

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092723\
 Data File : PP060282.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 08:57
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 11:32:21 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...	0.000	3.683	0	12240	N.D.	0.008 #
2) SA Decachlor...	0.000	8.748	0	19338	N.D.	0.012 #
Target Compounds						
3) L1 AR-1016-1	0.000	4.789	0	13698	N.D.	0.236 #
4) L1 AR-1016-2	0.000	4.795	0	11441	N.D.	0.142 #
5) L1 AR-1016-3	0.000	4.969	0	69717	N.D.	1.560 #
6) L1 AR-1016-4	0.000	5.049f	0	376363	N.D.	10.459 #
7) L1 AR-1016-5	0.000	5.239	0	772211	N.D.	15.892 #
8) L2 AR-1221-1	0.000	3.891	0	8659	N.D.	0.415 #
9) L2 AR-1221-2	4.859f	3.986	393303	10428	18.409	0.699 #
10) L2 AR-1221-3	0.000	4.068	0	8417	N.D.	0.192 #
11) L3 AR-1232-1	0.000	4.068	0	8417	N.D.	0.231 #
12) L3 AR-1232-2	0.000	4.795	0	11441	N.D.	0.314 #
13) L3 AR-1232-3	0.000	4.969	0	69717	N.D.	3.483 #
14) L3 AR-1232-4	0.000	5.069	0	116269	N.D.	6.229 #
15) L3 AR-1232-5	0.000	5.239	0	772211	N.D.	37.127 #
16) L4 AR-1242-1	0.000	4.789	0	13698	N.D.	0.271 #
17) L4 AR-1242-2	0.000	4.795	0	11441	N.D.	0.165 #
18) L4 AR-1242-3	0.000	4.969	0	69717	N.D.	1.810 #
19) L4 AR-1242-4	0.000	5.063	0	364447	N.D.	9.254 #
20) L4 AR-1242-5	6.671f	5.602	1118278	254746	22.234	5.208 #
21) L5 AR-1248-1	0.000	4.789	0	13698	N.D.	0.375 #
22) L5 AR-1248-2	0.000	5.049f	0	376363	N.D.	7.200 #
23) L5 AR-1248-3	0.000	5.063	0	364447	N.D.	6.564 #
24) L5 AR-1248-4	6.604	5.239	2891180	772211	34.957	11.731 #
25) L5 AR-1248-5	6.671f	5.624	1118278	2533856	13.895	39.393 #
26) L6 AR-1254-1	6.604f	5.602	2891180	254746	33.878	2.575 #
27) L6 AR-1254-2	6.808	5.741	1660137	282547	13.008	3.288 #
28) L6 AR-1254-3	7.196f	6.150	1283787	178027	9.659	1.242 #
29) L6 AR-1254-4	7.463	6.376	579390	85760	5.892	0.984 #
30) L6 AR-1254-5	0.000	6.801	0	60964	N.D.	0.481 #
31) L7 AR-1260-1	7.365f	6.284	1141530	114972	10.890	1.145 #
32) L7 AR-1260-2	7.582f	6.476	60435	36824	0.500	0.309 #
33) L7 AR-1260-3	7.957	6.621	109503	9905	1.181	0.087 #
34) L7 AR-1260-4	0.000	7.096	0	19656	N.D.	0.207 #
36) L8 AR-1262-1	7.957	6.892	109503	8815	0.878	0.165 #
38) L8 AR-1262-3	0.000	7.641	0	297825	N.D.	3.230 #
39) L8 AR-1262-4	0.000	7.693	0	71372	N.D.	0.424 #
40) L8 AR-1262-5	0.000	8.180	0	12422	N.D.	0.160 #
41) L9 AR-1268-1	0.000	7.641	0	297825	N.D.	1.096 #
42) L9 AR-1268-2	0.000	7.693	0	71372	N.D.	0.293 #
43) L9 AR-1268-3	0.000	7.902	0	63790	N.D.	0.298 #

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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
44) L9	AR-1268-4	0.000	8.180	0	12422	N.D.	0.142 #
45) L9	AR-1268-5	0.000	8.485	0	50946	N.D.	0.082 #

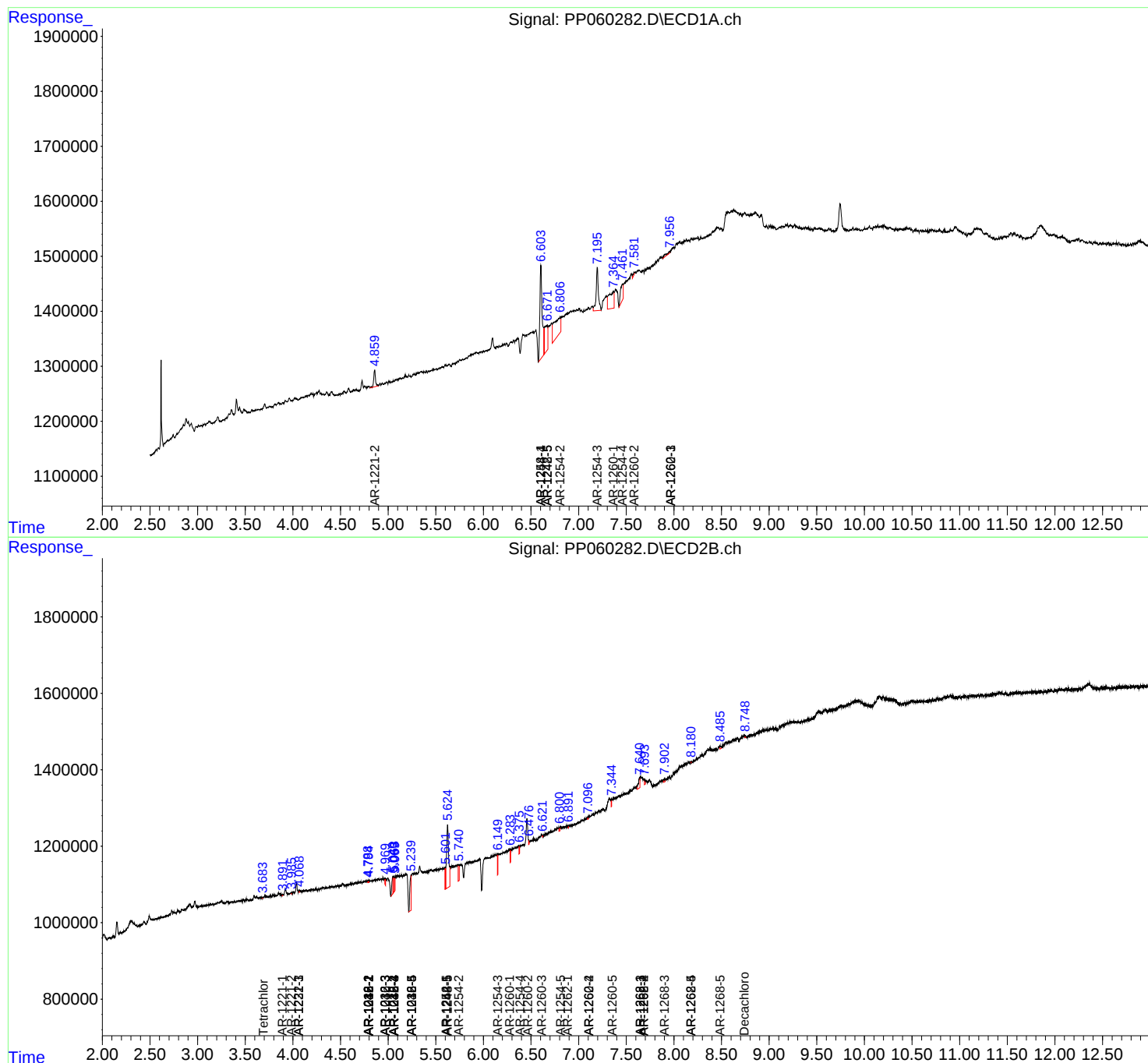
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

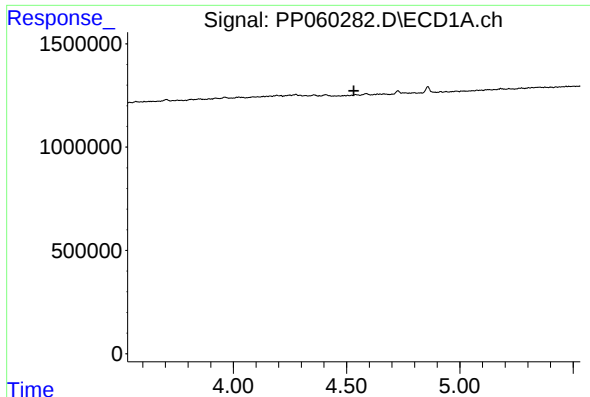
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Acq On : 27 Sep 2023 08:57
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Misc :
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

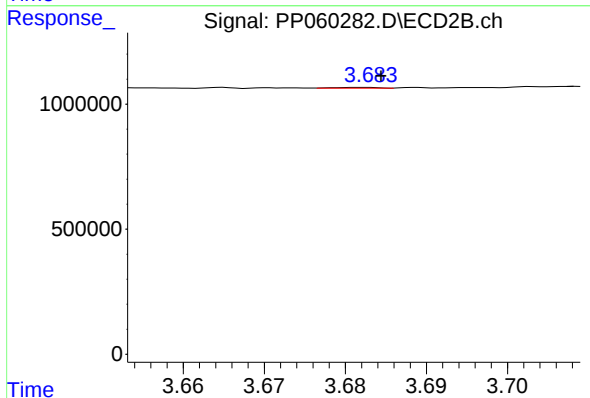




#1 Tetrachloro-m-xylene

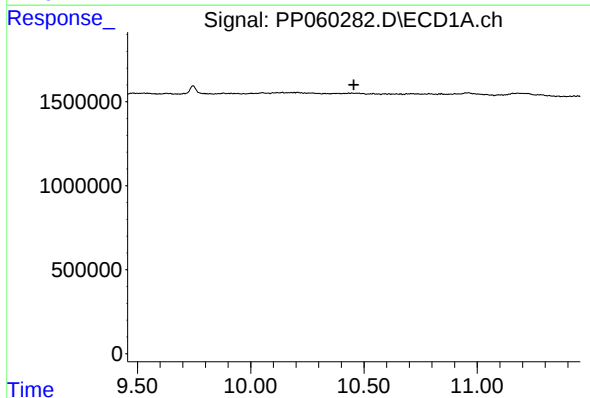
R.T.: 0.000 min
Exp R.T.: 4.532 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



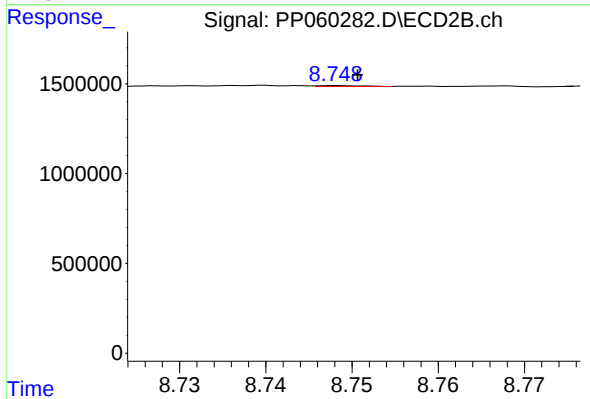
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 12240
Conc: 0.01 ng/ml



