

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012122\
 Data File : PQ055863.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2022 18:50
 Operator : AJ\MA
 Sample : N1222-05 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 03:44:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 20 13:18:56 2022
 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...	5.236	4.294	16230316	15618992	1.198	1.389
2) SA Decachlor...	11.420	9.664	23743787	11622912	1.626	1.457
Target Compounds						
3) L1 AR-1016-1	6.564	5.581	1044838	2814305	2.988	9.164 #
4) L1 AR-1016-2	6.589	5.581	1340357	2814305	1.972	4.518 #
5) L1 AR-1016-3	6.656	5.792	378637	630623	0.833	2.310 #
6) L1 AR-1016-4	6.756	5.829	694258	921279	1.875	3.651 #
7) L1 AR-1016-5	7.071	6.052	249904	328541	0.853	1.122 #
8) L2 AR-1221-1	5.487	4.587f	171564	1026490	1.202	9.064 #
9) L2 AR-1221-2	5.598	4.646	391389	1094178	3.568	12.501 #
10) L2 AR-1221-3	5.668	0.000	50758	0	0.156	N.D. #
11) L3 AR-1232-1	5.668	0.000	50758	0	0.189	N.D. #
12) L3 AR-1232-2	6.272	5.581	2493261	2814305	16.817	11.574 #
13) L3 AR-1232-3	6.589	5.792	1340357	630623	4.824	6.071 #
14) L3 AR-1232-4	6.768	5.852f	932190	3666620	6.303	35.323 #
15) L3 AR-1232-5	6.853	6.052	514476	328541	5.441	2.996 #
16) L4 AR-1242-1	6.564	5.581	1044838	2814305	3.872	12.159 #
17) L4 AR-1242-2	6.589	5.581	1340357	2814305	2.561	5.977 #
18) L4 AR-1242-3	6.656	5.792	378637	630623	1.047	3.037 #
19) L4 AR-1242-4	6.768	5.852f	932190	3666620	3.195	16.437 #
20) L4 AR-1242-5	7.563f	6.440	1371825	1067565	5.175	3.953
21) L5 AR-1248-1	6.564	5.581	1044838	2814305	4.990	16.281 #
22) L5 AR-1248-2	6.853	5.829	514476	921279	1.607	2.888 #
23) L5 AR-1248-3	7.071	5.852f	249904	3666620	0.661	11.200 #
24) L5 AR-1248-4	7.507	6.052	252907	328541	0.598	0.871 #
25) L5 AR-1248-5	7.563f	6.499	1371825	122023	2.979	0.332 #
26) L6 AR-1254-1	7.466	6.440	609631	1067565	1.496	1.722
27) L6 AR-1254-2	7.703	6.592	1604647	443647	2.477	0.819 #
28) L6 AR-1254-3	8.082	7.018	1230988	669814	1.574	0.777 #
29) L6 AR-1254-4	8.380	7.258	794747	430724	1.403	0.689 #
30) L6 AR-1254-5	8.809	7.687	6176143	1047455	9.785	1.381 #
31) L7 AR-1260-1	8.254	7.153	1560417	329445	3.247	0.602 #
32) L7 AR-1260-2	8.527	7.350	4503424	838728	7.645	1.264 #
33) L7 AR-1260-3	8.895	7.492f	1971152	1998770	3.942	3.247
34) L7 AR-1260-4	9.124	7.989	2072543	277137	3.558	0.549 #
35) L7 AR-1260-5	9.483	8.238	2135637	780228	1.625	0.657 #
36) L8 AR-1262-1	8.895	7.687	1971152	1047455	2.752	2.882
37) L8 AR-1262-2	9.483	8.238	2135637	780228	1.427	0.590 #
38) L8 AR-1262-3	9.802	8.522	386707	308512	0.503	0.623
39) L8 AR-1262-4	9.893	8.584	160697	489691	0.243	0.531 #
40) L8 AR-1262-5	10.620	9.103	274746	266716	0.402	0.669 #
41) L9 AR-1268-1	9.802	8.522	386707	308512	0.205	0.210

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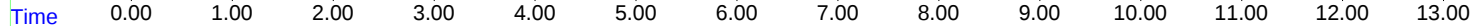
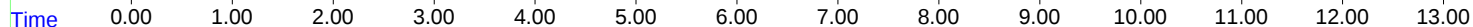
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

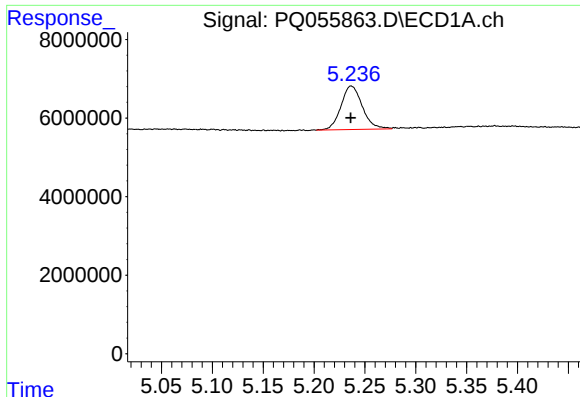
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.893	8.584	160697	489691	0.080	0.370 #
43) L9	AR-1268-3	10.144	8.793	133386	1111172	0.078	1.006 #
44) L9	AR-1268-4	10.620	9.103	274746	266716	0.369	0.607 #
45) L9	AR-1268-5	11.063	9.388	1045352	299729	0.190	0.091 #

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

Instrument :
ECD_Q
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

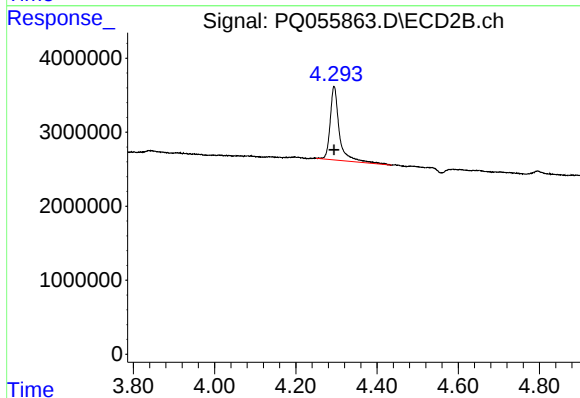




#1 Tetrachloro-m-xylene

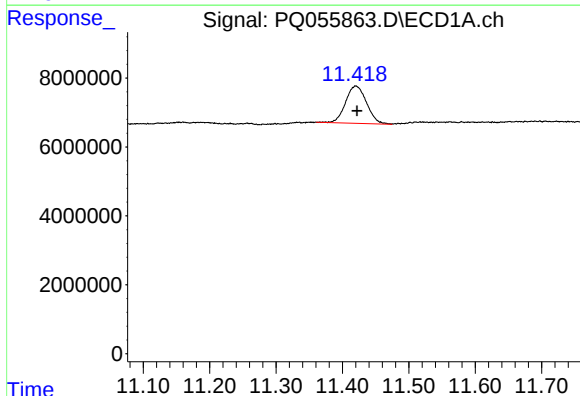
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 16230316
Conc: 1.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



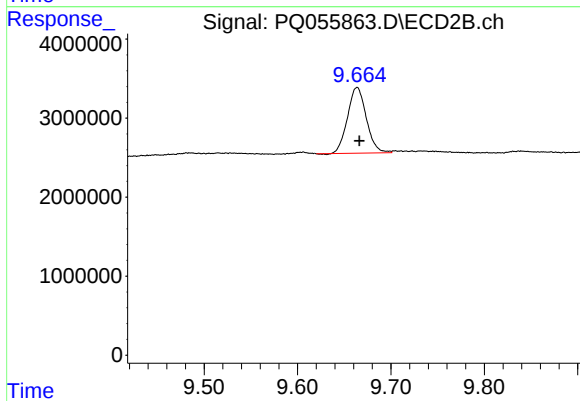
#1 Tetrachloro-m-xylene

R.T.: 4.294 min
Delta R.T.: 0.000 min
Response: 15618992
Conc: 1.39 ng/ml



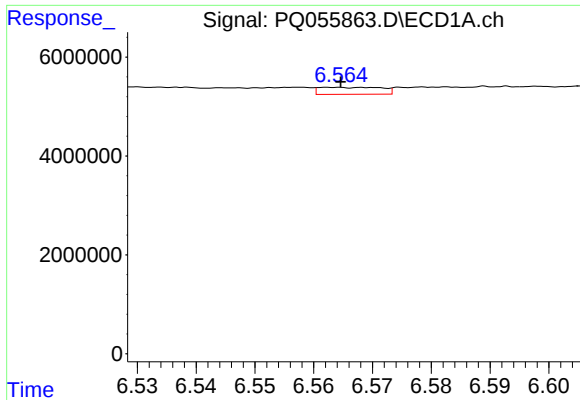
#2 Decachlorobiphenyl

R.T.: 11.420 min
Delta R.T.: -0.002 min
Response: 23743787
Conc: 1.63 ng/ml



#2 Decachlorobiphenyl

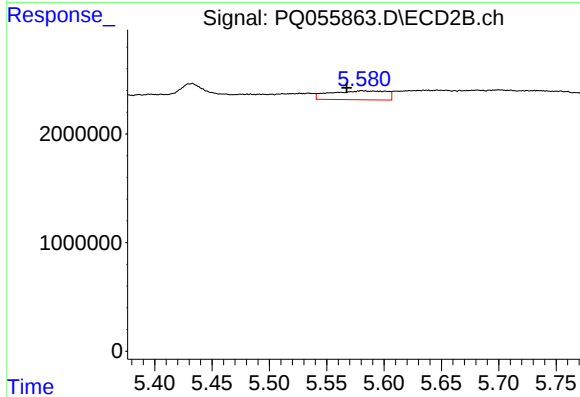
R.T.: 9.664 min
Delta R.T.: -0.002 min
Response: 11622912
Conc: 1.46 ng/ml



#3 AR-1016-1

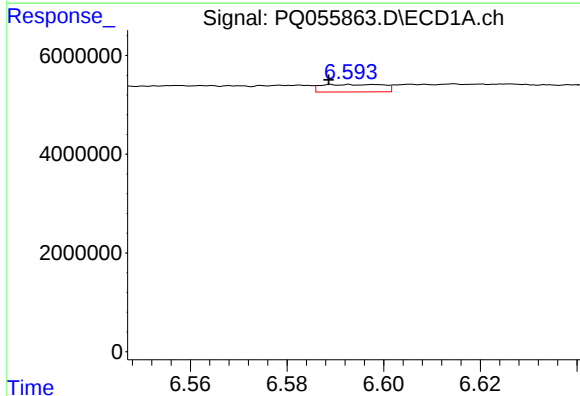
R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 1044838
Conc: 2.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



