

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112023\
 Data File : PQ064236.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2023 03:56
 Operator : YP\AJ
 Sample : 05416-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 05:18:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112023CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 03:35:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.457	2.774	77365580	77273530	17.439	16.447
2)	SA Decachlor...	8.689	7.570	51435168	62814740	17.818	17.628
Target Compounds							
3)	L1 AR-1016-1	4.531f	3.804	2101706	1107859	15.767	8.210 #
4)	L1 AR-1016-2	4.531f	3.804	2101706	1107859	10.269	5.571 #
5)	L1 AR-1016-3	4.658	0.000	6807566	0	53.036	N.D. #
6)	L1 AR-1016-4	4.758	4.045	3443845	3699305	32.847	42.256 #
7)	L1 AR-1016-5	5.022	4.205	497140	2002103	4.828	18.930 #
8)	L2 AR-1221-1	3.645	2.967	12862529	2273798	244.164	40.248 #
9)	L2 AR-1221-2	3.737	3.068	2193026	286146	64.655	7.428 #
10)	L2 AR-1221-3	3.795	3.125	860723	2594254	7.434	20.110 #
11)	L3 AR-1232-1	3.795	3.125	860723	2594254	8.946	24.245 #
12)	L3 AR-1232-2	4.315	3.804	4178569	1107859	84.942	12.029 #
13)	L3 AR-1232-3	4.531f	0.000	2101706	0	22.871	N.D. #
14)	L3 AR-1232-4	4.758	4.045	3443845	3699305	73.292	92.223 #
15)	L3 AR-1232-5	4.819	4.205	2495221	2002103	73.454	43.622 #
16)	L4 AR-1242-1	4.531f	3.804	2101706	1107859	18.863	9.680 #
17)	L4 AR-1242-2	4.531f	3.804	2101706	1107859	12.140	6.513 #
18)	L4 AR-1242-3	4.658	0.000	6807566	0	62.010	N.D. #
19)	L4 AR-1242-4	4.758	4.045	3443845	3699305	38.292	44.733
20)	L4 AR-1242-5	5.457	4.533	666416	3364297	7.159	32.396 #
21)	L5 AR-1248-1	4.531f	3.804	2101706	1107859	23.671	12.232 #
22)	L5 AR-1248-2	4.819	4.045	2495221	3699305	19.081	27.783 #
23)	L5 AR-1248-3	5.022	4.045	497140	3699305	3.213	29.292 #
24)	L5 AR-1248-4	5.410	4.205	694873	2002103	4.150	13.232 #
25)	L5 AR-1248-5	5.457	4.574	666416	3629018	4.002	24.795 #
26)	L6 AR-1254-1	5.410	4.533	694873	3364297	4.039	15.383 #
27)	L6 AR-1254-2	5.621	4.687	1550514	2056201	5.779	10.846 #
28)	L6 AR-1254-3	5.979	5.061	1029650	4905499	3.732	16.575 #
29)	L6 AR-1254-4	6.288	5.319	725863	3514408	3.671	18.599 #
30)	L6 AR-1254-5	6.686	5.698	1650348	2676773	7.553	9.812 #
31)	L7 AR-1260-1	6.159	5.200	171831	3774612	0.859	18.930 #
32)	L7 AR-1260-2	6.392	5.400	1060931	1142325	4.548	4.776
33)	L7 AR-1260-3	6.764	5.562	705603	1317007	4.187	5.759 #
34)	L7 AR-1260-4	6.981	0.000	675366	0	3.475	N.D. #
35)	L7 AR-1260-5	7.322	6.247	1952106	615318	5.364	1.368 #
36)	L8 AR-1262-1	6.764	5.698f	705603	2676773	2.643	9.502 #
37)	L8 AR-1262-2	7.322	6.247	1952106	615318	4.504	1.186 #
38)	L8 AR-1262-3	7.566	0.000	129161	0	0.445	N.D. #
39)	L8 AR-1262-4	7.623	0.000	380025	0	1.705	N.D. #
40)	L8 AR-1262-5	8.147	7.033f	420198	279144	2.873	1.097 #
41)	L9 AR-1268-1	7.566	0.000	129161	0	0.257	N.D. #

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 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 03:35:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

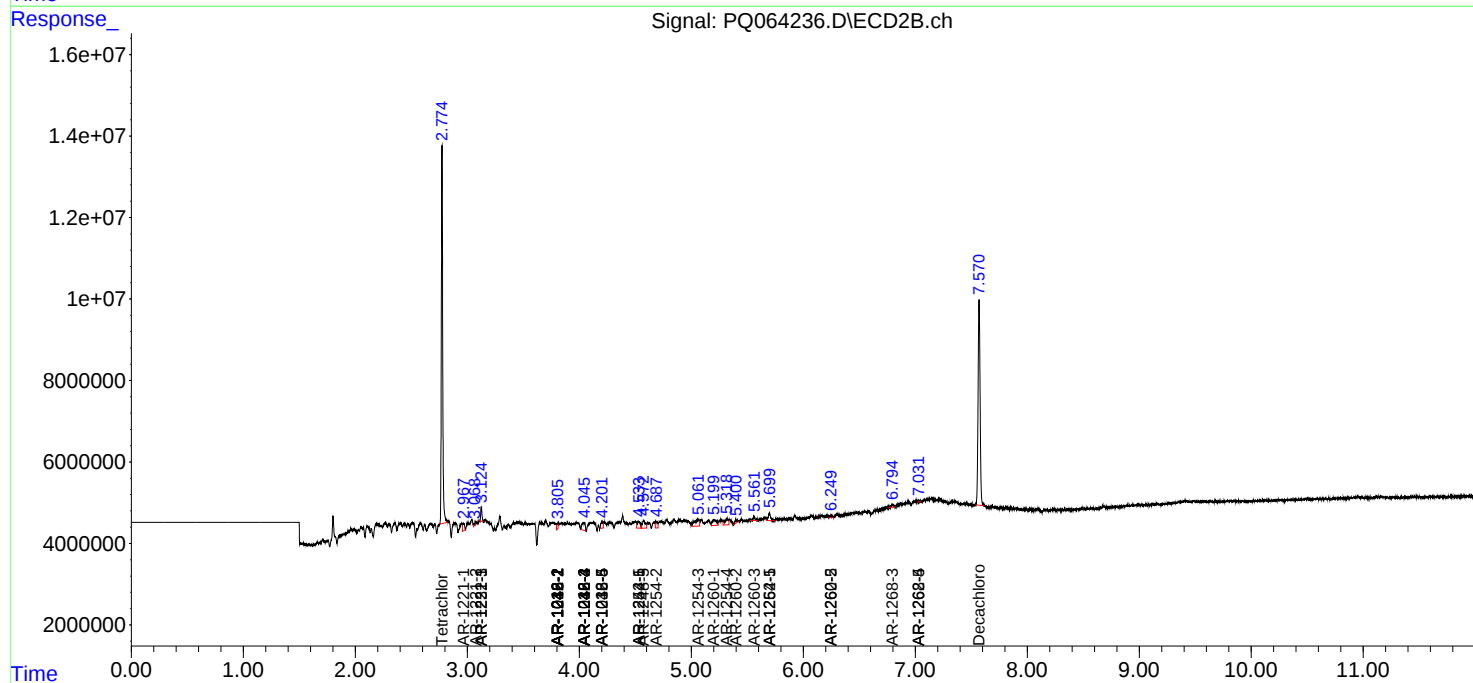
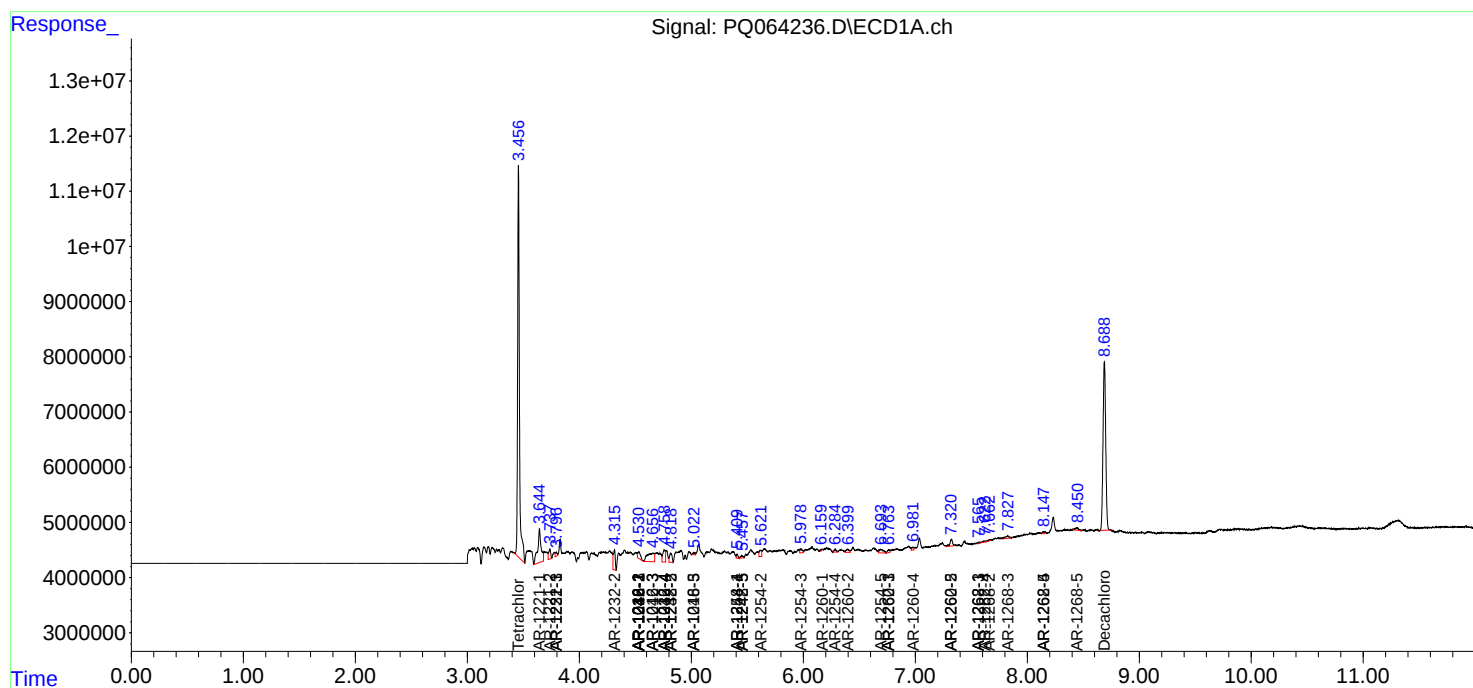
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.662	0.000	241321	0	0.534	N.D. #
43) L9	AR-1268-3	7.828	6.800	940254	951093	2.426	1.655 #
44) L9	AR-1268-4	8.147	7.033f	420198	279144	2.611	1.013 #
45) L9	AR-1268-5	8.443	0.000	911422	0	0.803	N.D. #

