

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
 Data File : PQ063003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 05:58
 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 07:41:26 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...	3.453	2.784	125.2E6	94858353	23.301	23.000
2) SA Decachlor...	8.688	7.597	105.2E6	109.8E6	27.165	25.381
Target Compounds						
3) L1 AR-1016-1	4.568	3.807	146936	225188	0.755	1.413 #
4) L1 AR-1016-2	4.582	3.807	189395	225188	0.683	1.054 #
5) L1 AR-1016-3	4.637	3.965	1048864	64998	6.134	0.544 #
6) L1 AR-1016-4	4.742	4.033	82319	722073	0.585	7.442 #
7) L1 AR-1016-5	5.039	4.212	851421	611629	6.188	4.860
8) L2 AR-1221-1	3.663	2.993	958048	59430	14.079	1.083 #
9) L2 AR-1221-2	3.733	3.056	2272995	1193493	47.641	31.642 #
10) L2 AR-1221-3	3.809	3.129	391532	38242	2.537	0.318 #
11) L3 AR-1232-1	3.809	3.129	391532	38242	3.030	0.392 #
12) L3 AR-1232-2	4.312	3.807	159699	225188	2.290	2.315
13) L3 AR-1232-3	4.582	3.965	189395	64998	1.550	1.224
14) L3 AR-1232-4	4.742	4.065	82319	711297	1.364	15.497 #
15) L3 AR-1232-5	4.837	4.212	228145	611629	5.227	11.280 #
16) L4 AR-1242-1	4.568	3.790	146936	340453	0.871	2.357 #
17) L4 AR-1242-2	4.582	3.807	189395	225188	0.785	1.185 #
18) L4 AR-1242-3	4.637	3.965	1048864	64998	7.160	0.602 #
19) L4 AR-1242-4	4.742	4.065	82319	711297	0.665	7.139 #
20) L4 AR-1242-5	5.468	4.562	1529453	479071	11.573	3.543 #
21) L5 AR-1248-1	4.568	3.790	146936	340453	1.104	3.048 #
22) L5 AR-1248-2	4.837	4.033	228145	722073	1.306	4.573 #
23) L5 AR-1248-3	5.039	4.065	851421	711297	4.026	4.664
24) L5 AR-1248-4	5.418	4.212	1344963	611629	5.645	3.216 #
25) L5 AR-1248-5	5.468	4.584	1529453	1807471	6.582	9.345 #
26) L6 AR-1254-1	5.395	4.562	2410071	479071	11.005	1.786 #
27) L6 AR-1254-2	5.606	4.703	358573	697738	1.059	2.973 #
28) L6 AR-1254-3	5.950	5.113	1846363	2743148	5.150	7.254 #
29) L6 AR-1254-4	6.238	5.315	3295843	1187253	12.164	4.860 #
30) L6 AR-1254-5	6.669	5.700f	308516	1108067	1.116	3.211 #
31) L7 AR-1260-1	6.140	5.222	1522358	3242290	5.955	12.991 #
32) L7 AR-1260-2	6.412	5.409	3869026	1248946	12.748	4.055 #
33) L7 AR-1260-3	6.746	5.583	119486	2767002	0.567	8.930 #
34) L7 AR-1260-4	0.000	6.042	0	1789149	N.D.	7.296 #
35) L7 AR-1260-5	0.000	6.264	0	896477	N.D.	1.640 #
36) L8 AR-1262-1	6.746	0.000	119486	0	0.370	N.D. #
37) L8 AR-1262-2	0.000	6.042	0	1789149	N.D.	5.725 #
38) L8 AR-1262-3	0.000	6.514f	0	10183025	N.D.	40.395 #
39) L8 AR-1262-4	7.651	0.000	1345410	0	4.800	N.D. #
40) L8 AR-1262-5	8.163	0.000	541340	0	2.880	N.D. #
41) L9 AR-1268-1	0.000	6.514f	0	10183025	N.D.	13.645 #

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Integration File signal 1: autoint1.e
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 Quant Time: Aug 11 07:41:26 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

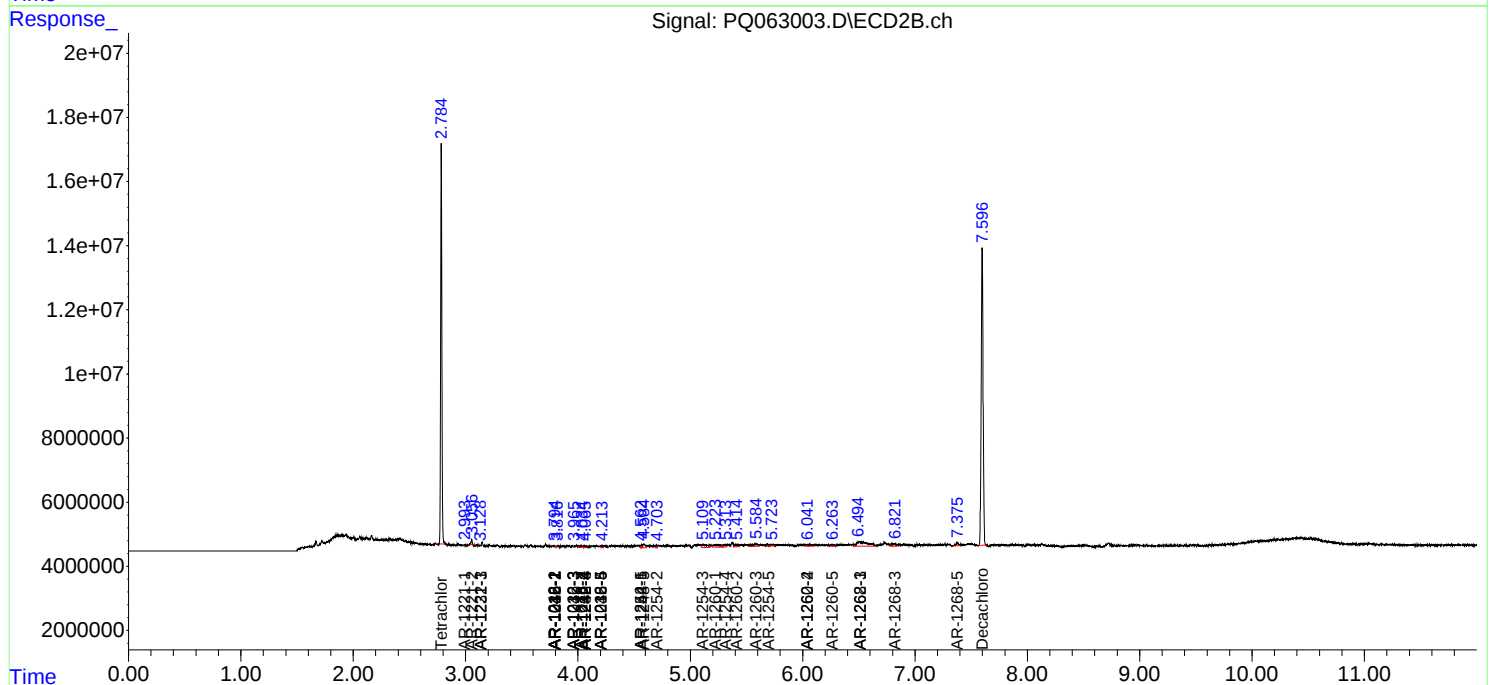
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

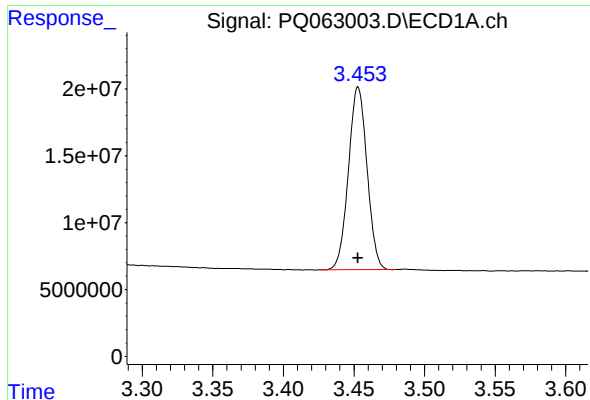
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.651	0.000	1345410	0	2.244	N.D. #
43) L9	AR-1268-3	7.821	6.816	896275	2363434	1.820	4.027 #
44) L9	AR-1268-4	8.163	0.000	541340	0	2.523	N.D. #
45) L9	AR-1268-5	8.445	7.377	908401	1630180	0.589	0.920 #

(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

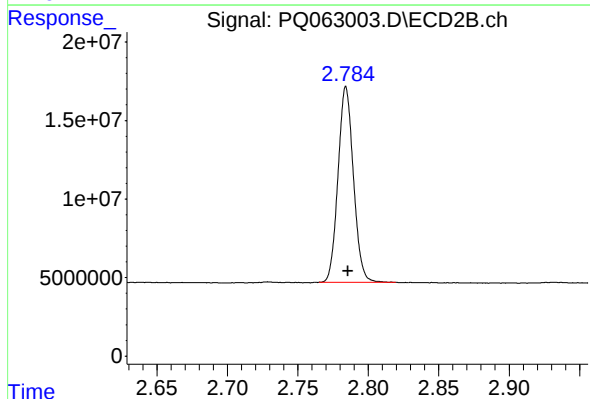




#1 Tetrachloro-m-xylene

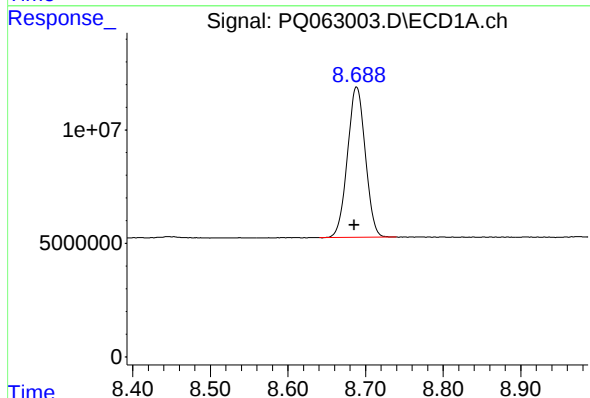
R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 125203793
Conc: 23.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



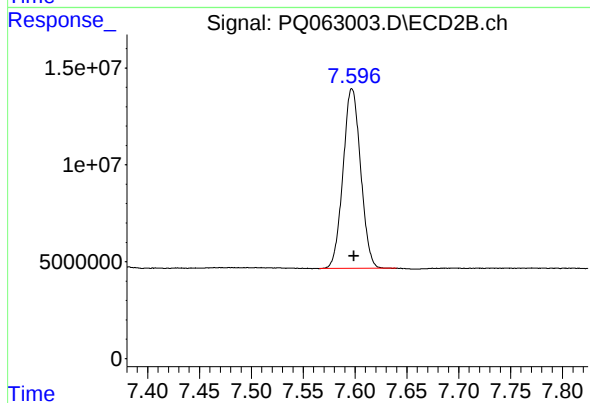
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.001 min
Response: 94858353
Conc: 23.00 ng/ml



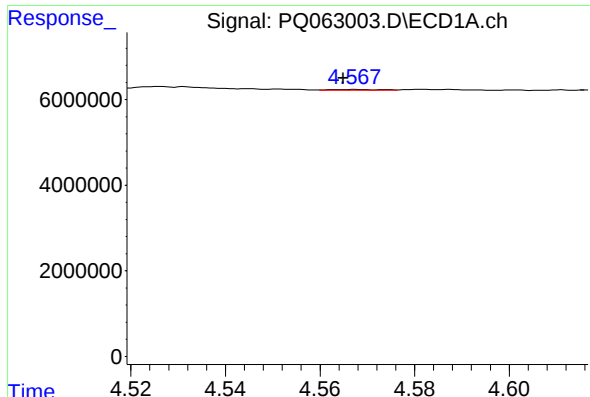
#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: 0.003 min
Response: 105175888
Conc: 27.16 ng/ml