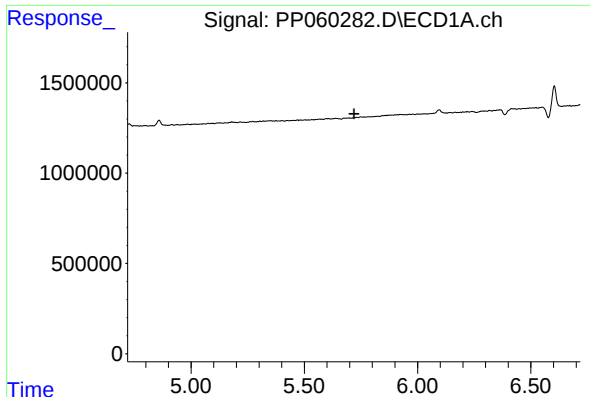
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T.: 10.456 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

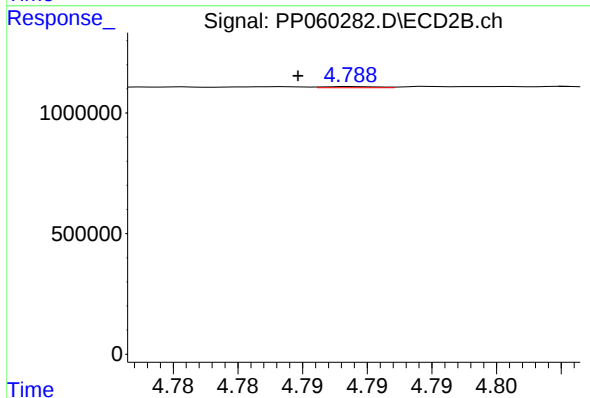
R.T.: 8.748 min
Delta R.T.: -0.003 min
Response: 19338
Conc: 0.01 ng/ml



#3 AR-1016-1

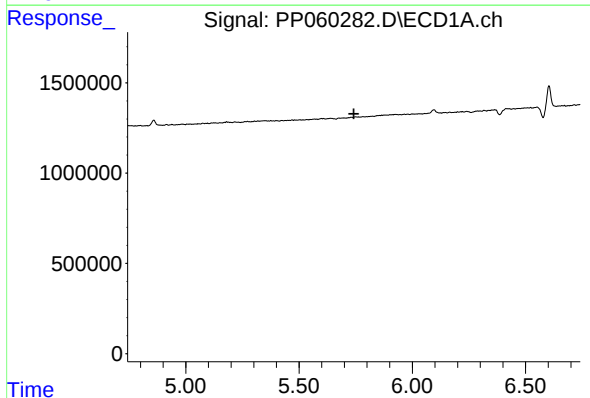
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



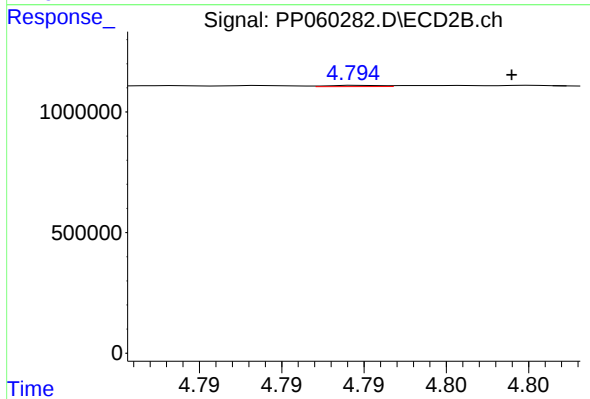
#3 AR-1016-1

R.T.: 4.789 min
Delta R.T.: 0.004 min
Response: 13698
Conc: 0.24 ng/ml



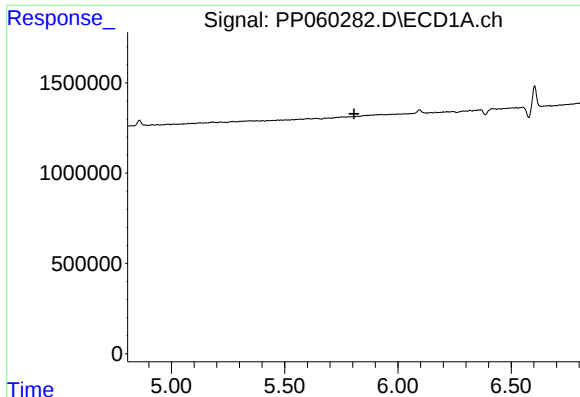
#4 AR-1016-2

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



#4 AR-1016-2

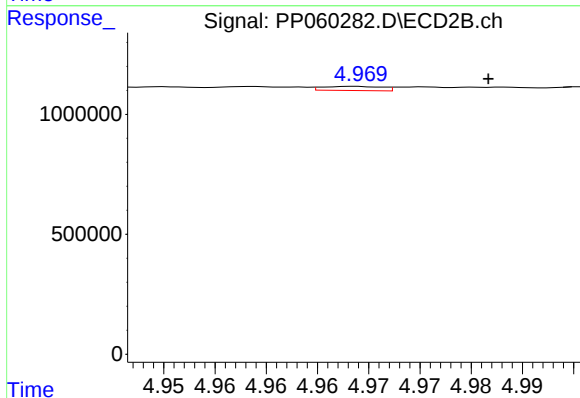
R.T.: 4.795 min
Delta R.T.: -0.009 min
Response: 11441
Conc: 0.14 ng/ml



#5 AR-1016-3

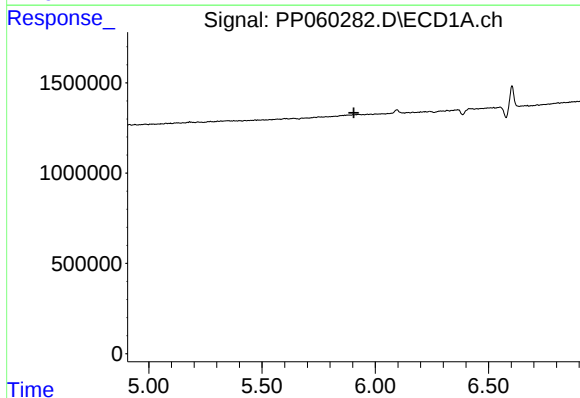
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



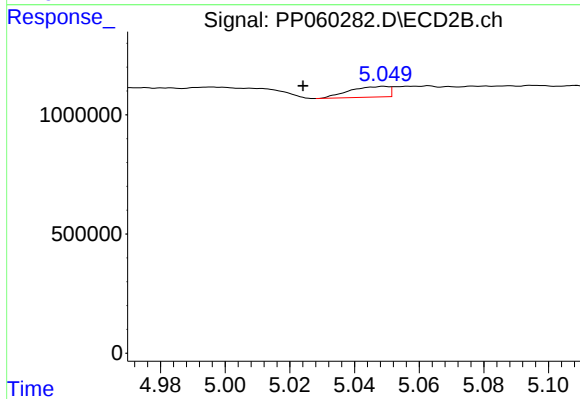
#5 AR-1016-3

R.T.: 4.969 min
Delta R.T.: -0.013 min
Response: 69717
Conc: 1.56 ng/ml



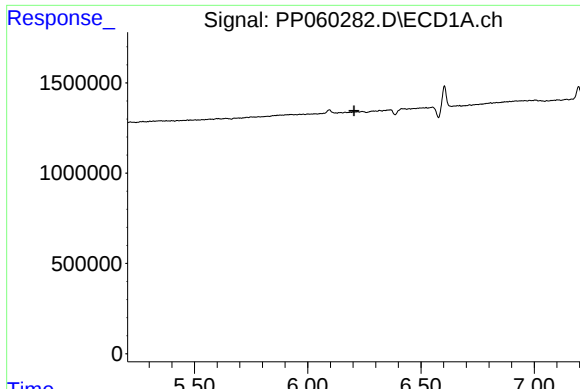
#6 AR-1016-4

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



#6 AR-1016-4

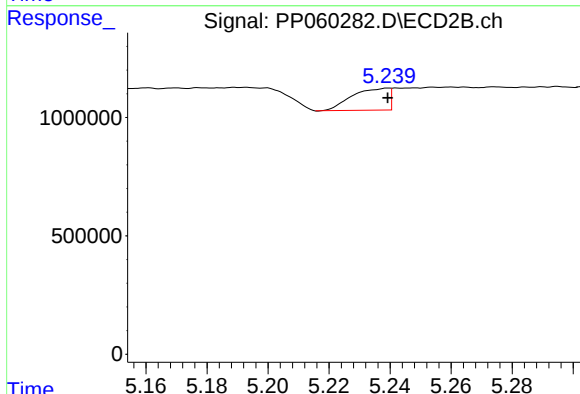
R.T.: 5.049 min
Delta R.T.: 0.025 min
Response: 376363
Conc: 10.46 ng/ml



#7 AR-1016-5

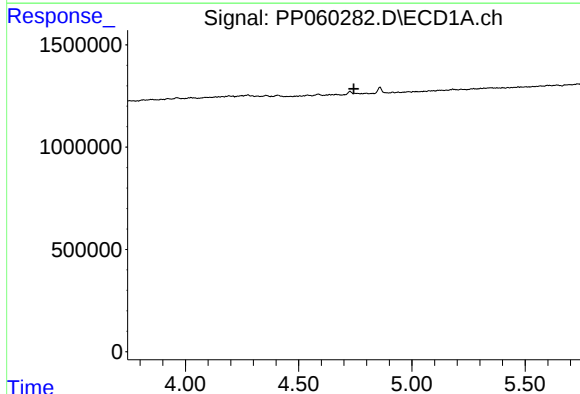
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