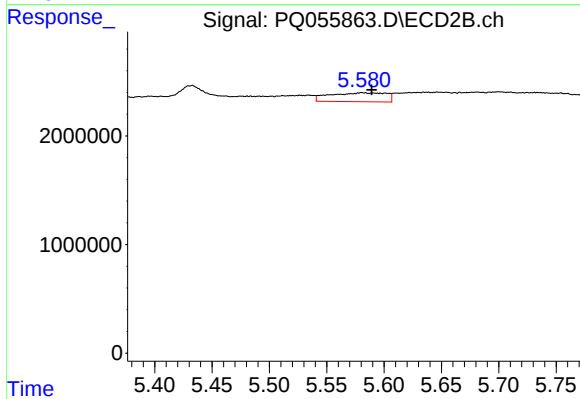
#3 AR-1016-1

R.T.: 5.581 min
Delta R.T.: 0.013 min
Response: 2814305
Conc: 9.16 ng/ml



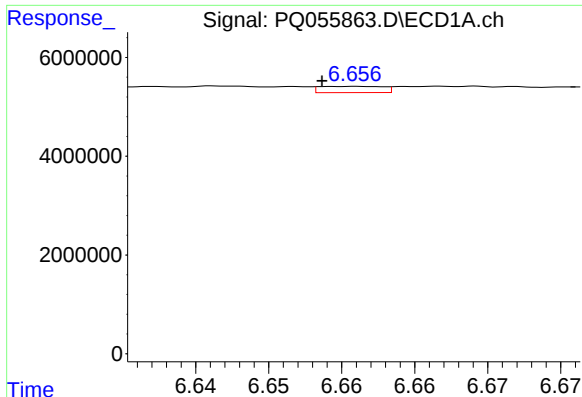
#4 AR-1016-2

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 1340357
Conc: 1.97 ng/ml



#4 AR-1016-2

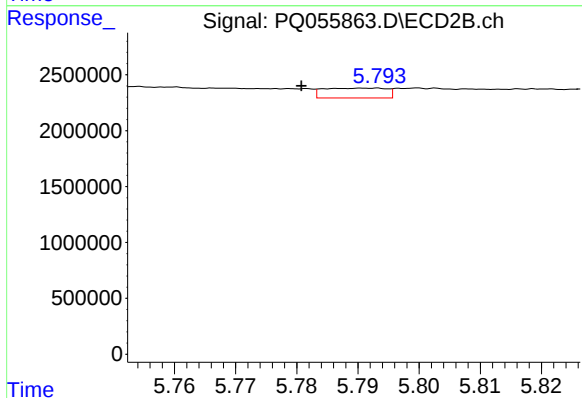
R.T.: 5.581 min
Delta R.T.: -0.009 min
Response: 2814305
Conc: 4.52 ng/ml



#5 AR-1016-3

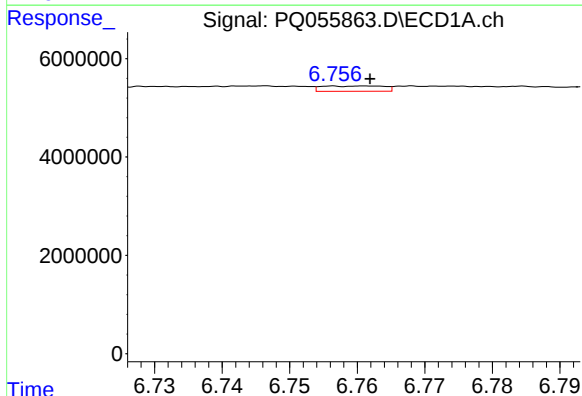
R.T.: 6.656 min
Delta R.T.: 0.002 min
Response: 378637
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



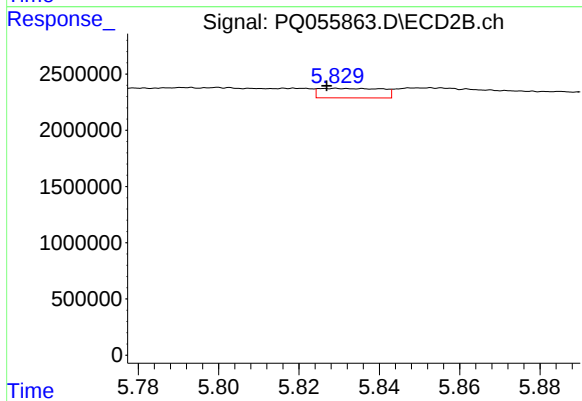
#5 AR-1016-3

R.T.: 5.792 min
Delta R.T.: 0.011 min
Response: 630623
Conc: 2.31 ng/ml



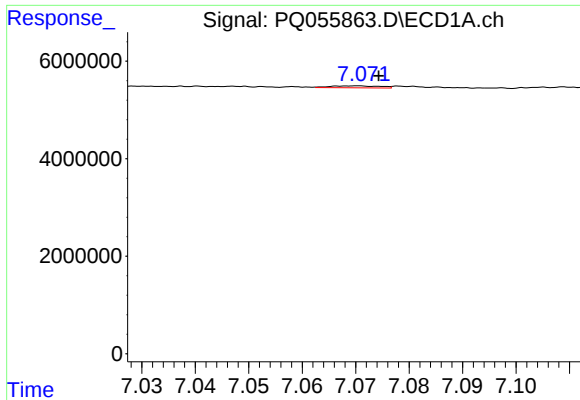
#6 AR-1016-4

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 694258
Conc: 1.87 ng/ml



#6 AR-1016-4

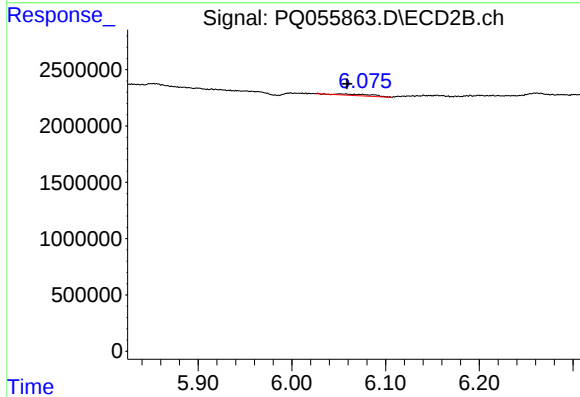
R.T.: 5.829 min
Delta R.T.: 0.002 min
Response: 921279
Conc: 3.65 ng/ml



#7 AR-1016-5

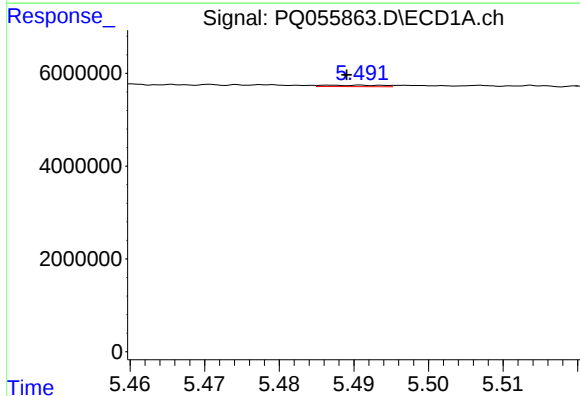
R.T.: 7.071 min
Delta R.T.: -0.004 min
Response: 249904
Conc: 0.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



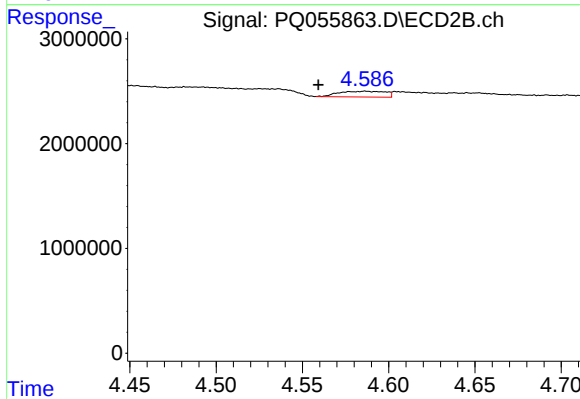
#7 AR-1016-5

R.T.: 6.052 min
Delta R.T.: -0.007 min
Response: 328541
Conc: 1.12 ng/ml



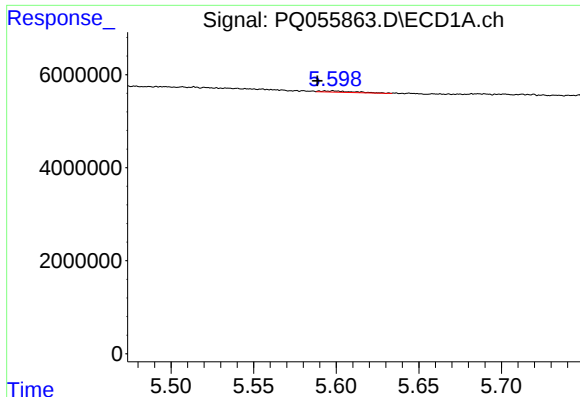
#8 AR-1221-1

R.T.: 5.487 min
Delta R.T.: -0.002 min
Response: 171564
Conc: 1.20 ng/ml



#8 AR-1221-1

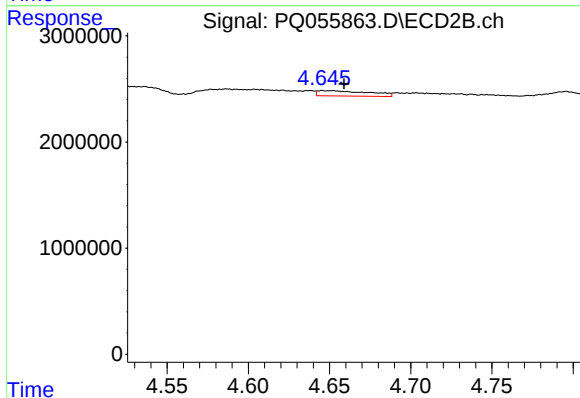
R.T.: 4.587 min
Delta R.T.: 0.027 min
Response: 1026490
Conc: 9.06 ng/ml



#9 AR-1221-2

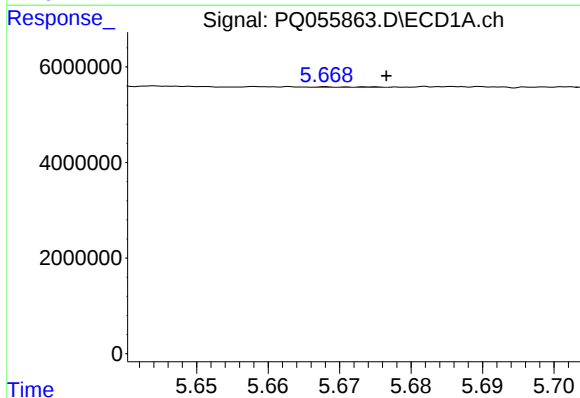
R.T.: 5.598 min
Delta R.T.: 0.010 min
Response: 391389
Conc: 3.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