#2 Decachlorobiphenyl

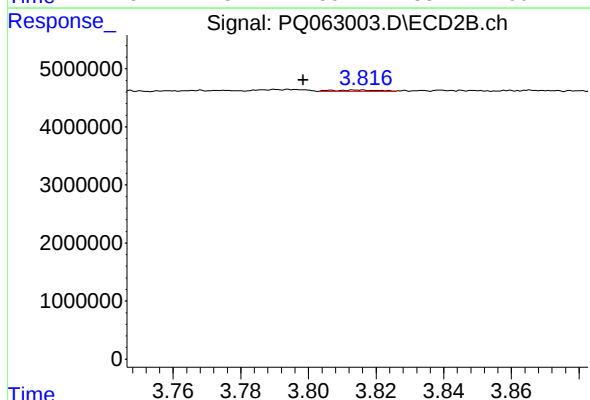
R.T.: 7.597 min
Delta R.T.: -0.002 min
Response: 109783303
Conc: 25.38 ng/ml



#3 AR-1016-1

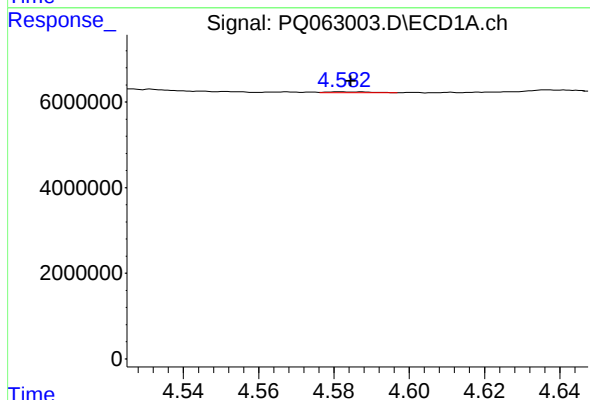
R.T.: 4.568 min
Delta R.T.: 0.003 min
Response: 146936
Conc: 0.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



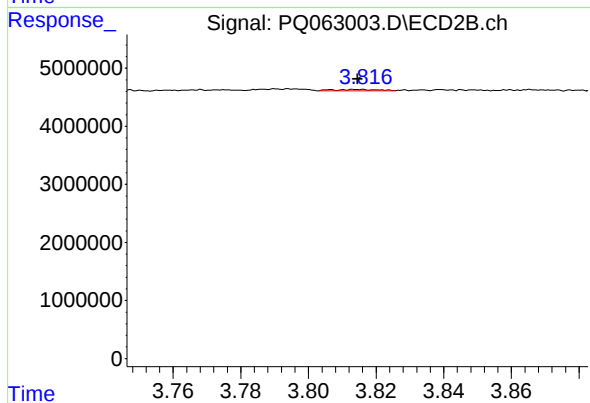
#3 AR-1016-1

R.T.: 3.807 min
Delta R.T.: 0.008 min
Response: 225188
Conc: 1.41 ng/ml



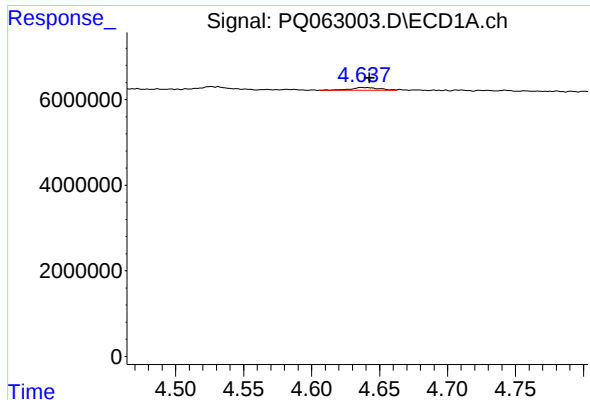
#4 AR-1016-2

R.T.: 4.582 min
Delta R.T.: -0.003 min
Response: 189395
Conc: 0.68 ng/ml



#4 AR-1016-2

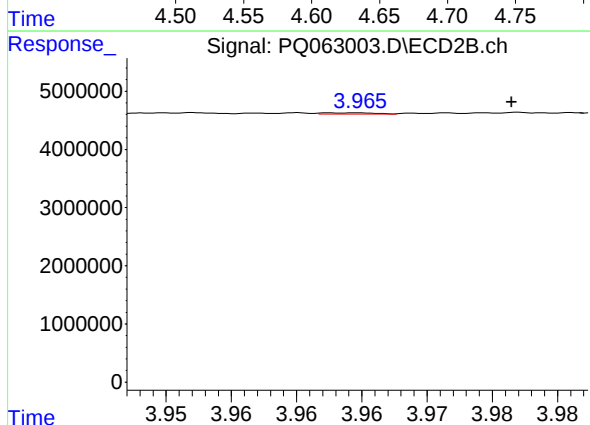
R.T.: 3.807 min
Delta R.T.: -0.008 min
Response: 225188
Conc: 1.05 ng/ml



#5 AR-1016-3

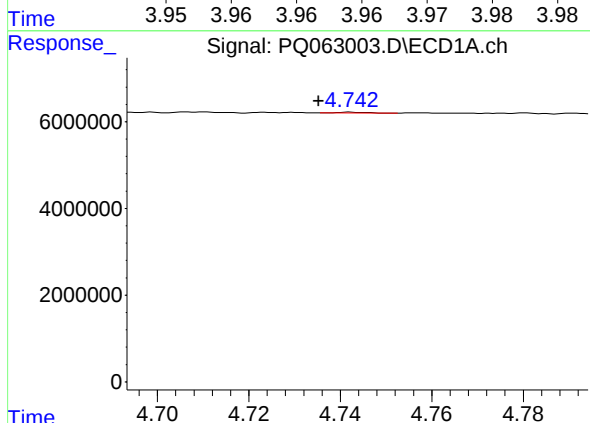
R.T.: 4.637 min
Delta R.T.: -0.006 min
Response: 1048864
Conc: 6.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



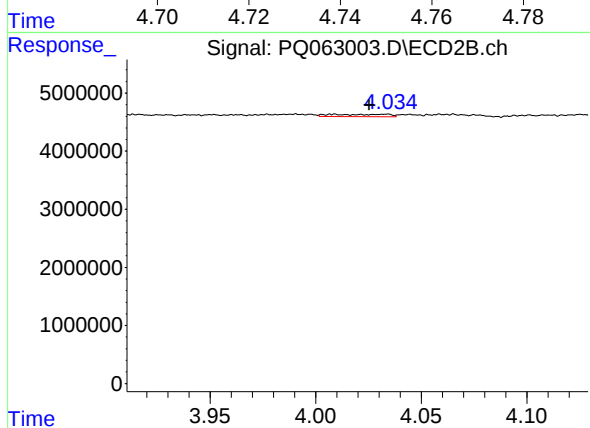
#5 AR-1016-3

R.T.: 3.965 min
Delta R.T.: -0.012 min
Response: 64998
Conc: 0.54 ng/ml



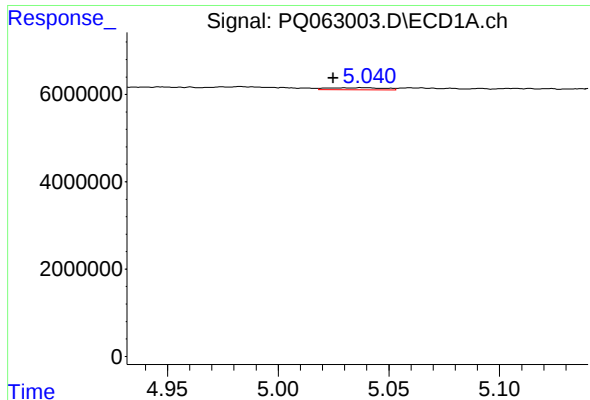
#6 AR-1016-4

R.T.: 4.742 min
Delta R.T.: 0.007 min
Response: 82319
Conc: 0.58 ng/ml



#6 AR-1016-4

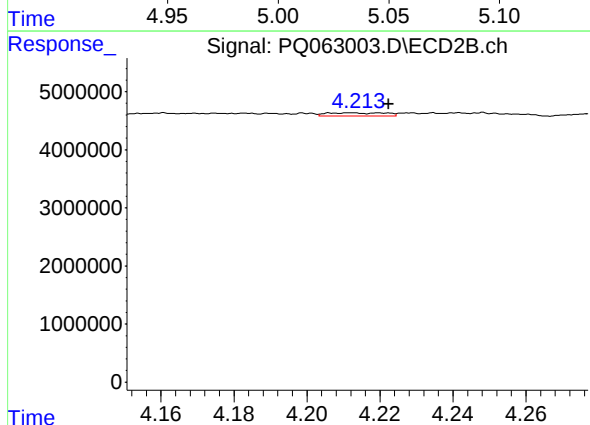
R.T.: 4.033 min
Delta R.T.: 0.008 min
Response: 722073
Conc: 7.44 ng/ml



#7 AR-1016-5

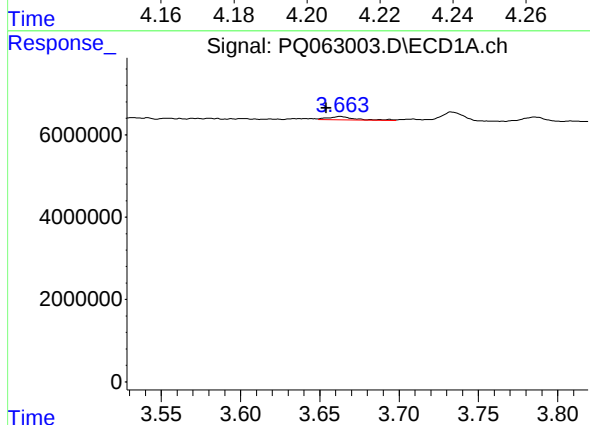
R.T.: 5.039 min
Delta R.T.: 0.014 min
Response: 851421
Conc: 6.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



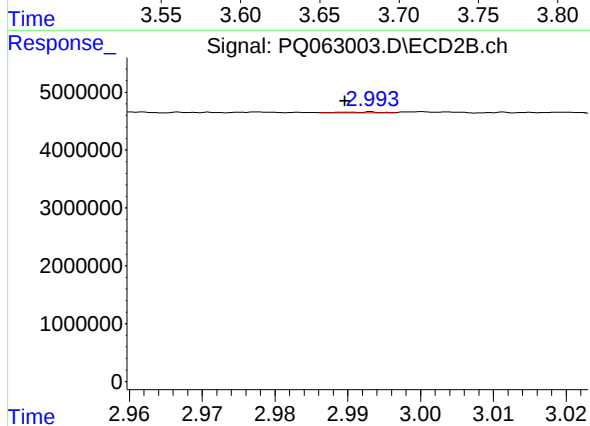
#7 AR-1016-5

R.T.: 4.212 min
Delta R.T.: -0.010 min
Response: 611629
Conc: 4.86 ng/ml



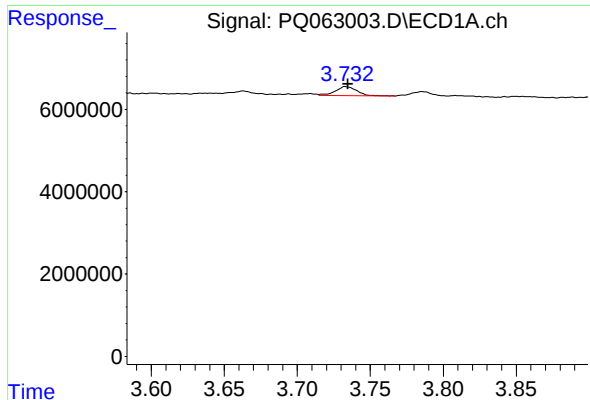
#8 AR-1221-1

R.T.: 3.663 min
Delta R.T.: 0.009 min
Response: 958048
Conc: 14.08 ng/ml



#8 AR-1221-1

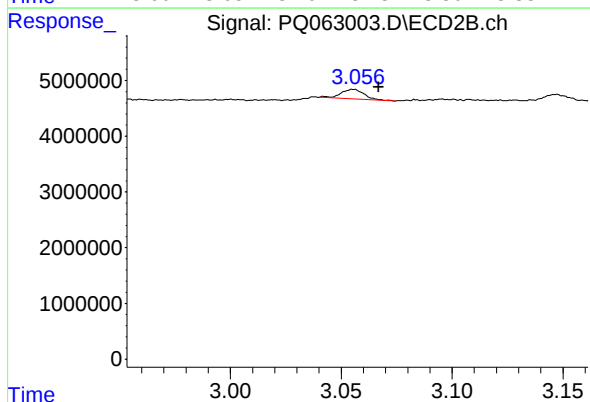
R.T.: 2.993 min
Delta R.T.: 0.004 min
Response: 59430
Conc: 1.08 ng/ml



