

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
 Data File : PQ062929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 11:12
 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 01:06:08 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...	3.460	2.781	121.3E6	103.6E6	22.576	25.131
2) SA Decachlor...	8.698	7.593	93713869	101.7E6	24.204	23.518
Target Compounds						
3) L1 AR-1016-1	4.567	3.797	48815	83504	0.251	0.524 #
4) L1 AR-1016-2	4.577	3.824	185906	280923	0.670	1.315 #
5) L1 AR-1016-3	4.642	3.974	326298	155862	1.908	1.304 #
6) L1 AR-1016-4	0.000	4.026	0	254303	N.D.	2.621 #
7) L1 AR-1016-5	5.032	4.199	520486	887646	3.783	7.054 #
8) L2 AR-1221-1	3.670	2.991	876613	85131	12.883	1.551 #
9) L2 AR-1221-2	3.741	3.079	2118356	42542	44.400	1.128 #
10) L2 AR-1221-3	3.793	3.143	1408392	1166902	9.126	9.698
11) L3 AR-1232-1	3.793	3.143	1408392	1166902	10.901	11.976
12) L3 AR-1232-2	4.302	3.805	209016	172162	2.997	1.770 #
13) L3 AR-1232-3	4.577	3.974	185906	155862	1.521	2.935 #
14) L3 AR-1232-4	0.000	4.069	0	325985	N.D.	7.102 #
15) L3 AR-1232-5	4.834	4.199	531783	887646	12.184	16.370 #
16) L4 AR-1242-1	4.567	3.797	48815	83504	0.289	0.578 #
17) L4 AR-1242-2	4.577	3.805	185906	172162	0.771	0.906
18) L4 AR-1242-3	4.642	3.974	326298	155862	2.228	1.444 #
19) L4 AR-1242-4	0.000	4.055	0	414518	N.D.	4.161 #
20) L4 AR-1242-5	5.463	4.578	132509	1761838	1.003	13.031 #
21) L5 AR-1248-1	4.567	3.797	48815	83504	0.367	0.748 #
22) L5 AR-1248-2	4.834	4.026	531783	254303	3.043	1.610 #
23) L5 AR-1248-3	5.032	4.055	520486	414518	2.461	2.718
24) L5 AR-1248-4	5.402	4.199	1945105	887646	8.164	4.668 #
25) L5 AR-1248-5	5.463	4.613	132509	284522	0.570	1.471 #
26) L6 AR-1254-1	5.402	4.578	1945105	1761838	8.882	6.566 #
27) L6 AR-1254-2	5.623	4.694	242874	2943050	0.717	12.539 #
28) L6 AR-1254-3	5.958	5.098	1827161	1637519	5.096	4.330
29) L6 AR-1254-4	6.264	5.315	790700	732109	2.918	2.997
30) L6 AR-1254-5	0.000	5.701f	0	880806	N.D.	2.552 #
31) L7 AR-1260-1	6.143	5.220	338755	1271904	1.325	5.096 #
32) L7 AR-1260-2	6.417	5.410	835565	417277	2.753	1.355 #
33) L7 AR-1260-3	0.000	5.561	0	3277054	N.D.	10.576 #
34) L7 AR-1260-4	6.996f	6.041	95442	894683	0.398	3.649 #
35) L7 AR-1260-5	7.295	6.278	237767	725653	0.507	1.328 #
36) L8 AR-1262-1	0.000	5.838	0	100175	N.D.	0.702 #
37) L8 AR-1262-2	7.295	6.003	237767	688830	0.438	2.204 #
38) L8 AR-1262-3	7.561	6.507f	228821	6373261	0.633	25.282 #
39) L8 AR-1262-4	7.657	6.617	3093988	1212764	11.039	2.594 #
40) L8 AR-1262-5	8.153	0.000	94447	0	0.502	N.D. #
41) L9 AR-1268-1	7.561	6.507f	228821	6373261	0.354	8.540 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
 Data File : PQ062929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 11:12
 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 01:06:08 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

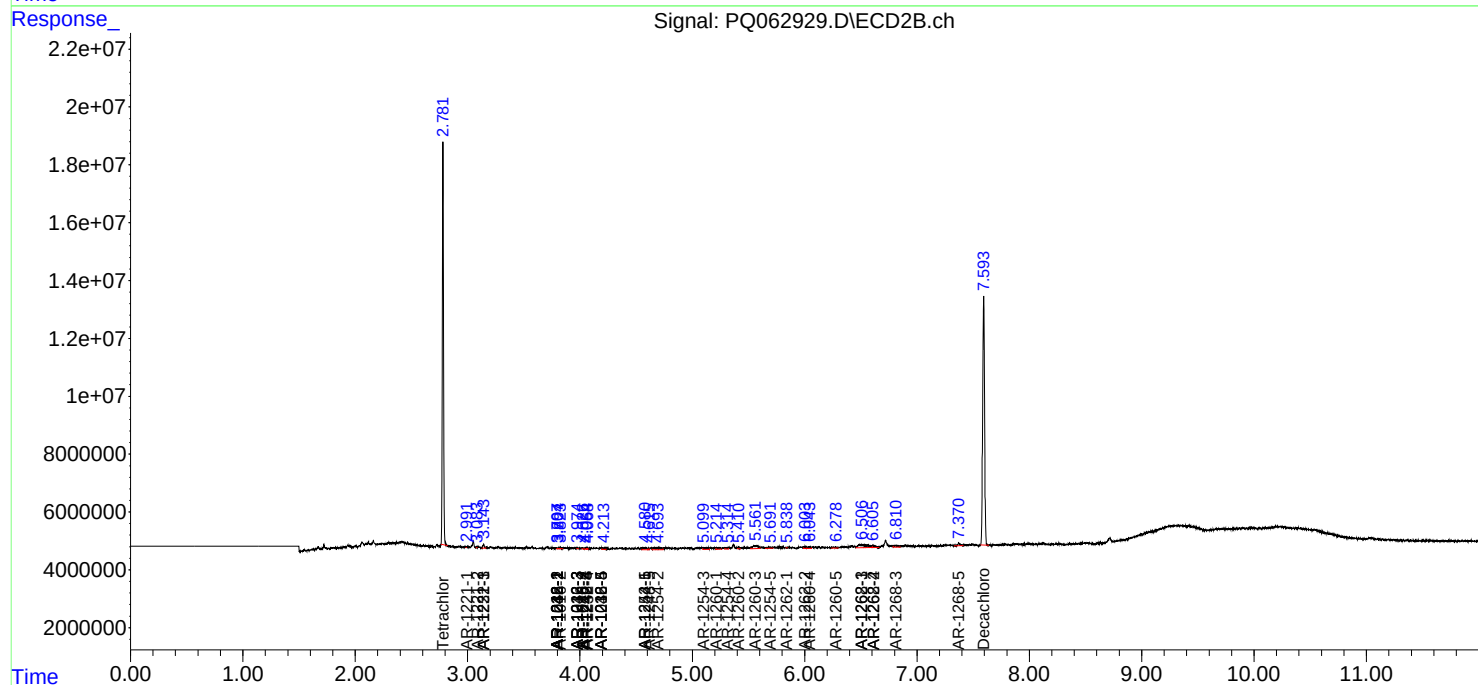
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

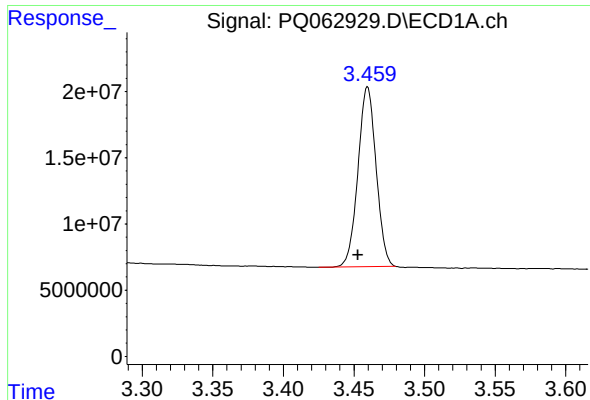
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.657	6.617	3093988	1212764	5.159	1.766 #
43) L9	AR-1268-3	7.833	6.813	654742	1414402	1.330	2.410 #
44) L9	AR-1268-4	8.153	0.000	94447	0	0.440	N.D. #
45) L9	AR-1268-5	8.459	7.373	1018920	1393233	0.661	0.786

(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

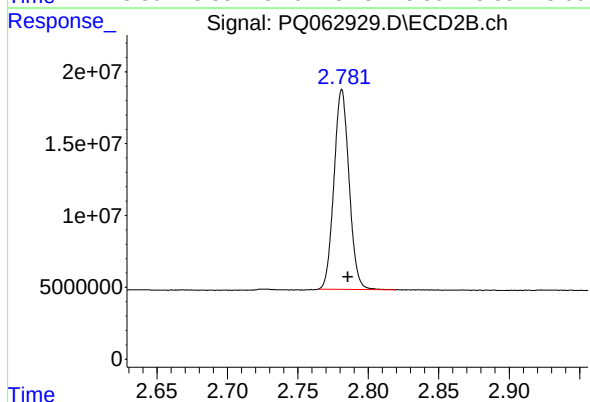




#1 Tetrachloro-m-xylene

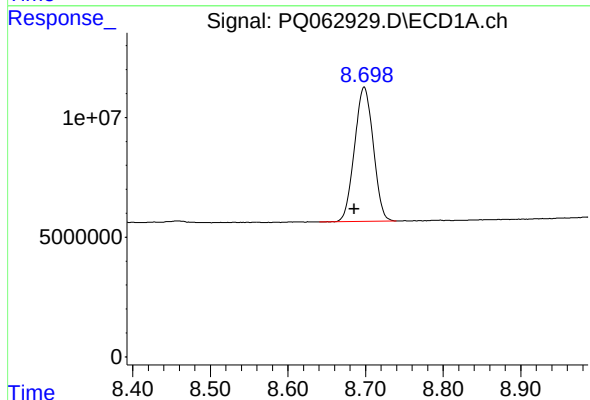
R.T.: 3.460 min
Delta R.T.: 0.007 min
Response: 121310308
Conc: 22.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



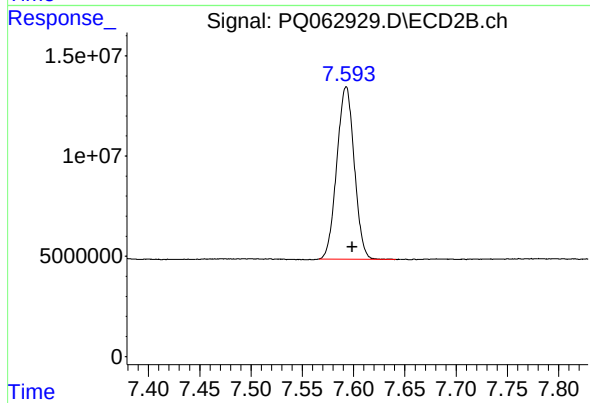
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.004 min
Response: 103648362
Conc: 25.13 ng/ml



