

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042523\
 Data File : PP057196.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2023 11:47
 Operator : YP\AJ
 Sample : PB152320BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 21:30:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 16:59:40 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...	4.402	3.631	41637040	32158394	18.823	19.036
2)	SA Decachlor...	10.218	8.686	34535344	35744638	21.520	19.981
Target Compounds							
3)	L1 AR-1016-1	5.588	4.724	68968	18585	1.099	0.327 #
4)	L1 AR-1016-2	5.588	4.740	68968	31180	0.756	0.389 #
5)	L1 AR-1016-3	5.652	4.922	458765	10607	7.954	0.244 #
6)	L1 AR-1016-4	5.764	4.976	19045	56666	0.419	1.460 #
7)	L1 AR-1016-5	6.072	5.170	63542	19314	1.319	0.385 #
8)	L2 AR-1221-1	4.608	3.871f	96842	19582	3.628	0.917 #
9)	L2 AR-1221-2	4.710	3.933	589084	604770	30.268	37.607
10)	L2 AR-1221-3	4.777	4.005	39502	19903	0.674	0.405 #
11)	L3 AR-1232-1	4.777	4.005	39502	19903	0.815	0.496 #
12)	L3 AR-1232-2	5.309	4.740	7825	31180	0.315	0.862 #
13)	L3 AR-1232-3	5.588	4.922	68968	10607	1.658	0.552 #
14)	L3 AR-1232-4	5.764	5.001	19045	17213	0.922	0.869
15)	L3 AR-1232-5	5.854	5.170	119527	19314	6.322	0.870 #
16)	L4 AR-1242-1	5.588	4.724	68968	18585	1.347	0.397 #
17)	L4 AR-1242-2	5.588	4.740	68968	31180	0.921	0.480 #
18)	L4 AR-1242-3	5.652	4.922	458765	10607	9.739	0.299 #
19)	L4 AR-1242-4	5.764	5.001	19045	17213	0.511	0.433
20)	L4 AR-1242-5	6.504	5.557f	40026	328133	1.188	7.335 #
21)	L5 AR-1248-1	5.588	4.724	68968	18585	1.794	0.527 #
22)	L5 AR-1248-2	5.854	4.976	119527	56666	1.897	1.021 #
23)	L5 AR-1248-3	6.072	5.001	63542	17213	0.952	0.297 #
24)	L5 AR-1248-4	6.476	5.170	158784	19314	2.683	0.284 #
25)	L5 AR-1248-5	6.504	5.557f	40026	328133	0.689	5.647 #
26)	L6 AR-1254-1	6.444	5.557f	276216	328133	3.657	3.256
28)	L6 AR-1254-3	7.027	6.114f	317772	396146	3.070	2.828
29)	L6 AR-1254-4	7.332f	6.334	156221	98298	2.515	1.305 #
30)	L6 AR-1254-5	7.731	6.750	28185	792013	0.391	6.434 #
31)	L7 AR-1260-1	7.196	6.239f	211424	171800	2.428	1.695 #
32)	L7 AR-1260-2	7.472f	6.395f	147136	251671	1.602	2.165 #
33)	L7 AR-1260-3	7.815	6.560	50911	62611	0.702	0.566
34)	L7 AR-1260-4	8.032	0.000	147300	0	1.753	N.D. #
35)	L7 AR-1260-5	8.360	0.000	153043	0	1.066	N.D. #
36)	L8 AR-1262-1	7.815	0.000	50911	0	0.504	N.D. #
37)	L8 AR-1262-2	8.360	0.000	153043	0	1.046	N.D. #
38)	L8 AR-1262-3	8.674	7.564	28301	506568	0.264	5.590 #
39)	L8 AR-1262-4	8.762	0.000	106520	0	1.274	N.D. #
40)	L8 AR-1262-5	9.435	0.000	27218	0	0.568	N.D. #
41)	L9 AR-1268-1	8.674	7.564	28301	506568	0.134	1.824 #
42)	L9 AR-1268-2	8.762f	0.000	106520	0	0.595	N.D. #

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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
43) L9	AR-1268-3	9.013	7.844	22464	92850	0.127	0.420 #
44) L9	AR-1268-4	9.435	0.000	27218	0	0.480	N.D. #
45) L9	AR-1268-5	9.873	8.426	256694	202888	0.540	0.343 #

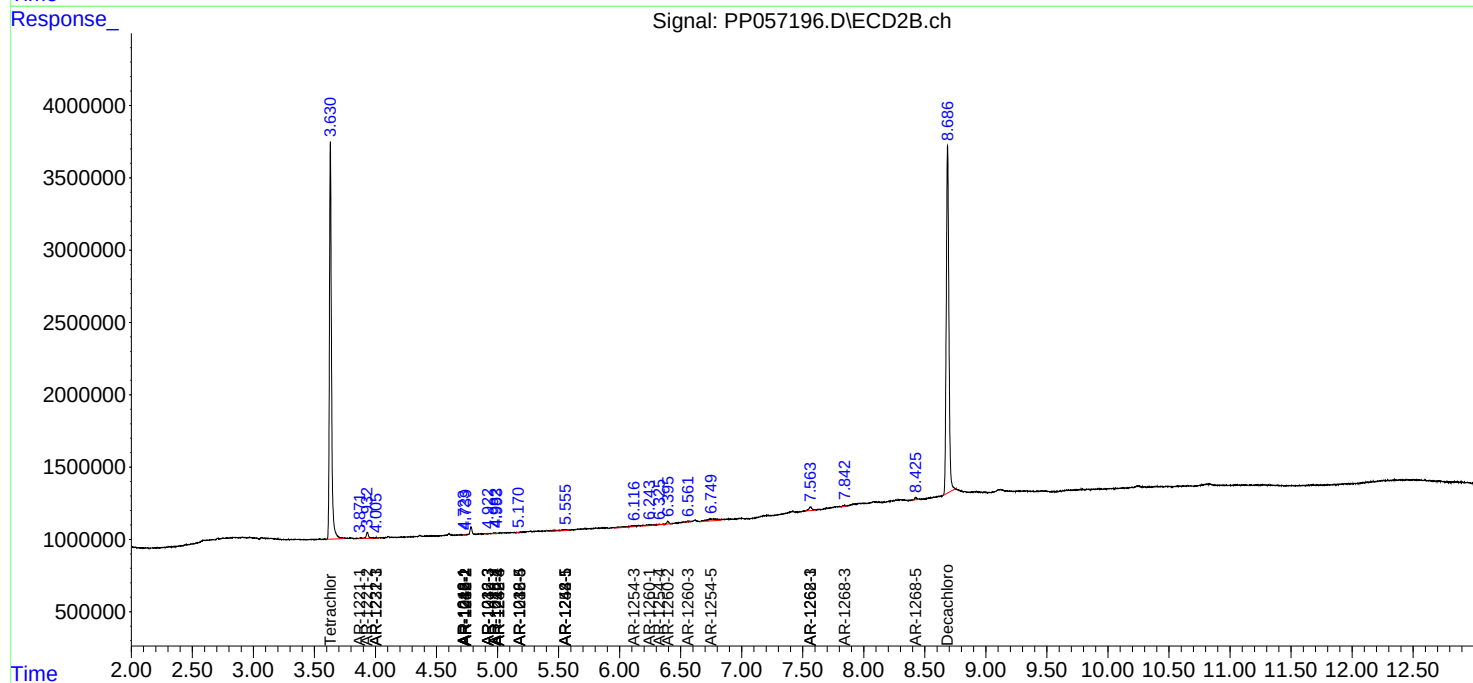
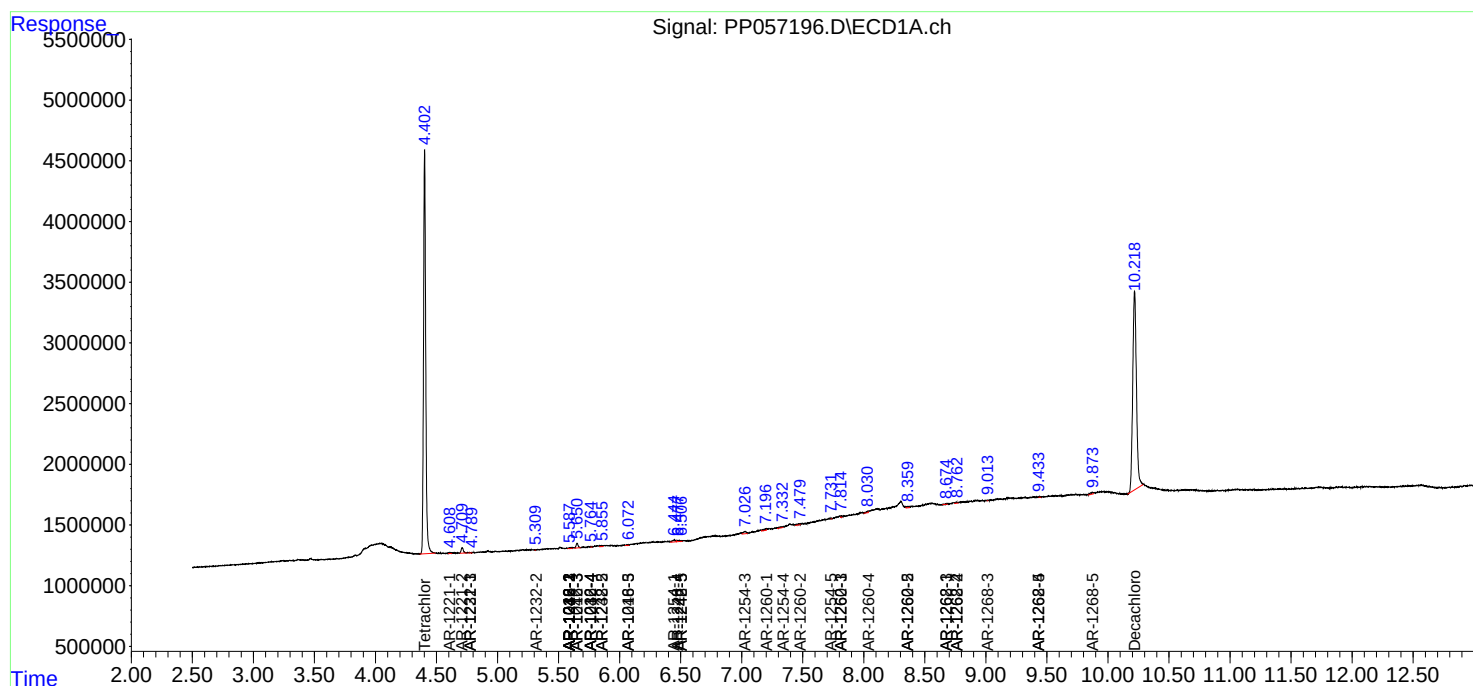
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

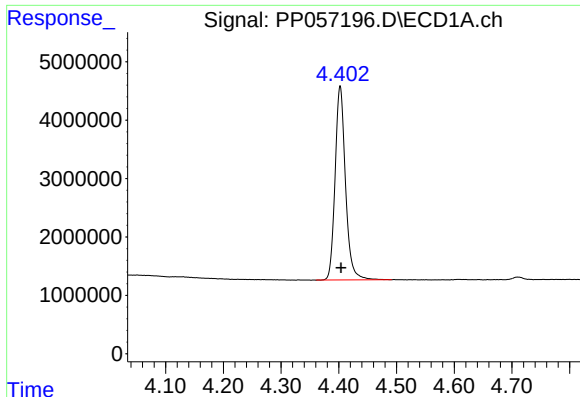
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

