

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062122\
 Data File : PQ058245.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2022 17:28
 Operator : YP\AJ
 Sample : N3401-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 00:49:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060822CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 09 05:05:02 2022
 Response via : Initial Calibration
 Integrator: ChemStation

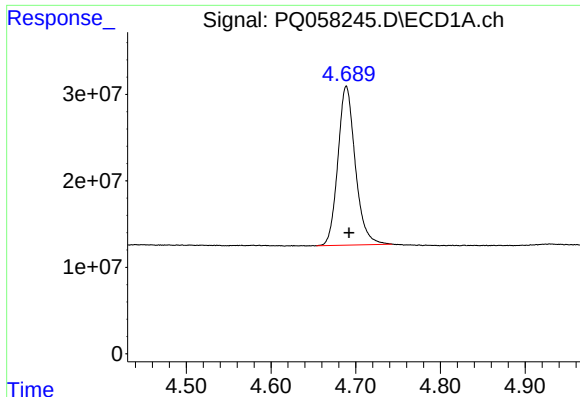
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.689	4.051	262.2E6	263.1E6	17.692	17.079
2)	SA Decachlor...	10.604	9.190	404.9E6	360.8E6	28.976	32.198
Target Compounds							
3)	L1 AR-1016-1	5.880	5.153	162651	221527	0.411	0.448
4)	L1 AR-1016-2	5.900	5.187	2360884	5926884	3.518	8.380 #
5)	L1 AR-1016-3	5.996	5.337	4381096	508820	10.607	1.381 #
6)	L1 AR-1016-4	6.051	5.394	595173	1822463	1.689	6.187 #
7)	L1 AR-1016-5	6.340	5.608	239779	1115857	0.782	2.925 #
8)	L2 AR-1221-1	4.907	0.000	152476	0	0.981	N.D. #
9)	L2 AR-1221-2	5.001	4.360	4095404	3811705	35.873	33.630
10)	L2 AR-1221-3	5.081	4.461	262182	1310839	0.706	3.424 #
11)	L3 AR-1232-1	5.081	4.461	262182	1310839	0.951	4.444 #
12)	L3 AR-1232-2	5.616	5.187	155850	5926884	1.135	20.752 #
13)	L3 AR-1232-3	5.900	5.337	2360884	508820	8.629	3.468 #
14)	L3 AR-1232-4	6.051	5.476	595173	4580471	4.243	34.851 #
15)	L3 AR-1232-5	6.131	5.608	390529	1115857	4.655	7.568 #
16)	L4 AR-1242-1	5.880	5.153	162651	221527	0.510	0.548
17)	L4 AR-1242-2	5.900	5.187	2360884	5926884	4.308	10.266 #
18)	L4 AR-1242-3	5.996	5.337	4381096	508820	13.025	1.684 #
19)	L4 AR-1242-4	6.051	5.476	595173	4580471	2.063	15.634 #
20)	L4 AR-1242-5	6.813	6.001	211047	2741323	0.757	7.327 #
21)	L5 AR-1248-1	5.880	5.153	162651	221527	0.661	0.711
22)	L5 AR-1248-2	6.167	5.394	744820	1822463	2.302	4.333 #
23)	L5 AR-1248-3	6.340	5.476	239779	4580471	0.574	10.406 #
24)	L5 AR-1248-4	6.813f	5.608	211047	1115857	0.461	2.116 #
25)	L5 AR-1248-5	6.813	6.001	211047	2741323	0.444	5.218 #
26)	L6 AR-1254-1	6.693f	6.001	327436	2741323	0.761	3.423 #
27)	L6 AR-1254-2	0.000	6.094	0	1921494	N.D.	2.772 #
28)	L6 AR-1254-3	7.332	6.476f	201188	7652233	0.244	6.691 #
32)	L7 AR-1260-2	0.000	6.828	0	1112416	N.D.	1.382 #
34)	L7 AR-1260-4	0.000	7.476	0	5708525	N.D.	9.027 #
35)	L7 AR-1260-5	0.000	7.652f	0	1850822	N.D.	1.252 #
37)	L8 AR-1262-2	0.000	7.652f	0	1850822	N.D.	1.049 #
38)	L8 AR-1262-3	9.025	0.000	110600	0	0.151	N.D. #
39)	L8 AR-1262-4	9.038f	8.086	147713	667732	0.237	0.534 #
41)	L9 AR-1268-1	9.025	0.000	110600	0	0.062	N.D. #
42)	L9 AR-1268-2	0.000	8.086	0	667732	N.D.	0.369 #
43)	L9 AR-1268-3	9.338	8.269	557676	783440	0.330	0.502 #
45)	L9 AR-1268-5	10.246	8.903	2570545	1633161	0.465	0.365

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

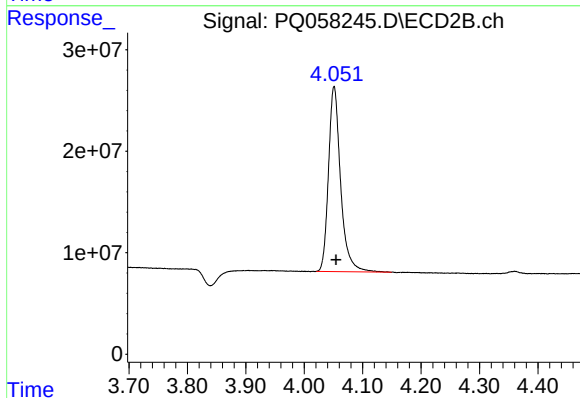
Instrument :
ECD_Q
ClientSampleId :



#1 Tetrachloro-m-xylene

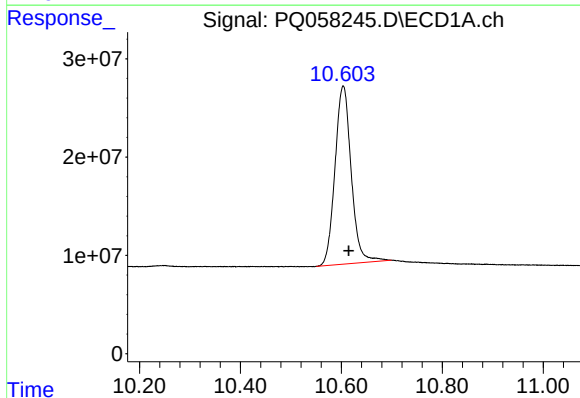
R.T.: 4.689 min
Delta R.T.: -0.003 min
Response: 262183047
Conc: 17.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



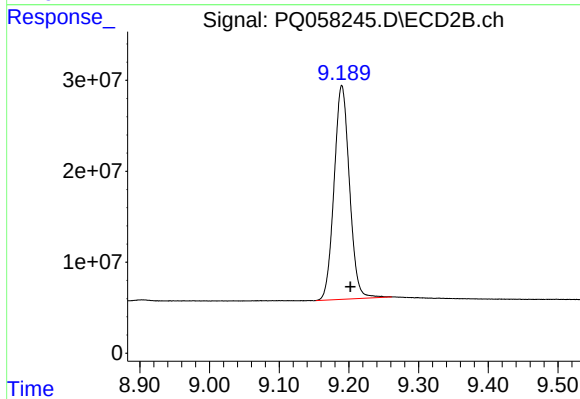
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: -0.003 min
Response: 263136833
Conc: 17.08 ng/ml



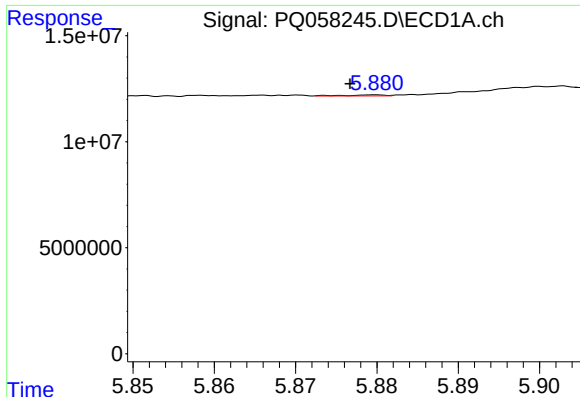
#2 Decachlorobiphenyl

R.T.: 10.604 min
Delta R.T.: -0.011 min
Response: 404871877
Conc: 28.98 ng/ml



#2 Decachlorobiphenyl

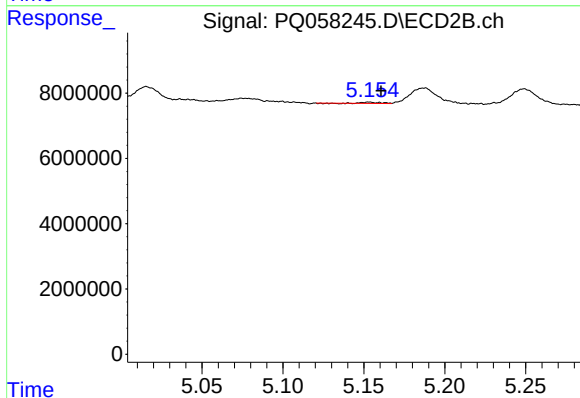
R.T.: 9.190 min
Delta R.T.: -0.012 min
Response: 360831536
Conc: 32.20 ng/ml



