

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022723\
 Data File : PQ060536.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2023 21:28
 Operator : YP\AJ
 Sample : 01627-07
 Misc : AR1248 LOD 40 PPB
 ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 23:37:17 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...	3.434	2.796	499.2E6	263.8E6	21.695	23.450
2)	SA Decachlor...	8.563	7.521	304.2E6	251.5E6	22.435	23.434
Target Compounds							
3)	L1 AR-1016-1	4.534	3.801	33188547	12706015	41.749	32.568
4)	L1 AR-1016-2	4.534	3.801	33188547	12706015	27.733	21.539
5)	L1 AR-1016-3	4.590	3.960	17991995	8208896	24.278	26.110
6)	L1 AR-1016-4	4.680	4.005	14362790	16982051	23.154	69.278 #
7)	L1 AR-1016-5	4.961	4.197	39650866	20917549	67.397	65.497
8)	L2 AR-1221-1	3.648	2.989	379383	543277	1.584	4.833 #
9)	L2 AR-1221-2	3.708	3.064	8215983	3755416	47.003	45.113
10)	L2 AR-1221-3	3.780	3.140	2563244	1759599	4.900	6.810 #
11)	L3 AR-1232-1	3.780	3.140	2563244	1759599	4.882	6.573 #
12)	L3 AR-1232-2	4.262	3.801	11916828	12706015	44.622	47.313
13)	L3 AR-1232-3	4.534	3.960	33188547	8208896	60.857	58.945
14)	L3 AR-1232-4	4.680	4.041	14362790	16916769	53.162	142.539 #
15)	L3 AR-1232-5	4.773	4.197	32494705	20917549	174.078	153.499
16)	L4 AR-1242-1	4.515	3.785	25031361	11615486	40.537	36.122
17)	L4 AR-1242-2	4.534	3.801	33188547	12706015	35.347	26.521
18)	L4 AR-1242-3	4.590	3.960	17991995	8208896	31.148	31.665
19)	L4 AR-1242-4	4.680	4.041	14362790	16916769	29.455	70.677 #
20)	L4 AR-1242-5	5.380	4.527	41670123	28110376	83.553	91.045
21)	L5 AR-1248-1	4.515	3.785	25031361	11615486	52.499	47.420
22)	L5 AR-1248-2	4.773	4.005	32494705	16982051	52.247	49.315
23)	L5 AR-1248-3	4.961	4.041	39650866	16916769	52.318	48.523
24)	L5 AR-1248-4	5.345	4.197	42378496	20917549	50.744	49.425
25)	L5 AR-1248-5	5.380	4.565	41670123	19849135	49.824	46.632
26)	L6 AR-1254-1	5.318	4.527	34241459	28110376	40.935	43.413
27)	L6 AR-1254-2	5.529	4.669	43044243	7839449	33.643	14.231 #
28)	L6 AR-1254-3	5.877	5.045	20846695	8067278	15.345	9.408 #
29)	L6 AR-1254-4	6.163	5.266	17194067	7084000	17.336	12.652 #
30)	L6 AR-1254-5	6.575	5.661	4081657	3212378	3.888	3.963
31)	L7 AR-1260-1	6.041	5.177	2071333	6369791	1.977	10.371 #
32)	L7 AR-1260-2	6.328	5.357	2604660	1219273	2.100	1.635
33)	L7 AR-1260-3	6.692	5.497	469514	6053259	0.525	8.328 #
34)	L7 AR-1260-4	6.849f	5.978	4896765	586474	4.970	0.995 #
35)	L7 AR-1260-5	7.210	6.199	715552	904281	0.368	0.657 #
36)	L8 AR-1262-1	6.646	5.701	695701	420943	0.605	0.538
37)	L8 AR-1262-2	7.180	6.199	1301635	904281	0.649	0.637
38)	L8 AR-1262-3	7.464	6.458	1689046	1794896	1.290	3.162 #
39)	L8 AR-1262-4	7.525	6.510	700161	992930	0.685	0.929 #
40)	L8 AR-1262-5	8.042	7.040	1281916	1237812	1.971	2.390
41)	L9 AR-1268-1	7.464	6.458	1689046	1794896	0.739	1.060 #

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Integration File signal 1: autoint1.e
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 Quant Time: Feb 27 23:37:17 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

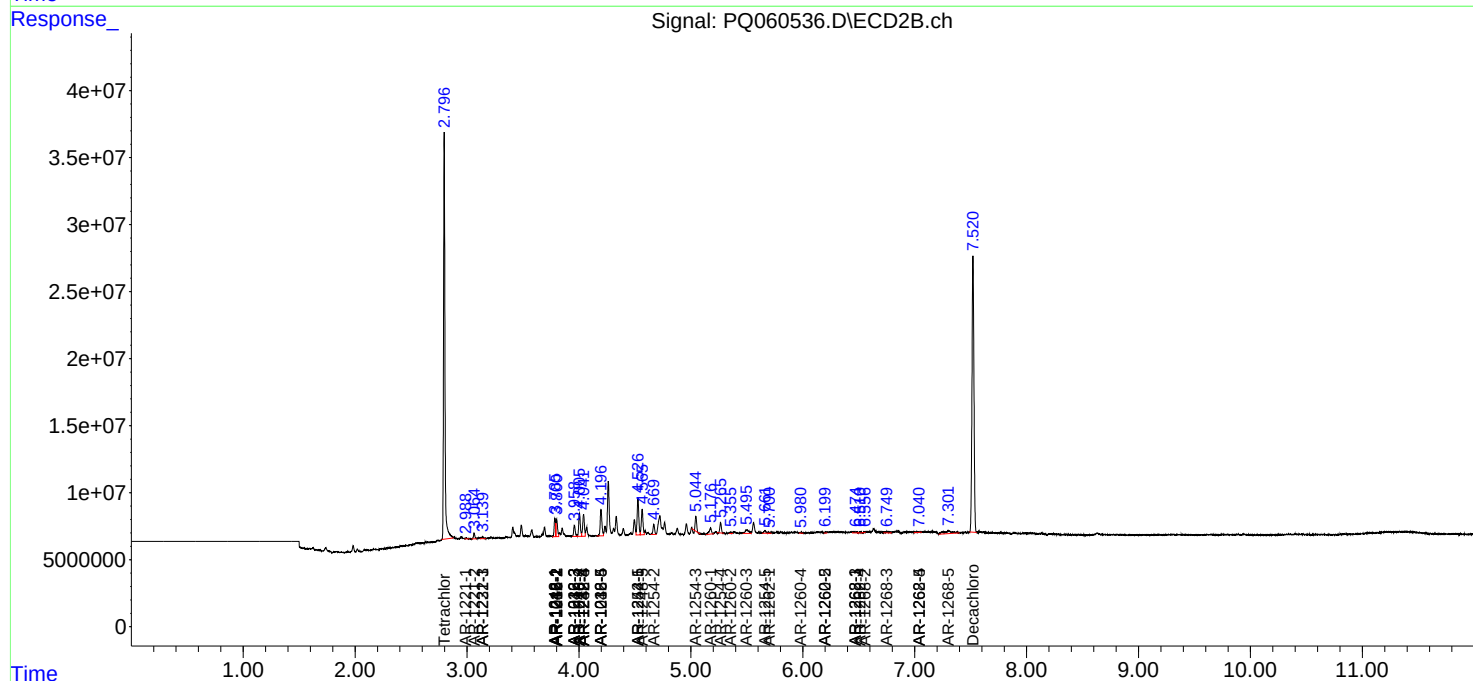
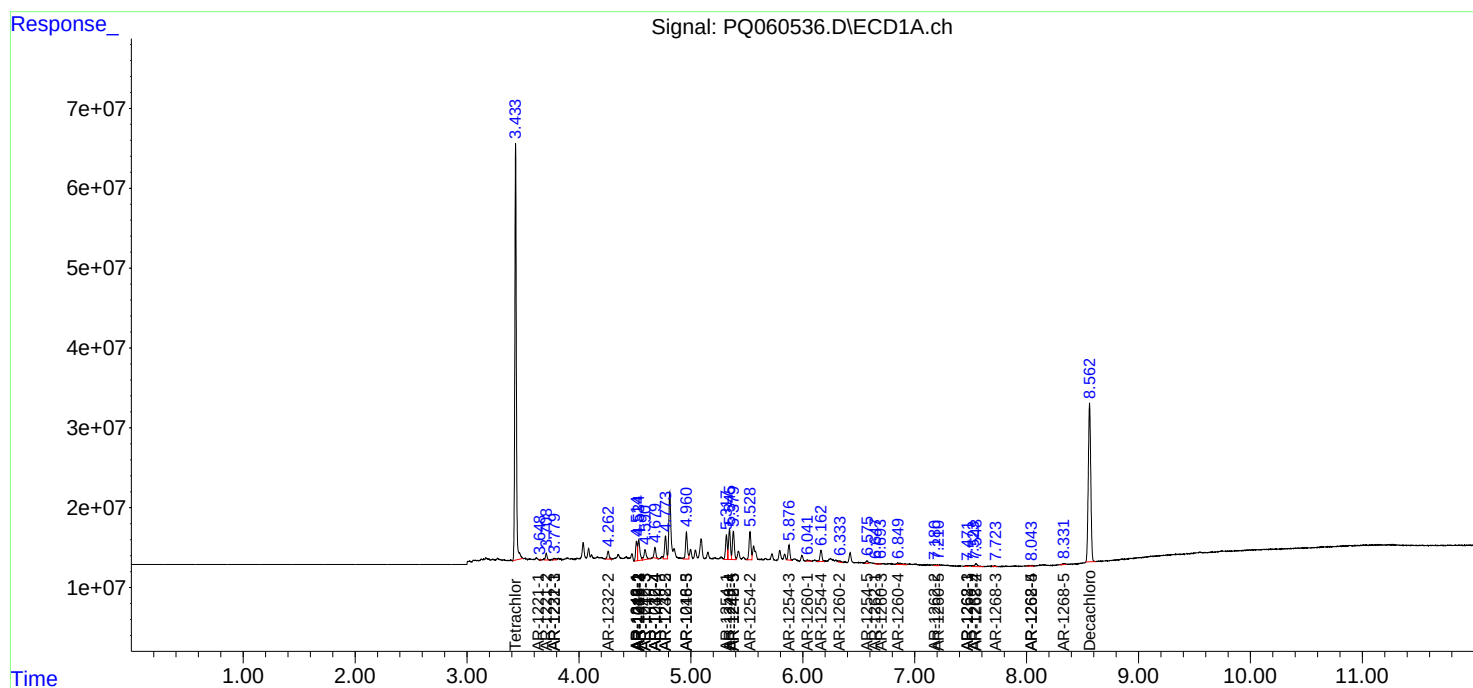
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.549	6.556	6307067	244376	2.971	0.157 #
43) L9	AR-1268-3	7.722	6.749	533857	2698737	0.307	1.983 #
44) L9	AR-1268-4	8.042	7.040	1281916	1237812	1.725	2.098
45) L9	AR-1268-5	8.331	7.304	1495731	11397178	0.290	2.672 #

