

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042023\
 Data File : PP057081.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 20:29
 Operator : YP\AJ
 Sample : 02420-01 10X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 01:13:33 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...	4.404	3.631	3973353	3187548	1.796	1.887
2)	SA Decachlor...	10.218	8.687	3836906	3559865	2.391	1.990
Target Compounds							
3)	L1 AR-1016-1	5.576	4.735	711595	1896308	11.343	33.382 #
4)	L1 AR-1016-2	5.610	4.735	670666	1896308	7.350	23.665 #
5)	L1 AR-1016-3	5.654	4.949f	685850	65624	11.892	1.511 #
6)	L1 AR-1016-4	5.785f	4.974	-76014	400922	N.D.	10.332 #
7)	L1 AR-1016-5	6.083f	5.205f	1780925	1424026	36.962	28.402
8)	L2 AR-1221-1	4.607	0.000	344568	0	12.908	N.D. #
9)	L2 AR-1221-2	4.710	3.926	847463	617267	43.544	38.384
10)	L2 AR-1221-3	4.779	3.998	434575	265378	7.410	5.399 #
11)	L3 AR-1232-1	4.779	3.998	434575	265378	8.964	6.607 #
12)	L3 AR-1232-2	5.312	4.735	859402	1896308	34.600	52.421 #
13)	L3 AR-1232-3	5.610	4.949f	670666	65624	16.124	3.414 #
14)	L3 AR-1232-4	5.785f	5.002	-76014	334519	N.D.	16.882 #
15)	L3 AR-1232-5	5.860	5.205f	1378701	1424026	72.926	64.168
16)	L4 AR-1242-1	5.576	4.735	711595	1896308	13.903	40.525 #
17)	L4 AR-1242-2	5.610	4.735	670666	1896308	8.954	29.196 #
18)	L4 AR-1242-3	5.654	4.949f	685850	65624	14.560	1.848 #
19)	L4 AR-1242-4	5.785f	5.002	-76014	334519	N.D.	8.413 #
20)	L4 AR-1242-5	6.521f	5.516f	1569717	3144440	46.603	70.288 #
21)	L5 AR-1248-1	5.576	4.735	711595	1896308	18.509	53.762 #
22)	L5 AR-1248-2	5.860	4.974	1378701	400922	21.879	7.222 #
23)	L5 AR-1248-3	6.083f	5.002	1780925	334519	26.678	5.778 #
24)	L5 AR-1248-4	6.476	5.205f	1754591	1424026	29.643	20.975 #
25)	L5 AR-1248-5	6.521f	5.577	1569717	5480413	27.040	94.313 #
26)	L6 AR-1254-1	6.412f	5.516f	3369963	3144440	44.623	31.203 #
27)	L6 AR-1254-2	6.636f	0.000	3700062	0	34.115	N.D. #
28)	L6 AR-1254-3	7.026	6.073f	8774019	2299770	84.762	16.415 #
29)	L6 AR-1254-4	7.285f	6.322	7314363	881579	117.733	11.701 #
30)	L6 AR-1254-5	7.737	6.745	134384	484505	1.866	3.936 #
31)	L7 AR-1260-1	0.000	6.225	0	1185463	N.D.	11.699 #
32)	L7 AR-1260-2	7.468f	6.417	1352899	316362	14.732	2.722 #
33)	L7 AR-1260-3	7.814	6.565	209704	455783	2.890	4.120 #
34)	L7 AR-1260-4	8.040	7.051	534573	-801	6.362	N.D. #
35)	L7 AR-1260-5	8.365	7.280	283587	66192	1.976	0.367 #
36)	L8 AR-1262-1	7.814	6.827	209704	382766	2.078	6.706 #
37)	L8 AR-1262-2	8.365	7.051	283587	-801	1.939	N.D. #
38)	L8 AR-1262-3	0.000	7.561	0	740595	N.D.	8.172 #
39)	L8 AR-1262-4	0.000	7.631	0	161964	N.D.	1.031 #
40)	L8 AR-1262-5	9.442	8.129	28013	23140	0.585	0.338 #
41)	L9 AR-1268-1	0.000	7.561	0	740595	N.D.	2.666 #

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 Acq On : 20 Apr 2023 20:29
 Operator : YP\AJ
 Sample : 02420-01 10X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

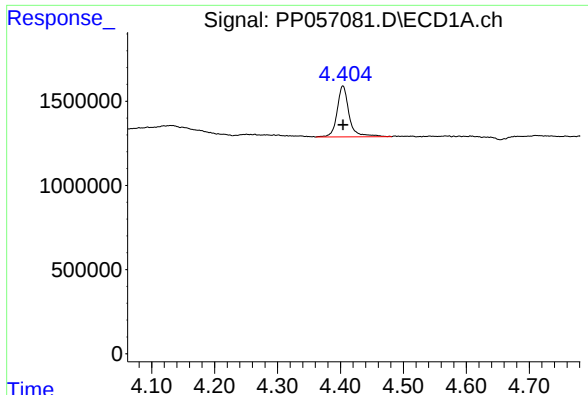
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 01:13:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042023.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	0.000	7.631	0	161964	N.D.	0.649 #
43) L9	AR-1268-3	0.000	7.843	0	100492	N.D.	0.454 #
44) L9	AR-1268-4	9.442	8.129	28013	23140	0.494	0.289 #
45) L9	AR-1268-5	0.000	8.427	0	38818	N.D.	0.066 #

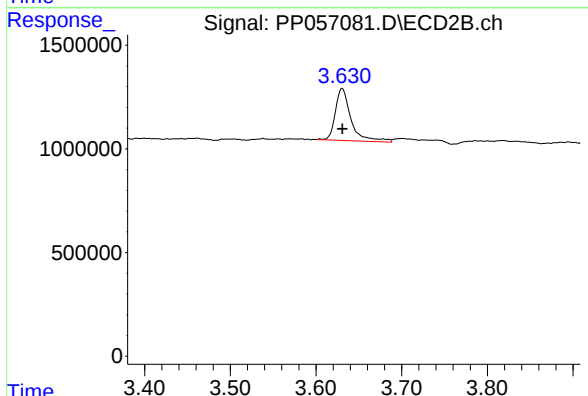
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

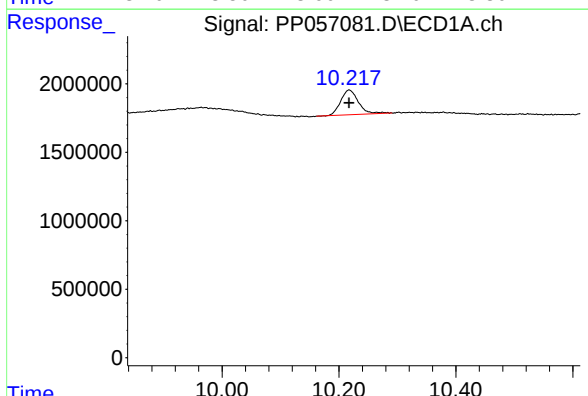
R.T.: 4.404 min
Delta R.T.: 0.000 min
Response: 3973353
Conc: 1.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



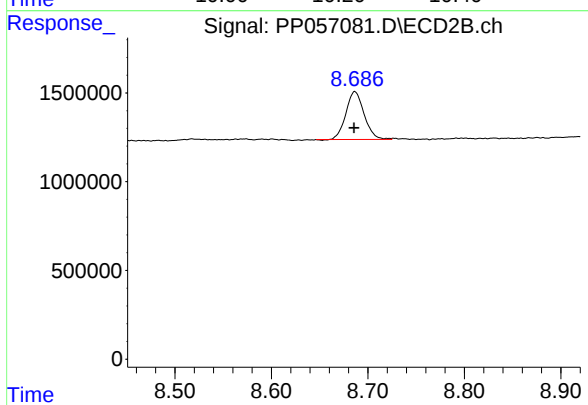
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 3187548
Conc: 1.89 ng/ml



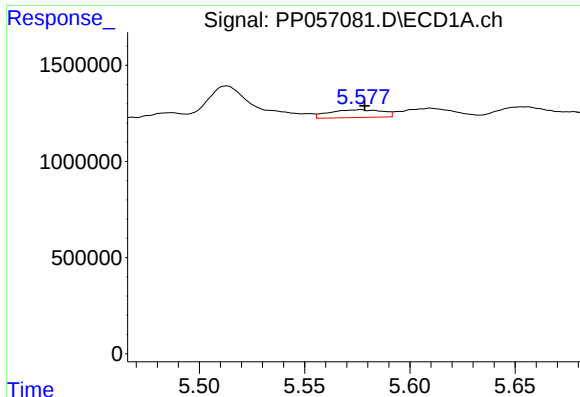
#2 Decachlorobiphenyl

R.T.: 10.218 min
Delta R.T.: 0.000 min
Response: 3836906
Conc: 2.39 ng/ml



#2 Decachlorobiphenyl

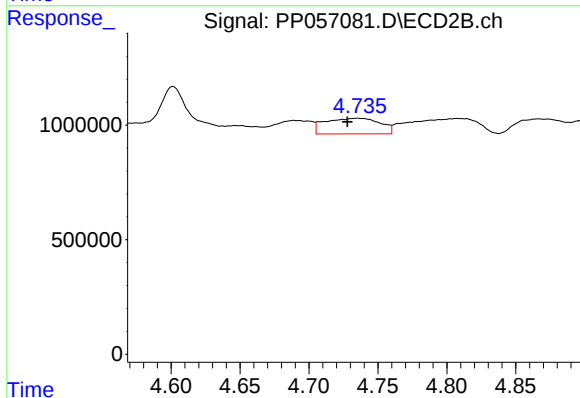
R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 3559865
Conc: 1.99 ng/ml



#3 AR-1016-1

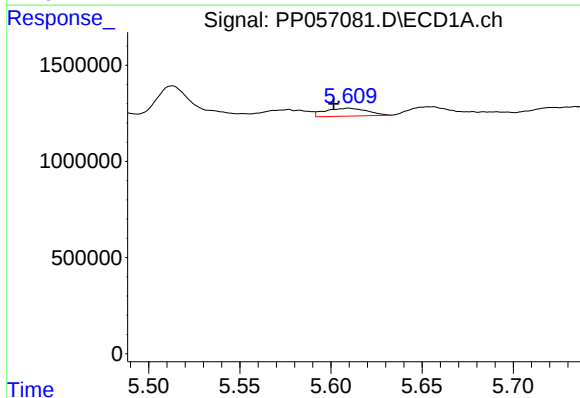
R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 711595
Conc: 11.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



