

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092723\
 Data File : PQ063405.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 13:48
 Operator : YP\AJ
 Sample : 04613-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 01:19:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 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...	3.463	2.781	63056096	45237754	13.463	13.090
2) SA Decachlor...	8.698	7.580	47442714	51252815	13.576	14.258
Target Compounds						
3) L1 AR-1016-1	4.603	3.789	9279056	598804	63.819	4.807 #
4) L1 AR-1016-2	4.603	3.806	9279056	180457	39.715	1.015 #
5) L1 AR-1016-3	4.664	3.972	6169554	217802	42.935	2.257 #
6) L1 AR-1016-4	4.734	4.018	270180	688508	2.369	8.494 #
7) L1 AR-1016-5	5.053	4.225	11634677	9869190	99.012	98.040
8) L2 AR-1221-1	3.672	2.985	1166498	4932719	20.389	106.059 #
9) L2 AR-1221-2	3.743	3.074	2071657	153766	54.799	4.972 #
10) L2 AR-1221-3	3.808	3.132	2881349	487364	22.829	4.574 #
11) L3 AR-1232-1	3.808	3.132	2881349	487364	27.669	5.605 #
12) L3 AR-1232-2	4.324	3.806	6774515	180457	106.505	2.231 #
13) L3 AR-1232-3	4.603	3.972	9279056	217802	88.545	5.134 #
14) L3 AR-1232-4	4.734	4.053	270180	522999	5.437	14.263 #
15) L3 AR-1232-5	4.849	4.225	550644	9869190	14.498	228.782 #
16) L4 AR-1242-1	4.603	3.789	9279056	598804	70.363	5.488 #
17) L4 AR-1242-2	4.603	3.806	9279056	180457	44.841	1.161 #
18) L4 AR-1242-3	4.664	3.972	6169554	217802	48.665	2.597 #
19) L4 AR-1242-4	4.734	4.053	270180	522999	2.620	6.526 #
20) L4 AR-1242-5	5.444f	4.551	4232980	4327145	38.707	41.348
21) L5 AR-1248-1	4.603	3.789	9279056	598804	94.423	7.462 #
22) L5 AR-1248-2	4.849	4.018	550644	688508	3.850	5.751 #
23) L5 AR-1248-3	5.053	4.053	11634677	522999	67.632	4.562 #
24) L5 AR-1248-4	5.444	4.225	4232980	9869190	22.140	69.993 #
25) L5 AR-1248-5	5.444f	4.588	4232980	1218660	22.753	8.819 #
26) L6 AR-1254-1	5.400	4.551	13124445	4327145	65.260	20.522 #
27) L6 AR-1254-2	5.615	4.700	43909251	2060407	144.011	11.132 #
28) L6 AR-1254-3	5.981	5.086	5380305	1416990	16.401	4.952 #
29) L6 AR-1254-4	6.275	5.307	5725707	1436273	23.640	7.758 #
30) L6 AR-1254-5	6.688	5.722	4462026	1650852	17.375	6.390 #
31) L7 AR-1260-1	6.158	5.221	4540589	8674807	18.877	42.961 #
32) L7 AR-1260-2	6.405	5.410	8638293	3429233	30.489	14.014 #
33) L7 AR-1260-3	6.802f	5.547	31699186	3582907	155.939	15.151 #
34) L7 AR-1260-4	6.988	6.010	306984	526132	1.288	2.756 #
35) L7 AR-1260-5	7.297	6.268	367005	4150771	0.820	9.478 #
36) L8 AR-1262-1	6.802f	5.818	31699186	435164	101.813	4.136 #
37) L8 AR-1262-2	7.297	6.010	367005	526132	0.707	2.266 #
38) L8 AR-1262-3	7.569	6.560	1183661	20283251	3.419	105.600 #
39) L8 AR-1262-4	7.648	6.606	489761	5461985	1.799	15.619 #
40) L8 AR-1262-5	8.157	7.097	279002	163791	1.627	0.989 #
41) L9 AR-1268-1	7.569	6.560	1183661	20283251	1.916	36.175 #

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 Quant Time: Sep 28 01:19:56 2023
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 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

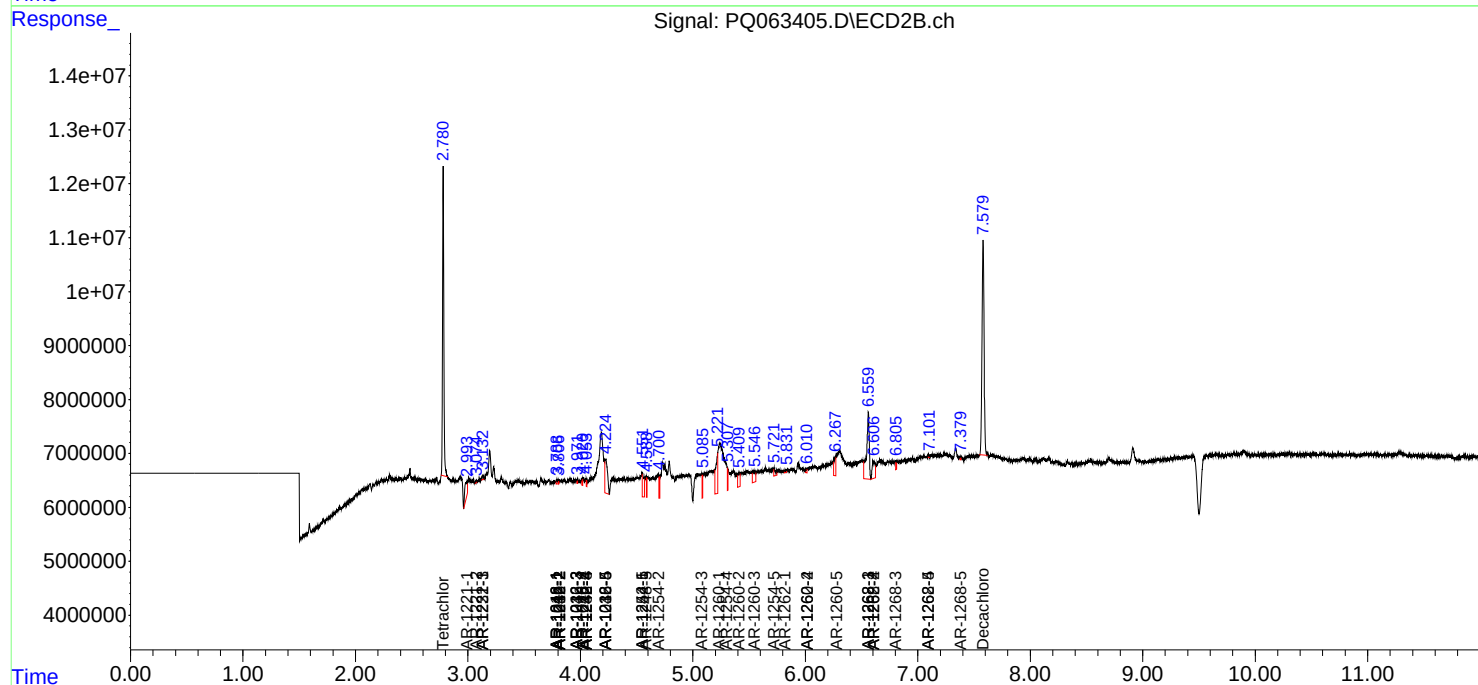
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

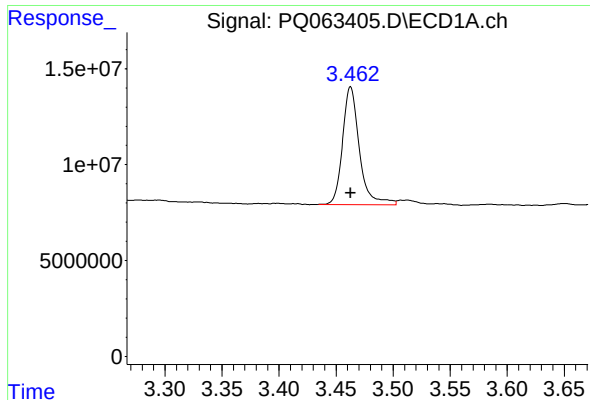
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.648	6.606	489761	5461985	0.855	10.981 #
43) L9	AR-1268-3	7.837	6.806	887330	690753	1.820	1.620
44) L9	AR-1268-4	8.157	7.097	279002	163791	1.450	0.885 #
45) L9	AR-1268-5	8.447	7.381	1219027	245216	0.854	0.186 #

(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

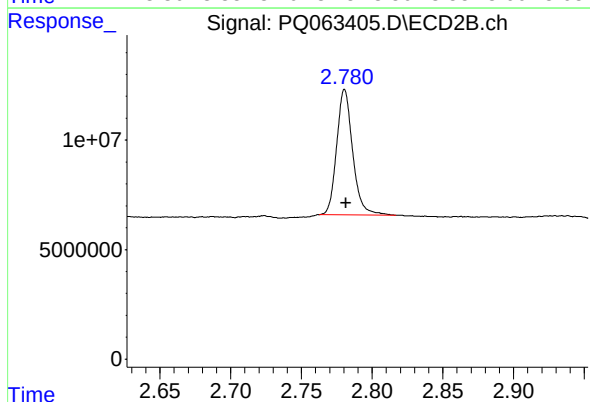




#1 Tetrachloro-m-xylene

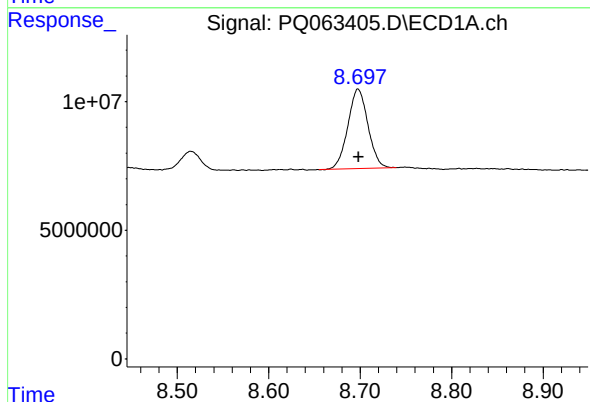
R.T.: 3.463 min
Delta R.T.: 0.000 min
Response: 63056096
Conc: 13.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



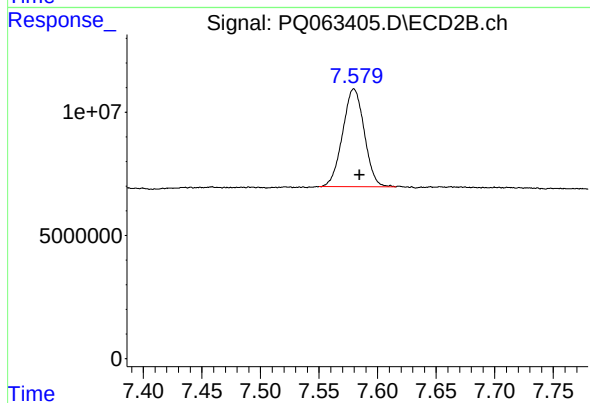
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 45237754
Conc: 13.09 ng/ml



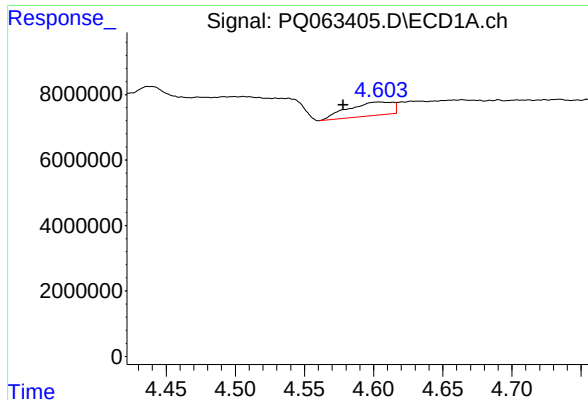
#2 Decachlorobiphenyl

R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 47442714
Conc: 13.58 ng/ml



