

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
 Data File : PQ062993.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 03:17
 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 11 03:48:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 10 11:15:56 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...	3.452	2.782	123.1E6	91142223	22.916	22.099
2) SA Decachlor...	8.687	7.590	104.8E6	107.8E6	27.079	24.923
Target Compounds						
3) L1 AR-1016-1	4.527f	3.800	5409902	326357	27.804	2.048 #
4) L1 AR-1016-2	0.000	3.810	0	222575	N.D.	1.042 #
5) L1 AR-1016-3	4.637	3.975	978689	379500	5.723	3.174 #
6) L1 AR-1016-4	4.748	4.015	79569	412040	0.565	4.247 #
7) L1 AR-1016-5	5.009	4.228	136704	408799	0.994	3.249 #
8) L2 AR-1221-1	3.663	2.982	3990471	194618	58.644	3.547 #
9) L2 AR-1221-2	3.733	3.053	1294089	1133005	27.123	30.038
10) L2 AR-1221-3	3.808	3.142	1380477	590216	8.945	4.905 #
11) L3 AR-1232-1	3.808	3.142	1380477	590216	10.685	6.058 #
12) L3 AR-1232-2	4.296	3.810	14776025	222575	211.861	2.288 #
13) L3 AR-1232-3	0.000	3.975	0	379500	N.D.	7.147 #
14) L3 AR-1232-4	4.748	4.056	79569	710625	1.319	15.483 #
15) L3 AR-1232-5	0.000	4.228	0	408799	N.D.	7.539 #
16) L4 AR-1242-1	4.527f	3.800	5409902	326357	32.053	2.260 #
17) L4 AR-1242-2	0.000	3.810	0	222575	N.D.	1.172 #
18) L4 AR-1242-3	4.637	3.975	978689	379500	6.681	3.516 #
19) L4 AR-1242-4	4.748	4.056	79569	710625	0.643	7.133 #
20) L4 AR-1242-5	5.463	4.554	1351980	132855	10.230	0.983 #
21) L5 AR-1248-1	4.527f	3.800	5409902	326357	40.630	2.922 #
22) L5 AR-1248-2	0.000	4.015	0	412040	N.D.	2.609 #
23) L5 AR-1248-3	5.009	4.056	136704	710625	0.646	4.660 #
24) L5 AR-1248-4	5.394f	4.228	2934110	408799	12.315	2.150 #
25) L5 AR-1248-5	5.463	4.610	1351980	40111	5.818	0.207 #
26) L6 AR-1254-1	5.394	4.554	2934110	132855	13.397	0.495 #
27) L6 AR-1254-2	5.619	4.707	396764	200463	1.172	0.854 #
28) L6 AR-1254-3	5.978	5.088	284656	324894	0.794	0.859
29) L6 AR-1254-4	6.265	5.319	2680606	212129	9.894	0.868 #
30) L6 AR-1254-5	6.664	5.728	217773	294834	0.788	0.854
31) L7 AR-1260-1	6.133	5.232	1164363	197402	4.555	0.791 #
32) L7 AR-1260-2	6.380	5.415	3904358	241137	12.864	0.783 #
33) L7 AR-1260-3	6.791f	5.555	103522	455549	0.491	1.470 #
34) L7 AR-1260-4	6.930f	6.029	71859	384849	0.300	1.569 #
35) L7 AR-1260-5	7.325f	6.268	143142	530845	0.305	0.971 #
36) L8 AR-1262-1	6.791f	5.825	103522	115893	0.321	0.812 #
37) L8 AR-1262-2	7.325f	6.029	143142	384849	0.264	1.232 #
38) L8 AR-1262-3	7.560	6.549	61152	1157208	0.169	4.590 #
39) L8 AR-1262-4	7.651	6.612	1410894	493526	5.034	1.056 #
40) L8 AR-1262-5	8.145	7.100	451593	124200	2.403	0.565 #
41) L9 AR-1268-1	7.560	6.549	61152	1157208	0.095	1.551 #

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 Acq On : 11 Aug 2023 03:17
 Operator : YP\AJ
 Sample : I.BLK
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 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 11 03:48:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 10 11:15:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

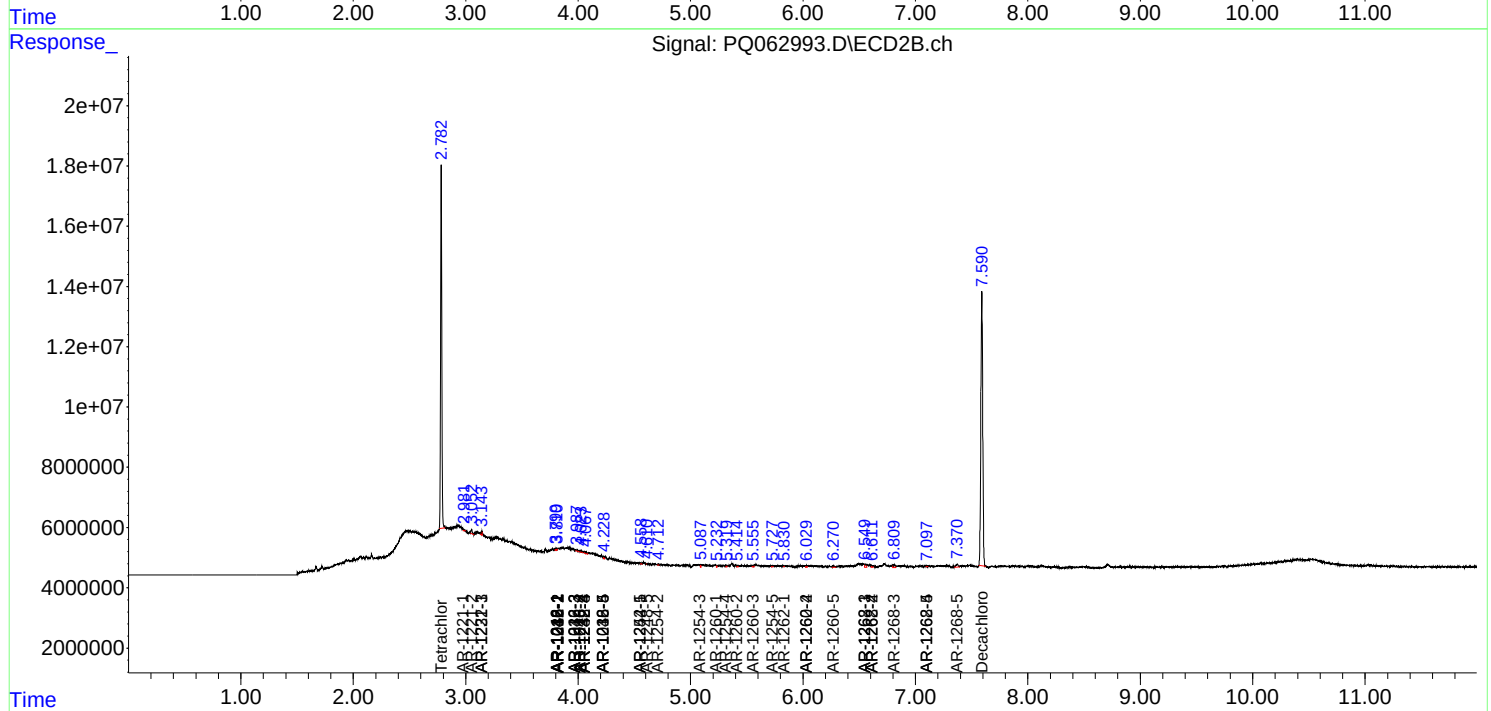
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

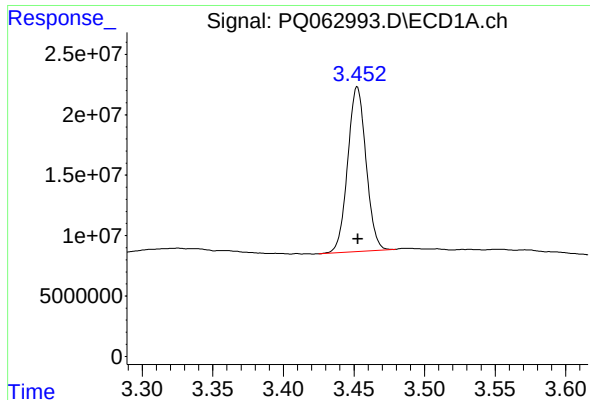
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.651	6.612	1410894	493526	2.353	0.719 #
43) L9	AR-1268-3	7.816	6.809	797992	1076180	1.621	1.834
44) L9	AR-1268-4	8.145	7.100	451593	124200	2.105	0.488 #
45) L9	AR-1268-5	8.446	7.370	1263007	1313202	0.820	0.741

(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

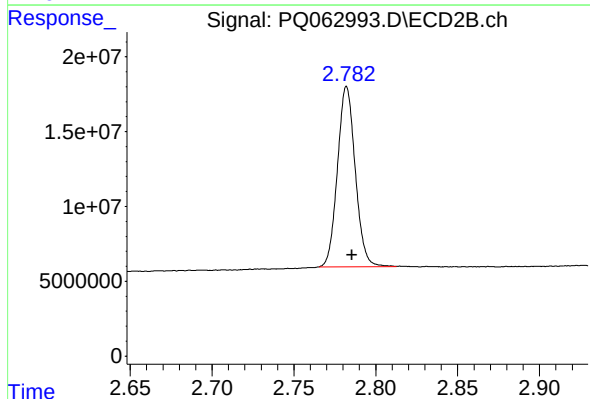




#1 Tetrachloro-m-xylene

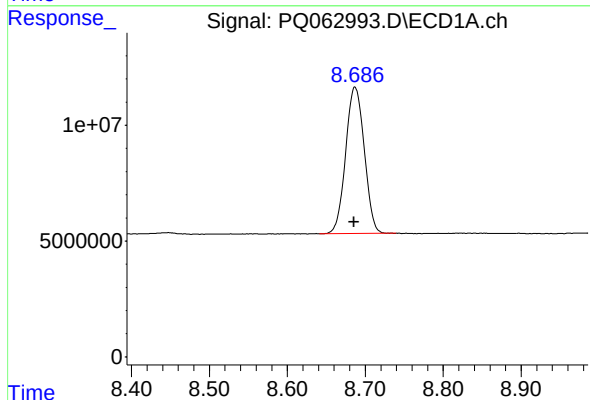
R.T.: 3.452 min
Delta R.T.: 0.000 min
Response: 123135560
Conc: 22.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



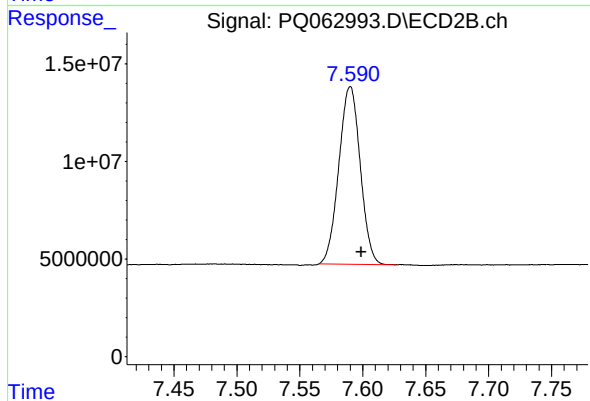
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: -0.003 min
Response: 91142223
Conc: 22.10 ng/ml