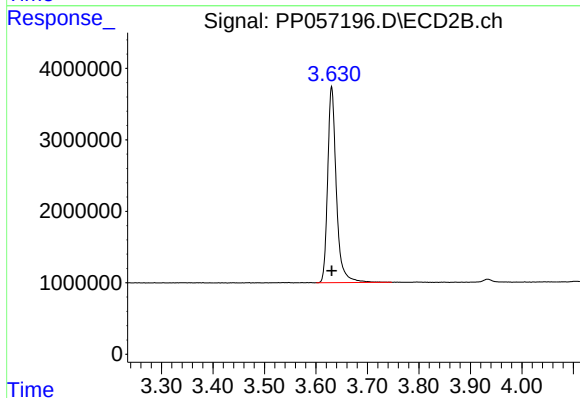




#1 Tetrachloro-m-xylene

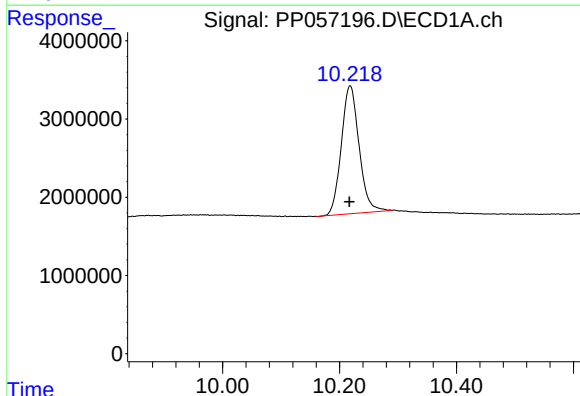
R.T.: 4.402 min
Delta R.T.: -0.002 min
Response: 41637040
Conc: 18.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



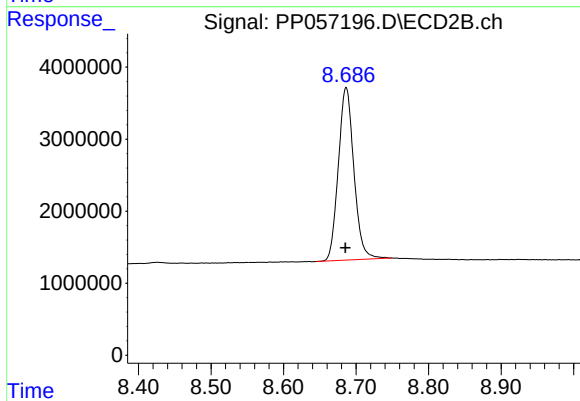
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 32158394
Conc: 19.04 ng/ml



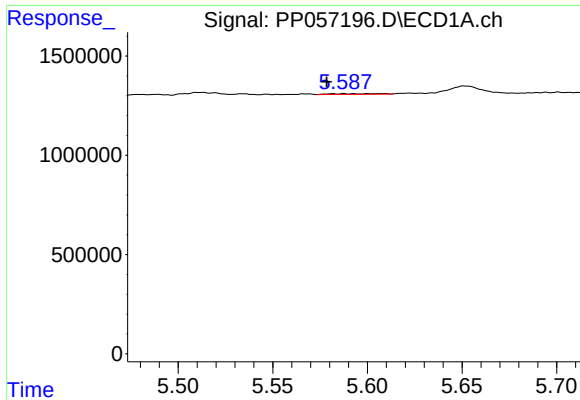
#2 Decachlorobiphenyl

R.T.: 10.218 min
Delta R.T.: 0.001 min
Response: 34535344
Conc: 21.52 ng/ml



#2 Decachlorobiphenyl

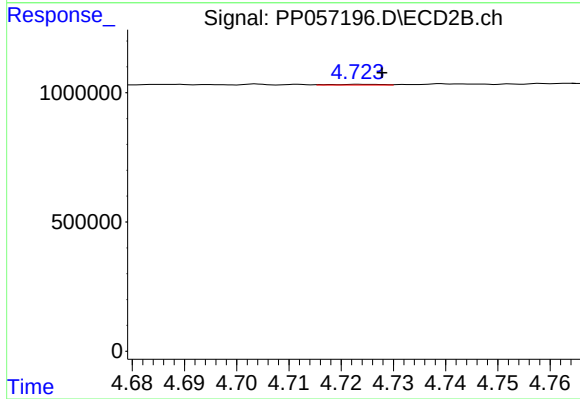
R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 35744638
Conc: 19.98 ng/ml



#3 AR-1016-1

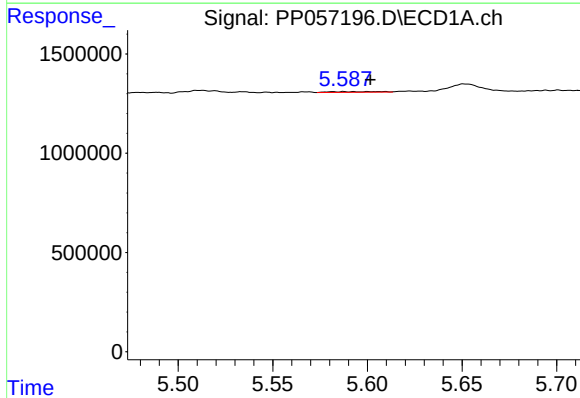
R.T.: 5.588 min
Delta R.T.: 0.009 min
Response: 68968
Conc: 1.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



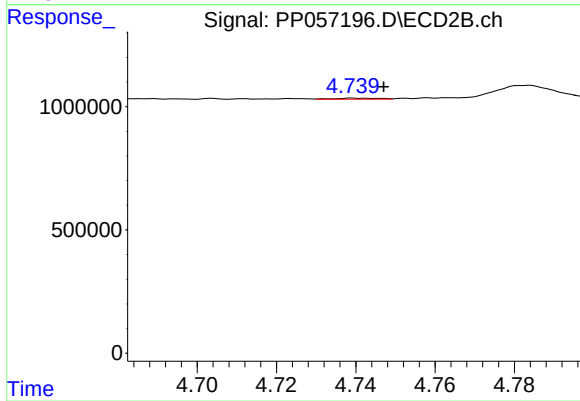
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 18585
Conc: 0.33 ng/ml



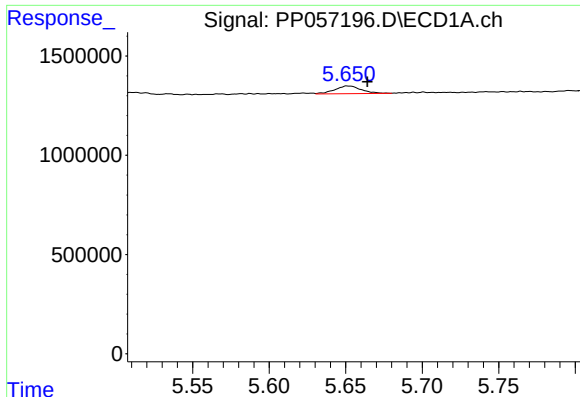
#4 AR-1016-2

R.T.: 5.588 min
Delta R.T.: -0.014 min
Response: 68968
Conc: 0.76 ng/ml



#4 AR-1016-2

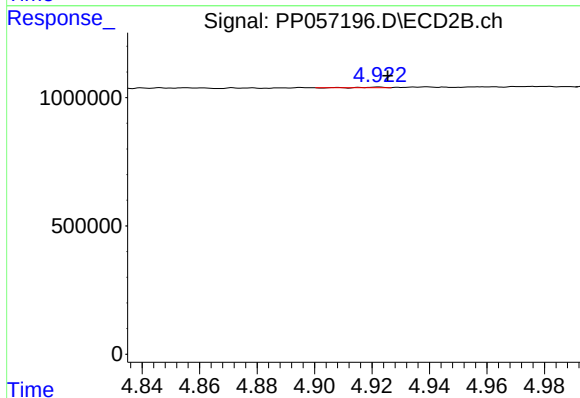
R.T.: 4.740 min
Delta R.T.: -0.007 min
Response: 31180
Conc: 0.39 ng/ml



#5 AR-1016-3

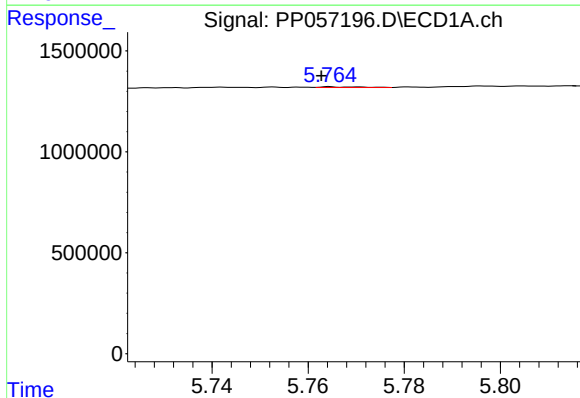
R.T.: 5.652 min
Delta R.T.: -0.012 min
Response: 458765
Conc: 7.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



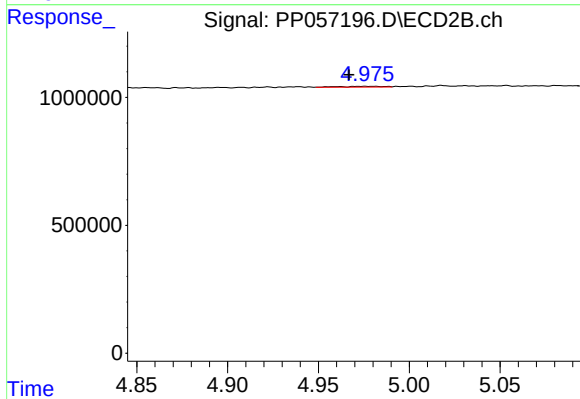
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: -0.003 min
Response: 10607
Conc: 0.24 ng/ml



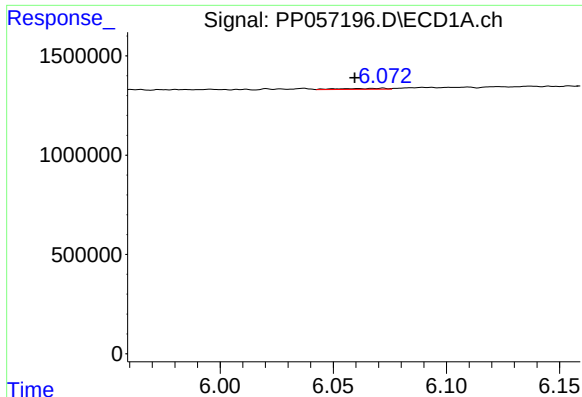
#6 AR-1016-4

R.T.: 5.764 min
Delta R.T.: 0.002 min
Response: 19045
Conc: 0.42 ng/ml



#6 AR-1016-4

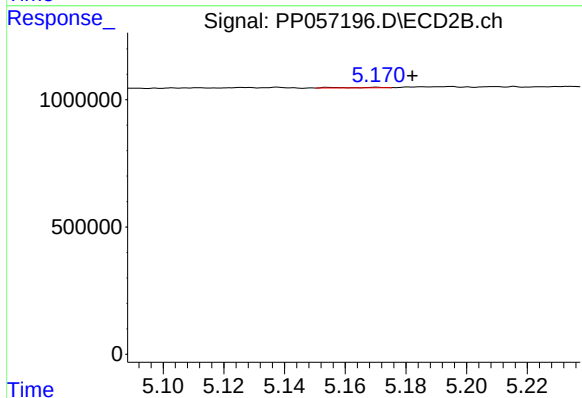
R.T.: 4.976 min
Delta R.T.: 0.009 min
Response: 56666
Conc: 1.46 ng/ml



