

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071423\
 Data File : PP058726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2023 15:29
 Operator : YP\AJ
 Sample : 03612-03 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 05:33:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Jul 02 11:11:10 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...	4.437	3.668	2756878	3699654	1.695	1.647
2)	SA Decachlor...	10.243	8.723	2907110	3308172	2.469	1.825 #
Target Compounds							
3)	L1 AR-1016-1	5.604	4.782f	355498	670157	7.039	9.450 #
4)	L1 AR-1016-2	5.648f	4.782	345440	670157	4.682	6.572 #
5)	L1 AR-1016-3	5.704	4.964	131787	116246	2.847	2.178
6)	L1 AR-1016-4	5.799	5.004	82618	36645	2.226	0.795 #
7)	L1 AR-1016-5	6.091	0.000	396071	0	10.185	N.D. #
8)	L2 AR-1221-1	4.647	3.874	71910	41828	3.600	1.472 #
9)	L2 AR-1221-2	4.713f	3.945f	67025	319931	4.431	14.893 #
10)	L2 AR-1221-3	4.824f	4.046	345544	356763	7.743	5.438 #
11)	L3 AR-1232-1	4.824f	4.046	345544	356763	10.290	7.445 #
12)	L3 AR-1232-2	5.341	4.782	47403	670157	2.437	13.919 #
13)	L3 AR-1232-3	5.648f	4.964	345440	116246	10.149	4.552 #
14)	L3 AR-1232-4	5.799	5.044	82618	49074	4.783	2.007 #
15)	L3 AR-1232-5	5.896	0.000	126394	0	8.723	N.D. #
16)	L4 AR-1242-1	5.604	4.782f	355498	670157	8.962	11.539 #
17)	L4 AR-1242-2	5.648f	4.782	345440	670157	5.998	8.137 #
18)	L4 AR-1242-3	5.704	4.964	131787	116246	3.599	2.674 #
19)	L4 AR-1242-4	5.799	5.044	82618	49074	2.834	1.067 #
20)	L4 AR-1242-5	6.522	5.545f	78770	238742	2.789	4.172 #
21)	L5 AR-1248-1	5.604	4.782f	355498	670157	11.000	14.483 #
22)	L5 AR-1248-2	5.896	5.004	126394	36645	2.585	0.532 #
23)	L5 AR-1248-3	6.091	5.044	396071	49074	7.337	0.694 #
24)	L5 AR-1248-4	6.473f	0.000	469777	0	8.383	N.D. #
25)	L5 AR-1248-5	6.522	5.615	78770	550256	1.466	7.172 #
26)	L6 AR-1254-1	6.473	5.545f	469777	238742	8.085	1.964 #
27)	L6 AR-1254-2	6.690	5.717	340040	251759	3.924	2.288 #
28)	L6 AR-1254-3	7.059	6.121	357208	165752	4.031	0.994 #
29)	L6 AR-1254-4	7.346	6.360	34906	230591	0.591	2.388 #
30)	L6 AR-1254-5	7.767	6.777	93536	60468	1.381	0.384 #
31)	L7 AR-1260-1	7.221	6.269	134872	223336	1.922	1.939
32)	L7 AR-1260-2	7.468	6.427f	49248	124927	0.630	0.914 #
33)	L7 AR-1260-3	7.838	6.610	45098	347328	0.868	2.725 #
34)	L7 AR-1260-4	8.063	7.083	111158	201303	1.787	2.181
35)	L7 AR-1260-5	8.404	7.335	272150	61939	2.460	0.316 #
36)	L8 AR-1262-1	7.838	6.859	45098	40169	0.531	0.573
37)	L8 AR-1262-2	8.404f	7.083	272150	201303	1.948	1.345 #
38)	L8 AR-1262-3	8.695	7.600	45579	28773	0.464	0.255 #
39)	L8 AR-1262-4	8.788	7.676	34124	57153	0.441	0.281 #
40)	L8 AR-1262-5	9.463	0.000	53224	0	1.129	N.D. #
41)	L9 AR-1268-1	8.695	7.600	45579	28773	0.268	0.090 #

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 QLast Update : Sun Jul 02 11:11:10 2023
 Response via : Initial Calibration
 Integrator: ChemStation

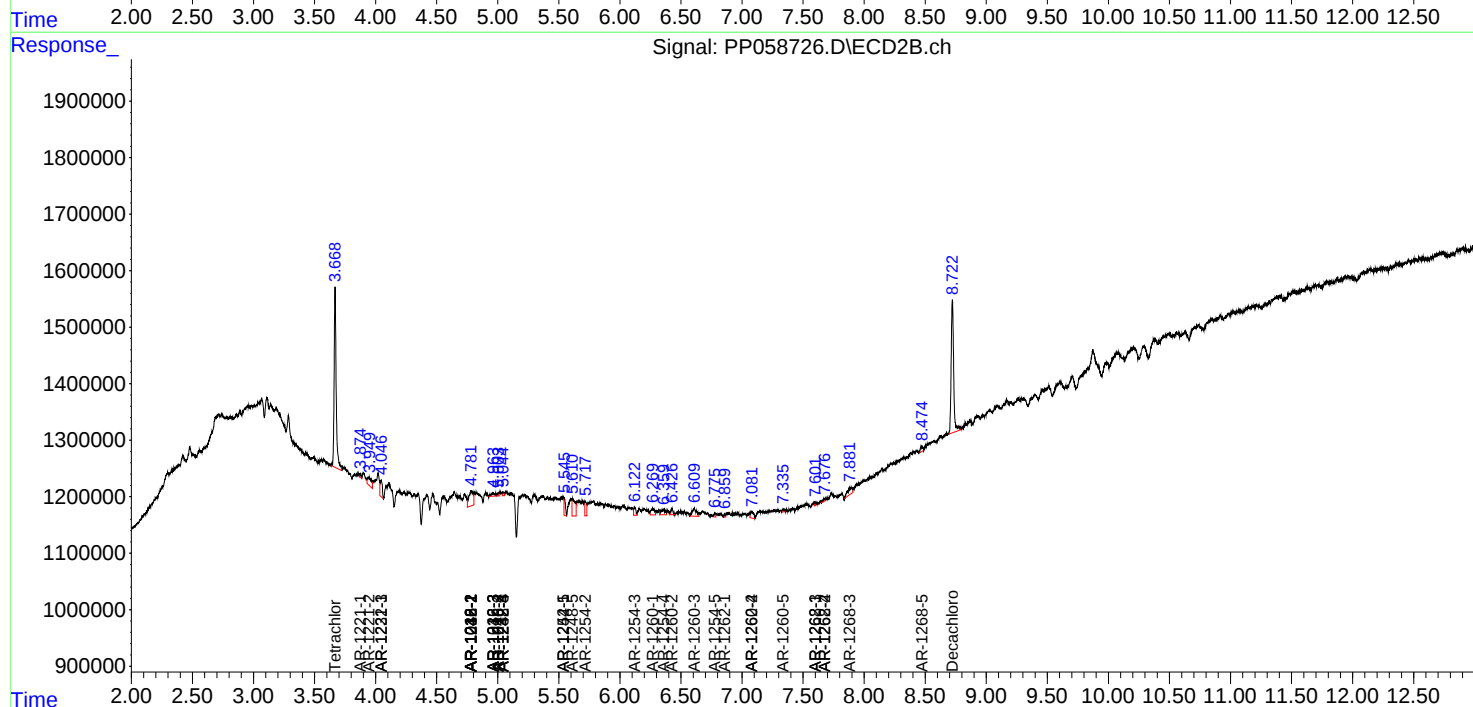
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

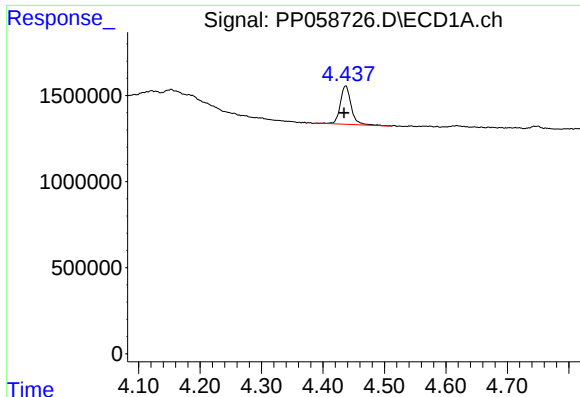
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.788	7.676	34124	57153	0.223	0.200
43) L9	AR-1268-3	0.000	7.881	0	321307	N.D.	1.265 #
44) L9	AR-1268-4	9.463	0.000	53224	0	1.090	N.D. #
45) L9	AR-1268-5	9.897	8.474f	88829	117740	0.217	0.164

(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

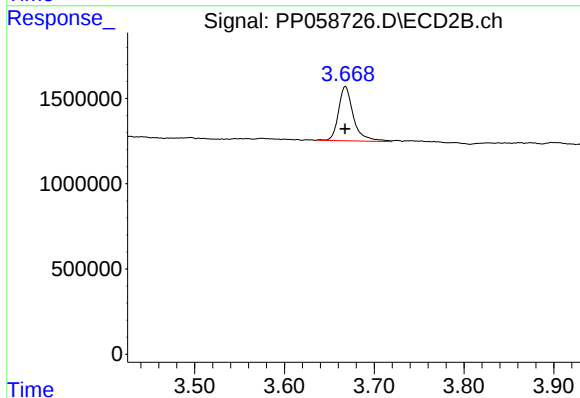




#1 Tetrachloro-m-xylene

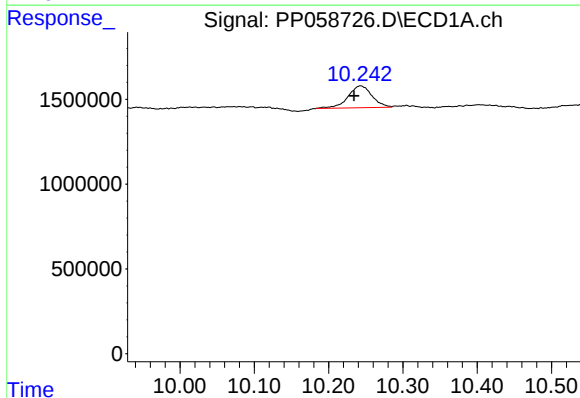
R.T.: 4.437 min
Delta R.T.: 0.003 min
Response: 2756878
Conc: 1.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



