

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022723\
 Data File : PQ060538.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2023 21:58
 Operator : YP\AJ
 Sample : 01627-07
 Misc : AR1262 LOD 40 PPB
 ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 23:40:07 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	2.797	480.0E6	253.3E6	20.860	22.519
2)	SA Decachlor...	8.566	7.525	290.8E6	242.4E6	21.450	22.584
Target Compounds							
3)	L1 AR-1016-1	4.536	3.802	8864360	1878453	11.151	4.815 #
4)	L1 AR-1016-2	4.536	3.802	8864360	1878453	7.407	3.184 #
5)	L1 AR-1016-3	4.595	3.960	3020062	435064	4.075	1.384 #
6)	L1 AR-1016-4	4.682	4.023	771667	169109	1.244	0.690 #
7)	L1 AR-1016-5	4.957	4.207	3508957	885214	5.964	2.772 #
8)	L2 AR-1221-1	3.644	3.006	621634	36512	2.595	0.325 #
9)	L2 AR-1221-2	3.710	3.064	8062709	3543382	46.126	42.566
10)	L2 AR-1221-3	3.786	3.140	1125150	838952	2.151	3.247 #
11)	L3 AR-1232-1	3.786	3.140	1125150	838952	2.143	3.134 #
12)	L3 AR-1232-2	4.252	3.802	2823392	1878453	10.572	6.995 #
13)	L3 AR-1232-3	4.536	3.960	8864360	435064	16.254	3.124 #
14)	L3 AR-1232-4	4.682	4.045	771667	654889	2.856	5.518 #
15)	L3 AR-1232-5	4.773	4.202	2306578	616608	12.357	4.525 #
16)	L4 AR-1242-1	4.536	3.802	8864360	1878453	14.355	5.842 #
17)	L4 AR-1242-2	4.536	3.802	8864360	1878453	9.441	3.921 #
18)	L4 AR-1242-3	4.595	3.960	3020062	435064	5.228	1.678 #
19)	L4 AR-1242-4	4.682	4.045	771667	654889	1.583	2.736 #
20)	L4 AR-1242-5	5.385	4.528	2282305	4114013	4.576	13.325 #
21)	L5 AR-1248-1	4.536	3.802	8864360	1878453	18.591	7.669 #
22)	L5 AR-1248-2	4.773	4.006	2306578	617885	3.709	1.794 #
23)	L5 AR-1248-3	4.957	4.045	3508957	654889	4.630	1.878 #
24)	L5 AR-1248-4	5.364	4.202	258774	616608	0.310	1.457 #
25)	L5 AR-1248-5	5.385	4.564	2282305	564205	2.729	1.326 #
26)	L6 AR-1254-1	5.320	4.528	11908147	4114013	14.236	6.354 #
27)	L6 AR-1254-2	5.532	4.670	10408088	4555266	8.135	8.269
28)	L6 AR-1254-3	5.878	5.064	3718275	16947947	2.737	19.765 #
29)	L6 AR-1254-4	6.164	5.266	4989069	754723	5.030	1.348 #
30)	L6 AR-1254-5	6.576	5.663	41238644	20144049	39.283	24.854 #
31)	L7 AR-1260-1	6.045	5.171	39095853	22657554	37.320	36.891
32)	L7 AR-1260-2	6.304	5.356	46242468	26974490	37.288	36.176
33)	L7 AR-1260-3	6.659	5.497	59897629	31190129	67.006	42.913 #
34)	L7 AR-1260-4	6.878	5.949	51622576	34091420	52.394	57.842
35)	L7 AR-1260-5	7.189	6.198	99013298	66010778	50.932	47.991
36)	L8 AR-1262-1	6.659	5.704	59897629	37596399	52.102	48.083
37)	L8 AR-1262-2	7.189	6.198	99013298	66010778	49.373	46.519
38)	L8 AR-1262-3	7.466	6.478	66693113	28491355	50.954	50.186
39)	L8 AR-1262-4	7.540	6.540	55603635	50344292	54.384	47.125
40)	L8 AR-1262-5	8.047	7.037	30814516	25679556	47.379	49.592
41)	L9 AR-1268-1	7.466	6.478	66693113	28491355	29.196	16.825 #

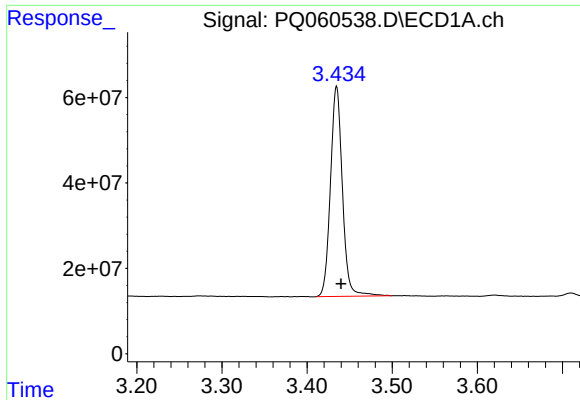
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022723\
 Data File : PQ060538.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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 Integrator: ChemStation

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

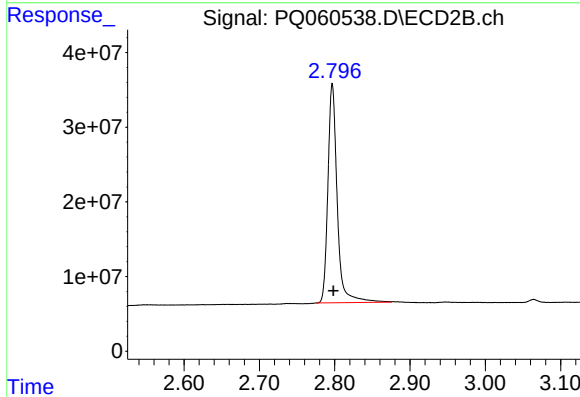
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.540	6.540	55603635	50344292	26.193	32.348
43) L9	AR-1268-3	7.725	6.744	2883015	2882785	1.657	2.118 #
44) L9	AR-1268-4	8.047	7.037	30814516	25679556	41.459	43.518
45) L9	AR-1268-5	8.335	7.307	11615161	15904077	2.255	3.729 #

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



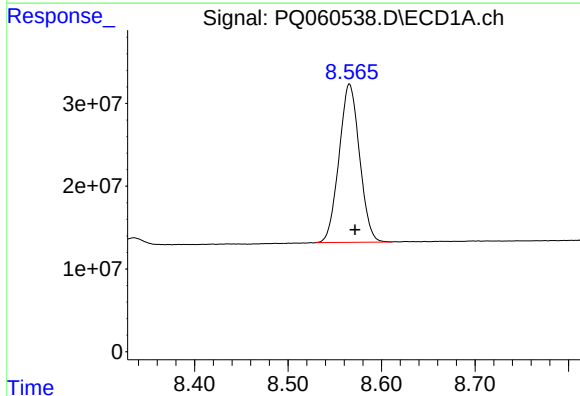
#1 Tetrachloro-m-xylene

R.T.: 3.435 min
Delta R.T.: -0.005 min
Response: 479992781
Conc: 20.86 ng/ml



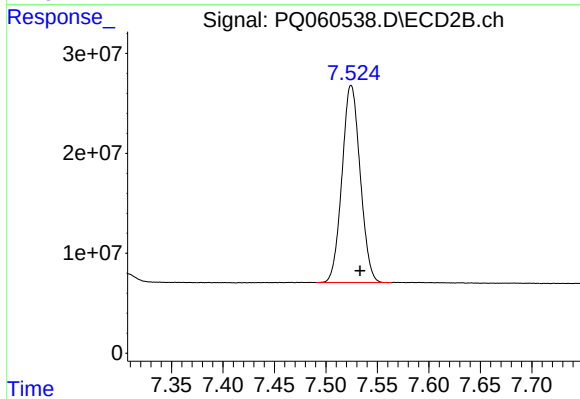
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: -0.001 min
Response: 253334758
Conc: 22.52 ng/ml



