

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060723\
 Data File : PP058288.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2023 22:11
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 05:38:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 06 04:59:28 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...	4.378	3.617	47436131	44889541	20.727	20.804
2)	SA Decachlor...	10.204	8.677	26338422	39253792	23.579	23.808
Target Compounds							
3)	L1 AR-1016-1	5.554	4.722	71518	1108060	1.124	15.795 #
4)	L1 AR-1016-2	5.581	4.722	135787	1108060	1.471	11.257 #
5)	L1 AR-1016-3	5.633	4.918	410964	819152	7.001	14.571 #
6)	L1 AR-1016-4	5.736	4.962	41544	489102	0.872	10.939 #
7)	L1 AR-1016-5	6.058f	5.169	298349	782433	5.894	13.588 #
8)	L2 AR-1221-1	4.588	3.821	104725	21026	3.699	0.791 #
9)	L2 AR-1221-2	4.687	3.920	948938	927045	44.907	45.742
10)	L2 AR-1221-3	4.756	3.994	197468	117099	3.320	1.977 #
11)	L3 AR-1232-1	4.756	3.994	197468	117099	4.370	2.682 #
12)	L3 AR-1232-2	5.289	4.722	39818	1108060	1.421	24.395 #
13)	L3 AR-1232-3	5.581	4.918	135787	819152	3.129	31.306 #
14)	L3 AR-1232-4	5.736	0.000	41544	0	1.828	N.D. #
15)	L3 AR-1232-5	5.841	5.169	116280	782433	5.846	29.537 #
16)	L4 AR-1242-1	5.554	4.722	71518	1108060	1.407	20.045 #
17)	L4 AR-1242-2	5.581	4.722	135787	1108060	1.846	14.413 #
18)	L4 AR-1242-3	5.633	4.918	410964	819152	8.778	18.538 #
19)	L4 AR-1242-4	5.736	5.025f	41544	1080308	1.090	24.317 #
20)	L4 AR-1242-5	6.484	5.551f	249854	1813652	7.056	32.816 #
21)	L5 AR-1248-1	5.554	4.722	71518	1108060	1.788	25.149 #
22)	L5 AR-1248-2	5.841	4.962	116280	489102	1.814	7.889 #
23)	L5 AR-1248-3	6.058f	5.025f	298349	1080308	4.334	16.472 #
24)	L5 AR-1248-4	6.451	5.169	174515	782433	2.766	10.123 #
25)	L5 AR-1248-5	6.484	5.551f	249854	1813652	3.911	24.564 #
26)	L6 AR-1254-1	6.424	5.551f	618874	1813652	8.470	16.727 #
27)	L6 AR-1254-2	6.645	5.687	223714	1749296	2.178	18.020 #
28)	L6 AR-1254-3	7.014	0.000	1395064	0	14.151	N.D. #
29)	L6 AR-1254-4	7.310	6.311	305524	153890	4.604	1.640 #
30)	L6 AR-1254-5	7.724	6.728	245743	387737	3.358	2.667
31)	L7 AR-1260-1	7.160f	6.184f	21956	544748	0.262	5.005 #
32)	L7 AR-1260-2	7.430	6.387	20666	1461675	0.248	11.348 #
33)	L7 AR-1260-3	7.786f	6.539f	57317	417745	0.998	3.387 #
34)	L7 AR-1260-4	8.025	7.006f	56517	638670	0.836	7.055 #
35)	L7 AR-1260-5	8.359	7.283	40981	387499	0.382	1.910 #
36)	L8 AR-1262-1	7.786f	6.841f	57317	765617	0.623	12.234 #
37)	L8 AR-1262-2	8.359	7.006f	40981	638670	0.312	5.081 #
38)	L8 AR-1262-3	8.674	0.000	141671	0	1.501	N.D. #
39)	L8 AR-1262-4	8.767	7.616	63841	946541	0.870	5.234 #
40)	L8 AR-1262-5	9.419	0.000	33573	0	0.757	N.D. #
41)	L9 AR-1268-1	8.674	0.000	141671	0	0.886	N.D. #

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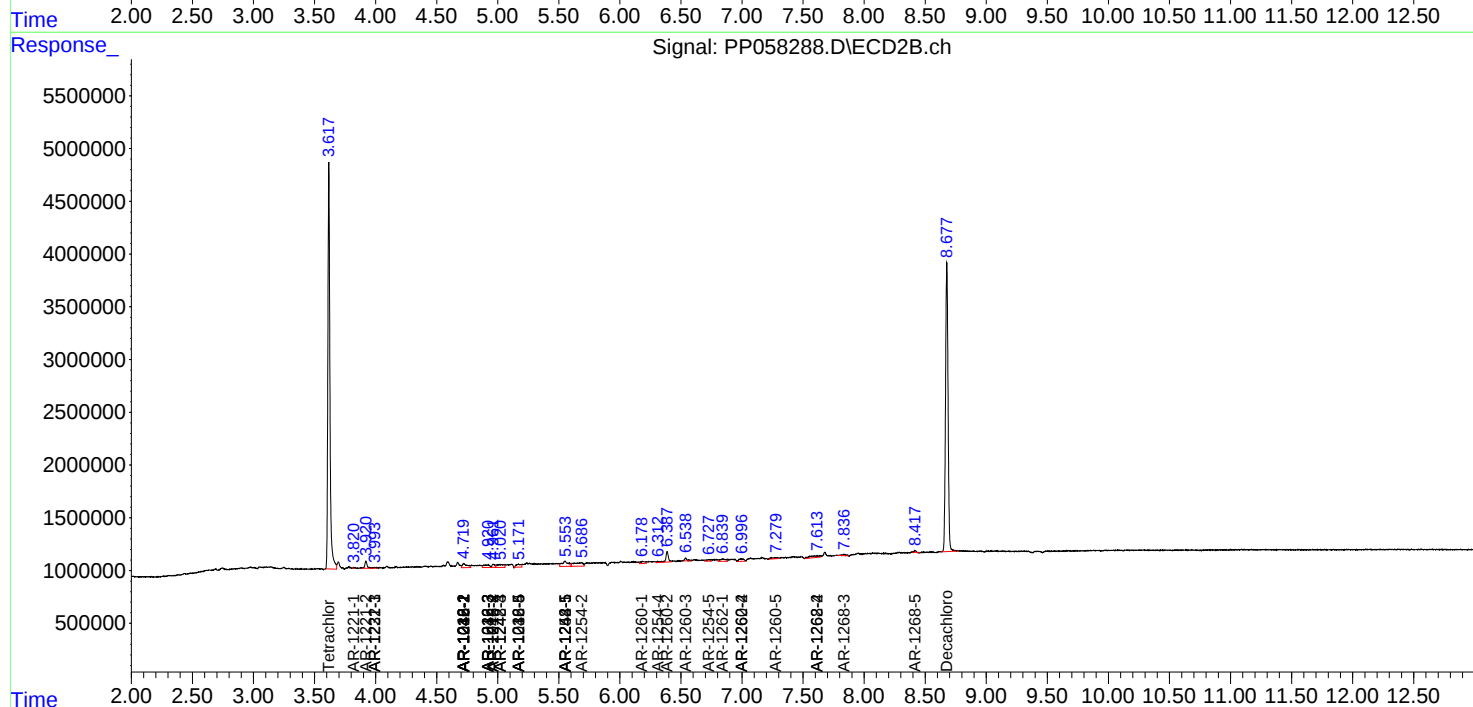
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

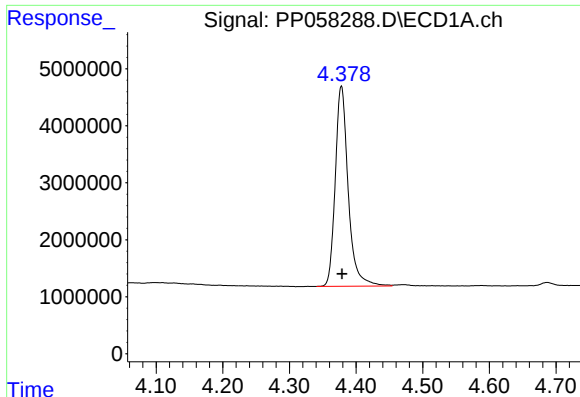
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.767	7.616	63841	946541	0.460	3.722 #
43) L9	AR-1268-3	8.994	7.833	237358	291596	1.837	1.363 #
44) L9	AR-1268-4	9.419	0.000	33573	0	0.710	N.D. #
45) L9	AR-1268-5	9.856	8.418	128308	187719	0.386	0.326

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

Instrument :
ECD_P
ClientSampleId :

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

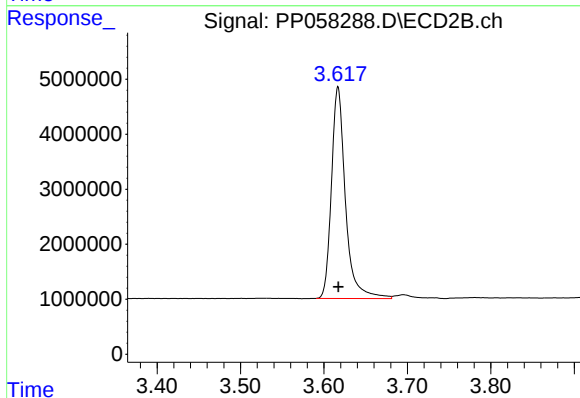




#1 Tetrachloro-m-xylene

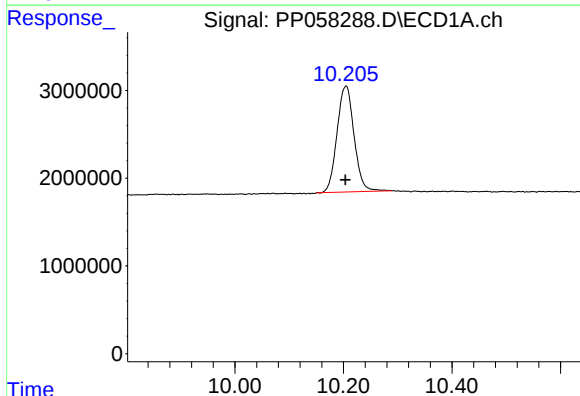
R.T.: 4.378 min
Delta R.T.: -0.001 min
Response: 47436131
Conc: 20.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