#7 AR-1016-5

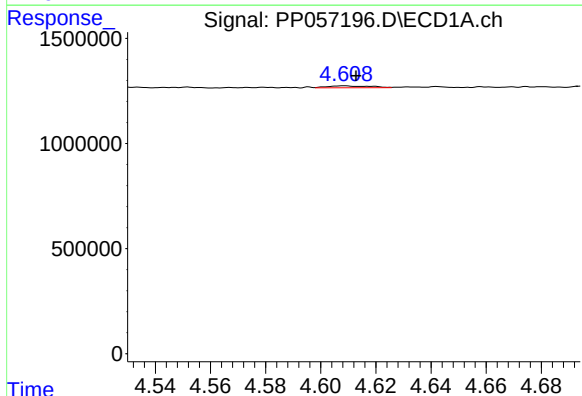
R.T.: 6.072 min
Delta R.T.: 0.013 min
Response: 63542
Conc: 1.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



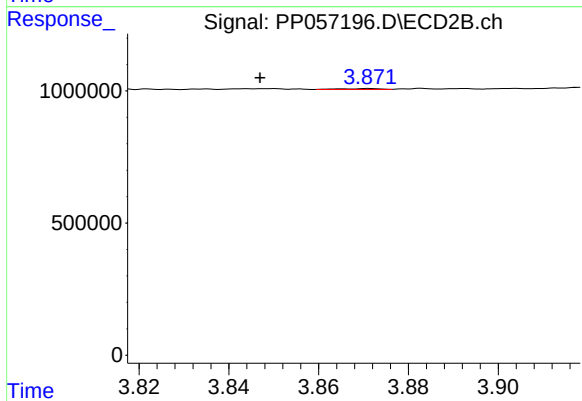
#7 AR-1016-5

R.T.: 5.170 min
Delta R.T.: -0.012 min
Response: 19314
Conc: 0.39 ng/ml



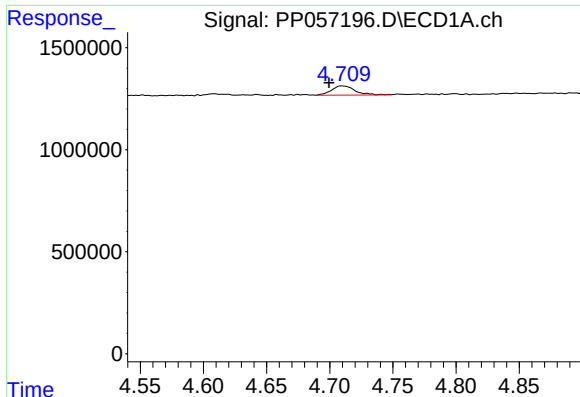
#8 AR-1221-1

R.T.: 4.608 min
Delta R.T.: -0.004 min
Response: 96842
Conc: 3.63 ng/ml



#8 AR-1221-1

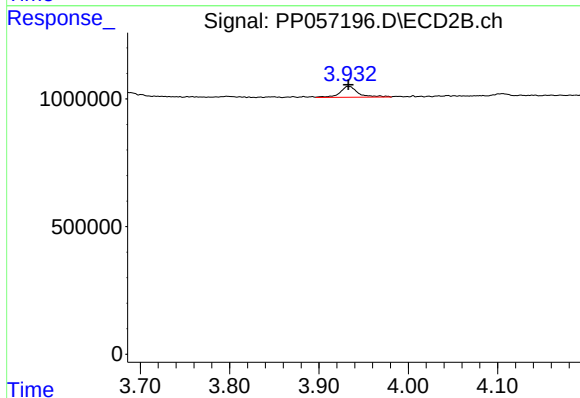
R.T.: 3.871 min
Delta R.T.: 0.024 min
Response: 19582
Conc: 0.92 ng/ml



#9 AR-1221-2

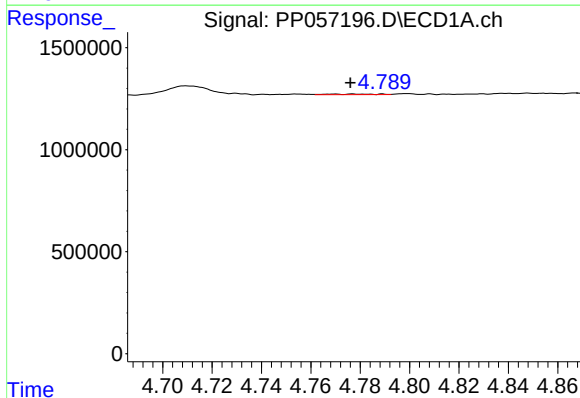
R.T.: 4.710 min
Delta R.T.: 0.011 min
Response: 589084
Conc: 30.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



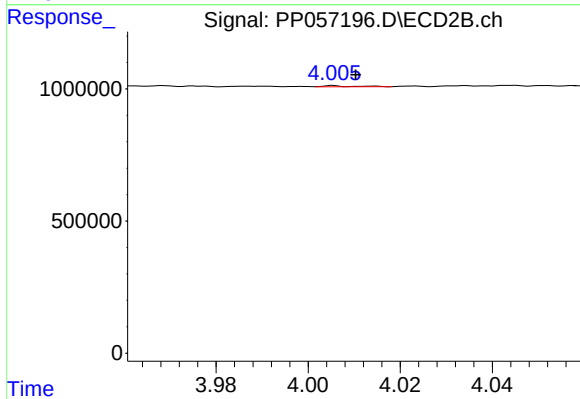
#9 AR-1221-2

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 604770
Conc: 37.61 ng/ml



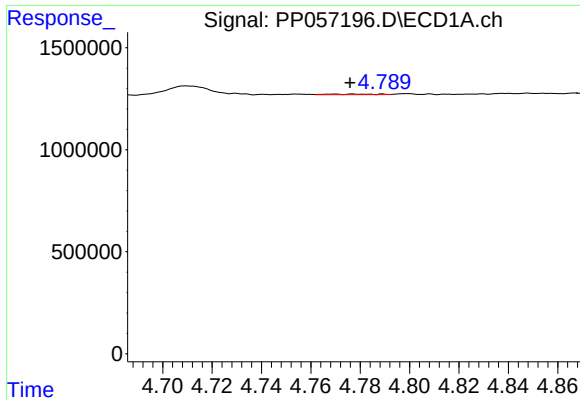
#10 AR-1221-3

R.T.: 4.777 min
Delta R.T.: 0.001 min
Response: 39502
Conc: 0.67 ng/ml



#10 AR-1221-3

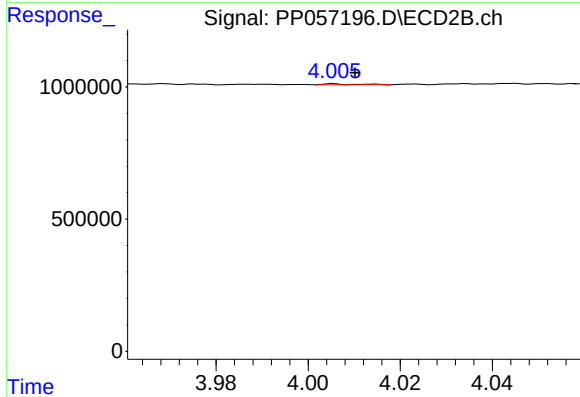
R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 19903
Conc: 0.40 ng/ml



#11 AR-1232-1

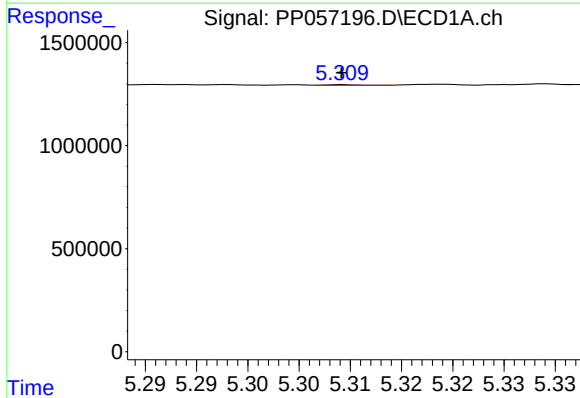
R.T.: 4.777 min
Delta R.T.: 0.001 min
Response: 39502
Conc: 0.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



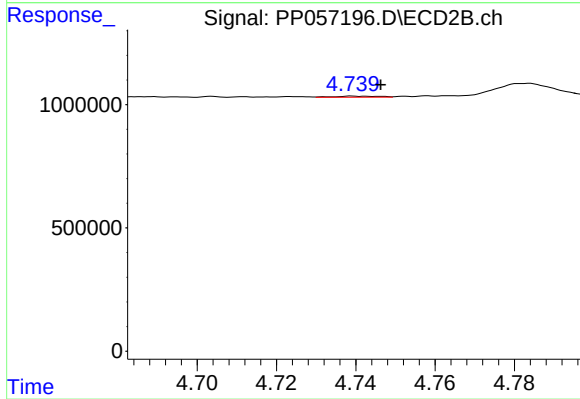
#11 AR-1232-1

R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 19903
Conc: 0.50 ng/ml



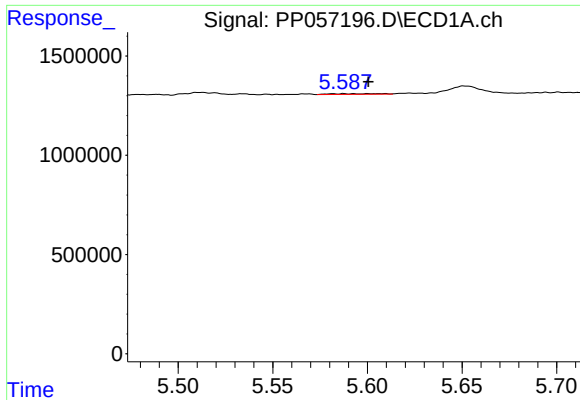
#12 AR-1232-2

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 7825
Conc: 0.32 ng/ml



#12 AR-1232-2

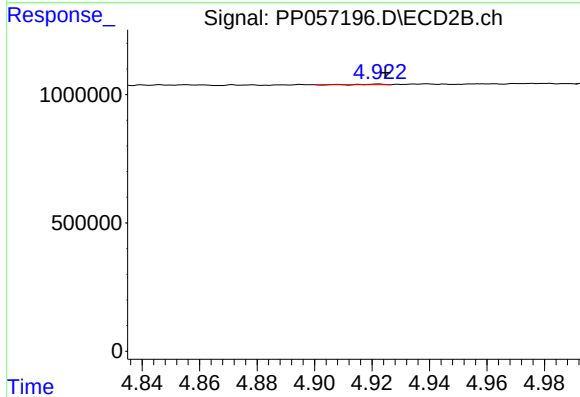
R.T.: 4.740 min
Delta R.T.: -0.007 min
Response: 31180
Conc: 0.86 ng/ml



