

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082823\
 Data File : PQ063231.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2023 15:08
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 17:46:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 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...	3.462	2.783	91672983	77522146	17.060	18.796
2) SA Decachlor...	8.701	7.595	83360917	98170550	21.530	22.696
Target Compounds						
3) L1 AR-1016-1	4.579	3.793	57276	327080	0.294	2.052 #
4) L1 AR-1016-2	4.579	3.816	57276	170334	0.206	0.797 #
5) L1 AR-1016-3	4.635	3.969	63191	558082	0.370	4.668 #
6) L1 AR-1016-4	0.000	4.032	0	1197380	N.D.	12.341 #
7) L1 AR-1016-5	0.000	4.226	0	7006283	N.D.	55.676 #
8) L2 AR-1221-1	3.671	2.980	429467	256757	6.311	4.679 #
9) L2 AR-1221-2	3.744	3.054	1482767	823418	31.078	21.830 #
10) L2 AR-1221-3	3.796	3.145	1018385	987838	6.599	8.210
11) L3 AR-1232-1	3.796	3.145	1018385	987838	7.882	10.138 #
12) L3 AR-1232-2	4.285	3.816	398536	170334	5.714	1.751 #
13) L3 AR-1232-3	4.579	3.969	57276	558082	0.469	10.511 #
14) L3 AR-1232-4	0.000	4.060	0	2158535	N.D.	47.029 #
15) L3 AR-1232-5	4.831	4.226	413534	7006283	9.475	129.213 #
16) L4 AR-1242-1	4.579	3.793	57276	327080	0.339	2.265 #
17) L4 AR-1242-2	4.579	3.816	57276	170334	0.238	0.897 #
18) L4 AR-1242-3	4.635	3.969	63191	558082	0.431	5.171 #
19) L4 AR-1242-4	4.786f	4.060	53470	2158535	0.432	21.666 #
20) L4 AR-1242-5	0.000	4.582	0	10758929	N.D.	79.575 #
21) L5 AR-1248-1	4.579	3.793	57276	327080	0.430	2.928 #
22) L5 AR-1248-2	4.831	4.032	413534	1197380	2.366	7.582 #
23) L5 AR-1248-3	0.000	4.060	0	2158535	N.D.	14.154 #
24) L5 AR-1248-4	5.406	4.226	9950050	7006283	41.761	36.844
25) L5 AR-1248-5	0.000	4.582	0	10758929	N.D.	55.628 #
26) L6 AR-1254-1	5.406	4.582	9950050	10758929	45.433	40.099
27) L6 AR-1254-2	5.620	4.706	915241	3992306	2.703	17.009 #
28) L6 AR-1254-3	5.961	5.086	4773449	3747805	13.314	9.910 #
29) L6 AR-1254-4	6.274	5.301	2943063	769039	10.862	3.148 #
30) L6 AR-1254-5	6.680	5.735	409220	623635	1.480	1.807
31) L7 AR-1260-1	6.141	5.231	1687939	412597	6.603	1.653 #
32) L7 AR-1260-2	6.404	5.411	1011401	323976	3.332	1.052 #
33) L7 AR-1260-3	0.000	5.551	0	577880	N.D.	1.865 #
34) L7 AR-1260-4	6.994	6.050	462306	1010854	1.929	4.122 #
35) L7 AR-1260-5	0.000	6.258	0	1764800	N.D.	3.229 #
36) L8 AR-1262-1	0.000	5.843	0	308014	N.D.	2.157 #
37) L8 AR-1262-2	0.000	6.050f	0	1010854	N.D.	3.235 #
38) L8 AR-1262-3	7.566	6.539	198983	1032876	0.551	4.097 #
39) L8 AR-1262-4	0.000	6.606	0	776665	N.D.	1.661 #
40) L8 AR-1262-5	8.095f	7.128	159525	334749	0.849	1.523 #
41) L9 AR-1268-1	7.566	6.539	198983	1032876	0.308	1.384 #

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 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

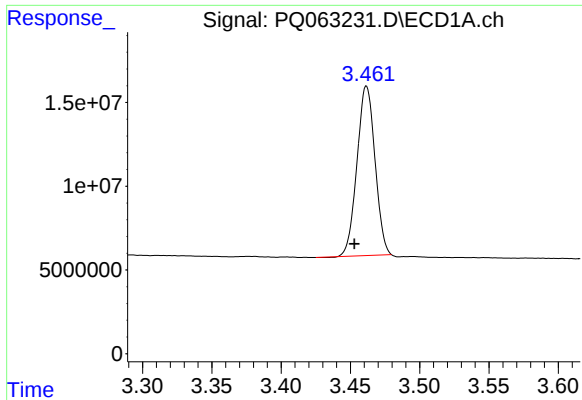
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 17:46:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
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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	6.606	0	776665	N.D.	1.131 #
43) L9	AR-1268-3	7.828	6.813	119787	887582	0.243	1.512 #
44) L9	AR-1268-4	8.194f	7.128	55979	334749	0.261	1.315 #
45) L9	AR-1268-5	8.457	7.375	783095	1842982	0.508	1.040 #

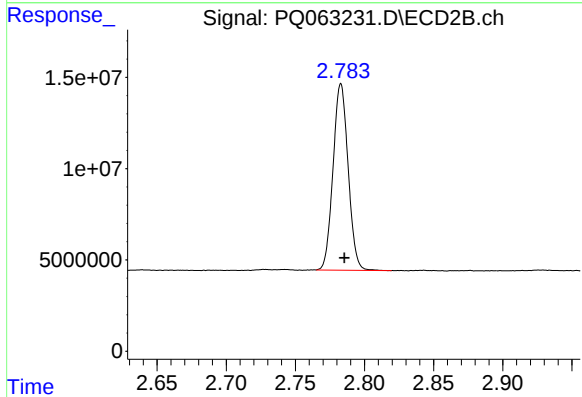
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

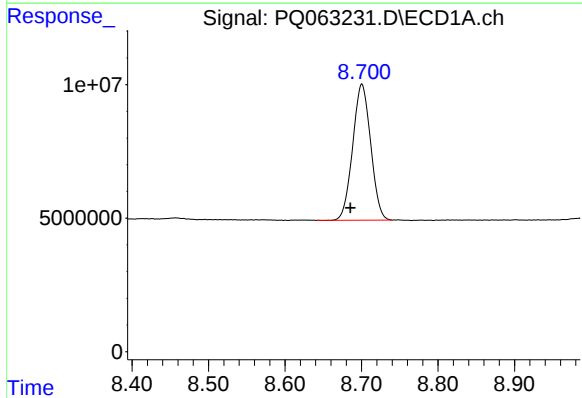
R.T.: 3.462 min
Delta R.T.: 0.009 min
Response: 91672983
Conc: 17.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



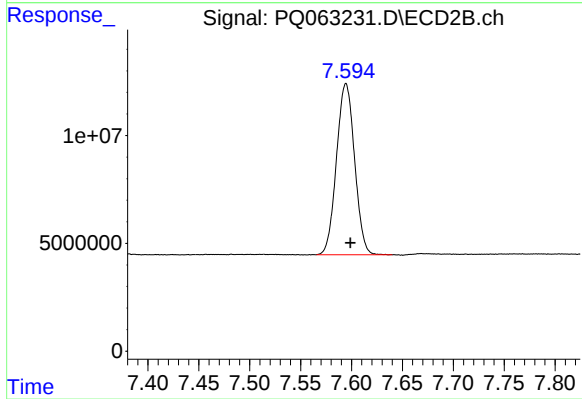
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.002 min
Response: 77522146
Conc: 18.80 ng/ml



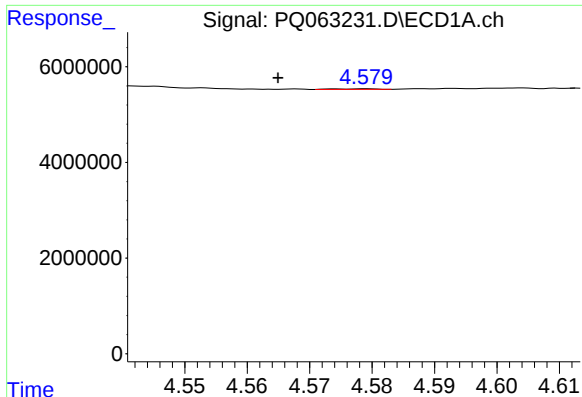
#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: 0.015 min
Response: 83360917
Conc: 21.53 ng/ml



#2 Decachlorobiphenyl

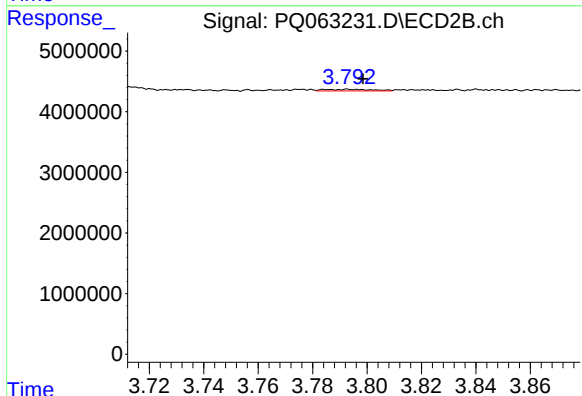
R.T.: 7.595 min
Delta R.T.: -0.004 min
Response: 98170550
Conc: 22.70 ng/ml



#3 AR-1016-1

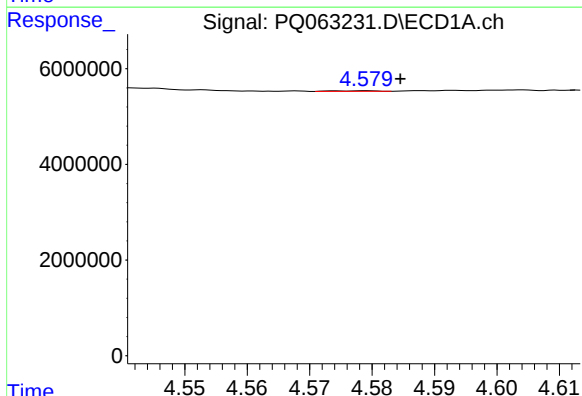
R.T.: 4.579 min
Delta R.T.: 0.014 min
Response: 57276
Conc: 0.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