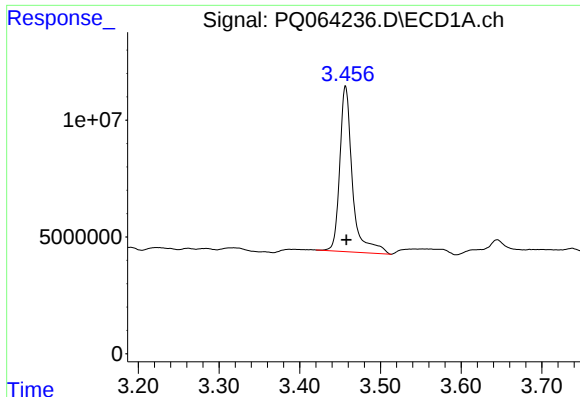
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Misc :
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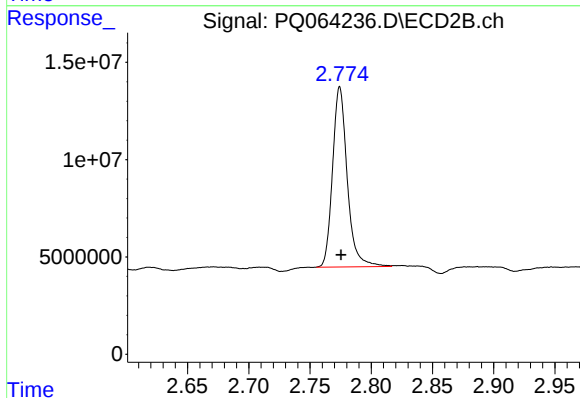
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





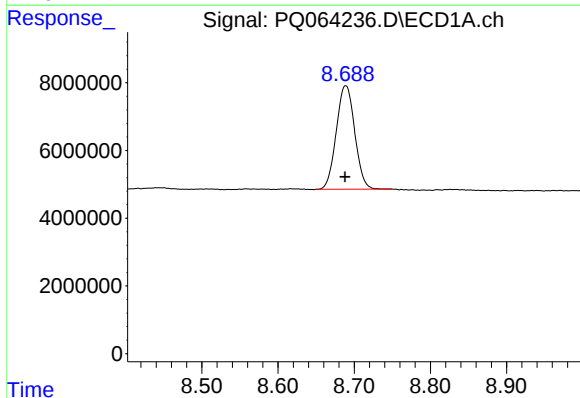
#1 Tetrachloro-m-xylene

R.T.: 3.457 min
Delta R.T.: -0.001 min
Response: 77365580
Conc: 17.44 ng/ml



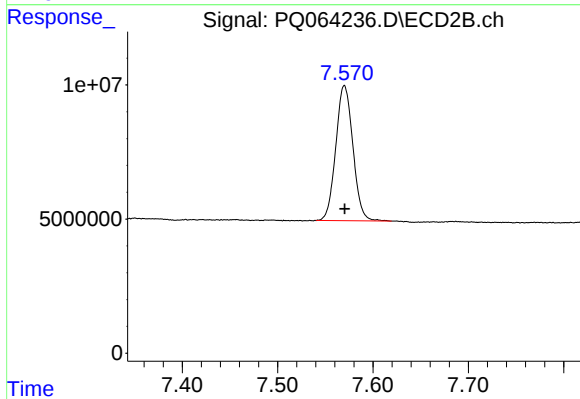
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 77273530
Conc: 16.45 ng/ml



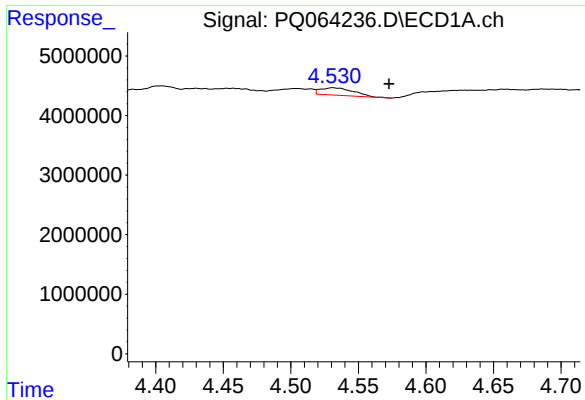
#2 Decachlorobiphenyl

R.T.: 8.689 min
Delta R.T.: 0.000 min
Response: 51435168
Conc: 17.82 ng/ml



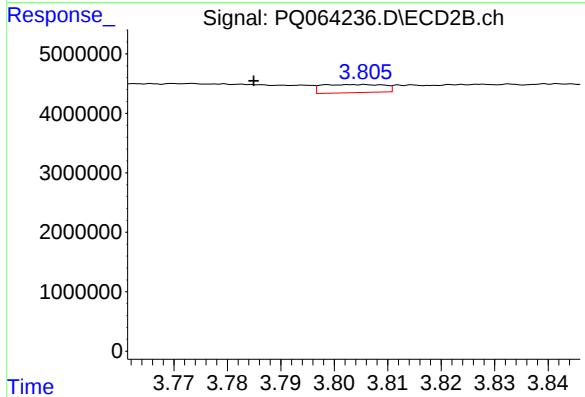
#2 Decachlorobiphenyl

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 62814740
Conc: 17.63 ng/ml



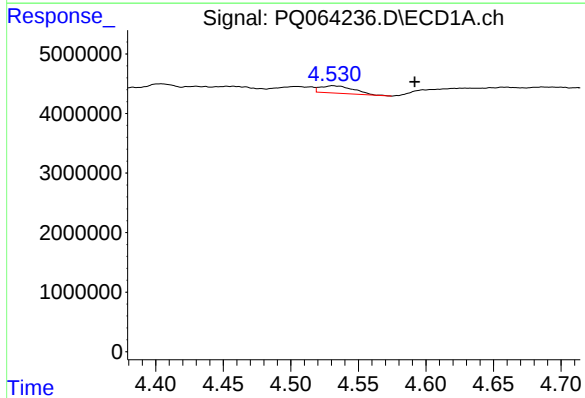
#3 AR-1016-1

R.T.: 4.531 min
Delta R.T.: -0.042 min
Response: 2101706
Conc: 15.77 ng/ml



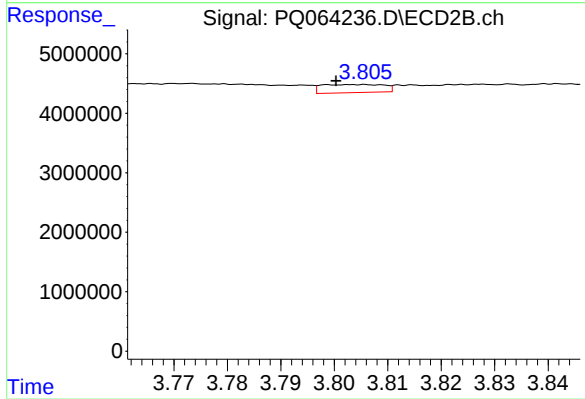
#3 AR-1016-1

R.T.: 3.804 min
Delta R.T.: 0.019 min
Response: 1107859
Conc: 8.21 ng/ml



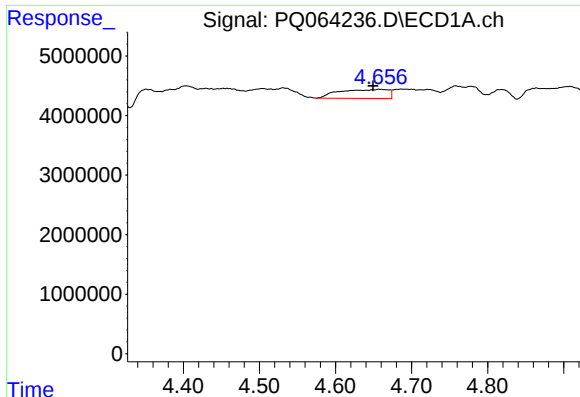
#4 AR-1016-2

R.T.: 4.531 min
Delta R.T.: -0.061 min
Response: 2101706
Conc: 10.27 ng/ml



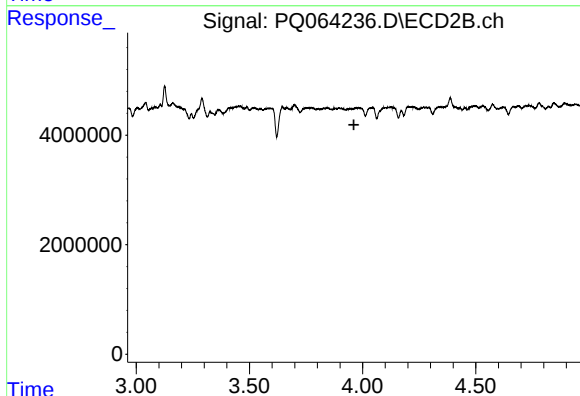
#4 AR-1016-2

R.T.: 3.804 min
Delta R.T.: 0.004 min
Response: 1107859
Conc: 5.57 ng/ml



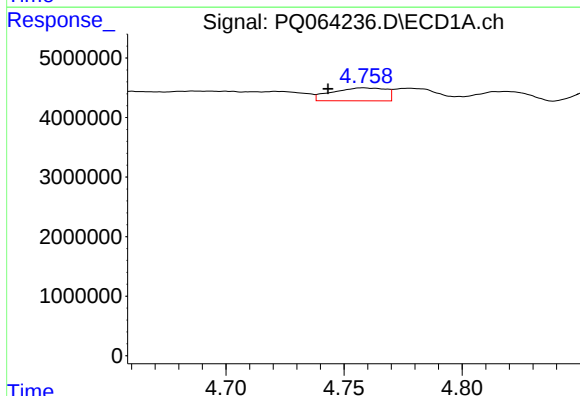
#5 AR-1016-3

R.T.: 4.658 min
Delta R.T.: 0.008 min
Response: 6807566
Conc: 53.04 ng/ml



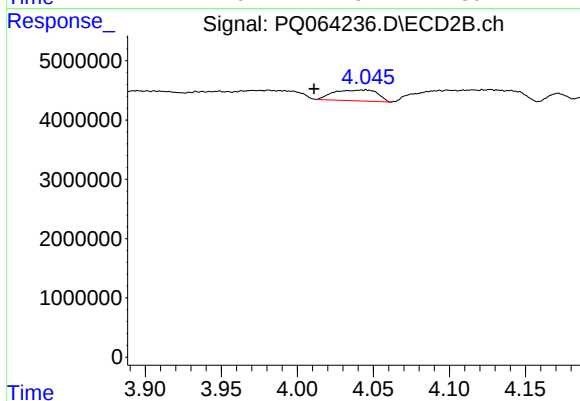
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 3.961 min
Response: 0
Conc: N.D.



