

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022723\
 Data File : PQ060537.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2023 21:43
 Operator : YP\AJ
 Sample : 01627-07
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 23:38:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 16:56:07 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...	3.435	2.796	499.1E6	266.6E6	21.691	23.696
2)	SA Decachlor...	8.558	7.517	300.9E6	253.3E6	22.195	23.598
Target Compounds							
3)	L1 AR-1016-1	4.534	3.787	4109656	1252920	5.170	3.211 #
4)	L1 AR-1016-2	4.534	3.808	4109656	297197	3.434	0.504 #
5)	L1 AR-1016-3	4.600	3.979	2787853	66554	3.762	0.212 #
6)	L1 AR-1016-4	4.681	4.006	588636	13913418	0.949	56.760 #
7)	L1 AR-1016-5	4.962	4.198	17697425	9138905	30.081	28.616
8)	L2 AR-1221-1	3.620	2.993	6430365	150219	26.843	1.336 #
9)	L2 AR-1221-2	3.711	3.064	9669388	3842556	55.318	46.159
10)	L2 AR-1221-3	3.786	3.145	1076387	341297	2.058	1.321 #
11)	L3 AR-1232-1	3.786	3.138	1076387	513868	2.050	1.920
12)	L3 AR-1232-2	4.256	3.808	2496582	297197	9.348	1.107 #
13)	L3 AR-1232-3	4.534	3.958	4109656	383172	7.536	2.751 #
14)	L3 AR-1232-4	4.681	4.042	588636	4441503	2.179	37.424 #
15)	L3 AR-1232-5	4.775	4.198	28865727	9138905	154.637	67.064 #
16)	L4 AR-1242-1	4.518	3.787	2619432	1252920	4.242	3.896
17)	L4 AR-1242-2	4.534	3.808	4109656	297197	4.377	0.620 #
18)	L4 AR-1242-3	4.600	3.958	2787853	383172	4.826	1.478 #
19)	L4 AR-1242-4	4.681	4.042	588636	4441503	1.207	18.556 #
20)	L4 AR-1242-5	5.384	4.527	14516749	33798954	29.108	109.469 #
21)	L5 AR-1248-1	4.518	3.787	2619432	1252920	5.494	5.115
22)	L5 AR-1248-2	4.775	4.006	28865727	13913418	46.412	40.404
23)	L5 AR-1248-3	4.962	4.042	17697425	4441503	23.351	12.740 #
24)	L5 AR-1248-4	5.346	4.198	23253492	9138905	27.844	21.594
25)	L5 AR-1248-5	5.384	4.566	14516749	4382864	17.357	10.297 #
26)	L6 AR-1254-1	5.320	4.527	47217544	33798954	56.448	52.198
27)	L6 AR-1254-2	5.532	4.671	70699315	28915214	55.258	52.491
28)	L6 AR-1254-3	5.878	5.046	69836069	38011425	51.405	44.331
29)	L6 AR-1254-4	6.160	5.267	53265251	27960845	53.706	49.939
30)	L6 AR-1254-5	6.570	5.664	56631961	40466876	53.947	49.928
31)	L7 AR-1260-1	6.039	5.173	27308797	21695569	26.069	35.325 #
32)	L7 AR-1260-2	6.325	5.356	18844089	18023676	15.195	24.172 #
33)	L7 AR-1260-3	6.678	5.493	67174	22805673	0.075	31.377 #
34)	L7 AR-1260-4	6.921f	5.948	224040	2058638	0.227	3.493 #
35)	L7 AR-1260-5	7.182	6.217	7461782	1535440	3.838	1.116 #
36)	L8 AR-1262-1	6.649	5.727	1561925	3471482	1.359	4.440 #
37)	L8 AR-1262-2	7.182	6.193	7461782	5207761	3.721	3.670
38)	L8 AR-1262-3	7.464	6.470	7082882	941370	5.411	1.658 #
39)	L8 AR-1262-4	7.546	6.525	2872598	4910728	2.810	4.597 #
40)	L8 AR-1262-5	8.036	7.031	134905	584751	0.207	1.129 #
41)	L9 AR-1268-1	7.464	6.470	7082882	941370	3.101	0.556 #

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 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 16:56:07 2023
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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

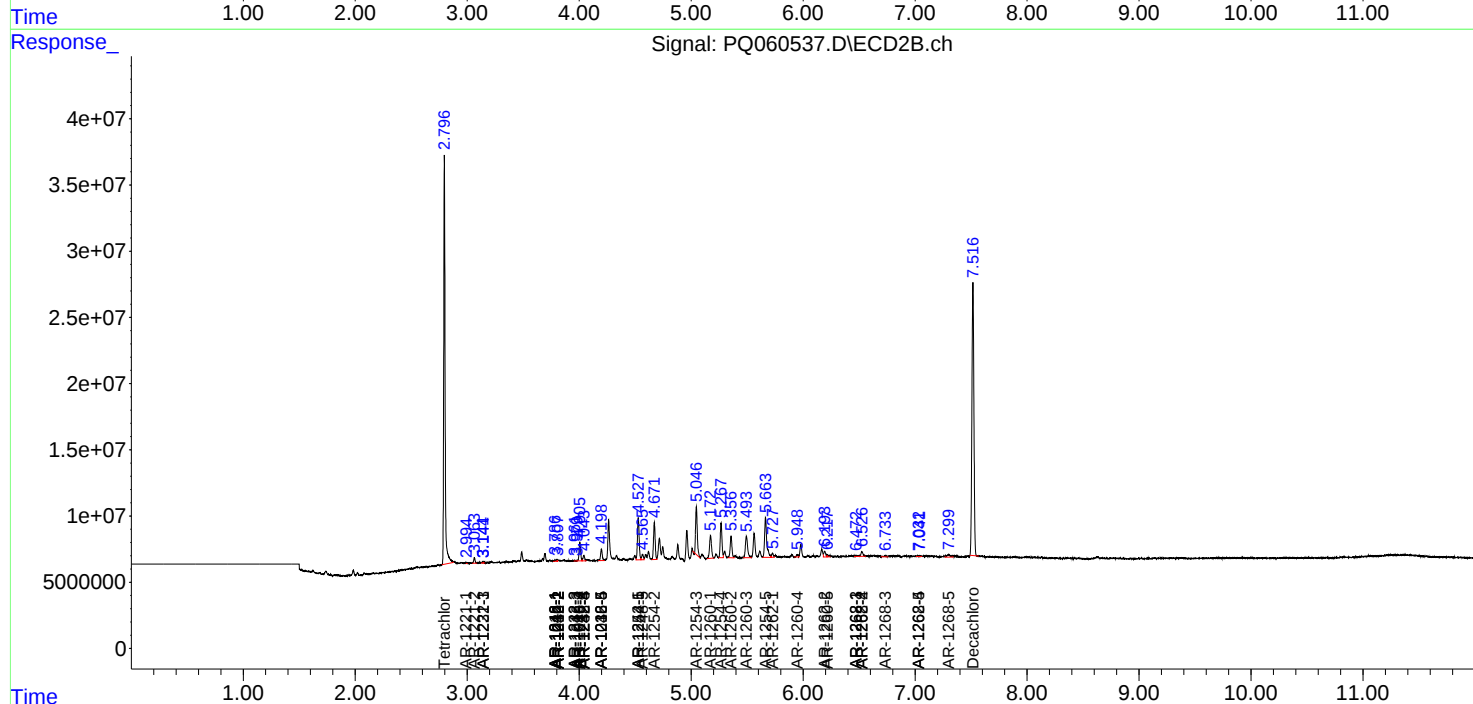
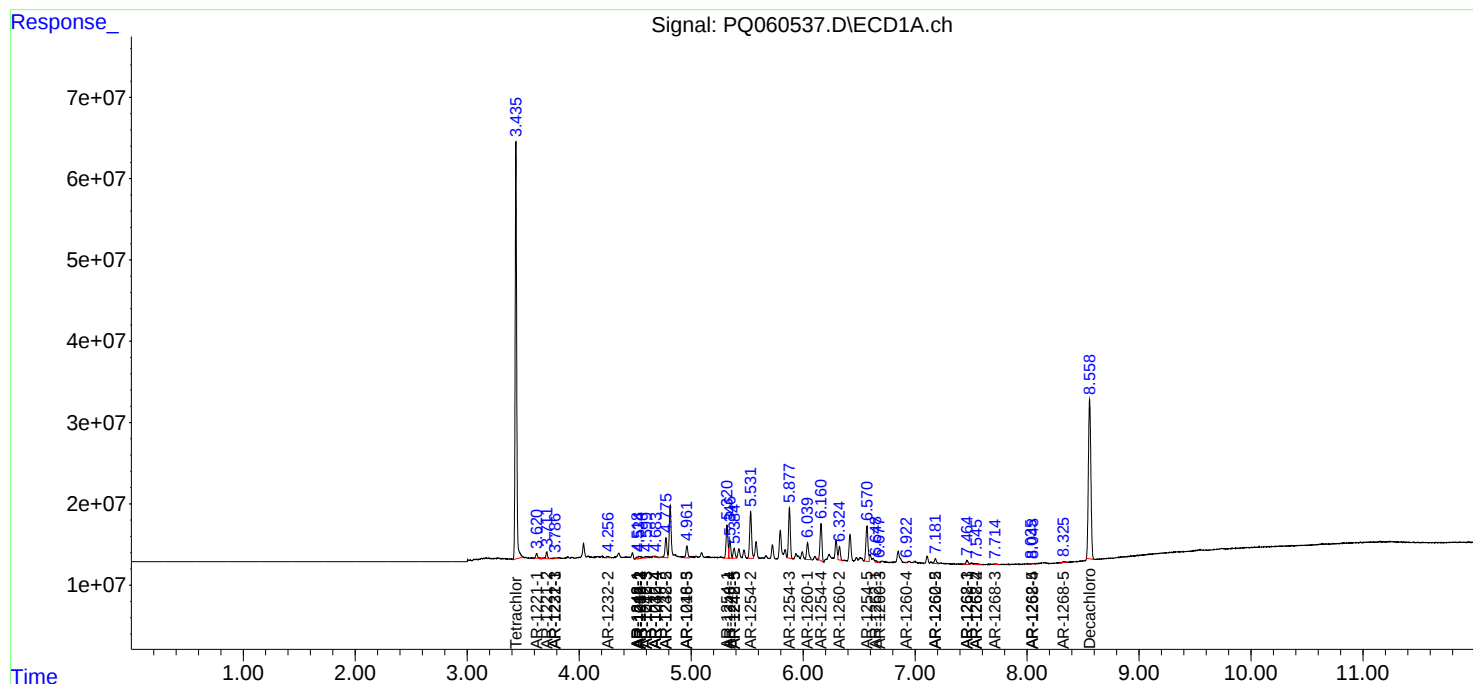
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.546	6.525	2872598	4910728	1.353	3.155 #
43) L9	AR-1268-3	7.715	6.733	649451	1280351	0.373	0.941 #
44) L9	AR-1268-4	8.048	7.040	600909	308655	0.808	0.523 #
45) L9	AR-1268-5	8.330	7.299	1751488	4626965	0.340	1.085 #

