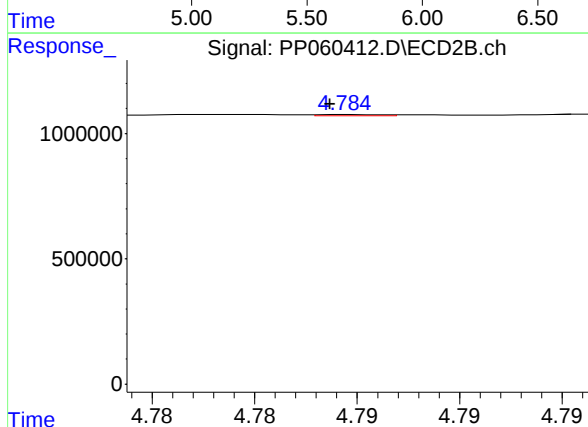
R.T.: 5.588 min
Delta R.T.: -0.006 min
Response: 263309
Conc: 5.38 ng/ml



#21 AR-1248-1

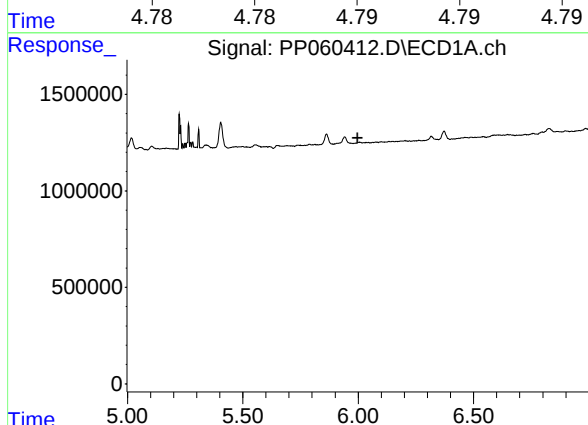
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



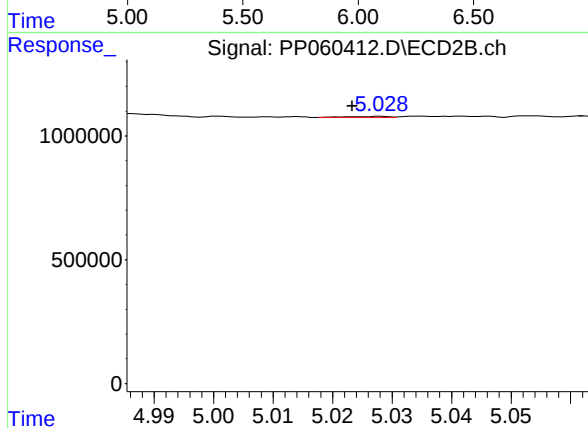
#21 AR-1248-1

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 10712
Conc: 0.29 ng/ml



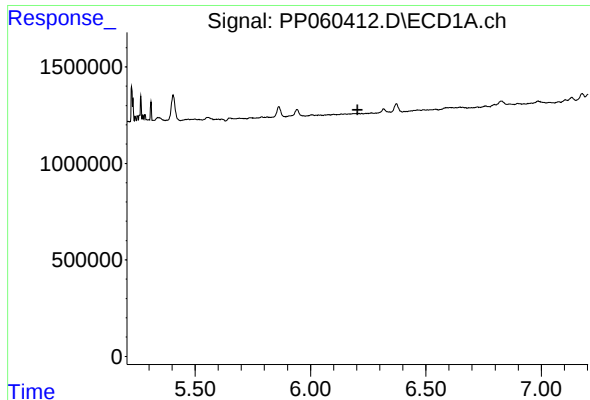
#22 AR-1248-2

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



#22 AR-1248-2

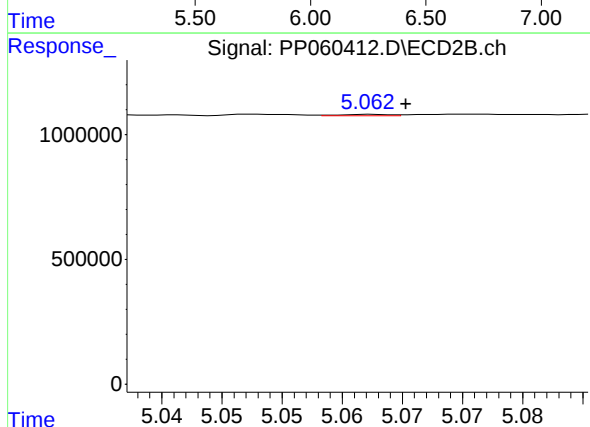
R.T.: 5.028 min
Delta R.T.: 0.005 min
Response: 20530
Conc: 0.39 ng/ml



#23 AR-1248-3

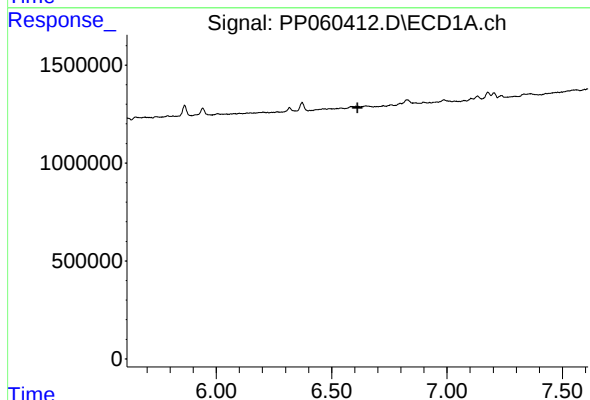
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



