

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
 Data File : PP060212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 16:17
 Operator : YP\AJ
 Sample : 04577-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 02:47:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.508	3.664	24003561	17902496	11.539	10.991
2) SA Decachlor...	10.426	8.731	14820124	12993334	9.716	8.581
Target Compounds						
3) L1 AR-1016-1	5.719f	4.780	703616	143489	10.428	2.387 #
4) L1 AR-1016-2	5.719	4.788	703616	103462	7.355	1.246 #
5) L1 AR-1016-3	0.000	4.970	0	182428	N.D.	4.067 #
6) L1 AR-1016-4	5.860f	0.000	270355	0	5.521	N.D. #
7) L1 AR-1016-5	6.194	0.000	367436	0	7.473	N.D. #
8) L2 AR-1221-1	4.718	3.870f	1101954	314436	41.453	14.315 #
9) L2 AR-1221-2	4.818	3.984	567764	46121	28.845	2.987 #
10) L2 AR-1221-3	4.901	4.042	2660653	1669088	46.581	35.586
11) L3 AR-1232-1	4.901f	4.042	2660653	1669088	57.029	43.908
12) L3 AR-1232-2	0.000	4.788	0	103462	N.D.	2.806 #
13) L3 AR-1232-3	5.719	4.970	703616	182428	16.286	9.111 #
14) L3 AR-1232-4	5.860f	5.063	270355	12771	12.232	0.699 #
16) L4 AR-1242-1	5.719f	4.780	703616	143489	11.781	2.725 #
17) L4 AR-1242-2	5.719	4.788	703616	103462	8.373	1.436 #
18) L4 AR-1242-3	0.000	4.970	0	182428	N.D.	4.662 #
19) L4 AR-1242-4	5.860f	5.063	270355	12771	6.274	0.326 #
20) L4 AR-1242-5	0.000	5.581	0	697845	N.D.	14.424 #
21) L5 AR-1248-1	5.719f	4.780	703616	143489	15.742	3.672 #
23) L5 AR-1248-3	6.194	5.063	367436	12771	5.188	0.224 #
24) L5 AR-1248-4	6.601	0.000	1966470	0	25.425	N.D. #
25) L5 AR-1248-5	0.000	5.606f	0	250956	N.D.	3.804 #
26) L6 AR-1254-1	6.575	5.581	1823936	697845	22.846	6.954 #
27) L6 AR-1254-2	6.791	5.722	2280119	379834	19.037	4.372 #
28) L6 AR-1254-3	7.158	6.151	761361	496566	6.267	3.537 #
29) L6 AR-1254-4	7.442	6.356	616543	223544	6.933	2.656 #
30) L6 AR-1254-5	7.884	6.777f	2508527	2913602	25.788	24.563
31) L7 AR-1260-1	7.319	6.281	492737	797278	5.466	8.562 #
32) L7 AR-1260-2	7.577	6.452	3113903	293565	30.354	2.678 #
33) L7 AR-1260-3	7.967f	6.605	2006814	390000	25.481	3.792 #
34) L7 AR-1260-4	8.183	7.099	1047989	43243	11.694	0.519 #
35) L7 AR-1260-5	0.000	7.322	0	788712	N.D.	4.099 #
36) L8 AR-1262-1	7.967f	6.875	2006814	145485	17.340	2.882 #
37) L8 AR-1262-2	0.000	7.099	0	43243	N.D.	0.383 #
38) L8 AR-1262-3	0.000	7.644f	0	491914	N.D.	5.612 #
39) L8 AR-1262-4	8.919	7.703	880236	13040	7.752	0.080 #
40) L8 AR-1262-5	9.623	8.206f	62177	82692	0.833	1.108 #
41) L9 AR-1268-1	0.000	7.644f	0	491914	N.D.	1.889 #
42) L9 AR-1268-2	8.919f	7.703	880236	13040	3.835	0.056 #
43) L9 AR-1268-3	0.000	7.908	0	1202638	N.D.	5.891 #

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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
44)	L9 AR-1268-4	9.623	8.206f	62177	82692	0.751	1.024 #
45)	L9 AR-1268-5	0.000	8.486	0	28067	N.D.	0.044 #

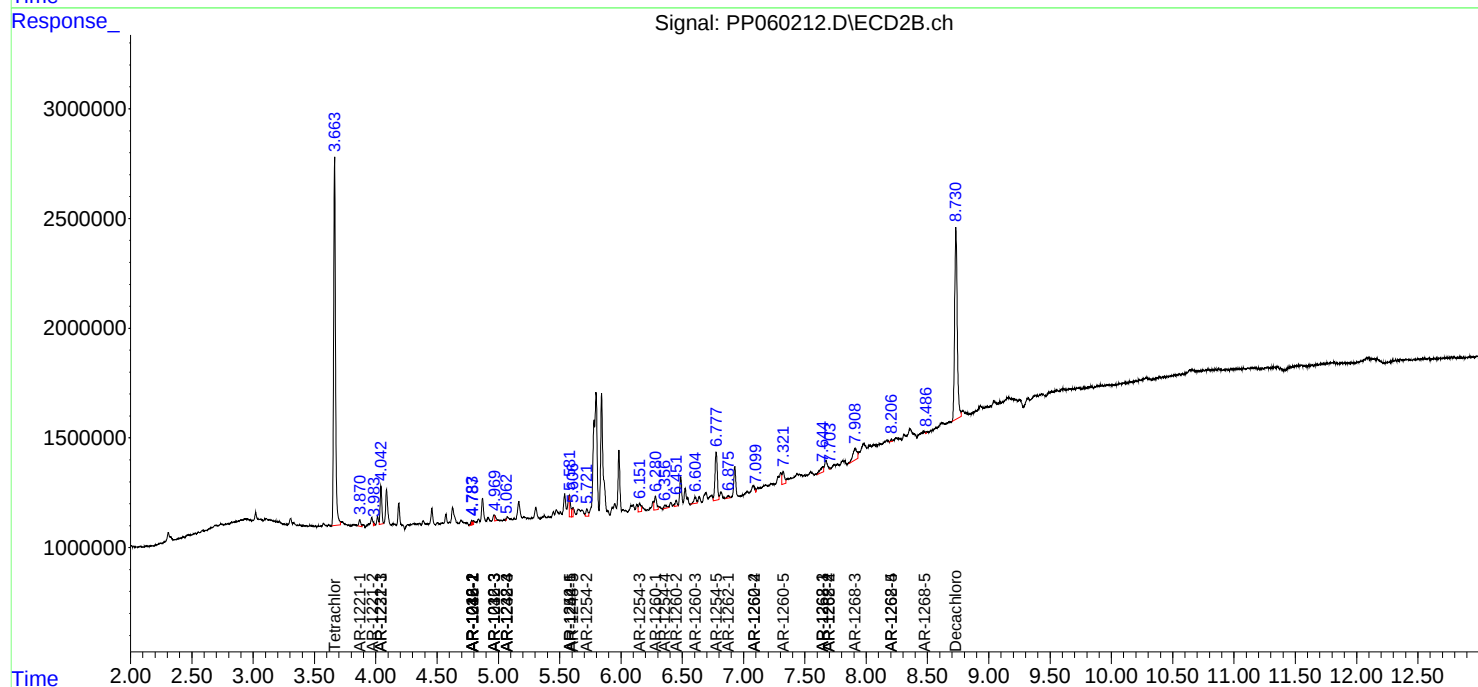
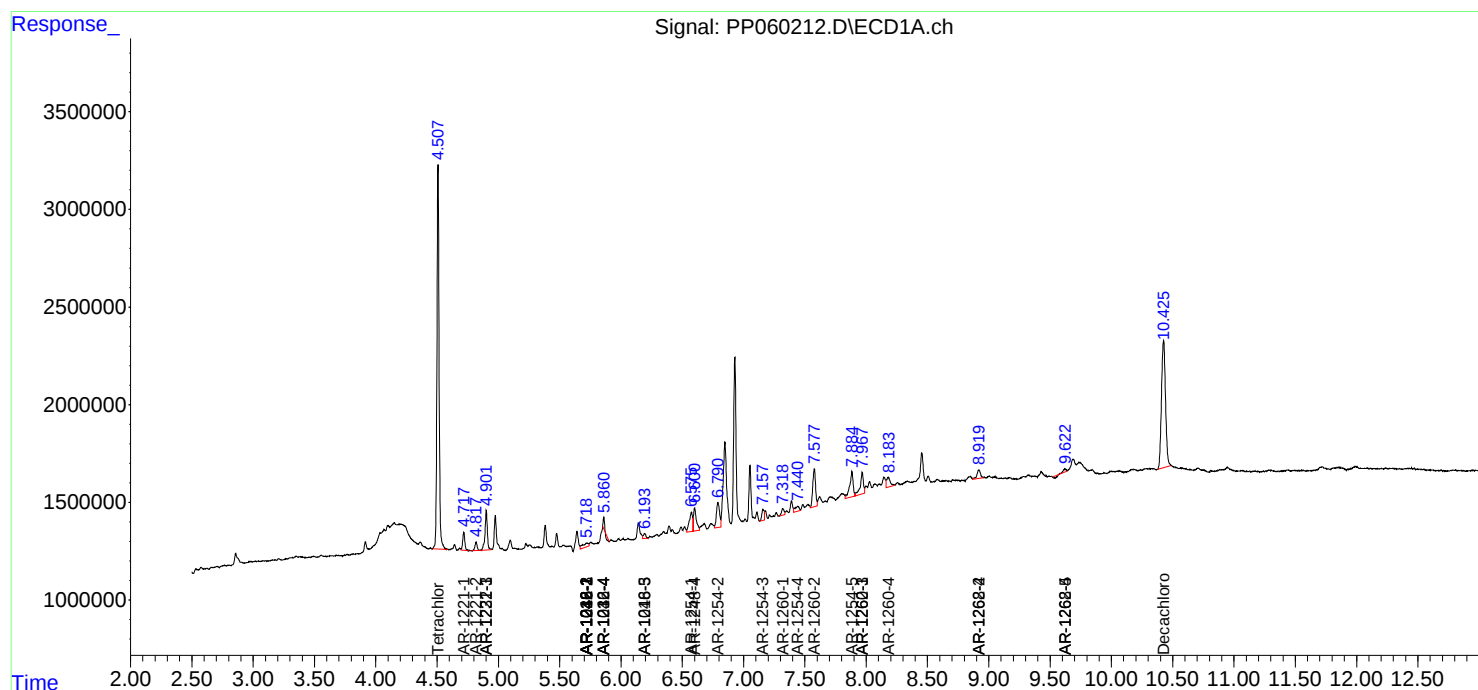
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

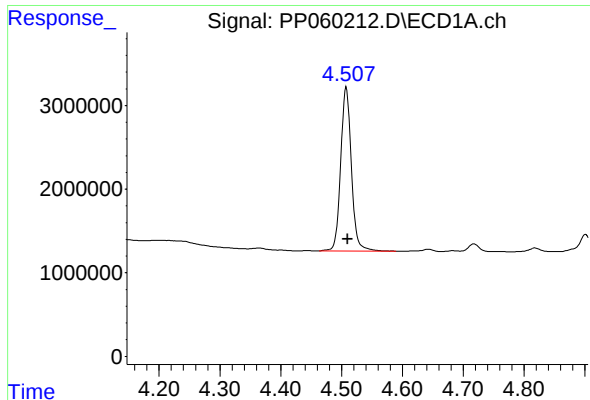
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