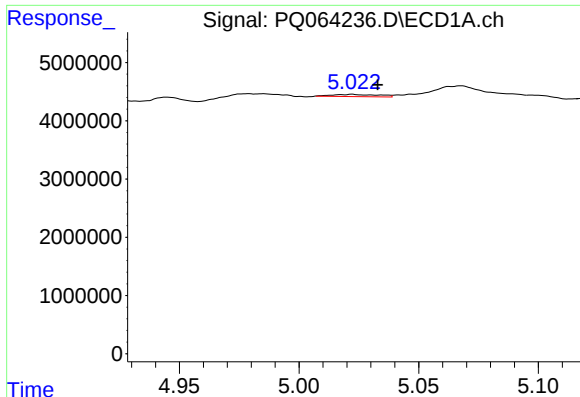
#6 AR-1016-4

R.T.: 4.758 min
Delta R.T.: 0.015 min
Response: 3443845
Conc: 32.85 ng/ml



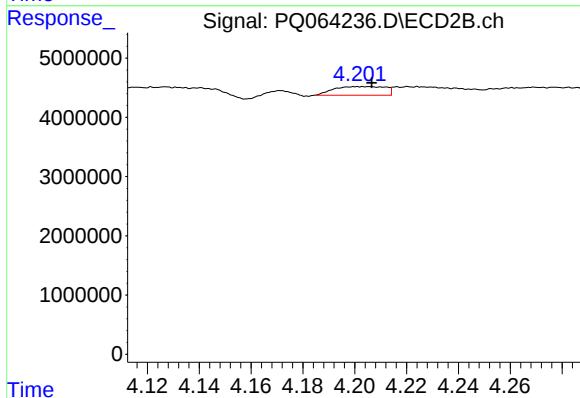
#6 AR-1016-4

R.T.: 4.045 min
Delta R.T.: 0.034 min
Response: 3699305
Conc: 42.26 ng/ml



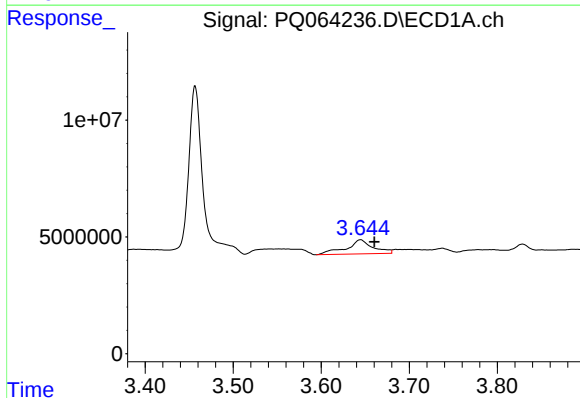
#7 AR-1016-5

R.T.: 5.022 min
Delta R.T.: -0.011 min
Response: 497140
Conc: 4.83 ng/ml



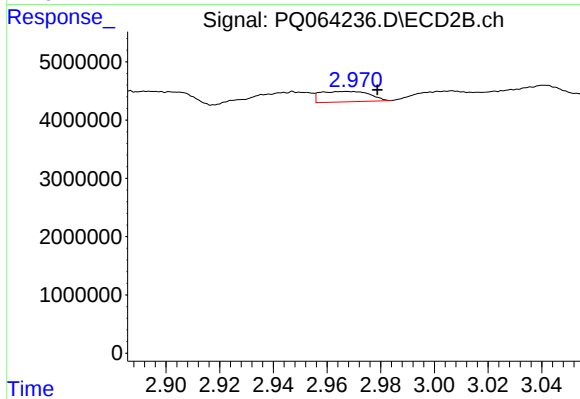
#7 AR-1016-5

R.T.: 4.205 min
Delta R.T.: -0.001 min
Response: 2002103
Conc: 18.93 ng/ml



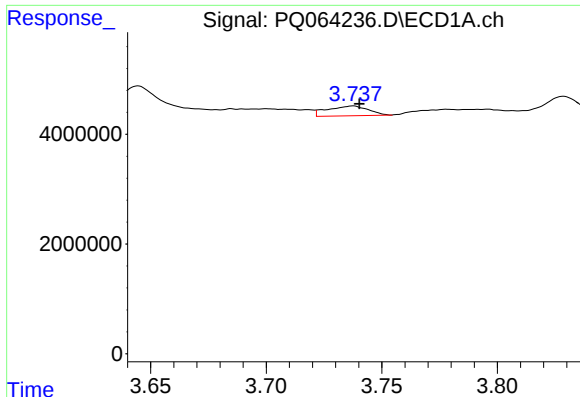
#8 AR-1221-1

R.T.: 3.645 min
Delta R.T.: -0.016 min
Response: 12862529
Conc: 244.16 ng/ml



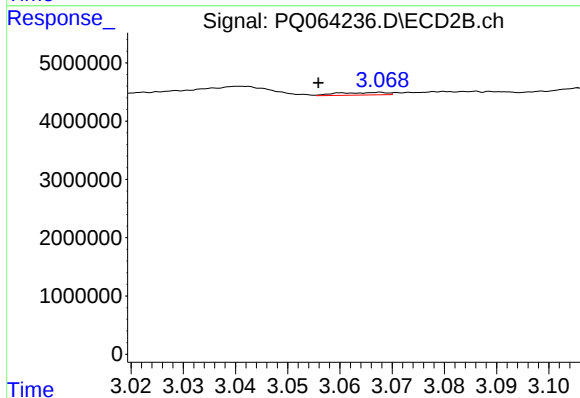
#8 AR-1221-1

R.T.: 2.967 min
Delta R.T.: -0.011 min
Response: 2273798
Conc: 40.25 ng/ml



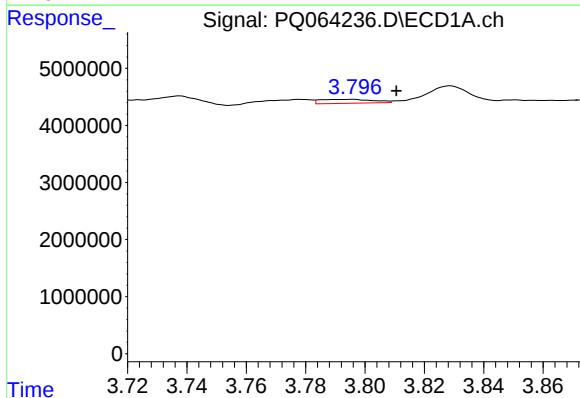
#9 AR-1221-2

R.T.: 3.737 min
Delta R.T.: -0.003 min
Response: 2193026
Conc: 64.66 ng/ml



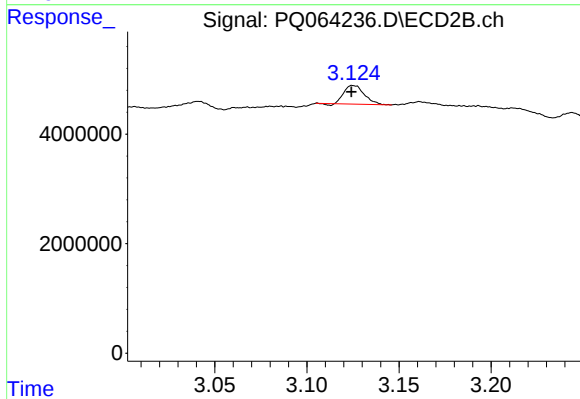
#9 AR-1221-2

R.T.: 3.068 min
Delta R.T.: 0.012 min
Response: 286146
Conc: 7.43 ng/ml



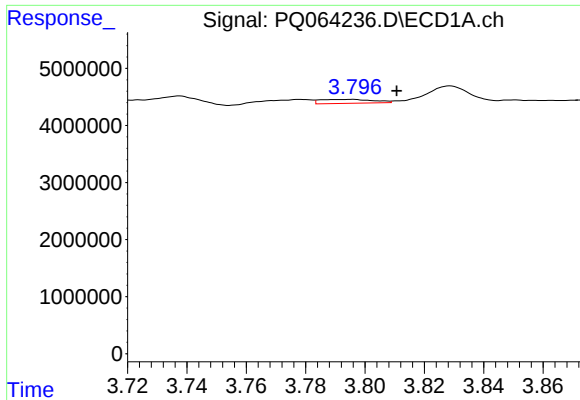
#10 AR-1221-3

R.T.: 3.795 min
Delta R.T.: -0.015 min
Response: 860723
Conc: 7.43 ng/ml



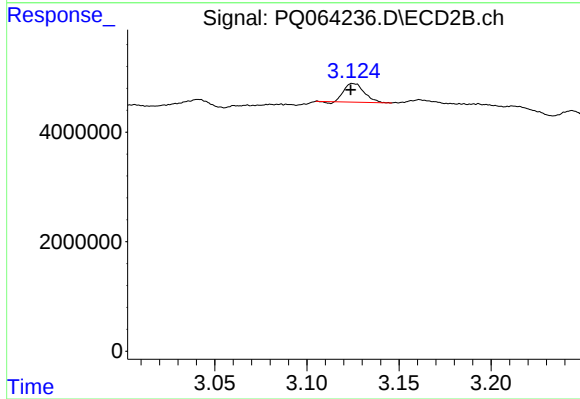
#10 AR-1221-3

R.T.: 3.125 min
Delta R.T.: 0.000 min
Response: 2594254
Conc: 20.11 ng/ml



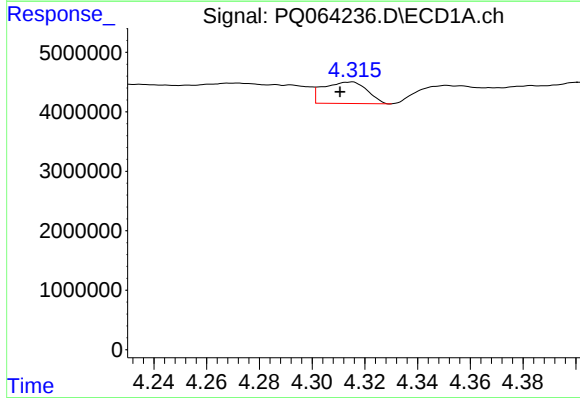
#11 AR-1232-1

R.T.: 3.795 min
Delta R.T.: -0.015 min
Response: 860723
Conc: 8.95 ng/ml



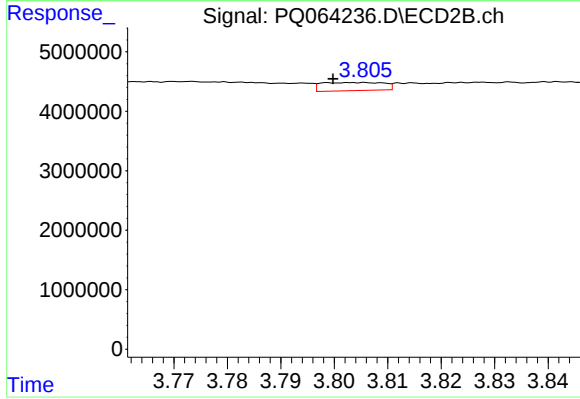
#11 AR-1232-1

R.T.: 3.125 min
Delta R.T.: 0.001 min
Response: 2594254
Conc: 24.24 ng/ml



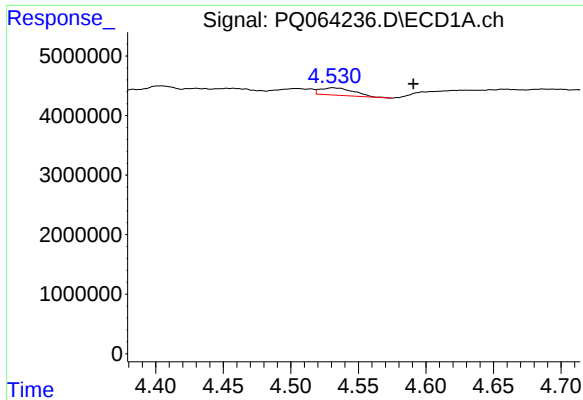
#12 AR-1232-2

R.T.: 4.315 min
Delta R.T.: 0.004 min
Response: 4178569
Conc: 84.94 ng/ml



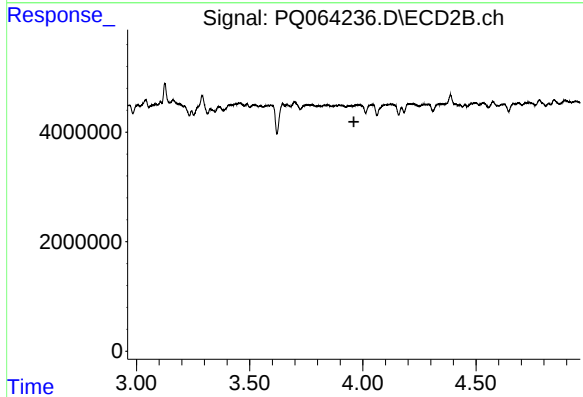
#12 AR-1232-2

R.T.: 3.804 min
Delta R.T.: 0.005 min
Response: 1107859
Conc: 12.03 ng/ml



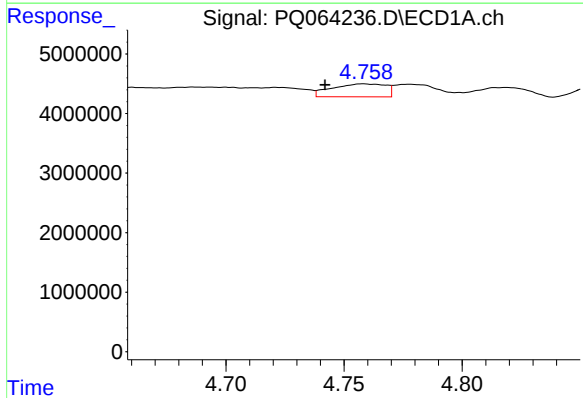
#13 AR-1232-3

R.T.: 4.531 min
Delta R.T.: -0.060 min
Response: 2101706
Conc: 22.87 ng/ml



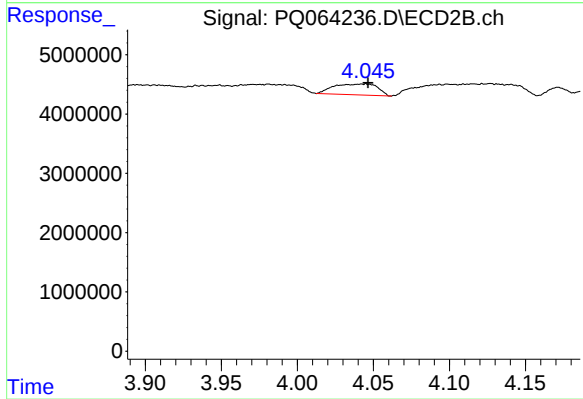
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 3.961 min
Response: 0
Conc: N.D.