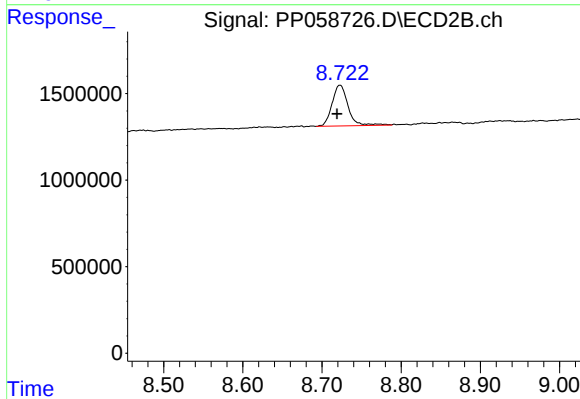
#1 Tetrachloro-m-xylene

R.T.: 3.668 min
Delta R.T.: 0.000 min
Response: 3699654
Conc: 1.65 ng/ml



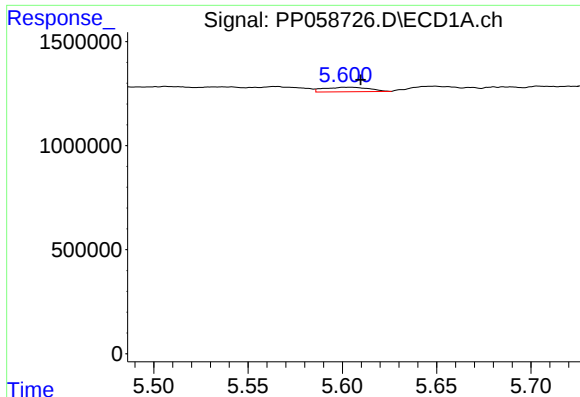
#2 Decachlorobiphenyl

R.T.: 10.243 min
Delta R.T.: 0.008 min
Response: 2907110
Conc: 2.47 ng/ml



#2 Decachlorobiphenyl

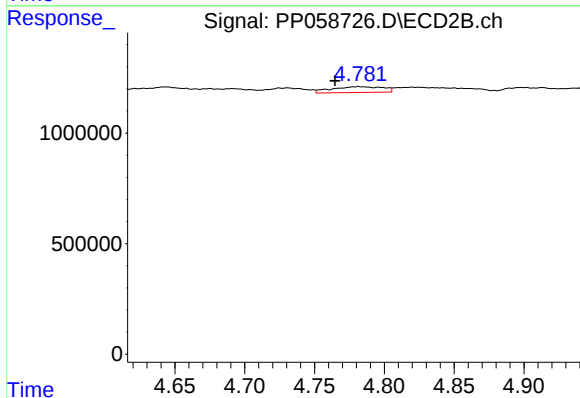
R.T.: 8.723 min
Delta R.T.: 0.004 min
Response: 3308172
Conc: 1.82 ng/ml



#3 AR-1016-1

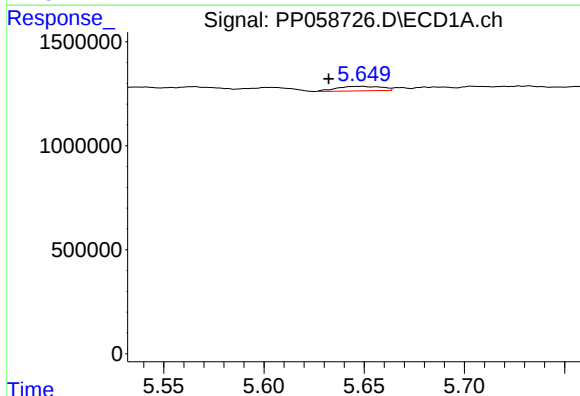
R.T.: 5.604 min
Delta R.T.: -0.006 min
Response: 355498
Conc: 7.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



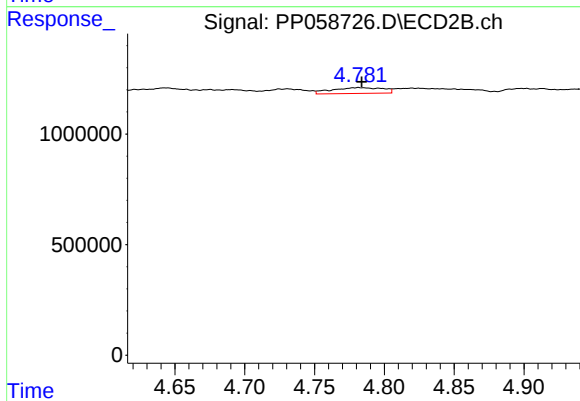
#3 AR-1016-1

R.T.: 4.782 min
Delta R.T.: 0.017 min
Response: 670157
Conc: 9.45 ng/ml



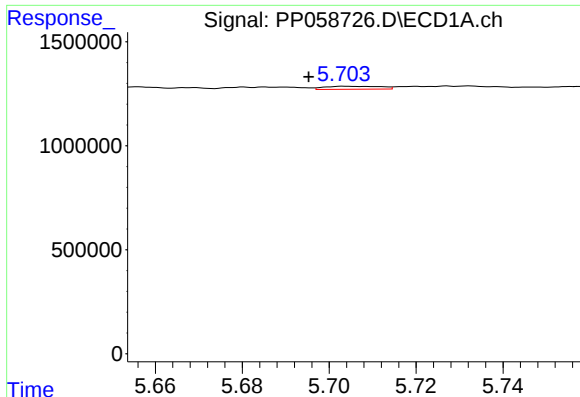
#4 AR-1016-2

R.T.: 5.648 min
Delta R.T.: 0.016 min
Response: 345440
Conc: 4.68 ng/ml



#4 AR-1016-2

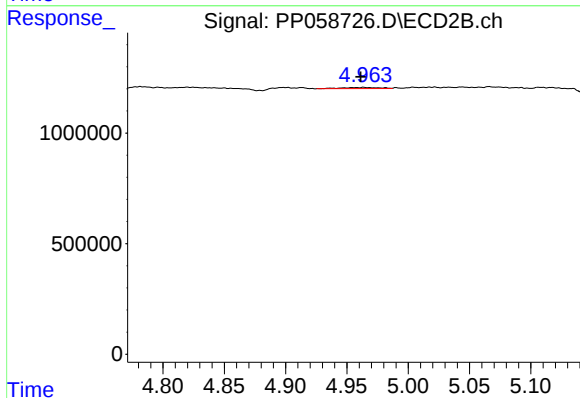
R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 670157
Conc: 6.57 ng/ml



#5 AR-1016-3

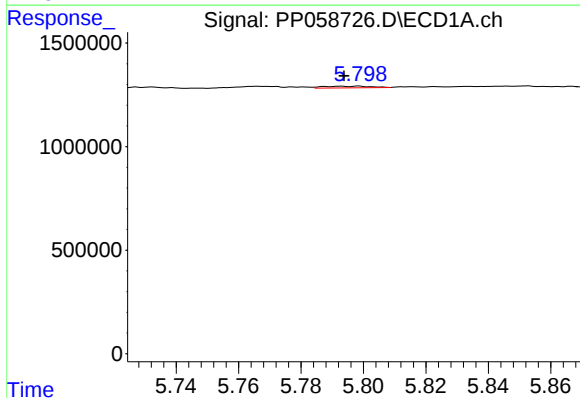
R.T.: 5.704 min
Delta R.T.: 0.009 min
Response: 131787
Conc: 2.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



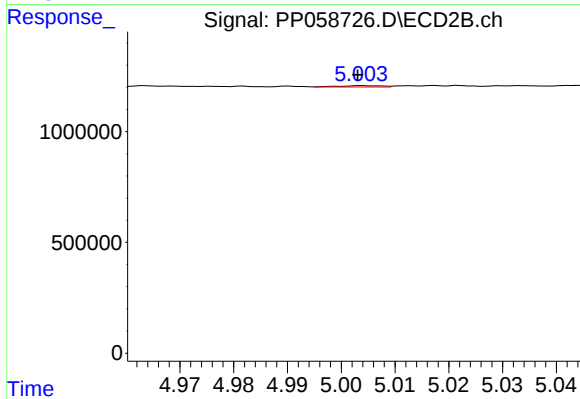
#5 AR-1016-3

R.T.: 4.964 min
Delta R.T.: 0.003 min
Response: 116246
Conc: 2.18 ng/ml



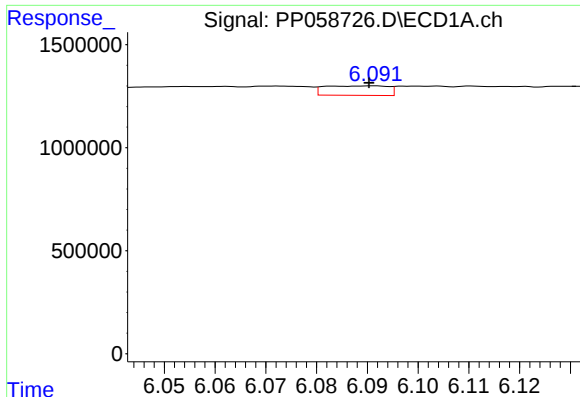
#6 AR-1016-4

R.T.: 5.799 min
Delta R.T.: 0.005 min
Response: 82618
Conc: 2.23 ng/ml



#6 AR-1016-4

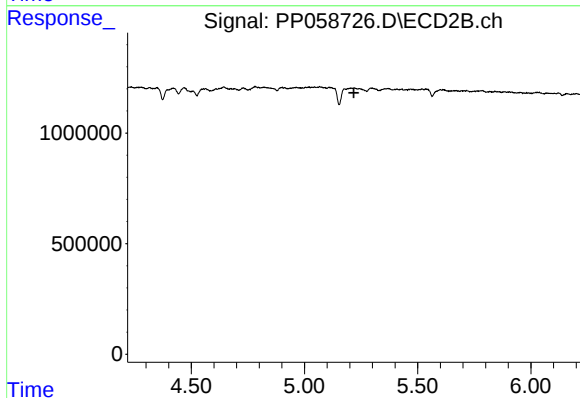
R.T.: 5.004 min
Delta R.T.: 0.001 min
Response: 36645
Conc: 0.79 ng/ml



#7 AR-1016-5

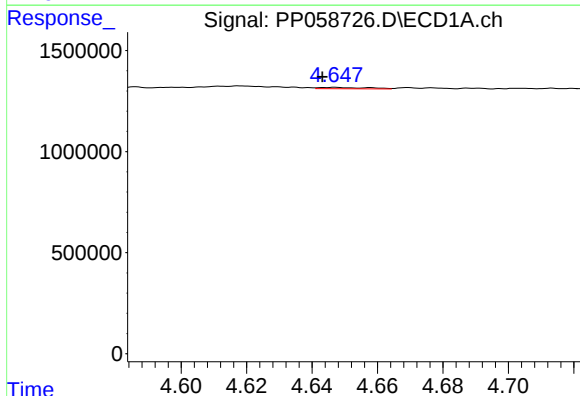
R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 396071
Conc: 10.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



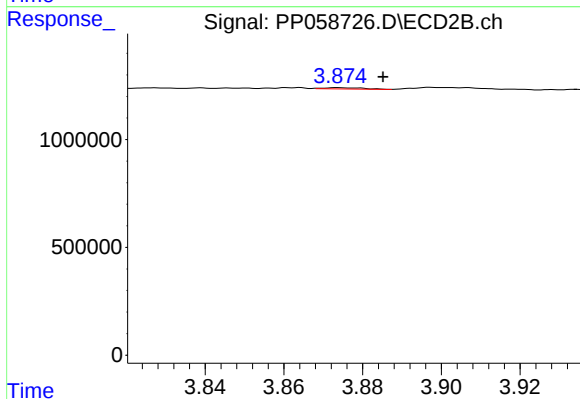
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.218 min
Response: 0
Conc: N.D.