#3 AR-1016-1

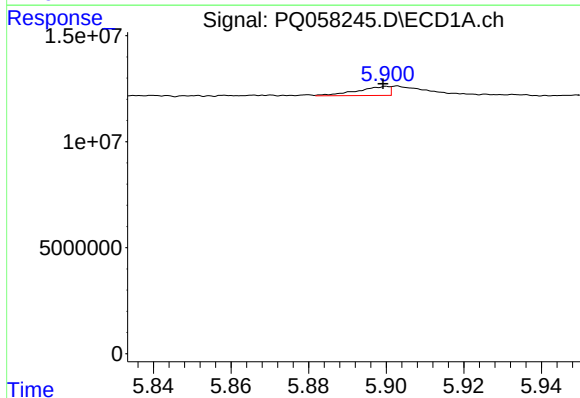
R.T.: 5.880 min
Delta R.T.: 0.003 min
Response: 162651
Conc: 0.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



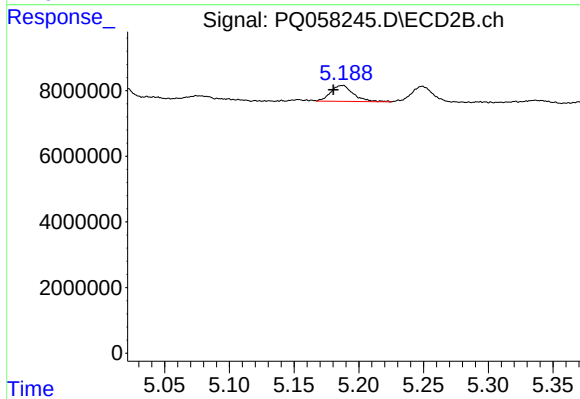
#3 AR-1016-1

R.T.: 5.153 min
Delta R.T.: -0.008 min
Response: 221527
Conc: 0.45 ng/ml



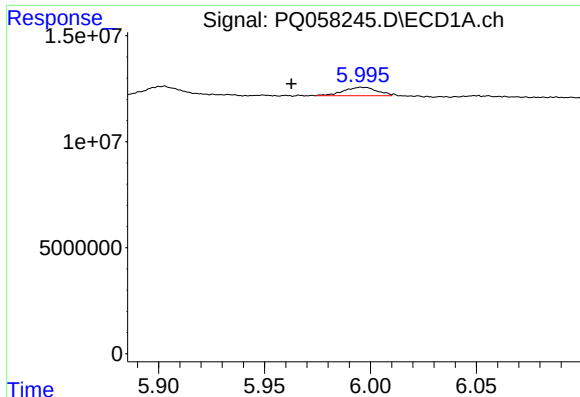
#4 AR-1016-2

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 2360884
Conc: 3.52 ng/ml



#4 AR-1016-2

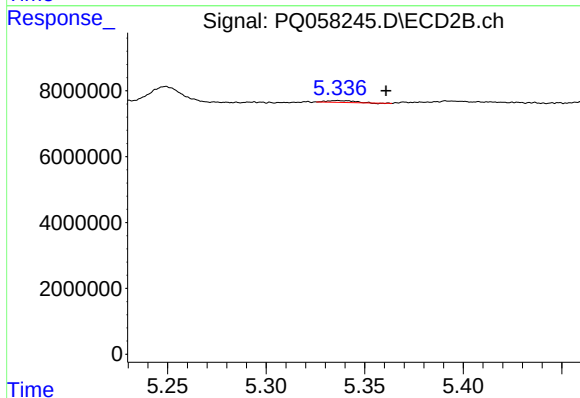
R.T.: 5.187 min
Delta R.T.: 0.006 min
Response: 5926884
Conc: 8.38 ng/ml



#5 AR-1016-3

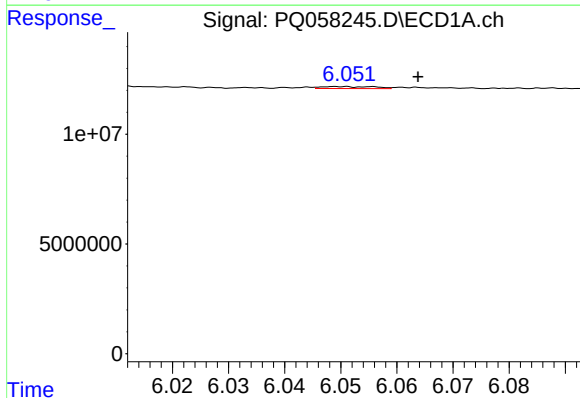
R.T.: 5.996 min
Delta R.T.: 0.033 min
Response: 4381096
Conc: 10.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



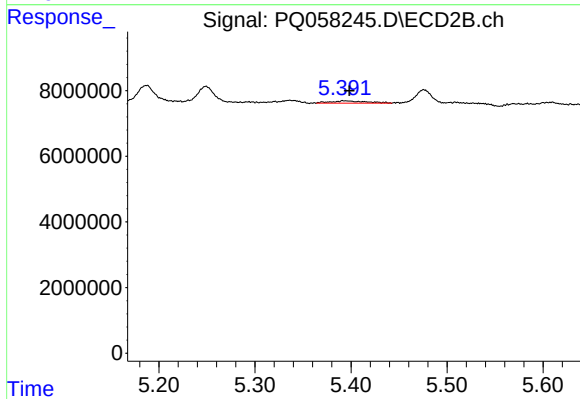
#5 AR-1016-3

R.T.: 5.337 min
Delta R.T.: -0.024 min
Response: 508820
Conc: 1.38 ng/ml



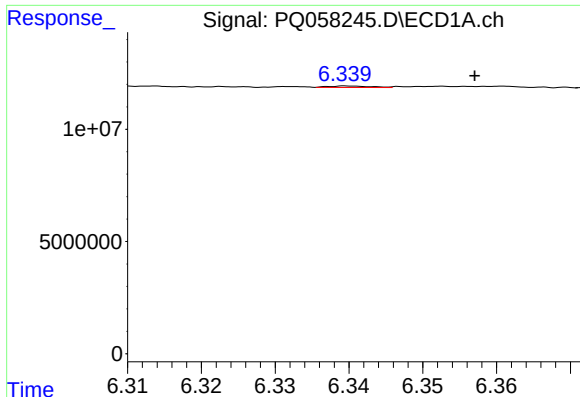
#6 AR-1016-4

R.T.: 6.051 min
Delta R.T.: -0.012 min
Response: 595173
Conc: 1.69 ng/ml



#6 AR-1016-4

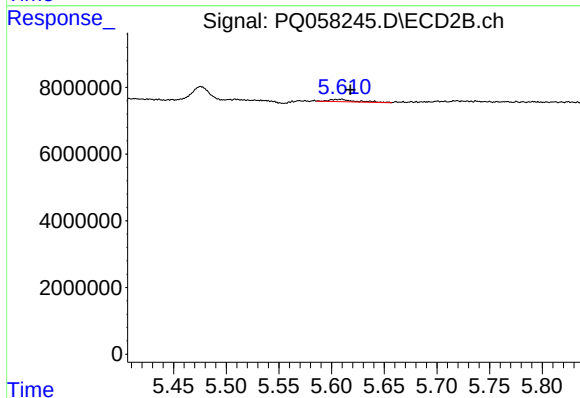
R.T.: 5.394 min
Delta R.T.: -0.004 min
Response: 1822463
Conc: 6.19 ng/ml



#7 AR-1016-5

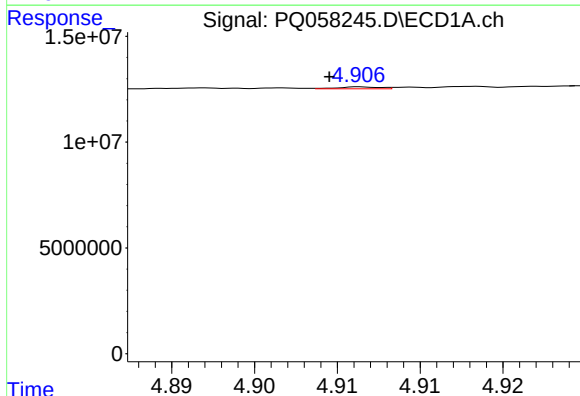
R.T.: 6.340 min
Delta R.T.: -0.017 min
Response: 239779
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