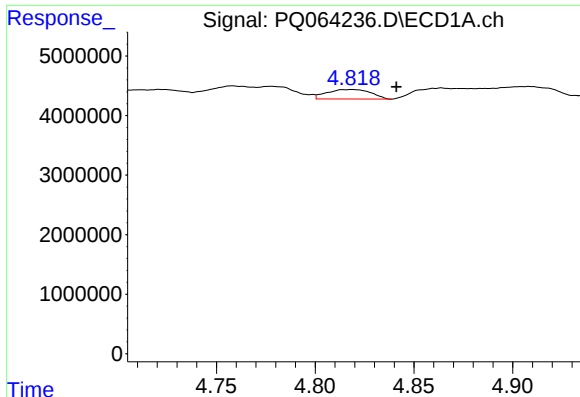
#14 AR-1232-4

R.T.: 4.758 min
Delta R.T.: 0.016 min
Response: 3443845
Conc: 73.29 ng/ml



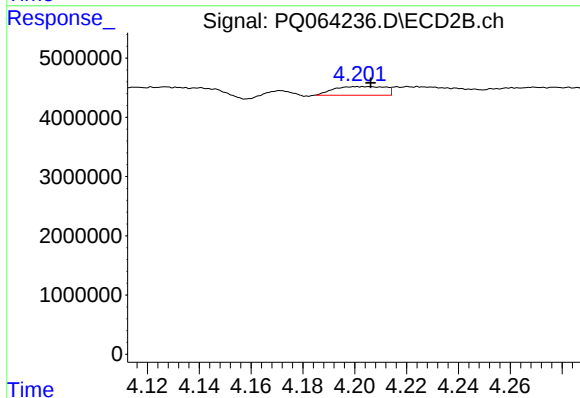
#14 AR-1232-4

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 3699305
Conc: 92.22 ng/ml



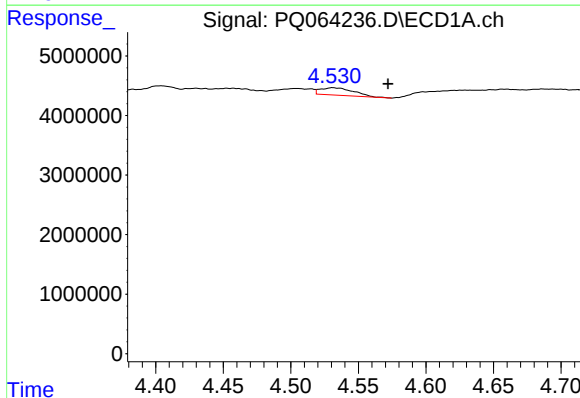
#15 AR-1232-5

R.T.: 4.819 min
Delta R.T.: -0.022 min
Response: 2495221
Conc: 73.45 ng/ml



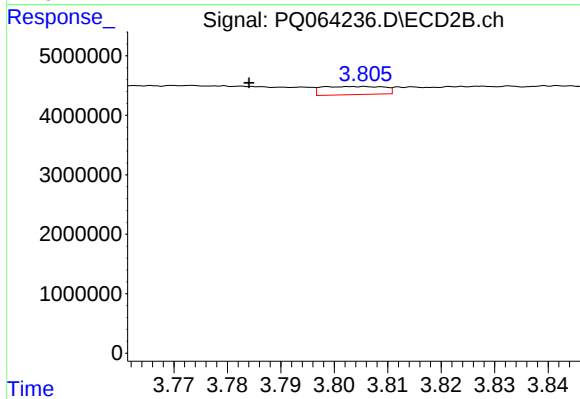
#15 AR-1232-5

R.T.: 4.205 min
Delta R.T.: -0.001 min
Response: 2002103
Conc: 43.62 ng/ml



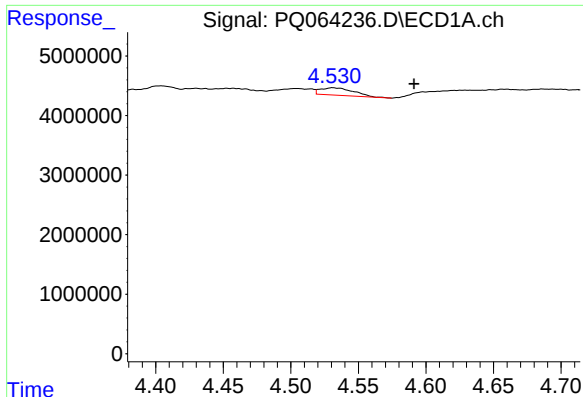
#16 AR-1242-1

R.T.: 4.531 min
Delta R.T.: -0.041 min
Response: 2101706
Conc: 18.86 ng/ml



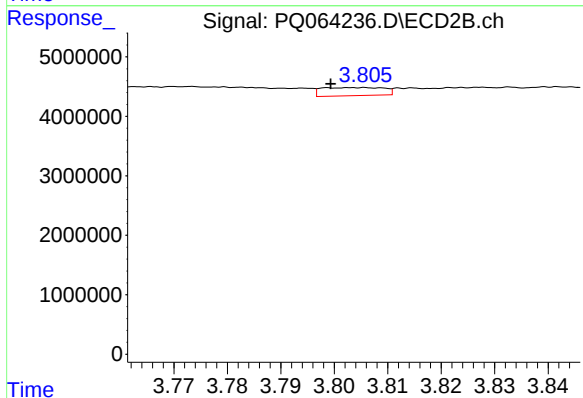
#16 AR-1242-1

R.T.: 3.804 min
Delta R.T.: 0.020 min
Response: 1107859
Conc: 9.68 ng/ml



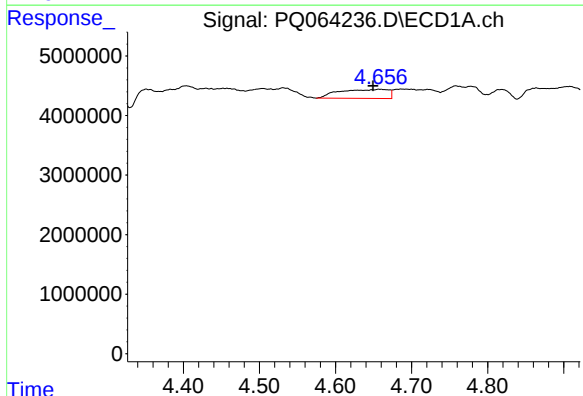
#17 AR-1242-2

R.T.: 4.531 min
Delta R.T.: -0.060 min
Response: 2101706
Conc: 12.14 ng/ml



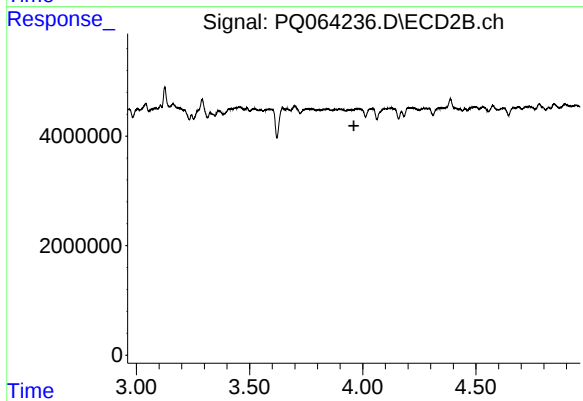
#17 AR-1242-2

R.T.: 3.804 min
Delta R.T.: 0.005 min
Response: 1107859
Conc: 6.51 ng/ml



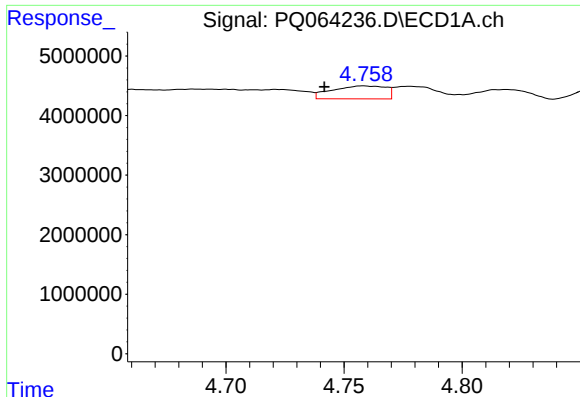
#18 AR-1242-3

R.T.: 4.658 min
Delta R.T.: 0.008 min
Response: 6807566
Conc: 62.01 ng/ml



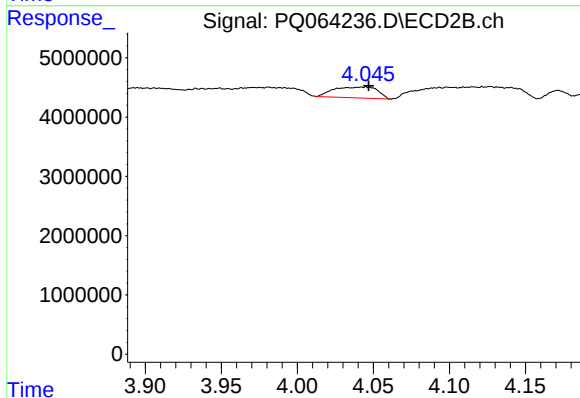
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 3.961 min
Response: 0
Conc: N.D.