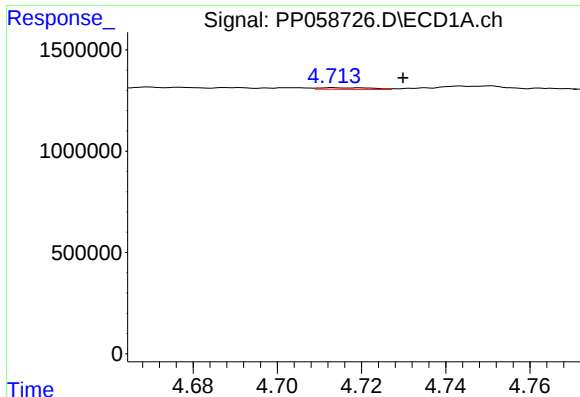
#8 AR-1221-1

R.T.: 4.647 min
Delta R.T.: 0.004 min
Response: 71910
Conc: 3.60 ng/ml



#8 AR-1221-1

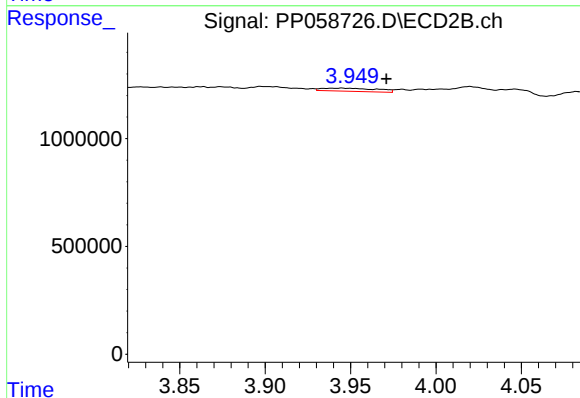
R.T.: 3.874 min
Delta R.T.: -0.011 min
Response: 41828
Conc: 1.47 ng/ml



#9 AR-1221-2

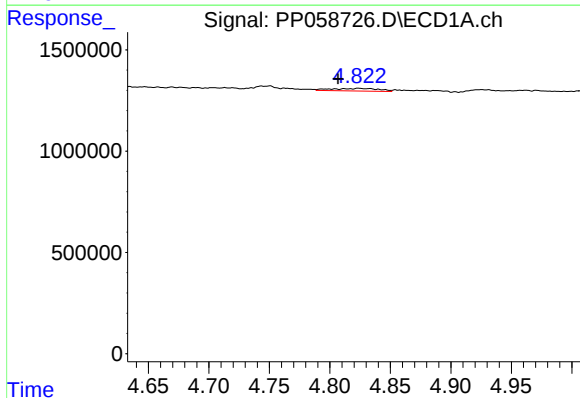
R.T.: 4.713 min
Delta R.T.: -0.017 min
Response: 67025
Conc: 4.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



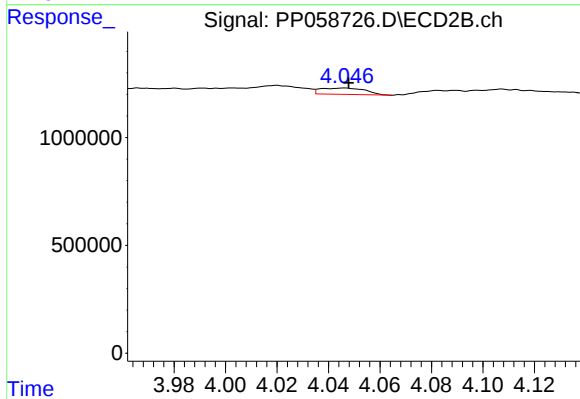
#9 AR-1221-2

R.T.: 3.945 min
Delta R.T.: -0.026 min
Response: 319931
Conc: 14.89 ng/ml



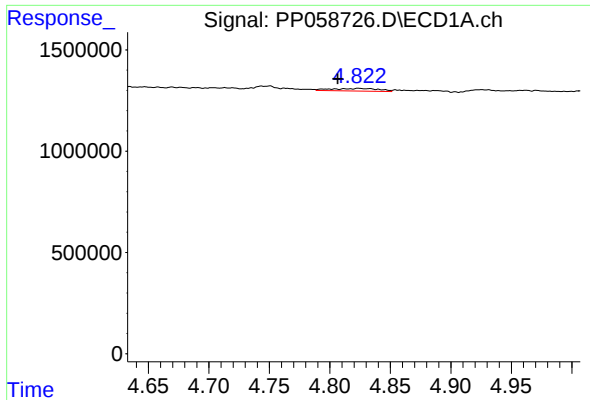
#10 AR-1221-3

R.T.: 4.824 min
Delta R.T.: 0.017 min
Response: 345544
Conc: 7.74 ng/ml



#10 AR-1221-3

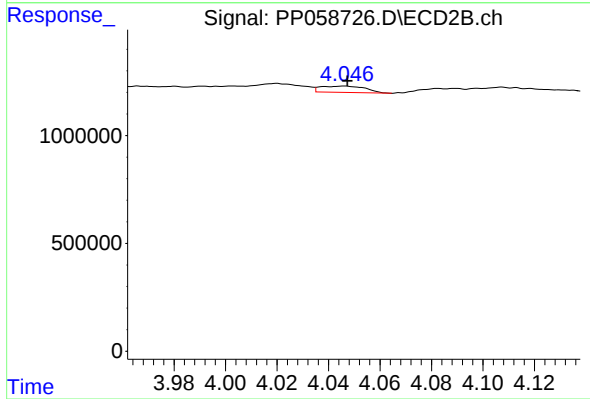
R.T.: 4.046 min
Delta R.T.: -0.002 min
Response: 356763
Conc: 5.44 ng/ml



#11 AR-1232-1

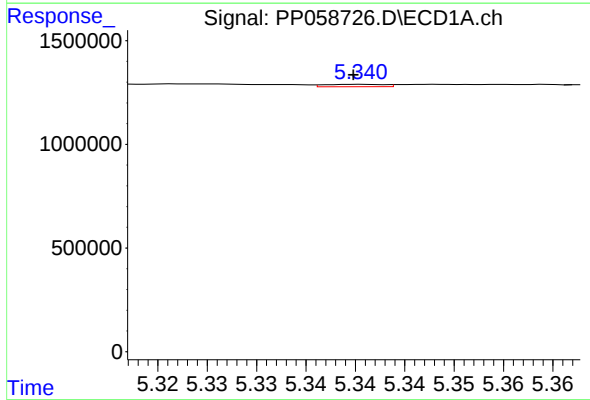
R.T.: 4.824 min
Delta R.T.: 0.017 min
Response: 345544
Conc: 10.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



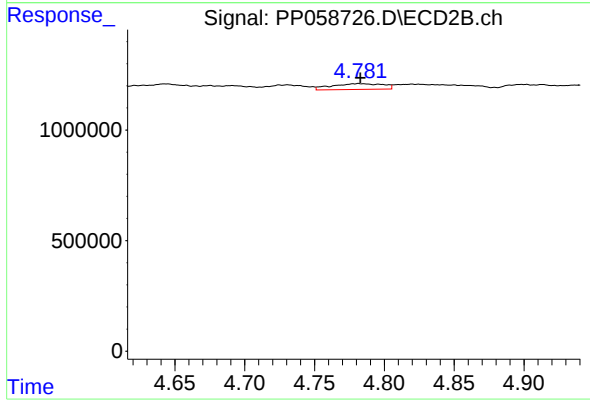
#11 AR-1232-1

R.T.: 4.046 min
Delta R.T.: -0.001 min
Response: 356763
Conc: 7.45 ng/ml



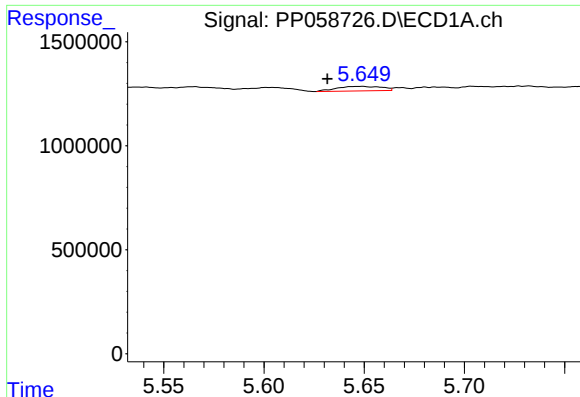
#12 AR-1232-2

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 47403
Conc: 2.44 ng/ml



#12 AR-1232-2

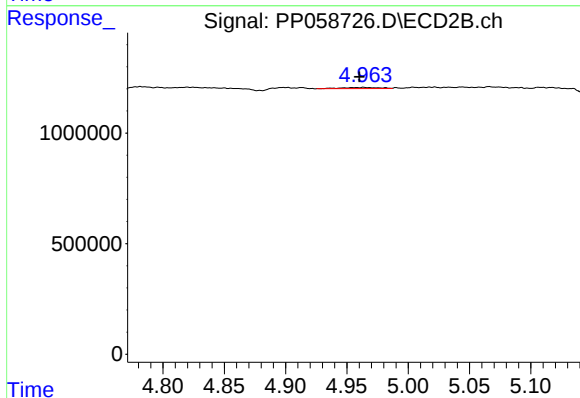
R.T.: 4.782 min
Delta R.T.: -0.001 min
Response: 670157
Conc: 13.92 ng/ml



#13 AR-1232-3

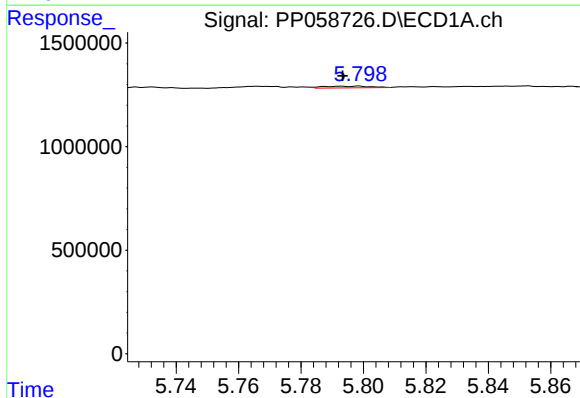
R.T.: 5.648 min
Delta R.T.: 0.017 min
Response: 345440
Conc: 10.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



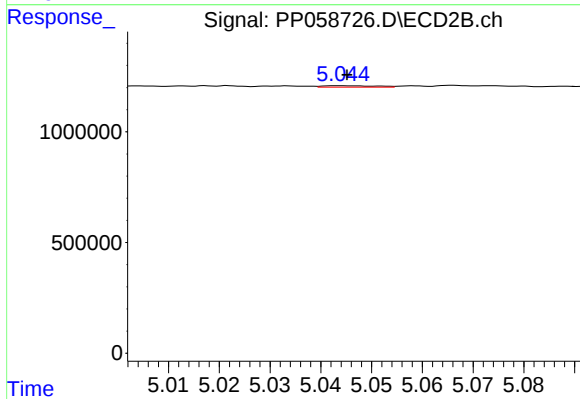
#13 AR-1232-3

R.T.: 4.964 min
Delta R.T.: 0.004 min
Response: 116246
Conc: 4.55 ng/ml



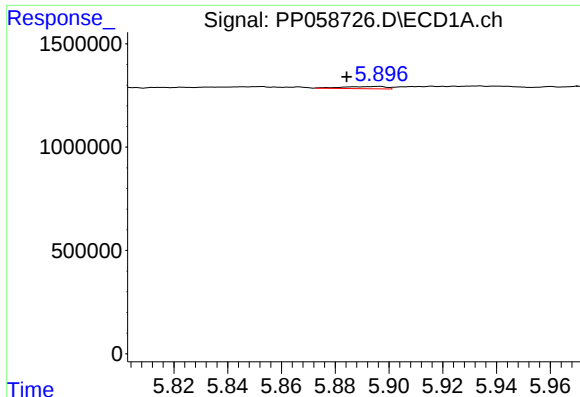
#14 AR-1232-4

R.T.: 5.799 min
Delta R.T.: 0.005 min
Response: 82618
Conc: 4.78 ng/ml



#14 AR-1232-4

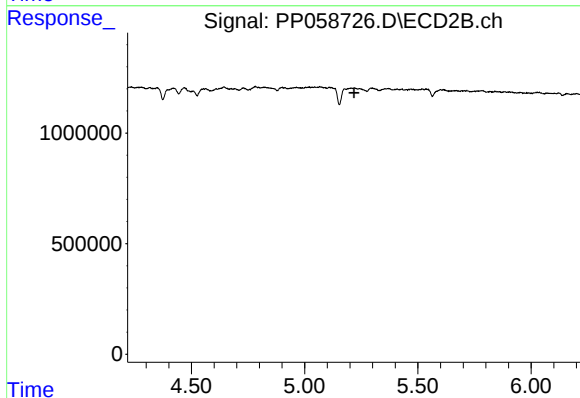
R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 49074
Conc: 2.01 ng/ml