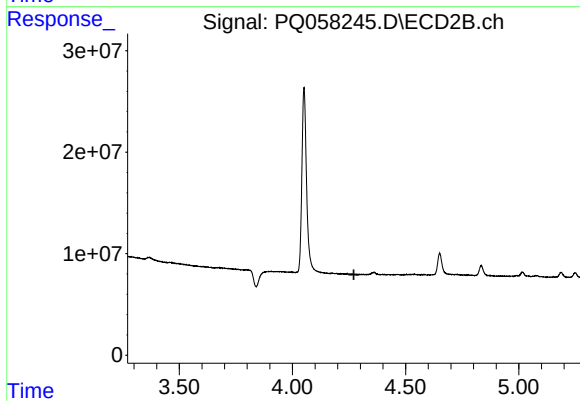
#7 AR-1016-5

R.T.: 5.608 min
Delta R.T.: -0.010 min
Response: 1115857
Conc: 2.92 ng/ml



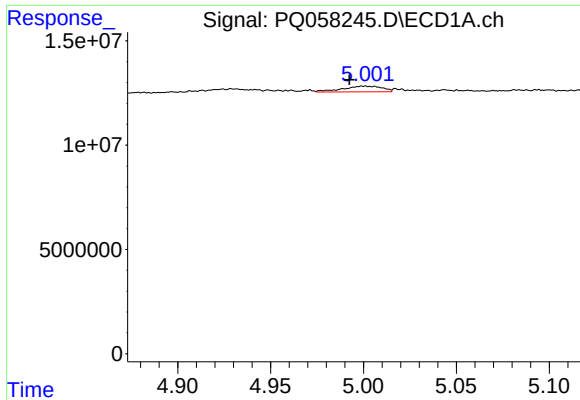
#8 AR-1221-1

R.T.: 4.907 min
Delta R.T.: 0.002 min
Response: 152476
Conc: 0.98 ng/ml



#8 AR-1221-1

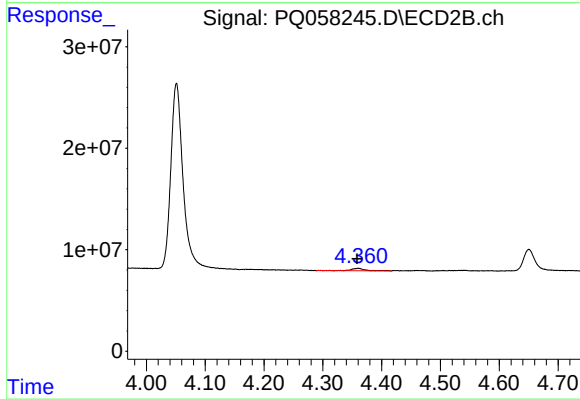
R.T.: 0.000 min
Exp R.T. : 4.272 min
Response: 0
Conc: N.D.



#9 AR-1221-2

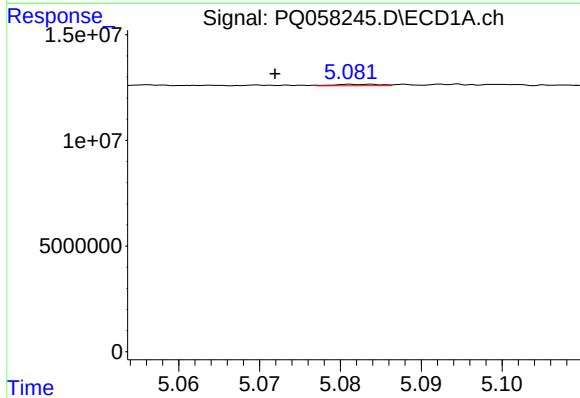
R.T.: 5.001 min
Delta R.T.: 0.009 min
Response: 4095404
Conc: 35.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



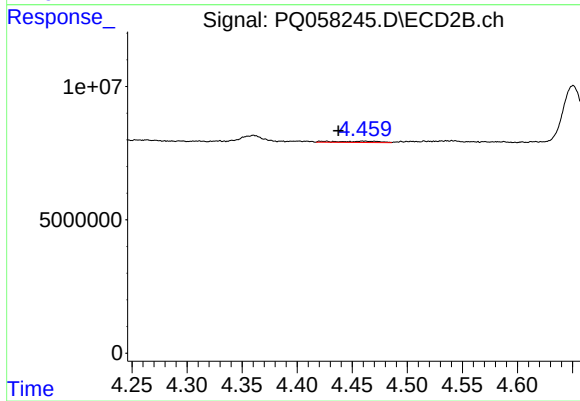
#9 AR-1221-2

R.T.: 4.360 min
Delta R.T.: 0.001 min
Response: 3811705
Conc: 33.63 ng/ml



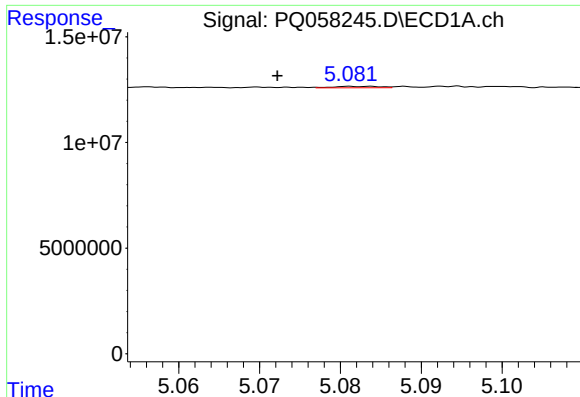
#10 AR-1221-3

R.T.: 5.081 min
Delta R.T.: 0.009 min
Response: 262182
Conc: 0.71 ng/ml



#10 AR-1221-3

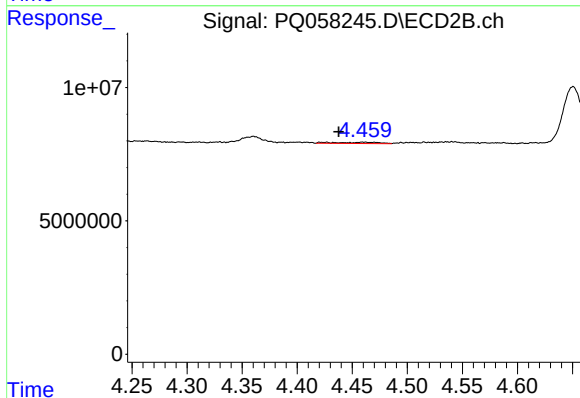
R.T.: 4.461 min
Delta R.T.: 0.023 min
Response: 1310839
Conc: 3.42 ng/ml



#11 AR-1232-1

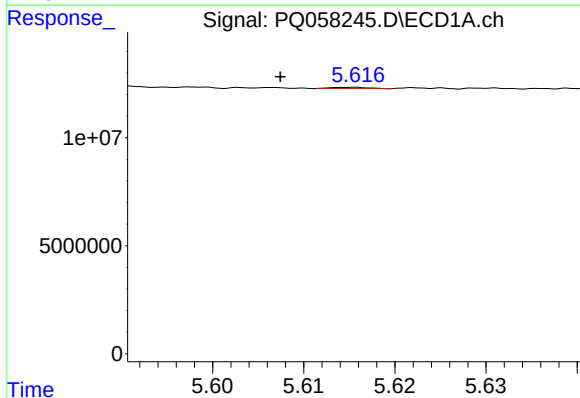
R.T.: 5.081 min
Delta R.T.: 0.009 min
Response: 262182
Conc: 0.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



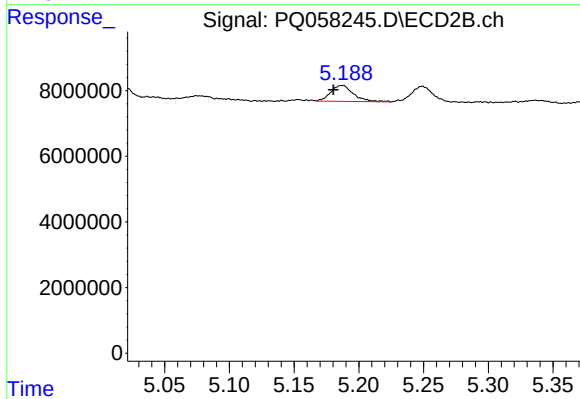
#11 AR-1232-1

R.T.: 4.461 min
Delta R.T.: 0.023 min
Response: 1310839
Conc: 4.44 ng/ml



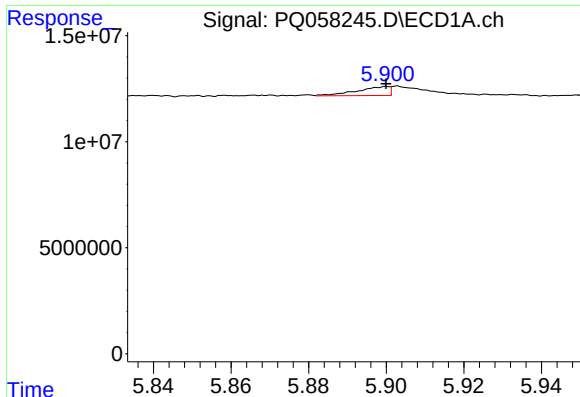
#12 AR-1232-2

R.T.: 5.616 min
Delta R.T.: 0.008 min
Response: 155850
Conc: 1.13 ng/ml



#12 AR-1232-2

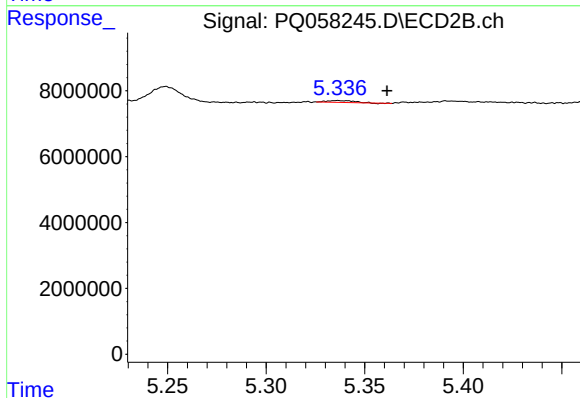
R.T.: 5.187 min
Delta R.T.: 0.006 min
Response: 5926884
Conc: 20.75 ng/ml