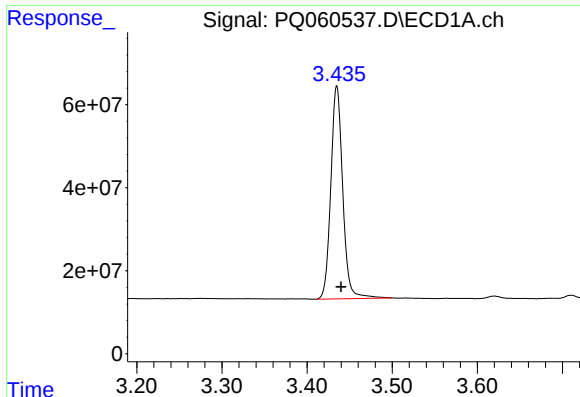
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Quant Time: Feb 27 23:38:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 24 16:56:07 2023
Response via : Initial Calibration
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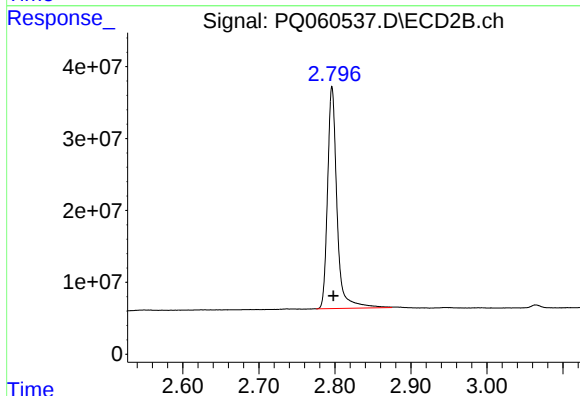
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





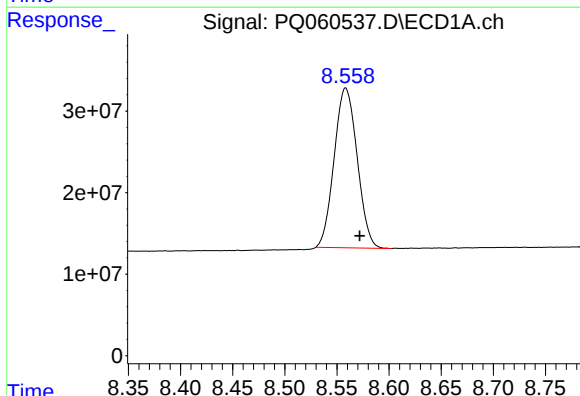
#1 Tetrachloro-m-xylene

R.T.: 3.435 min
Delta R.T.: -0.005 min
Response: 499120382
Conc: 21.69 ng/ml



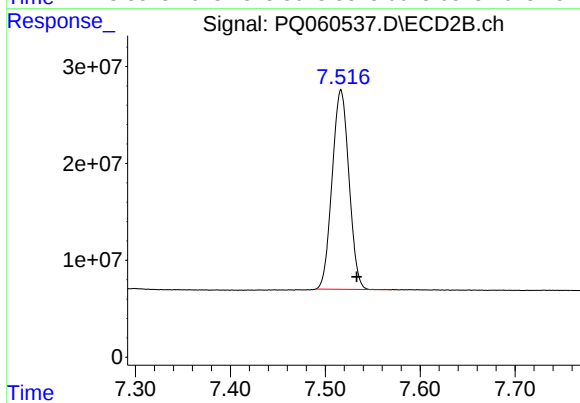
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: -0.002 min
Response: 266575152
Conc: 23.70 ng/ml