#15 AR-1232-5

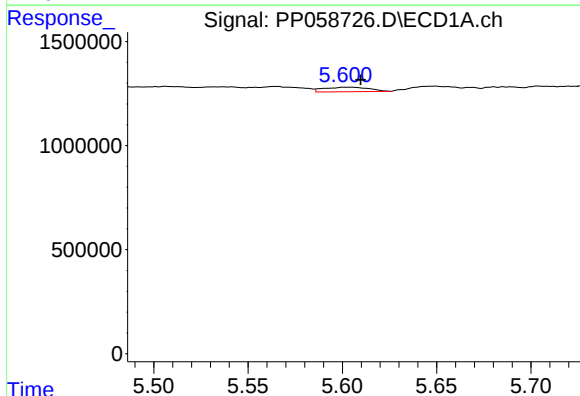
R.T.: 5.896 min
Delta R.T.: 0.012 min
Response: 126394
Conc: 8.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



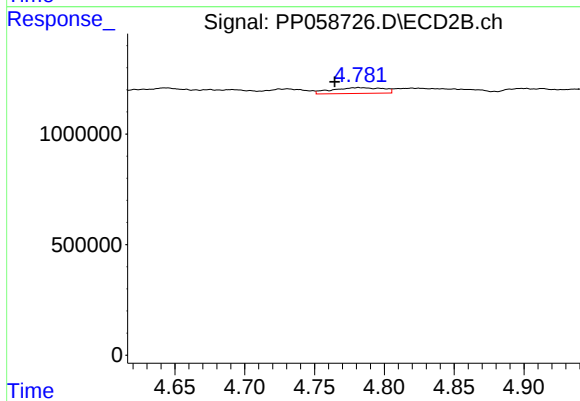
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.218 min
Response: 0
Conc: N.D.



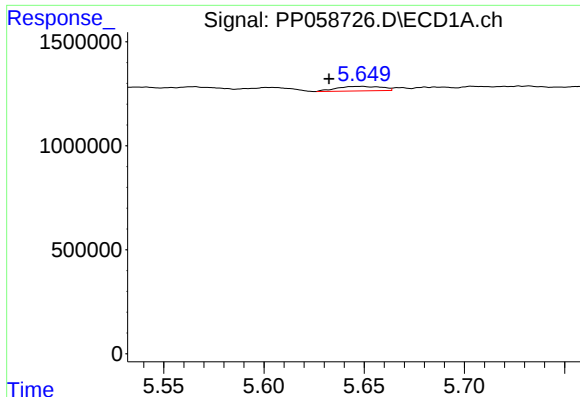
#16 AR-1242-1

R.T.: 5.604 min
Delta R.T.: -0.006 min
Response: 355498
Conc: 8.96 ng/ml



#16 AR-1242-1

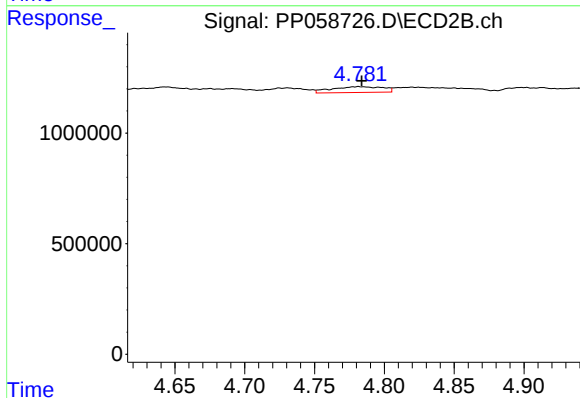
R.T.: 4.782 min
Delta R.T.: 0.017 min
Response: 670157
Conc: 11.54 ng/ml



#17 AR-1242-2

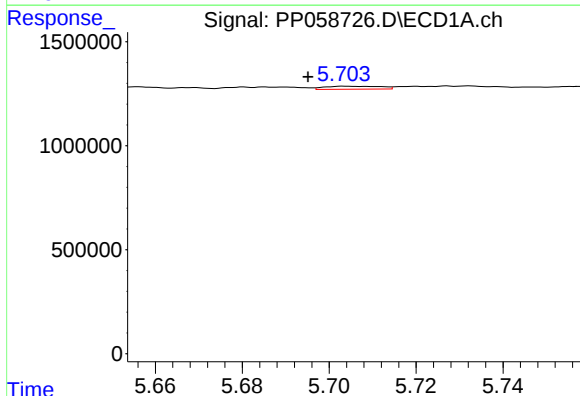
R.T.: 5.648 min
Delta R.T.: 0.016 min
Response: 345440
Conc: 6.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



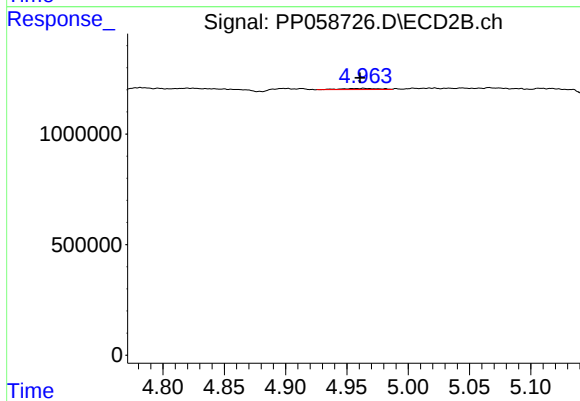
#17 AR-1242-2

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 670157
Conc: 8.14 ng/ml



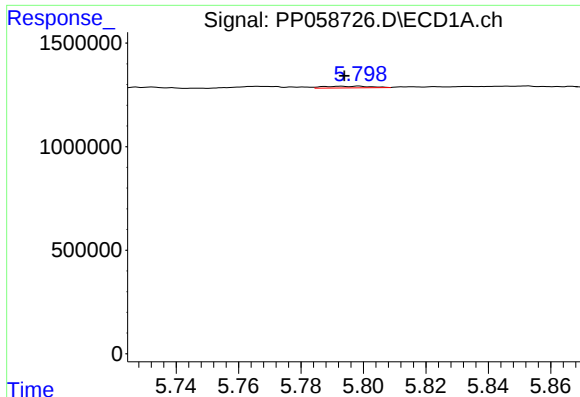
#18 AR-1242-3

R.T.: 5.704 min
Delta R.T.: 0.009 min
Response: 131787
Conc: 3.60 ng/ml



#18 AR-1242-3

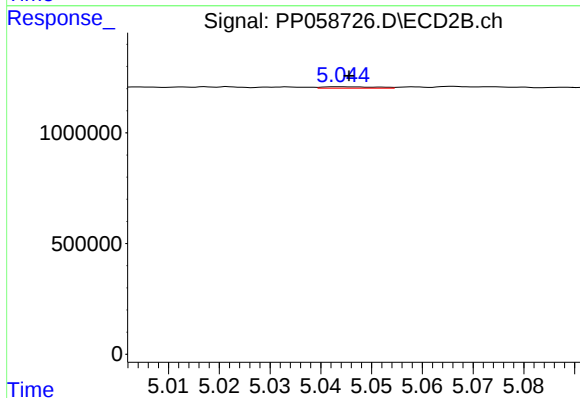
R.T.: 4.964 min
Delta R.T.: 0.003 min
Response: 116246
Conc: 2.67 ng/ml



#19 AR-1242-4

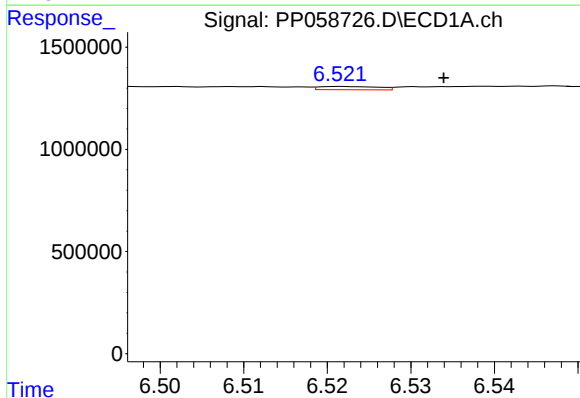
R.T.: 5.799 min
Delta R.T.: 0.005 min
Response: 82618
Conc: 2.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



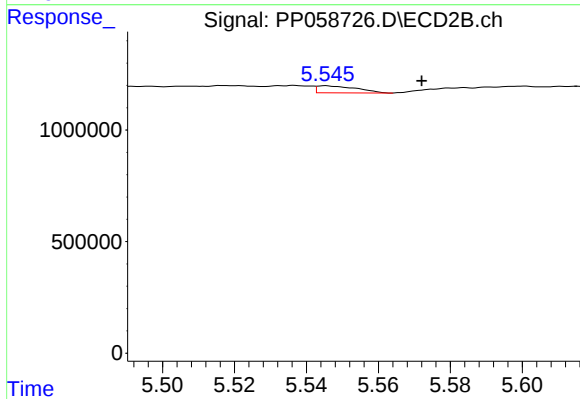
#19 AR-1242-4

R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 49074
Conc: 1.07 ng/ml



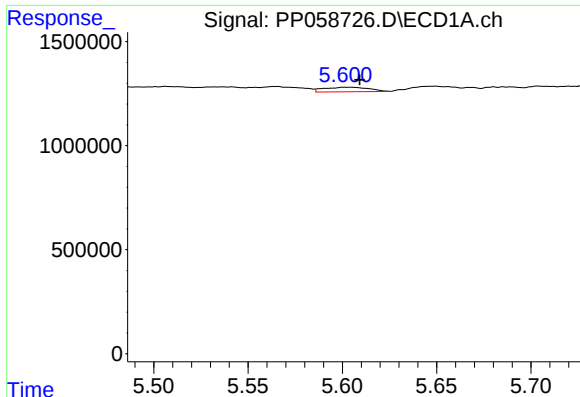
#20 AR-1242-5

R.T.: 6.522 min
Delta R.T.: -0.012 min
Response: 78770
Conc: 2.79 ng/ml



#20 AR-1242-5

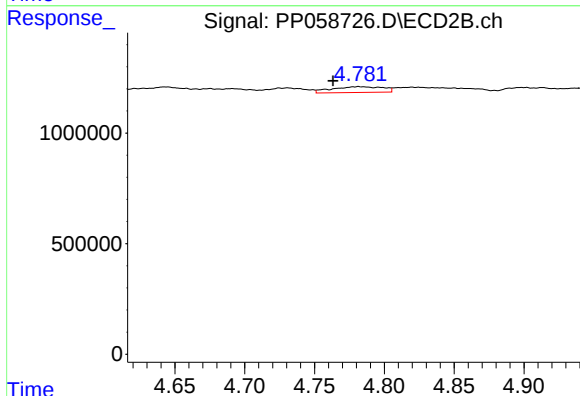
R.T.: 5.545 min
Delta R.T.: -0.027 min
Response: 238742
Conc: 4.17 ng/ml