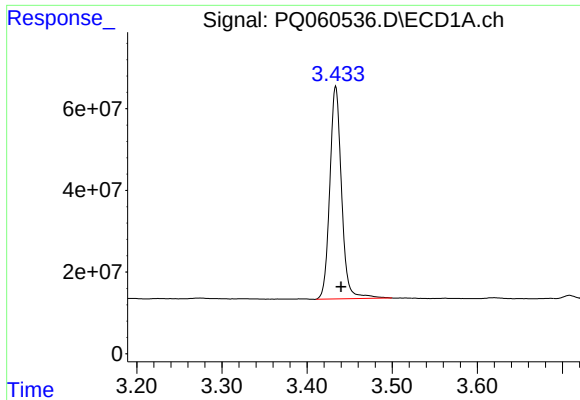
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Integration File signal 1: autoint1.e
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Quant Time: Feb 27 23:37:17 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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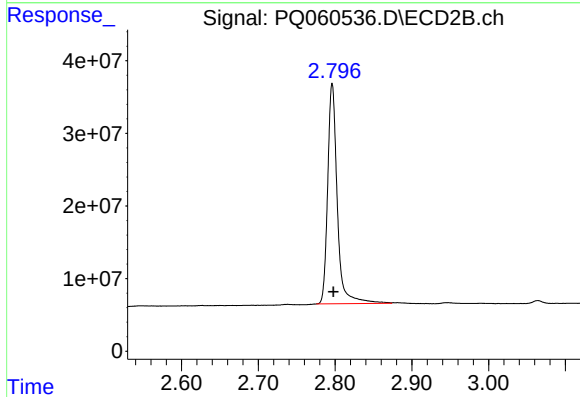
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





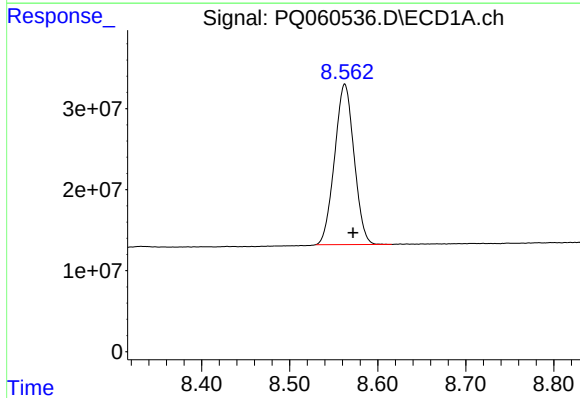
#1 Tetrachloro-m-xylene

R.T.: 3.434 min
Delta R.T.: -0.006 min
Response: 499209234
Conc: 21.70 ng/ml



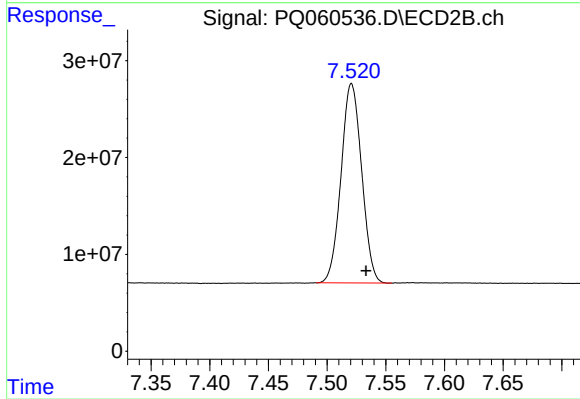
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: -0.002 min
Response: 263812857
Conc: 23.45 ng/ml