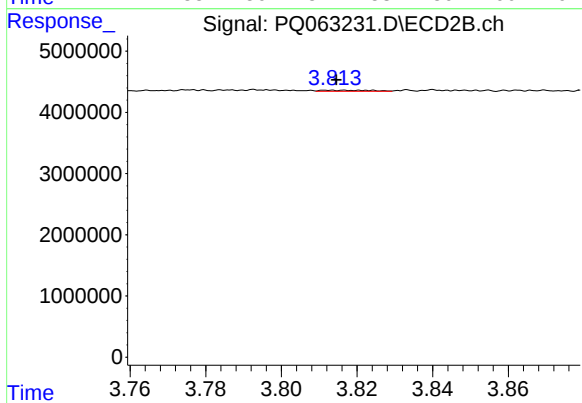
#3 AR-1016-1

R.T.: 3.793 min
Delta R.T.: -0.005 min
Response: 327080
Conc: 2.05 ng/ml



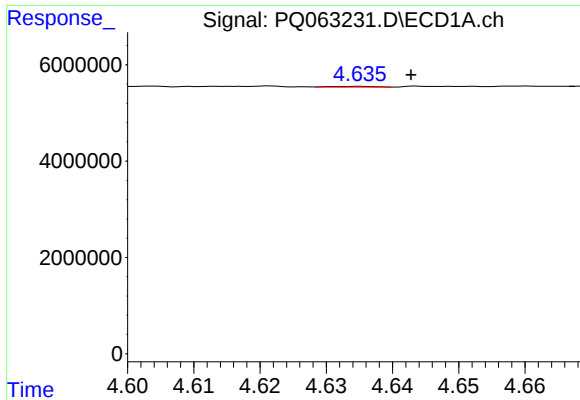
#4 AR-1016-2

R.T.: 4.579 min
Delta R.T.: -0.006 min
Response: 57276
Conc: 0.21 ng/ml



#4 AR-1016-2

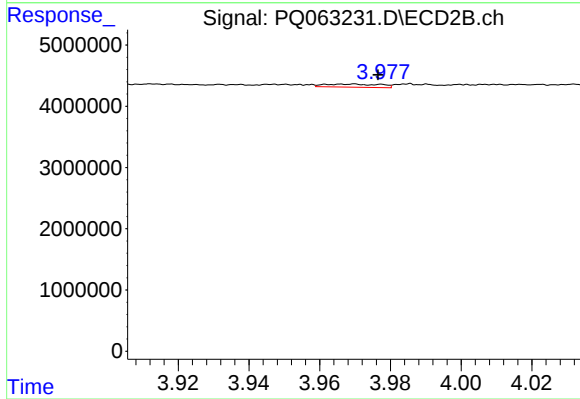
R.T.: 3.816 min
Delta R.T.: 0.002 min
Response: 170334
Conc: 0.80 ng/ml



#5 AR-1016-3

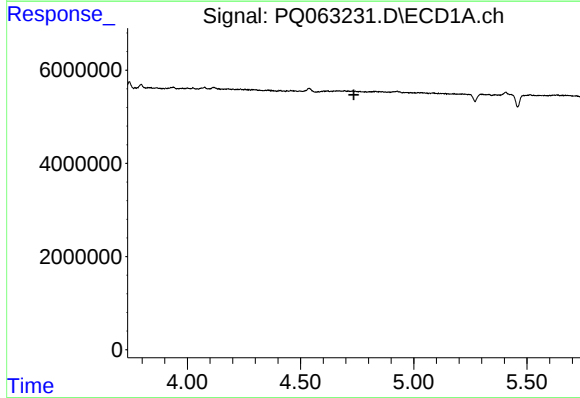
R.T.: 4.635 min
Delta R.T.: -0.008 min
Response: 63191
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



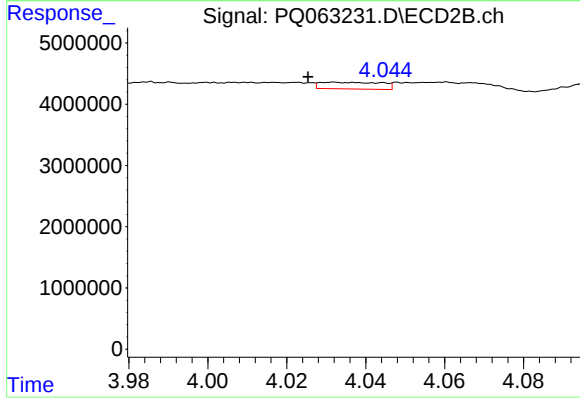
#5 AR-1016-3

R.T.: 3.969 min
Delta R.T.: -0.007 min
Response: 558082
Conc: 4.67 ng/ml



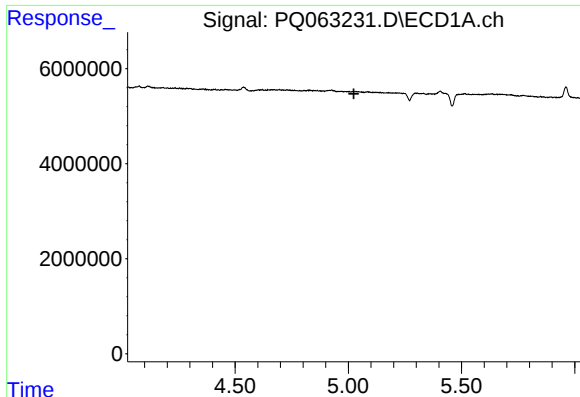
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 4.735 min
Response: 0
Conc: N.D.



#6 AR-1016-4

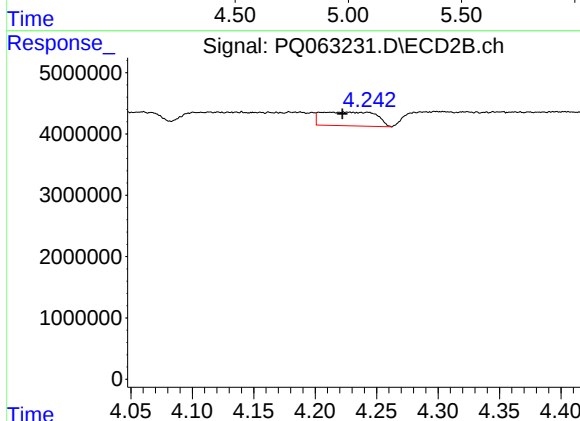
R.T.: 4.032 min
Delta R.T.: 0.006 min
Response: 1197380
Conc: 12.34 ng/ml



#7 AR-1016-5

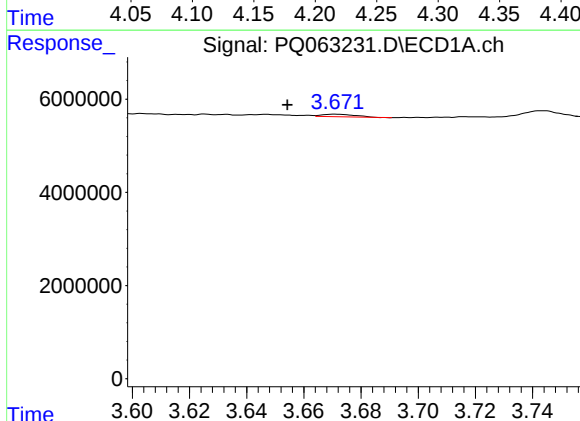
R.T.: 0.000 min
Exp R.T.: 5.025 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



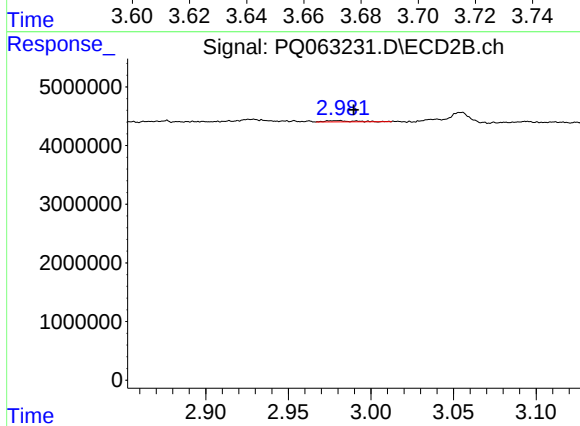
#7 AR-1016-5

R.T.: 4.226 min
Delta R.T.: 0.003 min
Response: 7006283
Conc: 55.68 ng/ml



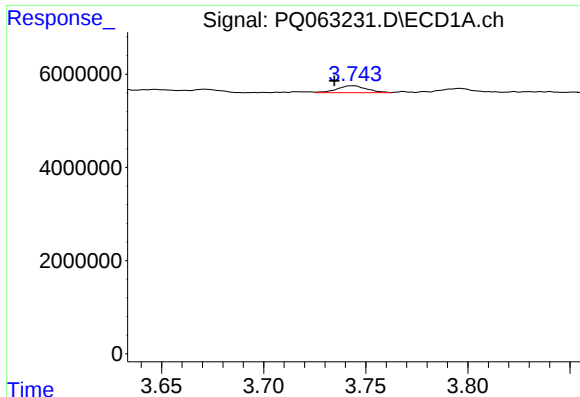
#8 AR-1221-1

R.T.: 3.671 min
Delta R.T.: 0.017 min
Response: 429467
Conc: 6.31 ng/ml



#8 AR-1221-1

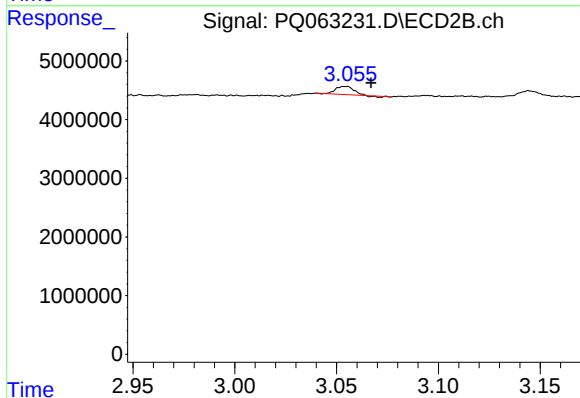
R.T.: 2.980 min
Delta R.T.: -0.009 min
Response: 256757
Conc: 4.68 ng/ml



#9 AR-1221-2

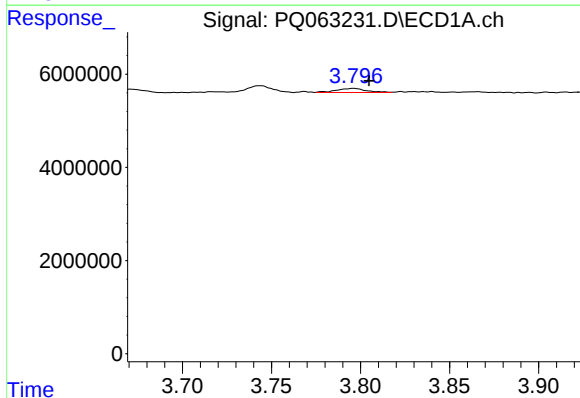
R.T.: 3.744 min
Delta R.T.: 0.009 min
Response: 1482767
Conc: 31.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