#21 AR-1248-1

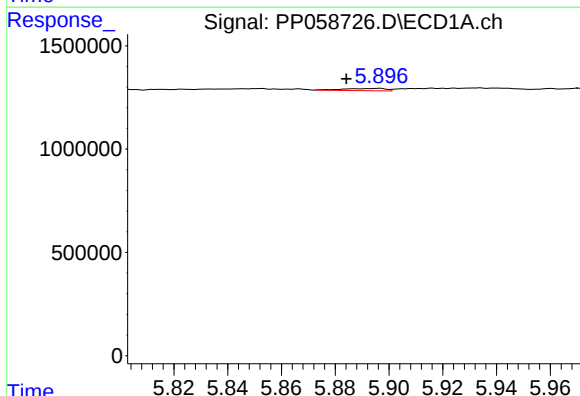
R.T.: 5.604 min
Delta R.T.: -0.005 min
Response: 355498
Conc: 11.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



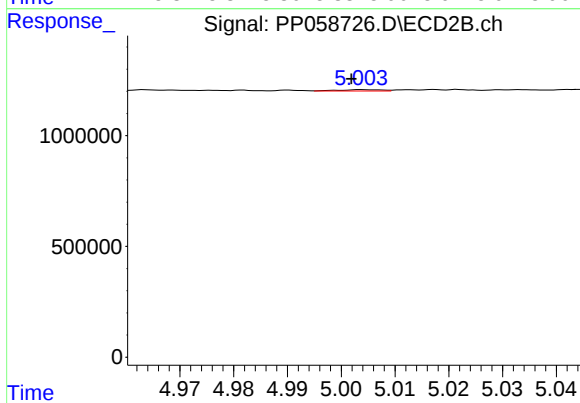
#21 AR-1248-1

R.T.: 4.782 min
Delta R.T.: 0.018 min
Response: 670157
Conc: 14.48 ng/ml



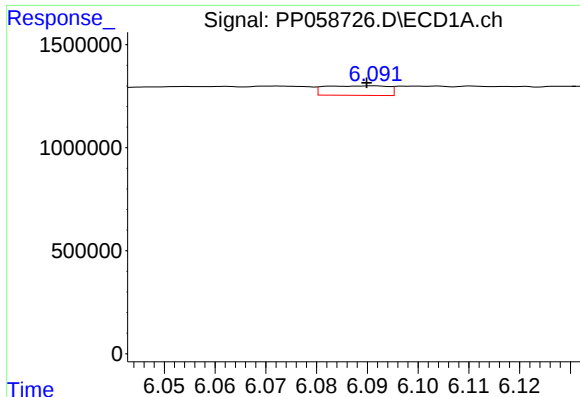
#22 AR-1248-2

R.T.: 5.896 min
Delta R.T.: 0.012 min
Response: 126394
Conc: 2.58 ng/ml



#22 AR-1248-2

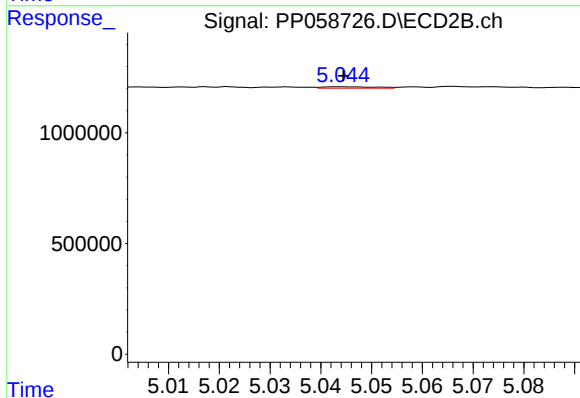
R.T.: 5.004 min
Delta R.T.: 0.003 min
Response: 36645
Conc: 0.53 ng/ml



#23 AR-1248-3

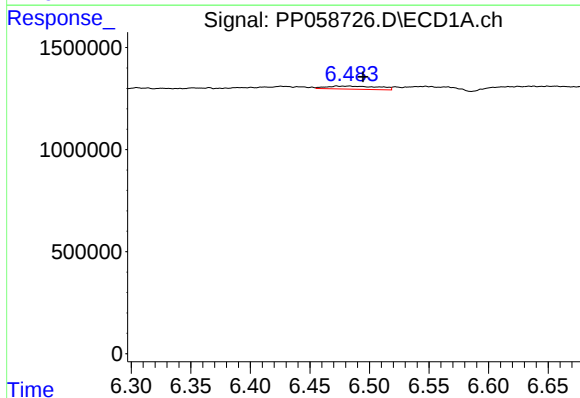
R.T.: 6.091 min
Delta R.T.: 0.001 min
Response: 396071
Conc: 7.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



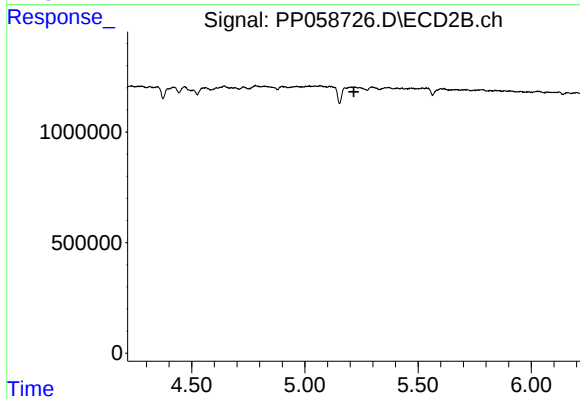
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 49074
Conc: 0.69 ng/ml



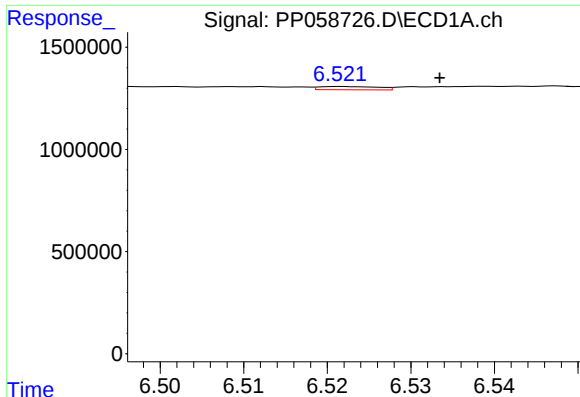
#24 AR-1248-4

R.T.: 6.473 min
Delta R.T.: -0.022 min
Response: 469777
Conc: 8.38 ng/ml



#24 AR-1248-4

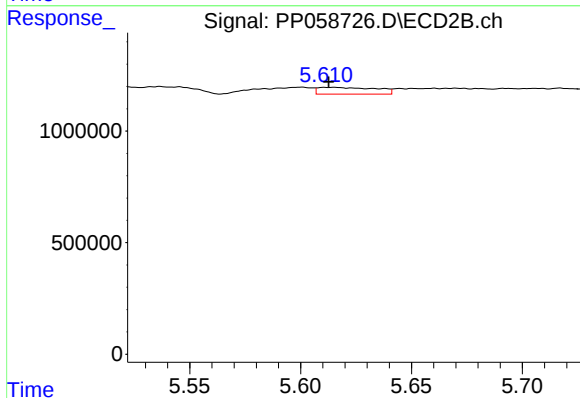
R.T.: 0.000 min
Exp R.T. : 5.217 min
Response: 0
Conc: N.D.



#25 AR-1248-5

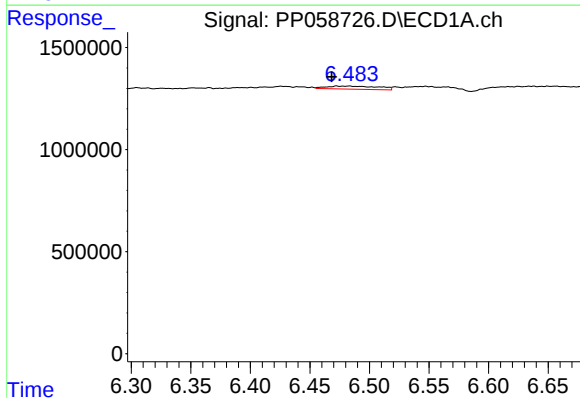
R.T.: 6.522 min
Delta R.T.: -0.012 min
Response: 78770
Conc: 1.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



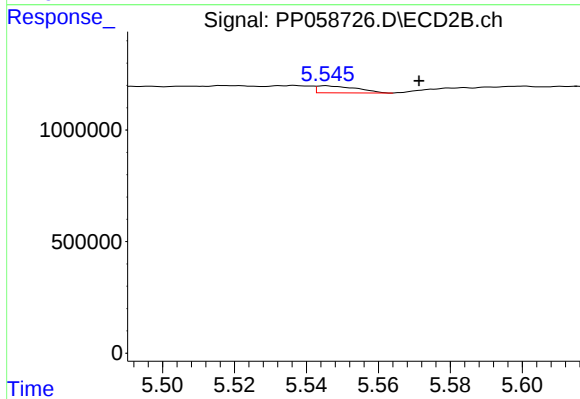
#25 AR-1248-5

R.T.: 5.615 min
Delta R.T.: 0.003 min
Response: 550256
Conc: 7.17 ng/ml



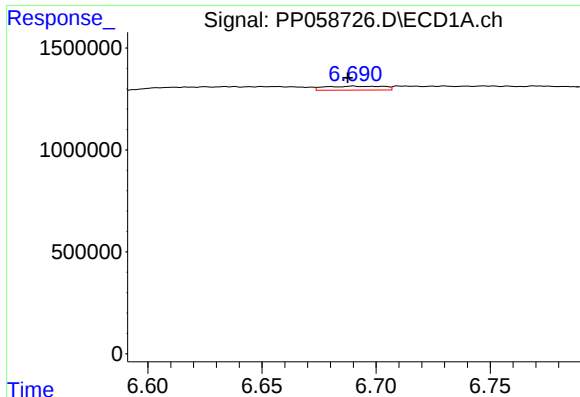
#26 AR-1254-1

R.T.: 6.473 min
Delta R.T.: 0.004 min
Response: 469777
Conc: 8.09 ng/ml



#26 AR-1254-1

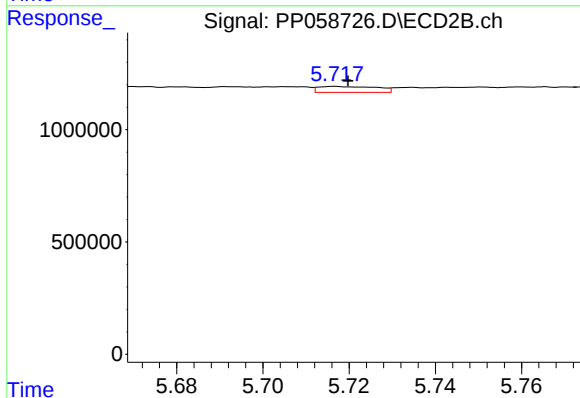
R.T.: 5.545 min
Delta R.T.: -0.026 min
Response: 238742
Conc: 1.96 ng/ml