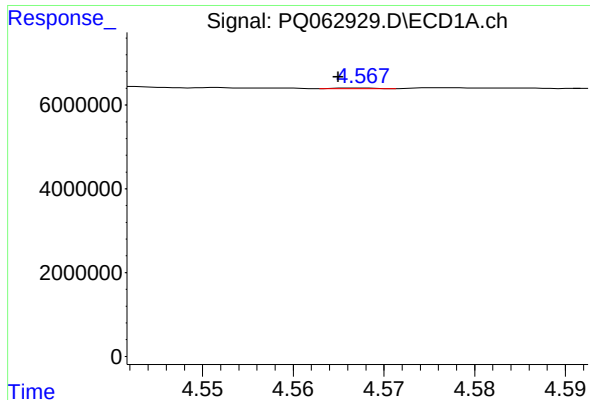
#2 Decachlorobiphenyl

R.T.: 8.698 min
Delta R.T.: 0.013 min
Response: 93713869
Conc: 24.20 ng/ml



#2 Decachlorobiphenyl

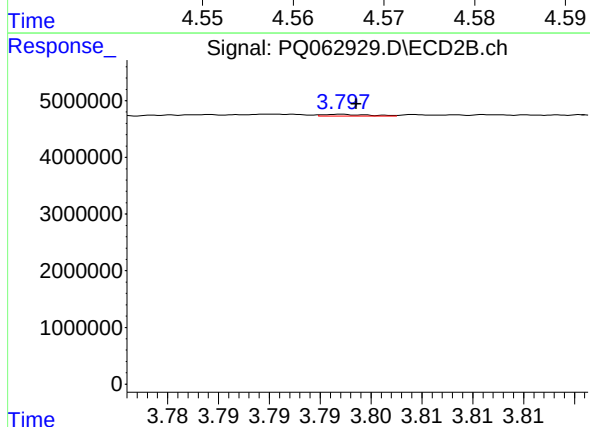
R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 101725414
Conc: 23.52 ng/ml



#3 AR-1016-1

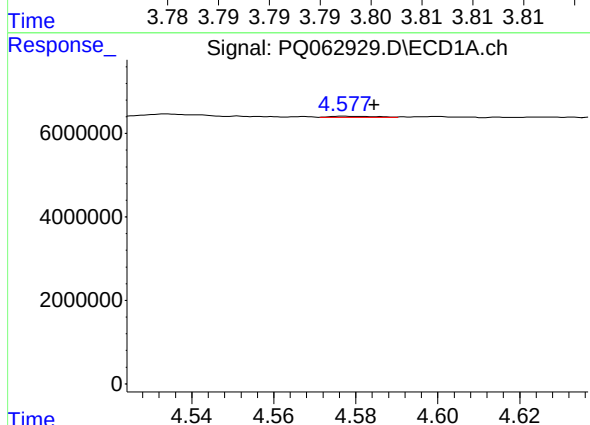
R.T.: 4.567 min
Delta R.T.: 0.002 min
Response: 48815
Conc: 0.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



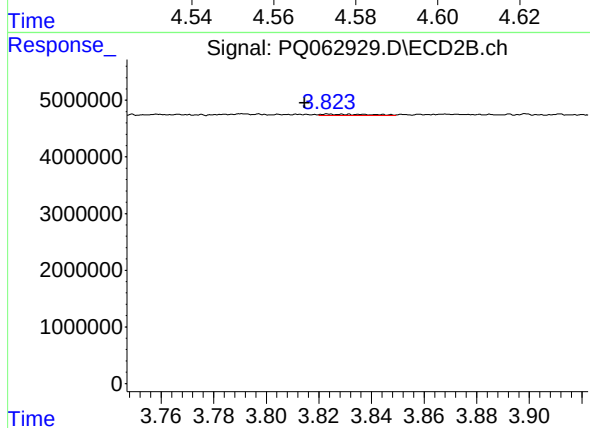
#3 AR-1016-1

R.T.: 3.797 min
Delta R.T.: -0.001 min
Response: 83504
Conc: 0.52 ng/ml



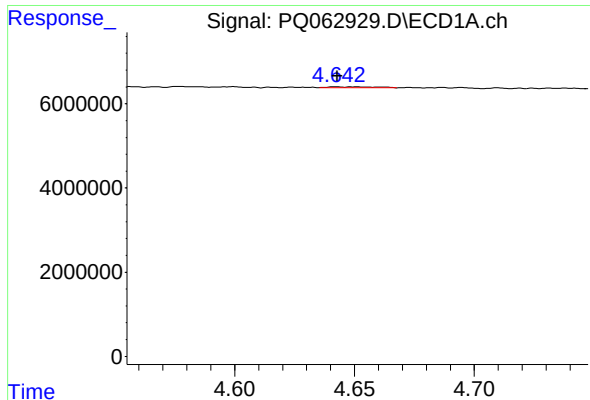
#4 AR-1016-2

R.T.: 4.577 min
Delta R.T.: -0.008 min
Response: 185906
Conc: 0.67 ng/ml



#4 AR-1016-2

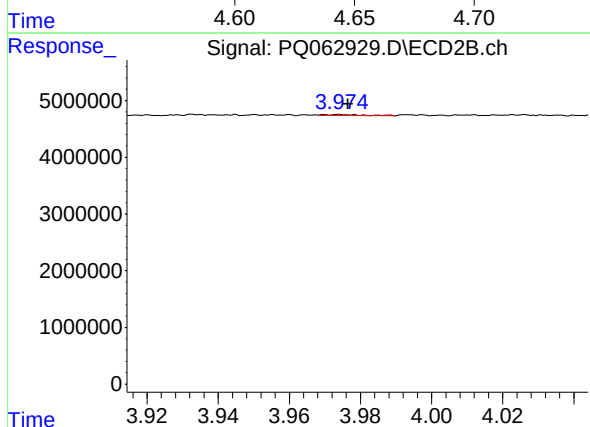
R.T.: 3.824 min
Delta R.T.: 0.009 min
Response: 280923
Conc: 1.31 ng/ml



#5 AR-1016-3

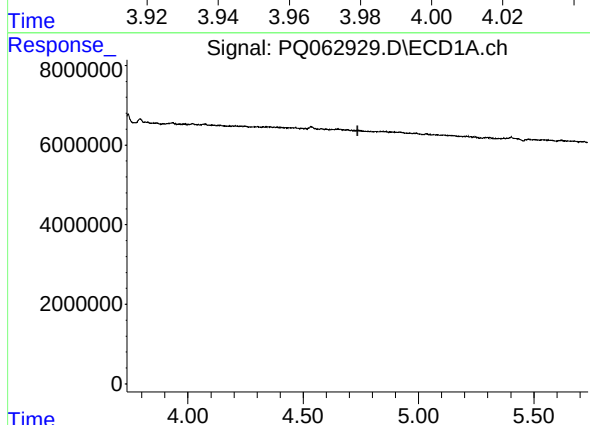
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 326298
Conc: 1.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



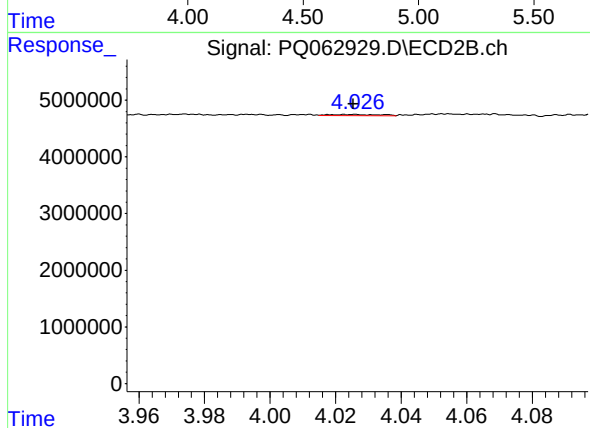
#5 AR-1016-3

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 155862
Conc: 1.30 ng/ml



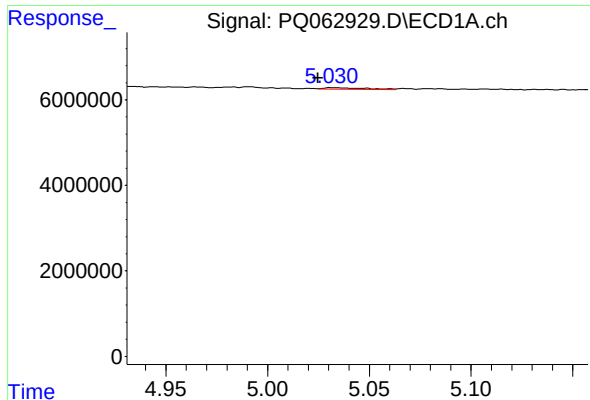
#6 AR-1016-4

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



#6 AR-1016-4

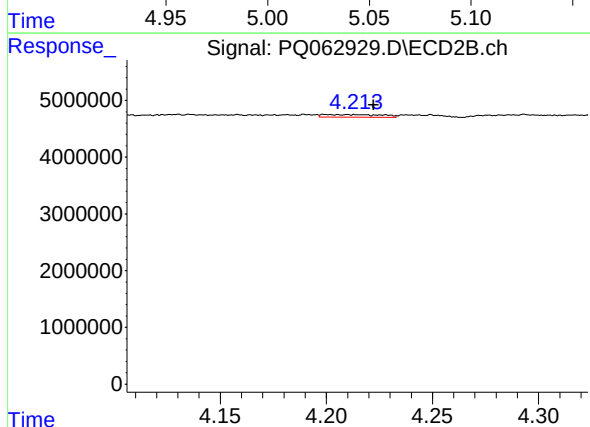
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 254303
Conc: 2.62 ng/ml



#7 AR-1016-5

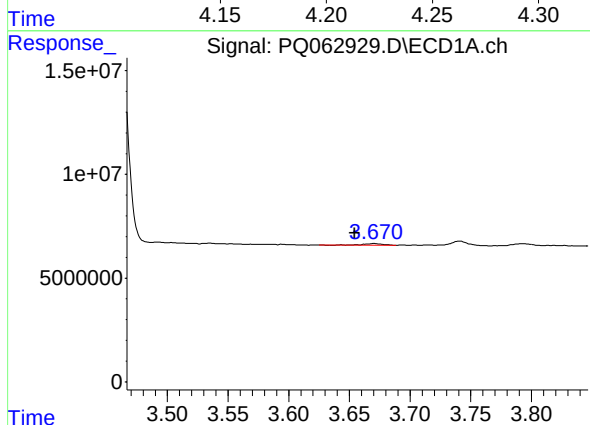
R.T.: 5.032 min
Delta R.T.: 0.007 min
Response: 520486
Conc: 3.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



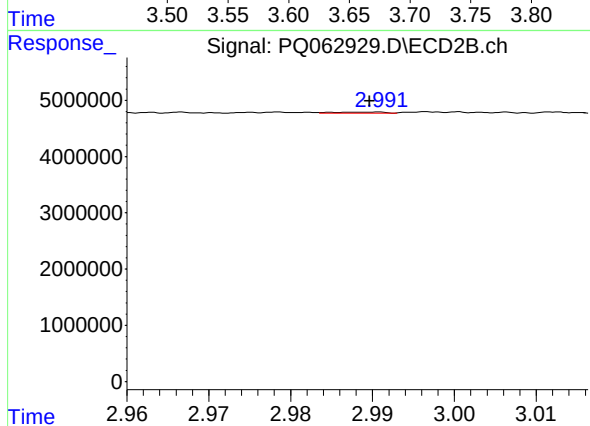
#7 AR-1016-5

R.T.: 4.199 min
Delta R.T.: -0.023 min
Response: 887646
Conc: 7.05 ng/ml



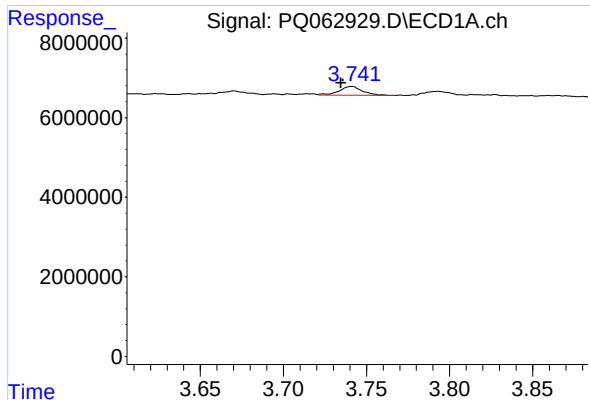
#8 AR-1221-1

R.T.: 3.670 min
Delta R.T.: 0.016 min
Response: 876613
Conc: 12.88 ng/ml



#8 AR-1221-1

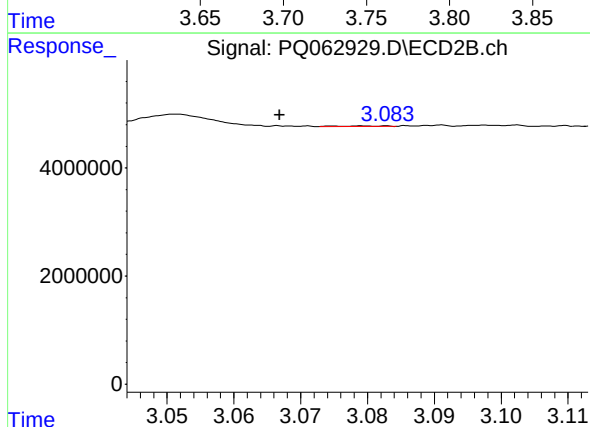
R.T.: 2.991 min
Delta R.T.: 0.000 min
Response: 85131
Conc: 1.55 ng/ml