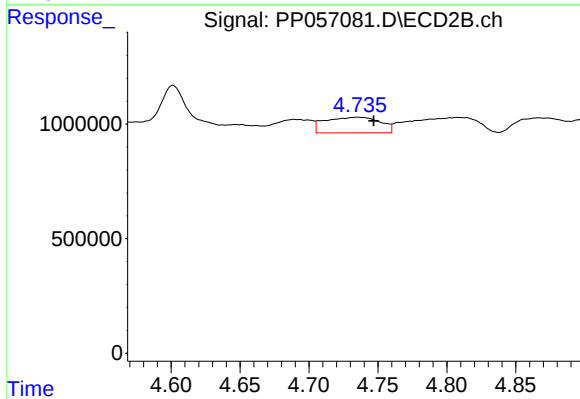
#3 AR-1016-1

R.T.: 4.735 min
Delta R.T.: 0.007 min
Response: 1896308
Conc: 33.38 ng/ml



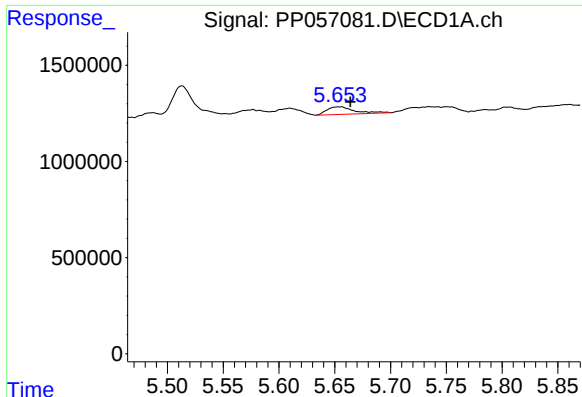
#4 AR-1016-2

R.T.: 5.610 min
Delta R.T.: 0.008 min
Response: 670666
Conc: 7.35 ng/ml



#4 AR-1016-2

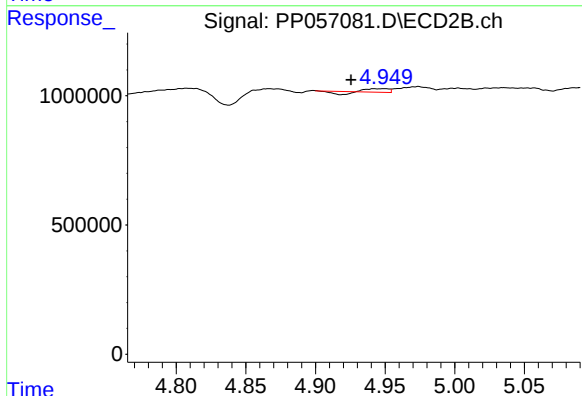
R.T.: 4.735 min
Delta R.T.: -0.012 min
Response: 1896308
Conc: 23.67 ng/ml



#5 AR-1016-3

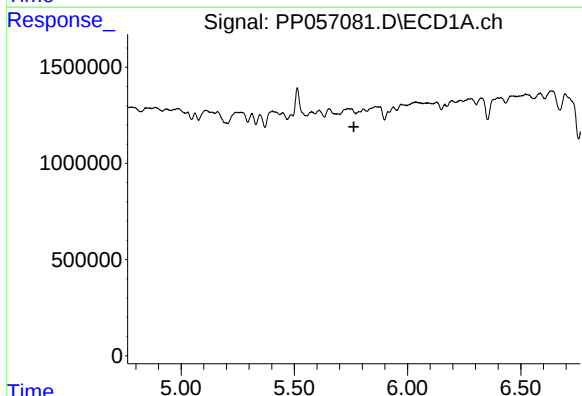
R.T.: 5.654 min
Delta R.T.: -0.010 min
Response: 685850
Conc: 11.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



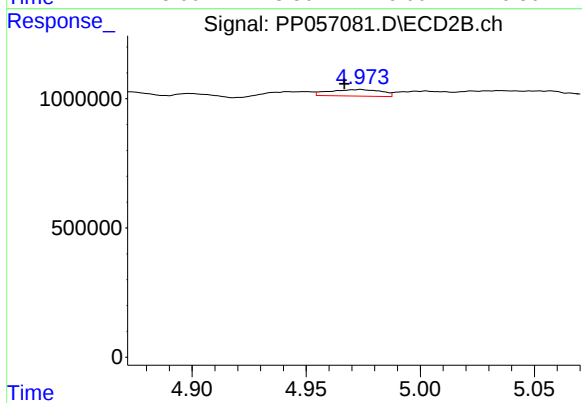
#5 AR-1016-3

R.T.: 4.949 min
Delta R.T.: 0.024 min
Response: 65624
Conc: 1.51 ng/ml



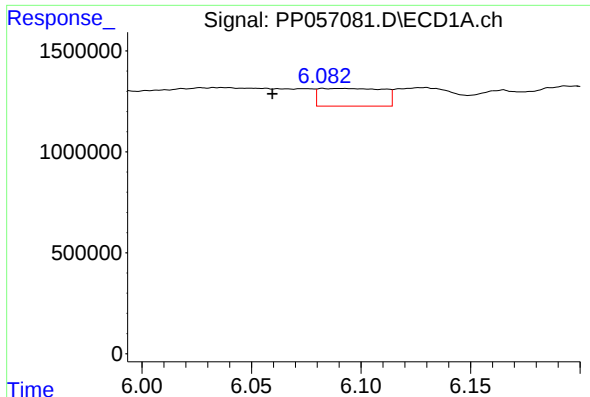
#6 AR-1016-4

R.T.: 5.785 min
Delta R.T.: 0.022 min
Response: -76014
Conc: N.D.



#6 AR-1016-4

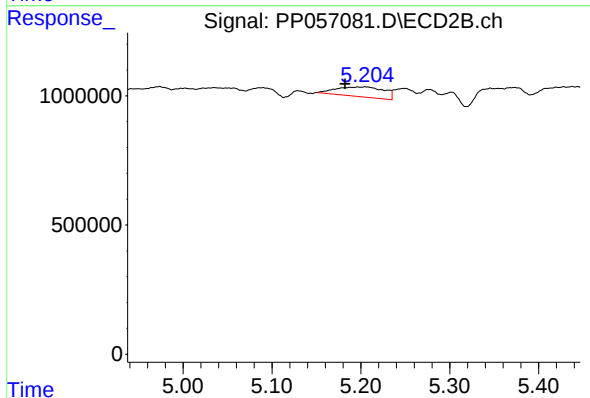
R.T.: 4.974 min
Delta R.T.: 0.007 min
Response: 400922
Conc: 10.33 ng/ml



#7 AR-1016-5

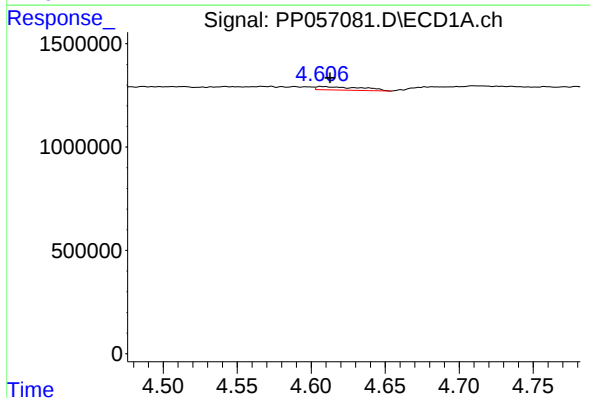
R.T.: 6.083 min
Delta R.T.: 0.023 min
Response: 1780925
Conc: 36.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



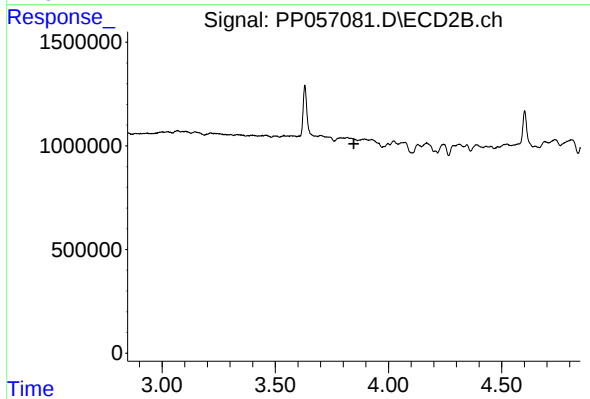
#7 AR-1016-5

R.T.: 5.205 min
Delta R.T.: 0.023 min
Response: 1424026
Conc: 28.40 ng/ml



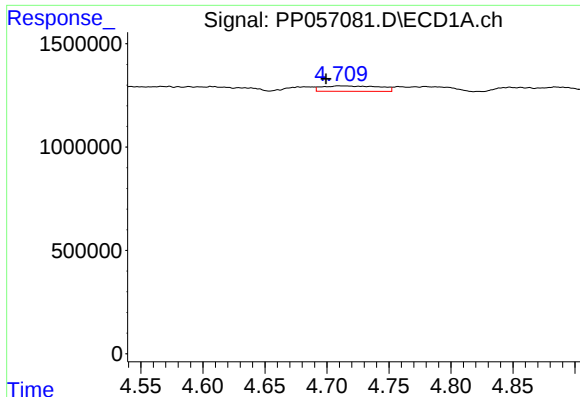
#8 AR-1221-1

R.T.: 4.607 min
Delta R.T.: -0.006 min
Response: 344568
Conc: 12.91 ng/ml



#8 AR-1221-1

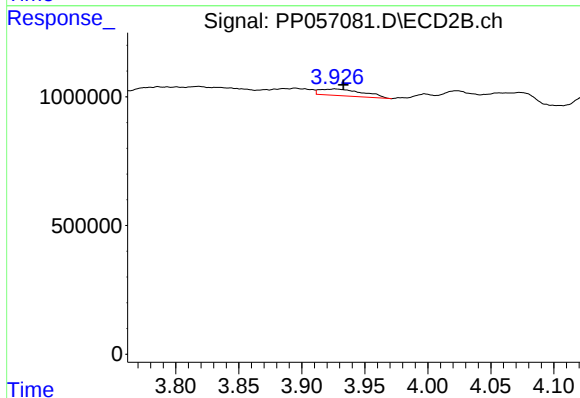
R.T.: 0.000 min
Exp R.T. : 3.847 min
Response: 0
Conc: N.D.