#2 Decachlorobiphenyl

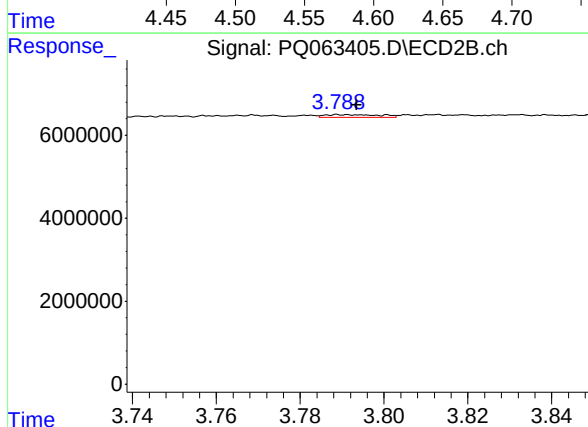
R.T.: 7.580 min
Delta R.T.: -0.005 min
Response: 51252815
Conc: 14.26 ng/ml



#3 AR-1016-1

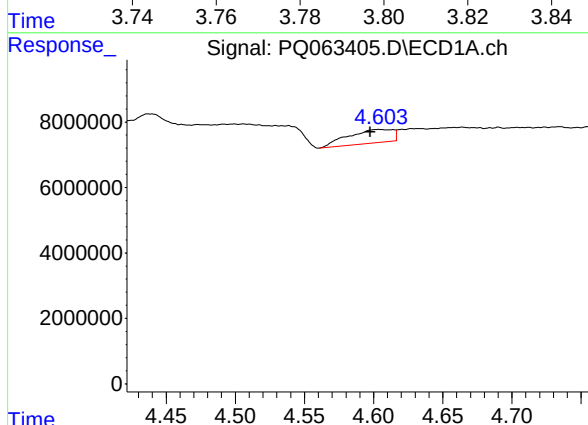
R.T.: 4.603 min
Delta R.T.: 0.025 min
Response: 9279056
Conc: 63.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



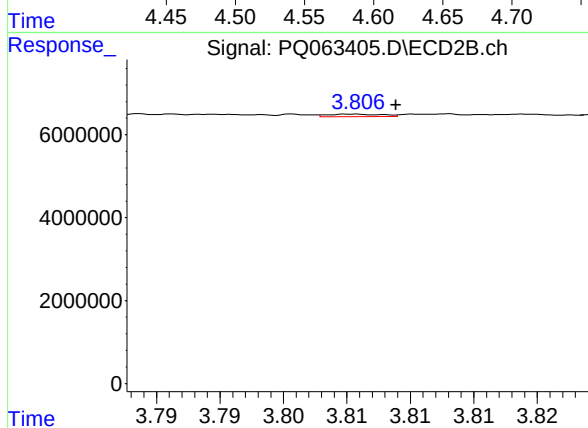
#3 AR-1016-1

R.T.: 3.789 min
Delta R.T.: -0.004 min
Response: 598804
Conc: 4.81 ng/ml



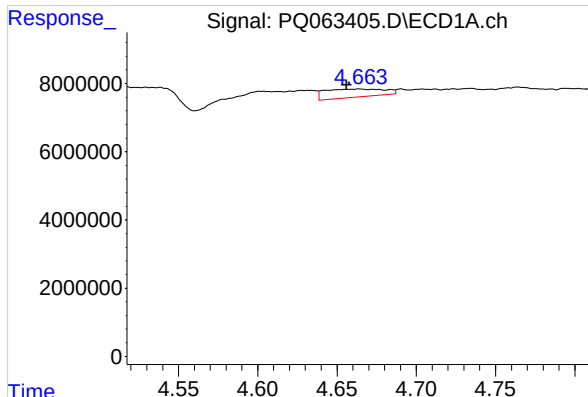
#4 AR-1016-2

R.T.: 4.603 min
Delta R.T.: 0.005 min
Response: 9279056
Conc: 39.72 ng/ml



#4 AR-1016-2

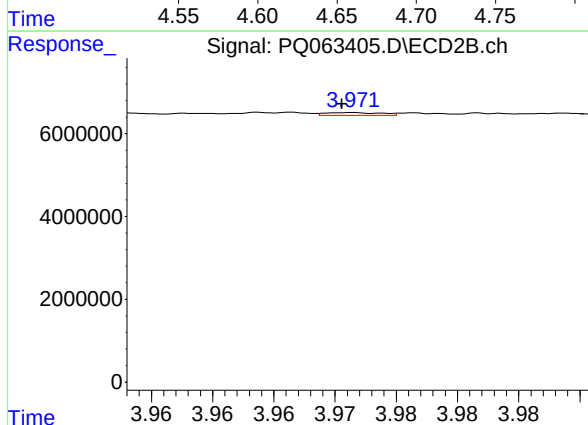
R.T.: 3.806 min
Delta R.T.: -0.003 min
Response: 180457
Conc: 1.02 ng/ml



#5 AR-1016-3

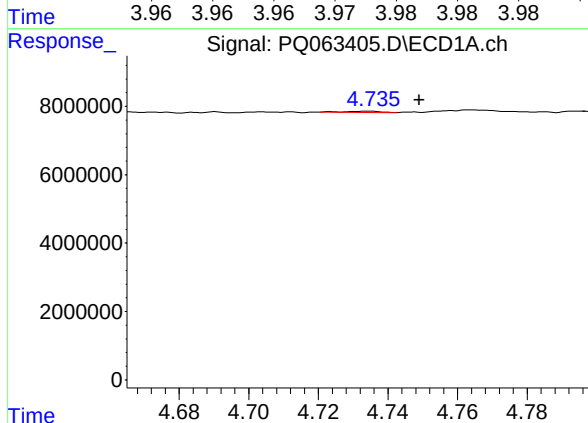
R.T.: 4.664 min
Delta R.T.: 0.008 min
Response: 6169554
Conc: 42.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



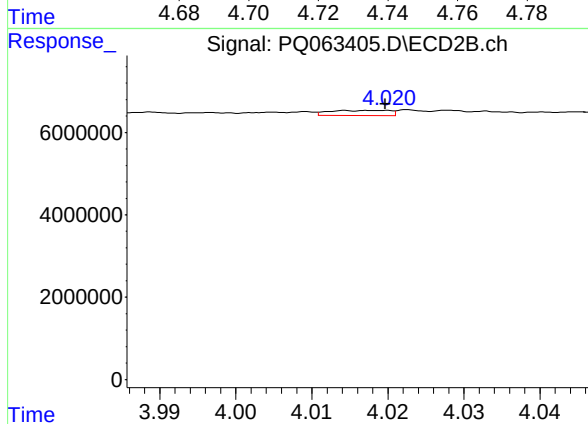
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 217802
Conc: 2.26 ng/ml



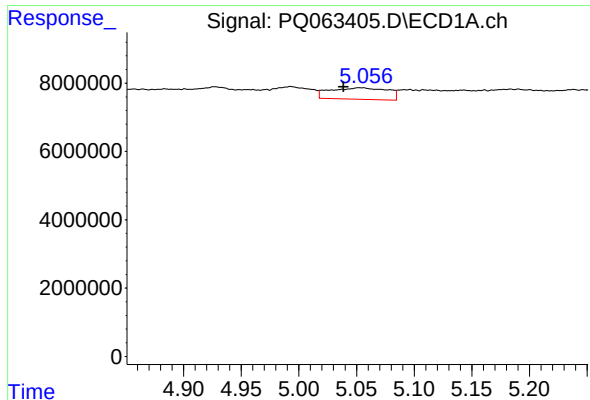
#6 AR-1016-4

R.T.: 4.734 min
Delta R.T.: -0.015 min
Response: 270180
Conc: 2.37 ng/ml



#6 AR-1016-4

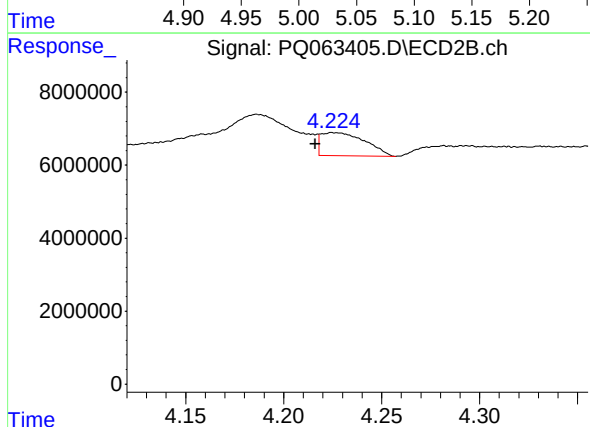
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 688508
Conc: 8.49 ng/ml



#7 AR-1016-5

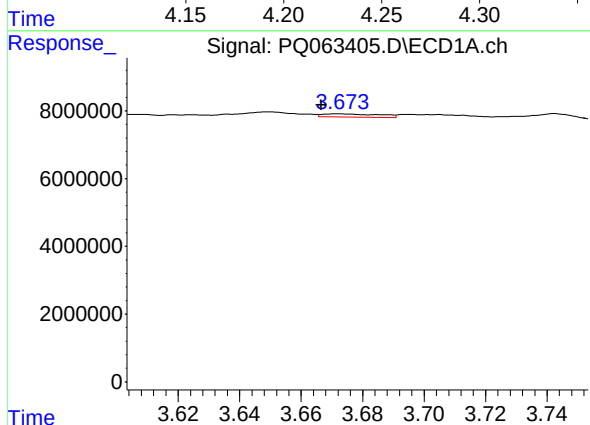
R.T.: 5.053 min
Delta R.T.: 0.014 min
Response: 11634677
Conc: 99.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



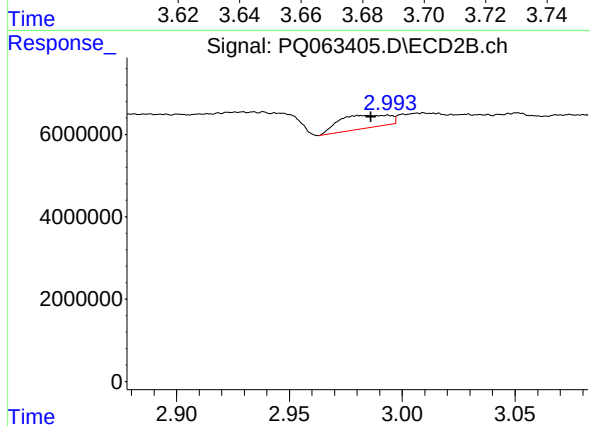
#7 AR-1016-5

R.T.: 4.225 min
Delta R.T.: 0.008 min
Response: 9869190
Conc: 98.04 ng/ml



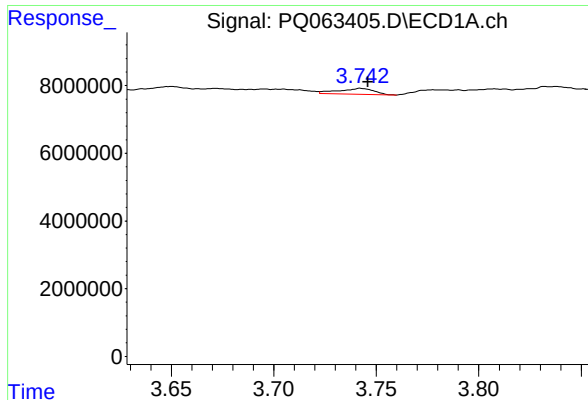
#8 AR-1221-1

R.T.: 3.672 min
Delta R.T.: 0.005 min
Response: 1166498
Conc: 20.39 ng/ml



#8 AR-1221-1

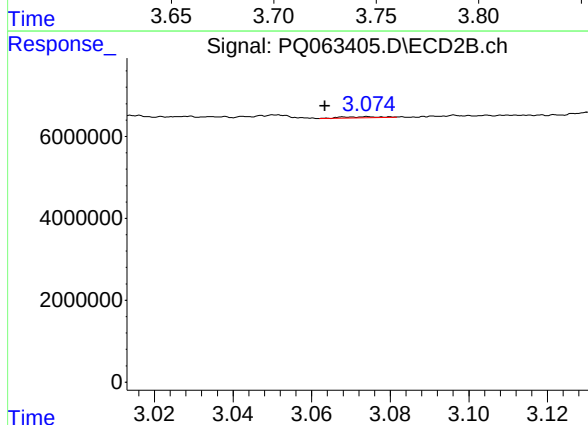
R.T.: 2.985 min
Delta R.T.: -0.002 min
Response: 4932719
Conc: 106.06 ng/ml



