

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ120221\
 Data File : PQ055265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2021 08:44
 Operator : AJ\MA
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 14:06:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
 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...	0.000	4.316	0	109833	N.D.	0.011 #
2) SA Decachlor...	0.000	9.733	0	535716	N.D.	0.060 #
Target Compounds						
3) L1 AR-1016-1	0.000	5.598	0	55791	N.D.	0.156 #
4) L1 AR-1016-2	0.000	5.620	0	269906	N.D.	0.524 #
5) L1 AR-1016-3	0.000	5.809	0	62896	N.D.	0.235 #
6) L1 AR-1016-4	0.000	5.860	0	28056	N.D.	0.129 #
7) L1 AR-1016-5	0.000	6.088	0	22203	N.D.	0.081 #
8) L2 AR-1221-1	0.000	4.582	0	128398	N.D.	1.190 #
9) L2 AR-1221-2	0.000	4.690	0	212171	N.D.	2.738 #
10) L2 AR-1221-3	0.000	4.771	0	53372	N.D.	0.207 #
11) L3 AR-1232-1	0.000	4.771	0	53372	N.D.	0.246 #
12) L3 AR-1232-2	0.000	5.620	0	269906	N.D.	1.281 #
13) L3 AR-1232-3	0.000	5.809	0	62896	N.D.	0.573 #
14) L3 AR-1232-4	0.000	5.912	0	116223	N.D.	1.197 #
15) L3 AR-1232-5	0.000	6.088	0	22203	N.D.	0.215 #
16) L4 AR-1242-1	0.000	5.598	0	55791	N.D.	0.209 #
17) L4 AR-1242-2	0.000	5.620	0	269906	N.D.	0.697 #
18) L4 AR-1242-3	0.000	5.814	0	30393	N.D.	0.151 #
19) L4 AR-1242-4	0.000	5.912	0	116223	N.D.	0.594 #
20) L4 AR-1242-5	0.000	6.504f	0	3504014	N.D.	13.897 #
21) L5 AR-1248-1	0.000	5.598	0	55791	N.D.	0.279 #
22) L5 AR-1248-2	0.000	5.860	0	28056	N.D.	0.100 #
23) L5 AR-1248-3	0.000	5.912	0	116223	N.D.	0.397 #
24) L5 AR-1248-4	0.000	6.088	0	22203	N.D.	0.064 #
25) L5 AR-1248-5	0.000	6.528	0	318427	N.D.	0.915 #
26) L6 AR-1254-1	0.000	6.504f	0	3504014	N.D.	6.335 #
27) L6 AR-1254-2	0.000	6.634	0	825767	N.D.	1.745 #
28) L6 AR-1254-3	0.000	7.085f	0	1772280	N.D.	2.257 #
29) L6 AR-1254-4	0.000	7.306	0	308387	N.D.	0.646 #
30) L6 AR-1254-5	0.000	7.711f	0	152551	N.D.	0.228 #
31) L7 AR-1260-1	0.000	7.180f	0	592636	N.D.	1.182 #
32) L7 AR-1260-2	8.552f	7.386	4380256	601260	5.278	0.994 #
33) L7 AR-1260-3	0.000	7.542	0	1096006	N.D.	1.919 #
34) L7 AR-1260-4	0.000	8.062f	0	2057828	N.D.	4.343 #
35) L7 AR-1260-5	0.000	8.289	0	1657516	N.D.	1.435 #
36) L8 AR-1262-1	0.000	7.711f	0	152551	N.D.	0.449 #
37) L8 AR-1262-2	0.000	8.289	0	1657516	N.D.	1.345 #
38) L8 AR-1262-3	0.000	8.587	0	2534247	N.D.	5.483 #
39) L8 AR-1262-4	0.000	8.633	0	362189	N.D.	0.406 #
40) L8 AR-1262-5	10.649	9.148	4016672	1983226	5.938	4.939
41) L9 AR-1268-1	0.000	8.587	0	2534247	N.D.	1.791 #

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	8.633	0	362189	N.D.	0.278 #
43) L9	AR-1268-3	0.000	8.855	0	533358	N.D.	0.488 #
44) L9	AR-1268-4	10.649	9.148	4016672	1983226	5.299	4.390
45) L9	AR-1268-5	0.000	9.431f	0	422327	N.D.	0.119 #

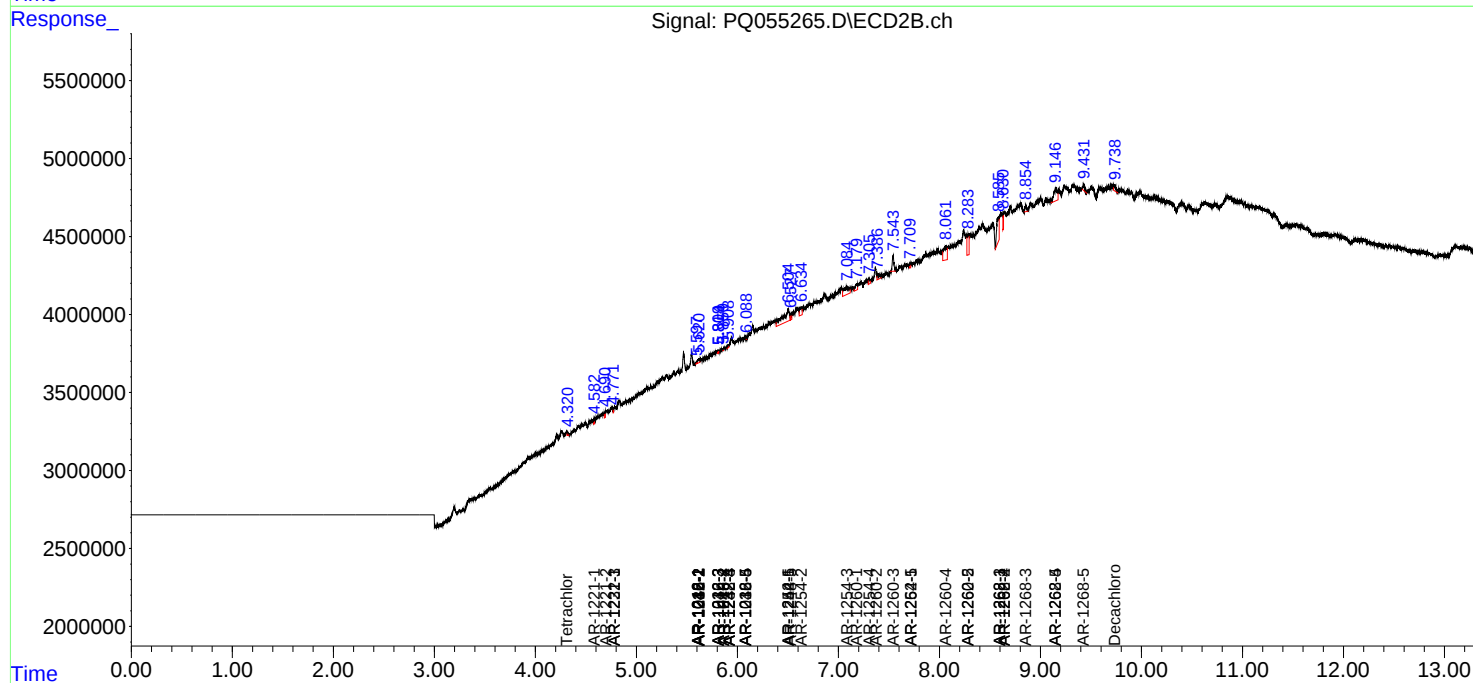
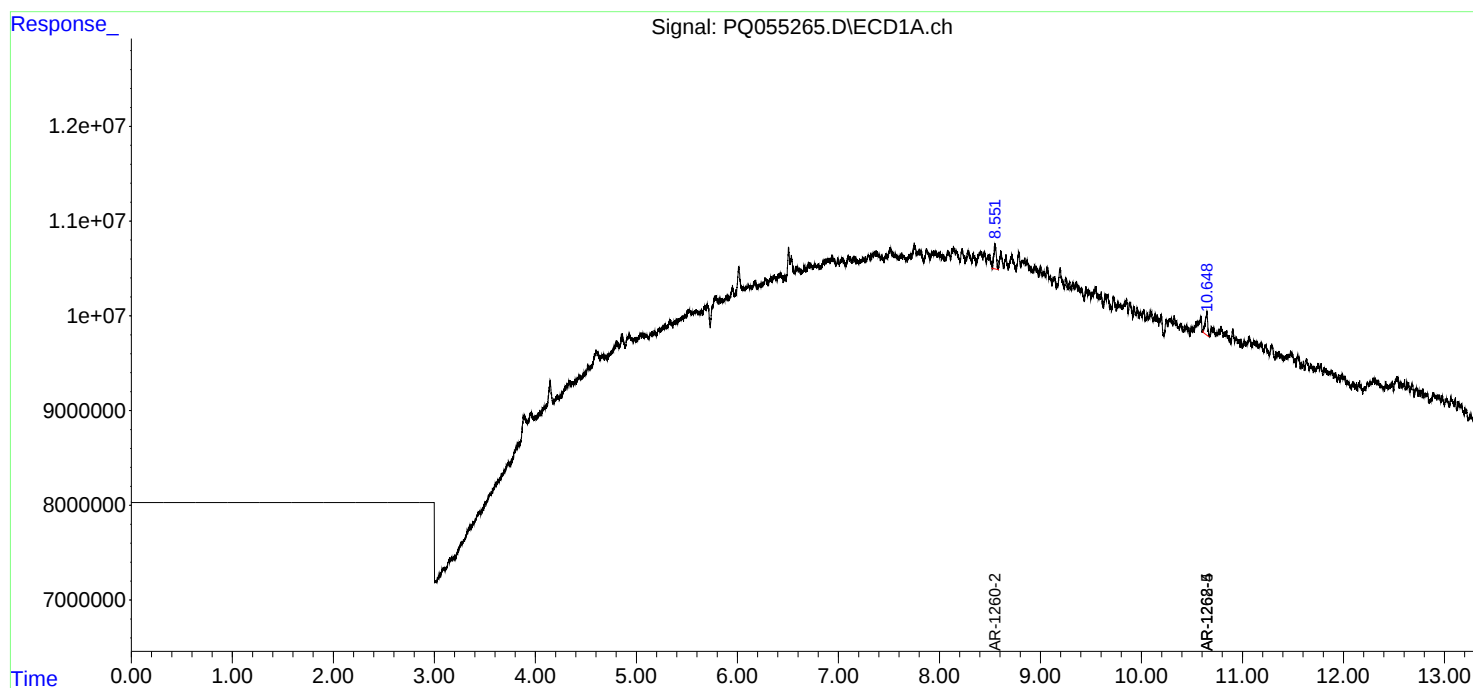
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

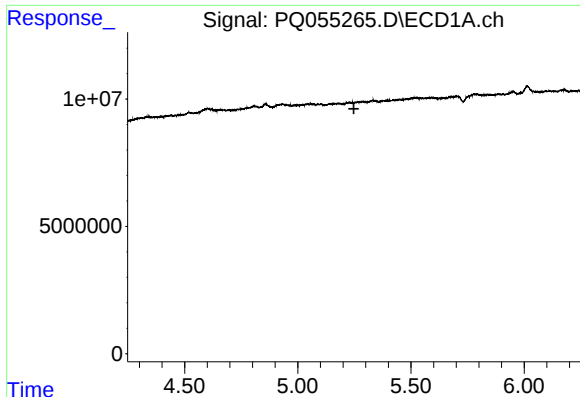
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ120221\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