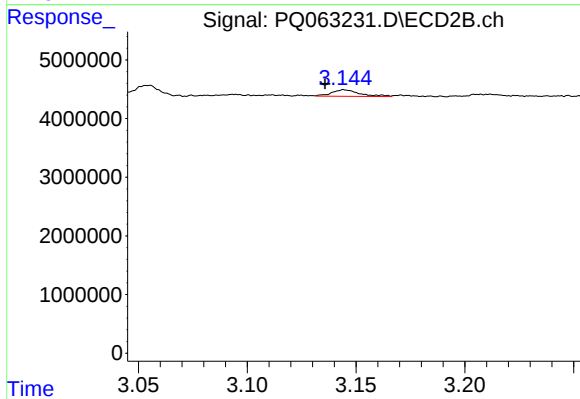
#9 AR-1221-2

R.T.: 3.054 min
Delta R.T.: -0.012 min
Response: 823418
Conc: 21.83 ng/ml



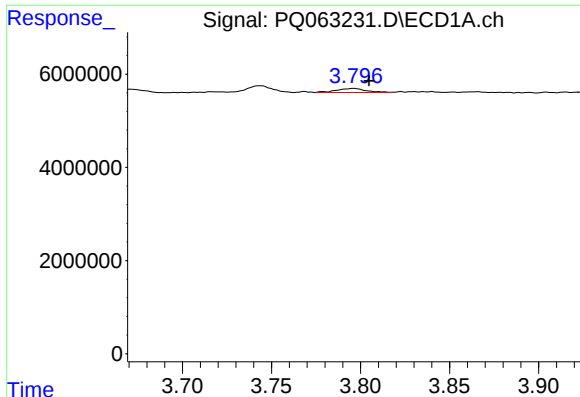
#10 AR-1221-3

R.T.: 3.796 min
Delta R.T.: -0.009 min
Response: 1018385
Conc: 6.60 ng/ml



#10 AR-1221-3

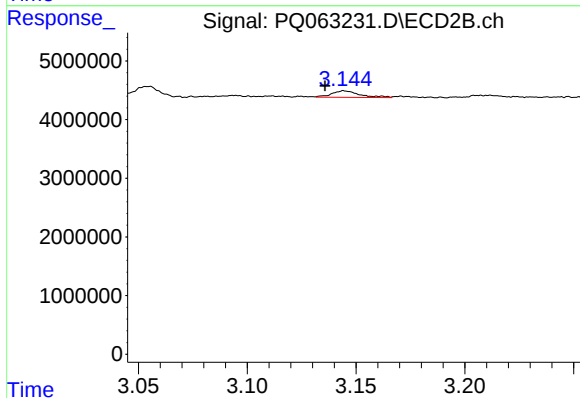
R.T.: 3.145 min
Delta R.T.: 0.009 min
Response: 987838
Conc: 8.21 ng/ml



#11 AR-1232-1

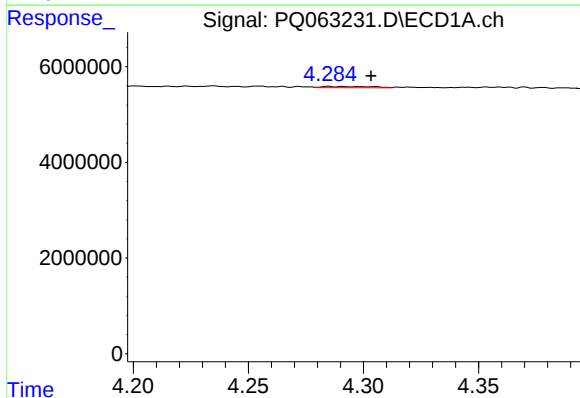
R.T.: 3.796 min
Delta R.T.: -0.009 min
Response: 1018385
Conc: 7.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



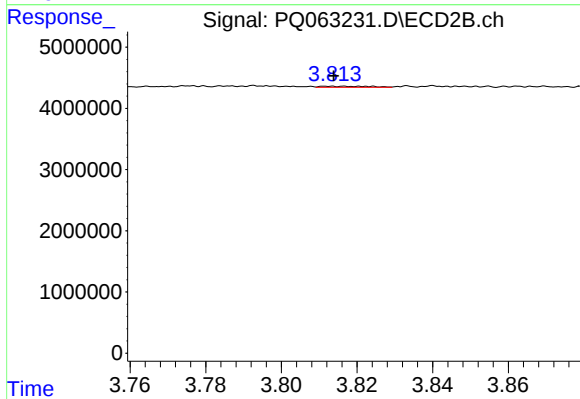
#11 AR-1232-1

R.T.: 3.145 min
Delta R.T.: 0.009 min
Response: 987838
Conc: 10.14 ng/ml



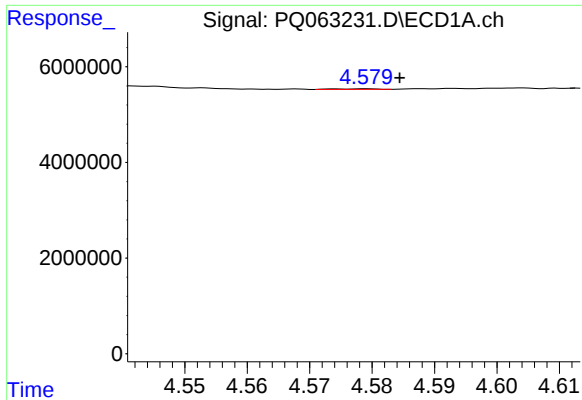
#12 AR-1232-2

R.T.: 4.285 min
Delta R.T.: -0.019 min
Response: 398536
Conc: 5.71 ng/ml



#12 AR-1232-2

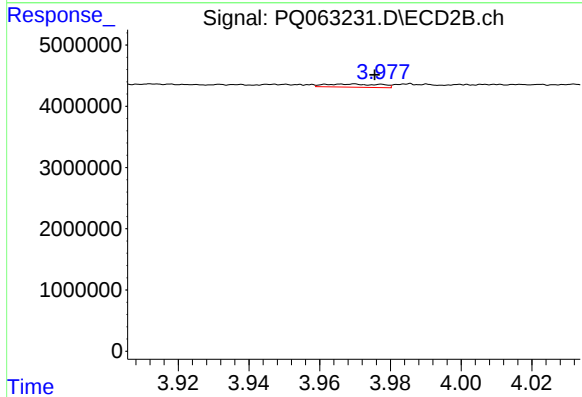
R.T.: 3.816 min
Delta R.T.: 0.003 min
Response: 170334
Conc: 1.75 ng/ml



#13 AR-1232-3

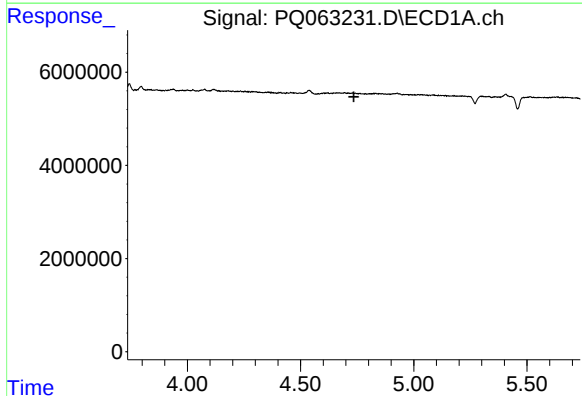
R.T.: 4.579 min
Delta R.T.: -0.006 min
Response: 57276
Conc: 0.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



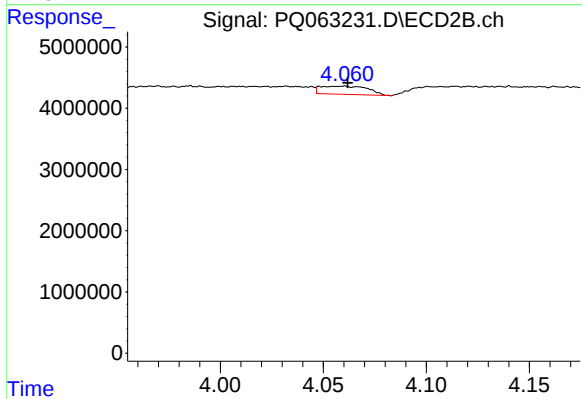
#13 AR-1232-3

R.T.: 3.969 min
Delta R.T.: -0.006 min
Response: 558082
Conc: 10.51 ng/ml



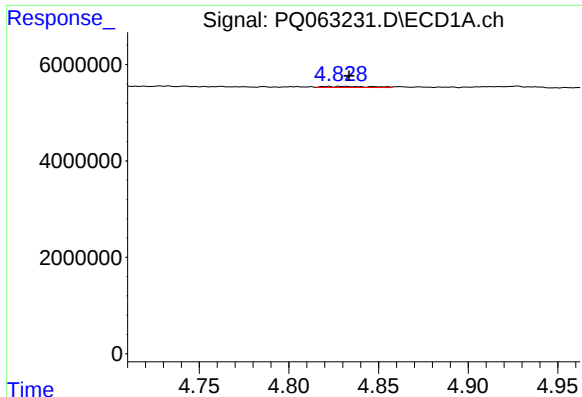
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.735 min
Response: 0
Conc: N.D.



#14 AR-1232-4

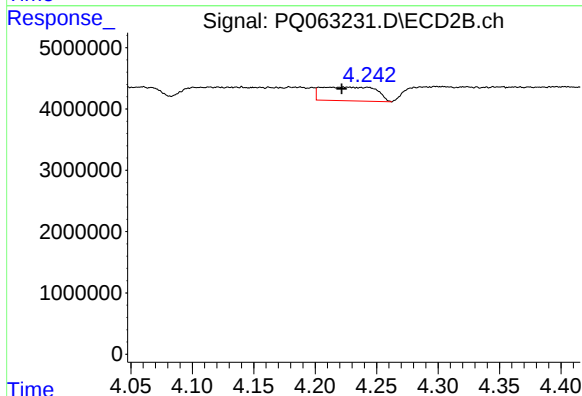
R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 2158535
Conc: 47.03 ng/ml



#15 AR-1232-5

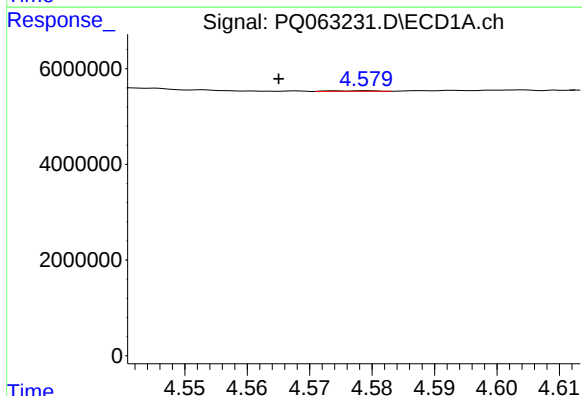
R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 413534
Conc: 9.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