#13 AR-1232-3

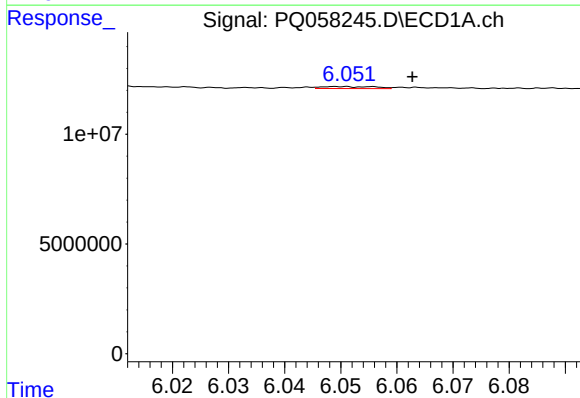
R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 2360884
Conc: 8.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



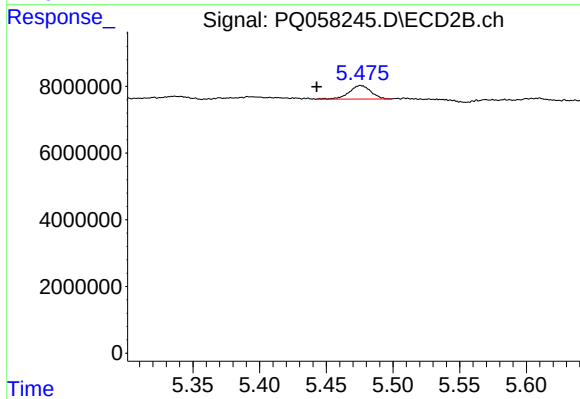
#13 AR-1232-3

R.T.: 5.337 min
Delta R.T.: -0.024 min
Response: 508820
Conc: 3.47 ng/ml



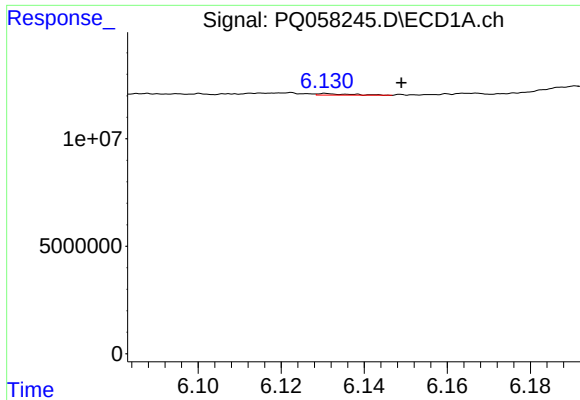
#14 AR-1232-4

R.T.: 6.051 min
Delta R.T.: -0.011 min
Response: 595173
Conc: 4.24 ng/ml



#14 AR-1232-4

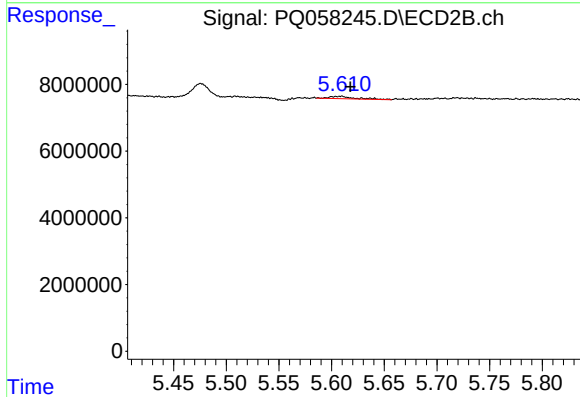
R.T.: 5.476 min
Delta R.T.: 0.033 min
Response: 4580471
Conc: 34.85 ng/ml



#15 AR-1232-5

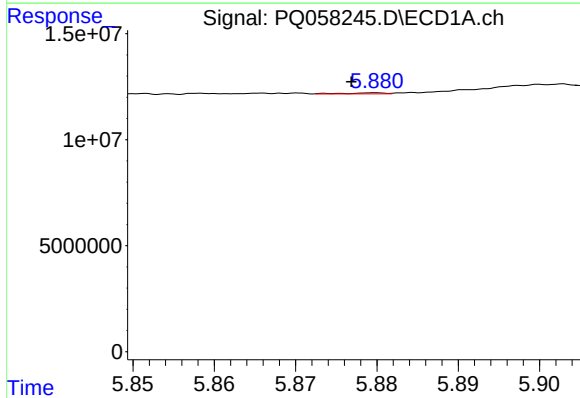
R.T.: 6.131 min
Delta R.T.: -0.018 min
Response: 390529
Conc: 4.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



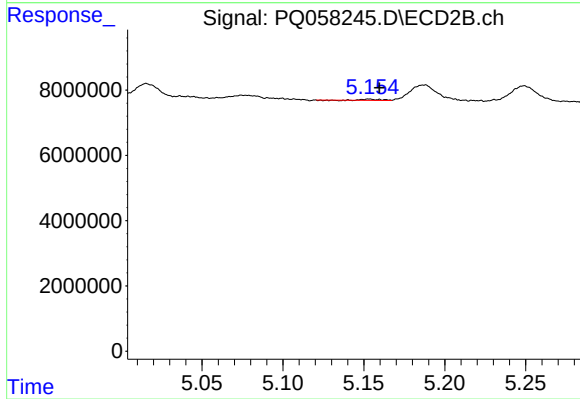
#15 AR-1232-5

R.T.: 5.608 min
Delta R.T.: -0.010 min
Response: 1115857
Conc: 7.57 ng/ml



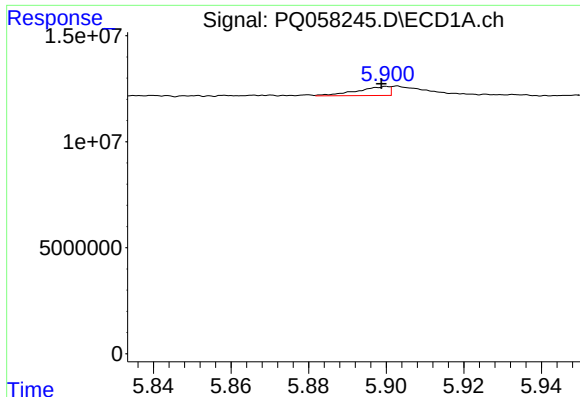
#16 AR-1242-1

R.T.: 5.880 min
Delta R.T.: 0.003 min
Response: 162651
Conc: 0.51 ng/ml



#16 AR-1242-1

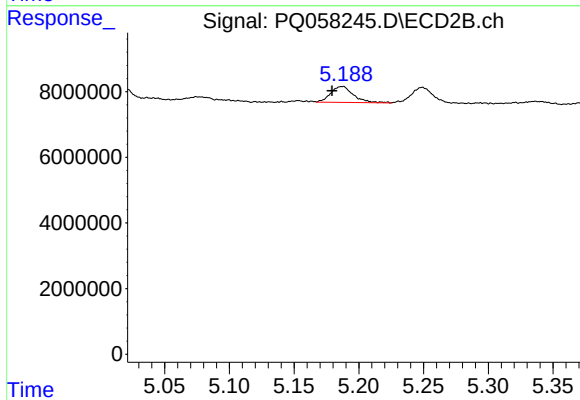
R.T.: 5.153 min
Delta R.T.: -0.007 min
Response: 221527
Conc: 0.55 ng/ml



#17 AR-1242-2

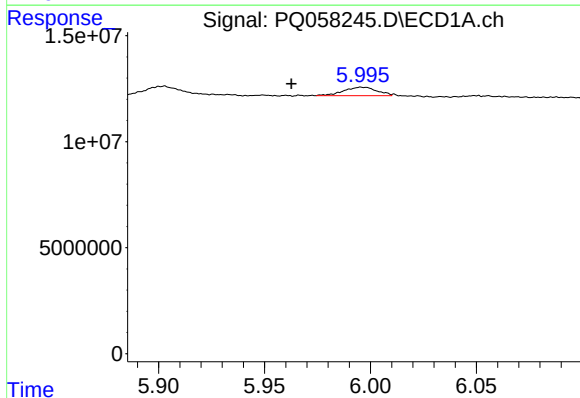
R.T.: 5.900 min
Delta R.T.: 0.001 min
Response: 2360884
Conc: 4.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