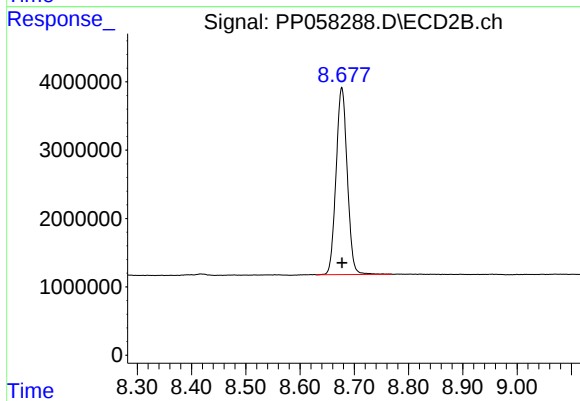
#1 Tetrachloro-m-xylene

R.T.: 3.617 min
Delta R.T.: 0.000 min
Response: 44889541
Conc: 20.80 ng/ml



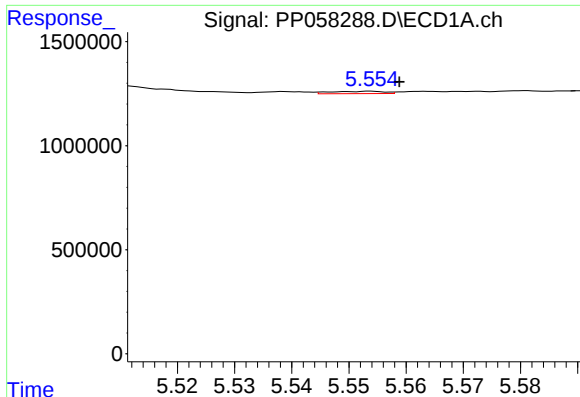
#2 Decachlorobiphenyl

R.T.: 10.204 min
Delta R.T.: 0.000 min
Response: 26338422
Conc: 23.58 ng/ml



#2 Decachlorobiphenyl

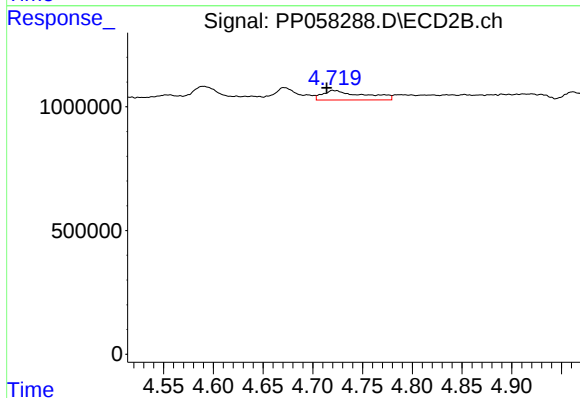
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 39253792
Conc: 23.81 ng/ml



#3 AR-1016-1

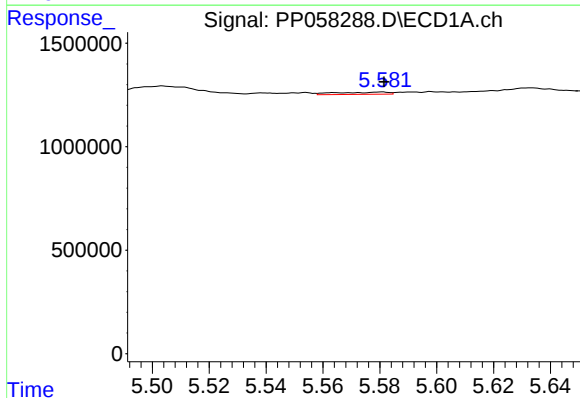
R.T.: 5.554 min
Delta R.T.: -0.005 min
Response: 71518
Conc: 1.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



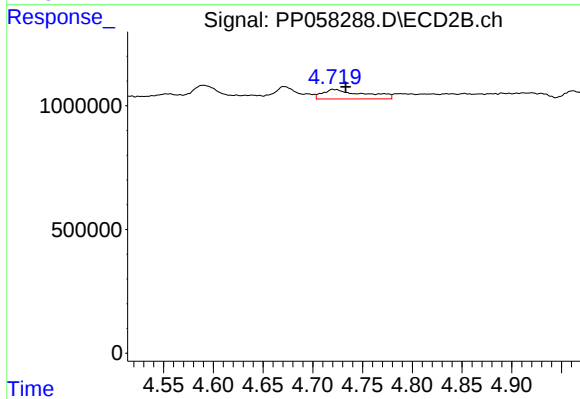
#3 AR-1016-1

R.T.: 4.722 min
Delta R.T.: 0.008 min
Response: 1108060
Conc: 15.80 ng/ml



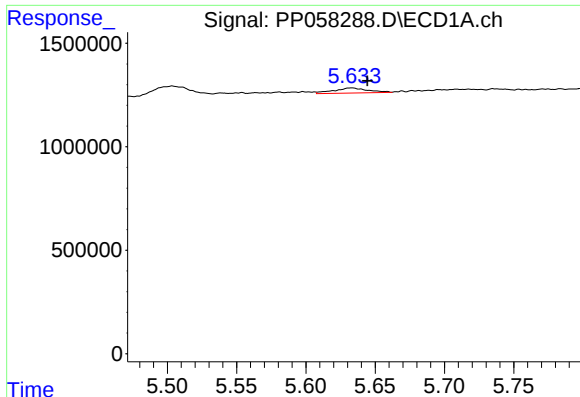
#4 AR-1016-2

R.T.: 5.581 min
Delta R.T.: 0.000 min
Response: 135787
Conc: 1.47 ng/ml



#4 AR-1016-2

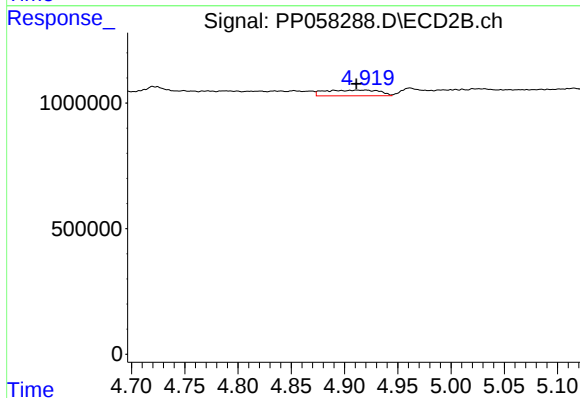
R.T.: 4.722 min
Delta R.T.: -0.012 min
Response: 1108060
Conc: 11.26 ng/ml



#5 AR-1016-3

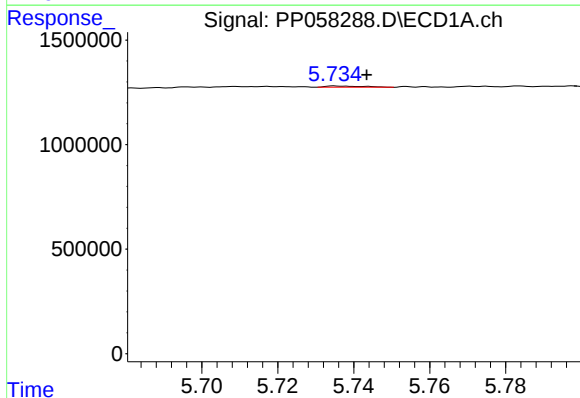
R.T.: 5.633 min
Delta R.T.: -0.012 min
Response: 410964
Conc: 7.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



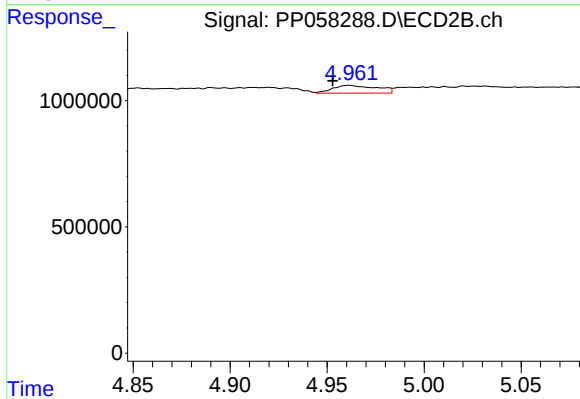
#5 AR-1016-3

R.T.: 4.918 min
Delta R.T.: 0.007 min
Response: 819152
Conc: 14.57 ng/ml



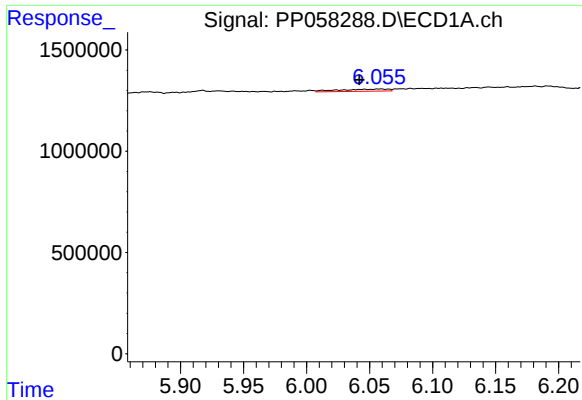
#6 AR-1016-4

R.T.: 5.736 min
Delta R.T.: -0.008 min
Response: 41544
Conc: 0.87 ng/ml



#6 AR-1016-4

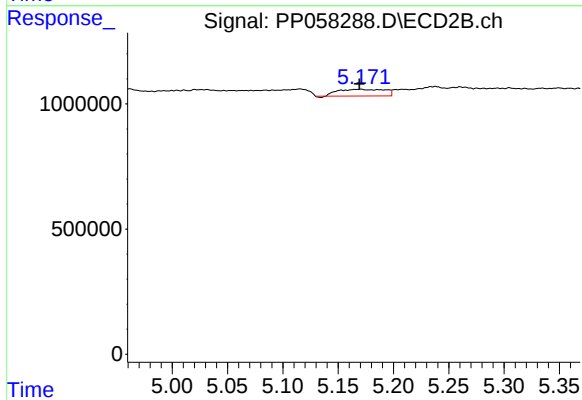
R.T.: 4.962 min
Delta R.T.: 0.009 min
Response: 489102
Conc: 10.94 ng/ml



#7 AR-1016-5

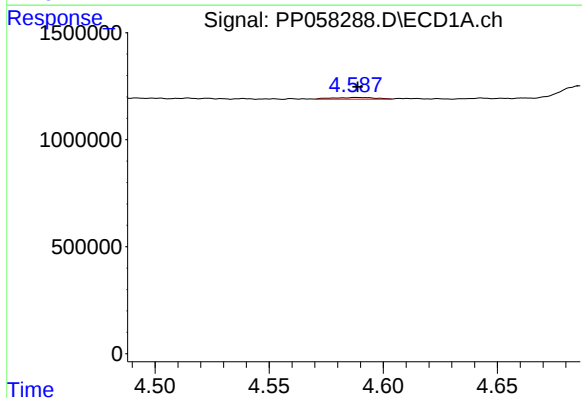
R.T.: 6.058 min
Delta R.T.: 0.016 min
Response: 298349
Conc: 5.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



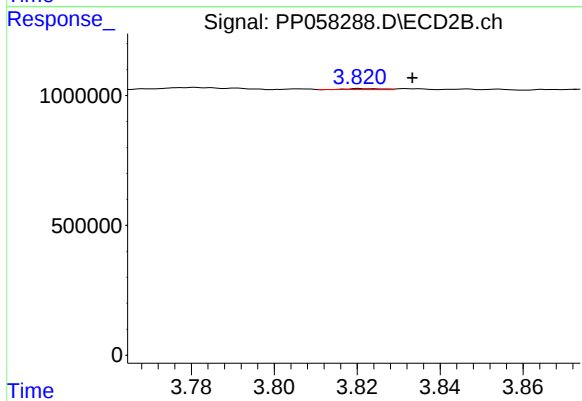
#7 AR-1016-5

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 782433
Conc: 13.59 ng/ml



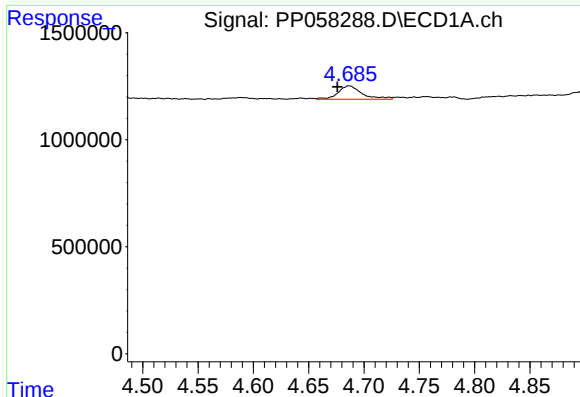
#8 AR-1221-1

R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 104725
Conc: 3.70 ng/ml



#8 AR-1221-1

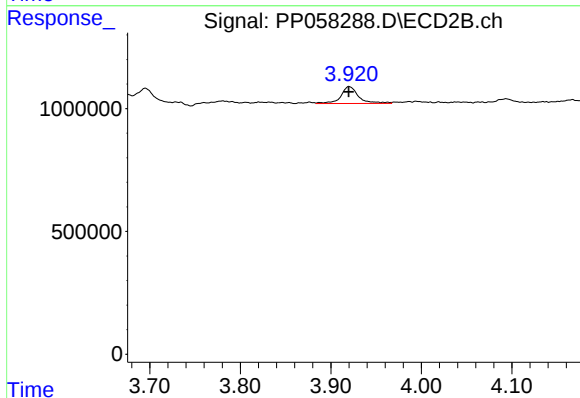
R.T.: 3.821 min
Delta R.T.: -0.012 min
Response: 21026
Conc: 0.79 ng/ml



