

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022023\
 Data File : PP055800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2023 14:53
 Operator : YP\AJ
 Sample : 01593-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 00:53:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.326	3.568	35444000	30626349	21.998	20.974
2)	SA Decachlor...	10.080	8.576	38772774	20706253	19.007	18.252
Target Compounds							
3)	L1 AR-1016-1	5.493	4.663	36957	160887	0.619	3.573 #
4)	L1 AR-1016-2	5.521	4.663	117807	160887	1.347	2.477 #
5)	L1 AR-1016-3	5.585	4.843	65443	138947	1.178	3.998 #
6)	L1 AR-1016-4	5.686	4.897	45866	114079	1.029	3.817 #
7)	L1 AR-1016-5	5.970	5.088	31717	368559	0.657	9.323 #
8)	L2 AR-1221-1	4.534	3.777	378000	47656	18.160	2.653 #
9)	L2 AR-1221-2	4.632	3.867	627401	512050	39.443	38.989
10)	L2 AR-1221-3	4.694	3.942	38586	95360	0.795	2.285 #
11)	L3 AR-1232-1	4.694	3.942	38586	95360	0.974	2.770 #
12)	L3 AR-1232-2	5.228	4.663	34871	160887	1.679	5.482 #
13)	L3 AR-1232-3	5.521	4.843	117807	138947	2.990	9.143 #
14)	L3 AR-1232-4	5.686	4.939	45866	175170	2.341	11.555 #
15)	L3 AR-1232-5	5.776	5.088	34166	368559	2.136	22.485 #
16)	L4 AR-1242-1	5.493	4.663	36957	160887	0.765	4.373 #
17)	L4 AR-1242-2	5.521	4.663	117807	160887	1.658	3.055 #
18)	L4 AR-1242-3	5.585	4.843	65443	138947	1.467	4.908 #
19)	L4 AR-1242-4	5.686	4.939	45866	175170	1.269	5.678 #
20)	L4 AR-1242-5	6.423	5.448	82571	100010	1.971	3.002 #
21)	L5 AR-1248-1	5.493	4.663	36957	160887	1.016	5.761 #
22)	L5 AR-1248-2	5.776	4.897	34166	114079	0.594	2.682 #
23)	L5 AR-1248-3	5.970	4.939	31717	175170	0.488	3.936 #
24)	L5 AR-1248-4	6.378	5.088	141411	368559	1.949	7.198 #
25)	L5 AR-1248-5	6.423	5.500	82571	121595	1.165	2.759 #
26)	L6 AR-1254-1	6.359	5.448	125912	100010	1.713	1.359
27)	L6 AR-1254-2	6.582	0.000	38666	0	0.335	N.D. #
28)	L6 AR-1254-3	6.945	6.026f	241262	146246	1.960	1.491
29)	L6 AR-1254-4	7.231	6.220f	28395	132128	0.309	2.400 #
30)	L6 AR-1254-5	7.652	6.660	367714	170814	3.499	2.102 #
31)	L7 AR-1260-1	7.110	6.142	343710	87197	3.319	1.196 #
32)	L7 AR-1260-2	7.361	6.325	218012	133920	1.733	1.641
33)	L7 AR-1260-3	7.729	6.466	41904	237784	0.477	2.814 #
34)	L7 AR-1260-4	7.949	0.000	154856	0	1.441	N.D. #
35)	L7 AR-1260-5	8.267	7.192	169123	125431	0.819	0.927
36)	L8 AR-1262-1	7.729	0.000	41904	0	0.355	N.D. #
37)	L8 AR-1262-2	8.267	0.000	169123	0	0.771	N.D. #
38)	L8 AR-1262-3	8.585	7.505f	36002	104641	0.235	1.886 #
39)	L8 AR-1262-4	8.667	7.545	126102	214323	1.675	2.111 #
40)	L8 AR-1262-5	9.323	8.061f	51788	253732	0.628	5.579 #
41)	L9 AR-1268-1	8.567	7.505f	64330	104641	0.225	0.622 #

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2023 14:53
Operator : YP\AJ
Sample : 01593-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

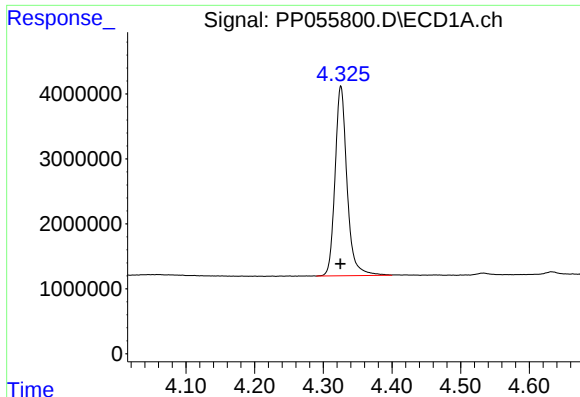
Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 00:53:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Feb 20 05:24:03 2023
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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	8.667	7.545	126102	214323	0.473	1.401 #
43)	L9 AR-1268-3	8.898	7.769f	100599	95421	0.427	0.695 #
44)	L9 AR-1268-4	9.323	8.061f	51788	253732	0.525	4.612 #
45)	L9 AR-1268-5	9.729	8.327	176151	270079	0.234	0.670 #

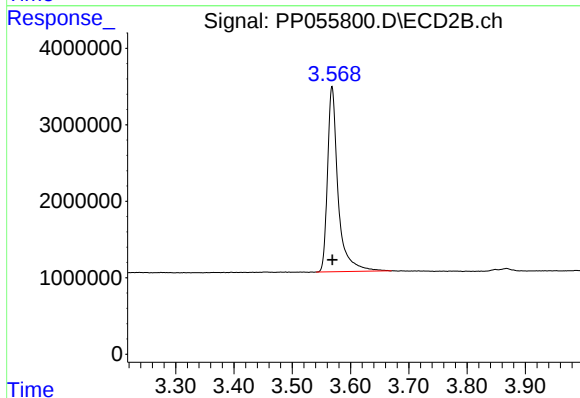
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

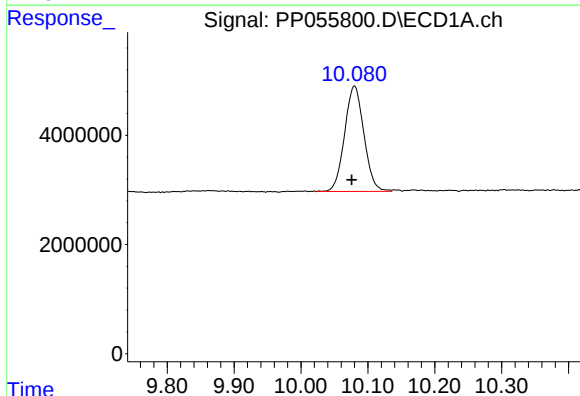
R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 35444000
Conc: 22.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



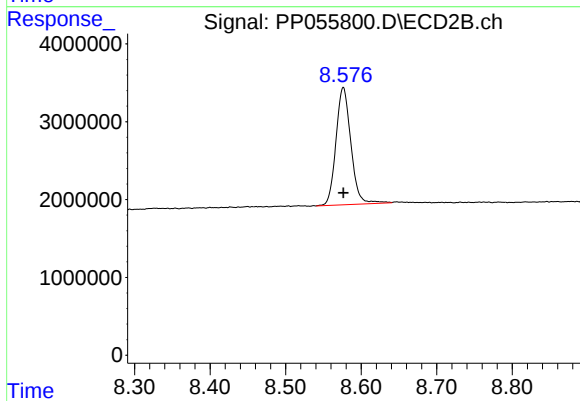
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: 0.000 min
Response: 30626349
Conc: 20.97 ng/ml



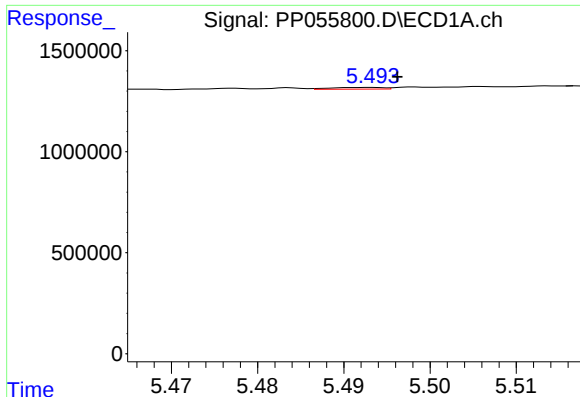
#2 Decachlorobiphenyl

R.T.: 10.080 min
Delta R.T.: 0.004 min
Response: 38772774
Conc: 19.01 ng/ml



#2 Decachlorobiphenyl

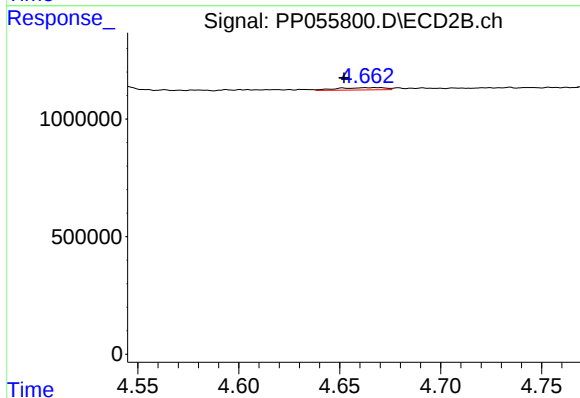
R.T.: 8.576 min
Delta R.T.: 0.000 min
Response: 20706253
Conc: 18.25 ng/ml



#3 AR-1016-1

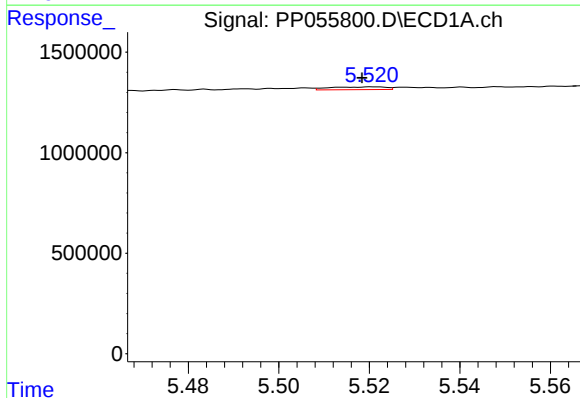
R.T.: 5.493 min
Delta R.T.: -0.003 min
Response: 36957
Conc: 0.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