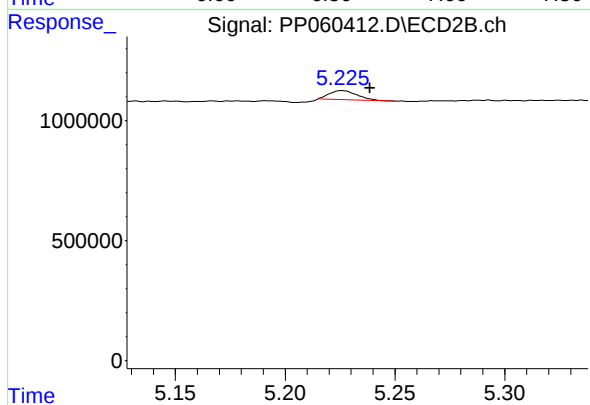
#23 AR-1248-3

R.T.: 5.062 min
Delta R.T.: -0.003 min
Response: 14752
Conc: 0.27 ng/ml



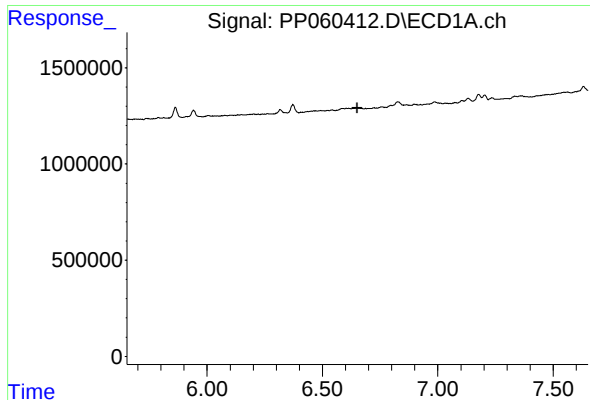
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.



#24 AR-1248-4

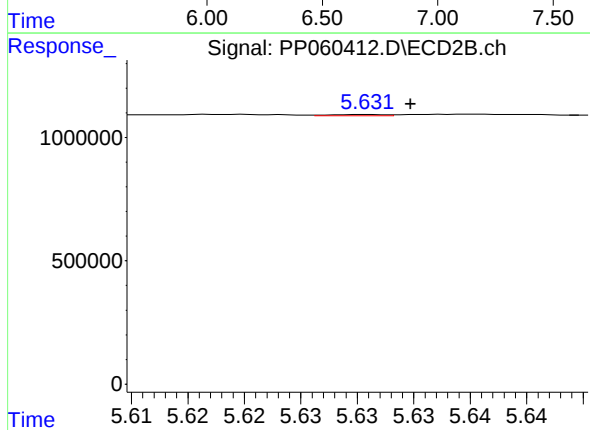
R.T.: 5.226 min
Delta R.T.: -0.013 min
Response: 329640
Conc: 5.01 ng/ml



#25 AR-1248-5

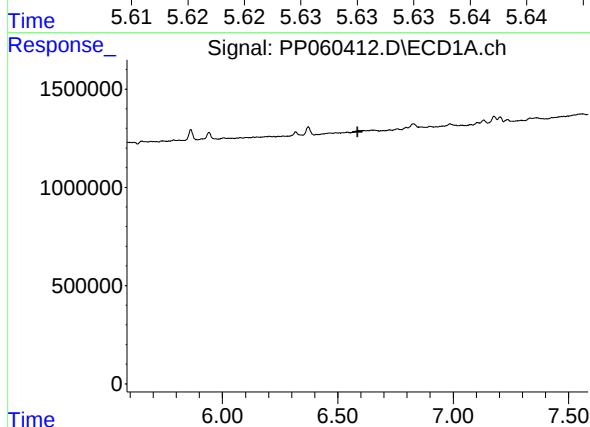
R.T.: 0.000 min
Exp R.T.: 6.651 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



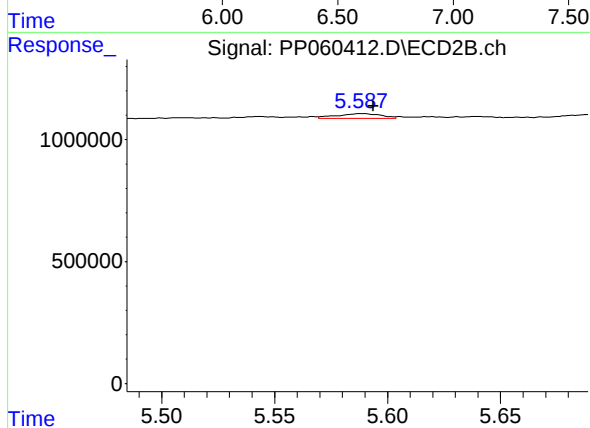
#25 AR-1248-5

R.T.: 5.631 min
Delta R.T.: -0.004 min
Response: 18190
Conc: 0.28 ng/ml



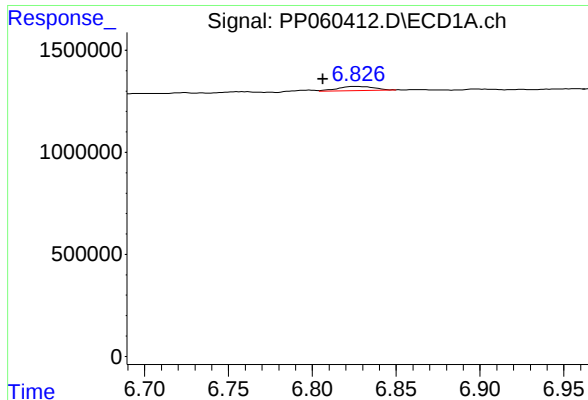
#26 AR-1254-1

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



#26 AR-1254-1

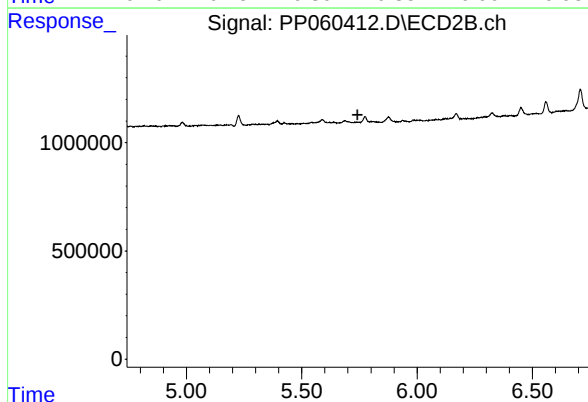
R.T.: 5.588 min
Delta R.T.: -0.006 min
Response: 263309
Conc: 2.66 ng/ml