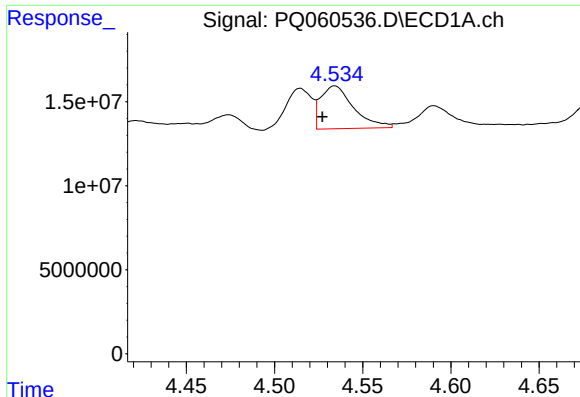
#2 Decachlorobiphenyl

R.T.: 8.563 min
Delta R.T.: -0.009 min
Response: 304195624
Conc: 22.43 ng/ml



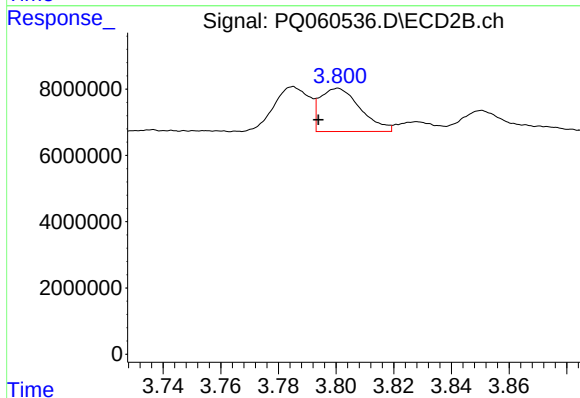
#2 Decachlorobiphenyl

R.T.: 7.521 min
Delta R.T.: -0.012 min
Response: 251498421
Conc: 23.43 ng/ml



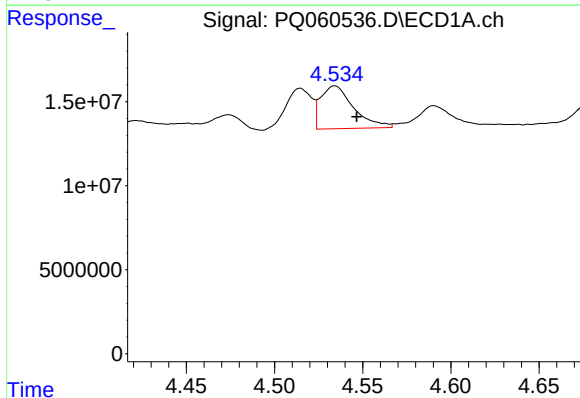
#3 AR-1016-1

R.T.: 4.534 min
Delta R.T.: 0.007 min
Response: 33188547
Conc: 41.75 ng/ml



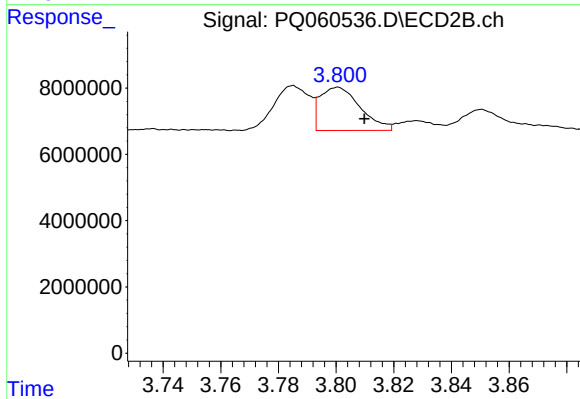
#3 AR-1016-1

R.T.: 3.801 min
Delta R.T.: 0.007 min
Response: 12706015
Conc: 32.57 ng/ml



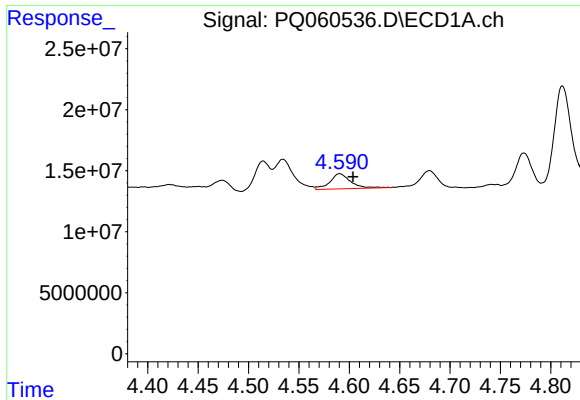
#4 AR-1016-2

R.T.: 4.534 min
Delta R.T.: -0.012 min
Response: 33188547
Conc: 27.73 ng/ml



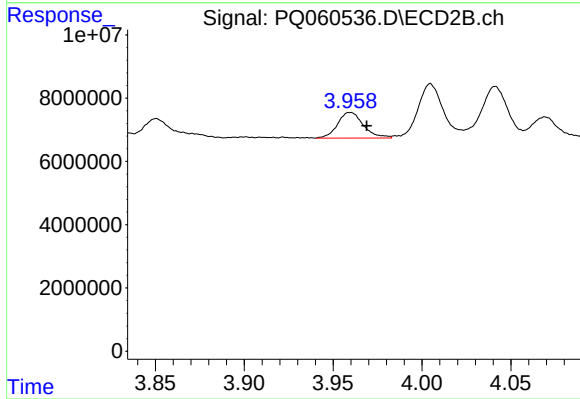
#4 AR-1016-2

R.T.: 3.801 min
Delta R.T.: -0.009 min
Response: 12706015
Conc: 21.54 ng/ml



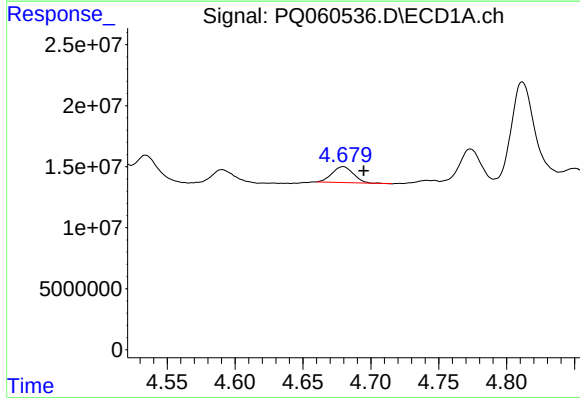
#5 AR-1016-3

R.T.: 4.590 min
Delta R.T.: -0.013 min
Response: 17991995
Conc: 24.28 ng/ml



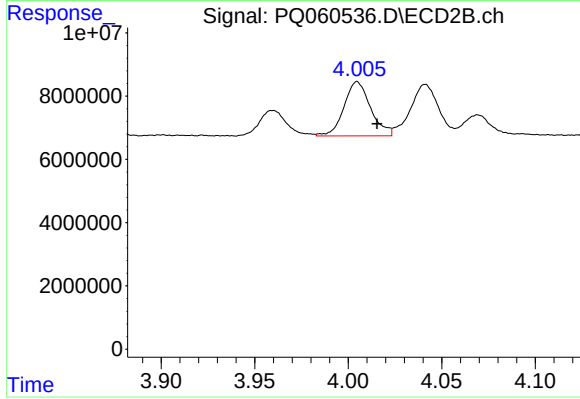
#5 AR-1016-3

R.T.: 3.960 min
Delta R.T.: -0.009 min
Response: 8208896
Conc: 26.11 ng/ml



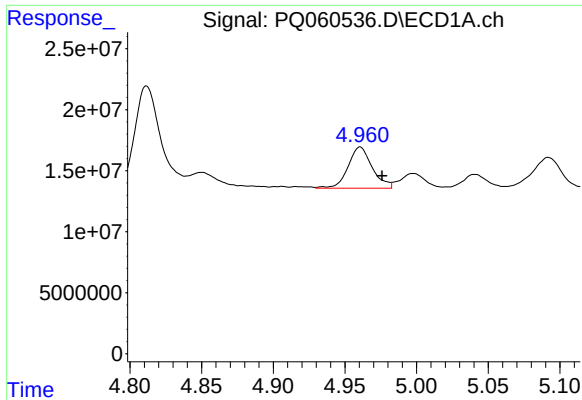
#6 AR-1016-4

R.T.: 4.680 min
Delta R.T.: -0.015 min
Response: 14362790
Conc: 23.15 ng/ml



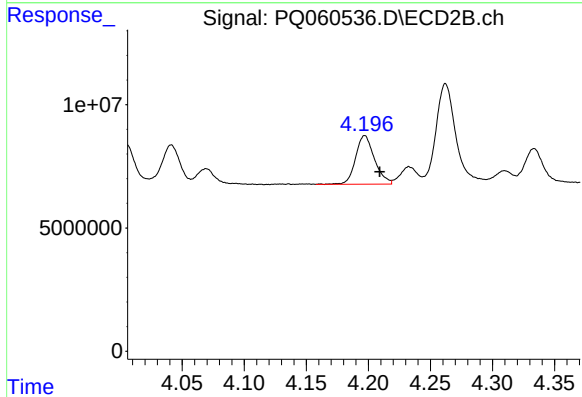
#6 AR-1016-4

R.T.: 4.005 min
Delta R.T.: -0.011 min
Response: 16982051
Conc: 69.28 ng/ml



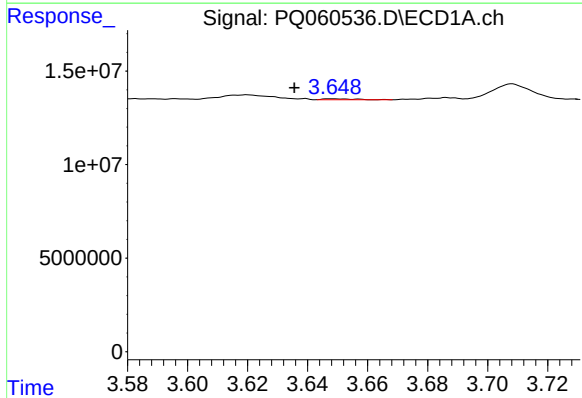
#7 AR-1016-5

R.T.: 4.961 min
Delta R.T.: -0.015 min
Response: 39650866
Conc: 67.40 ng/ml



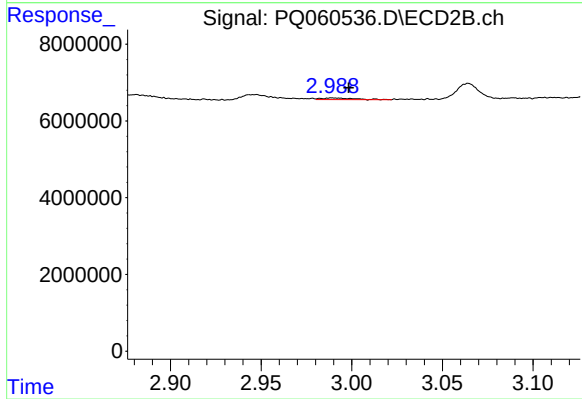
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: -0.012 min
Response: 20917549
Conc: 65.50 ng/ml



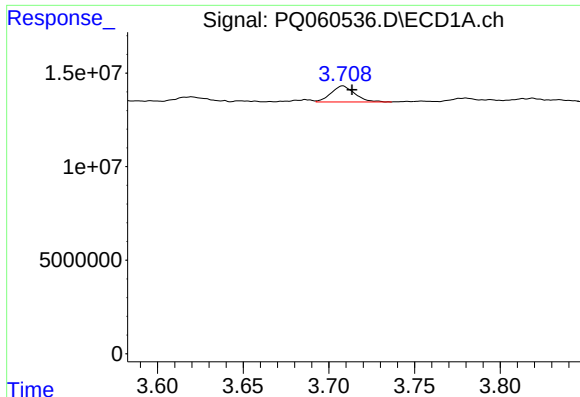
#8 AR-1221-1

R.T.: 3.648 min
Delta R.T.: 0.013 min
Response: 379383
Conc: 1.58 ng/ml



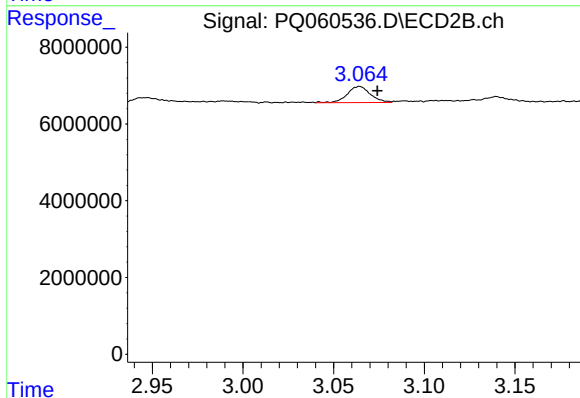
#8 AR-1221-1

R.T.: 2.989 min
Delta R.T.: -0.009 min
Response: 543277
Conc: 4.83 ng/ml



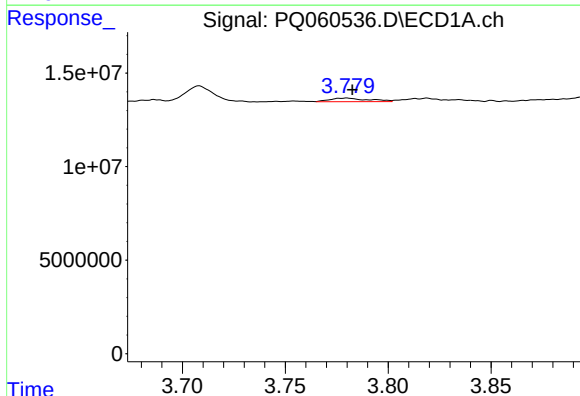
#9 AR-1221-2

R.T.: 3.708 min
Delta R.T.: -0.005 min
Response: 8215983
Conc: 47.00 ng/ml



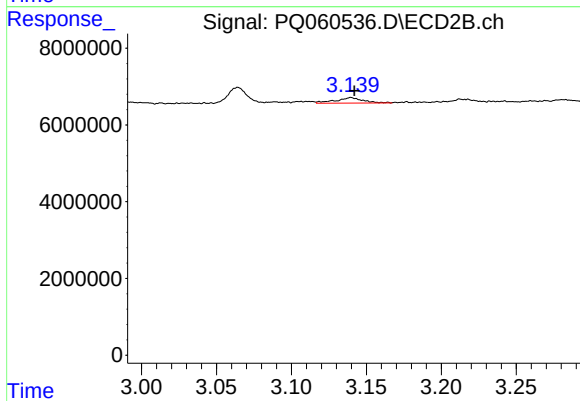
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.010 min
Response: 3755416
Conc: 45.11 ng/ml