#9 AR-1221-2

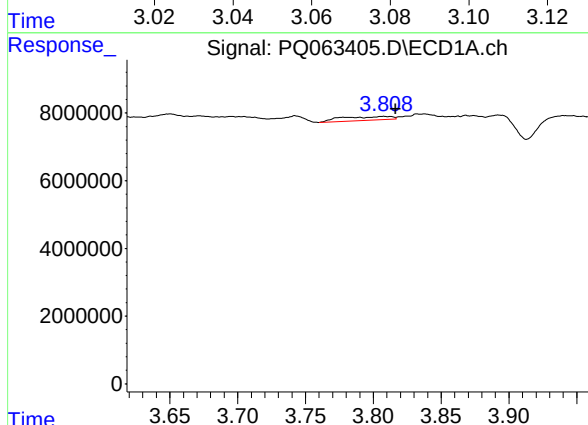
R.T.: 3.743 min
Delta R.T.: -0.003 min
Response: 2071657
Conc: 54.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



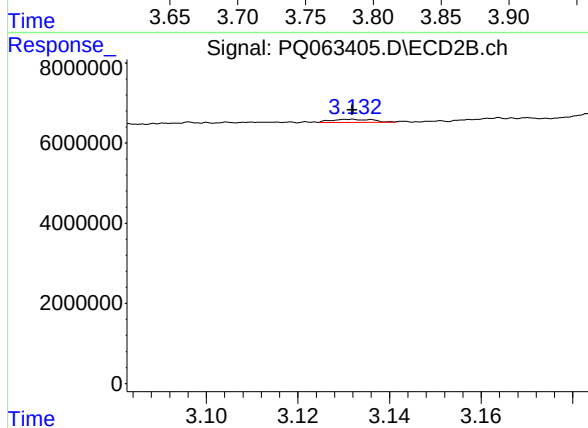
#9 AR-1221-2

R.T.: 3.074 min
Delta R.T.: 0.011 min
Response: 153766
Conc: 4.97 ng/ml



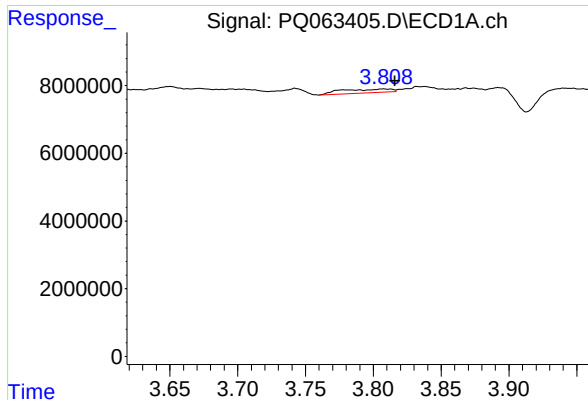
#10 AR-1221-3

R.T.: 3.808 min
Delta R.T.: -0.009 min
Response: 2881349
Conc: 22.83 ng/ml



#10 AR-1221-3

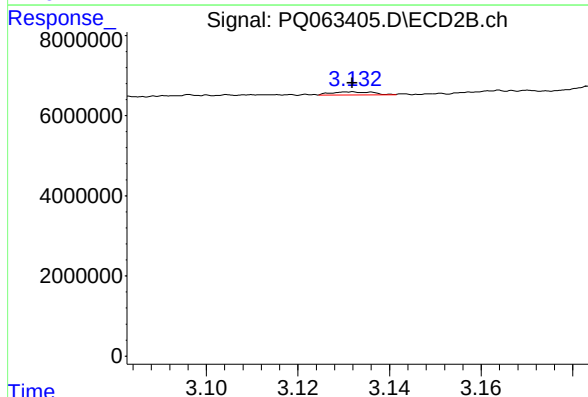
R.T.: 3.132 min
Delta R.T.: 0.000 min
Response: 487364
Conc: 4.57 ng/ml



#11 AR-1232-1

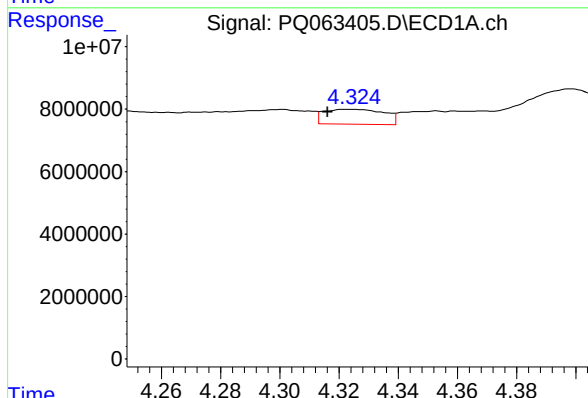
R.T.: 3.808 min
Delta R.T.: -0.008 min
Response: 2881349
Conc: 27.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



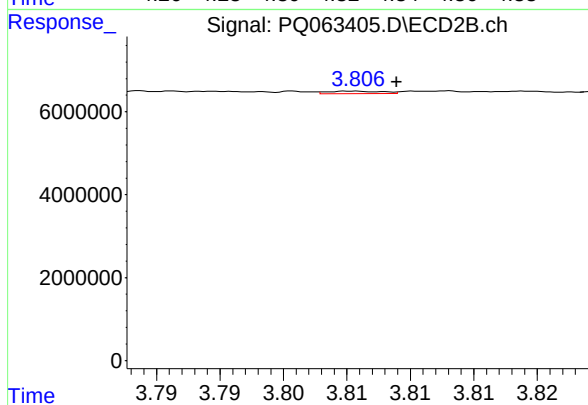
#11 AR-1232-1

R.T.: 3.132 min
Delta R.T.: 0.000 min
Response: 487364
Conc: 5.61 ng/ml



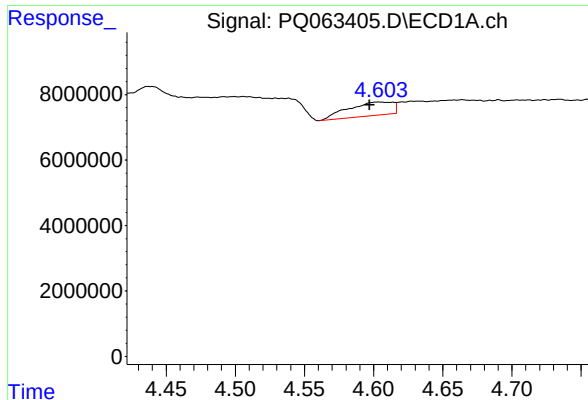
#12 AR-1232-2

R.T.: 4.324 min
Delta R.T.: 0.008 min
Response: 6774515
Conc: 106.50 ng/ml



#12 AR-1232-2

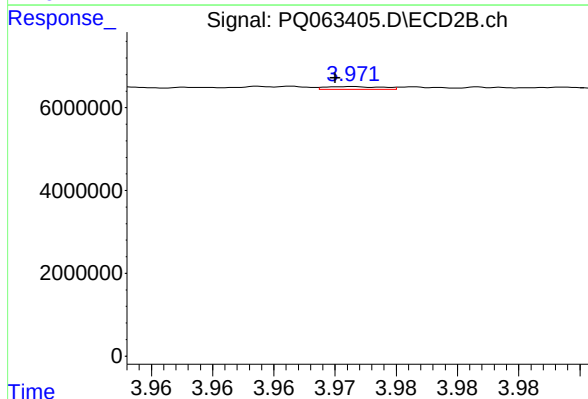
R.T.: 3.806 min
Delta R.T.: -0.003 min
Response: 180457
Conc: 2.23 ng/ml



#13 AR-1232-3

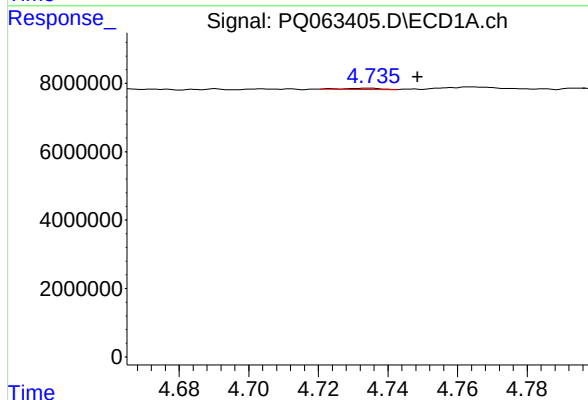
R.T.: 4.603 min
Delta R.T.: 0.006 min
Response: 9279056
Conc: 88.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



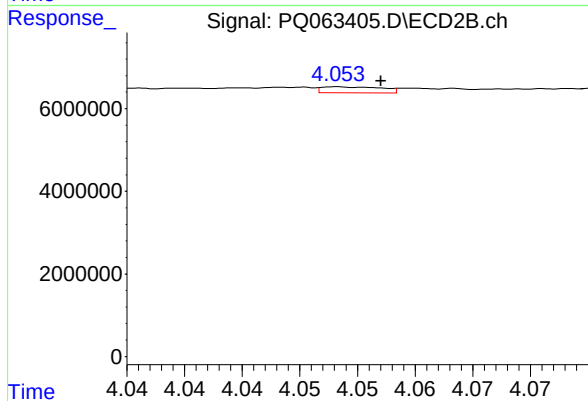
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: 0.002 min
Response: 217802
Conc: 5.13 ng/ml



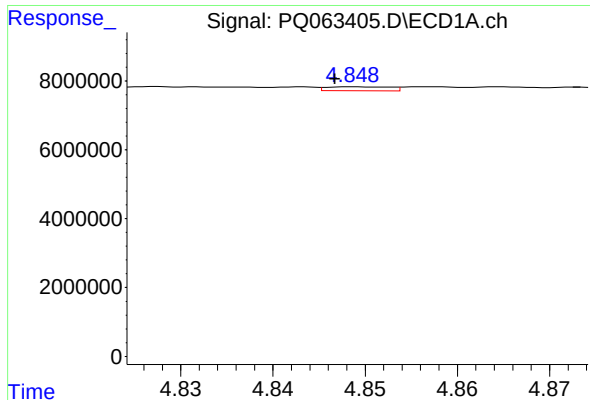
#14 AR-1232-4

R.T.: 4.734 min
Delta R.T.: -0.014 min
Response: 270180
Conc: 5.44 ng/ml



#14 AR-1232-4

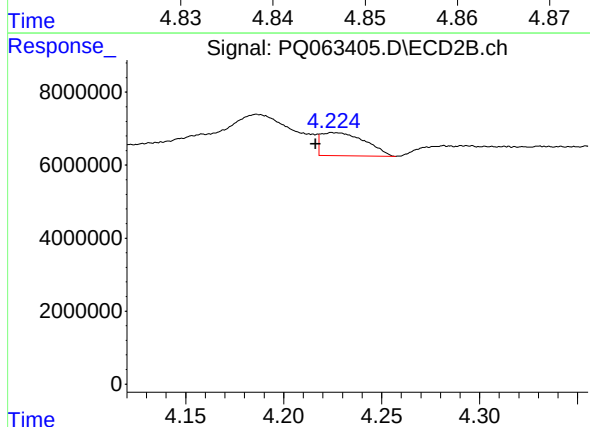
R.T.: 4.053 min
Delta R.T.: -0.004 min
Response: 522999
Conc: 14.26 ng/ml