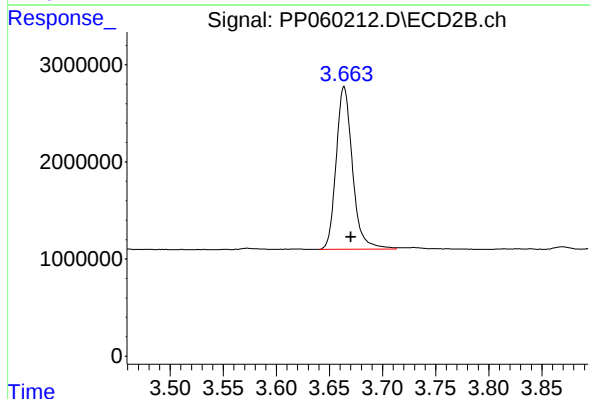




#1 Tetrachloro-m-xylene

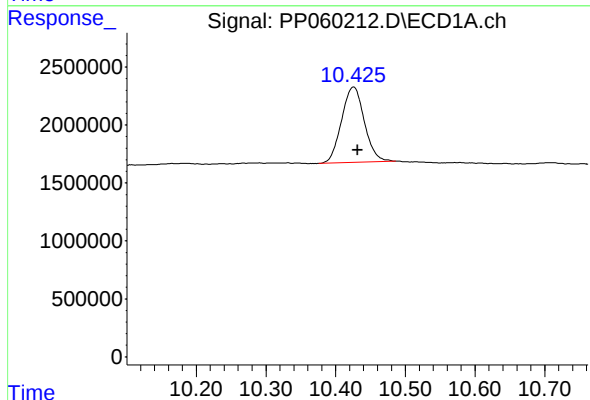
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 24003561
Conc: 11.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



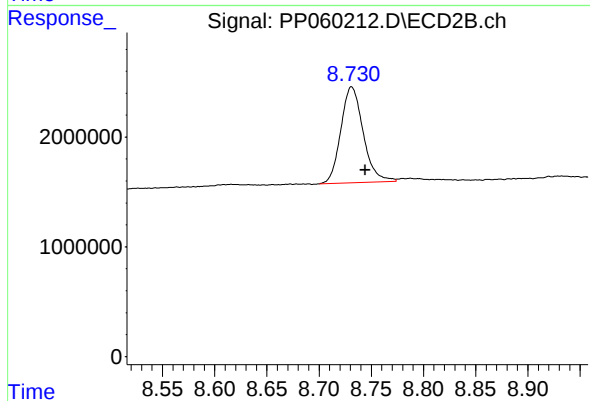
#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: -0.006 min
Response: 17902496
Conc: 10.99 ng/ml



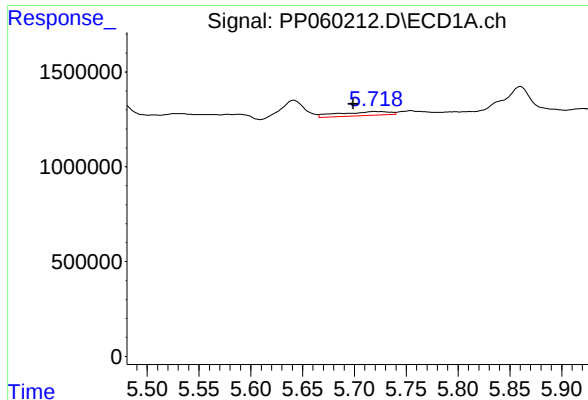
#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: -0.006 min
Response: 14820124
Conc: 9.72 ng/ml



#2 Decachlorobiphenyl

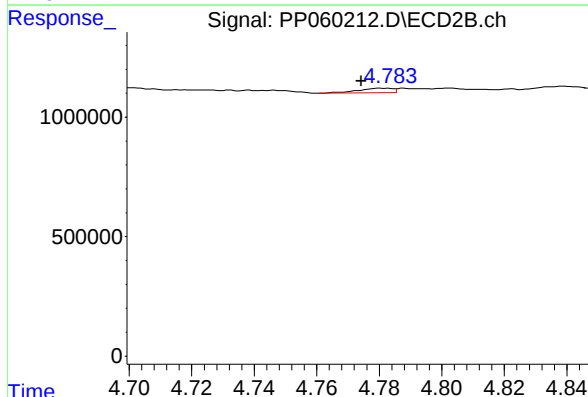
R.T.: 8.731 min
Delta R.T.: -0.013 min
Response: 12993334
Conc: 8.58 ng/ml



#3 AR-1016-1

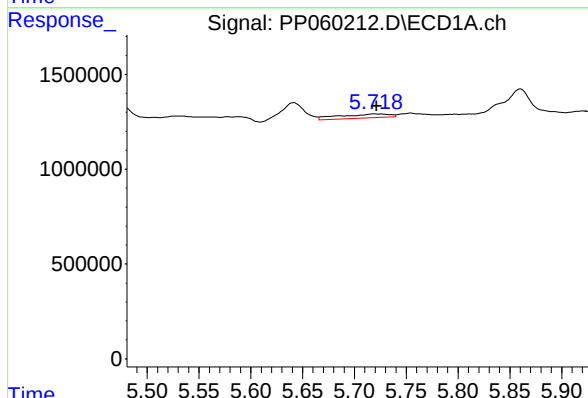
R.T.: 5.719 min
Delta R.T.: 0.020 min
Response: 703616
Conc: 10.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



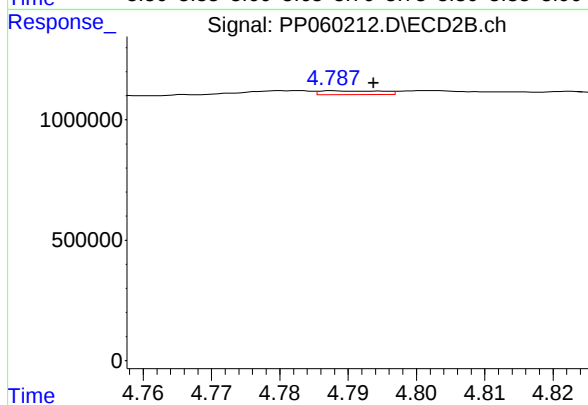
#3 AR-1016-1

R.T.: 4.780 min
Delta R.T.: 0.006 min
Response: 143489
Conc: 2.39 ng/ml



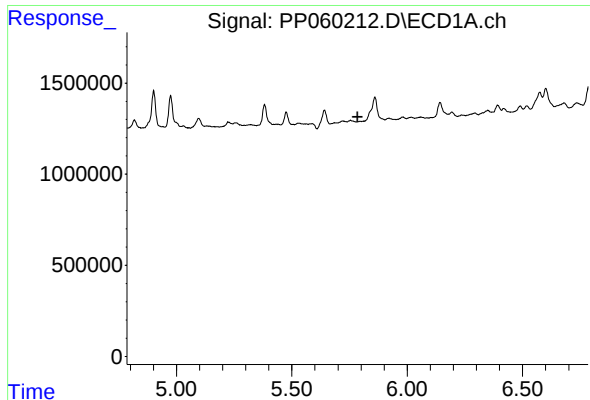
#4 AR-1016-2

R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 703616
Conc: 7.36 ng/ml



#4 AR-1016-2

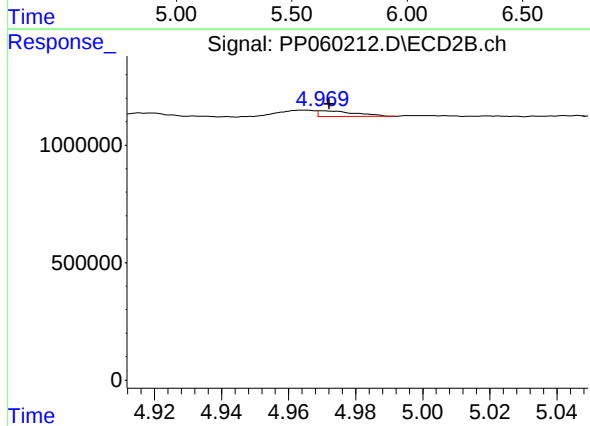
R.T.: 4.788 min
Delta R.T.: -0.006 min
Response: 103462
Conc: 1.25 ng/ml



#5 AR-1016-3

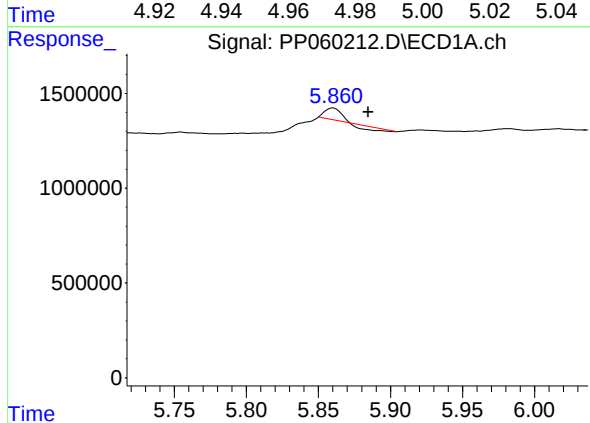
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



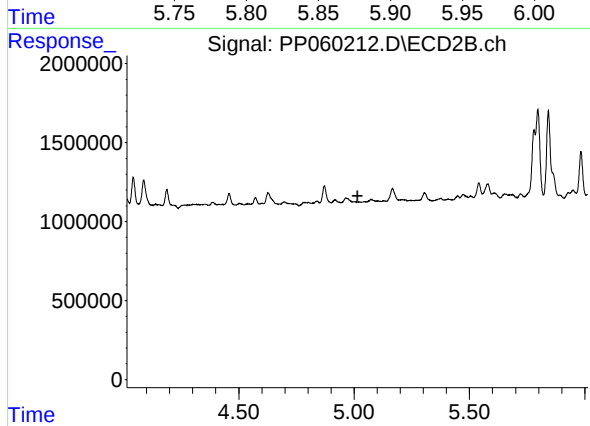
#5 AR-1016-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 182428
Conc: 4.07 ng/ml



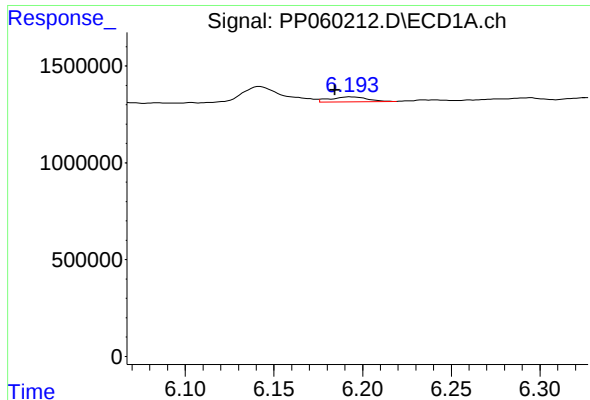
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.024 min
Response: 270355
Conc: 5.52 ng/ml



#6 AR-1016-4

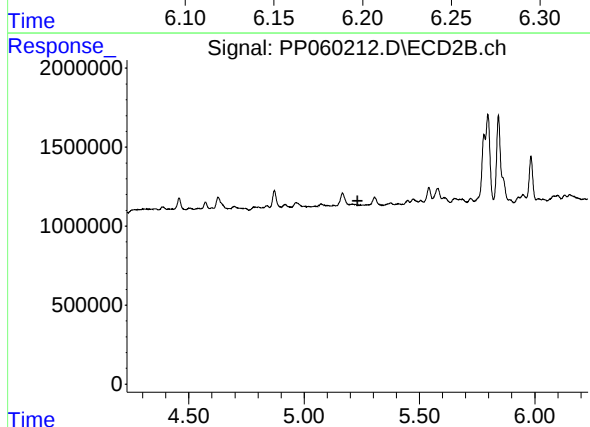
R.T.: 0.000 min
Exp R.T.: 5.015 min
Response: 0
Conc: N.D.