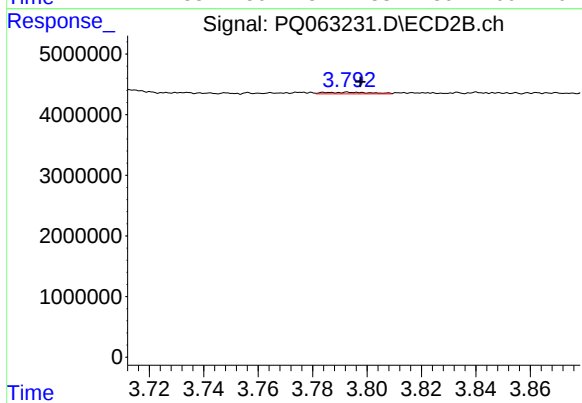
#15 AR-1232-5

R.T.: 4.226 min
Delta R.T.: 0.004 min
Response: 7006283
Conc: 129.21 ng/ml



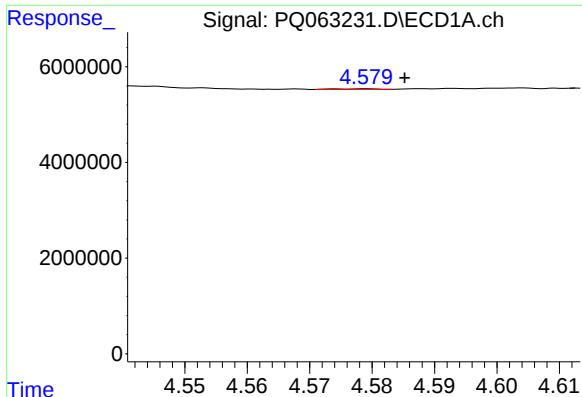
#16 AR-1242-1

R.T.: 4.579 min
Delta R.T.: 0.014 min
Response: 57276
Conc: 0.34 ng/ml



#16 AR-1242-1

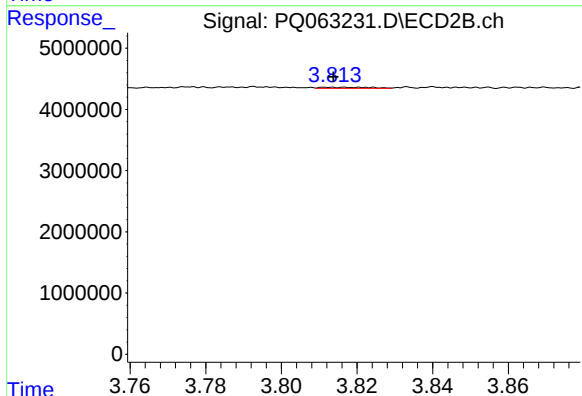
R.T.: 3.793 min
Delta R.T.: -0.004 min
Response: 327080
Conc: 2.26 ng/ml



#17 AR-1242-2

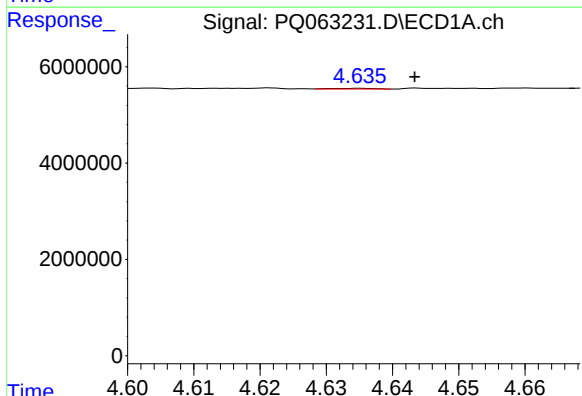
R.T.: 4.579 min
Delta R.T.: -0.006 min
Response: 57276
Conc: 0.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



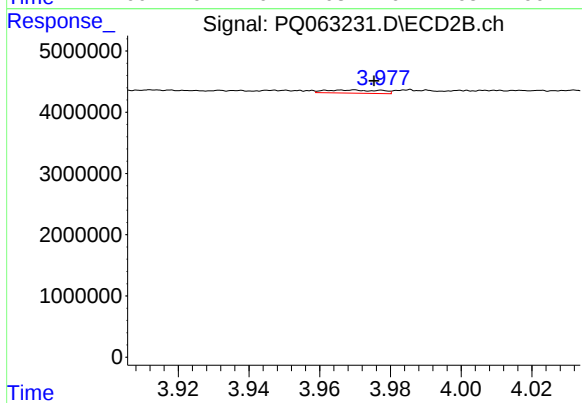
#17 AR-1242-2

R.T.: 3.816 min
Delta R.T.: 0.003 min
Response: 170334
Conc: 0.90 ng/ml



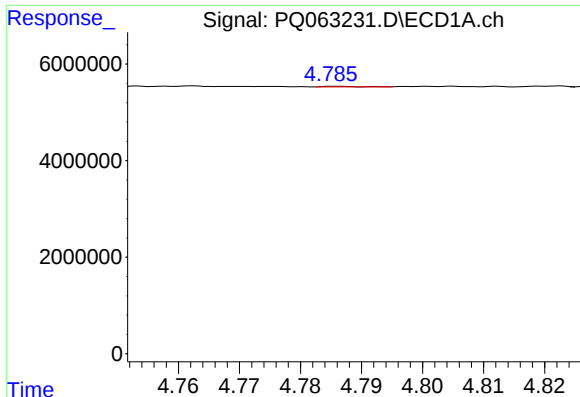
#18 AR-1242-3

R.T.: 4.635 min
Delta R.T.: -0.008 min
Response: 63191
Conc: 0.43 ng/ml



#18 AR-1242-3

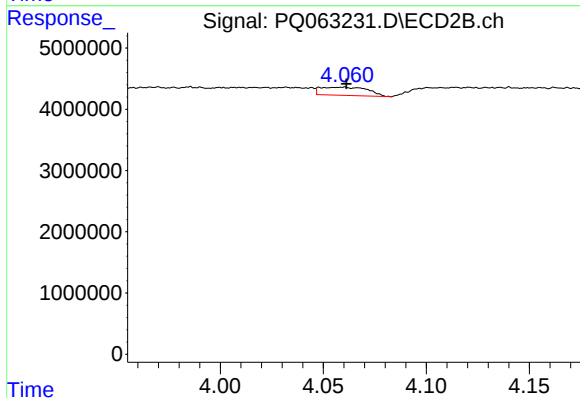
R.T.: 3.969 min
Delta R.T.: -0.006 min
Response: 558082
Conc: 5.17 ng/ml



#19 AR-1242-4

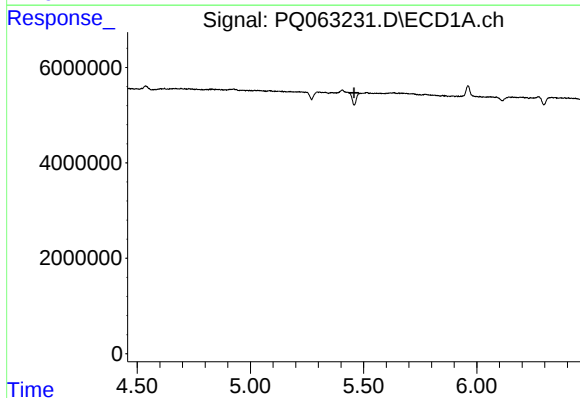
R.T.: 4.786 min
Delta R.T.: 0.050 min
Response: 53470
Conc: 0.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



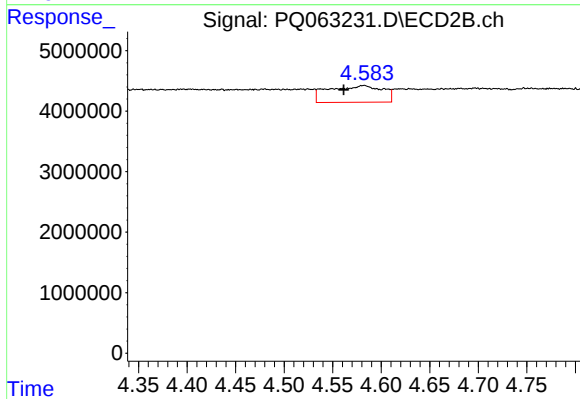
#19 AR-1242-4

R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 2158535
Conc: 21.67 ng/ml



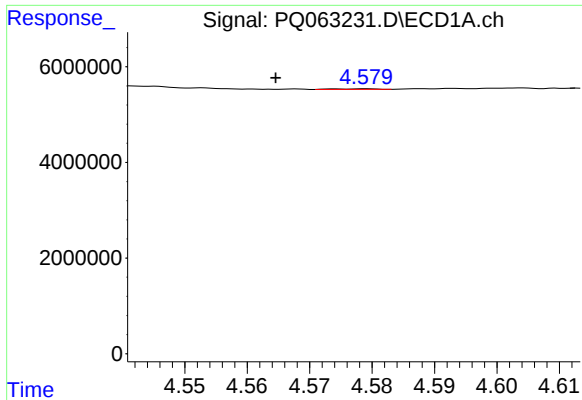
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.457 min
Response: 0
Conc: N.D.



#20 AR-1242-5

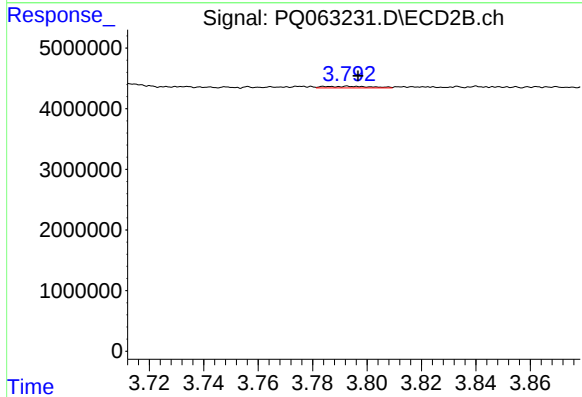
R.T.: 4.582 min
Delta R.T.: 0.021 min
Response: 10758929
Conc: 79.57 ng/ml



#21 AR-1248-1

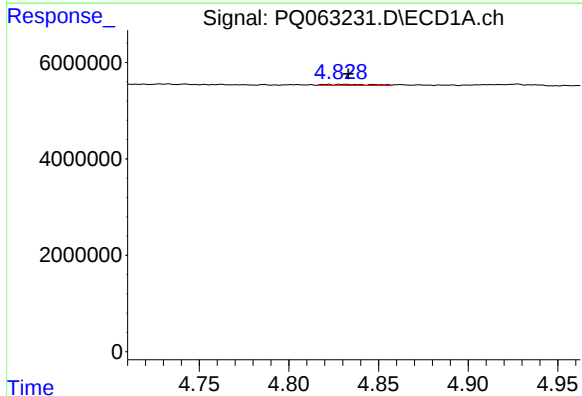
R.T.: 4.579 min
Delta R.T.: 0.014 min
Response: 57276
Conc: 0.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