#9 AR-1221-2

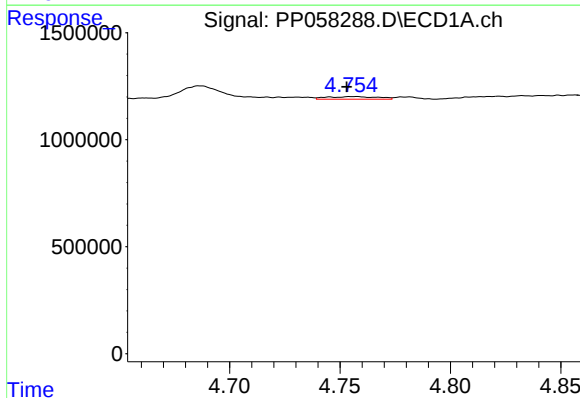
R.T.: 4.687 min
Delta R.T.: 0.011 min
Response: 948938
Conc: 44.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



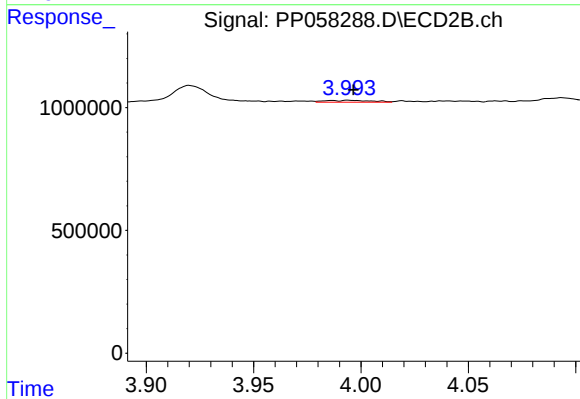
#9 AR-1221-2

R.T.: 3.920 min
Delta R.T.: 0.000 min
Response: 927045
Conc: 45.74 ng/ml



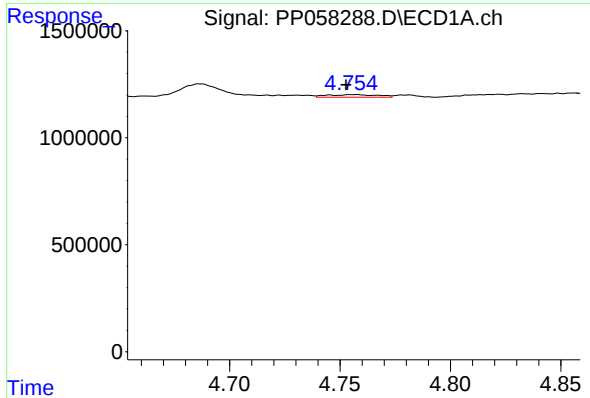
#10 AR-1221-3

R.T.: 4.756 min
Delta R.T.: 0.003 min
Response: 197468
Conc: 3.32 ng/ml



#10 AR-1221-3

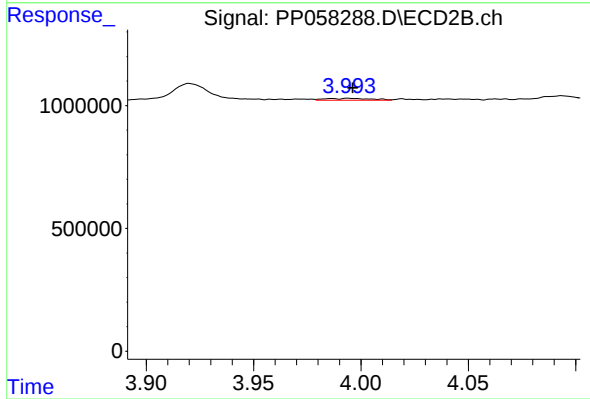
R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 117099
Conc: 1.98 ng/ml



#11 AR-1232-1

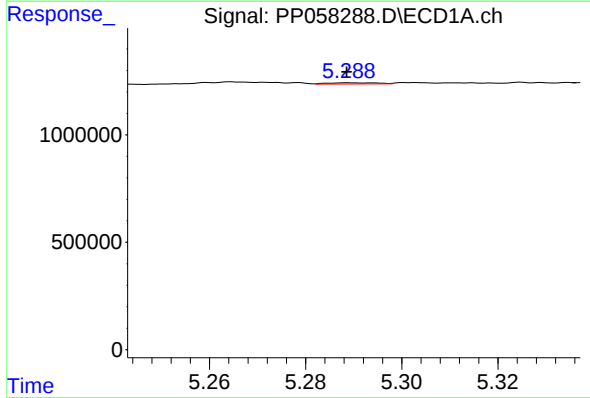
R.T.: 4.756 min
Delta R.T.: 0.003 min
Response: 197468
Conc: 4.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



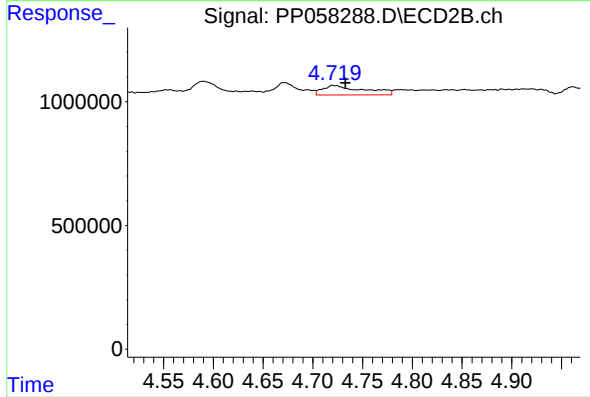
#11 AR-1232-1

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 117099
Conc: 2.68 ng/ml



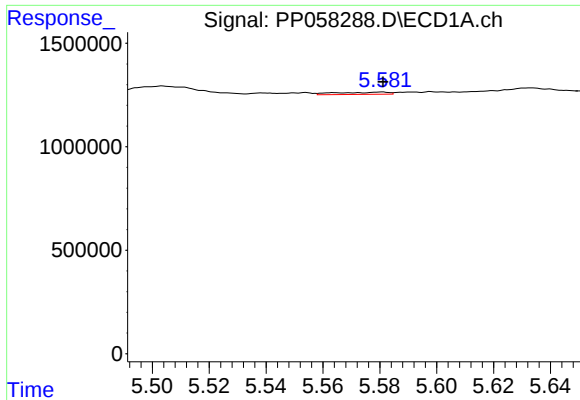
#12 AR-1232-2

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 39818
Conc: 1.42 ng/ml



#12 AR-1232-2

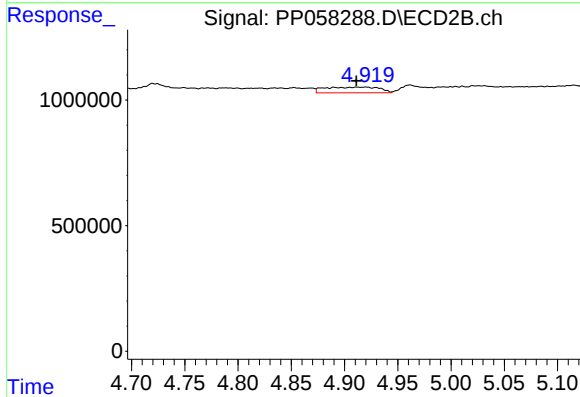
R.T.: 4.722 min
Delta R.T.: -0.011 min
Response: 1108060
Conc: 24.39 ng/ml



#13 AR-1232-3

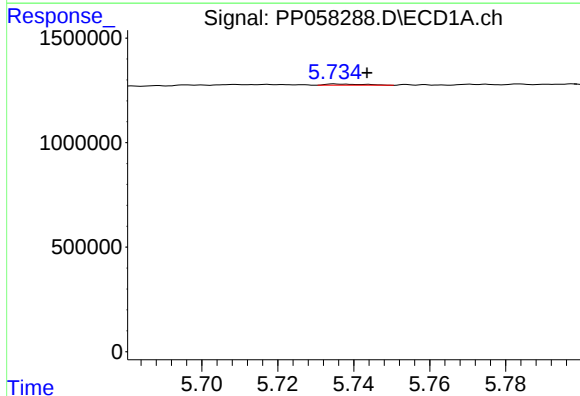
R.T.: 5.581 min
Delta R.T.: 0.000 min
Response: 135787
Conc: 3.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



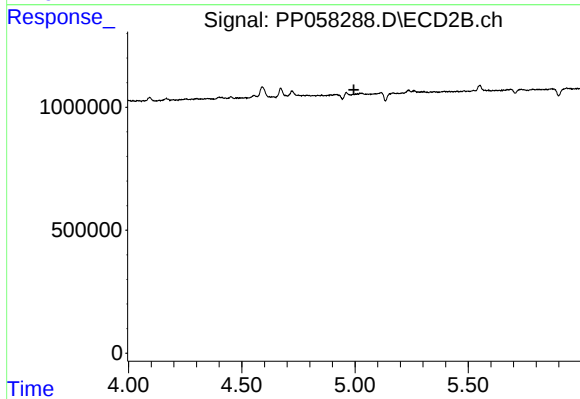
#13 AR-1232-3

R.T.: 4.918 min
Delta R.T.: 0.007 min
Response: 819152
Conc: 31.31 ng/ml



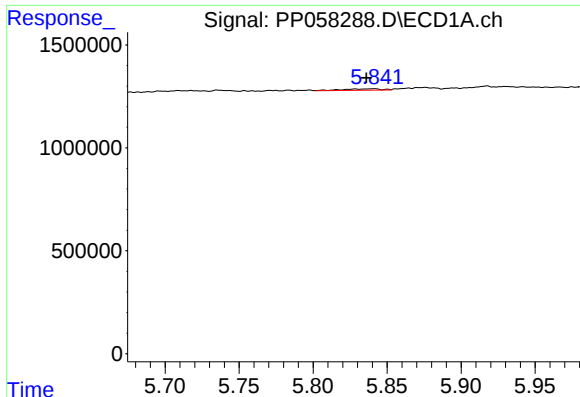
#14 AR-1232-4

R.T.: 5.736 min
Delta R.T.: -0.008 min
Response: 41544
Conc: 1.83 ng/ml



#14 AR-1232-4

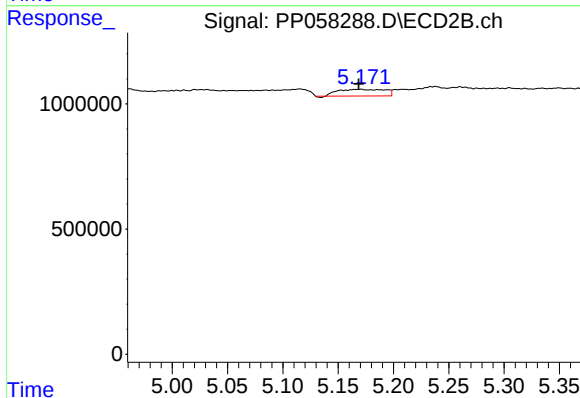
R.T.: 0.000 min
Exp R.T. : 4.995 min
Response: 0
Conc: N.D.