#9 AR-1221-2

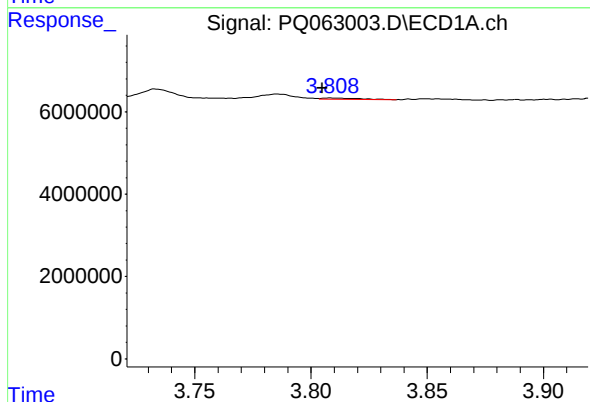
R.T.: 3.733 min
Delta R.T.: -0.001 min
Response: 2272995
Conc: 47.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



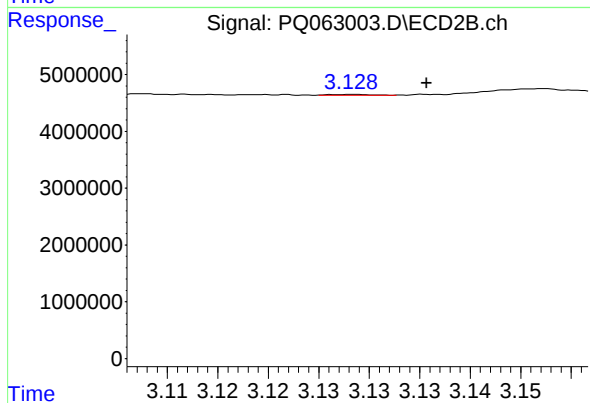
#9 AR-1221-2

R.T.: 3.056 min
Delta R.T.: -0.011 min
Response: 1193493
Conc: 31.64 ng/ml



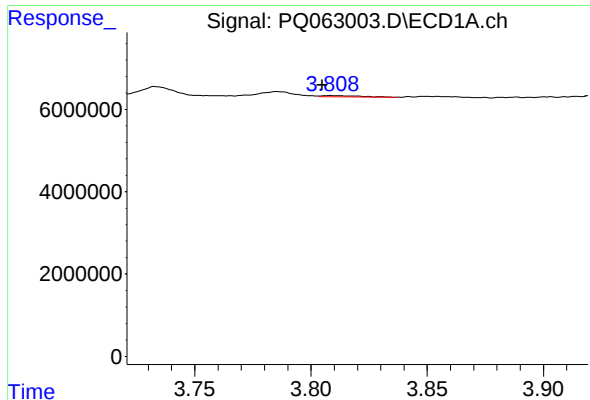
#10 AR-1221-3

R.T.: 3.809 min
Delta R.T.: 0.004 min
Response: 391532
Conc: 2.54 ng/ml



#10 AR-1221-3

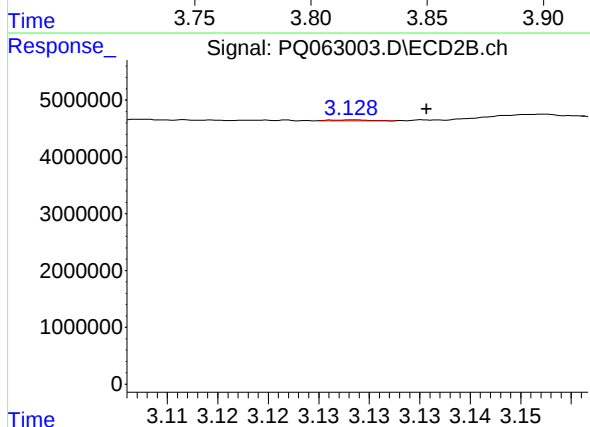
R.T.: 3.129 min
Delta R.T.: -0.007 min
Response: 38242
Conc: 0.32 ng/ml



#11 AR-1232-1

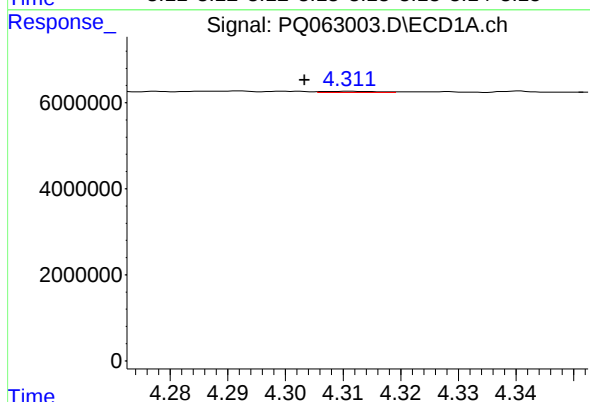
R.T.: 3.809 min
Delta R.T.: 0.004 min
Response: 391532
Conc: 3.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



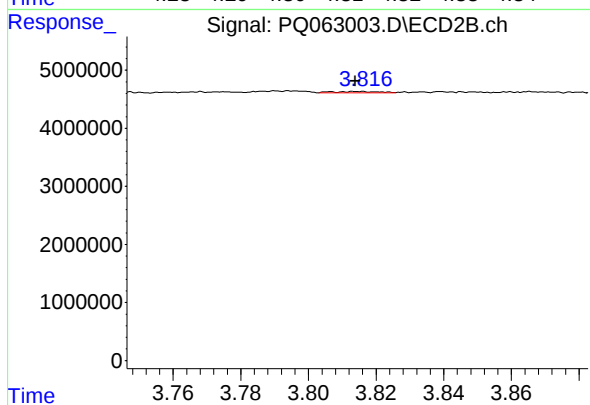
#11 AR-1232-1

R.T.: 3.129 min
Delta R.T.: -0.007 min
Response: 38242
Conc: 0.39 ng/ml



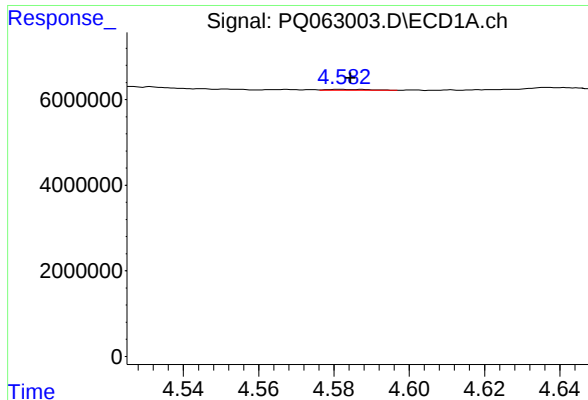
#12 AR-1232-2

R.T.: 4.312 min
Delta R.T.: 0.008 min
Response: 159699
Conc: 2.29 ng/ml



#12 AR-1232-2

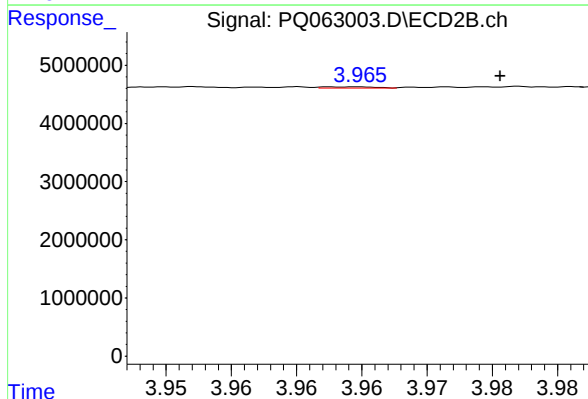
R.T.: 3.807 min
Delta R.T.: -0.007 min
Response: 225188
Conc: 2.32 ng/ml



#13 AR-1232-3

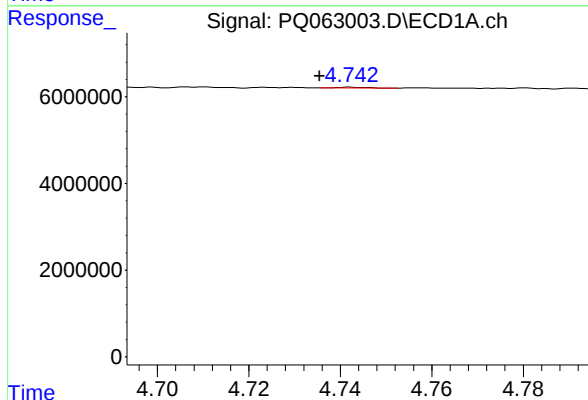
R.T.: 4.582 min
Delta R.T.: -0.003 min
Response: 189395
Conc: 1.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



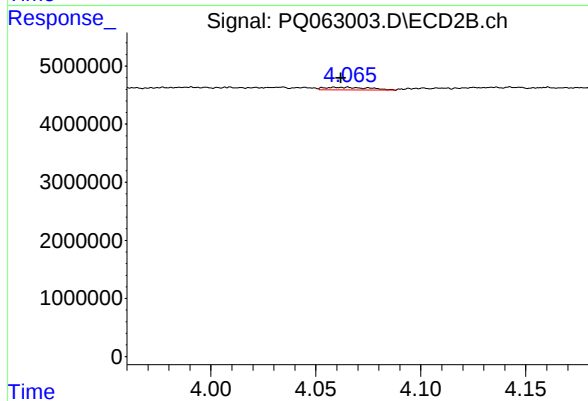
#13 AR-1232-3

R.T.: 3.965 min
Delta R.T.: -0.011 min
Response: 64998
Conc: 1.22 ng/ml



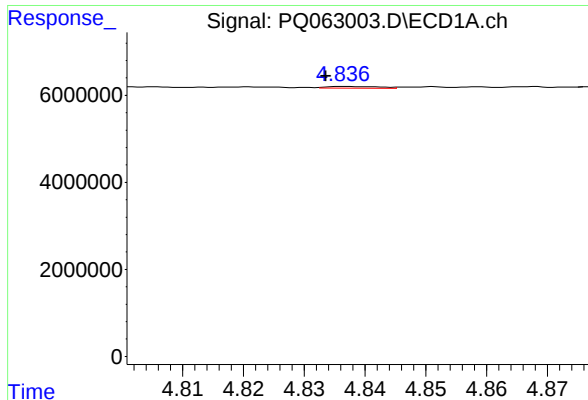
#14 AR-1232-4

R.T.: 4.742 min
Delta R.T.: 0.007 min
Response: 82319
Conc: 1.36 ng/ml



#14 AR-1232-4

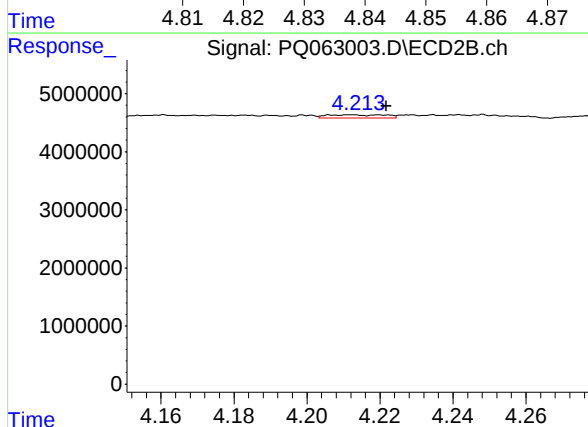
R.T.: 4.065 min
Delta R.T.: 0.003 min
Response: 711297
Conc: 15.50 ng/ml