#27 AR-1254-2

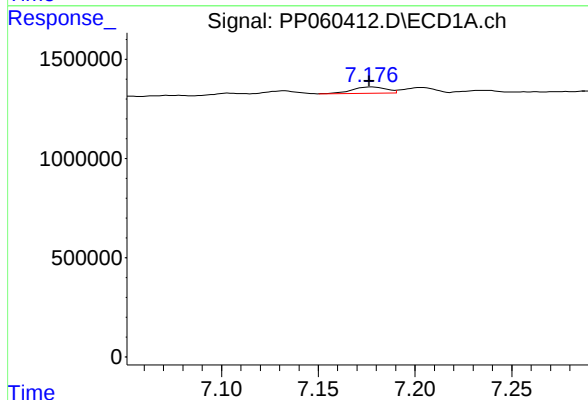
R.T.: 6.826 min
Delta R.T.: 0.020 min
Response: 320146
Conc: 2.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



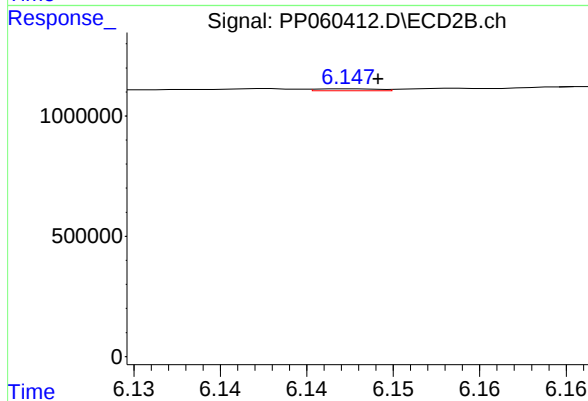
#27 AR-1254-2

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



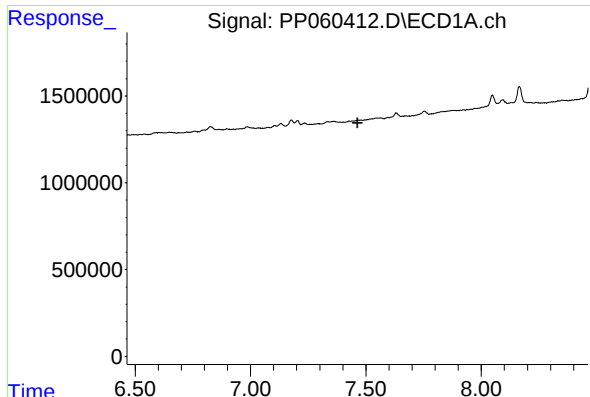
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 390074
Conc: 2.93 ng/ml



#28 AR-1254-3

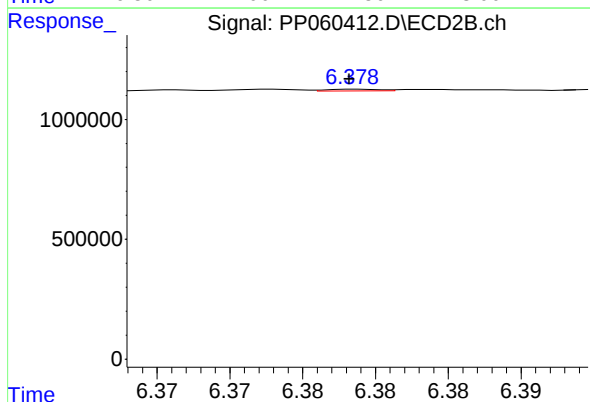
R.T.: 6.148 min
Delta R.T.: -0.002 min
Response: 20463
Conc: 0.14 ng/ml



#29 AR-1254-4

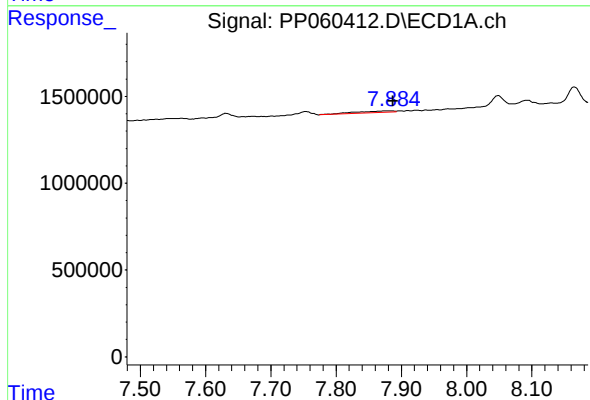
R.T.: 0.000 min
Exp R.T.: 7.464 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