#15 AR-1232-5

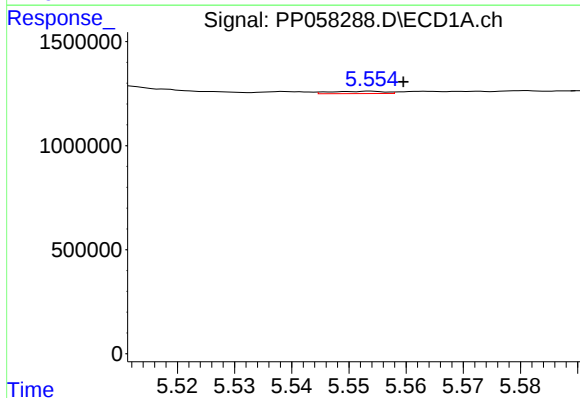
R.T.: 5.841 min
Delta R.T.: 0.005 min
Response: 116280
Conc: 5.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



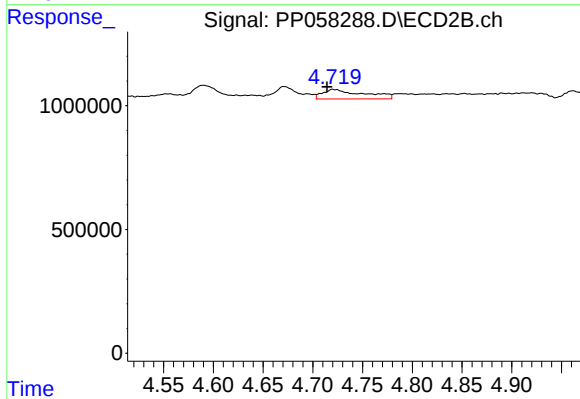
#15 AR-1232-5

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 782433
Conc: 29.54 ng/ml



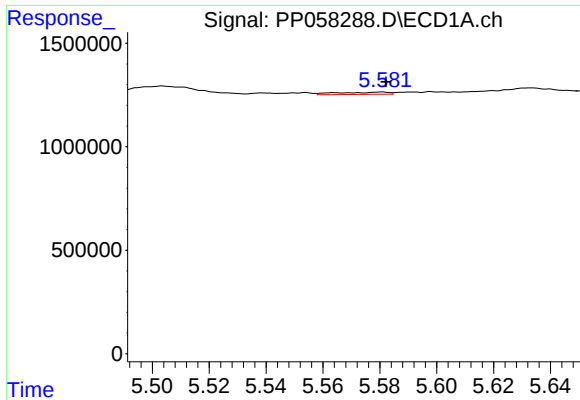
#16 AR-1242-1

R.T.: 5.554 min
Delta R.T.: -0.006 min
Response: 71518
Conc: 1.41 ng/ml



#16 AR-1242-1

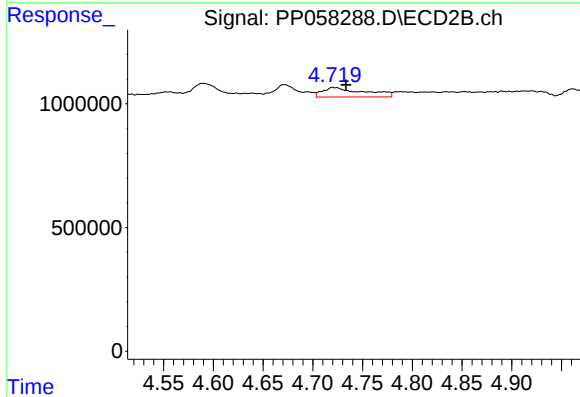
R.T.: 4.722 min
Delta R.T.: 0.007 min
Response: 1108060
Conc: 20.04 ng/ml



#17 AR-1242-2

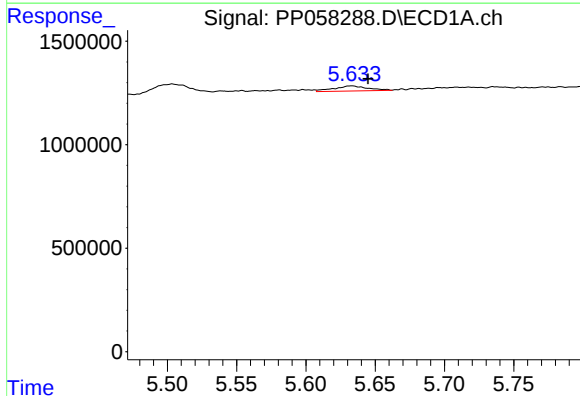
R.T.: 5.581 min
Delta R.T.: -0.002 min
Response: 135787
Conc: 1.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



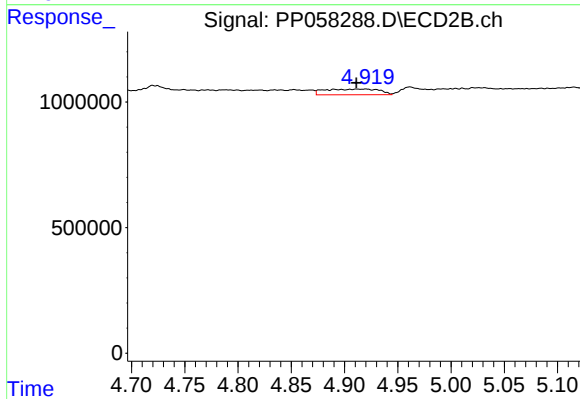
#17 AR-1242-2

R.T.: 4.722 min
Delta R.T.: -0.012 min
Response: 1108060
Conc: 14.41 ng/ml



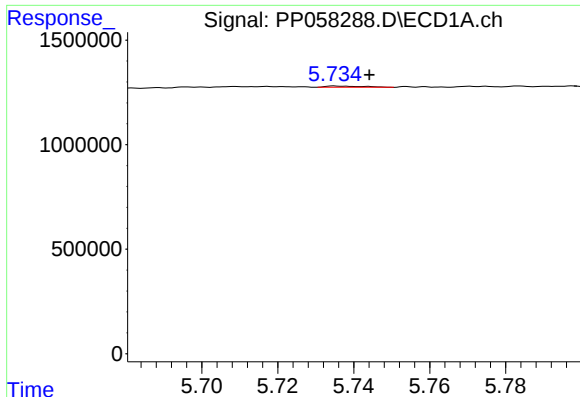
#18 AR-1242-3

R.T.: 5.633 min
Delta R.T.: -0.012 min
Response: 410964
Conc: 8.78 ng/ml



#18 AR-1242-3

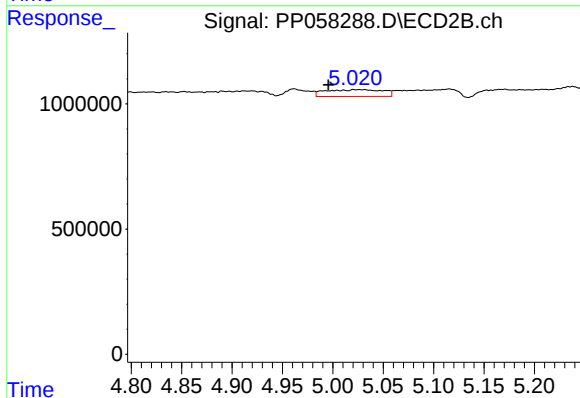
R.T.: 4.918 min
Delta R.T.: 0.007 min
Response: 819152
Conc: 18.54 ng/ml



#19 AR-1242-4

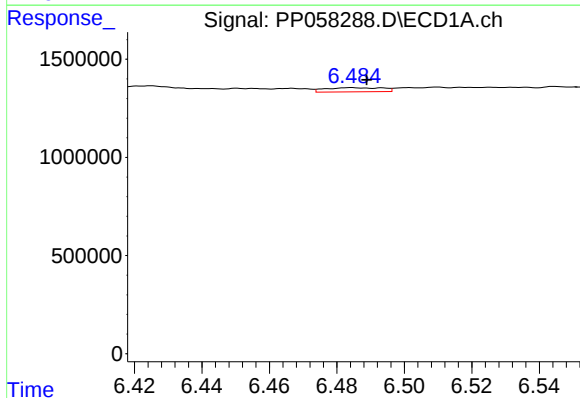
R.T.: 5.736 min
Delta R.T.: -0.008 min
Response: 41544
Conc: 1.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



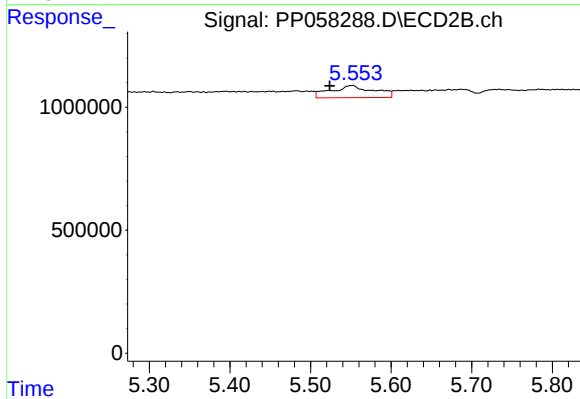
#19 AR-1242-4

R.T.: 5.025 min
Delta R.T.: 0.029 min
Response: 1080308
Conc: 24.32 ng/ml



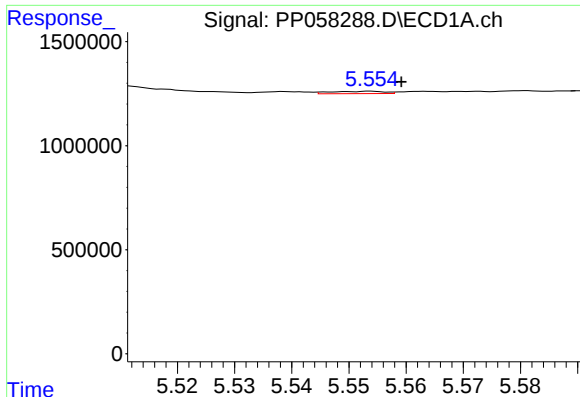
#20 AR-1242-5

R.T.: 6.484 min
Delta R.T.: -0.005 min
Response: 249854
Conc: 7.06 ng/ml



#20 AR-1242-5

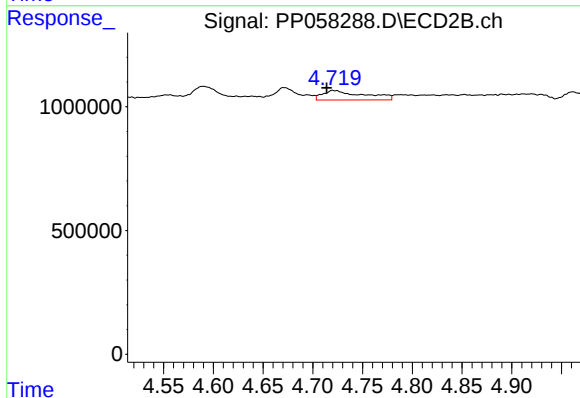
R.T.: 5.551 min
Delta R.T.: 0.027 min
Response: 1813652
Conc: 32.82 ng/ml