#7 AR-1016-5

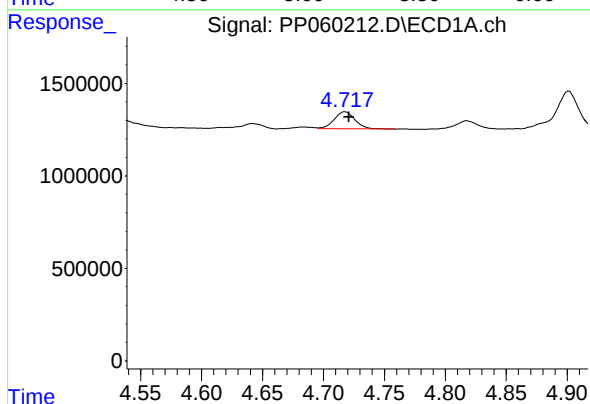
R.T.: 6.194 min
Delta R.T.: 0.009 min
Response: 367436
Conc: 7.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



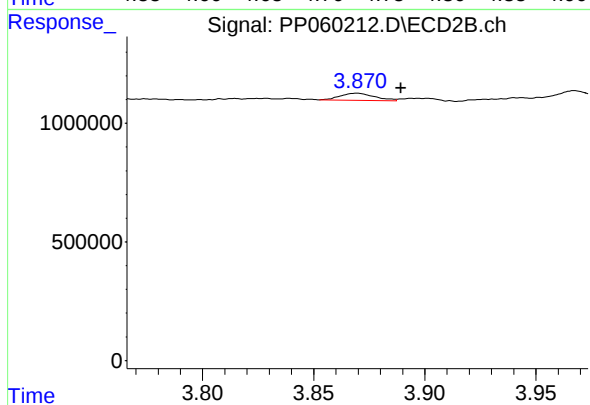
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 5.231 min
Response: 0
Conc: N.D.



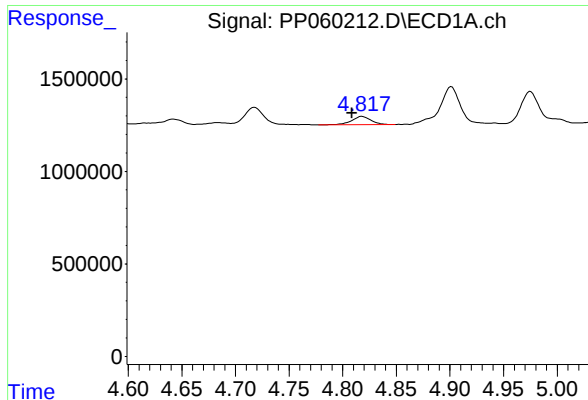
#8 AR-1221-1

R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 1101954
Conc: 41.45 ng/ml



#8 AR-1221-1

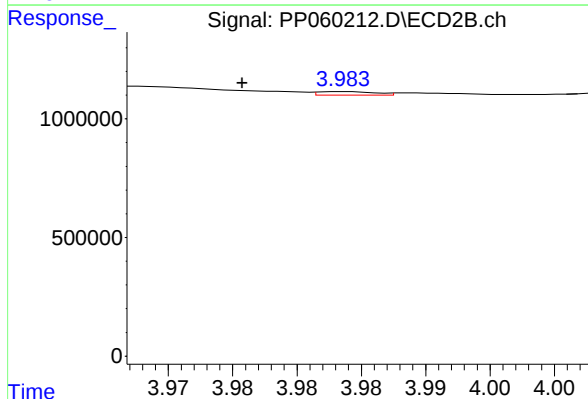
R.T.: 3.870 min
Delta R.T.: -0.019 min
Response: 314436
Conc: 14.32 ng/ml



#9 AR-1221-2

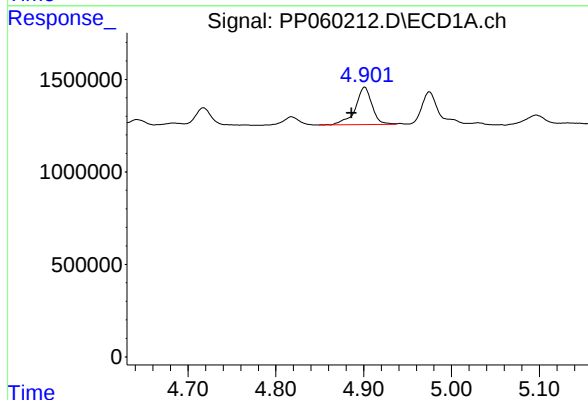
R.T.: 4.818 min
Delta R.T.: 0.009 min
Response: 567764
Conc: 28.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



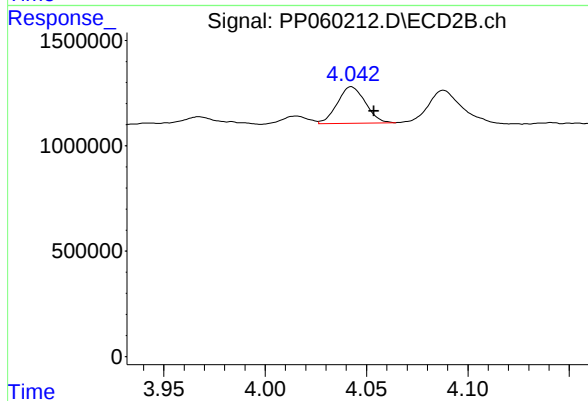
#9 AR-1221-2

R.T.: 3.984 min
Delta R.T.: 0.008 min
Response: 46121
Conc: 2.99 ng/ml



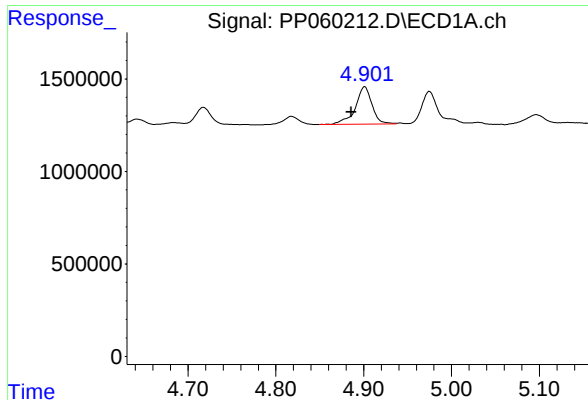
#10 AR-1221-3

R.T.: 4.901 min
Delta R.T.: 0.015 min
Response: 2660653
Conc: 46.58 ng/ml



#10 AR-1221-3

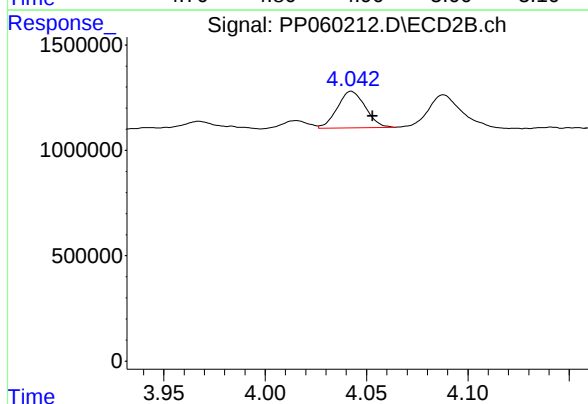
R.T.: 4.042 min
Delta R.T.: -0.011 min
Response: 1669088
Conc: 35.59 ng/ml



#11 AR-1232-1

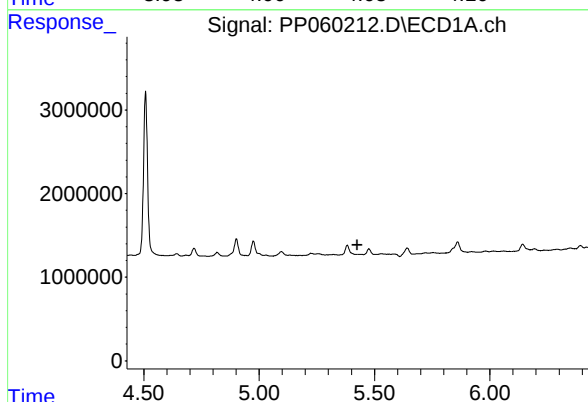
R.T.: 4.901 min
Delta R.T.: 0.015 min
Response: 2660653
Conc: 57.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



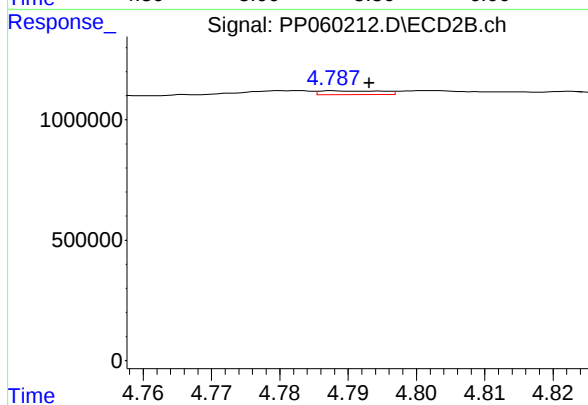
#11 AR-1232-1

R.T.: 4.042 min
Delta R.T.: -0.011 min
Response: 1669088
Conc: 43.91 ng/ml



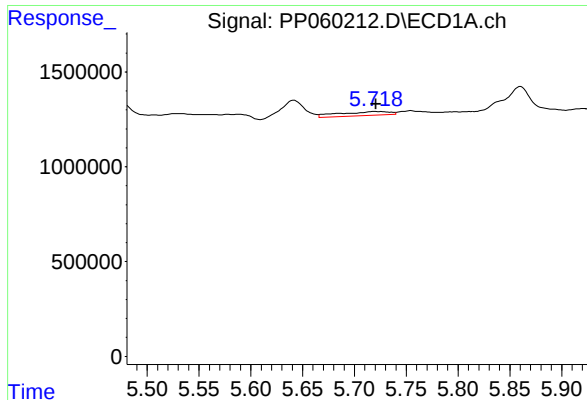
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.426 min
Response: 0
Conc: N.D.