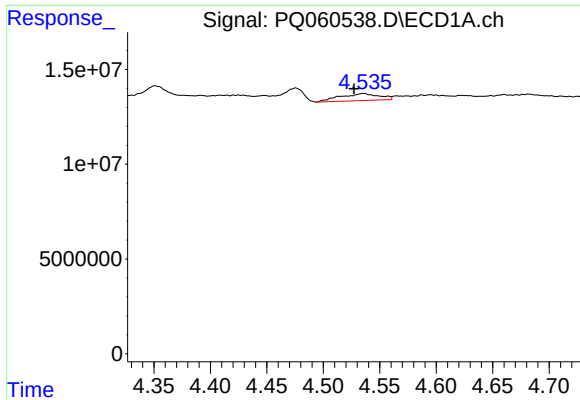
#2 Decachlorobiphenyl

R.T.: 8.566 min
Delta R.T.: -0.006 min
Response: 290840292
Conc: 21.45 ng/ml



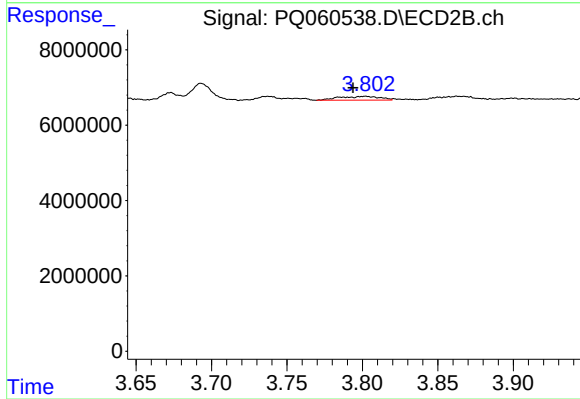
#2 Decachlorobiphenyl

R.T.: 7.525 min
Delta R.T.: -0.009 min
Response: 242381901
Conc: 22.58 ng/ml



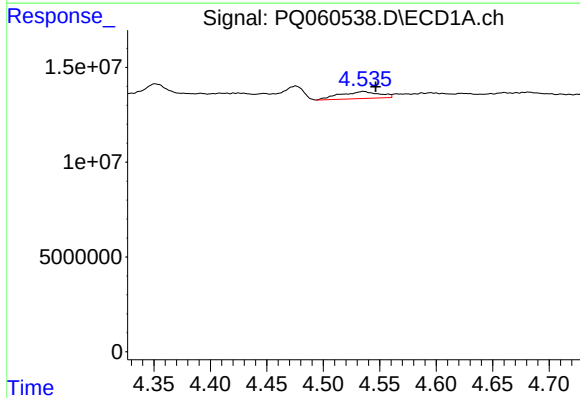
#3 AR-1016-1

R.T.: 4.536 min
Delta R.T.: 0.008 min
Response: 8864360
Conc: 11.15 ng/ml



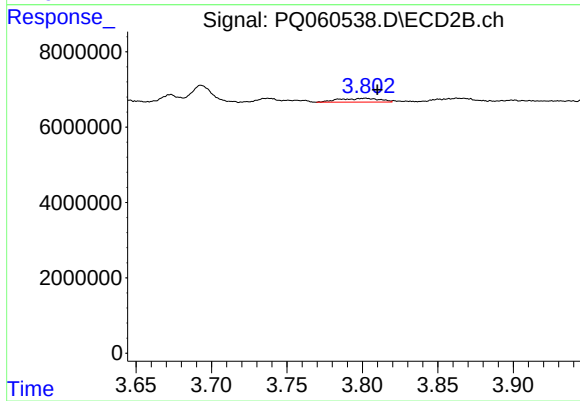
#3 AR-1016-1

R.T.: 3.802 min
Delta R.T.: 0.008 min
Response: 1878453
Conc: 4.81 ng/ml



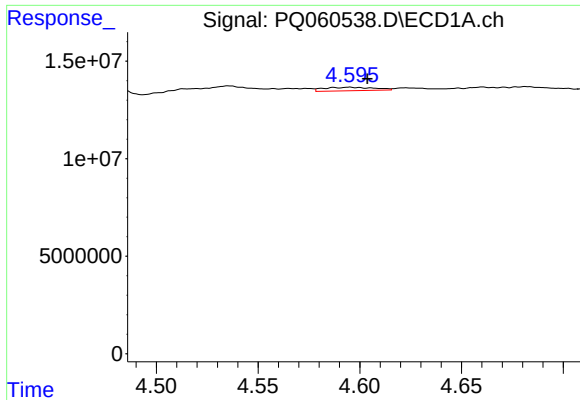
#4 AR-1016-2

R.T.: 4.536 min
Delta R.T.: -0.011 min
Response: 8864360
Conc: 7.41 ng/ml



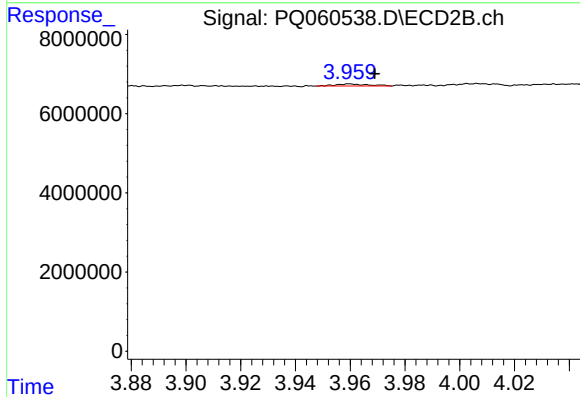
#4 AR-1016-2

R.T.: 3.802 min
Delta R.T.: -0.008 min
Response: 1878453
Conc: 3.18 ng/ml



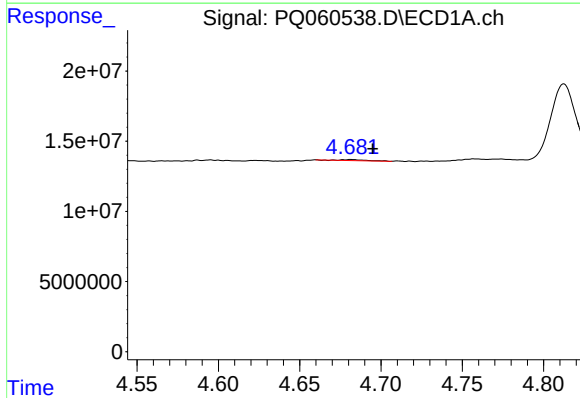
#5 AR-1016-3

R.T.: 4.595 min
Delta R.T.: -0.009 min
Response: 3020062
Conc: 4.08 ng/ml



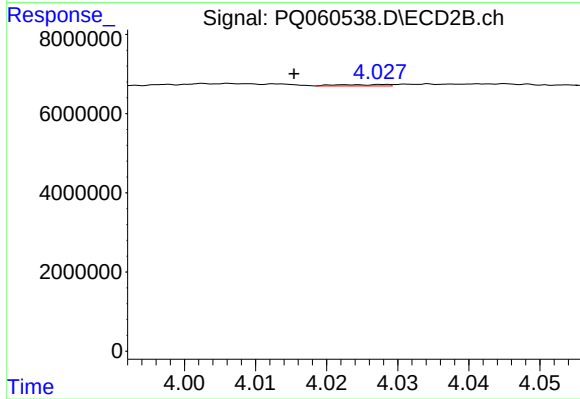
#5 AR-1016-3

R.T.: 3.960 min
Delta R.T.: -0.009 min
Response: 435064
Conc: 1.38 ng/ml



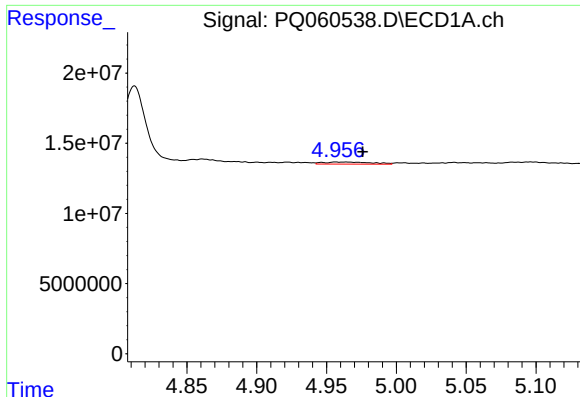
#6 AR-1016-4

R.T.: 4.682 min
Delta R.T.: -0.013 min
Response: 771667
Conc: 1.24 ng/ml



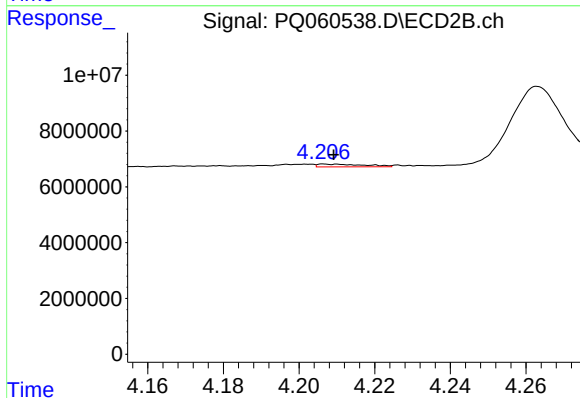
#6 AR-1016-4

R.T.: 4.023 min
Delta R.T.: 0.008 min
Response: 169109
Conc: 0.69 ng/ml



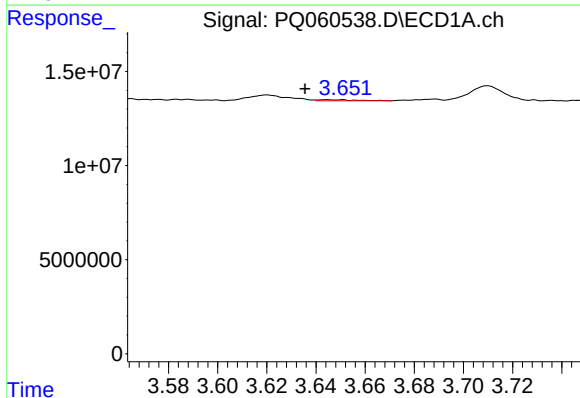
#7 AR-1016-5

R.T.: 4.957 min
Delta R.T.: -0.019 min
Response: 3508957
Conc: 5.96 ng/ml



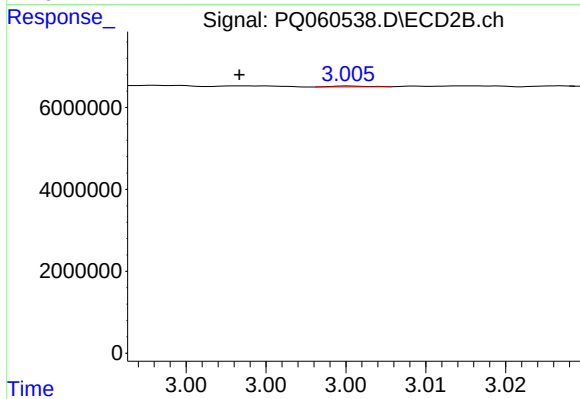
#7 AR-1016-5

R.T.: 4.207 min
Delta R.T.: -0.003 min
Response: 885214
Conc: 2.77 ng/ml



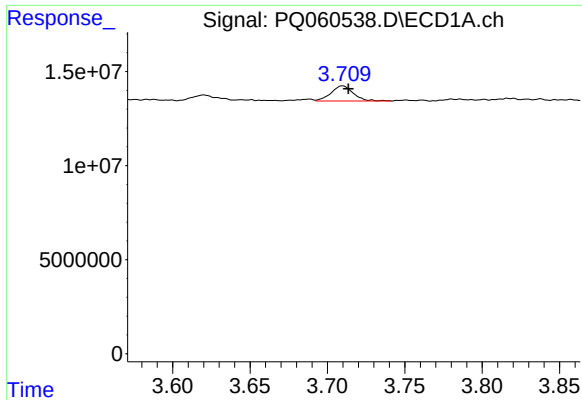
#8 AR-1221-1

R.T.: 3.644 min
Delta R.T.: 0.009 min
Response: 621634
Conc: 2.59 ng/ml



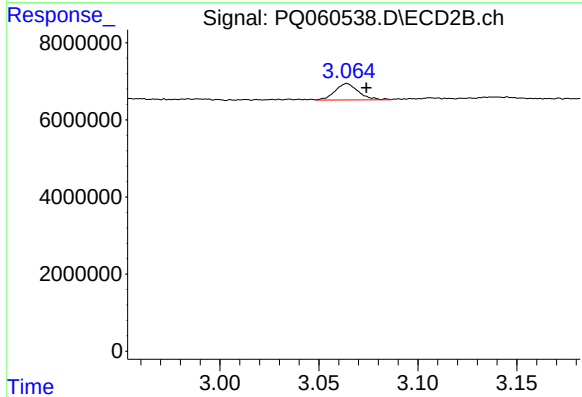
#8 AR-1221-1

R.T.: 3.006 min
Delta R.T.: 0.007 min
Response: 36512
Conc: 0.32 ng/ml



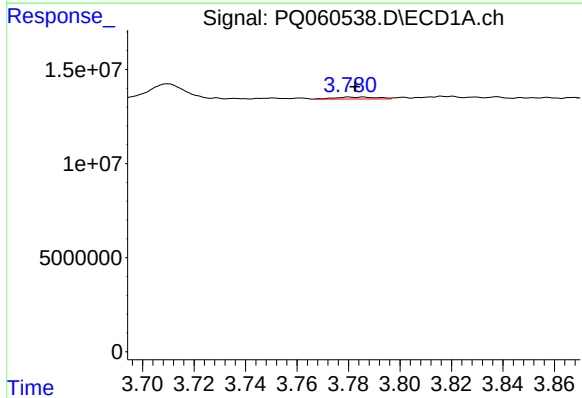
#9 AR-1221-2

R.T.: 3.710 min
Delta R.T.: -0.004 min
Response: 8062709
Conc: 46.13 ng/ml



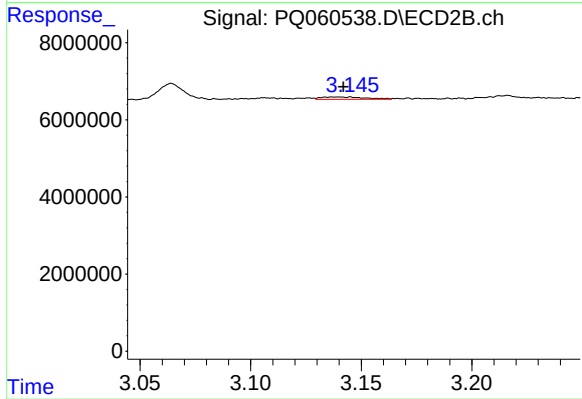
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.010 min
Response: 3543382
Conc: 42.57 ng/ml