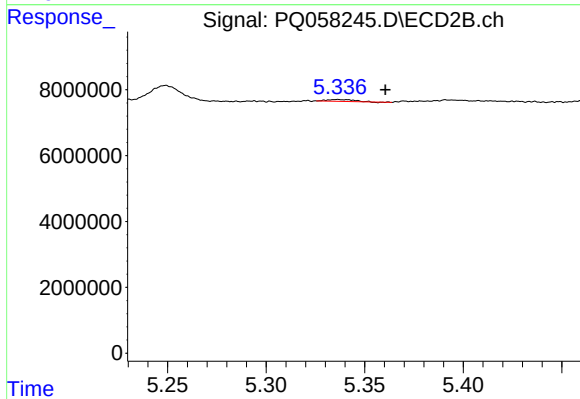
#17 AR-1242-2

R.T.: 5.187 min
Delta R.T.: 0.007 min
Response: 5926884
Conc: 10.27 ng/ml



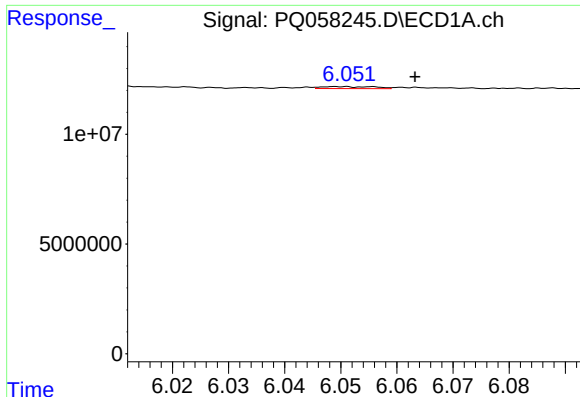
#18 AR-1242-3

R.T.: 5.996 min
Delta R.T.: 0.033 min
Response: 4381096
Conc: 13.03 ng/ml



#18 AR-1242-3

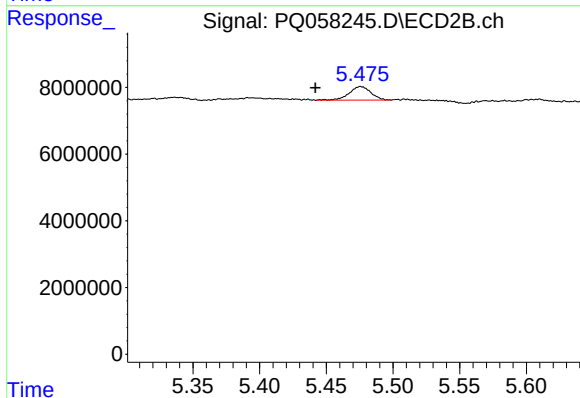
R.T.: 5.337 min
Delta R.T.: -0.023 min
Response: 508820
Conc: 1.68 ng/ml



#19 AR-1242-4

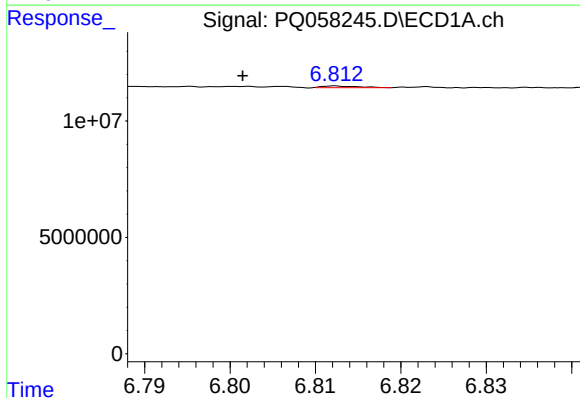
R.T.: 6.051 min
Delta R.T.: -0.012 min
Response: 595173
Conc: 2.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



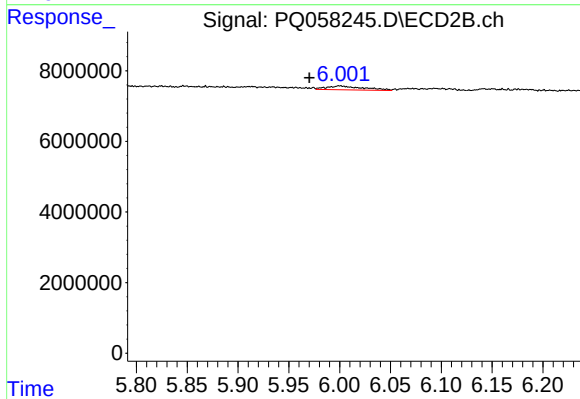
#19 AR-1242-4

R.T.: 5.476 min
Delta R.T.: 0.034 min
Response: 4580471
Conc: 15.63 ng/ml



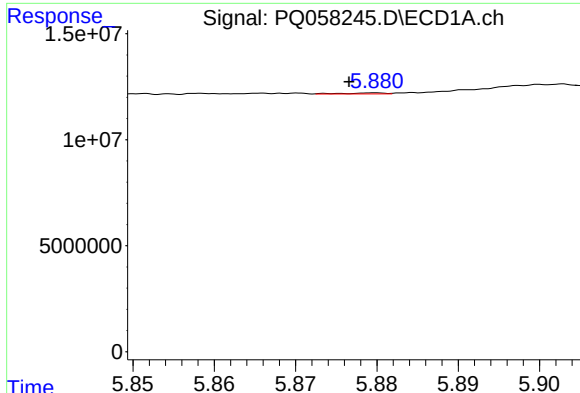
#20 AR-1242-5

R.T.: 6.813 min
Delta R.T.: 0.011 min
Response: 211047
Conc: 0.76 ng/ml



#20 AR-1242-5

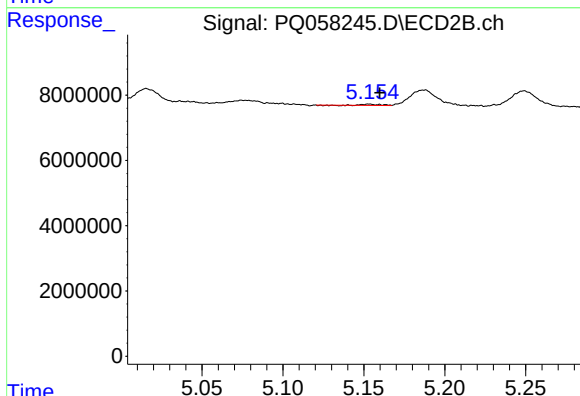
R.T.: 6.001 min
Delta R.T.: 0.030 min
Response: 2741323
Conc: 7.33 ng/ml



#21 AR-1248-1

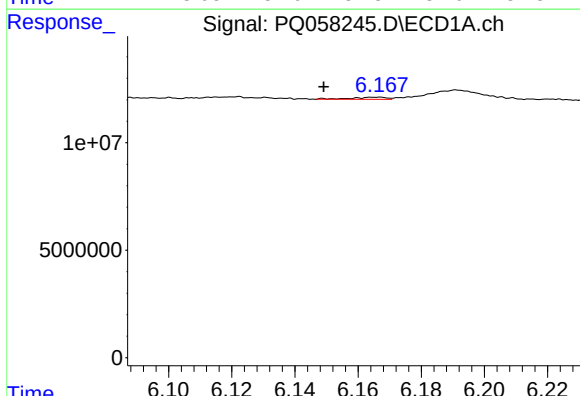
R.T.: 5.880 min
Delta R.T.: 0.003 min
Response: 162651
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



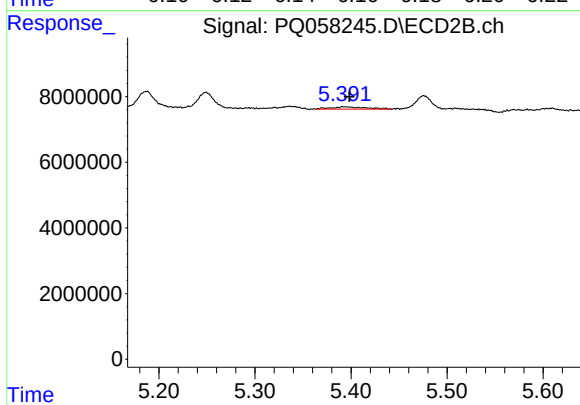
#21 AR-1248-1

R.T.: 5.153 min
Delta R.T.: -0.007 min
Response: 221527
Conc: 0.71 ng/ml



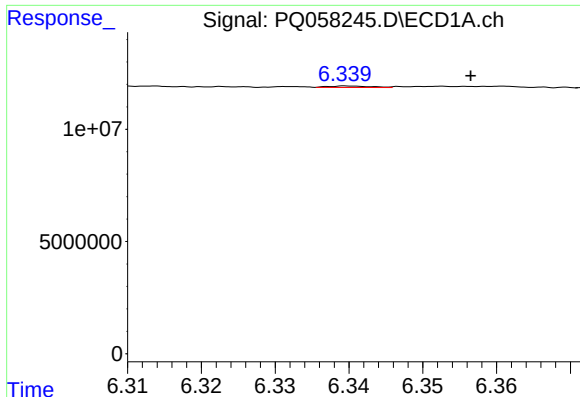
#22 AR-1248-2

R.T.: 6.167 min
Delta R.T.: 0.018 min
Response: 744820
Conc: 2.30 ng/ml



#22 AR-1248-2

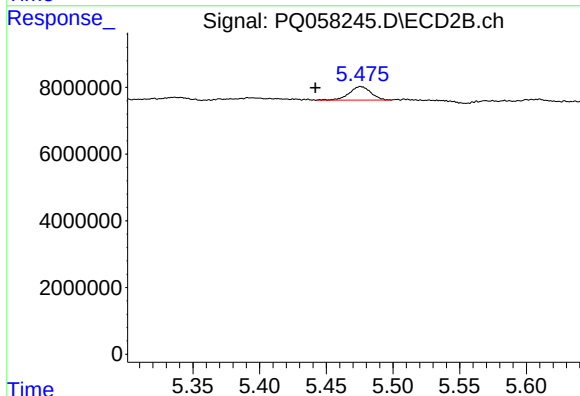
R.T.: 5.394 min
Delta R.T.: -0.004 min
Response: 1822463
Conc: 4.33 ng/ml