#9 AR-1221-2

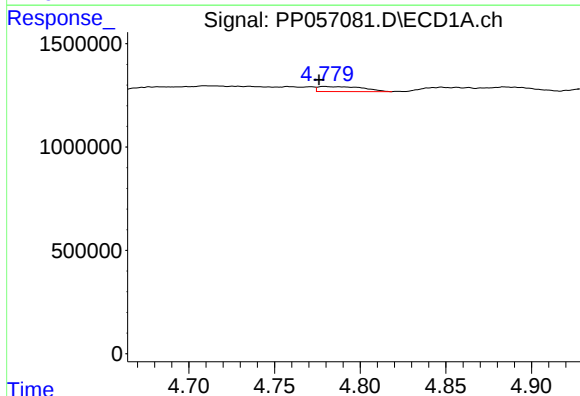
R.T.: 4.710 min
Delta R.T.: 0.010 min
Response: 847463
Conc: 43.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



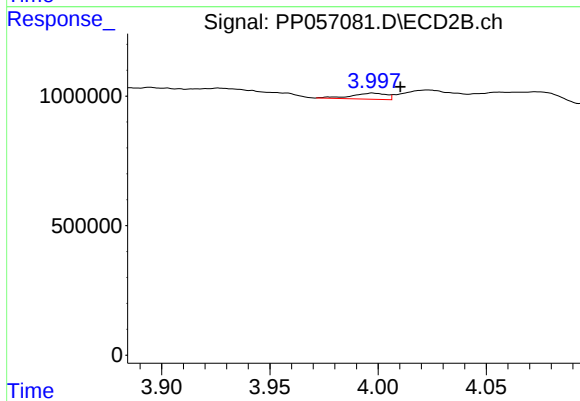
#9 AR-1221-2

R.T.: 3.926 min
Delta R.T.: -0.006 min
Response: 617267
Conc: 38.38 ng/ml



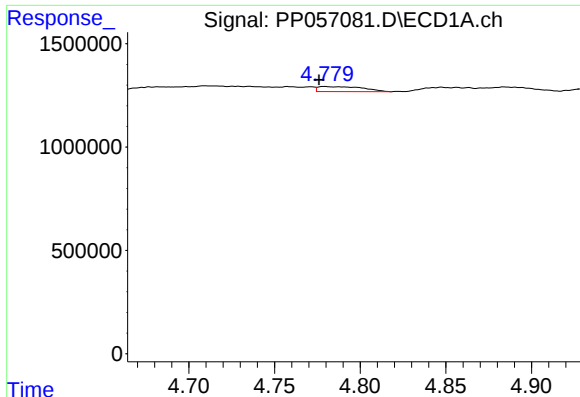
#10 AR-1221-3

R.T.: 4.779 min
Delta R.T.: 0.003 min
Response: 434575
Conc: 7.41 ng/ml



#10 AR-1221-3

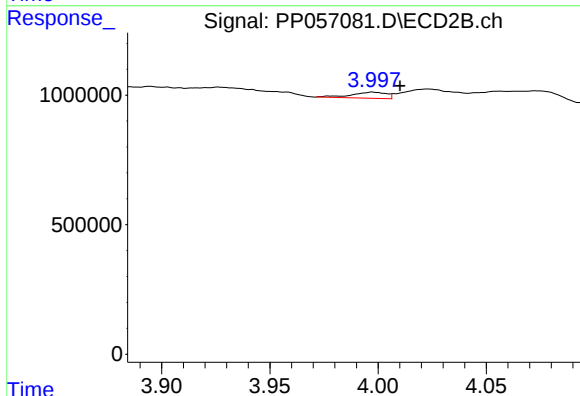
R.T.: 3.998 min
Delta R.T.: -0.013 min
Response: 265378
Conc: 5.40 ng/ml



#11 AR-1232-1

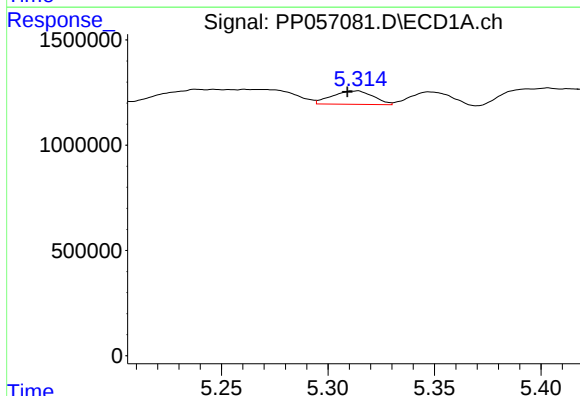
R.T.: 4.779 min
Delta R.T.: 0.004 min
Response: 434575
Conc: 8.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



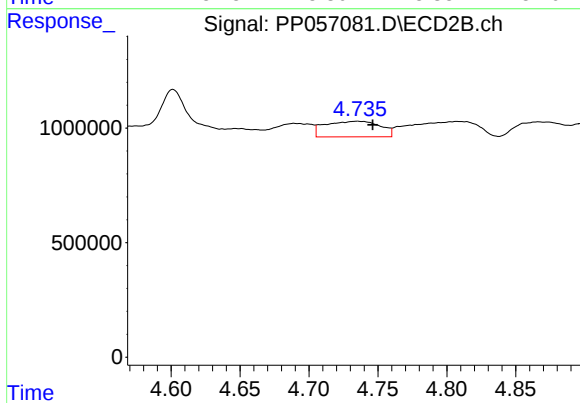
#11 AR-1232-1

R.T.: 3.998 min
Delta R.T.: -0.012 min
Response: 265378
Conc: 6.61 ng/ml



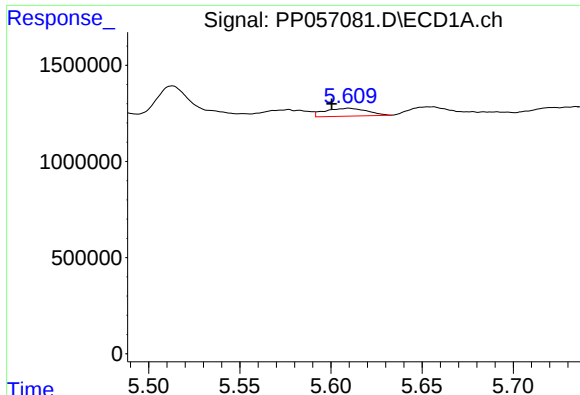
#12 AR-1232-2

R.T.: 5.312 min
Delta R.T.: 0.003 min
Response: 859402
Conc: 34.60 ng/ml



#12 AR-1232-2

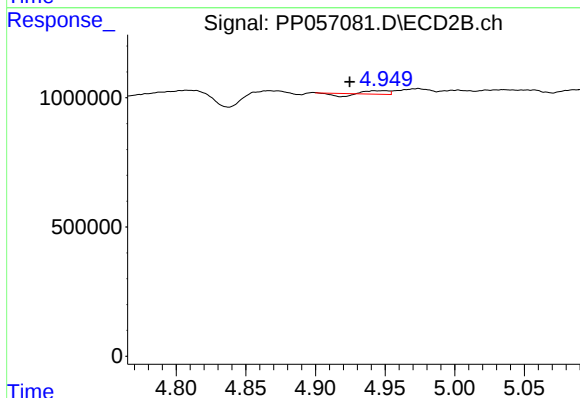
R.T.: 4.735 min
Delta R.T.: -0.011 min
Response: 1896308
Conc: 52.42 ng/ml



#13 AR-1232-3

R.T.: 5.610 min
Delta R.T.: 0.009 min
Response: 670666
Conc: 16.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



#13 AR-1232-3

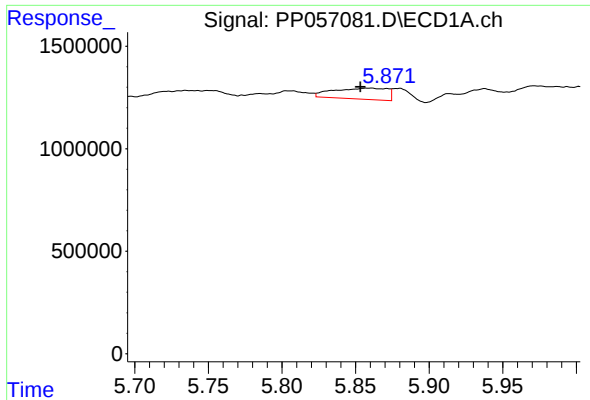
R.T.: 4.949 min
Delta R.T.: 0.025 min
Response: 65624
Conc: 3.41 ng/ml

#14 AR-1232-4

R.T.: 5.785 min
Delta R.T.: 0.023 min
Response: -76014
Conc: N.D.

#14 AR-1232-4

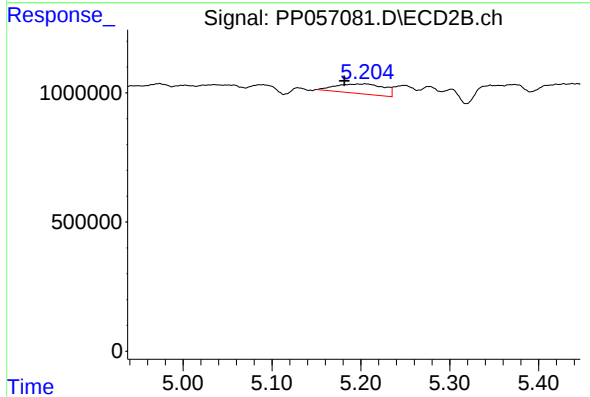
R.T.: 5.002 min
Delta R.T.: -0.006 min
Response: 334519
Conc: 16.88 ng/ml



#15 AR-1232-5

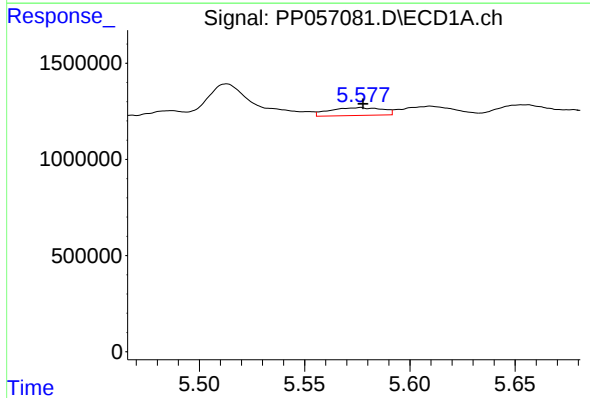
R.T.: 5.860 min
Delta R.T.: 0.007 min
Response: 1378701
Conc: 72.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