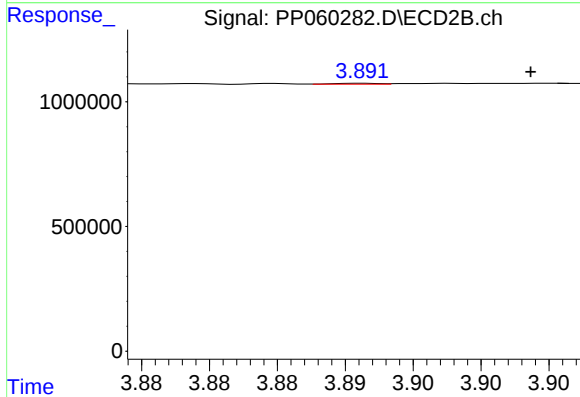
#7 AR-1016-5

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 772211
Conc: 15.89 ng/ml



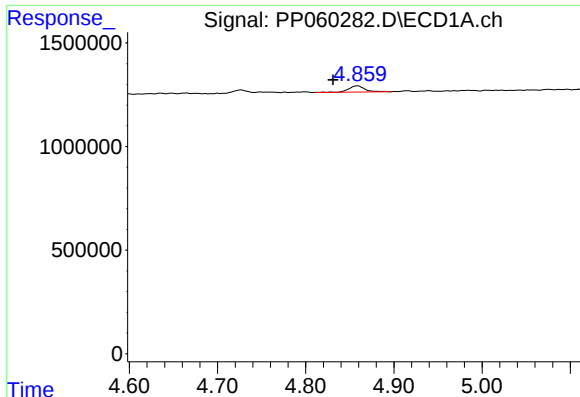
#8 AR-1221-1

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



#8 AR-1221-1

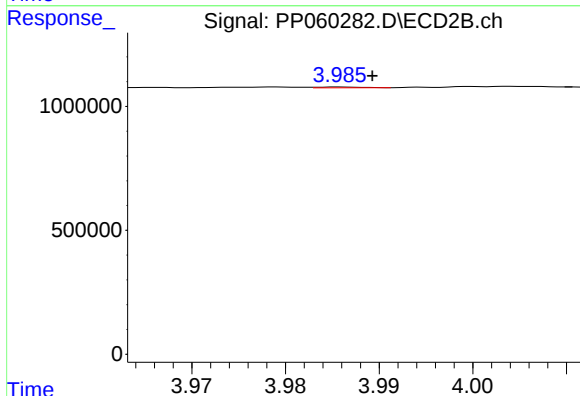
R.T.: 3.891 min
Delta R.T.: -0.012 min
Response: 8659
Conc: 0.41 ng/ml



#9 AR-1221-2

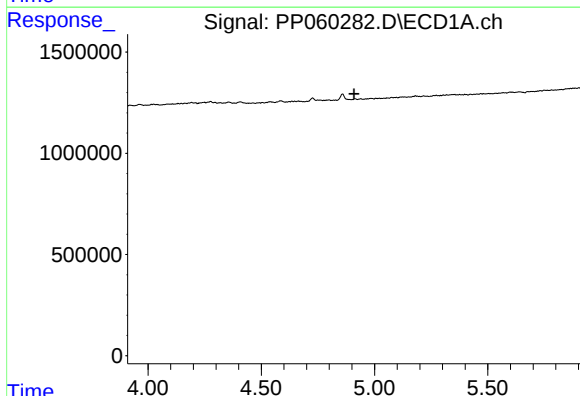
R.T.: 4.859 min
Delta R.T.: 0.028 min
Response: 393303
Conc: 18.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



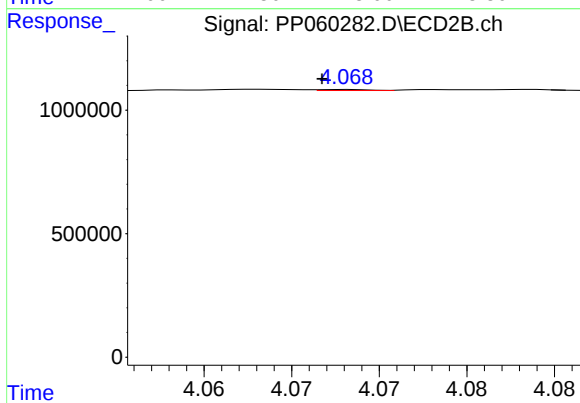
#9 AR-1221-2

R.T.: 3.986 min
Delta R.T.: -0.003 min
Response: 10428
Conc: 0.70 ng/ml



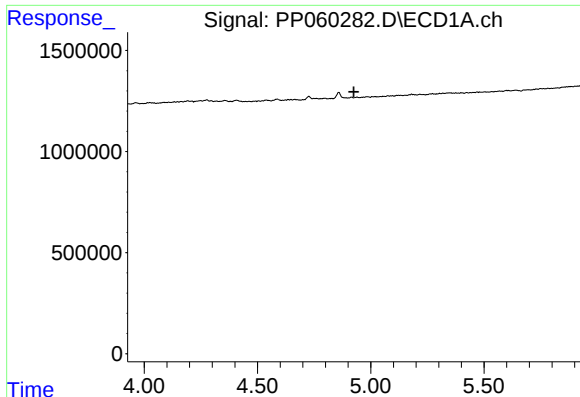
#10 AR-1221-3

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



#10 AR-1221-3

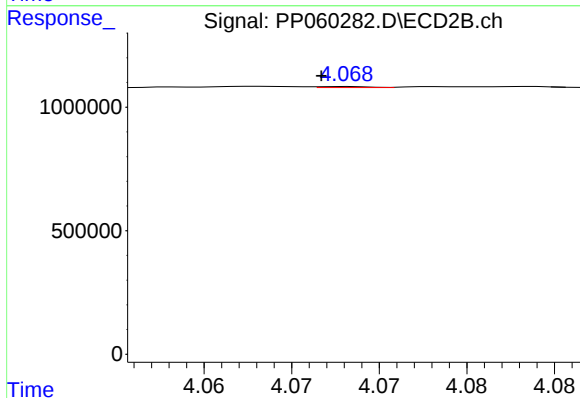
R.T.: 4.068 min
Delta R.T.: 0.002 min
Response: 8417
Conc: 0.19 ng/ml



#11 AR-1232-1

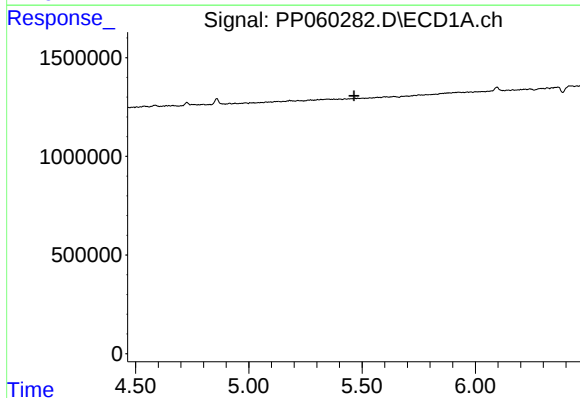
R.T.: 0.000 min
Exp R.T.: 4.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



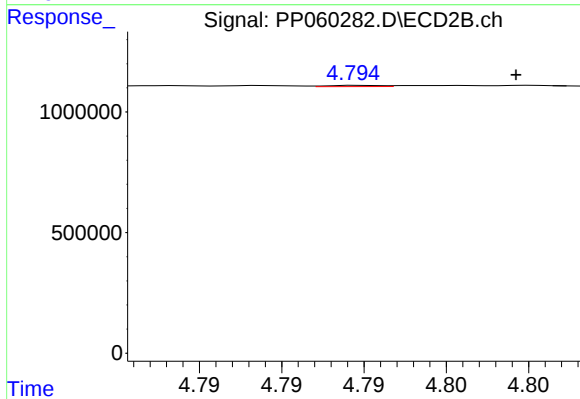
#11 AR-1232-1

R.T.: 4.068 min
Delta R.T.: 0.002 min
Response: 8417
Conc: 0.23 ng/ml



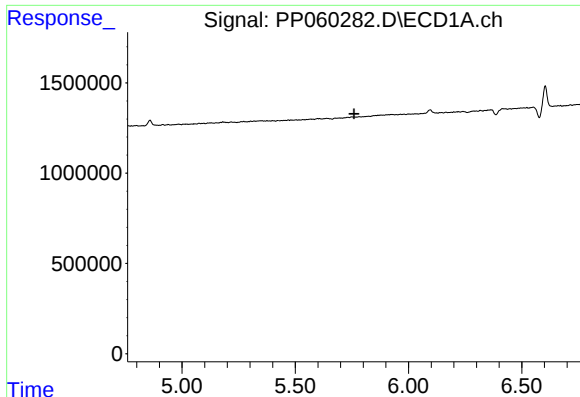
#12 AR-1232-2

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



#12 AR-1232-2

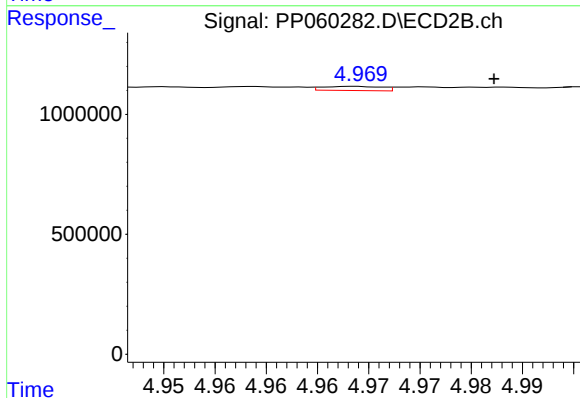
R.T.: 4.795 min
Delta R.T.: -0.009 min
Response: 11441
Conc: 0.31 ng/ml



#13 AR-1232-3

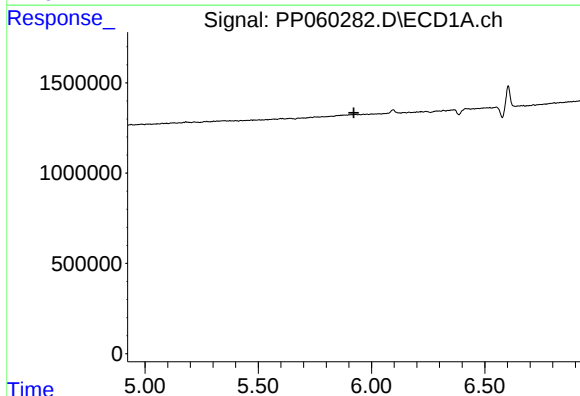
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



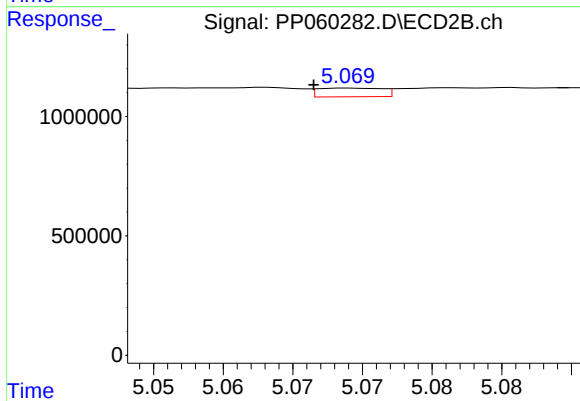
#13 AR-1232-3

R.T.: 4.969 min
Delta R.T.: -0.014 min
Response: 69717
Conc: 3.48 ng/ml



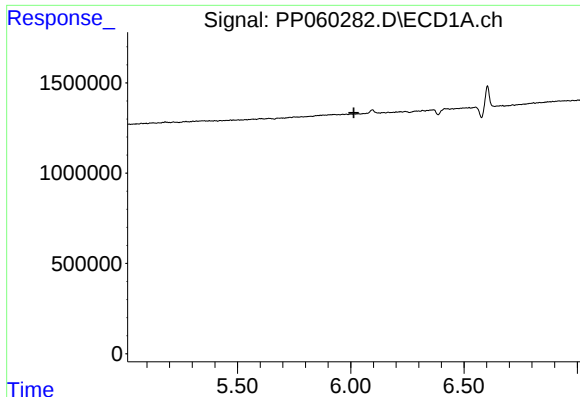
#14 AR-1232-4

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



#14 AR-1232-4

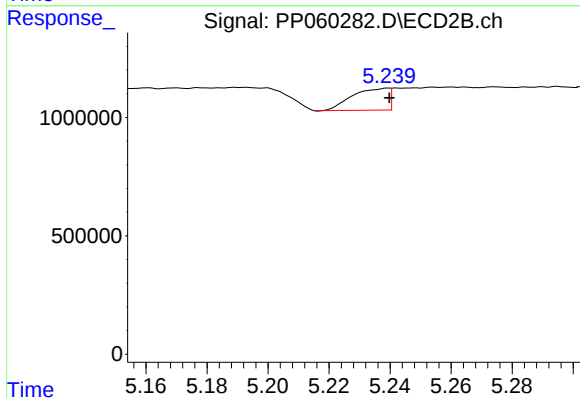
R.T.: 5.069 min
Delta R.T.: 0.003 min
Response: 116269
Conc: 6.23 ng/ml