#9 AR-1221-2

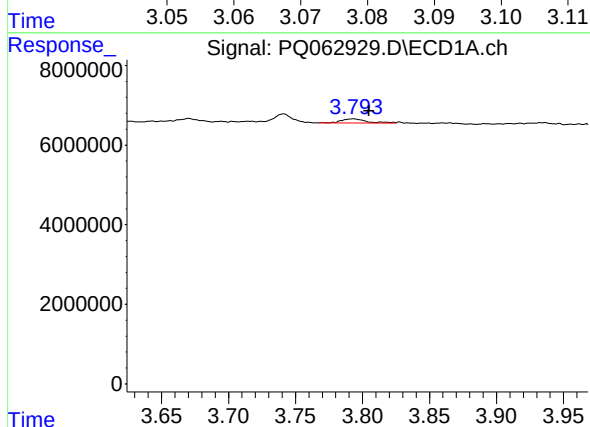
R.T.: 3.741 min
Delta R.T.: 0.006 min
Response: 2118356
Conc: 44.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



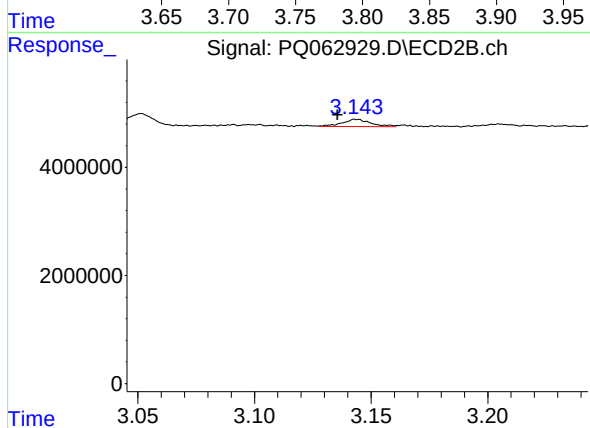
#9 AR-1221-2

R.T.: 3.079 min
Delta R.T.: 0.012 min
Response: 42542
Conc: 1.13 ng/ml



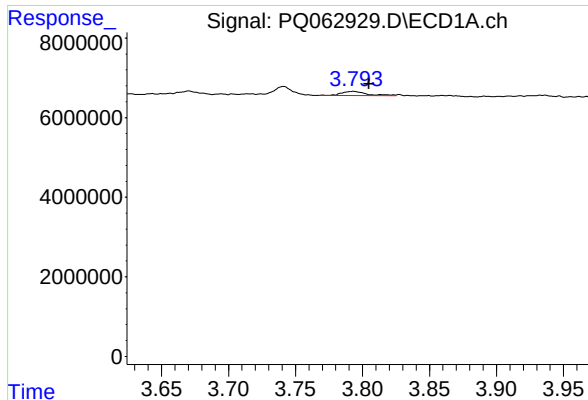
#10 AR-1221-3

R.T.: 3.793 min
Delta R.T.: -0.012 min
Response: 1408392
Conc: 9.13 ng/ml



#10 AR-1221-3

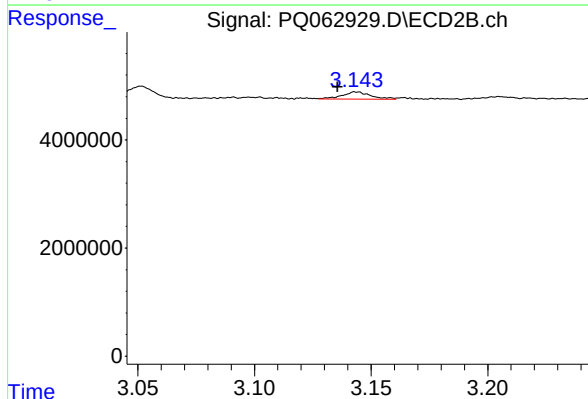
R.T.: 3.143 min
Delta R.T.: 0.008 min
Response: 1166902
Conc: 9.70 ng/ml



#11 AR-1232-1

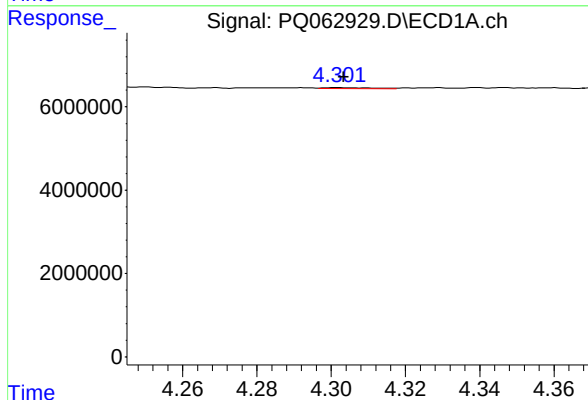
R.T.: 3.793 min
Delta R.T.: -0.012 min
Response: 1408392
Conc: 10.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



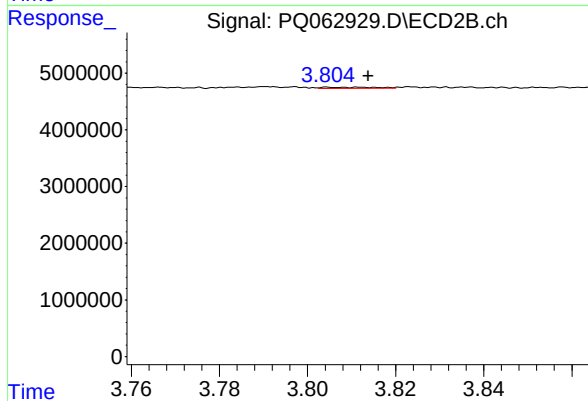
#11 AR-1232-1

R.T.: 3.143 min
Delta R.T.: 0.008 min
Response: 1166902
Conc: 11.98 ng/ml



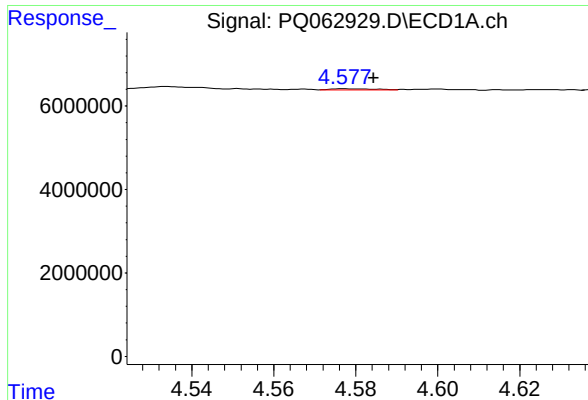
#12 AR-1232-2

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 209016
Conc: 3.00 ng/ml



#12 AR-1232-2

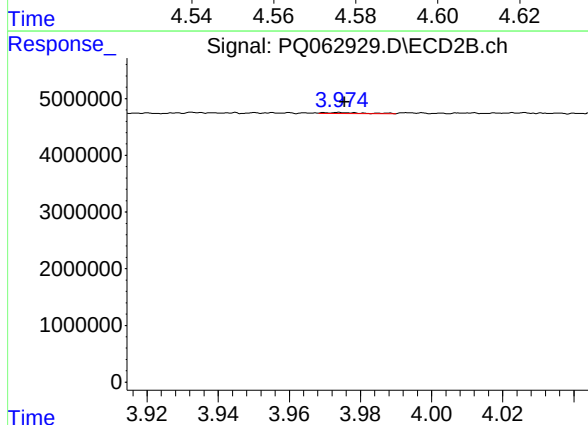
R.T.: 3.805 min
Delta R.T.: -0.009 min
Response: 172162
Conc: 1.77 ng/ml



#13 AR-1232-3

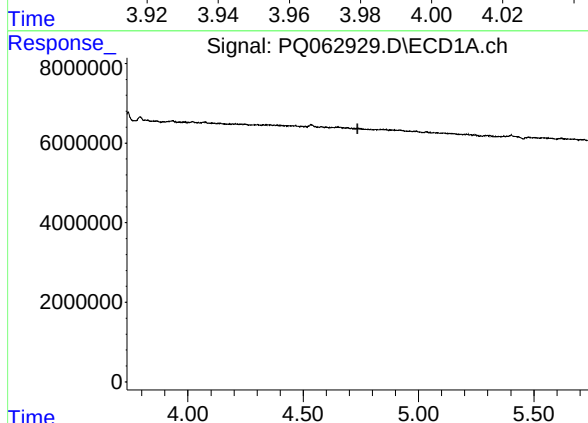
R.T.: 4.577 min
Delta R.T.: -0.007 min
Response: 185906
Conc: 1.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



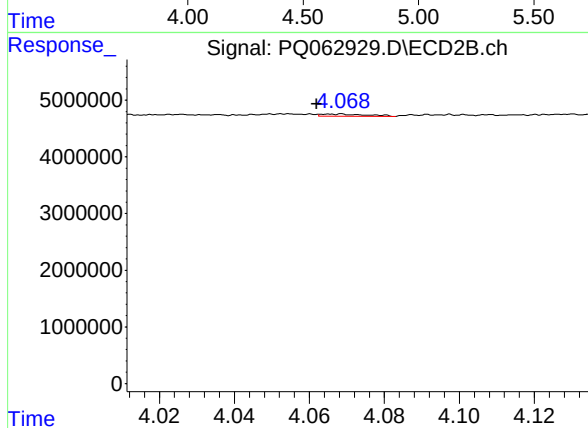
#13 AR-1232-3

R.T.: 3.974 min
Delta R.T.: -0.001 min
Response: 155862
Conc: 2.94 ng/ml



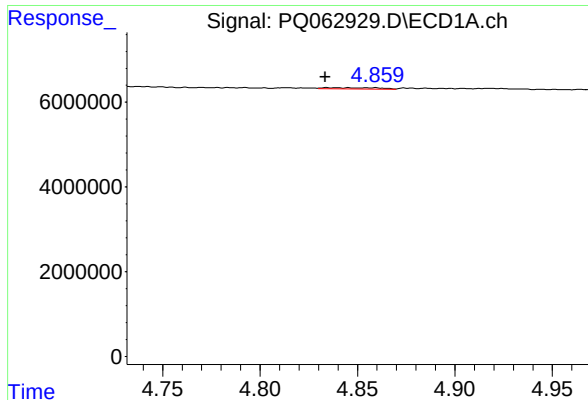
#14 AR-1232-4

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



#14 AR-1232-4

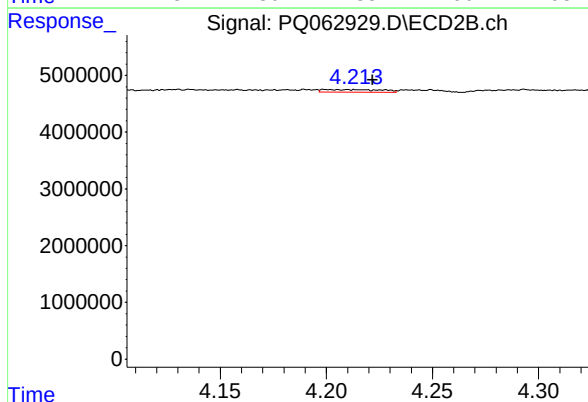
R.T.: 4.069 min
Delta R.T.: 0.007 min
Response: 325985
Conc: 7.10 ng/ml