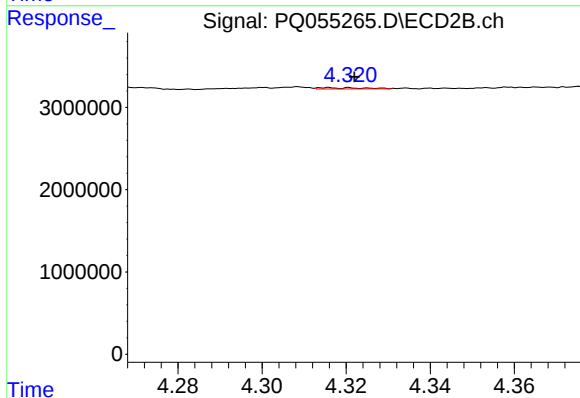




#1 Tetrachloro-m-xylene

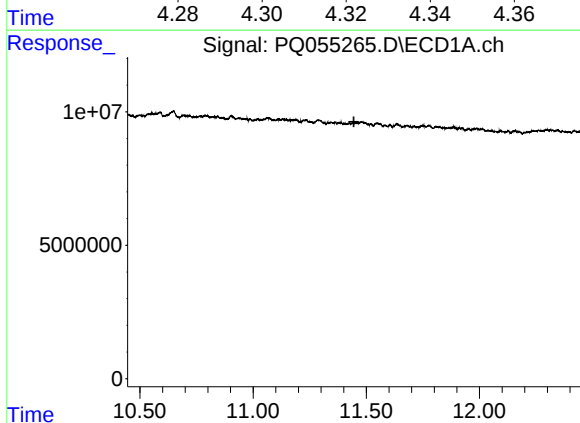
R.T.: 0.000 min
Exp R.T.: 5.248 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



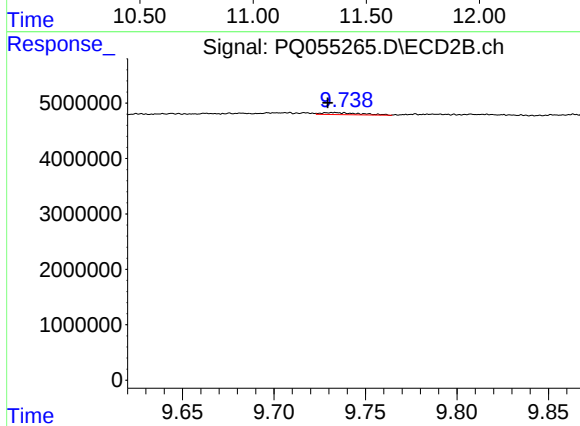
#1 Tetrachloro-m-xylene

R.T.: 4.316 min
Delta R.T.: -0.006 min
Response: 109833
Conc: 0.01 ng/ml



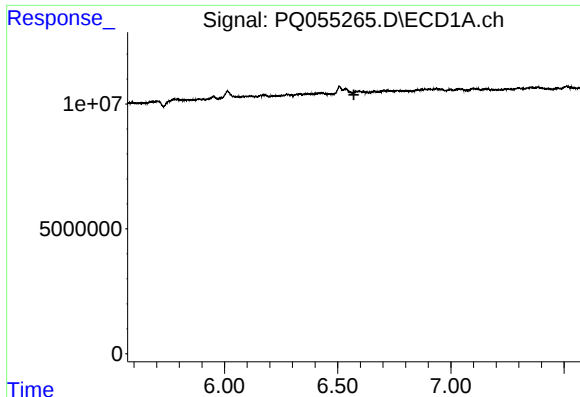
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T.: 11.445 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

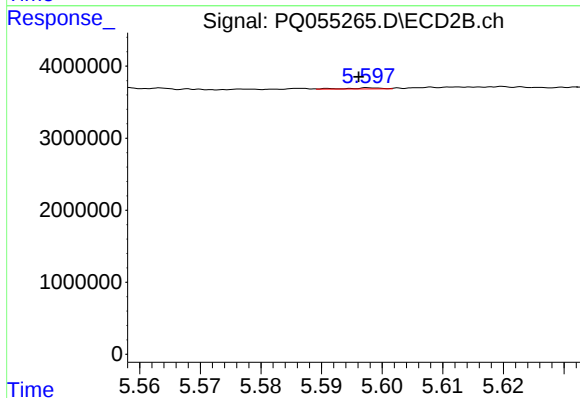
R.T.: 9.733 min
Delta R.T.: 0.004 min
Response: 535716
Conc: 0.06 ng/ml



#3 AR-1016-1

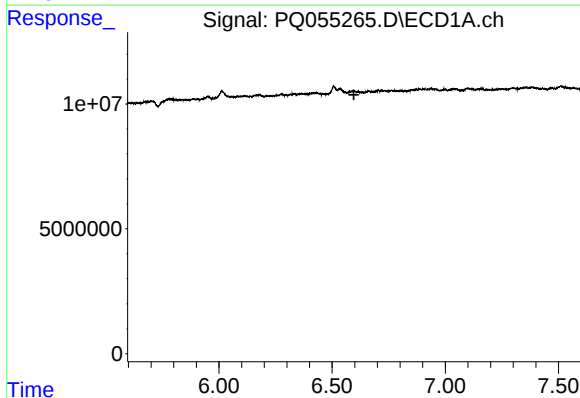
R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



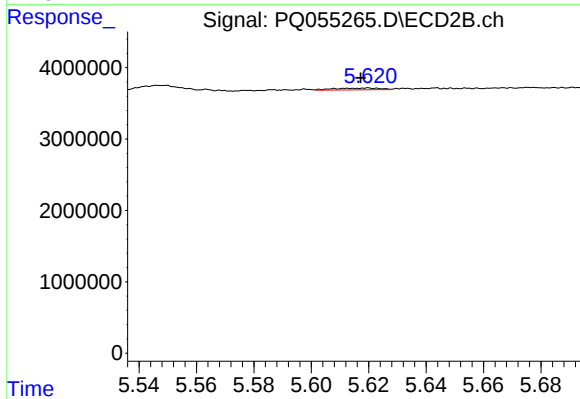
#3 AR-1016-1

R.T.: 5.598 min
Delta R.T.: 0.002 min
Response: 55791
Conc: 0.16 ng/ml



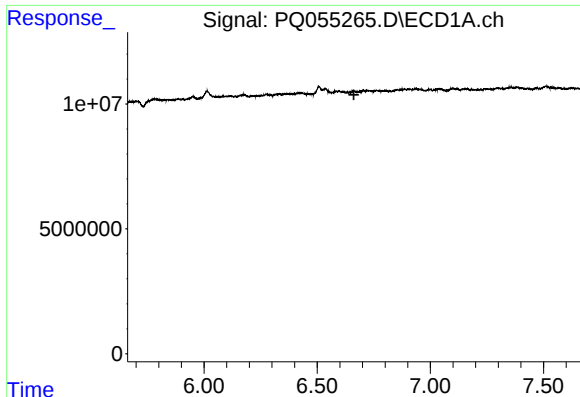
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.596 min
Response: 0
Conc: N.D.



#4 AR-1016-2

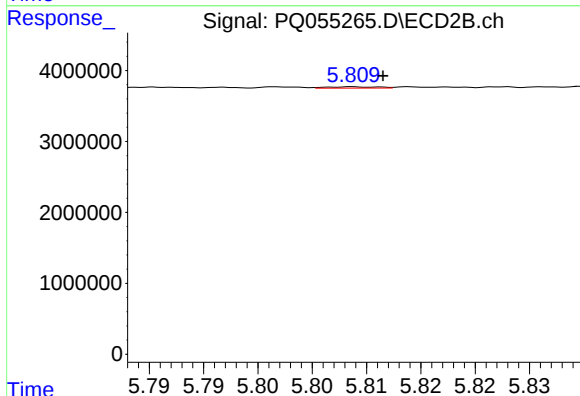
R.T.: 5.620 min
Delta R.T.: 0.003 min
Response: 269906
Conc: 0.52 ng/ml



#5 AR-1016-3

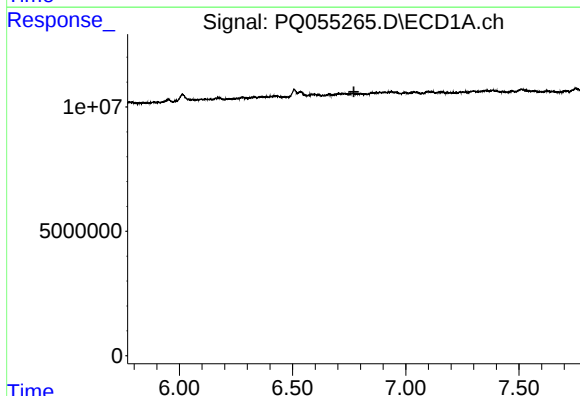
R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



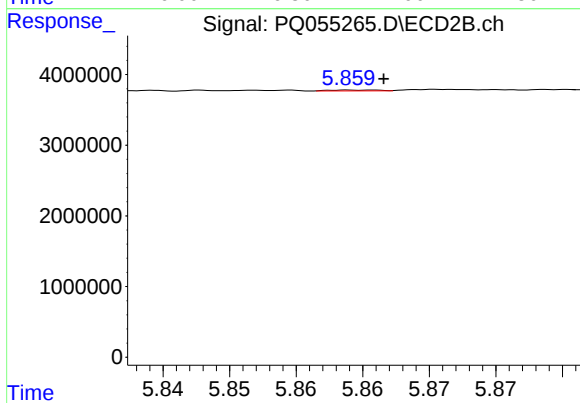
#5 AR-1016-3

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 62896
Conc: 0.23 ng/ml



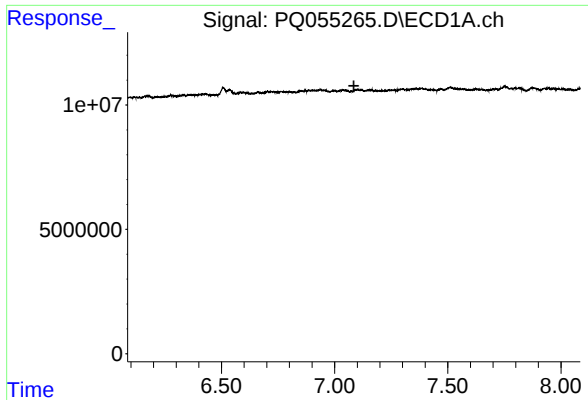
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.771 min
Response: 0
Conc: N.D.