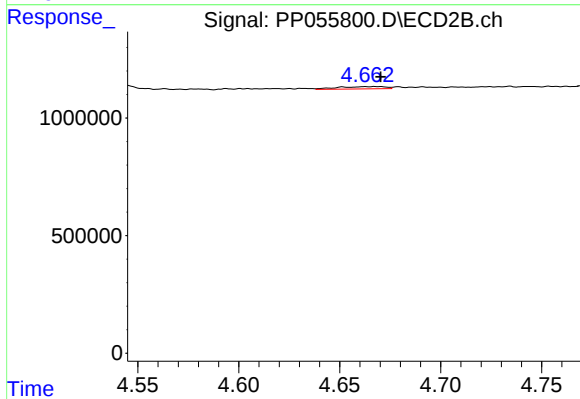
#3 AR-1016-1

R.T.: 4.663 min
Delta R.T.: 0.011 min
Response: 160887
Conc: 3.57 ng/ml



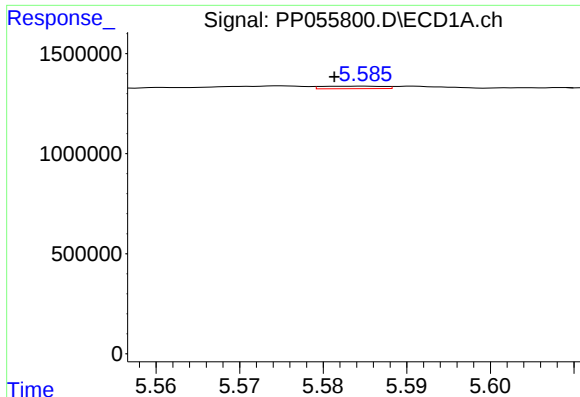
#4 AR-1016-2

R.T.: 5.521 min
Delta R.T.: 0.002 min
Response: 117807
Conc: 1.35 ng/ml



#4 AR-1016-2

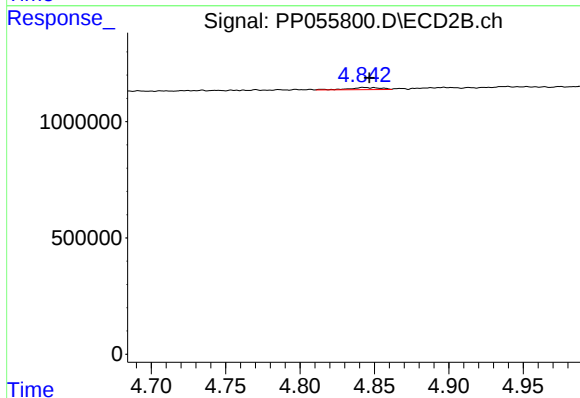
R.T.: 4.663 min
Delta R.T.: -0.007 min
Response: 160887
Conc: 2.48 ng/ml



#5 AR-1016-3

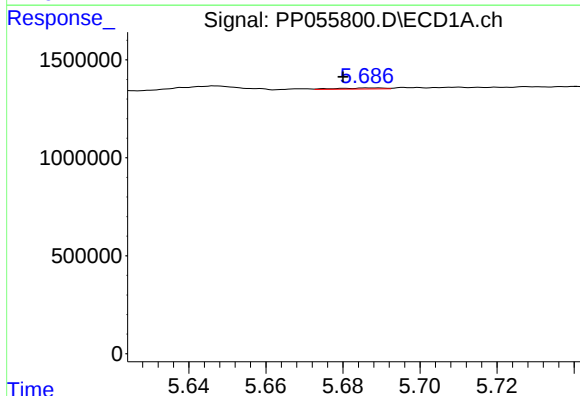
R.T.: 5.585 min
Delta R.T.: 0.004 min
Response: 65443
Conc: 1.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



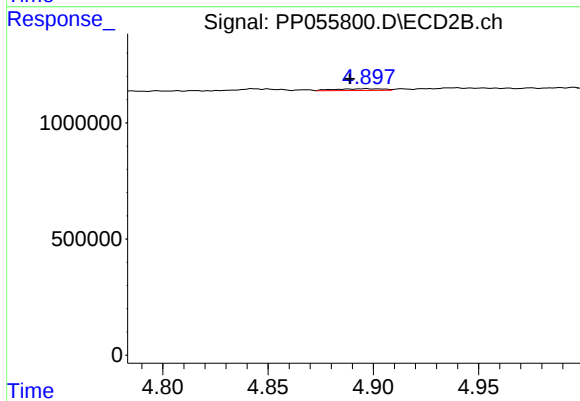
#5 AR-1016-3

R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 138947
Conc: 4.00 ng/ml



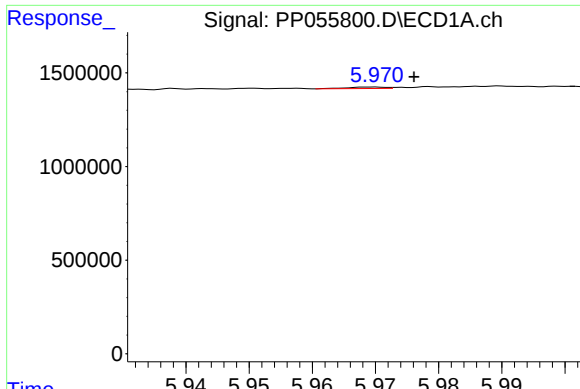
#6 AR-1016-4

R.T.: 5.686 min
Delta R.T.: 0.006 min
Response: 45866
Conc: 1.03 ng/ml



#6 AR-1016-4

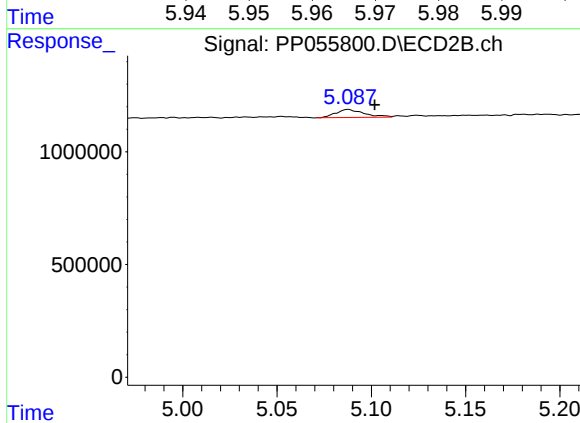
R.T.: 4.897 min
Delta R.T.: 0.008 min
Response: 114079
Conc: 3.82 ng/ml



#7 AR-1016-5

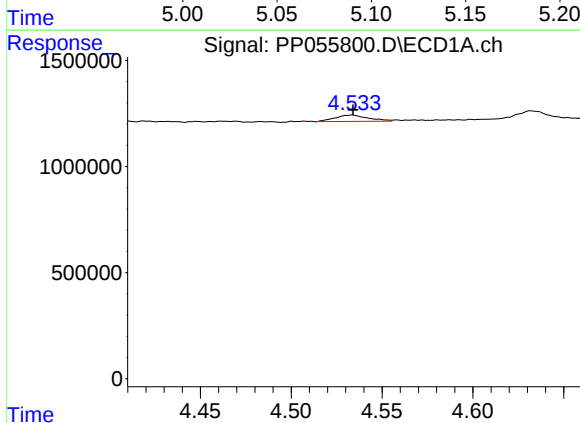
R.T.: 5.970 min
Delta R.T.: -0.006 min
Response: 31717
Conc: 0.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



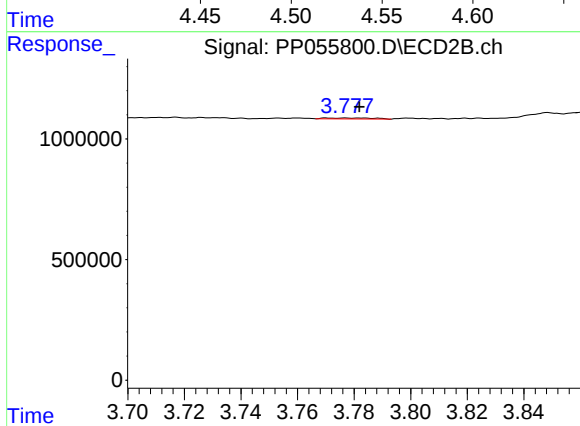
#7 AR-1016-5

R.T.: 5.088 min
Delta R.T.: -0.014 min
Response: 368559
Conc: 9.32 ng/ml



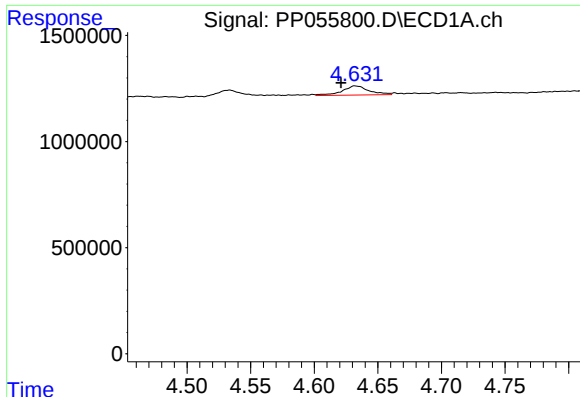
#8 AR-1221-1

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 378000
Conc: 18.16 ng/ml



#8 AR-1221-1

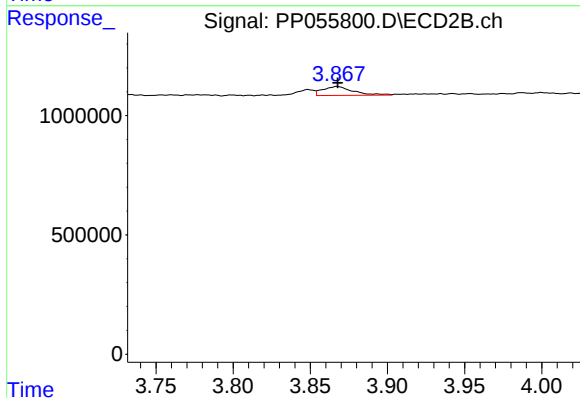
R.T.: 3.777 min
Delta R.T.: -0.005 min
Response: 47656
Conc: 2.65 ng/ml



#9 AR-1221-2

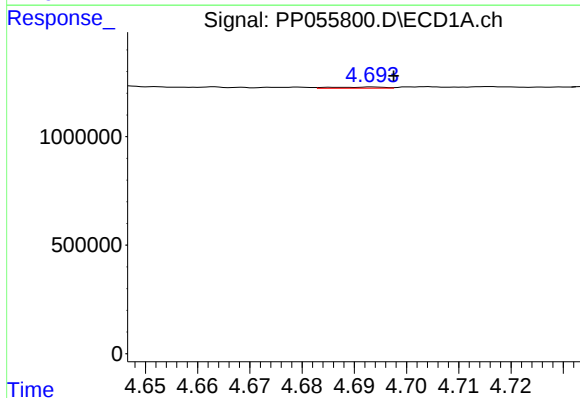
R.T.: 4.632 min
Delta R.T.: 0.011 min
Response: 627401
Conc: 39.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