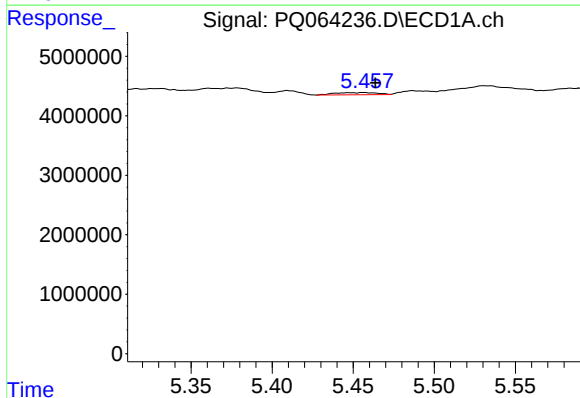
#19 AR-1242-4

R.T.: 4.758 min
Delta R.T.: 0.016 min
Response: 3443845
Conc: 38.29 ng/ml



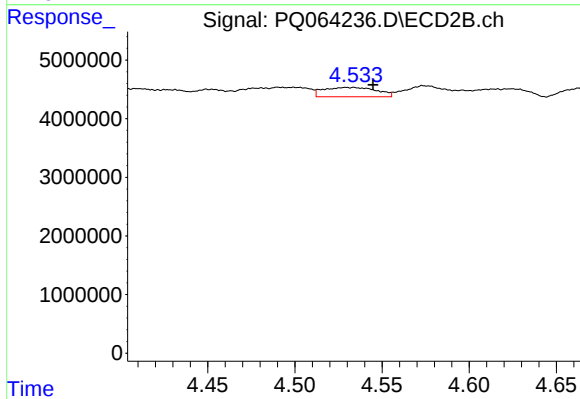
#19 AR-1242-4

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 3699305
Conc: 44.73 ng/ml



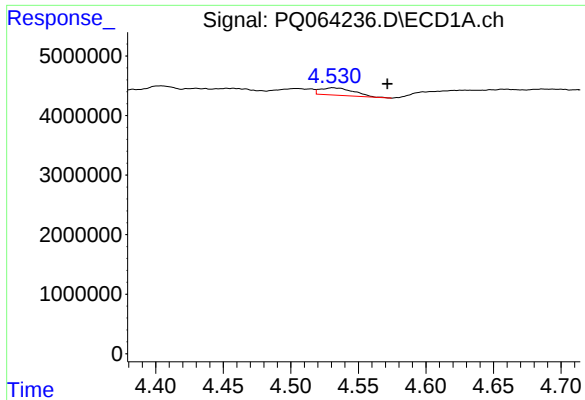
#20 AR-1242-5

R.T.: 5.457 min
Delta R.T.: -0.007 min
Response: 666416
Conc: 7.16 ng/ml



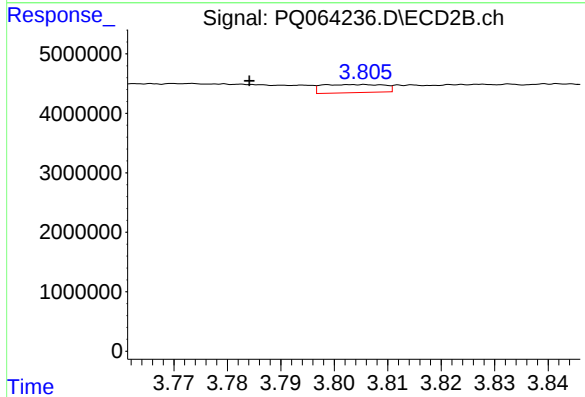
#20 AR-1242-5

R.T.: 4.533 min
Delta R.T.: -0.011 min
Response: 3364297
Conc: 32.40 ng/ml



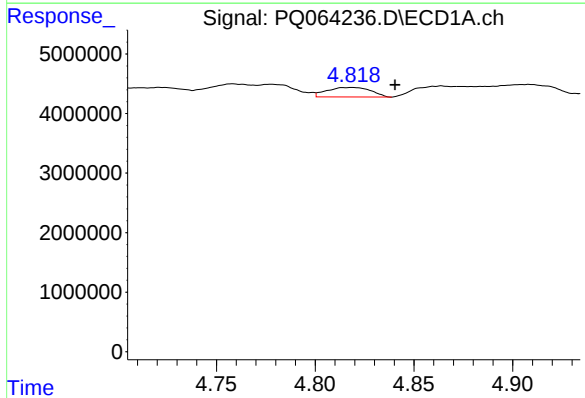
#21 AR-1248-1

R.T.: 4.531 min
Delta R.T.: -0.041 min
Response: 2101706
Conc: 23.67 ng/ml



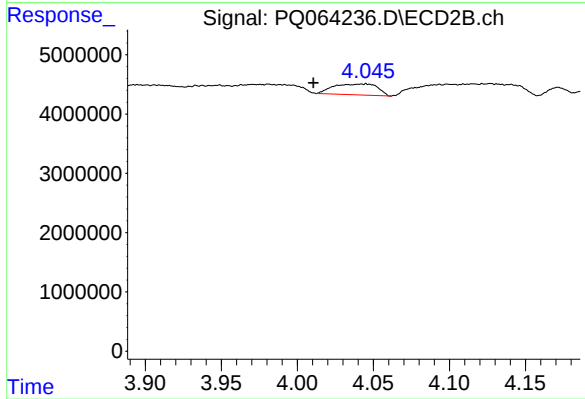
#21 AR-1248-1

R.T.: 3.804 min
Delta R.T.: 0.020 min
Response: 1107859
Conc: 12.23 ng/ml



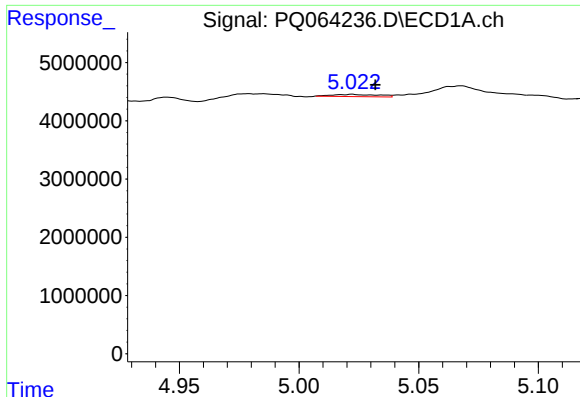
#22 AR-1248-2

R.T.: 4.819 min
Delta R.T.: -0.022 min
Response: 2495221
Conc: 19.08 ng/ml



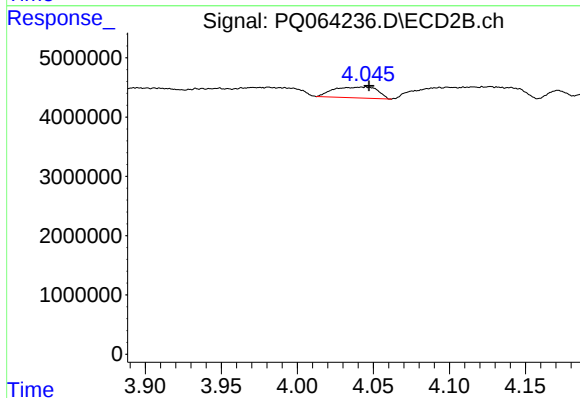
#22 AR-1248-2

R.T.: 4.045 min
Delta R.T.: 0.034 min
Response: 3699305
Conc: 27.78 ng/ml



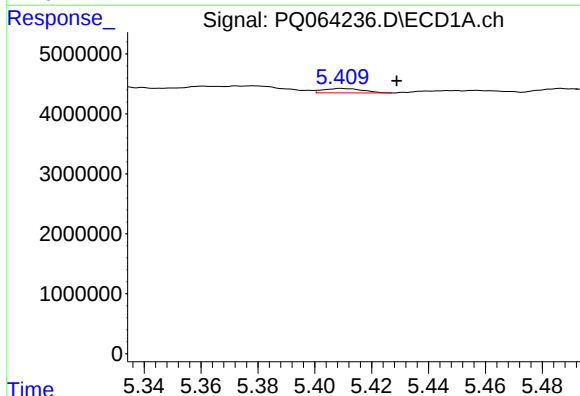
#23 AR-1248-3

R.T.: 5.022 min
Delta R.T.: -0.010 min
Response: 497140
Conc: 3.21 ng/ml



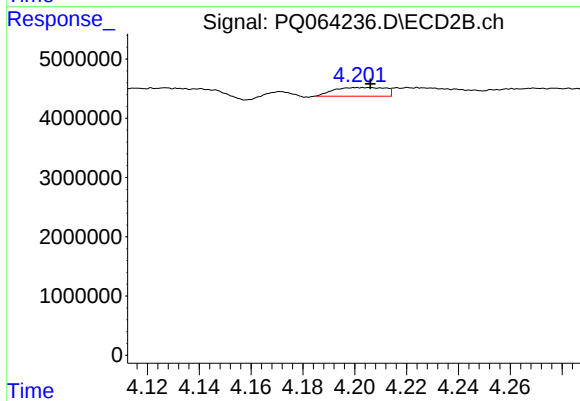
#23 AR-1248-3

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 3699305
Conc: 29.29 ng/ml



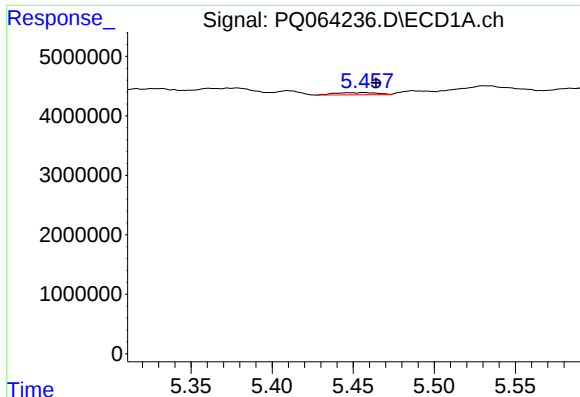
#24 AR-1248-4

R.T.: 5.410 min
Delta R.T.: -0.019 min
Response: 694873
Conc: 4.15 ng/ml



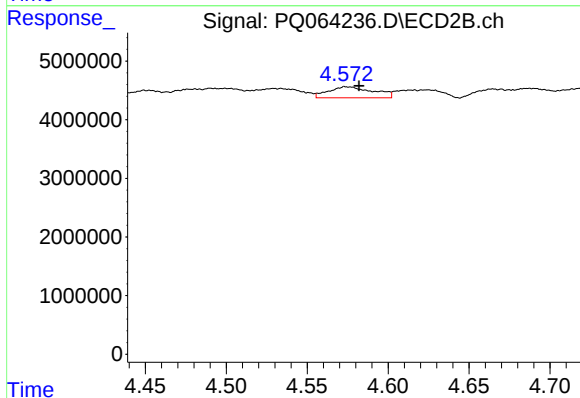
#24 AR-1248-4

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 2002103
Conc: 13.23 ng/ml



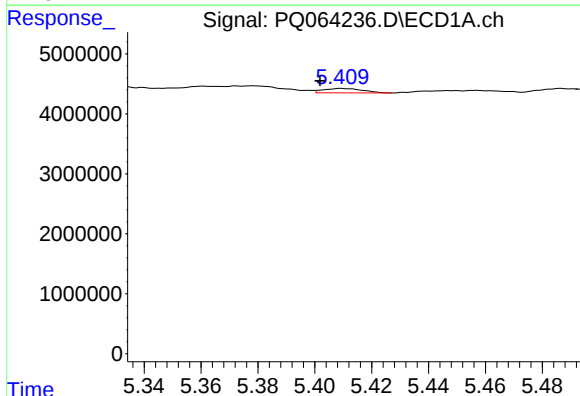
#25 AR-1248-5

R.T.: 5.457 min
Delta R.T.: -0.007 min
Response: 666416
Conc: 4.00 ng/ml



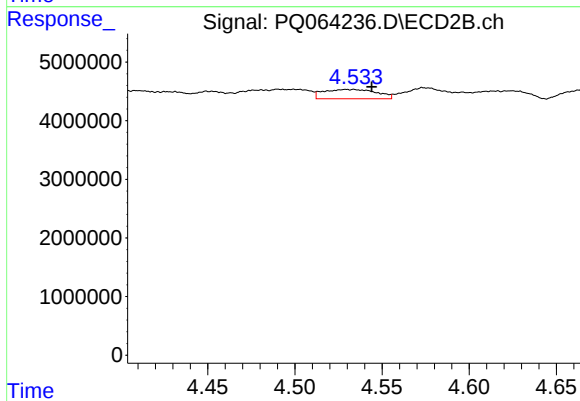
#25 AR-1248-5

R.T.: 4.574 min
Delta R.T.: -0.008 min
Response: 3629018
Conc: 24.80 ng/ml



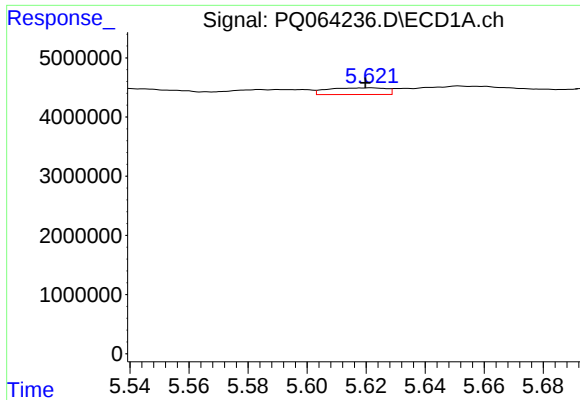
#26 AR-1254-1

R.T.: 5.410 min
Delta R.T.: 0.008 min
Response: 694873
Conc: 4.04 ng/ml



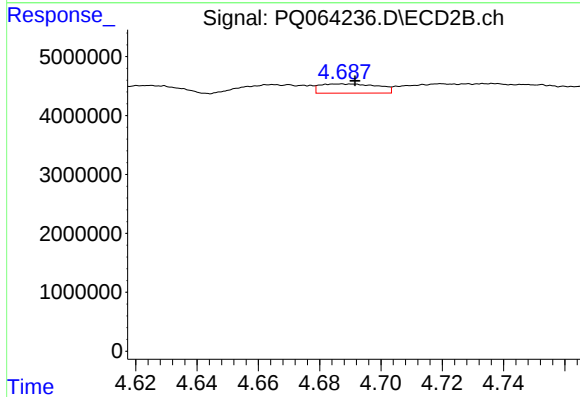
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: -0.011 min
Response: 3364297
Conc: 15.38 ng/ml