#27 AR-1254-2

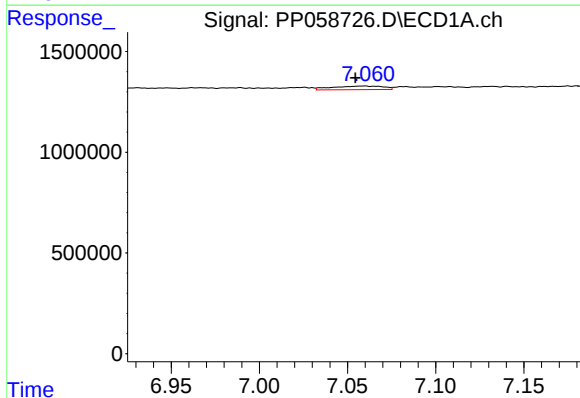
R.T.: 6.690 min
Delta R.T.: 0.002 min
Response: 340040
Conc: 3.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



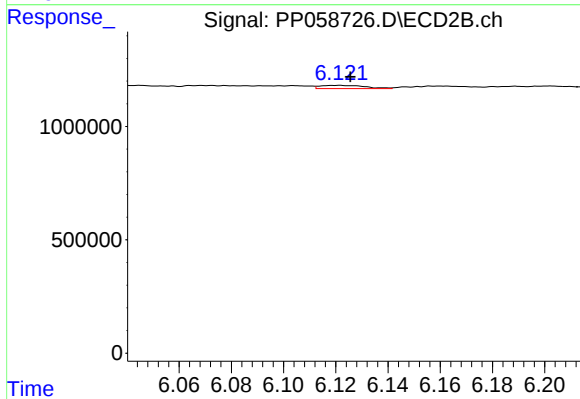
#27 AR-1254-2

R.T.: 5.717 min
Delta R.T.: -0.003 min
Response: 251759
Conc: 2.29 ng/ml



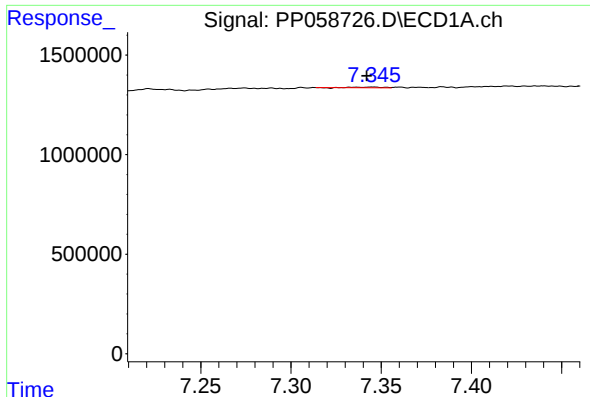
#28 AR-1254-3

R.T.: 7.059 min
Delta R.T.: 0.005 min
Response: 357208
Conc: 4.03 ng/ml



#28 AR-1254-3

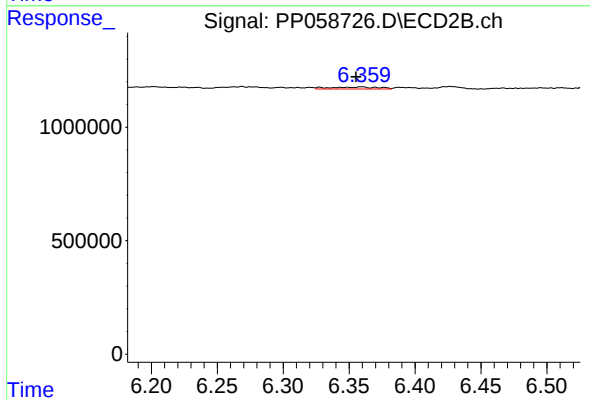
R.T.: 6.121 min
Delta R.T.: -0.004 min
Response: 165752
Conc: 0.99 ng/ml



#29 AR-1254-4

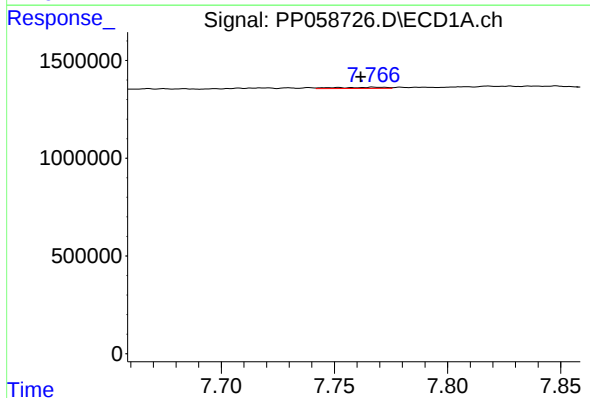
R.T.: 7.346 min
Delta R.T.: 0.004 min
Response: 34906
Conc: 0.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



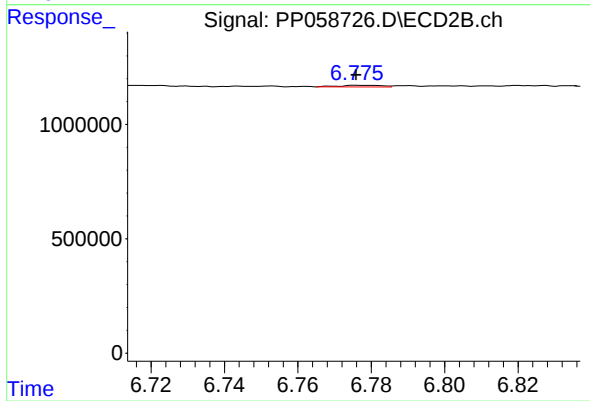
#29 AR-1254-4

R.T.: 6.360 min
Delta R.T.: 0.004 min
Response: 230591
Conc: 2.39 ng/ml



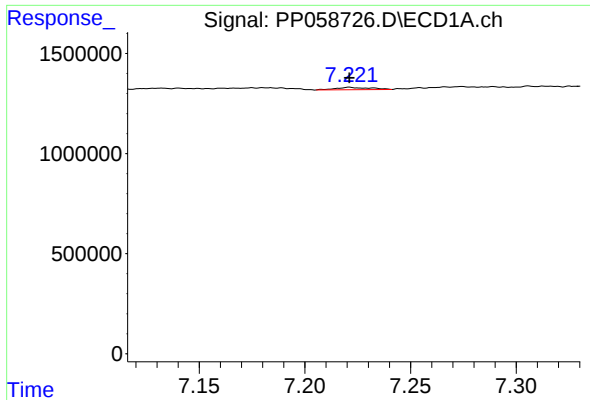
#30 AR-1254-5

R.T.: 7.767 min
Delta R.T.: 0.006 min
Response: 93536
Conc: 1.38 ng/ml



#30 AR-1254-5

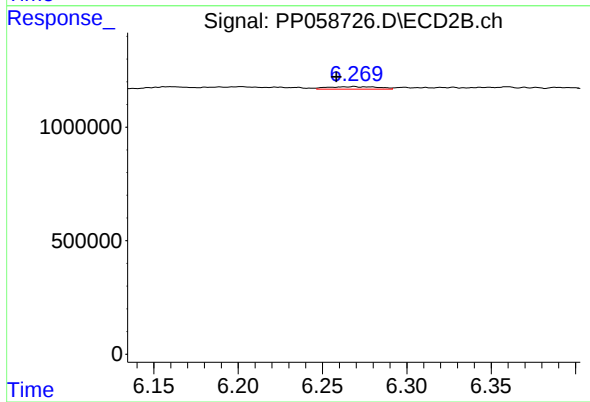
R.T.: 6.777 min
Delta R.T.: 0.001 min
Response: 60468
Conc: 0.38 ng/ml



#31 AR-1260-1

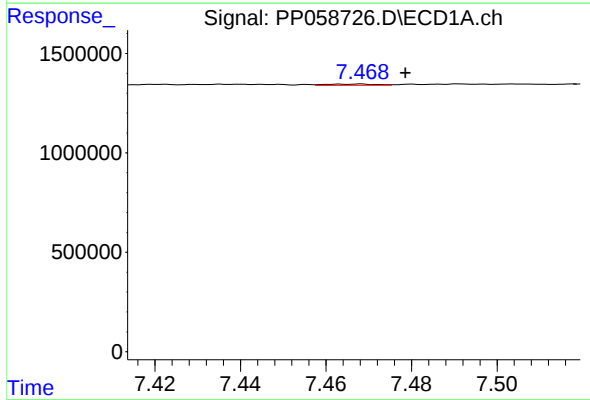
R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 134872
Conc: 1.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



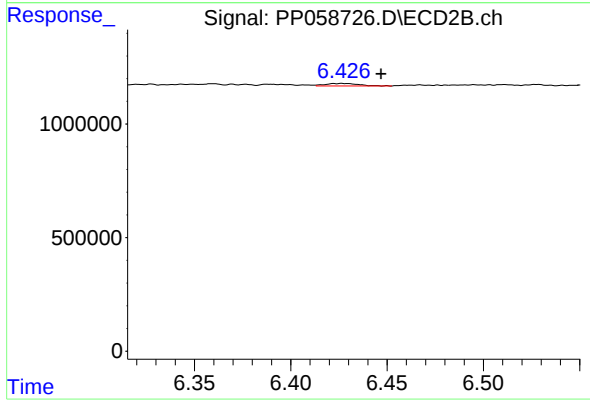
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: 0.011 min
Response: 223336
Conc: 1.94 ng/ml



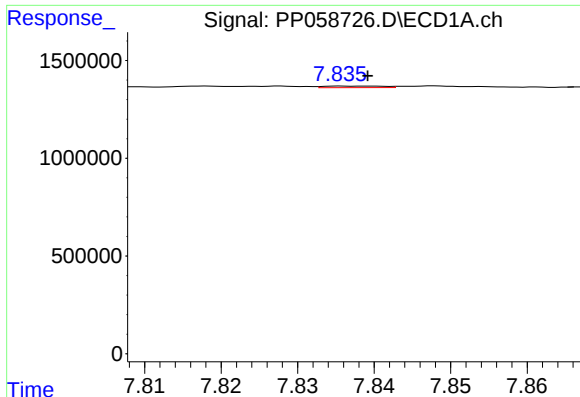
#32 AR-1260-2

R.T.: 7.468 min
Delta R.T.: -0.011 min
Response: 49248
Conc: 0.63 ng/ml



#32 AR-1260-2

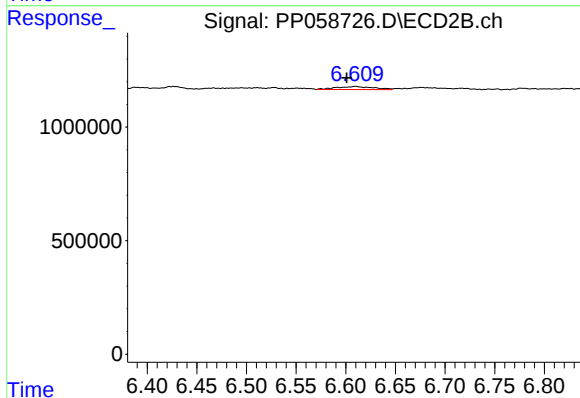
R.T.: 6.427 min
Delta R.T.: -0.020 min
Response: 124927
Conc: 0.91 ng/ml