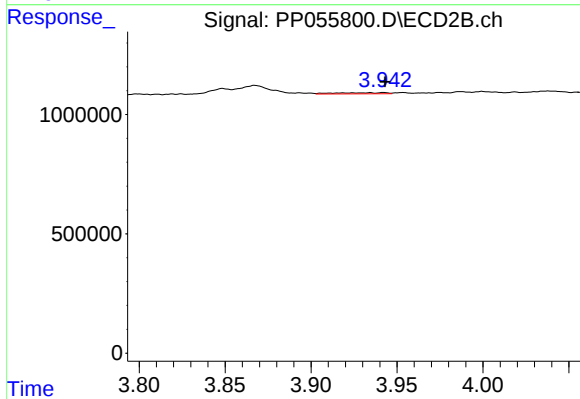
#9 AR-1221-2

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 512050
Conc: 38.99 ng/ml



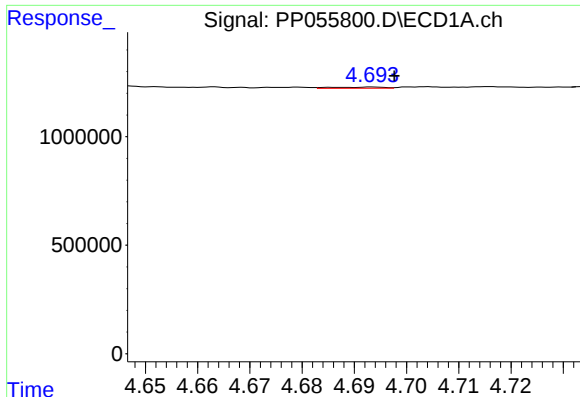
#10 AR-1221-3

R.T.: 4.694 min
Delta R.T.: -0.004 min
Response: 38586
Conc: 0.80 ng/ml



#10 AR-1221-3

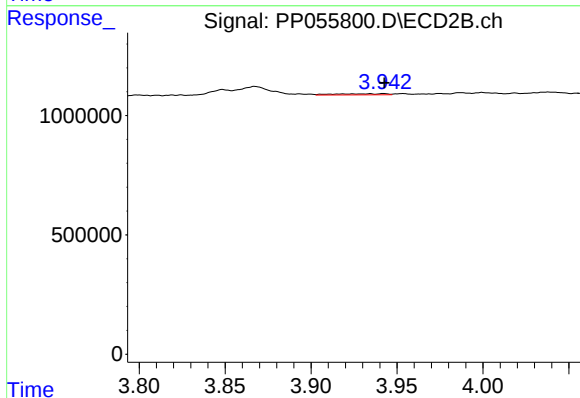
R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 95360
Conc: 2.28 ng/ml



#11 AR-1232-1

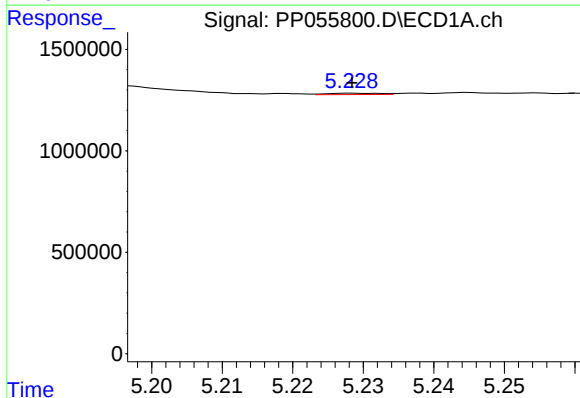
R.T.: 4.694 min
Delta R.T.: -0.004 min
Response: 38586
Conc: 0.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



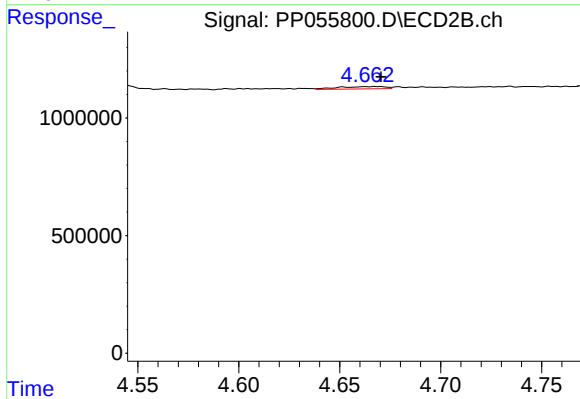
#11 AR-1232-1

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 95360
Conc: 2.77 ng/ml



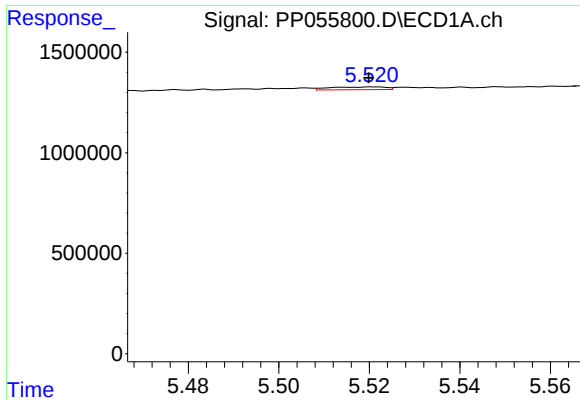
#12 AR-1232-2

R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 34871
Conc: 1.68 ng/ml



#12 AR-1232-2

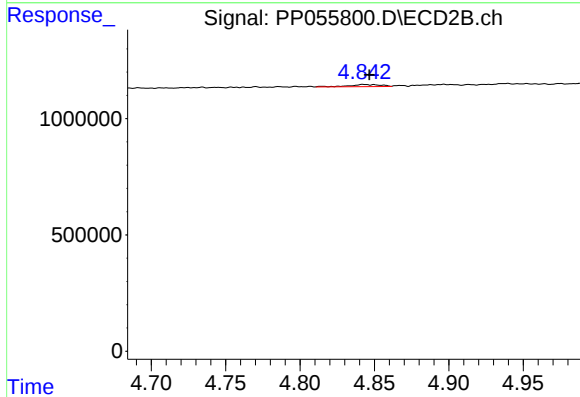
R.T.: 4.663 min
Delta R.T.: -0.007 min
Response: 160887
Conc: 5.48 ng/ml



#13 AR-1232-3

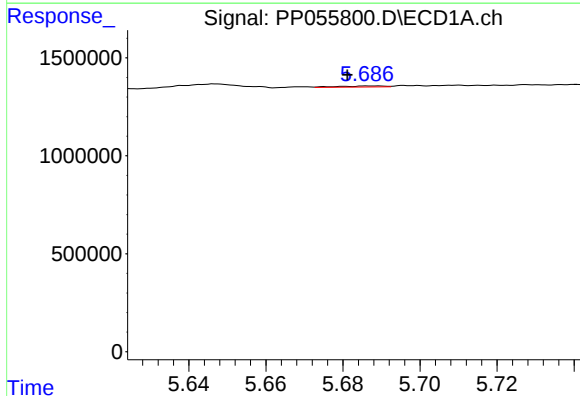
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 117807
Conc: 2.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



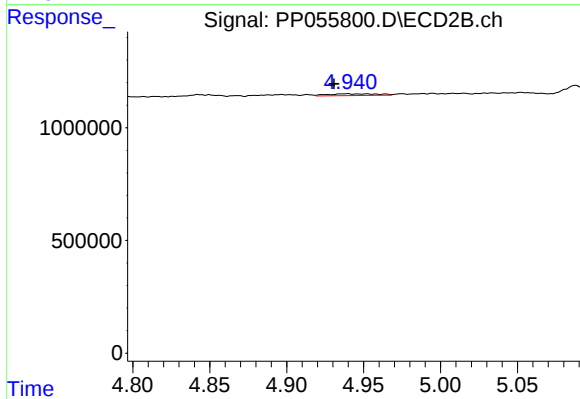
#13 AR-1232-3

R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 138947
Conc: 9.14 ng/ml



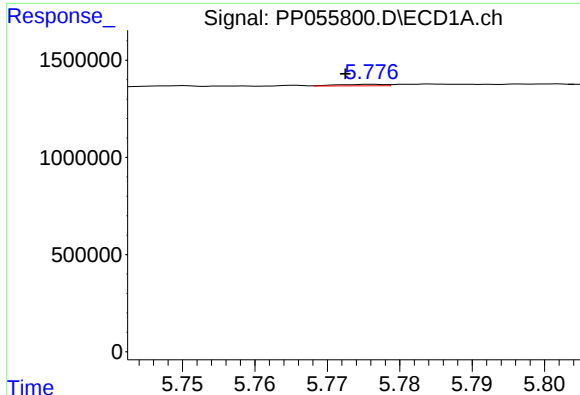
#14 AR-1232-4

R.T.: 5.686 min
Delta R.T.: 0.005 min
Response: 45866
Conc: 2.34 ng/ml



#14 AR-1232-4

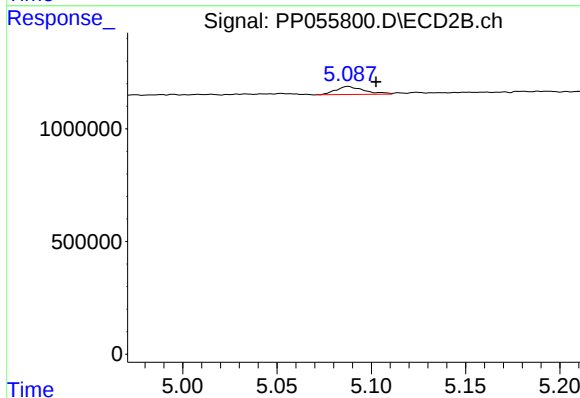
R.T.: 4.939 min
Delta R.T.: 0.008 min
Response: 175170
Conc: 11.56 ng/ml



#15 AR-1232-5

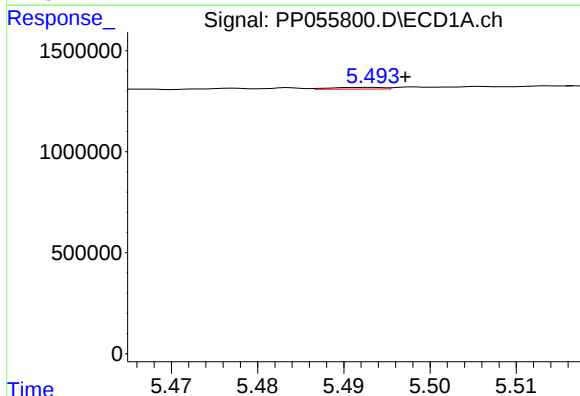
R.T.: 5.776 min
Delta R.T.: 0.004 min
Response: 34166
Conc: 2.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