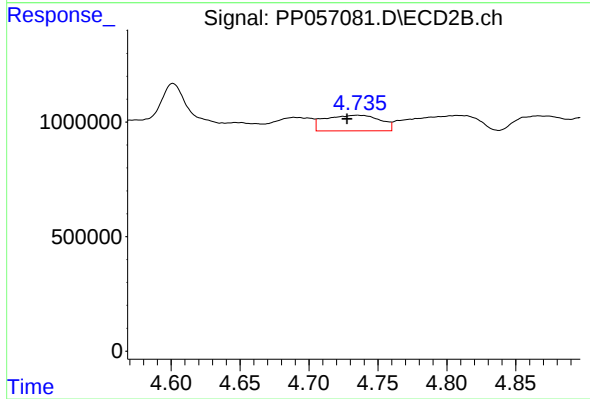
#15 AR-1232-5

R.T.: 5.205 min
Delta R.T.: 0.024 min
Response: 1424026
Conc: 64.17 ng/ml



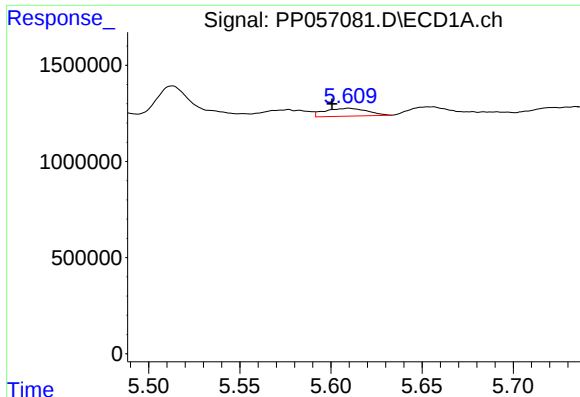
#16 AR-1242-1

R.T.: 5.576 min
Delta R.T.: -0.001 min
Response: 711595
Conc: 13.90 ng/ml



#16 AR-1242-1

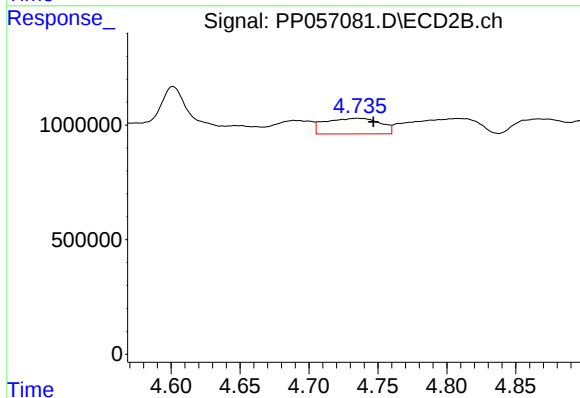
R.T.: 4.735 min
Delta R.T.: 0.007 min
Response: 1896308
Conc: 40.53 ng/ml



#17 AR-1242-2

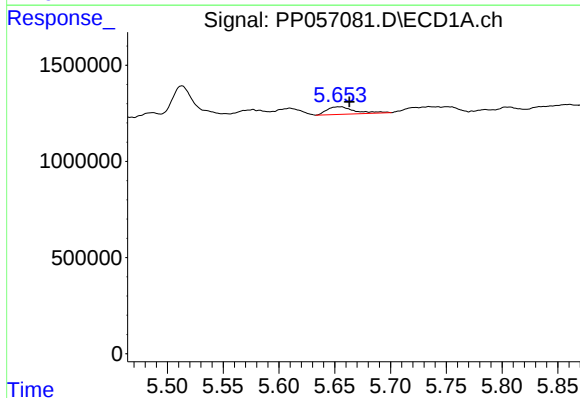
R.T.: 5.610 min
Delta R.T.: 0.009 min
Response: 670666
Conc: 8.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



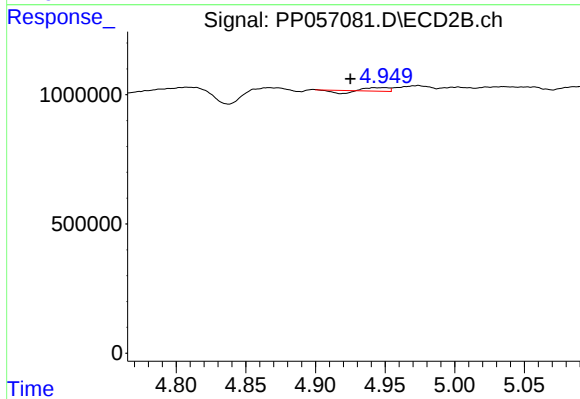
#17 AR-1242-2

R.T.: 4.735 min
Delta R.T.: -0.012 min
Response: 1896308
Conc: 29.20 ng/ml



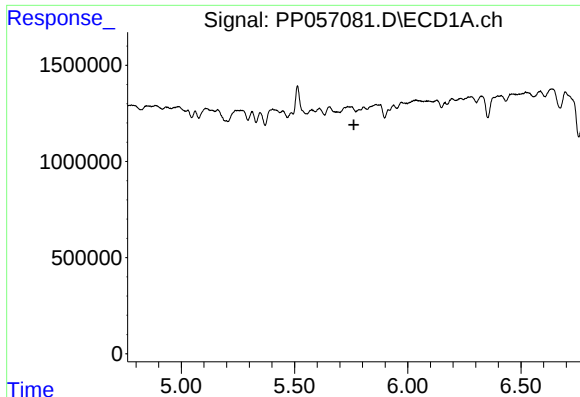
#18 AR-1242-3

R.T.: 5.654 min
Delta R.T.: -0.009 min
Response: 685850
Conc: 14.56 ng/ml



#18 AR-1242-3

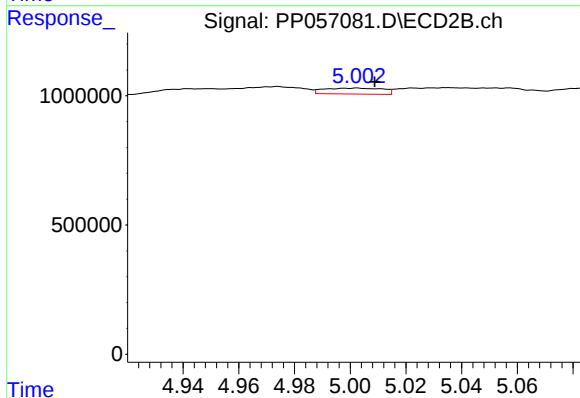
R.T.: 4.949 min
Delta R.T.: 0.024 min
Response: 65624
Conc: 1.85 ng/ml



#19 AR-1242-4

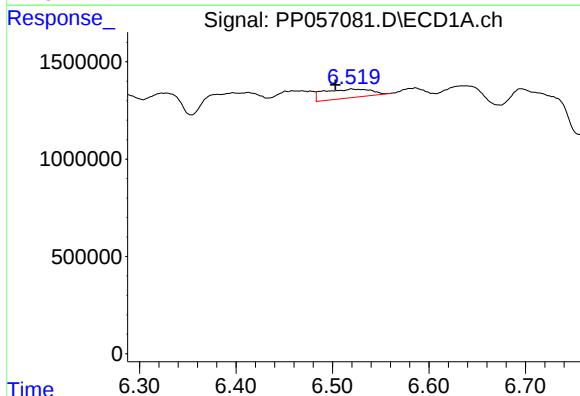
R.T.: 5.785 min
Delta R.T.: 0.023 min
Response: -76014
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



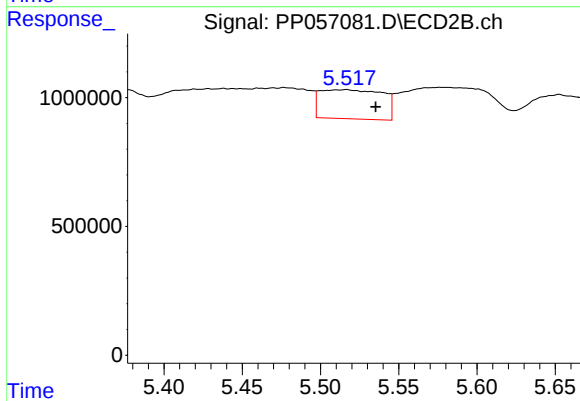
#19 AR-1242-4

R.T.: 5.002 min
Delta R.T.: -0.006 min
Response: 334519
Conc: 8.41 ng/ml



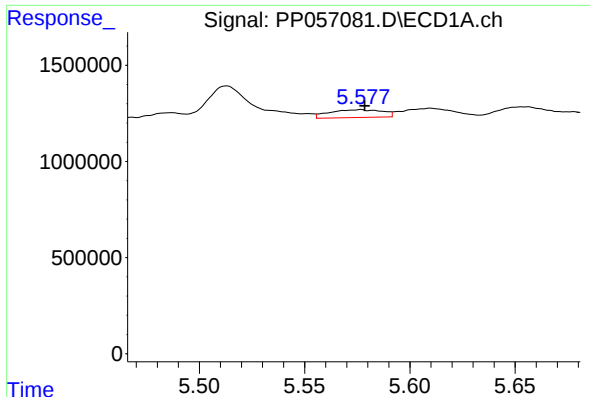
#20 AR-1242-5

R.T.: 6.521 min
Delta R.T.: 0.018 min
Response: 1569717
Conc: 46.60 ng/ml



#20 AR-1242-5

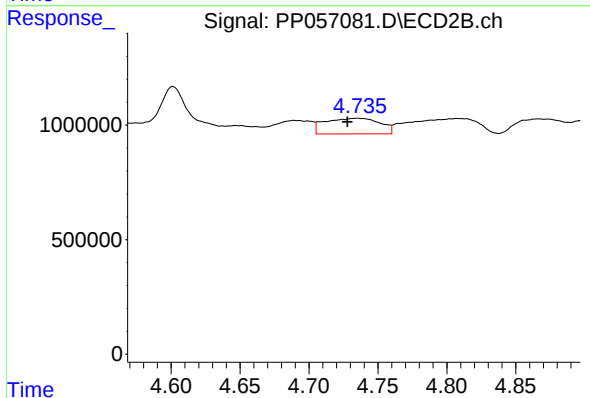
R.T.: 5.516 min
Delta R.T.: -0.019 min
Response: 3144440
Conc: 70.29 ng/ml



#21 AR-1248-1

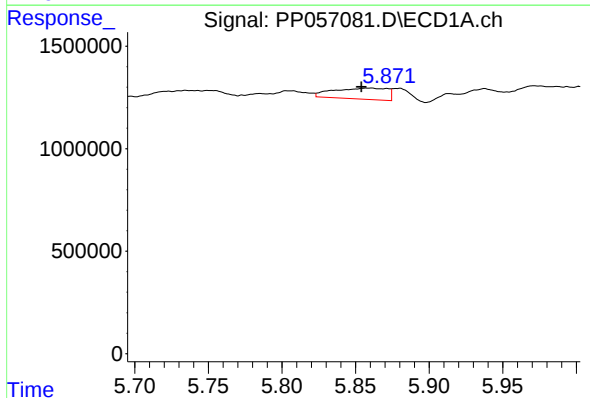
R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 711595
Conc: 18.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