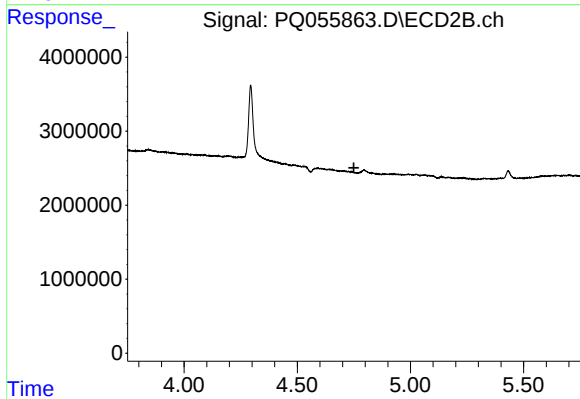
#9 AR-1221-2

R.T.: 4.646 min
Delta R.T.: -0.013 min
Response: 1094178
Conc: 12.50 ng/ml



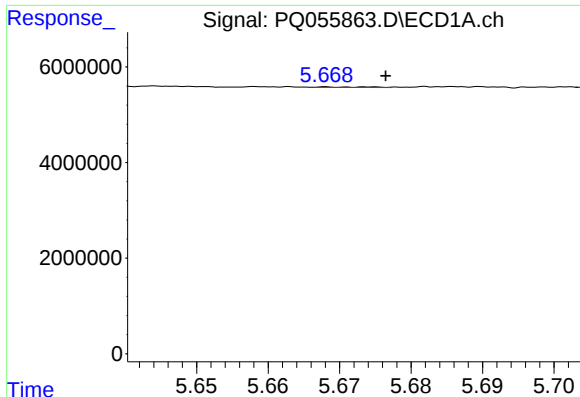
#10 AR-1221-3

R.T.: 5.668 min
Delta R.T.: -0.008 min
Response: 50758
Conc: 0.16 ng/ml



#10 AR-1221-3

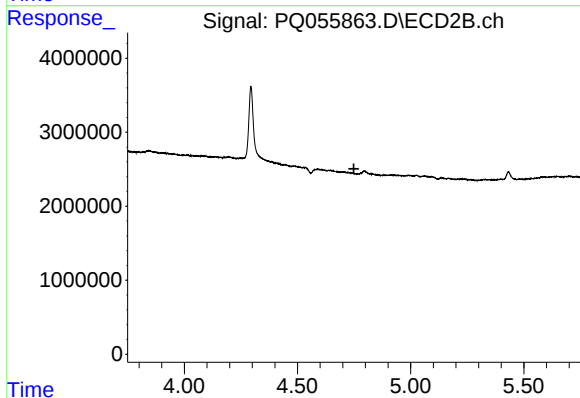
R.T.: 0.000 min
Exp R.T.: 4.750 min
Response: 0
Conc: N.D.



#11 AR-1232-1

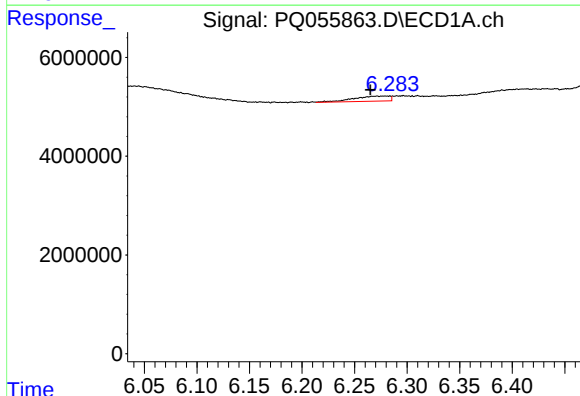
R.T.: 5.668 min
Delta R.T.: -0.008 min
Response: 50758
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



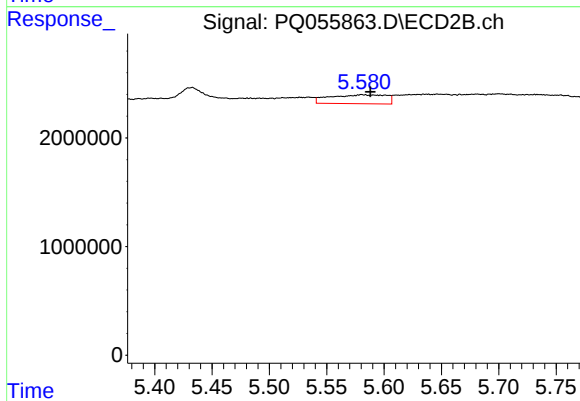
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.749 min
Response: 0
Conc: N.D.



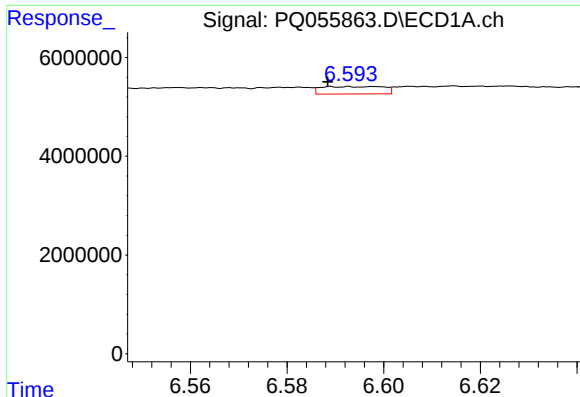
#12 AR-1232-2

R.T.: 6.272 min
Delta R.T.: 0.006 min
Response: 2493261
Conc: 16.82 ng/ml



#12 AR-1232-2

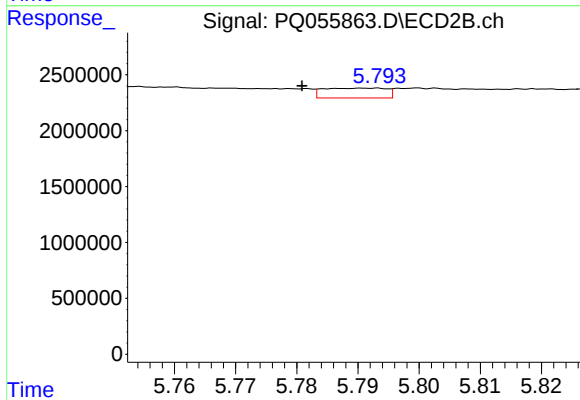
R.T.: 5.581 min
Delta R.T.: -0.008 min
Response: 2814305
Conc: 11.57 ng/ml



#13 AR-1232-3

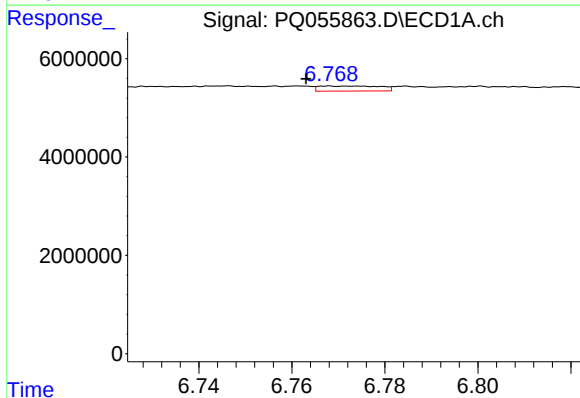
R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 1340357
Conc: 4.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



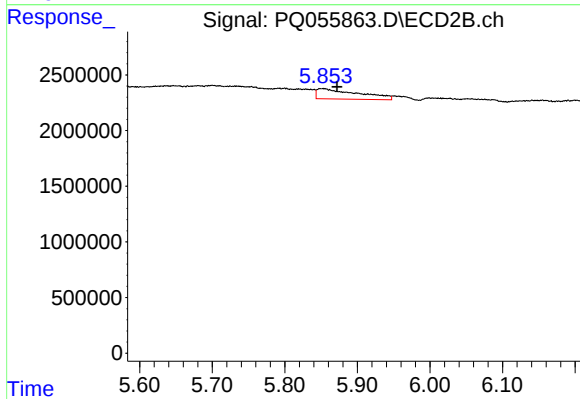
#13 AR-1232-3

R.T.: 5.792 min
Delta R.T.: 0.011 min
Response: 630623
Conc: 6.07 ng/ml



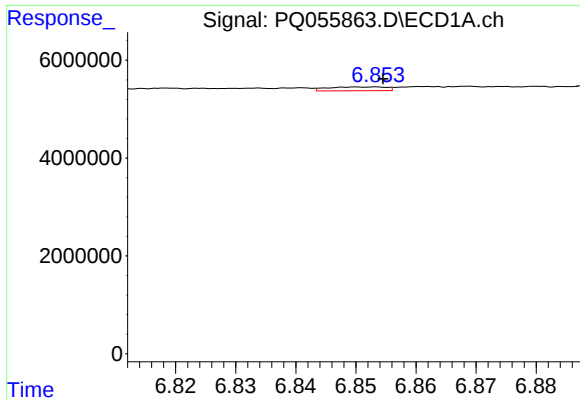
#14 AR-1232-4

R.T.: 6.768 min
Delta R.T.: 0.005 min
Response: 932190
Conc: 6.30 ng/ml



#14 AR-1232-4

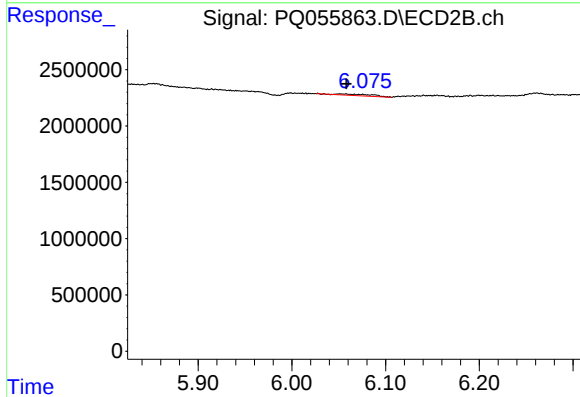
R.T.: 5.852 min
Delta R.T.: -0.020 min
Response: 3666620
Conc: 35.32 ng/ml



#15 AR-1232-5

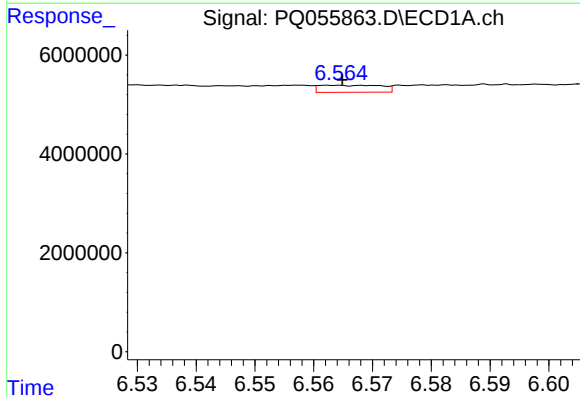
R.T.: 6.853 min
Delta R.T.: -0.001 min
Response: 514476
Conc: 5.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