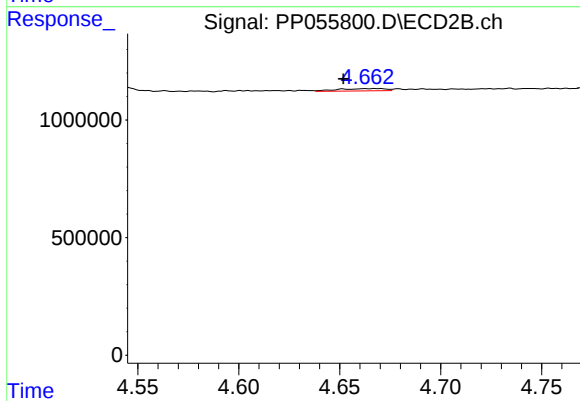
#15 AR-1232-5

R.T.: 5.088 min
Delta R.T.: -0.015 min
Response: 368559
Conc: 22.48 ng/ml



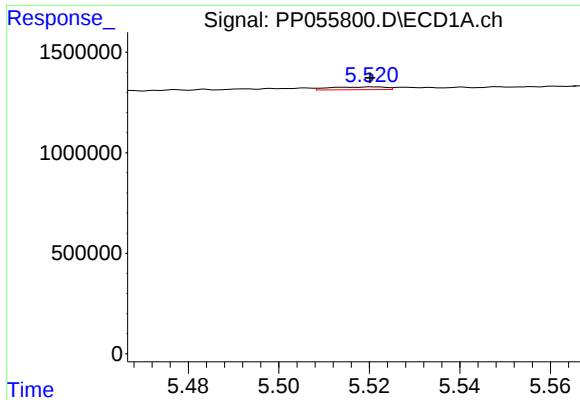
#16 AR-1242-1

R.T.: 5.493 min
Delta R.T.: -0.004 min
Response: 36957
Conc: 0.77 ng/ml



#16 AR-1242-1

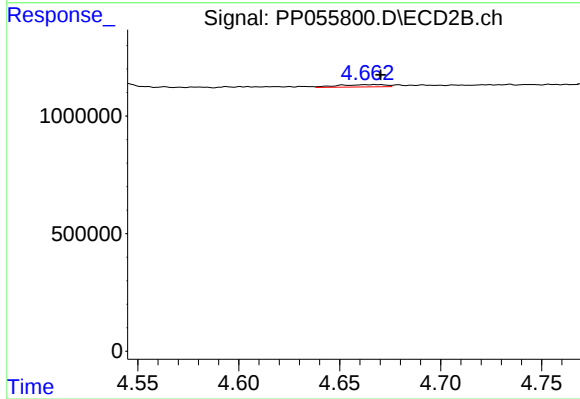
R.T.: 4.663 min
Delta R.T.: 0.012 min
Response: 160887
Conc: 4.37 ng/ml



#17 AR-1242-2

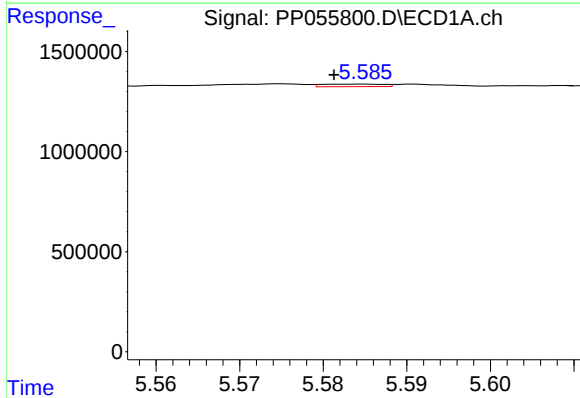
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 117807
Conc: 1.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



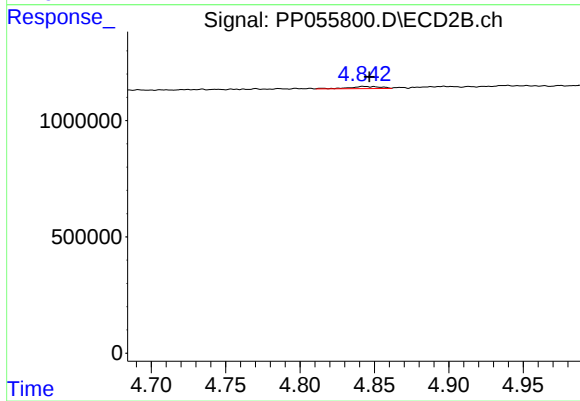
#17 AR-1242-2

R.T.: 4.663 min
Delta R.T.: -0.007 min
Response: 160887
Conc: 3.05 ng/ml



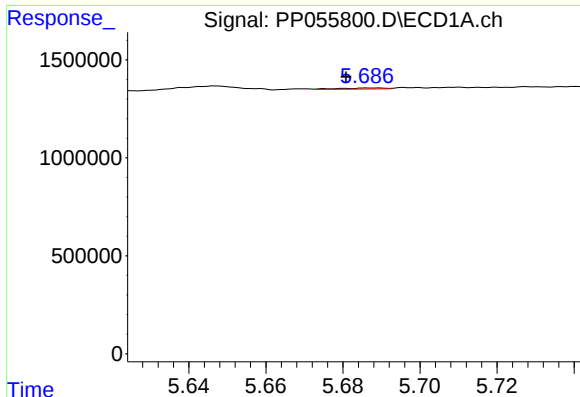
#18 AR-1242-3

R.T.: 5.585 min
Delta R.T.: 0.004 min
Response: 65443
Conc: 1.47 ng/ml



#18 AR-1242-3

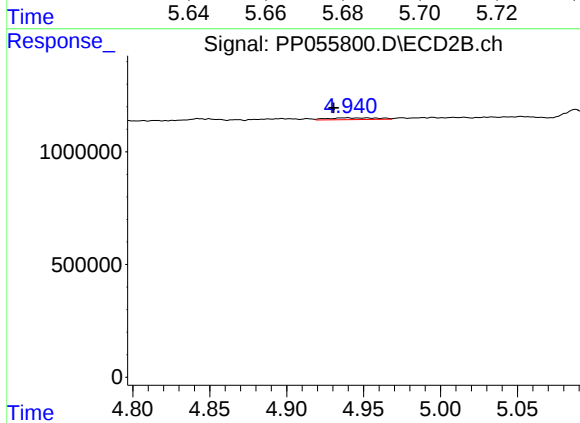
R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 138947
Conc: 4.91 ng/ml



#19 AR-1242-4

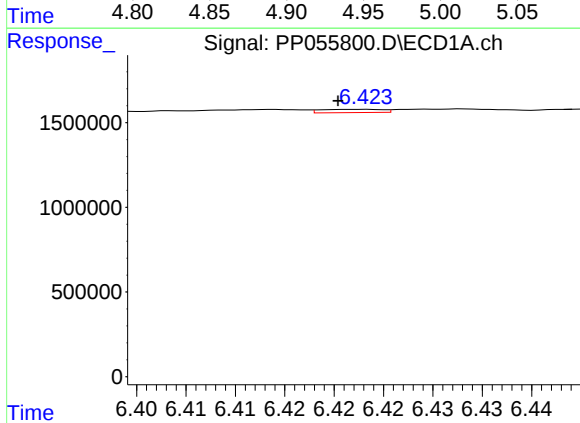
R.T.: 5.686 min
Delta R.T.: 0.005 min
Response: 45866
Conc: 1.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



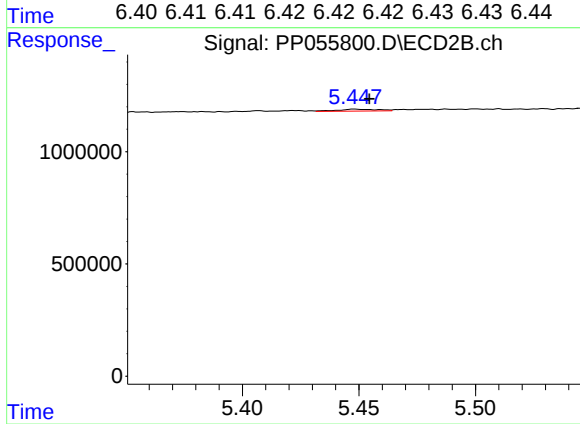
#19 AR-1242-4

R.T.: 4.939 min
Delta R.T.: 0.009 min
Response: 175170
Conc: 5.68 ng/ml



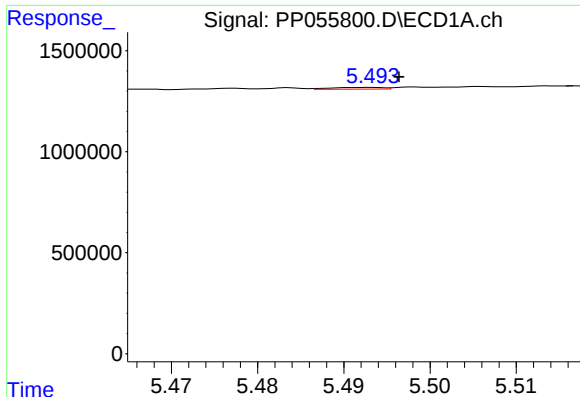
#20 AR-1242-5

R.T.: 6.423 min
Delta R.T.: 0.003 min
Response: 82571
Conc: 1.97 ng/ml



#20 AR-1242-5

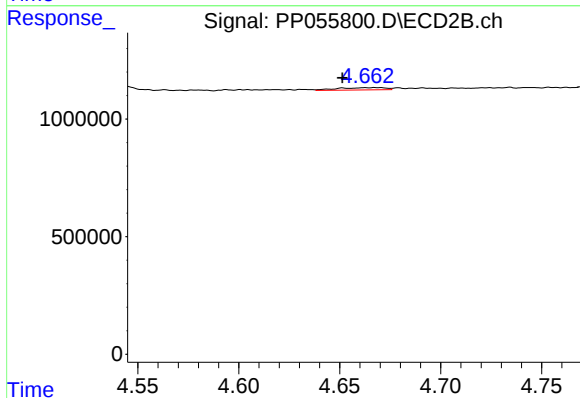
R.T.: 5.448 min
Delta R.T.: -0.006 min
Response: 100010
Conc: 3.00 ng/ml



#21 AR-1248-1

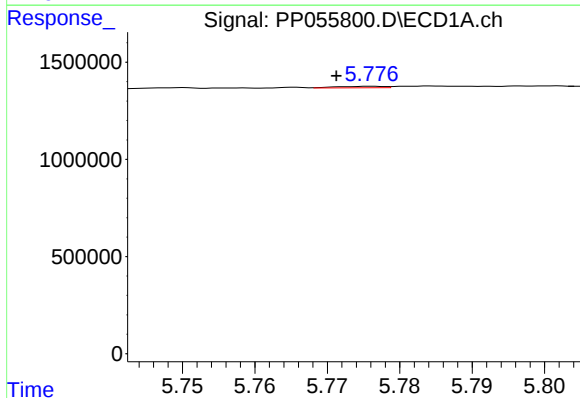
R.T.: 5.493 min
Delta R.T.: -0.003 min
Response: 36957
Conc: 1.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