#23 AR-1248-3

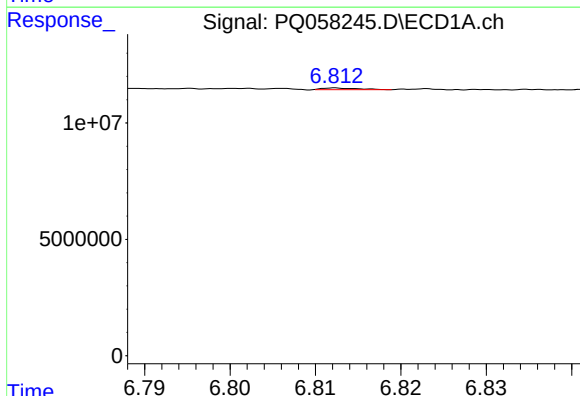
R.T.: 6.340 min
Delta R.T.: -0.017 min
Response: 239779
Conc: 0.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



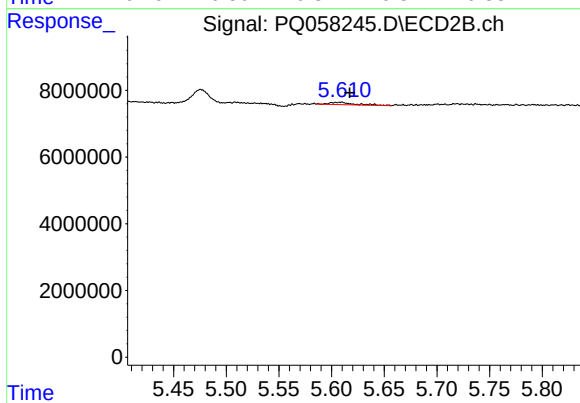
#23 AR-1248-3

R.T.: 5.476 min
Delta R.T.: 0.034 min
Response: 4580471
Conc: 10.41 ng/ml



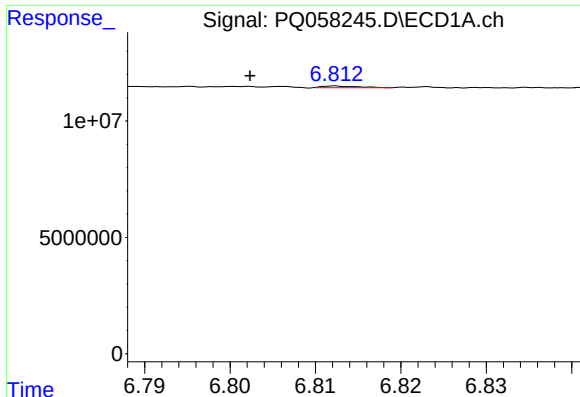
#24 AR-1248-4

R.T.: 6.813 min
Delta R.T.: 0.049 min
Response: 211047
Conc: 0.46 ng/ml



#24 AR-1248-4

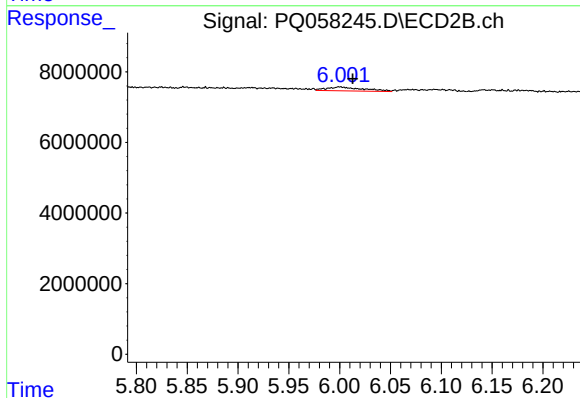
R.T.: 5.608 min
Delta R.T.: -0.010 min
Response: 1115857
Conc: 2.12 ng/ml



#25 AR-1248-5

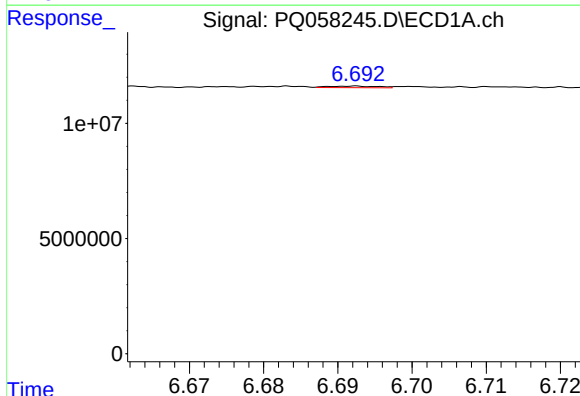
R.T.: 6.813 min
Delta R.T.: 0.010 min
Response: 211047
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



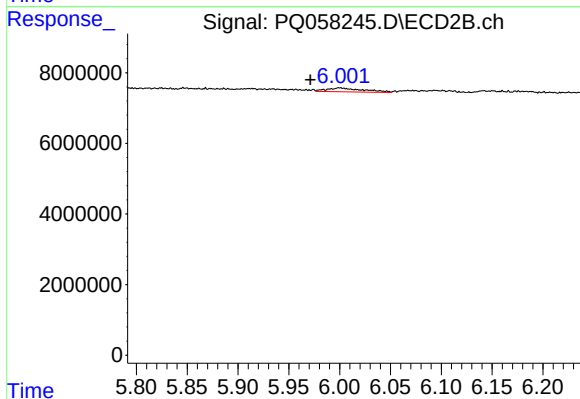
#25 AR-1248-5

R.T.: 6.001 min
Delta R.T.: -0.012 min
Response: 2741323
Conc: 5.22 ng/ml



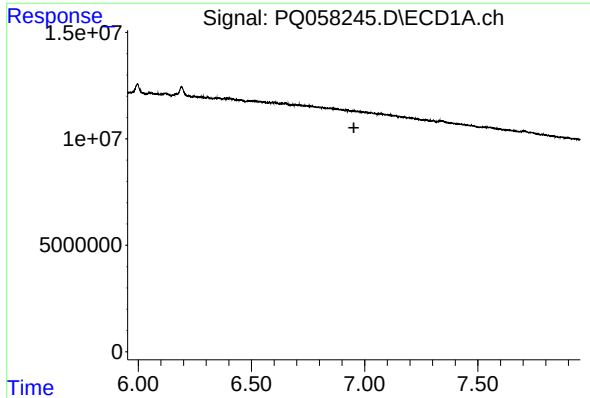
#26 AR-1254-1

R.T.: 6.693 min
Delta R.T.: -0.042 min
Response: 327436
Conc: 0.76 ng/ml



#26 AR-1254-1

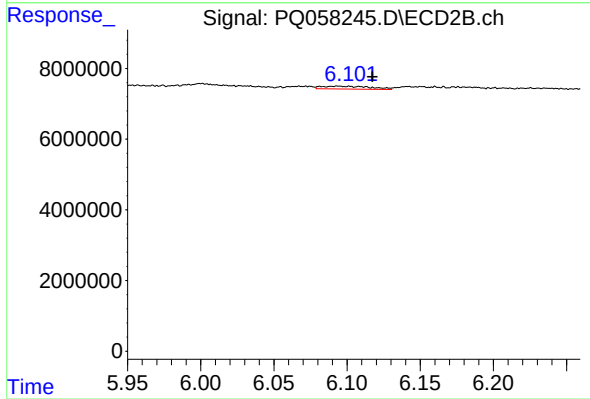
R.T.: 6.001 min
Delta R.T.: 0.029 min
Response: 2741323
Conc: 3.42 ng/ml



#27 AR-1254-2

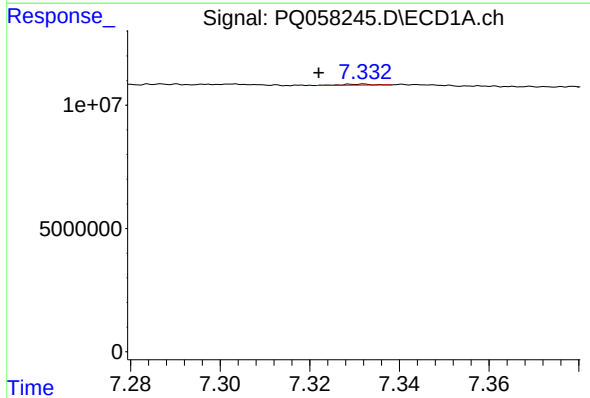
R.T.: 0.000 min
Exp R.T.: 6.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