#15 AR-1232-5

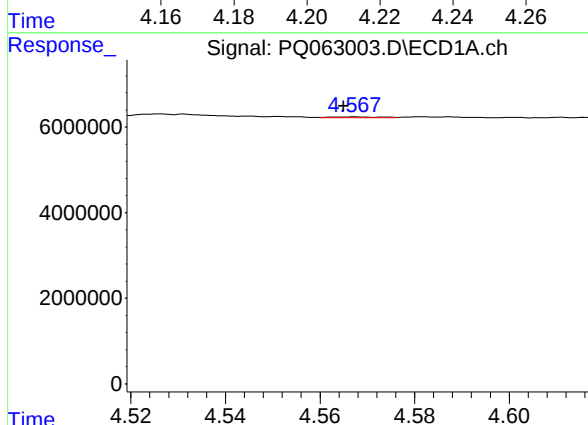
R.T.: 4.837 min
Delta R.T.: 0.003 min
Response: 228145
Conc: 5.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



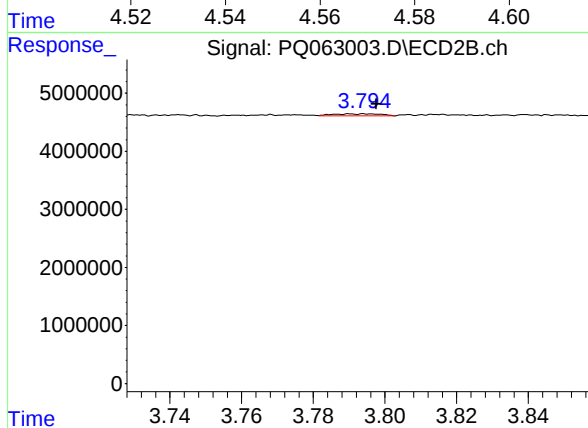
#15 AR-1232-5

R.T.: 4.212 min
Delta R.T.: -0.010 min
Response: 611629
Conc: 11.28 ng/ml



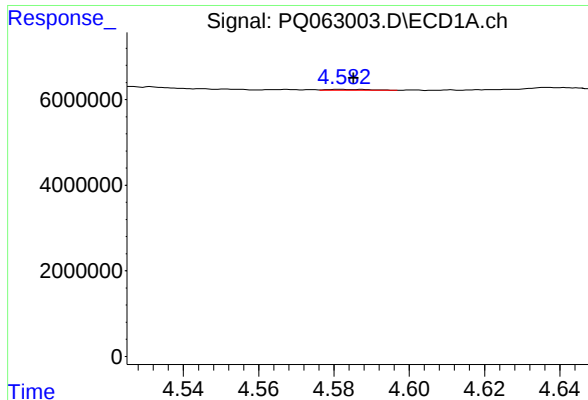
#16 AR-1242-1

R.T.: 4.568 min
Delta R.T.: 0.003 min
Response: 146936
Conc: 0.87 ng/ml



#16 AR-1242-1

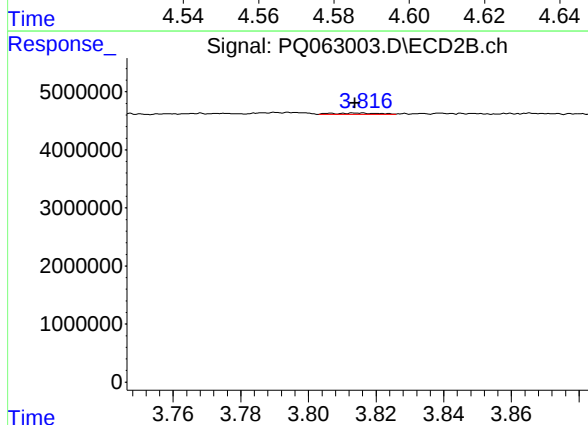
R.T.: 3.790 min
Delta R.T.: -0.007 min
Response: 340453
Conc: 2.36 ng/ml



#17 AR-1242-2

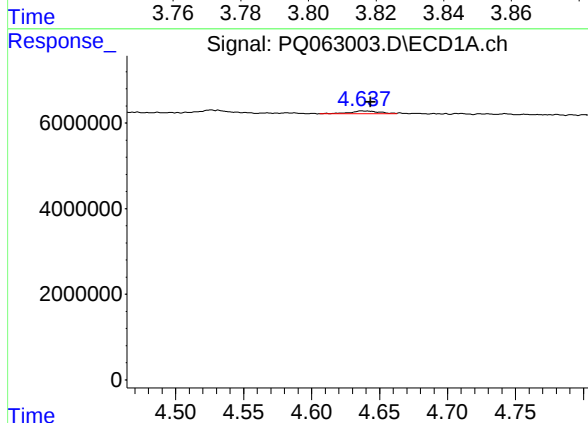
R.T.: 4.582 min
Delta R.T.: -0.003 min
Response: 189395
Conc: 0.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



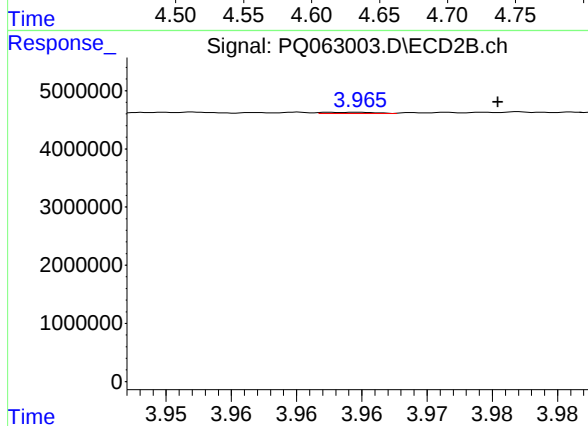
#17 AR-1242-2

R.T.: 3.807 min
Delta R.T.: -0.007 min
Response: 225188
Conc: 1.19 ng/ml



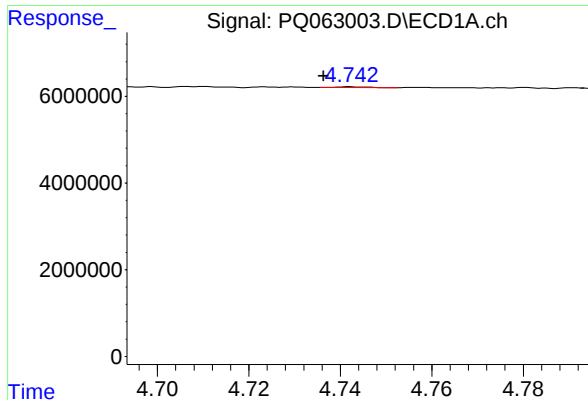
#18 AR-1242-3

R.T.: 4.637 min
Delta R.T.: -0.006 min
Response: 1048864
Conc: 7.16 ng/ml



#18 AR-1242-3

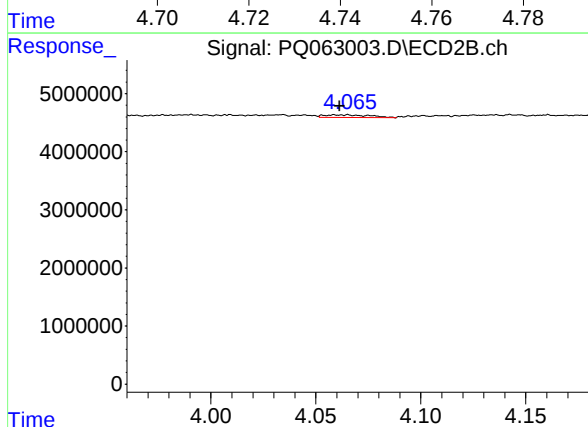
R.T.: 3.965 min
Delta R.T.: -0.011 min
Response: 64998
Conc: 0.60 ng/ml



#19 AR-1242-4

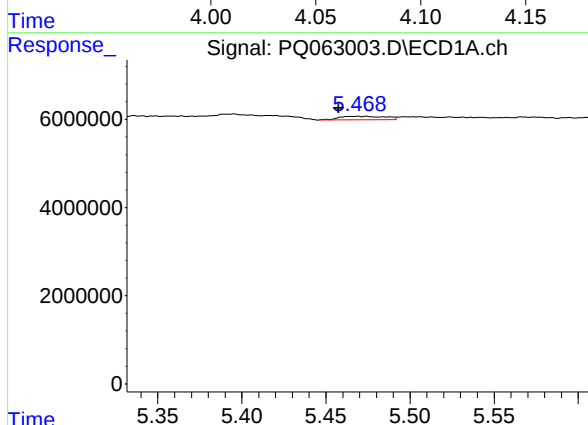
R.T.: 4.742 min
Delta R.T.: 0.006 min
Response: 82319
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



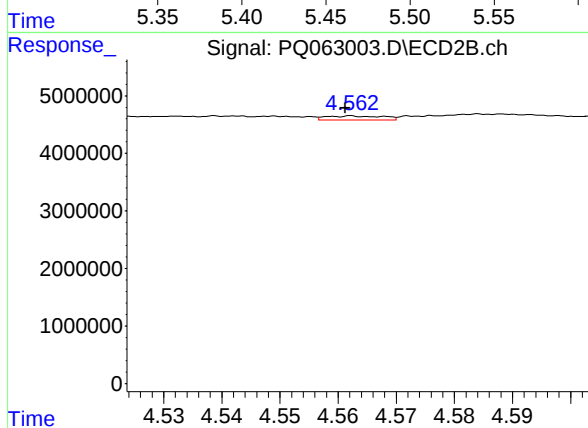
#19 AR-1242-4

R.T.: 4.065 min
Delta R.T.: 0.004 min
Response: 711297
Conc: 7.14 ng/ml



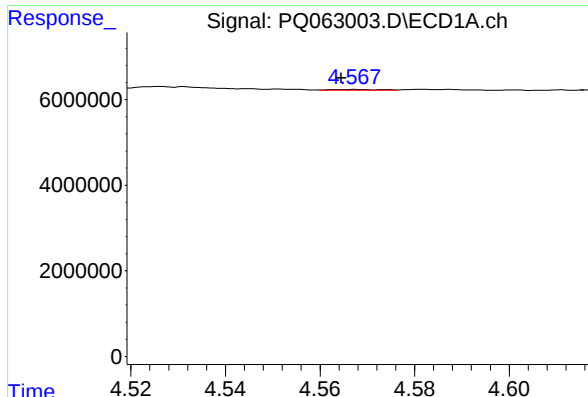
#20 AR-1242-5

R.T.: 5.468 min
Delta R.T.: 0.011 min
Response: 1529453
Conc: 11.57 ng/ml



#20 AR-1242-5

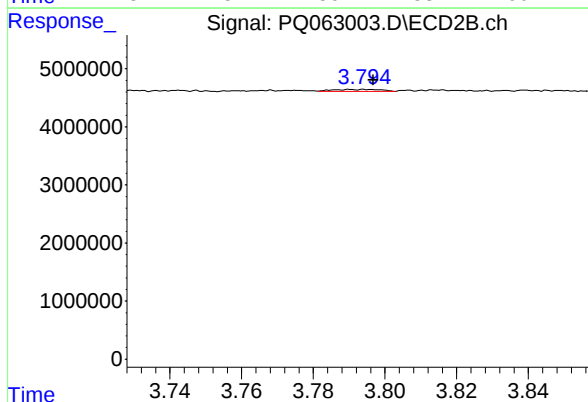
R.T.: 4.562 min
Delta R.T.: 0.001 min
Response: 479071
Conc: 3.54 ng/ml