#33 AR-1260-3

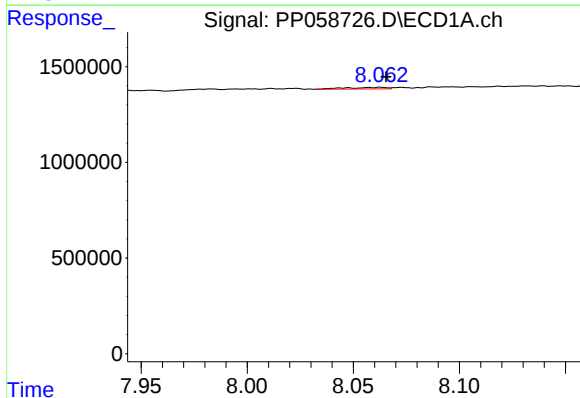
R.T.: 7.838 min
Delta R.T.: -0.002 min
Response: 45098
Conc: 0.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



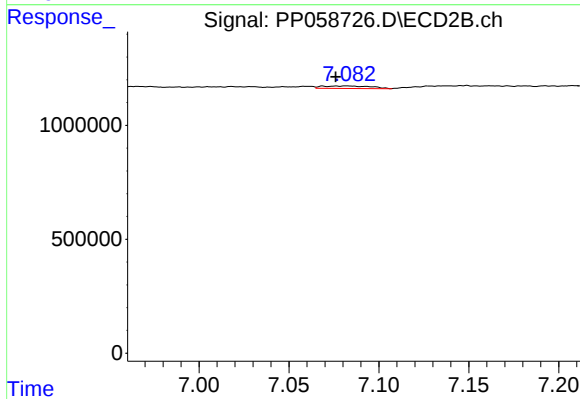
#33 AR-1260-3

R.T.: 6.610 min
Delta R.T.: 0.009 min
Response: 347328
Conc: 2.72 ng/ml



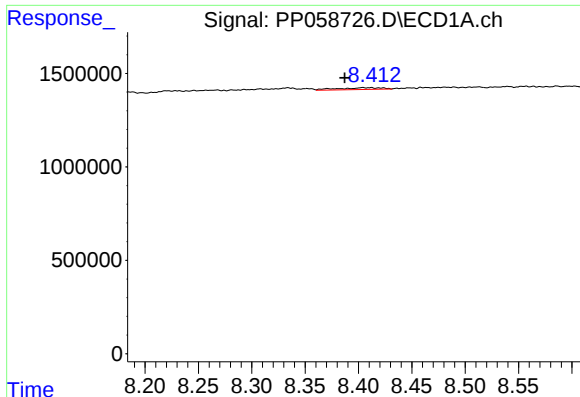
#34 AR-1260-4

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 111158
Conc: 1.79 ng/ml



#34 AR-1260-4

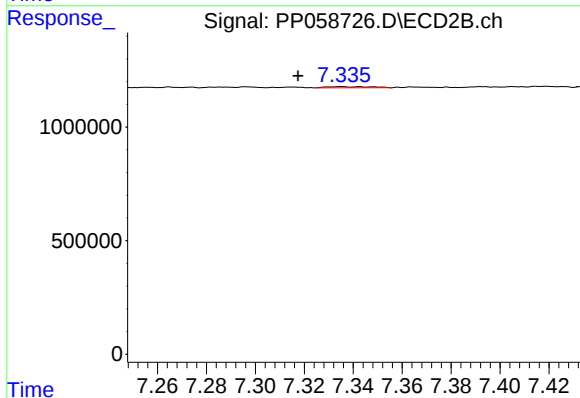
R.T.: 7.083 min
Delta R.T.: 0.007 min
Response: 201303
Conc: 2.18 ng/ml



#35 AR-1260-5

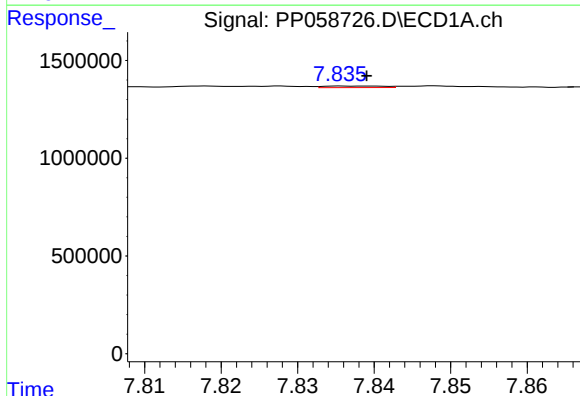
R.T.: 8.404 min
Delta R.T.: 0.017 min
Response: 272150
Conc: 2.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



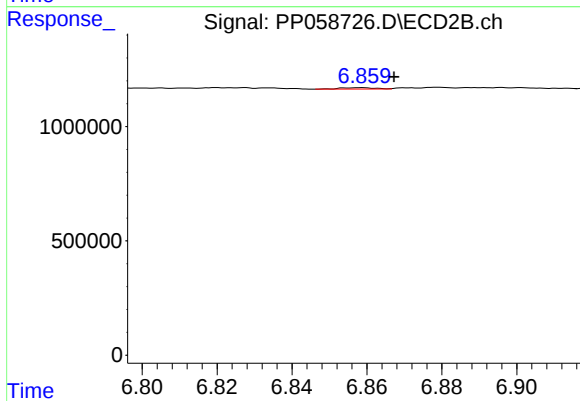
#35 AR-1260-5

R.T.: 7.335 min
Delta R.T.: 0.018 min
Response: 61939
Conc: 0.32 ng/ml



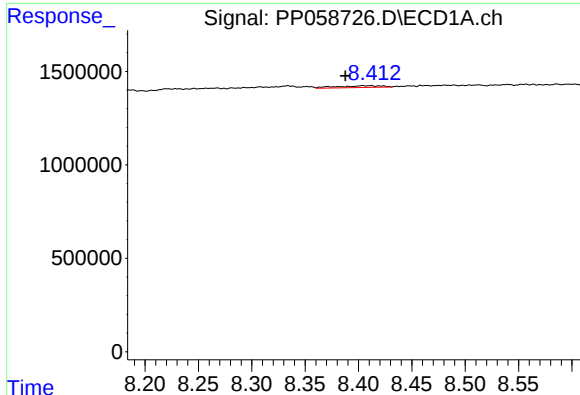
#36 AR-1262-1

R.T.: 7.838 min
Delta R.T.: -0.001 min
Response: 45098
Conc: 0.53 ng/ml



#36 AR-1262-1

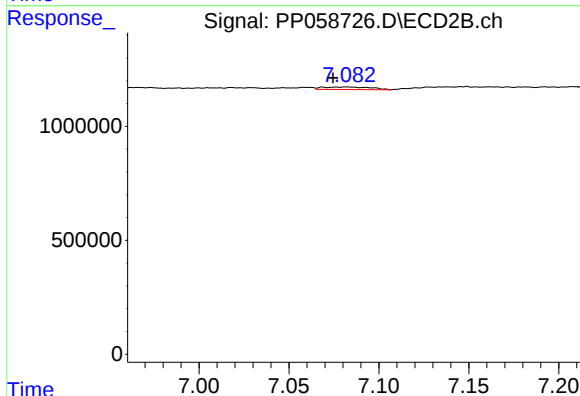
R.T.: 6.859 min
Delta R.T.: -0.009 min
Response: 40169
Conc: 0.57 ng/ml



#37 AR-1262-2

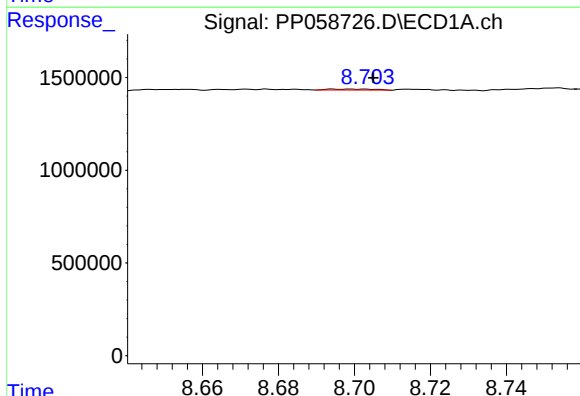
R.T.: 8.404 min
Delta R.T.: 0.016 min
Response: 272150
Conc: 1.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



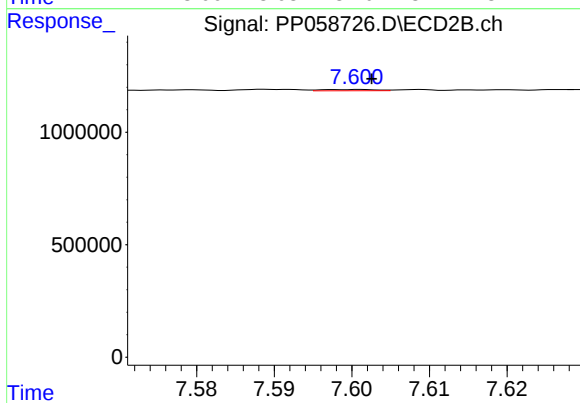
#37 AR-1262-2

R.T.: 7.083 min
Delta R.T.: 0.008 min
Response: 201303
Conc: 1.34 ng/ml



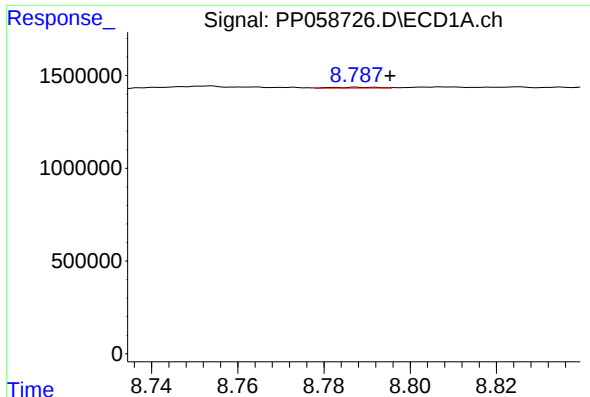
#38 AR-1262-3

R.T.: 8.695 min
Delta R.T.: -0.010 min
Response: 45579
Conc: 0.46 ng/ml



#38 AR-1262-3

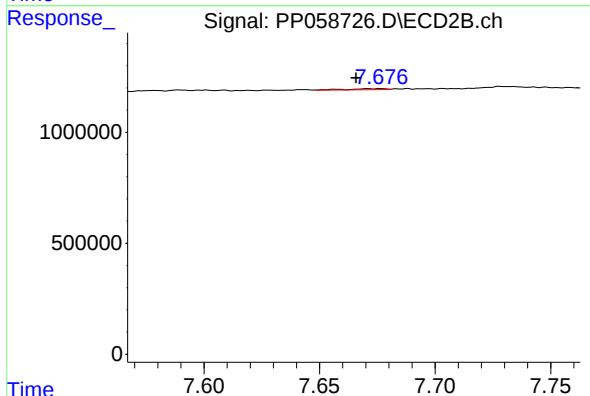
R.T.: 7.600 min
Delta R.T.: -0.002 min
Response: 28773
Conc: 0.25 ng/ml