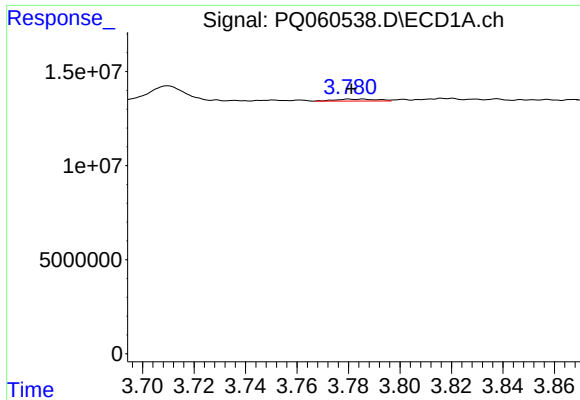
#10 AR-1221-3

R.T.: 3.786 min
Delta R.T.: 0.003 min
Response: 1125150
Conc: 2.15 ng/ml



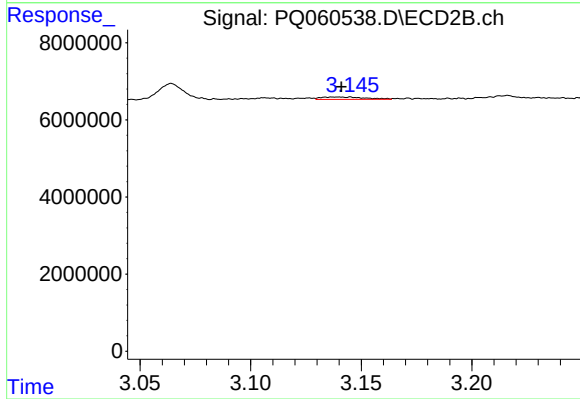
#10 AR-1221-3

R.T.: 3.140 min
Delta R.T.: -0.002 min
Response: 838952
Conc: 3.25 ng/ml



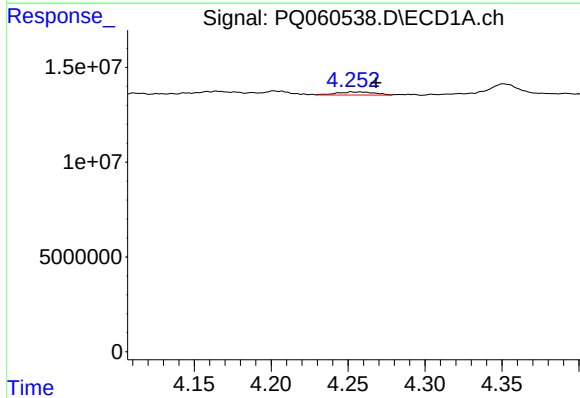
#11 AR-1232-1

R.T.: 3.786 min
Delta R.T.: 0.004 min
Response: 1125150
Conc: 2.14 ng/ml



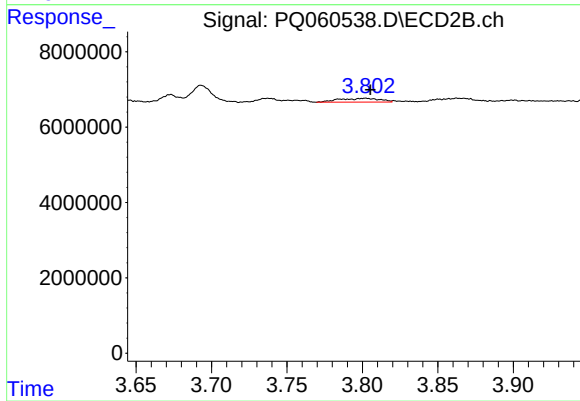
#11 AR-1232-1

R.T.: 3.140 min
Delta R.T.: -0.001 min
Response: 838952
Conc: 3.13 ng/ml



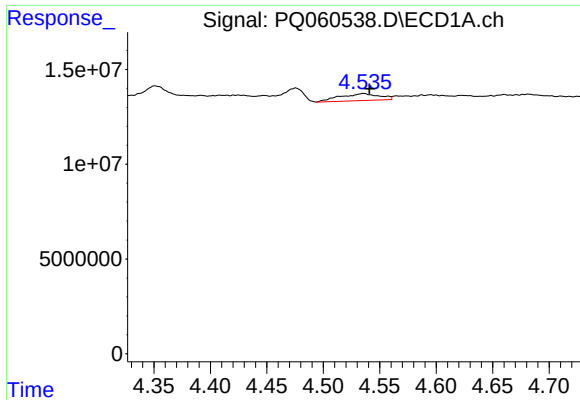
#12 AR-1232-2

R.T.: 4.252 min
Delta R.T.: -0.016 min
Response: 2823392
Conc: 10.57 ng/ml



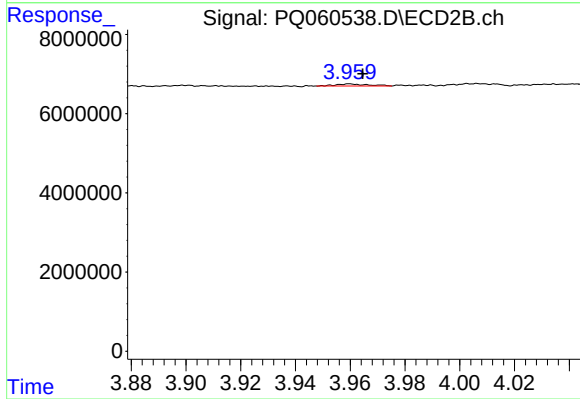
#12 AR-1232-2

R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 1878453
Conc: 6.99 ng/ml



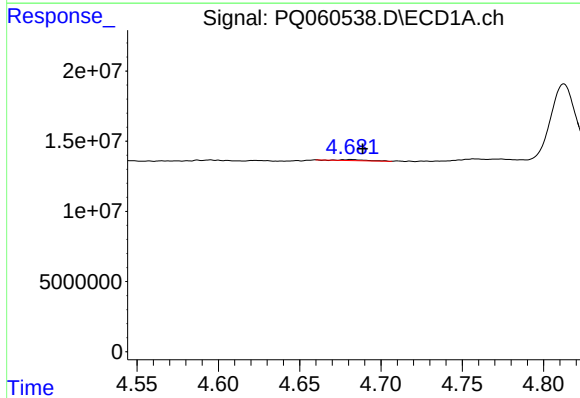
#13 AR-1232-3

R.T.: 4.536 min
Delta R.T.: -0.005 min
Response: 8864360
Conc: 16.25 ng/ml



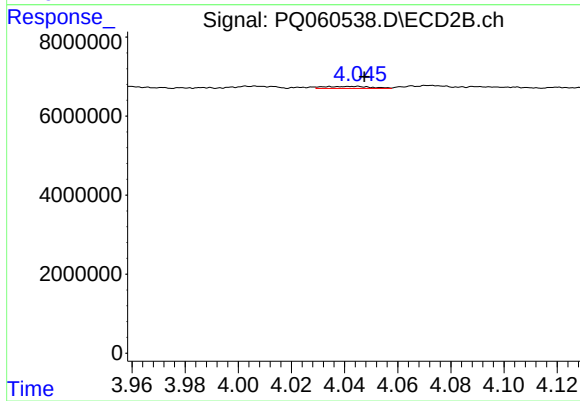
#13 AR-1232-3

R.T.: 3.960 min
Delta R.T.: -0.005 min
Response: 435064
Conc: 3.12 ng/ml



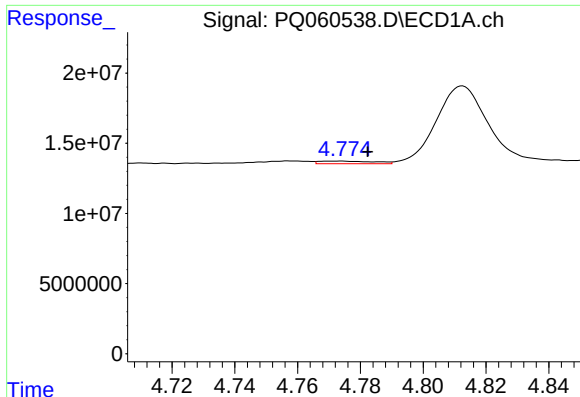
#14 AR-1232-4

R.T.: 4.682 min
Delta R.T.: -0.007 min
Response: 771667
Conc: 2.86 ng/ml



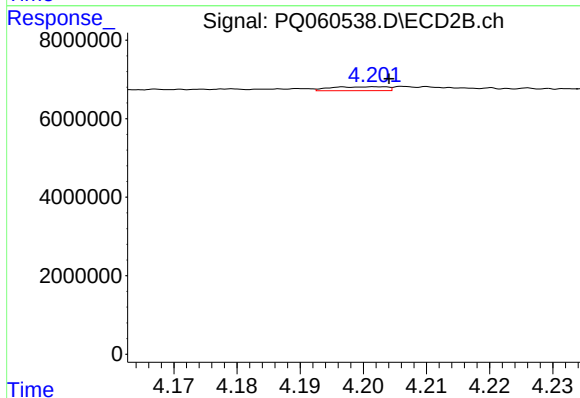
#14 AR-1232-4

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 654889
Conc: 5.52 ng/ml



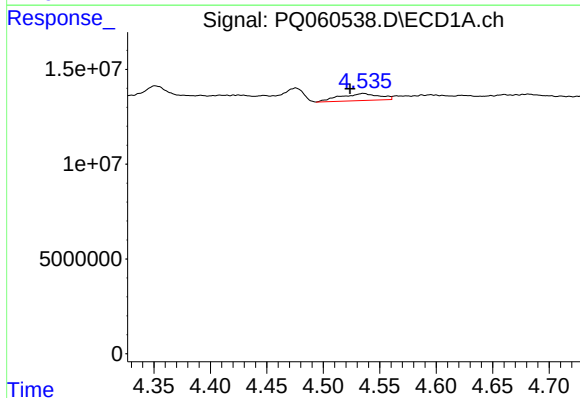
#15 AR-1232-5

R.T.: 4.773 min
Delta R.T.: -0.009 min
Response: 2306578
Conc: 12.36 ng/ml



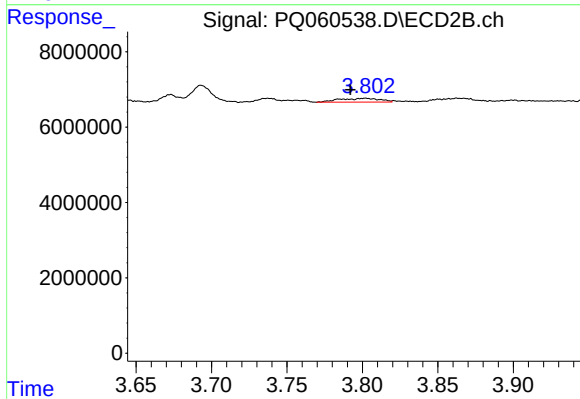
#15 AR-1232-5

R.T.: 4.202 min
Delta R.T.: -0.002 min
Response: 616608
Conc: 4.52 ng/ml