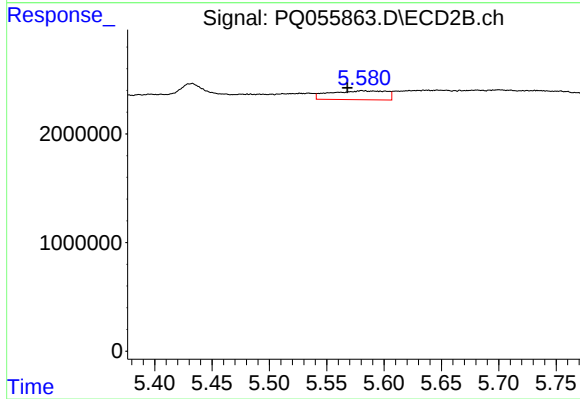
#15 AR-1232-5

R.T.: 6.052 min
Delta R.T.: -0.007 min
Response: 328541
Conc: 3.00 ng/ml



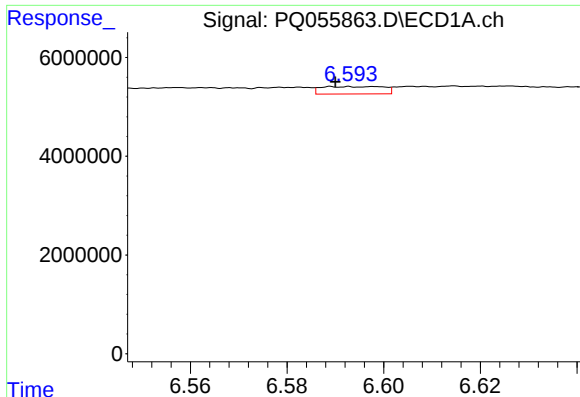
#16 AR-1242-1

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 1044838
Conc: 3.87 ng/ml



#16 AR-1242-1

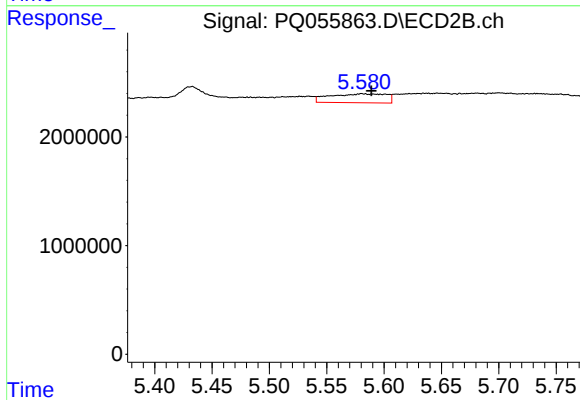
R.T.: 5.581 min
Delta R.T.: 0.013 min
Response: 2814305
Conc: 12.16 ng/ml



#17 AR-1242-2

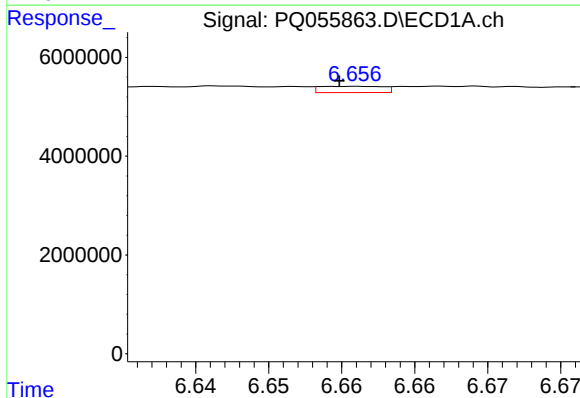
R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 1340357
Conc: 2.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



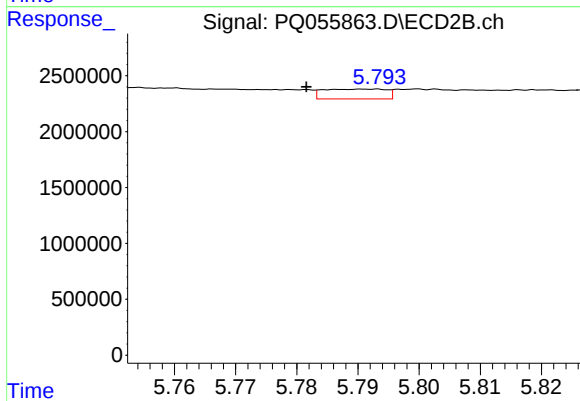
#17 AR-1242-2

R.T.: 5.581 min
Delta R.T.: -0.008 min
Response: 2814305
Conc: 5.98 ng/ml



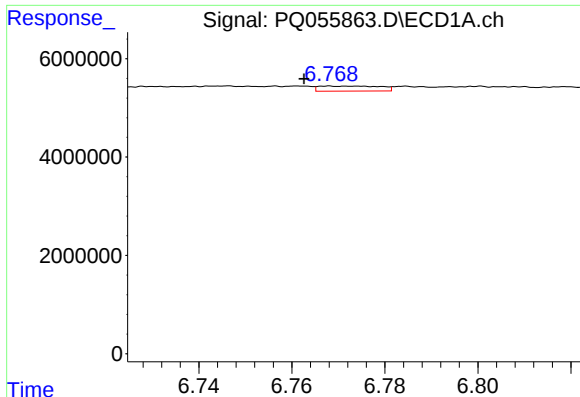
#18 AR-1242-3

R.T.: 6.656 min
Delta R.T.: 0.001 min
Response: 378637
Conc: 1.05 ng/ml



#18 AR-1242-3

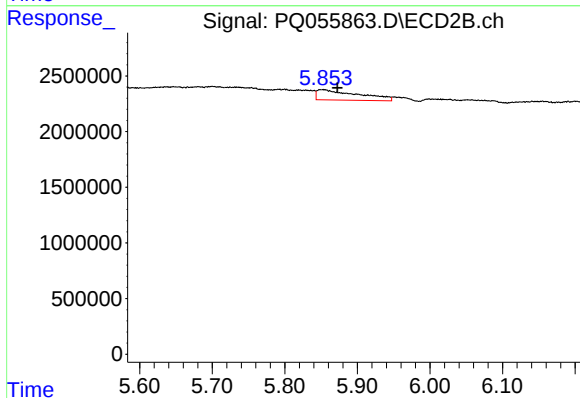
R.T.: 5.792 min
Delta R.T.: 0.010 min
Response: 630623
Conc: 3.04 ng/ml



#19 AR-1242-4

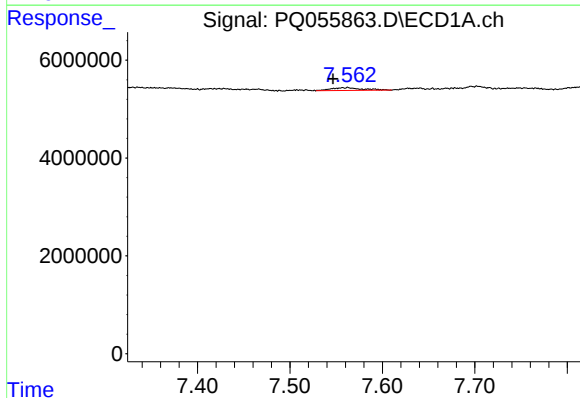
R.T.: 6.768 min
Delta R.T.: 0.005 min
Response: 932190
Conc: 3.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



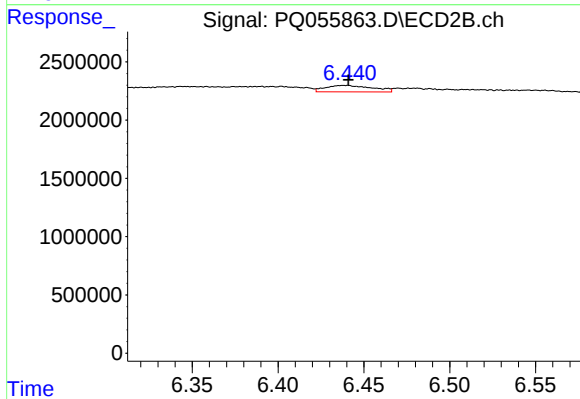
#19 AR-1242-4

R.T.: 5.852 min
Delta R.T.: -0.020 min
Response: 3666620
Conc: 16.44 ng/ml



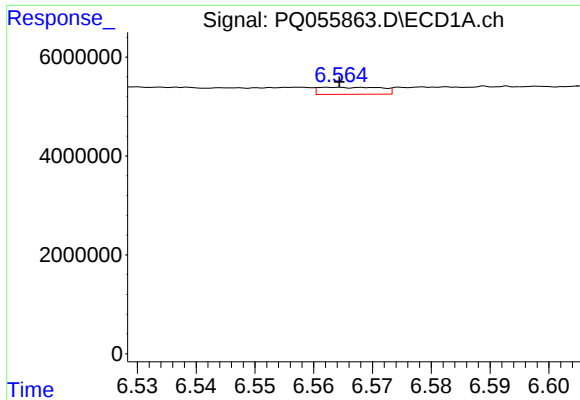
#20 AR-1242-5

R.T.: 7.563 min
Delta R.T.: 0.016 min
Response: 1371825
Conc: 5.17 ng/ml



#20 AR-1242-5

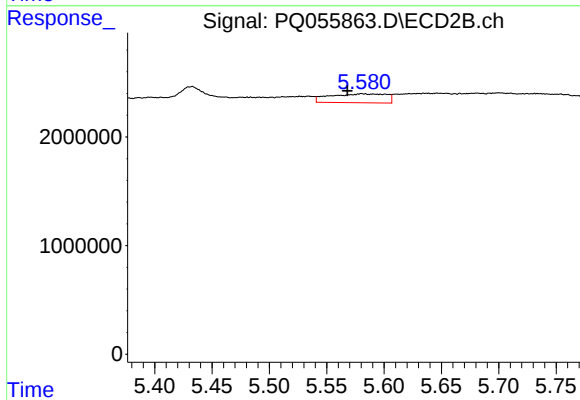
R.T.: 6.440 min
Delta R.T.: -0.001 min
Response: 1067565
Conc: 3.95 ng/ml



#21 AR-1248-1

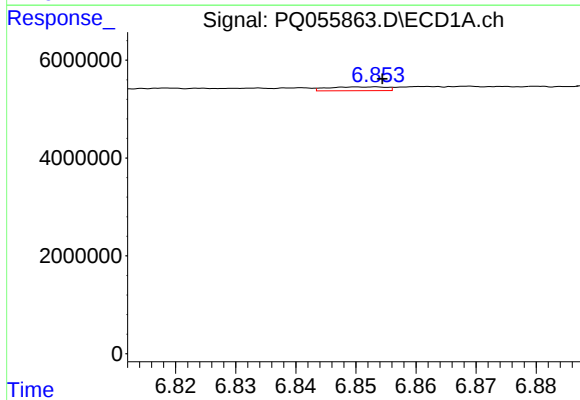
R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 1044838
Conc: 4.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