#15 AR-1232-5

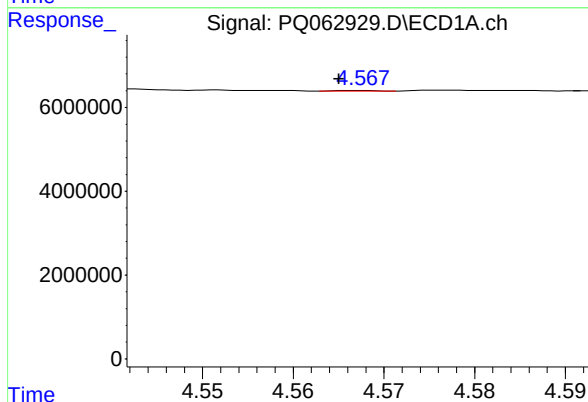
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 531783
Conc: 12.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



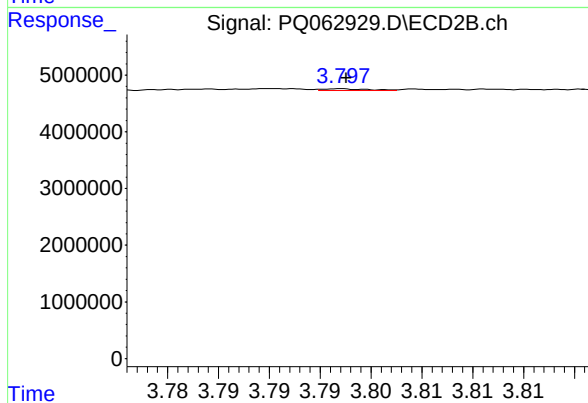
#15 AR-1232-5

R.T.: 4.199 min
Delta R.T.: -0.023 min
Response: 887646
Conc: 16.37 ng/ml



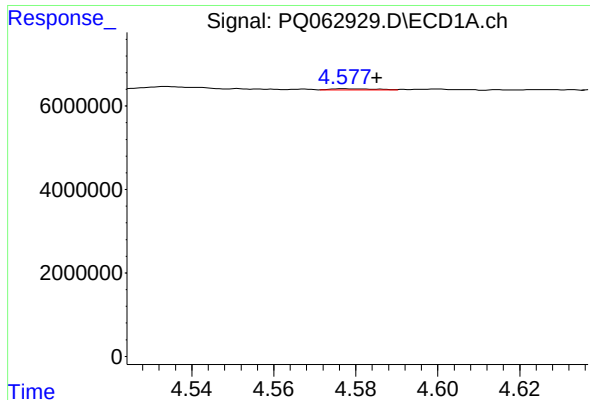
#16 AR-1242-1

R.T.: 4.567 min
Delta R.T.: 0.002 min
Response: 48815
Conc: 0.29 ng/ml



#16 AR-1242-1

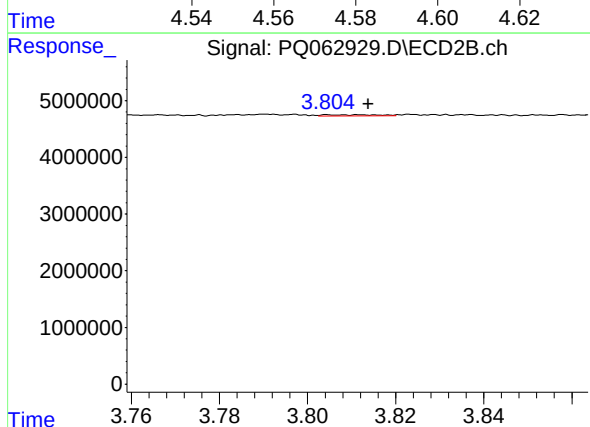
R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 83504
Conc: 0.58 ng/ml



#17 AR-1242-2

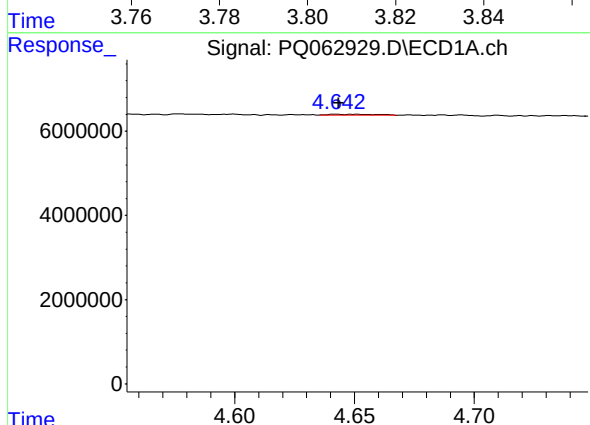
R.T.: 4.577 min
Delta R.T.: -0.008 min
Response: 185906
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



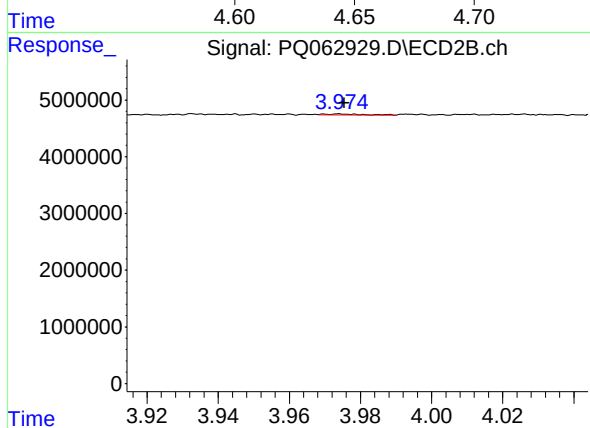
#17 AR-1242-2

R.T.: 3.805 min
Delta R.T.: -0.009 min
Response: 172162
Conc: 0.91 ng/ml



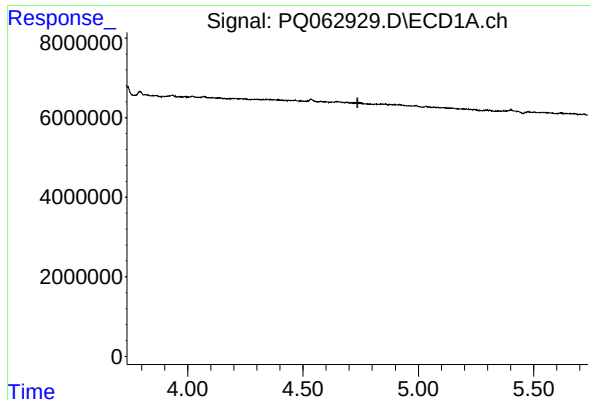
#18 AR-1242-3

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 326298
Conc: 2.23 ng/ml



#18 AR-1242-3

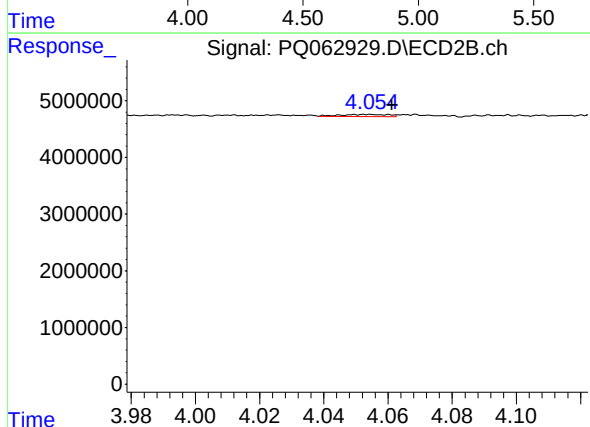
R.T.: 3.974 min
Delta R.T.: -0.001 min
Response: 155862
Conc: 1.44 ng/ml



#19 AR-1242-4

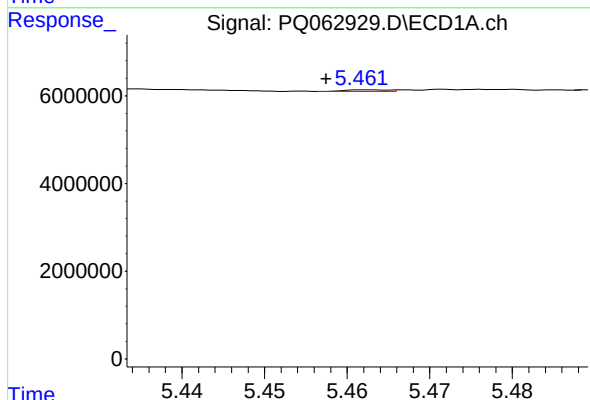
R.T.: 0.000 min
Exp R.T.: 4.736 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



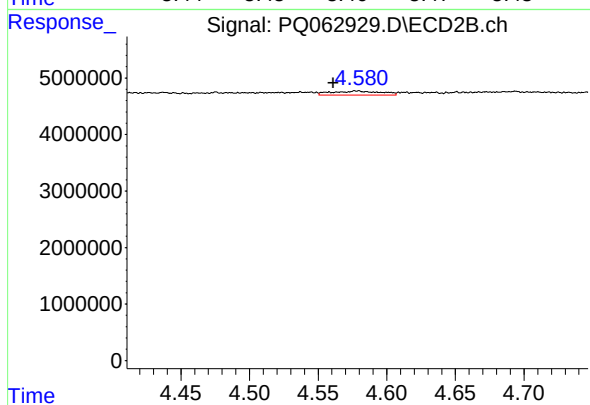
#19 AR-1242-4

R.T.: 4.055 min
Delta R.T.: -0.006 min
Response: 414518
Conc: 4.16 ng/ml



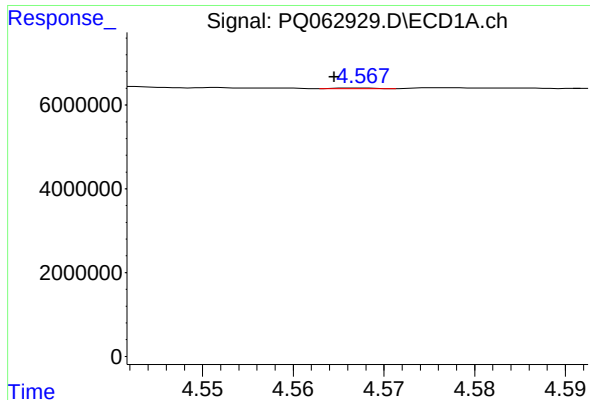
#20 AR-1242-5

R.T.: 5.463 min
Delta R.T.: 0.005 min
Response: 132509
Conc: 1.00 ng/ml



#20 AR-1242-5

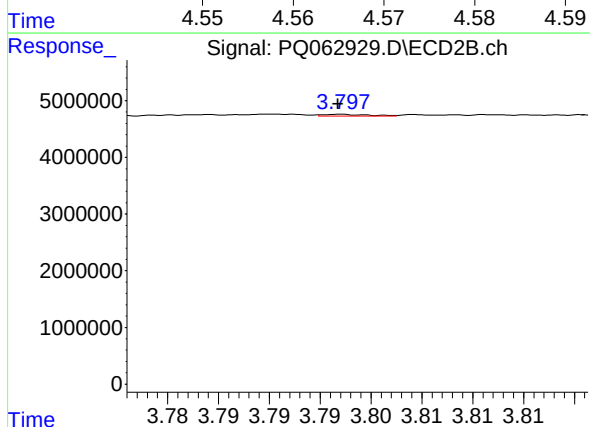
R.T.: 4.578 min
Delta R.T.: 0.017 min
Response: 1761838
Conc: 13.03 ng/ml