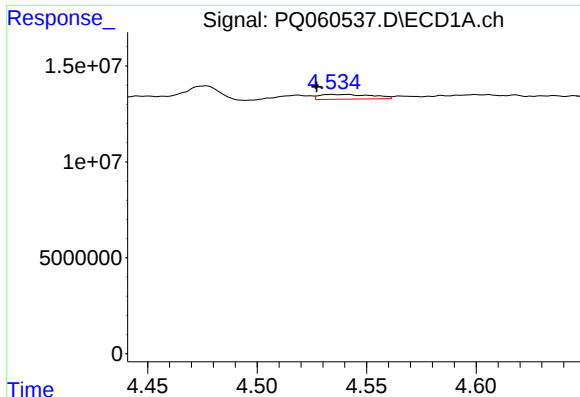
#2 Decachlorobiphenyl

R.T.: 8.558 min
Delta R.T.: -0.013 min
Response: 300949871
Conc: 22.20 ng/ml



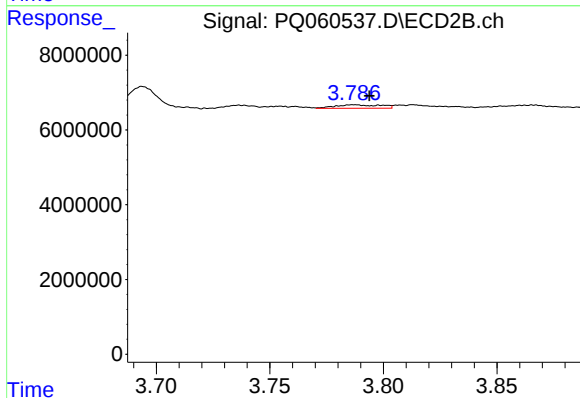
#2 Decachlorobiphenyl

R.T.: 7.517 min
Delta R.T.: -0.017 min
Response: 253264496
Conc: 23.60 ng/ml



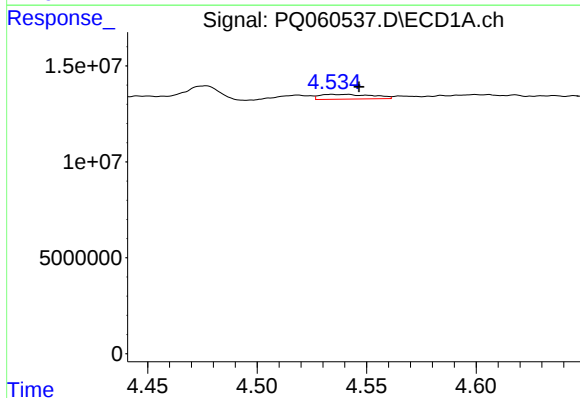
#3 AR-1016-1

R.T.: 4.534 min
Delta R.T.: 0.007 min
Response: 4109656
Conc: 5.17 ng/ml



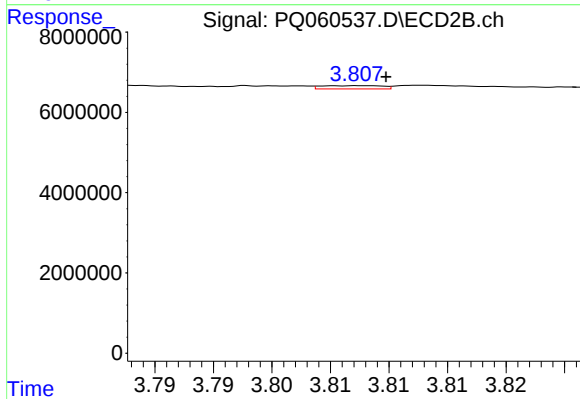
#3 AR-1016-1

R.T.: 3.787 min
Delta R.T.: -0.007 min
Response: 1252920
Conc: 3.21 ng/ml



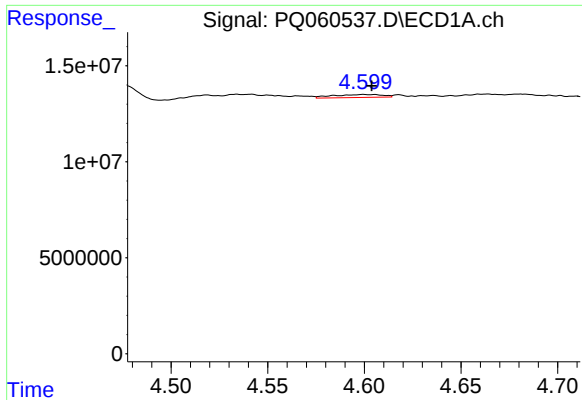
#4 AR-1016-2

R.T.: 4.534 min
Delta R.T.: -0.013 min
Response: 4109656
Conc: 3.43 ng/ml



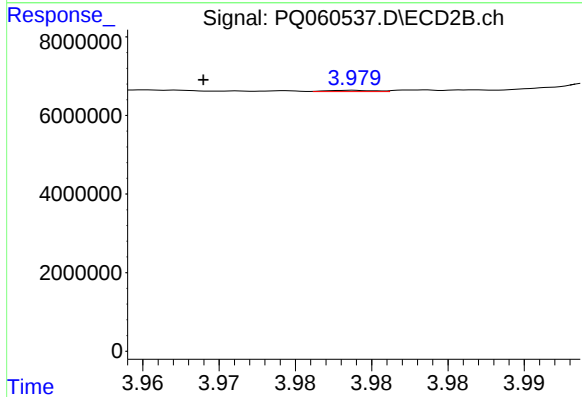
#4 AR-1016-2

R.T.: 3.808 min
Delta R.T.: -0.002 min
Response: 297197
Conc: 0.50 ng/ml



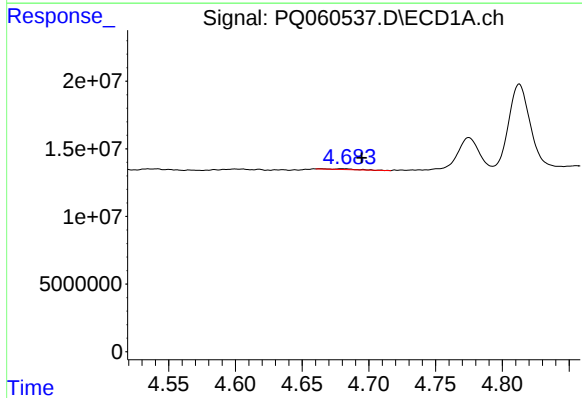
#5 AR-1016-3

R.T.: 4.600 min
Delta R.T.: -0.004 min
Response: 2787853
Conc: 3.76 ng/ml



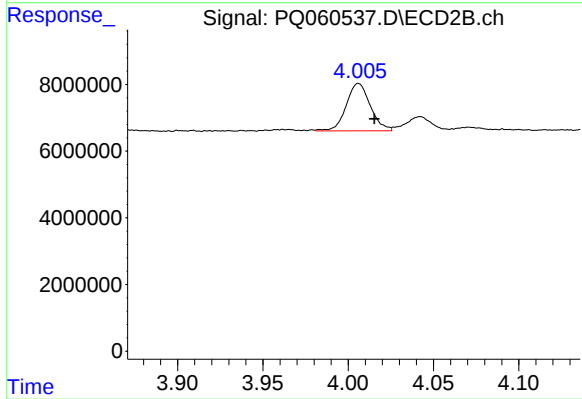
#5 AR-1016-3

R.T.: 3.979 min
Delta R.T.: 0.010 min
Response: 66554
Conc: 0.21 ng/ml



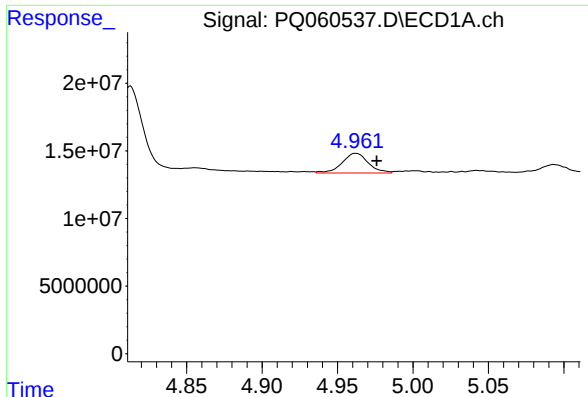
#6 AR-1016-4

R.T.: 4.681 min
Delta R.T.: -0.014 min
Response: 588636
Conc: 0.95 ng/ml



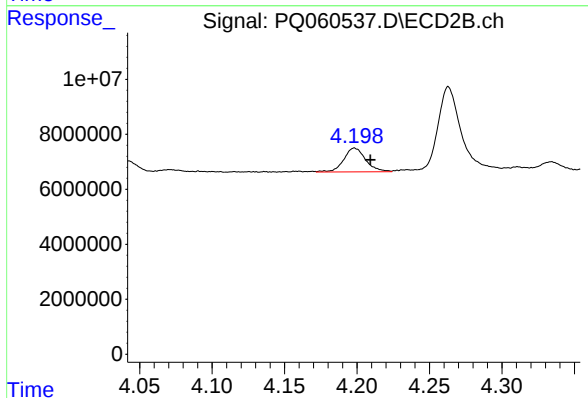
#6 AR-1016-4

R.T.: 4.006 min
Delta R.T.: -0.009 min
Response: 13913418
Conc: 56.76 ng/ml



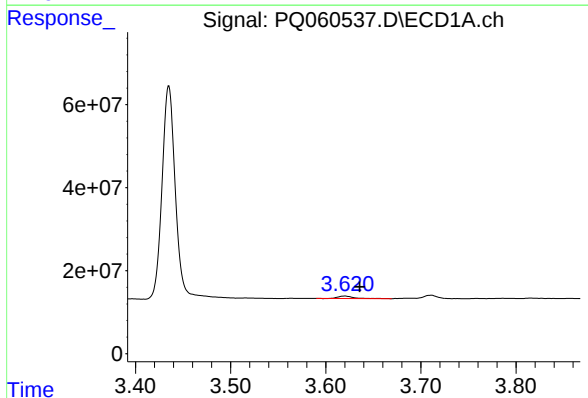
#7 AR-1016-5

R.T.: 4.962 min
Delta R.T.: -0.014 min
Response: 17697425
Conc: 30.08 ng/ml



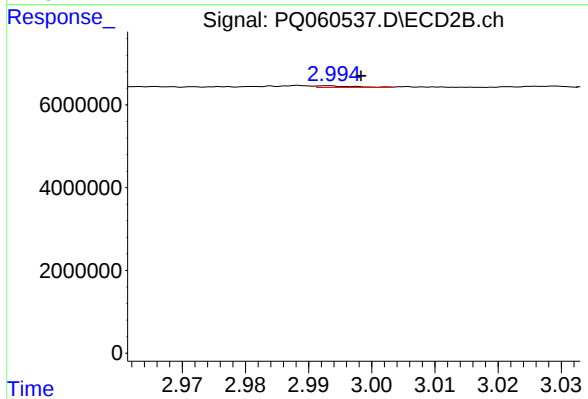
#7 AR-1016-5

R.T.: 4.198 min
Delta R.T.: -0.011 min
Response: 9138905
Conc: 28.62 ng/ml



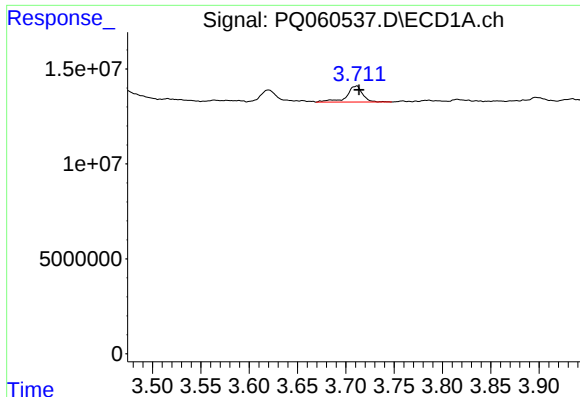
#8 AR-1221-1

R.T.: 3.620 min
Delta R.T.: -0.016 min
Response: 6430365
Conc: 26.84 ng/ml



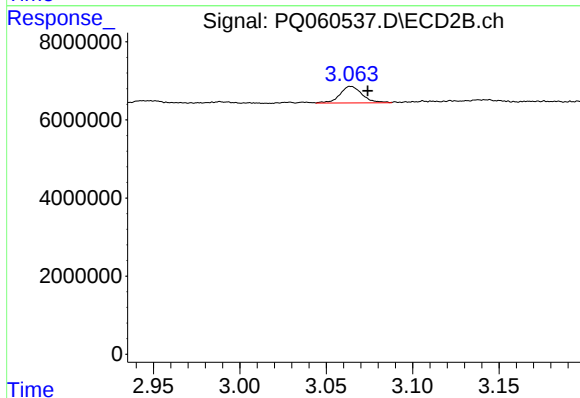
#8 AR-1221-1

R.T.: 2.993 min
Delta R.T.: -0.005 min
Response: 150219
Conc: 1.34 ng/ml



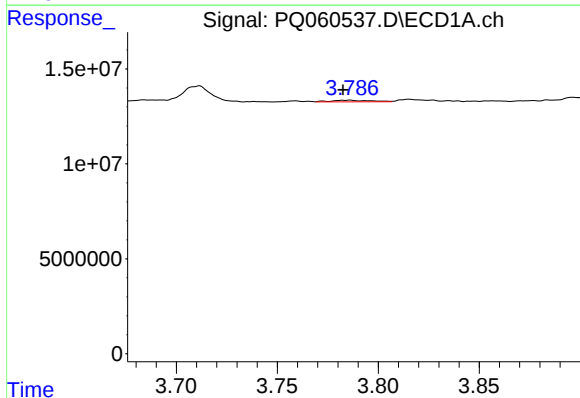
#9 AR-1221-2

R.T.: 3.711 min
Delta R.T.: -0.003 min
Response: 9669388
Conc: 55.32 ng/ml



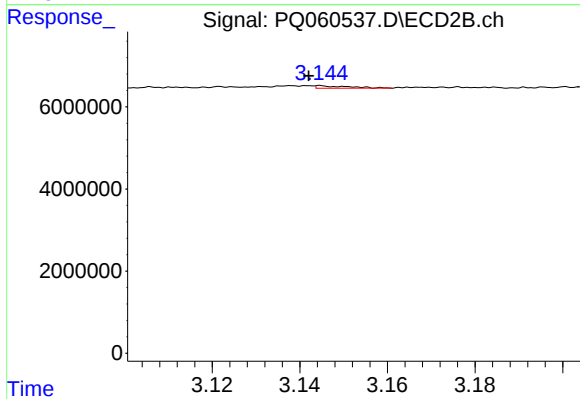
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.010 min
Response: 3842556
Conc: 46.16 ng/ml