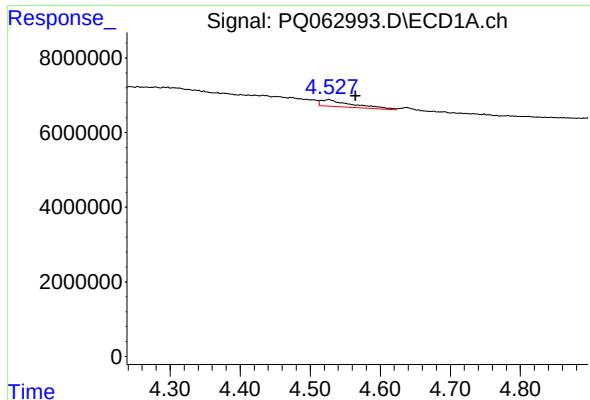
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: 0.001 min
Response: 104843314
Conc: 27.08 ng/ml



#2 Decachlorobiphenyl

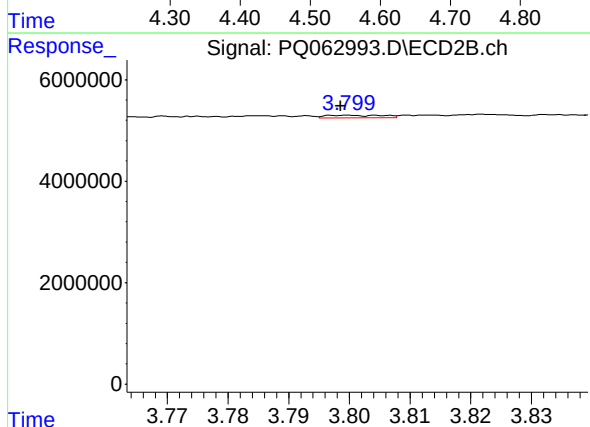
R.T.: 7.590 min
Delta R.T.: -0.009 min
Response: 107800029
Conc: 24.92 ng/ml



#3 AR-1016-1

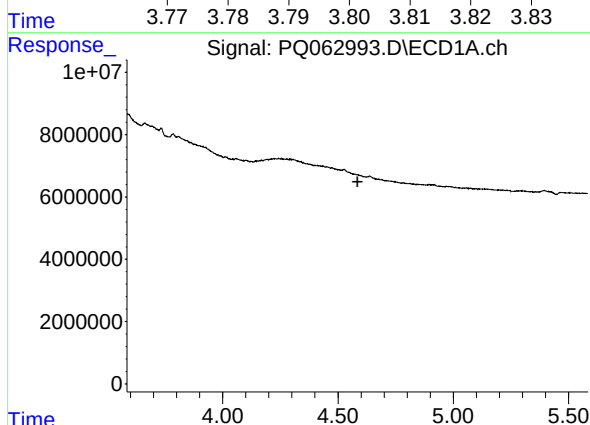
R.T.: 4.527 min
Delta R.T.: -0.038 min
Response: 5409902
Conc: 27.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



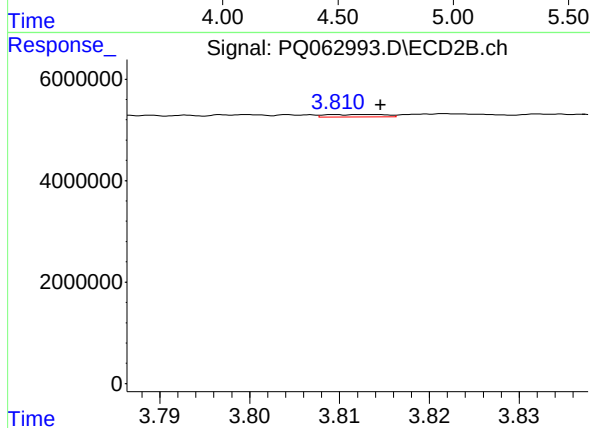
#3 AR-1016-1

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 326357
Conc: 2.05 ng/ml



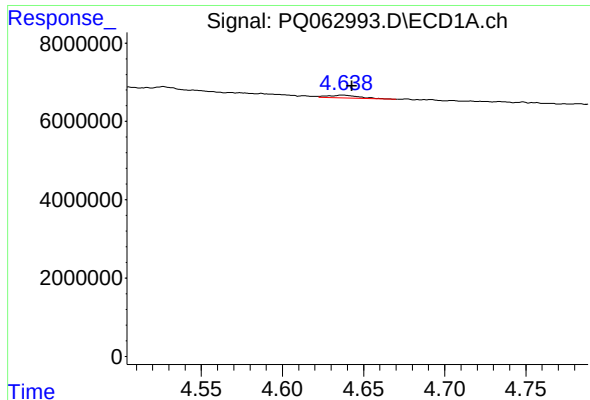
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 4.585 min
Response: 0
Conc: N.D.



#4 AR-1016-2

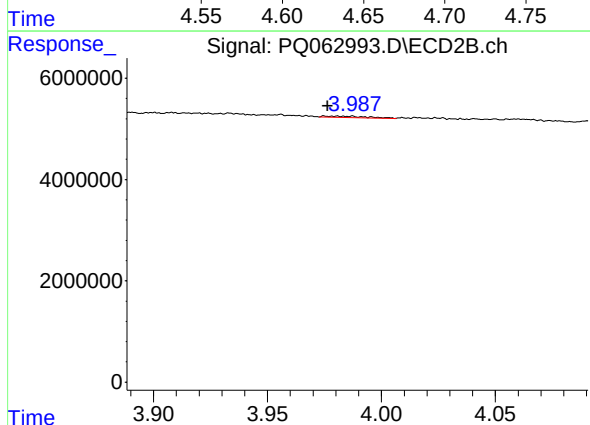
R.T.: 3.810 min
Delta R.T.: -0.005 min
Response: 222575
Conc: 1.04 ng/ml



#5 AR-1016-3

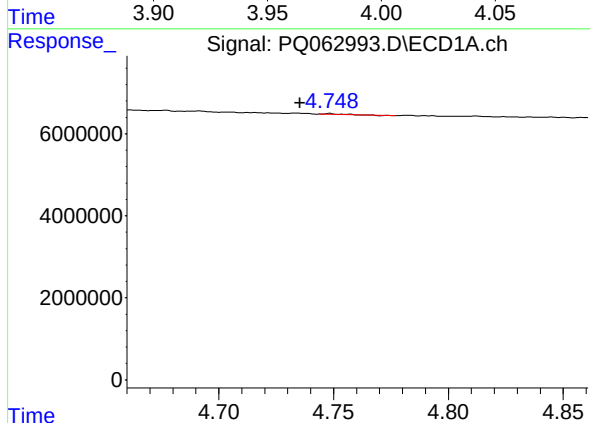
R.T.: 4.637 min
Delta R.T.: -0.005 min
Response: 978689
Conc: 5.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



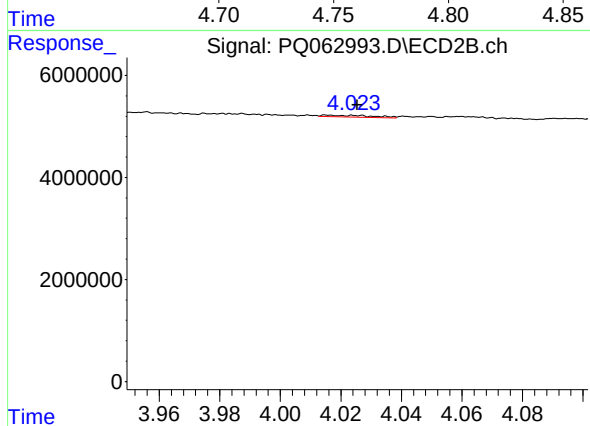
#5 AR-1016-3

R.T.: 3.975 min
Delta R.T.: -0.001 min
Response: 379500
Conc: 3.17 ng/ml



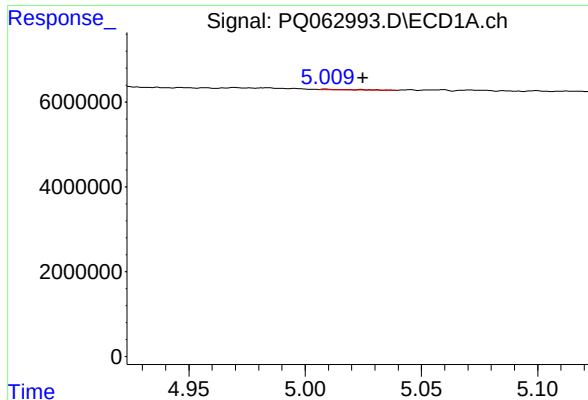
#6 AR-1016-4

R.T.: 4.748 min
Delta R.T.: 0.013 min
Response: 79569
Conc: 0.57 ng/ml



#6 AR-1016-4

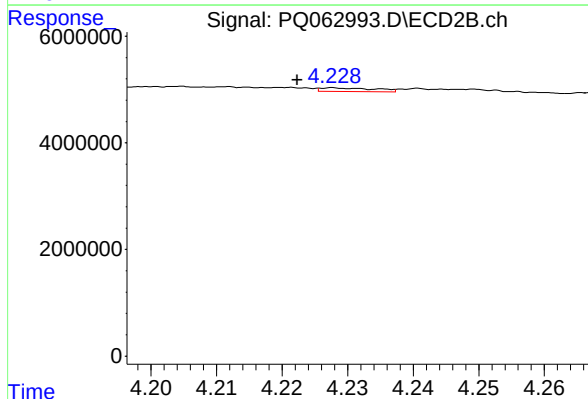
R.T.: 4.015 min
Delta R.T.: -0.010 min
Response: 412040
Conc: 4.25 ng/ml



#7 AR-1016-5

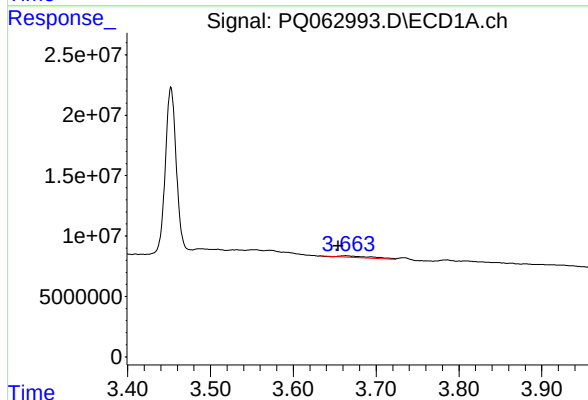
R.T.: 5.009 min
Delta R.T.: -0.016 min
Response: 136704
Conc: 0.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