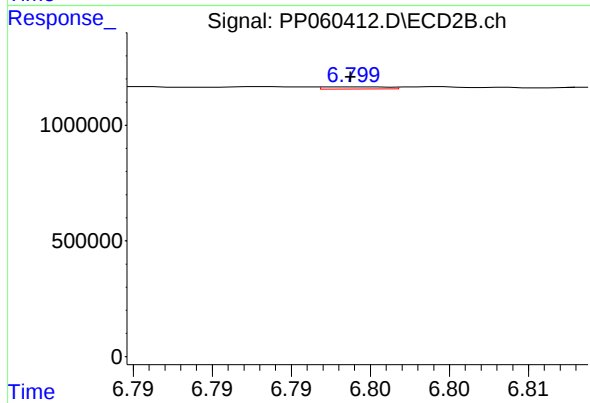
#29 AR-1254-4

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 18359
Conc: 0.21 ng/ml



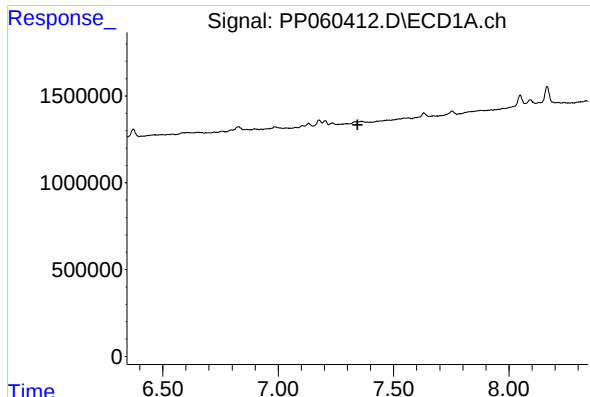
#30 AR-1254-5

R.T.: 7.886 min
Delta R.T.: -0.001 min
Response: 389424
Conc: 3.59 ng/ml



#30 AR-1254-5

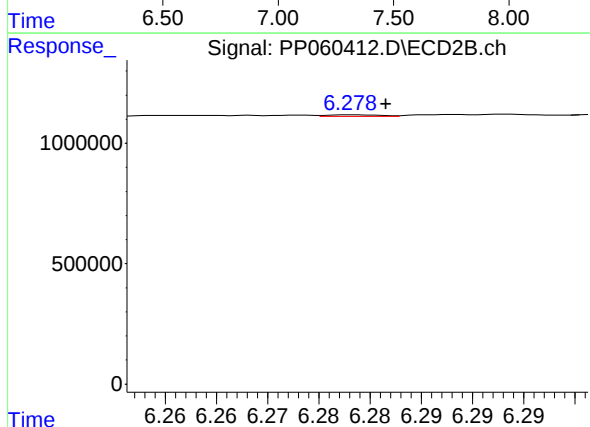
R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 26228
Conc: 0.21 ng/ml



#31 AR-1260-1

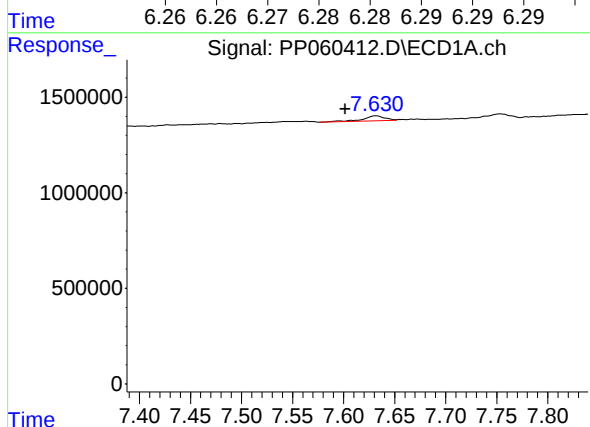
R.T.: 0.000 min
Exp R.T.: 7.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



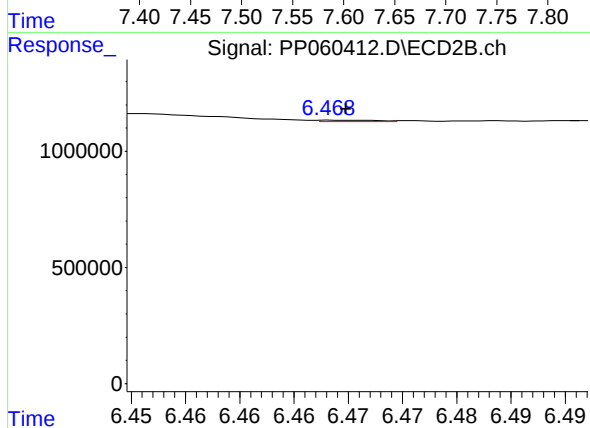
#31 AR-1260-1

R.T.: 6.278 min
Delta R.T.: -0.003 min
Response: 25042
Conc: 0.25 ng/ml



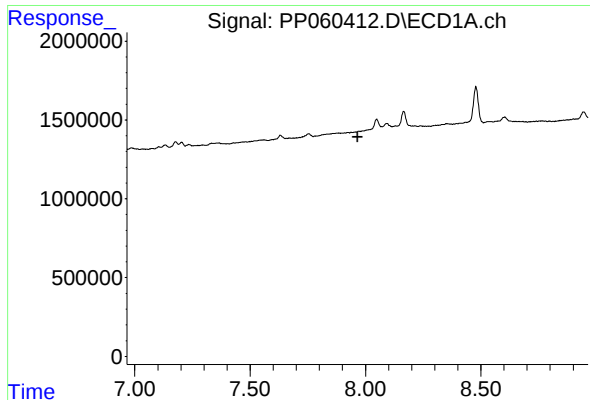
#32 AR-1260-2

R.T.: 7.631 min
Delta R.T.: 0.029 min
Response: 405613
Conc: 3.35 ng/ml



#32 AR-1260-2

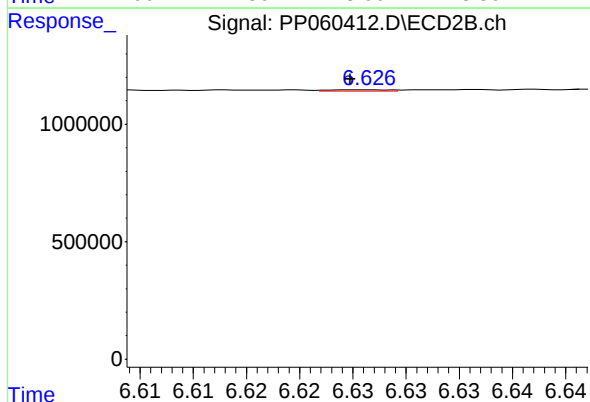
R.T.: 6.469 min
Delta R.T.: -0.001 min
Response: 22065
Conc: 0.18 ng/ml