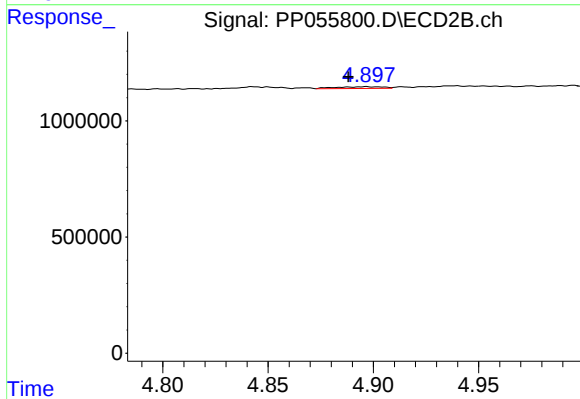
#21 AR-1248-1

R.T.: 4.663 min
Delta R.T.: 0.012 min
Response: 160887
Conc: 5.76 ng/ml



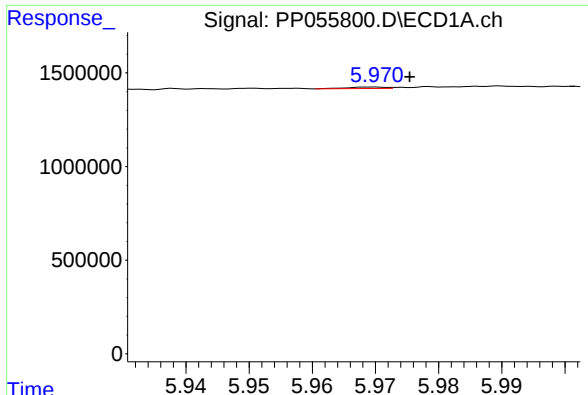
#22 AR-1248-2

R.T.: 5.776 min
Delta R.T.: 0.005 min
Response: 34166
Conc: 0.59 ng/ml



#22 AR-1248-2

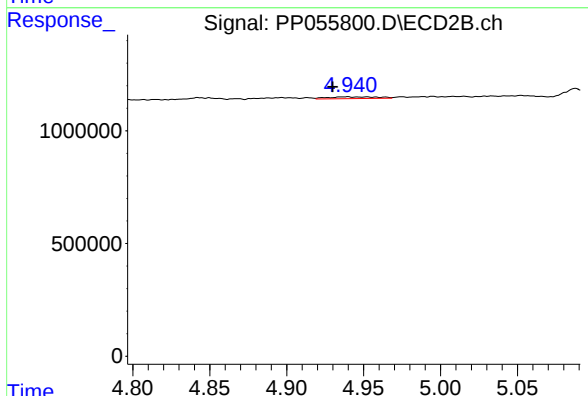
R.T.: 4.897 min
Delta R.T.: 0.008 min
Response: 114079
Conc: 2.68 ng/ml



#23 AR-1248-3

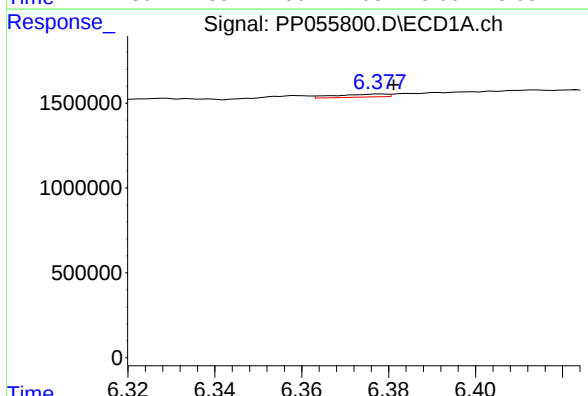
R.T.: 5.970 min
Delta R.T.: -0.006 min
Response: 31717
Conc: 0.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



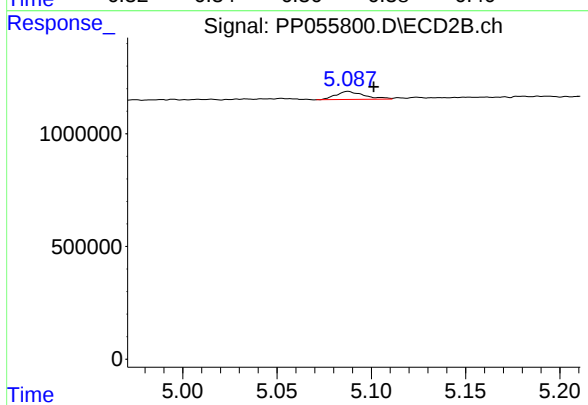
#23 AR-1248-3

R.T.: 4.939 min
Delta R.T.: 0.009 min
Response: 175170
Conc: 3.94 ng/ml



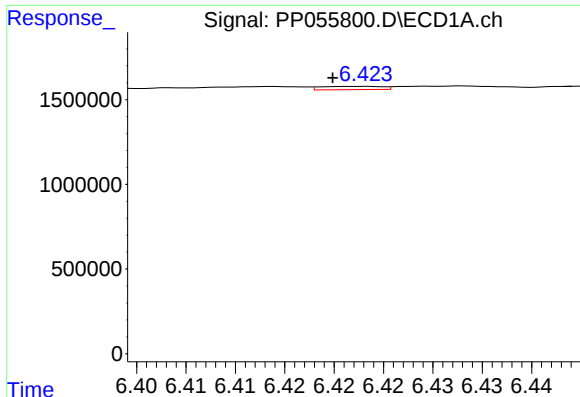
#24 AR-1248-4

R.T.: 6.378 min
Delta R.T.: -0.003 min
Response: 141411
Conc: 1.95 ng/ml



#24 AR-1248-4

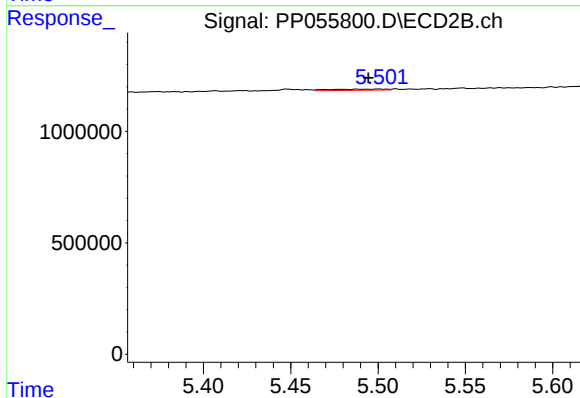
R.T.: 5.088 min
Delta R.T.: -0.014 min
Response: 368559
Conc: 7.20 ng/ml



#25 AR-1248-5

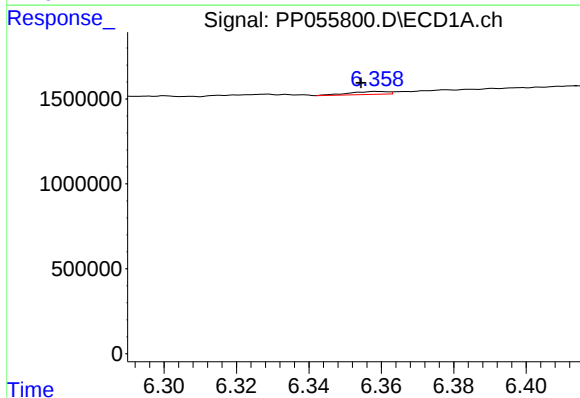
R.T.: 6.423 min
Delta R.T.: 0.003 min
Response: 82571
Conc: 1.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



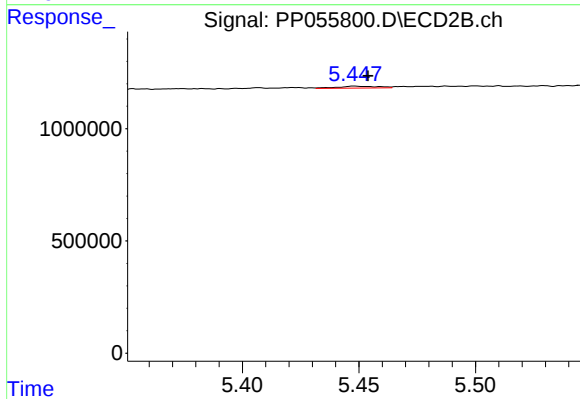
#25 AR-1248-5

R.T.: 5.500 min
Delta R.T.: 0.006 min
Response: 121595
Conc: 2.76 ng/ml



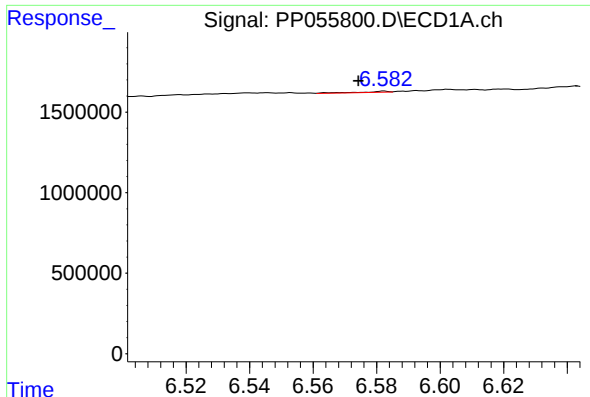
#26 AR-1254-1

R.T.: 6.359 min
Delta R.T.: 0.004 min
Response: 125912
Conc: 1.71 ng/ml



#26 AR-1254-1

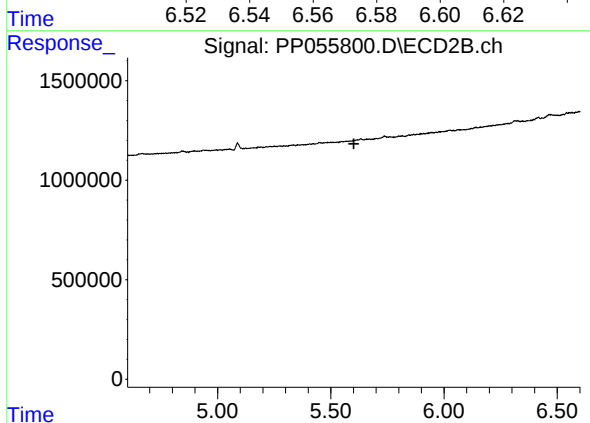
R.T.: 5.448 min
Delta R.T.: -0.006 min
Response: 100010
Conc: 1.36 ng/ml



#27 AR-1254-2

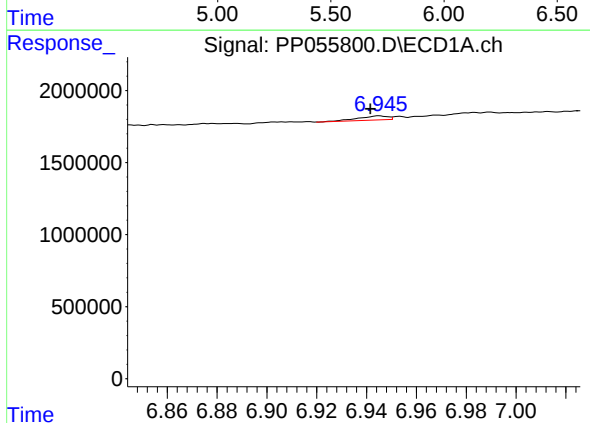
R.T.: 6.582 min
Delta R.T.: 0.008 min
Response: 38666
Conc: 0.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



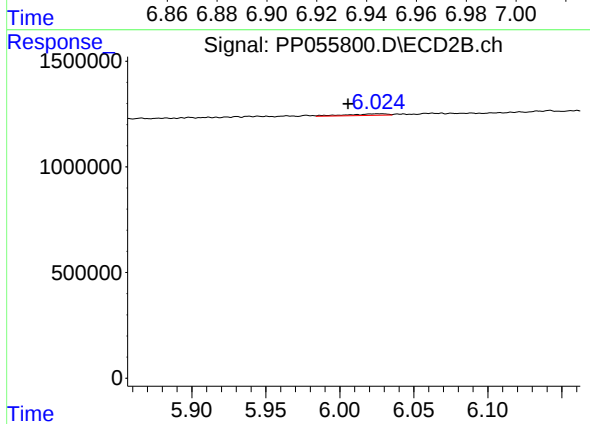
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.602 min
Response: 0
Conc: N.D.