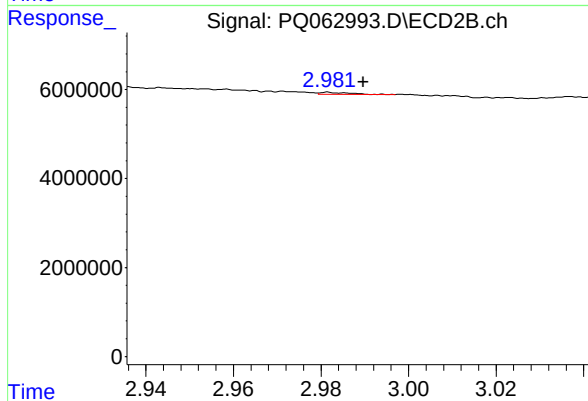
#7 AR-1016-5

R.T.: 4.228 min
Delta R.T.: 0.006 min
Response: 408799
Conc: 3.25 ng/ml



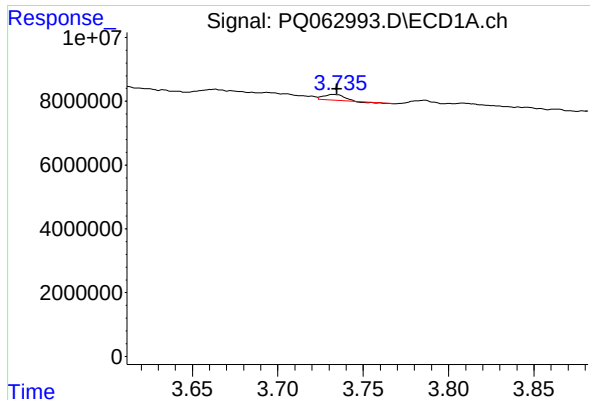
#8 AR-1221-1

R.T.: 3.663 min
Delta R.T.: 0.009 min
Response: 3990471
Conc: 58.64 ng/ml



#8 AR-1221-1

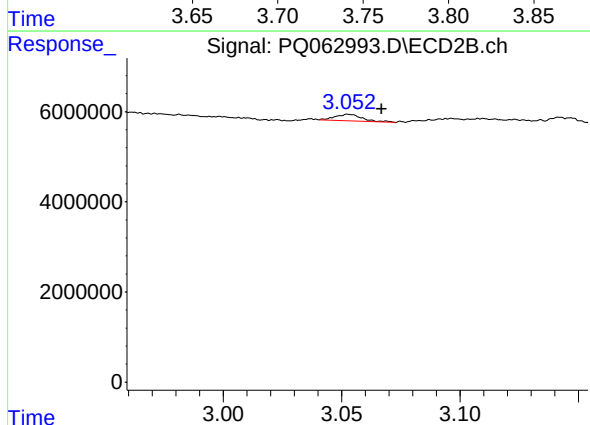
R.T.: 2.982 min
Delta R.T.: -0.008 min
Response: 194618
Conc: 3.55 ng/ml



#9 AR-1221-2

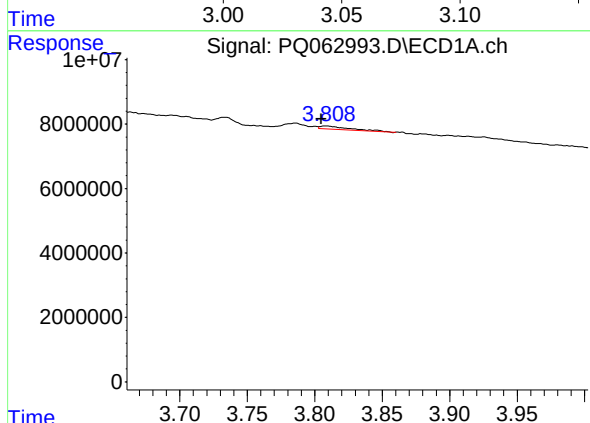
R.T.: 3.733 min
Delta R.T.: -0.001 min
Response: 1294089
Conc: 27.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



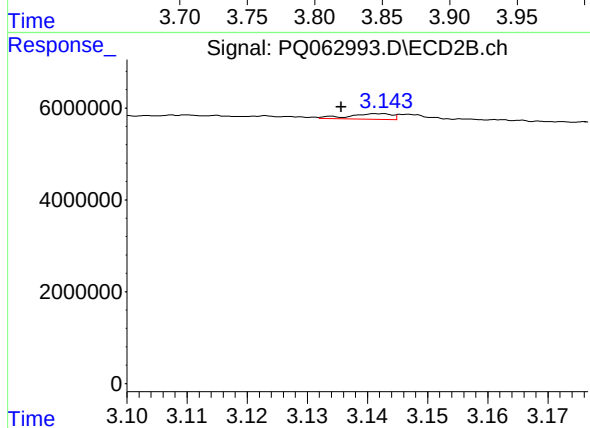
#9 AR-1221-2

R.T.: 3.053 min
Delta R.T.: -0.014 min
Response: 1133005
Conc: 30.04 ng/ml



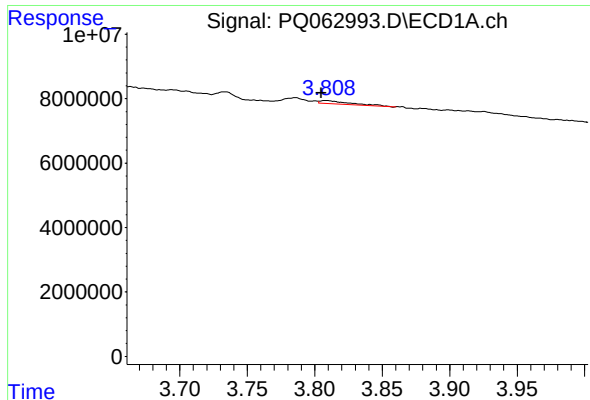
#10 AR-1221-3

R.T.: 3.808 min
Delta R.T.: 0.004 min
Response: 1380477
Conc: 8.95 ng/ml



#10 AR-1221-3

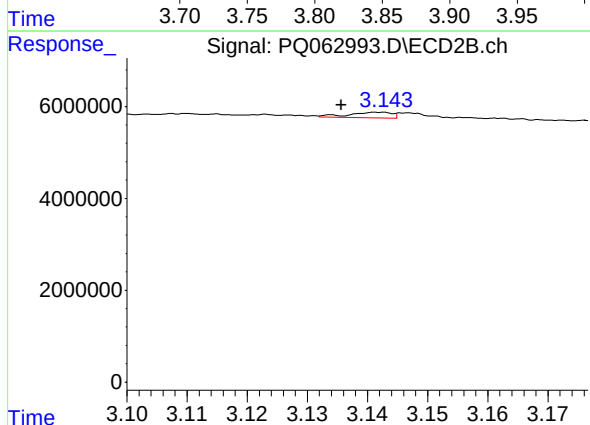
R.T.: 3.142 min
Delta R.T.: 0.006 min
Response: 590216
Conc: 4.91 ng/ml



#11 AR-1232-1

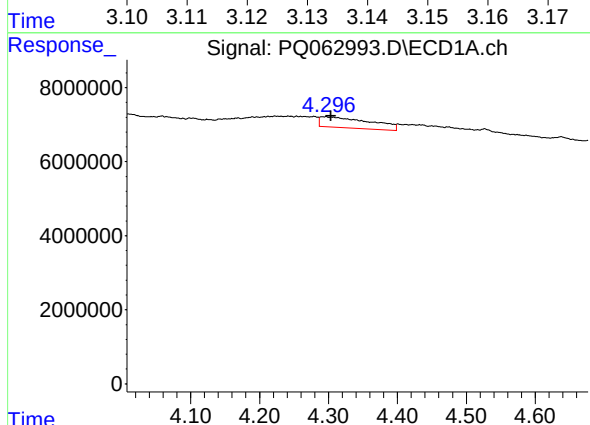
R.T.: 3.808 min
Delta R.T.: 0.003 min
Response: 1380477
Conc: 10.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



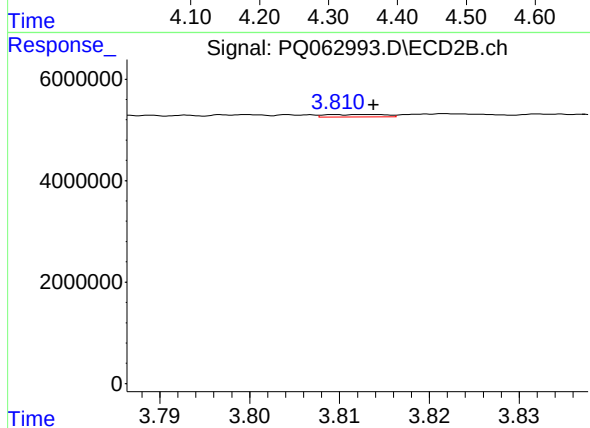
#11 AR-1232-1

R.T.: 3.142 min
Delta R.T.: 0.006 min
Response: 590216
Conc: 6.06 ng/ml



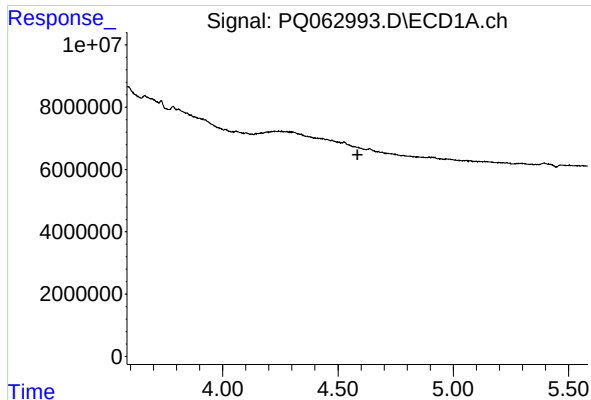
#12 AR-1232-2

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 14776025
Conc: 211.86 ng/ml



#12 AR-1232-2

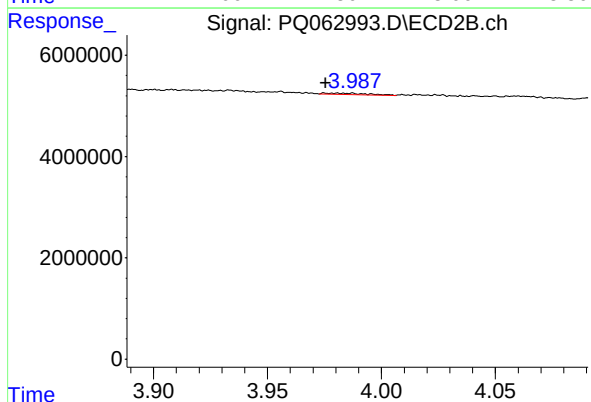
R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 222575
Conc: 2.29 ng/ml



#13 AR-1232-3

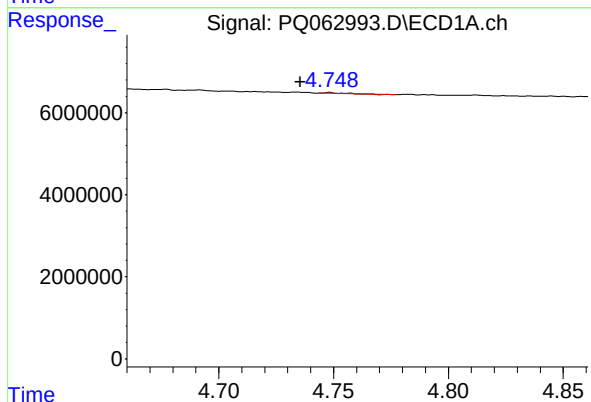
R.T.: 0.000 min
Exp R.T.: 4.584 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



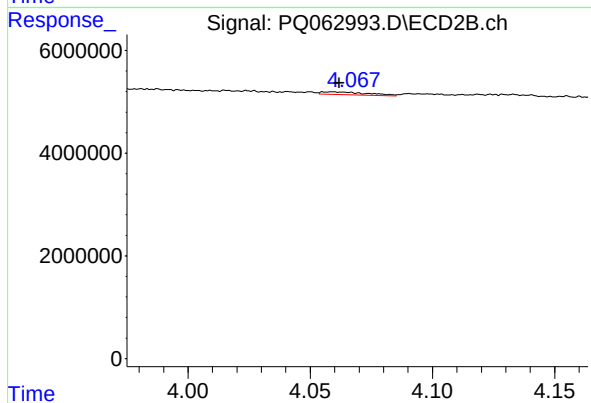
#13 AR-1232-3

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 379500
Conc: 7.15 ng/ml



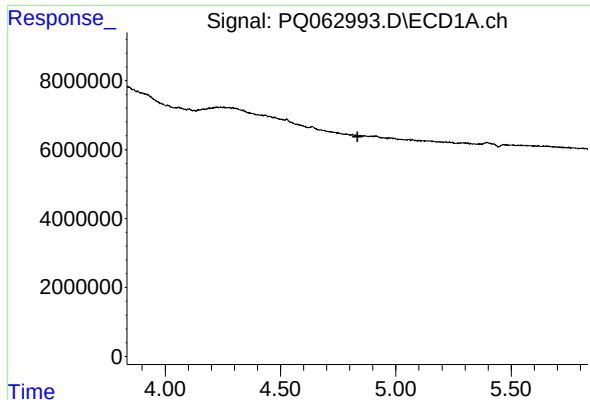
#14 AR-1232-4

R.T.: 4.748 min
Delta R.T.: 0.013 min
Response: 79569
Conc: 1.32 ng/ml



#14 AR-1232-4

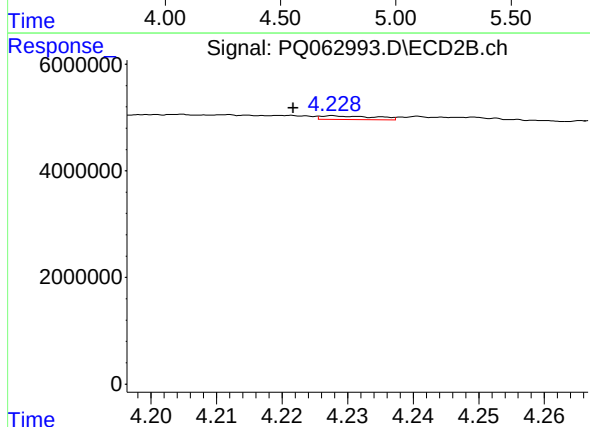
R.T.: 4.056 min
Delta R.T.: -0.006 min
Response: 710625
Conc: 15.48 ng/ml