#15 AR-1232-5

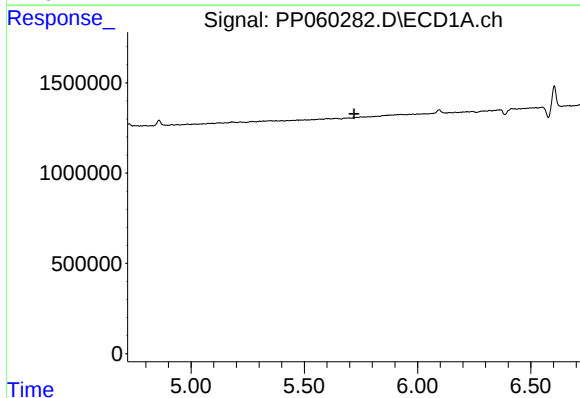
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



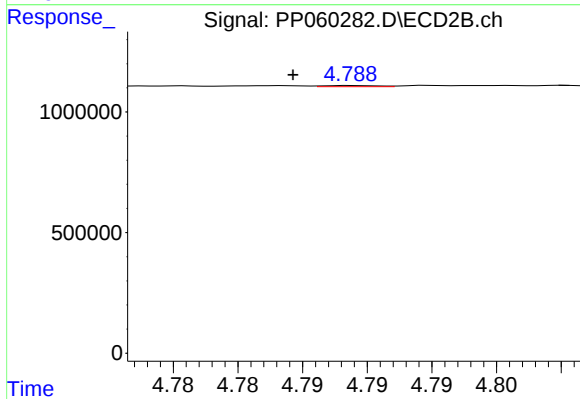
#15 AR-1232-5

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 772211
Conc: 37.13 ng/ml



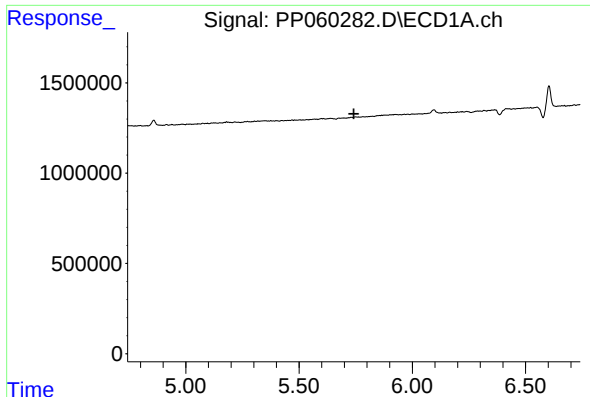
#16 AR-1242-1

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



#16 AR-1242-1

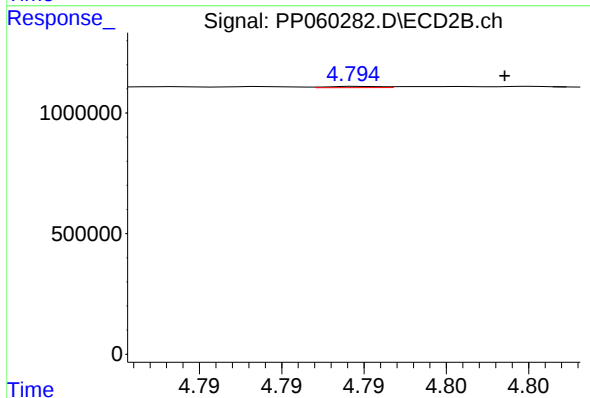
R.T.: 4.789 min
Delta R.T.: 0.005 min
Response: 13698
Conc: 0.27 ng/ml



#17 AR-1242-2

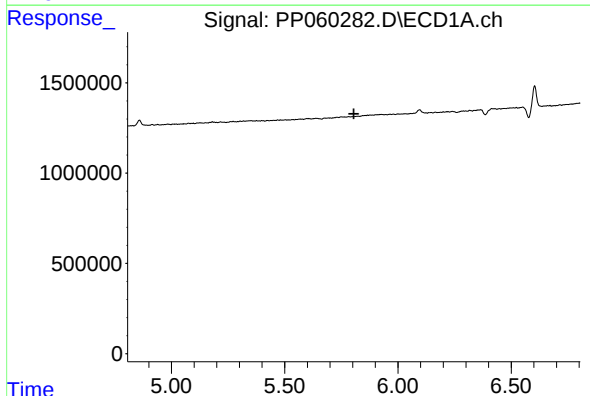
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



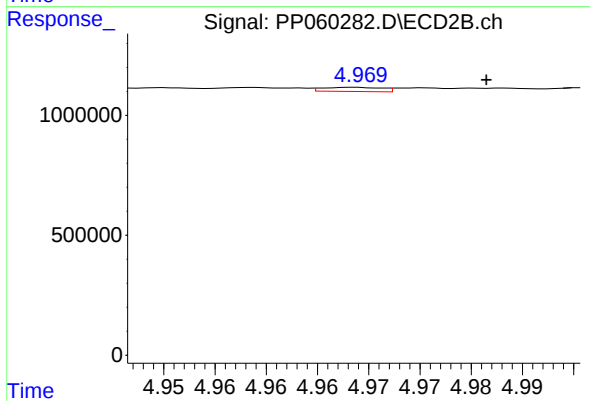
#17 AR-1242-2

R.T.: 4.795 min
Delta R.T.: -0.009 min
Response: 11441
Conc: 0.16 ng/ml



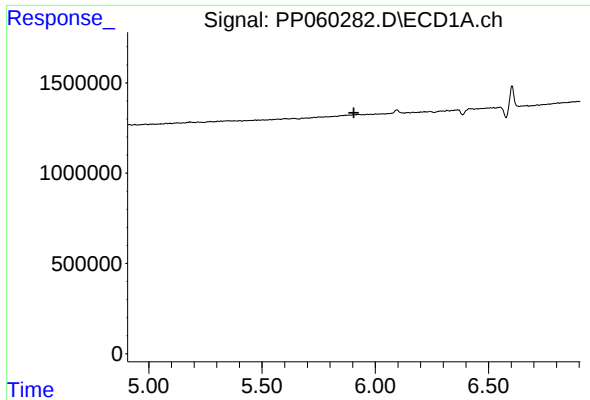
#18 AR-1242-3

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



#18 AR-1242-3

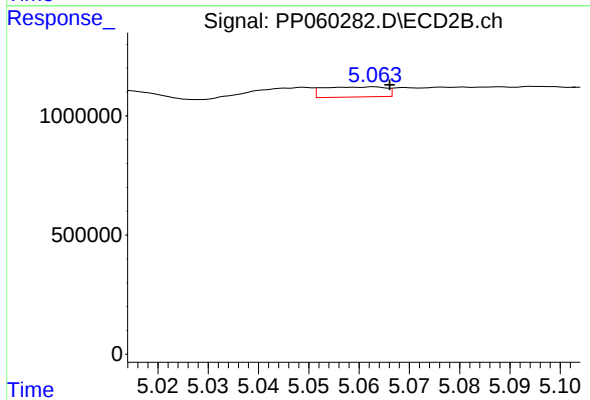
R.T.: 4.969 min
Delta R.T.: -0.013 min
Response: 69717
Conc: 1.81 ng/ml



#19 AR-1242-4

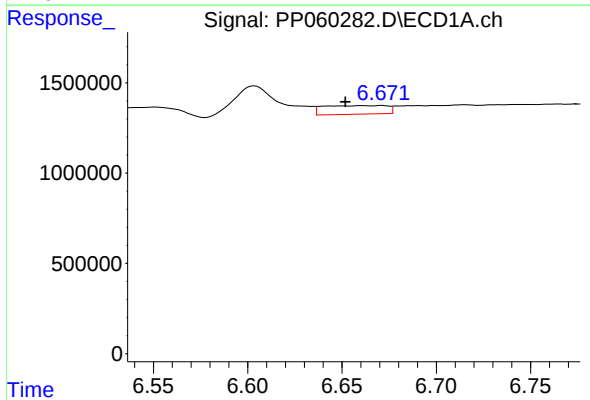
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



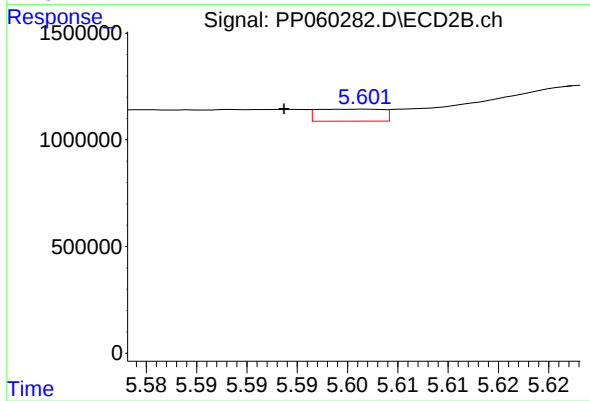
#19 AR-1242-4

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 364447
Conc: 9.25 ng/ml



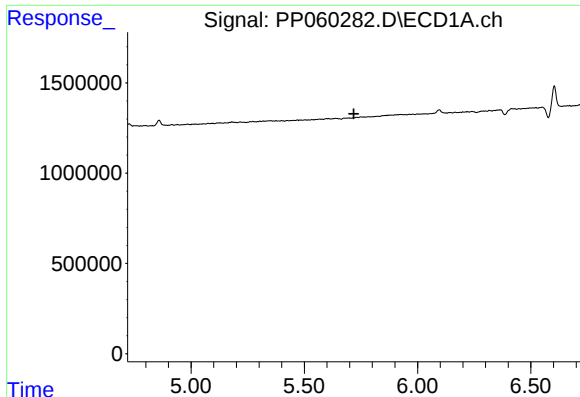
#20 AR-1242-5

R.T.: 6.671 min
Delta R.T.: 0.020 min
Response: 1118278
Conc: 22.23 ng/ml



#20 AR-1242-5

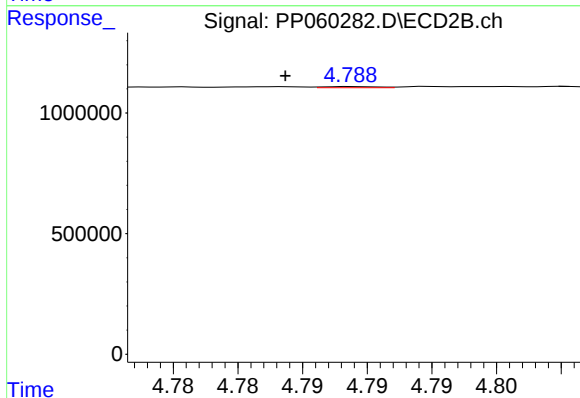
R.T.: 5.602 min
Delta R.T.: 0.008 min
Response: 254746
Conc: 5.21 ng/ml