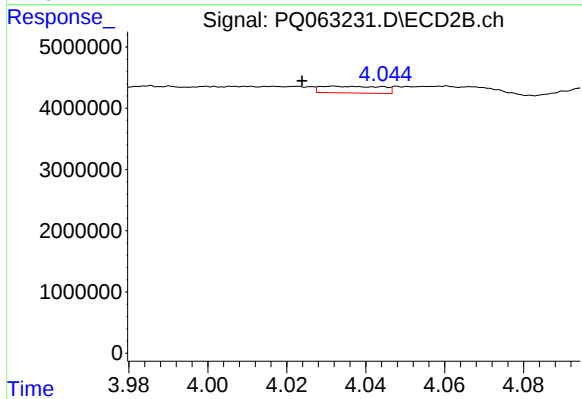
#21 AR-1248-1

R.T.: 3.793 min
Delta R.T.: -0.004 min
Response: 327080
Conc: 2.93 ng/ml



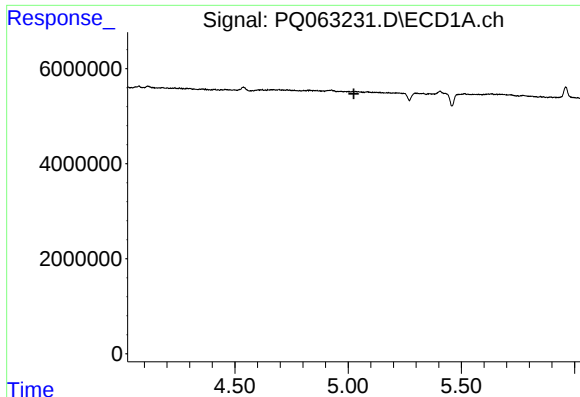
#22 AR-1248-2

R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 413534
Conc: 2.37 ng/ml



#22 AR-1248-2

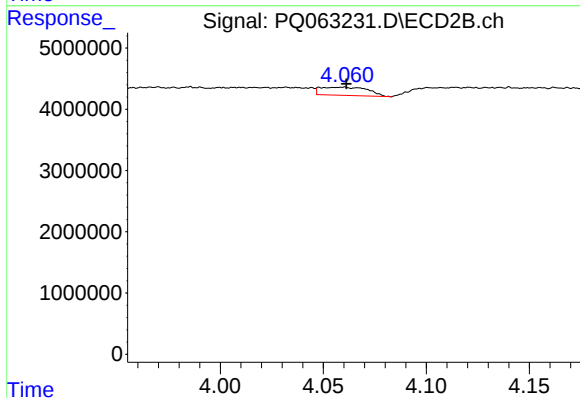
R.T.: 4.032 min
Delta R.T.: 0.008 min
Response: 1197380
Conc: 7.58 ng/ml



#23 AR-1248-3

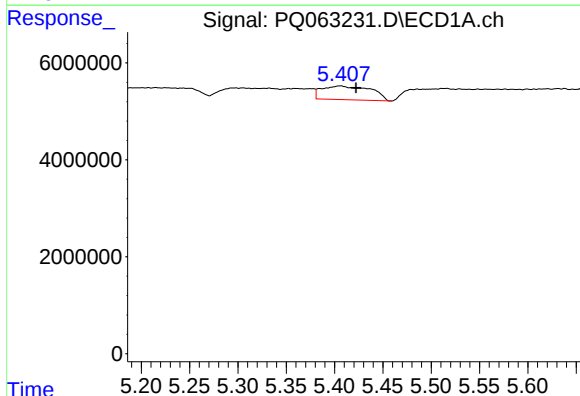
R.T.: 0.000 min
Exp R.T.: 5.025 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



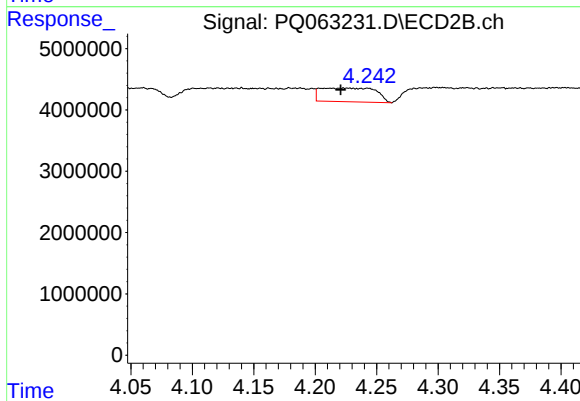
#23 AR-1248-3

R.T.: 4.060 min
Delta R.T.: -0.001 min
Response: 2158535
Conc: 14.15 ng/ml



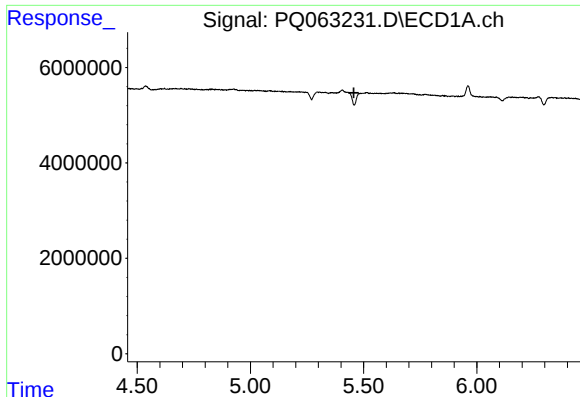
#24 AR-1248-4

R.T.: 5.406 min
Delta R.T.: -0.016 min
Response: 9950050
Conc: 41.76 ng/ml



#24 AR-1248-4

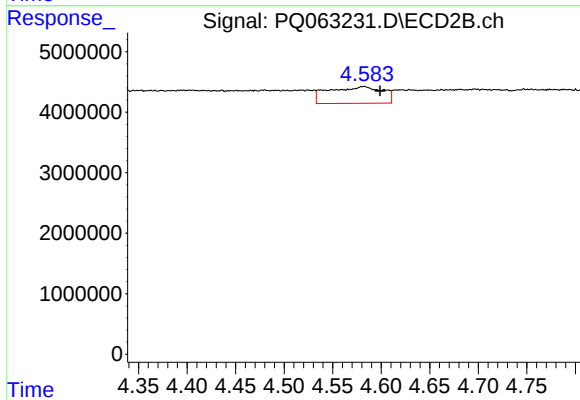
R.T.: 4.226 min
Delta R.T.: 0.005 min
Response: 7006283
Conc: 36.84 ng/ml



#25 AR-1248-5

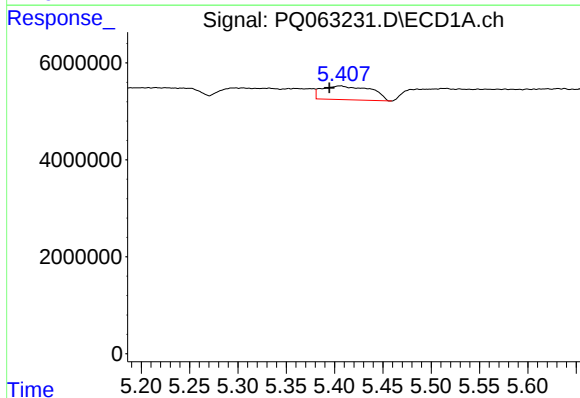
R.T.: 0.000 min
Exp R.T.: 5.457 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



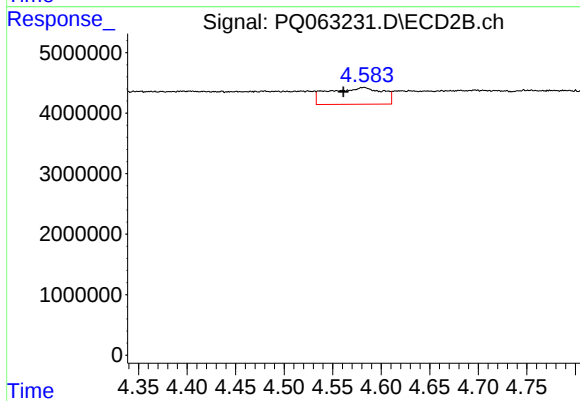
#25 AR-1248-5

R.T.: 4.582 min
Delta R.T.: -0.017 min
Response: 10758929
Conc: 55.63 ng/ml



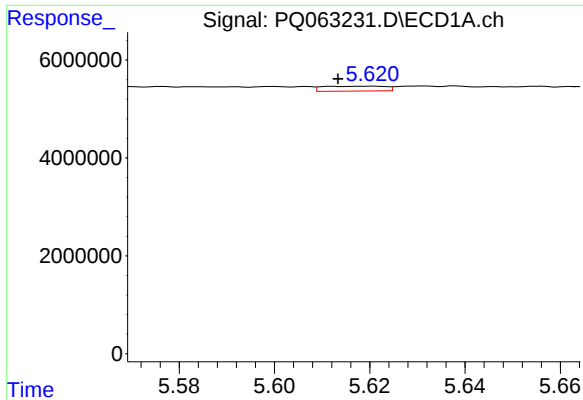
#26 AR-1254-1

R.T.: 5.406 min
Delta R.T.: 0.011 min
Response: 9950050
Conc: 45.43 ng/ml



#26 AR-1254-1

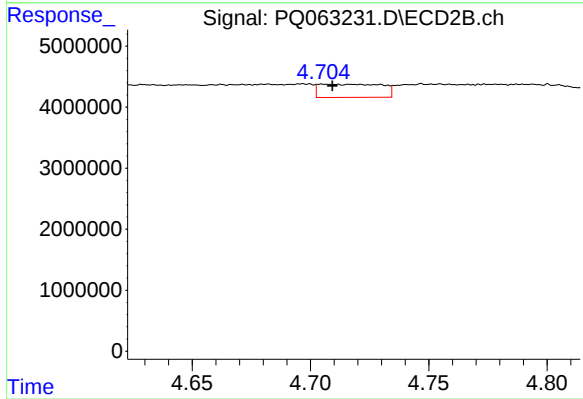
R.T.: 4.582 min
Delta R.T.: 0.021 min
Response: 10758929
Conc: 40.10 ng/ml



#27 AR-1254-2

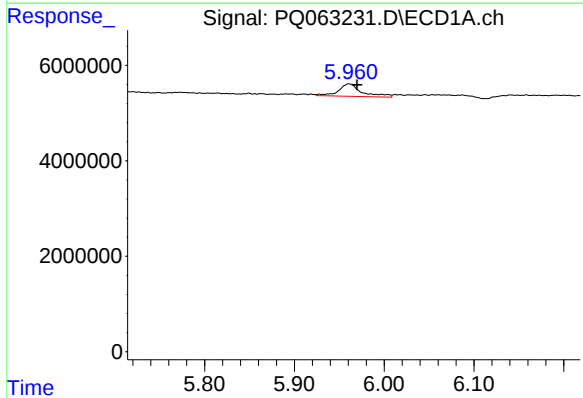
R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 915241
Conc: 2.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