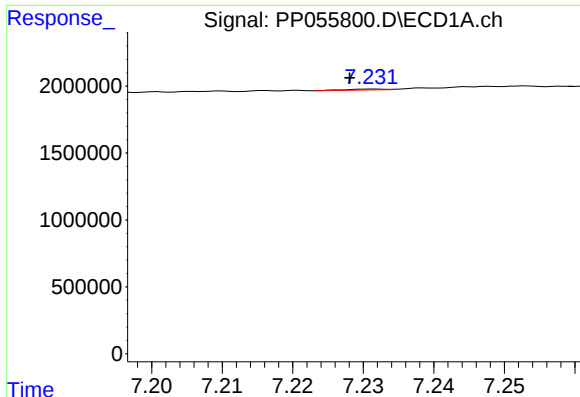
#28 AR-1254-3

R.T.: 6.945 min
Delta R.T.: 0.004 min
Response: 241262
Conc: 1.96 ng/ml



#28 AR-1254-3

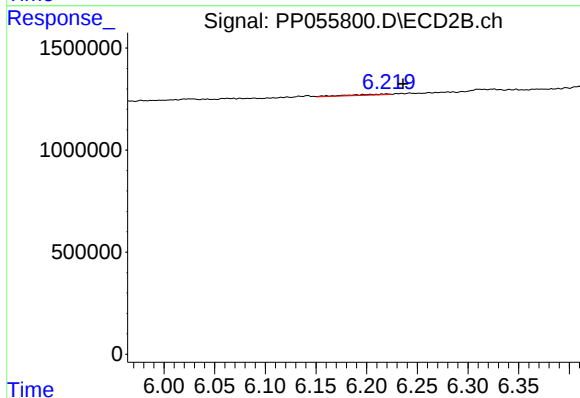
R.T.: 6.026 min
Delta R.T.: 0.020 min
Response: 146246
Conc: 1.49 ng/ml



#29 AR-1254-4

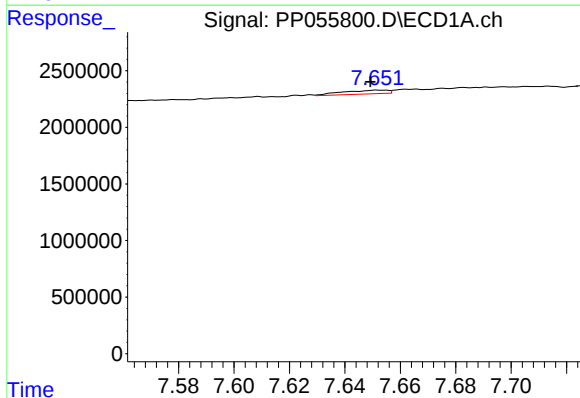
R.T.: 7.231 min
Delta R.T.: 0.003 min
Response: 28395
Conc: 0.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



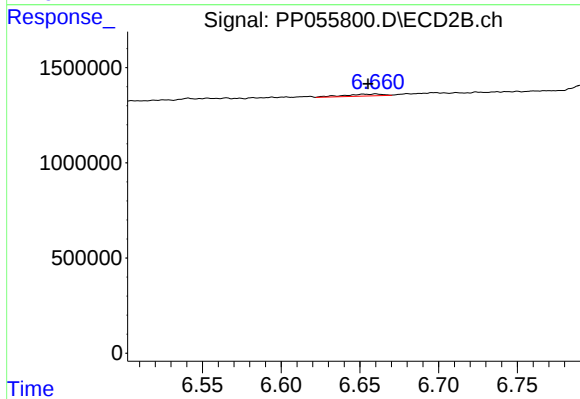
#29 AR-1254-4

R.T.: 6.220 min
Delta R.T.: -0.016 min
Response: 132128
Conc: 2.40 ng/ml



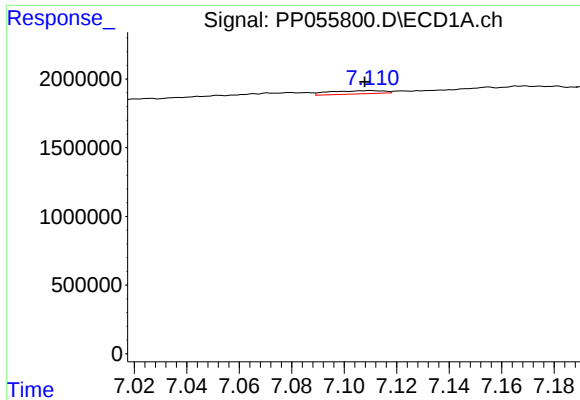
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: 0.002 min
Response: 367714
Conc: 3.50 ng/ml



#30 AR-1254-5

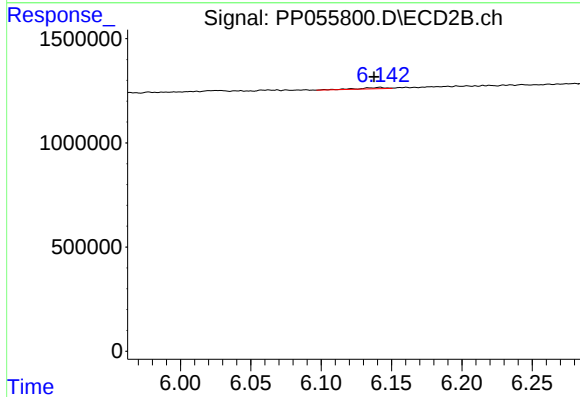
R.T.: 6.660 min
Delta R.T.: 0.005 min
Response: 170814
Conc: 2.10 ng/ml



#31 AR-1260-1

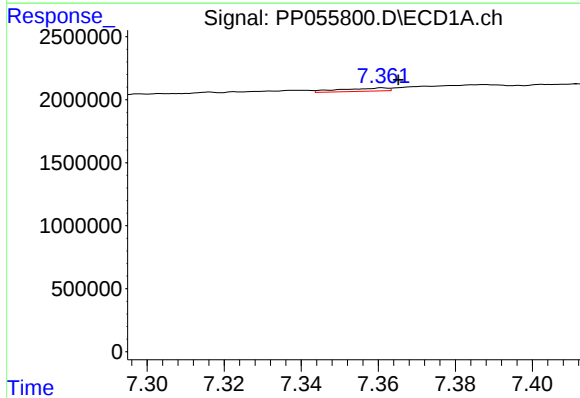
R.T.: 7.110 min
Delta R.T.: 0.002 min
Response: 343710
Conc: 3.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



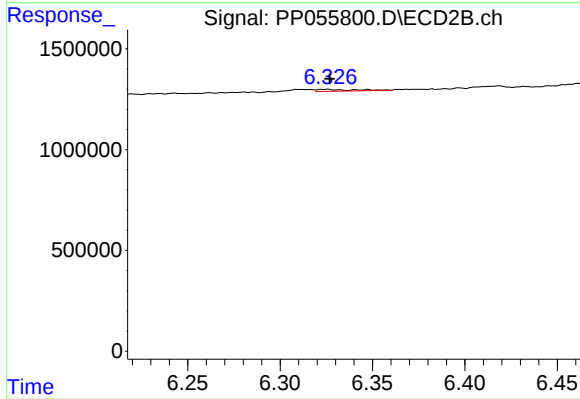
#31 AR-1260-1

R.T.: 6.142 min
Delta R.T.: 0.004 min
Response: 87197
Conc: 1.20 ng/ml



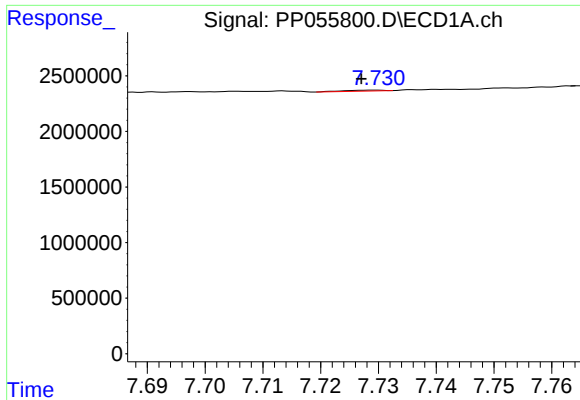
#32 AR-1260-2

R.T.: 7.361 min
Delta R.T.: -0.004 min
Response: 218012
Conc: 1.73 ng/ml



#32 AR-1260-2

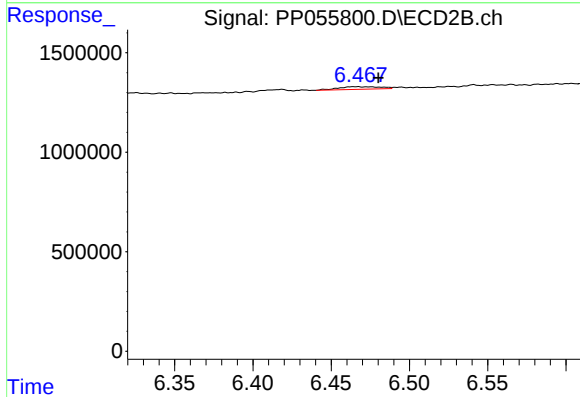
R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 133920
Conc: 1.64 ng/ml



#33 AR-1260-3

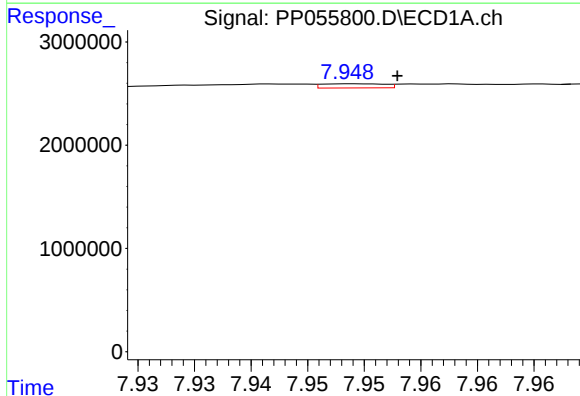
R.T.: 7.729 min
Delta R.T.: 0.002 min
Response: 41904
Conc: 0.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