#15 AR-1232-5

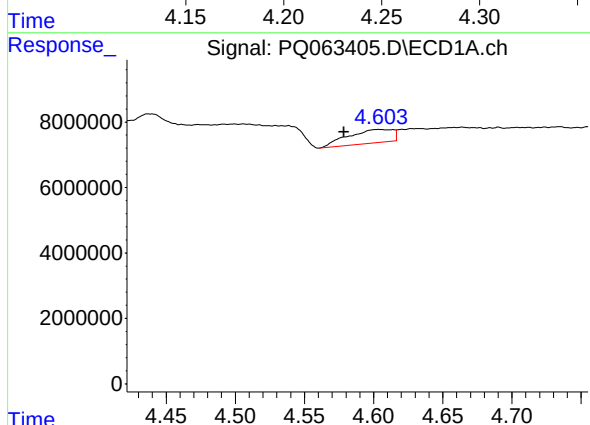
R.T.: 4.849 min
Delta R.T.: 0.002 min
Response: 550644
Conc: 14.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



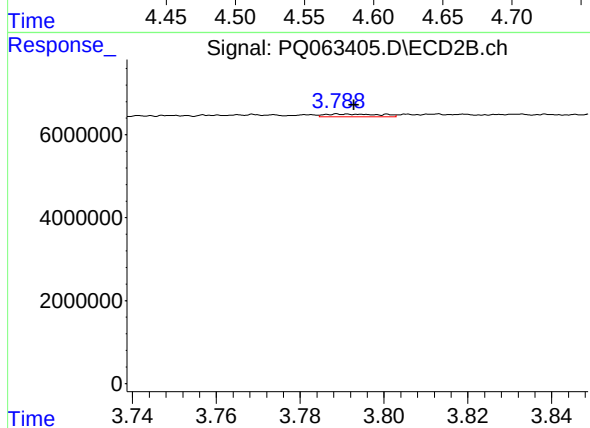
#15 AR-1232-5

R.T.: 4.225 min
Delta R.T.: 0.008 min
Response: 9869190
Conc: 228.78 ng/ml



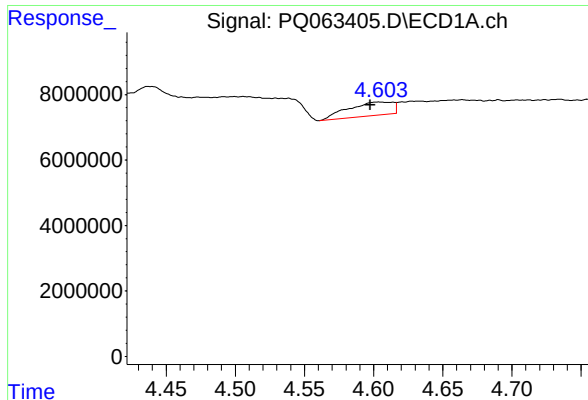
#16 AR-1242-1

R.T.: 4.603 min
Delta R.T.: 0.024 min
Response: 9279056
Conc: 70.36 ng/ml



#16 AR-1242-1

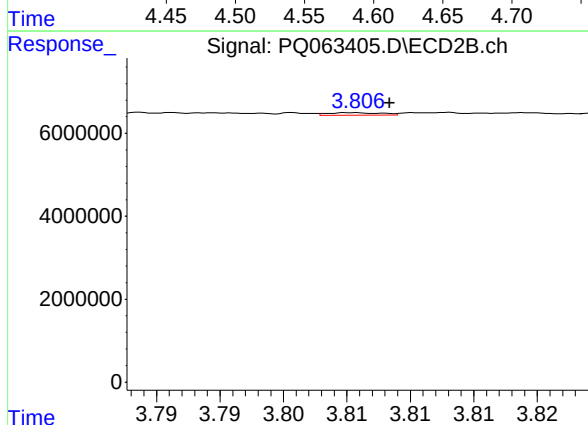
R.T.: 3.789 min
Delta R.T.: -0.004 min
Response: 598804
Conc: 5.49 ng/ml



#17 AR-1242-2

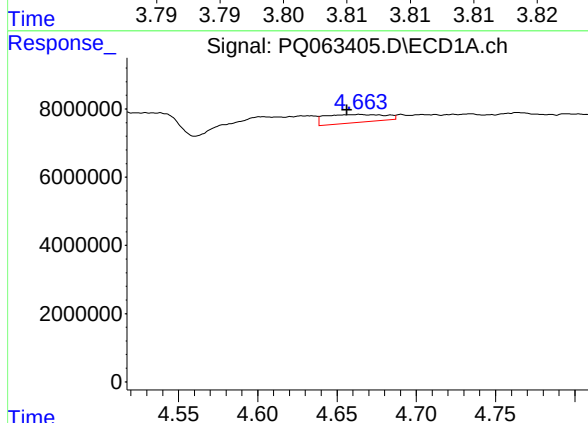
R.T.: 4.603 min
Delta R.T.: 0.005 min
Response: 9279056
Conc: 44.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



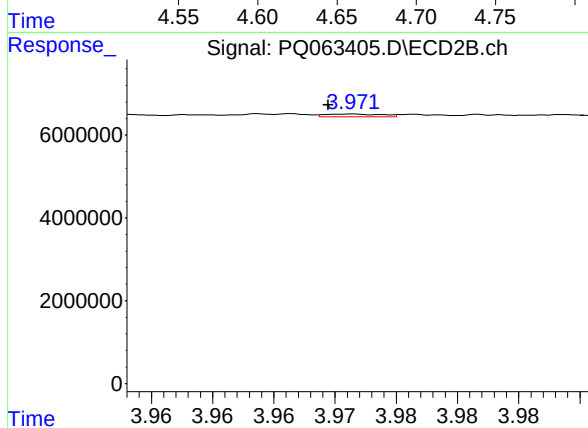
#17 AR-1242-2

R.T.: 3.806 min
Delta R.T.: -0.003 min
Response: 180457
Conc: 1.16 ng/ml



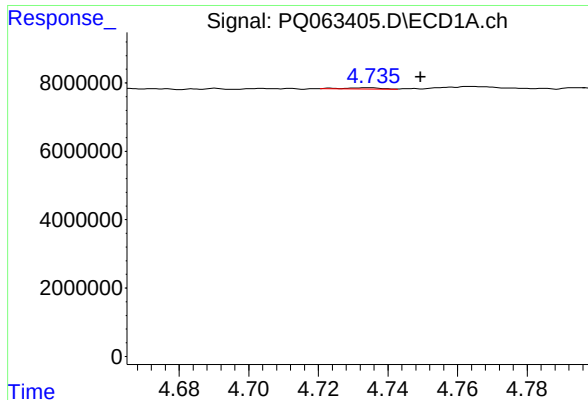
#18 AR-1242-3

R.T.: 4.664 min
Delta R.T.: 0.008 min
Response: 6169554
Conc: 48.67 ng/ml



#18 AR-1242-3

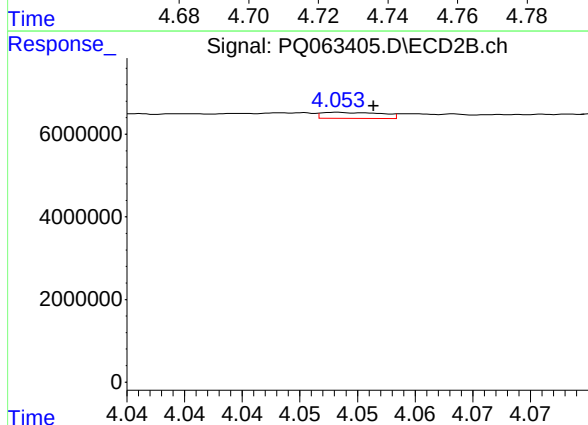
R.T.: 3.972 min
Delta R.T.: 0.002 min
Response: 217802
Conc: 2.60 ng/ml



#19 AR-1242-4

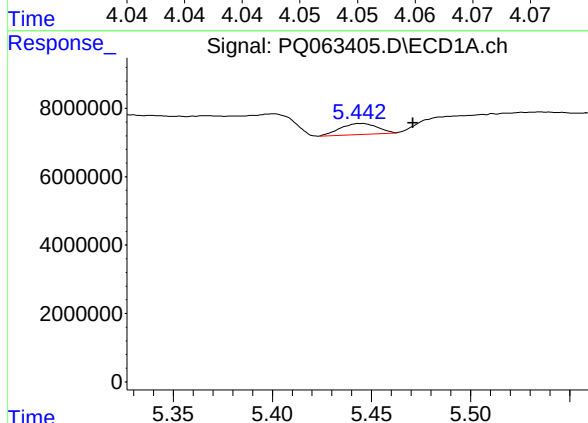
R.T.: 4.734 min
Delta R.T.: -0.015 min
Response: 270180
Conc: 2.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



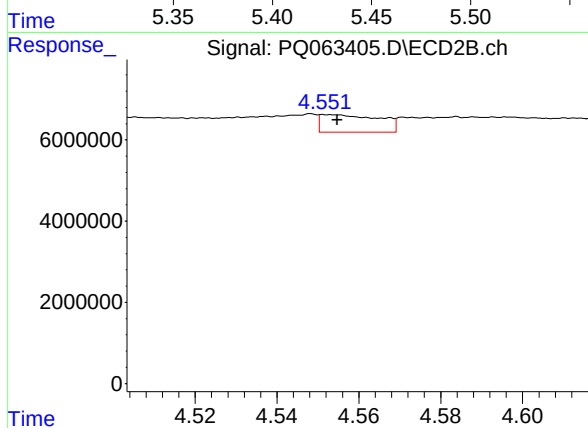
#19 AR-1242-4

R.T.: 4.053 min
Delta R.T.: -0.003 min
Response: 522999
Conc: 6.53 ng/ml



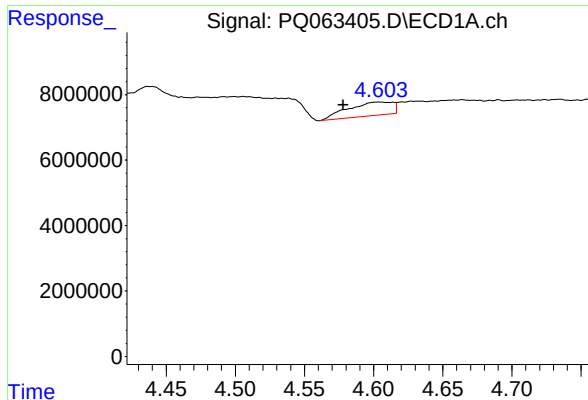
#20 AR-1242-5

R.T.: 5.444 min
Delta R.T.: -0.026 min
Response: 4232980
Conc: 38.71 ng/ml



#20 AR-1242-5

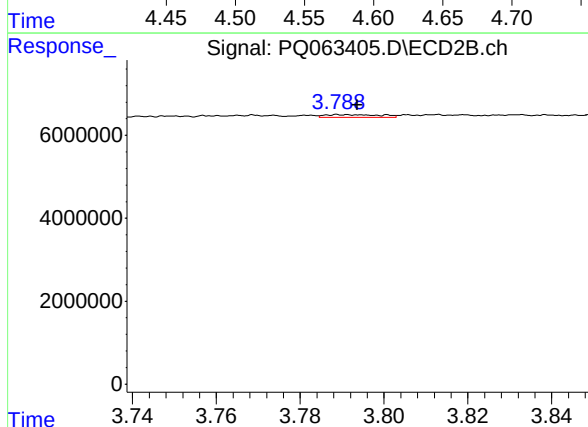
R.T.: 4.551 min
Delta R.T.: -0.003 min
Response: 4327145
Conc: 41.35 ng/ml