#6 AR-1016-4

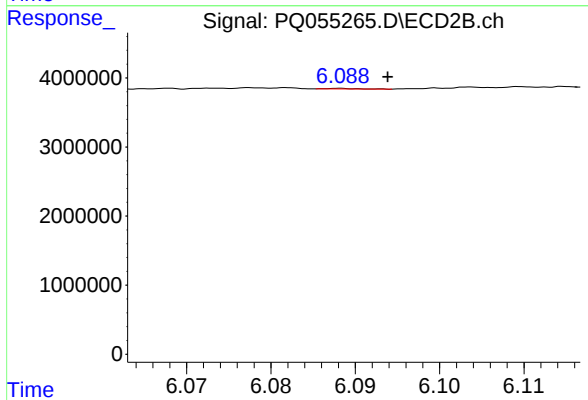
R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 28056
Conc: 0.13 ng/ml



#7 AR-1016-5

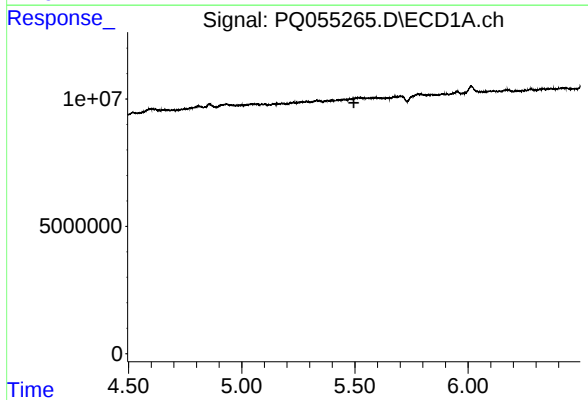
R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



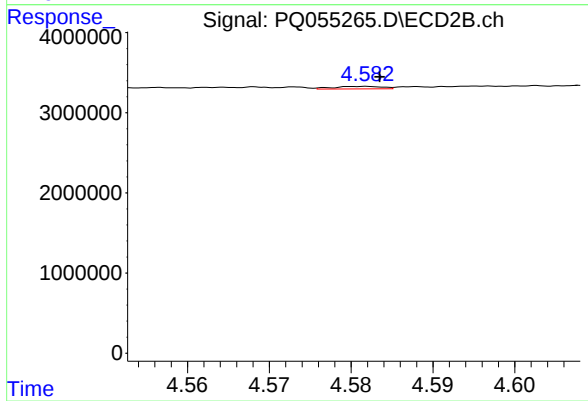
#7 AR-1016-5

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 22203
Conc: 0.08 ng/ml



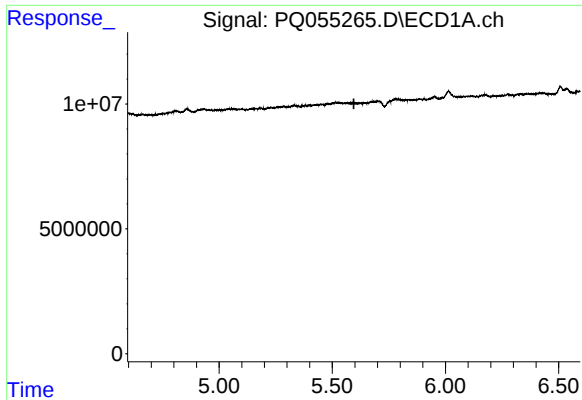
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.495 min
Response: 0
Conc: N.D.



#8 AR-1221-1

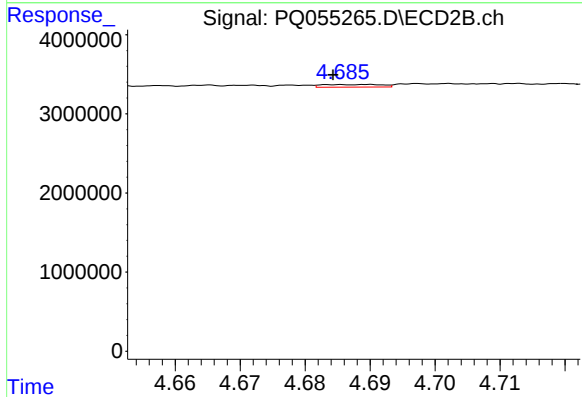
R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 128398
Conc: 1.19 ng/ml



#9 AR-1221-2

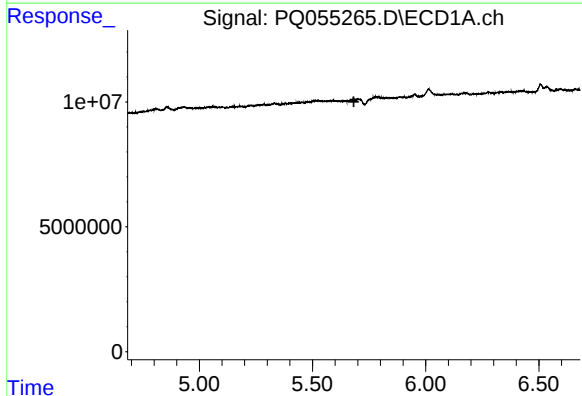
R.T.: 0.000 min
Exp R.T.: 5.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



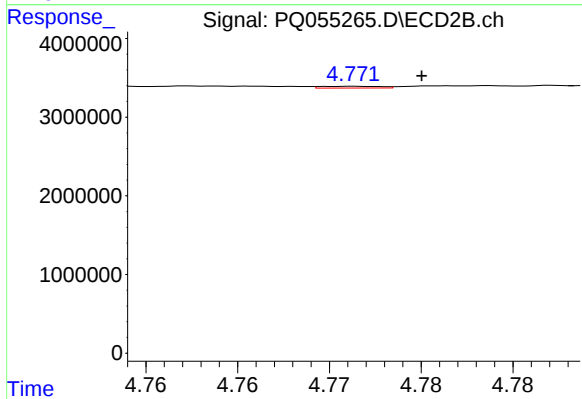
#9 AR-1221-2

R.T.: 4.690 min
Delta R.T.: 0.006 min
Response: 212171
Conc: 2.74 ng/ml



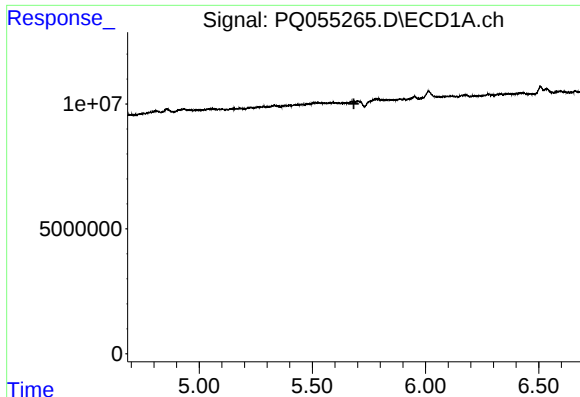
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.683 min
Response: 0
Conc: N.D.



#10 AR-1221-3

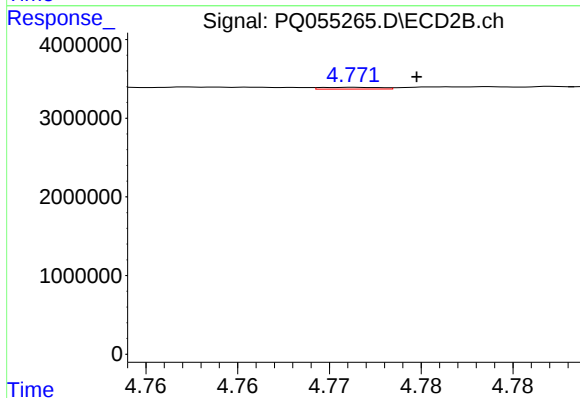
R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 53372
Conc: 0.21 ng/ml



#11 AR-1232-1

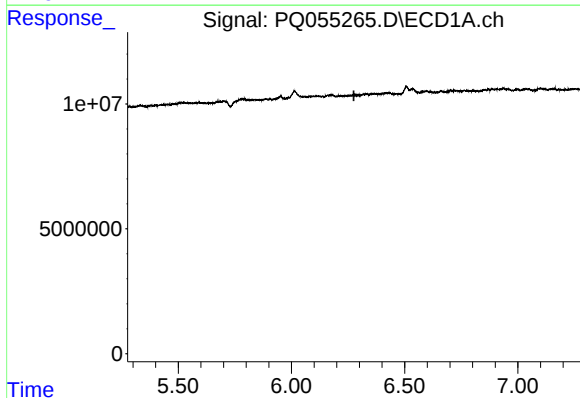
R.T.: 0.000 min
Exp R.T.: 5.683 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



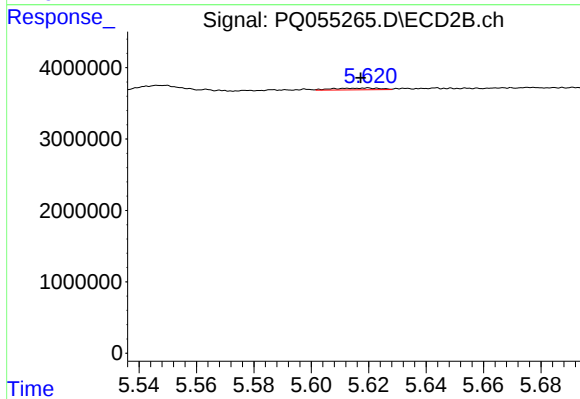
#11 AR-1232-1

R.T.: 4.771 min
Delta R.T.: -0.003 min
Response: 53372
Conc: 0.25 ng/ml



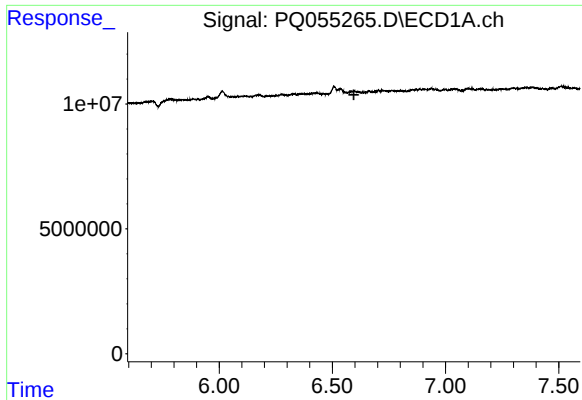
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.276 min
Response: 0
Conc: N.D.