#21 AR-1248-1

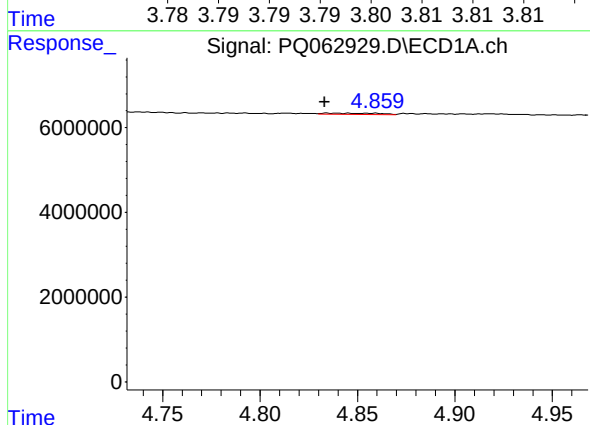
R.T.: 4.567 min
Delta R.T.: 0.003 min
Response: 48815
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



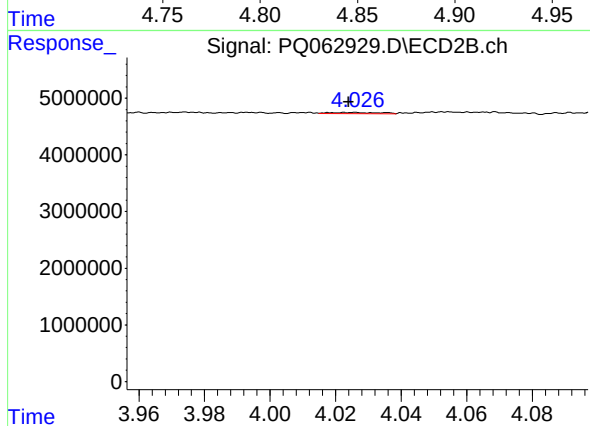
#21 AR-1248-1

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 83504
Conc: 0.75 ng/ml



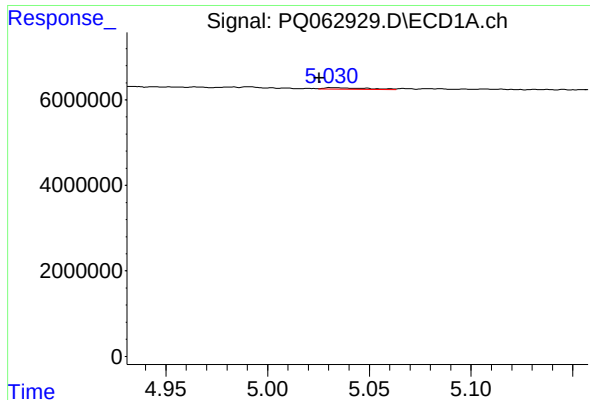
#22 AR-1248-2

R.T.: 4.834 min
Delta R.T.: 0.001 min
Response: 531783
Conc: 3.04 ng/ml



#22 AR-1248-2

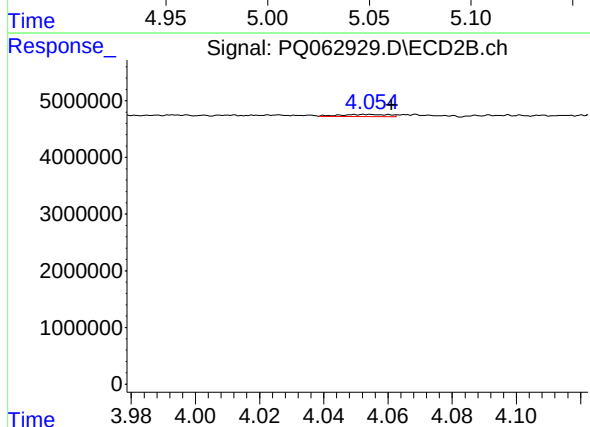
R.T.: 4.026 min
Delta R.T.: 0.002 min
Response: 254303
Conc: 1.61 ng/ml



#23 AR-1248-3

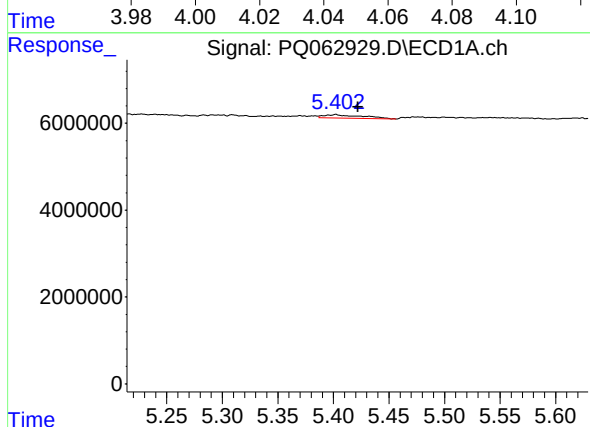
R.T.: 5.032 min
Delta R.T.: 0.006 min
Response: 520486
Conc: 2.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



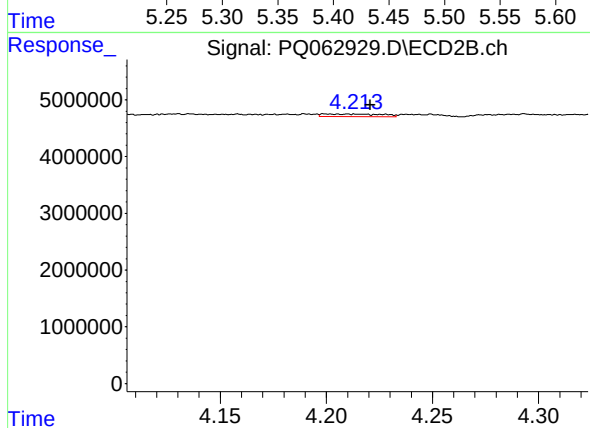
#23 AR-1248-3

R.T.: 4.055 min
Delta R.T.: -0.006 min
Response: 414518
Conc: 2.72 ng/ml



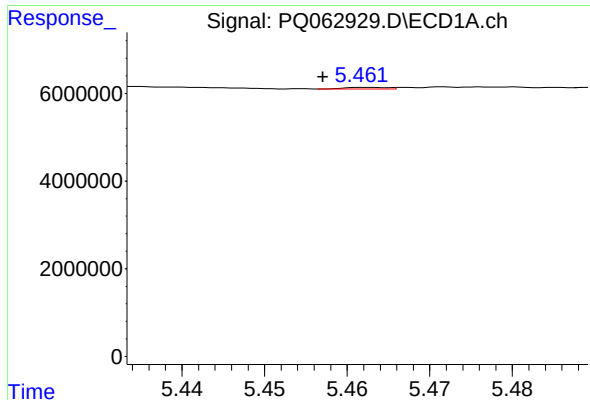
#24 AR-1248-4

R.T.: 5.402 min
Delta R.T.: -0.020 min
Response: 1945105
Conc: 8.16 ng/ml



#24 AR-1248-4

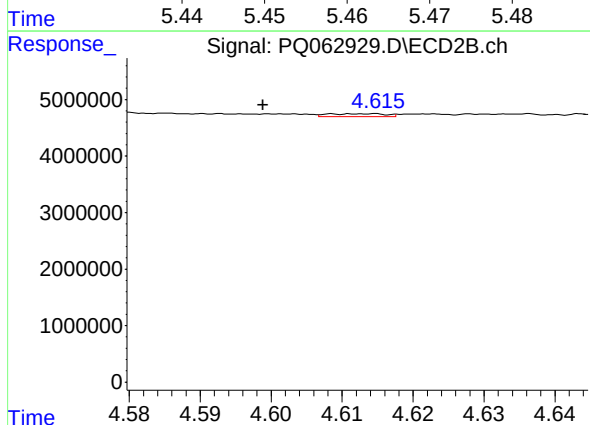
R.T.: 4.199 min
Delta R.T.: -0.022 min
Response: 887646
Conc: 4.67 ng/ml



#25 AR-1248-5

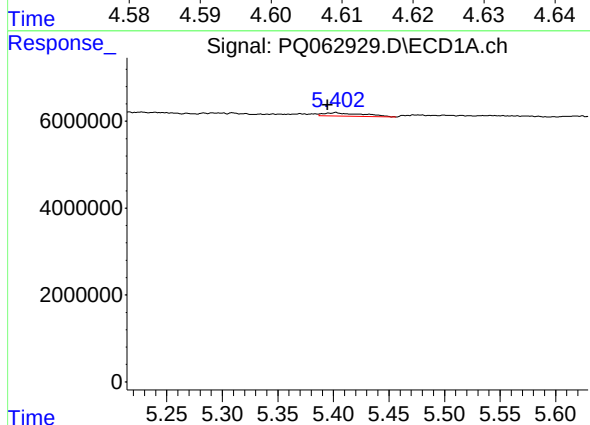
R.T.: 5.463 min
Delta R.T.: 0.006 min
Response: 132509
Conc: 0.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



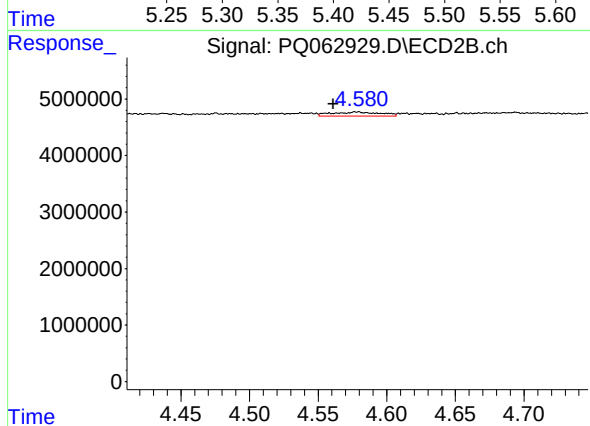
#25 AR-1248-5

R.T.: 4.613 min
Delta R.T.: 0.015 min
Response: 284522
Conc: 1.47 ng/ml



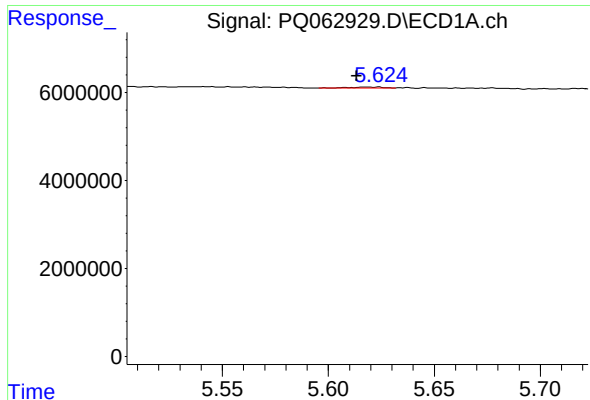
#26 AR-1254-1

R.T.: 5.402 min
Delta R.T.: 0.007 min
Response: 1945105
Conc: 8.88 ng/ml



#26 AR-1254-1

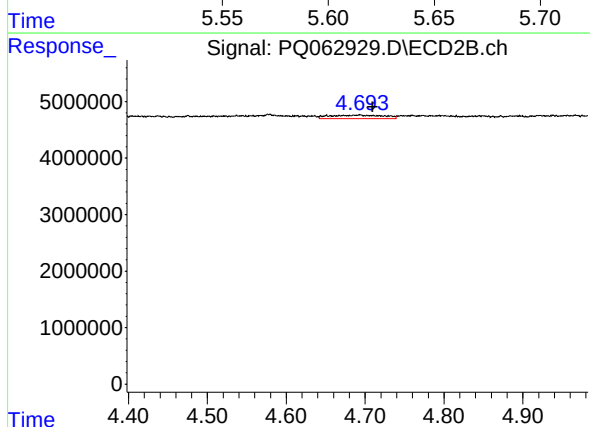
R.T.: 4.578 min
Delta R.T.: 0.017 min
Response: 1761838
Conc: 6.57 ng/ml