#12 AR-1232-2

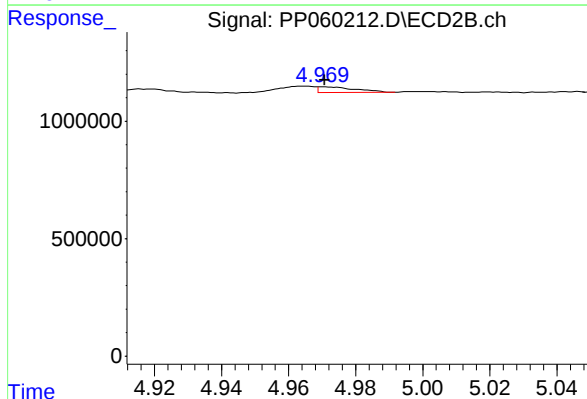
R.T.: 4.788 min
Delta R.T.: -0.005 min
Response: 103462
Conc: 2.81 ng/ml



#13 AR-1232-3

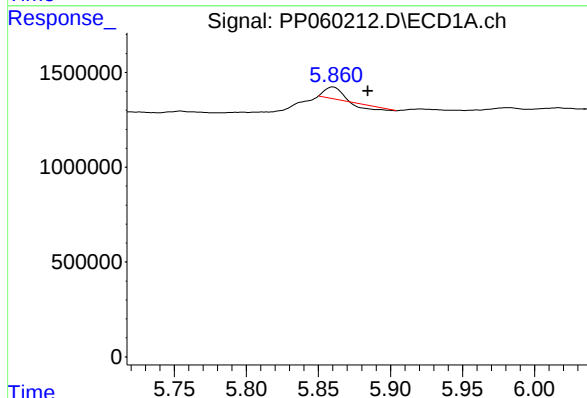
R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 703616
Conc: 16.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



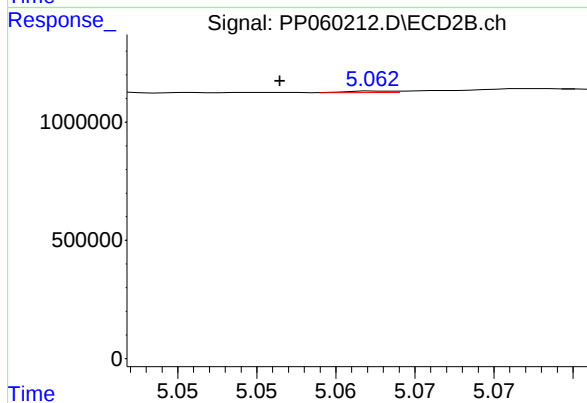
#13 AR-1232-3

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 182428
Conc: 9.11 ng/ml



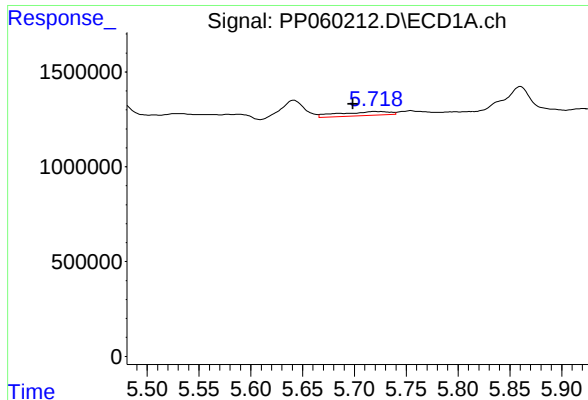
#14 AR-1232-4

R.T.: 5.860 min
Delta R.T.: -0.024 min
Response: 270355
Conc: 12.23 ng/ml



#14 AR-1232-4

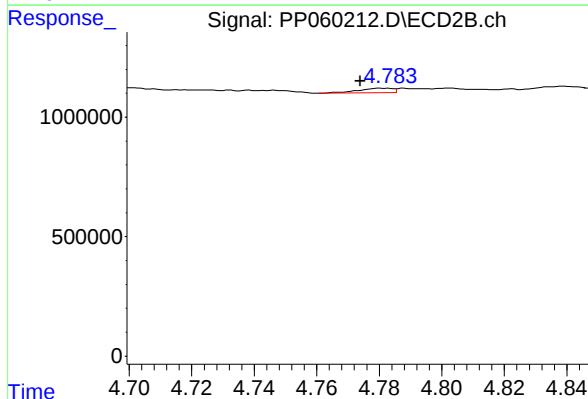
R.T.: 5.063 min
Delta R.T.: 0.006 min
Response: 12771
Conc: 0.70 ng/ml



#16 AR-1242-1

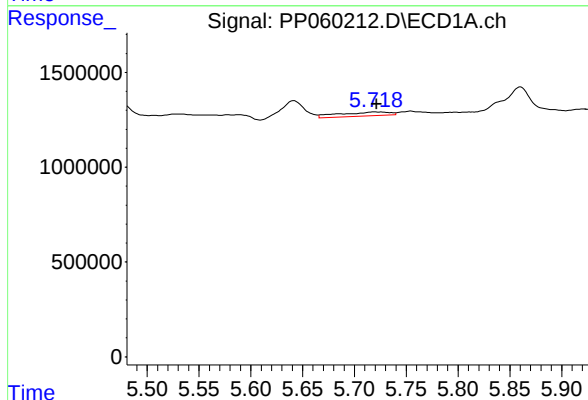
R.T.: 5.719 min
Delta R.T.: 0.021 min
Response: 703616
Conc: 11.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



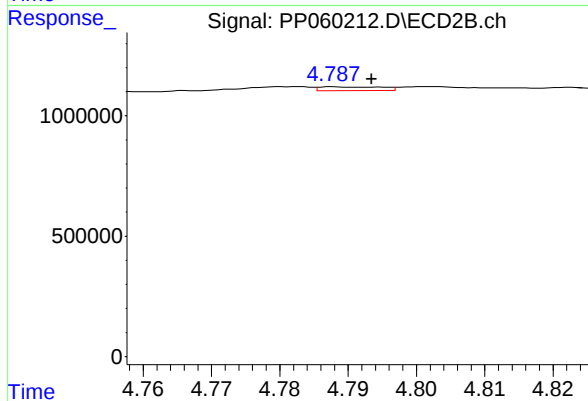
#16 AR-1242-1

R.T.: 4.780 min
Delta R.T.: 0.006 min
Response: 143489
Conc: 2.72 ng/ml



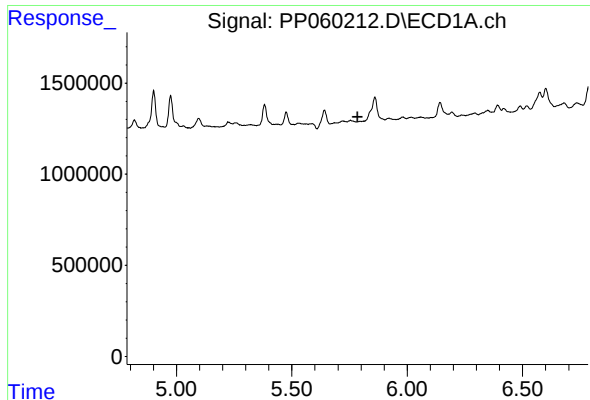
#17 AR-1242-2

R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 703616
Conc: 8.37 ng/ml



#17 AR-1242-2

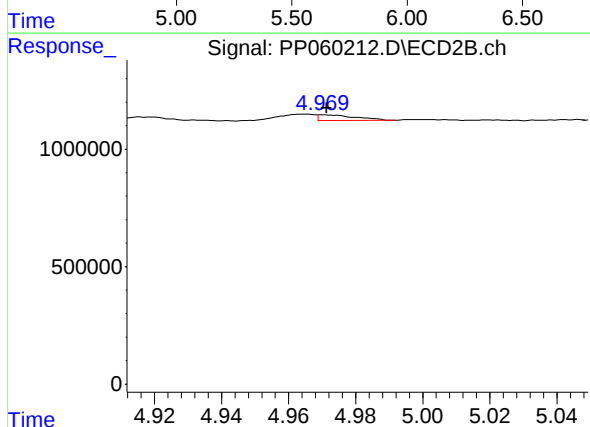
R.T.: 4.788 min
Delta R.T.: -0.006 min
Response: 103462
Conc: 1.44 ng/ml



#18 AR-1242-3

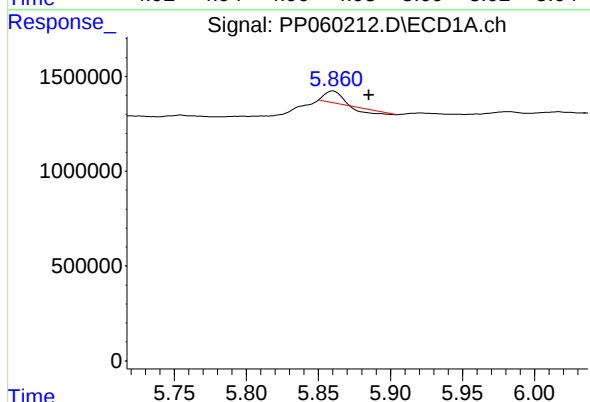
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



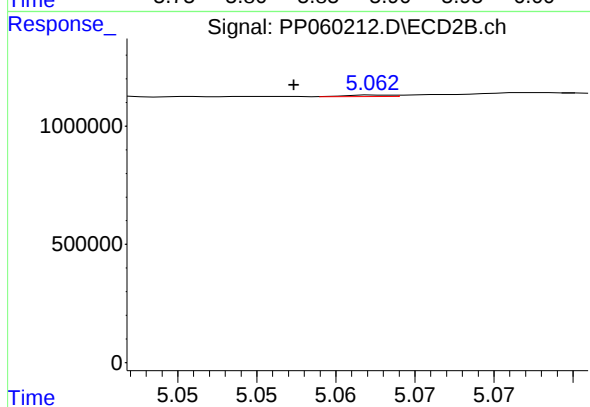
#18 AR-1242-3

R.T.: 4.970 min
Delta R.T.: -0.001 min
Response: 182428
Conc: 4.66 ng/ml



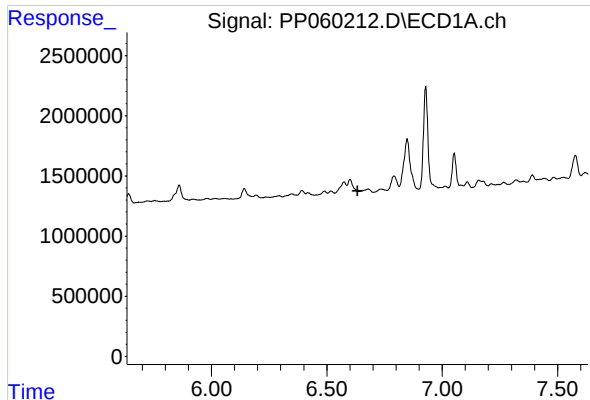
#19 AR-1242-4

R.T.: 5.860 min
Delta R.T.: -0.025 min
Response: 270355
Conc: 6.27 ng/ml



#19 AR-1242-4

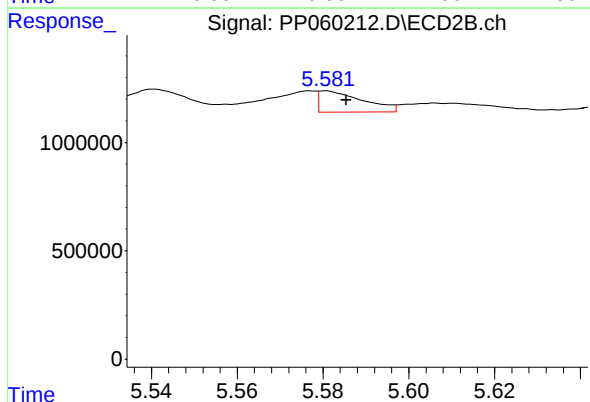
R.T.: 5.063 min
Delta R.T.: 0.005 min
Response: 12771
Conc: 0.33 ng/ml



#20 AR-1242-5

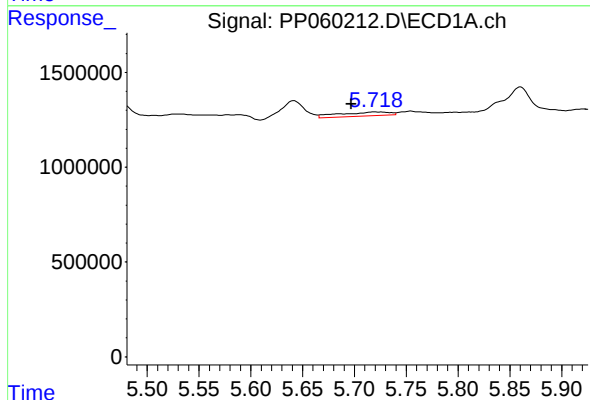
R.T.: 0.000 min
Exp R.T.: 6.633 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