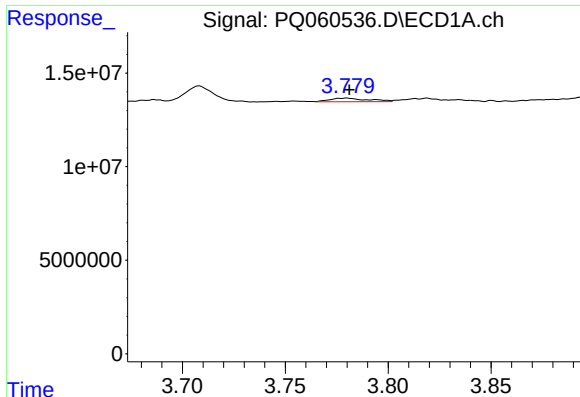
#10 AR-1221-3

R.T.: 3.780 min
Delta R.T.: -0.003 min
Response: 2563244
Conc: 4.90 ng/ml



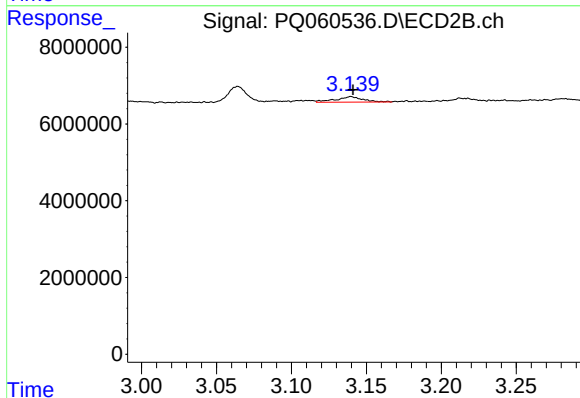
#10 AR-1221-3

R.T.: 3.140 min
Delta R.T.: -0.002 min
Response: 1759599
Conc: 6.81 ng/ml



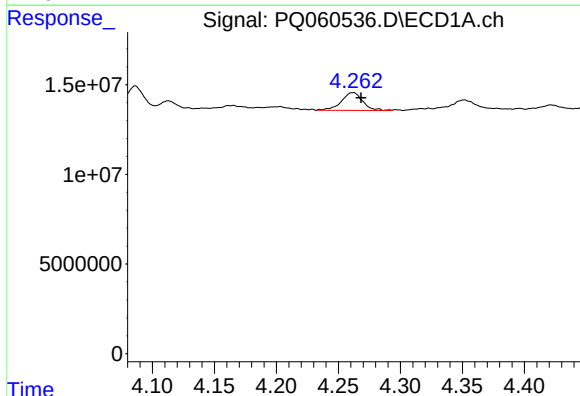
#11 AR-1232-1

R.T.: 3.780 min
Delta R.T.: -0.001 min
Response: 2563244
Conc: 4.88 ng/ml



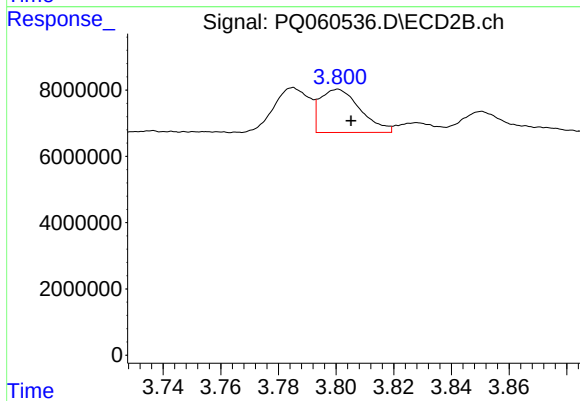
#11 AR-1232-1

R.T.: 3.140 min
Delta R.T.: -0.001 min
Response: 1759599
Conc: 6.57 ng/ml



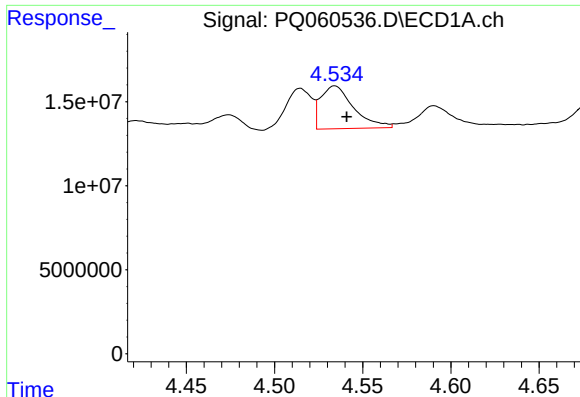
#12 AR-1232-2

R.T.: 4.262 min
Delta R.T.: -0.006 min
Response: 11916828
Conc: 44.62 ng/ml



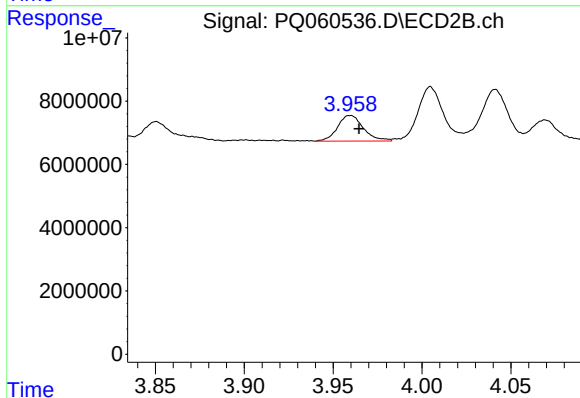
#12 AR-1232-2

R.T.: 3.801 min
Delta R.T.: -0.005 min
Response: 12706015
Conc: 47.31 ng/ml



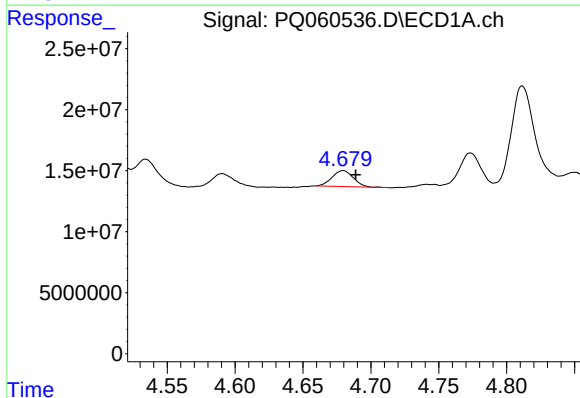
#13 AR-1232-3

R.T.: 4.534 min
Delta R.T.: -0.007 min
Response: 33188547
Conc: 60.86 ng/ml



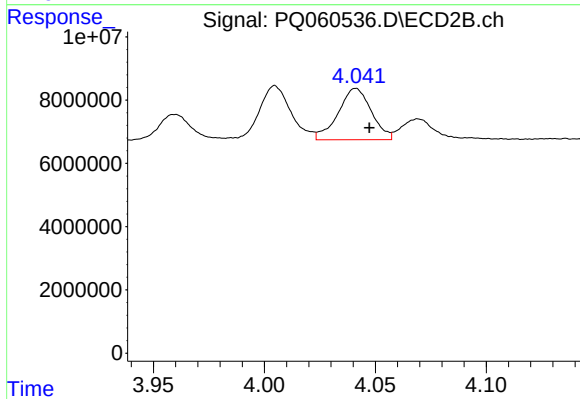
#13 AR-1232-3

R.T.: 3.960 min
Delta R.T.: -0.005 min
Response: 8208896
Conc: 58.94 ng/ml



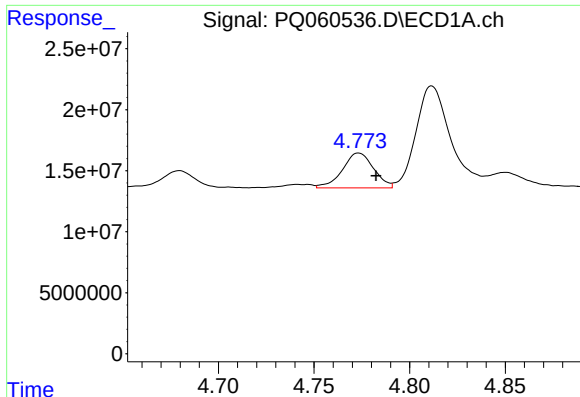
#14 AR-1232-4

R.T.: 4.680 min
Delta R.T.: -0.009 min
Response: 14362790
Conc: 53.16 ng/ml



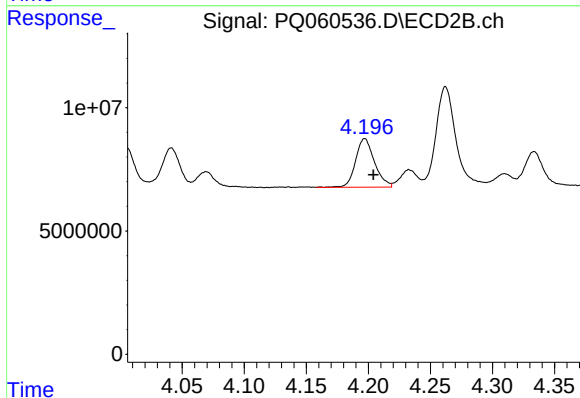
#14 AR-1232-4

R.T.: 4.041 min
Delta R.T.: -0.006 min
Response: 16916769
Conc: 142.54 ng/ml



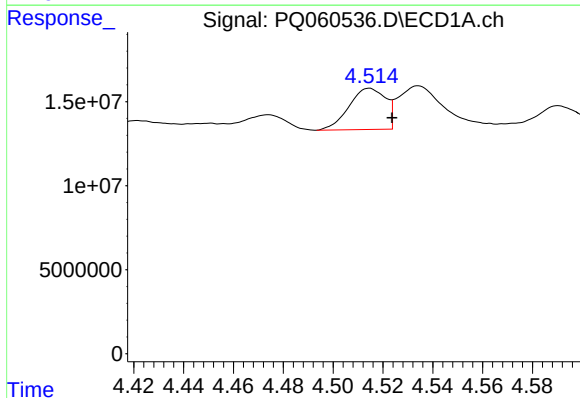
#15 AR-1232-5

R.T.: 4.773 min
Delta R.T.: -0.009 min
Response: 32494705
Conc: 174.08 ng/ml



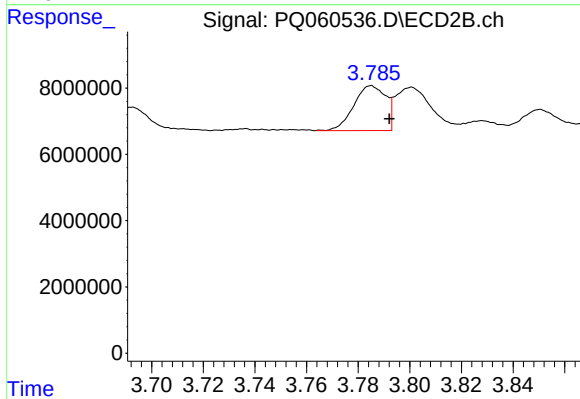
#15 AR-1232-5

R.T.: 4.197 min
Delta R.T.: -0.007 min
Response: 20917549
Conc: 153.50 ng/ml



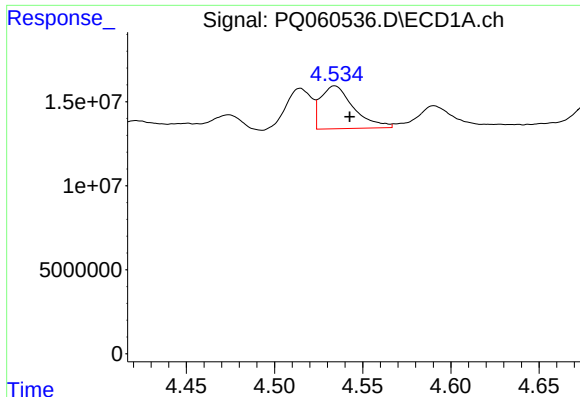
#16 AR-1242-1

R.T.: 4.515 min
Delta R.T.: -0.009 min
Response: 25031361
Conc: 40.54 ng/ml