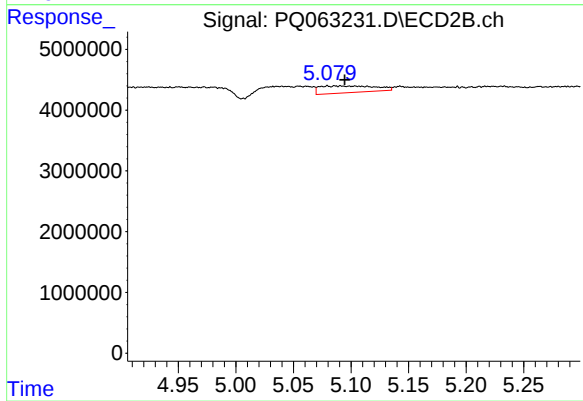
#27 AR-1254-2

R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 3992306
Conc: 17.01 ng/ml



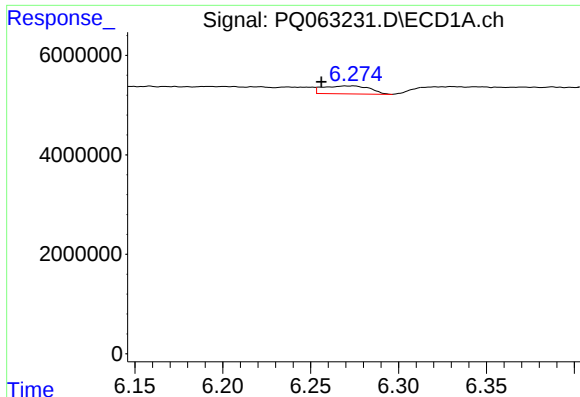
#28 AR-1254-3

R.T.: 5.961 min
Delta R.T.: -0.009 min
Response: 4773449
Conc: 13.31 ng/ml



#28 AR-1254-3

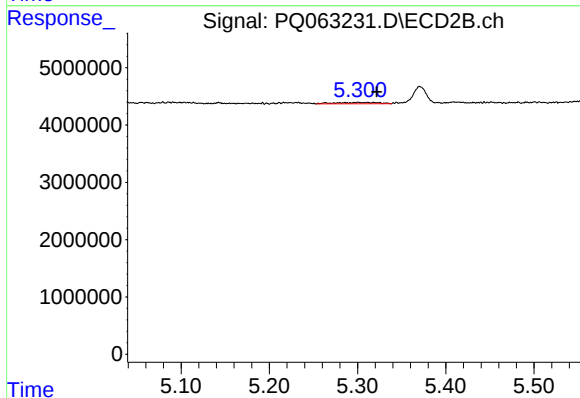
R.T.: 5.086 min
Delta R.T.: -0.008 min
Response: 3747805
Conc: 9.91 ng/ml



#29 AR-1254-4

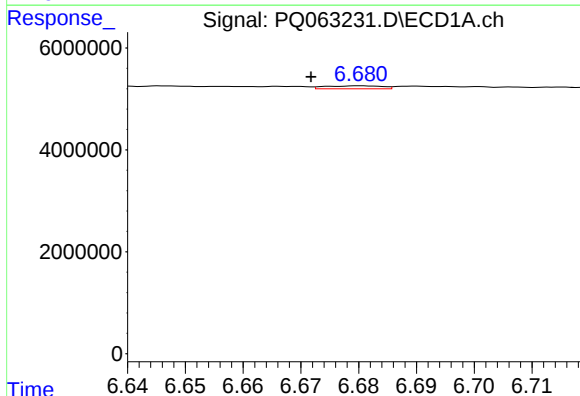
R.T.: 6.274 min
Delta R.T.: 0.018 min
Response: 2943063
Conc: 10.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



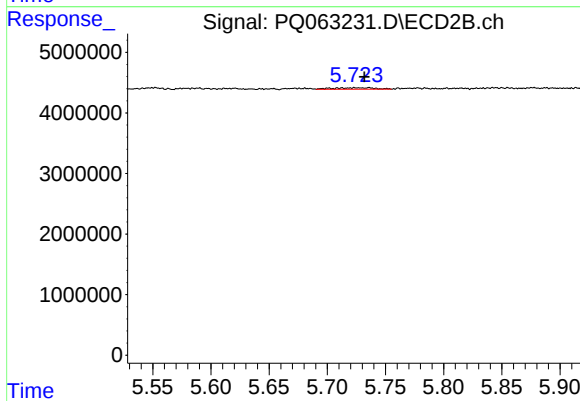
#29 AR-1254-4

R.T.: 5.301 min
Delta R.T.: -0.021 min
Response: 769039
Conc: 3.15 ng/ml



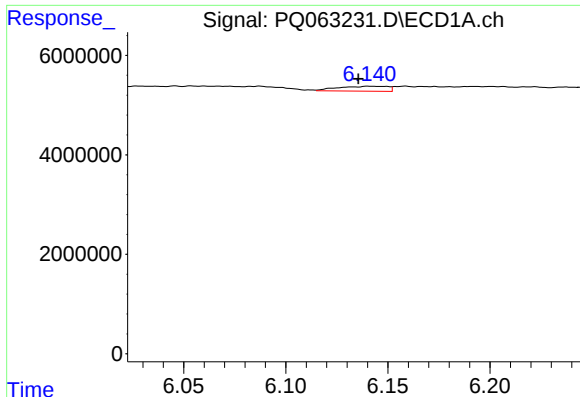
#30 AR-1254-5

R.T.: 6.680 min
Delta R.T.: 0.009 min
Response: 409220
Conc: 1.48 ng/ml



#30 AR-1254-5

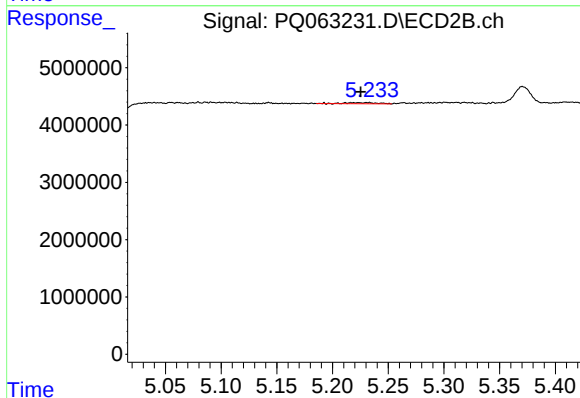
R.T.: 5.735 min
Delta R.T.: 0.003 min
Response: 623635
Conc: 1.81 ng/ml



#31 AR-1260-1

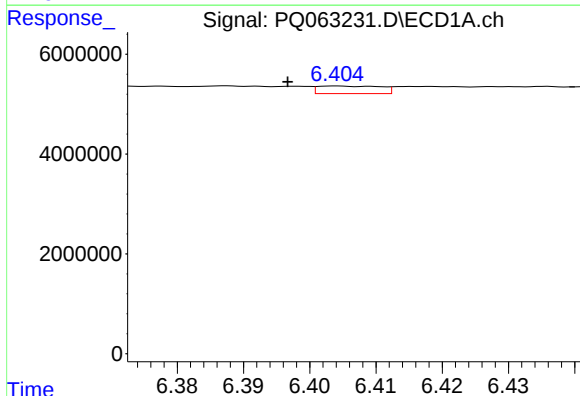
R.T.: 6.141 min
Delta R.T.: 0.005 min
Response: 1687939
Conc: 6.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



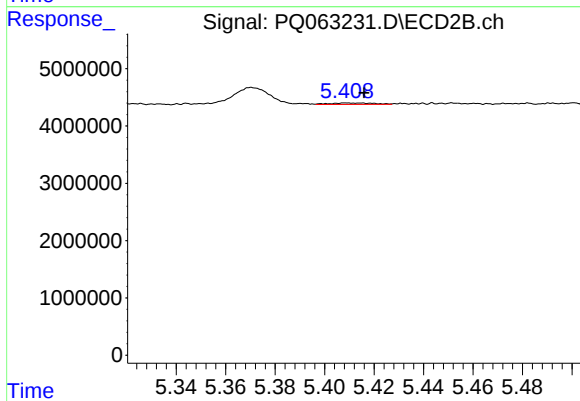
#31 AR-1260-1

R.T.: 5.231 min
Delta R.T.: 0.005 min
Response: 412597
Conc: 1.65 ng/ml



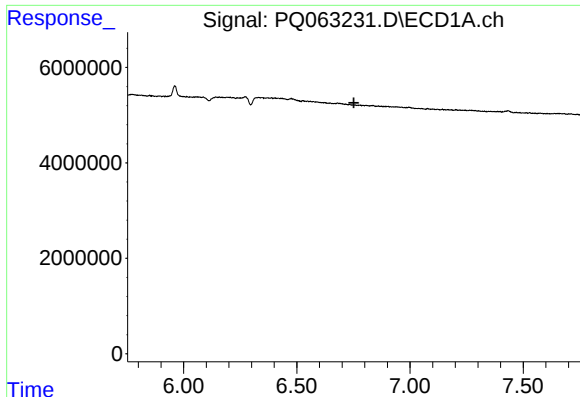
#32 AR-1260-2

R.T.: 6.404 min
Delta R.T.: 0.007 min
Response: 1011401
Conc: 3.33 ng/ml



#32 AR-1260-2

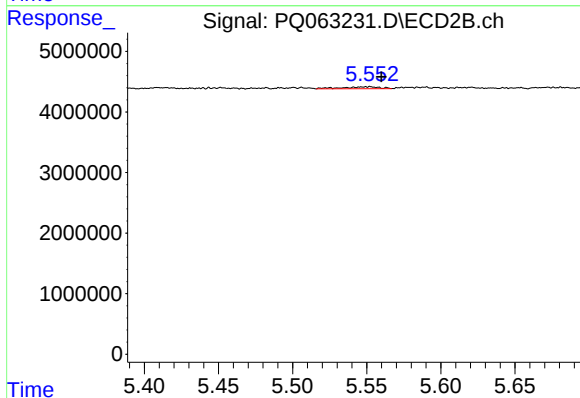
R.T.: 5.411 min
Delta R.T.: -0.005 min
Response: 323976
Conc: 1.05 ng/ml



#33 AR-1260-3

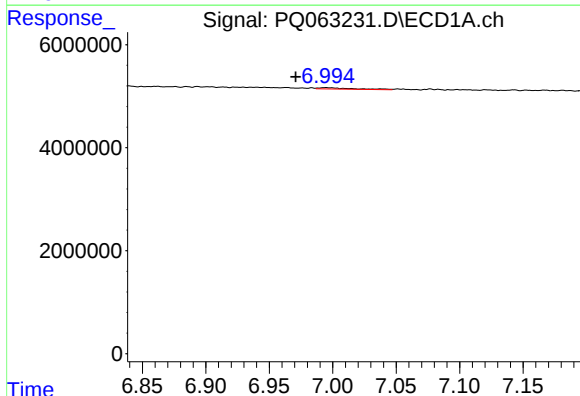
R.T.: 0.000 min
Exp R.T.: 6.752 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