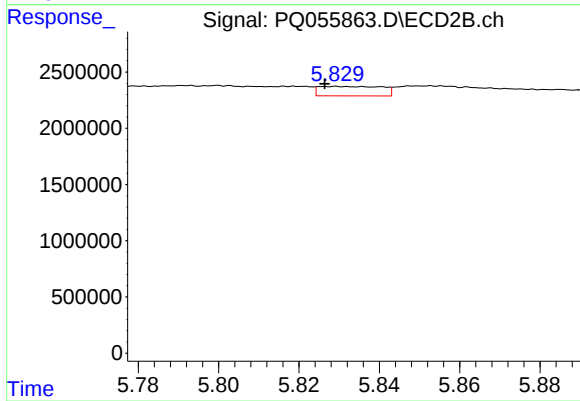
#21 AR-1248-1

R.T.: 5.581 min
Delta R.T.: 0.013 min
Response: 2814305
Conc: 16.28 ng/ml



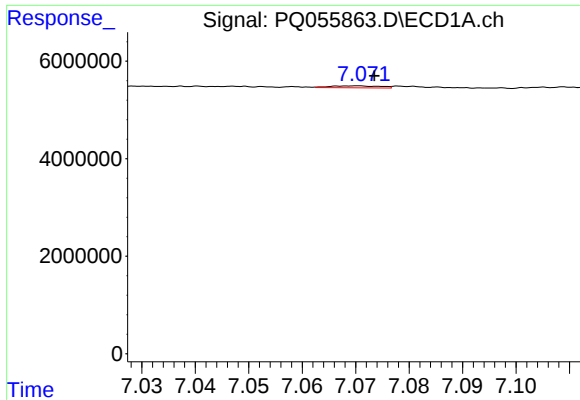
#22 AR-1248-2

R.T.: 6.853 min
Delta R.T.: -0.001 min
Response: 514476
Conc: 1.61 ng/ml



#22 AR-1248-2

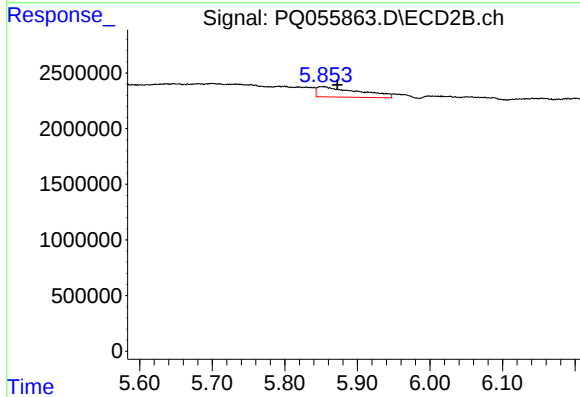
R.T.: 5.829 min
Delta R.T.: 0.003 min
Response: 921279
Conc: 2.89 ng/ml



#23 AR-1248-3

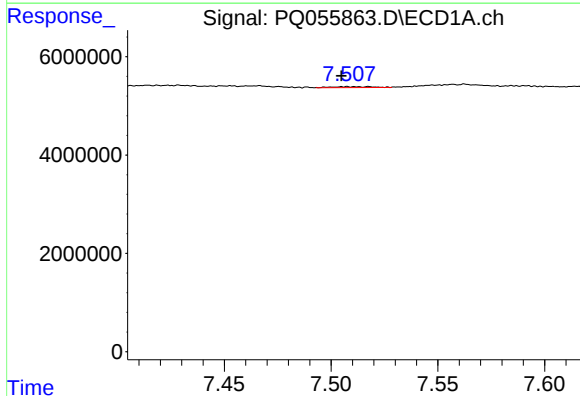
R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 249904
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



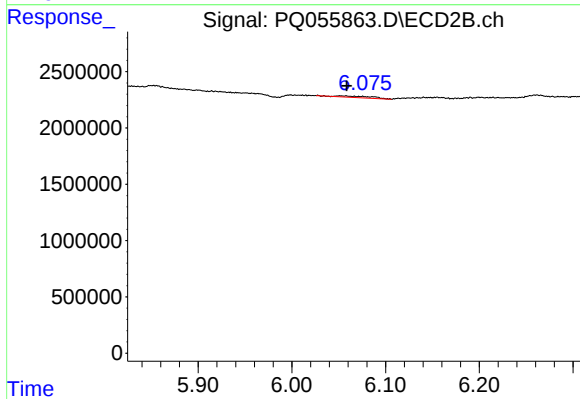
#23 AR-1248-3

R.T.: 5.852 min
Delta R.T.: -0.020 min
Response: 3666620
Conc: 11.20 ng/ml



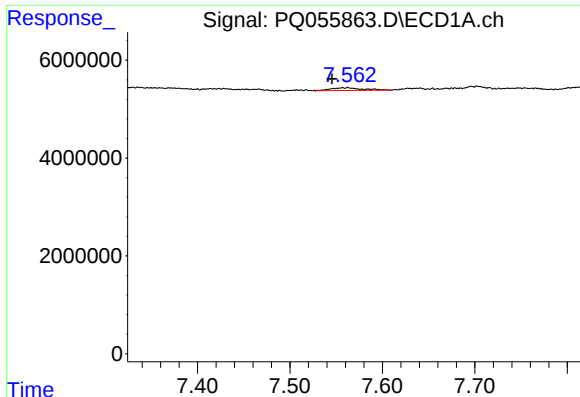
#24 AR-1248-4

R.T.: 7.507 min
Delta R.T.: 0.003 min
Response: 252907
Conc: 0.60 ng/ml



#24 AR-1248-4

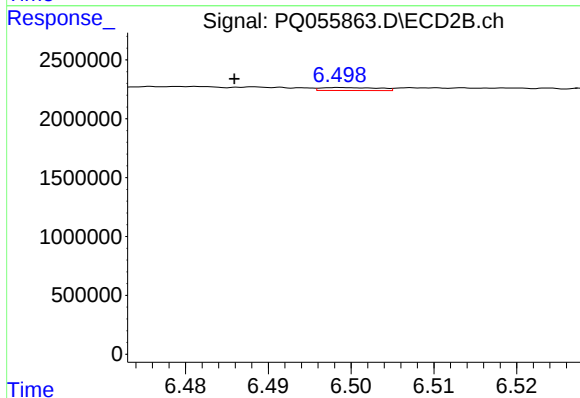
R.T.: 6.052 min
Delta R.T.: -0.007 min
Response: 328541
Conc: 0.87 ng/ml



#25 AR-1248-5

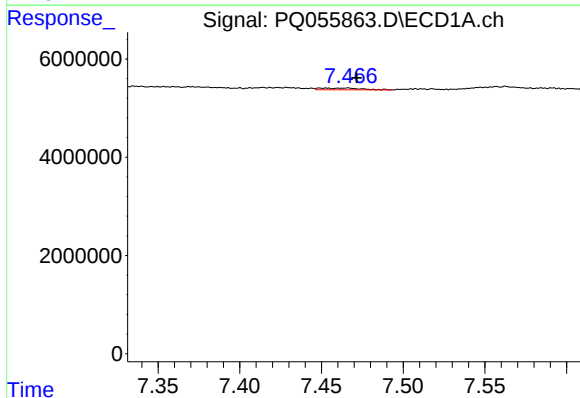
R.T.: 7.563 min
Delta R.T.: 0.017 min
Response: 1371825
Conc: 2.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



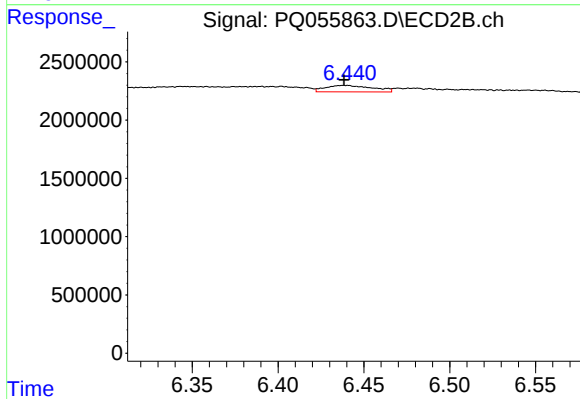
#25 AR-1248-5

R.T.: 6.499 min
Delta R.T.: 0.013 min
Response: 122023
Conc: 0.33 ng/ml



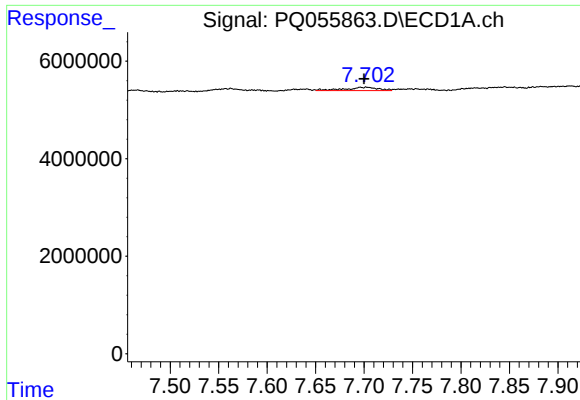
#26 AR-1254-1

R.T.: 7.466 min
Delta R.T.: -0.005 min
Response: 609631
Conc: 1.50 ng/ml



#26 AR-1254-1

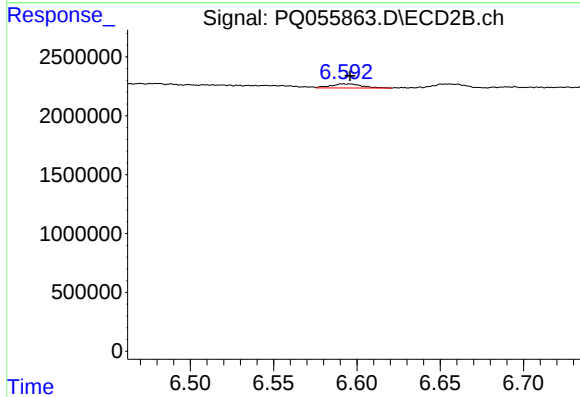
R.T.: 6.440 min
Delta R.T.: 0.001 min
Response: 1067565
Conc: 1.72 ng/ml



#27 AR-1254-2

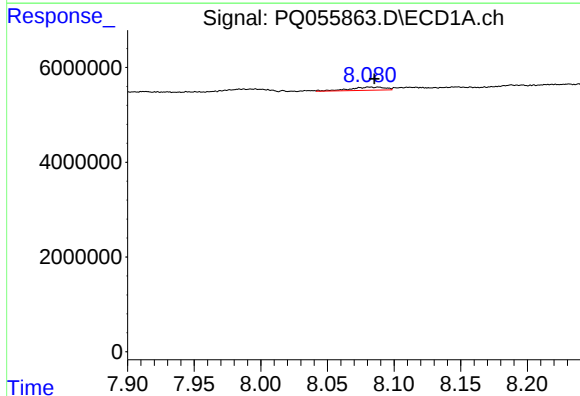
R.T.: 7.703 min
Delta R.T.: 0.003 min
Response: 1604647
Conc: 2.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