#21 AR-1248-1

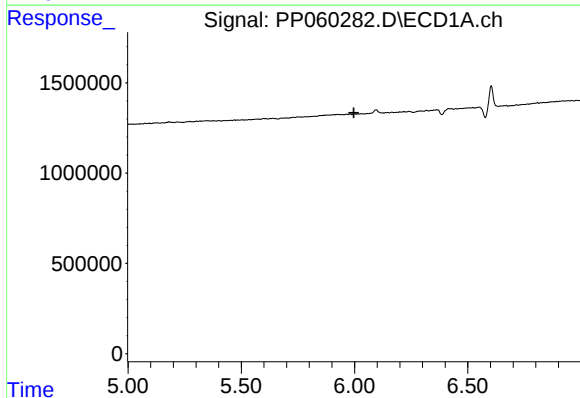
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



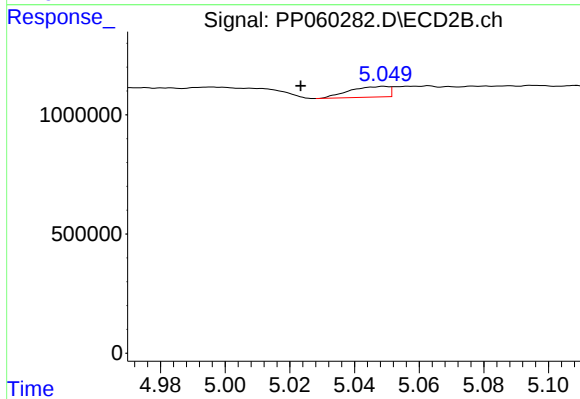
#21 AR-1248-1

R.T.: 4.789 min
Delta R.T.: 0.005 min
Response: 13698
Conc: 0.38 ng/ml



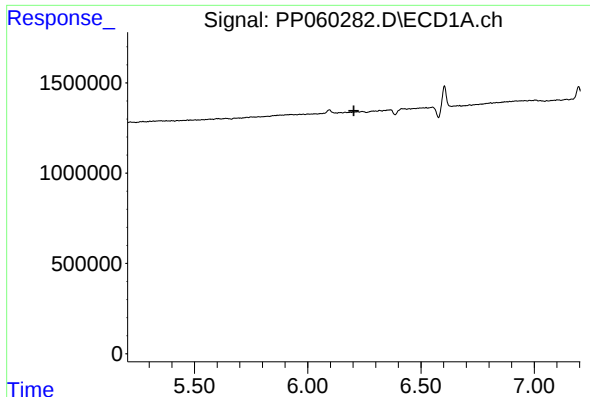
#22 AR-1248-2

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



#22 AR-1248-2

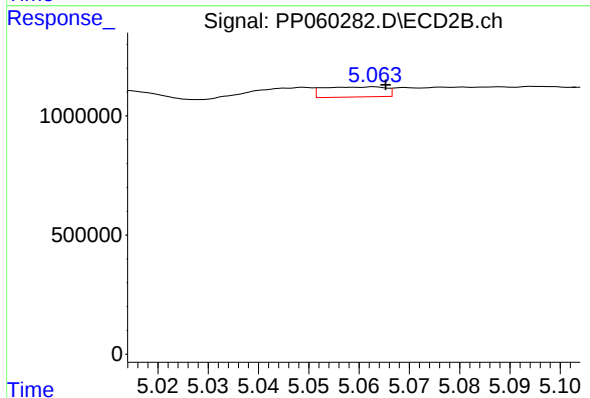
R.T.: 5.049 min
Delta R.T.: 0.026 min
Response: 376363
Conc: 7.20 ng/ml



#23 AR-1248-3

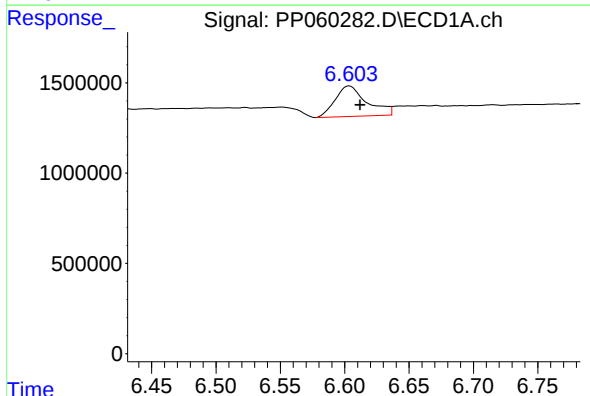
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



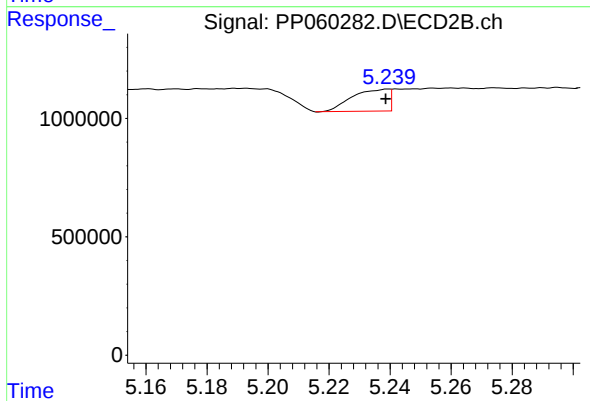
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: -0.002 min
Response: 364447
Conc: 6.56 ng/ml



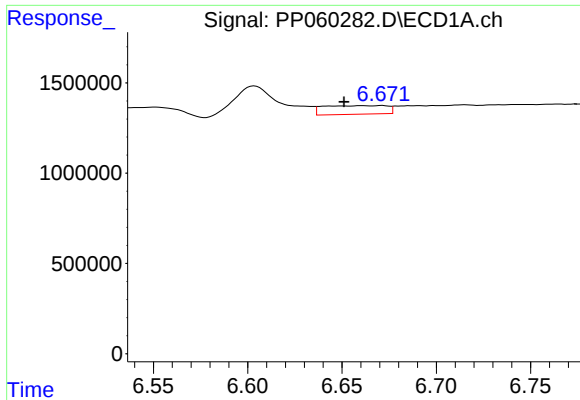
#24 AR-1248-4

R.T.: 6.604 min
Delta R.T.: -0.008 min
Response: 2891180
Conc: 34.96 ng/ml



#24 AR-1248-4

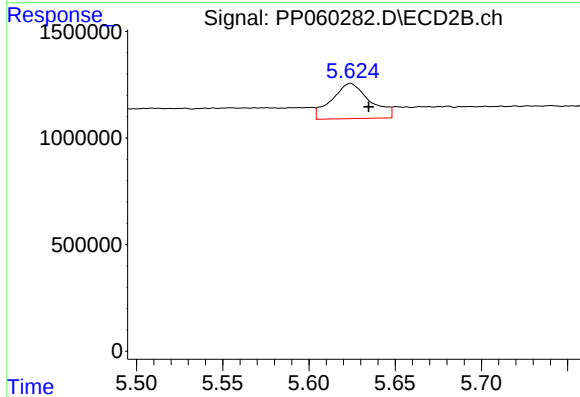
R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 772211
Conc: 11.73 ng/ml



#25 AR-1248-5

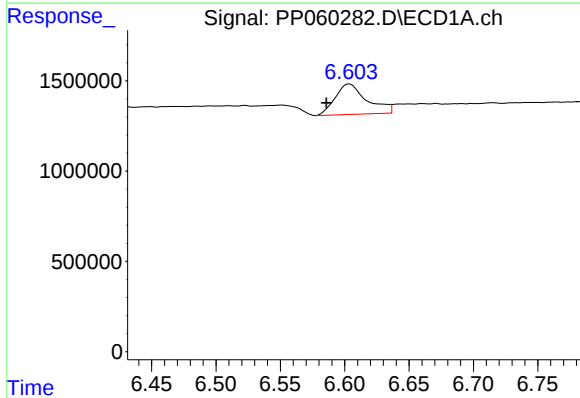
R.T.: 6.671 min
Delta R.T.: 0.020 min
Response: 1118278
Conc: 13.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



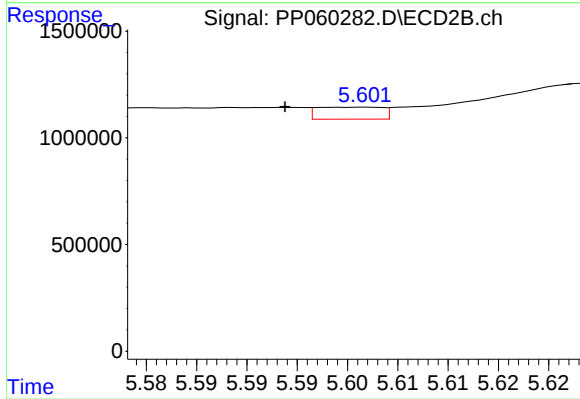
#25 AR-1248-5

R.T.: 5.624 min
Delta R.T.: -0.011 min
Response: 2533856
Conc: 39.39 ng/ml



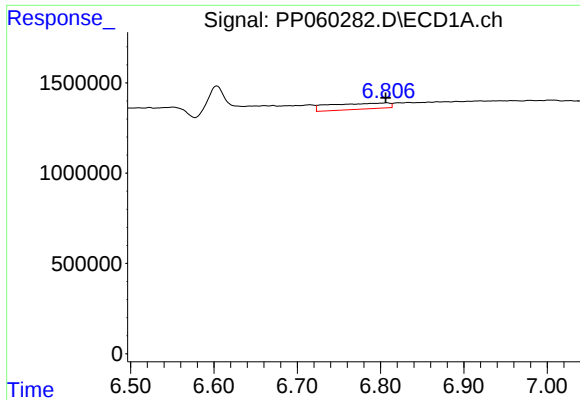
#26 AR-1254-1

R.T.: 6.604 min
Delta R.T.: 0.018 min
Response: 2891180
Conc: 33.88 ng/ml



#26 AR-1254-1

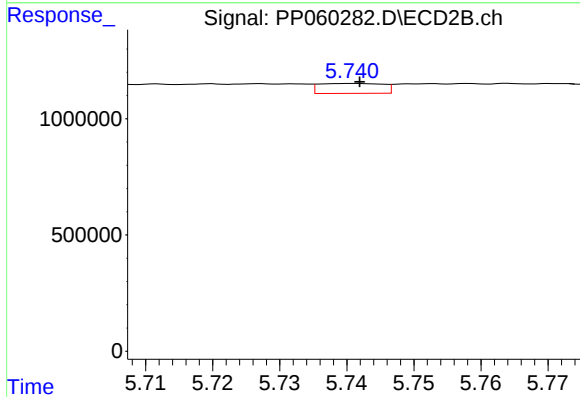
R.T.: 5.602 min
Delta R.T.: 0.008 min
Response: 254746
Conc: 2.58 ng/ml