#21 AR-1248-1

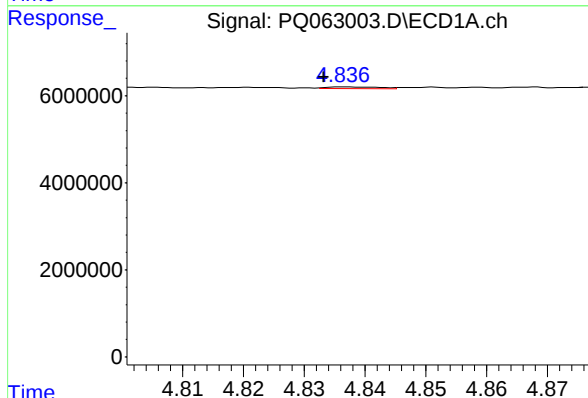
R.T.: 4.568 min
Delta R.T.: 0.003 min
Response: 146936
Conc: 1.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



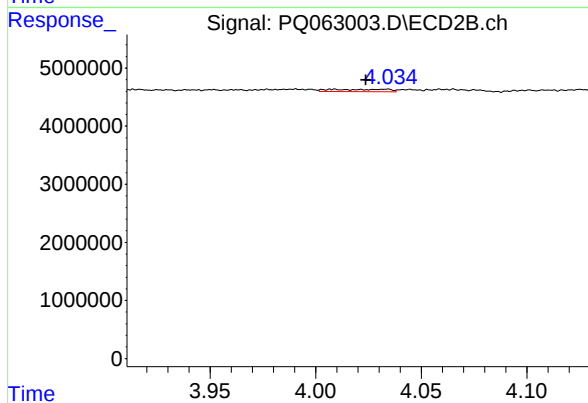
#21 AR-1248-1

R.T.: 3.790 min
Delta R.T.: -0.007 min
Response: 340453
Conc: 3.05 ng/ml



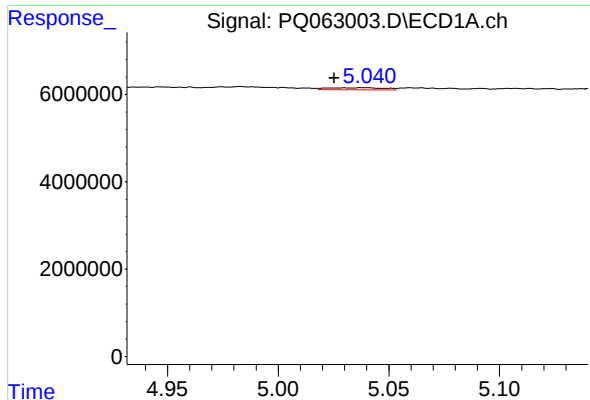
#22 AR-1248-2

R.T.: 4.837 min
Delta R.T.: 0.004 min
Response: 228145
Conc: 1.31 ng/ml



#22 AR-1248-2

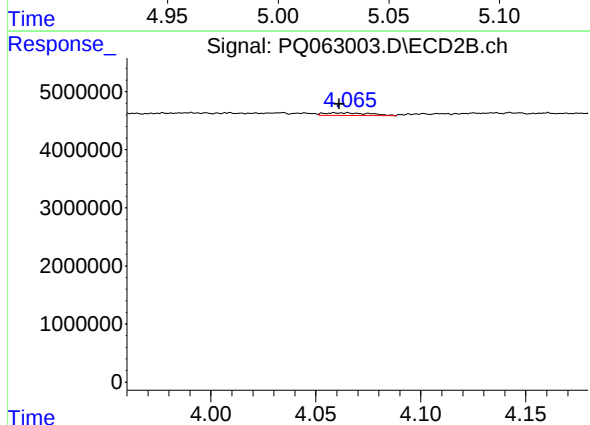
R.T.: 4.033 min
Delta R.T.: 0.009 min
Response: 722073
Conc: 4.57 ng/ml



#23 AR-1248-3

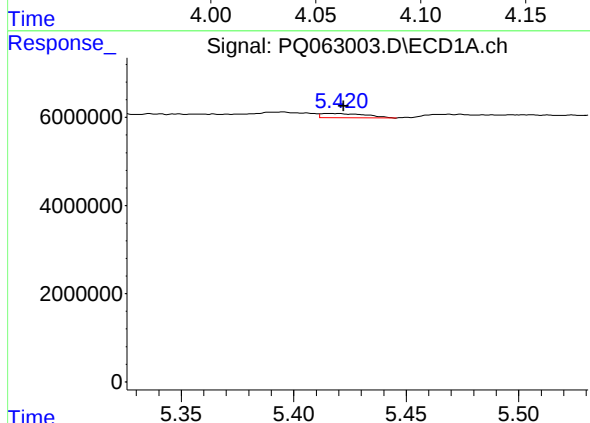
R.T.: 5.039 min
Delta R.T.: 0.013 min
Response: 851421
Conc: 4.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



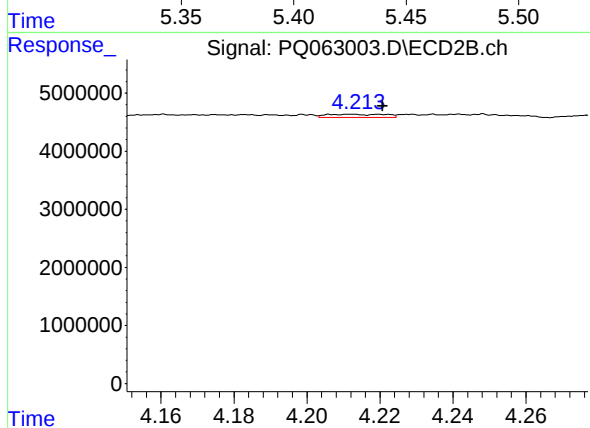
#23 AR-1248-3

R.T.: 4.065 min
Delta R.T.: 0.004 min
Response: 711297
Conc: 4.66 ng/ml



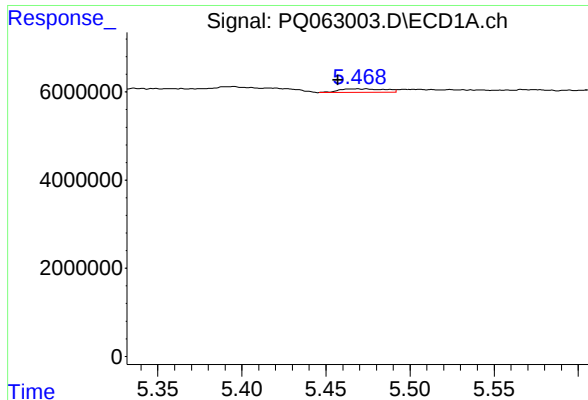
#24 AR-1248-4

R.T.: 5.418 min
Delta R.T.: -0.004 min
Response: 1344963
Conc: 5.64 ng/ml



#24 AR-1248-4

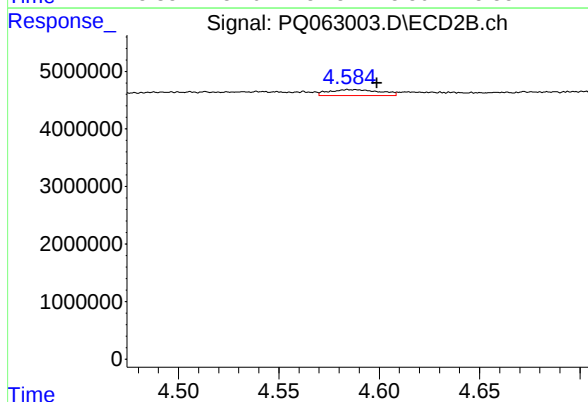
R.T.: 4.212 min
Delta R.T.: -0.009 min
Response: 611629
Conc: 3.22 ng/ml



#25 AR-1248-5

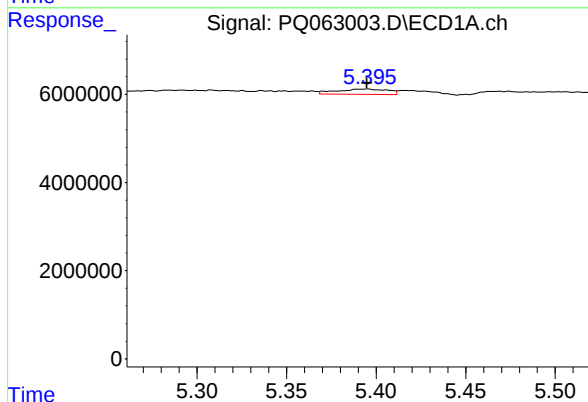
R.T.: 5.468 min
Delta R.T.: 0.011 min
Response: 1529453
Conc: 6.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



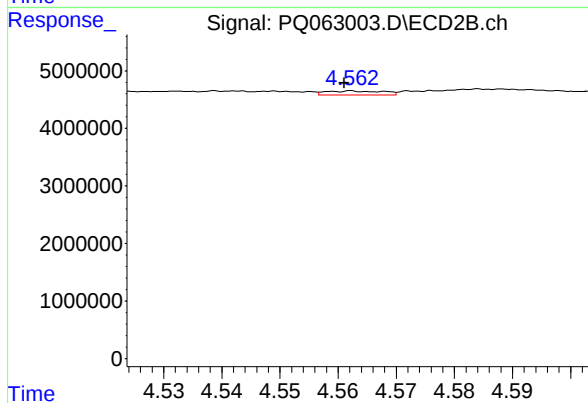
#25 AR-1248-5

R.T.: 4.584 min
Delta R.T.: -0.014 min
Response: 1807471
Conc: 9.35 ng/ml



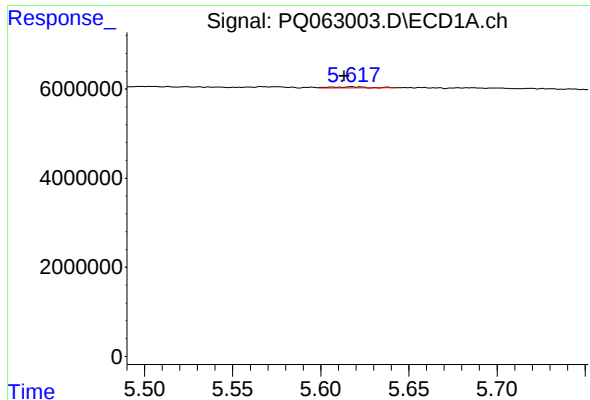
#26 AR-1254-1

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 2410071
Conc: 11.00 ng/ml



#26 AR-1254-1

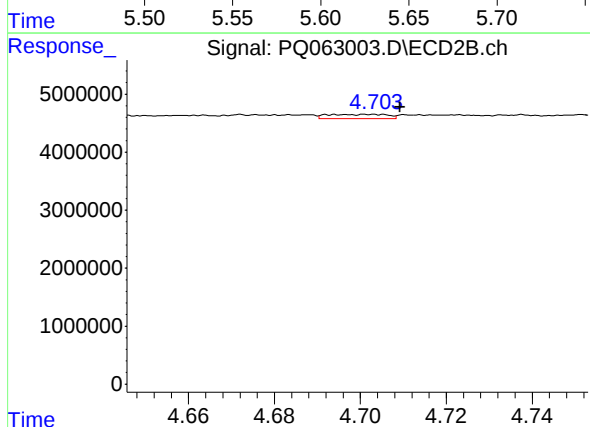
R.T.: 4.562 min
Delta R.T.: 0.001 min
Response: 479071
Conc: 1.79 ng/ml