#15 AR-1232-5

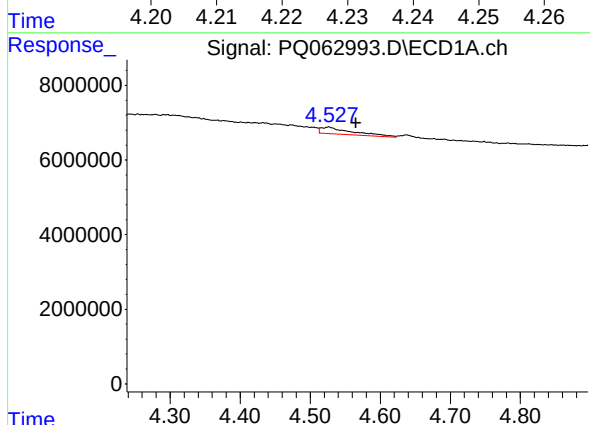
R.T.: 0.000 min
Exp R.T.: 4.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



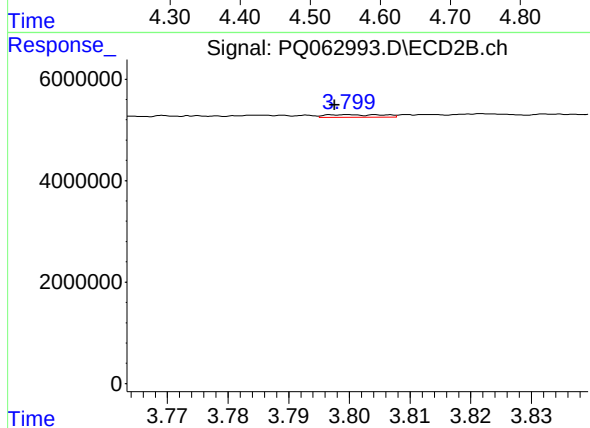
#15 AR-1232-5

R.T.: 4.228 min
Delta R.T.: 0.006 min
Response: 408799
Conc: 7.54 ng/ml



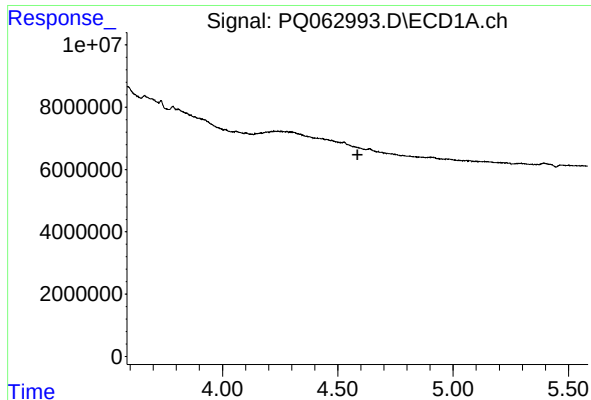
#16 AR-1242-1

R.T.: 4.527 min
Delta R.T.: -0.039 min
Response: 5409902
Conc: 32.05 ng/ml



#16 AR-1242-1

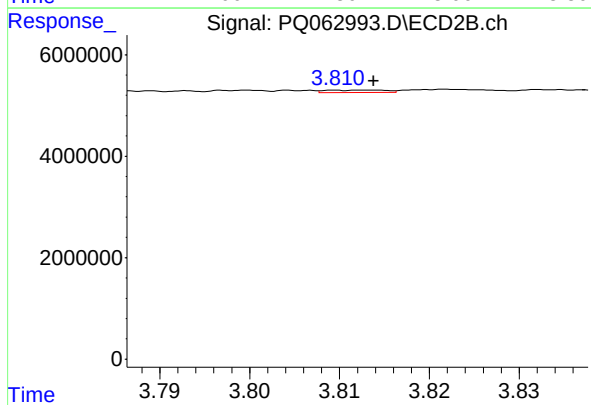
R.T.: 3.800 min
Delta R.T.: 0.002 min
Response: 326357
Conc: 2.26 ng/ml



#17 AR-1242-2

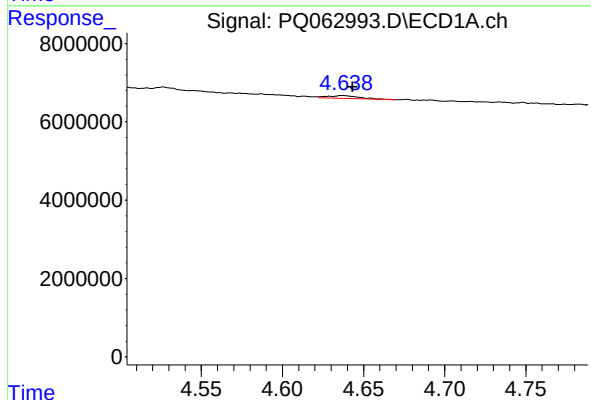
R.T.: 0.000 min
Exp R.T.: 4.585 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



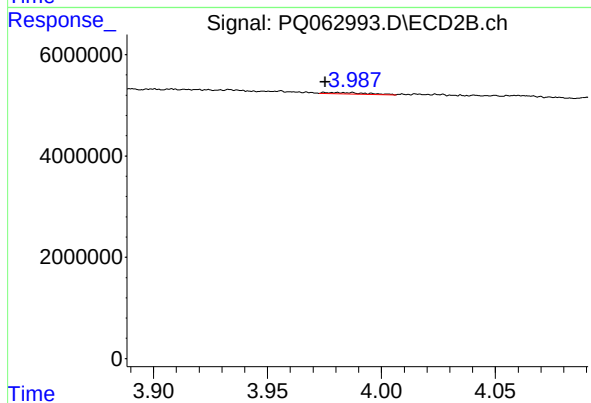
#17 AR-1242-2

R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 222575
Conc: 1.17 ng/ml



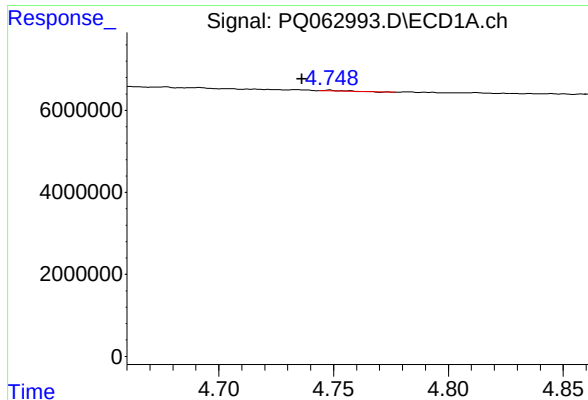
#18 AR-1242-3

R.T.: 4.637 min
Delta R.T.: -0.006 min
Response: 978689
Conc: 6.68 ng/ml



#18 AR-1242-3

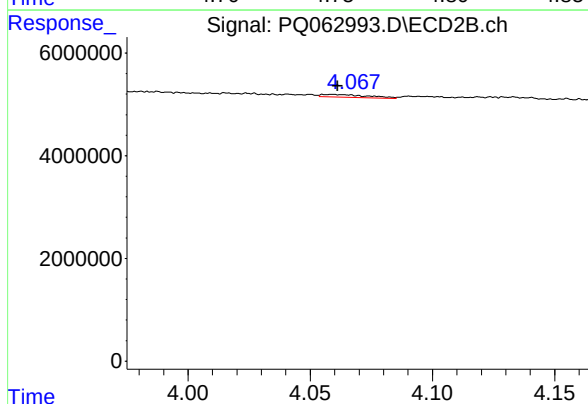
R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 379500
Conc: 3.52 ng/ml



#19 AR-1242-4

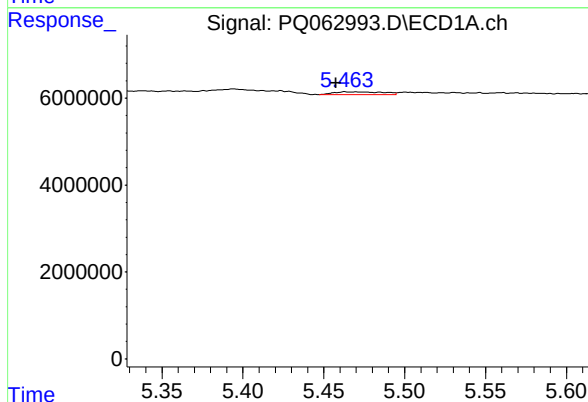
R.T.: 4.748 min
Delta R.T.: 0.012 min
Response: 79569
Conc: 0.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



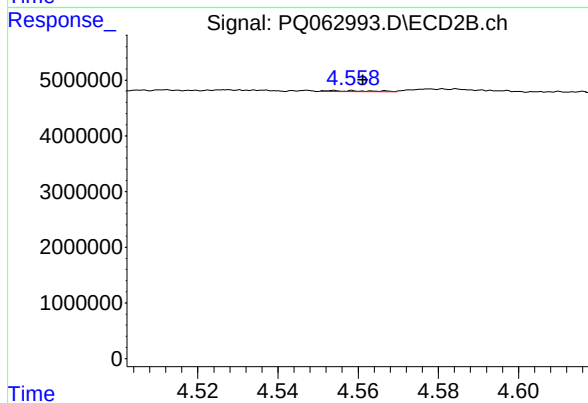
#19 AR-1242-4

R.T.: 4.056 min
Delta R.T.: -0.006 min
Response: 710625
Conc: 7.13 ng/ml



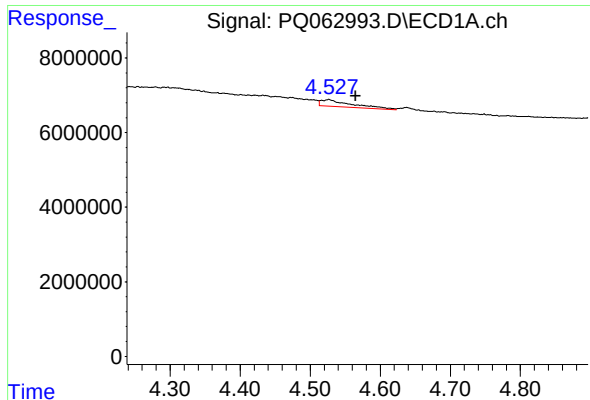
#20 AR-1242-5

R.T.: 5.463 min
Delta R.T.: 0.006 min
Response: 1351980
Conc: 10.23 ng/ml



#20 AR-1242-5

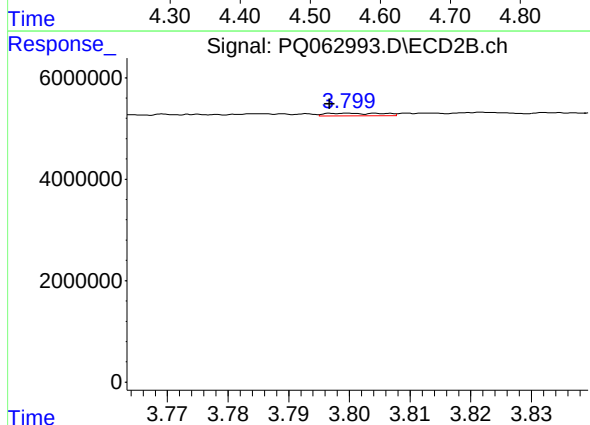
R.T.: 4.554 min
Delta R.T.: -0.007 min
Response: 132855
Conc: 0.98 ng/ml