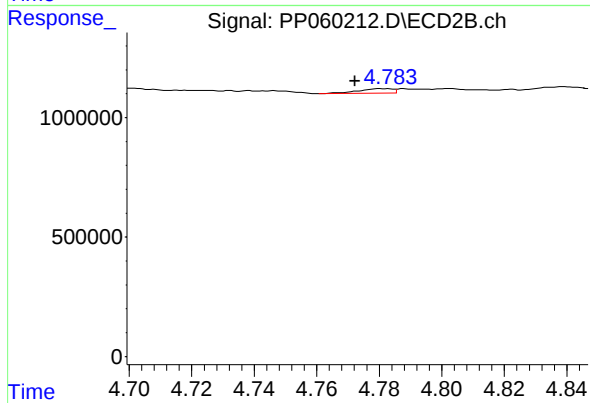
#20 AR-1242-5

R.T.: 5.581 min
Delta R.T.: -0.005 min
Response: 697845
Conc: 14.42 ng/ml



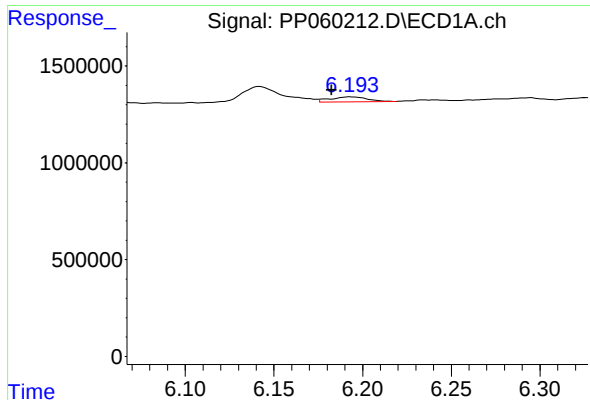
#21 AR-1248-1

R.T.: 5.719 min
Delta R.T.: 0.022 min
Response: 703616
Conc: 15.74 ng/ml



#21 AR-1248-1

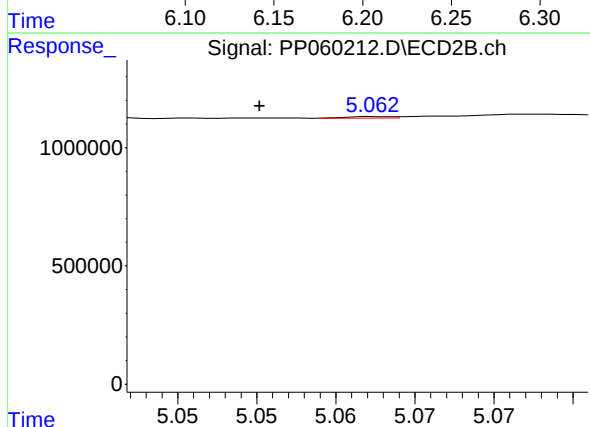
R.T.: 4.780 min
Delta R.T.: 0.008 min
Response: 143489
Conc: 3.67 ng/ml



#23 AR-1248-3

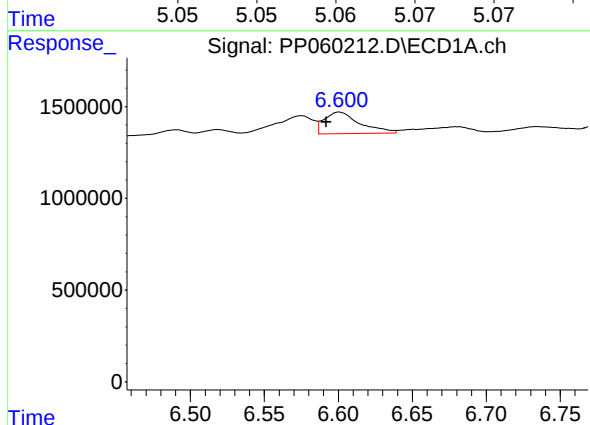
R.T.: 6.194 min
Delta R.T.: 0.011 min
Response: 367436
Conc: 5.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



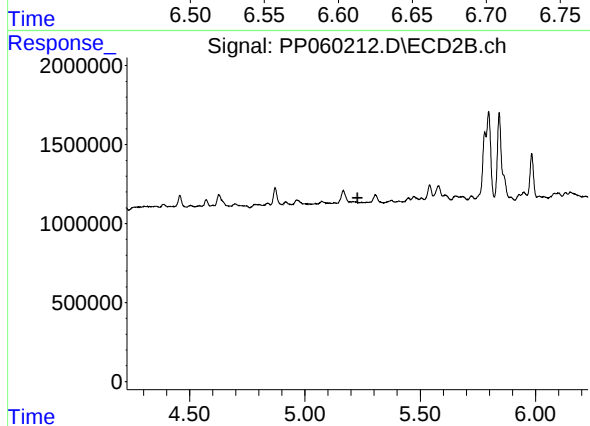
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: 0.008 min
Response: 12771
Conc: 0.22 ng/ml



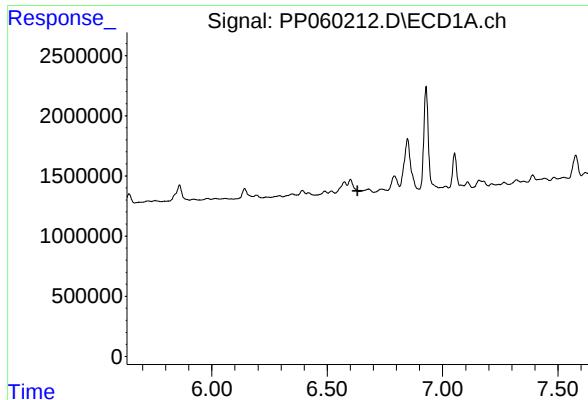
#24 AR-1248-4

R.T.: 6.601 min
Delta R.T.: 0.009 min
Response: 1966470
Conc: 25.42 ng/ml



#24 AR-1248-4

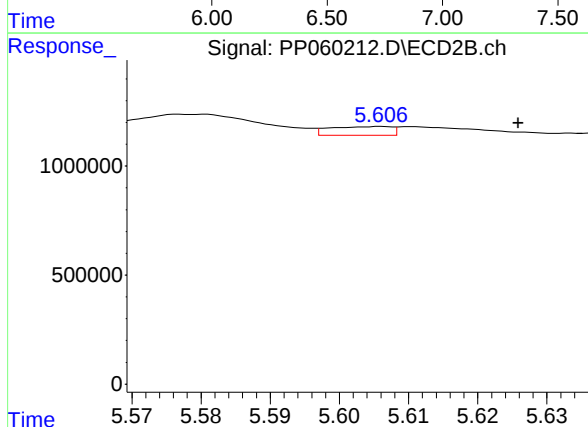
R.T.: 0.000 min
Exp R.T.: 5.228 min
Response: 0
Conc: N.D.



#25 AR-1248-5

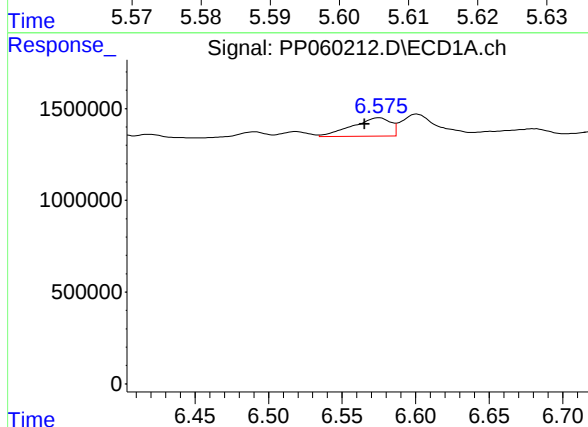
R.T.: 0.000 min
Exp R.T.: 6.631 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



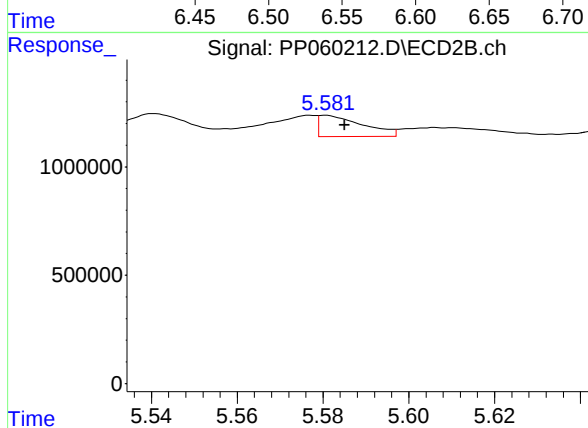
#25 AR-1248-5

R.T.: 5.606 min
Delta R.T.: -0.020 min
Response: 250956
Conc: 3.80 ng/ml



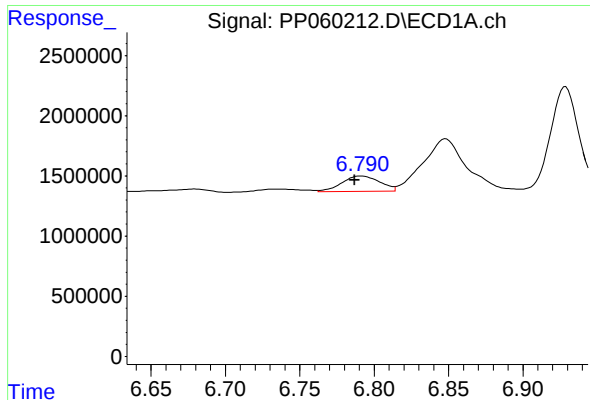
#26 AR-1254-1

R.T.: 6.575 min
Delta R.T.: 0.010 min
Response: 1823936
Conc: 22.85 ng/ml



#26 AR-1254-1

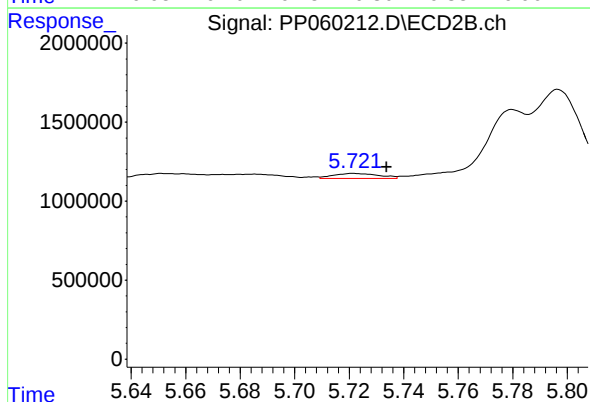
R.T.: 5.581 min
Delta R.T.: -0.004 min
Response: 697845
Conc: 6.95 ng/ml