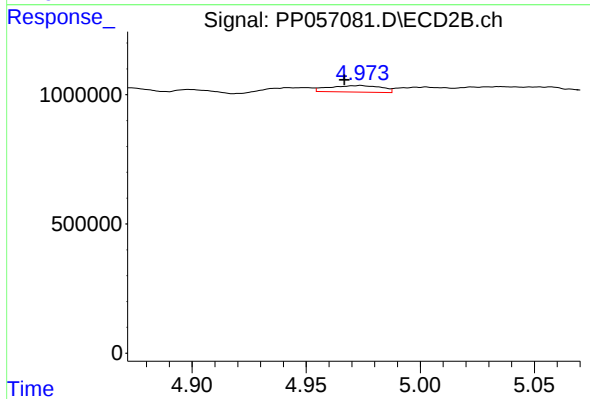
#21 AR-1248-1

R.T.: 4.735 min
Delta R.T.: 0.007 min
Response: 1896308
Conc: 53.76 ng/ml



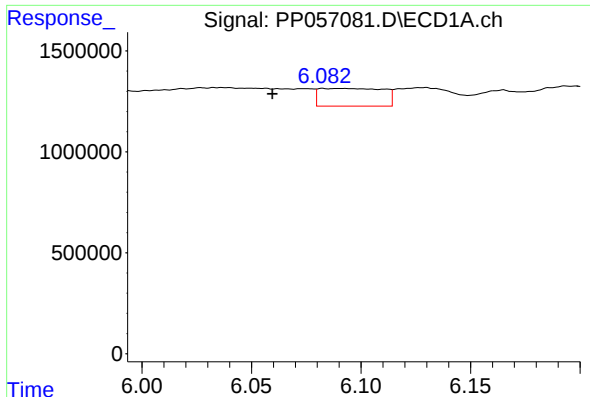
#22 AR-1248-2

R.T.: 5.860 min
Delta R.T.: 0.006 min
Response: 1378701
Conc: 21.88 ng/ml



#22 AR-1248-2

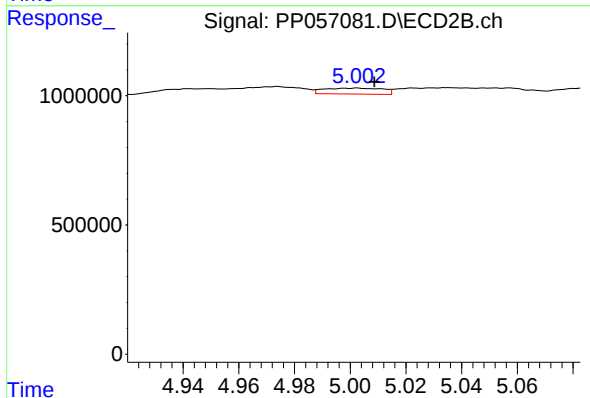
R.T.: 4.974 min
Delta R.T.: 0.007 min
Response: 400922
Conc: 7.22 ng/ml



#23 AR-1248-3

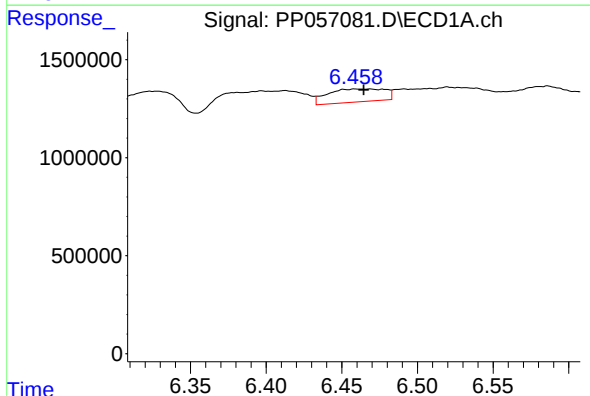
R.T.: 6.083 min
Delta R.T.: 0.023 min
Response: 1780925
Conc: 26.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



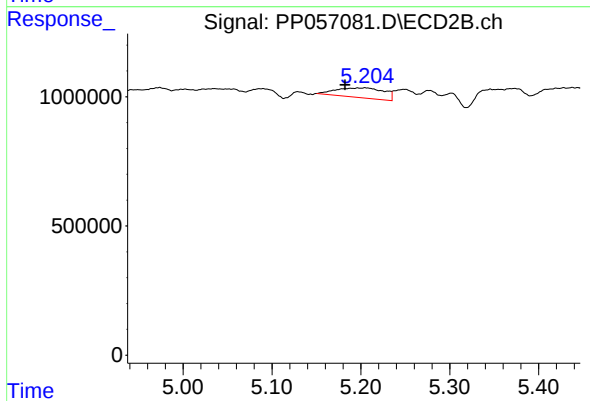
#23 AR-1248-3

R.T.: 5.002 min
Delta R.T.: -0.006 min
Response: 334519
Conc: 5.78 ng/ml



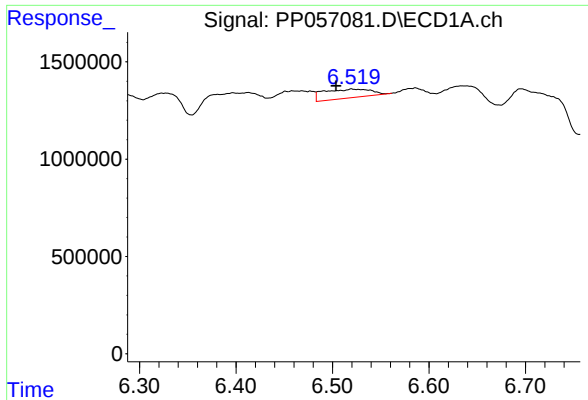
#24 AR-1248-4

R.T.: 6.476 min
Delta R.T.: 0.011 min
Response: 1754591
Conc: 29.64 ng/ml



#24 AR-1248-4

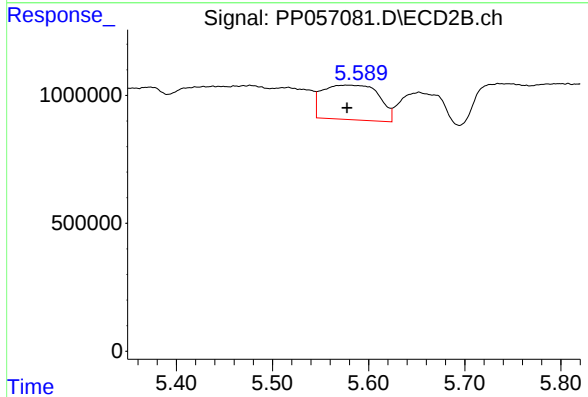
R.T.: 5.205 min
Delta R.T.: 0.023 min
Response: 1424026
Conc: 20.97 ng/ml



#25 AR-1248-5

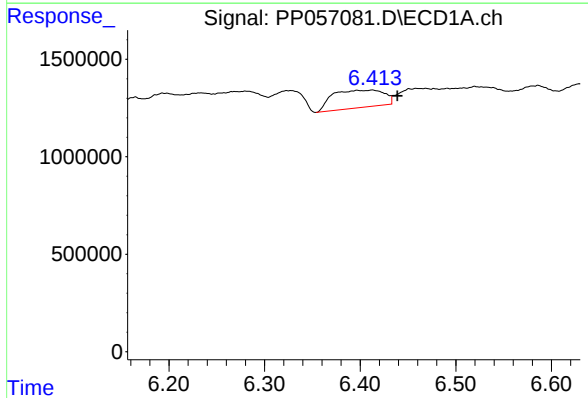
R.T.: 6.521 min
Delta R.T.: 0.017 min
Response: 1569717
Conc: 27.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



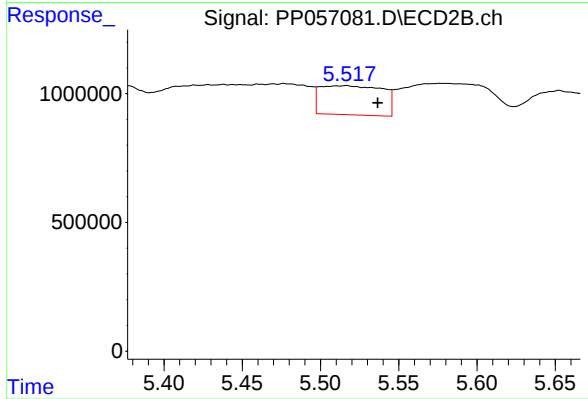
#25 AR-1248-5

R.T.: 5.577 min
Delta R.T.: 0.000 min
Response: 5480413
Conc: 94.31 ng/ml



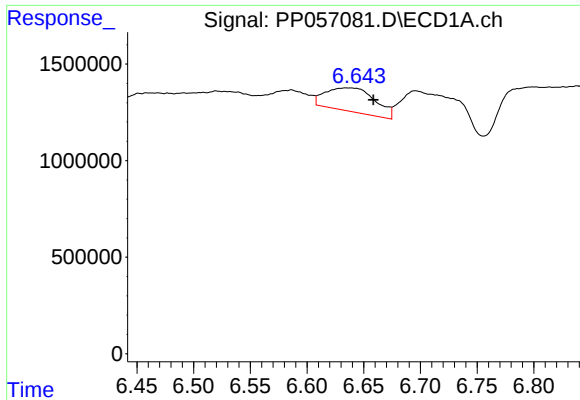
#26 AR-1254-1

R.T.: 6.412 min
Delta R.T.: -0.027 min
Response: 3369963
Conc: 44.62 ng/ml



#26 AR-1254-1

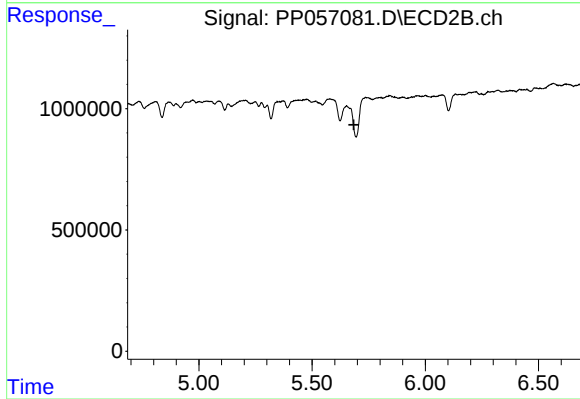
R.T.: 5.516 min
Delta R.T.: -0.020 min
Response: 3144440
Conc: 31.20 ng/ml



#27 AR-1254-2

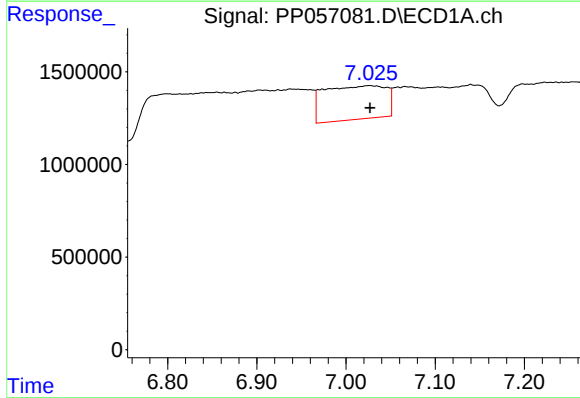
R.T.: 6.636 min
Delta R.T.: -0.022 min
Response: 3700062
Conc: 34.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



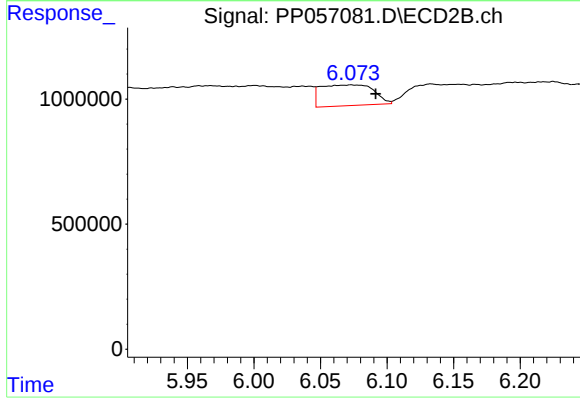
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.