#21 AR-1248-1

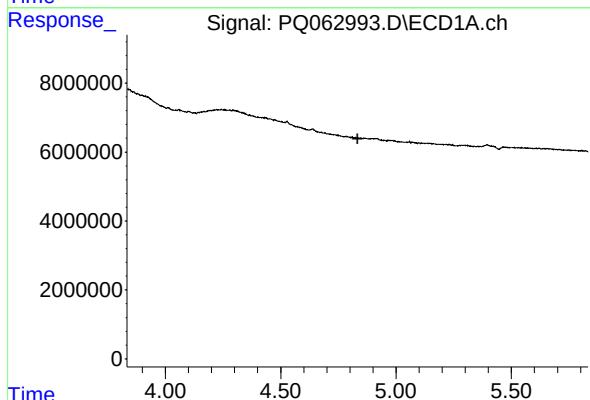
R.T.: 4.527 min
Delta R.T.: -0.038 min
Response: 5409902
Conc: 40.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



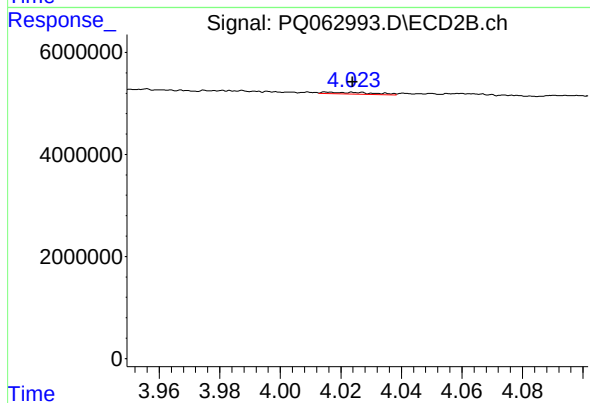
#21 AR-1248-1

R.T.: 3.800 min
Delta R.T.: 0.003 min
Response: 326357
Conc: 2.92 ng/ml



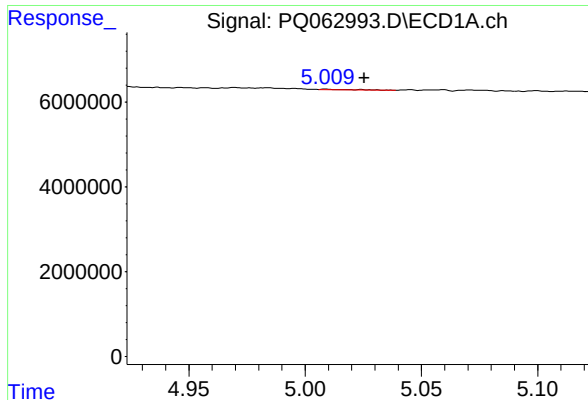
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 4.833 min
Response: 0
Conc: N.D.



#22 AR-1248-2

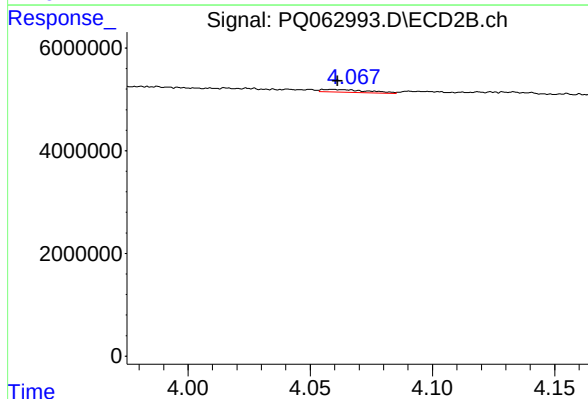
R.T.: 4.015 min
Delta R.T.: -0.009 min
Response: 412040
Conc: 2.61 ng/ml



#23 AR-1248-3

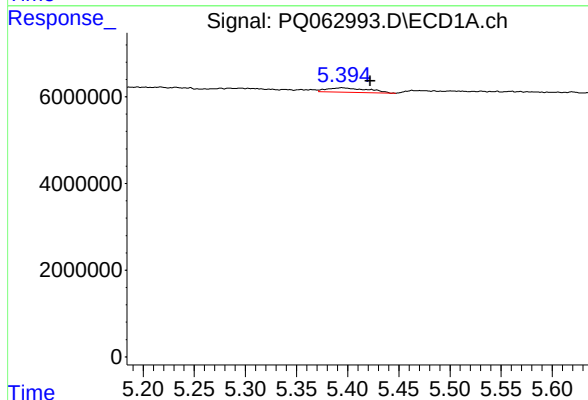
R.T.: 5.009 min
Delta R.T.: -0.017 min
Response: 136704
Conc: 0.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



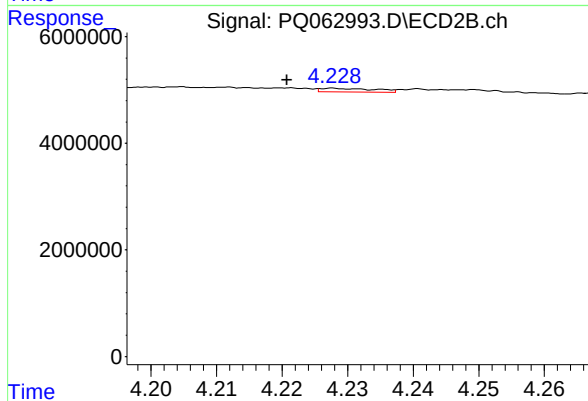
#23 AR-1248-3

R.T.: 4.056 min
Delta R.T.: -0.006 min
Response: 710625
Conc: 4.66 ng/ml



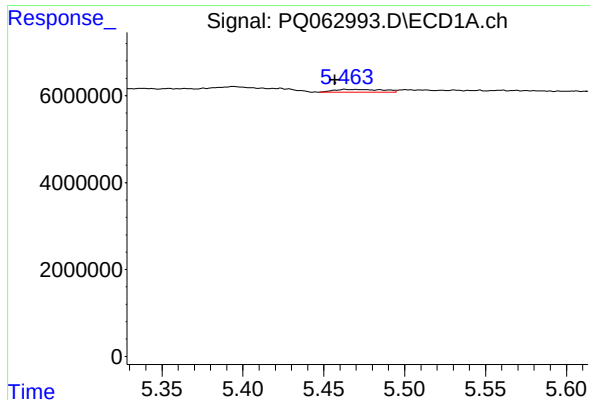
#24 AR-1248-4

R.T.: 5.394 min
Delta R.T.: -0.028 min
Response: 2934110
Conc: 12.31 ng/ml



#24 AR-1248-4

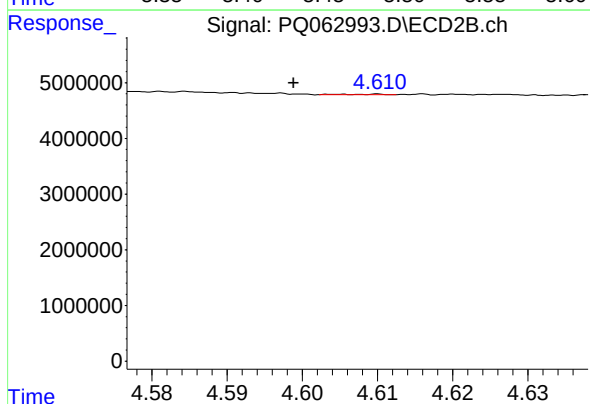
R.T.: 4.228 min
Delta R.T.: 0.007 min
Response: 408799
Conc: 2.15 ng/ml



#25 AR-1248-5

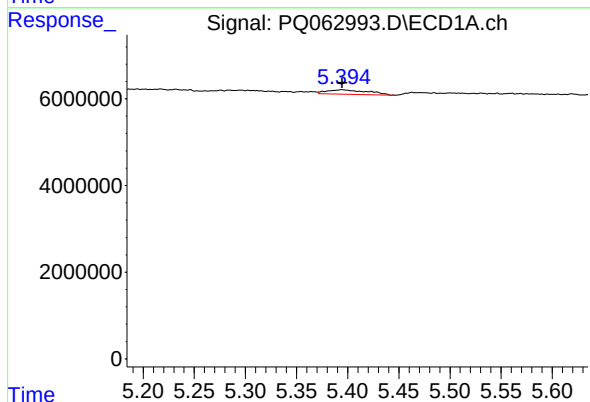
R.T.: 5.463 min
Delta R.T.: 0.006 min
Response: 1351980
Conc: 5.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



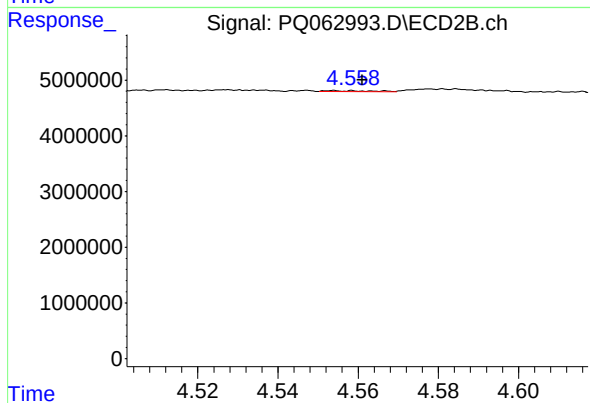
#25 AR-1248-5

R.T.: 4.610 min
Delta R.T.: 0.011 min
Response: 40111
Conc: 0.21 ng/ml



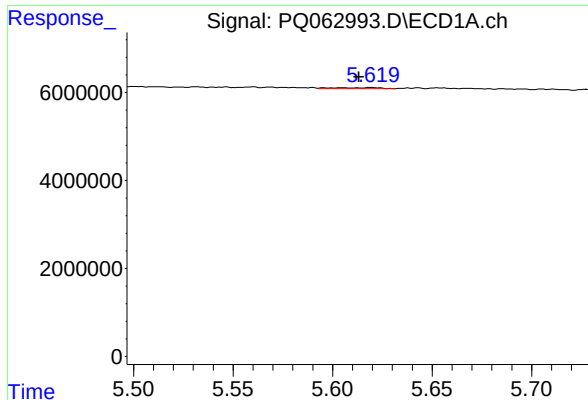
#26 AR-1254-1

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 2934110
Conc: 13.40 ng/ml



#26 AR-1254-1

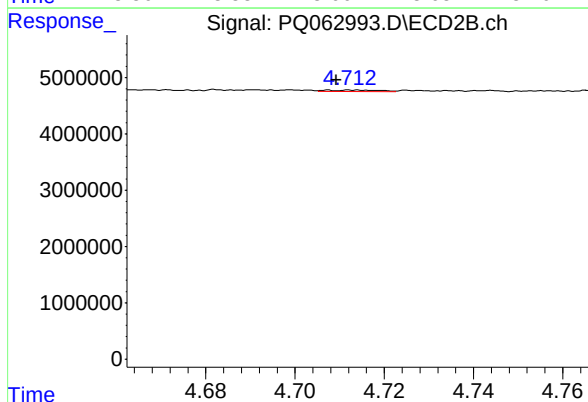
R.T.: 4.554 min
Delta R.T.: -0.007 min
Response: 132855
Conc: 0.50 ng/ml