#12 AR-1232-2

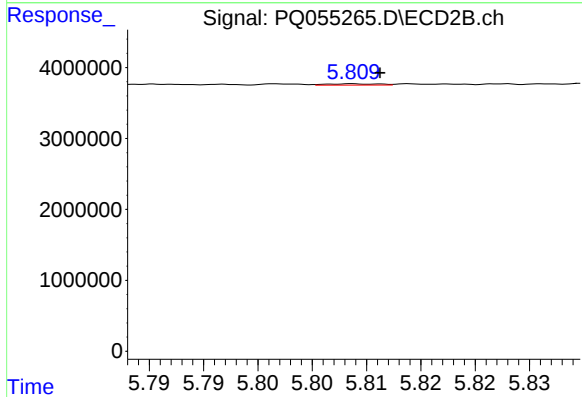
R.T.: 5.620 min
Delta R.T.: 0.003 min
Response: 269906
Conc: 1.28 ng/ml



#13 AR-1232-3

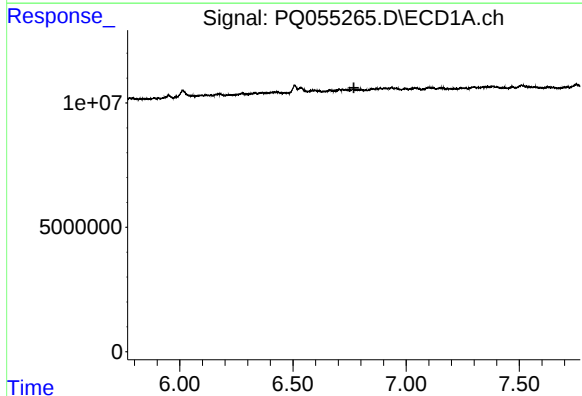
R.T.: 0.000 min
Exp R.T. : 6.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



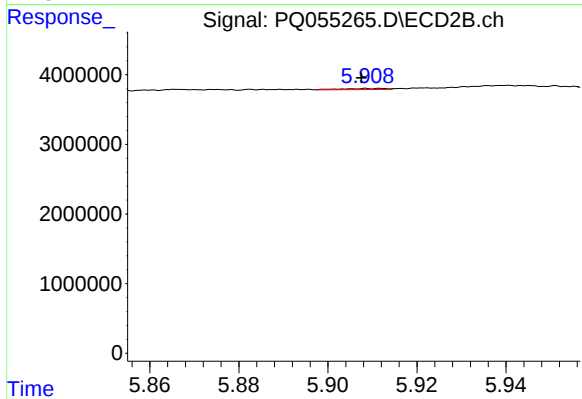
#13 AR-1232-3

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 62896
Conc: 0.57 ng/ml



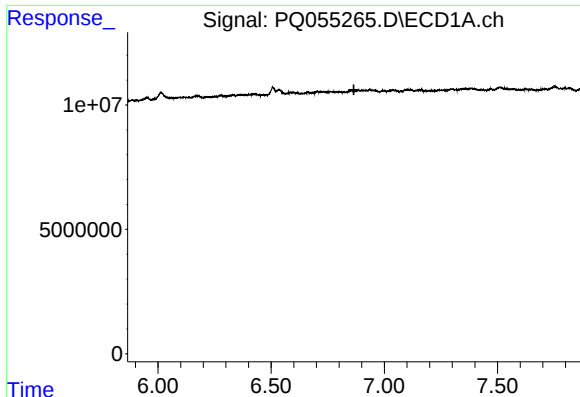
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.769 min
Response: 0
Conc: N.D.



#14 AR-1232-4

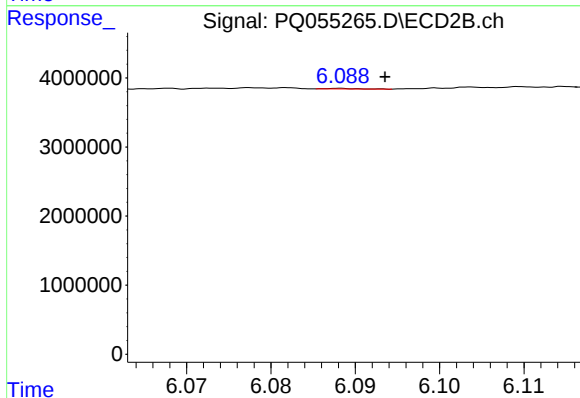
R.T.: 5.912 min
Delta R.T.: 0.005 min
Response: 116223
Conc: 1.20 ng/ml



#15 AR-1232-5

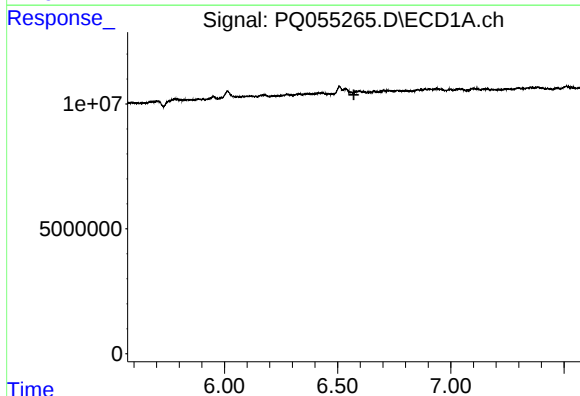
R.T.: 0.000 min
Exp R.T.: 6.865 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



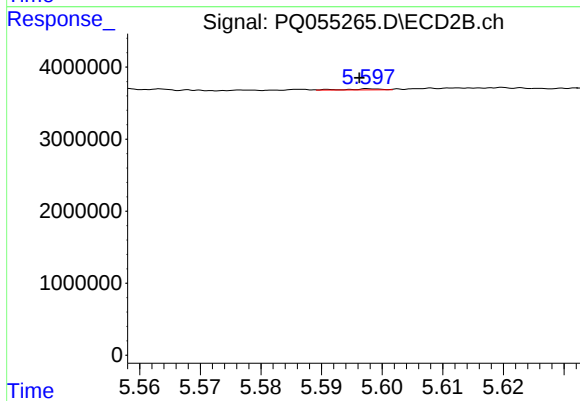
#15 AR-1232-5

R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 22203
Conc: 0.22 ng/ml



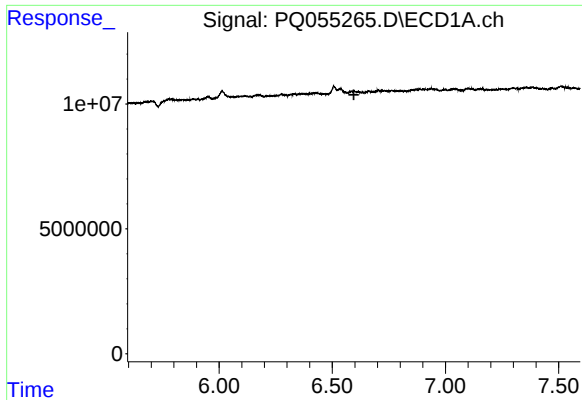
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.



#16 AR-1242-1

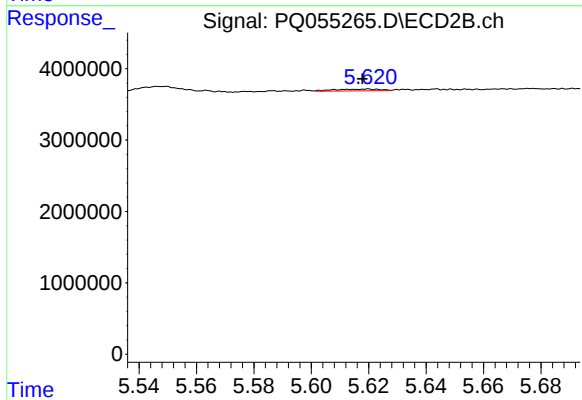
R.T.: 5.598 min
Delta R.T.: 0.002 min
Response: 55791
Conc: 0.21 ng/ml



#17 AR-1242-2

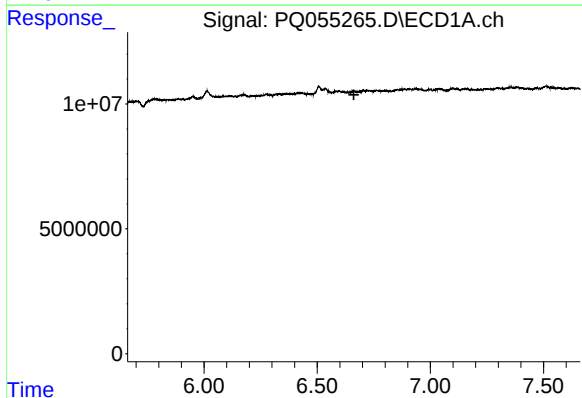
R.T.: 0.000 min
Exp R.T.: 6.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



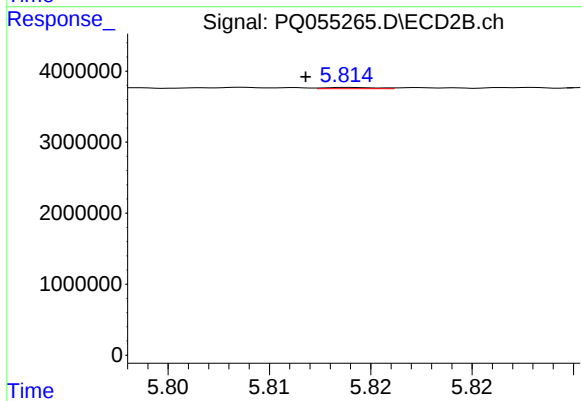
#17 AR-1242-2

R.T.: 5.620 min
Delta R.T.: 0.002 min
Response: 269906
Conc: 0.70 ng/ml



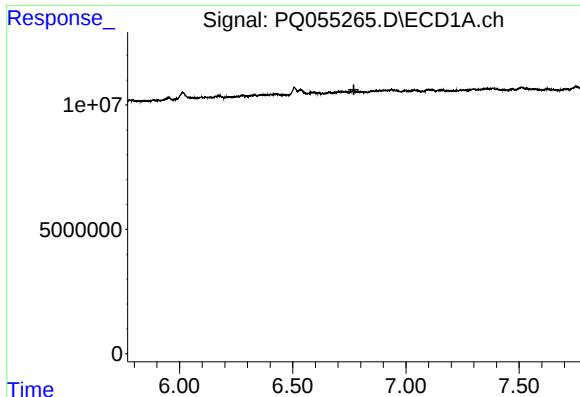
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.



#18 AR-1242-3

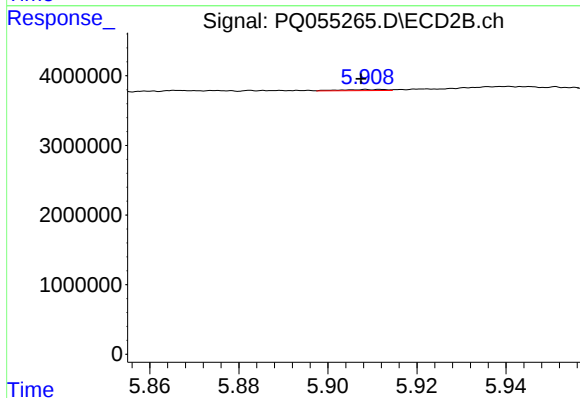
R.T.: 5.814 min
Delta R.T.: 0.002 min
Response: 30393
Conc: 0.15 ng/ml



#19 AR-1242-4

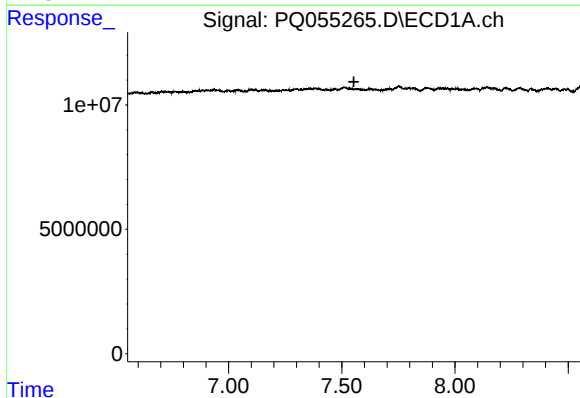
R.T.: 0.000 min
Exp R.T.: 6.770 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



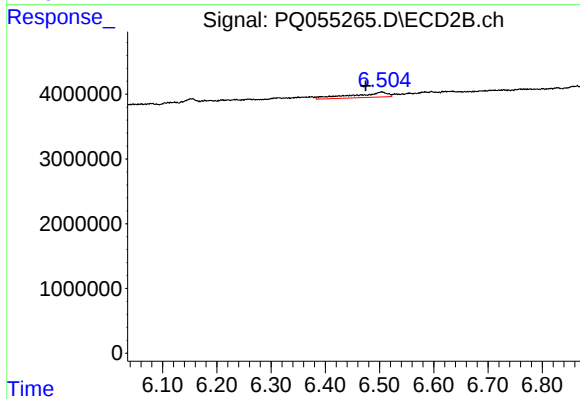
#19 AR-1242-4

R.T.: 5.912 min
Delta R.T.: 0.005 min
Response: 116223
Conc: 0.59 ng/ml



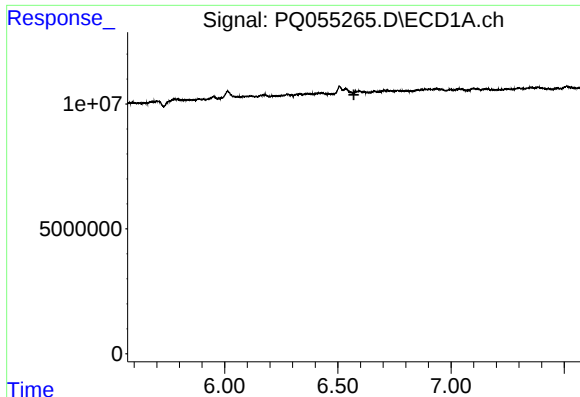
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.554 min
Response: 0
Conc: N.D.