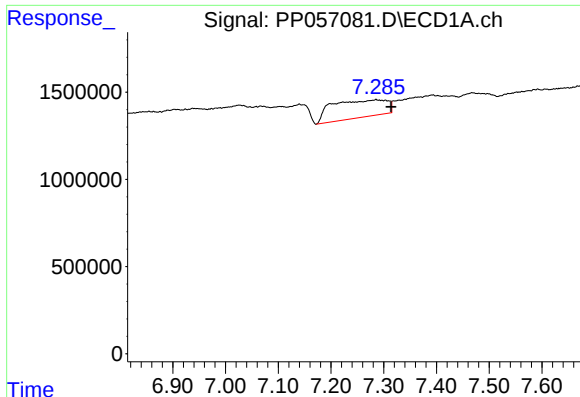
#28 AR-1254-3

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 8774019
Conc: 84.76 ng/ml



#28 AR-1254-3

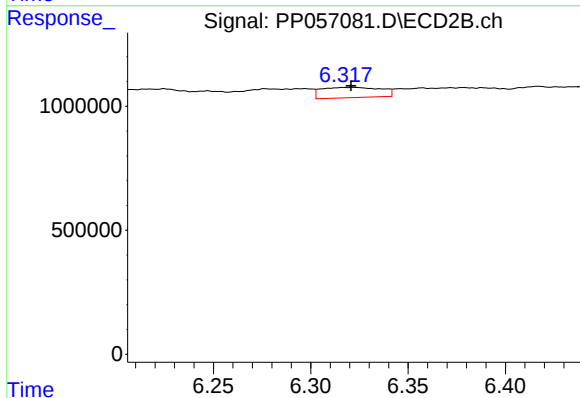
R.T.: 6.073 min
Delta R.T.: -0.018 min
Response: 2299770
Conc: 16.41 ng/ml



#29 AR-1254-4

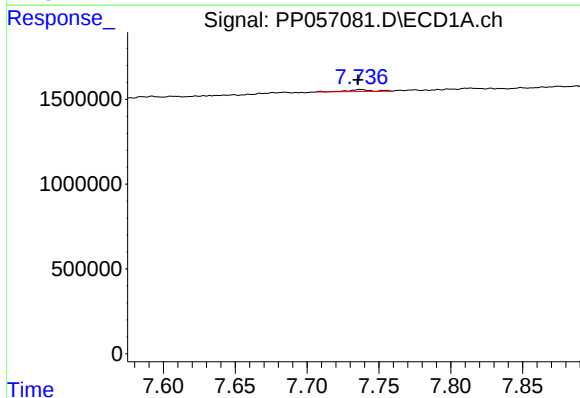
R.T.: 7.285 min
Delta R.T.: -0.028 min
Response: 7314363
Conc: 117.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



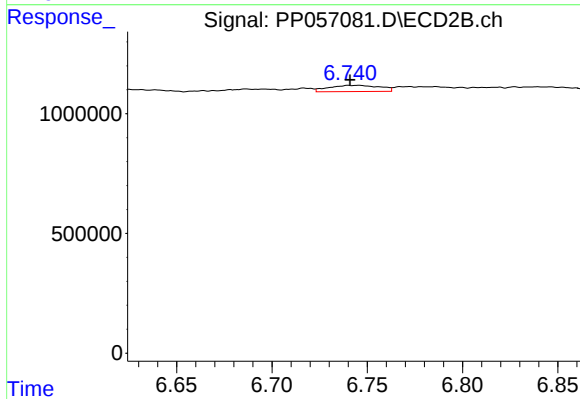
#29 AR-1254-4

R.T.: 6.322 min
Delta R.T.: 0.002 min
Response: 881579
Conc: 11.70 ng/ml



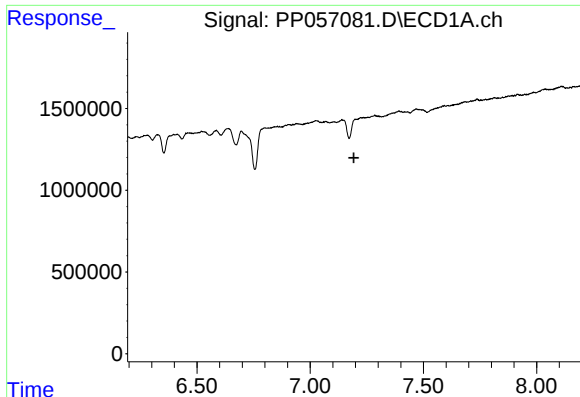
#30 AR-1254-5

R.T.: 7.737 min
Delta R.T.: 0.002 min
Response: 134384
Conc: 1.87 ng/ml



#30 AR-1254-5

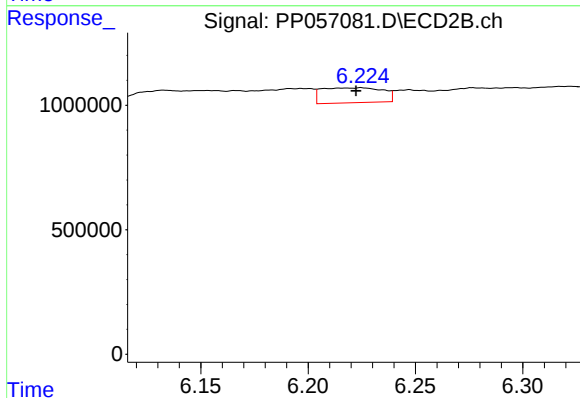
R.T.: 6.745 min
Delta R.T.: 0.005 min
Response: 484505
Conc: 3.94 ng/ml



#31 AR-1260-1

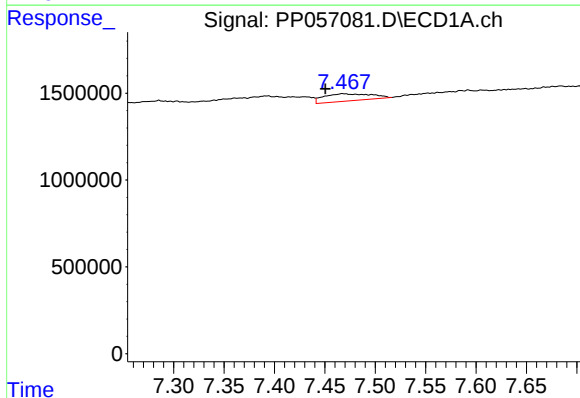
R.T.: 0.000 min
Exp R.T.: 7.193 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



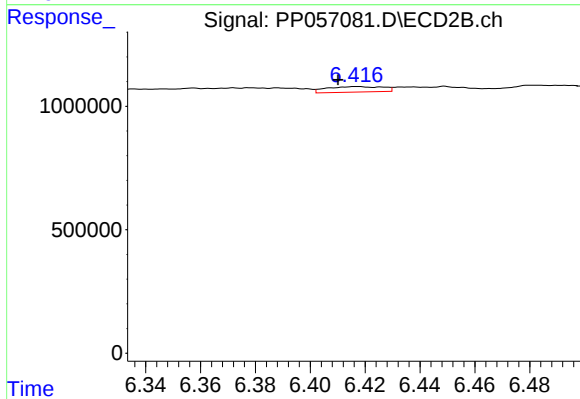
#31 AR-1260-1

R.T.: 6.225 min
Delta R.T.: 0.002 min
Response: 1185463
Conc: 11.70 ng/ml



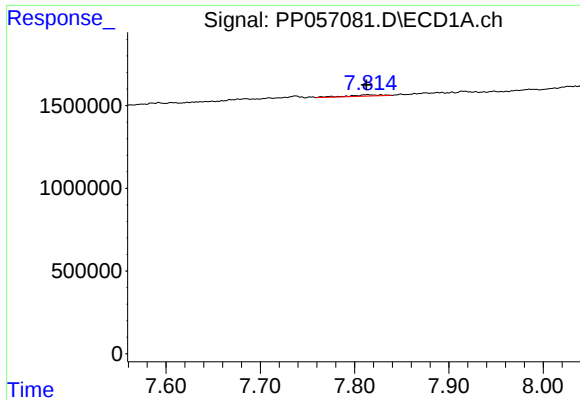
#32 AR-1260-2

R.T.: 7.468 min
Delta R.T.: 0.018 min
Response: 1352899
Conc: 14.73 ng/ml



#32 AR-1260-2

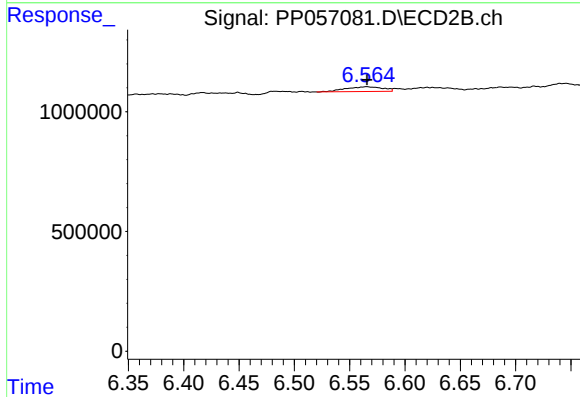
R.T.: 6.417 min
Delta R.T.: 0.007 min
Response: 316362
Conc: 2.72 ng/ml



#33 AR-1260-3

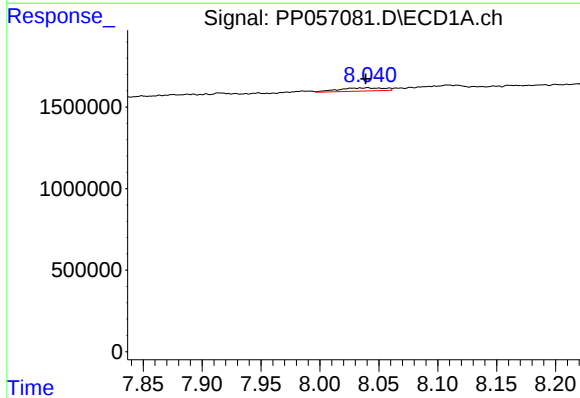
R.T.: 7.814 min
Delta R.T.: 0.001 min
Response: 209704
Conc: 2.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