#27 AR-1254-2

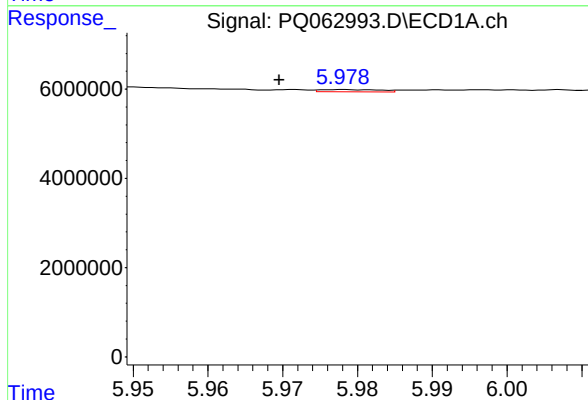
R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 396764
Conc: 1.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



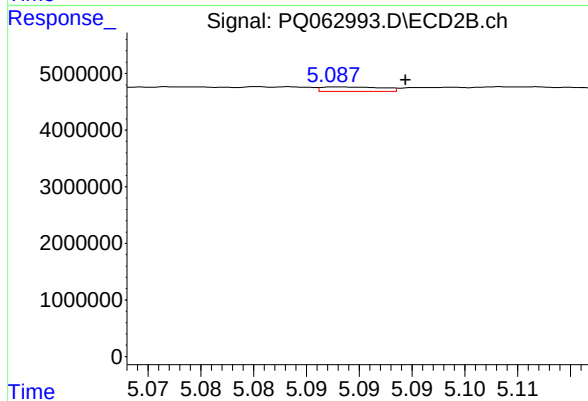
#27 AR-1254-2

R.T.: 4.707 min
Delta R.T.: -0.002 min
Response: 200463
Conc: 0.85 ng/ml



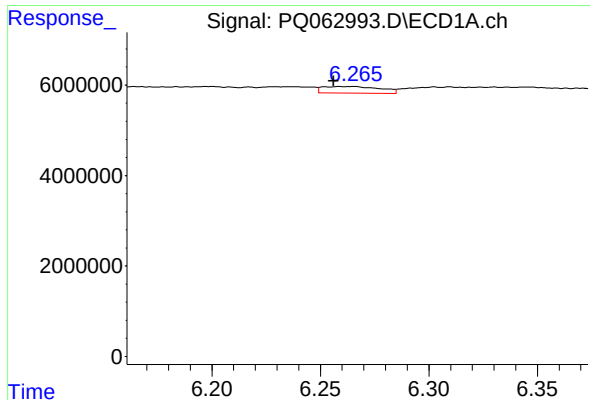
#28 AR-1254-3

R.T.: 5.978 min
Delta R.T.: 0.008 min
Response: 284656
Conc: 0.79 ng/ml



#28 AR-1254-3

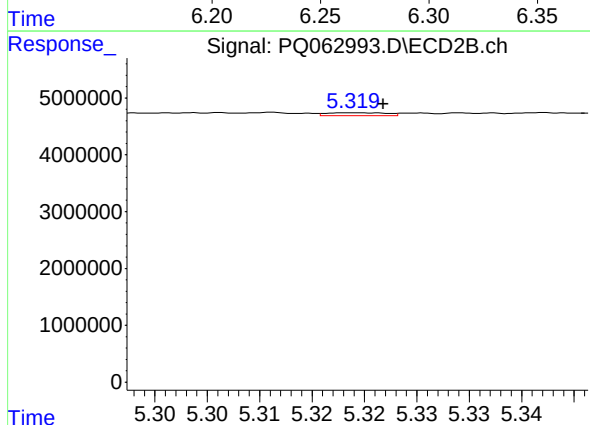
R.T.: 5.088 min
Delta R.T.: -0.006 min
Response: 324894
Conc: 0.86 ng/ml



#29 AR-1254-4

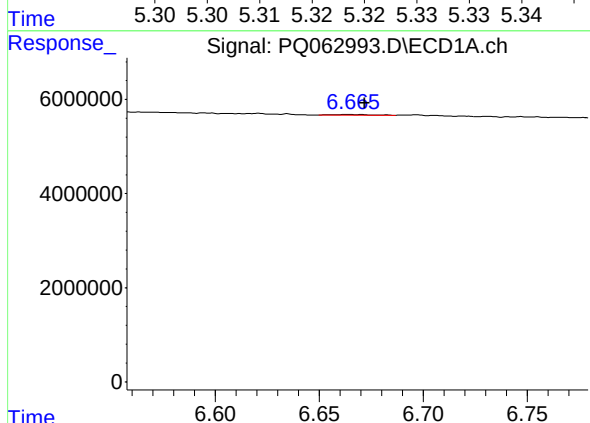
R.T.: 6.265 min
Delta R.T.: 0.009 min
Response: 2680606
Conc: 9.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



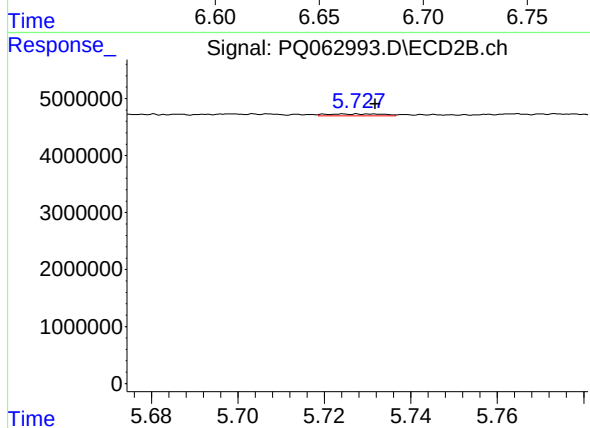
#29 AR-1254-4

R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 212129
Conc: 0.87 ng/ml



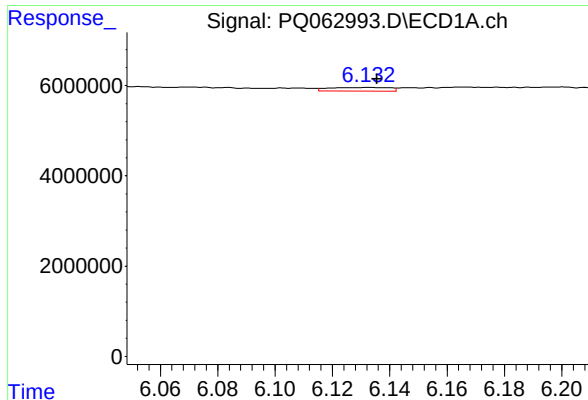
#30 AR-1254-5

R.T.: 6.664 min
Delta R.T.: -0.008 min
Response: 217773
Conc: 0.79 ng/ml



#30 AR-1254-5

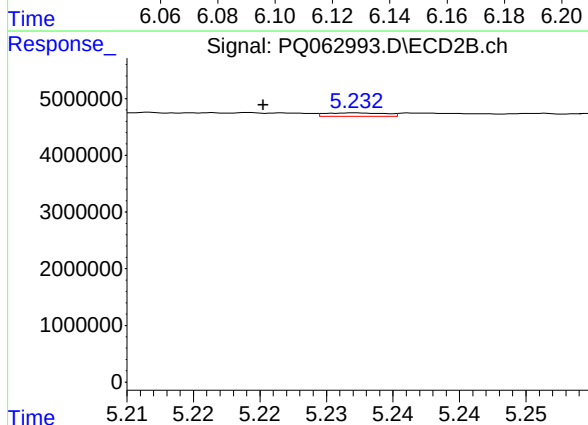
R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 294834
Conc: 0.85 ng/ml



#31 AR-1260-1

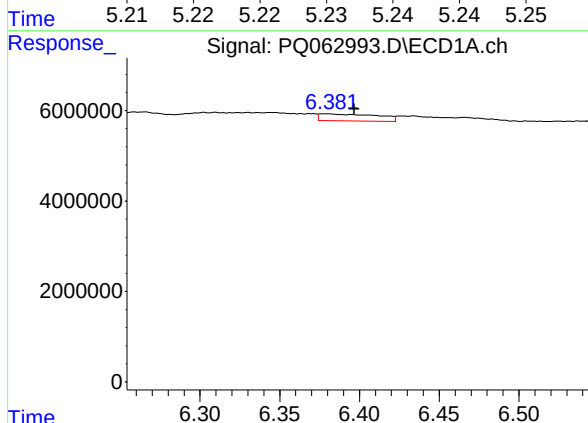
R.T.: 6.133 min
Delta R.T.: -0.003 min
Response: 1164363
Conc: 4.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



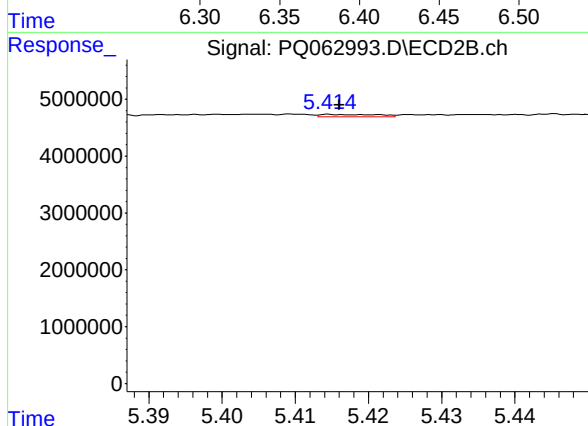
#31 AR-1260-1

R.T.: 5.232 min
Delta R.T.: 0.007 min
Response: 197402
Conc: 0.79 ng/ml



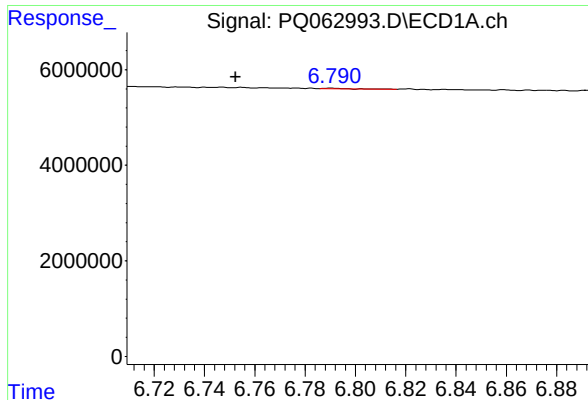
#32 AR-1260-2

R.T.: 6.380 min
Delta R.T.: -0.017 min
Response: 3904358
Conc: 12.86 ng/ml



#32 AR-1260-2

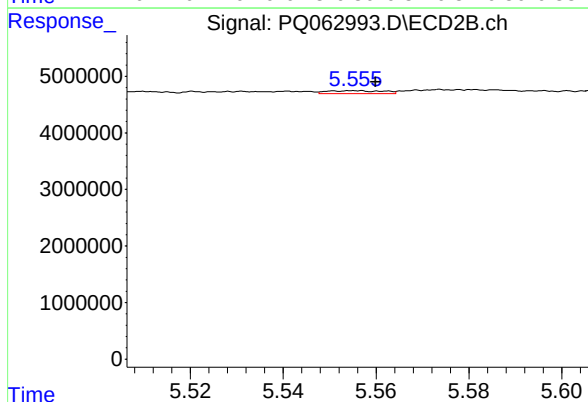
R.T.: 5.415 min
Delta R.T.: -0.001 min
Response: 241137
Conc: 0.78 ng/ml