#20 AR-1242-5

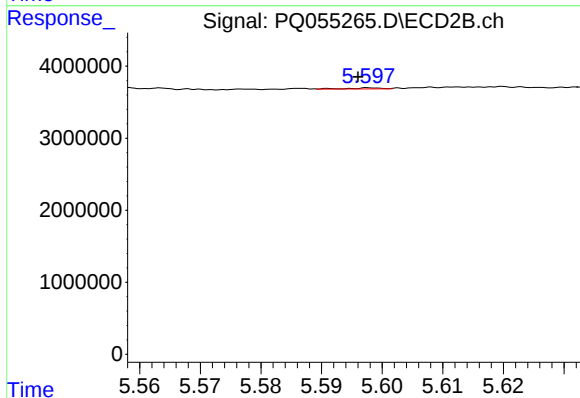
R.T.: 6.504 min
Delta R.T.: 0.029 min
Response: 3504014
Conc: 13.90 ng/ml



#21 AR-1248-1

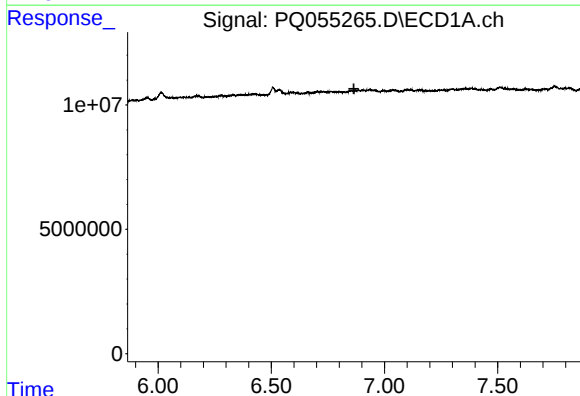
R.T.: 0.000 min
Exp R.T.: 6.571 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



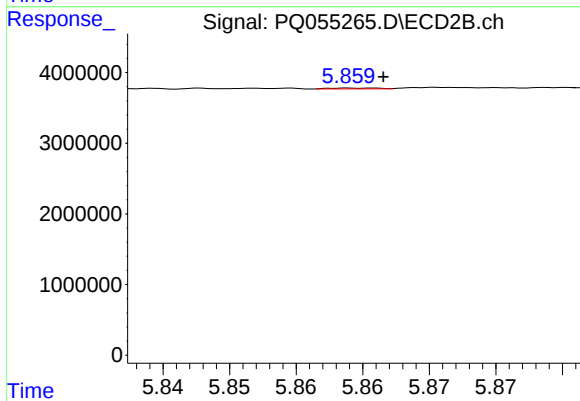
#21 AR-1248-1

R.T.: 5.598 min
Delta R.T.: 0.002 min
Response: 55791
Conc: 0.28 ng/ml



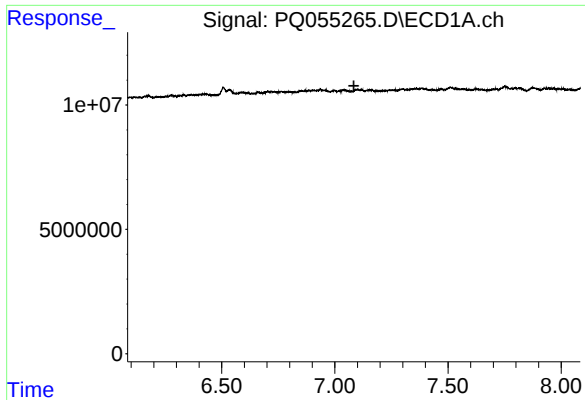
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.865 min
Response: 0
Conc: N.D.



#22 AR-1248-2

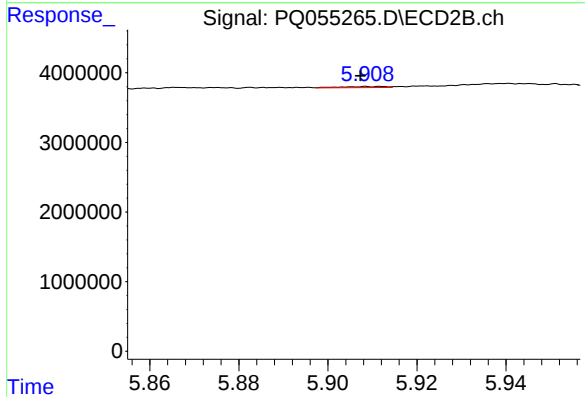
R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 28056
Conc: 0.10 ng/ml



#23 AR-1248-3

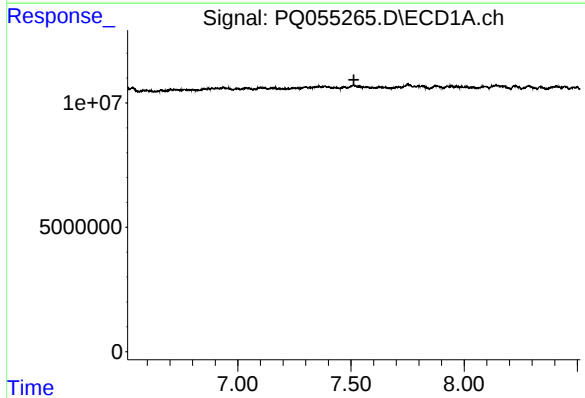
R.T.: 0.000 min
Exp R.T.: 7.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



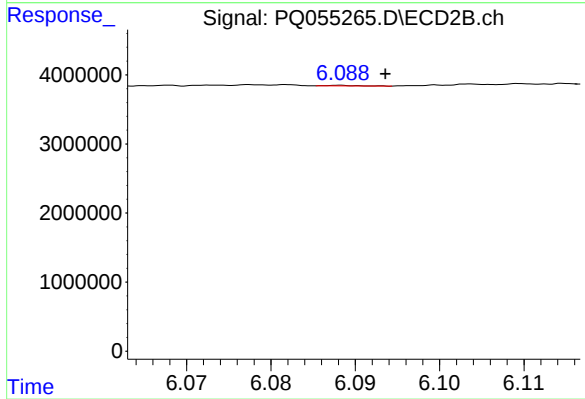
#23 AR-1248-3

R.T.: 5.912 min
Delta R.T.: 0.005 min
Response: 116223
Conc: 0.40 ng/ml



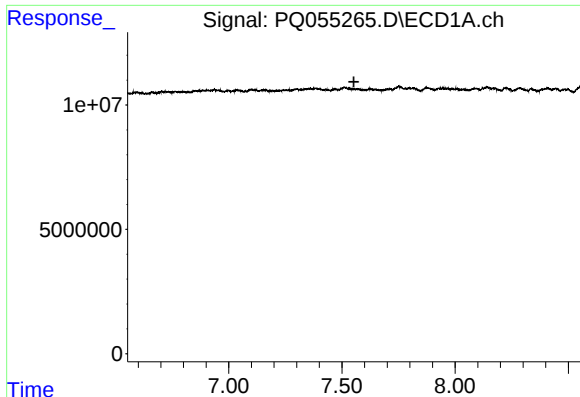
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 7.513 min
Response: 0
Conc: N.D.



#24 AR-1248-4

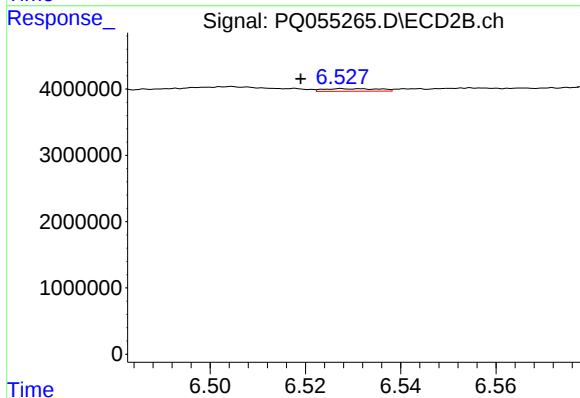
R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 22203
Conc: 0.06 ng/ml



#25 AR-1248-5

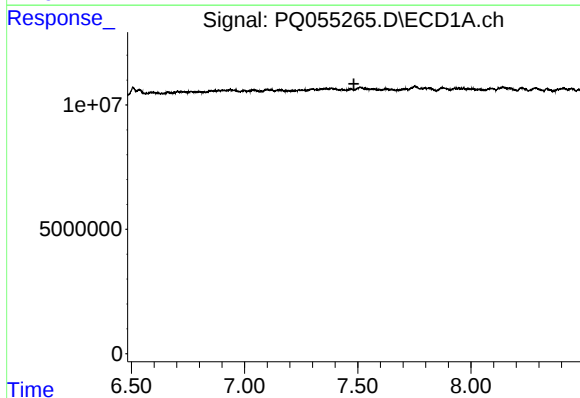
R.T.: 0.000 min
Exp R.T.: 7.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



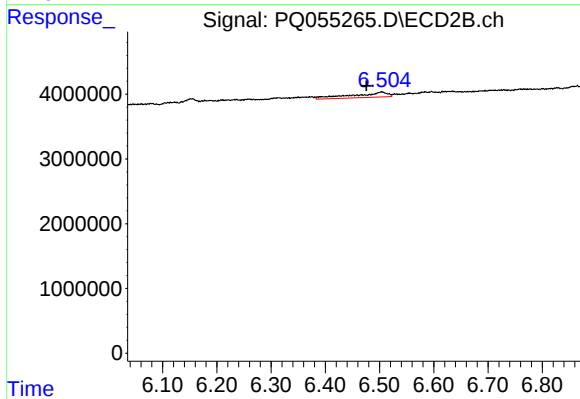
#25 AR-1248-5

R.T.: 6.528 min
Delta R.T.: 0.009 min
Response: 318427
Conc: 0.92 ng/ml



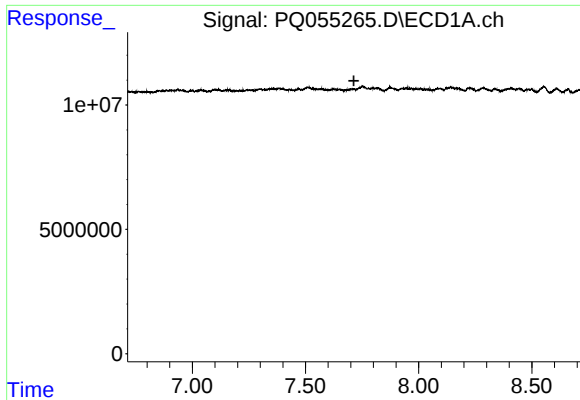
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 7.483 min
Response: 0
Conc: N.D.