#33 AR-1260-3

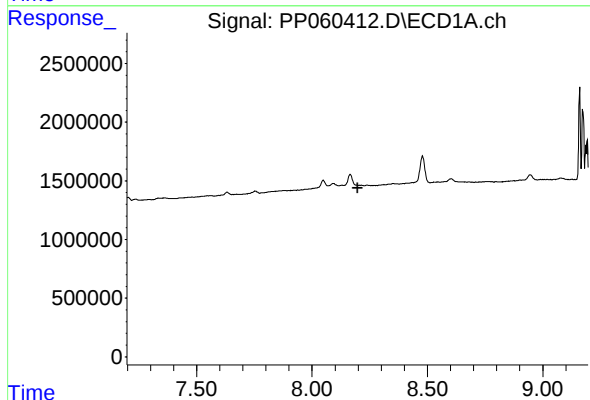
R.T.: 0.000 min
Exp R.T.: 7.965 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



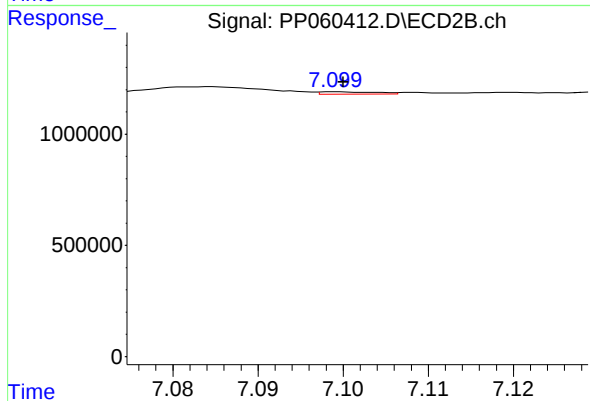
#33 AR-1260-3

R.T.: 6.627 min
Delta R.T.: 0.002 min
Response: 21580
Conc: 0.19 ng/ml



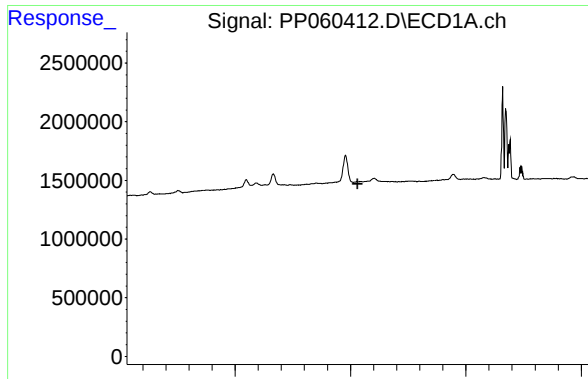
#34 AR-1260-4

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



#34 AR-1260-4

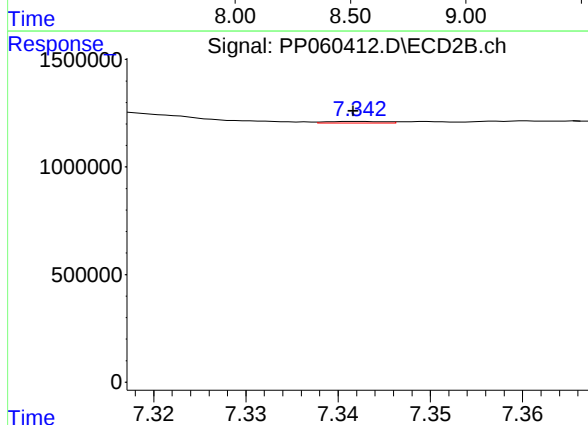
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 46396
Conc: 0.49 ng/ml



#35 AR-1260-5

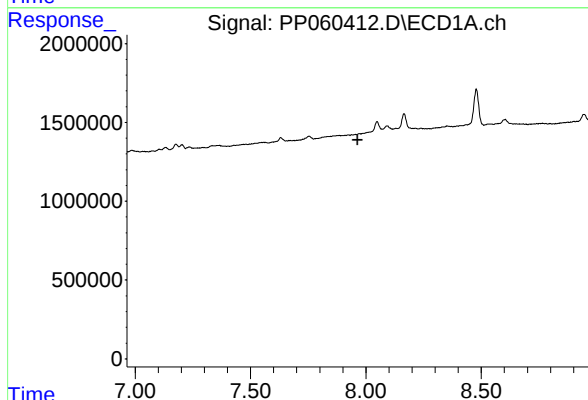
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