#33 AR-1260-3

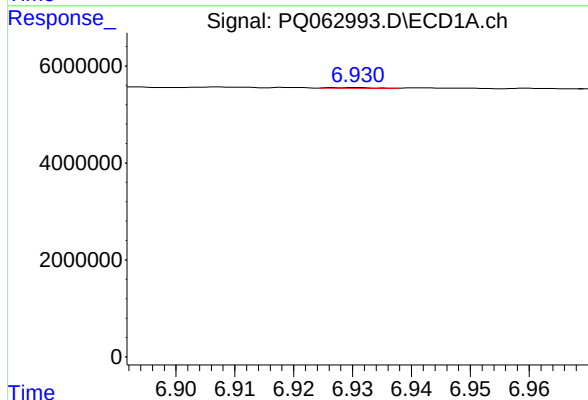
R.T.: 6.791 min
Delta R.T.: 0.038 min
Response: 103522
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



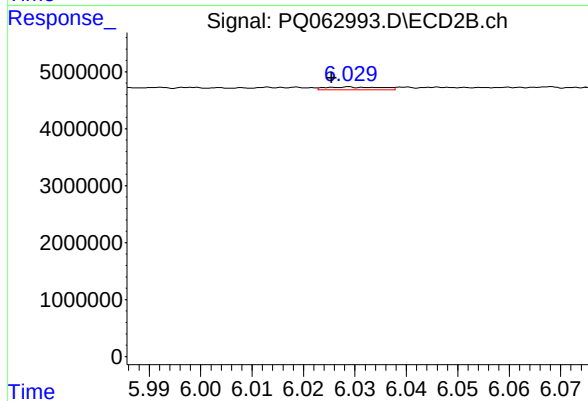
#33 AR-1260-3

R.T.: 5.555 min
Delta R.T.: -0.005 min
Response: 455549
Conc: 1.47 ng/ml



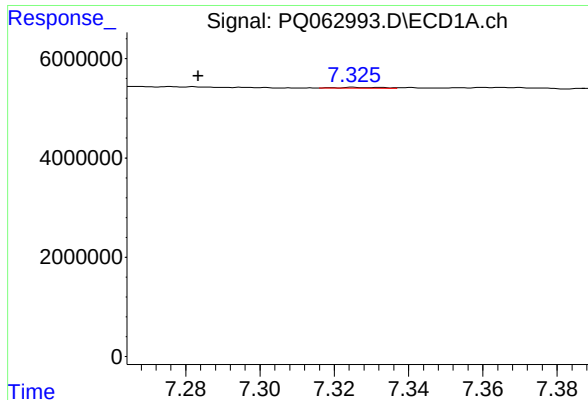
#34 AR-1260-4

R.T.: 6.930 min
Delta R.T.: -0.041 min
Response: 71859
Conc: 0.30 ng/ml



#34 AR-1260-4

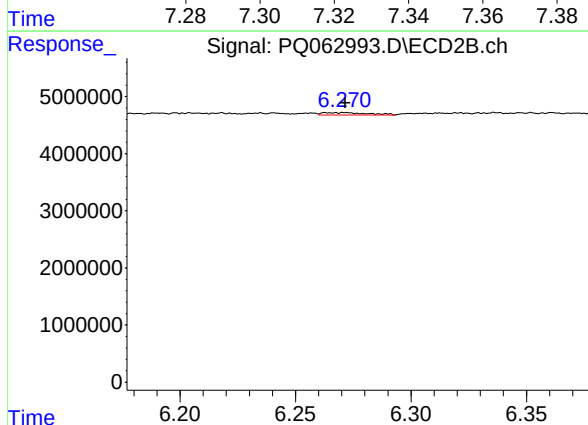
R.T.: 6.029 min
Delta R.T.: 0.003 min
Response: 384849
Conc: 1.57 ng/ml



#35 AR-1260-5

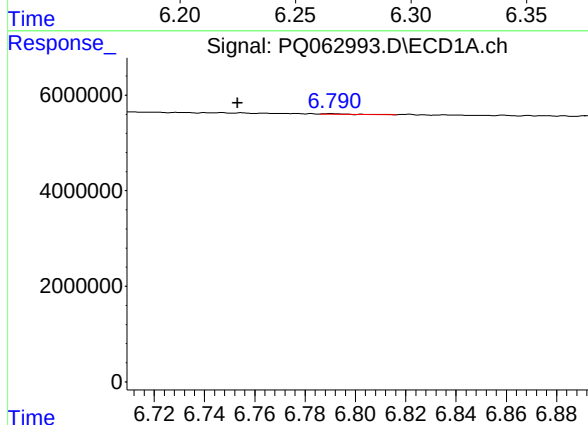
R.T.: 7.325 min
Delta R.T.: 0.042 min
Response: 143142
Conc: 0.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



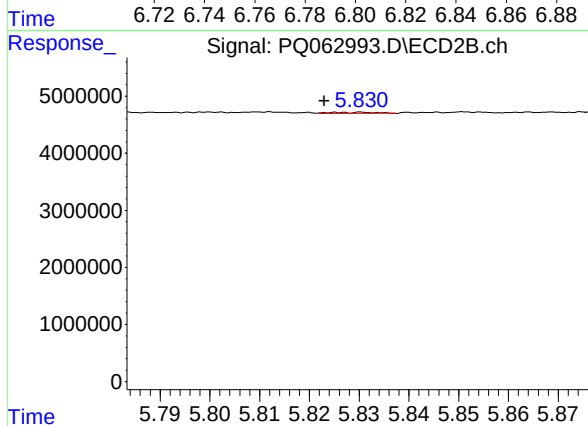
#35 AR-1260-5

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 530845
Conc: 0.97 ng/ml



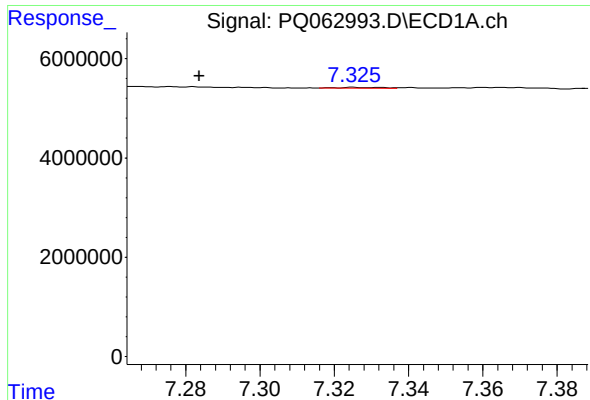
#36 AR-1262-1

R.T.: 6.791 min
Delta R.T.: 0.038 min
Response: 103522
Conc: 0.32 ng/ml



#36 AR-1262-1

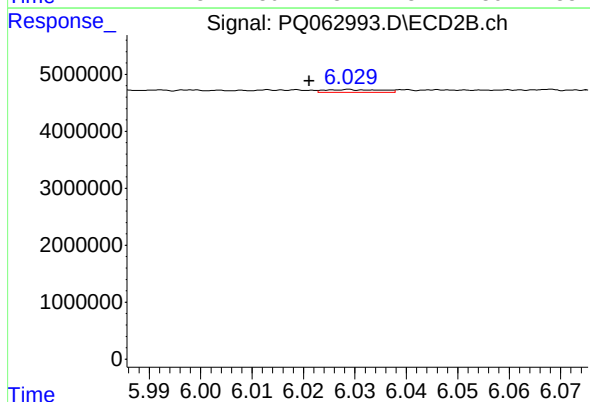
R.T.: 5.825 min
Delta R.T.: 0.003 min
Response: 115893
Conc: 0.81 ng/ml



#37 AR-1262-2

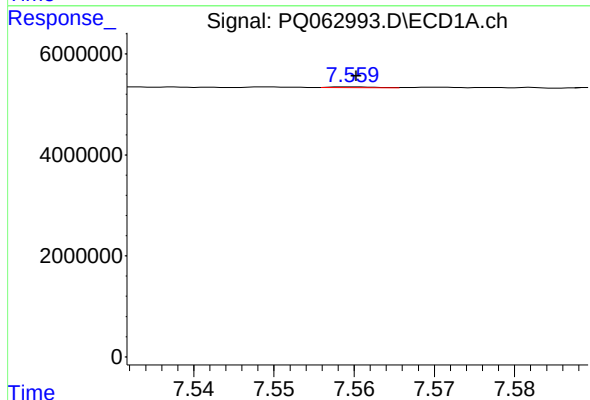
R.T.: 7.325 min
Delta R.T.: 0.042 min
Response: 143142
Conc: 0.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



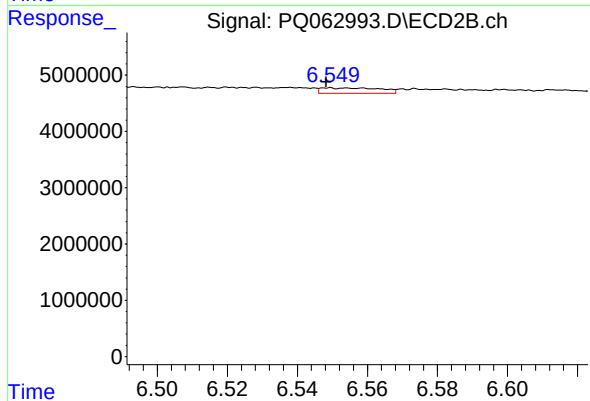
#37 AR-1262-2

R.T.: 6.029 min
Delta R.T.: 0.008 min
Response: 384849
Conc: 1.23 ng/ml



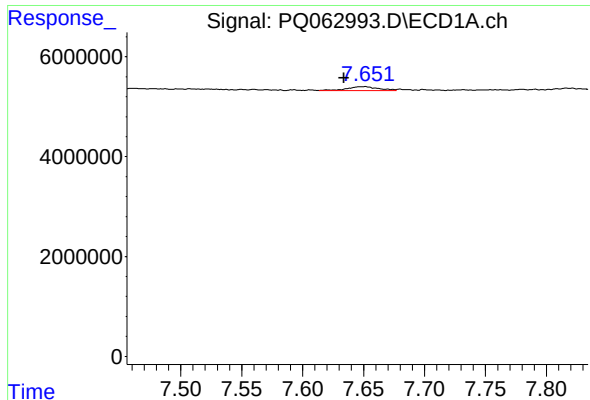
#38 AR-1262-3

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 61152
Conc: 0.17 ng/ml



#38 AR-1262-3

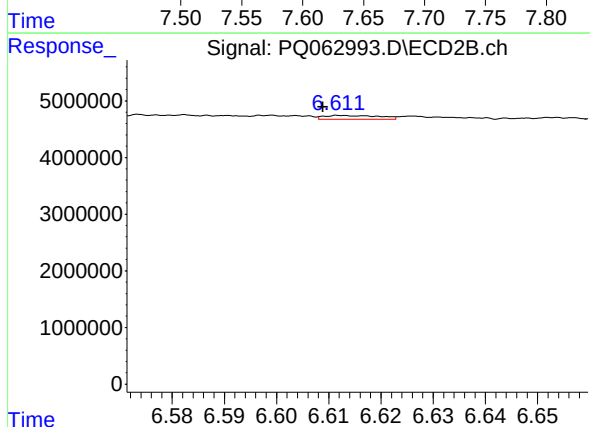
R.T.: 6.549 min
Delta R.T.: 0.001 min
Response: 1157208
Conc: 4.59 ng/ml