#13 AR-1232-3

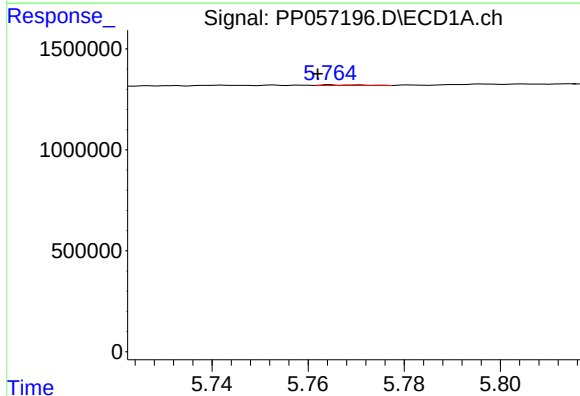
R.T.: 5.588 min
Delta R.T.: -0.013 min
Response: 68968
Conc: 1.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



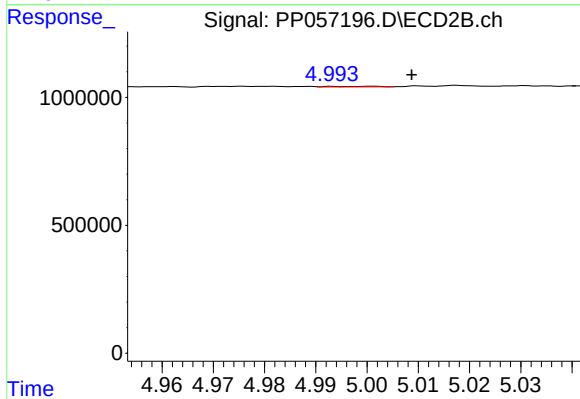
#13 AR-1232-3

R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 10607
Conc: 0.55 ng/ml



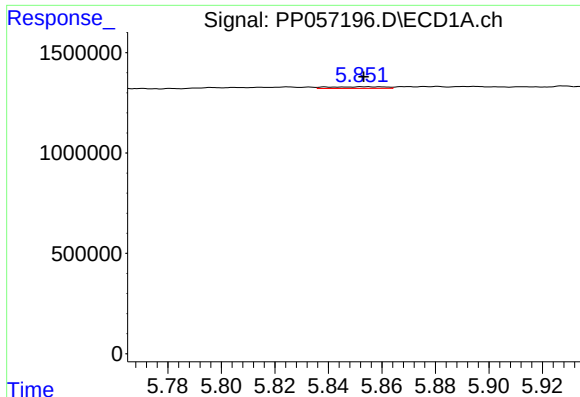
#14 AR-1232-4

R.T.: 5.764 min
Delta R.T.: 0.002 min
Response: 19045
Conc: 0.92 ng/ml



#14 AR-1232-4

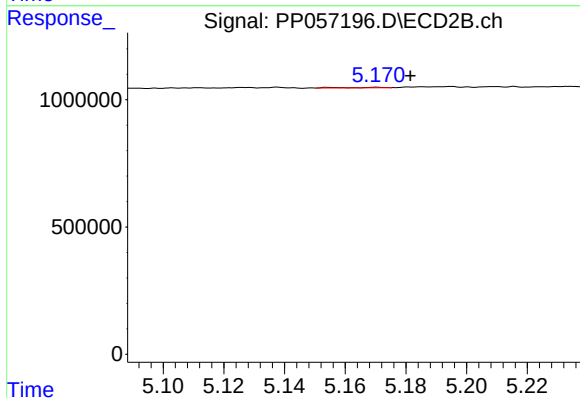
R.T.: 5.001 min
Delta R.T.: -0.008 min
Response: 17213
Conc: 0.87 ng/ml



#15 AR-1232-5

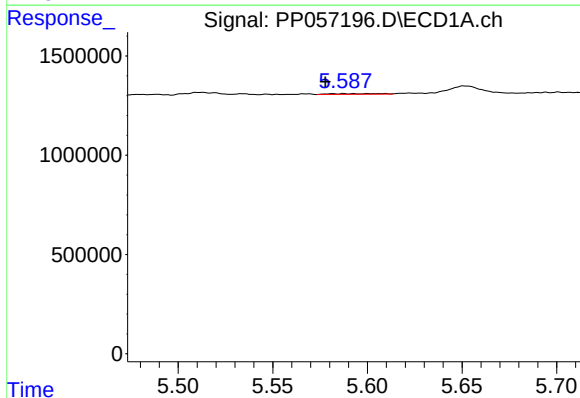
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 119527
Conc: 6.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



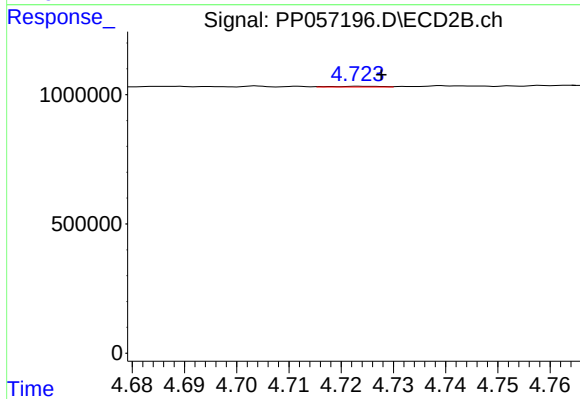
#15 AR-1232-5

R.T.: 5.170 min
Delta R.T.: -0.011 min
Response: 19314
Conc: 0.87 ng/ml



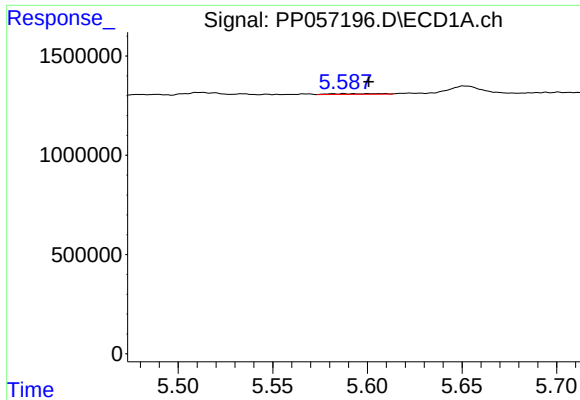
#16 AR-1242-1

R.T.: 5.588 min
Delta R.T.: 0.010 min
Response: 68968
Conc: 1.35 ng/ml



#16 AR-1242-1

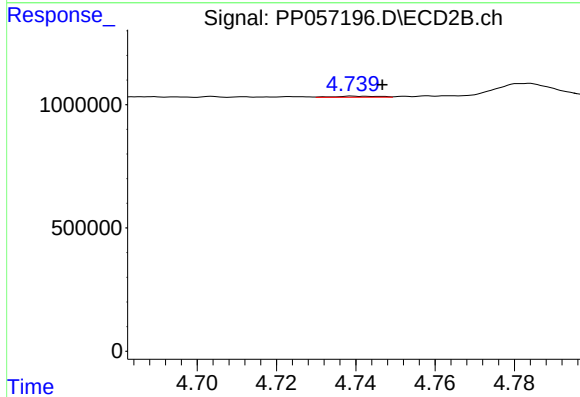
R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 18585
Conc: 0.40 ng/ml



#17 AR-1242-2

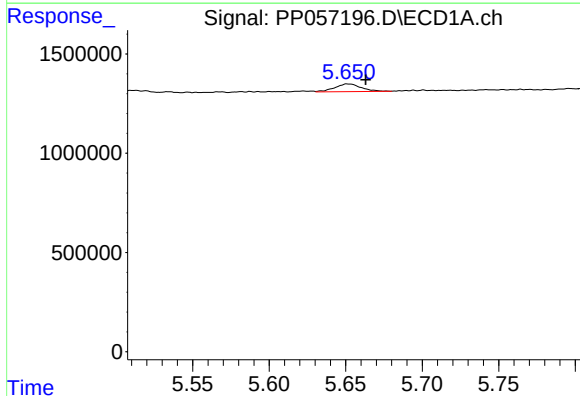
R.T.: 5.588 min
Delta R.T.: -0.013 min
Response: 68968
Conc: 0.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



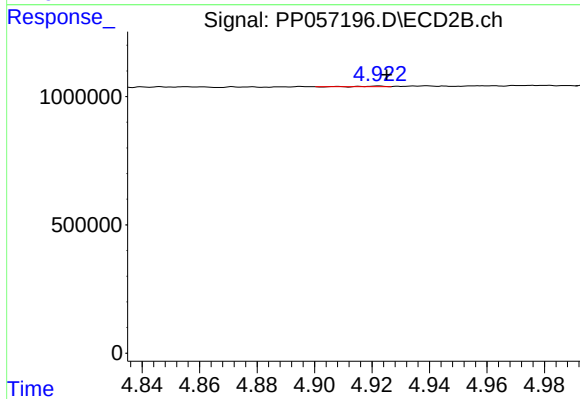
#17 AR-1242-2

R.T.: 4.740 min
Delta R.T.: -0.007 min
Response: 31180
Conc: 0.48 ng/ml



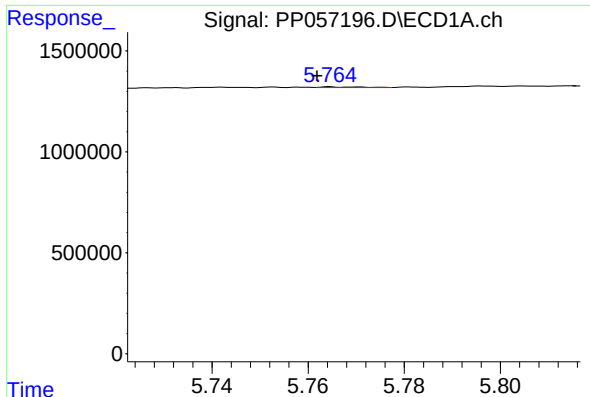
#18 AR-1242-3

R.T.: 5.652 min
Delta R.T.: -0.011 min
Response: 458765
Conc: 9.74 ng/ml



#18 AR-1242-3

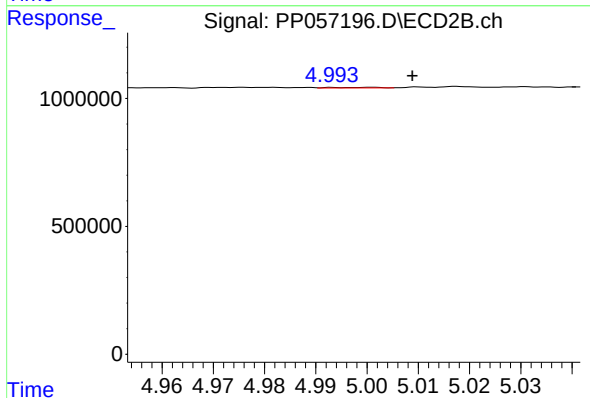
R.T.: 4.922 min
Delta R.T.: -0.003 min
Response: 10607
Conc: 0.30 ng/ml