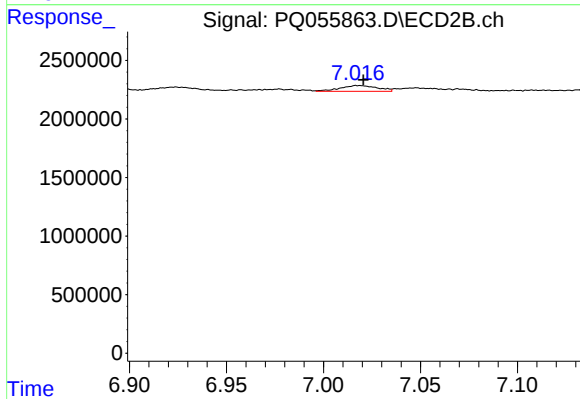
#27 AR-1254-2

R.T.: 6.592 min
Delta R.T.: -0.004 min
Response: 443647
Conc: 0.82 ng/ml



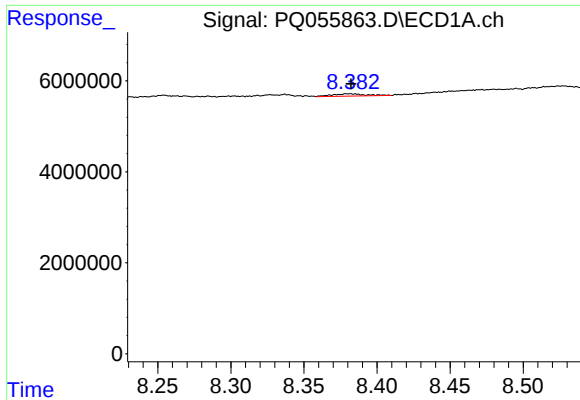
#28 AR-1254-3

R.T.: 8.082 min
Delta R.T.: -0.004 min
Response: 1230988
Conc: 1.57 ng/ml



#28 AR-1254-3

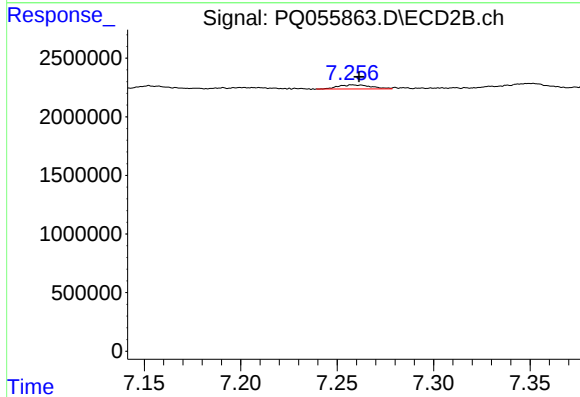
R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 669814
Conc: 0.78 ng/ml



#29 AR-1254-4

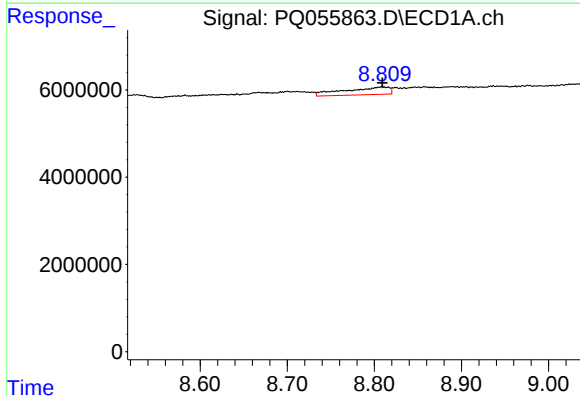
R.T.: 8.380 min
Delta R.T.: -0.002 min
Response: 794747
Conc: 1.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



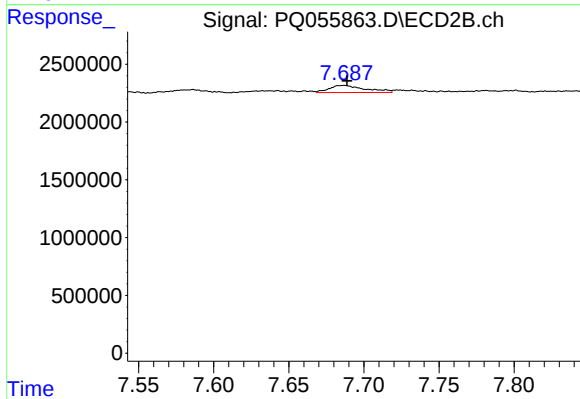
#29 AR-1254-4

R.T.: 7.258 min
Delta R.T.: -0.003 min
Response: 430724
Conc: 0.69 ng/ml



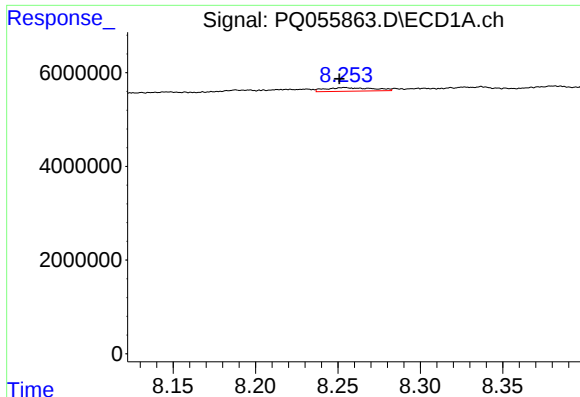
#30 AR-1254-5

R.T.: 8.809 min
Delta R.T.: 0.000 min
Response: 6176143
Conc: 9.78 ng/ml



#30 AR-1254-5

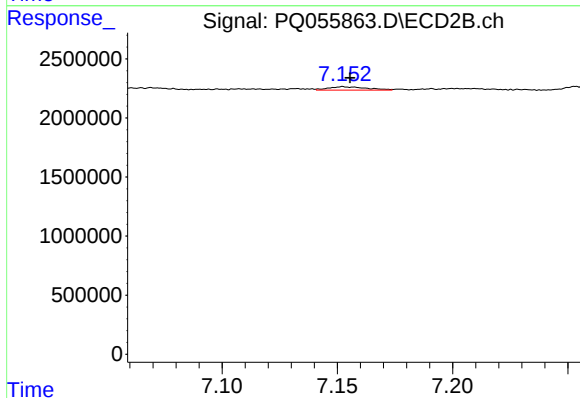
R.T.: 7.687 min
Delta R.T.: -0.002 min
Response: 1047455
Conc: 1.38 ng/ml



#31 AR-1260-1

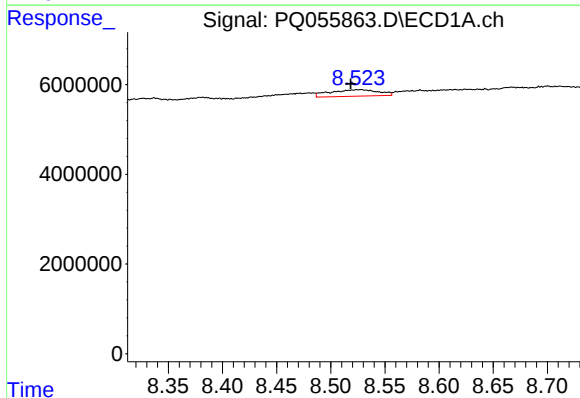
R.T.: 8.254 min
Delta R.T.: 0.003 min
Response: 1560417
Conc: 3.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



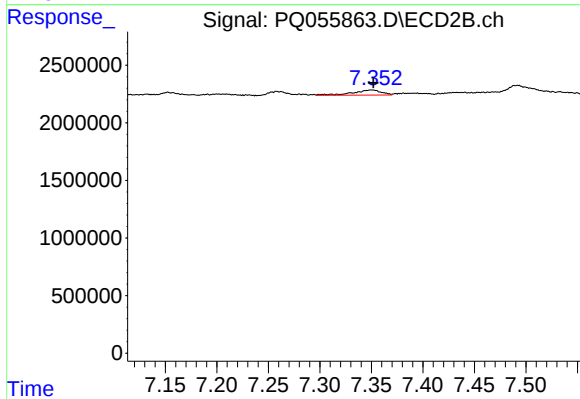
#31 AR-1260-1

R.T.: 7.153 min
Delta R.T.: -0.003 min
Response: 329445
Conc: 0.60 ng/ml



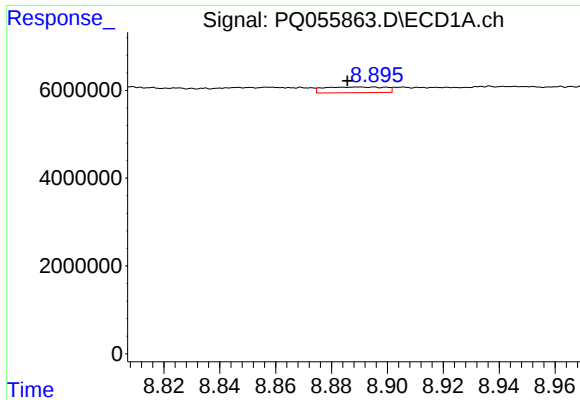
#32 AR-1260-2

R.T.: 8.527 min
Delta R.T.: 0.009 min
Response: 4503424
Conc: 7.64 ng/ml



#32 AR-1260-2

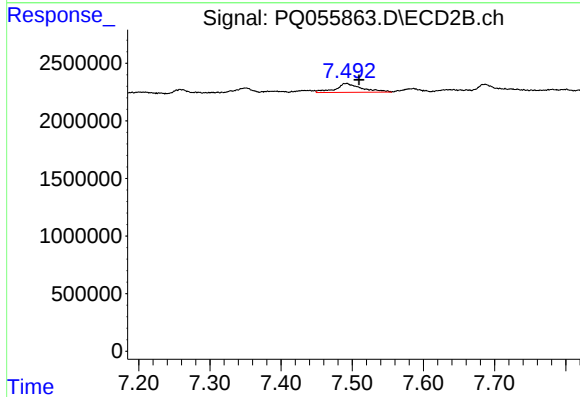
R.T.: 7.350 min
Delta R.T.: -0.002 min
Response: 838728
Conc: 1.26 ng/ml



#33 AR-1260-3

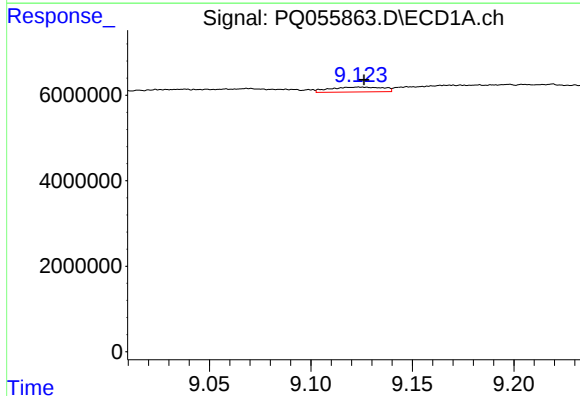
R.T.: 8.895 min
Delta R.T.: 0.009 min
Response: 1971152
Conc: 3.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