#21 AR-1248-1

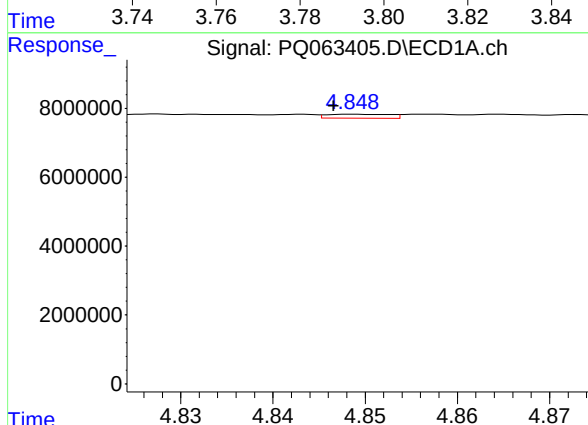
R.T.: 4.603 min
Delta R.T.: 0.025 min
Response: 9279056
Conc: 94.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



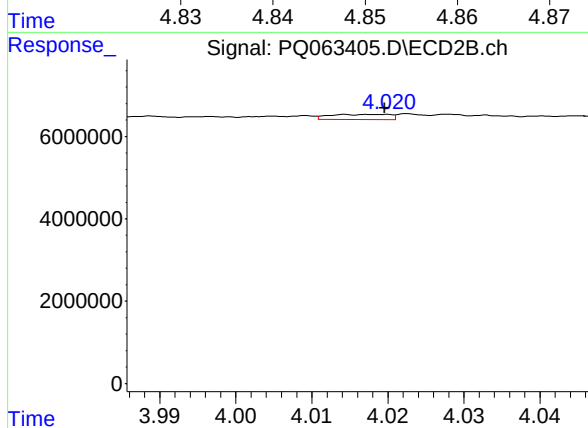
#21 AR-1248-1

R.T.: 3.789 min
Delta R.T.: -0.005 min
Response: 598804
Conc: 7.46 ng/ml



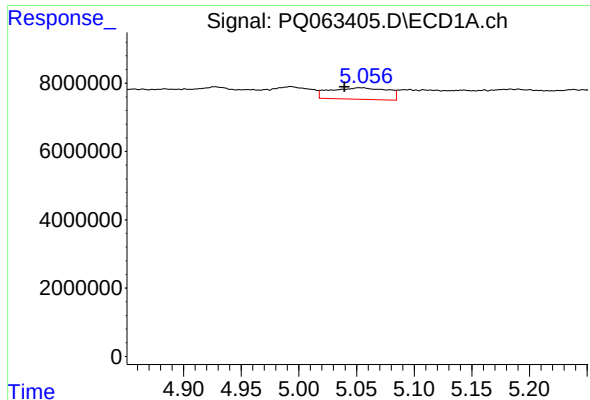
#22 AR-1248-2

R.T.: 4.849 min
Delta R.T.: 0.002 min
Response: 550644
Conc: 3.85 ng/ml



#22 AR-1248-2

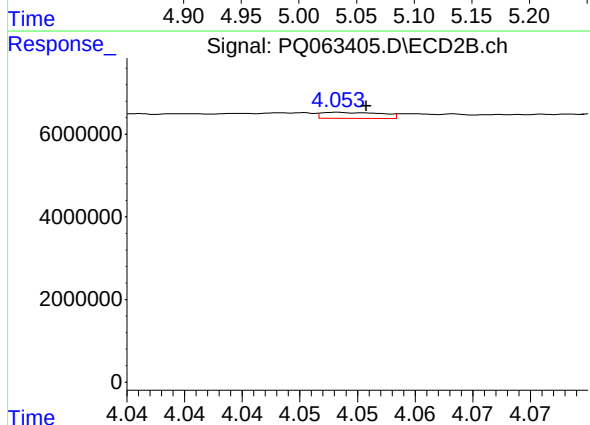
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 688508
Conc: 5.75 ng/ml



#23 AR-1248-3

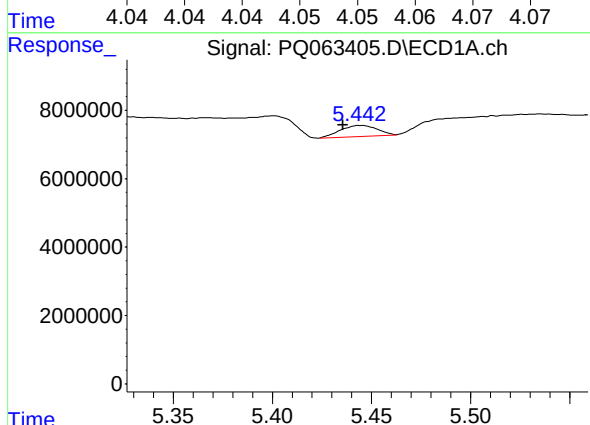
R.T.: 5.053 min
Delta R.T.: 0.013 min
Response: 11634677
Conc: 67.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



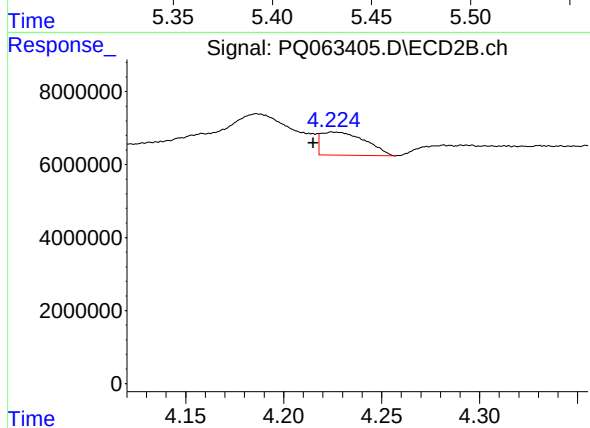
#23 AR-1248-3

R.T.: 4.053 min
Delta R.T.: -0.002 min
Response: 522999
Conc: 4.56 ng/ml



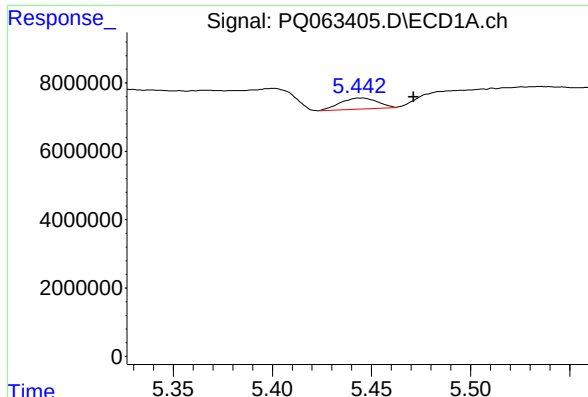
#24 AR-1248-4

R.T.: 5.444 min
Delta R.T.: 0.009 min
Response: 4232980
Conc: 22.14 ng/ml



#24 AR-1248-4

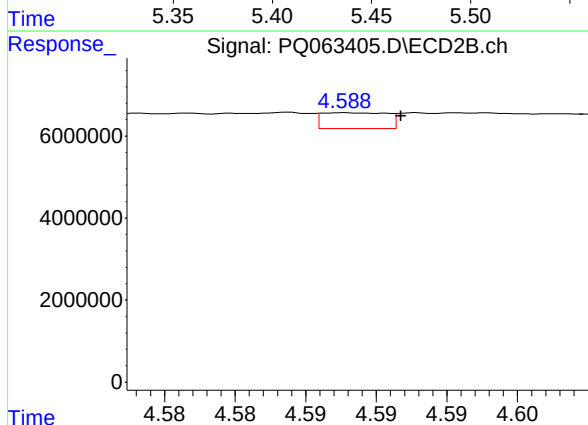
R.T.: 4.225 min
Delta R.T.: 0.009 min
Response: 9869190
Conc: 69.99 ng/ml



#25 AR-1248-5

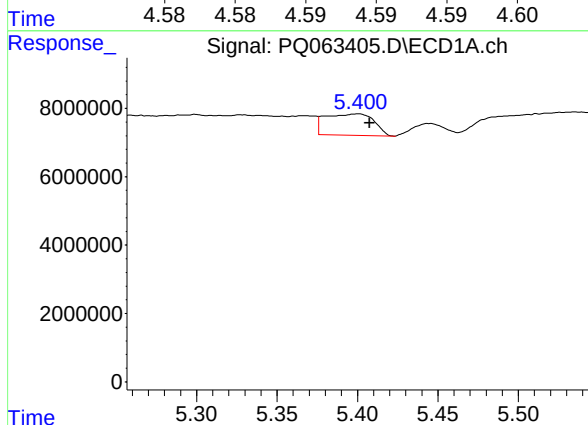
R.T.: 5.444 min
Delta R.T.: -0.027 min
Response: 4232980
Conc: 22.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



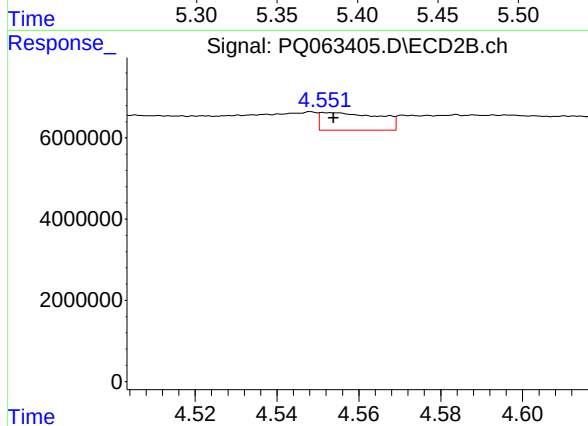
#25 AR-1248-5

R.T.: 4.588 min
Delta R.T.: -0.004 min
Response: 1218660
Conc: 8.82 ng/ml



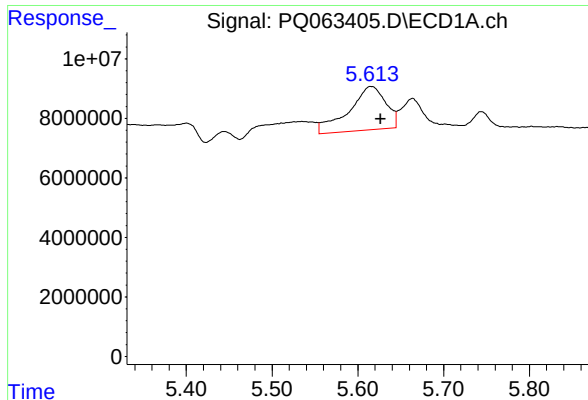
#26 AR-1254-1

R.T.: 5.400 min
Delta R.T.: -0.007 min
Response: 13124445
Conc: 65.26 ng/ml



#26 AR-1254-1

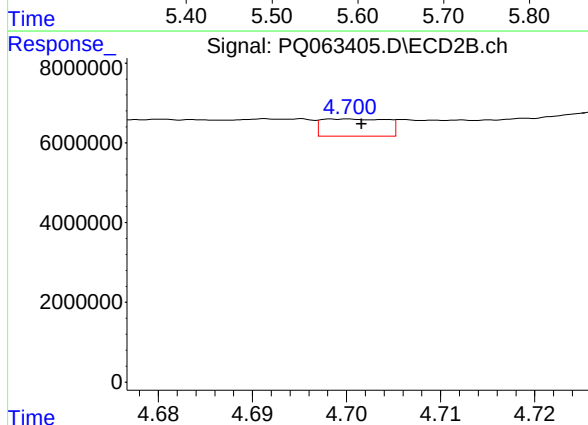
R.T.: 4.551 min
Delta R.T.: -0.002 min
Response: 4327145
Conc: 20.52 ng/ml