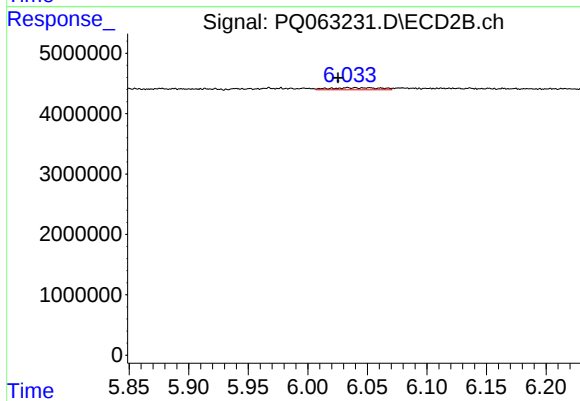
#33 AR-1260-3

R.T.: 5.551 min
Delta R.T.: -0.009 min
Response: 577880
Conc: 1.86 ng/ml



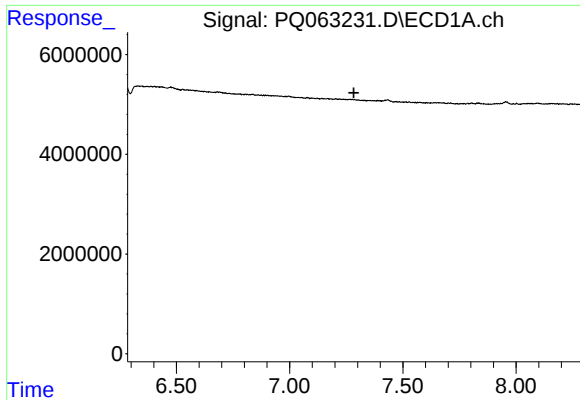
#34 AR-1260-4

R.T.: 6.994 min
Delta R.T.: 0.023 min
Response: 462306
Conc: 1.93 ng/ml



#34 AR-1260-4

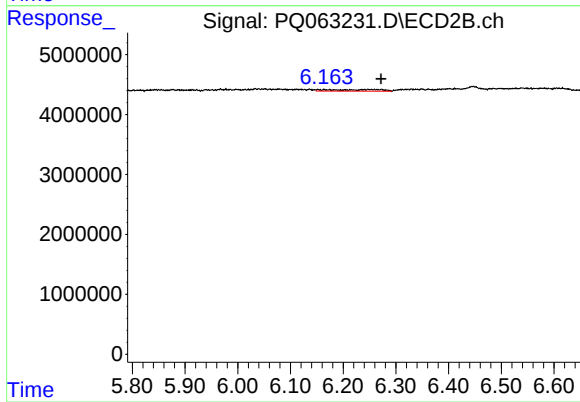
R.T.: 6.050 min
Delta R.T.: 0.025 min
Response: 1010854
Conc: 4.12 ng/ml



#35 AR-1260-5

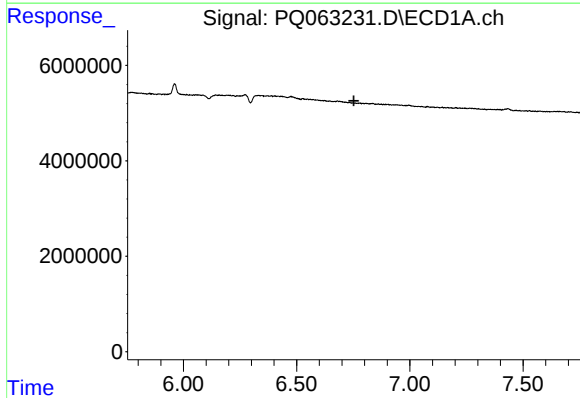
R.T.: 0.000 min
Exp R.T.: 7.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



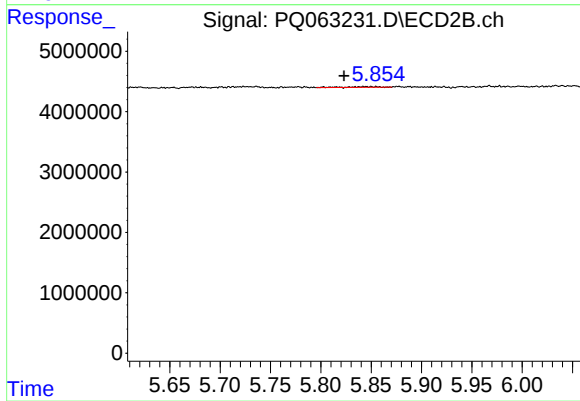
#35 AR-1260-5

R.T.: 6.258 min
Delta R.T.: -0.014 min
Response: 1764800
Conc: 3.23 ng/ml



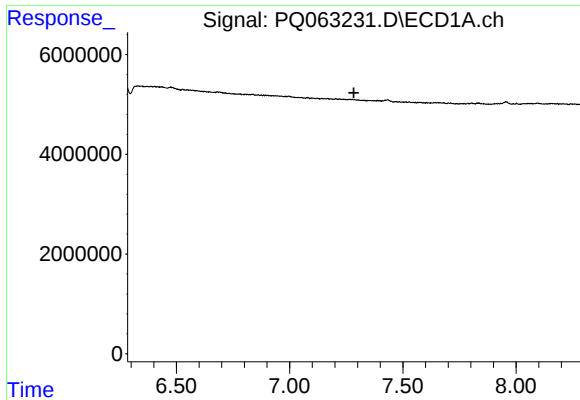
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 6.753 min
Response: 0
Conc: N.D.



#36 AR-1262-1

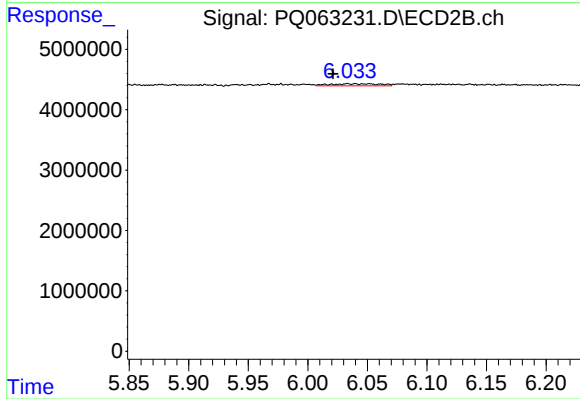
R.T.: 5.843 min
Delta R.T.: 0.020 min
Response: 308014
Conc: 2.16 ng/ml



#37 AR-1262-2

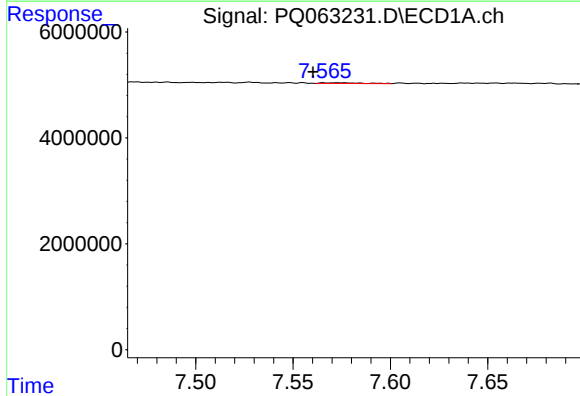
R.T.: 0.000 min
Exp R.T.: 7.284 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



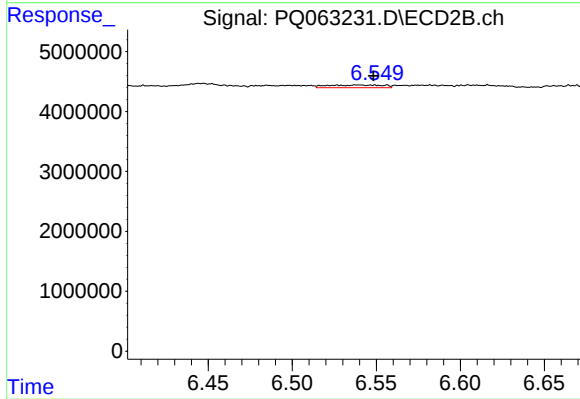
#37 AR-1262-2

R.T.: 6.050 min
Delta R.T.: 0.029 min
Response: 1010854
Conc: 3.23 ng/ml



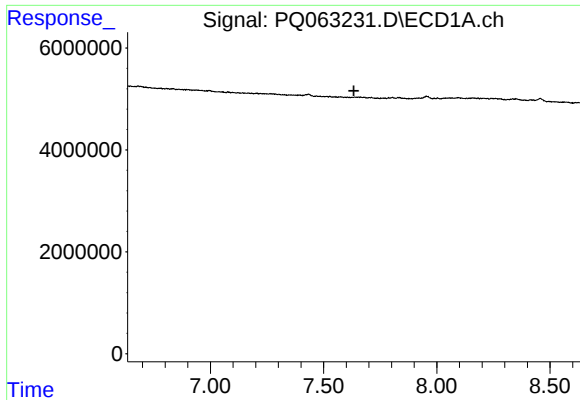
#38 AR-1262-3

R.T.: 7.566 min
Delta R.T.: 0.005 min
Response: 198983
Conc: 0.55 ng/ml



#38 AR-1262-3

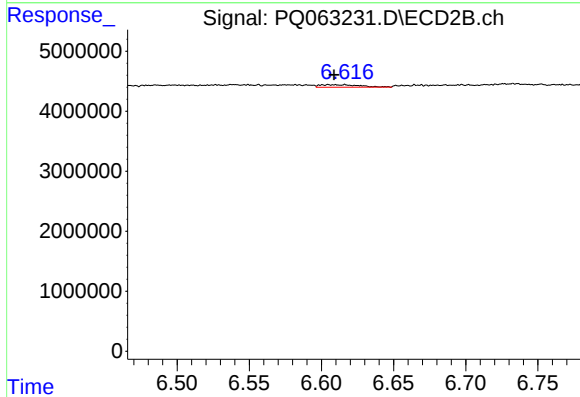
R.T.: 6.539 min
Delta R.T.: -0.009 min
Response: 1032876
Conc: 4.10 ng/ml



#39 AR-1262-4

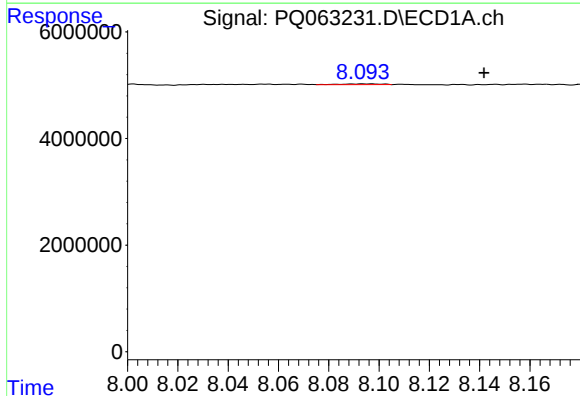
R.T.: 0.000 min
Exp R.T.: 7.634 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