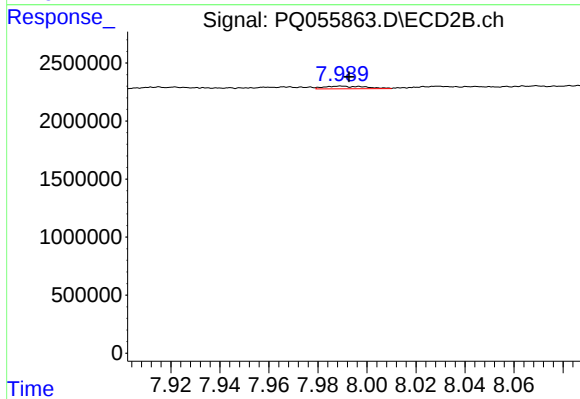
#33 AR-1260-3

R.T.: 7.492 min
Delta R.T.: -0.018 min
Response: 1998770
Conc: 3.25 ng/ml



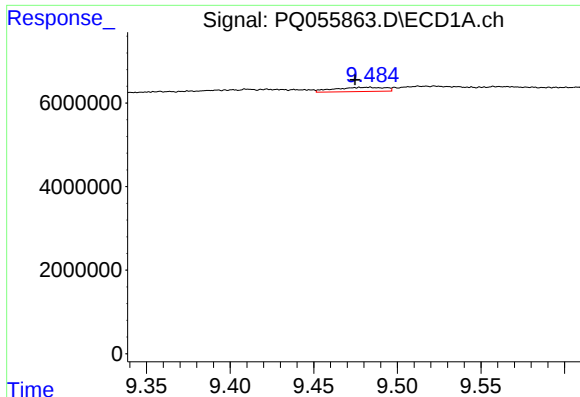
#34 AR-1260-4

R.T.: 9.124 min
Delta R.T.: -0.002 min
Response: 2072543
Conc: 3.56 ng/ml



#34 AR-1260-4

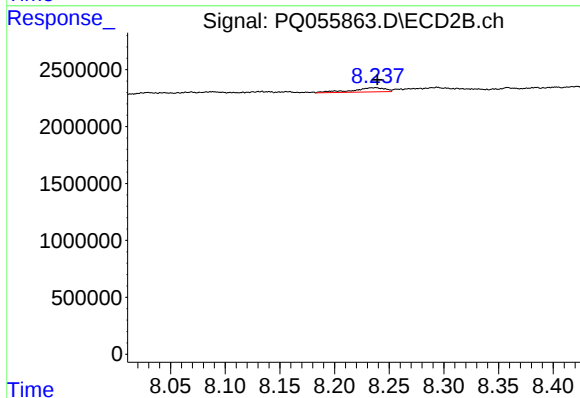
R.T.: 7.989 min
Delta R.T.: -0.003 min
Response: 277137
Conc: 0.55 ng/ml



#35 AR-1260-5

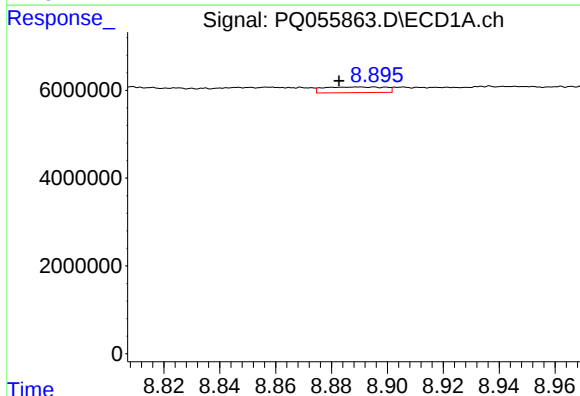
R.T.: 9.483 min
Delta R.T.: 0.008 min
Response: 2135637
Conc: 1.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



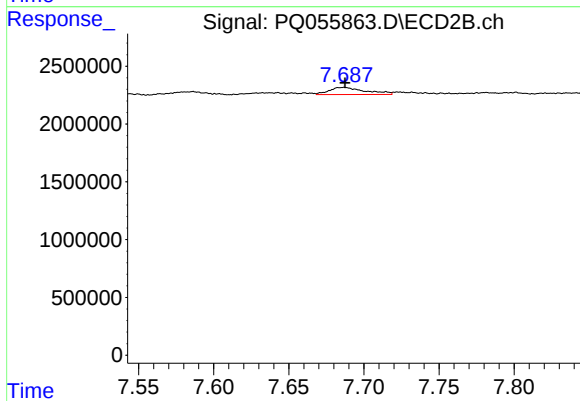
#35 AR-1260-5

R.T.: 8.238 min
Delta R.T.: -0.002 min
Response: 780228
Conc: 0.66 ng/ml



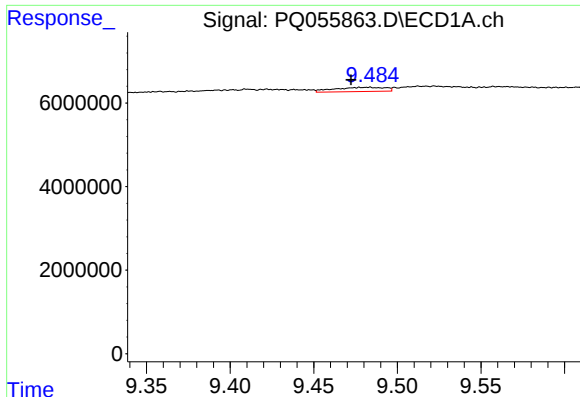
#36 AR-1262-1

R.T.: 8.895 min
Delta R.T.: 0.012 min
Response: 1971152
Conc: 2.75 ng/ml



#36 AR-1262-1

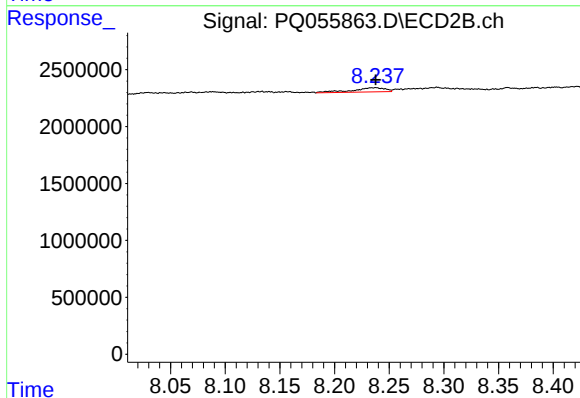
R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 1047455
Conc: 2.88 ng/ml



#37 AR-1262-2

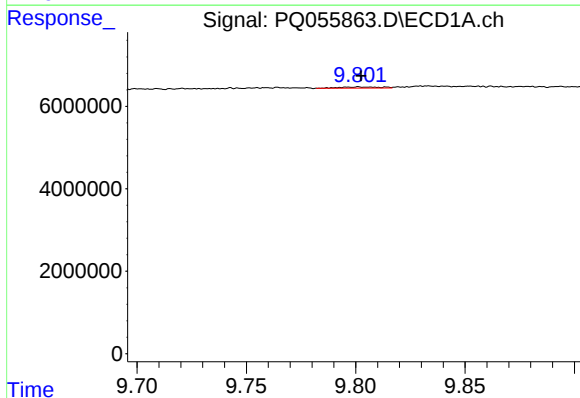
R.T.: 9.483 min
Delta R.T.: 0.011 min
Response: 2135637
Conc: 1.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



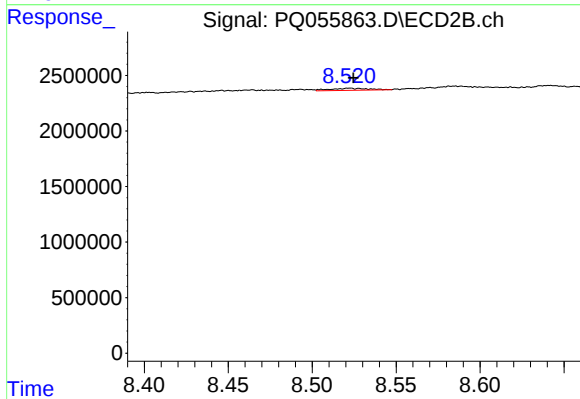
#37 AR-1262-2

R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 780228
Conc: 0.59 ng/ml



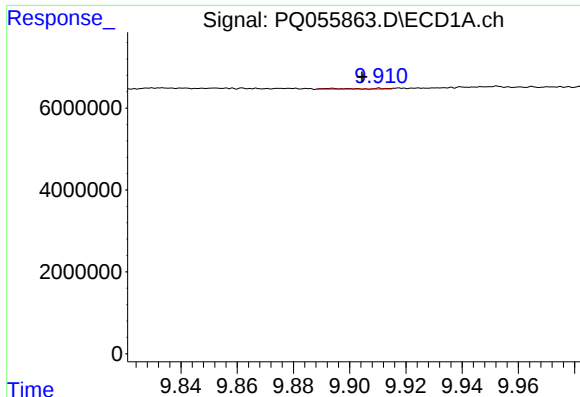
#38 AR-1262-3

R.T.: 9.802 min
Delta R.T.: -0.001 min
Response: 386707
Conc: 0.50 ng/ml



#38 AR-1262-3

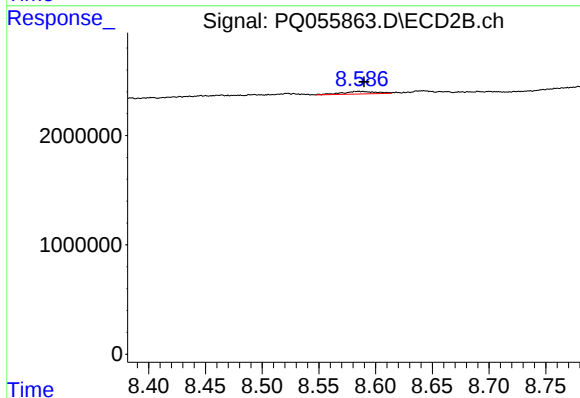
R.T.: 8.522 min
Delta R.T.: -0.002 min
Response: 308512
Conc: 0.62 ng/ml



#39 AR-1262-4

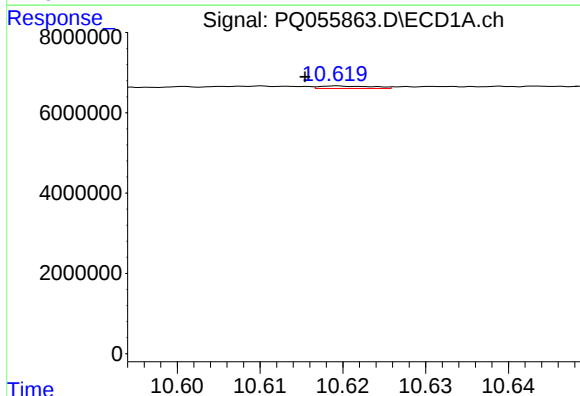
R.T.: 9.893 min
Delta R.T.: -0.011 min
Response: 160697
Conc: 0.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