#27 AR-1254-2

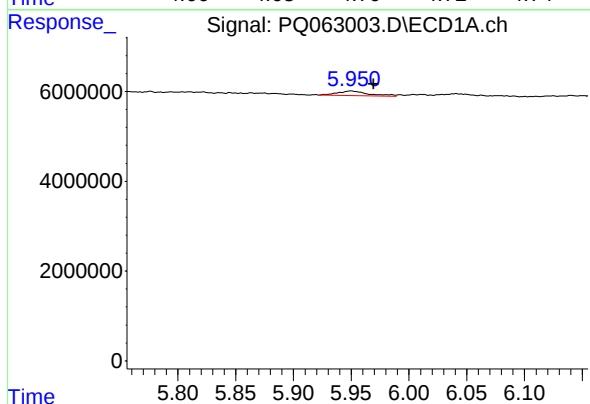
R.T.: 5.606 min
Delta R.T.: -0.007 min
Response: 358573
Conc: 1.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



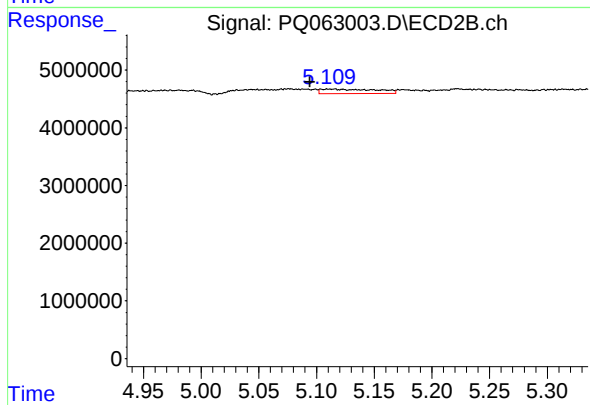
#27 AR-1254-2

R.T.: 4.703 min
Delta R.T.: -0.006 min
Response: 697738
Conc: 2.97 ng/ml



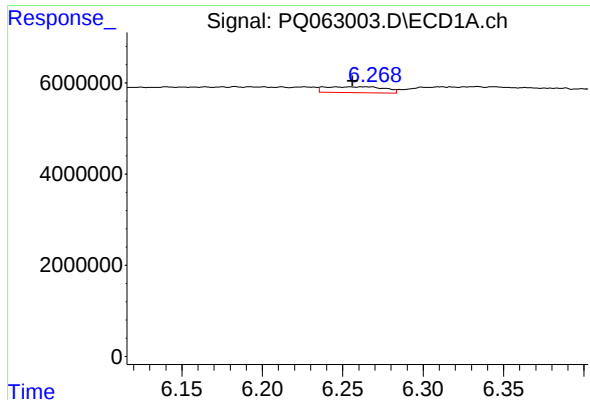
#28 AR-1254-3

R.T.: 5.950 min
Delta R.T.: -0.020 min
Response: 1846363
Conc: 5.15 ng/ml



#28 AR-1254-3

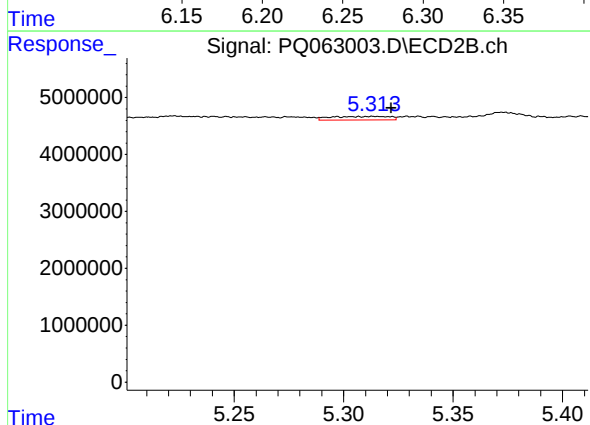
R.T.: 5.113 min
Delta R.T.: 0.018 min
Response: 2743148
Conc: 7.25 ng/ml



#29 AR-1254-4

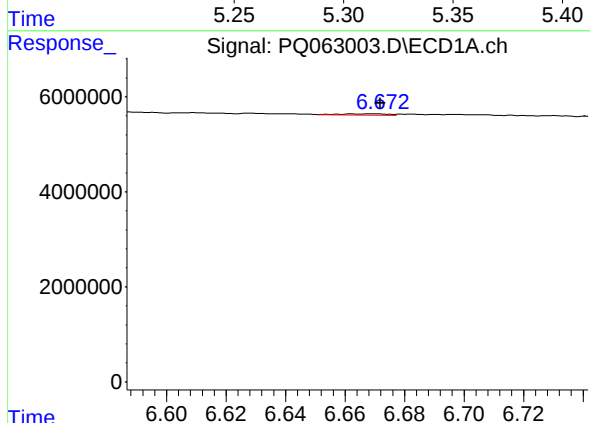
R.T.: 6.238 min
Delta R.T.: -0.019 min
Response: 3295843
Conc: 12.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



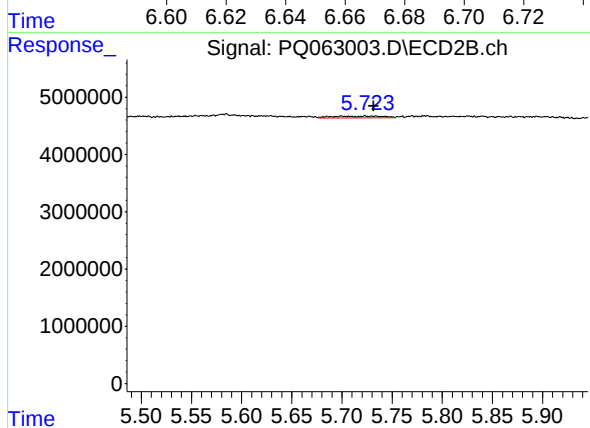
#29 AR-1254-4

R.T.: 5.315 min
Delta R.T.: -0.007 min
Response: 1187253
Conc: 4.86 ng/ml



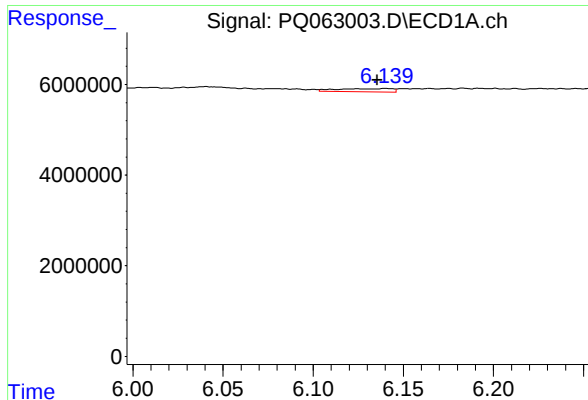
#30 AR-1254-5

R.T.: 6.669 min
Delta R.T.: -0.002 min
Response: 308516
Conc: 1.12 ng/ml



#30 AR-1254-5

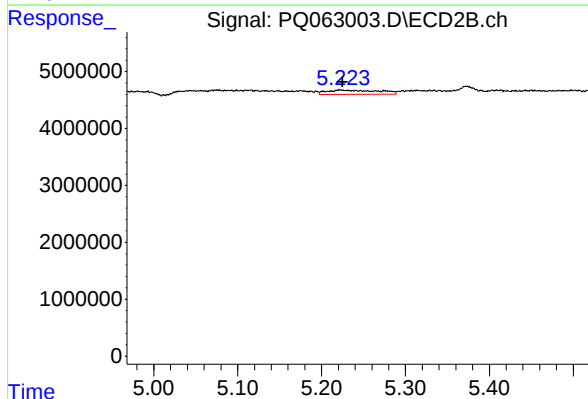
R.T.: 5.700 min
Delta R.T.: -0.031 min
Response: 1108067
Conc: 3.21 ng/ml



#31 AR-1260-1

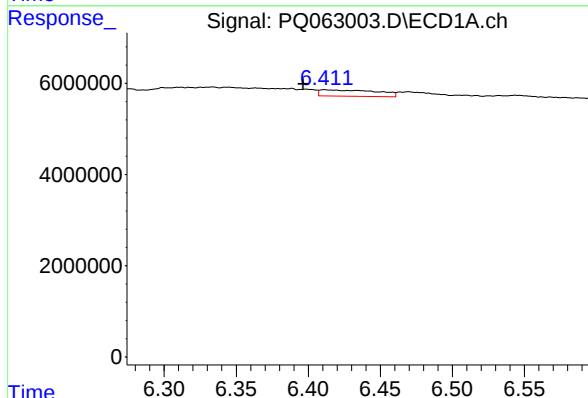
R.T.: 6.140 min
Delta R.T.: 0.005 min
Response: 1522358
Conc: 5.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



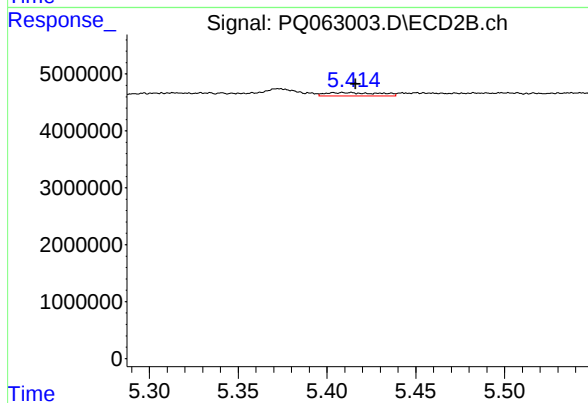
#31 AR-1260-1

R.T.: 5.222 min
Delta R.T.: -0.003 min
Response: 3242290
Conc: 12.99 ng/ml



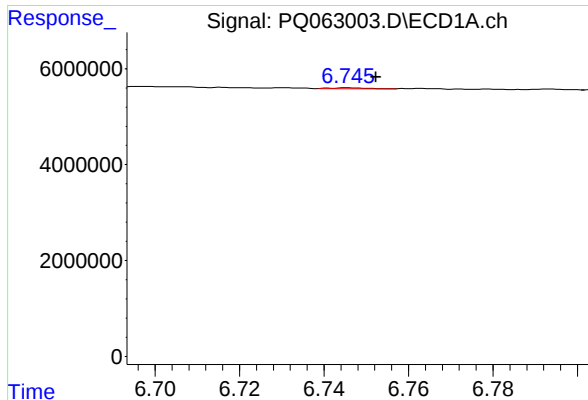
#32 AR-1260-2

R.T.: 6.412 min
Delta R.T.: 0.015 min
Response: 3869026
Conc: 12.75 ng/ml



#32 AR-1260-2

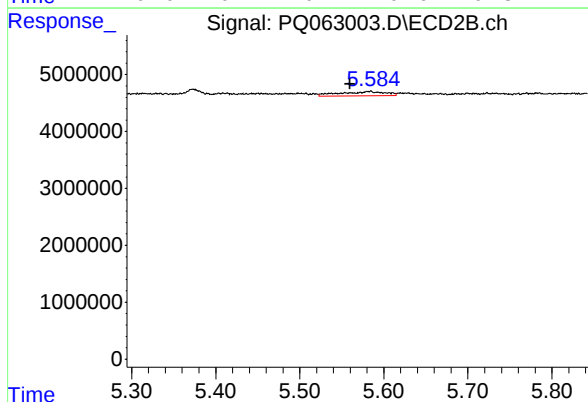
R.T.: 5.409 min
Delta R.T.: -0.007 min
Response: 1248946
Conc: 4.06 ng/ml