#27 AR-1254-2

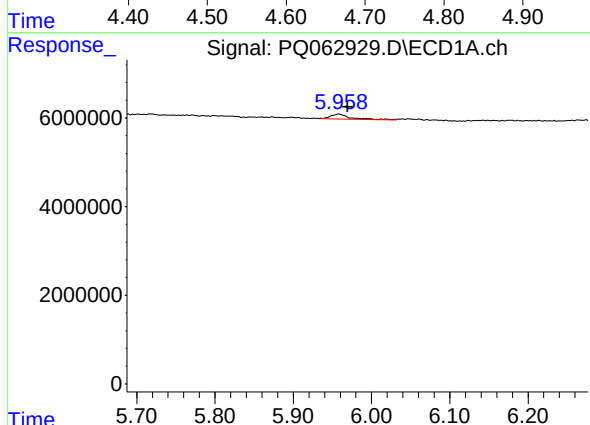
R.T.: 5.623 min
Delta R.T.: 0.010 min
Response: 242874
Conc: 0.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



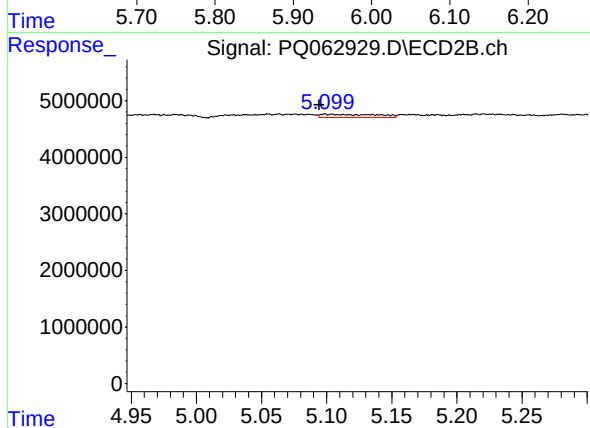
#27 AR-1254-2

R.T.: 4.694 min
Delta R.T.: -0.015 min
Response: 2943050
Conc: 12.54 ng/ml



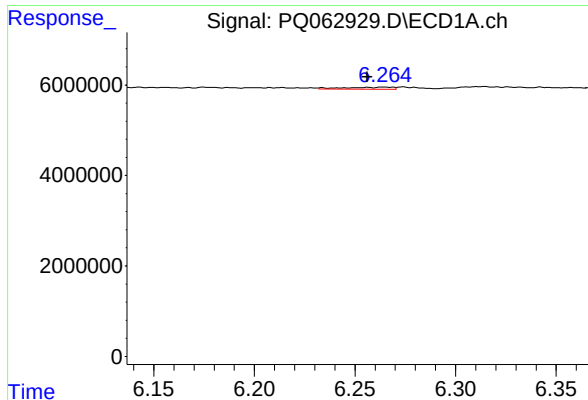
#28 AR-1254-3

R.T.: 5.958 min
Delta R.T.: -0.011 min
Response: 1827161
Conc: 5.10 ng/ml



#28 AR-1254-3

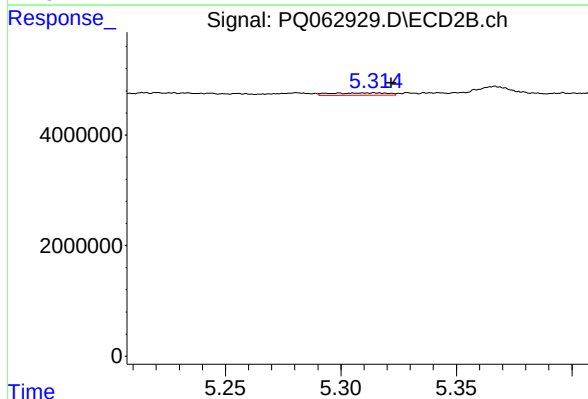
R.T.: 5.098 min
Delta R.T.: 0.004 min
Response: 1637519
Conc: 4.33 ng/ml



#29 AR-1254-4

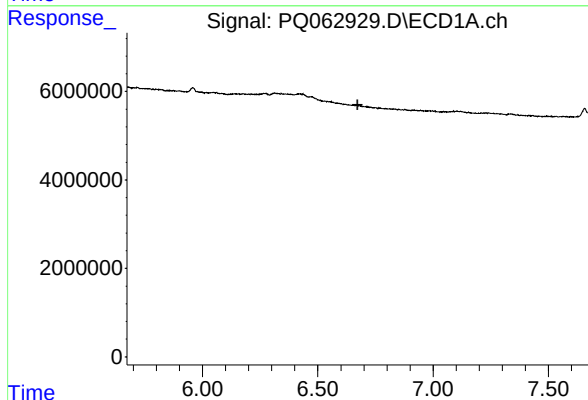
R.T.: 6.264 min
Delta R.T.: 0.008 min
Response: 790700
Conc: 2.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



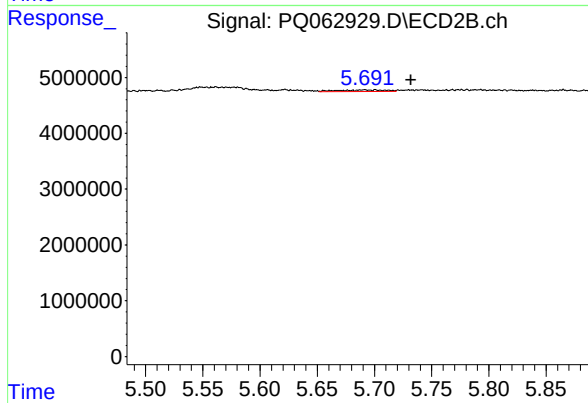
#29 AR-1254-4

R.T.: 5.315 min
Delta R.T.: -0.007 min
Response: 732109
Conc: 3.00 ng/ml



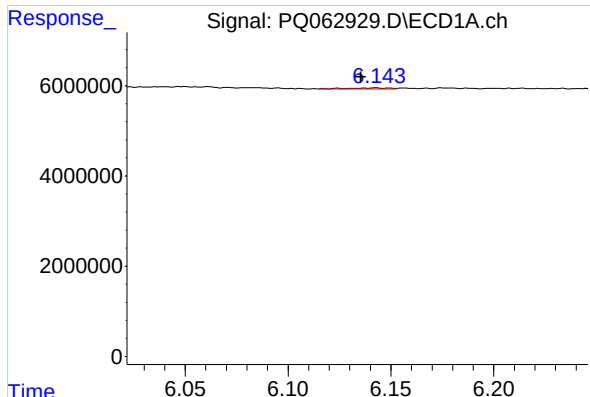
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 6.672 min
Response: 0
Conc: N.D.



#30 AR-1254-5

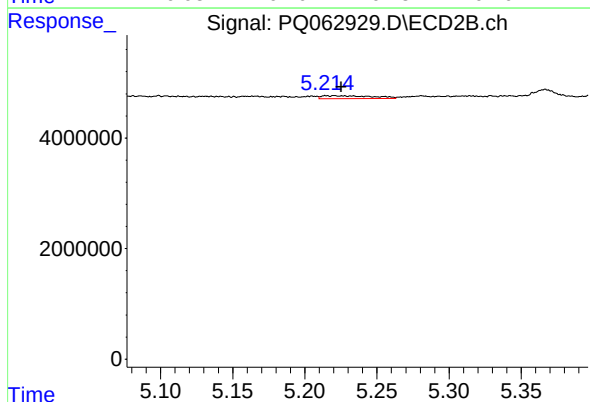
R.T.: 5.701 min
Delta R.T.: -0.031 min
Response: 880806
Conc: 2.55 ng/ml



#31 AR-1260-1

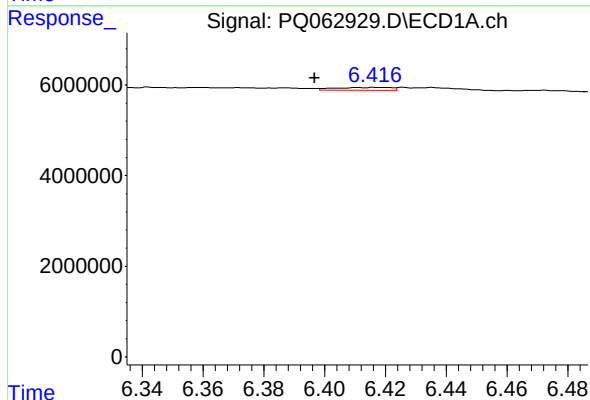
R.T.: 6.143 min
Delta R.T.: 0.007 min
Response: 338755
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



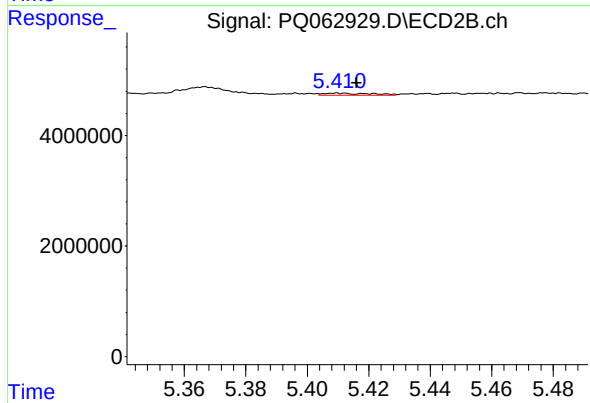
#31 AR-1260-1

R.T.: 5.220 min
Delta R.T.: -0.005 min
Response: 1271904
Conc: 5.10 ng/ml



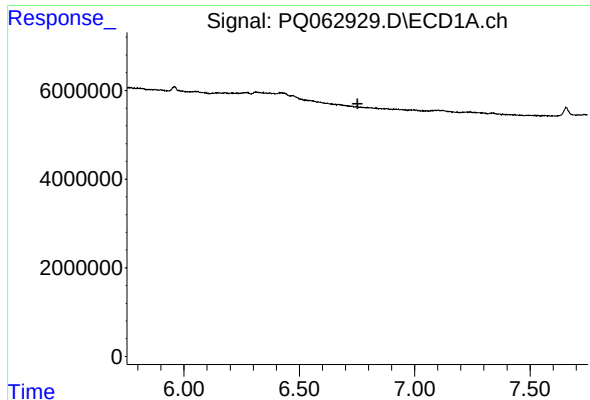
#32 AR-1260-2

R.T.: 6.417 min
Delta R.T.: 0.021 min
Response: 835565
Conc: 2.75 ng/ml



#32 AR-1260-2

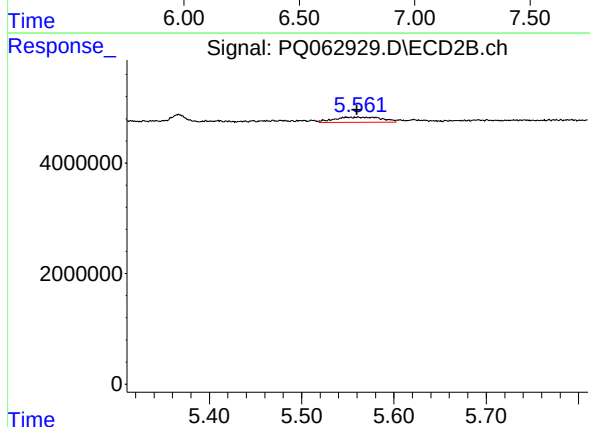
R.T.: 5.410 min
Delta R.T.: -0.006 min
Response: 417277
Conc: 1.35 ng/ml