#21 AR-1248-1

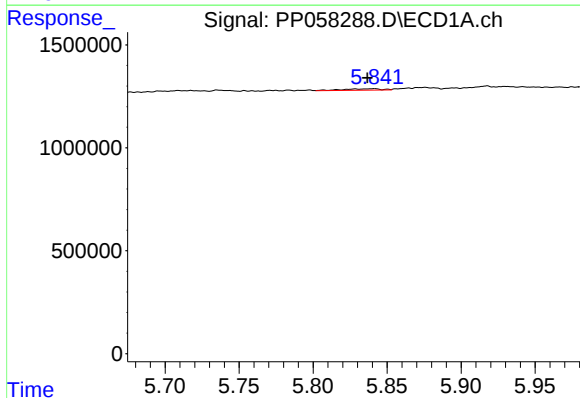
R.T.: 5.554 min
Delta R.T.: -0.005 min
Response: 71518
Conc: 1.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



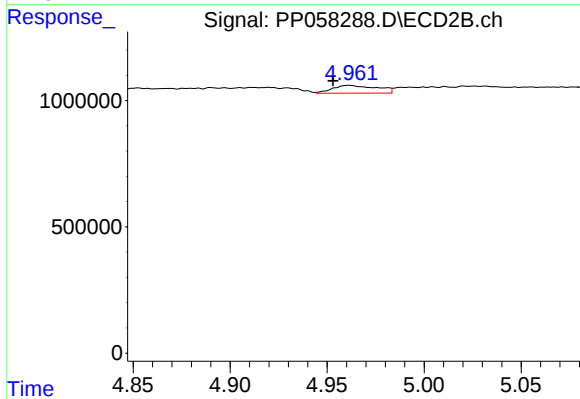
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.008 min
Response: 1108060
Conc: 25.15 ng/ml



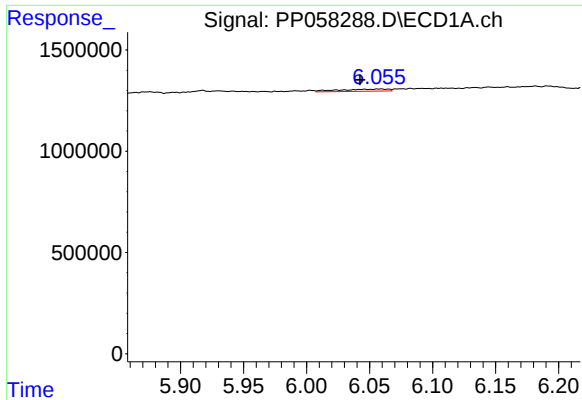
#22 AR-1248-2

R.T.: 5.841 min
Delta R.T.: 0.004 min
Response: 116280
Conc: 1.81 ng/ml



#22 AR-1248-2

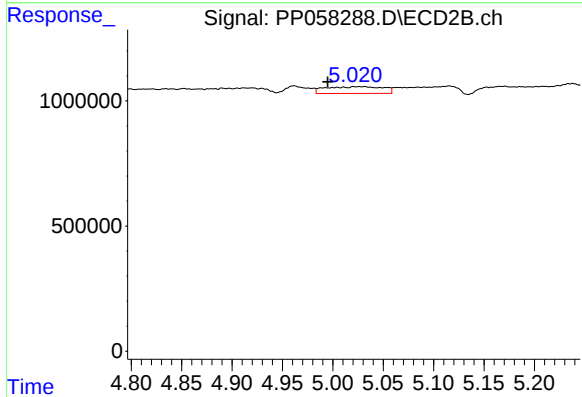
R.T.: 4.962 min
Delta R.T.: 0.009 min
Response: 489102
Conc: 7.89 ng/ml



#23 AR-1248-3

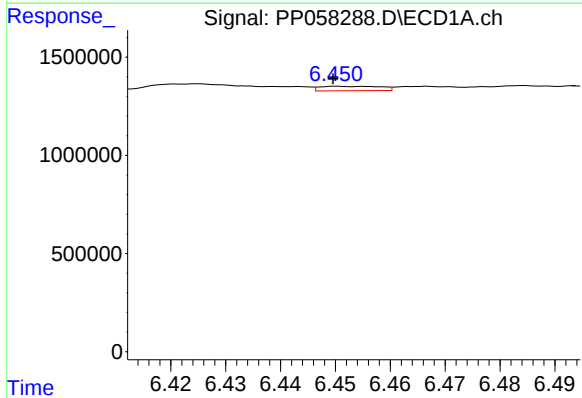
R.T.: 6.058 min
Delta R.T.: 0.016 min
Response: 298349
Conc: 4.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



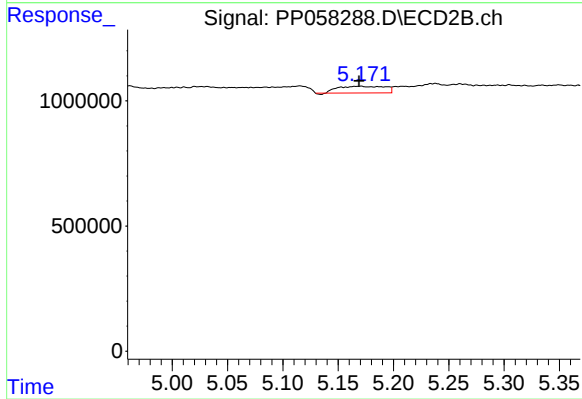
#23 AR-1248-3

R.T.: 5.025 min
Delta R.T.: 0.030 min
Response: 1080308
Conc: 16.47 ng/ml



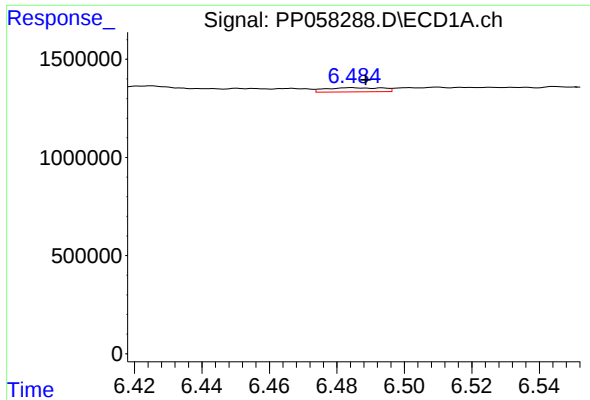
#24 AR-1248-4

R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 174515
Conc: 2.77 ng/ml



#24 AR-1248-4

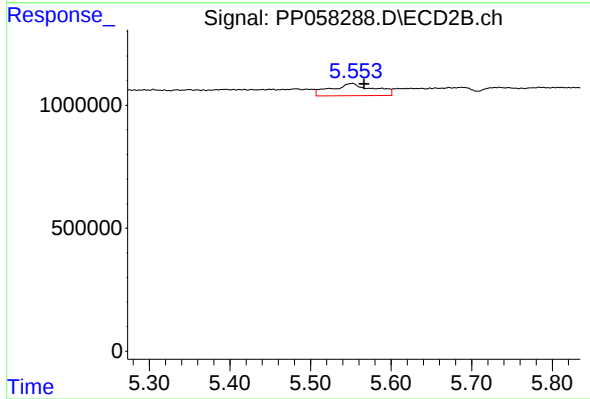
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 782433
Conc: 10.12 ng/ml



#25 AR-1248-5

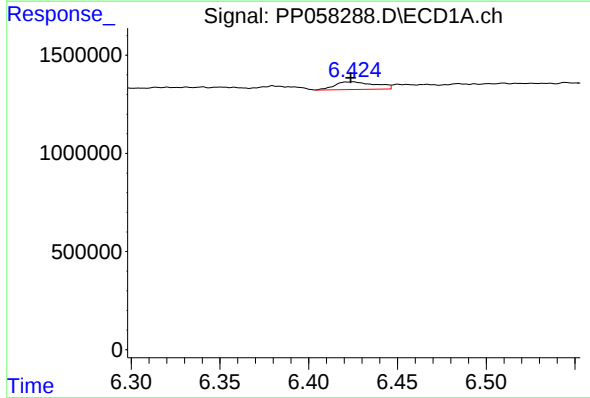
R.T.: 6.484 min
Delta R.T.: -0.004 min
Response: 249854
Conc: 3.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



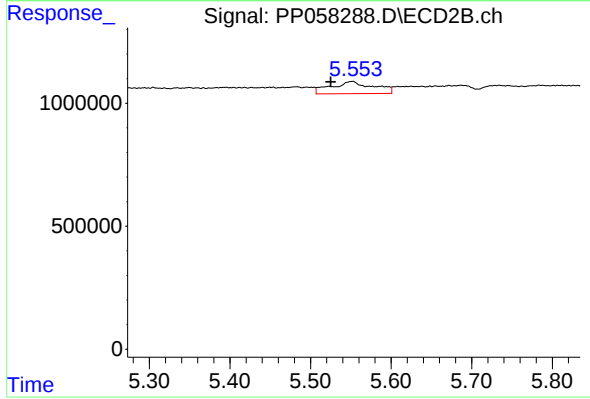
#25 AR-1248-5

R.T.: 5.551 min
Delta R.T.: -0.015 min
Response: 1813652
Conc: 24.56 ng/ml



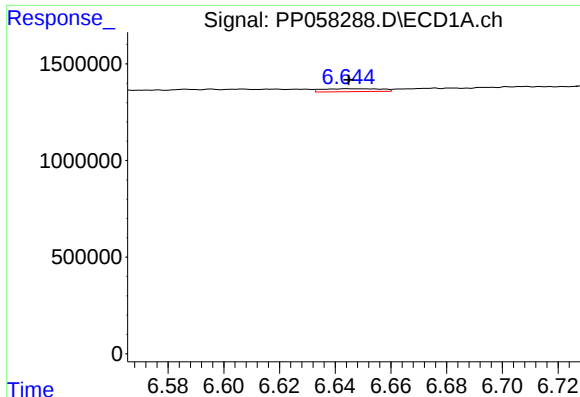
#26 AR-1254-1

R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 618874
Conc: 8.47 ng/ml



#26 AR-1254-1

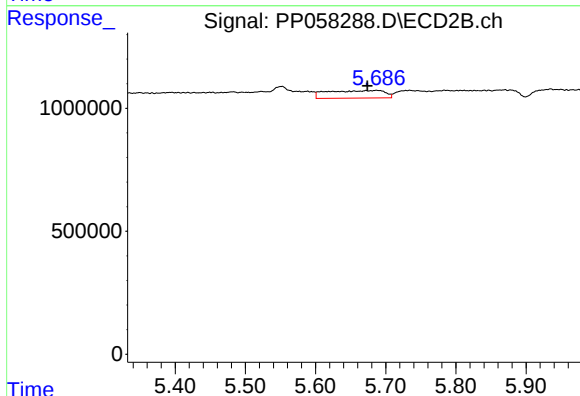
R.T.: 5.551 min
Delta R.T.: 0.026 min
Response: 1813652
Conc: 16.73 ng/ml