#33 AR-1260-3

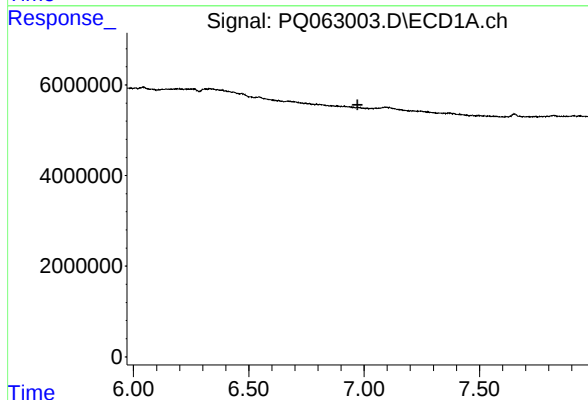
R.T.: 6.746 min
Delta R.T.: -0.006 min
Response: 119486
Conc: 0.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



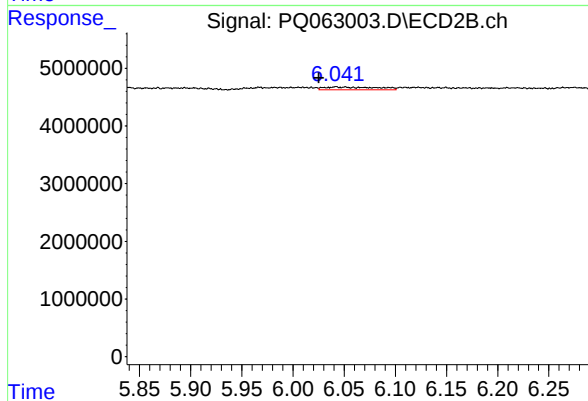
#33 AR-1260-3

R.T.: 5.583 min
Delta R.T.: 0.023 min
Response: 2767002
Conc: 8.93 ng/ml



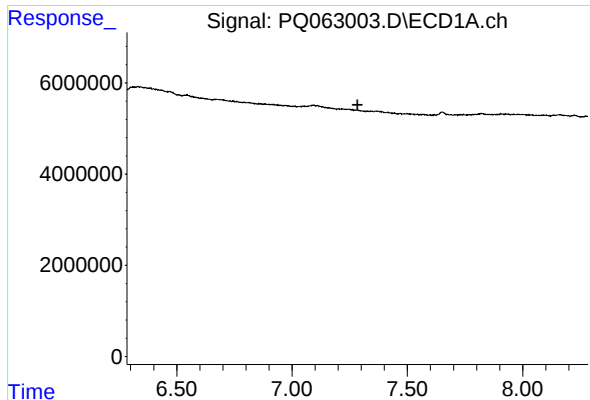
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 6.971 min
Response: 0
Conc: N.D.



#34 AR-1260-4

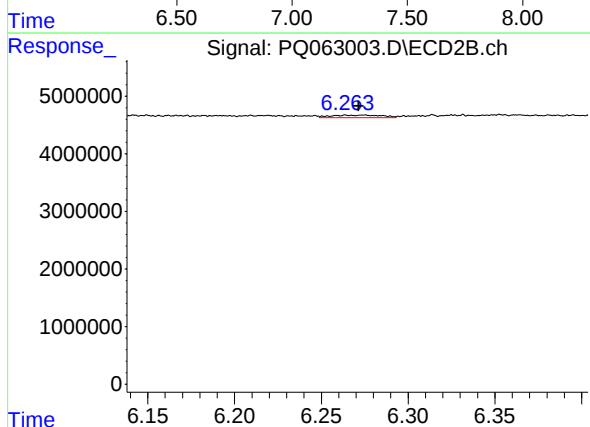
R.T.: 6.042 min
Delta R.T.: 0.016 min
Response: 1789149
Conc: 7.30 ng/ml



#35 AR-1260-5

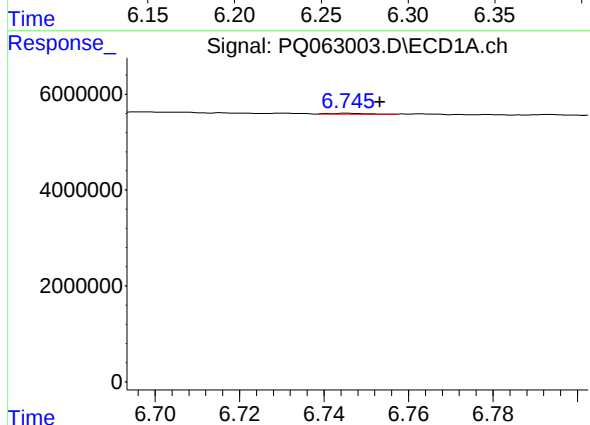
R.T.: 0.000 min
Exp R.T.: 7.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



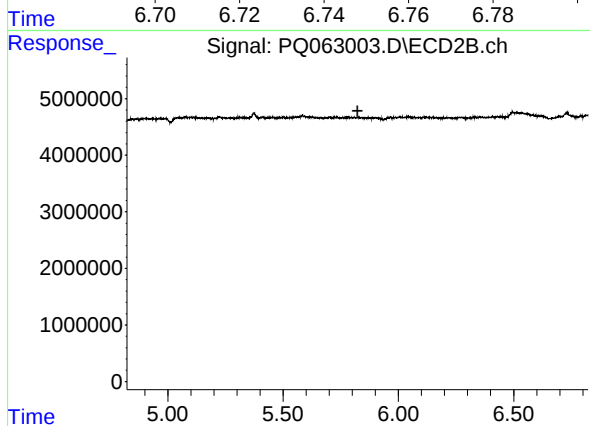
#35 AR-1260-5

R.T.: 6.264 min
Delta R.T.: -0.007 min
Response: 896477
Conc: 1.64 ng/ml



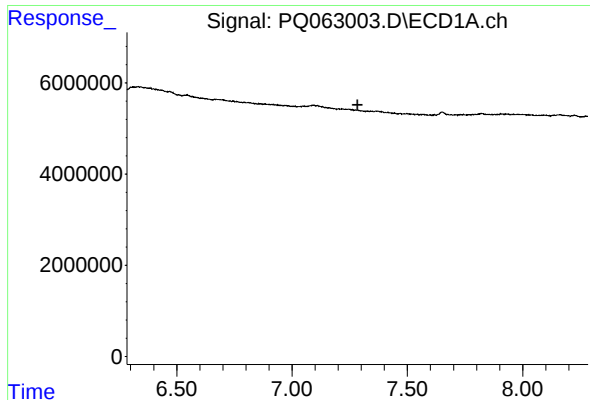
#36 AR-1262-1

R.T.: 6.746 min
Delta R.T.: -0.007 min
Response: 119486
Conc: 0.37 ng/ml



#36 AR-1262-1

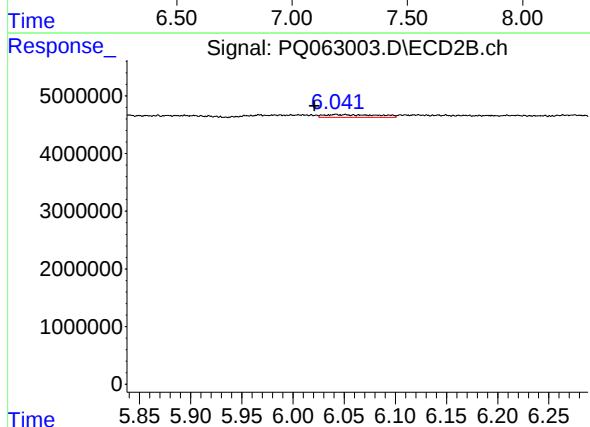
R.T.: 0.000 min
Exp R.T.: 5.823 min
Response: 0
Conc: N.D.



#37 AR-1262-2

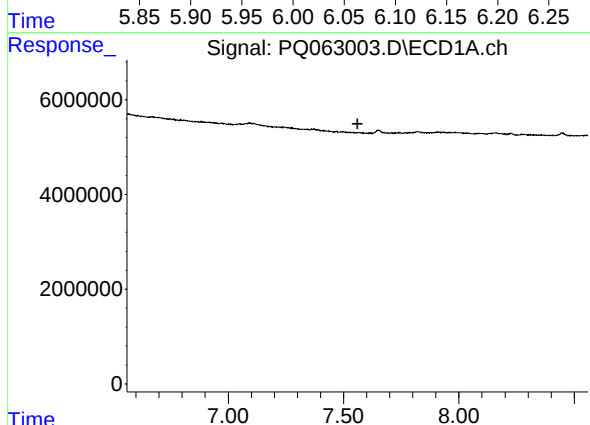
R.T.: 0.000 min
Exp R.T.: 7.284 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



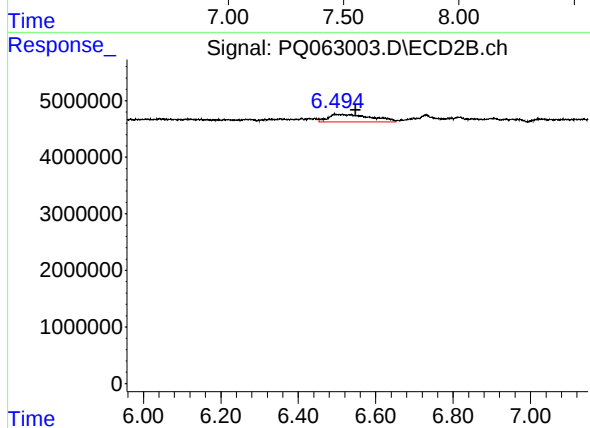
#37 AR-1262-2

R.T.: 6.042 min
Delta R.T.: 0.021 min
Response: 1789149
Conc: 5.73 ng/ml



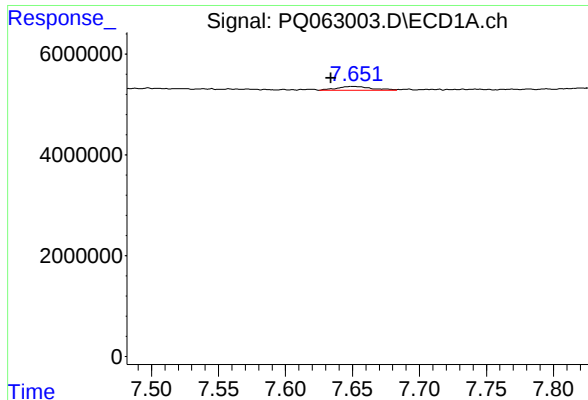
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 7.560 min
Response: 0
Conc: N.D.