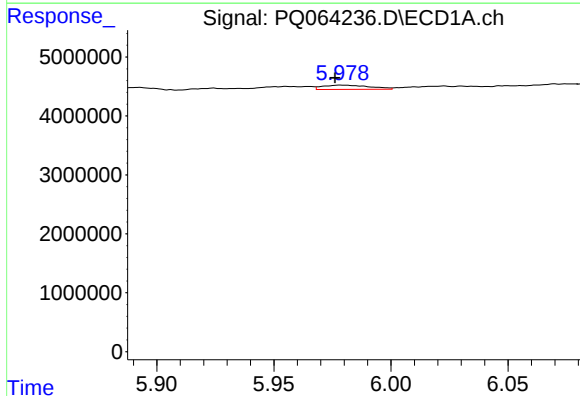
#27 AR-1254-2

R.T.: 5.621 min
Delta R.T.: 0.001 min
Response: 1550514
Conc: 5.78 ng/ml



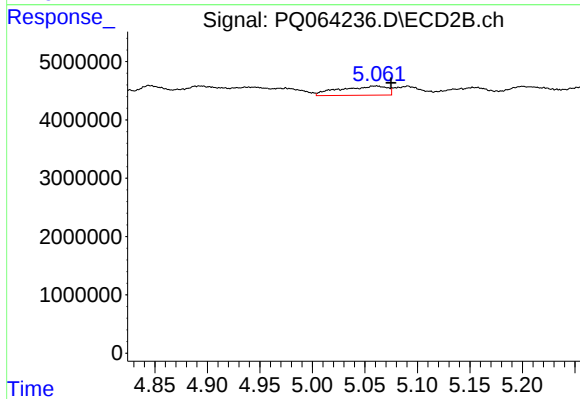
#27 AR-1254-2

R.T.: 4.687 min
Delta R.T.: -0.005 min
Response: 2056201
Conc: 10.85 ng/ml



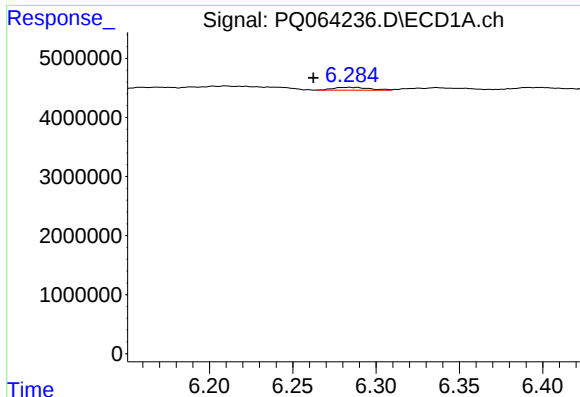
#28 AR-1254-3

R.T.: 5.979 min
Delta R.T.: 0.003 min
Response: 1029650
Conc: 3.73 ng/ml



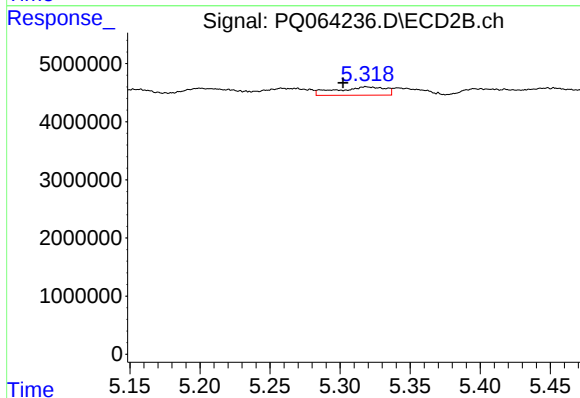
#28 AR-1254-3

R.T.: 5.061 min
Delta R.T.: -0.013 min
Response: 4905499
Conc: 16.57 ng/ml



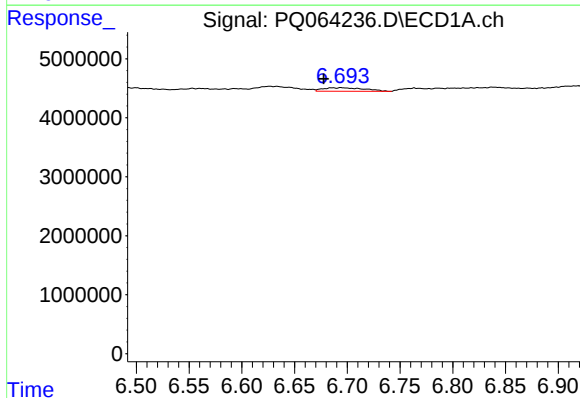
#29 AR-1254-4

R.T.: 6.288 min
Delta R.T.: 0.026 min
Response: 725863
Conc: 3.67 ng/ml



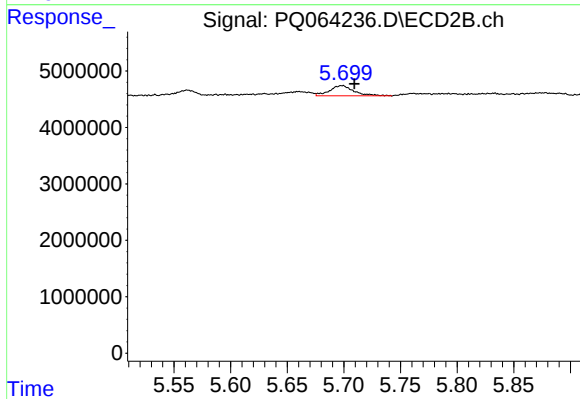
#29 AR-1254-4

R.T.: 5.319 min
Delta R.T.: 0.016 min
Response: 3514408
Conc: 18.60 ng/ml



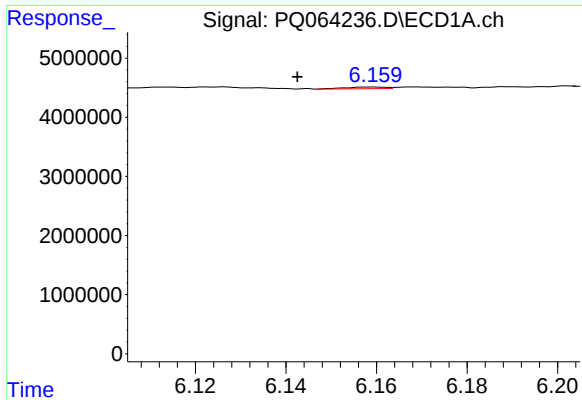
#30 AR-1254-5

R.T.: 6.686 min
Delta R.T.: 0.008 min
Response: 1650348
Conc: 7.55 ng/ml



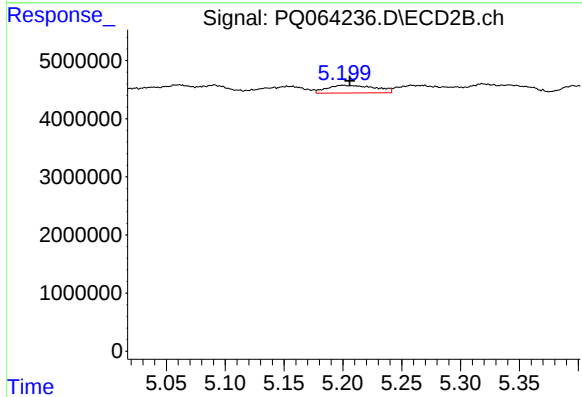
#30 AR-1254-5

R.T.: 5.698 min
Delta R.T.: -0.011 min
Response: 2676773
Conc: 9.81 ng/ml



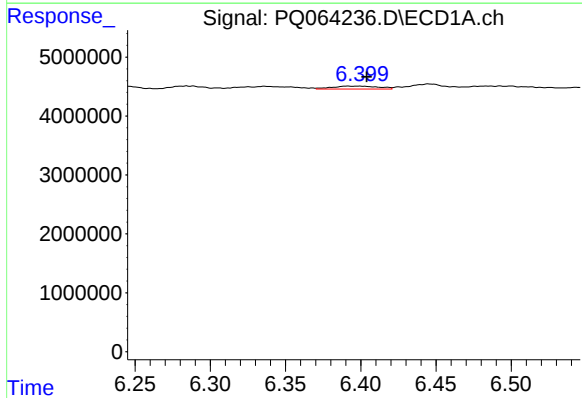
#31 AR-1260-1

R.T.: 6.159 min
Delta R.T.: 0.017 min
Response: 171831
Conc: 0.86 ng/ml



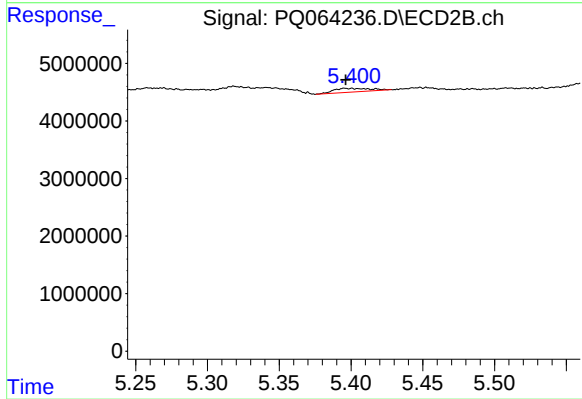
#31 AR-1260-1

R.T.: 5.200 min
Delta R.T.: -0.006 min
Response: 3774612
Conc: 18.93 ng/ml



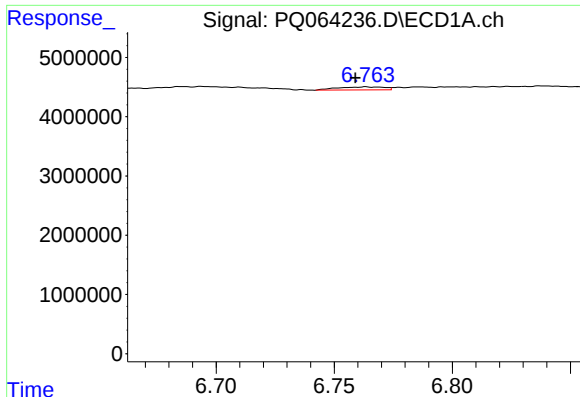
#32 AR-1260-2

R.T.: 6.392 min
Delta R.T.: -0.012 min
Response: 1060931
Conc: 4.55 ng/ml



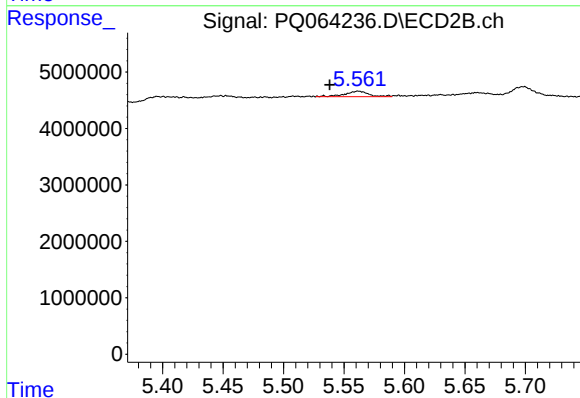
#32 AR-1260-2

R.T.: 5.400 min
Delta R.T.: 0.004 min
Response: 1142325
Conc: 4.78 ng/ml