#19 AR-1242-4

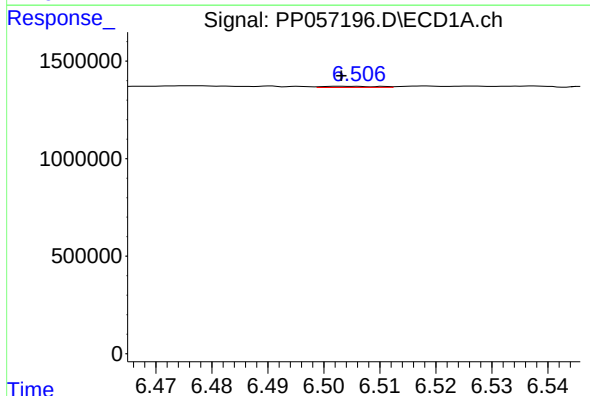
R.T.: 5.764 min
Delta R.T.: 0.003 min
Response: 19045
Conc: 0.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



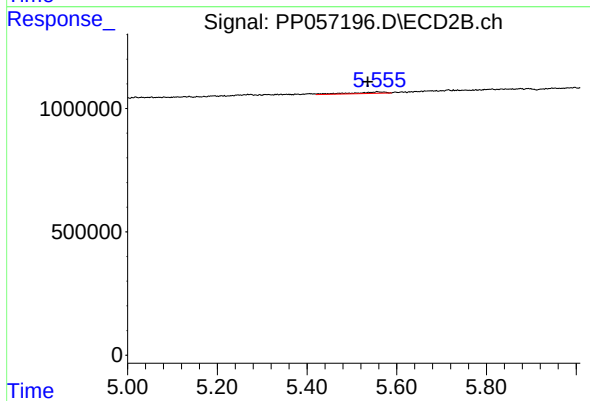
#19 AR-1242-4

R.T.: 5.001 min
Delta R.T.: -0.008 min
Response: 17213
Conc: 0.43 ng/ml



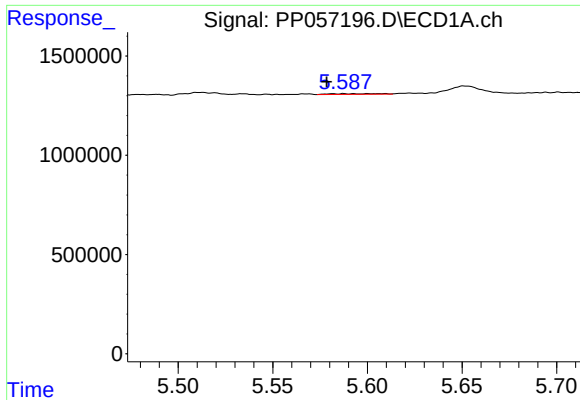
#20 AR-1242-5

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 40026
Conc: 1.19 ng/ml



#20 AR-1242-5

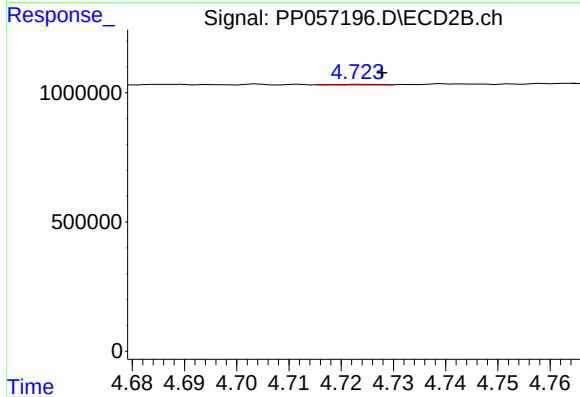
R.T.: 5.557 min
Delta R.T.: 0.021 min
Response: 328133
Conc: 7.33 ng/ml



#21 AR-1248-1

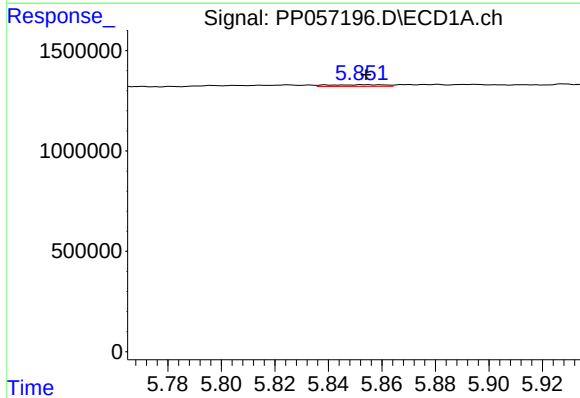
R.T.: 5.588 min
Delta R.T.: 0.009 min
Response: 68968
Conc: 1.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



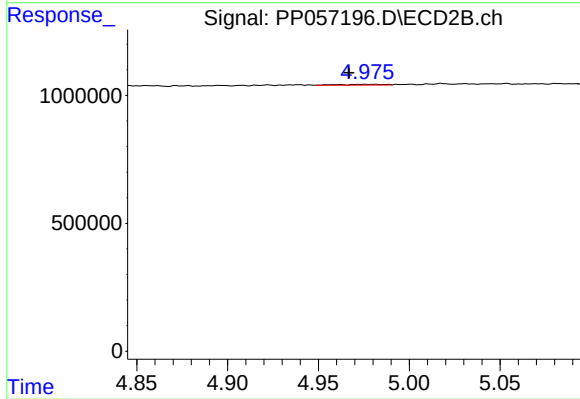
#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 18585
Conc: 0.53 ng/ml



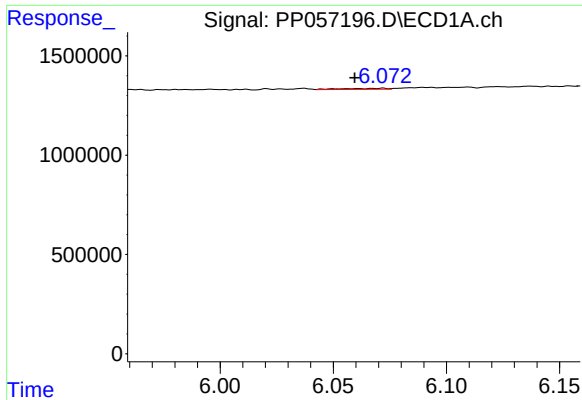
#22 AR-1248-2

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 119527
Conc: 1.90 ng/ml



#22 AR-1248-2

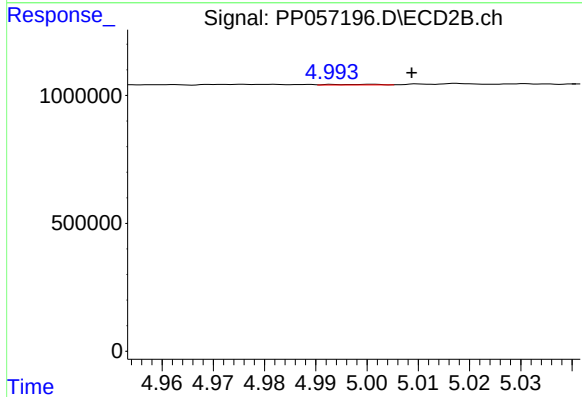
R.T.: 4.976 min
Delta R.T.: 0.009 min
Response: 56666
Conc: 1.02 ng/ml



#23 AR-1248-3

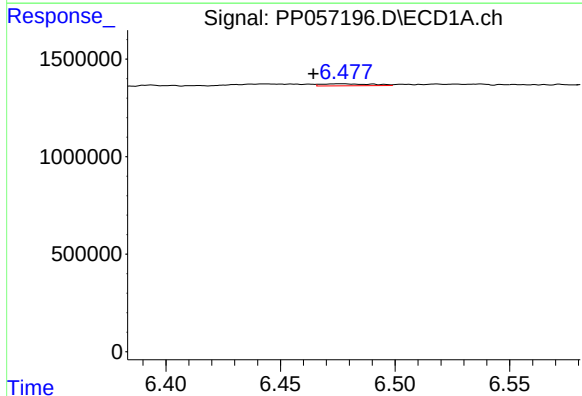
R.T.: 6.072 min
Delta R.T.: 0.013 min
Response: 63542
Conc: 0.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



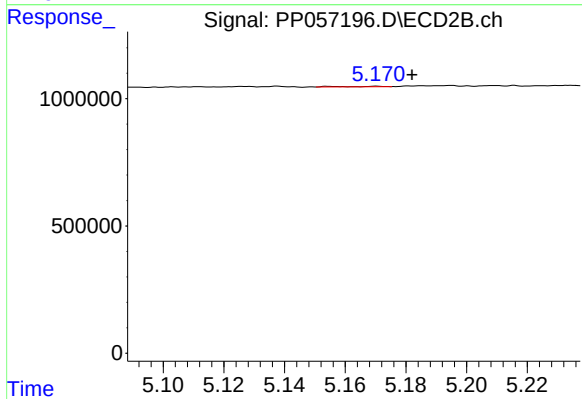
#23 AR-1248-3

R.T.: 5.001 min
Delta R.T.: -0.008 min
Response: 17213
Conc: 0.30 ng/ml



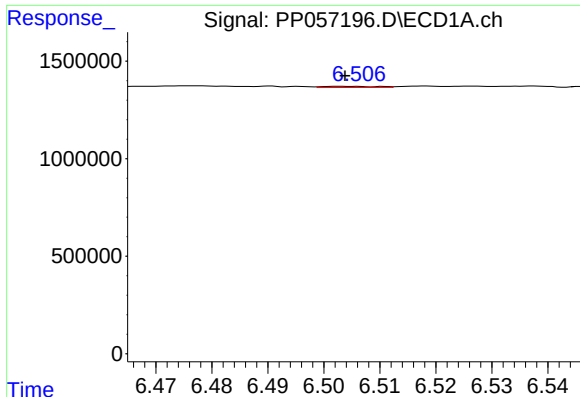
#24 AR-1248-4

R.T.: 6.476 min
Delta R.T.: 0.012 min
Response: 158784
Conc: 2.68 ng/ml



#24 AR-1248-4

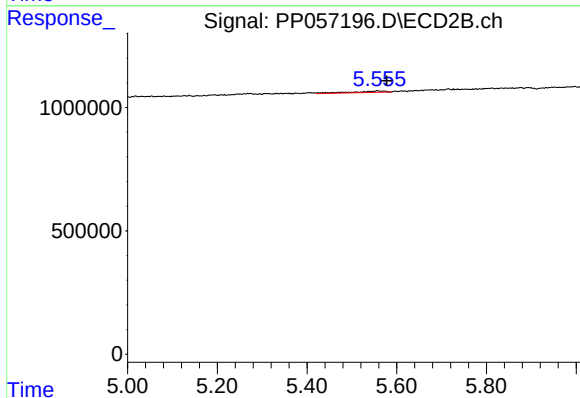
R.T.: 5.170 min
Delta R.T.: -0.012 min
Response: 19314
Conc: 0.28 ng/ml



#25 AR-1248-5

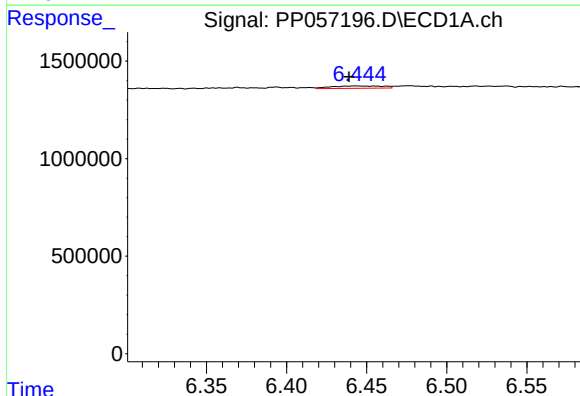
R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 40026
Conc: 0.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