#39 AR-1262-4

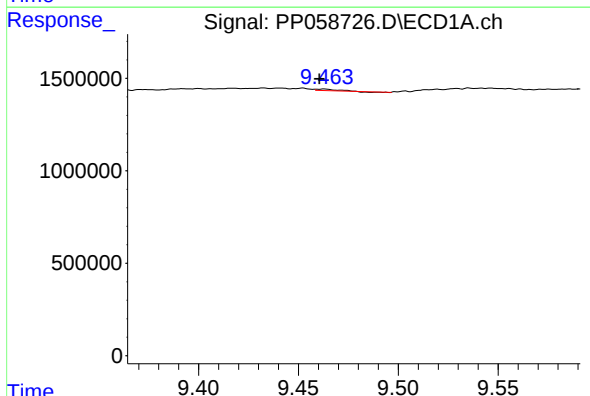
R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 34124
Conc: 0.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



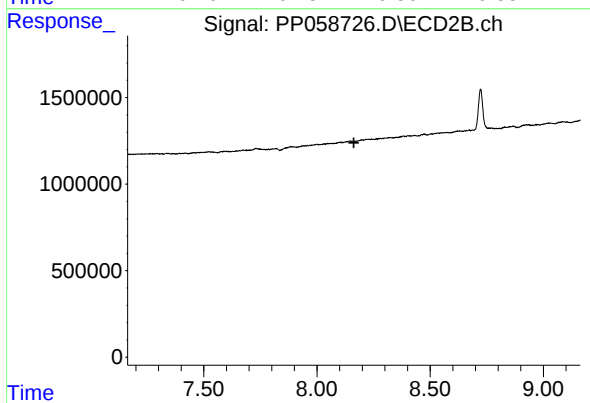
#39 AR-1262-4

R.T.: 7.676 min
Delta R.T.: 0.010 min
Response: 57153
Conc: 0.28 ng/ml



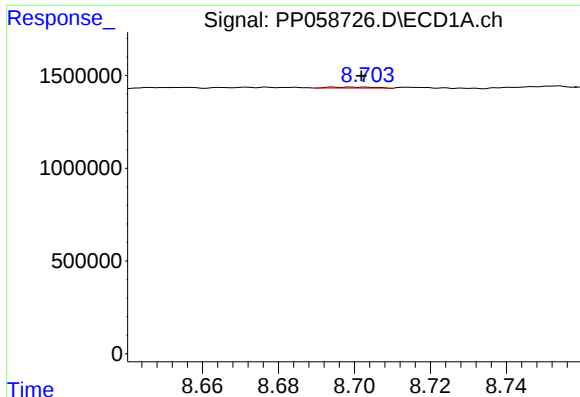
#40 AR-1262-5

R.T.: 9.463 min
Delta R.T.: 0.002 min
Response: 53224
Conc: 1.13 ng/ml



#40 AR-1262-5

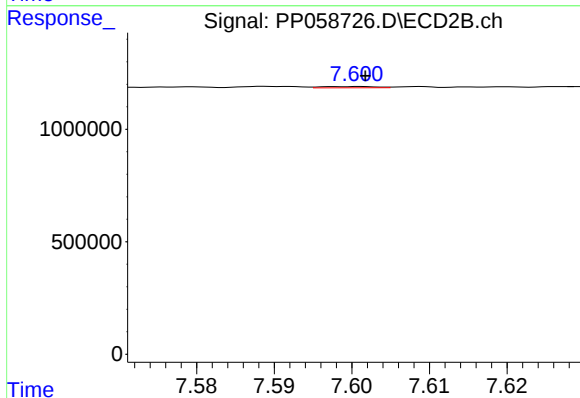
R.T.: 0.000 min
Exp R.T. : 8.163 min
Response: 0
Conc: N.D.



#41 AR-1268-1

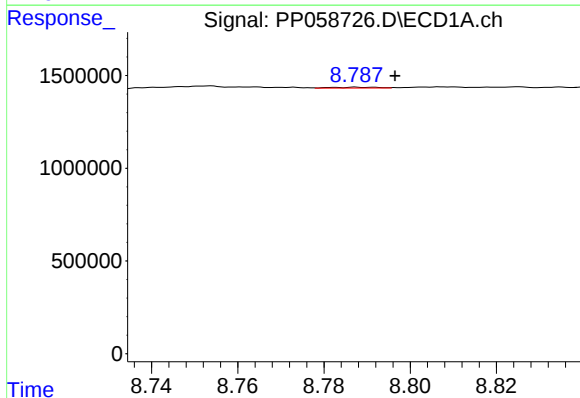
R.T.: 8.695 min
Delta R.T.: -0.006 min
Response: 45579
Conc: 0.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



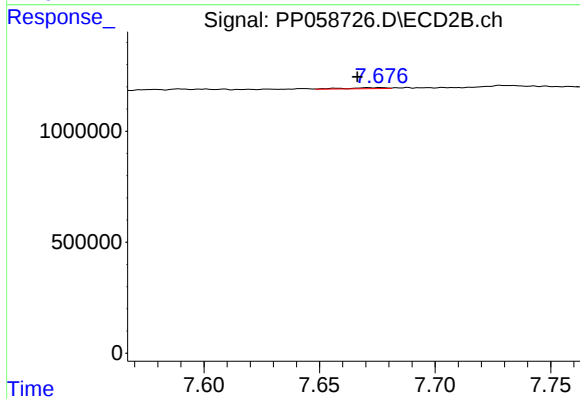
#41 AR-1268-1

R.T.: 7.600 min
Delta R.T.: -0.002 min
Response: 28773
Conc: 0.09 ng/ml



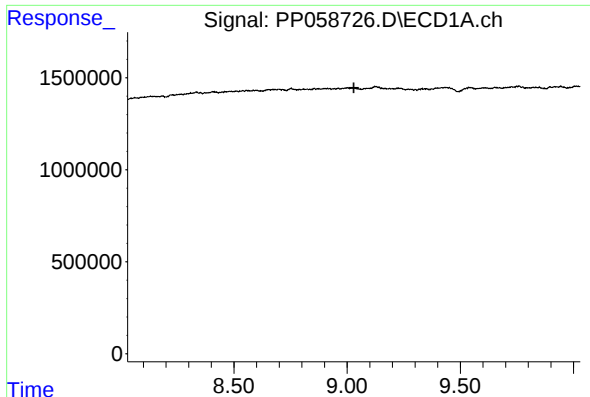
#42 AR-1268-2

R.T.: 8.788 min
Delta R.T.: -0.008 min
Response: 34124
Conc: 0.22 ng/ml



#42 AR-1268-2

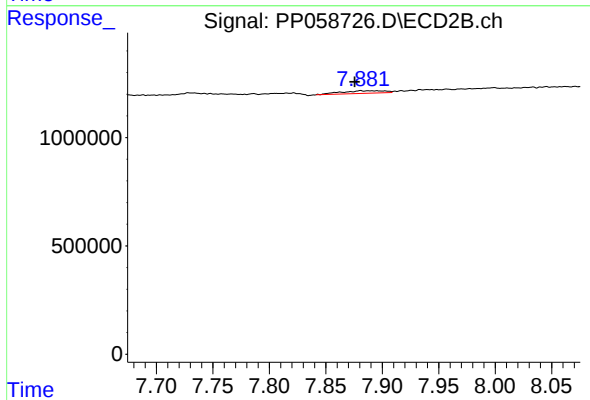
R.T.: 7.676 min
Delta R.T.: 0.010 min
Response: 57153
Conc: 0.20 ng/ml



#43 AR-1268-3

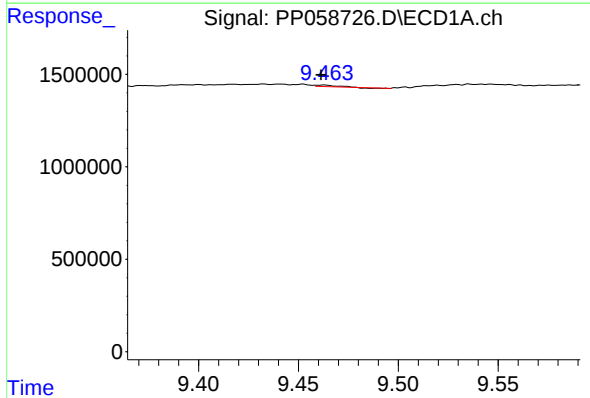
R.T.: 0.000 min
Exp R.T.: 9.030 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



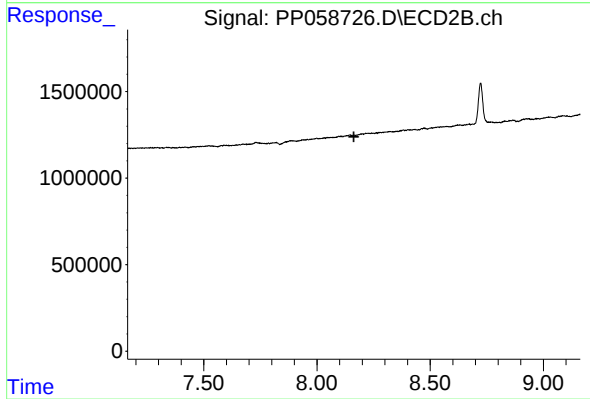
#43 AR-1268-3

R.T.: 7.881 min
Delta R.T.: 0.005 min
Response: 321307
Conc: 1.27 ng/ml



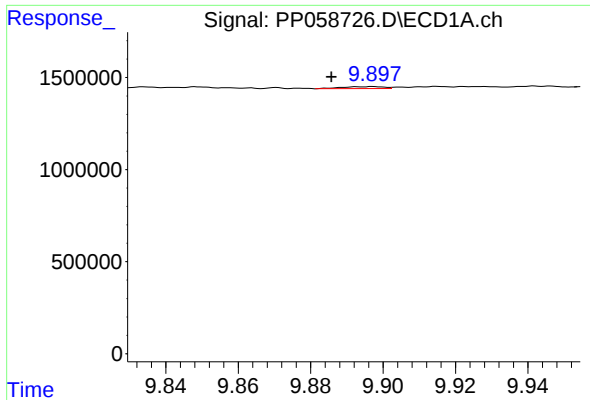
#44 AR-1268-4

R.T.: 9.463 min
Delta R.T.: 0.001 min
Response: 53224
Conc: 1.09 ng/ml



#44 AR-1268-4

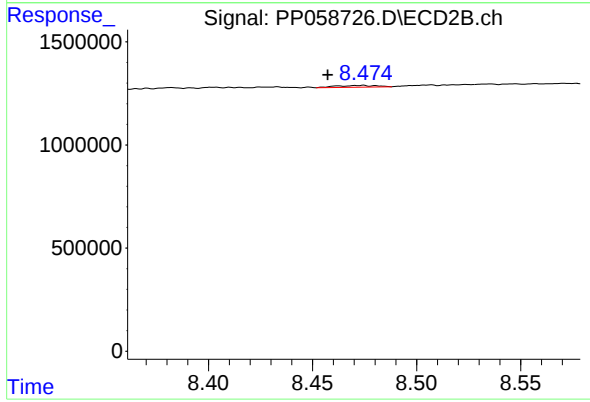
R.T.: 0.000 min
Exp R.T.: 8.163 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.897 min
Delta R.T.: 0.011 min
Response: 88829
Conc: 0.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.474 min
Delta R.T.: 0.017 min
Response: 117740
Conc: 0.16 ng/ml