

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022723\
 Data File : PQ060533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2023 20:44
 Operator : YP\AJ
 Sample : 01627-07
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 23:33:16 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	464.3E6	245.1E6	20.177	21.791
2)	SA Decachlor...	8.566	7.536	624509	647540	0.046	0.060 #
Target Compounds							
3)	L1 AR-1016-1	4.536	3.787	8556004	1479742	10.763	3.793 #
4)	L1 AR-1016-2	4.536	3.804	8556004	2270931	7.150	3.850 #
5)	L1 AR-1016-3	4.590	3.960	5167253	817582	6.973	2.600 #
6)	L1 AR-1016-4	4.684	4.014	1238847	147614	1.997	0.602 #
7)	L1 AR-1016-5	4.959	4.209	2454262	1739711	4.172	5.447 #
8)	L2 AR-1221-1	3.630	2.996	14252510	5751705	59.495	51.172
9)	L2 AR-1221-2	3.710	3.069	15345294	6979777	87.789	83.846
10)	L2 AR-1221-3	3.778	3.140	28500425	14568862	54.479	56.387
11)	L3 AR-1232-1	3.778	3.140	28500425	14568862	54.280	54.420
12)	L3 AR-1232-2	4.262	3.804	4095125	2270931	15.334	8.456 #
13)	L3 AR-1232-3	4.536	3.960	8556004	817582	15.689	5.871 #
14)	L3 AR-1232-4	4.684	4.042	1238847	433146	4.585	3.650
15)	L3 AR-1232-5	4.759	4.209	3877464	1739711	20.772	12.766 #
16)	L4 AR-1242-1	4.518	3.787	4500585	1479742	7.288	4.602 #
17)	L4 AR-1242-2	4.536	3.804	8556004	2270931	9.112	4.740 #
18)	L4 AR-1242-3	4.590	3.960	5167253	817582	8.946	3.154 #
19)	L4 AR-1242-4	4.684	4.042	1238847	433146	2.541	1.810 #
20)	L4 AR-1242-5	5.386	4.535	2455657	156588	4.924	0.507 #
21)	L5 AR-1248-1	4.518	3.787	4500585	1479742	9.439	6.041 #
22)	L5 AR-1248-2	4.759	4.008	3877464	176522	6.234	0.513 #
23)	L5 AR-1248-3	4.959	4.042	2454262	433146	3.238	1.242 #
24)	L5 AR-1248-4	5.339	4.209	3080311	1739711	3.688	4.111
25)	L5 AR-1248-5	5.386	4.568	2455657	504362	2.936	1.185 #
26)	L6 AR-1254-1	5.339	4.531	3080311	508741	3.682	0.786 #
27)	L6 AR-1254-2	5.532	4.683	1432436	730365	1.120	1.326
28)	L6 AR-1254-3	5.881	5.052	2403968	2672424	1.770	3.117 #
29)	L6 AR-1254-4	6.138f	5.236f	394288	623233	0.398	1.113 #
30)	L6 AR-1254-5	6.566	5.678	3630610	1448598	3.458	1.787 #
31)	L7 AR-1260-1	6.053	5.176	4099288	524286	3.913	0.854 #
32)	L7 AR-1260-2	6.294	5.379	4707002	6140222	3.796	8.235 #
33)	L7 AR-1260-3	6.665	5.510	4725569	17764048	5.286	24.441 #
34)	L7 AR-1260-4	6.926f	5.956	49845893	5350178	50.591	9.077 #
35)	L7 AR-1260-5	7.194	6.203	1066936	1124371	0.549	0.817 #
36)	L8 AR-1262-1	6.665	5.734	4725569	657001	4.111	0.840 #
37)	L8 AR-1262-2	7.194	6.203	1066936	1124371	0.532	0.792 #
38)	L8 AR-1262-3	7.461	6.462	6238483	18285588	4.766	32.209 #
39)	L8 AR-1262-4	7.539	6.516	11081461	14288557	10.838	13.375
40)	L8 AR-1262-5	8.063	7.063f	2970011	6935290	4.567	13.393 #
41)	L9 AR-1268-1	7.461	6.489	6238483	16350885	2.731	9.656 #

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 Quant Time: Feb 27 23:33:16 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