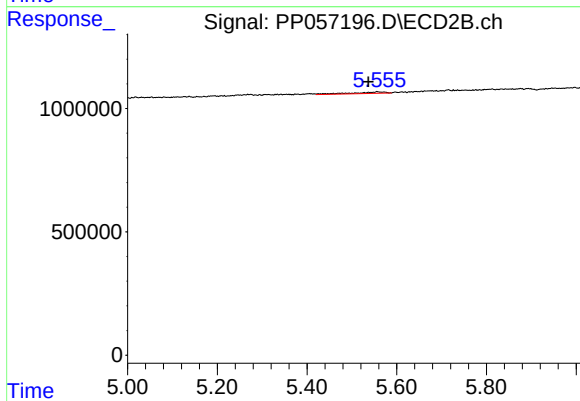
#25 AR-1248-5

R.T.: 5.557 min
Delta R.T.: -0.021 min
Response: 328133
Conc: 5.65 ng/ml



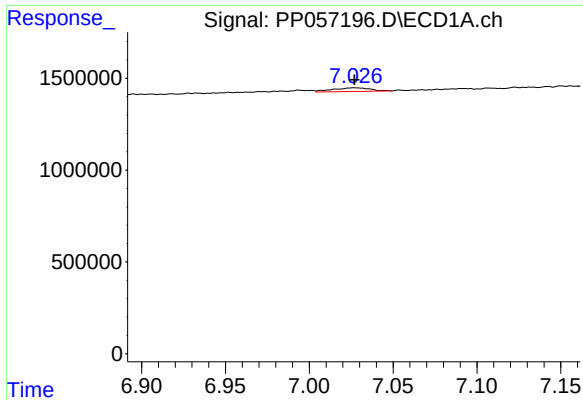
#26 AR-1254-1

R.T.: 6.444 min
Delta R.T.: 0.005 min
Response: 276216
Conc: 3.66 ng/ml



#26 AR-1254-1

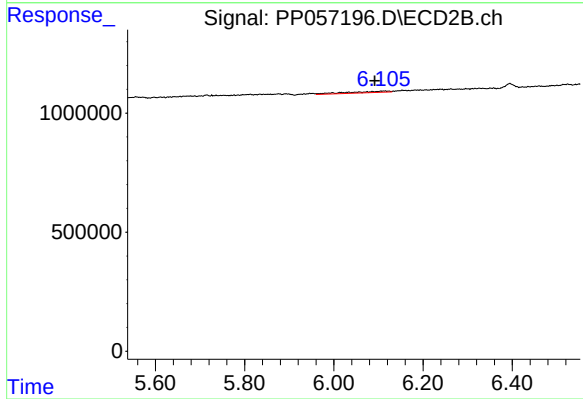
R.T.: 5.557 min
Delta R.T.: 0.020 min
Response: 328133
Conc: 3.26 ng/ml



#28 AR-1254-3

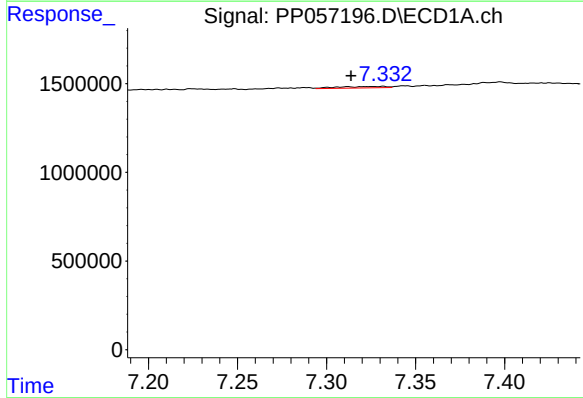
R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 317772
Conc: 3.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



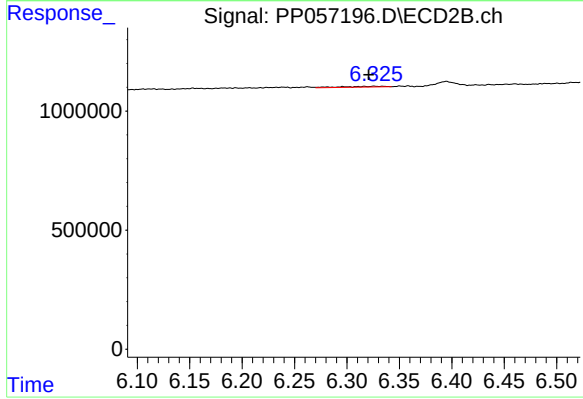
#28 AR-1254-3

R.T.: 6.114 min
Delta R.T.: 0.022 min
Response: 396146
Conc: 2.83 ng/ml



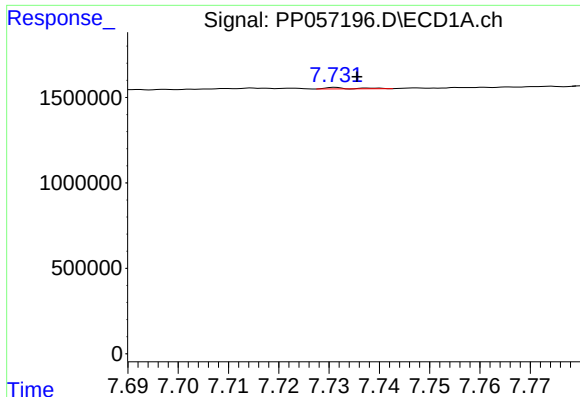
#29 AR-1254-4

R.T.: 7.332 min
Delta R.T.: 0.018 min
Response: 156221
Conc: 2.51 ng/ml



#29 AR-1254-4

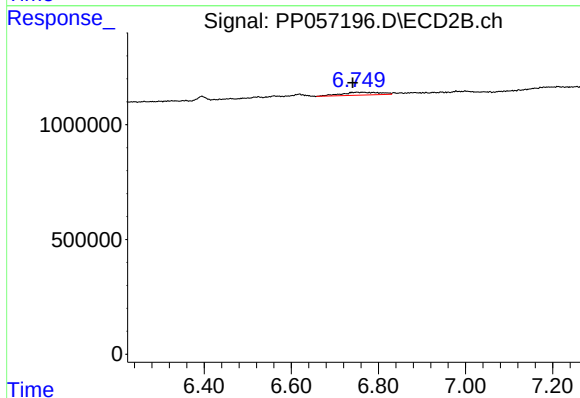
R.T.: 6.334 min
Delta R.T.: 0.013 min
Response: 98298
Conc: 1.30 ng/ml



#30 AR-1254-5

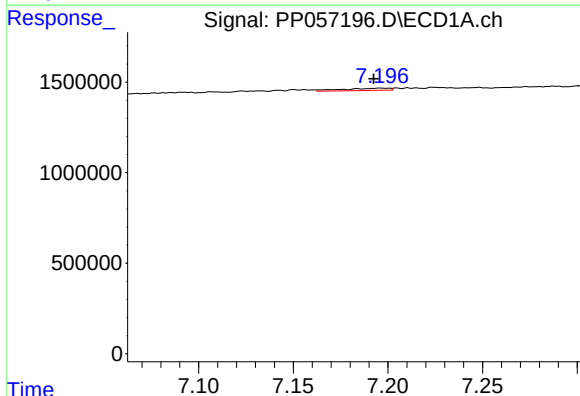
R.T.: 7.731 min
Delta R.T.: -0.004 min
Response: 28185
Conc: 0.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



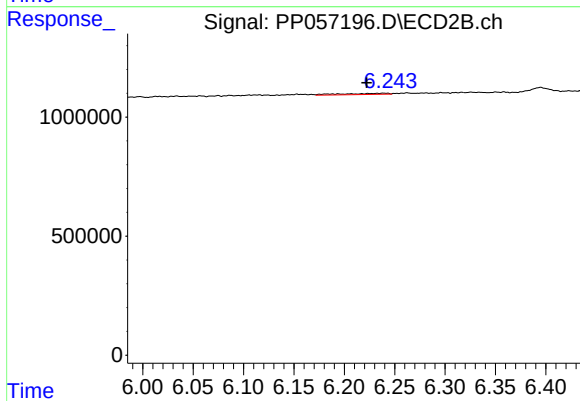
#30 AR-1254-5

R.T.: 6.750 min
Delta R.T.: 0.009 min
Response: 792013
Conc: 6.43 ng/ml



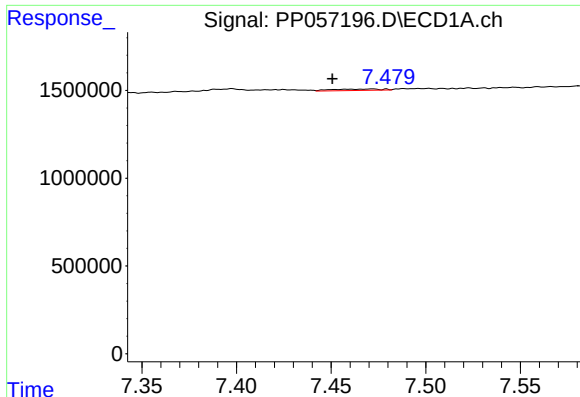
#31 AR-1260-1

R.T.: 7.196 min
Delta R.T.: 0.003 min
Response: 211424
Conc: 2.43 ng/ml



#31 AR-1260-1

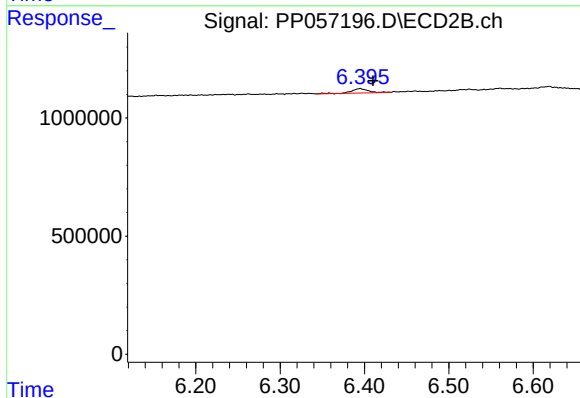
R.T.: 6.239 min
Delta R.T.: 0.017 min
Response: 171800
Conc: 1.70 ng/ml



#32 AR-1260-2

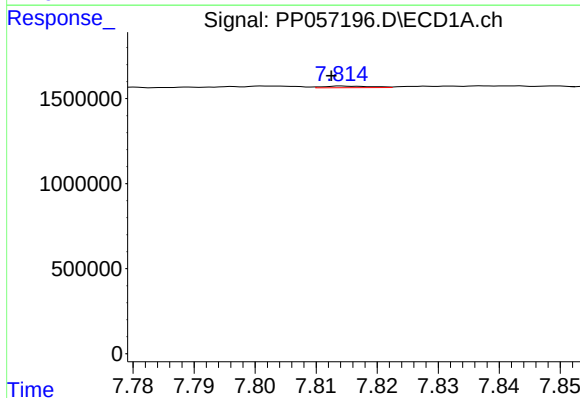
R.T.: 7.472 min
Delta R.T.: 0.021 min
Response: 147136
Conc: 1.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