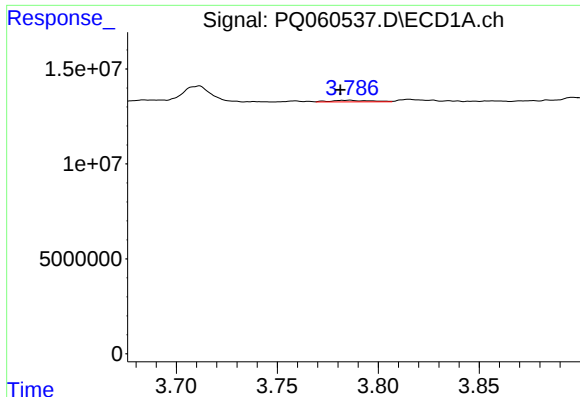
#10 AR-1221-3

R.T.: 3.786 min
Delta R.T.: 0.003 min
Response: 1076387
Conc: 2.06 ng/ml



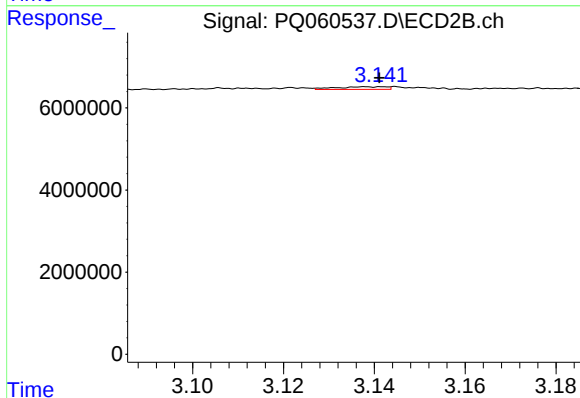
#10 AR-1221-3

R.T.: 3.145 min
Delta R.T.: 0.003 min
Response: 341297
Conc: 1.32 ng/ml



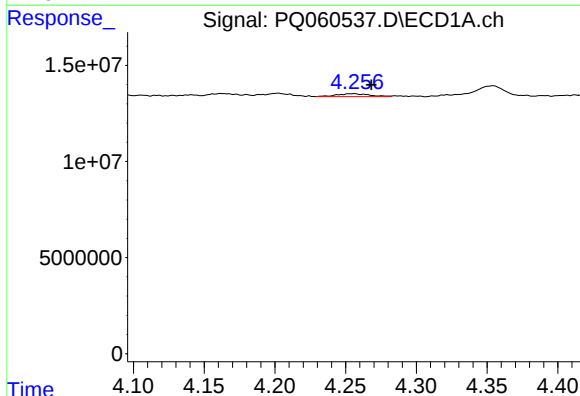
#11 AR-1232-1

R.T.: 3.786 min
Delta R.T.: 0.005 min
Response: 1076387
Conc: 2.05 ng/ml



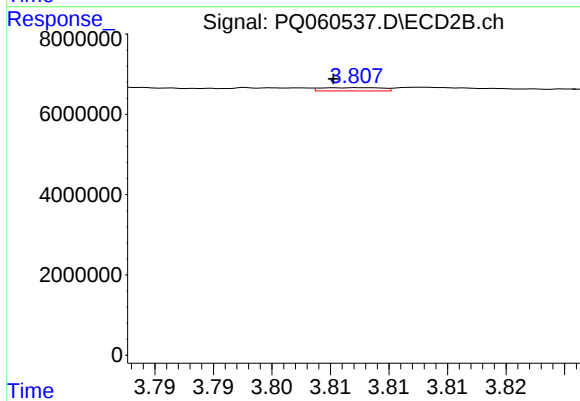
#11 AR-1232-1

R.T.: 3.138 min
Delta R.T.: -0.003 min
Response: 513868
Conc: 1.92 ng/ml



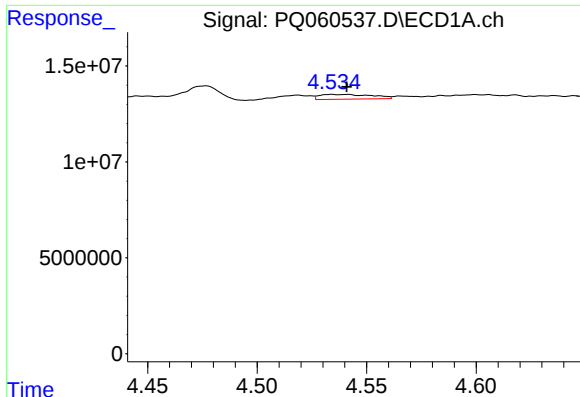
#12 AR-1232-2

R.T.: 4.256 min
Delta R.T.: -0.012 min
Response: 2496582
Conc: 9.35 ng/ml



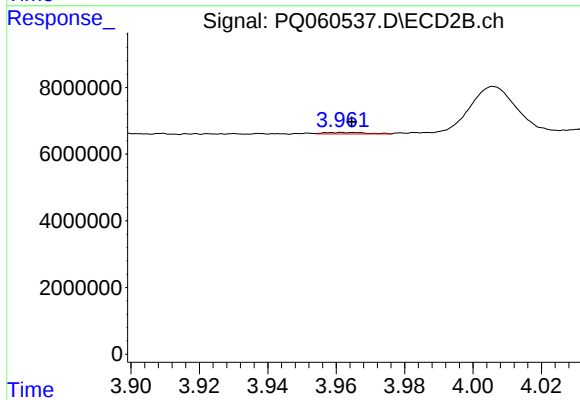
#12 AR-1232-2

R.T.: 3.808 min
Delta R.T.: 0.002 min
Response: 297197
Conc: 1.11 ng/ml



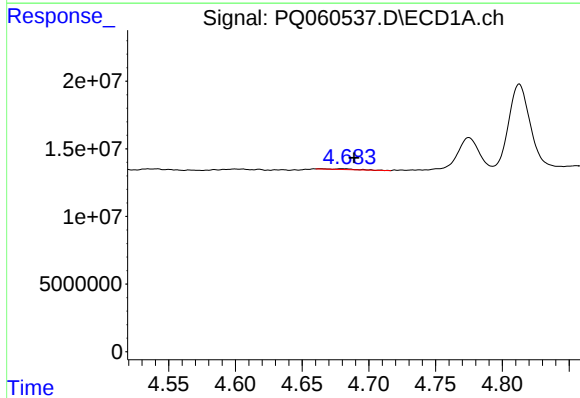
#13 AR-1232-3

R.T.: 4.534 min
Delta R.T.: -0.007 min
Response: 4109656
Conc: 7.54 ng/ml



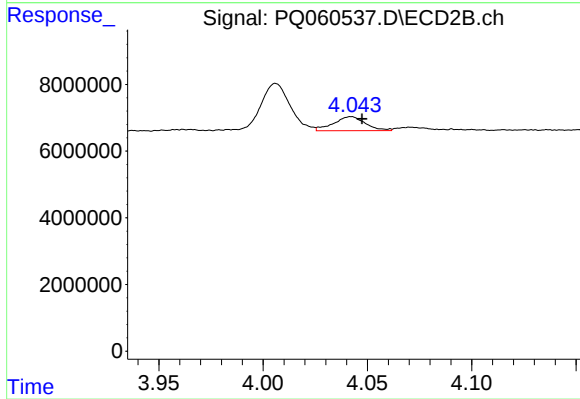
#13 AR-1232-3

R.T.: 3.958 min
Delta R.T.: -0.006 min
Response: 383172
Conc: 2.75 ng/ml



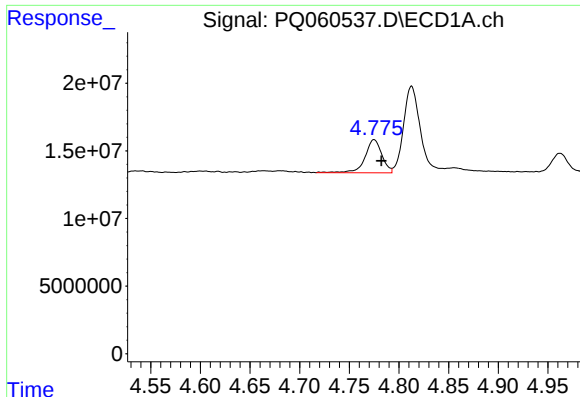
#14 AR-1232-4

R.T.: 4.681 min
Delta R.T.: -0.008 min
Response: 588636
Conc: 2.18 ng/ml



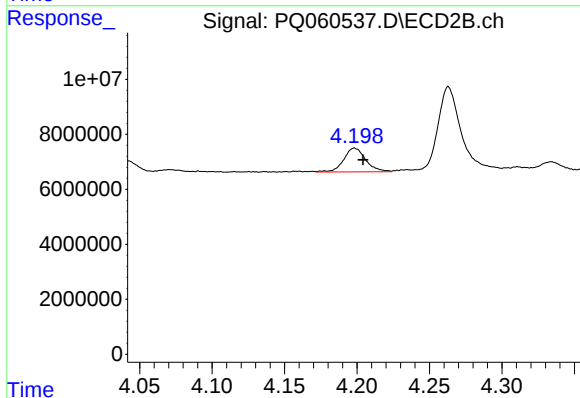
#14 AR-1232-4

R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 4441503
Conc: 37.42 ng/ml



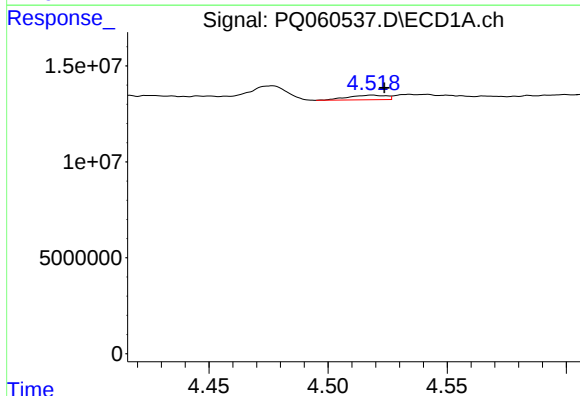
#15 AR-1232-5

R.T.: 4.775 min
Delta R.T.: -0.007 min
Response: 28865727
Conc: 154.64 ng/ml



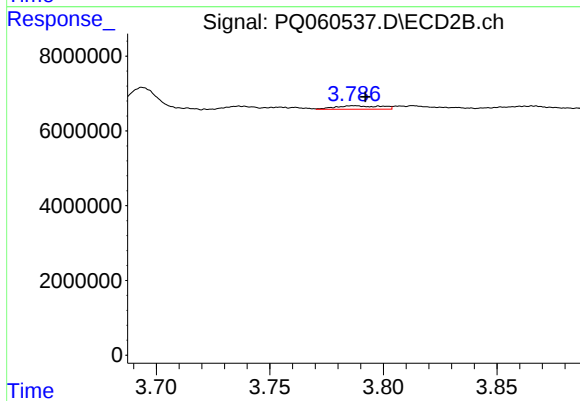
#15 AR-1232-5

R.T.: 4.198 min
Delta R.T.: -0.006 min
Response: 9138905
Conc: 67.06 ng/ml



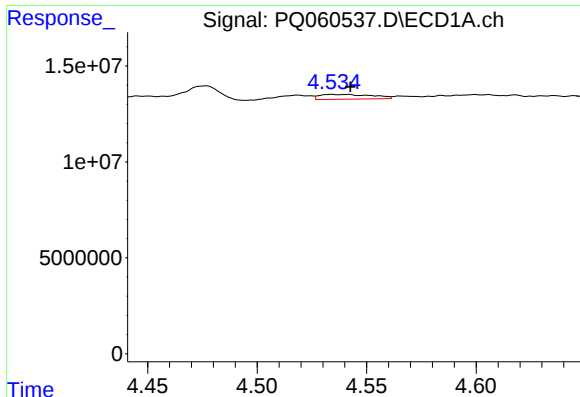
#16 AR-1242-1

R.T.: 4.518 min
Delta R.T.: -0.005 min
Response: 2619432
Conc: 4.24 ng/ml



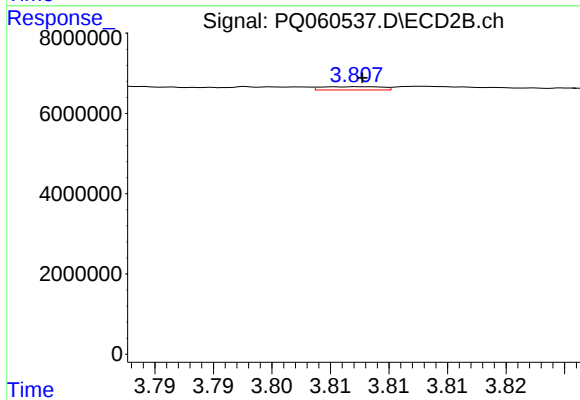
#16 AR-1242-1

R.T.: 3.787 min
Delta R.T.: -0.005 min
Response: 1252920
Conc: 3.90 ng/ml



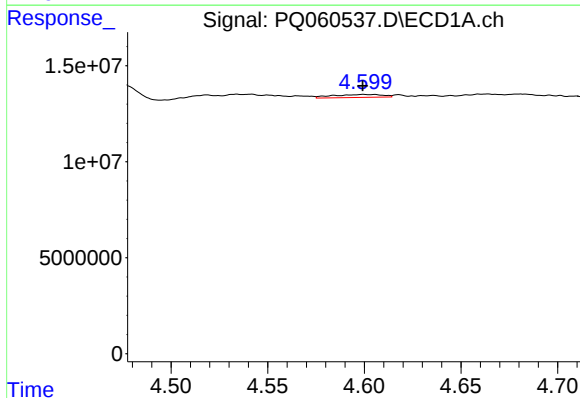