#27 AR-1254-2

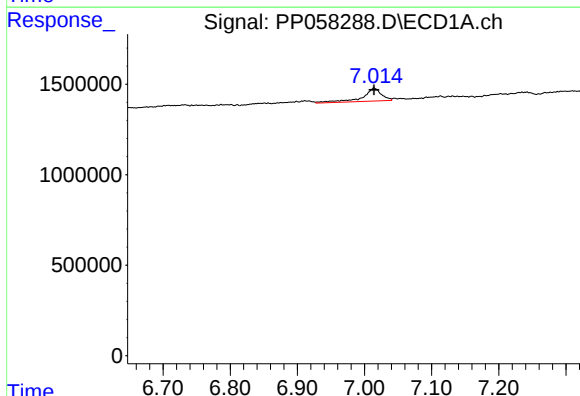
R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 223714
Conc: 2.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



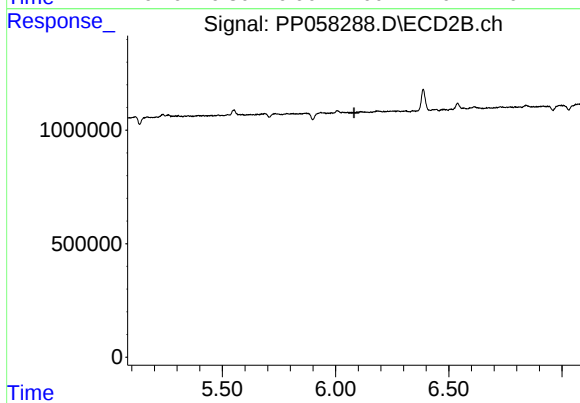
#27 AR-1254-2

R.T.: 5.687 min
Delta R.T.: 0.014 min
Response: 1749296
Conc: 18.02 ng/ml



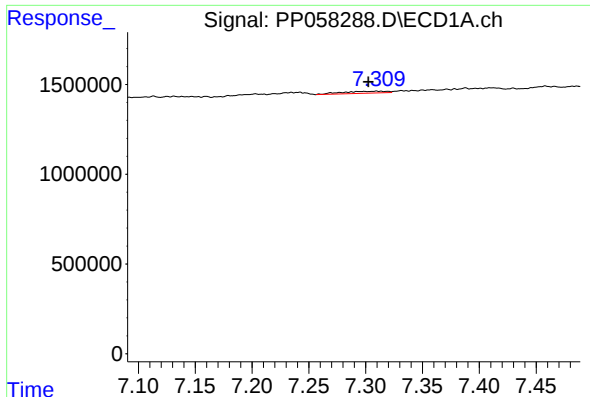
#28 AR-1254-3

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 1395064
Conc: 14.15 ng/ml



#28 AR-1254-3

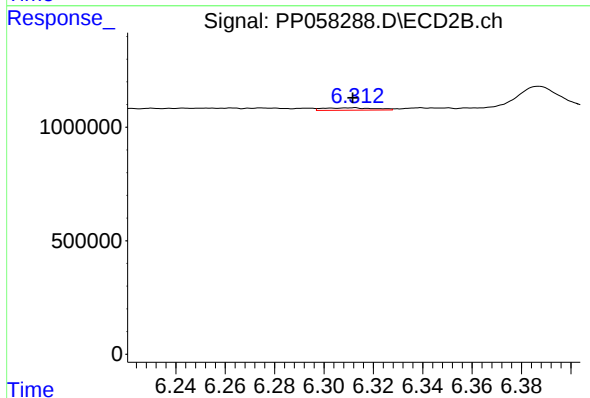
R.T.: 0.000 min
Exp R.T.: 6.081 min
Response: 0
Conc: N.D.



#29 AR-1254-4

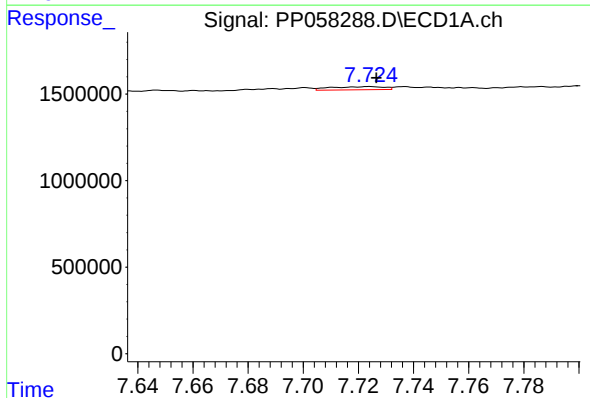
R.T.: 7.310 min
Delta R.T.: 0.007 min
Response: 305524
Conc: 4.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



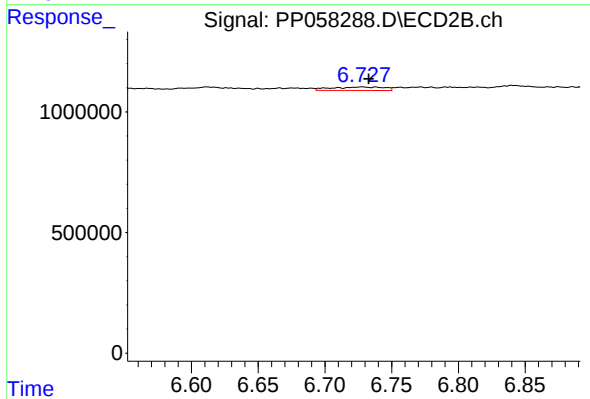
#29 AR-1254-4

R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 153890
Conc: 1.64 ng/ml



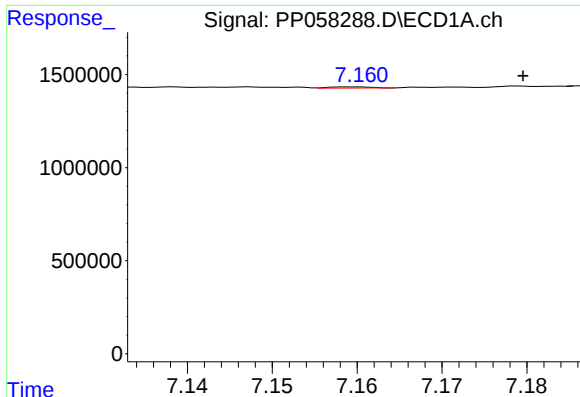
#30 AR-1254-5

R.T.: 7.724 min
Delta R.T.: -0.002 min
Response: 245743
Conc: 3.36 ng/ml



#30 AR-1254-5

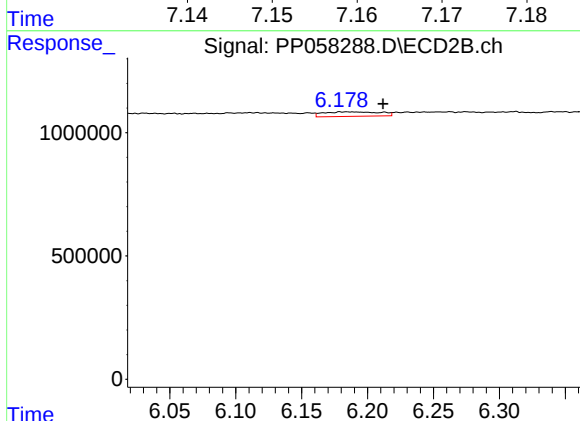
R.T.: 6.728 min
Delta R.T.: -0.005 min
Response: 387737
Conc: 2.67 ng/ml



#31 AR-1260-1

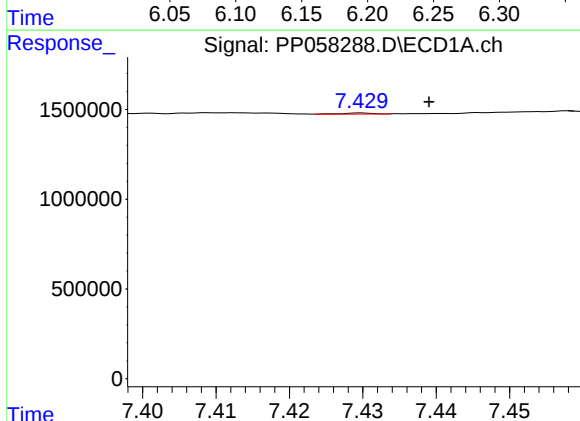
R.T.: 7.160 min
Delta R.T.: -0.020 min
Response: 21956
Conc: 0.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



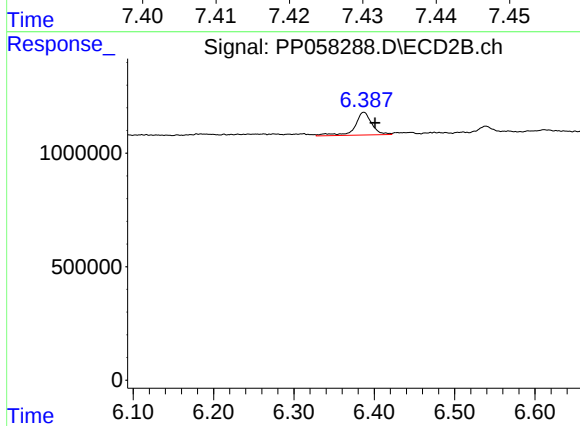
#31 AR-1260-1

R.T.: 6.184 min
Delta R.T.: -0.028 min
Response: 544748
Conc: 5.00 ng/ml



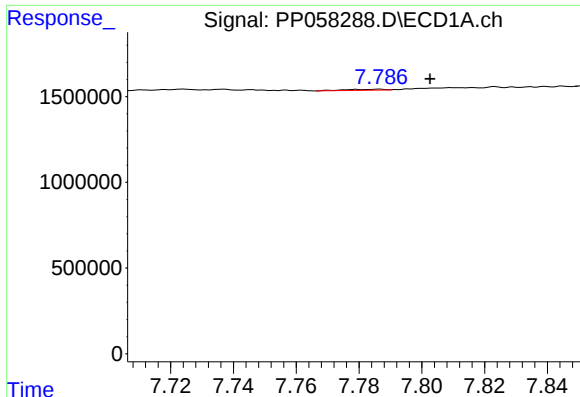
#32 AR-1260-2

R.T.: 7.430 min
Delta R.T.: -0.009 min
Response: 20666
Conc: 0.25 ng/ml



#32 AR-1260-2

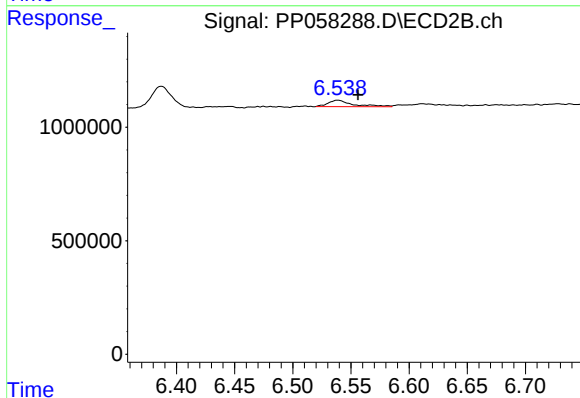
R.T.: 6.387 min
Delta R.T.: -0.014 min
Response: 1461675
Conc: 11.35 ng/ml