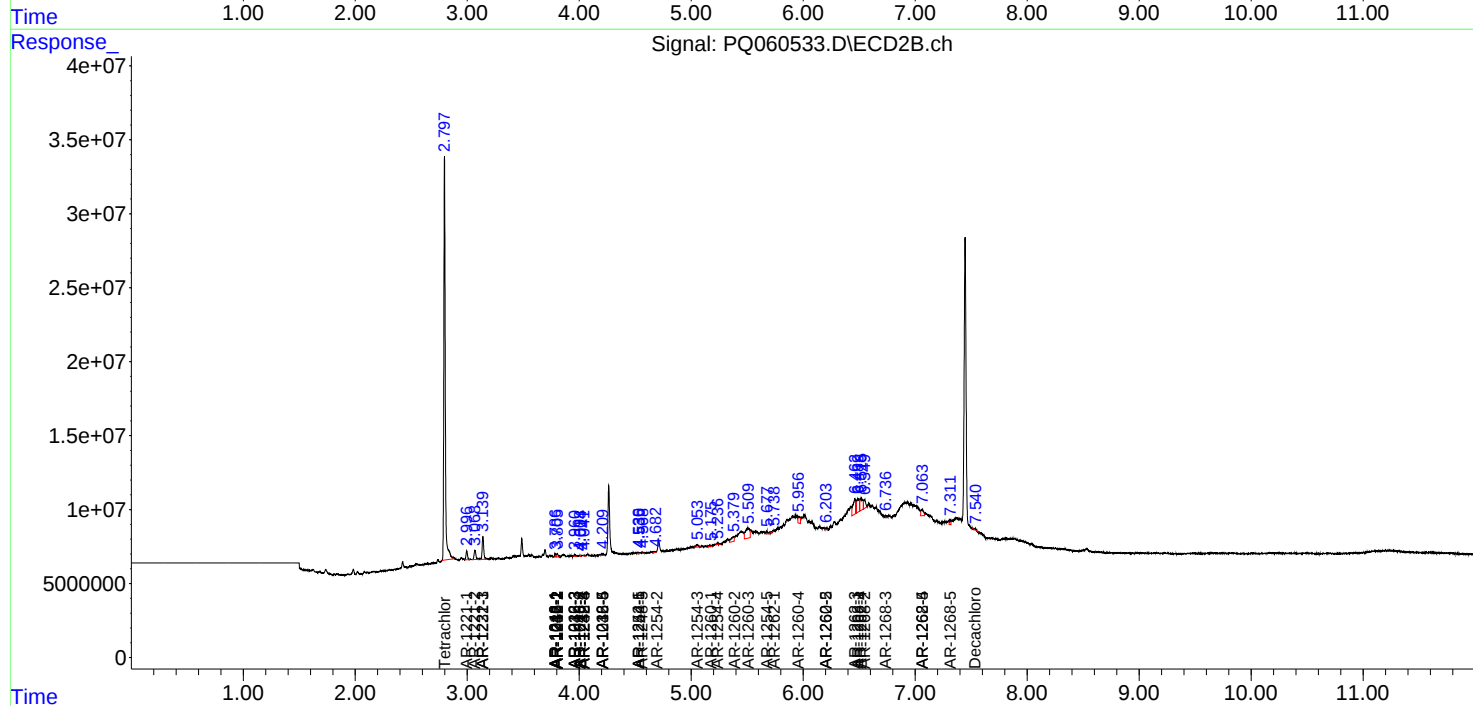
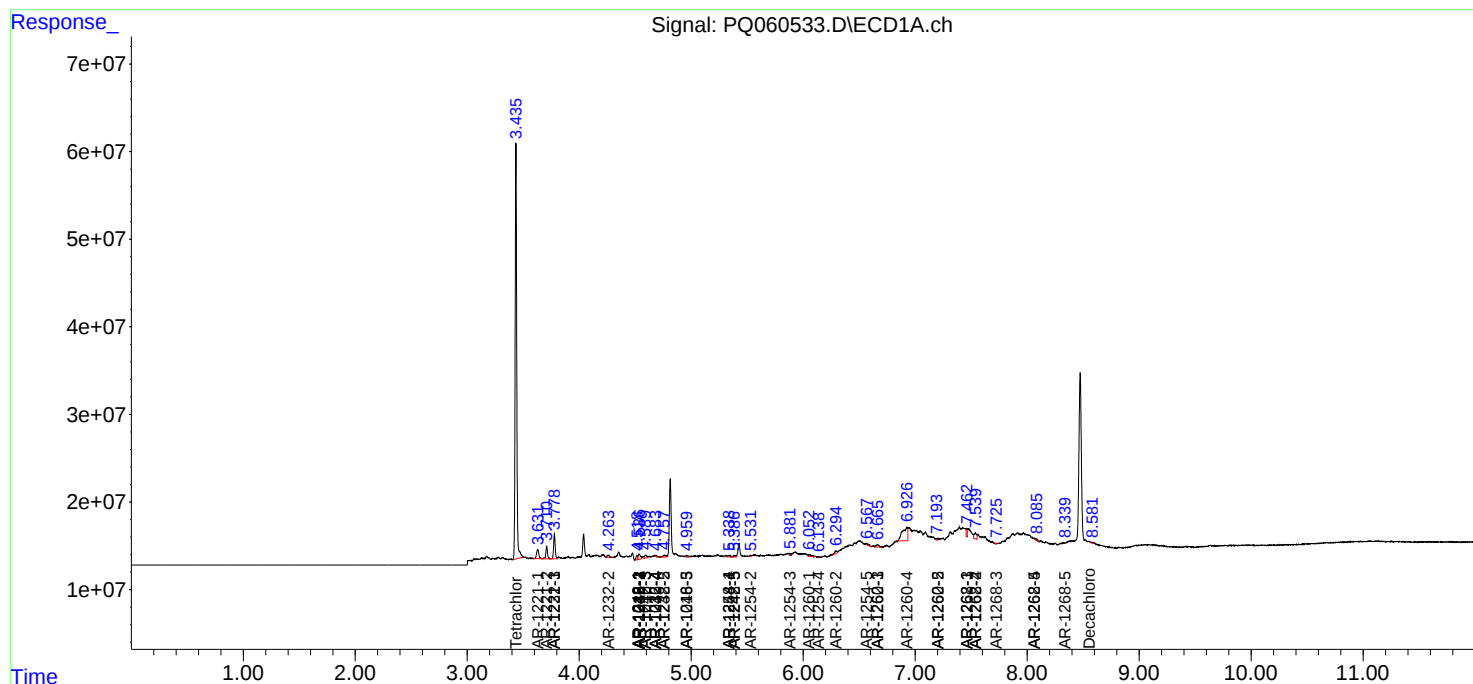
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.539	6.550	11081461	7426908	5.220	4.772
43) L9	AR-1268-3	7.726	6.736	34249	754123	0.020	0.554 #
44) L9	AR-1268-4	8.063	7.063f	2970011	6935290	3.996	11.753 #
45) L9	AR-1268-5	8.340	7.313	268590	2657908	0.052	0.623 #