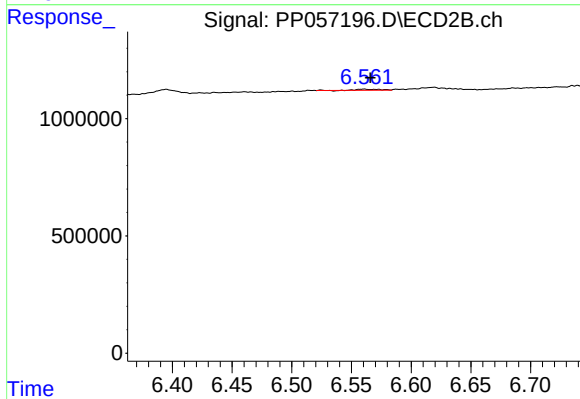
#32 AR-1260-2

R.T.: 6.395 min
Delta R.T.: -0.015 min
Response: 251671
Conc: 2.17 ng/ml



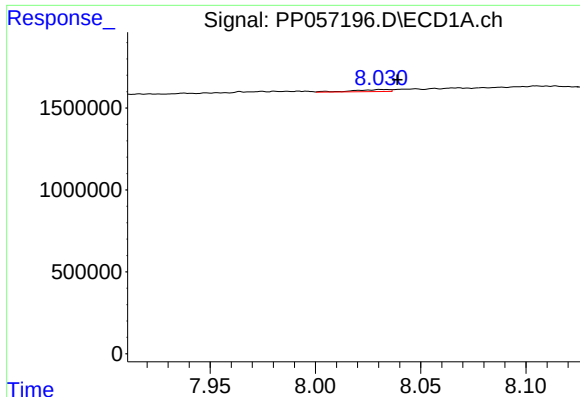
#33 AR-1260-3

R.T.: 7.815 min
Delta R.T.: 0.002 min
Response: 50911
Conc: 0.70 ng/ml



#33 AR-1260-3

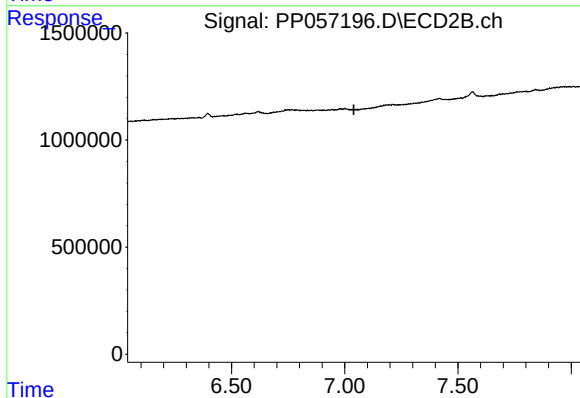
R.T.: 6.560 min
Delta R.T.: -0.005 min
Response: 62611
Conc: 0.57 ng/ml



#34 AR-1260-4

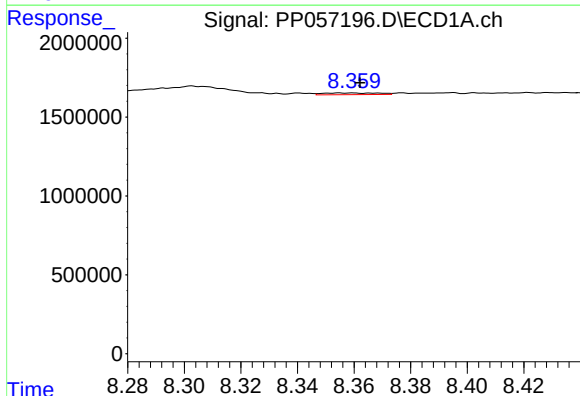
R.T.: 8.032 min
Delta R.T.: -0.007 min
Response: 147300
Conc: 1.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



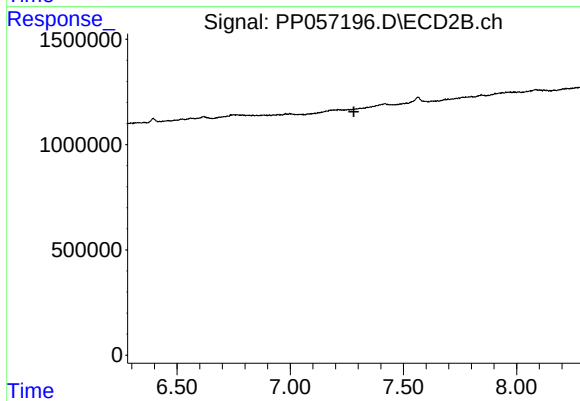
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.040 min
Response: 0
Conc: N.D.



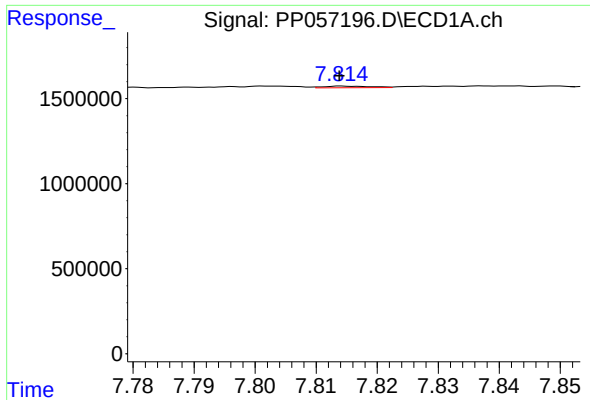
#35 AR-1260-5

R.T.: 8.360 min
Delta R.T.: -0.002 min
Response: 153043
Conc: 1.07 ng/ml



#35 AR-1260-5

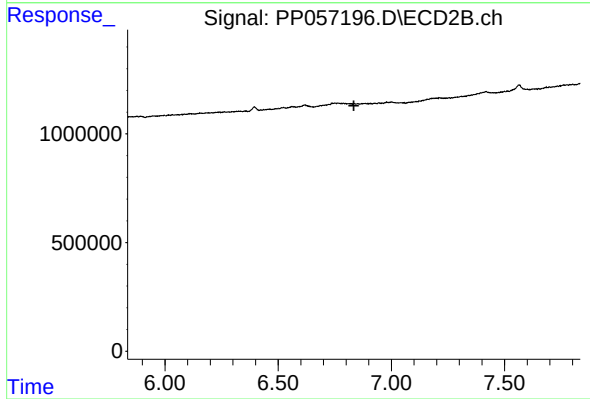
R.T.: 0.000 min
Exp R.T. : 7.281 min
Response: 0
Conc: N.D.



#36 AR-1262-1

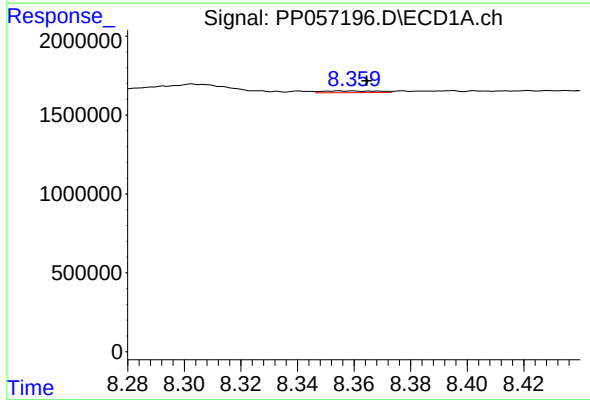
R.T.: 7.815 min
Delta R.T.: 0.000 min
Response: 50911
Conc: 0.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



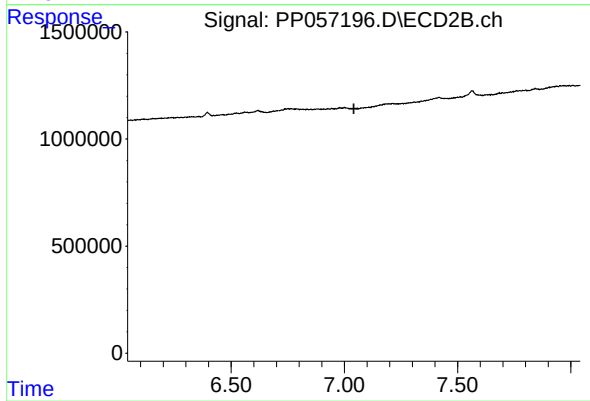
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.834 min
Response: 0
Conc: N.D.



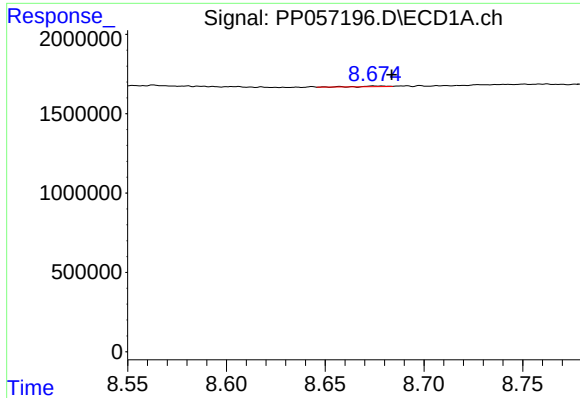
#37 AR-1262-2

R.T.: 8.360 min
Delta R.T.: -0.005 min
Response: 153043
Conc: 1.05 ng/ml



#37 AR-1262-2

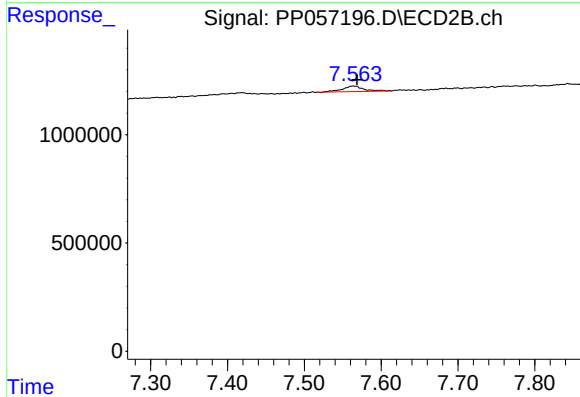
R.T.: 0.000 min
Exp R.T. : 7.042 min
Response: 0
Conc: N.D.