#27 AR-1254-2

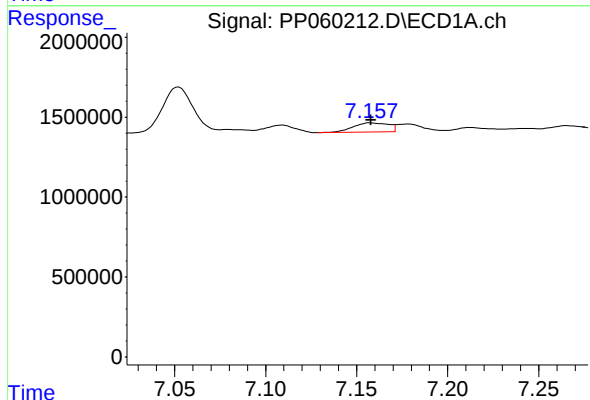
R.T.: 6.791 min
Delta R.T.: 0.004 min
Response: 2280119
Conc: 19.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



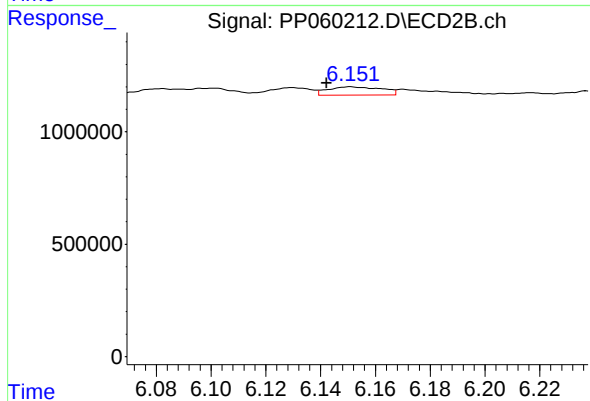
#27 AR-1254-2

R.T.: 5.722 min
Delta R.T.: -0.012 min
Response: 379834
Conc: 4.37 ng/ml



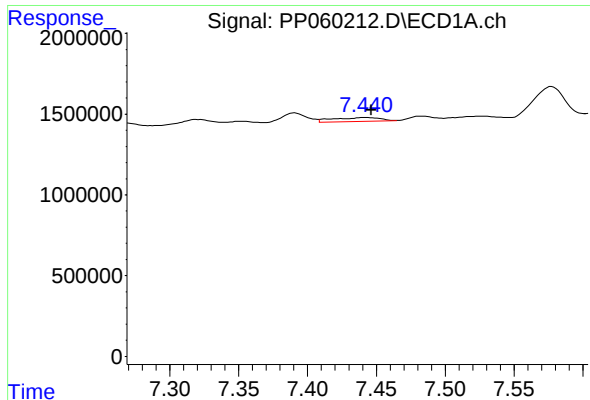
#28 AR-1254-3

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 761361
Conc: 6.27 ng/ml



#28 AR-1254-3

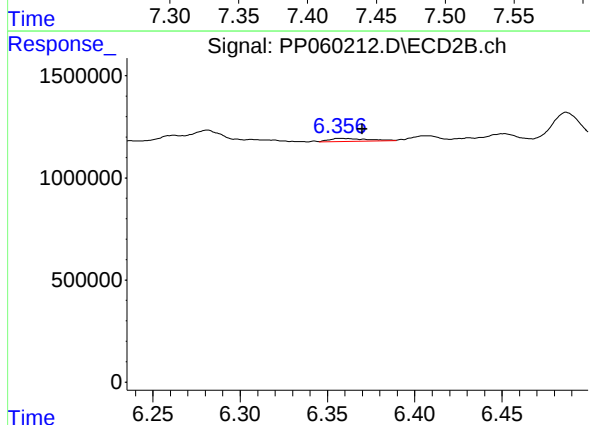
R.T.: 6.151 min
Delta R.T.: 0.009 min
Response: 496566
Conc: 3.54 ng/ml



#29 AR-1254-4

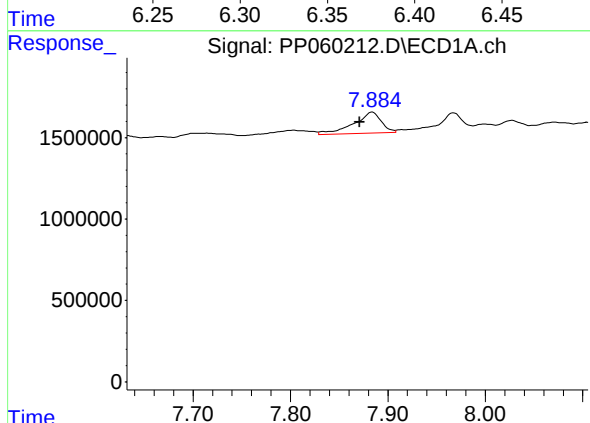
R.T.: 7.442 min
Delta R.T.: -0.004 min
Response: 616543
Conc: 6.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



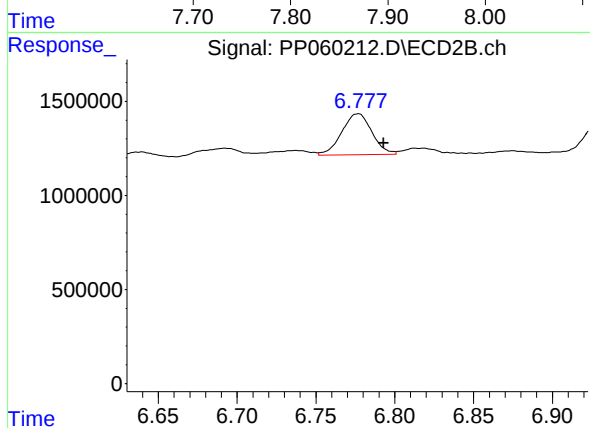
#29 AR-1254-4

R.T.: 6.356 min
Delta R.T.: -0.014 min
Response: 223544
Conc: 2.66 ng/ml



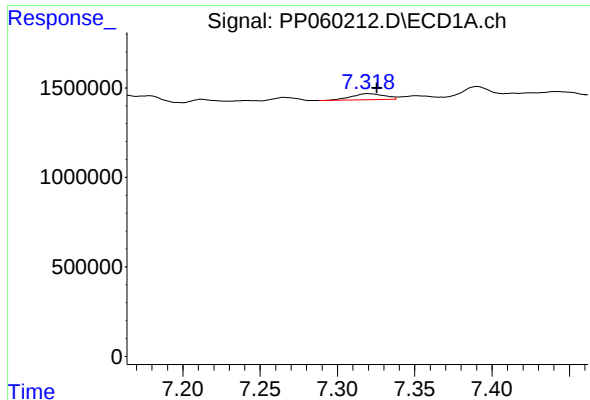
#30 AR-1254-5

R.T.: 7.884 min
Delta R.T.: 0.013 min
Response: 2508527
Conc: 25.79 ng/ml



#30 AR-1254-5

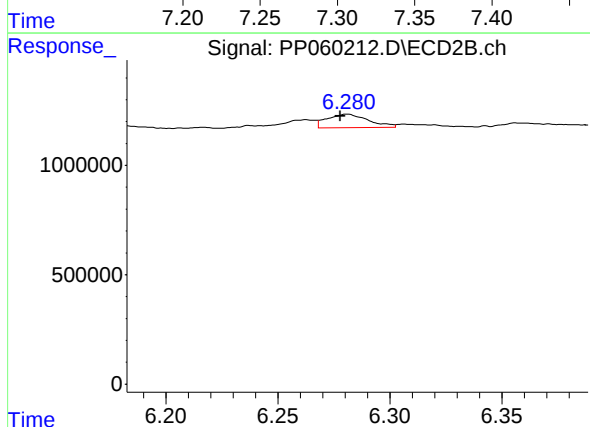
R.T.: 6.777 min
Delta R.T.: -0.016 min
Response: 2913602
Conc: 24.56 ng/ml



#31 AR-1260-1

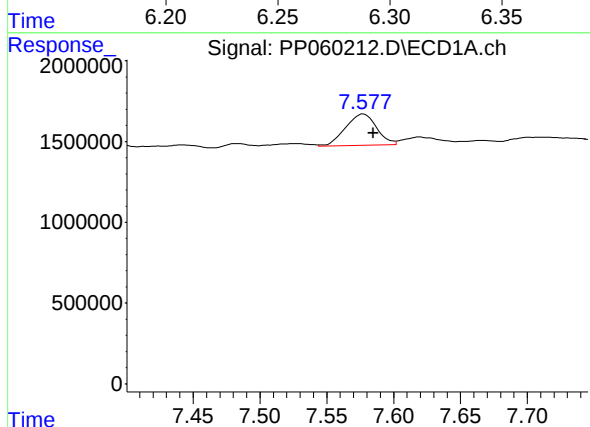
R.T.: 7.319 min
Delta R.T.: -0.006 min
Response: 492737
Conc: 5.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



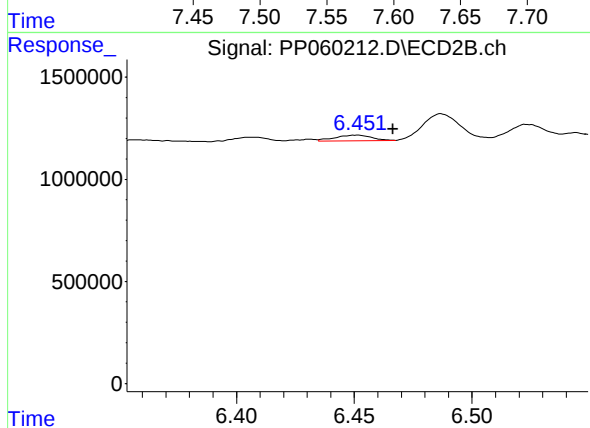
#31 AR-1260-1

R.T.: 6.281 min
Delta R.T.: 0.003 min
Response: 797278
Conc: 8.56 ng/ml



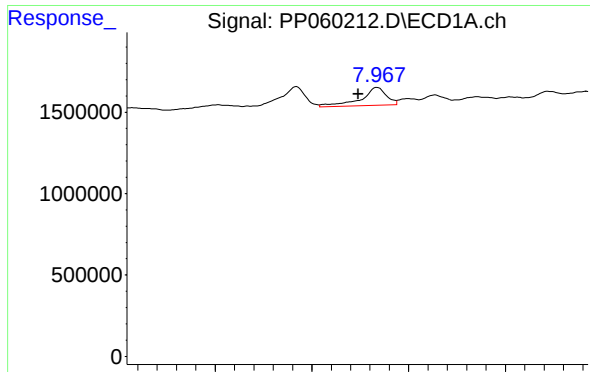
#32 AR-1260-2

R.T.: 7.577 min
Delta R.T.: -0.008 min
Response: 3113903
Conc: 30.35 ng/ml



#32 AR-1260-2

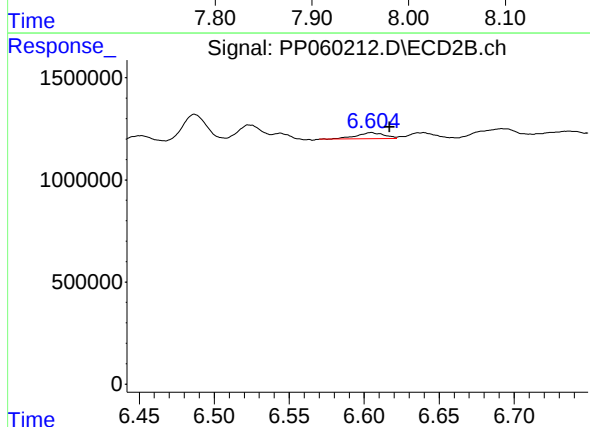
R.T.: 6.452 min
Delta R.T.: -0.015 min
Response: 293565
Conc: 2.68 ng/ml