#17 AR-1242-2

R.T.: 4.534 min
Delta R.T.: -0.009 min
Response: 4109656
Conc: 4.38 ng/ml



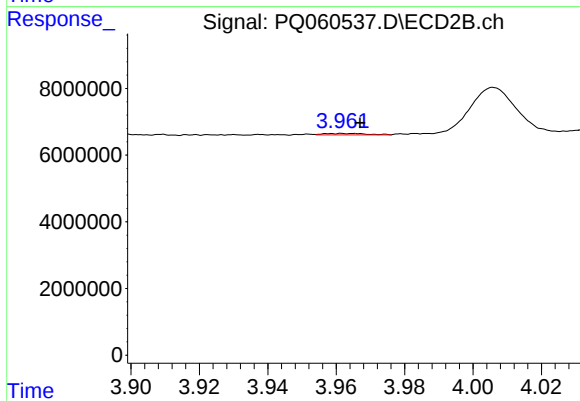
#17 AR-1242-2

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 297197
Conc: 0.62 ng/ml



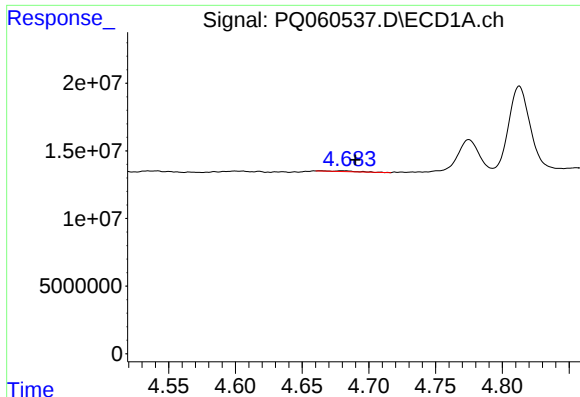
#18 AR-1242-3

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 2787853
Conc: 4.83 ng/ml



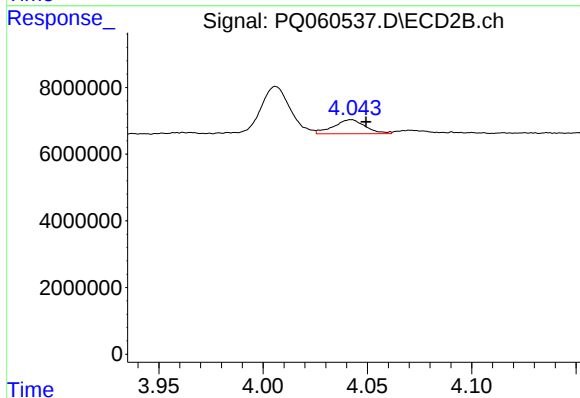
#18 AR-1242-3

R.T.: 3.958 min
Delta R.T.: -0.009 min
Response: 383172
Conc: 1.48 ng/ml



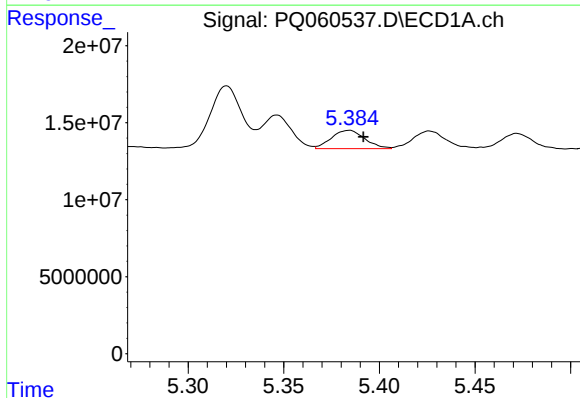
#19 AR-1242-4

R.T.: 4.681 min
Delta R.T.: -0.009 min
Response: 588636
Conc: 1.21 ng/ml



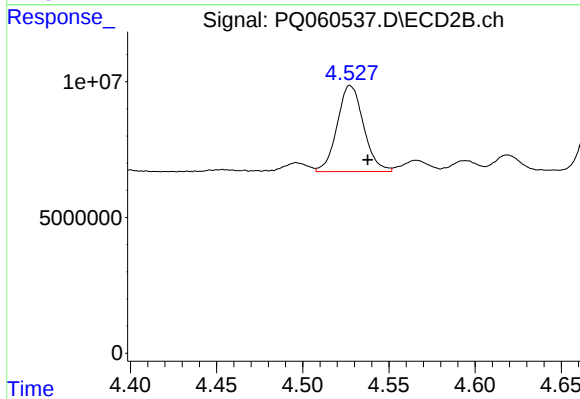
#19 AR-1242-4

R.T.: 4.042 min
Delta R.T.: -0.007 min
Response: 4441503
Conc: 18.56 ng/ml



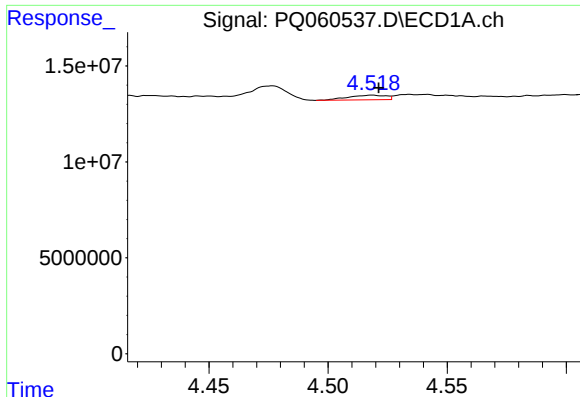
#20 AR-1242-5

R.T.: 5.384 min
Delta R.T.: -0.008 min
Response: 14516749
Conc: 29.11 ng/ml



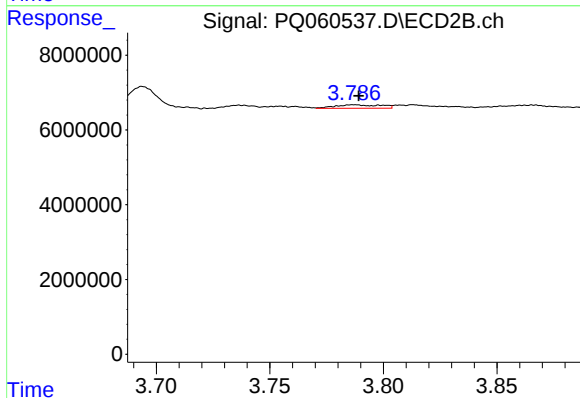
#20 AR-1242-5

R.T.: 4.527 min
Delta R.T.: -0.010 min
Response: 33798954
Conc: 109.47 ng/ml



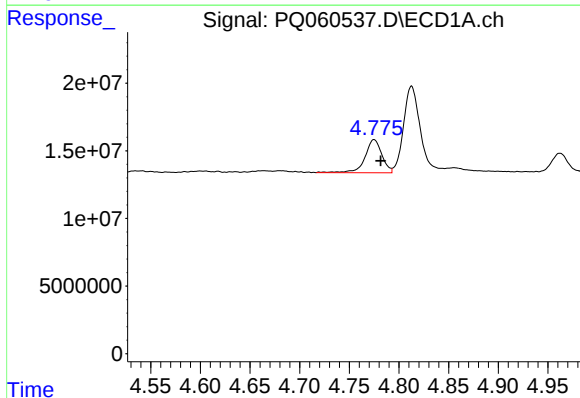
#21 AR-1248-1

R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 2619432
Conc: 5.49 ng/ml



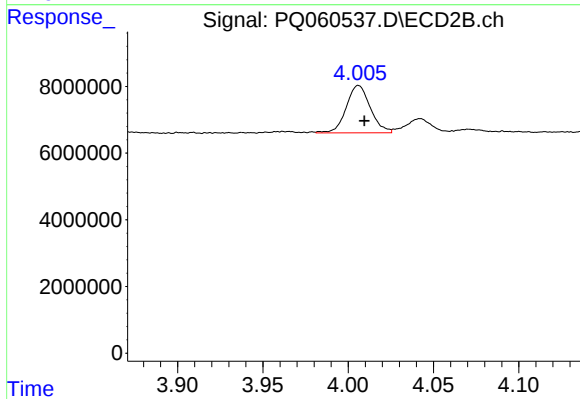
#21 AR-1248-1

R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 1252920
Conc: 5.12 ng/ml



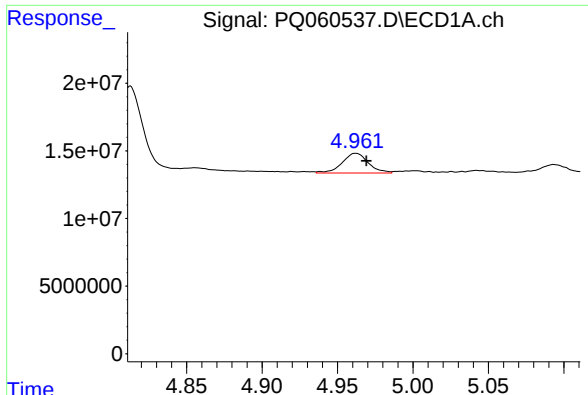
#22 AR-1248-2

R.T.: 4.775 min
Delta R.T.: -0.007 min
Response: 28865727
Conc: 46.41 ng/ml



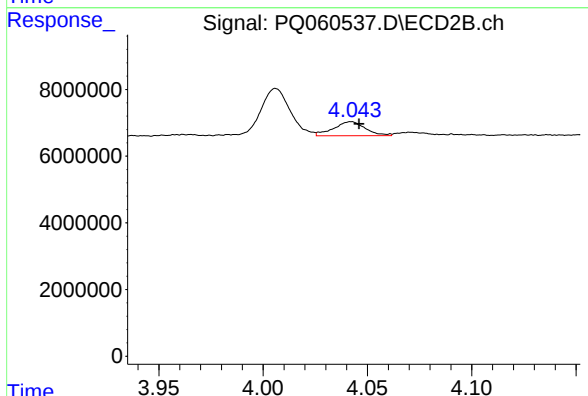
#22 AR-1248-2

R.T.: 4.006 min
Delta R.T.: -0.003 min
Response: 13913418
Conc: 40.40 ng/ml



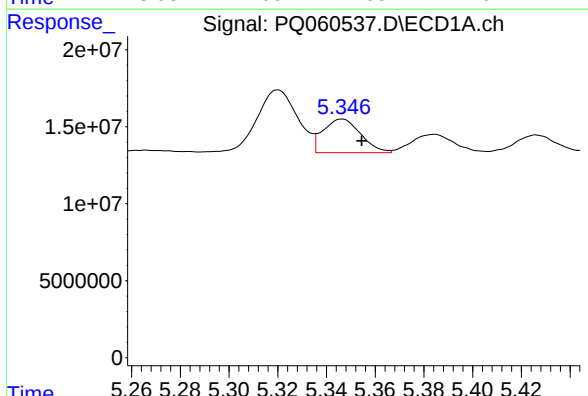
#23 AR-1248-3

R.T.: 4.962 min
Delta R.T.: -0.007 min
Response: 17697425
Conc: 23.35 ng/ml



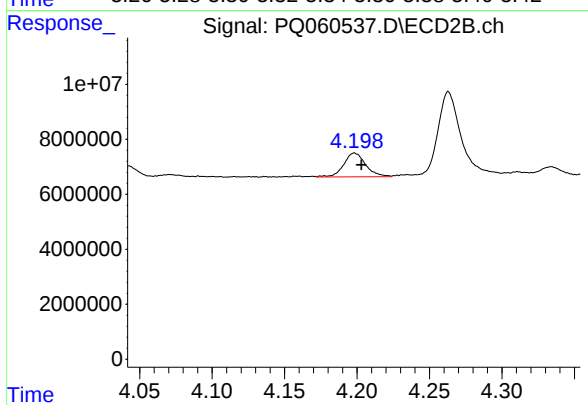
#23 AR-1248-3

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 4441503
Conc: 12.74 ng/ml



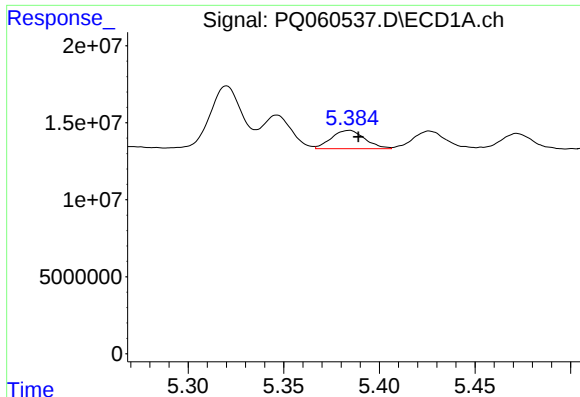
#24 AR-1248-4