#27 AR-1254-2

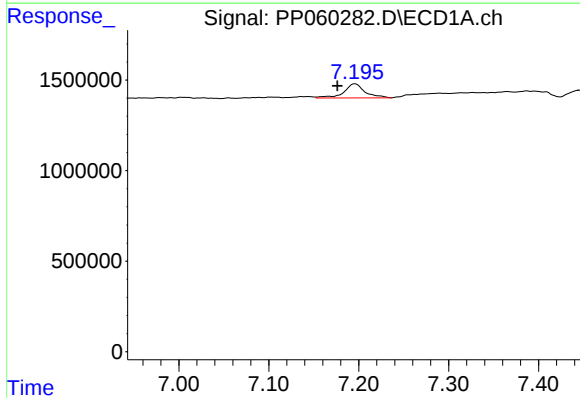
R.T.: 6.808 min
Delta R.T.: 0.001 min
Response: 1660137
Conc: 13.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



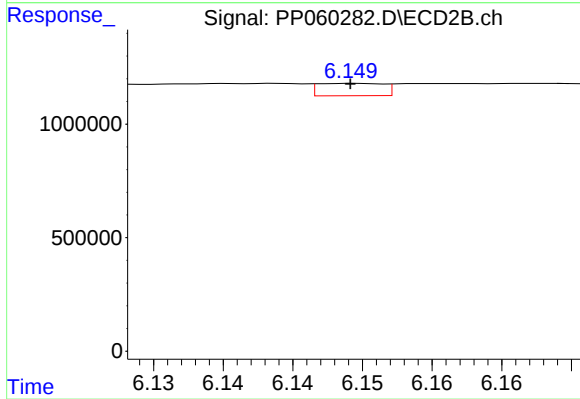
#27 AR-1254-2

R.T.: 5.741 min
Delta R.T.: -0.001 min
Response: 282547
Conc: 3.29 ng/ml



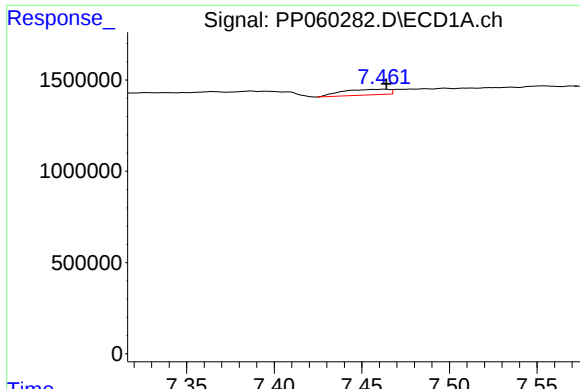
#28 AR-1254-3

R.T.: 7.196 min
Delta R.T.: 0.019 min
Response: 1283787
Conc: 9.66 ng/ml



#28 AR-1254-3

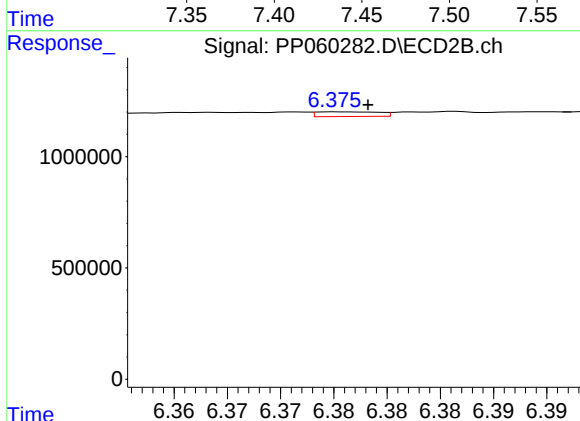
R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 178027
Conc: 1.24 ng/ml



#29 AR-1254-4

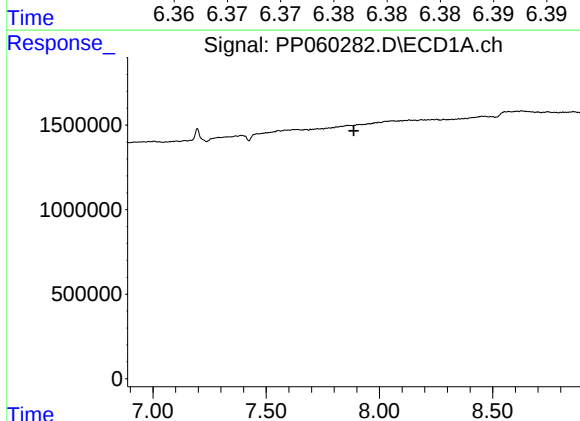
R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 579390
Conc: 5.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



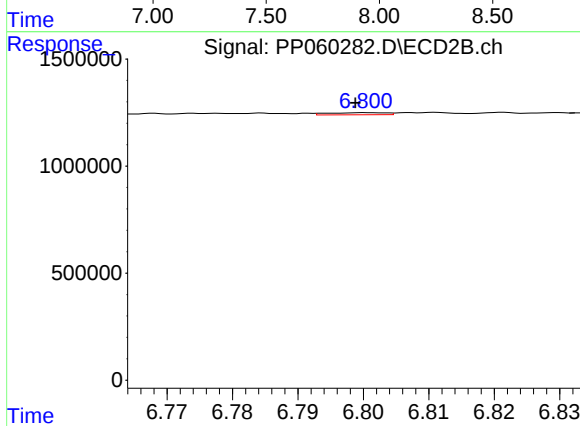
#29 AR-1254-4

R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 85760
Conc: 0.98 ng/ml



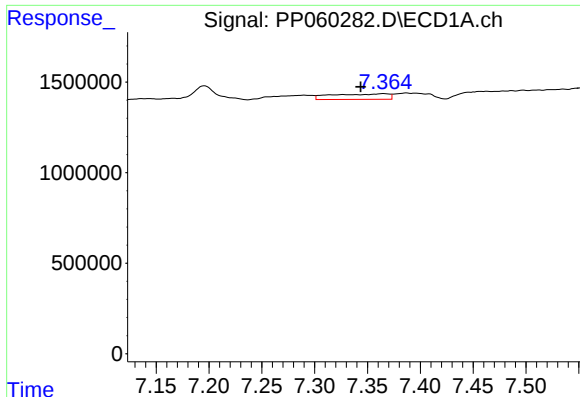
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.887 min
Response: 0
Conc: N.D.



#30 AR-1254-5

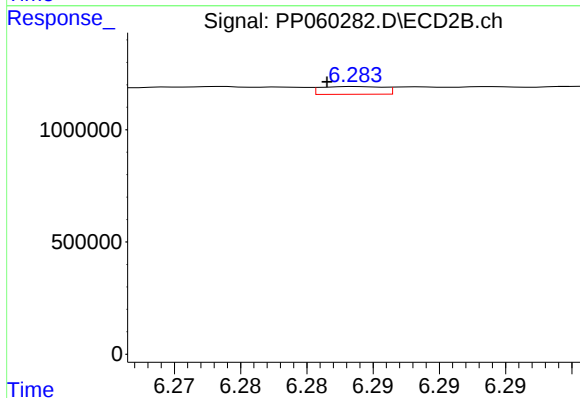
R.T.: 6.801 min
Delta R.T.: 0.002 min
Response: 60964
Conc: 0.48 ng/ml



#31 AR-1260-1

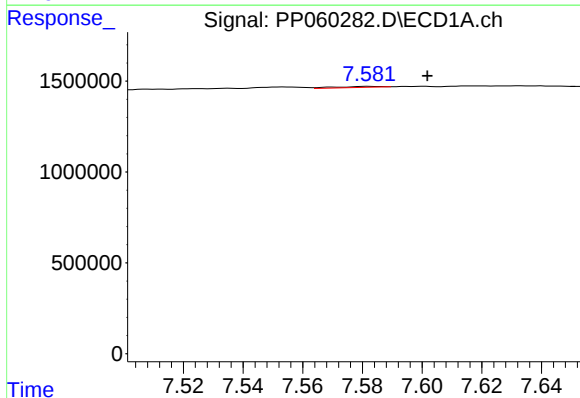
R.T.: 7.365 min
Delta R.T.: 0.022 min
Response: 1141530
Conc: 10.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



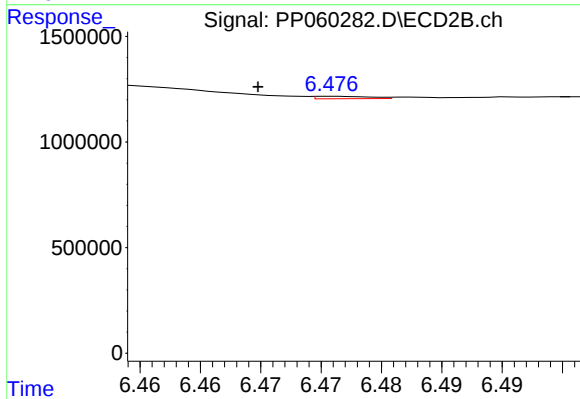
#31 AR-1260-1

R.T.: 6.284 min
Delta R.T.: 0.002 min
Response: 114972
Conc: 1.15 ng/ml



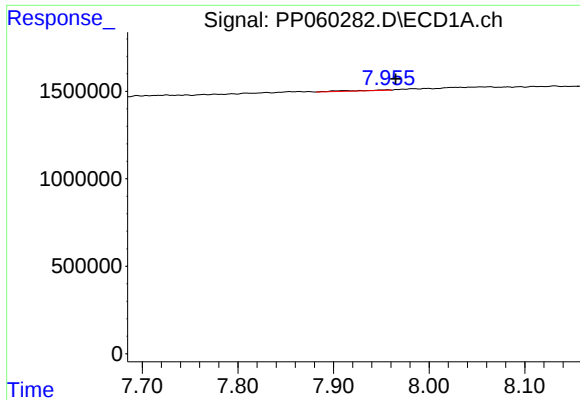
#32 AR-1260-2

R.T.: 7.582 min
Delta R.T.: -0.019 min
Response: 60435
Conc: 0.50 ng/ml



#32 AR-1260-2

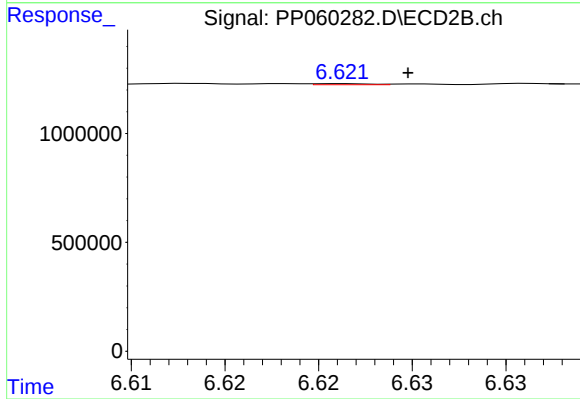
R.T.: 6.476 min
Delta R.T.: 0.006 min
Response: 36824
Conc: 0.31 ng/ml