#27 AR-1254-2

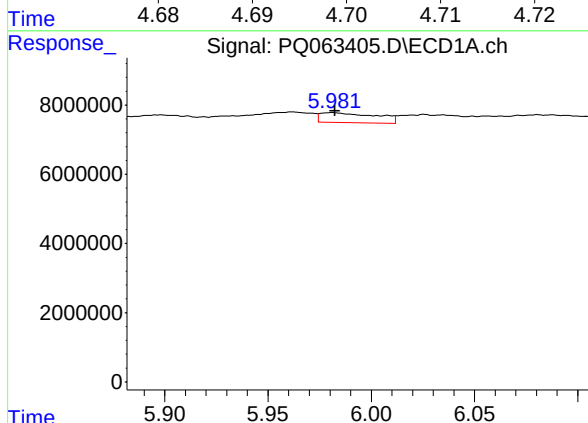
R.T.: 5.615 min
Delta R.T.: -0.011 min
Response: 43909251
Conc: 144.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



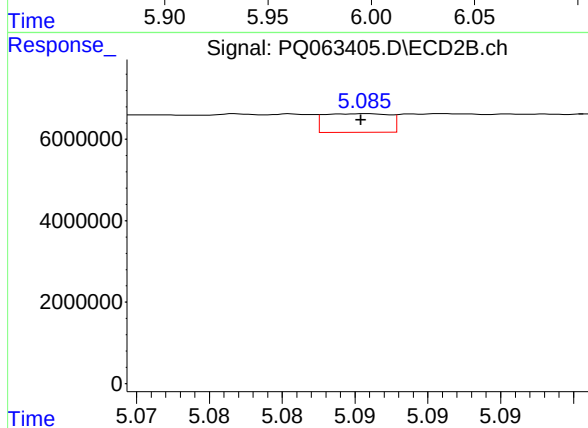
#27 AR-1254-2

R.T.: 4.700 min
Delta R.T.: -0.001 min
Response: 2060407
Conc: 11.13 ng/ml



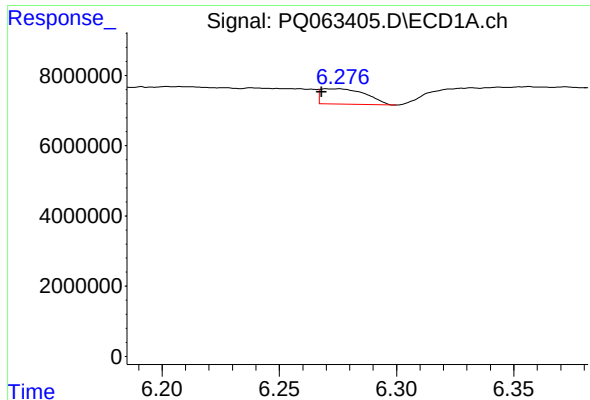
#28 AR-1254-3

R.T.: 5.981 min
Delta R.T.: -0.002 min
Response: 5380305
Conc: 16.40 ng/ml



#28 AR-1254-3

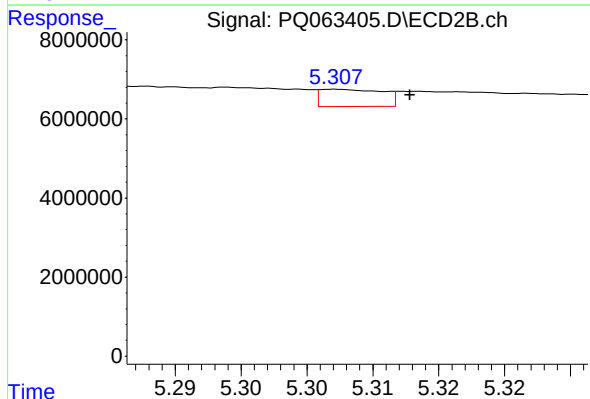
R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 1416990
Conc: 4.95 ng/ml



#29 AR-1254-4

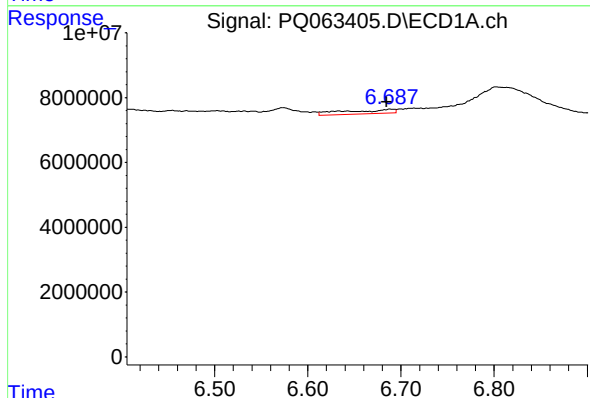
R.T.: 6.275 min
Delta R.T.: 0.007 min
Response: 5725707
Conc: 23.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



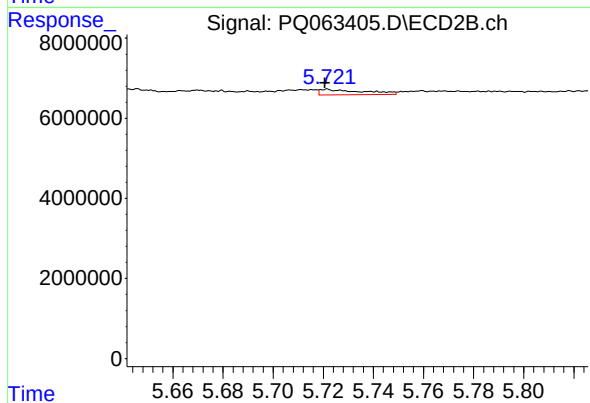
#29 AR-1254-4

R.T.: 5.307 min
Delta R.T.: -0.005 min
Response: 1436273
Conc: 7.76 ng/ml



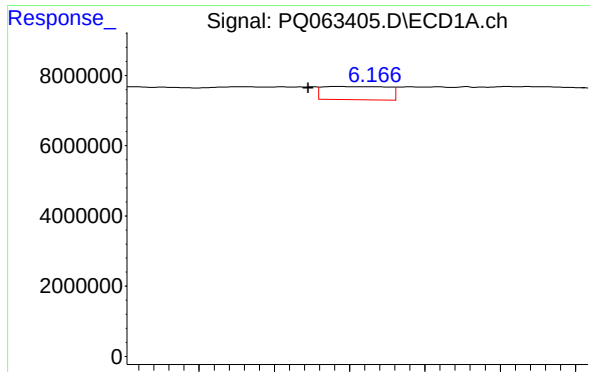
#30 AR-1254-5

R.T.: 6.688 min
Delta R.T.: 0.004 min
Response: 4462026
Conc: 17.37 ng/ml



#30 AR-1254-5

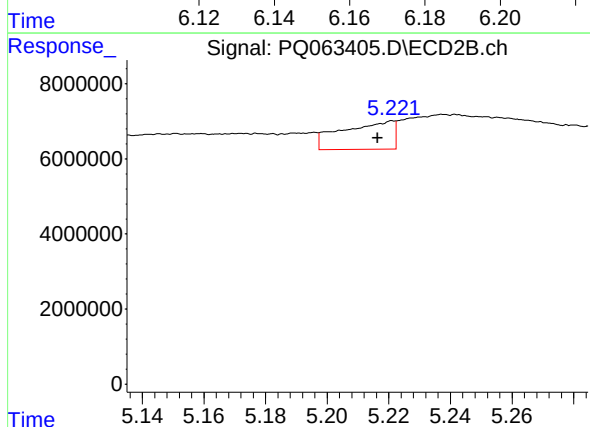
R.T.: 5.722 min
Delta R.T.: 0.001 min
Response: 1650852
Conc: 6.39 ng/ml



#31 AR-1260-1

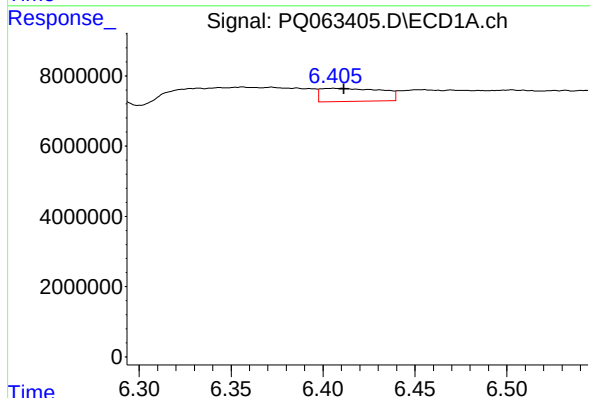
R.T.: 6.158 min
Delta R.T.: 0.009 min
Response: 4540589
Conc: 18.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



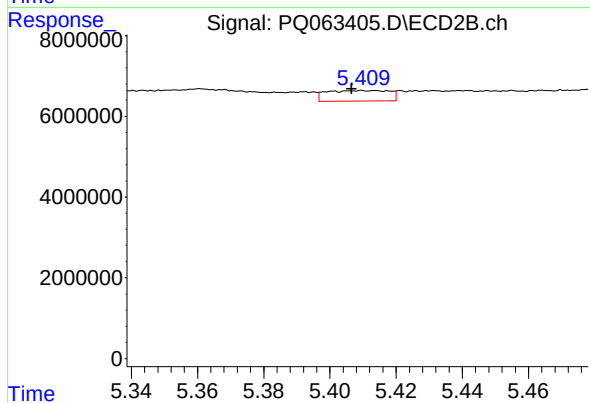
#31 AR-1260-1

R.T.: 5.221 min
Delta R.T.: 0.005 min
Response: 8674807
Conc: 42.96 ng/ml



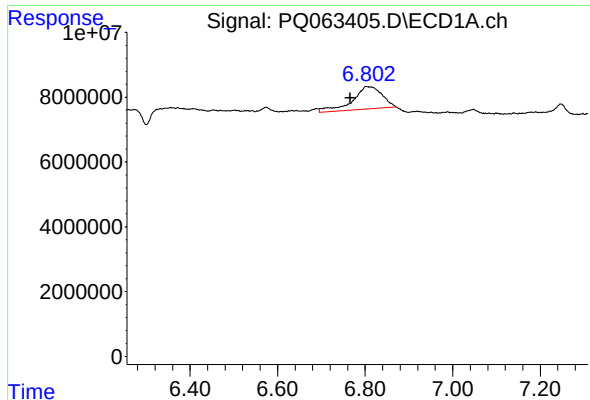
#32 AR-1260-2

R.T.: 6.405 min
Delta R.T.: -0.006 min
Response: 8638293
Conc: 30.49 ng/ml



#32 AR-1260-2

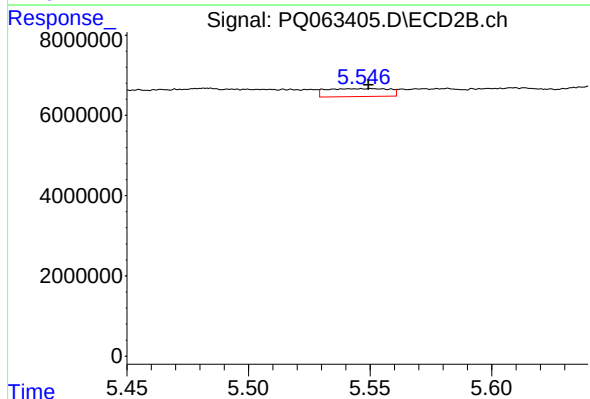
R.T.: 5.410 min
Delta R.T.: 0.003 min
Response: 3429233
Conc: 14.01 ng/ml