#26 AR-1254-1

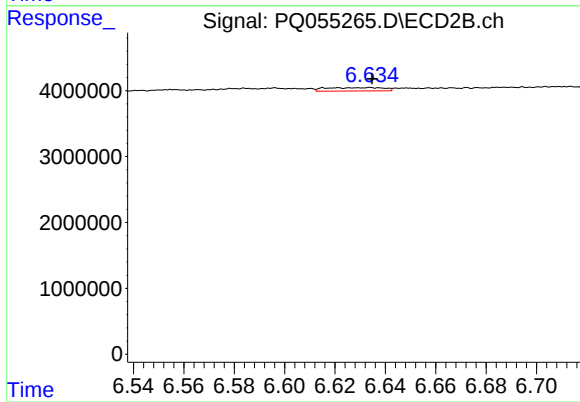
R.T.: 6.504 min
Delta R.T.: 0.028 min
Response: 3504014
Conc: 6.34 ng/ml



#27 AR-1254-2

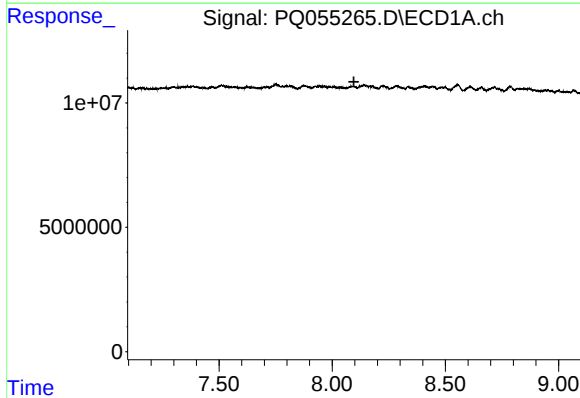
R.T.: 0.000 min
Exp R.T.: 7.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



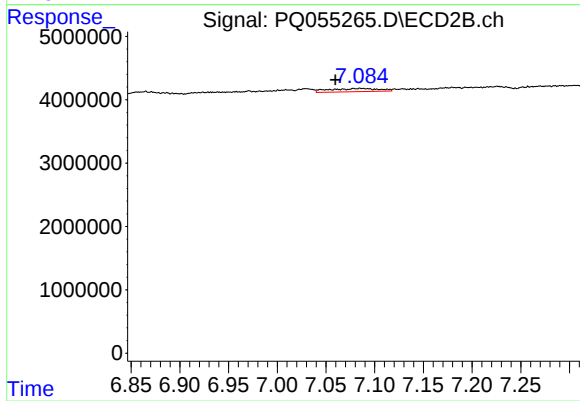
#27 AR-1254-2

R.T.: 6.634 min
Delta R.T.: 0.000 min
Response: 825767
Conc: 1.74 ng/ml



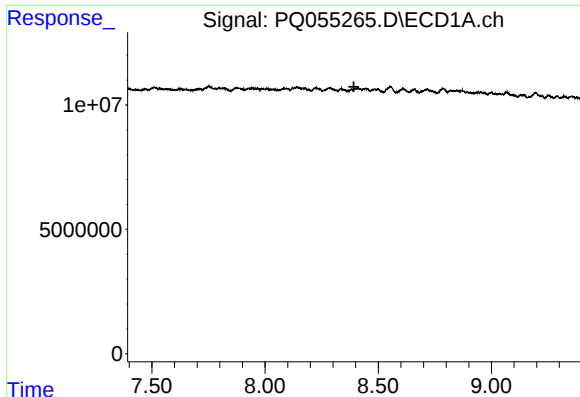
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 8.096 min
Response: 0
Conc: N.D.



#28 AR-1254-3

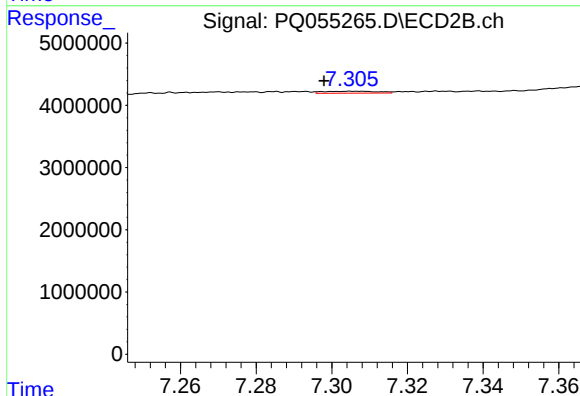
R.T.: 7.085 min
Delta R.T.: 0.026 min
Response: 1772280
Conc: 2.26 ng/ml



#29 AR-1254-4

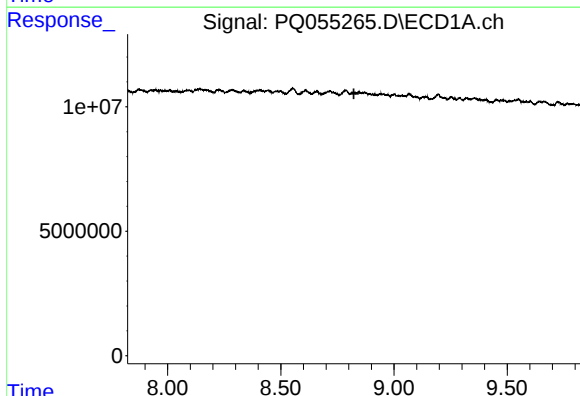
R.T.: 0.000 min
Exp R.T.: 8.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



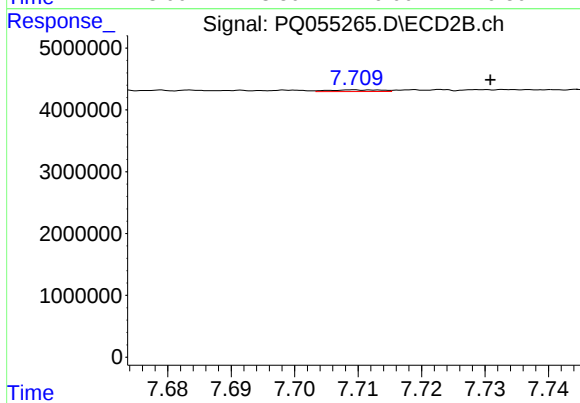
#29 AR-1254-4

R.T.: 7.306 min
Delta R.T.: 0.009 min
Response: 308387
Conc: 0.65 ng/ml



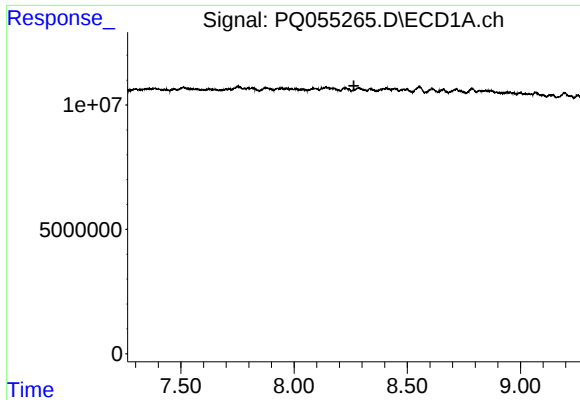
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 8.823 min
Response: 0
Conc: N.D.



#30 AR-1254-5

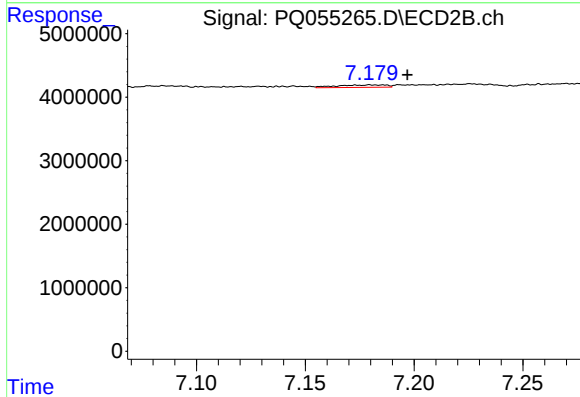
R.T.: 7.711 min
Delta R.T.: -0.020 min
Response: 152551
Conc: 0.23 ng/ml



#31 AR-1260-1

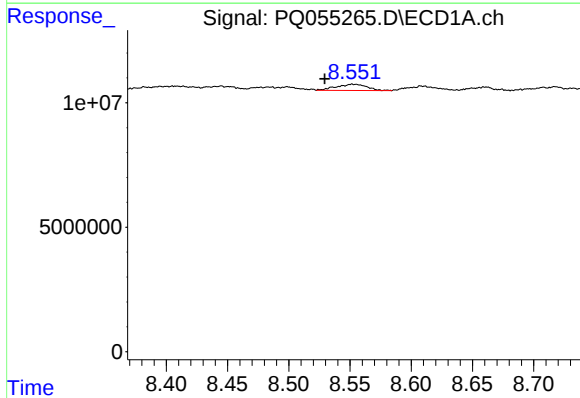
R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



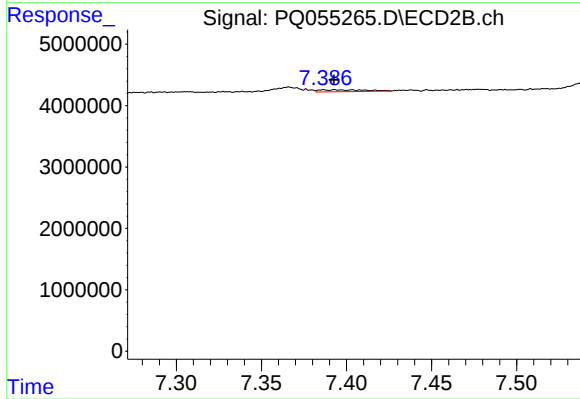
#31 AR-1260-1

R.T.: 7.180 min
Delta R.T.: -0.017 min
Response: 592636
Conc: 1.18 ng/ml



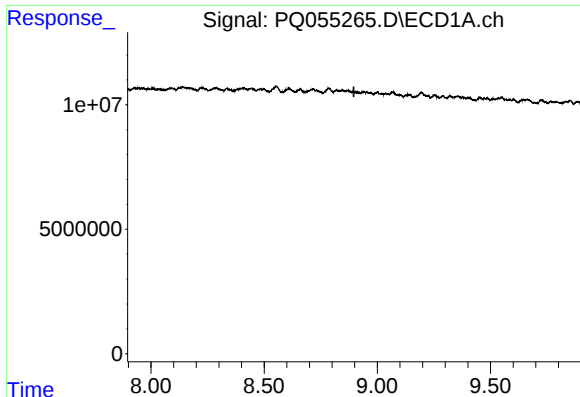
#32 AR-1260-2

R.T.: 8.552 min
Delta R.T.: 0.023 min
Response: 4380256
Conc: 5.28 ng/ml



#32 AR-1260-2

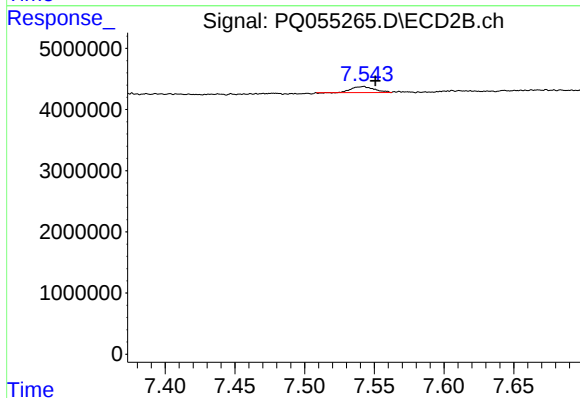
R.T.: 7.386 min
Delta R.T.: -0.006 min
Response: 601260
Conc: 0.99 ng/ml