#33 AR-1260-3

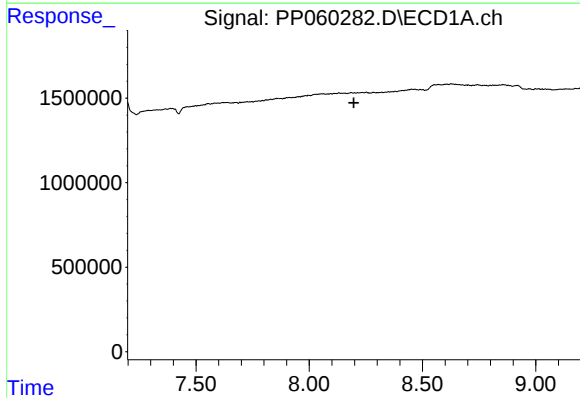
R.T.: 7.957 min
Delta R.T.: -0.009 min
Response: 109503
Conc: 1.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



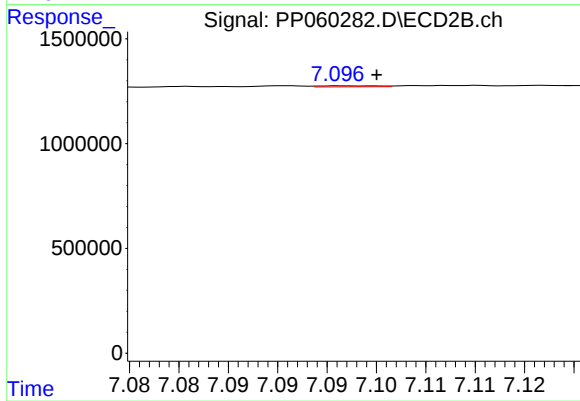
#33 AR-1260-3

R.T.: 6.621 min
Delta R.T.: -0.003 min
Response: 9905
Conc: 0.09 ng/ml



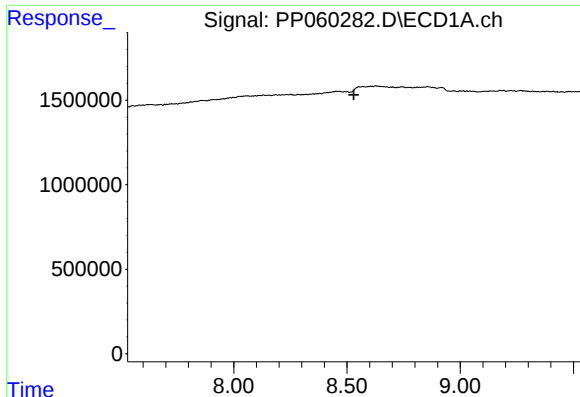
#34 AR-1260-4

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



#34 AR-1260-4

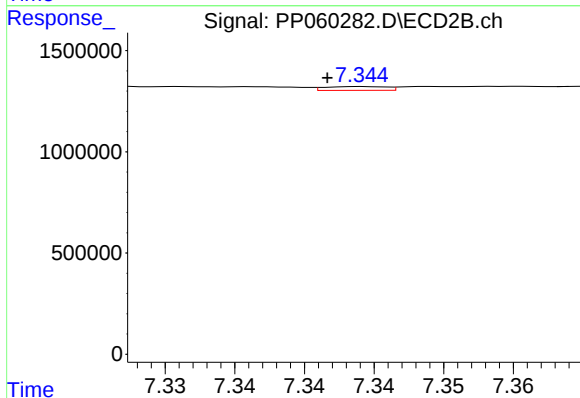
R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 19656
Conc: 0.21 ng/ml



#35 AR-1260-5

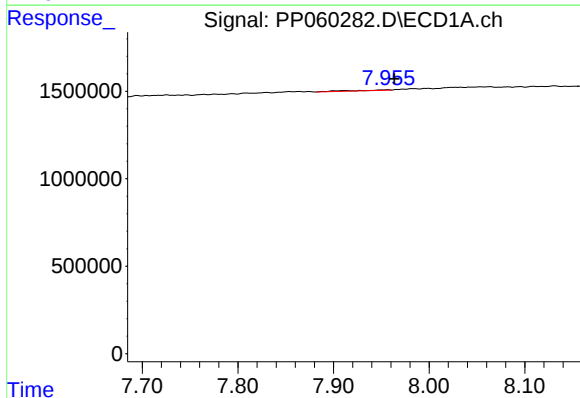
R.T.: 8.552 min
Delta R.T.: 0.022 min
Response: -76772
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



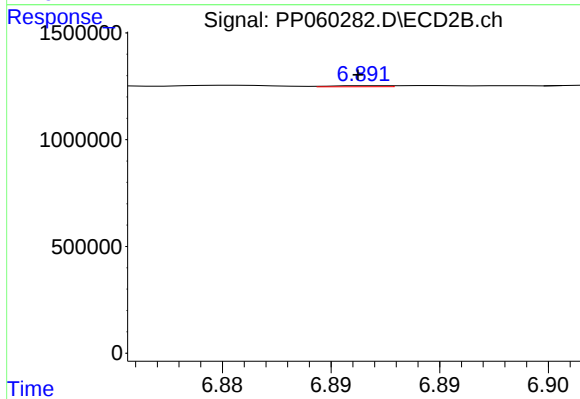
#35 AR-1260-5

R.T.: 7.344 min
Delta R.T.: 0.003 min
Response: 56913
Conc: 0.26 ng/ml



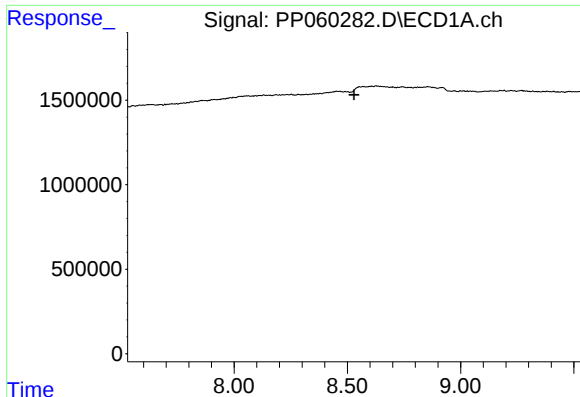
#36 AR-1262-1

R.T.: 7.957 min
Delta R.T.: -0.007 min
Response: 109503
Conc: 0.88 ng/ml



#36 AR-1262-1

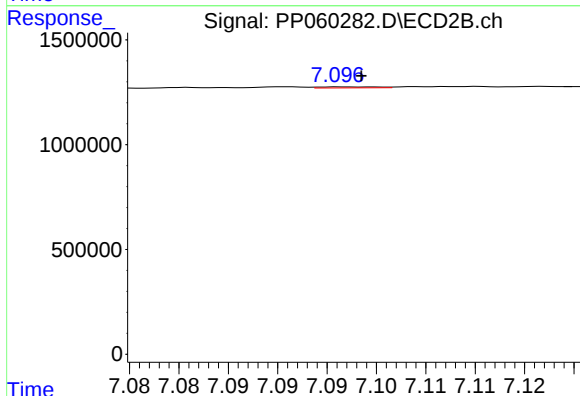
R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 8815
Conc: 0.16 ng/ml



#37 AR-1262-2

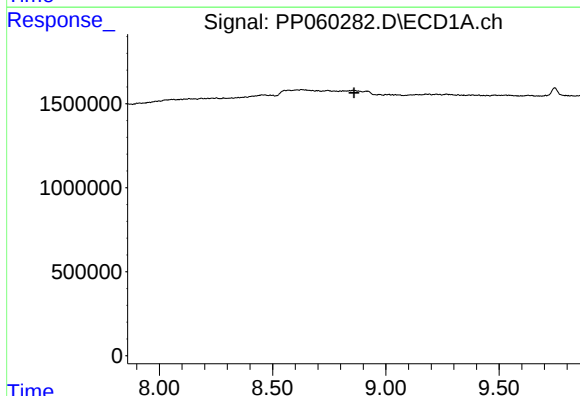
R.T.: 8.552 min
Delta R.T.: 0.023 min
Response: -76772
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



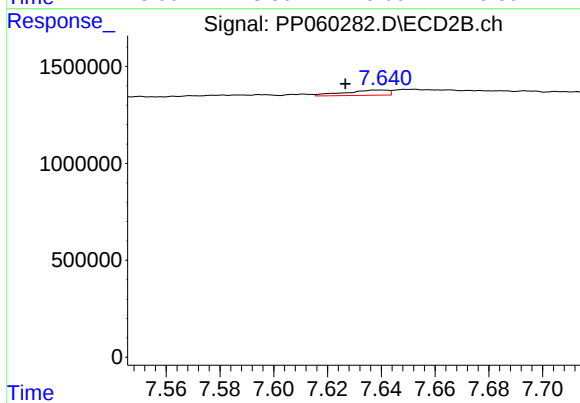
#37 AR-1262-2

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 19656
Conc: 0.17 ng/ml



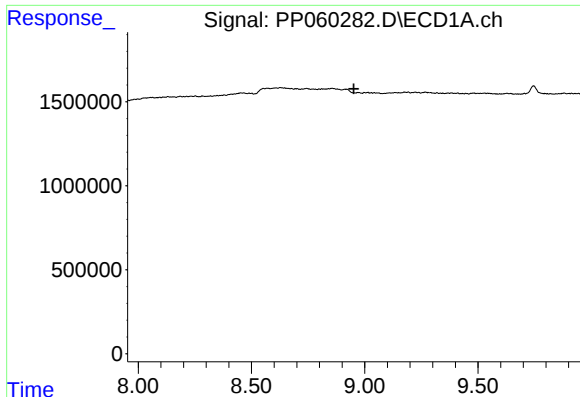
#38 AR-1262-3

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



#38 AR-1262-3

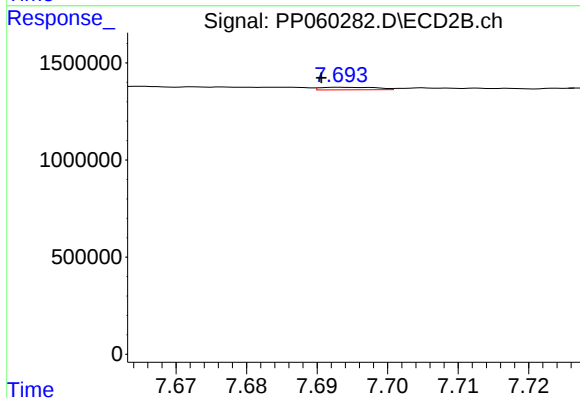
R.T.: 7.641 min
Delta R.T.: 0.014 min
Response: 297825
Conc: 3.23 ng/ml