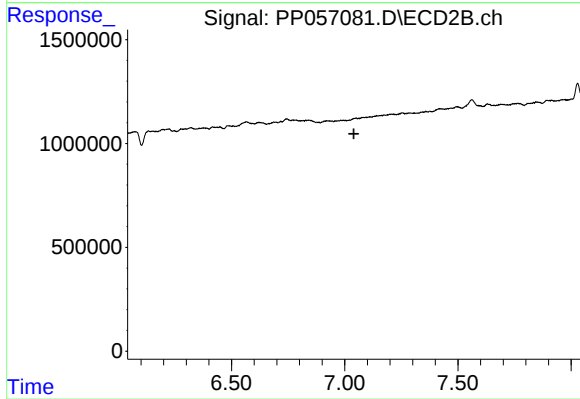
#33 AR-1260-3

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 455783
Conc: 4.12 ng/ml



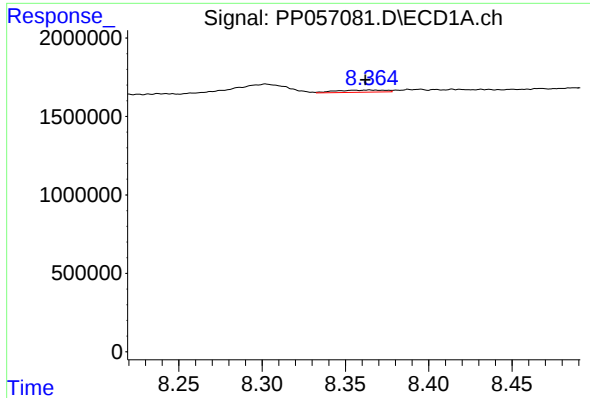
#34 AR-1260-4

R.T.: 8.040 min
Delta R.T.: 0.000 min
Response: 534573
Conc: 6.36 ng/ml



#34 AR-1260-4

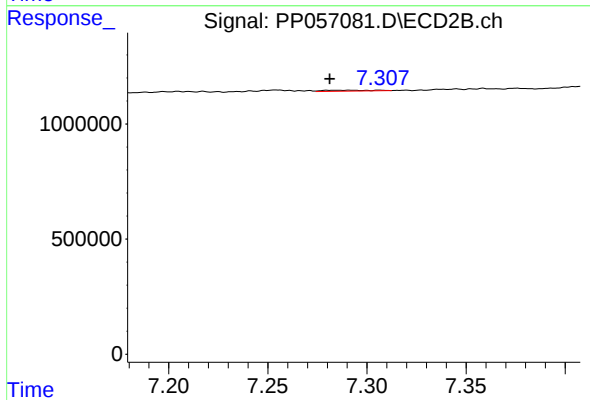
R.T.: 7.051 min
Delta R.T.: 0.010 min
Response: -801
Conc: N.D.



#35 AR-1260-5

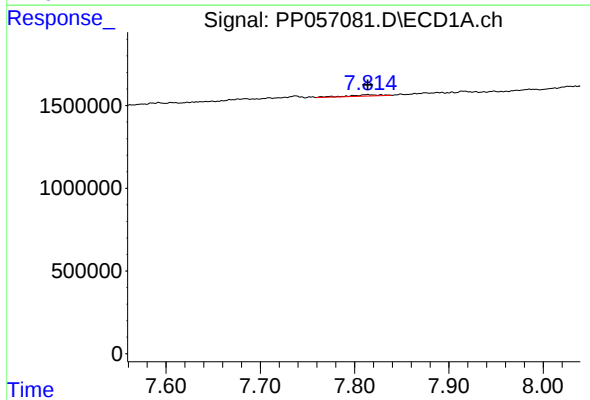
R.T.: 8.365 min
Delta R.T.: 0.003 min
Response: 283587
Conc: 1.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



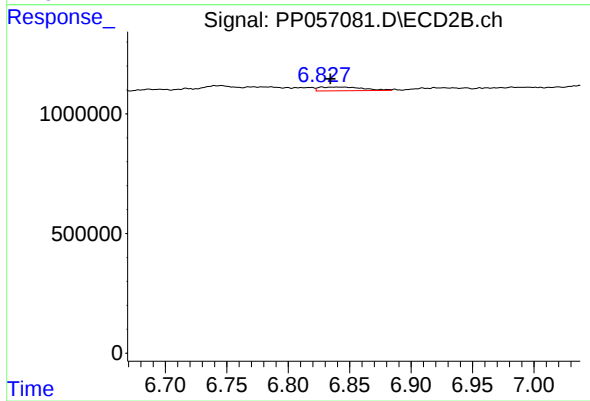
#35 AR-1260-5

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 66192
Conc: 0.37 ng/ml



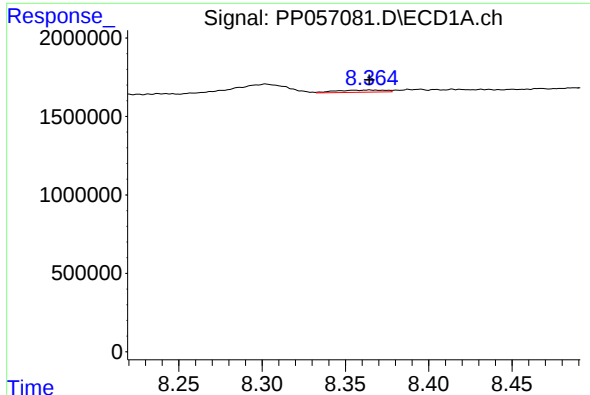
#36 AR-1262-1

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 209704
Conc: 2.08 ng/ml



#36 AR-1262-1

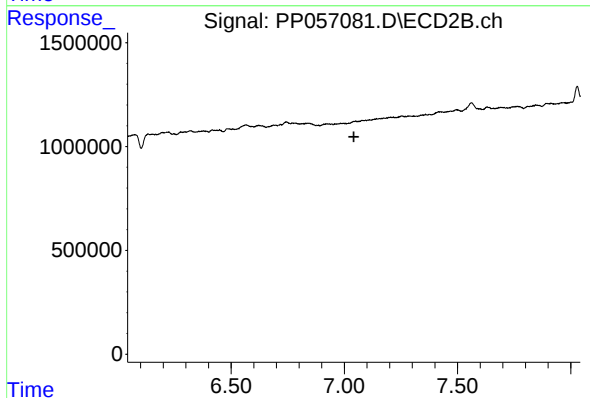
R.T.: 6.827 min
Delta R.T.: -0.007 min
Response: 382766
Conc: 6.71 ng/ml



#37 AR-1262-2

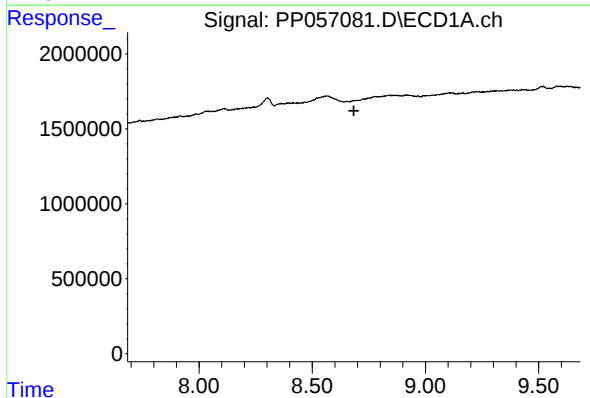
R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 283587
Conc: 1.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



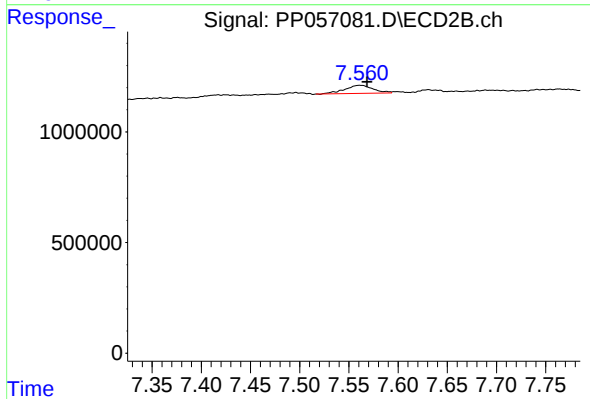
#37 AR-1262-2

R.T.: 7.051 min
Delta R.T.: 0.009 min
Response: -801
Conc: N.D.



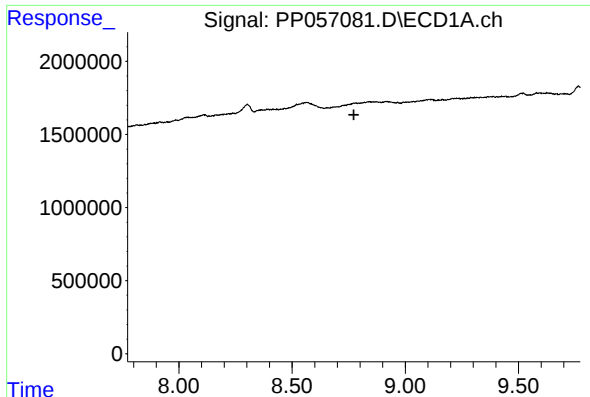
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.684 min
Response: 0
Conc: N.D.