#33 AR-1260-3

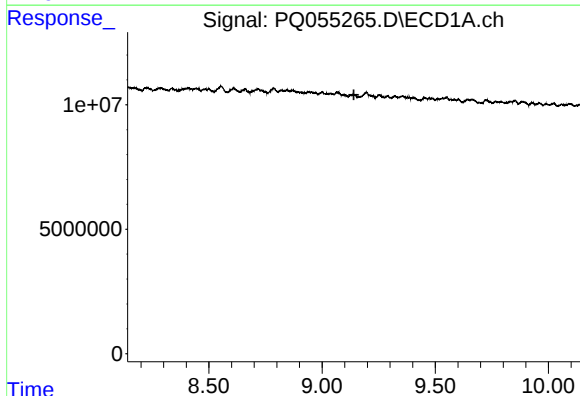
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



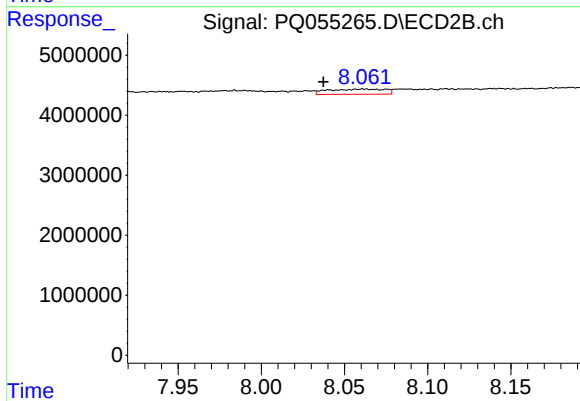
#33 AR-1260-3

R.T.: 7.542 min
Delta R.T.: -0.009 min
Response: 1096006
Conc: 1.92 ng/ml



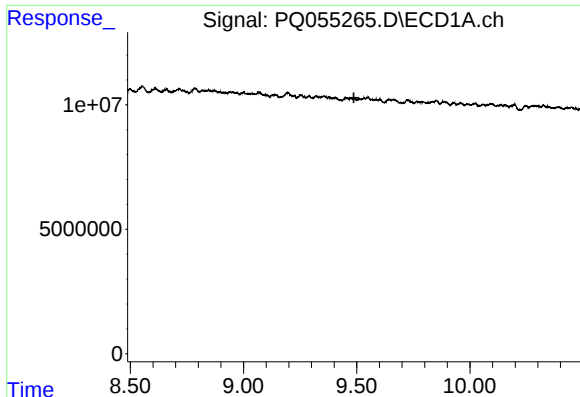
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.140 min
Response: 0
Conc: N.D.



#34 AR-1260-4

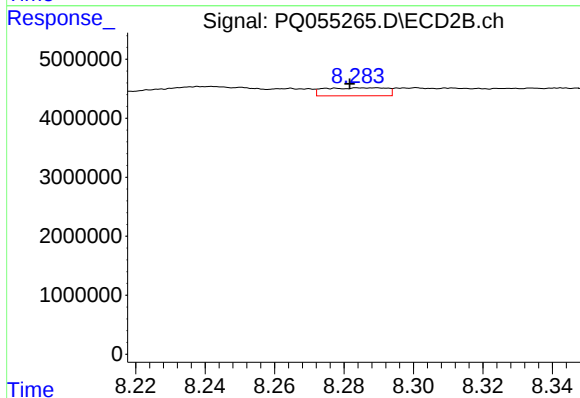
R.T.: 8.062 min
Delta R.T.: 0.025 min
Response: 2057828
Conc: 4.34 ng/ml



#35 AR-1260-5

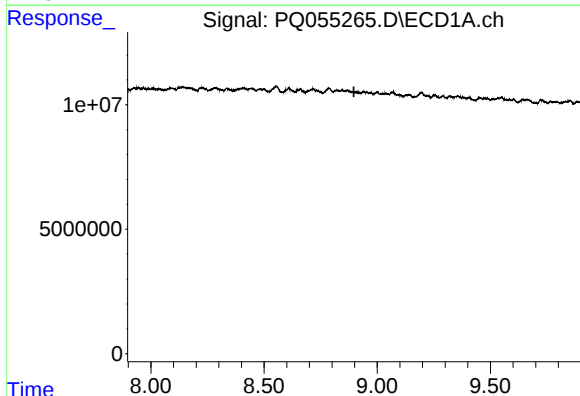
R.T.: 0.000 min
Exp R.T.: 9.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



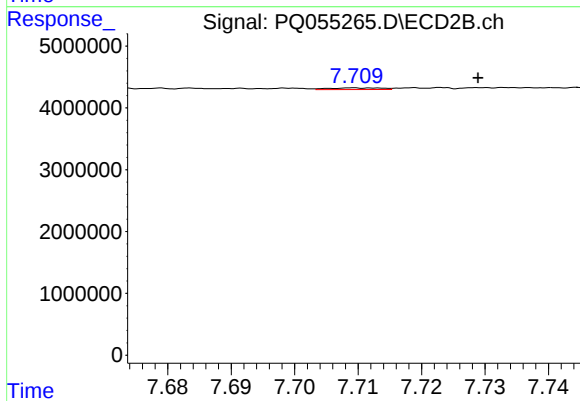
#35 AR-1260-5

R.T.: 8.289 min
Delta R.T.: 0.008 min
Response: 1657516
Conc: 1.44 ng/ml



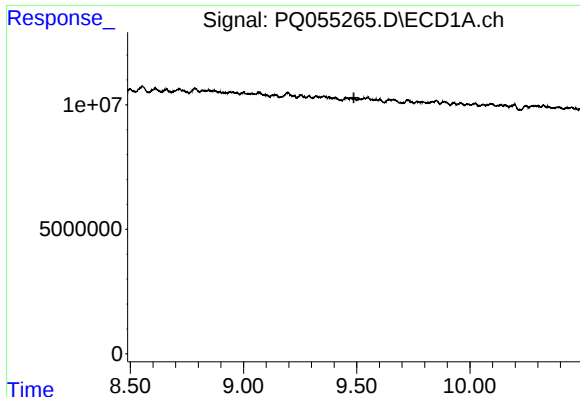
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.



#36 AR-1262-1

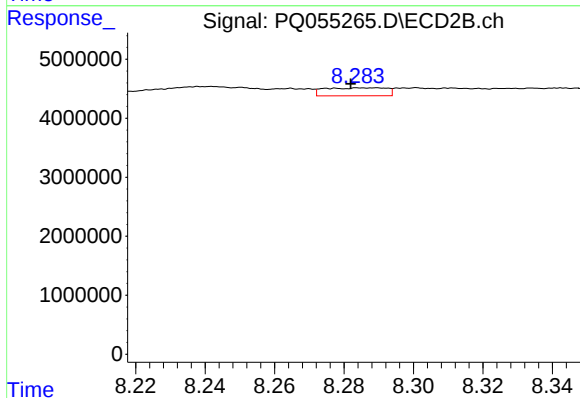
R.T.: 7.711 min
Delta R.T.: -0.018 min
Response: 152551
Conc: 0.45 ng/ml



#37 AR-1262-2

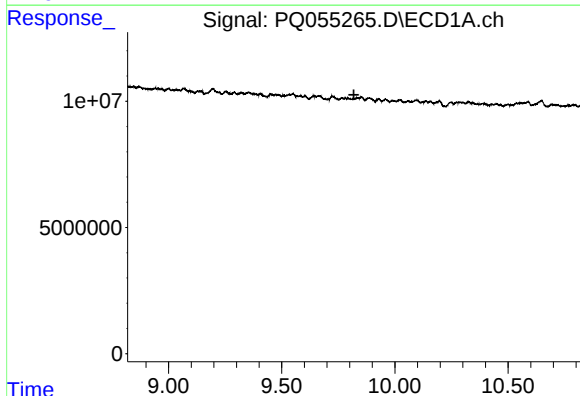
R.T.: 0.000 min
Exp R.T.: 9.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



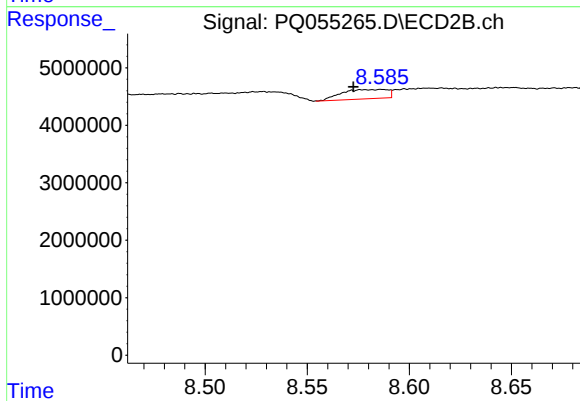
#37 AR-1262-2

R.T.: 8.289 min
Delta R.T.: 0.007 min
Response: 1657516
Conc: 1.34 ng/ml



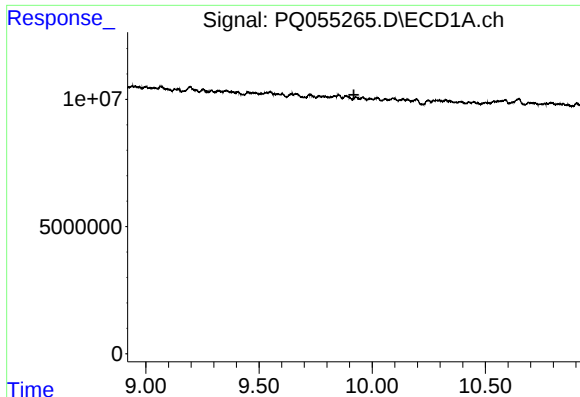
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.819 min
Response: 0
Conc: N.D.