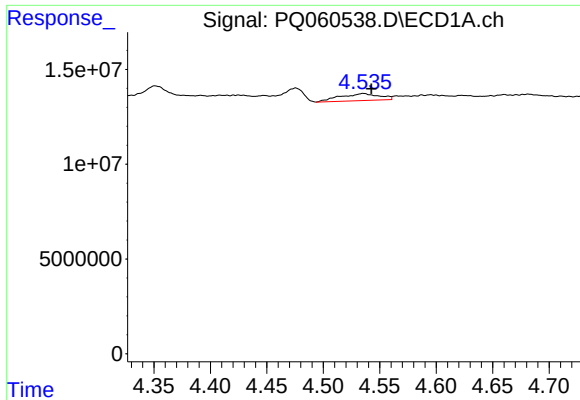
#16 AR-1242-1

R.T.: 4.536 min
Delta R.T.: 0.012 min
Response: 8864360
Conc: 14.36 ng/ml



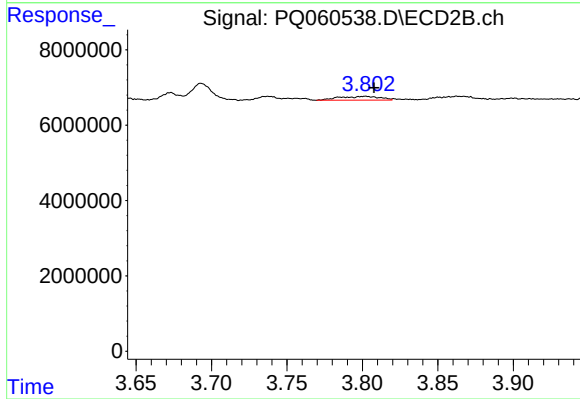
#16 AR-1242-1

R.T.: 3.802 min
Delta R.T.: 0.010 min
Response: 1878453
Conc: 5.84 ng/ml



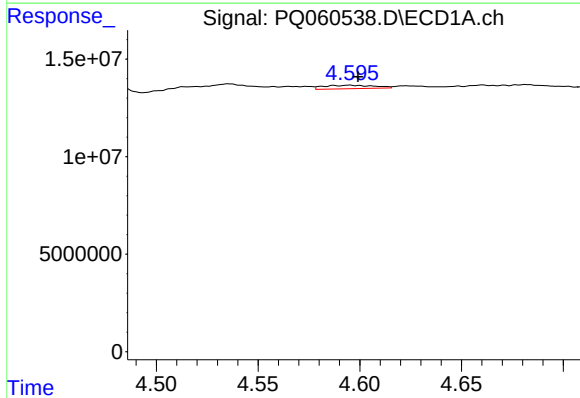
#17 AR-1242-2

R.T.: 4.536 min
Delta R.T.: -0.007 min
Response: 8864360
Conc: 9.44 ng/ml



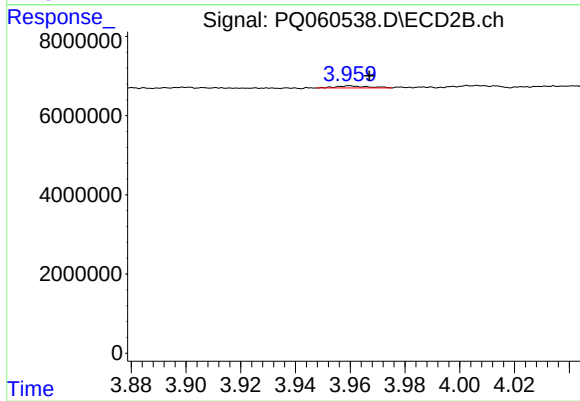
#17 AR-1242-2

R.T.: 3.802 min
Delta R.T.: -0.006 min
Response: 1878453
Conc: 3.92 ng/ml



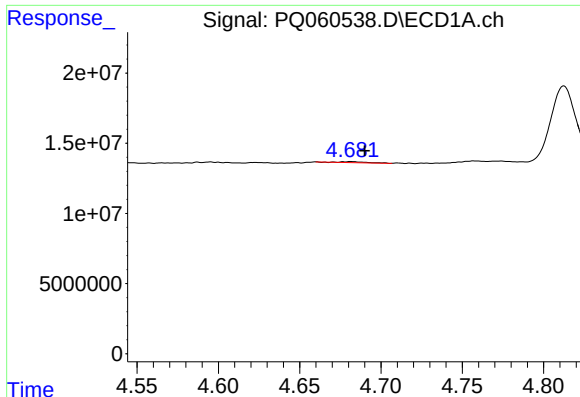
#18 AR-1242-3

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 3020062
Conc: 5.23 ng/ml



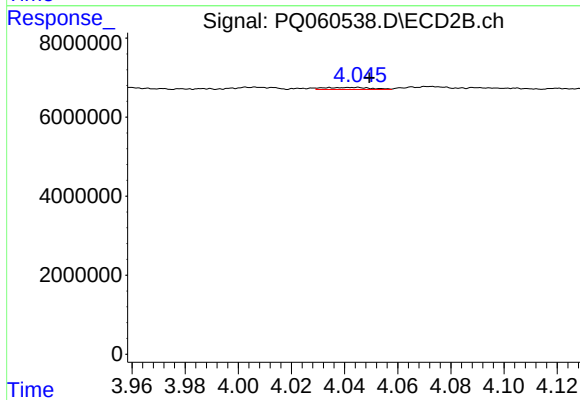
#18 AR-1242-3

R.T.: 3.960 min
Delta R.T.: -0.007 min
Response: 435064
Conc: 1.68 ng/ml



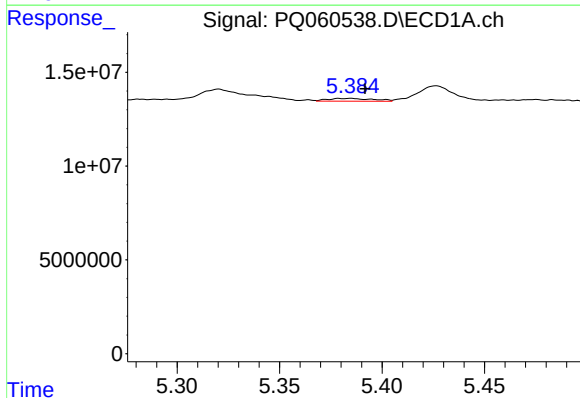
#19 AR-1242-4

R.T.: 4.682 min
Delta R.T.: -0.008 min
Response: 771667
Conc: 1.58 ng/ml



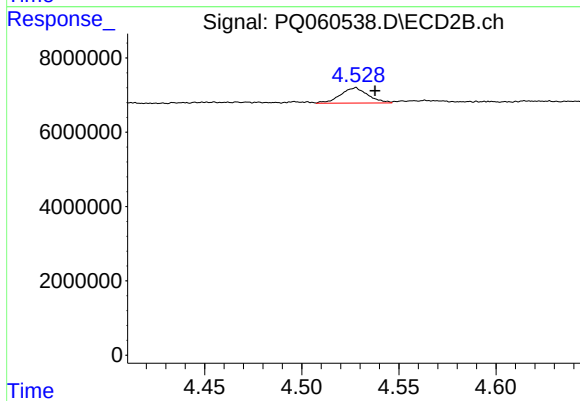
#19 AR-1242-4

R.T.: 4.045 min
Delta R.T.: -0.004 min
Response: 654889
Conc: 2.74 ng/ml



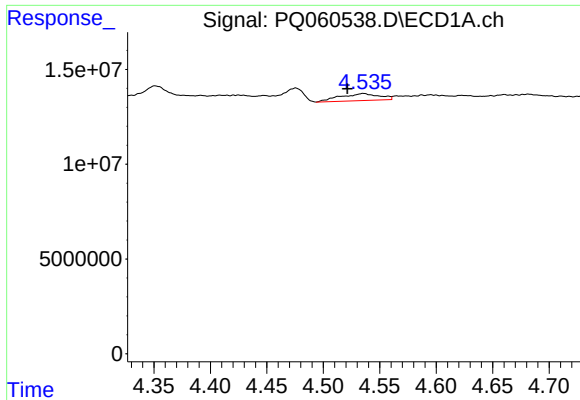
#20 AR-1242-5

R.T.: 5.385 min
Delta R.T.: -0.007 min
Response: 2282305
Conc: 4.58 ng/ml



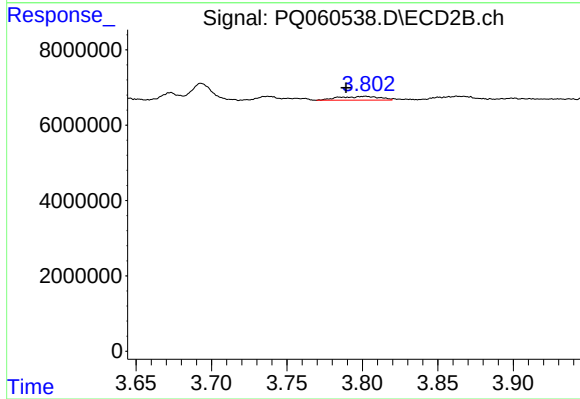
#20 AR-1242-5

R.T.: 4.528 min
Delta R.T.: -0.010 min
Response: 4114013
Conc: 13.32 ng/ml



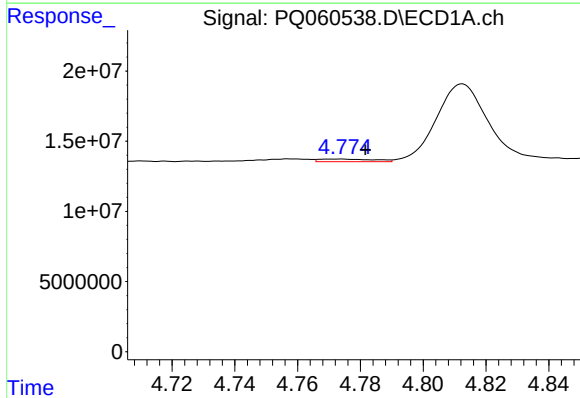
#21 AR-1248-1

R.T.: 4.536 min
Delta R.T.: 0.014 min
Response: 8864360
Conc: 18.59 ng/ml



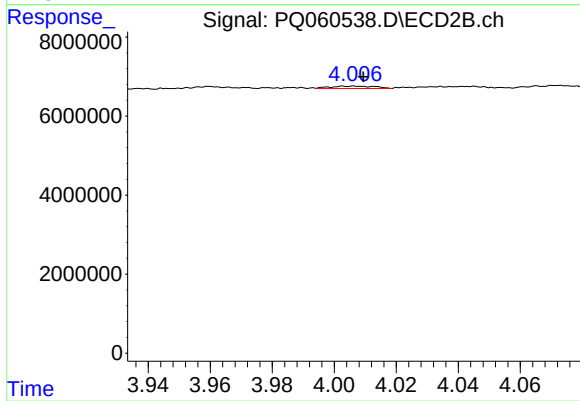
#21 AR-1248-1

R.T.: 3.802 min
Delta R.T.: 0.013 min
Response: 1878453
Conc: 7.67 ng/ml