R.T.: 5.346 min
Delta R.T.: -0.008 min
Response: 23253492
Conc: 27.84 ng/ml



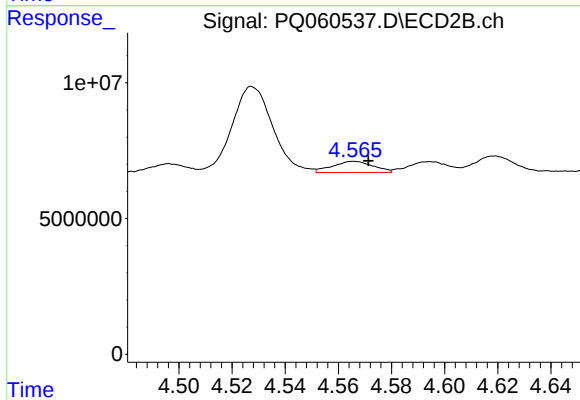
#24 AR-1248-4

R.T.: 4.198 min
Delta R.T.: -0.005 min
Response: 9138905
Conc: 21.59 ng/ml



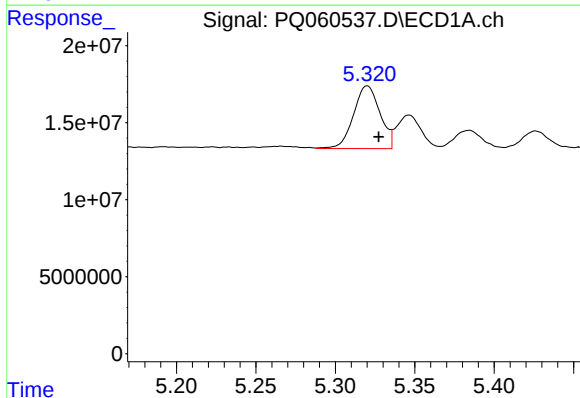
#25 AR-1248-5

R.T.: 5.384 min
Delta R.T.: -0.005 min
Response: 14516749
Conc: 17.36 ng/ml



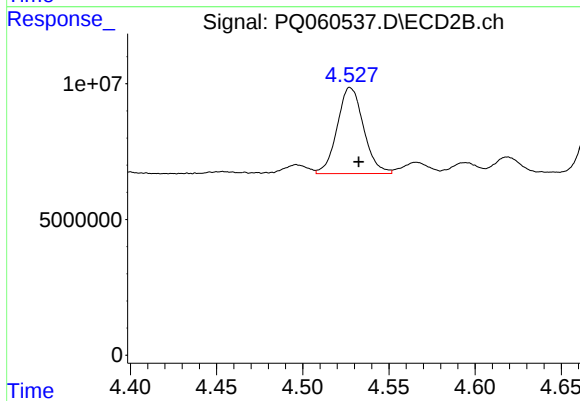
#25 AR-1248-5

R.T.: 4.566 min
Delta R.T.: -0.006 min
Response: 4382864
Conc: 10.30 ng/ml



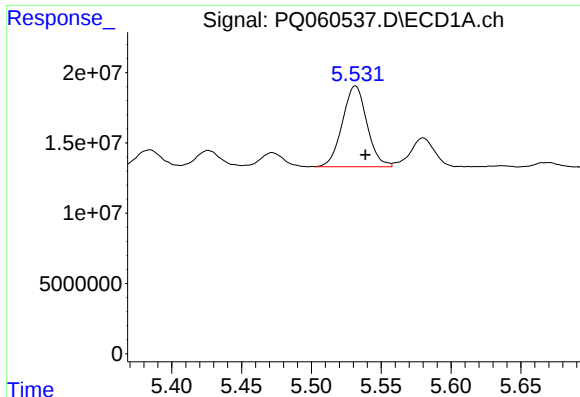
#26 AR-1254-1

R.T.: 5.320 min
Delta R.T.: -0.007 min
Response: 47217544
Conc: 56.45 ng/ml



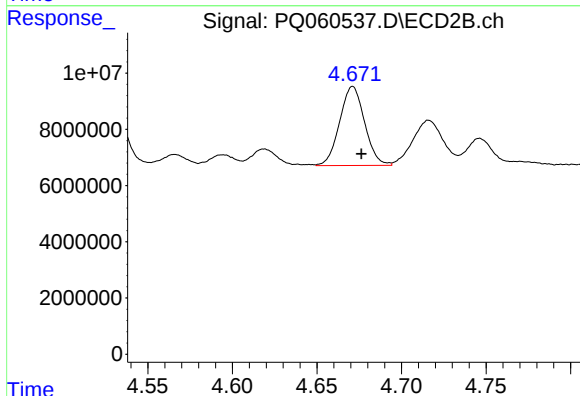
#26 AR-1254-1

R.T.: 4.527 min
Delta R.T.: -0.005 min
Response: 33798954
Conc: 52.20 ng/ml



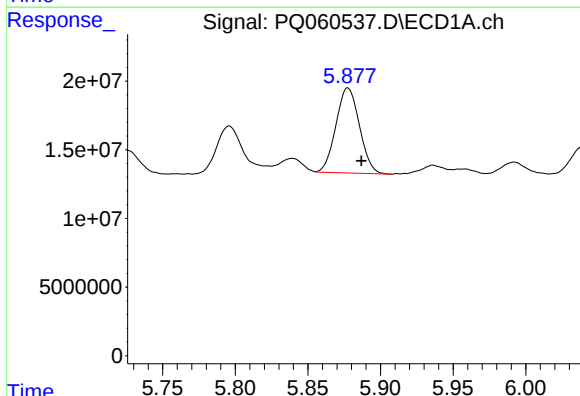
#27 AR-1254-2

R.T.: 5.532 min
Delta R.T.: -0.007 min
Response: 70699315
Conc: 55.26 ng/ml



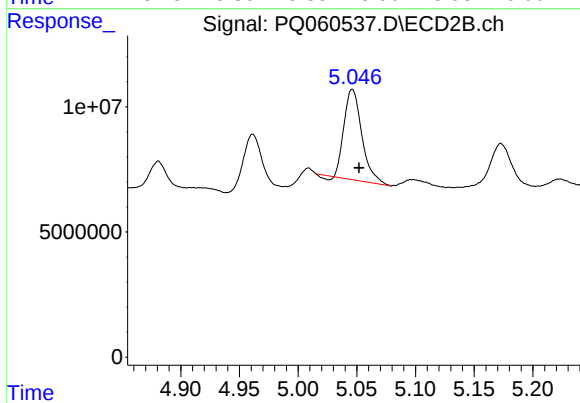
#27 AR-1254-2

R.T.: 4.671 min
Delta R.T.: -0.005 min
Response: 28915214
Conc: 52.49 ng/ml



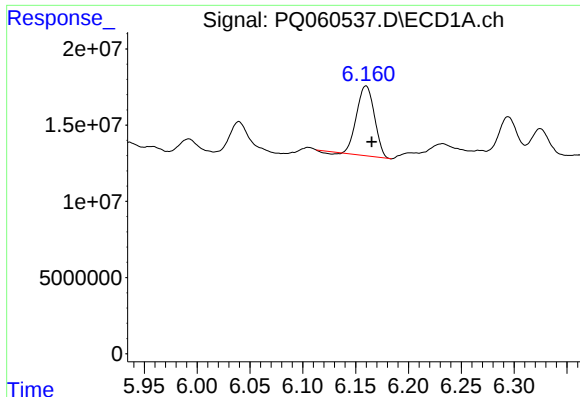
#28 AR-1254-3

R.T.: 5.878 min
Delta R.T.: -0.009 min
Response: 69836069
Conc: 51.41 ng/ml



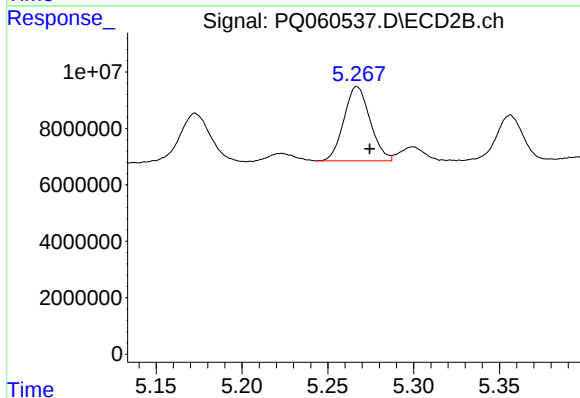
#28 AR-1254-3

R.T.: 5.046 min
Delta R.T.: -0.006 min
Response: 38011425
Conc: 44.33 ng/ml



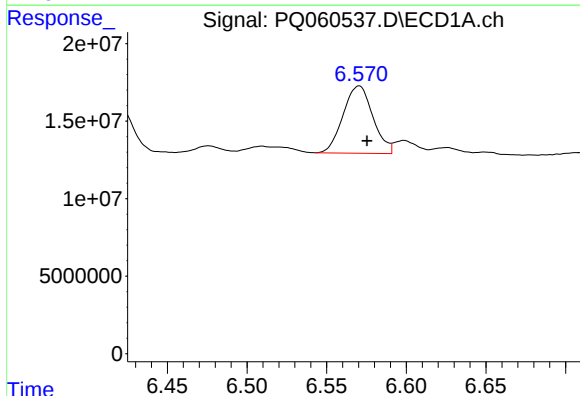
#29 AR-1254-4

R.T.: 6.160 min
Delta R.T.: -0.006 min
Response: 53265251
Conc: 53.71 ng/ml



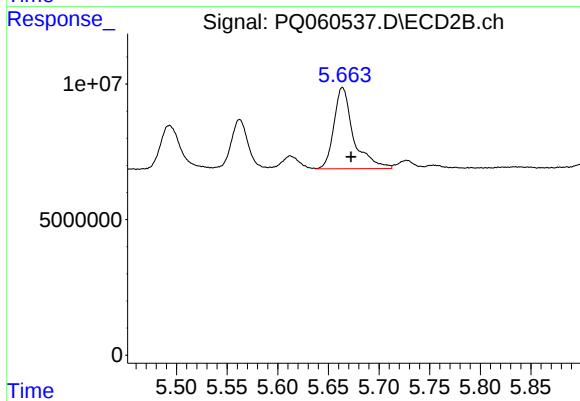
#29 AR-1254-4

R.T.: 5.267 min
Delta R.T.: -0.008 min
Response: 27960845
Conc: 49.94 ng/ml



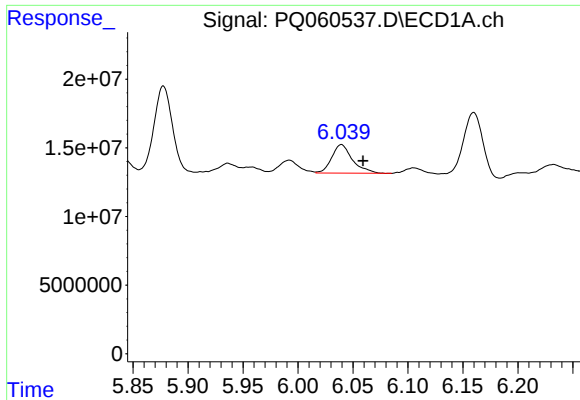
#30 AR-1254-5

R.T.: 6.570 min
Delta R.T.: -0.005 min
Response: 56631961
Conc: 53.95 ng/ml



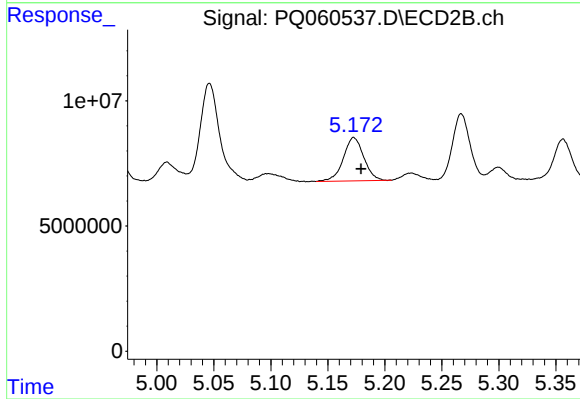
#30 AR-1254-5

R.T.: 5.664 min
Delta R.T.: -0.008 min
Response: 40466876
Conc: 49.93 ng/ml



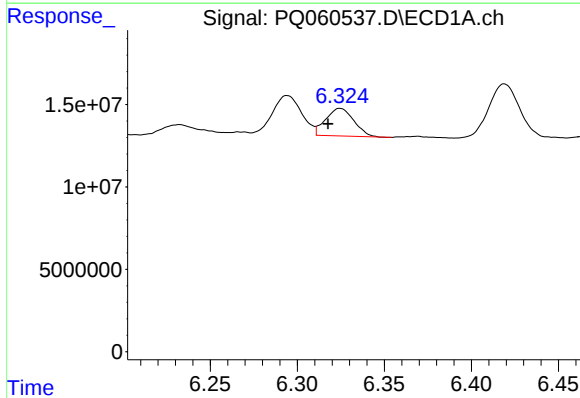
#31 AR-1260-1

R.T.: 6.039 min
Delta R.T.: -0.020 min