#33 AR-1260-3

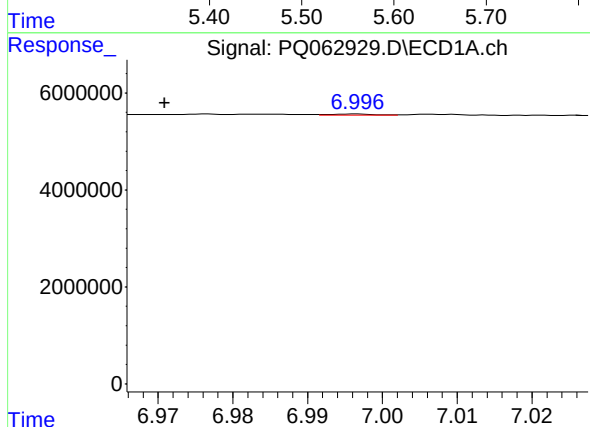
R.T.: 0.000 min
Exp R.T.: 6.752 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



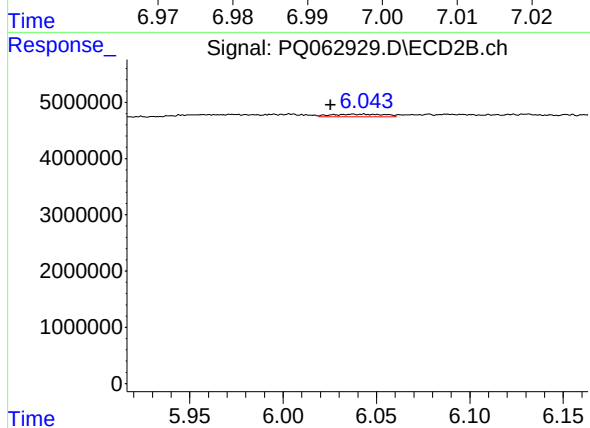
#33 AR-1260-3

R.T.: 5.561 min
Delta R.T.: 0.001 min
Response: 3277054
Conc: 10.58 ng/ml



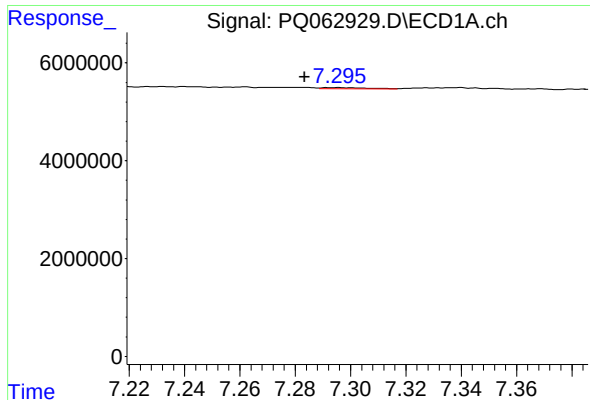
#34 AR-1260-4

R.T.: 6.996 min
Delta R.T.: 0.026 min
Response: 95442
Conc: 0.40 ng/ml



#34 AR-1260-4

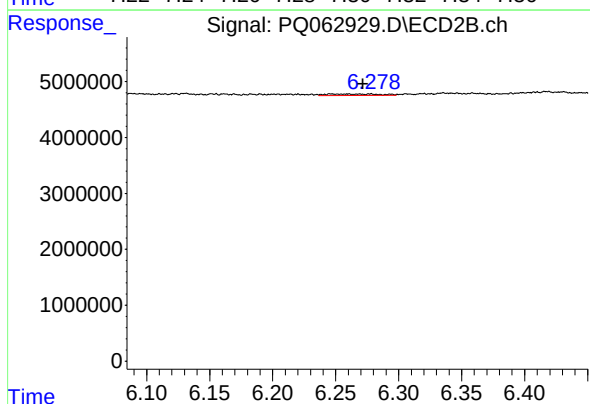
R.T.: 6.041 min
Delta R.T.: 0.015 min
Response: 894683
Conc: 3.65 ng/ml



#35 AR-1260-5

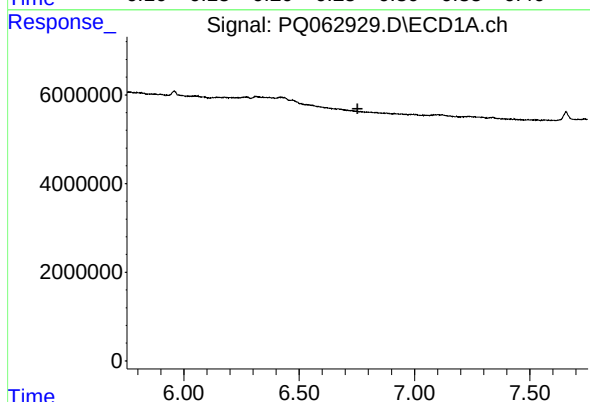
R.T.: 7.295 min
Delta R.T.: 0.012 min
Response: 237767
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



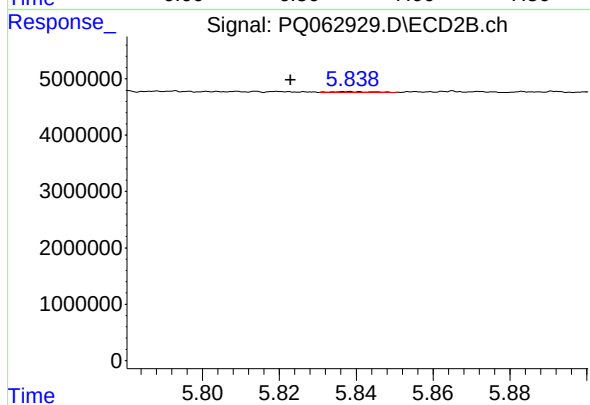
#35 AR-1260-5

R.T.: 6.278 min
Delta R.T.: 0.006 min
Response: 725653
Conc: 1.33 ng/ml



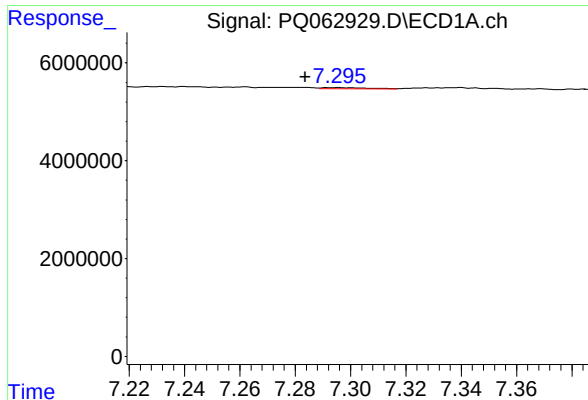
#36 AR-1262-1

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



#36 AR-1262-1

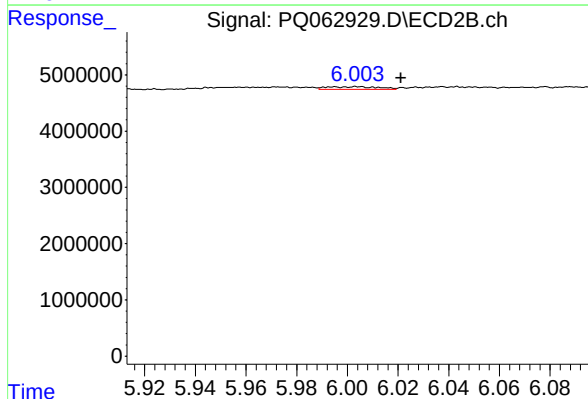
R.T.: 5.838 min
Delta R.T.: 0.016 min
Response: 100175
Conc: 0.70 ng/ml



#37 AR-1262-2

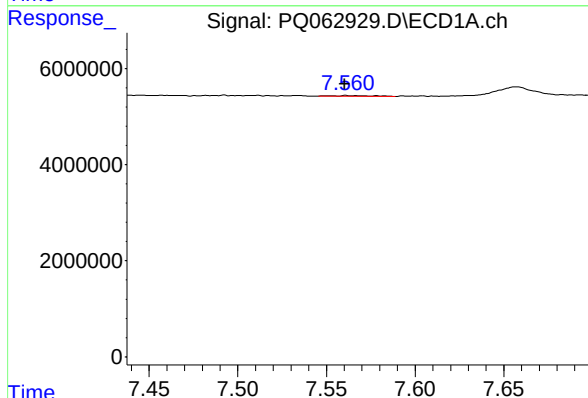
R.T.: 7.295 min
Delta R.T.: 0.011 min
Response: 237767
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



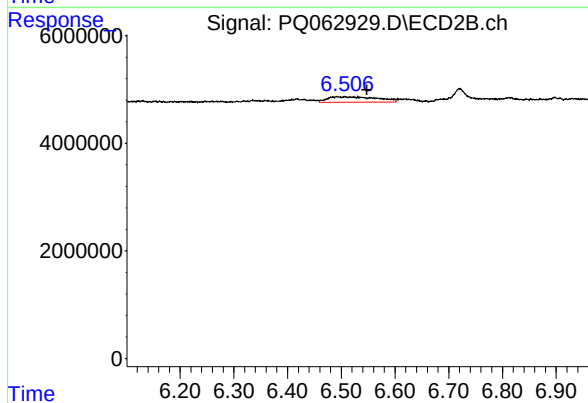
#37 AR-1262-2

R.T.: 6.003 min
Delta R.T.: -0.018 min
Response: 688830
Conc: 2.20 ng/ml



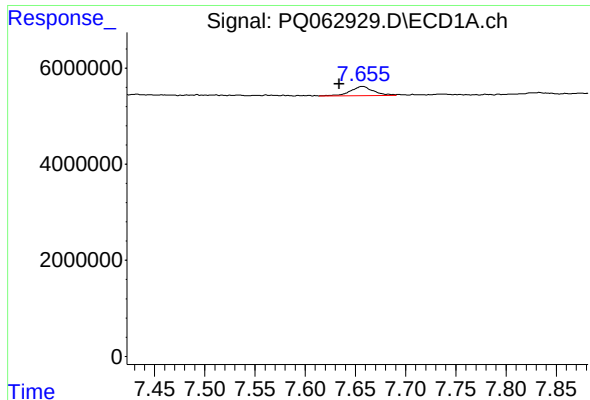
#38 AR-1262-3

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 228821
Conc: 0.63 ng/ml



#38 AR-1262-3

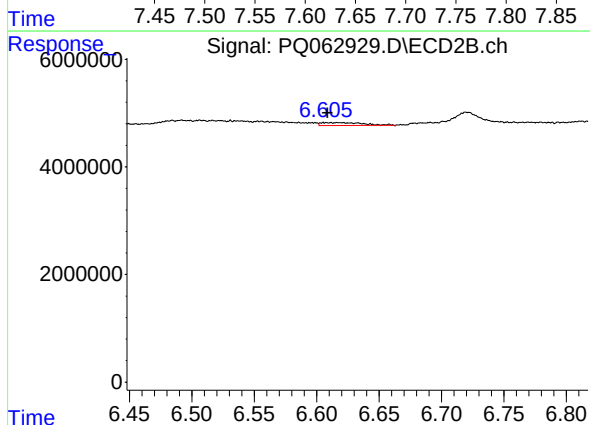
R.T.: 6.507 min
Delta R.T.: -0.041 min
Response: 6373261
Conc: 25.28 ng/ml