#33 AR-1260-3

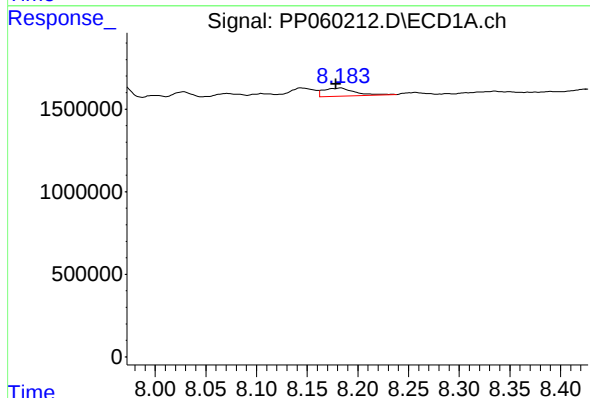
R.T.: 7.967 min
Delta R.T.: 0.019 min
Response: 2006814
Conc: 25.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



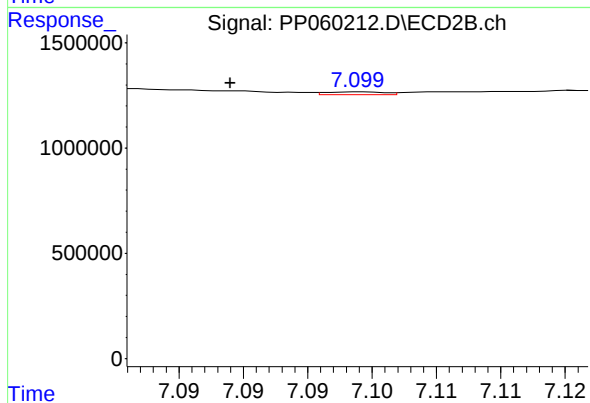
#33 AR-1260-3

R.T.: 6.605 min
Delta R.T.: -0.012 min
Response: 390000
Conc: 3.79 ng/ml



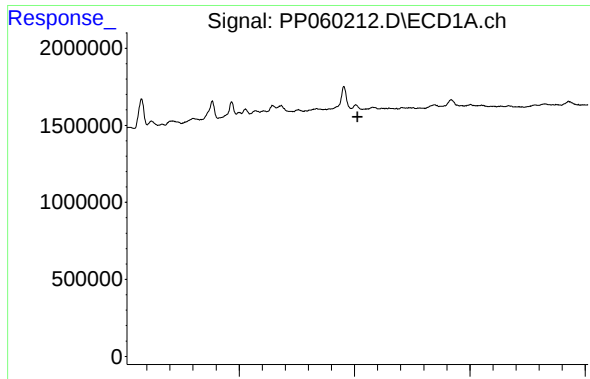
#34 AR-1260-4

R.T.: 8.183 min
Delta R.T.: 0.005 min
Response: 1047989
Conc: 11.69 ng/ml



#34 AR-1260-4

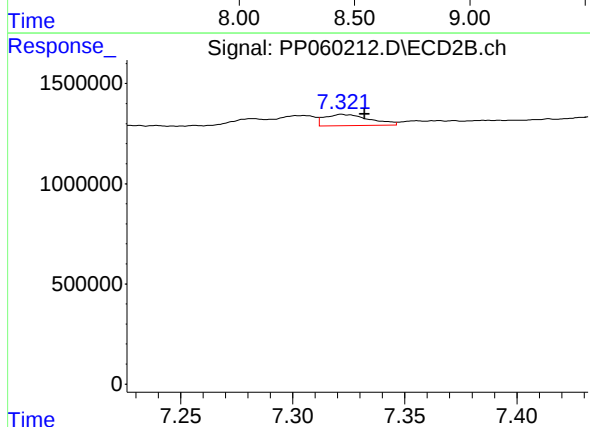
R.T.: 7.099 min
Delta R.T.: 0.010 min
Response: 43243
Conc: 0.52 ng/ml



#35 AR-1260-5

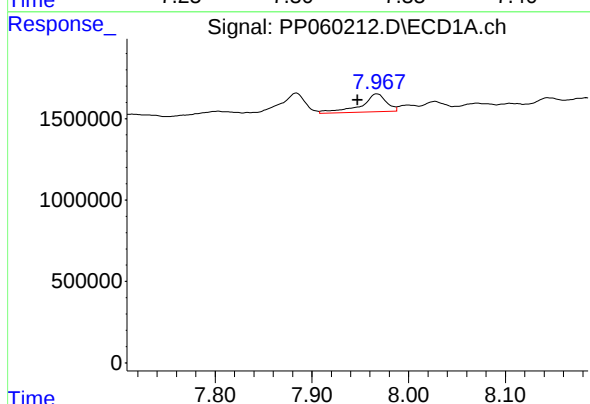
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



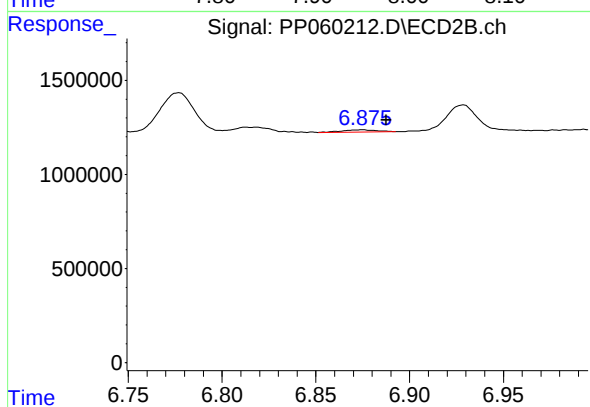
#35 AR-1260-5

R.T.: 7.322 min
Delta R.T.: -0.010 min
Response: 788712
Conc: 4.10 ng/ml



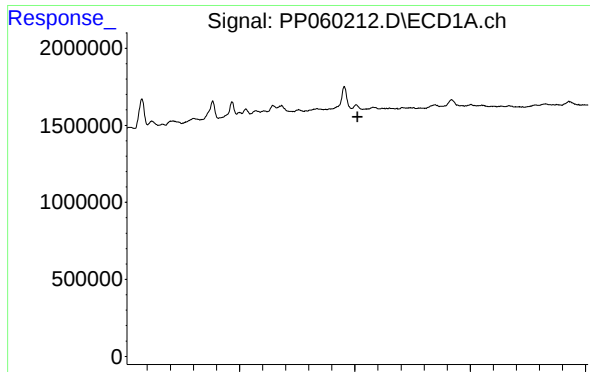
#36 AR-1262-1

R.T.: 7.967 min
Delta R.T.: 0.020 min
Response: 2006814
Conc: 17.34 ng/ml



#36 AR-1262-1

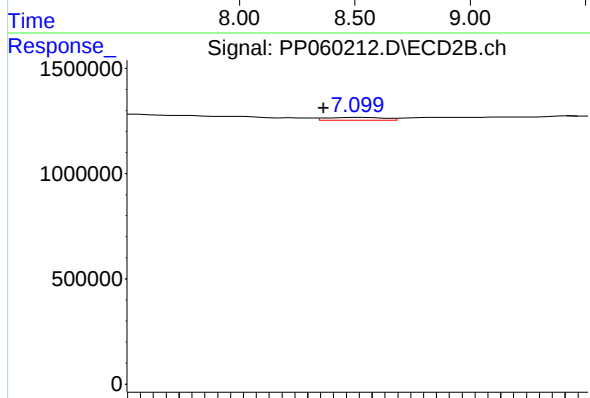
R.T.: 6.875 min
Delta R.T.: -0.012 min
Response: 145485
Conc: 2.88 ng/ml



#37 AR-1262-2

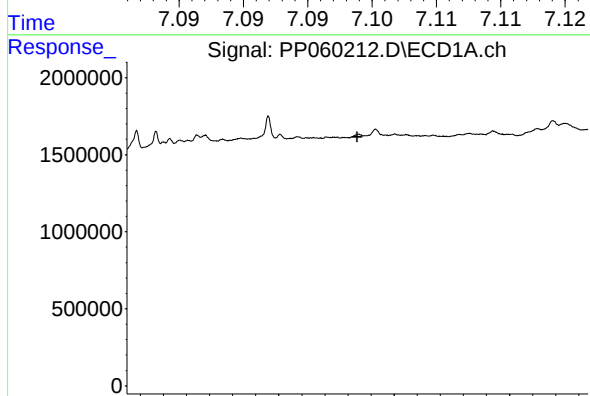
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



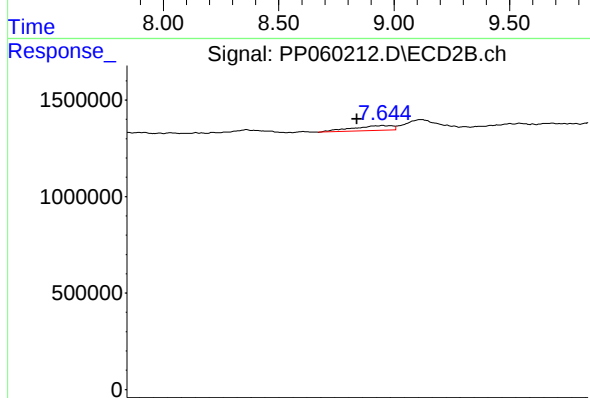
#37 AR-1262-2

R.T.: 7.099 min
Delta R.T.: 0.003 min
Response: 43243
Conc: 0.38 ng/ml



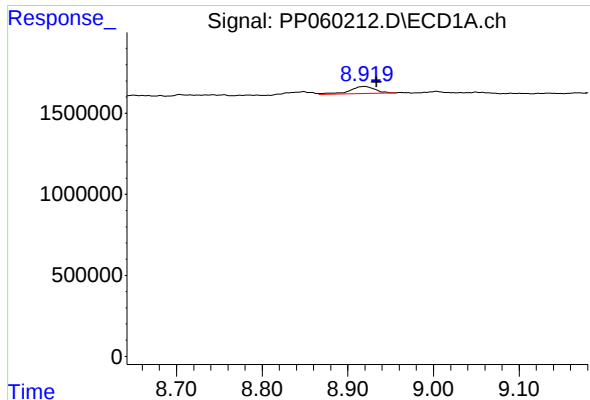
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.841 min
Response: 0
Conc: N.D.