#33 AR-1260-3

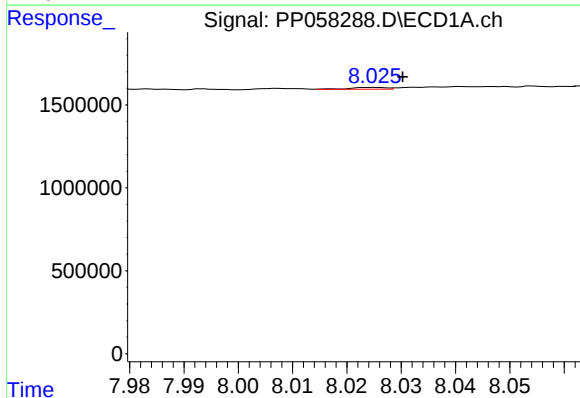
R.T.: 7.786 min
Delta R.T.: -0.016 min
Response: 57317
Conc: 1.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



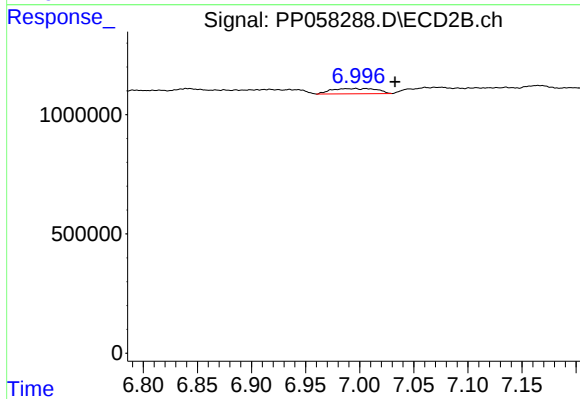
#33 AR-1260-3

R.T.: 6.539 min
Delta R.T.: -0.017 min
Response: 417745
Conc: 3.39 ng/ml



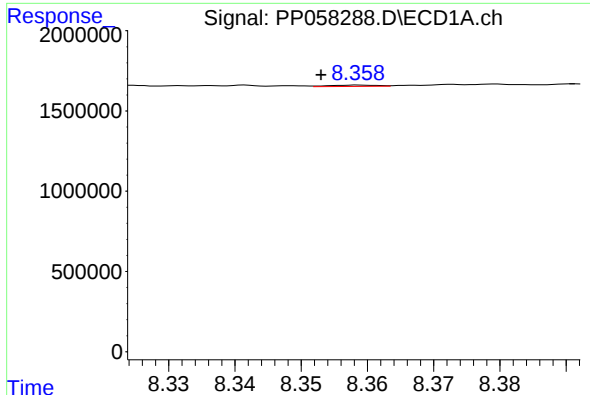
#34 AR-1260-4

R.T.: 8.025 min
Delta R.T.: -0.006 min
Response: 56517
Conc: 0.84 ng/ml



#34 AR-1260-4

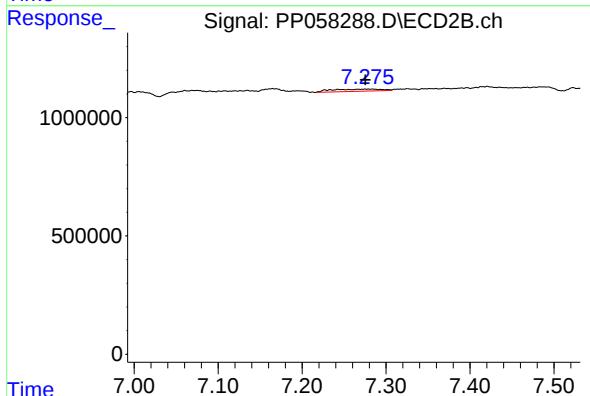
R.T.: 7.006 min
Delta R.T.: -0.026 min
Response: 638670
Conc: 7.06 ng/ml



#35 AR-1260-5

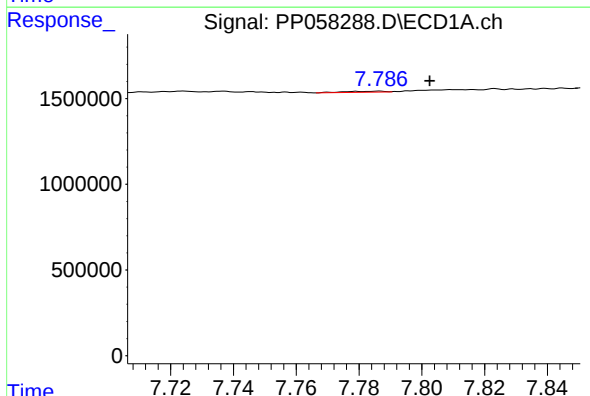
R.T.: 8.359 min
Delta R.T.: 0.006 min
Response: 40981
Conc: 0.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



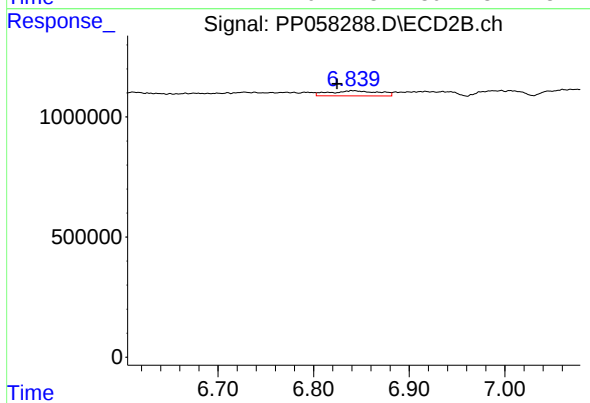
#35 AR-1260-5

R.T.: 7.283 min
Delta R.T.: 0.007 min
Response: 387499
Conc: 1.91 ng/ml



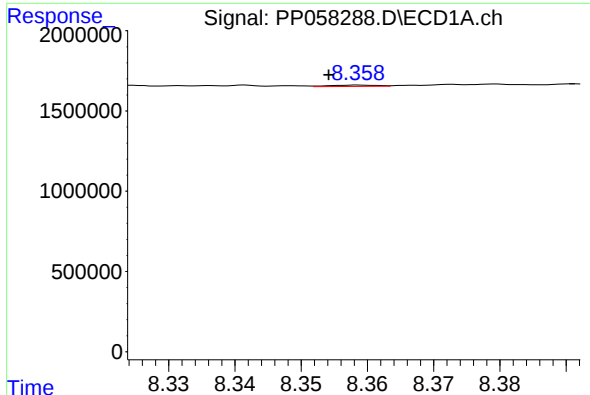
#36 AR-1262-1

R.T.: 7.786 min
Delta R.T.: -0.016 min
Response: 57317
Conc: 0.62 ng/ml



#36 AR-1262-1

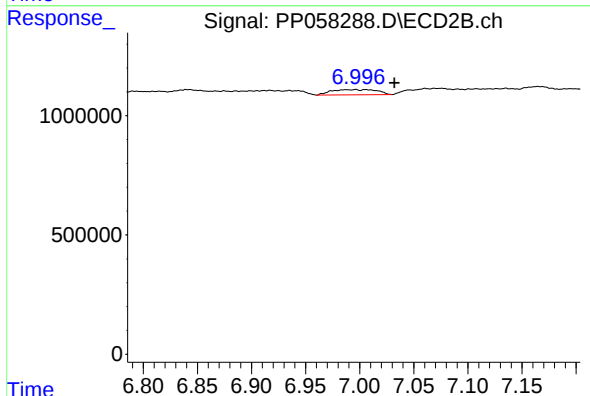
R.T.: 6.841 min
Delta R.T.: 0.017 min
Response: 765617
Conc: 12.23 ng/ml



#37 AR-1262-2

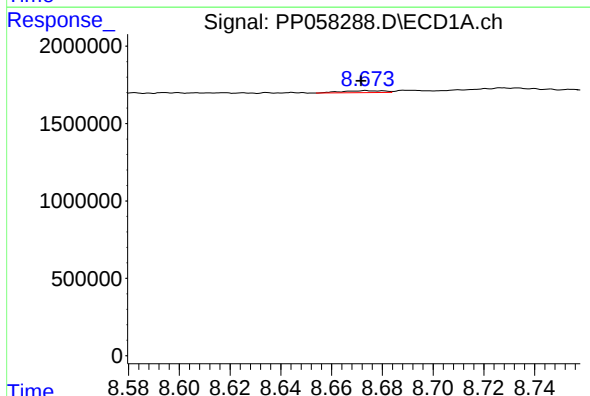
R.T.: 8.359 min
Delta R.T.: 0.005 min
Response: 40981
Conc: 0.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



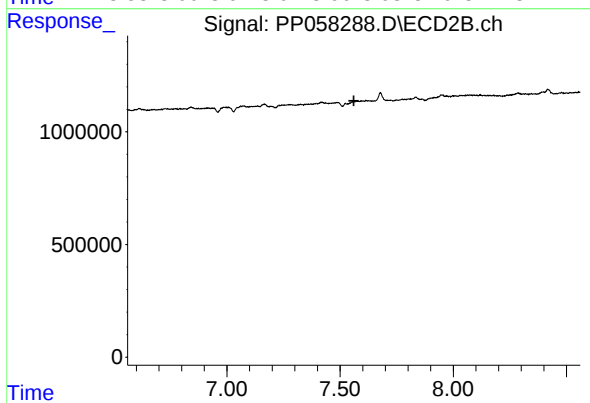
#37 AR-1262-2

R.T.: 7.006 min
Delta R.T.: -0.026 min
Response: 638670
Conc: 5.08 ng/ml



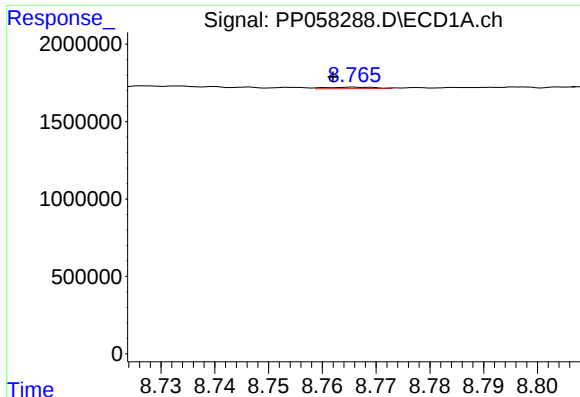
#38 AR-1262-3

R.T.: 8.674 min
Delta R.T.: 0.002 min
Response: 141671
Conc: 1.50 ng/ml



#38 AR-1262-3

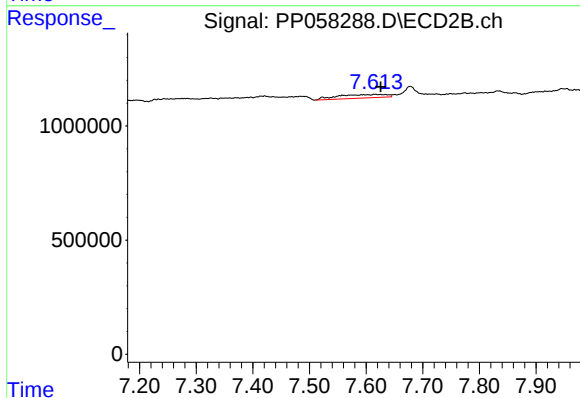
R.T.: 0.000 min
Exp R.T.: 7.561 min
Response: 0
Conc: N.D.