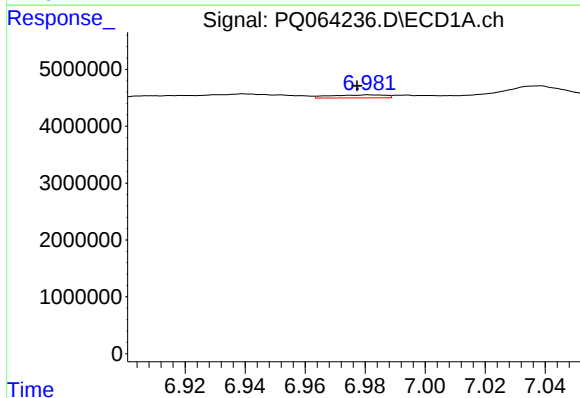
#33 AR-1260-3

R.T.: 6.764 min
Delta R.T.: 0.005 min
Response: 705603
Conc: 4.19 ng/ml



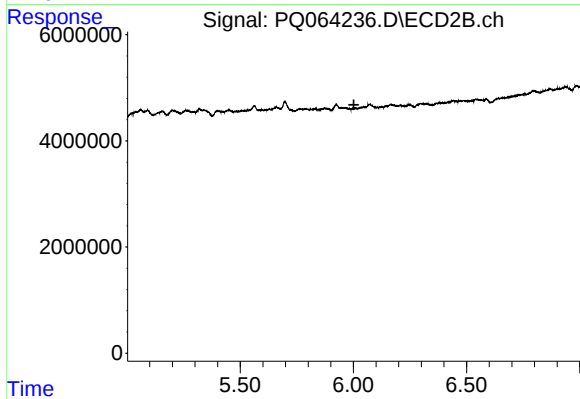
#33 AR-1260-3

R.T.: 5.562 min
Delta R.T.: 0.024 min
Response: 1317007
Conc: 5.76 ng/ml



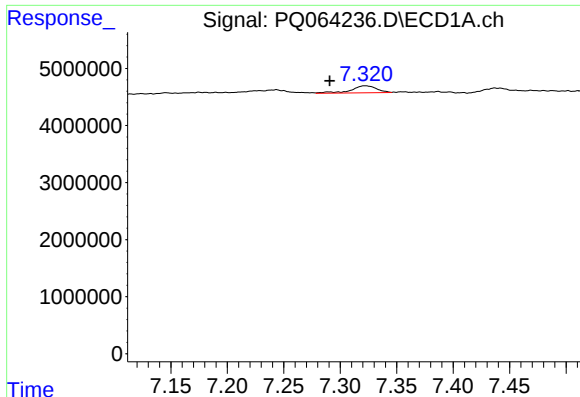
#34 AR-1260-4

R.T.: 6.981 min
Delta R.T.: 0.004 min
Response: 675366
Conc: 3.48 ng/ml



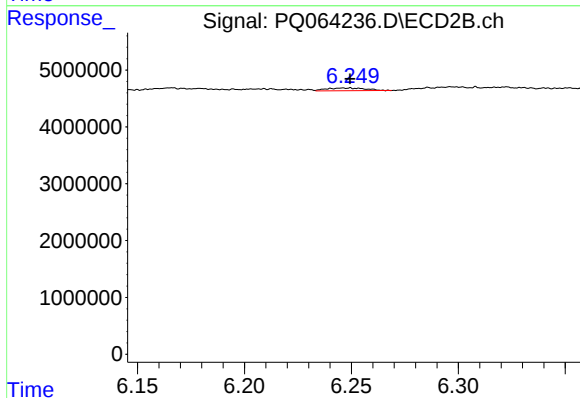
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 6.002 min
Response: 0
Conc: N.D.



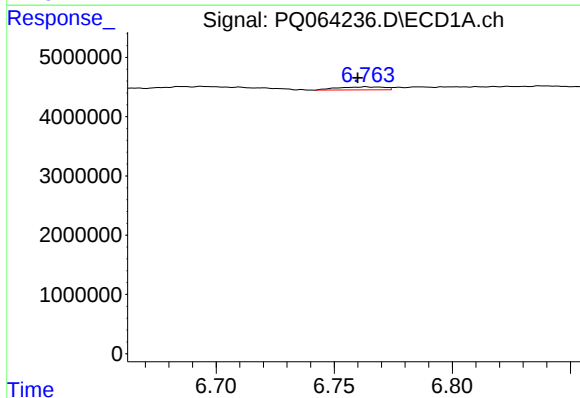
#35 AR-1260-5

R.T.: 7.322 min
Delta R.T.: 0.031 min
Response: 1952106
Conc: 5.36 ng/ml



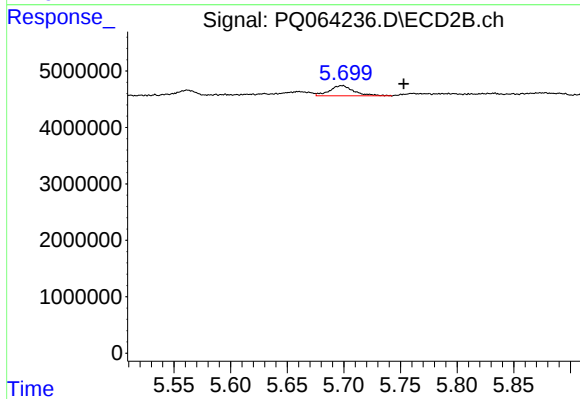
#35 AR-1260-5

R.T.: 6.247 min
Delta R.T.: -0.002 min
Response: 615318
Conc: 1.37 ng/ml



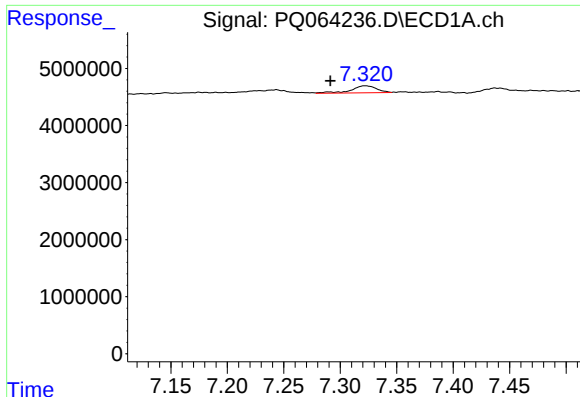
#36 AR-1262-1

R.T.: 6.764 min
Delta R.T.: 0.004 min
Response: 705603
Conc: 2.64 ng/ml



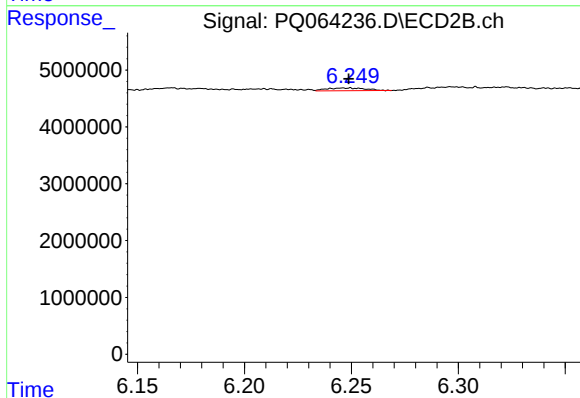
#36 AR-1262-1

R.T.: 5.698 min
Delta R.T.: -0.054 min
Response: 2676773
Conc: 9.50 ng/ml



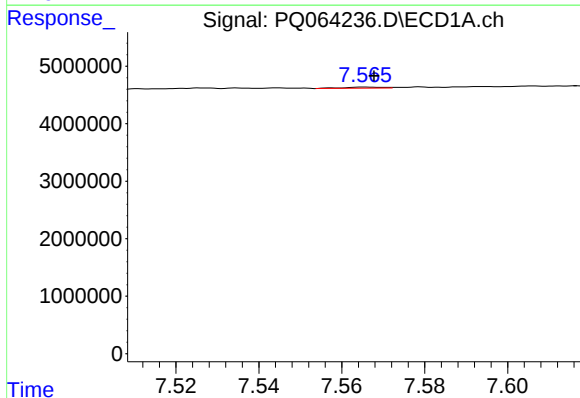
#37 AR-1262-2

R.T.: 7.322 min
Delta R.T.: 0.031 min
Response: 1952106
Conc: 4.50 ng/ml



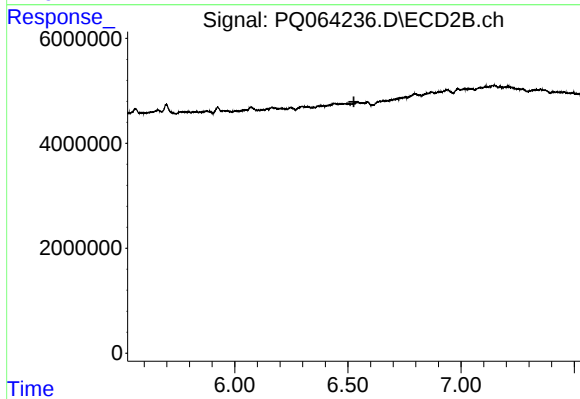
#37 AR-1262-2

R.T.: 6.247 min
Delta R.T.: -0.002 min
Response: 615318
Conc: 1.19 ng/ml



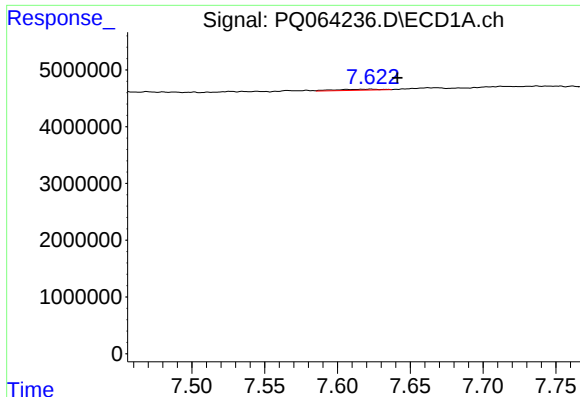
#38 AR-1262-3

R.T.: 7.566 min
Delta R.T.: -0.002 min
Response: 129161
Conc: 0.44 ng/ml



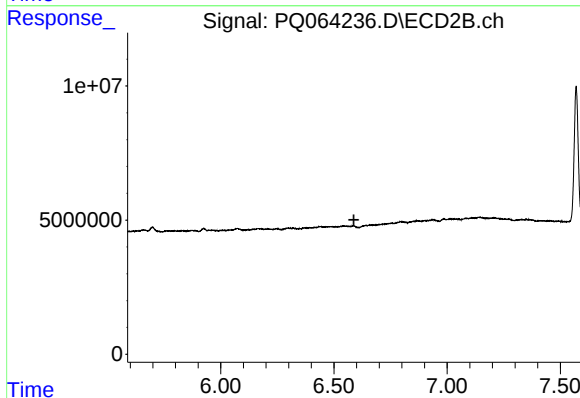
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 6.527 min
Response: 0
Conc: N.D.