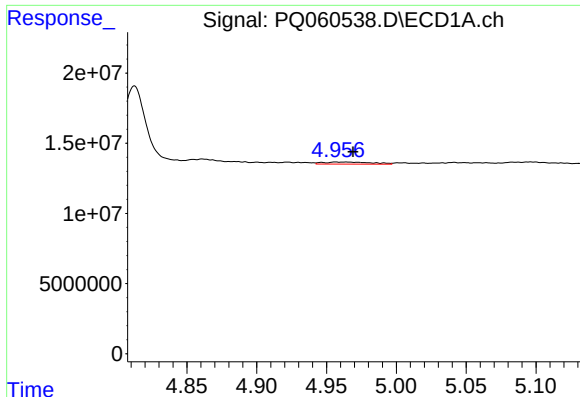
#22 AR-1248-2

R.T.: 4.773 min
Delta R.T.: -0.008 min
Response: 2306578
Conc: 3.71 ng/ml



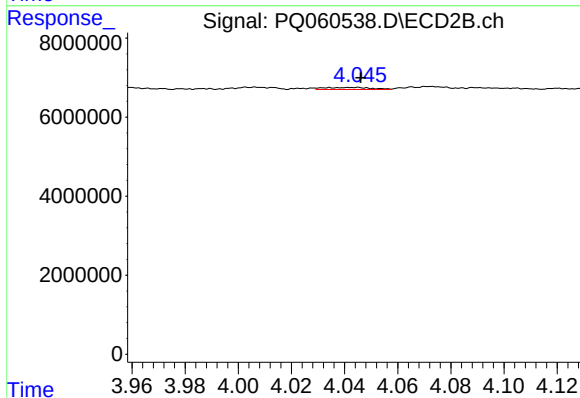
#22 AR-1248-2

R.T.: 4.006 min
Delta R.T.: -0.003 min
Response: 617885
Conc: 1.79 ng/ml



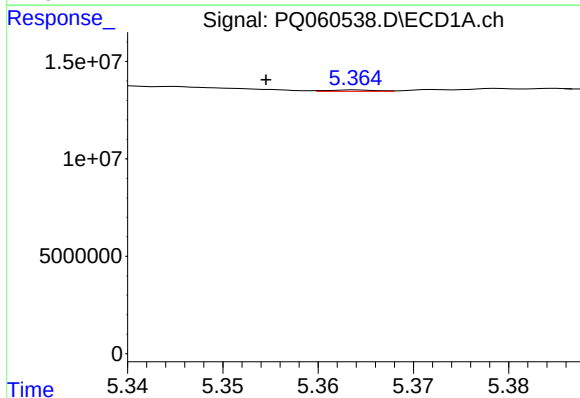
#23 AR-1248-3

R.T.: 4.957 min
Delta R.T.: -0.013 min
Response: 3508957
Conc: 4.63 ng/ml



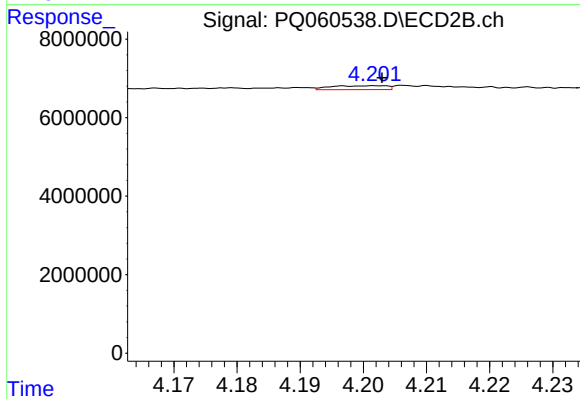
#23 AR-1248-3

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 654889
Conc: 1.88 ng/ml



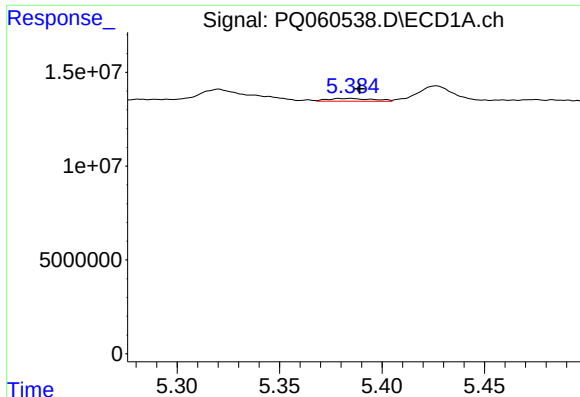
#24 AR-1248-4

R.T.: 5.364 min
Delta R.T.: 0.010 min
Response: 258774
Conc: 0.31 ng/ml



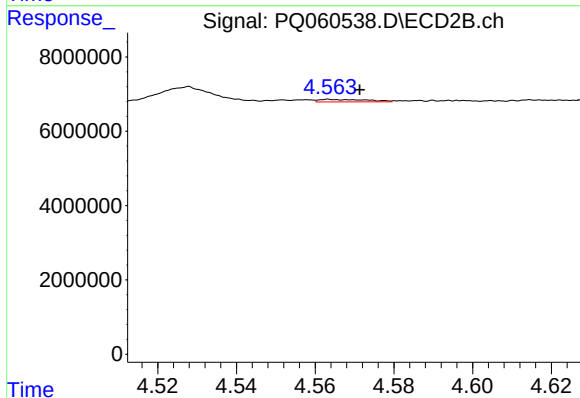
#24 AR-1248-4

R.T.: 4.202 min
Delta R.T.: 0.000 min
Response: 616608
Conc: 1.46 ng/ml



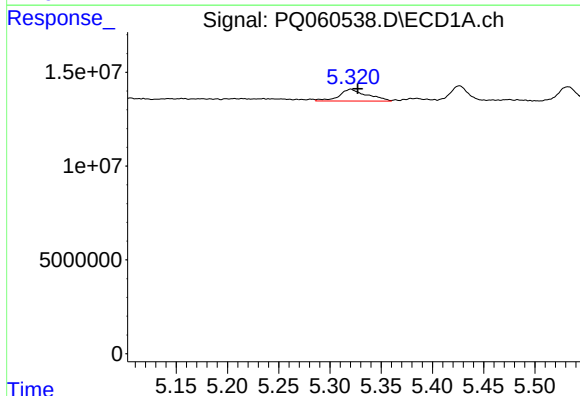
#25 AR-1248-5

R.T.: 5.385 min
Delta R.T.: -0.004 min
Response: 2282305
Conc: 2.73 ng/ml



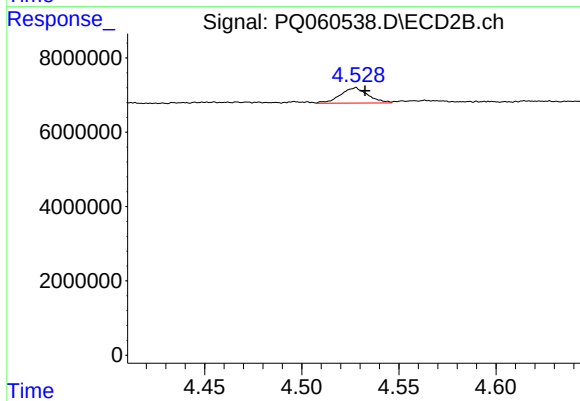
#25 AR-1248-5

R.T.: 4.564 min
Delta R.T.: -0.008 min
Response: 564205
Conc: 1.33 ng/ml



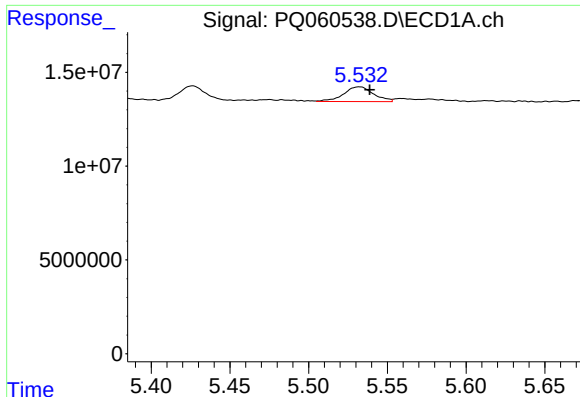
#26 AR-1254-1

R.T.: 5.320 min
Delta R.T.: -0.007 min
Response: 11908147
Conc: 14.24 ng/ml



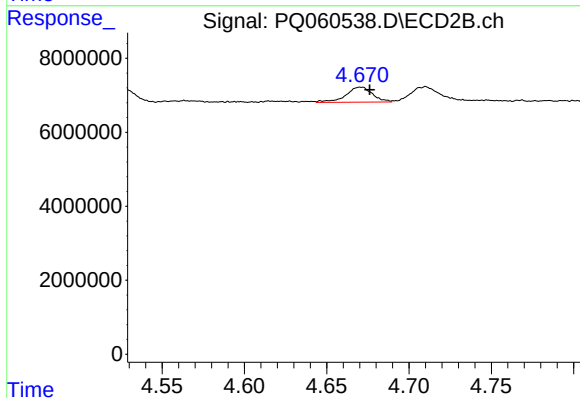
#26 AR-1254-1

R.T.: 4.528 min
Delta R.T.: -0.005 min
Response: 4114013
Conc: 6.35 ng/ml



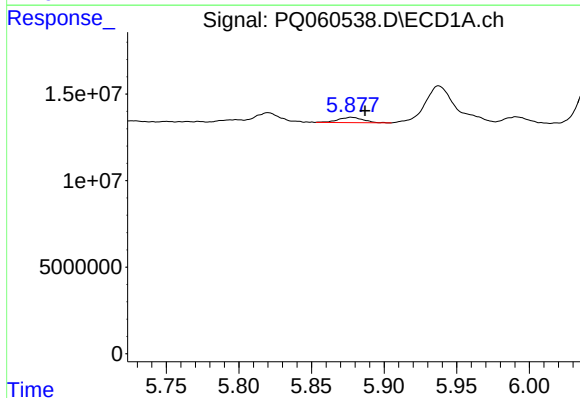
#27 AR-1254-2

R.T.: 5.532 min
Delta R.T.: -0.006 min
Response: 10408088
Conc: 8.13 ng/ml



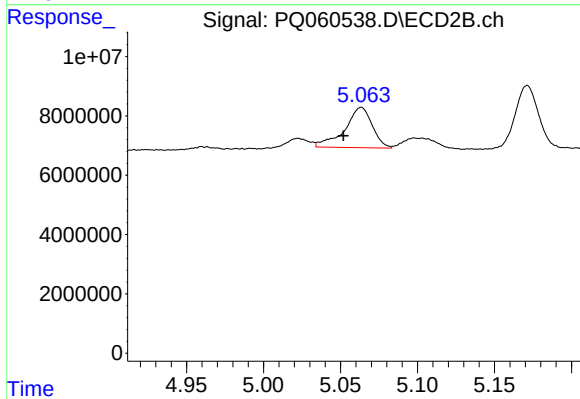
#27 AR-1254-2

R.T.: 4.670 min
Delta R.T.: -0.006 min
Response: 4555266
Conc: 8.27 ng/ml