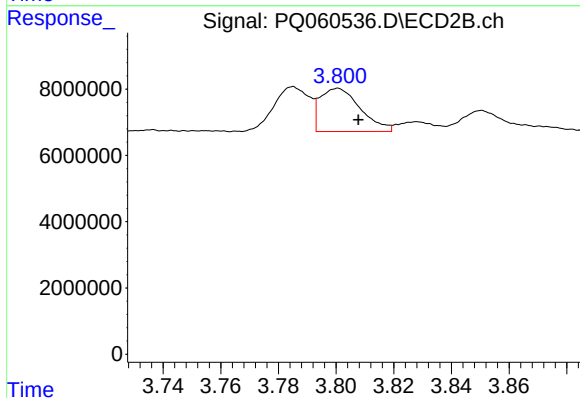
#16 AR-1242-1

R.T.: 3.785 min
Delta R.T.: -0.007 min
Response: 11615486
Conc: 36.12 ng/ml



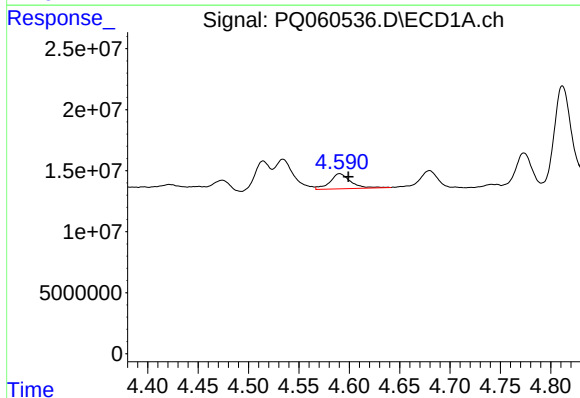
#17 AR-1242-2

R.T.: 4.534 min
Delta R.T.: -0.008 min
Response: 33188547
Conc: 35.35 ng/ml



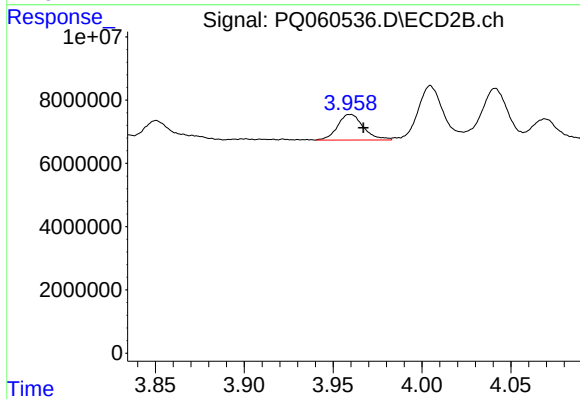
#17 AR-1242-2

R.T.: 3.801 min
Delta R.T.: -0.007 min
Response: 12706015
Conc: 26.52 ng/ml



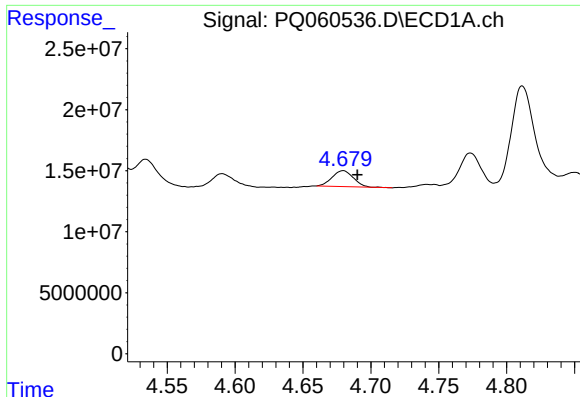
#18 AR-1242-3

R.T.: 4.590 min
Delta R.T.: -0.009 min
Response: 17991995
Conc: 31.15 ng/ml



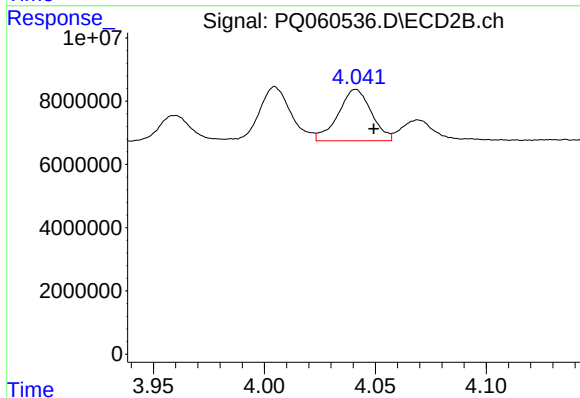
#18 AR-1242-3

R.T.: 3.960 min
Delta R.T.: -0.007 min
Response: 8208896
Conc: 31.66 ng/ml



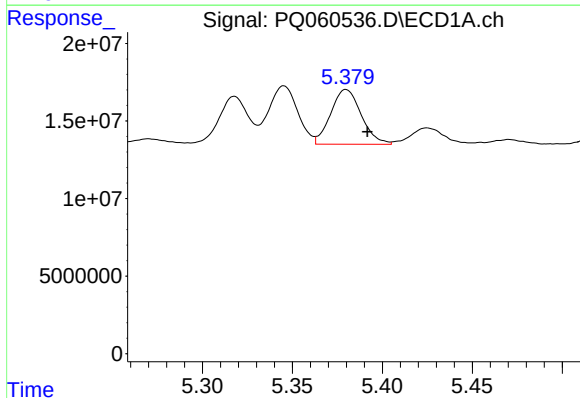
#19 AR-1242-4

R.T.: 4.680 min
Delta R.T.: -0.010 min
Response: 14362790
Conc: 29.46 ng/ml



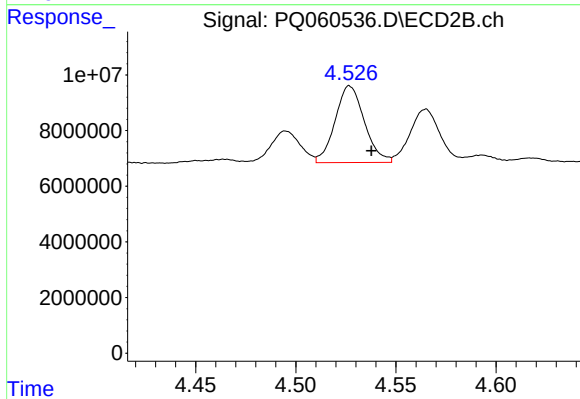
#19 AR-1242-4

R.T.: 4.041 min
Delta R.T.: -0.008 min
Response: 16916769
Conc: 70.68 ng/ml



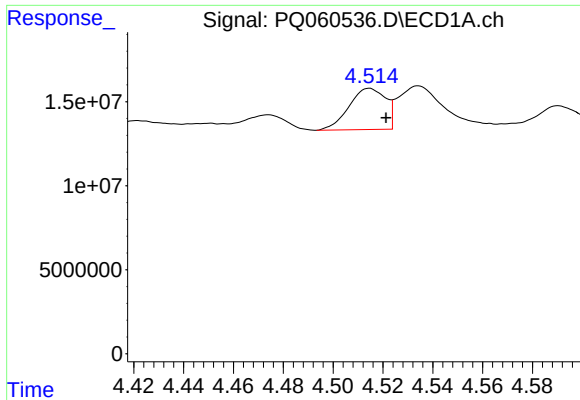
#20 AR-1242-5

R.T.: 5.380 min
Delta R.T.: -0.012 min
Response: 41670123
Conc: 83.55 ng/ml



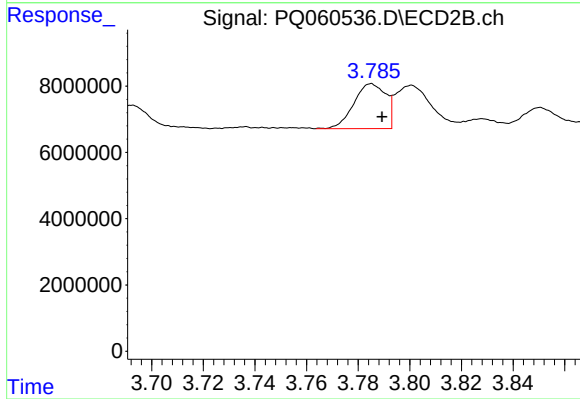
#20 AR-1242-5

R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 28110376
Conc: 91.05 ng/ml



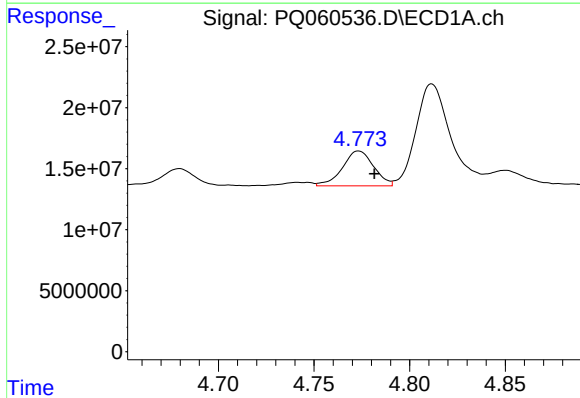
#21 AR-1248-1

R.T.: 4.515 min
Delta R.T.: -0.007 min
Response: 25031361
Conc: 52.50 ng/ml



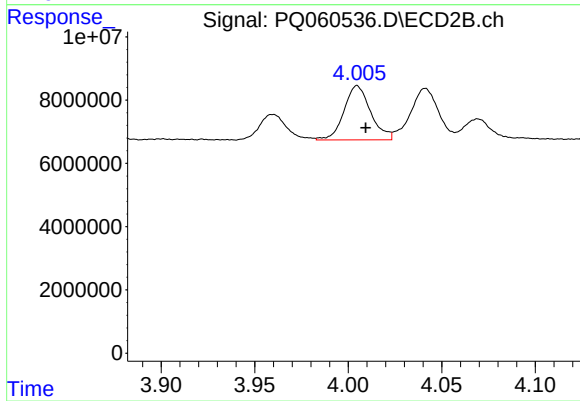
#21 AR-1248-1

R.T.: 3.785 min
Delta R.T.: -0.004 min
Response: 11615486
Conc: 47.42 ng/ml



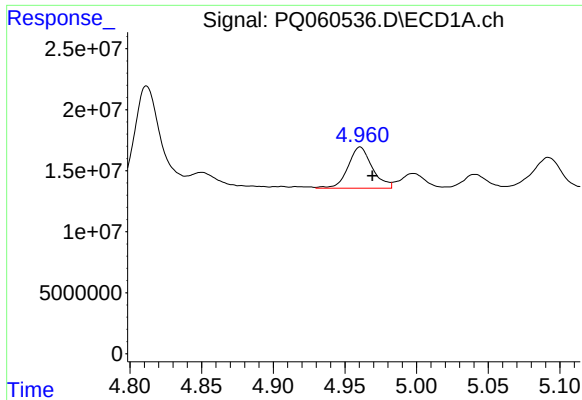
#22 AR-1248-2

R.T.: 4.773 min
Delta R.T.: -0.008 min
Response: 32494705
Conc: 52.25 ng/ml



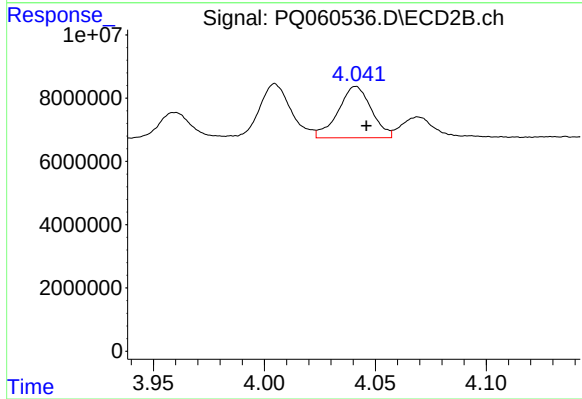
#22 AR-1248-2

R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 16982051
Conc: 49.31 ng/ml