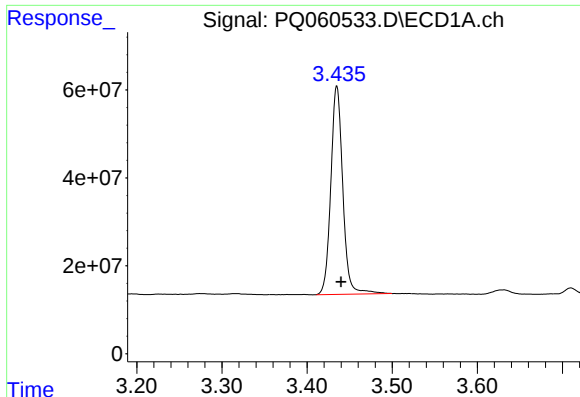
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Quant Time: Feb 27 23:33:16 2023
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Quant Title : GC EXTRACTABLES
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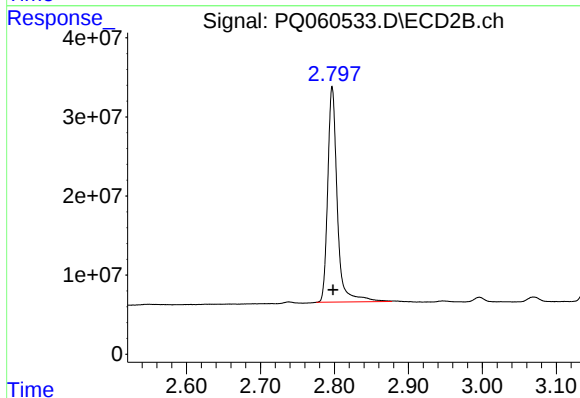
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