#39 AR-1262-4

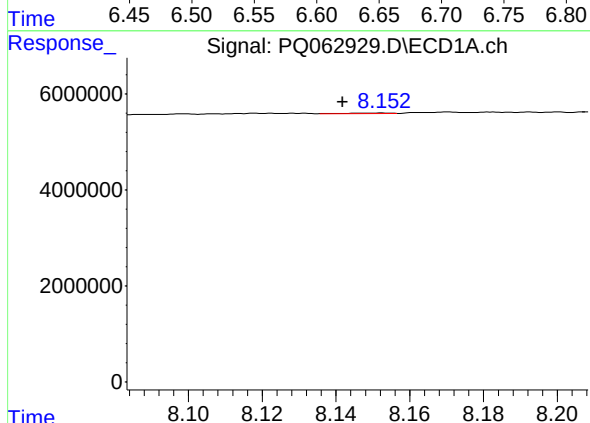
R.T.: 7.657 min
Delta R.T.: 0.023 min
Response: 3093988
Conc: 11.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



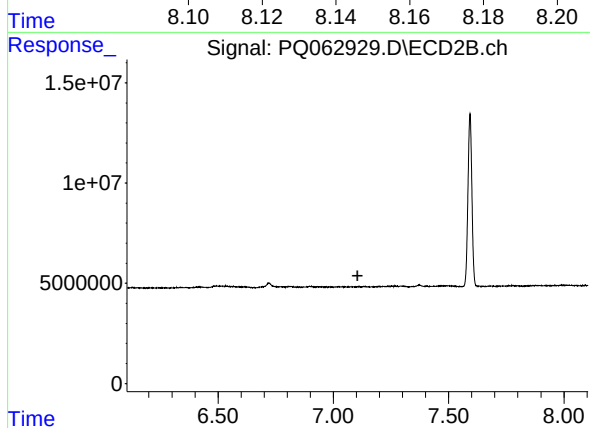
#39 AR-1262-4

R.T.: 6.617 min
Delta R.T.: 0.008 min
Response: 1212764
Conc: 2.59 ng/ml



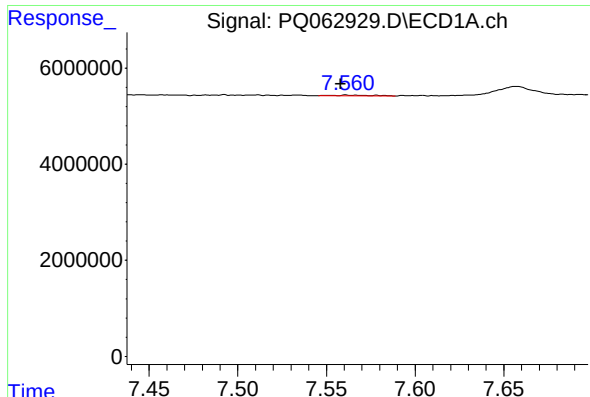
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: 0.011 min
Response: 94447
Conc: 0.50 ng/ml



#40 AR-1262-5

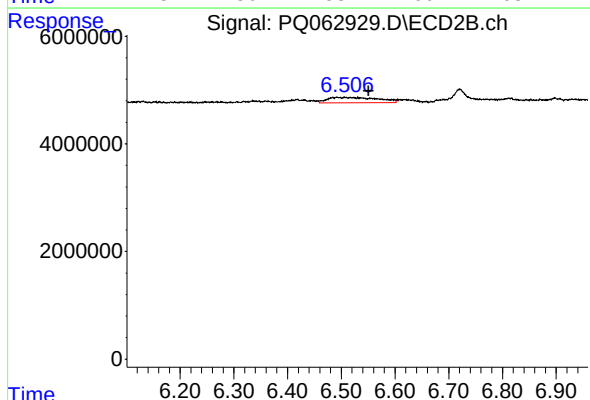
R.T.: 0.000 min
Exp R.T.: 7.105 min
Response: 0
Conc: N.D.



#41 AR-1268-1

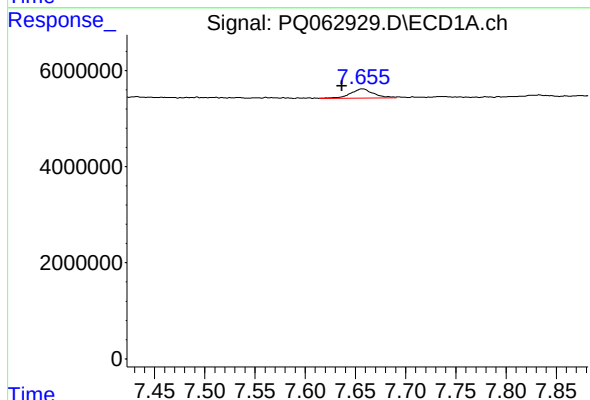
R.T.: 7.561 min
Delta R.T.: 0.003 min
Response: 228821
Conc: 0.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



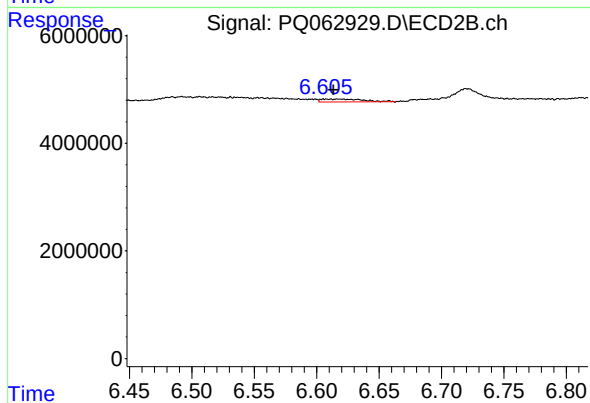
#41 AR-1268-1

R.T.: 6.507 min
Delta R.T.: -0.044 min
Response: 6373261
Conc: 8.54 ng/ml



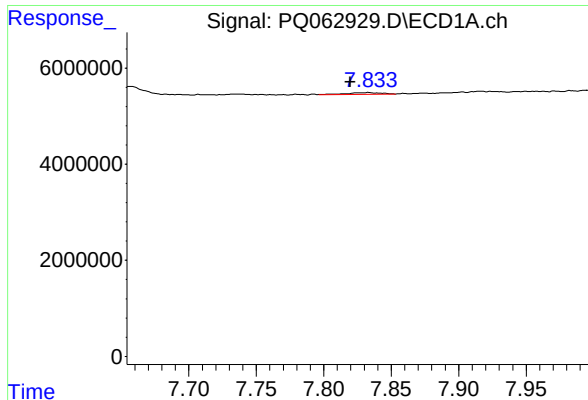
#42 AR-1268-2

R.T.: 7.657 min
Delta R.T.: 0.020 min
Response: 3093988
Conc: 5.16 ng/ml



#42 AR-1268-2

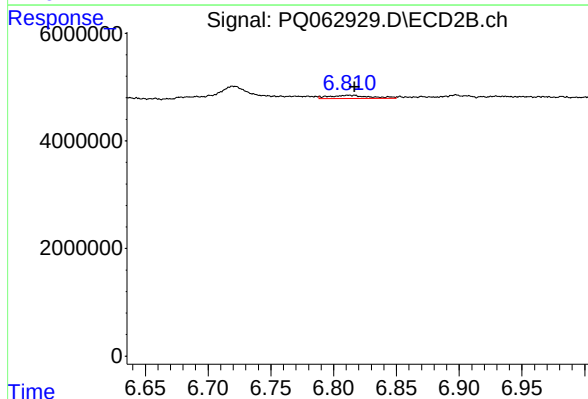
R.T.: 6.617 min
Delta R.T.: 0.004 min
Response: 1212764
Conc: 1.77 ng/ml



#43 AR-1268-3

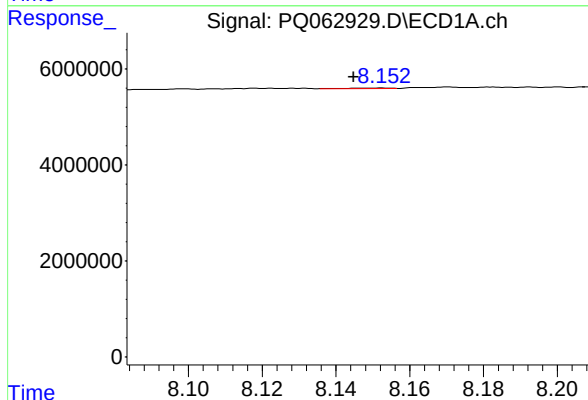
R.T.: 7.833 min
Delta R.T.: 0.014 min
Response: 654742
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



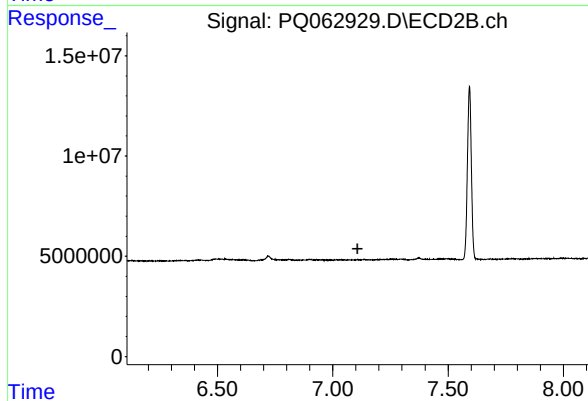
#43 AR-1268-3

R.T.: 6.813 min
Delta R.T.: -0.004 min
Response: 1414402
Conc: 2.41 ng/ml



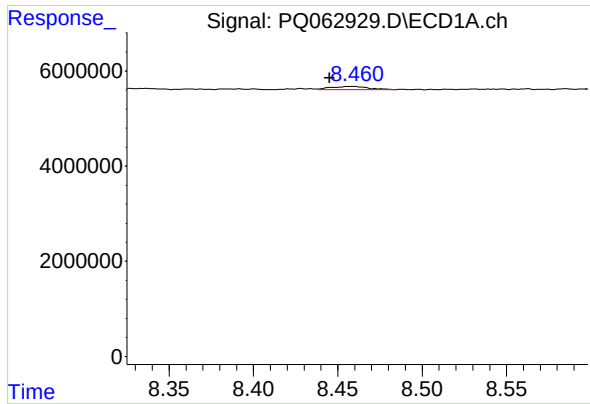
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.008 min
Response: 94447
Conc: 0.44 ng/ml



#44 AR-1268-4

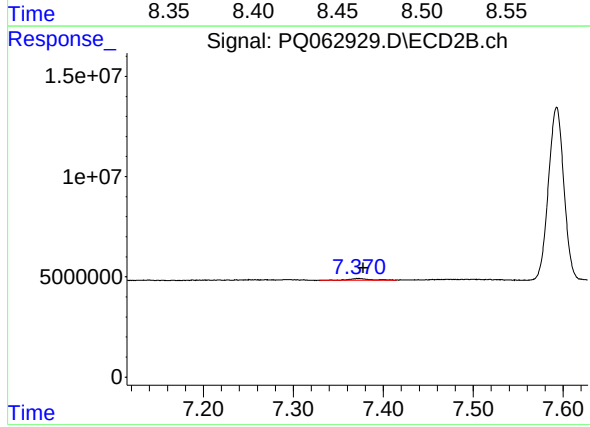
R.T.: 0.000 min
Exp R.T. : 7.107 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.459 min
Delta R.T.: 0.013 min
Response: 1018920
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.373 min
Delta R.T.: -0.005 min
Response: 1393233
Conc: 0.79 ng/ml