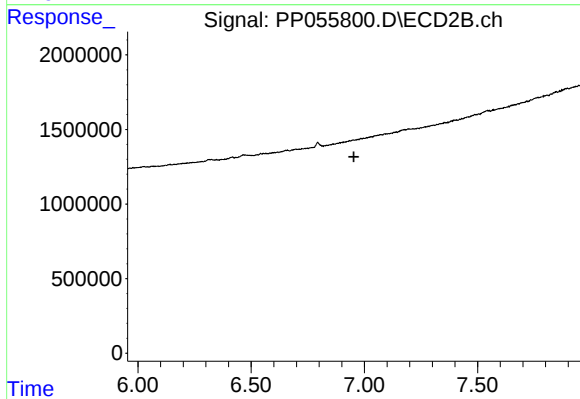
#33 AR-1260-3

R.T.: 6.466 min
Delta R.T.: -0.014 min
Response: 237784
Conc: 2.81 ng/ml



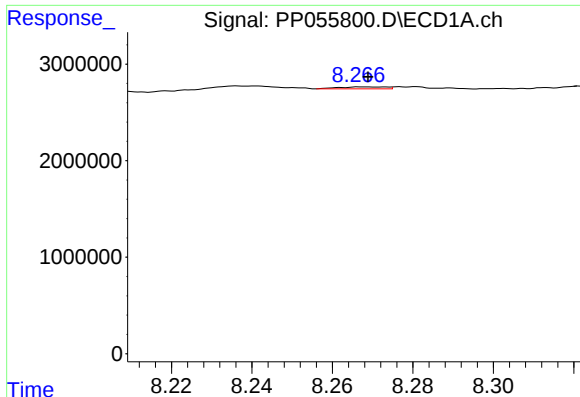
#34 AR-1260-4

R.T.: 7.949 min
Delta R.T.: -0.004 min
Response: 154856
Conc: 1.44 ng/ml



#34 AR-1260-4

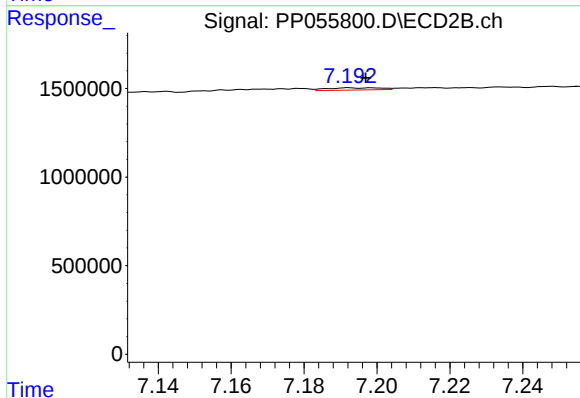
R.T.: 0.000 min
Exp R.T.: 6.954 min
Response: 0
Conc: N.D.



#35 AR-1260-5

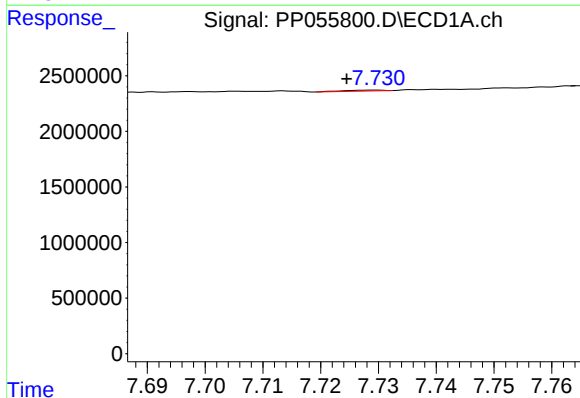
R.T.: 8.267 min
Delta R.T.: -0.002 min
Response: 169123
Conc: 0.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



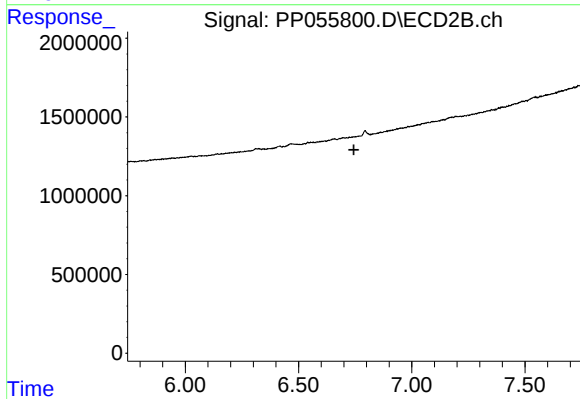
#35 AR-1260-5

R.T.: 7.192 min
Delta R.T.: -0.005 min
Response: 125431
Conc: 0.93 ng/ml



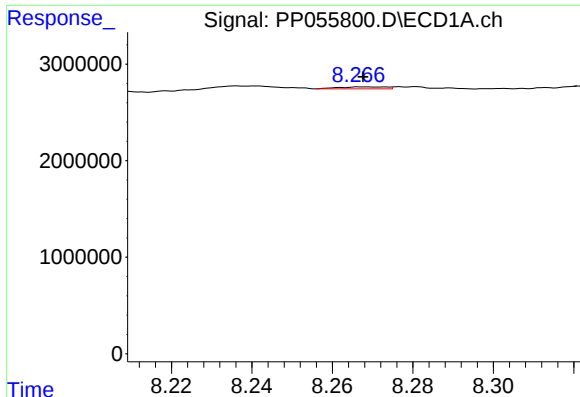
#36 AR-1262-1

R.T.: 7.729 min
Delta R.T.: 0.005 min
Response: 41904
Conc: 0.36 ng/ml



#36 AR-1262-1

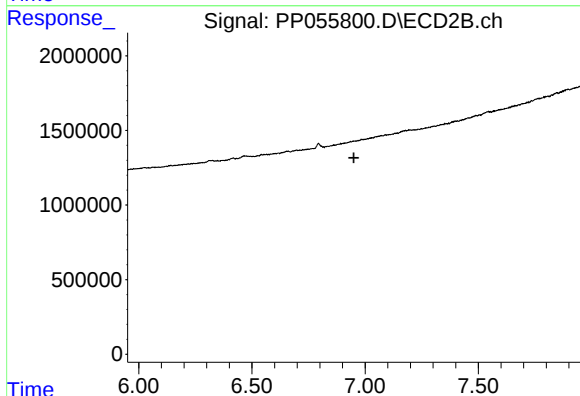
R.T.: 0.000 min
Exp R.T.: 6.745 min
Response: 0
Conc: N.D.



#37 AR-1262-2

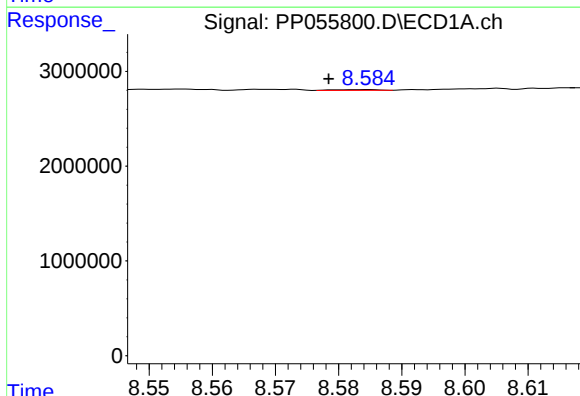
R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 169123
Conc: 0.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



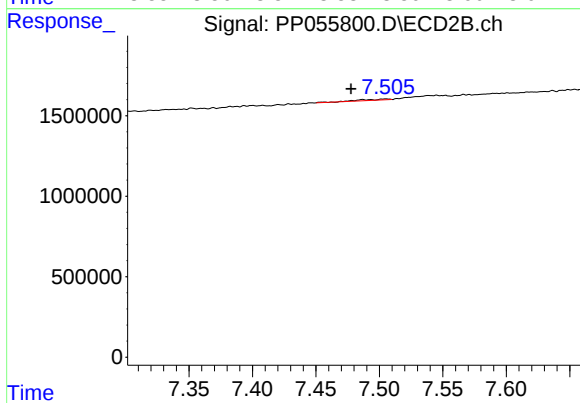
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.950 min
Response: 0
Conc: N.D.



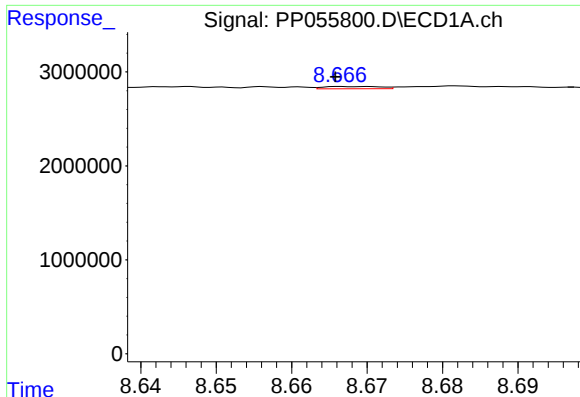
#38 AR-1262-3

R.T.: 8.585 min
Delta R.T.: 0.006 min
Response: 36002
Conc: 0.24 ng/ml



#38 AR-1262-3

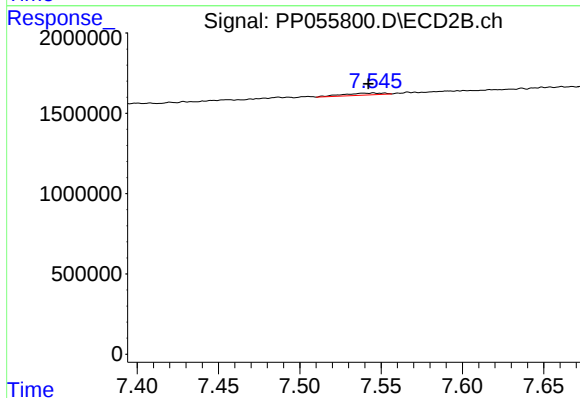
R.T.: 7.505 min
Delta R.T.: 0.027 min
Response: 104641
Conc: 1.89 ng/ml



#39 AR-1262-4

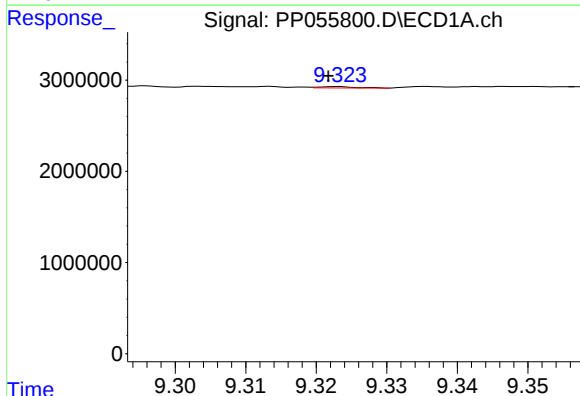
R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 126102
Conc: 1.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