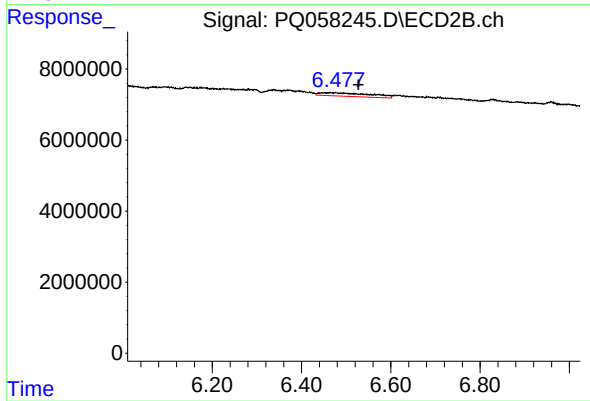
#27 AR-1254-2

R.T.: 6.094 min
Delta R.T.: -0.024 min
Response: 1921494
Conc: 2.77 ng/ml



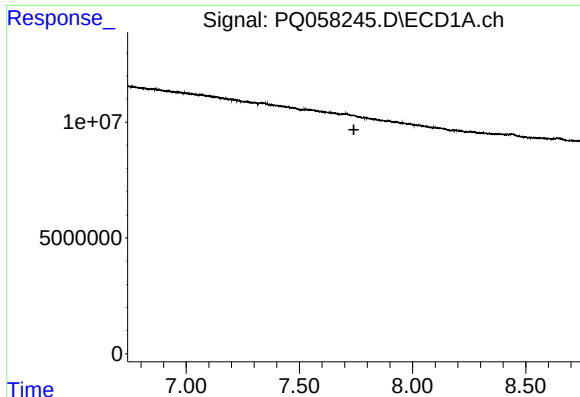
#28 AR-1254-3

R.T.: 7.332 min
Delta R.T.: 0.010 min
Response: 201188
Conc: 0.24 ng/ml



#28 AR-1254-3

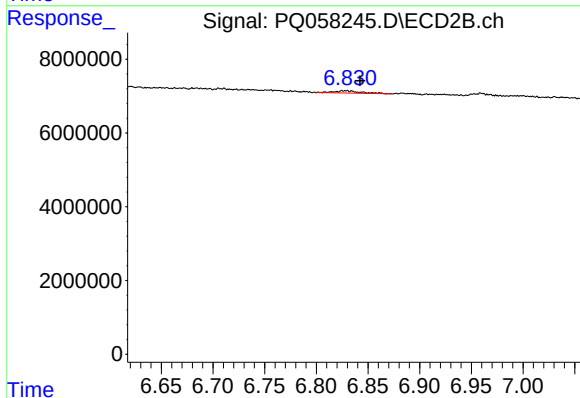
R.T.: 6.476 min
Delta R.T.: -0.051 min
Response: 7652233
Conc: 6.69 ng/ml



#32 AR-1260-2

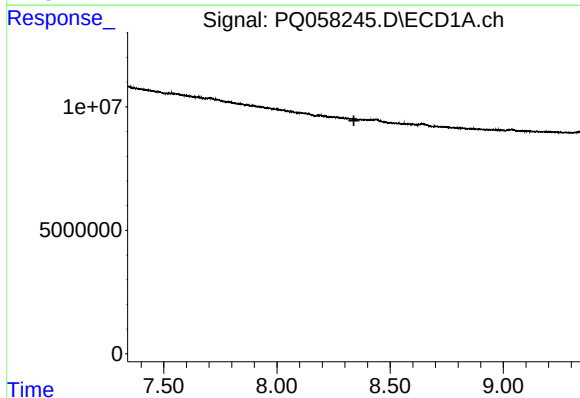
R.T.: 0.000 min
Exp R.T.: 7.741 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



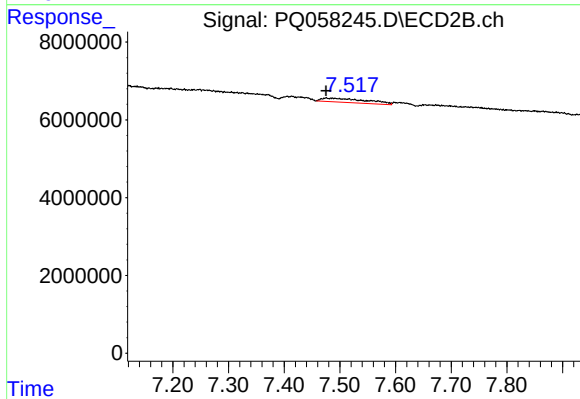
#32 AR-1260-2

R.T.: 6.828 min
Delta R.T.: -0.014 min
Response: 1112416
Conc: 1.38 ng/ml



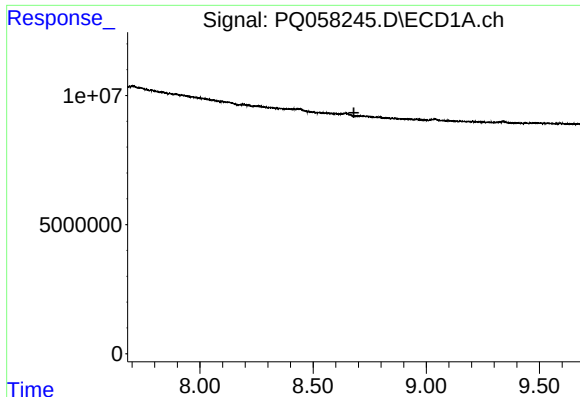
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.340 min
Response: 0
Conc: N.D.



#34 AR-1260-4

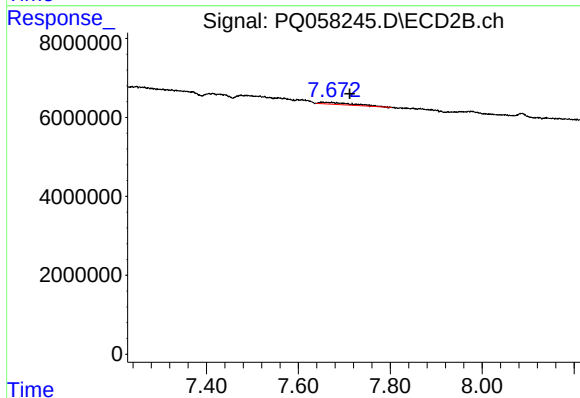
R.T.: 7.476 min
Delta R.T.: 0.001 min
Response: 5708525
Conc: 9.03 ng/ml



#35 AR-1260-5

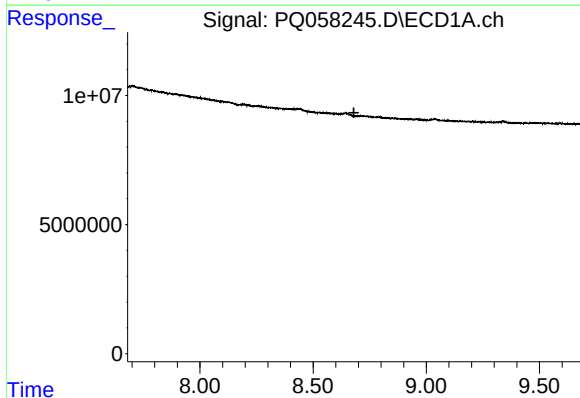
R.T.: 0.000 min
Exp R.T.: 8.680 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



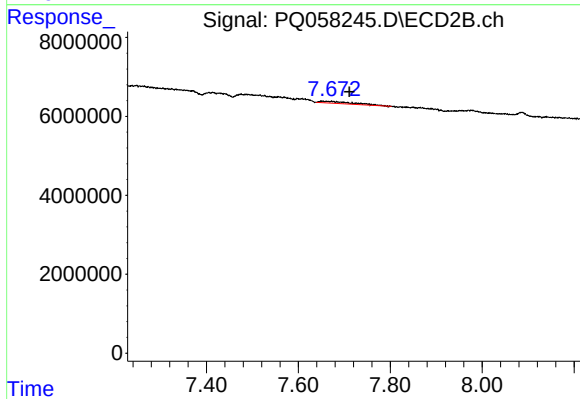
#35 AR-1260-5

R.T.: 7.652 min
Delta R.T.: -0.059 min
Response: 1850822
Conc: 1.25 ng/ml



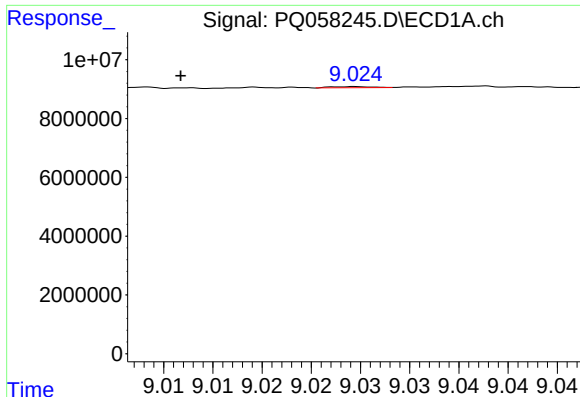
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.680 min
Response: 0
Conc: N.D.