#39 AR-1262-4

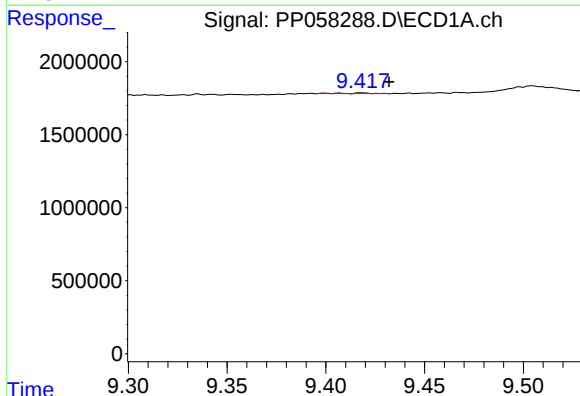
R.T.: 8.767 min
Delta R.T.: 0.005 min
Response: 63841
Conc: 0.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



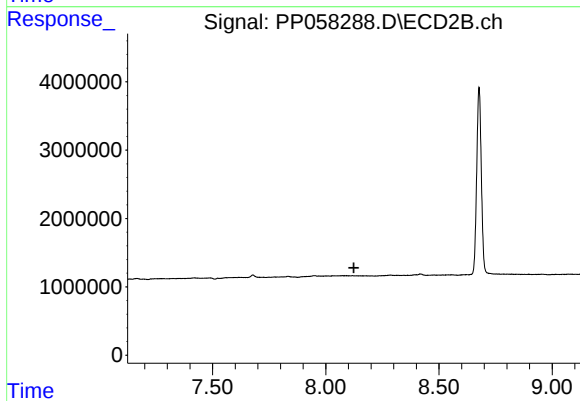
#39 AR-1262-4

R.T.: 7.616 min
Delta R.T.: -0.009 min
Response: 946541
Conc: 5.23 ng/ml



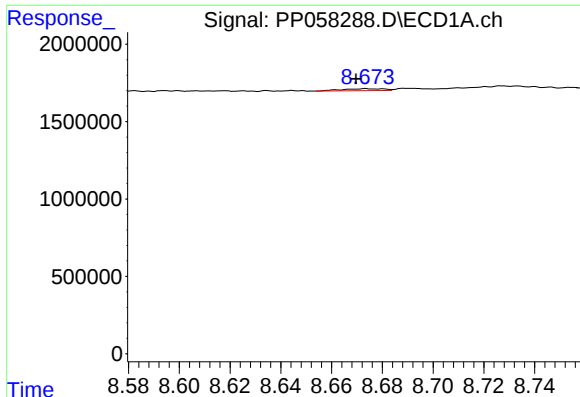
#40 AR-1262-5

R.T.: 9.419 min
Delta R.T.: -0.014 min
Response: 33573
Conc: 0.76 ng/ml



#40 AR-1262-5

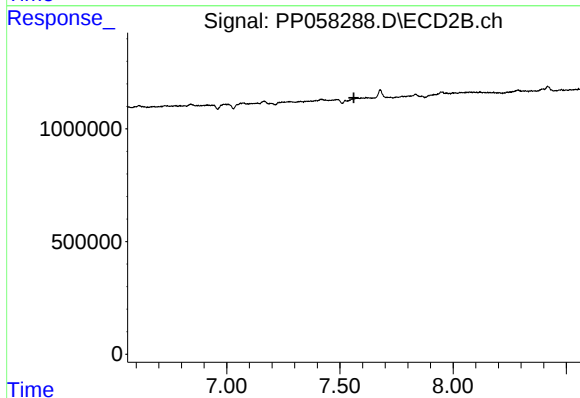
R.T.: 0.000 min
Exp R.T. : 8.124 min
Response: 0
Conc: N.D.



#41 AR-1268-1

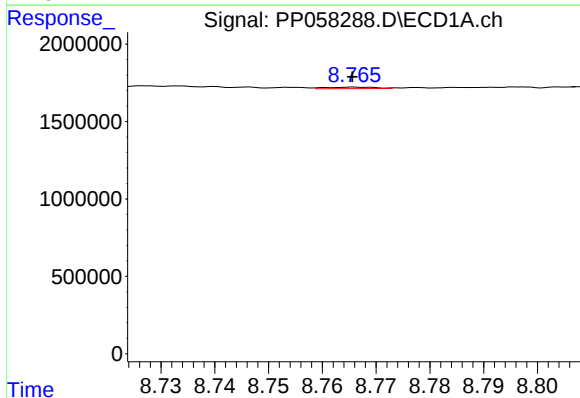
R.T.: 8.674 min
Delta R.T.: 0.004 min
Response: 141671
Conc: 0.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



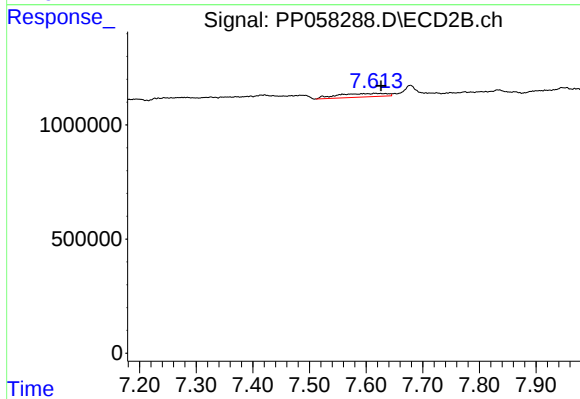
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.561 min
Response: 0
Conc: N.D.



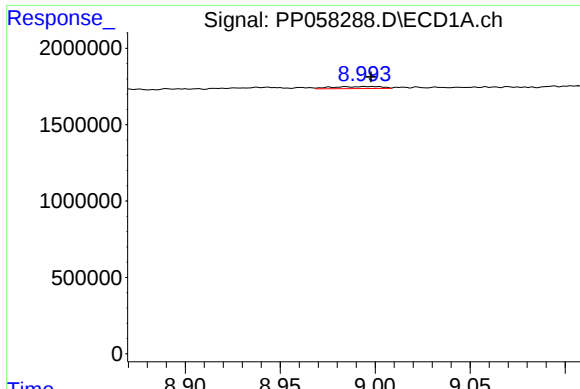
#42 AR-1268-2

R.T.: 8.767 min
Delta R.T.: 0.000 min
Response: 63841
Conc: 0.46 ng/ml



#42 AR-1268-2

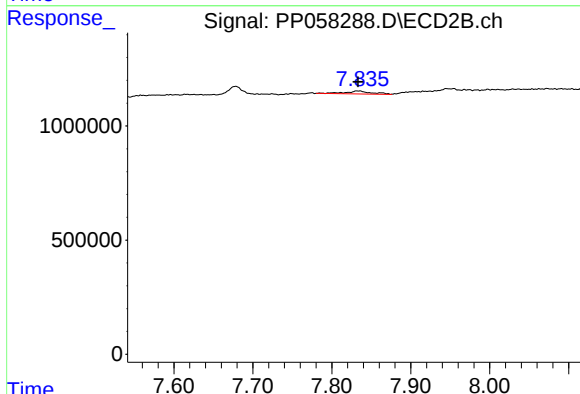
R.T.: 7.616 min
Delta R.T.: -0.011 min
Response: 946541
Conc: 3.72 ng/ml



#43 AR-1268-3

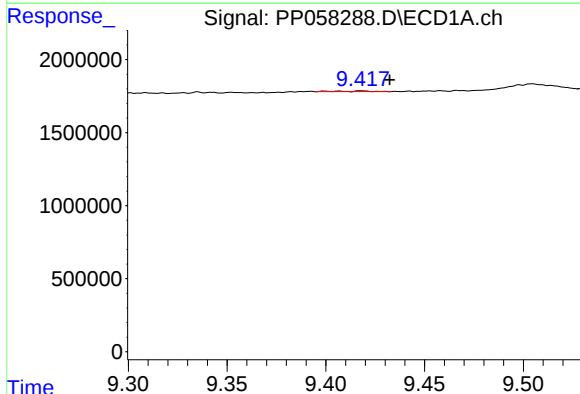
R.T.: 8.994 min
Delta R.T.: -0.004 min
Response: 237358
Conc: 1.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



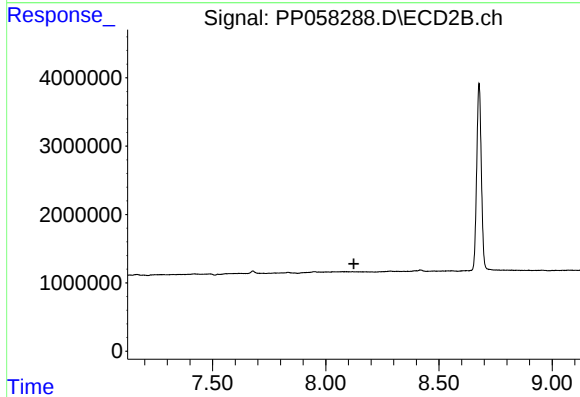
#43 AR-1268-3

R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 291596
Conc: 1.36 ng/ml



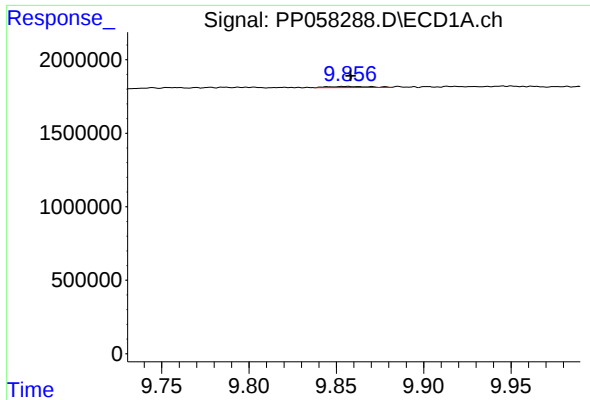
#44 AR-1268-4

R.T.: 9.419 min
Delta R.T.: -0.014 min
Response: 33573
Conc: 0.71 ng/ml



#44 AR-1268-4

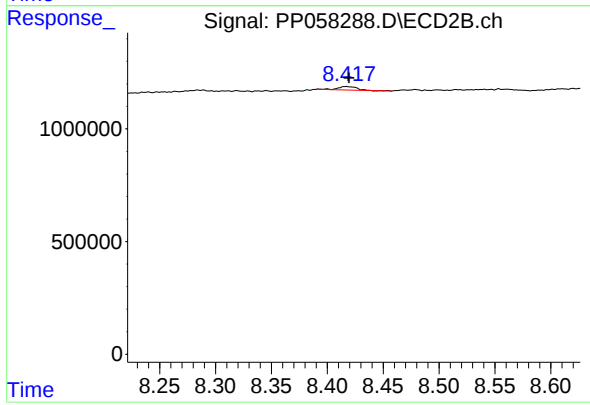
R.T.: 0.000 min
Exp R.T. : 8.124 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.856 min
Delta R.T.: -0.002 min
Response: 128308
Conc: 0.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: -0.002 min
Response: 187719
Conc: 0.33 ng/ml