#38 AR-1262-3

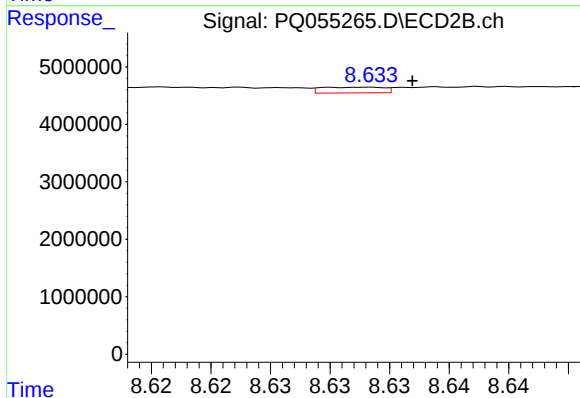
R.T.: 8.587 min
Delta R.T.: 0.014 min
Response: 2534247
Conc: 5.48 ng/ml



#39 AR-1262-4

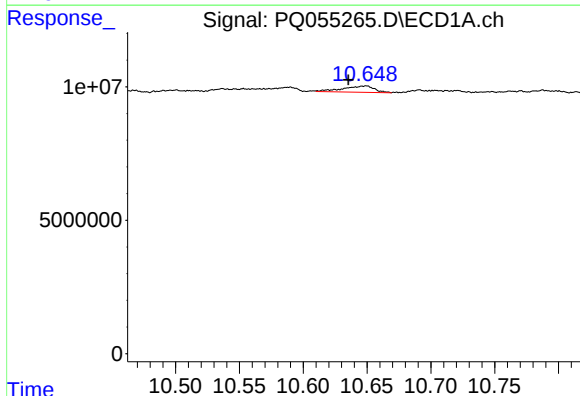
R.T.: 0.000 min
Exp R.T.: 9.919 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



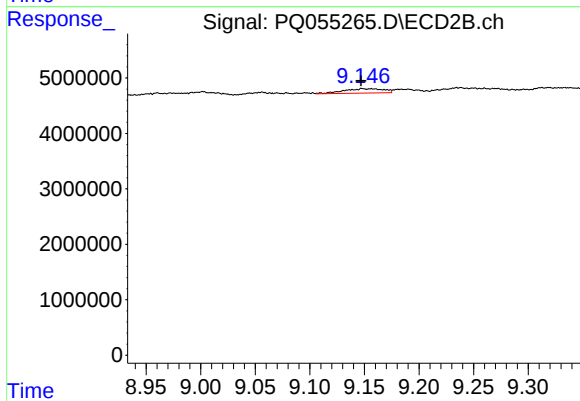
#39 AR-1262-4

R.T.: 8.633 min
Delta R.T.: -0.004 min
Response: 362189
Conc: 0.41 ng/ml



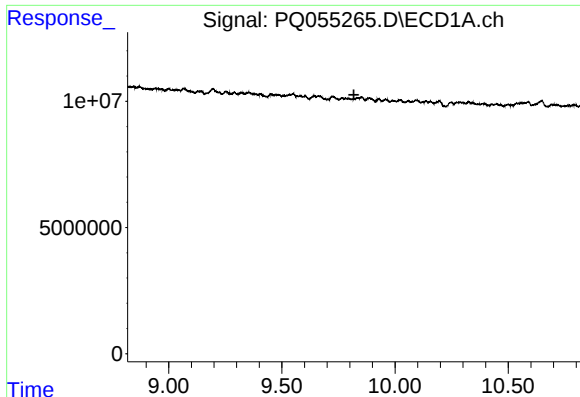
#40 AR-1262-5

R.T.: 10.649 min
Delta R.T.: 0.014 min
Response: 4016672
Conc: 5.94 ng/ml



#40 AR-1262-5

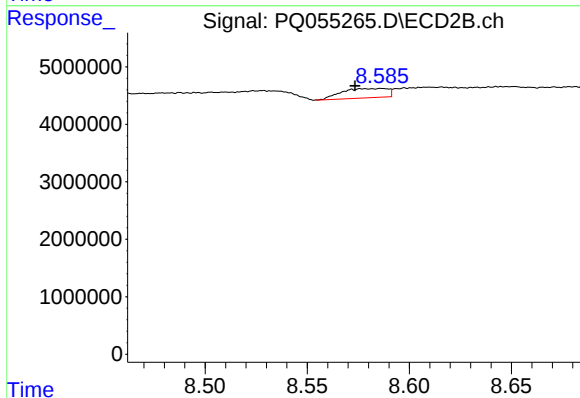
R.T.: 9.148 min
Delta R.T.: 0.002 min
Response: 1983226
Conc: 4.94 ng/ml



#41 AR-1268-1

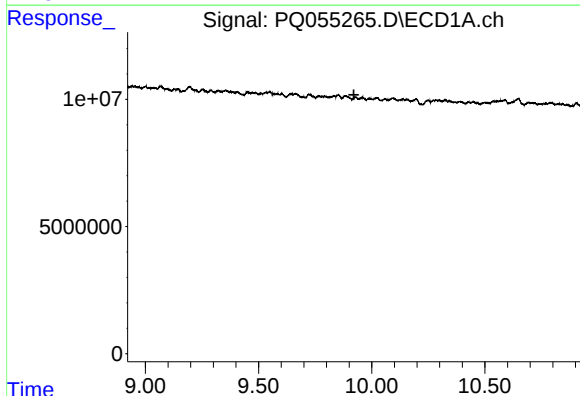
R.T.: 0.000 min
Exp R.T.: 9.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



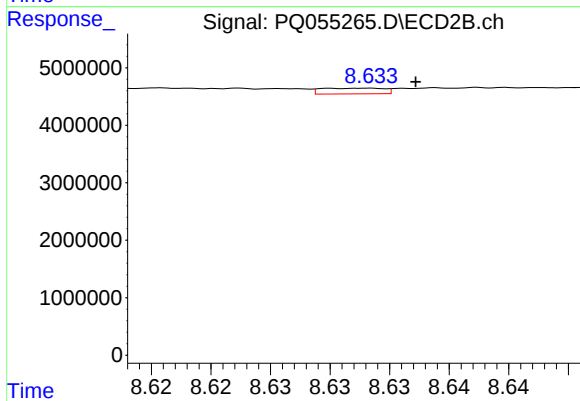
#41 AR-1268-1

R.T.: 8.587 min
Delta R.T.: 0.013 min
Response: 2534247
Conc: 1.79 ng/ml



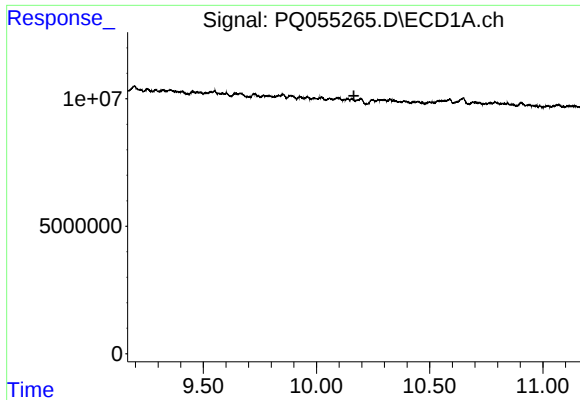
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.921 min
Response: 0
Conc: N.D.



#42 AR-1268-2

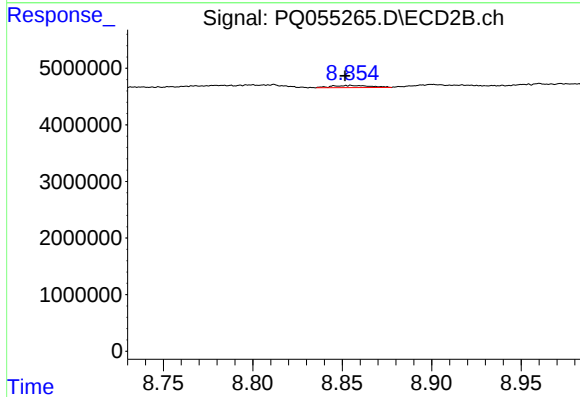
R.T.: 8.633 min
Delta R.T.: -0.005 min
Response: 362189
Conc: 0.28 ng/ml



#43 AR-1268-3

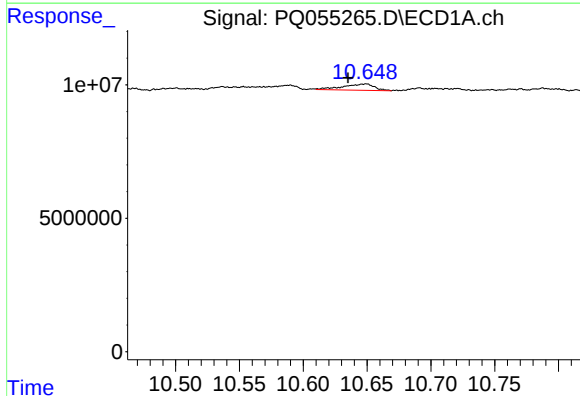
R.T.: 0.000 min
Exp R.T.: 10.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



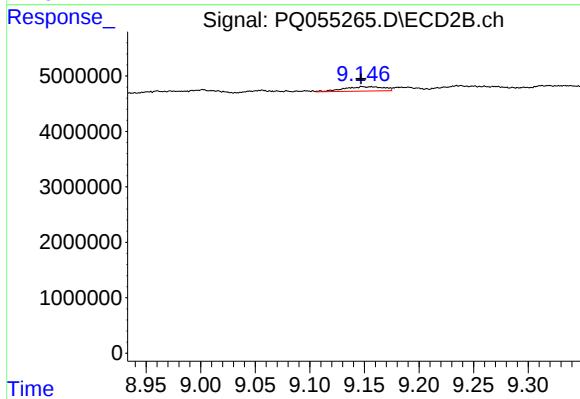
#43 AR-1268-3

R.T.: 8.855 min
Delta R.T.: 0.003 min
Response: 533358
Conc: 0.49 ng/ml



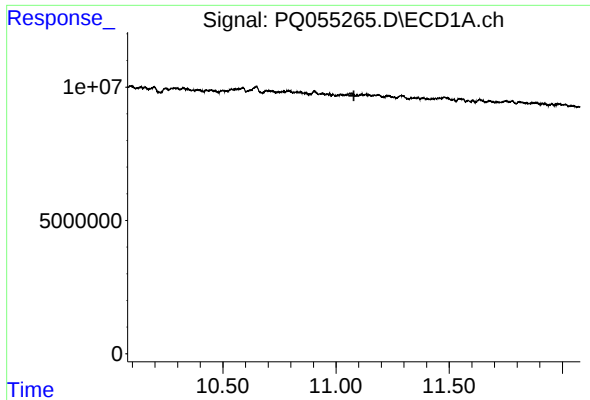
#44 AR-1268-4

R.T.: 10.649 min
Delta R.T.: 0.014 min
Response: 4016672
Conc: 5.30 ng/ml



#44 AR-1268-4

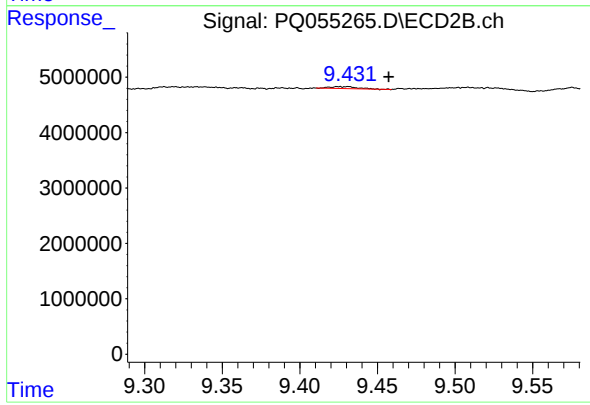
R.T.: 9.148 min
Delta R.T.: 0.001 min
Response: 1983226
Conc: 4.39 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.079 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.431 min
Delta R.T.: -0.026 min
Response: 422327
Conc: 0.12 ng/ml