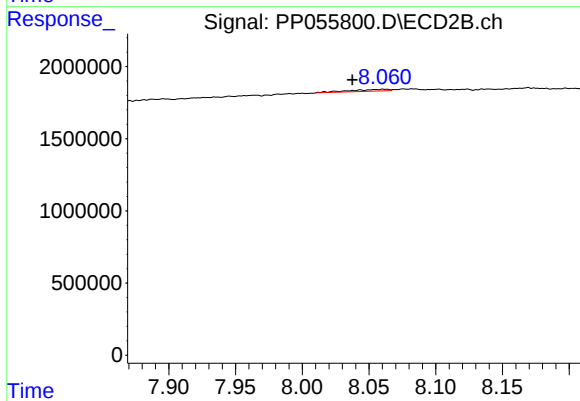
#39 AR-1262-4

R.T.: 7.545 min
Delta R.T.: 0.003 min
Response: 214323
Conc: 2.11 ng/ml



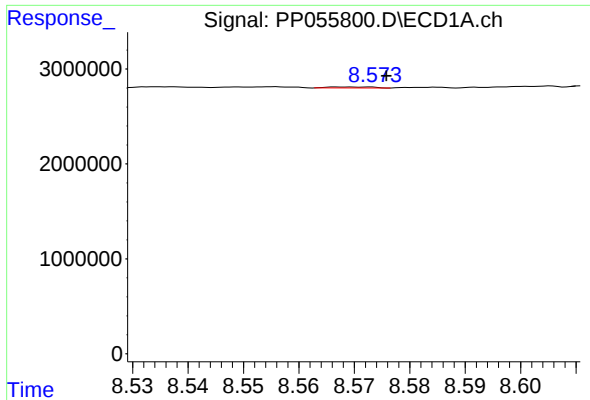
#40 AR-1262-5

R.T.: 9.323 min
Delta R.T.: 0.001 min
Response: 51788
Conc: 0.63 ng/ml



#40 AR-1262-5

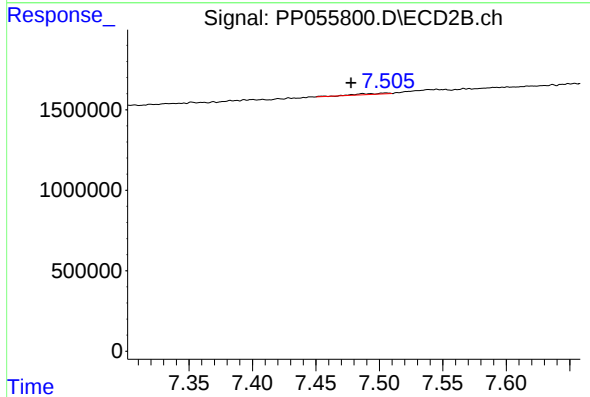
R.T.: 8.061 min
Delta R.T.: 0.024 min
Response: 253732
Conc: 5.58 ng/ml



#41 AR-1268-1

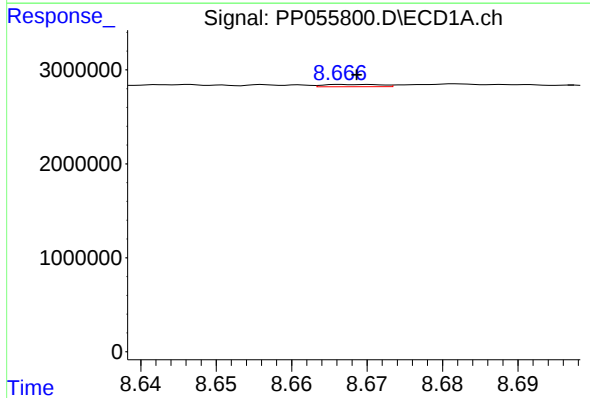
R.T.: 8.567 min
Delta R.T.: -0.009 min
Response: 64330
Conc: 0.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



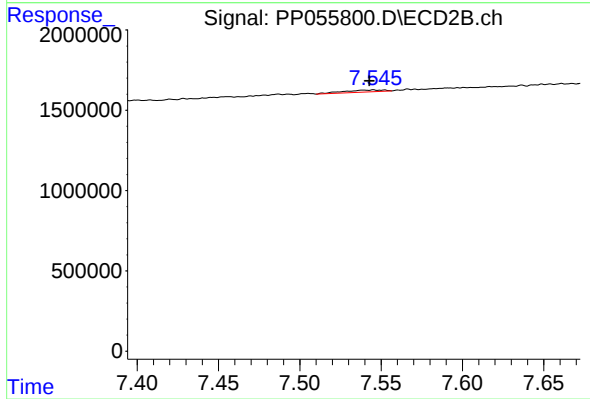
#41 AR-1268-1

R.T.: 7.505 min
Delta R.T.: 0.027 min
Response: 104641
Conc: 0.62 ng/ml



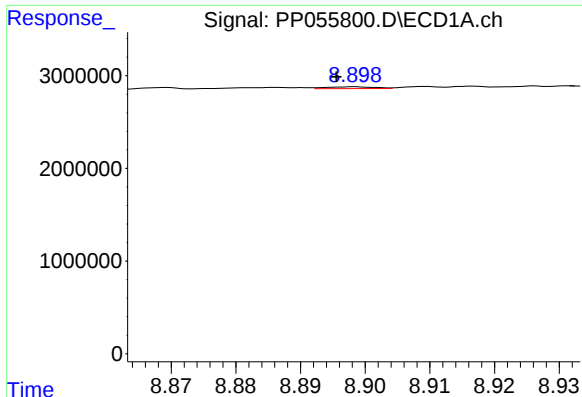
#42 AR-1268-2

R.T.: 8.667 min
Delta R.T.: -0.002 min
Response: 126102
Conc: 0.47 ng/ml



#42 AR-1268-2

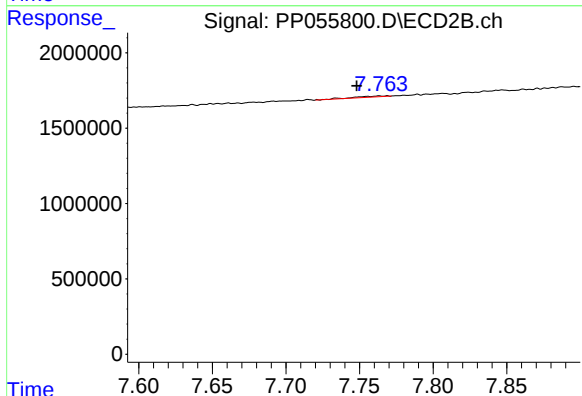
R.T.: 7.545 min
Delta R.T.: 0.002 min
Response: 214323
Conc: 1.40 ng/ml



#43 AR-1268-3

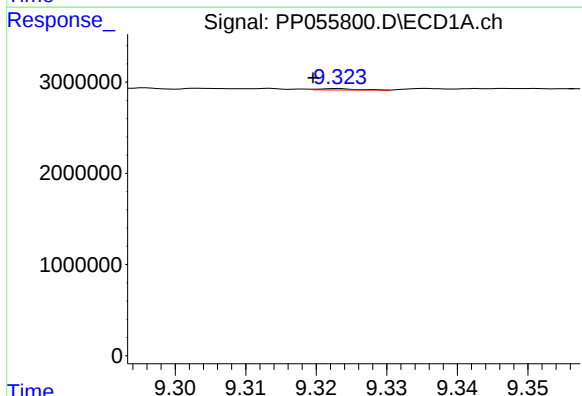
R.T.: 8.898 min
Delta R.T.: 0.003 min
Response: 100599
Conc: 0.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



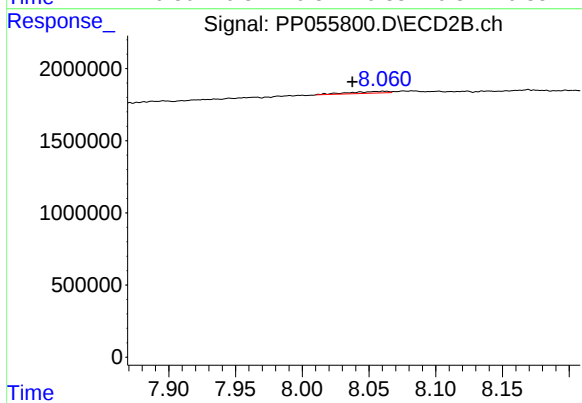
#43 AR-1268-3

R.T.: 7.769 min
Delta R.T.: 0.021 min
Response: 95421
Conc: 0.70 ng/ml



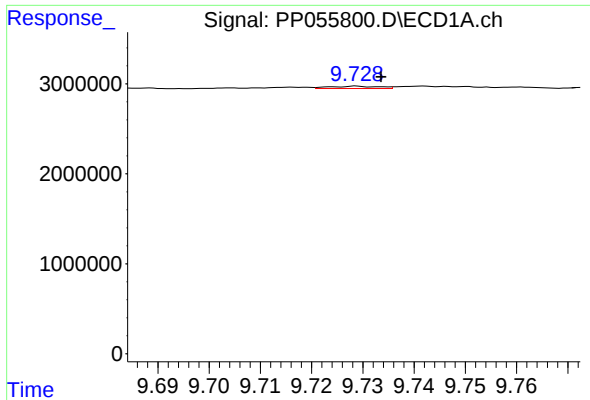
#44 AR-1268-4

R.T.: 9.323 min
Delta R.T.: 0.004 min
Response: 51788
Conc: 0.52 ng/ml



#44 AR-1268-4

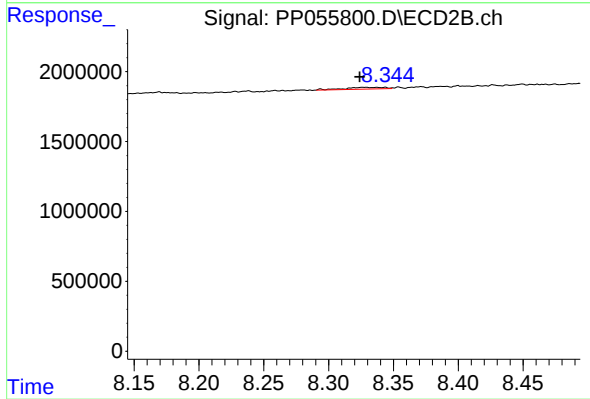
R.T.: 8.061 min
Delta R.T.: 0.024 min
Response: 253732
Conc: 4.61 ng/ml



#45 AR-1268-5

R.T.: 9.729 min
Delta R.T.: -0.005 min
Response: 176151
Conc: 0.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.327 min
Delta R.T.: 0.003 min
Response: 270079
Conc: 0.67 ng/ml