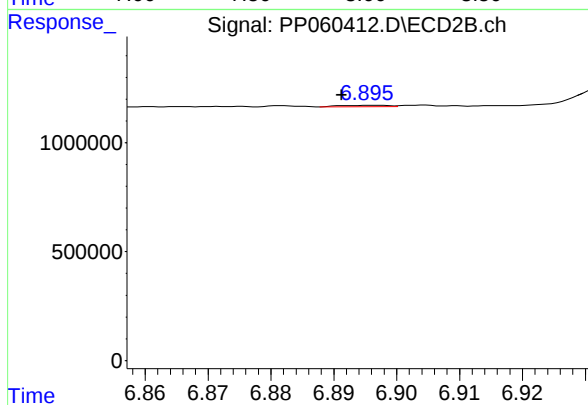
#35 AR-1260-5

R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 32527
Conc: 0.15 ng/ml



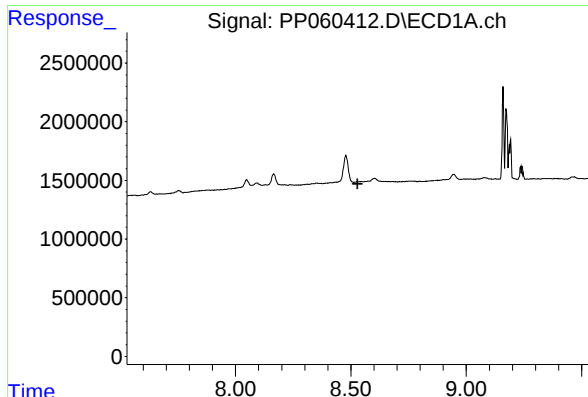
#36 AR-1262-1

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



#36 AR-1262-1

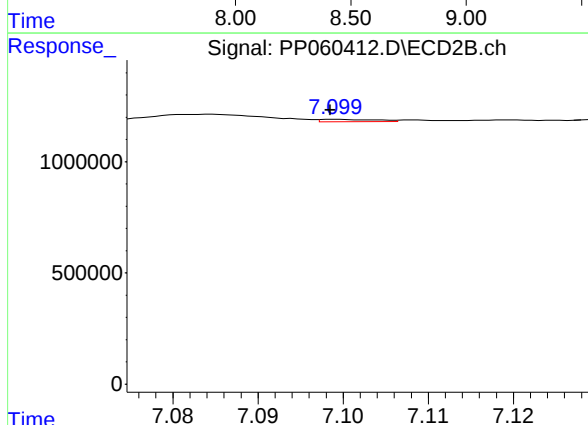
R.T.: 6.895 min
Delta R.T.: 0.004 min
Response: 32762
Conc: 0.61 ng/ml



#37 AR-1262-2

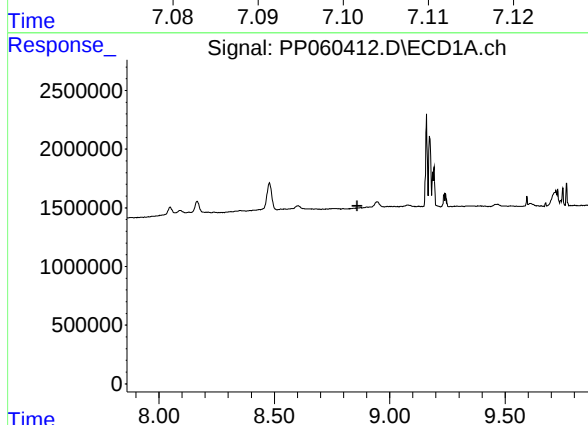
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



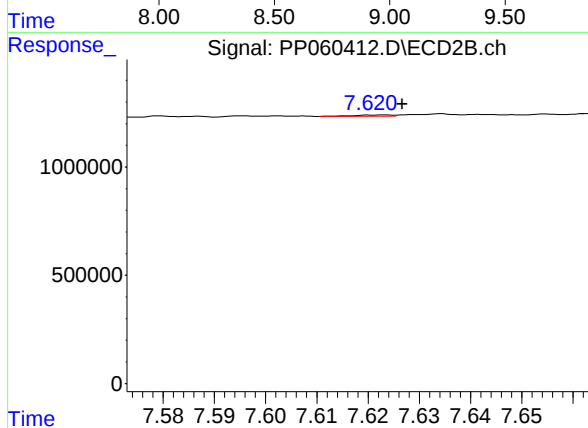
#37 AR-1262-2

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 46396
Conc: 0.39 ng/ml



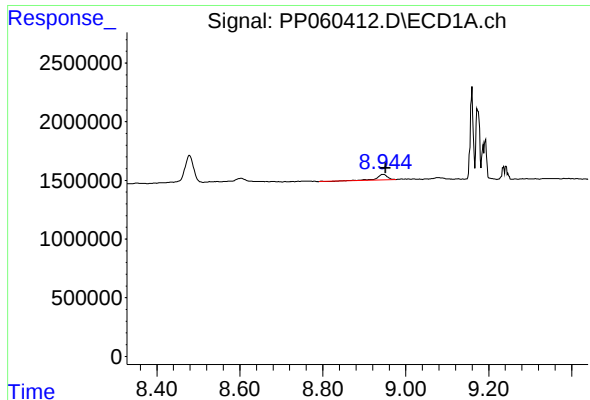
#38 AR-1262-3

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



#38 AR-1262-3

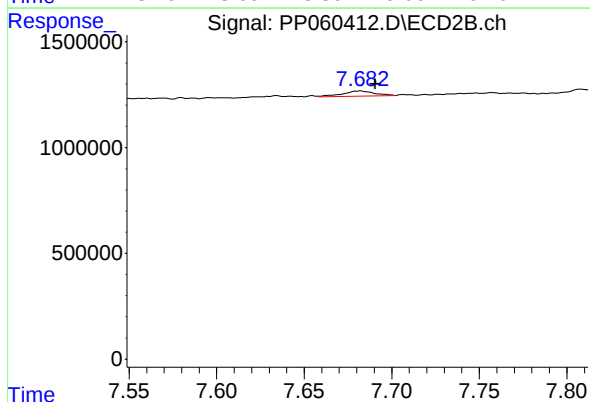
R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 27845
Conc: 0.30 ng/ml