#38 AR-1262-3

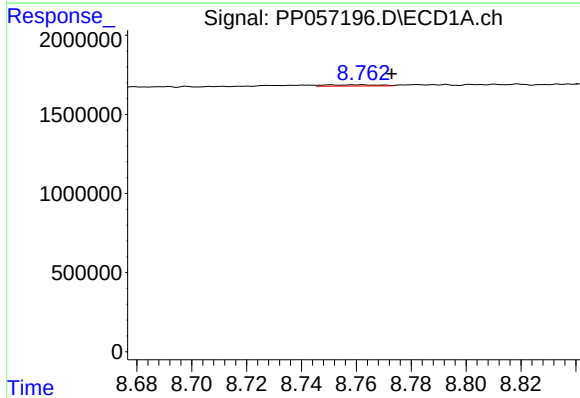
R.T.: 8.674 min
Delta R.T.: -0.009 min
Response: 28301
Conc: 0.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



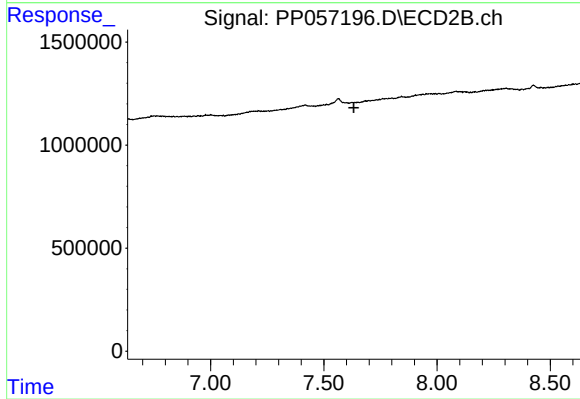
#38 AR-1262-3

R.T.: 7.564 min
Delta R.T.: -0.005 min
Response: 506568
Conc: 5.59 ng/ml



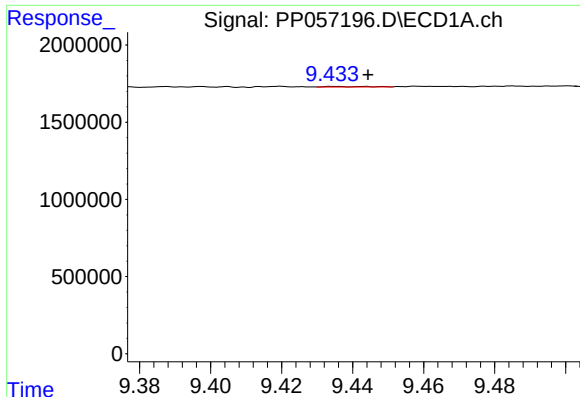
#39 AR-1262-4

R.T.: 8.762 min
Delta R.T.: -0.011 min
Response: 106520
Conc: 1.27 ng/ml



#39 AR-1262-4

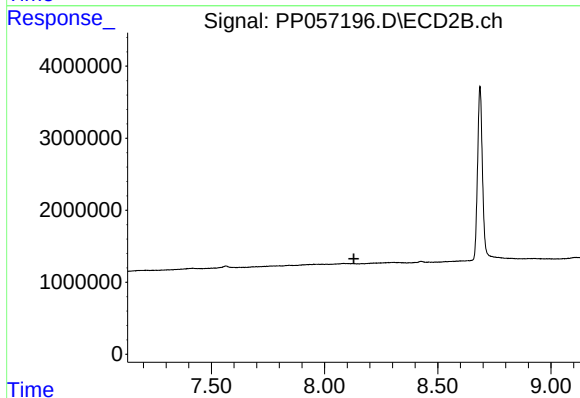
R.T.: 0.000 min
Exp R.T.: 7.633 min
Response: 0
Conc: N.D.



#40 AR-1262-5

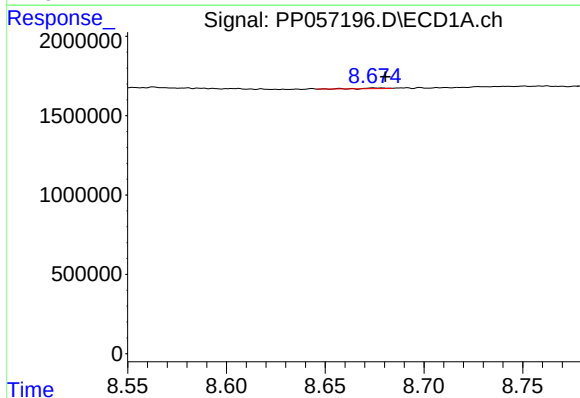
R.T.: 9.435 min
Delta R.T.: -0.010 min
Response: 27218
Conc: 0.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



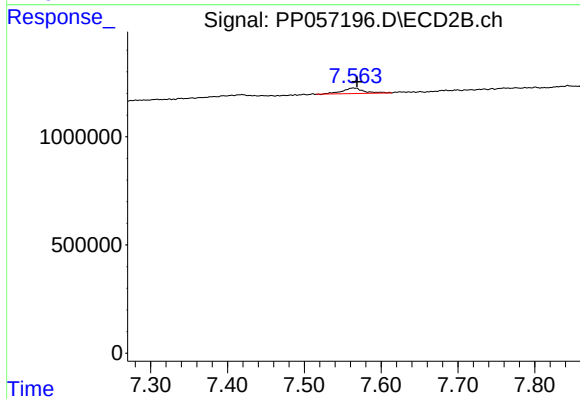
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.129 min
Response: 0
Conc: N.D.



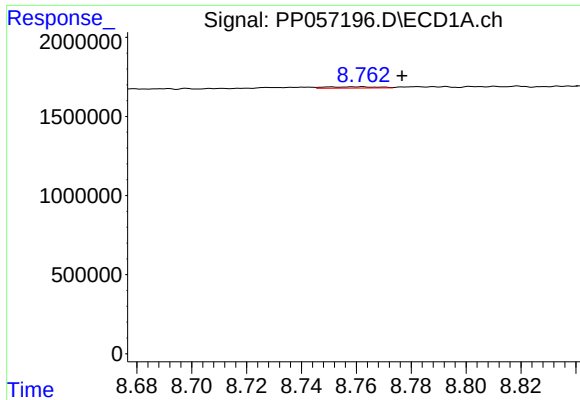
#41 AR-1268-1

R.T.: 8.674 min
Delta R.T.: -0.006 min
Response: 28301
Conc: 0.13 ng/ml



#41 AR-1268-1

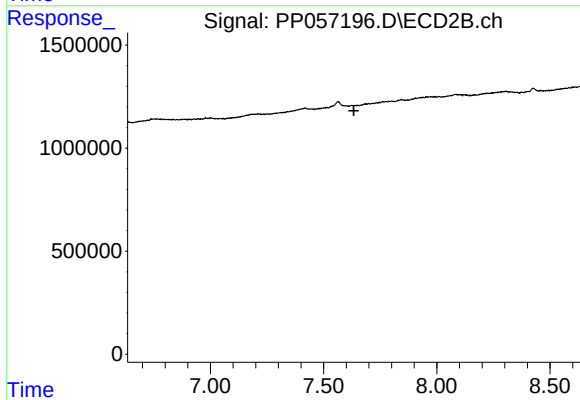
R.T.: 7.564 min
Delta R.T.: -0.005 min
Response: 506568
Conc: 1.82 ng/ml



#42 AR-1268-2

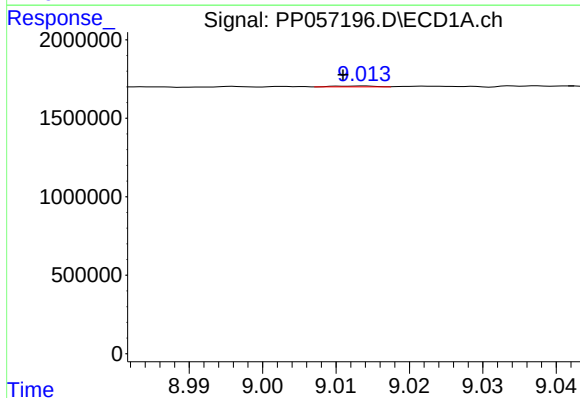
R.T.: 8.762 min
Delta R.T.: -0.015 min
Response: 106520
Conc: 0.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



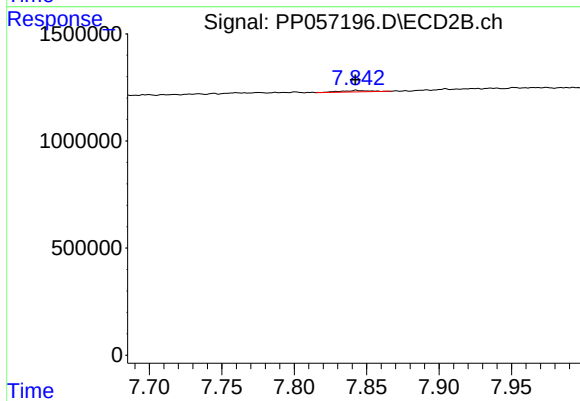
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.633 min
Response: 0
Conc: N.D.



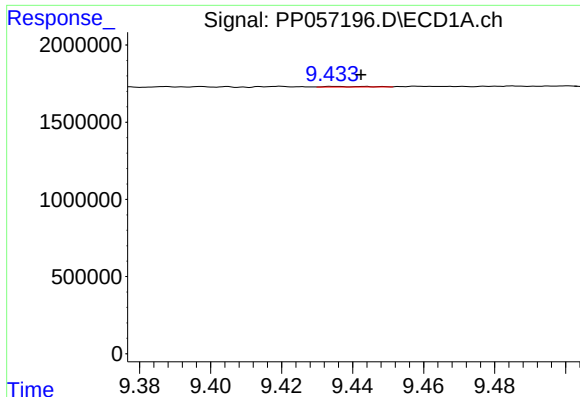
#43 AR-1268-3

R.T.: 9.013 min
Delta R.T.: 0.002 min
Response: 22464
Conc: 0.13 ng/ml



#43 AR-1268-3

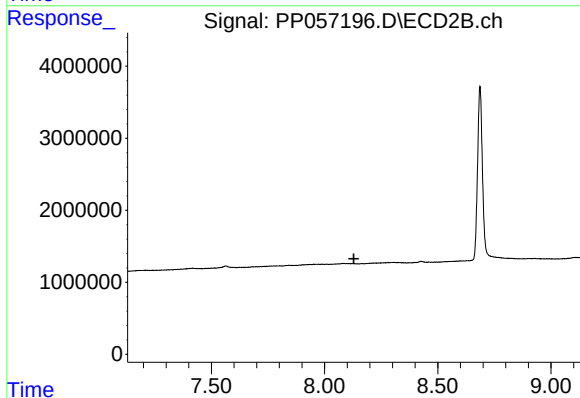
R.T.: 7.844 min
Delta R.T.: 0.001 min
Response: 92850
Conc: 0.42 ng/ml



#44 AR-1268-4

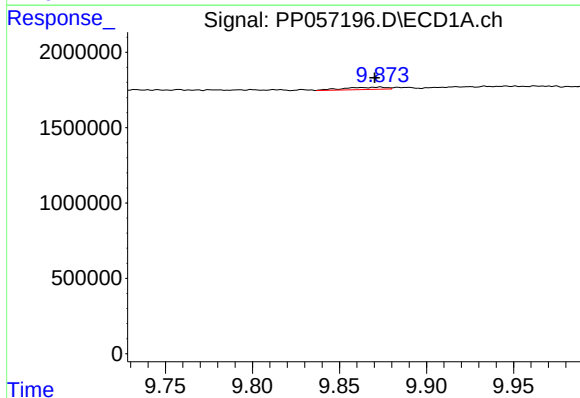
R.T.: 9.435 min
Delta R.T.: -0.008 min
Response: 27218
Conc: 0.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



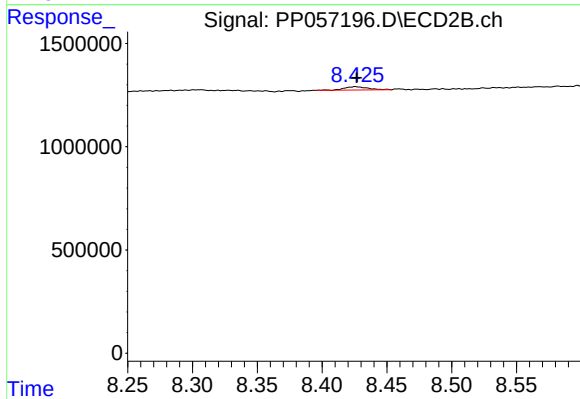
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.129 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.873 min
Delta R.T.: 0.003 min
Response: 256694
Conc: 0.54 ng/ml



#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.001 min
Response: 202888
Conc: 0.34 ng/ml