#33 AR-1260-3

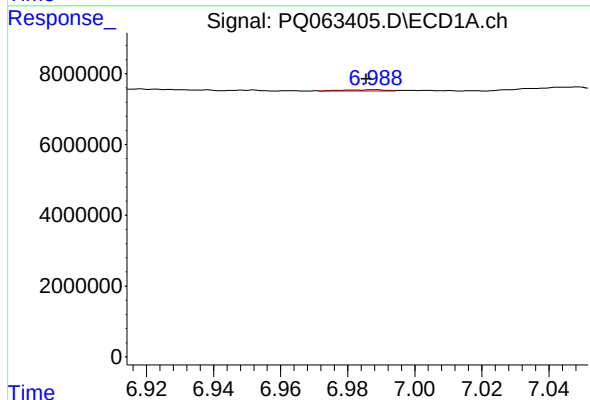
R.T.: 6.802 min
Delta R.T.: 0.036 min
Response: 31699186
Conc: 155.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



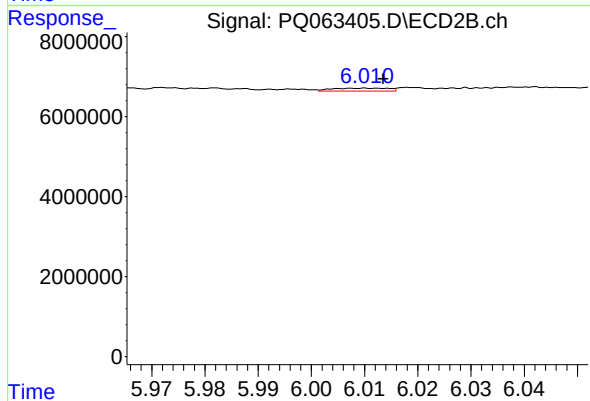
#33 AR-1260-3

R.T.: 5.547 min
Delta R.T.: -0.003 min
Response: 3582907
Conc: 15.15 ng/ml



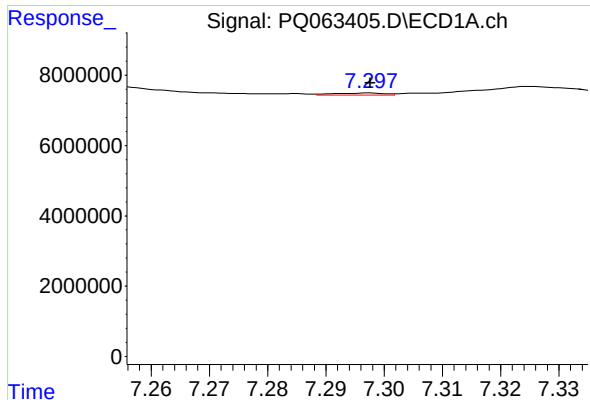
#34 AR-1260-4

R.T.: 6.988 min
Delta R.T.: 0.002 min
Response: 306984
Conc: 1.29 ng/ml



#34 AR-1260-4

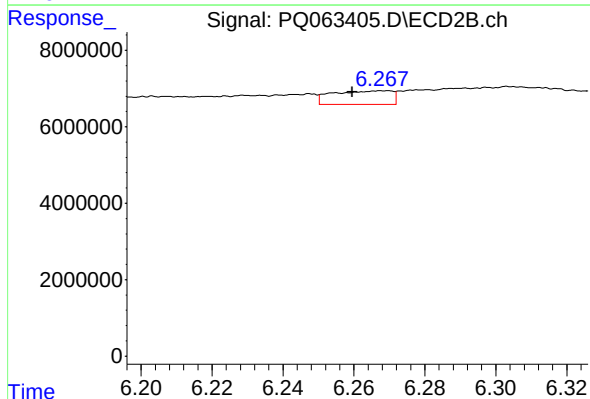
R.T.: 6.010 min
Delta R.T.: -0.003 min
Response: 526132
Conc: 2.76 ng/ml



#35 AR-1260-5

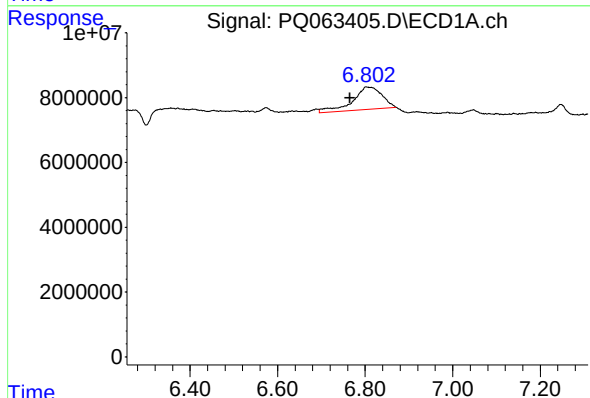
R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 367005
Conc: 0.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



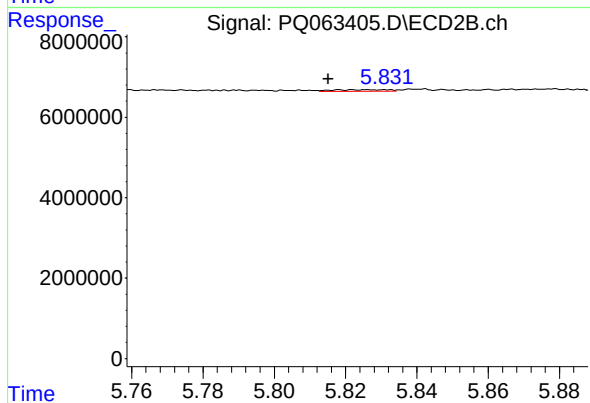
#35 AR-1260-5

R.T.: 6.268 min
Delta R.T.: 0.008 min
Response: 4150771
Conc: 9.48 ng/ml



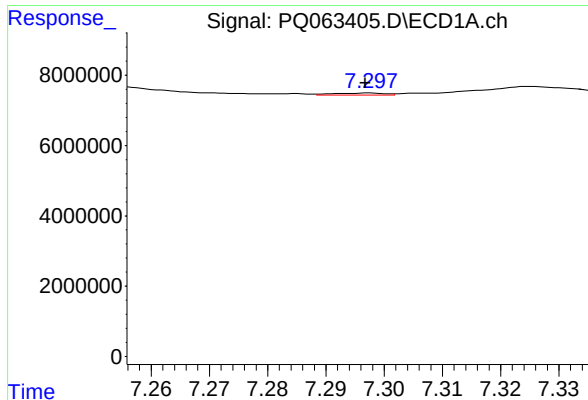
#36 AR-1262-1

R.T.: 6.802 min
Delta R.T.: 0.036 min
Response: 31699186
Conc: 101.81 ng/ml



#36 AR-1262-1

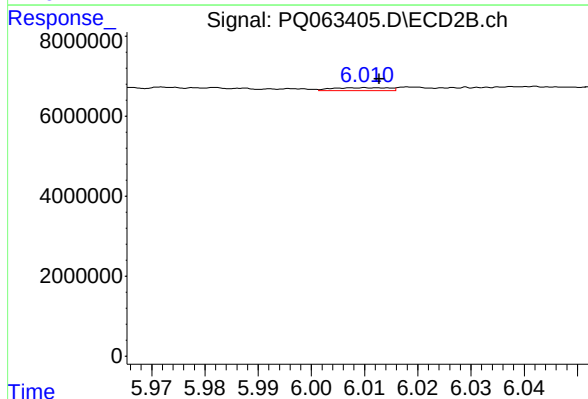
R.T.: 5.818 min
Delta R.T.: 0.003 min
Response: 435164
Conc: 4.14 ng/ml



#37 AR-1262-2

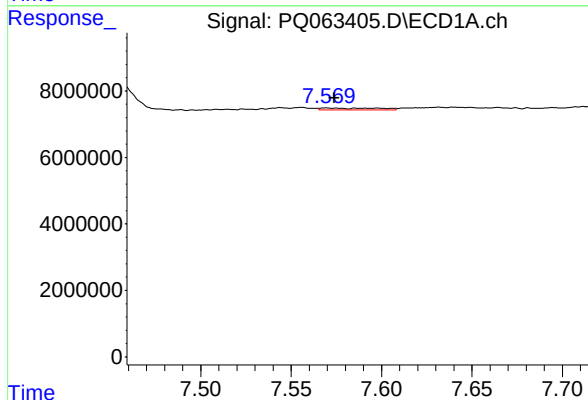
R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 367005
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



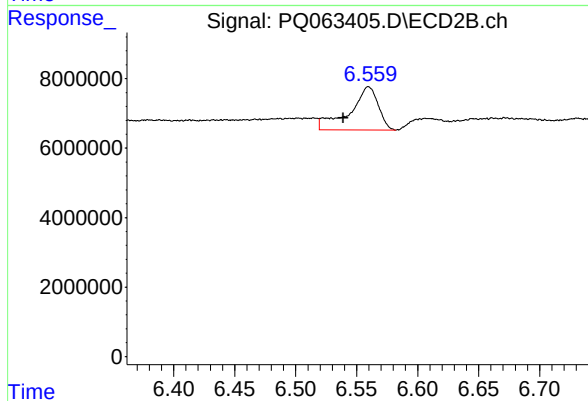
#37 AR-1262-2

R.T.: 6.010 min
Delta R.T.: -0.002 min
Response: 526132
Conc: 2.27 ng/ml



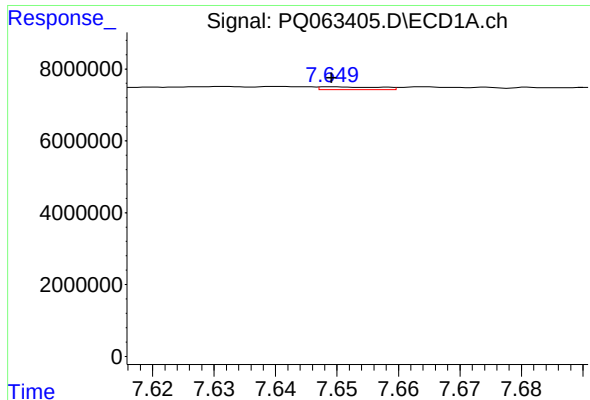
#38 AR-1262-3

R.T.: 7.569 min
Delta R.T.: -0.005 min
Response: 1183661
Conc: 3.42 ng/ml



#38 AR-1262-3

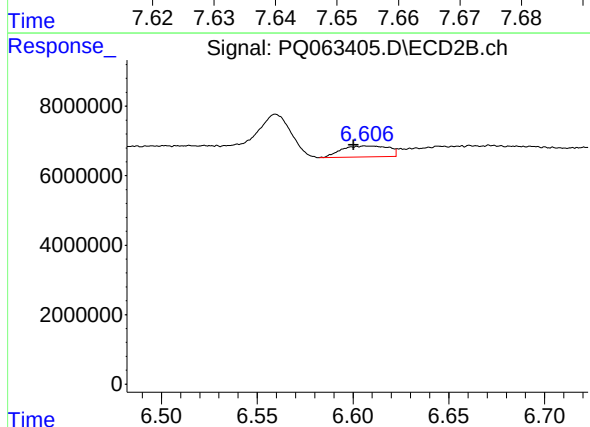
R.T.: 6.560 min
Delta R.T.: 0.021 min
Response: 20283251
Conc: 105.60 ng/ml