#39 AR-1262-4

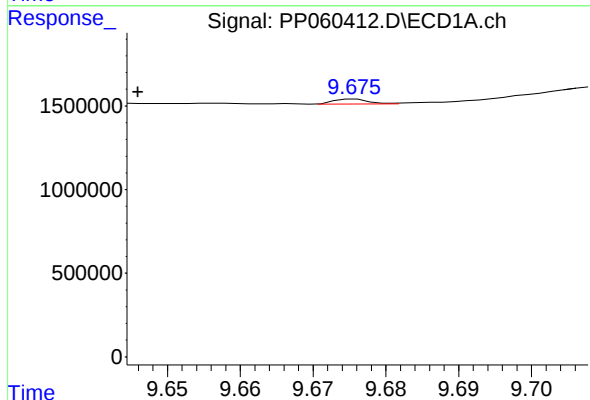
R.T.: 8.945 min
Delta R.T.: -0.007 min
Response: 819215
Conc: 6.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



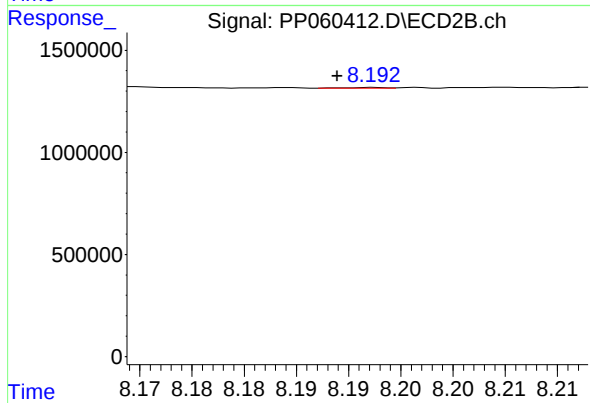
#39 AR-1262-4

R.T.: 7.682 min
Delta R.T.: -0.008 min
Response: 317954
Conc: 1.89 ng/ml



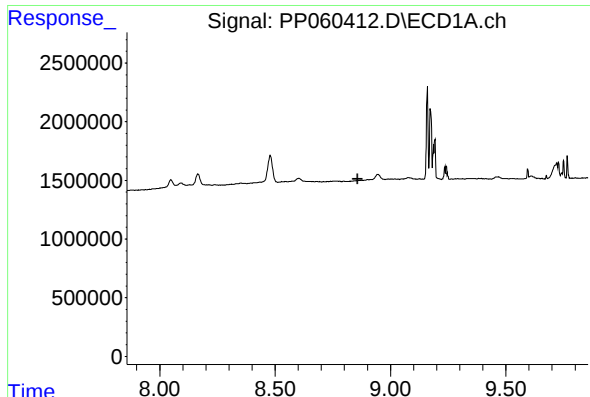
#40 AR-1262-5

R.T.: 9.676 min
Delta R.T.: 0.030 min
Response: 95283
Conc: 1.19 ng/ml



#40 AR-1262-5

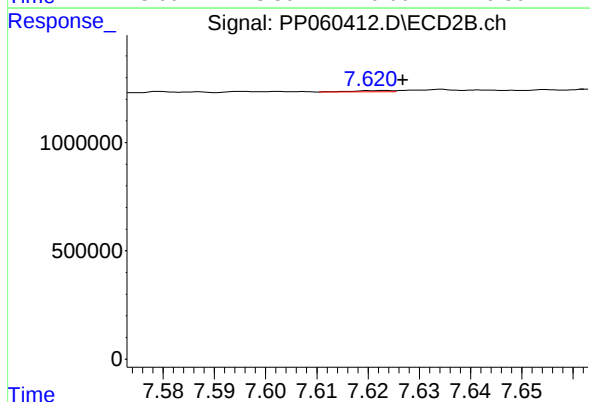
R.T.: 8.193 min
Delta R.T.: 0.004 min
Response: 8773
Conc: 0.11 ng/ml



#41 AR-1268-1

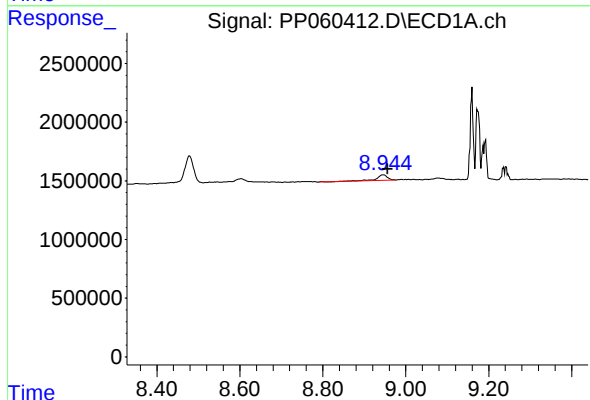
R.T.: 0.000 min
Exp R.T.: 8.856 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