#38 AR-1262-3

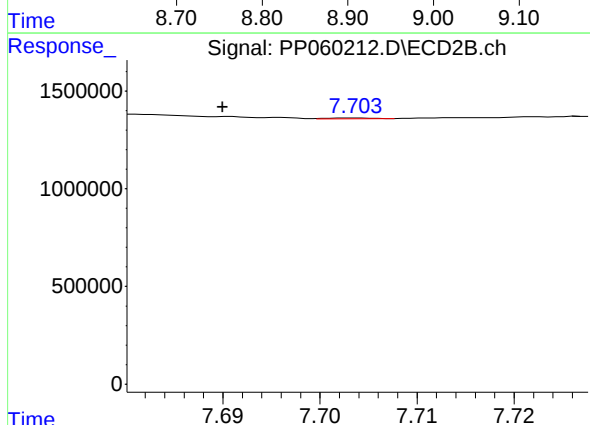
R.T.: 7.644 min
Delta R.T.: 0.018 min
Response: 491914
Conc: 5.61 ng/ml



#39 AR-1262-4

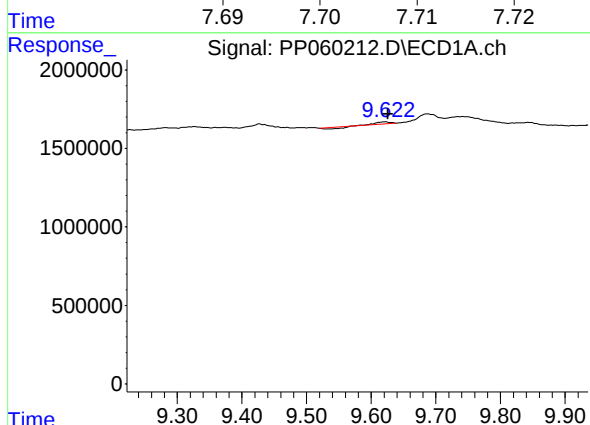
R.T.: 8.919 min
Delta R.T.: -0.014 min
Response: 880236
Conc: 7.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



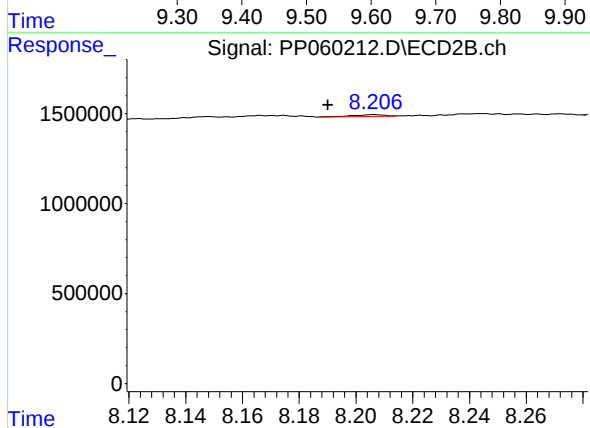
#39 AR-1262-4

R.T.: 7.703 min
Delta R.T.: 0.013 min
Response: 13040
Conc: 0.08 ng/ml



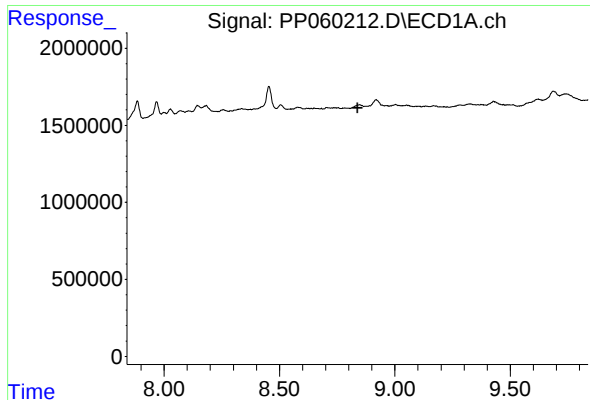
#40 AR-1262-5

R.T.: 9.623 min
Delta R.T.: -0.003 min
Response: 62177
Conc: 0.83 ng/ml



#40 AR-1262-5

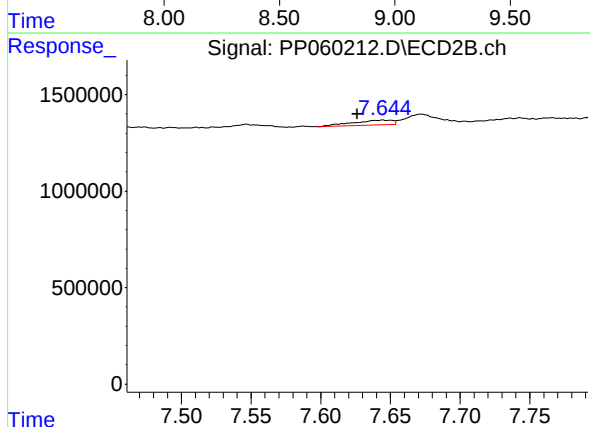
R.T.: 8.206 min
Delta R.T.: 0.016 min
Response: 82692
Conc: 1.11 ng/ml



#41 AR-1268-1

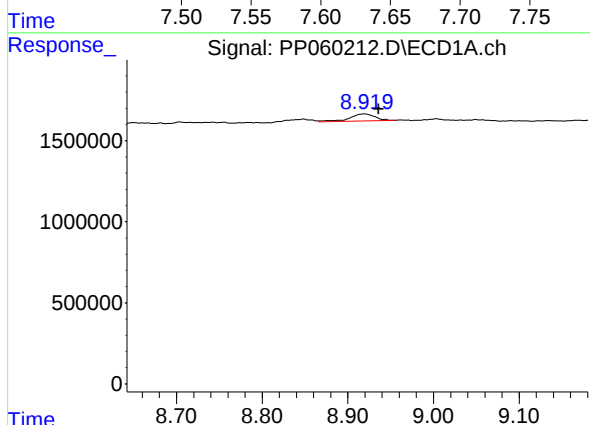
R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



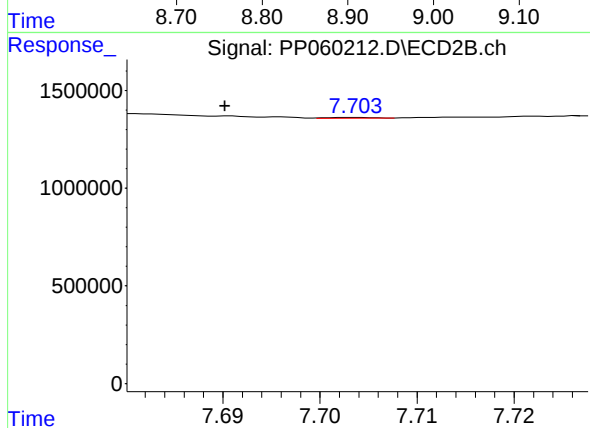
#41 AR-1268-1

R.T.: 7.644 min
Delta R.T.: 0.018 min
Response: 491914
Conc: 1.89 ng/ml



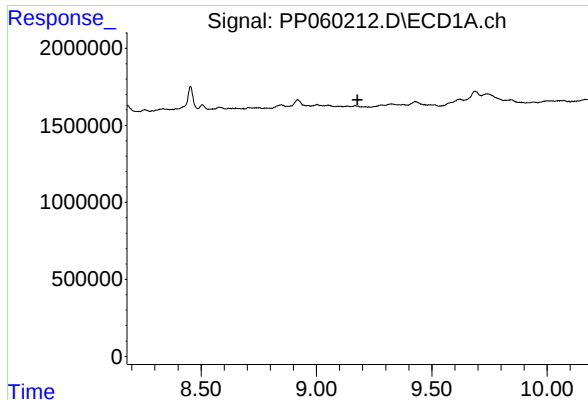
#42 AR-1268-2

R.T.: 8.919 min
Delta R.T.: -0.017 min
Response: 880236
Conc: 3.84 ng/ml



#42 AR-1268-2

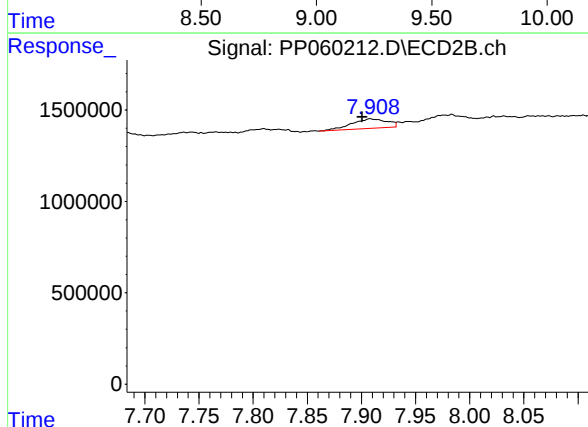
R.T.: 7.703 min
Delta R.T.: 0.013 min
Response: 13040
Conc: 0.06 ng/ml



#43 AR-1268-3

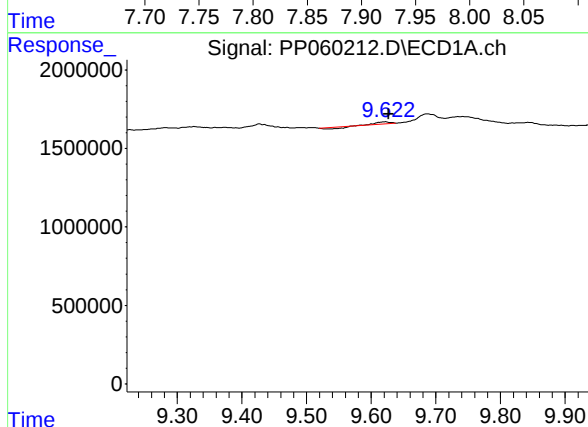
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



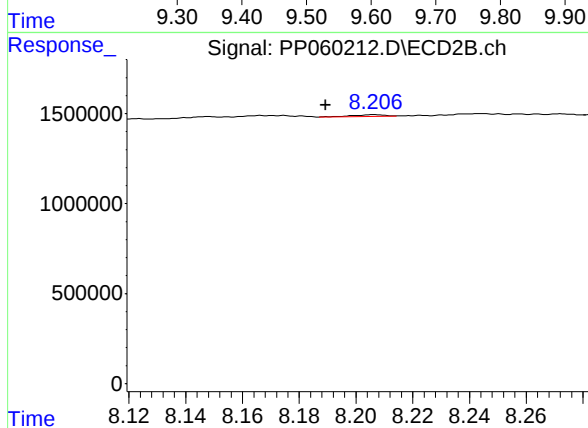
#43 AR-1268-3

R.T.: 7.908 min
Delta R.T.: 0.007 min
Response: 1202638
Conc: 5.89 ng/ml



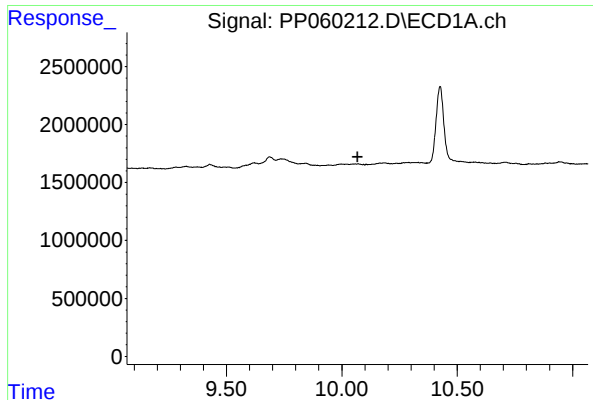
#44 AR-1268-4

R.T.: 9.623 min
Delta R.T.: -0.004 min
Response: 62177
Conc: 0.75 ng/ml



#44 AR-1268-4

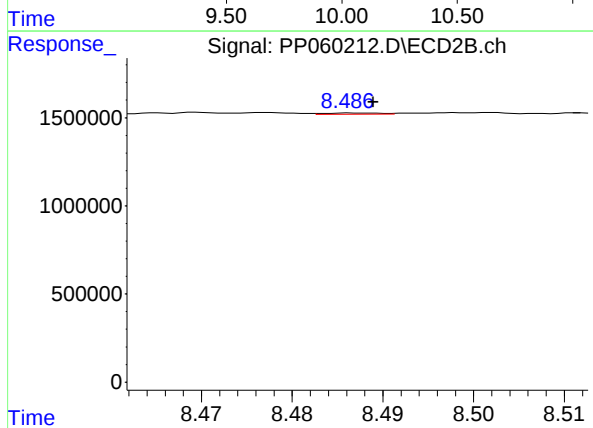
R.T.: 8.206 min
Delta R.T.: 0.017 min
Response: 82692
Conc: 1.02 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.069 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.486 min
Delta R.T.: -0.003 min
Response: 28067
Conc: 0.04 ng/ml