#39 AR-1262-4

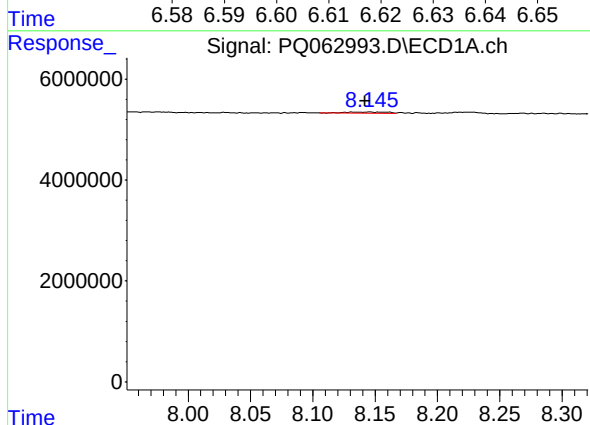
R.T.: 7.651 min
Delta R.T.: 0.017 min
Response: 1410894
Conc: 5.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



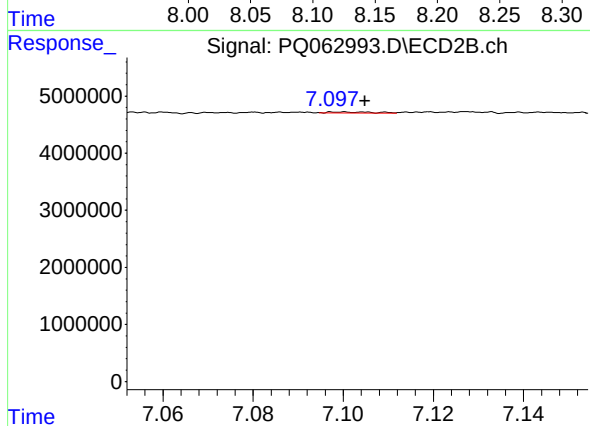
#39 AR-1262-4

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 493526
Conc: 1.06 ng/ml



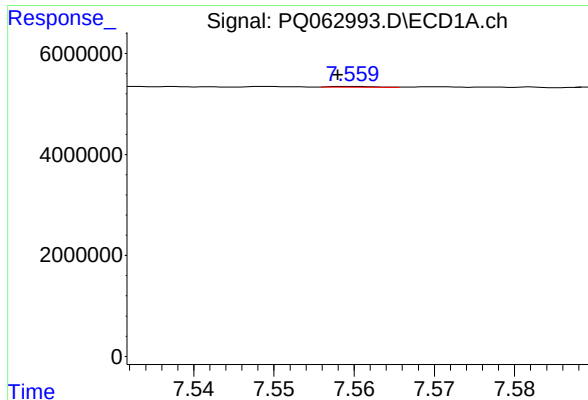
#40 AR-1262-5

R.T.: 8.145 min
Delta R.T.: 0.004 min
Response: 451593
Conc: 2.40 ng/ml



#40 AR-1262-5

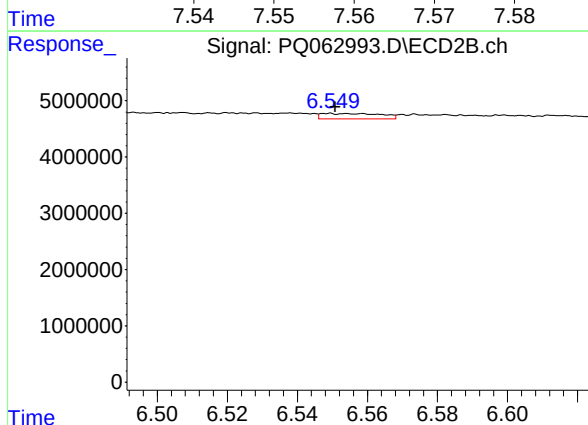
R.T.: 7.100 min
Delta R.T.: -0.004 min
Response: 124200
Conc: 0.57 ng/ml



#41 AR-1268-1

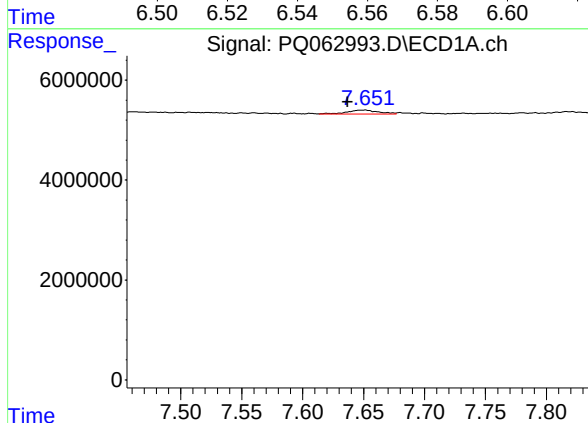
R.T.: 7.560 min
Delta R.T.: 0.002 min
Response: 61152
Conc: 0.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



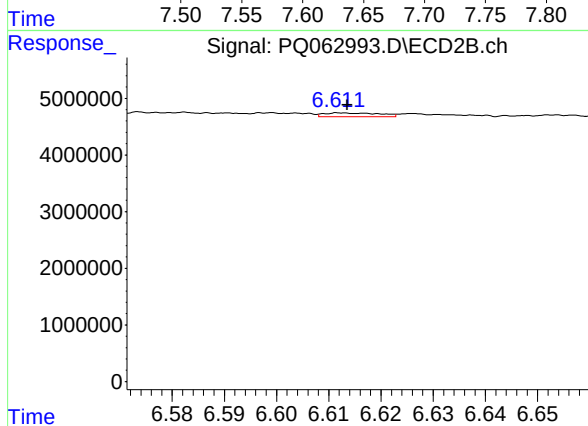
#41 AR-1268-1

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 1157208
Conc: 1.55 ng/ml



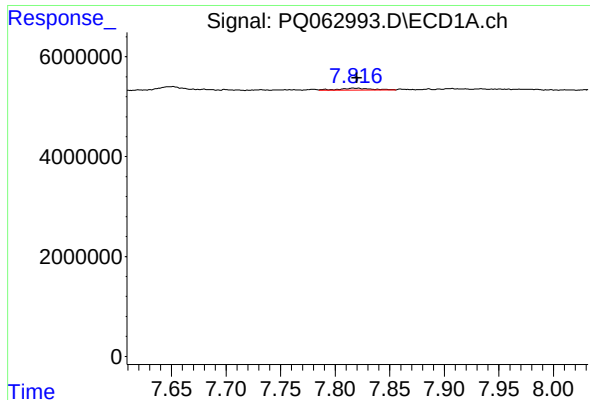
#42 AR-1268-2

R.T.: 7.651 min
Delta R.T.: 0.015 min
Response: 1410894
Conc: 2.35 ng/ml



#42 AR-1268-2

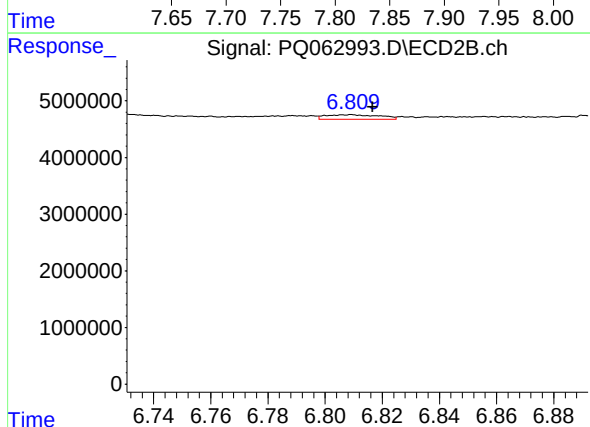
R.T.: 6.612 min
Delta R.T.: -0.001 min
Response: 493526
Conc: 0.72 ng/ml



#43 AR-1268-3

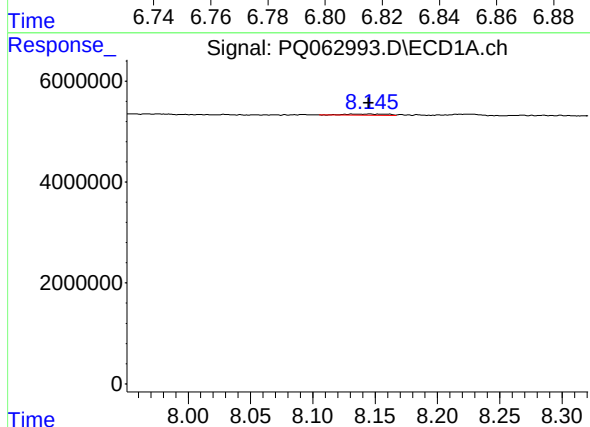
R.T.: 7.816 min
Delta R.T.: -0.003 min
Response: 797992
Conc: 1.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



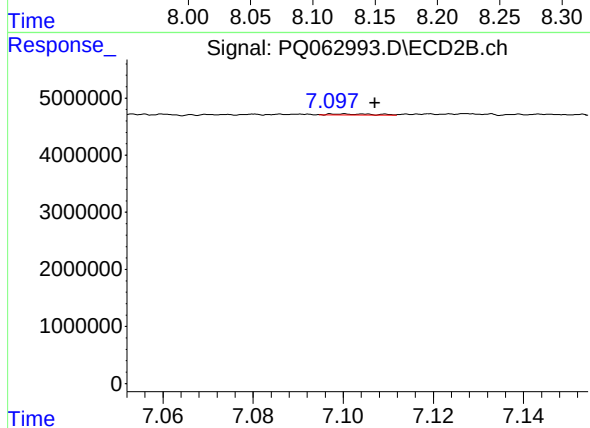
#43 AR-1268-3

R.T.: 6.809 min
Delta R.T.: -0.007 min
Response: 1076180
Conc: 1.83 ng/ml



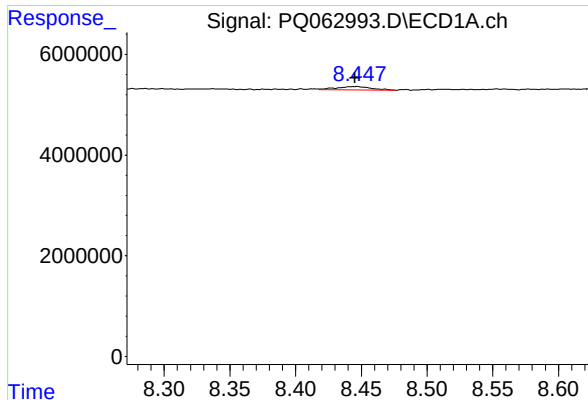
#44 AR-1268-4

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 451593
Conc: 2.10 ng/ml



#44 AR-1268-4

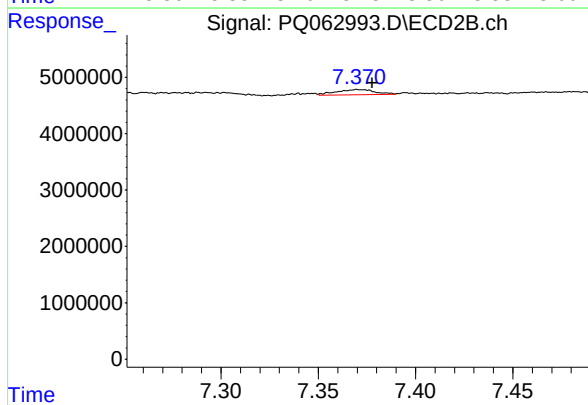
R.T.: 7.100 min
Delta R.T.: -0.007 min
Response: 124200
Conc: 0.49 ng/ml



#45 AR-1268-5

R.T.: 8.446 min
Delta R.T.: 0.001 min
Response: 1263007
Conc: 0.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.370 min
Delta R.T.: -0.008 min
Response: 1313202
Conc: 0.74 ng/ml