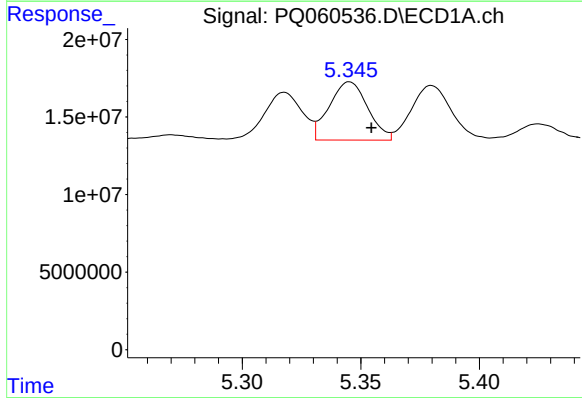
#23 AR-1248-3

R.T.: 4.961 min
Delta R.T.: -0.009 min
Response: 39650866
Conc: 52.32 ng/ml



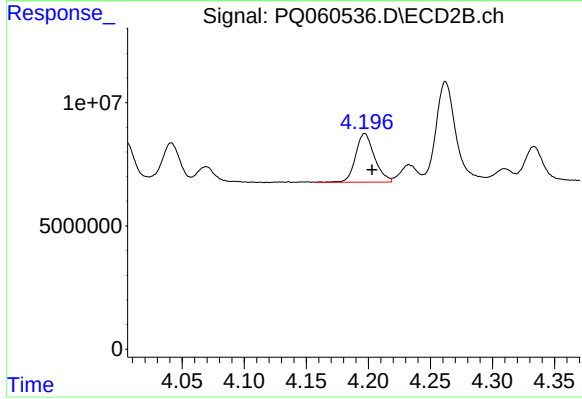
#23 AR-1248-3

R.T.: 4.041 min
Delta R.T.: -0.005 min
Response: 16916769
Conc: 48.52 ng/ml



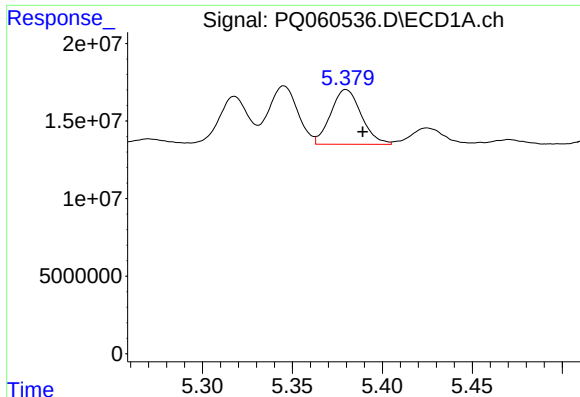
#24 AR-1248-4

R.T.: 5.345 min
Delta R.T.: -0.009 min
Response: 42378496
Conc: 50.74 ng/ml



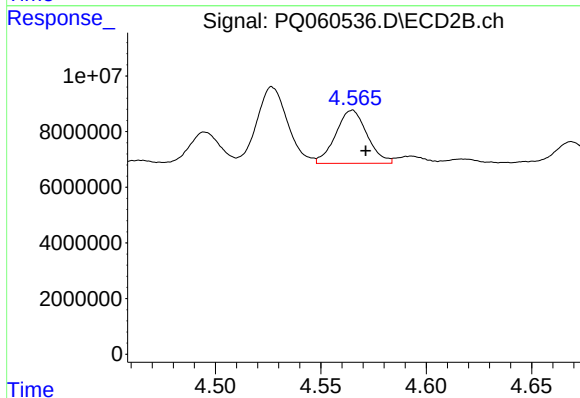
#24 AR-1248-4

R.T.: 4.197 min
Delta R.T.: -0.006 min
Response: 20917549
Conc: 49.42 ng/ml



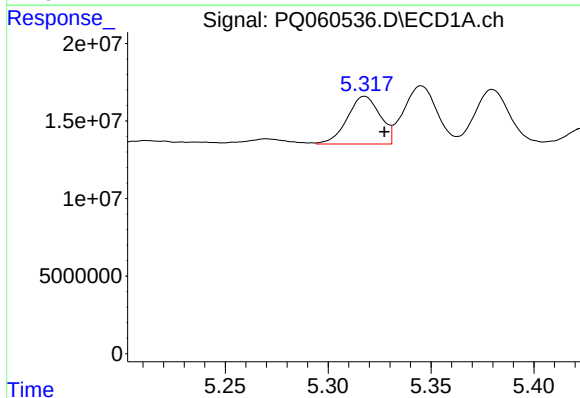
#25 AR-1248-5

R.T.: 5.380 min
Delta R.T.: -0.009 min
Response: 41670123
Conc: 49.82 ng/ml



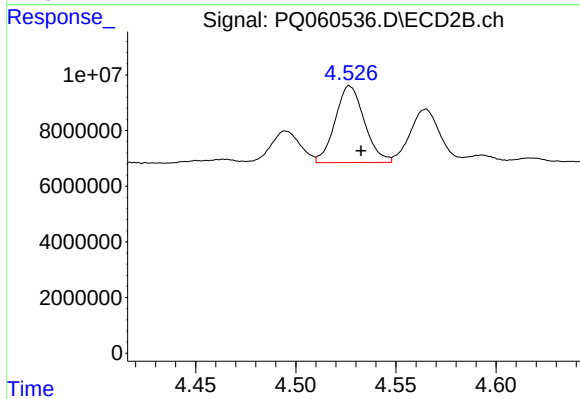
#25 AR-1248-5

R.T.: 4.565 min
Delta R.T.: -0.006 min
Response: 19849135
Conc: 46.63 ng/ml



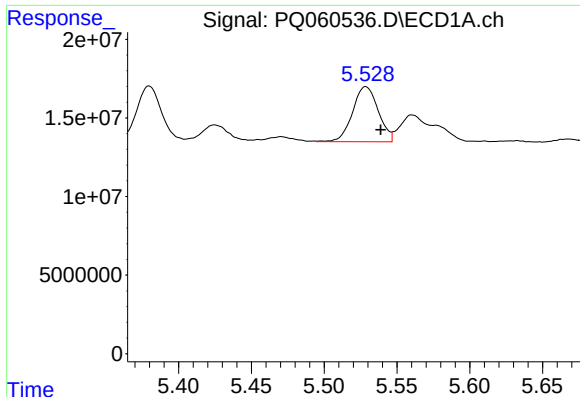
#26 AR-1254-1

R.T.: 5.318 min
Delta R.T.: -0.010 min
Response: 34241459
Conc: 40.93 ng/ml



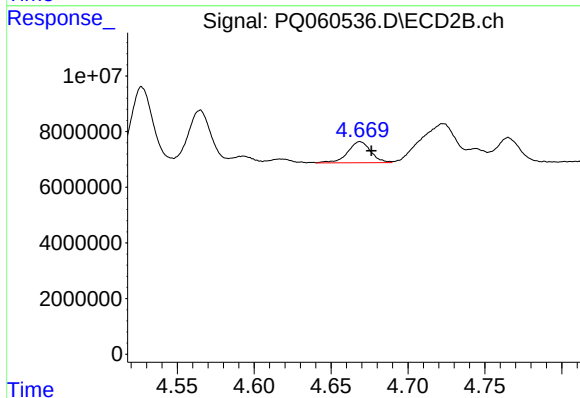
#26 AR-1254-1

R.T.: 4.527 min
Delta R.T.: -0.006 min
Response: 28110376
Conc: 43.41 ng/ml



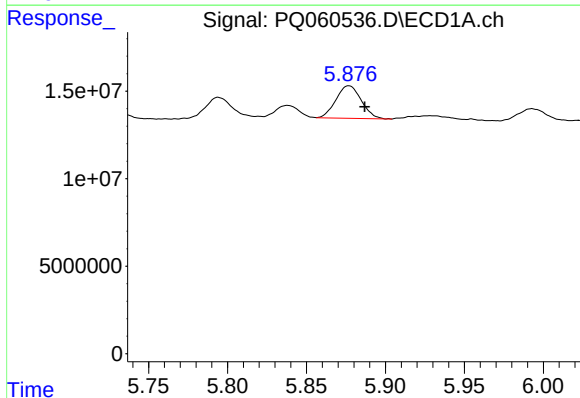
#27 AR-1254-2

R.T.: 5.529 min
Delta R.T.: -0.010 min
Response: 43044243
Conc: 33.64 ng/ml



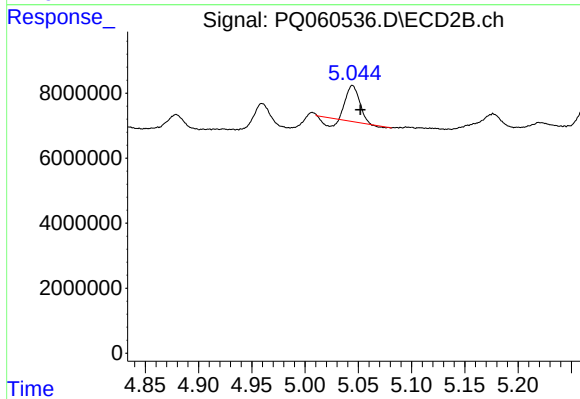
#27 AR-1254-2

R.T.: 4.669 min
Delta R.T.: -0.007 min
Response: 7839449
Conc: 14.23 ng/ml



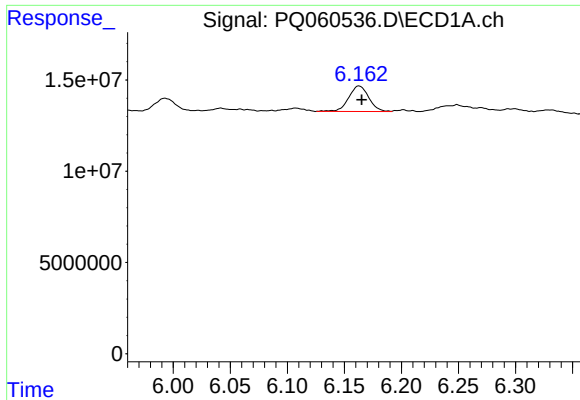
#28 AR-1254-3

R.T.: 5.877 min
Delta R.T.: -0.010 min
Response: 20846695
Conc: 15.34 ng/ml



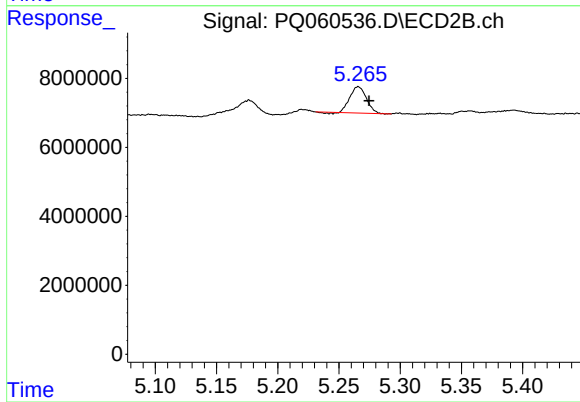
#28 AR-1254-3

R.T.: 5.045 min
Delta R.T.: -0.007 min
Response: 8067278
Conc: 9.41 ng/ml



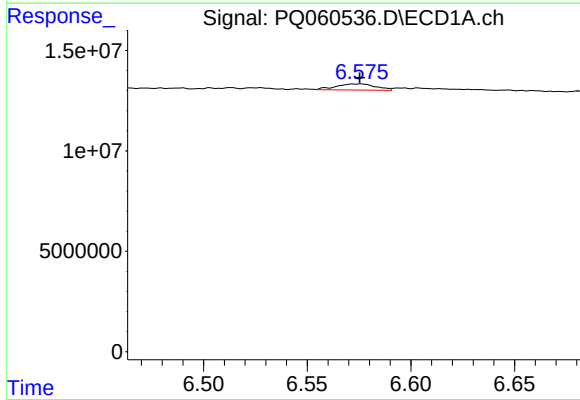
#29 AR-1254-4

R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 17194067
Conc: 17.34 ng/ml