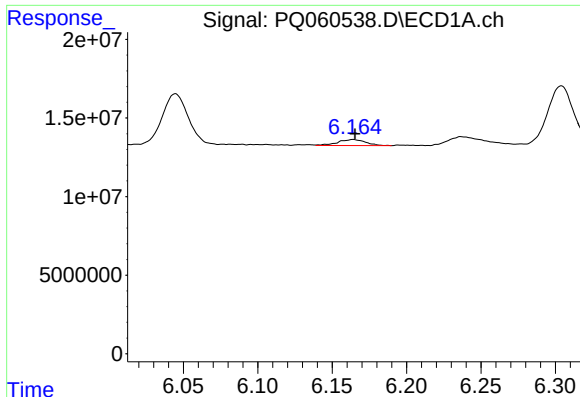
#28 AR-1254-3

R.T.: 5.878 min
Delta R.T.: -0.009 min
Response: 3718275
Conc: 2.74 ng/ml



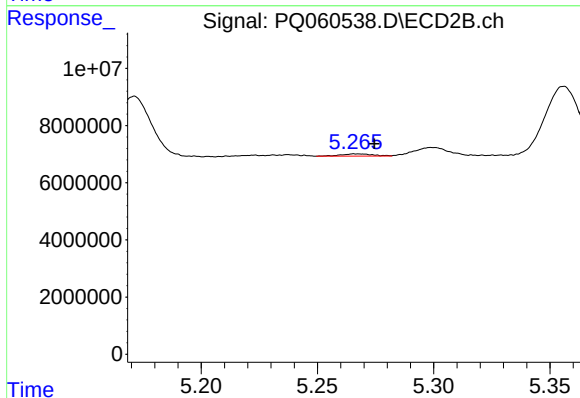
#28 AR-1254-3

R.T.: 5.064 min
Delta R.T.: 0.012 min
Response: 16947947
Conc: 19.77 ng/ml



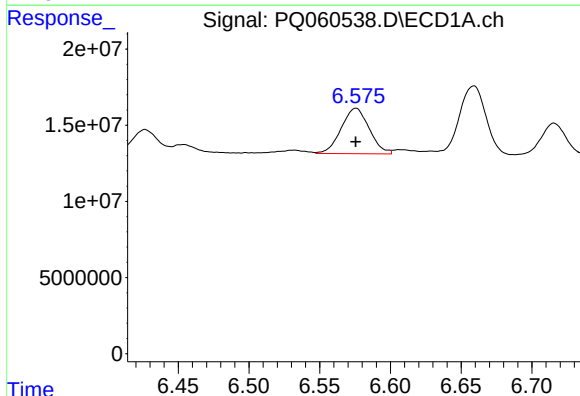
#29 AR-1254-4

R.T.: 6.164 min
Delta R.T.: -0.001 min
Response: 4989069
Conc: 5.03 ng/ml



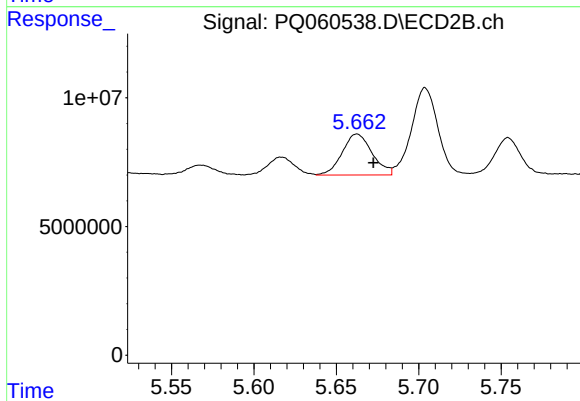
#29 AR-1254-4

R.T.: 5.266 min
Delta R.T.: -0.009 min
Response: 754723
Conc: 1.35 ng/ml



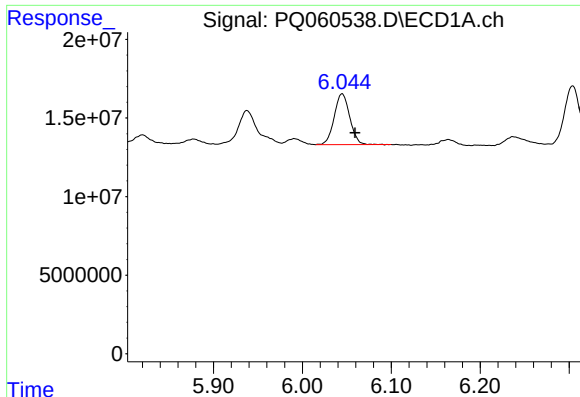
#30 AR-1254-5

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 41238644
Conc: 39.28 ng/ml



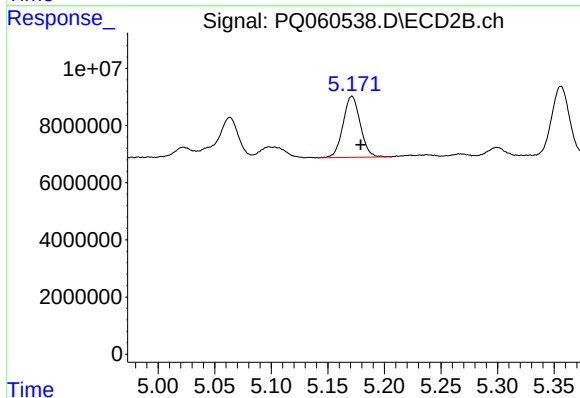
#30 AR-1254-5

R.T.: 5.663 min
Delta R.T.: -0.010 min
Response: 20144049
Conc: 24.85 ng/ml



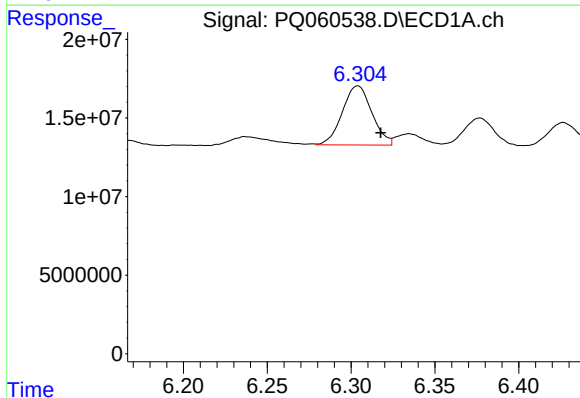
#31 AR-1260-1

R.T.: 6.045 min
Delta R.T.: -0.014 min
Response: 39095853
Conc: 37.32 ng/ml



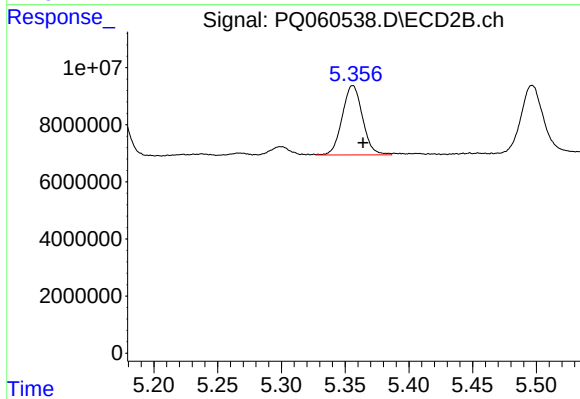
#31 AR-1260-1

R.T.: 5.171 min
Delta R.T.: -0.008 min
Response: 22657554
Conc: 36.89 ng/ml



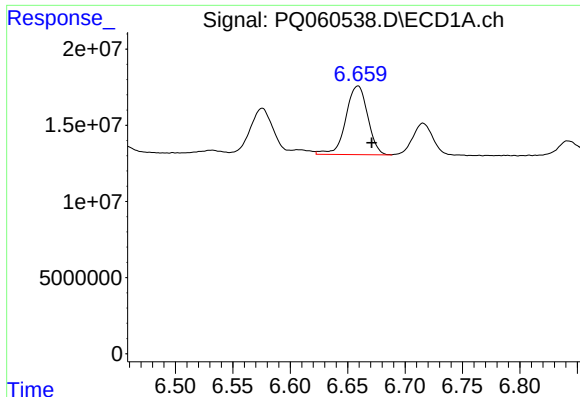
#32 AR-1260-2

R.T.: 6.304 min
Delta R.T.: -0.014 min
Response: 46242468
Conc: 37.29 ng/ml



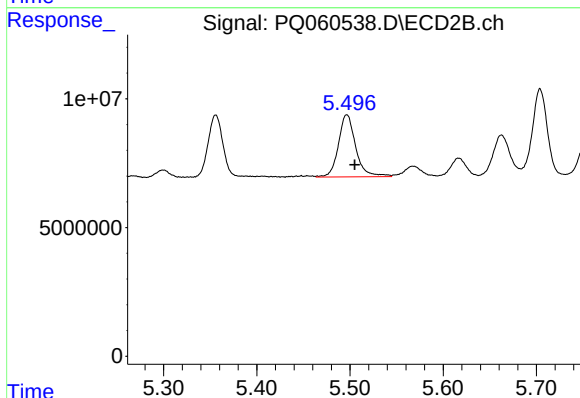
#32 AR-1260-2

R.T.: 5.356 min
Delta R.T.: -0.008 min
Response: 26974490
Conc: 36.18 ng/ml



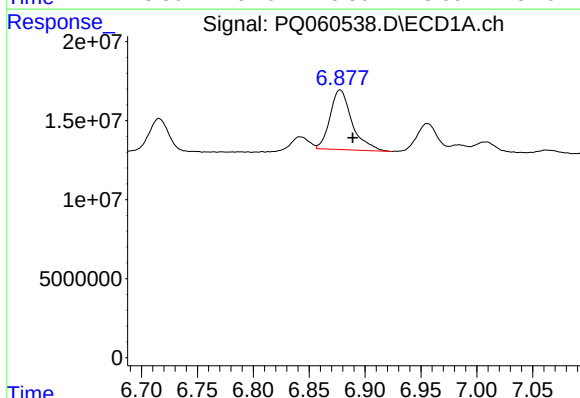
#33 AR-1260-3

R.T.: 6.659 min
Delta R.T.: -0.012 min
Response: 59897629
Conc: 67.01 ng/ml



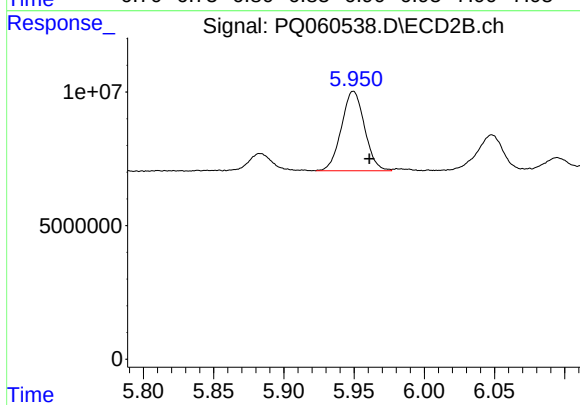
#33 AR-1260-3

R.T.: 5.497 min
Delta R.T.: -0.008 min
Response: 31190129