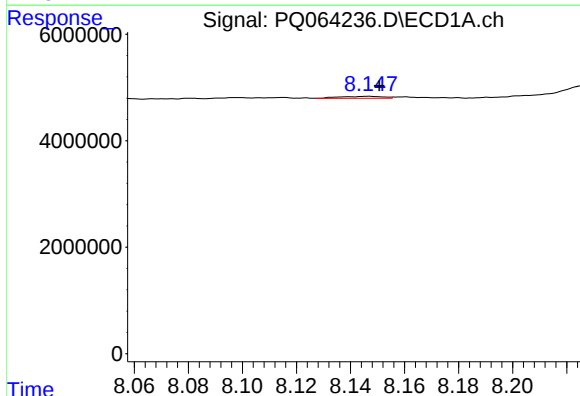
#39 AR-1262-4

R.T.: 7.623 min
Delta R.T.: -0.018 min
Response: 380025
Conc: 1.70 ng/ml



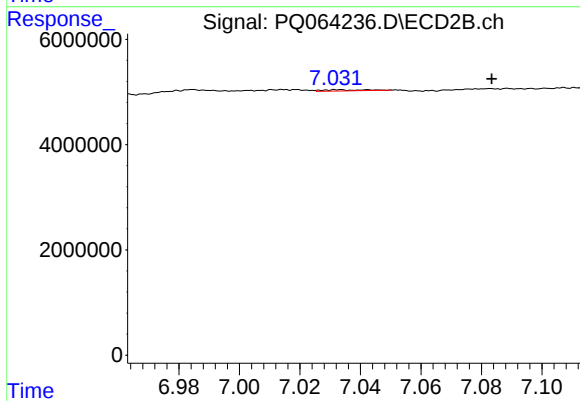
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 6.588 min
Response: 0
Conc: N.D.



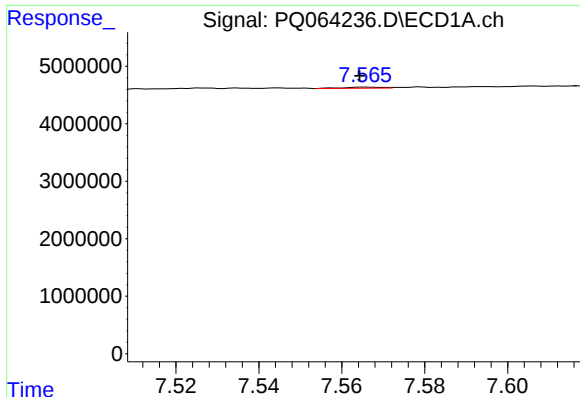
#40 AR-1262-5

R.T.: 8.147 min
Delta R.T.: -0.004 min
Response: 420198
Conc: 2.87 ng/ml



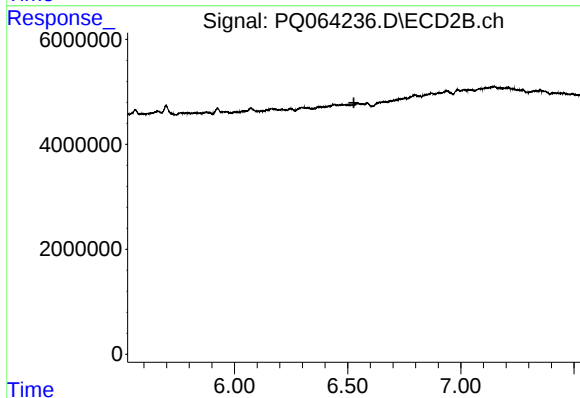
#40 AR-1262-5

R.T.: 7.033 min
Delta R.T.: -0.050 min
Response: 279144
Conc: 1.10 ng/ml



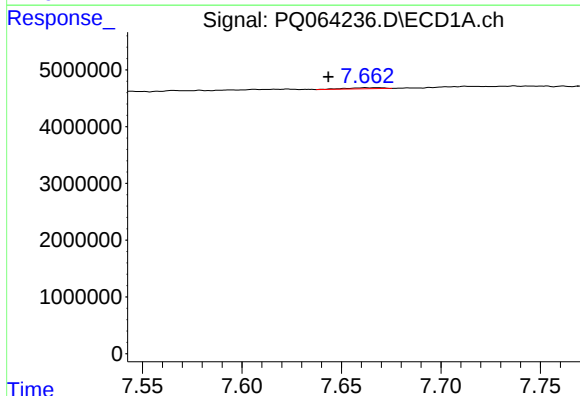
#41 AR-1268-1

R.T.: 7.566 min
Delta R.T.: 0.001 min
Response: 129161
Conc: 0.26 ng/ml



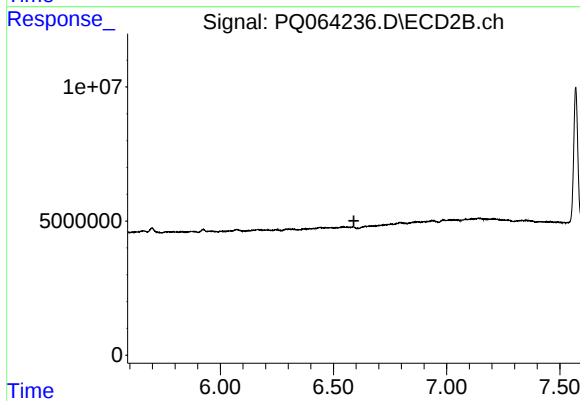
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 6.528 min
Response: 0
Conc: N.D.



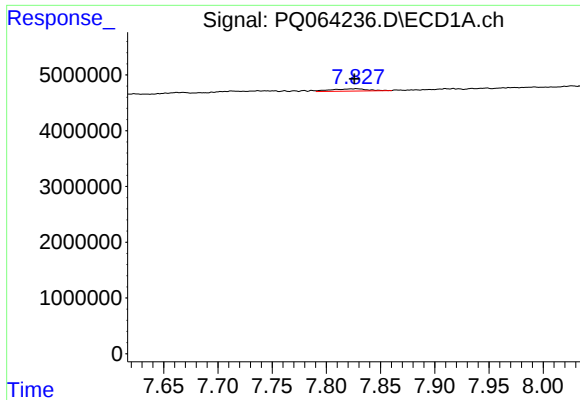
#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: 0.019 min
Response: 241321
Conc: 0.53 ng/ml



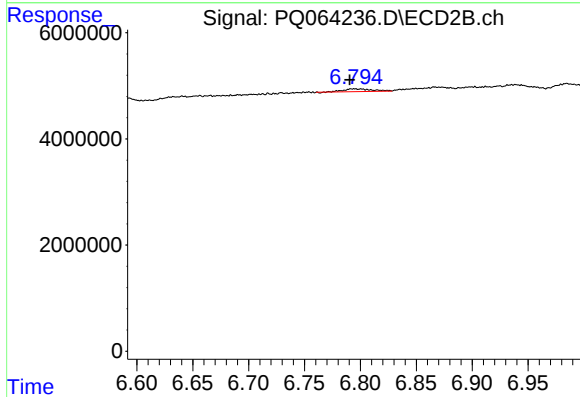
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 6.590 min
Response: 0
Conc: N.D.



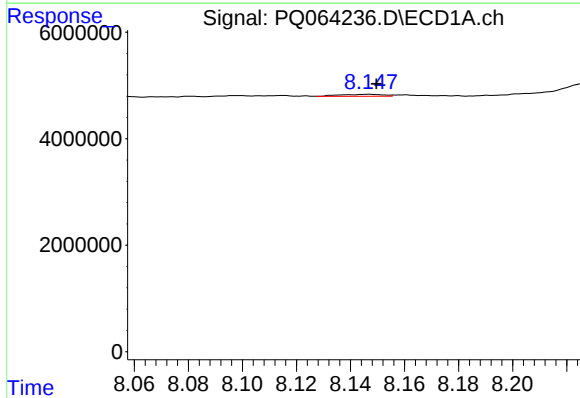
#43 AR-1268-3

R.T.: 7.828 min
Delta R.T.: 0.002 min
Response: 940254
Conc: 2.43 ng/ml



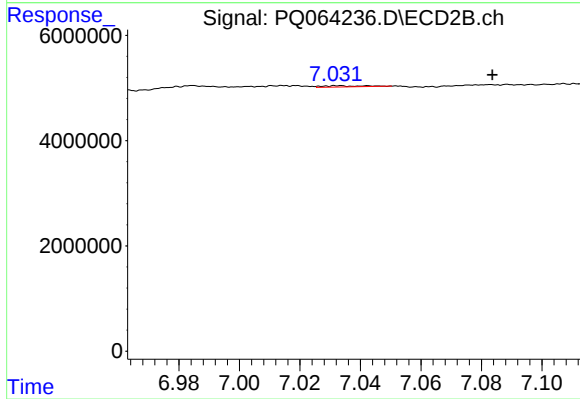
#43 AR-1268-3

R.T.: 6.800 min
Delta R.T.: 0.010 min
Response: 951093
Conc: 1.66 ng/ml



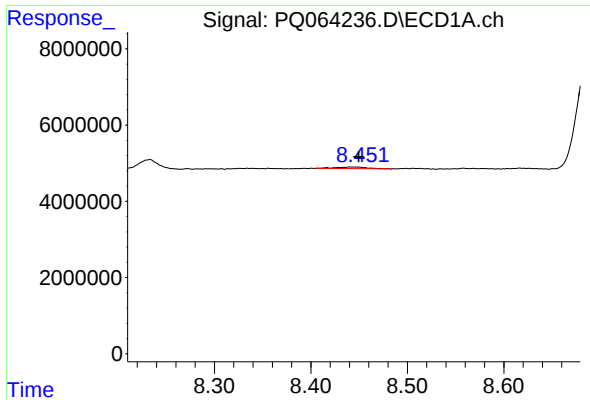
#44 AR-1268-4

R.T.: 8.147 min
Delta R.T.: -0.003 min
Response: 420198
Conc: 2.61 ng/ml



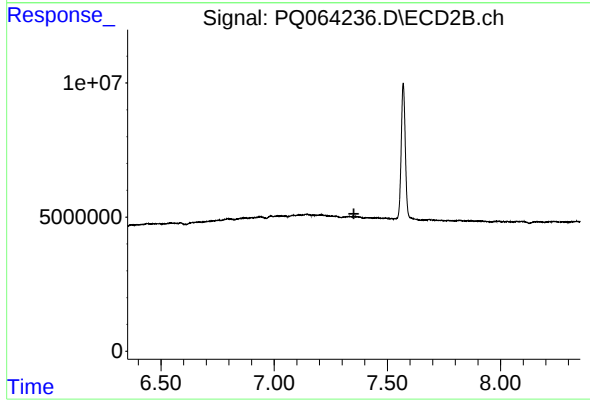
#44 AR-1268-4

R.T.: 7.033 min
Delta R.T.: -0.051 min
Response: 279144
Conc: 1.01 ng/ml



#45 AR-1268-5

R.T.: 8.443 min
Delta R.T.: -0.006 min
Response: 911422
Conc: 0.80 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.352 min
Response: 0
Conc: N.D.