Response: 27308797
Conc: 26.07 ng/ml



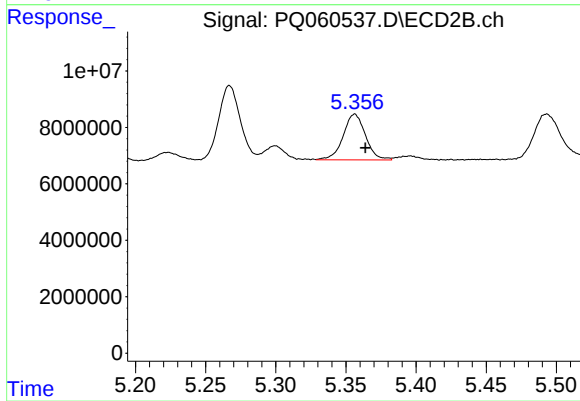
#31 AR-1260-1

R.T.: 5.173 min
Delta R.T.: -0.006 min
Response: 21695569
Conc: 35.33 ng/ml



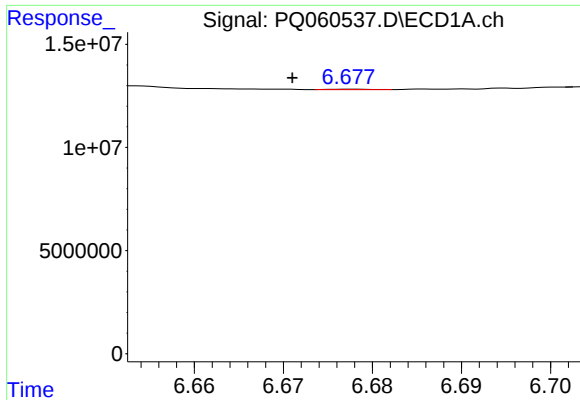
#32 AR-1260-2

R.T.: 6.325 min
Delta R.T.: 0.007 min
Response: 18844089
Conc: 15.20 ng/ml



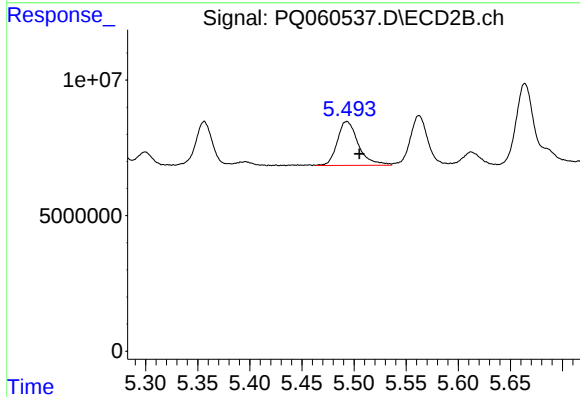
#32 AR-1260-2

R.T.: 5.356 min
Delta R.T.: -0.008 min
Response: 18023676
Conc: 24.17 ng/ml



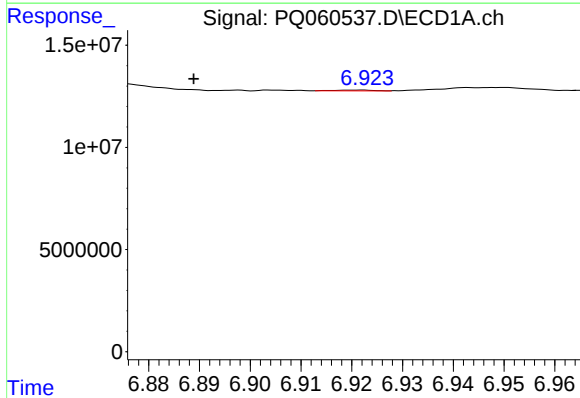
#33 AR-1260-3

R.T.: 6.678 min
Delta R.T.: 0.007 min
Response: 67174
Conc: 0.08 ng/ml



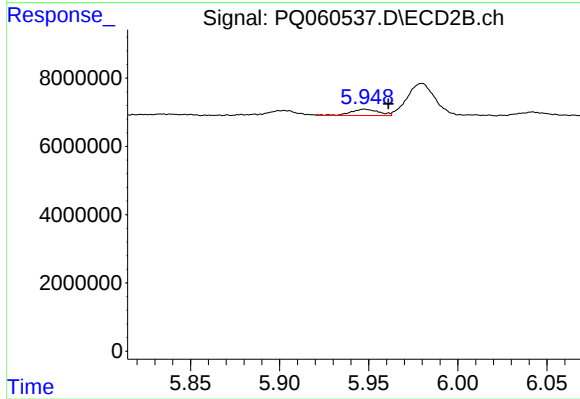
#33 AR-1260-3

R.T.: 5.493 min
Delta R.T.: -0.012 min
Response: 22805673
Conc: 31.38 ng/ml



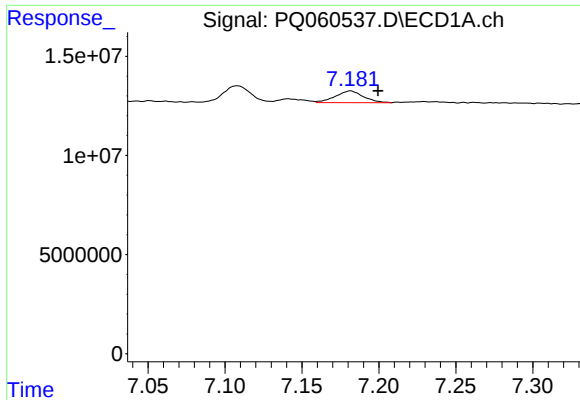
#34 AR-1260-4

R.T.: 6.921 min
Delta R.T.: 0.033 min
Response: 224040
Conc: 0.23 ng/ml



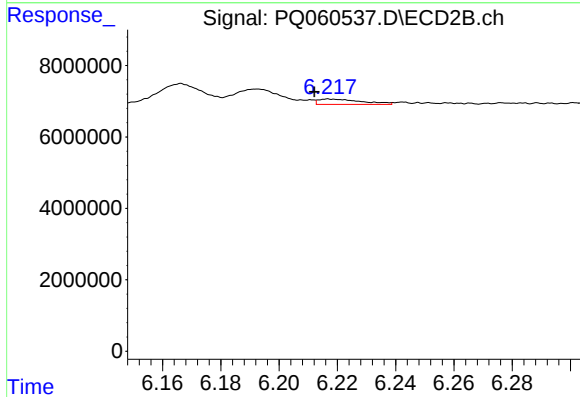
#34 AR-1260-4

R.T.: 5.948 min
Delta R.T.: -0.013 min
Response: 2058638
Conc: 3.49 ng/ml



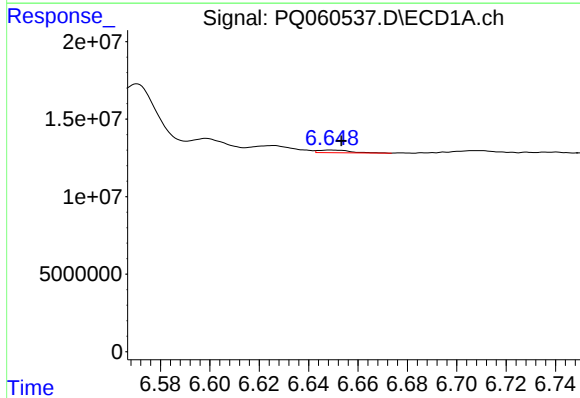
#35 AR-1260-5

R.T.: 7.182 min
Delta R.T.: -0.018 min
Response: 7461782
Conc: 3.84 ng/ml



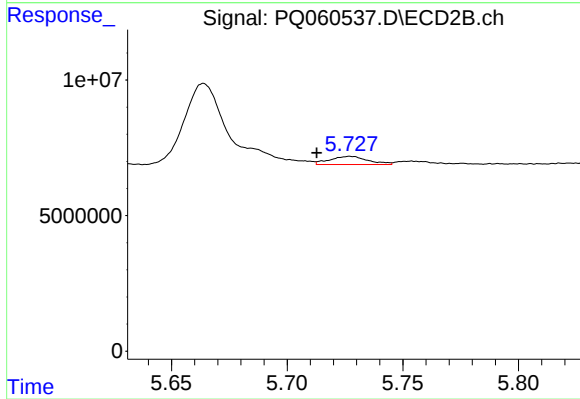
#35 AR-1260-5

R.T.: 6.217 min
Delta R.T.: 0.005 min
Response: 1535440
Conc: 1.12 ng/ml



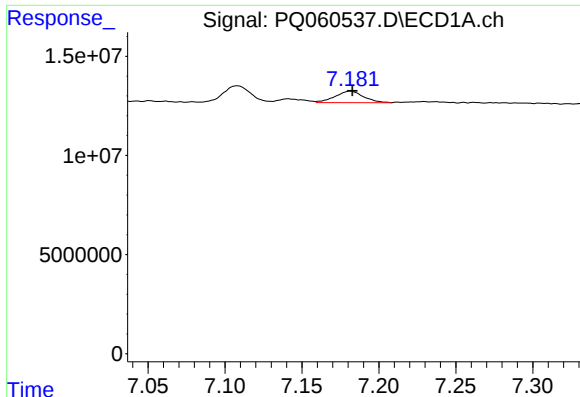
#36 AR-1262-1

R.T.: 6.649 min
Delta R.T.: -0.005 min
Response: 1561925
Conc: 1.36 ng/ml



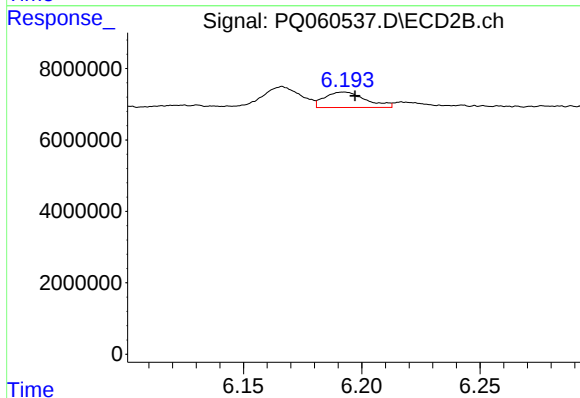
#36 AR-1262-1

R.T.: 5.727 min
Delta R.T.: 0.014 min
Response: 3471482
Conc: 4.44 ng/ml



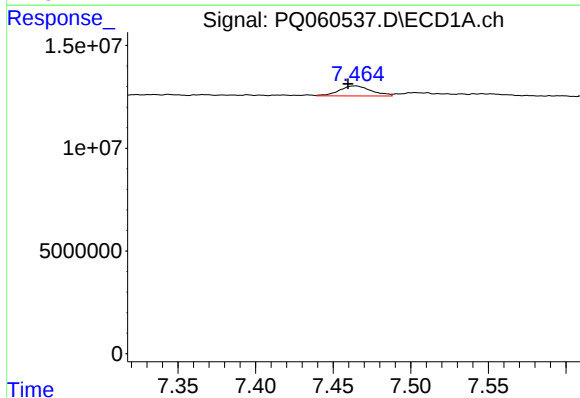
#37 AR-1262-2

R.T.: 7.182 min
Delta R.T.: -0.001 min
Response: 7461782
Conc: 3.72 ng/ml



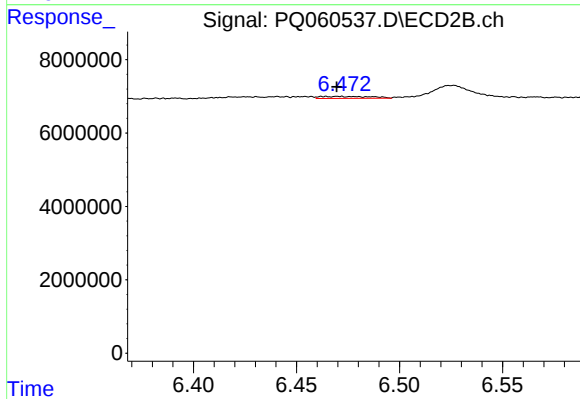
#37 AR-1262-2

R.T.: 6.193 min
Delta R.T.: -0.005 min
Response: 5207761
Conc: 3.67 ng/ml



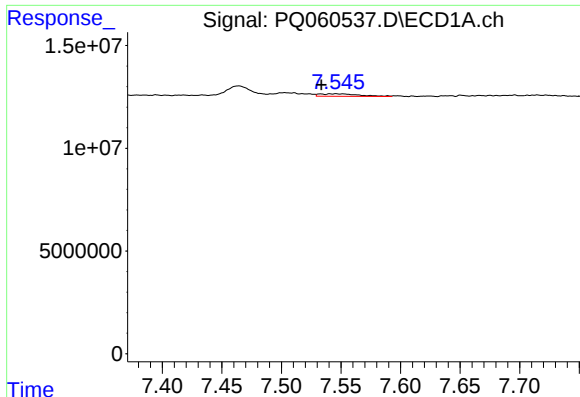
#38 AR-1262-3

R.T.: 7.464 min
Delta R.T.: 0.004 min
Response: 7082882
Conc: 5.41 ng/ml