Conc: 42.91 ng/ml



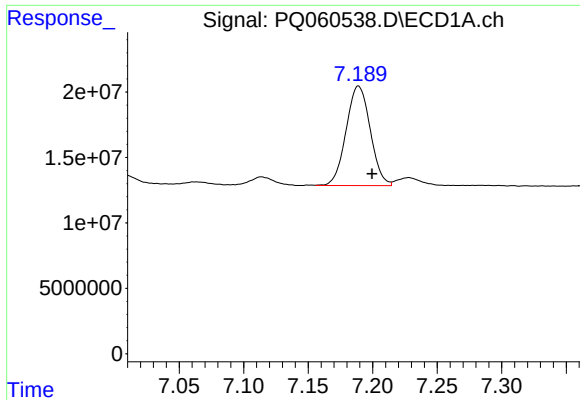
#34 AR-1260-4

R.T.: 6.878 min
Delta R.T.: -0.011 min
Response: 51622576
Conc: 52.39 ng/ml



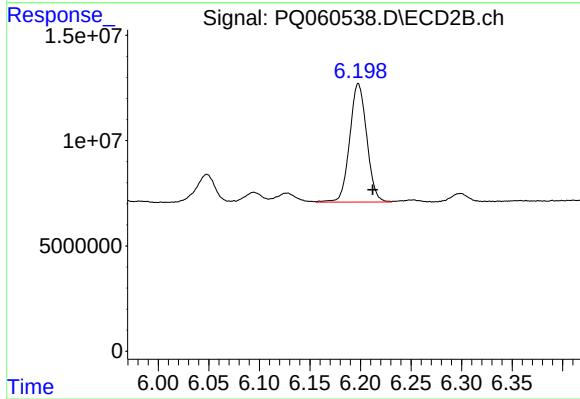
#34 AR-1260-4

R.T.: 5.949 min
Delta R.T.: -0.012 min
Response: 34091420
Conc: 57.84 ng/ml



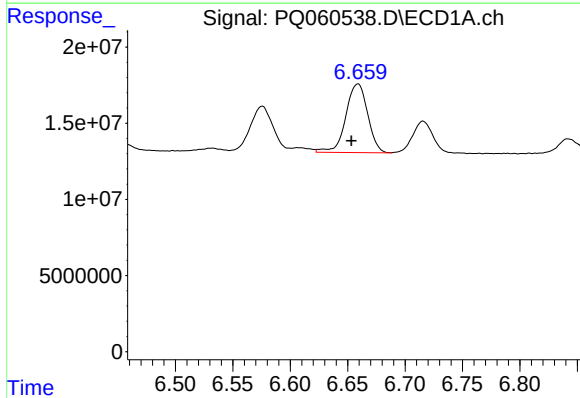
#35 AR-1260-5

R.T.: 7.189 min
Delta R.T.: -0.011 min
Response: 99013298
Conc: 50.93 ng/ml



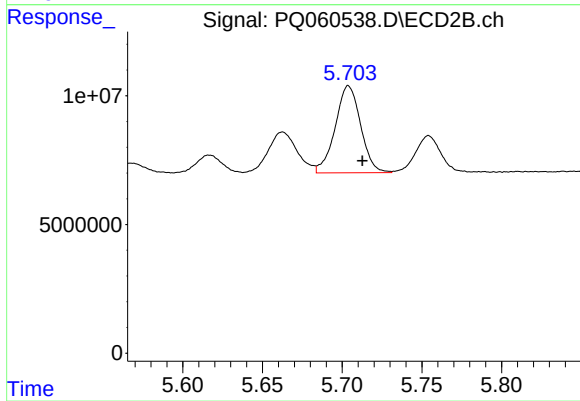
#35 AR-1260-5

R.T.: 6.198 min
Delta R.T.: -0.014 min
Response: 66010778
Conc: 47.99 ng/ml



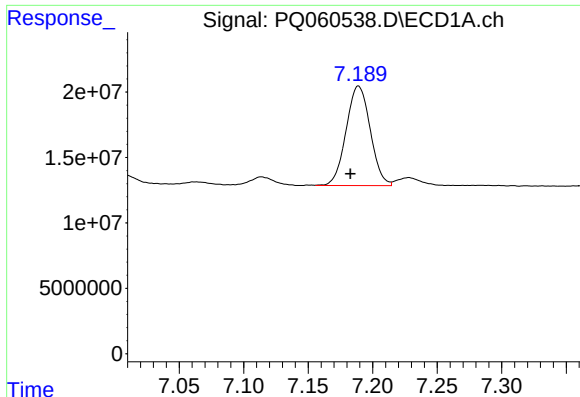
#36 AR-1262-1

R.T.: 6.659 min
Delta R.T.: 0.006 min
Response: 59897629
Conc: 52.10 ng/ml



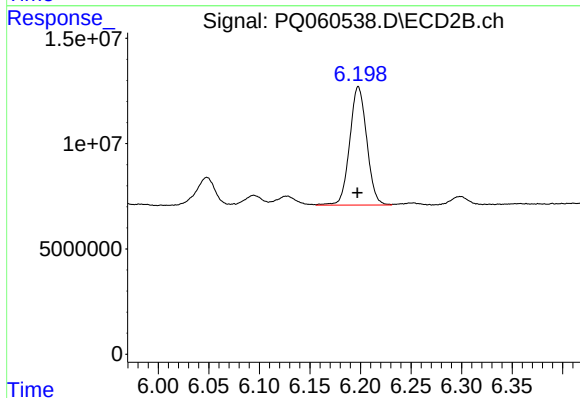
#36 AR-1262-1

R.T.: 5.704 min
Delta R.T.: -0.009 min
Response: 37596399
Conc: 48.08 ng/ml



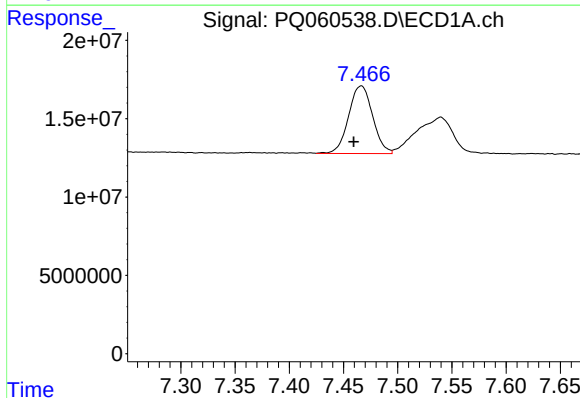
#37 AR-1262-2

R.T.: 7.189 min
Delta R.T.: 0.006 min
Response: 99013298
Conc: 49.37 ng/ml



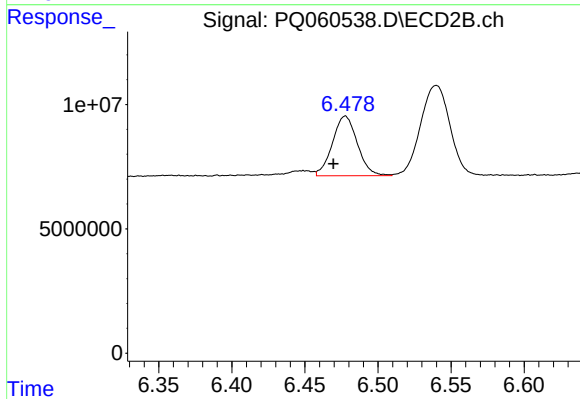
#37 AR-1262-2

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 66010778
Conc: 46.52 ng/ml



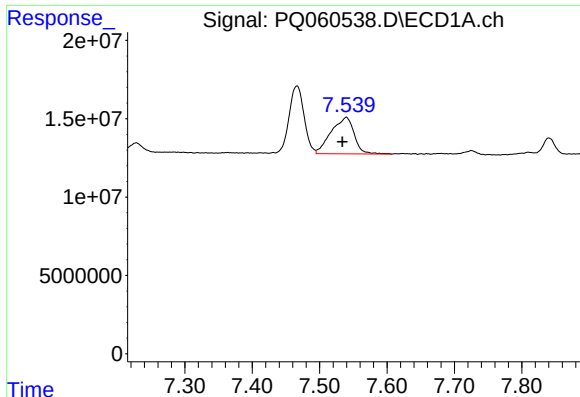
#38 AR-1262-3

R.T.: 7.466 min
Delta R.T.: 0.007 min
Response: 66693113
Conc: 50.95 ng/ml



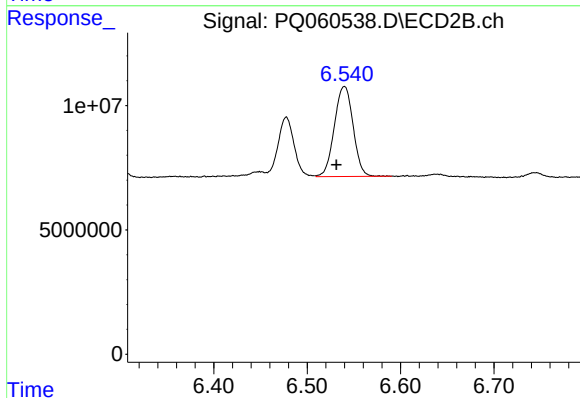
#38 AR-1262-3

R.T.: 6.478 min
Delta R.T.: 0.008 min
Response: 28491355
Conc: 50.19 ng/ml



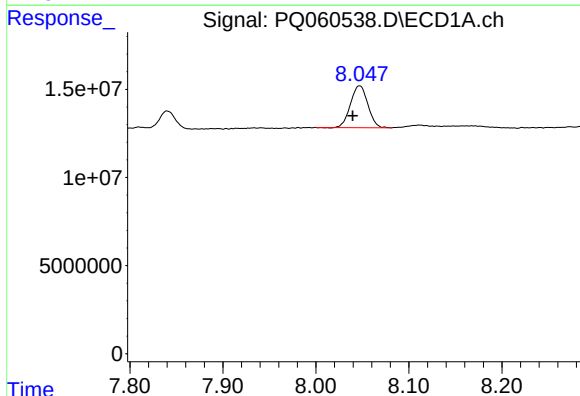
#39 AR-1262-4

R.T.: 7.540 min
Delta R.T.: 0.006 min
Response: 55603635
Conc: 54.38 ng/ml



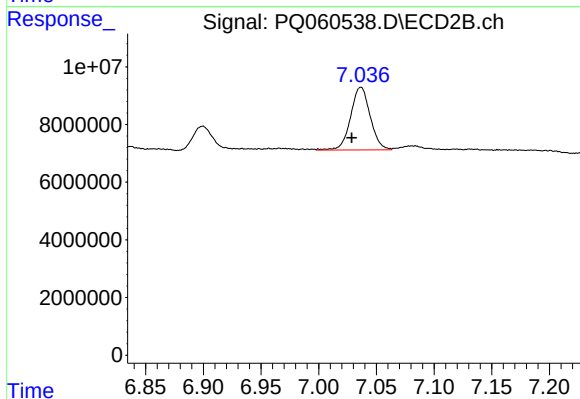
#39 AR-1262-4

R.T.: 6.540 min
Delta R.T.: 0.009 min