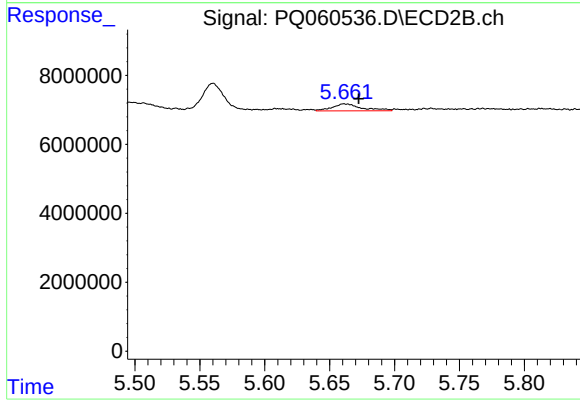
#29 AR-1254-4

R.T.: 5.266 min
Delta R.T.: -0.009 min
Response: 7084000
Conc: 12.65 ng/ml



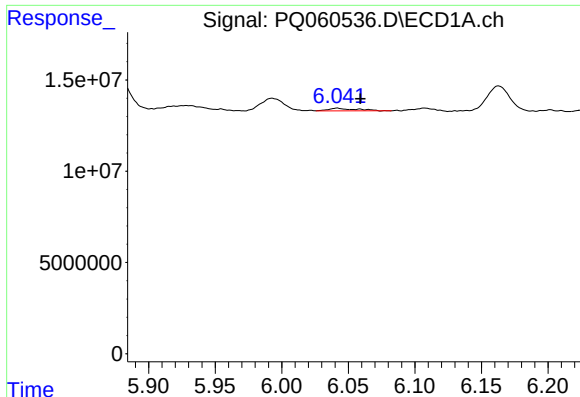
#30 AR-1254-5

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 4081657
Conc: 3.89 ng/ml



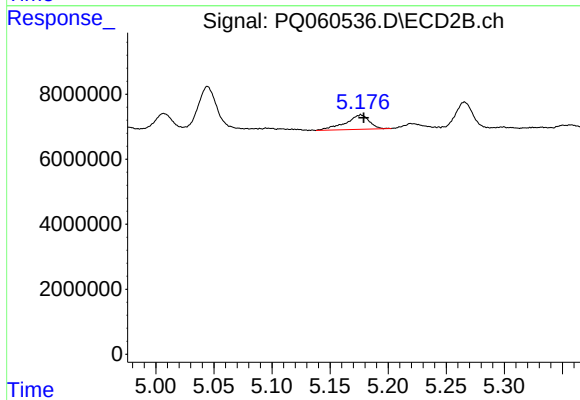
#30 AR-1254-5

R.T.: 5.661 min
Delta R.T.: -0.011 min
Response: 3212378
Conc: 3.96 ng/ml



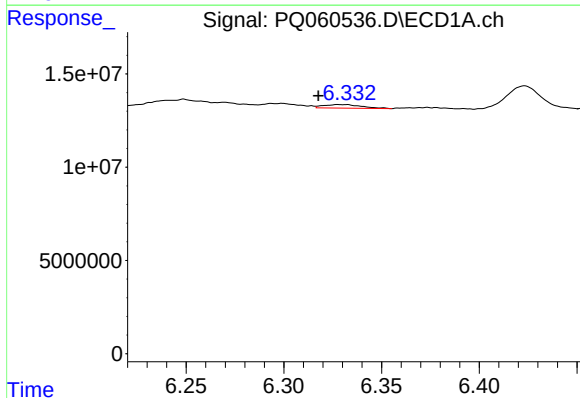
#31 AR-1260-1

R.T.: 6.041 min
Delta R.T.: -0.018 min
Response: 2071333
Conc: 1.98 ng/ml



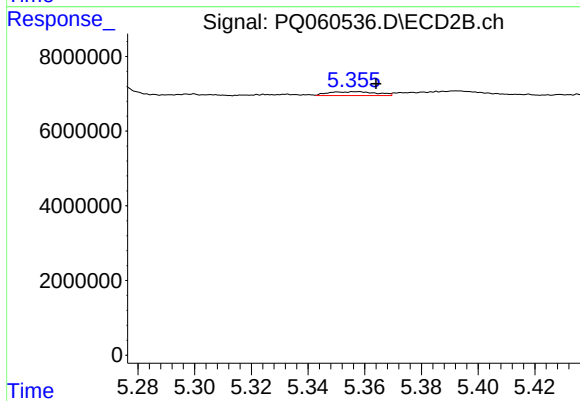
#31 AR-1260-1

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 6369791
Conc: 10.37 ng/ml



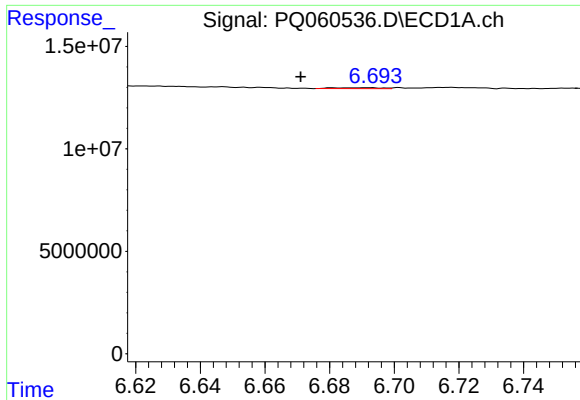
#32 AR-1260-2

R.T.: 6.328 min
Delta R.T.: 0.011 min
Response: 2604660
Conc: 2.10 ng/ml



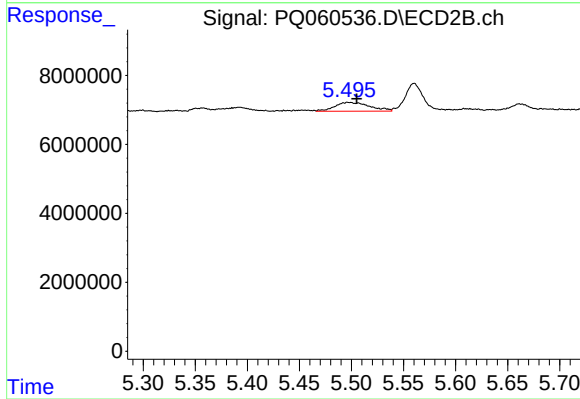
#32 AR-1260-2

R.T.: 5.357 min
Delta R.T.: -0.007 min
Response: 1219273
Conc: 1.64 ng/ml



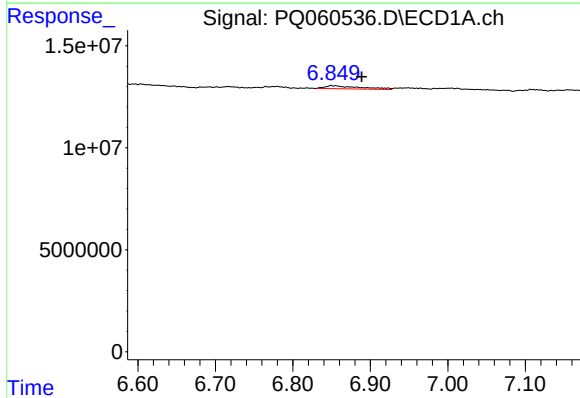
#33 AR-1260-3

R.T.: 6.692 min
Delta R.T.: 0.021 min
Response: 469514
Conc: 0.53 ng/ml



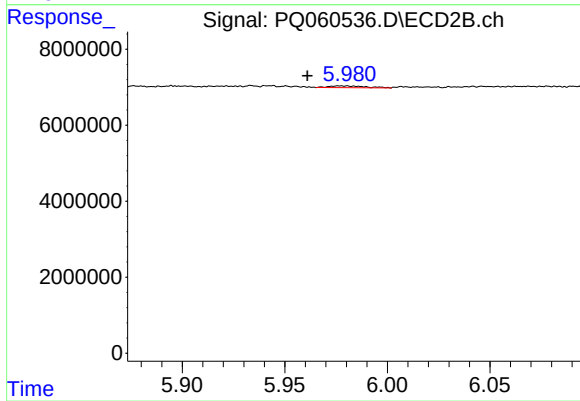
#33 AR-1260-3

R.T.: 5.497 min
Delta R.T.: -0.008 min
Response: 6053259
Conc: 8.33 ng/ml



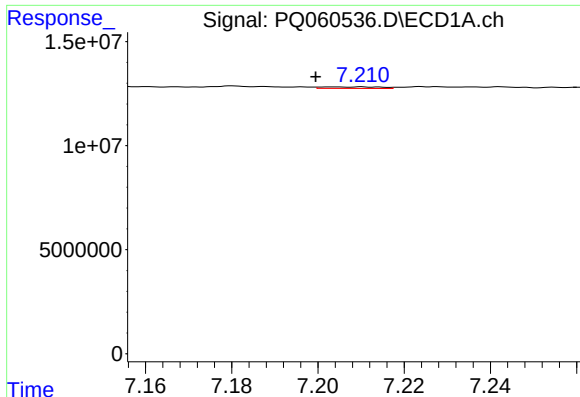
#34 AR-1260-4

R.T.: 6.849 min
Delta R.T.: -0.039 min
Response: 4896765
Conc: 4.97 ng/ml



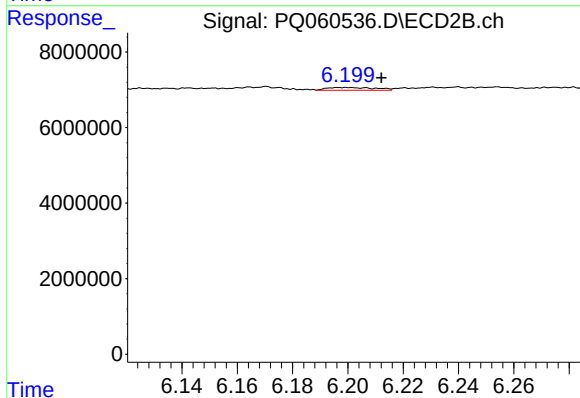
#34 AR-1260-4

R.T.: 5.978 min
Delta R.T.: 0.017 min
Response: 586474
Conc: 1.00 ng/ml



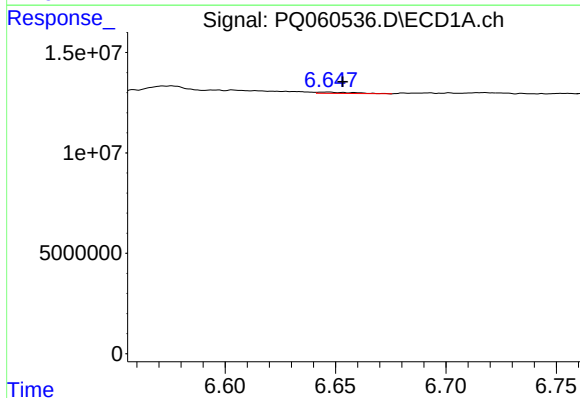
#35 AR-1260-5

R.T.: 7.210 min
Delta R.T.: 0.011 min
Response: 715552
Conc: 0.37 ng/ml



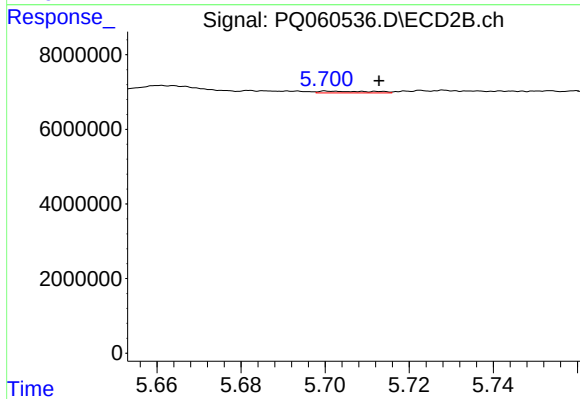
#35 AR-1260-5

R.T.: 6.199 min
Delta R.T.: -0.013 min
Response: 904281
Conc: 0.66 ng/ml



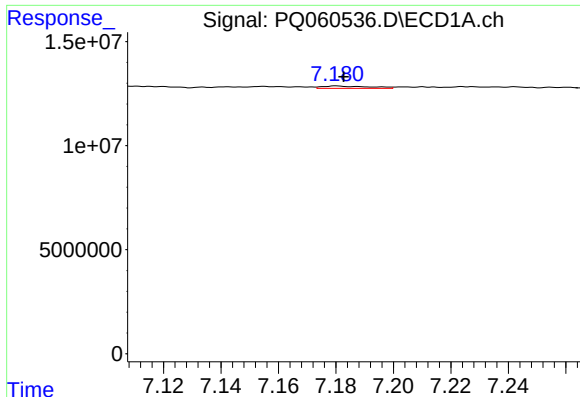
#36 AR-1262-1

R.T.: 6.646 min
Delta R.T.: -0.007 min
Response: 695701
Conc: 0.61 ng/ml



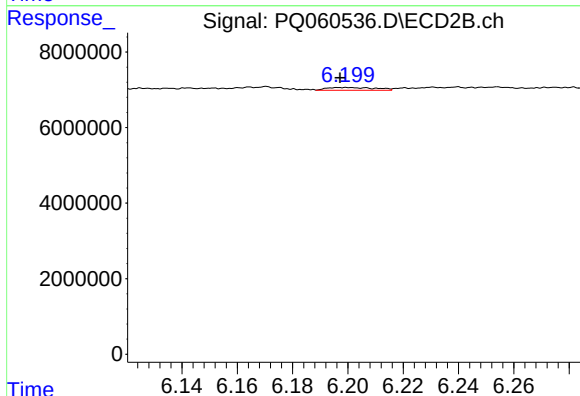
#36 AR-1262-1

R.T.: 5.701 min
Delta R.T.: -0.012 min
Response: 420943
Conc: 0.54 ng/ml



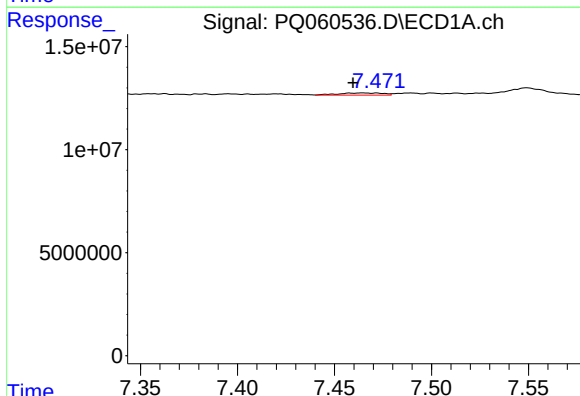
#37 AR-1262-2

R.T.: 7.180 min
Delta R.T.: -0.002 min
Response: 1301635
Conc: 0.65 ng/ml