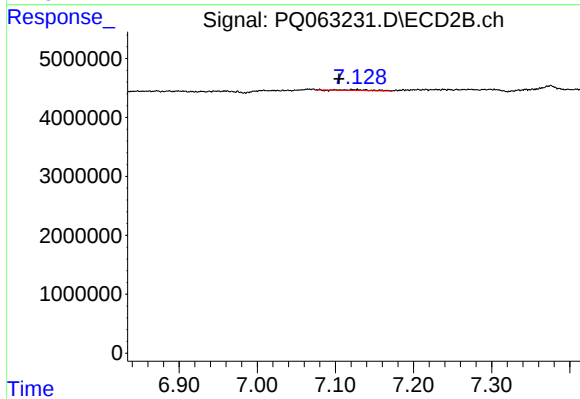
#39 AR-1262-4

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 776665
Conc: 1.66 ng/ml



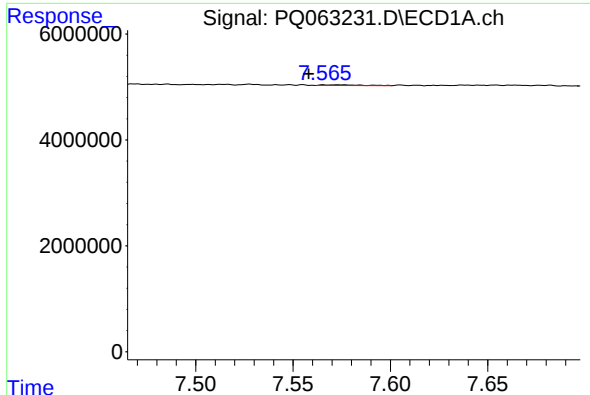
#40 AR-1262-5

R.T.: 8.095 min
Delta R.T.: -0.047 min
Response: 159525
Conc: 0.85 ng/ml



#40 AR-1262-5

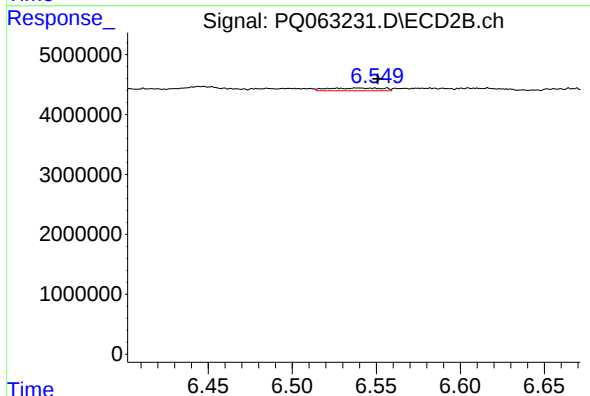
R.T.: 7.128 min
Delta R.T.: 0.023 min
Response: 334749
Conc: 1.52 ng/ml



#41 AR-1268-1

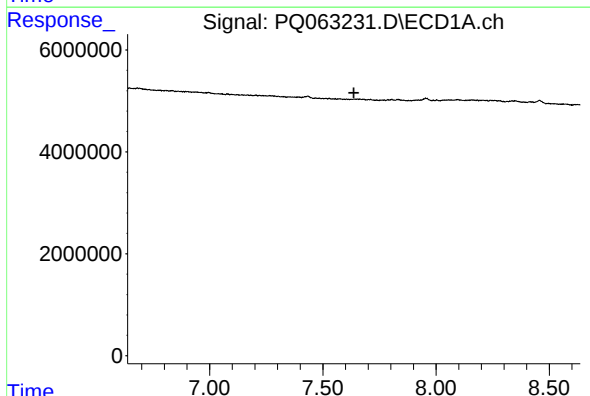
R.T.: 7.566 min
Delta R.T.: 0.008 min
Response: 198983
Conc: 0.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



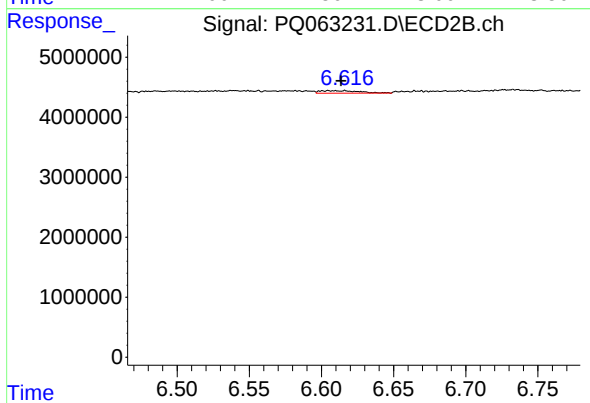
#41 AR-1268-1

R.T.: 6.539 min
Delta R.T.: -0.012 min
Response: 1032876
Conc: 1.38 ng/ml



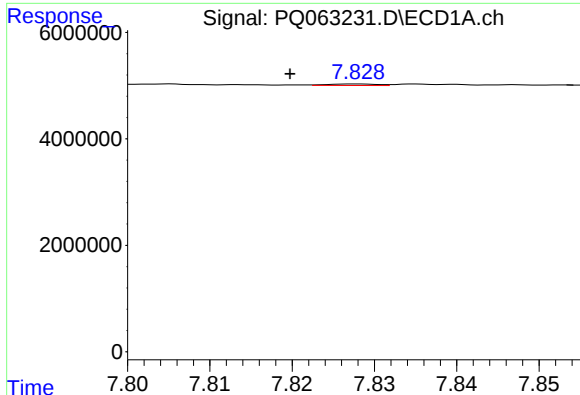
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.637 min
Response: 0
Conc: N.D.



#42 AR-1268-2

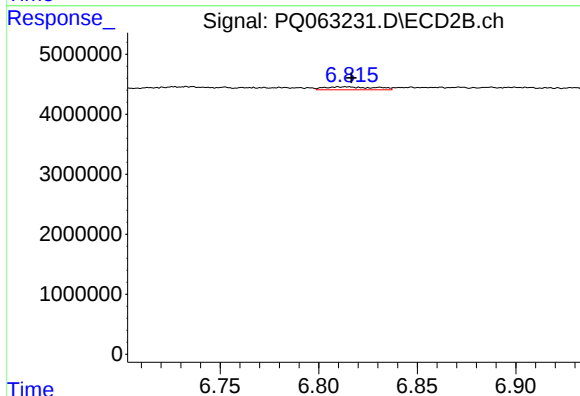
R.T.: 6.606 min
Delta R.T.: -0.008 min
Response: 776665
Conc: 1.13 ng/ml



#43 AR-1268-3

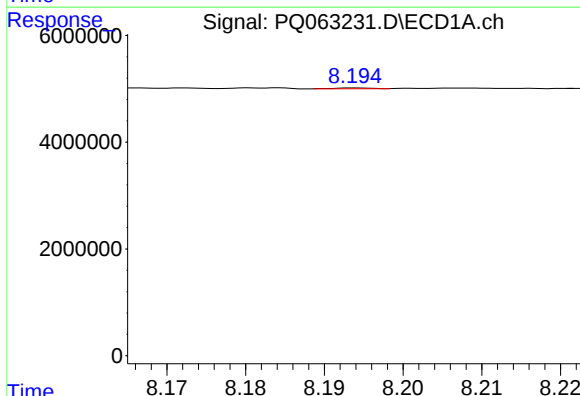
R.T.: 7.828 min
Delta R.T.: 0.008 min
Response: 119787
Conc: 0.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



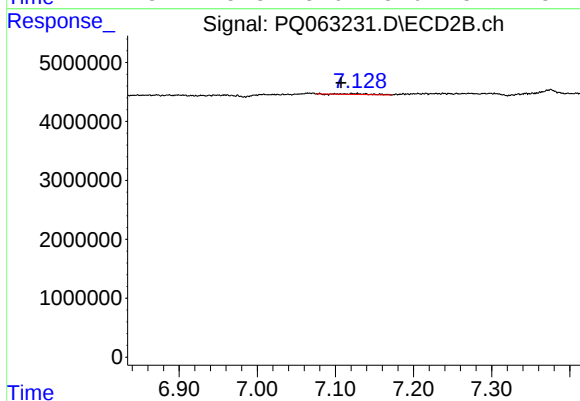
#43 AR-1268-3

R.T.: 6.813 min
Delta R.T.: -0.004 min
Response: 887582
Conc: 1.51 ng/ml



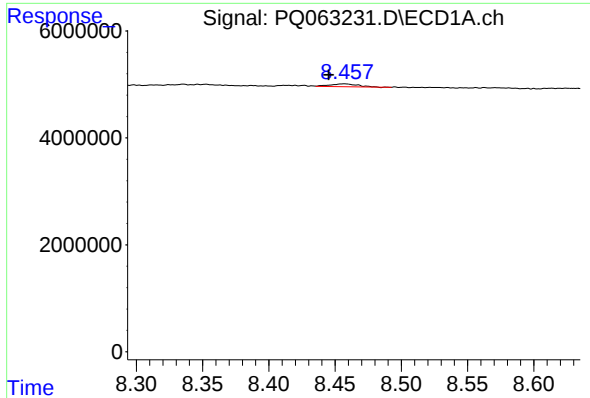
#44 AR-1268-4

R.T.: 8.194 min
Delta R.T.: 0.049 min
Response: 55979
Conc: 0.26 ng/ml



#44 AR-1268-4

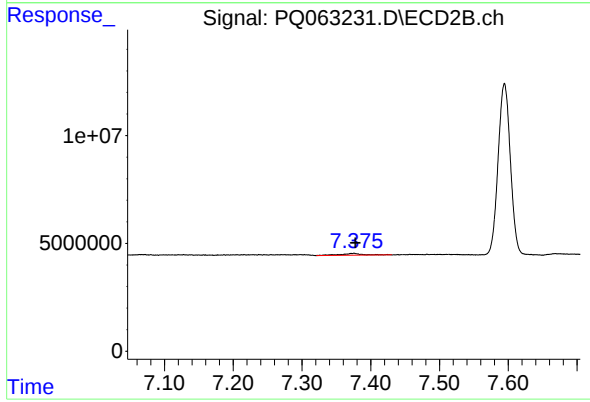
R.T.: 7.128 min
Delta R.T.: 0.021 min
Response: 334749
Conc: 1.31 ng/ml



#45 AR-1268-5

R.T.: 8.457 min
Delta R.T.: 0.012 min
Response: 783095
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.375 min
Delta R.T.: -0.003 min
Response: 1842982
Conc: 1.04 ng/ml