Response: 50344292
Conc: 47.13 ng/ml



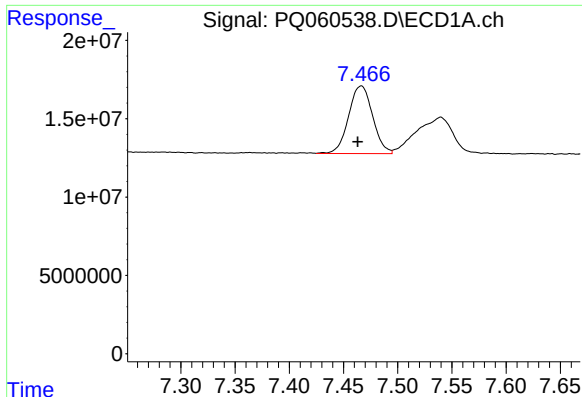
#40 AR-1262-5

R.T.: 8.047 min
Delta R.T.: 0.007 min
Response: 30814516
Conc: 47.38 ng/ml



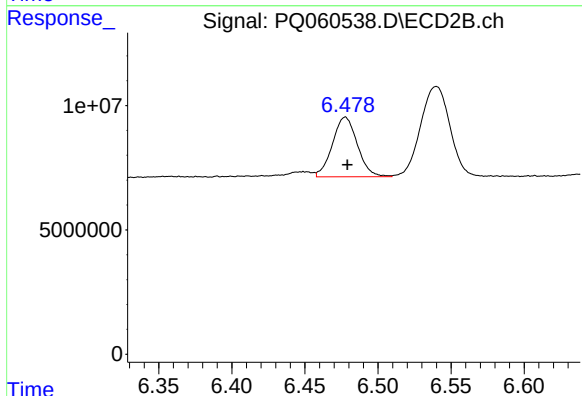
#40 AR-1262-5

R.T.: 7.037 min
Delta R.T.: 0.008 min
Response: 25679556
Conc: 49.59 ng/ml



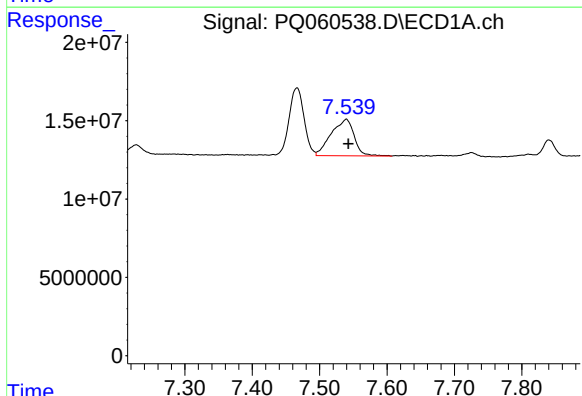
#41 AR-1268-1

R.T.: 7.466 min
Delta R.T.: 0.003 min
Response: 66693113
Conc: 29.20 ng/ml



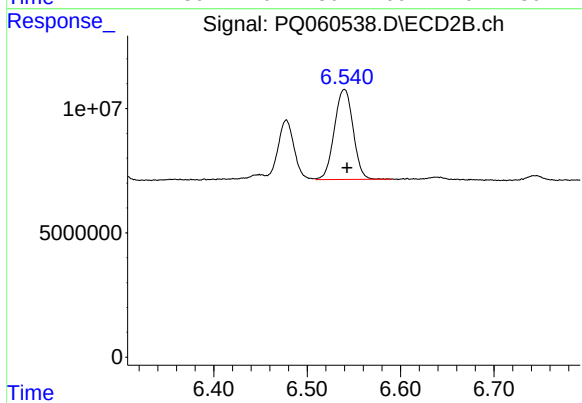
#41 AR-1268-1

R.T.: 6.478 min
Delta R.T.: -0.001 min
Response: 28491355
Conc: 16.82 ng/ml



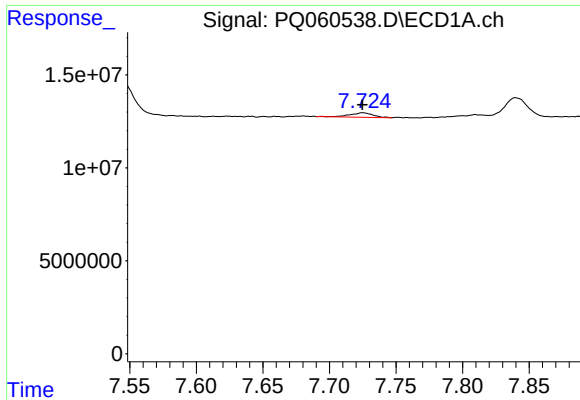
#42 AR-1268-2

R.T.: 7.540 min
Delta R.T.: -0.003 min
Response: 55603635
Conc: 26.19 ng/ml



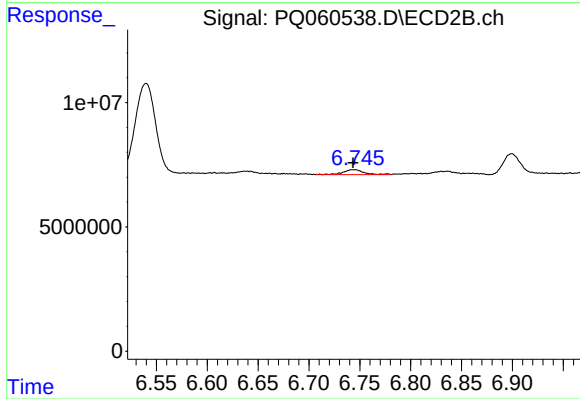
#42 AR-1268-2

R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 50344292
Conc: 32.35 ng/ml



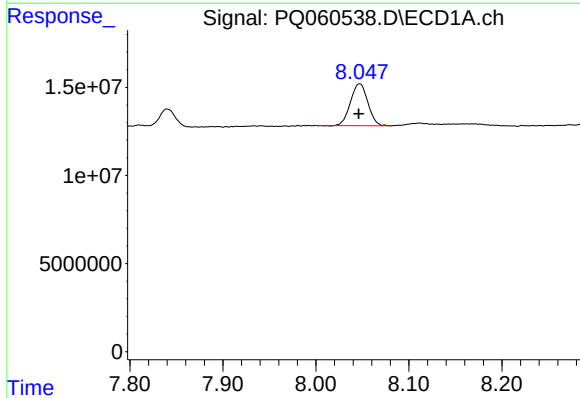
#43 AR-1268-3

R.T.: 7.725 min
Delta R.T.: 0.000 min
Response: 2883015
Conc: 1.66 ng/ml



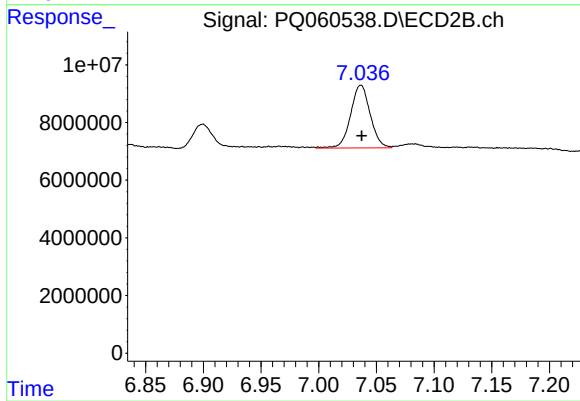
#43 AR-1268-3

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 2882785
Conc: 2.12 ng/ml



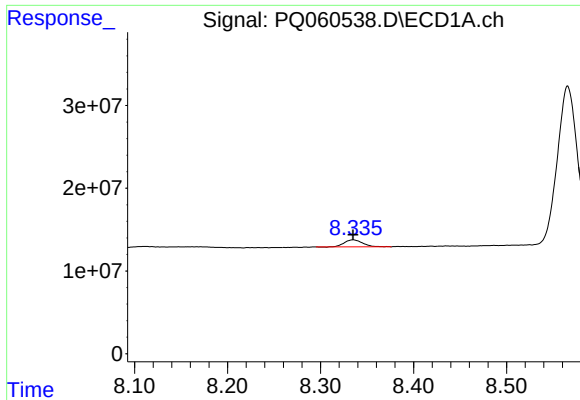
#44 AR-1268-4

R.T.: 8.047 min
Delta R.T.: 0.000 min
Response: 30814516
Conc: 41.46 ng/ml



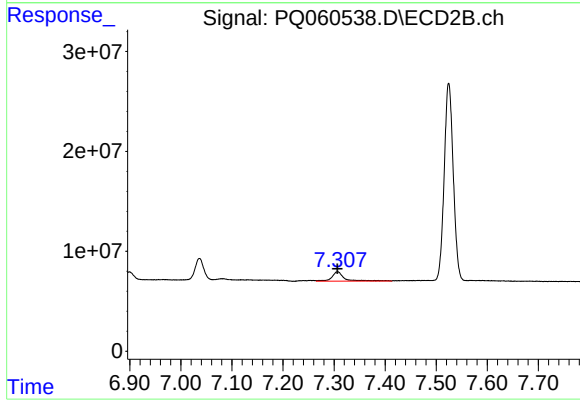
#44 AR-1268-4

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 25679556
Conc: 43.52 ng/ml



#45 AR-1268-5

R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 11615161
Conc: 2.25 ng/ml



#45 AR-1268-5

R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 15904077
Conc: 3.73 ng/ml