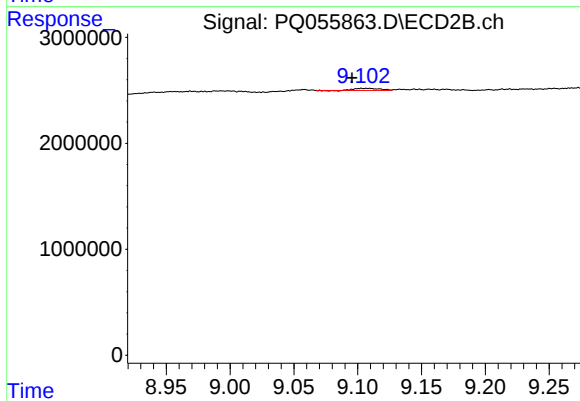
#39 AR-1262-4

R.T.: 8.584 min
Delta R.T.: -0.006 min
Response: 489691
Conc: 0.53 ng/ml



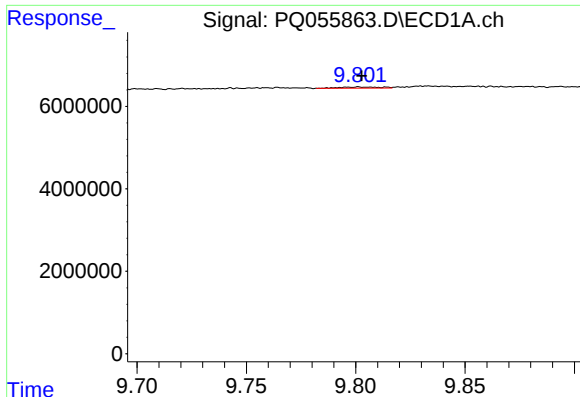
#40 AR-1262-5

R.T.: 10.620 min
Delta R.T.: 0.004 min
Response: 274746
Conc: 0.40 ng/ml



#40 AR-1262-5

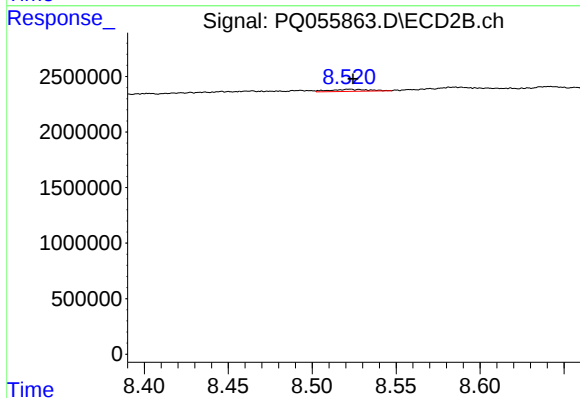
R.T.: 9.103 min
Delta R.T.: 0.008 min
Response: 266716
Conc: 0.67 ng/ml



#41 AR-1268-1

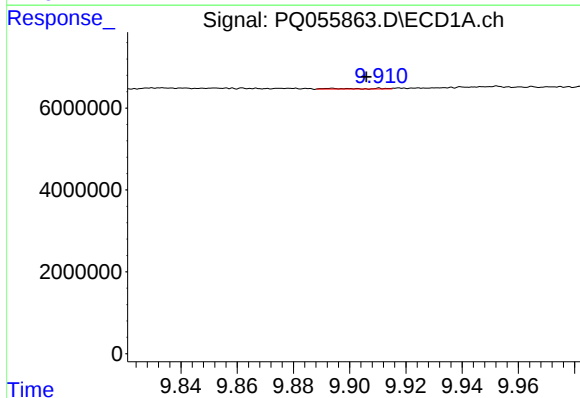
R.T.: 9.802 min
Delta R.T.: -0.001 min
Response: 386707
Conc: 0.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



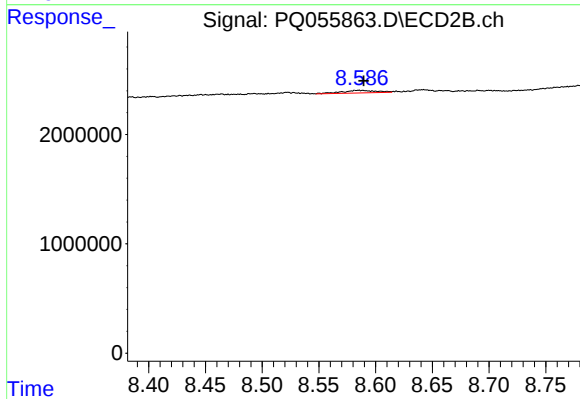
#41 AR-1268-1

R.T.: 8.522 min
Delta R.T.: -0.002 min
Response: 308512
Conc: 0.21 ng/ml



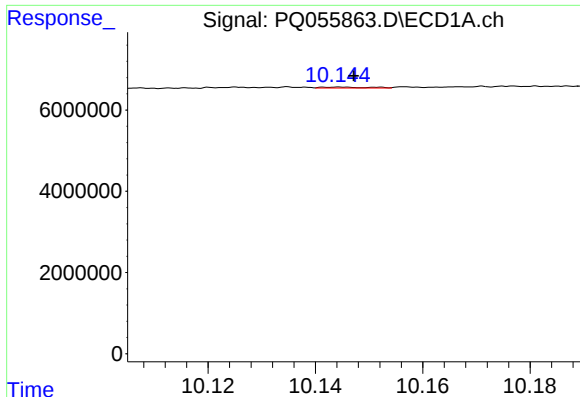
#42 AR-1268-2

R.T.: 9.893 min
Delta R.T.: -0.012 min
Response: 160697
Conc: 0.08 ng/ml



#42 AR-1268-2

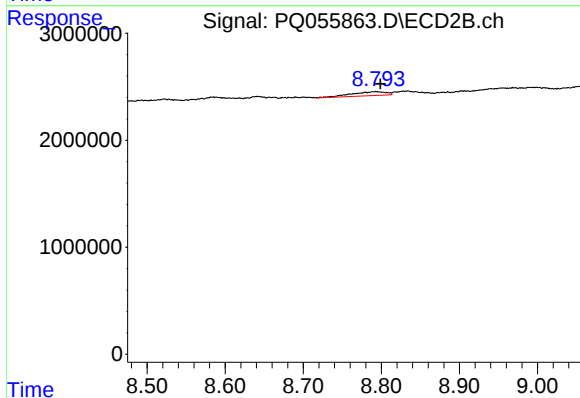
R.T.: 8.584 min
Delta R.T.: -0.006 min
Response: 489691
Conc: 0.37 ng/ml



#43 AR-1268-3

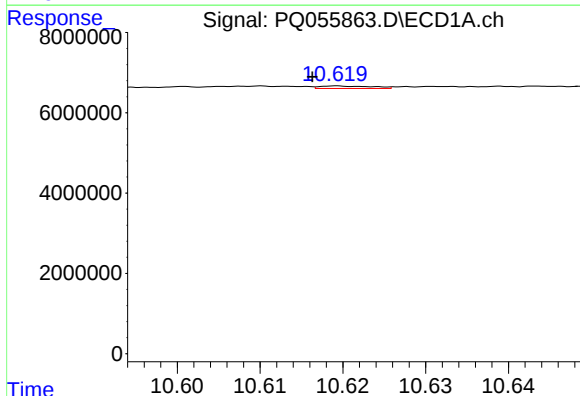
R.T.: 10.144 min
Delta R.T.: -0.003 min
Response: 133386
Conc: 0.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



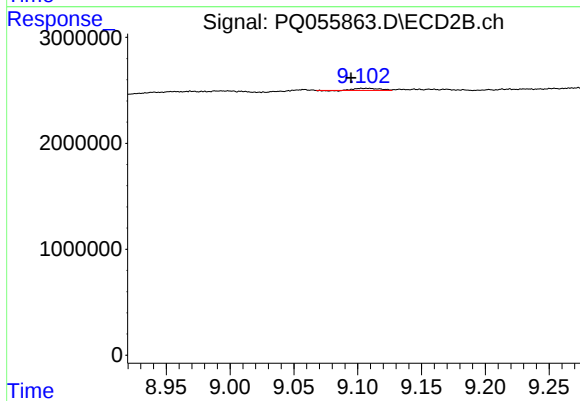
#43 AR-1268-3

R.T.: 8.793 min
Delta R.T.: -0.005 min
Response: 1111172
Conc: 1.01 ng/ml



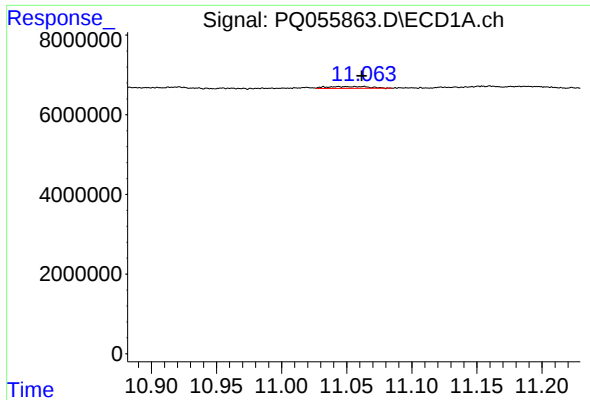
#44 AR-1268-4

R.T.: 10.620 min
Delta R.T.: 0.003 min
Response: 274746
Conc: 0.37 ng/ml



#44 AR-1268-4

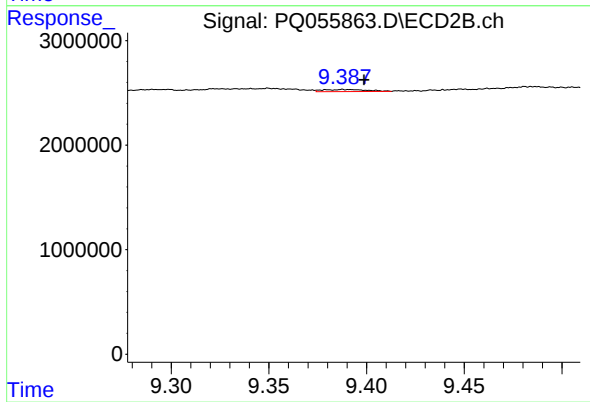
R.T.: 9.103 min
Delta R.T.: 0.009 min
Response: 266716
Conc: 0.61 ng/ml



#45 AR-1268-5

R.T.: 11.063 min
Delta R.T.: 0.002 min
Response: 1045352
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.388 min
Delta R.T.: -0.011 min
Response: 299729
Conc: 0.09 ng/ml