#38 AR-1262-3

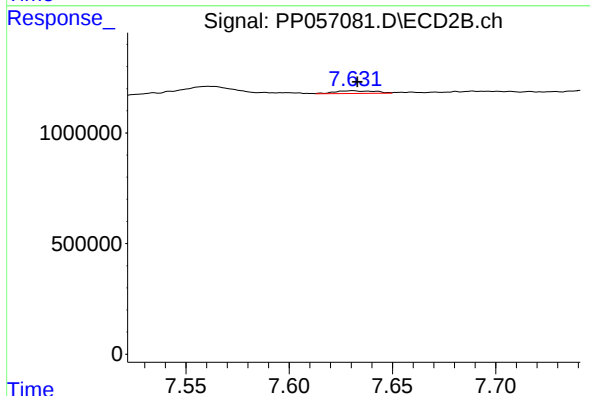
R.T.: 7.561 min
Delta R.T.: -0.007 min
Response: 740595
Conc: 8.17 ng/ml



#39 AR-1262-4

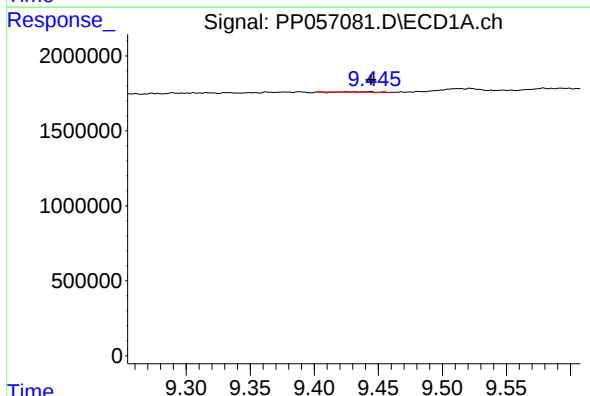
R.T.: 0.000 min
Exp R.T.: 8.773 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



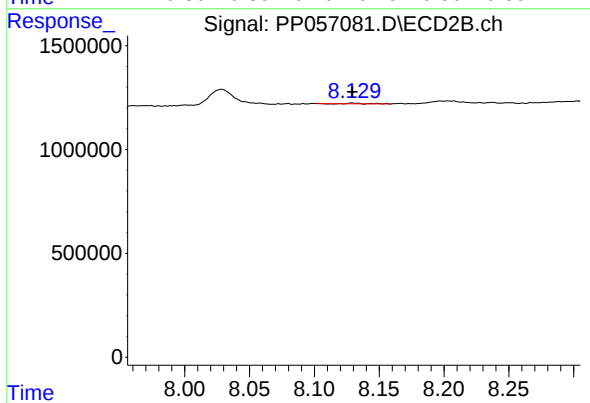
#39 AR-1262-4

R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 161964
Conc: 1.03 ng/ml



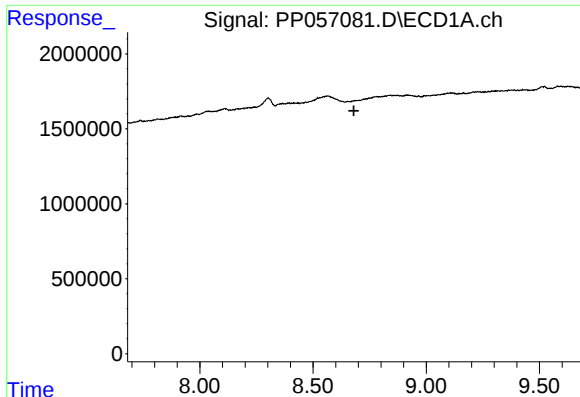
#40 AR-1262-5

R.T.: 9.442 min
Delta R.T.: -0.002 min
Response: 28013
Conc: 0.58 ng/ml



#40 AR-1262-5

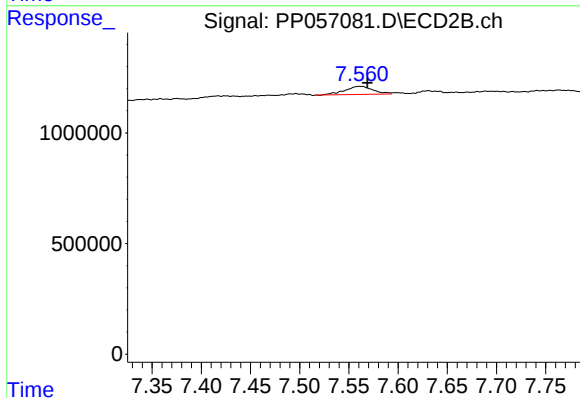
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 23140
Conc: 0.34 ng/ml



#41 AR-1268-1

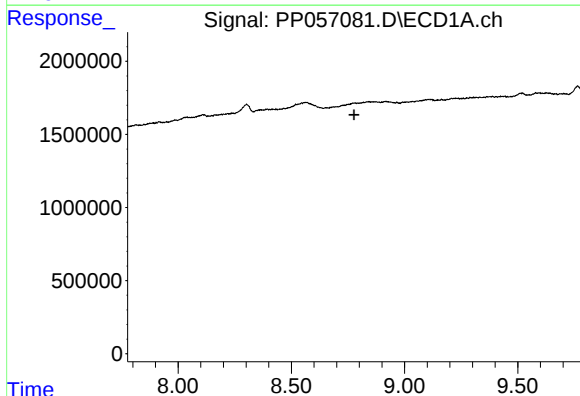
R.T.: 0.000 min
Exp R.T.: 8.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



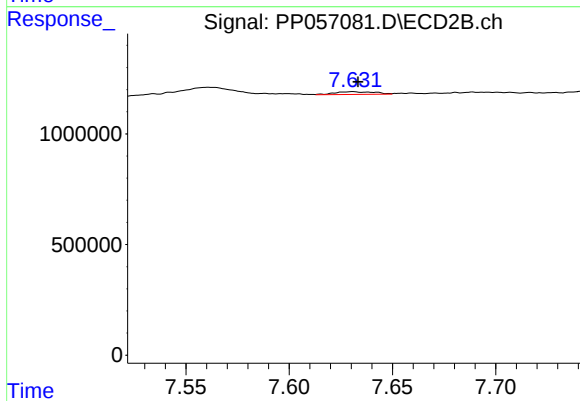
#41 AR-1268-1

R.T.: 7.561 min
Delta R.T.: -0.008 min
Response: 740595
Conc: 2.67 ng/ml



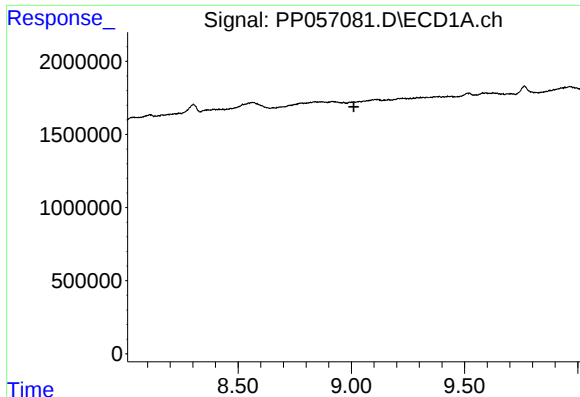
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.777 min
Response: 0
Conc: N.D.



#42 AR-1268-2

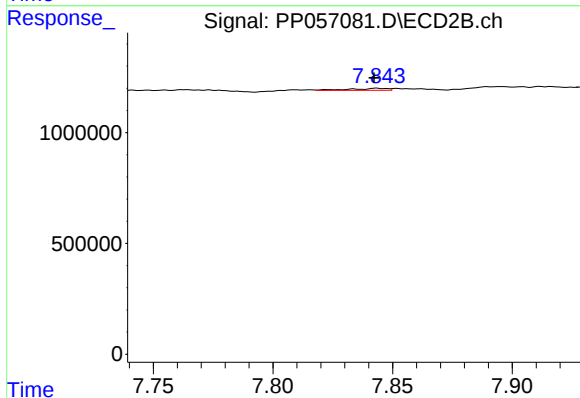
R.T.: 7.631 min
Delta R.T.: -0.003 min
Response: 161964
Conc: 0.65 ng/ml



#43 AR-1268-3

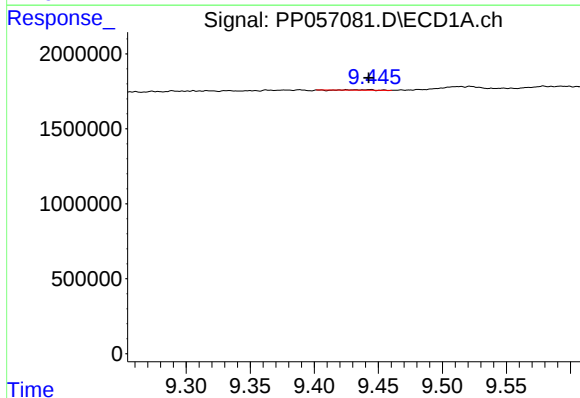
R.T.: 0.000 min
Exp R.T.: 9.011 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



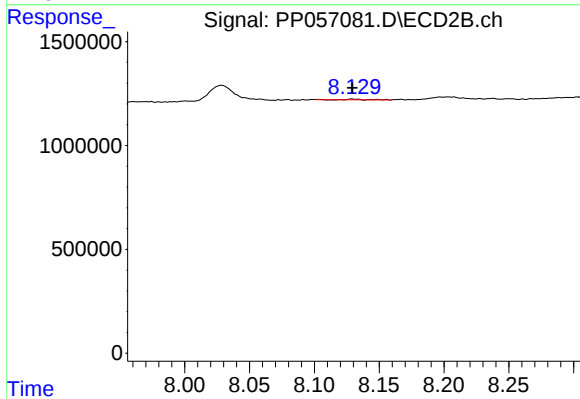
#43 AR-1268-3

R.T.: 7.843 min
Delta R.T.: 0.001 min
Response: 100492
Conc: 0.45 ng/ml



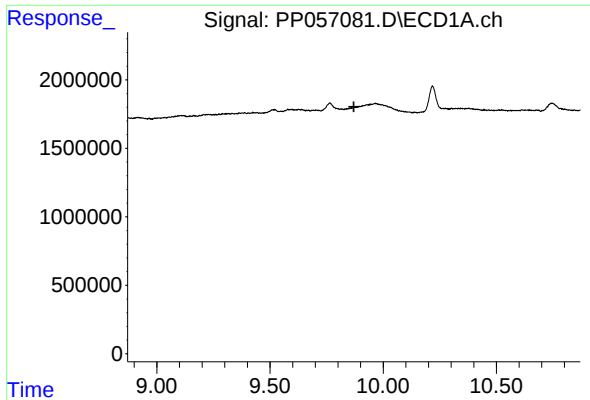
#44 AR-1268-4

R.T.: 9.442 min
Delta R.T.: 0.000 min
Response: 28013
Conc: 0.49 ng/ml



#44 AR-1268-4

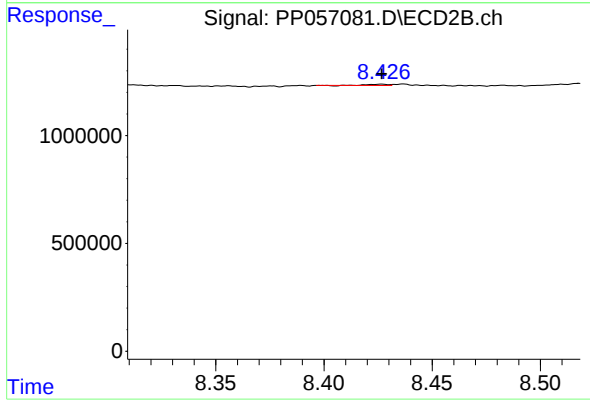
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 23140
Conc: 0.29 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 38818
Conc: 0.07 ng/ml