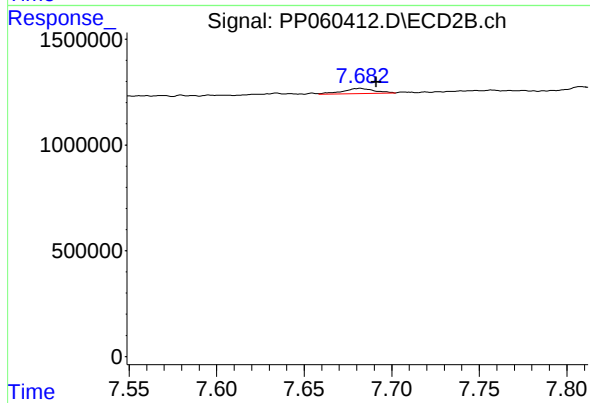
#41 AR-1268-1

R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 27845
Conc: 0.10 ng/ml



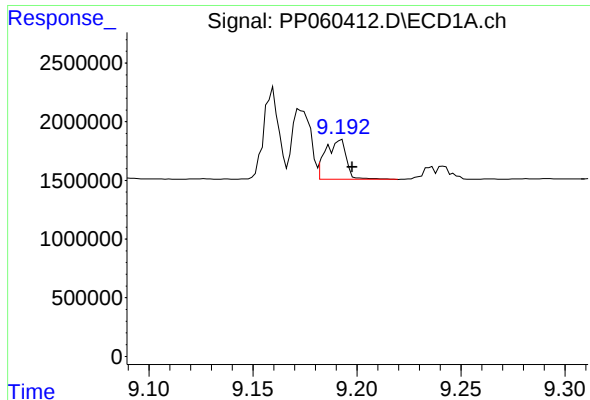
#42 AR-1268-2

R.T.: 8.945 min
Delta R.T.: -0.011 min
Response: 819215
Conc: 3.36 ng/ml



#42 AR-1268-2

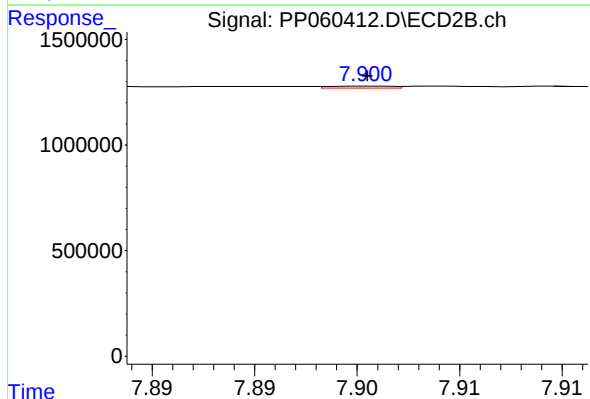
R.T.: 7.682 min
Delta R.T.: -0.009 min
Response: 317954
Conc: 1.30 ng/ml



#43 AR-1268-3

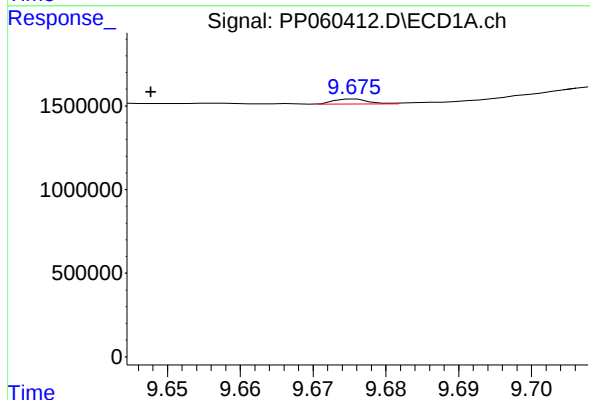
R.T.: 9.192 min
Delta R.T.: -0.006 min
Response: 2344696
Conc: 11.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



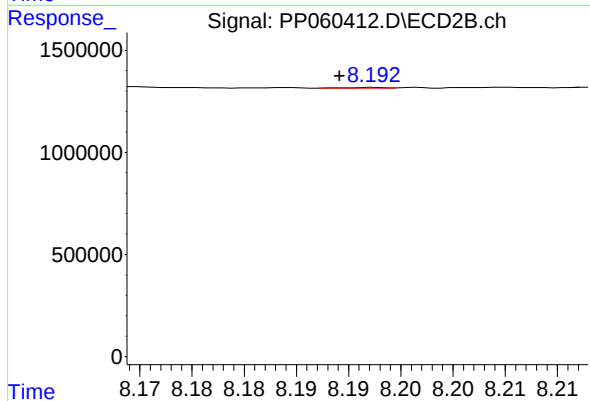
#43 AR-1268-3

R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 20549
Conc: 0.10 ng/ml



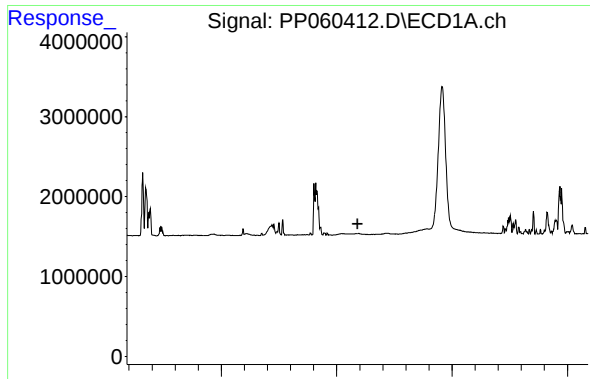
#44 AR-1268-4

R.T.: 9.676 min
Delta R.T.: 0.028 min
Response: 95283
Conc: 1.03 ng/ml



#44 AR-1268-4

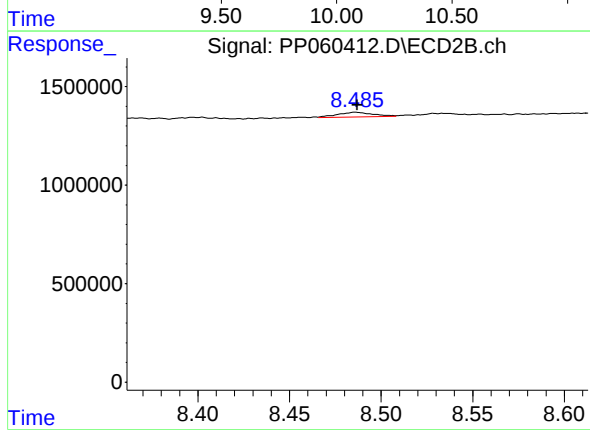
R.T.: 8.193 min
Delta R.T.: 0.003 min
Response: 8773
Conc: 0.10 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.486 min
Delta R.T.: -0.001 min
Response: 329067
Conc: 0.53 ng/ml