#39 AR-1262-4

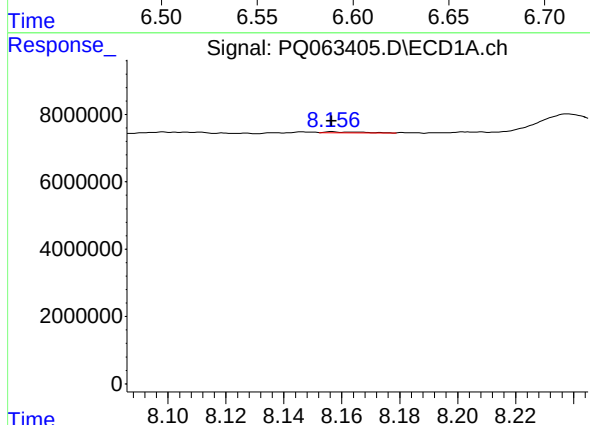
R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 489761
Conc: 1.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



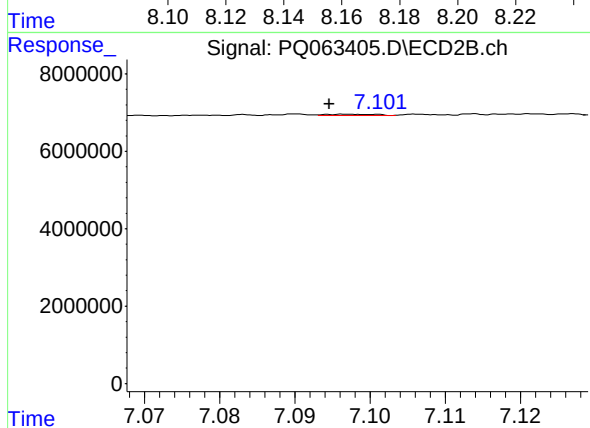
#39 AR-1262-4

R.T.: 6.606 min
Delta R.T.: 0.006 min
Response: 5461985
Conc: 15.62 ng/ml



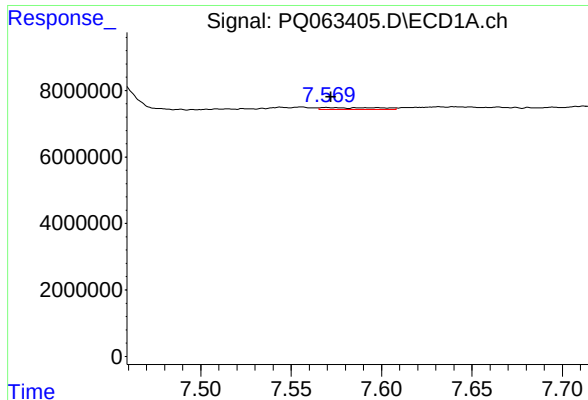
#40 AR-1262-5

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 279002
Conc: 1.63 ng/ml



#40 AR-1262-5

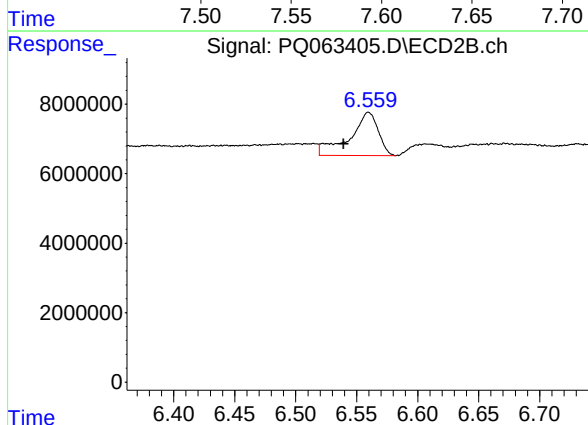
R.T.: 7.097 min
Delta R.T.: 0.003 min
Response: 163791
Conc: 0.99 ng/ml



#41 AR-1268-1

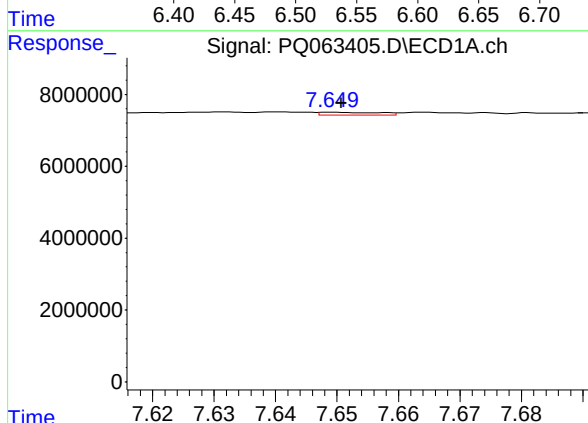
R.T.: 7.569 min
Delta R.T.: -0.003 min
Response: 1183661
Conc: 1.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



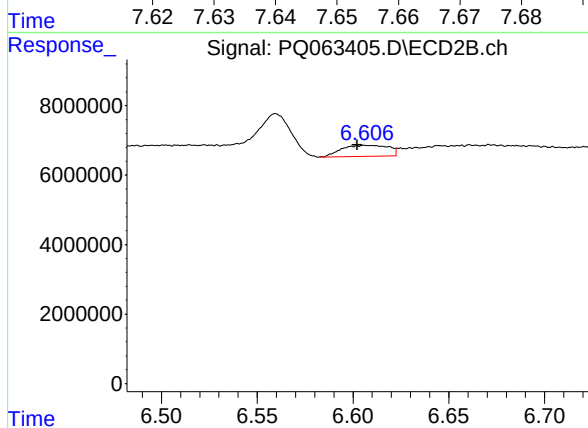
#41 AR-1268-1

R.T.: 6.560 min
Delta R.T.: 0.020 min
Response: 20283251
Conc: 36.17 ng/ml



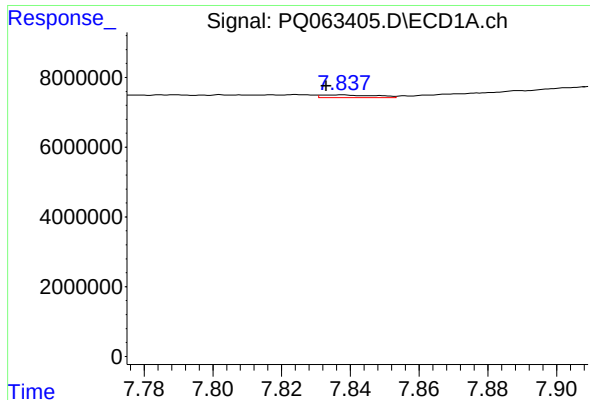
#42 AR-1268-2

R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 489761
Conc: 0.86 ng/ml



#42 AR-1268-2

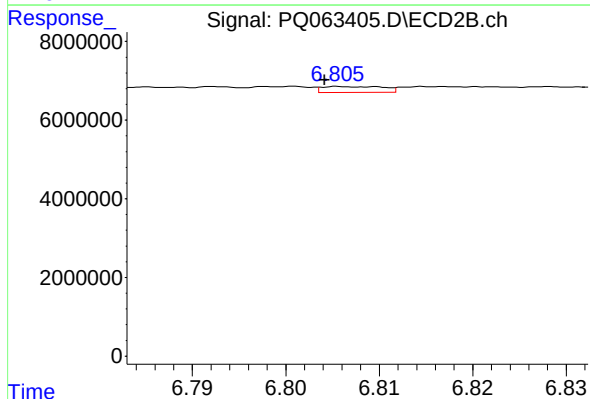
R.T.: 6.606 min
Delta R.T.: 0.004 min
Response: 5461985
Conc: 10.98 ng/ml



#43 AR-1268-3

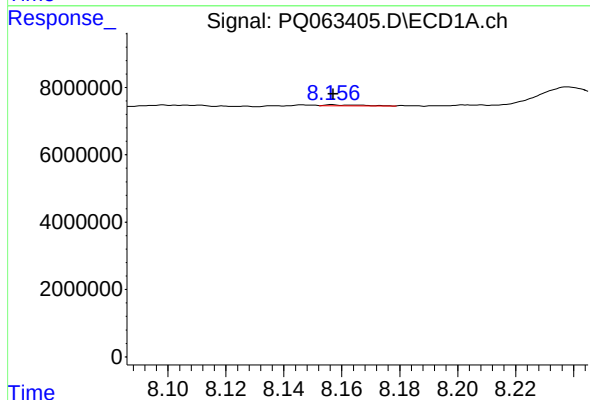
R.T.: 7.837 min
Delta R.T.: 0.004 min
Response: 887330
Conc: 1.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



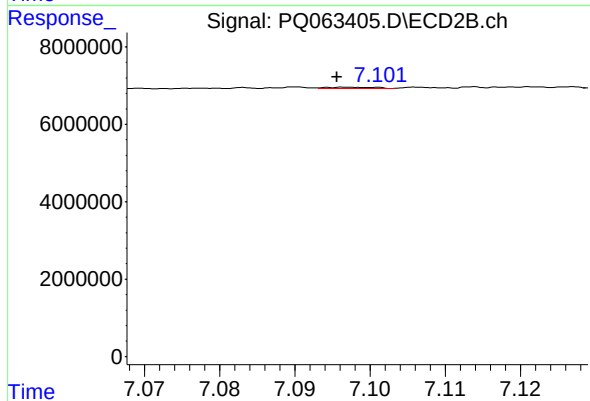
#43 AR-1268-3

R.T.: 6.806 min
Delta R.T.: 0.002 min
Response: 690753
Conc: 1.62 ng/ml



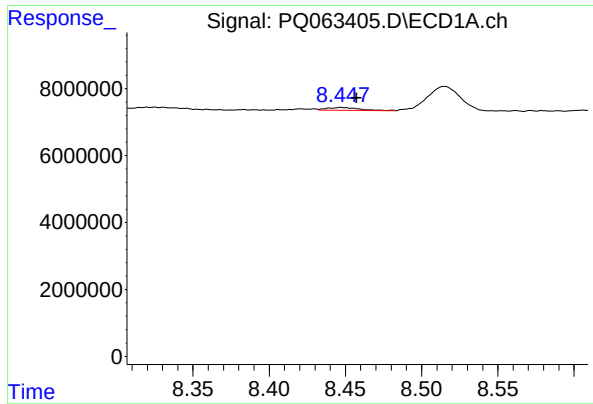
#44 AR-1268-4

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 279002
Conc: 1.45 ng/ml



#44 AR-1268-4

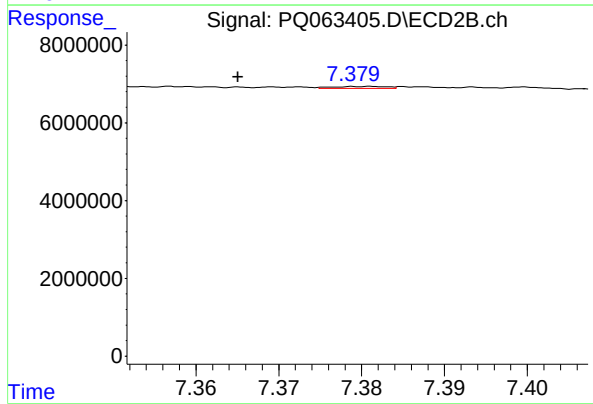
R.T.: 7.097 min
Delta R.T.: 0.002 min
Response: 163791
Conc: 0.88 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: -0.010 min
Response: 1219027
Conc: 0.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.381 min
Delta R.T.: 0.016 min
Response: 245216
Conc: 0.19 ng/ml