#37 AR-1262-2

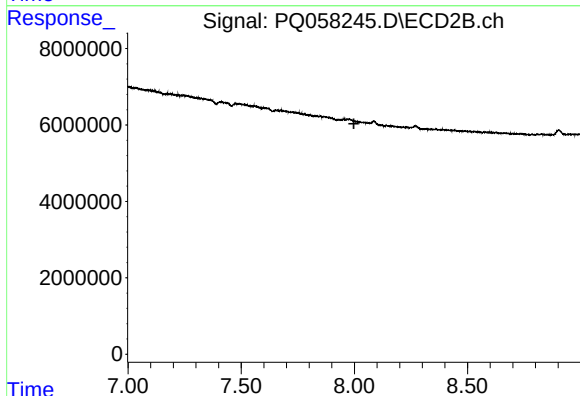
R.T.: 7.652 min
Delta R.T.: -0.059 min
Response: 1850822
Conc: 1.05 ng/ml



#38 AR-1262-3

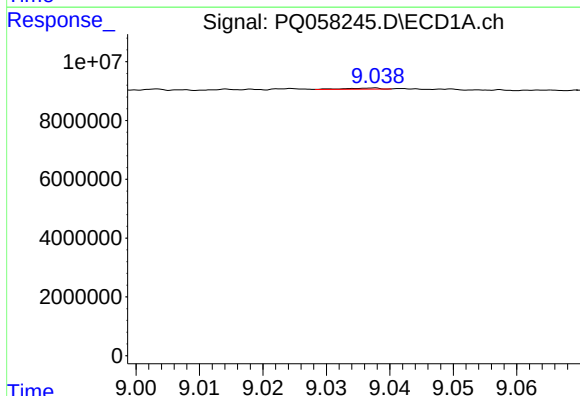
R.T.: 9.025 min
Delta R.T.: 0.018 min
Response: 110600
Conc: 0.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



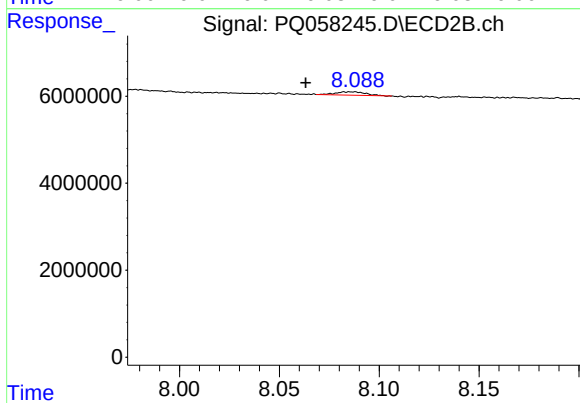
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.998 min
Response: 0
Conc: N.D.



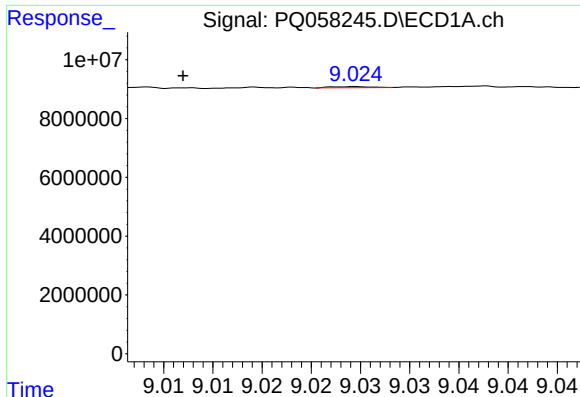
#39 AR-1262-4

R.T.: 9.038 min
Delta R.T.: -0.069 min
Response: 147713
Conc: 0.24 ng/ml



#39 AR-1262-4

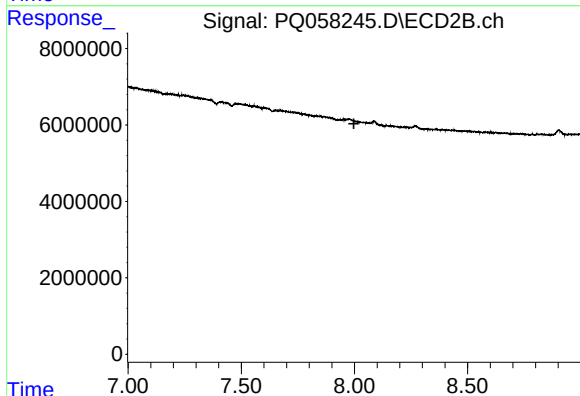
R.T.: 8.086 min
Delta R.T.: 0.023 min
Response: 667732
Conc: 0.53 ng/ml



#41 AR-1268-1

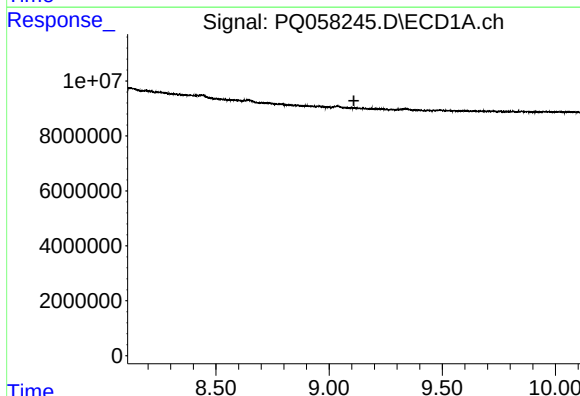
R.T.: 9.025 min
Delta R.T.: 0.018 min
Response: 110600
Conc: 0.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



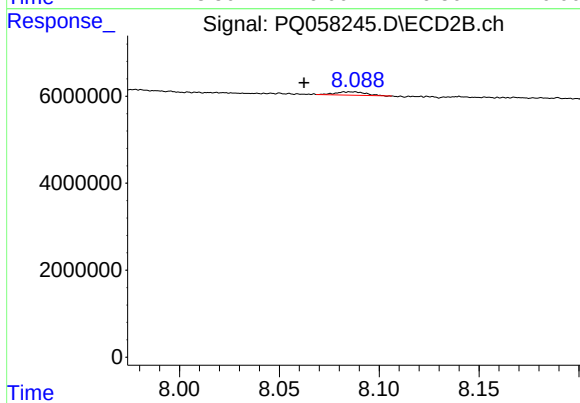
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.997 min
Response: 0
Conc: N.D.



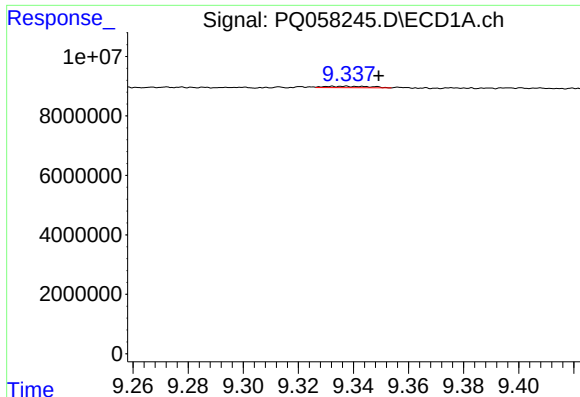
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.109 min
Response: 0
Conc: N.D.



#42 AR-1268-2

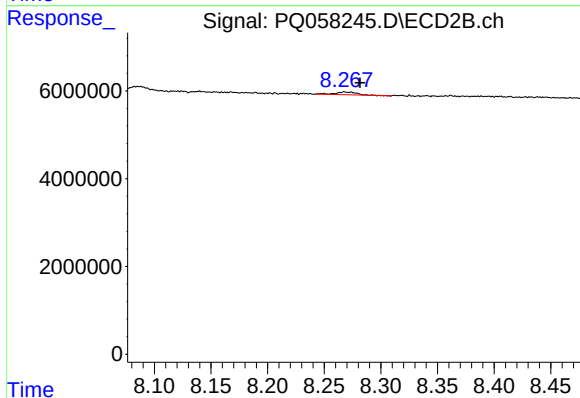
R.T.: 8.086 min
Delta R.T.: 0.023 min
Response: 667732
Conc: 0.37 ng/ml



#43 AR-1268-3

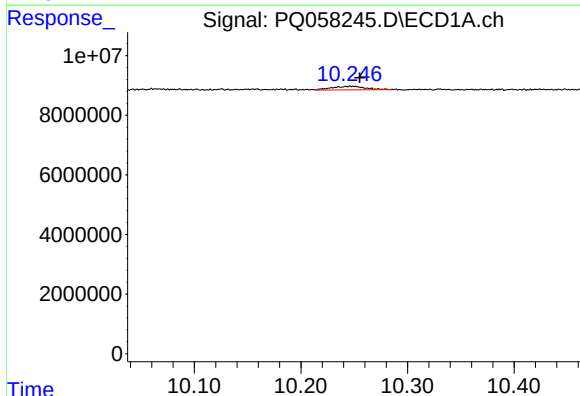
R.T.: 9.338 min
Delta R.T.: -0.012 min
Response: 557676
Conc: 0.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



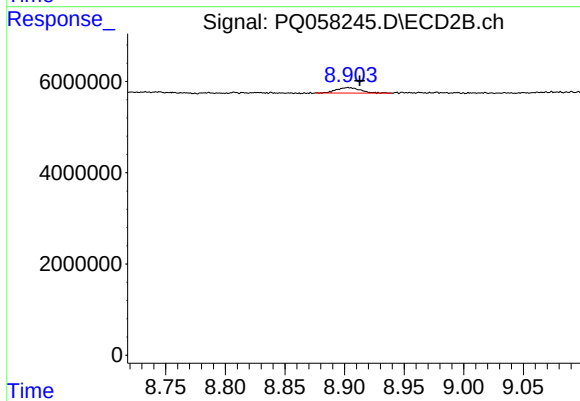
#43 AR-1268-3

R.T.: 8.269 min
Delta R.T.: -0.013 min
Response: 783440
Conc: 0.50 ng/ml



#45 AR-1268-5

R.T.: 10.246 min
Delta R.T.: -0.009 min
Response: 2570545
Conc: 0.46 ng/ml



#45 AR-1268-5

R.T.: 8.903 min
Delta R.T.: -0.010 min
Response: 1633161
Conc: 0.37 ng/ml