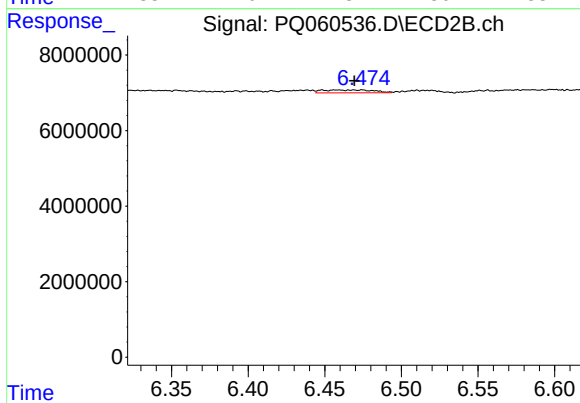
#37 AR-1262-2

R.T.: 6.199 min
Delta R.T.: 0.002 min
Response: 904281
Conc: 0.64 ng/ml



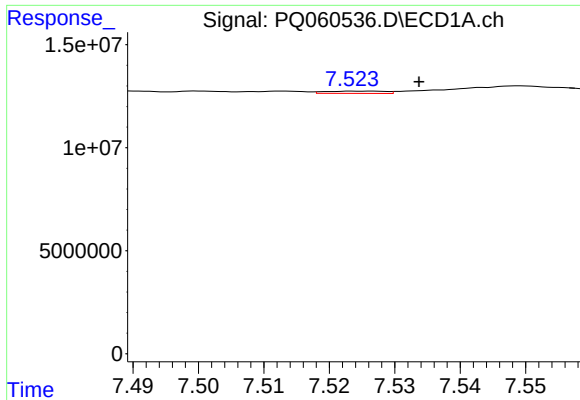
#38 AR-1262-3

R.T.: 7.464 min
Delta R.T.: 0.005 min
Response: 1689046
Conc: 1.29 ng/ml



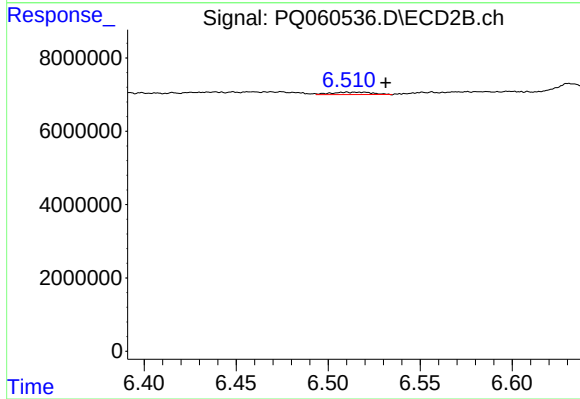
#38 AR-1262-3

R.T.: 6.458 min
Delta R.T.: -0.011 min
Response: 1794896
Conc: 3.16 ng/ml



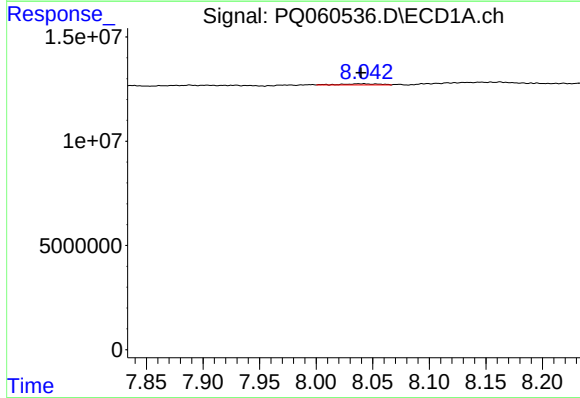
#39 AR-1262-4

R.T.: 7.525 min
Delta R.T.: -0.008 min
Response: 700161
Conc: 0.68 ng/ml



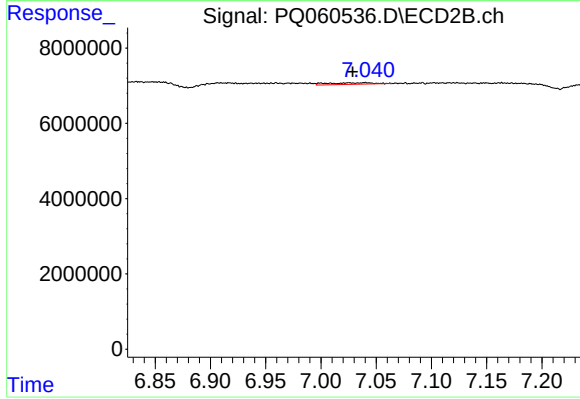
#39 AR-1262-4

R.T.: 6.510 min
Delta R.T.: -0.021 min
Response: 992930
Conc: 0.93 ng/ml



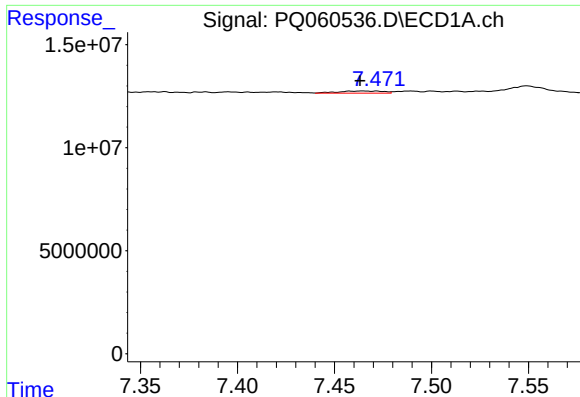
#40 AR-1262-5

R.T.: 8.042 min
Delta R.T.: 0.003 min
Response: 1281916
Conc: 1.97 ng/ml



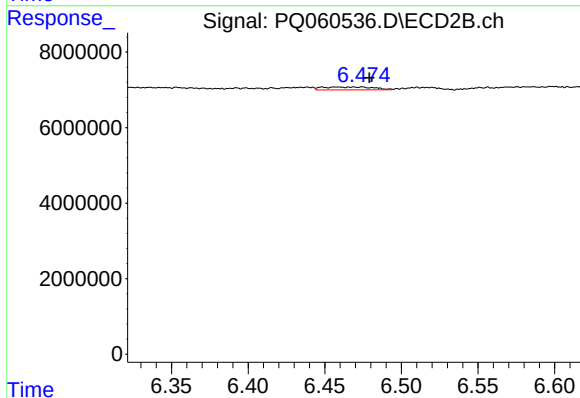
#40 AR-1262-5

R.T.: 7.040 min
Delta R.T.: 0.012 min
Response: 1237812
Conc: 2.39 ng/ml



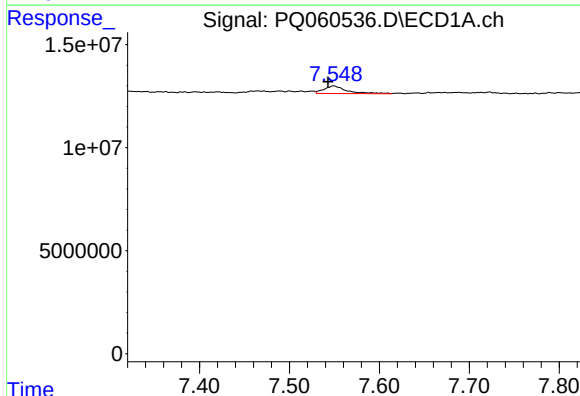
#41 AR-1268-1

R.T.: 7.464 min
Delta R.T.: 0.001 min
Response: 1689046
Conc: 0.74 ng/ml



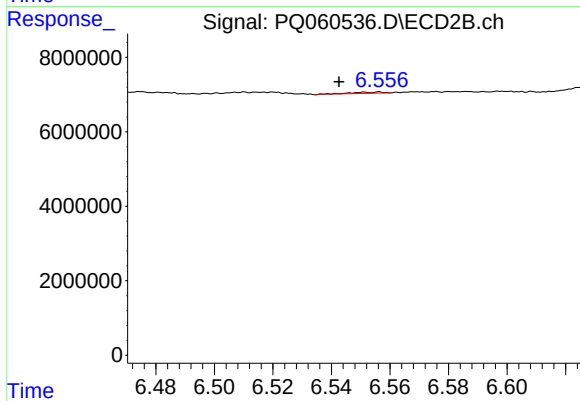
#41 AR-1268-1

R.T.: 6.458 min
Delta R.T.: -0.021 min
Response: 1794896
Conc: 1.06 ng/ml



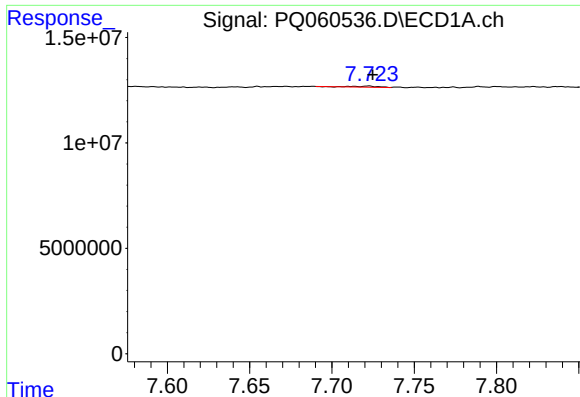
#42 AR-1268-2

R.T.: 7.549 min
Delta R.T.: 0.006 min
Response: 6307067
Conc: 2.97 ng/ml



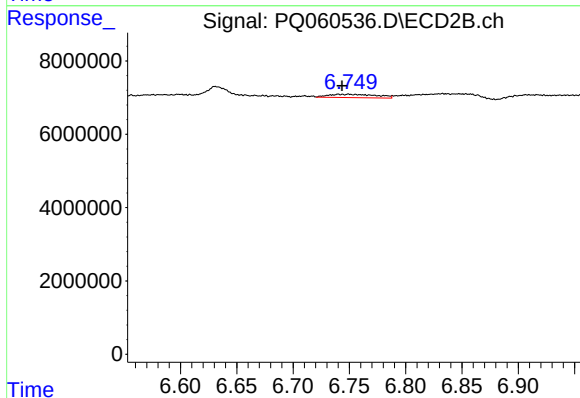
#42 AR-1268-2

R.T.: 6.556 min
Delta R.T.: 0.014 min
Response: 244376
Conc: 0.16 ng/ml



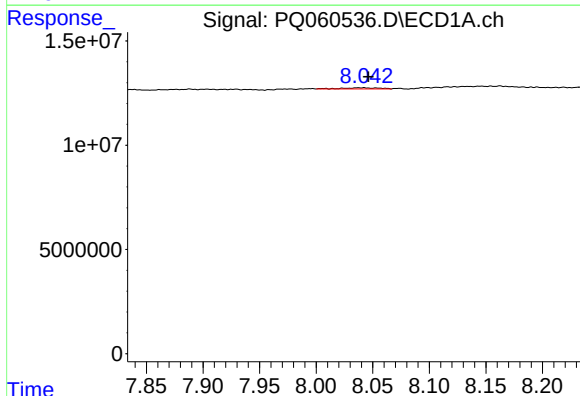
#43 AR-1268-3

R.T.: 7.722 min
Delta R.T.: -0.002 min
Response: 533857
Conc: 0.31 ng/ml



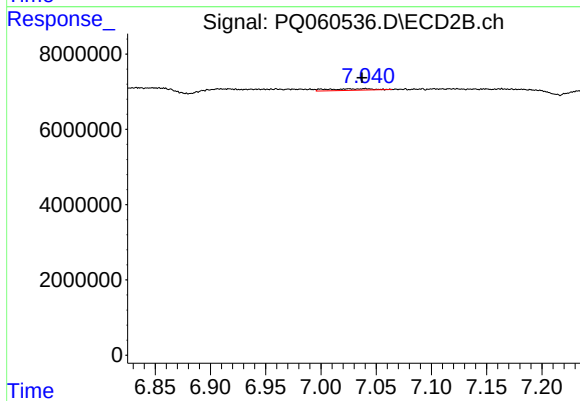
#43 AR-1268-3

R.T.: 6.749 min
Delta R.T.: 0.006 min
Response: 2698737
Conc: 1.98 ng/ml



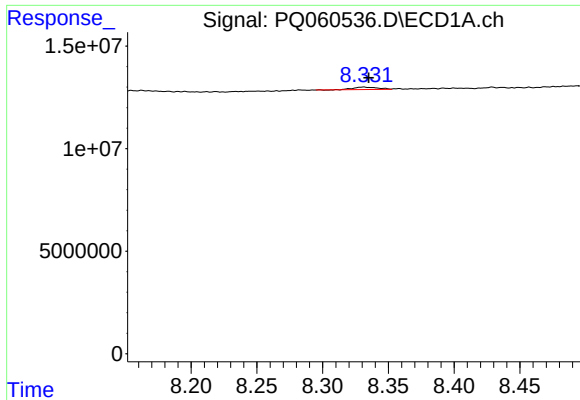
#44 AR-1268-4

R.T.: 8.042 min
Delta R.T.: -0.004 min
Response: 1281916
Conc: 1.72 ng/ml



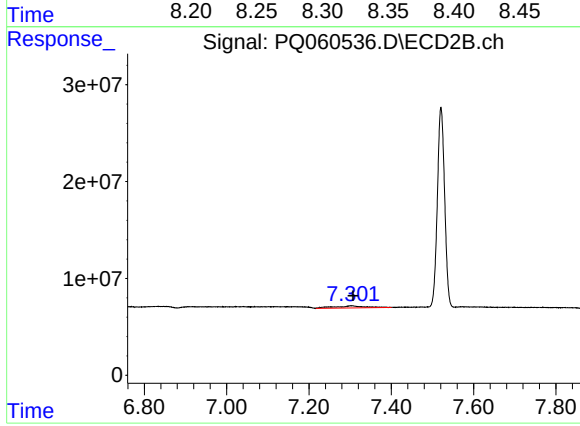
#44 AR-1268-4

R.T.: 7.040 min
Delta R.T.: 0.003 min
Response: 1237812
Conc: 2.10 ng/ml



#45 AR-1268-5

R.T.: 8.331 min
Delta R.T.: -0.004 min
Response: 1495731
Conc: 0.29 ng/ml



#45 AR-1268-5

R.T.: 7.304 min
Delta R.T.: -0.003 min
Response: 11397178
Conc: 2.67 ng/ml