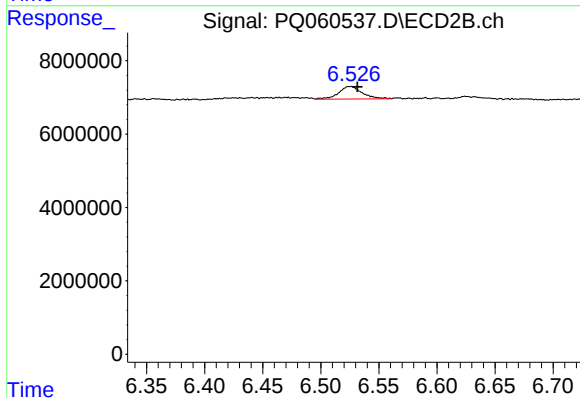
#38 AR-1262-3

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 941370
Conc: 1.66 ng/ml



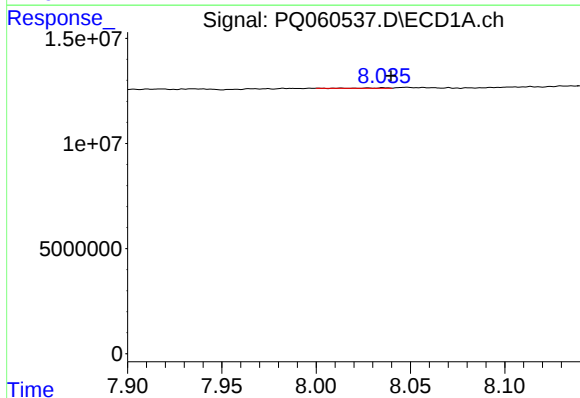
#39 AR-1262-4

R.T.: 7.546 min
Delta R.T.: 0.012 min
Response: 2872598
Conc: 2.81 ng/ml



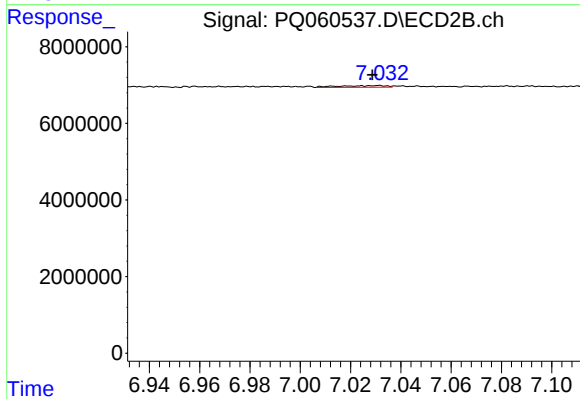
#39 AR-1262-4

R.T.: 6.525 min
Delta R.T.: -0.006 min
Response: 4910728
Conc: 4.60 ng/ml



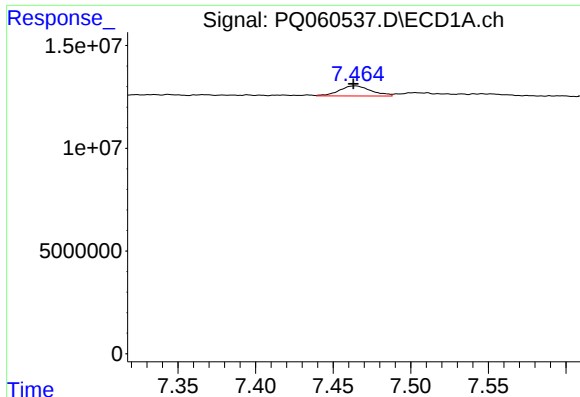
#40 AR-1262-5

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 134905
Conc: 0.21 ng/ml



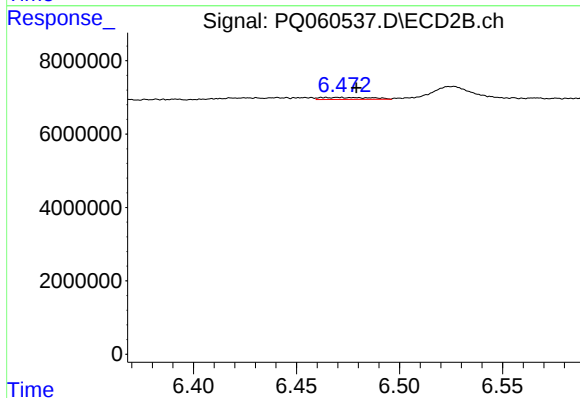
#40 AR-1262-5

R.T.: 7.031 min
Delta R.T.: 0.002 min
Response: 584751
Conc: 1.13 ng/ml



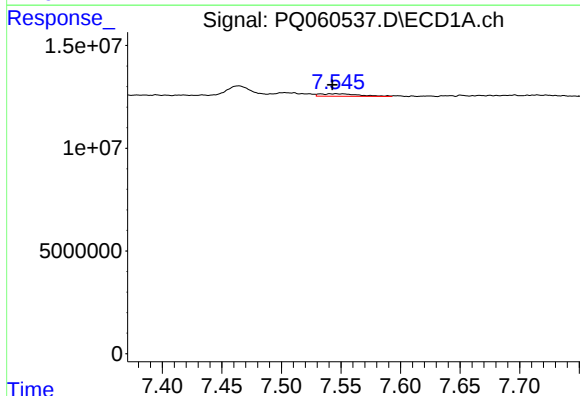
#41 AR-1268-1

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 7082882
Conc: 3.10 ng/ml



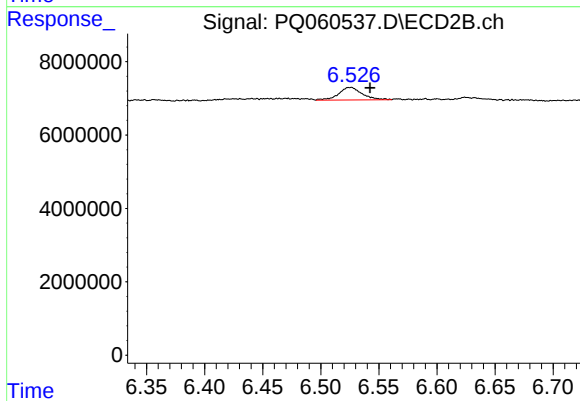
#41 AR-1268-1

R.T.: 6.470 min
Delta R.T.: -0.009 min
Response: 941370
Conc: 0.56 ng/ml



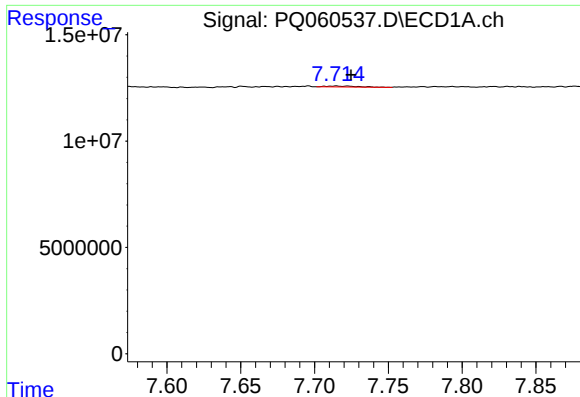
#42 AR-1268-2

R.T.: 7.546 min
Delta R.T.: 0.003 min
Response: 2872598
Conc: 1.35 ng/ml



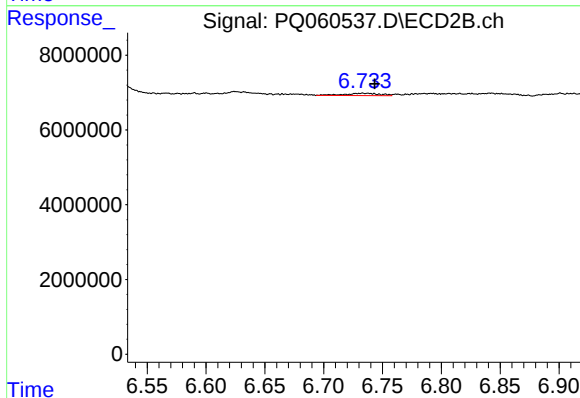
#42 AR-1268-2

R.T.: 6.525 min
Delta R.T.: -0.017 min
Response: 4910728
Conc: 3.16 ng/ml



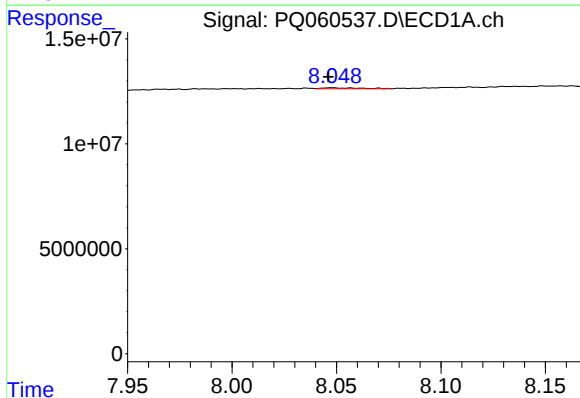
#43 AR-1268-3

R.T.: 7.715 min
Delta R.T.: -0.010 min
Response: 649451
Conc: 0.37 ng/ml



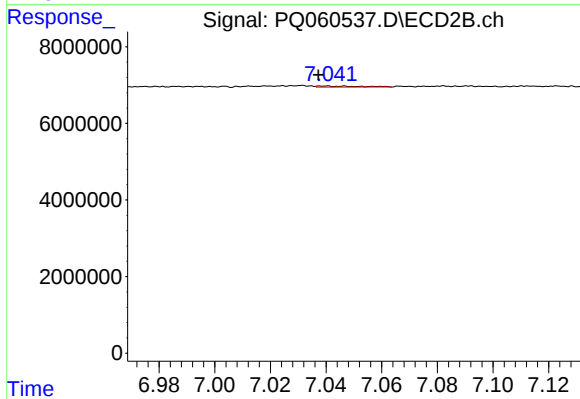
#43 AR-1268-3

R.T.: 6.733 min
Delta R.T.: -0.010 min
Response: 1280351
Conc: 0.94 ng/ml



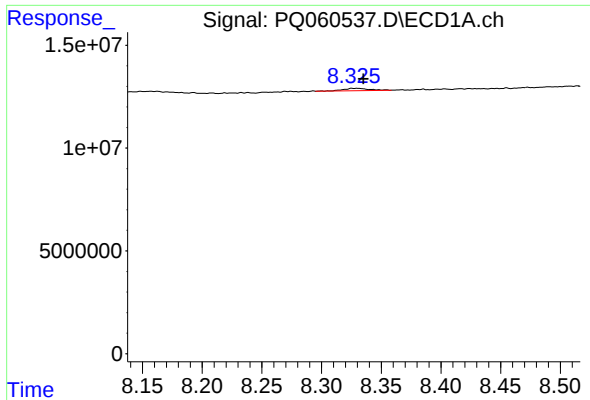
#44 AR-1268-4

R.T.: 8.048 min
Delta R.T.: 0.002 min
Response: 600909
Conc: 0.81 ng/ml



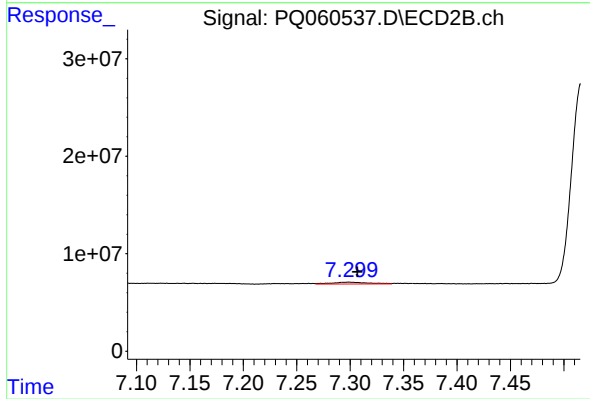
#44 AR-1268-4

R.T.: 7.040 min
Delta R.T.: 0.002 min
Response: 308655
Conc: 0.52 ng/ml



#45 AR-1268-5

R.T.: 8.330 min
Delta R.T.: -0.005 min
Response: 1751488
Conc: 0.34 ng/ml



#45 AR-1268-5

R.T.: 7.299 min
Delta R.T.: -0.008 min
Response: 4626965
Conc: 1.08 ng/ml