#38 AR-1262-3

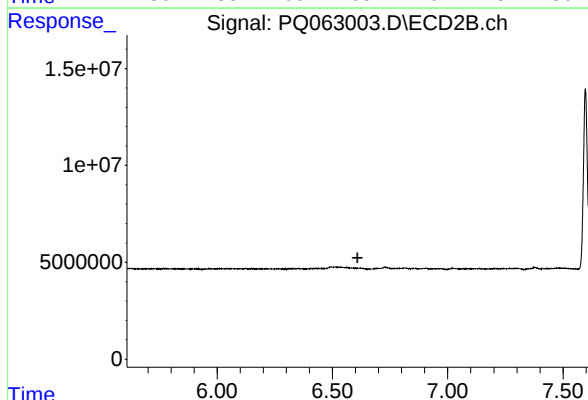
R.T.: 6.514 min
Delta R.T.: -0.035 min
Response: 10183025
Conc: 40.39 ng/ml



#39 AR-1262-4

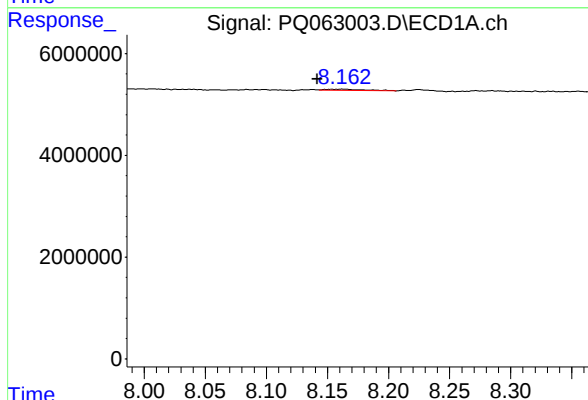
R.T.: 7.651 min
Delta R.T.: 0.017 min
Response: 1345410
Conc: 4.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



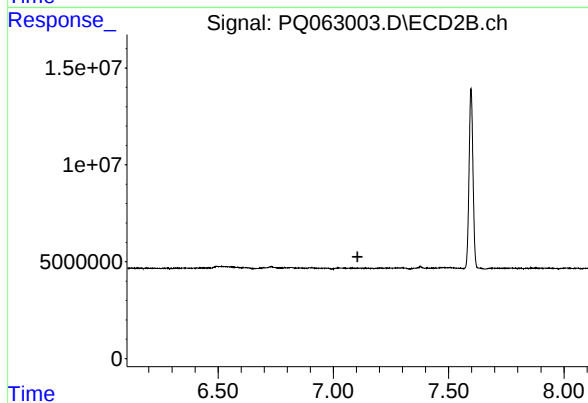
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.609 min
Response: 0
Conc: N.D.



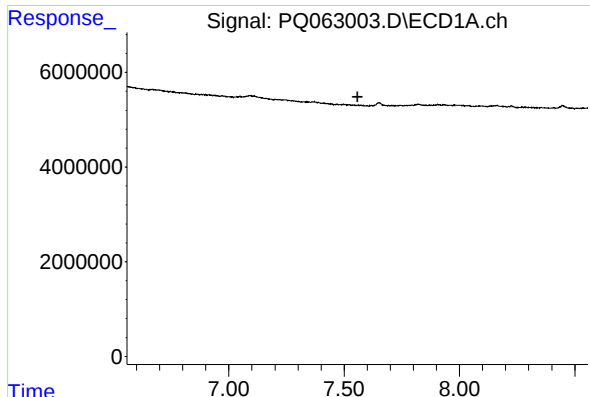
#40 AR-1262-5

R.T.: 8.163 min
Delta R.T.: 0.021 min
Response: 541340
Conc: 2.88 ng/ml



#40 AR-1262-5

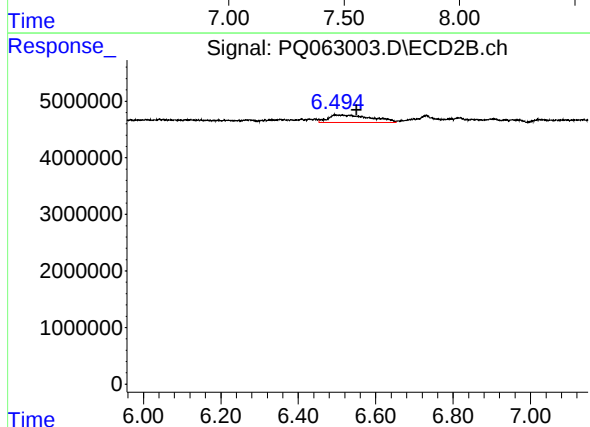
R.T.: 0.000 min
Exp R.T. : 7.105 min
Response: 0
Conc: N.D.



#41 AR-1268-1

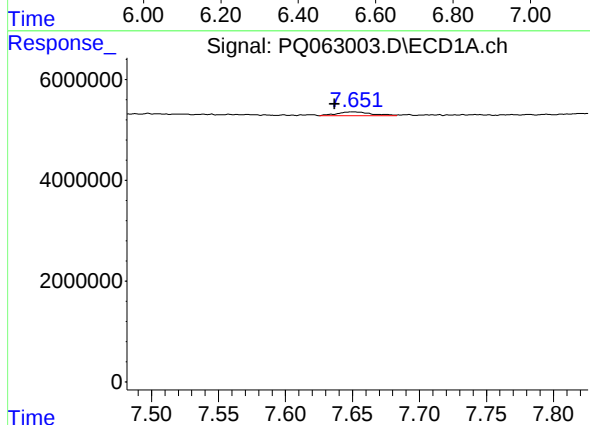
R.T.: 0.000 min
Exp R.T.: 7.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



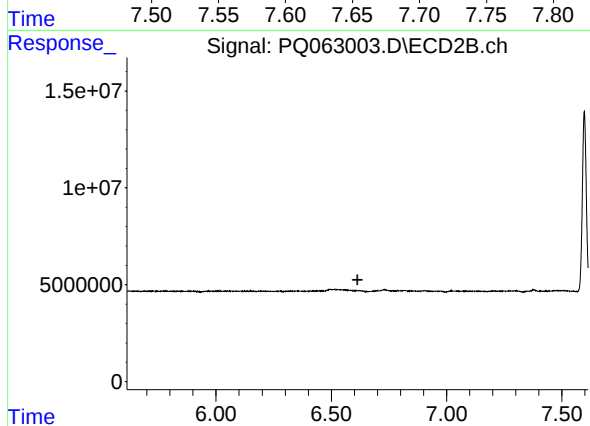
#41 AR-1268-1

R.T.: 6.514 min
Delta R.T.: -0.037 min
Response: 10183025
Conc: 13.64 ng/ml



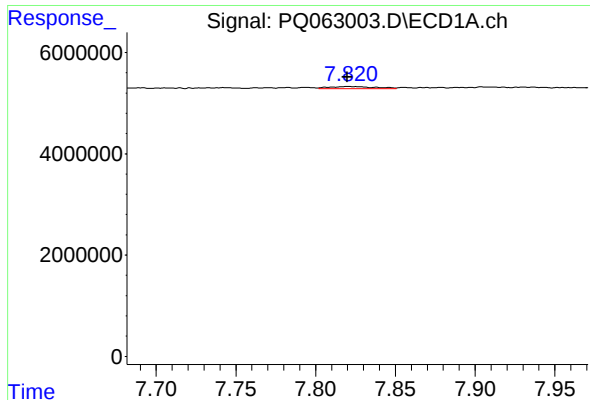
#42 AR-1268-2

R.T.: 7.651 min
Delta R.T.: 0.014 min
Response: 1345410
Conc: 2.24 ng/ml



#42 AR-1268-2

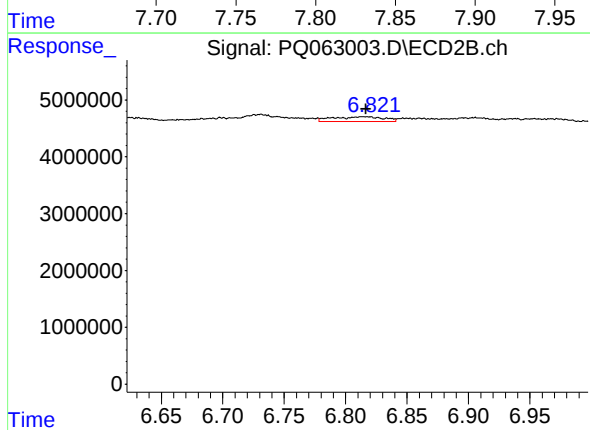
R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.



#43 AR-1268-3

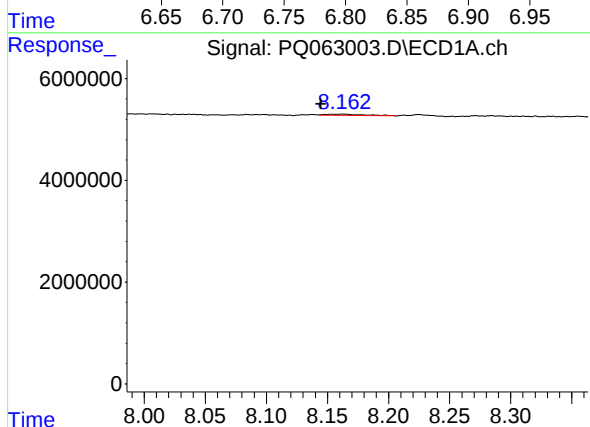
R.T.: 7.821 min
Delta R.T.: 0.000 min
Response: 896275
Conc: 1.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



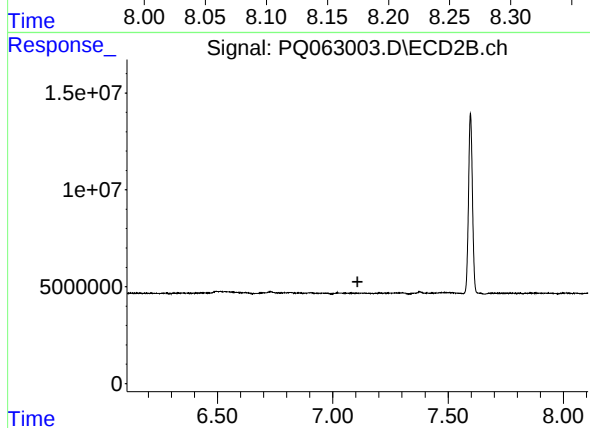
#43 AR-1268-3

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 2363434
Conc: 4.03 ng/ml



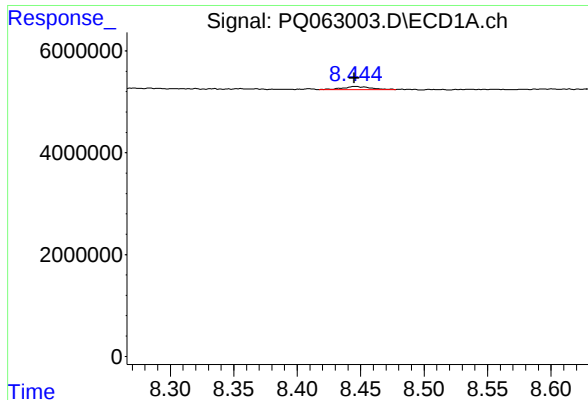
#44 AR-1268-4

R.T.: 8.163 min
Delta R.T.: 0.018 min
Response: 541340
Conc: 2.52 ng/ml



#44 AR-1268-4

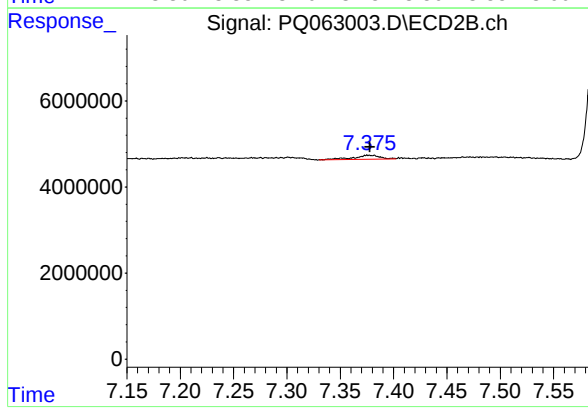
R.T.: 0.000 min
Exp R.T. : 7.107 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 908401
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 1630180
Conc: 0.92 ng/ml