#39 AR-1262-4

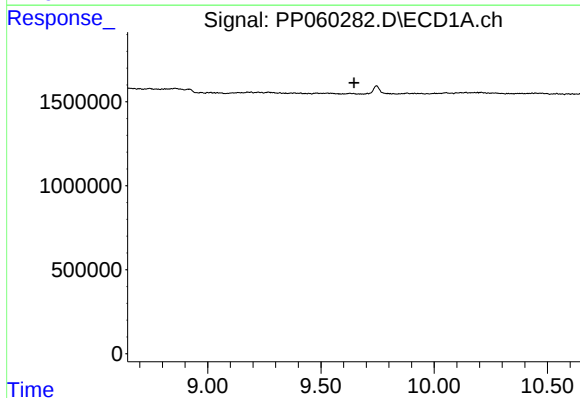
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



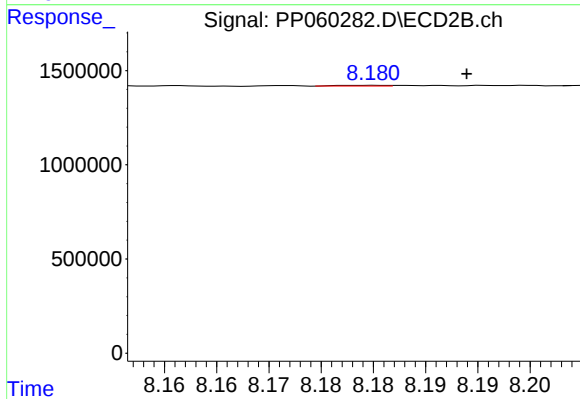
#39 AR-1262-4

R.T.: 7.693 min
Delta R.T.: 0.003 min
Response: 71372
Conc: 0.42 ng/ml



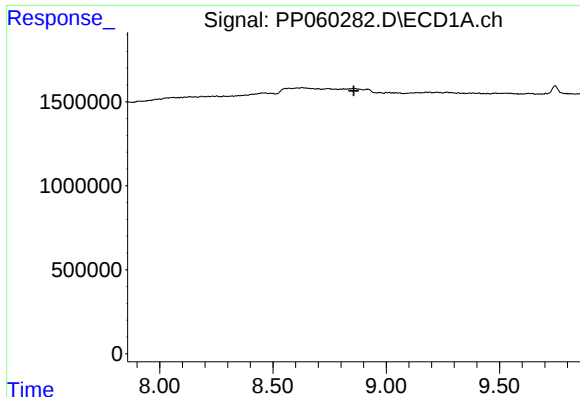
#40 AR-1262-5

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



#40 AR-1262-5

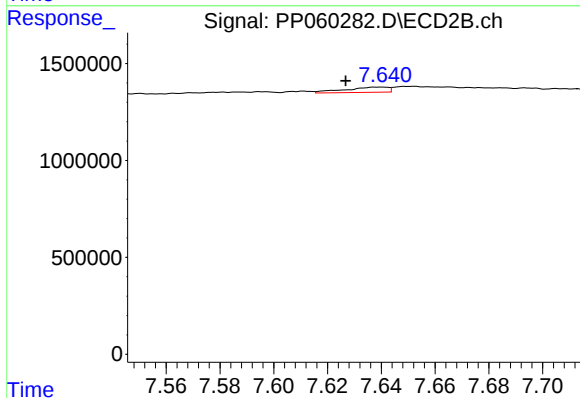
R.T.: 8.180 min
Delta R.T.: -0.009 min
Response: 12422
Conc: 0.16 ng/ml



#41 AR-1268-1

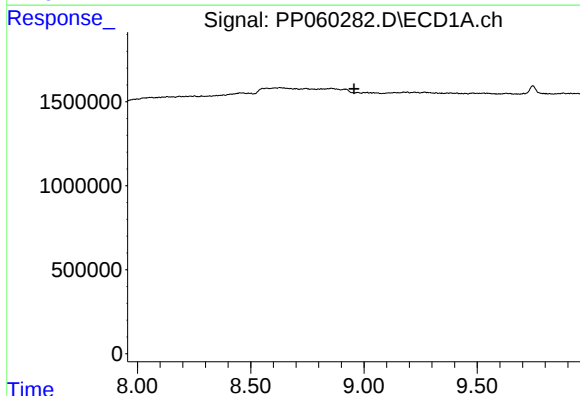
R.T.: 0.000 min
Exp R.T.: 8.856 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



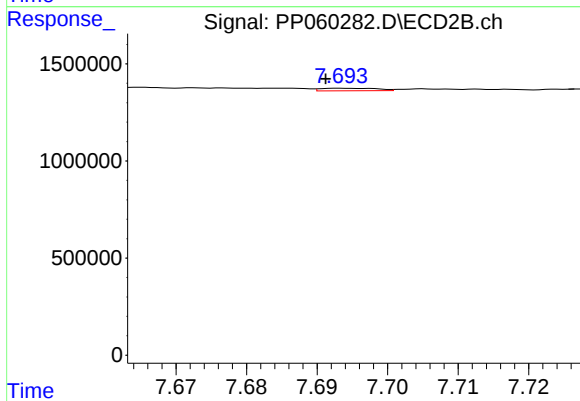
#41 AR-1268-1

R.T.: 7.641 min
Delta R.T.: 0.014 min
Response: 297825
Conc: 1.10 ng/ml



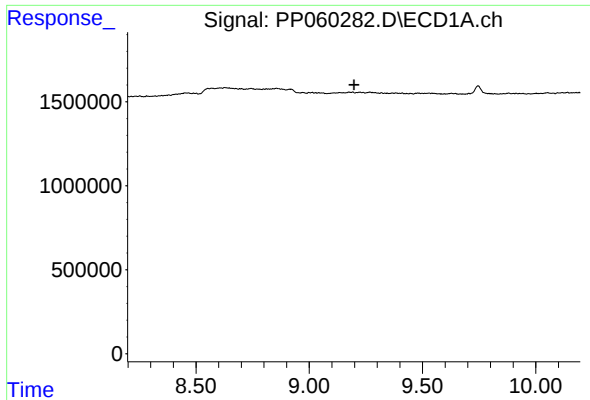
#42 AR-1268-2

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



#42 AR-1268-2

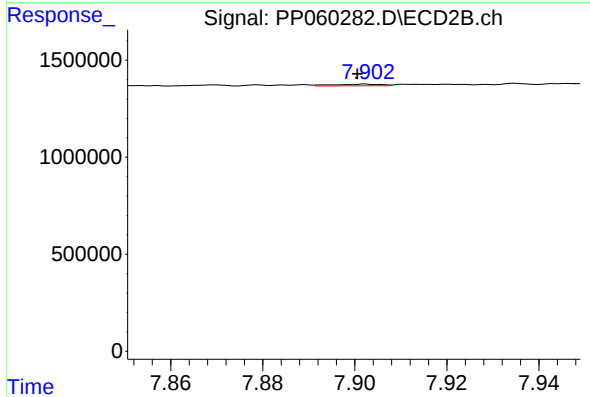
R.T.: 7.693 min
Delta R.T.: 0.002 min
Response: 71372
Conc: 0.29 ng/ml



#43 AR-1268-3

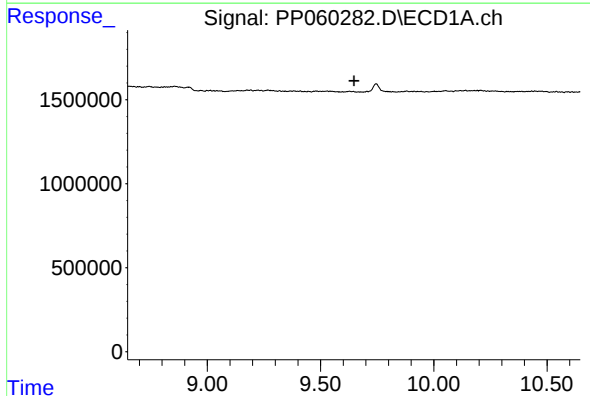
R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



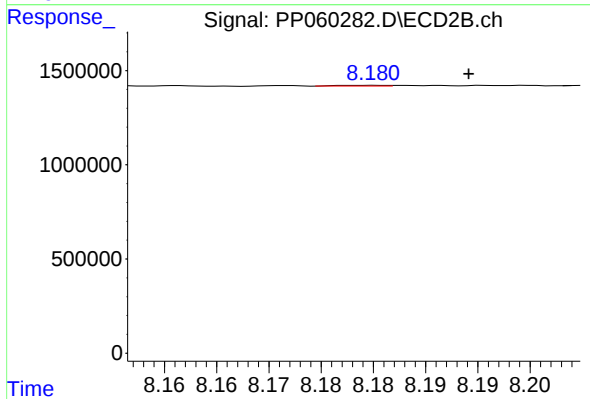
#43 AR-1268-3

R.T.: 7.902 min
Delta R.T.: 0.002 min
Response: 63790
Conc: 0.30 ng/ml



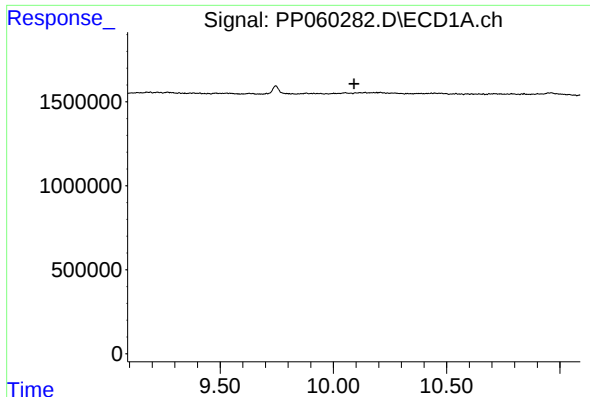
#44 AR-1268-4

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



#44 AR-1268-4

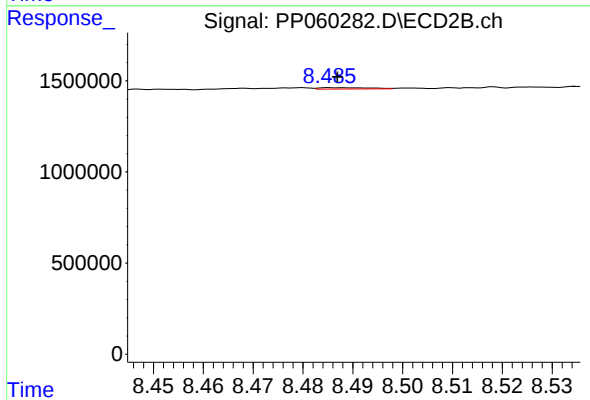
R.T.: 8.180 min
Delta R.T.: -0.009 min
Response: 12422
Conc: 0.14 ng/ml



#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.: 8.485 min
Delta R.T.: -0.002 min
Response: 50946
Conc: 0.08 ng/ml