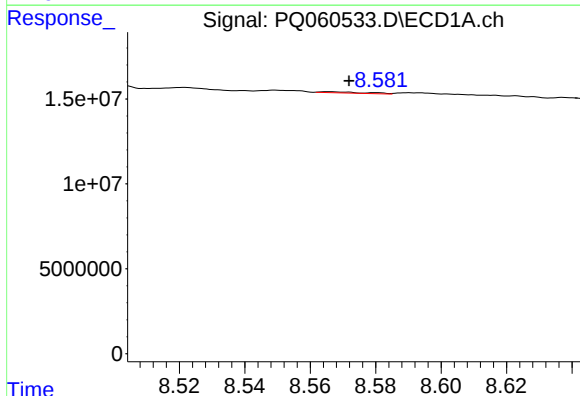
#1 Tetrachloro-m-xylene

R.T.: 3.435 min
Delta R.T.: -0.005 min
Response: 464284601
Conc: 20.18 ng/ml



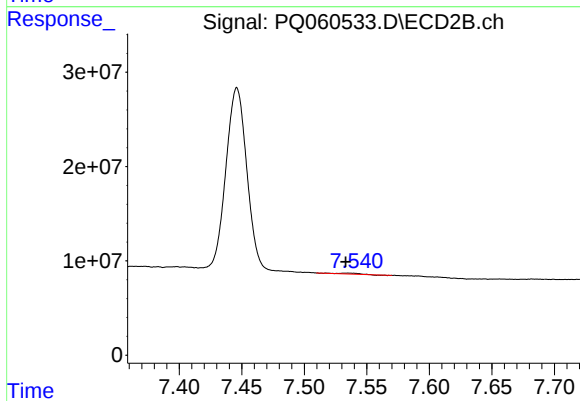
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 245145031
Conc: 21.79 ng/ml



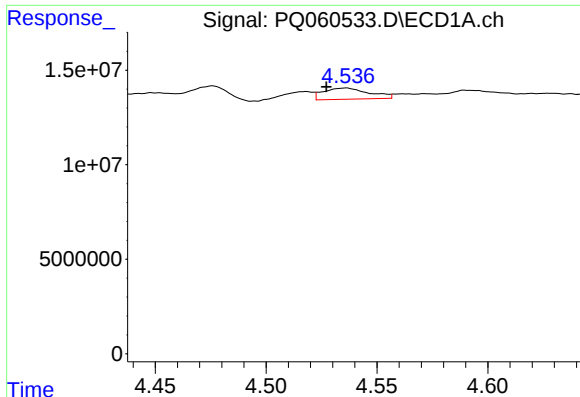
#2 Decachlorobiphenyl

R.T.: 8.566 min
Delta R.T.: -0.006 min
Response: 624509
Conc: 0.05 ng/ml



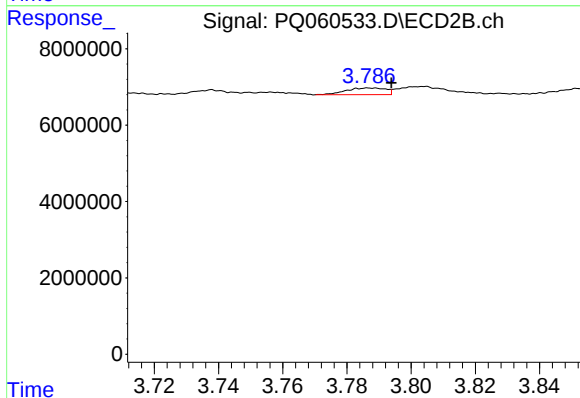
#2 Decachlorobiphenyl

R.T.: 7.536 min
Delta R.T.: 0.003 min
Response: 647540
Conc: 0.06 ng/ml



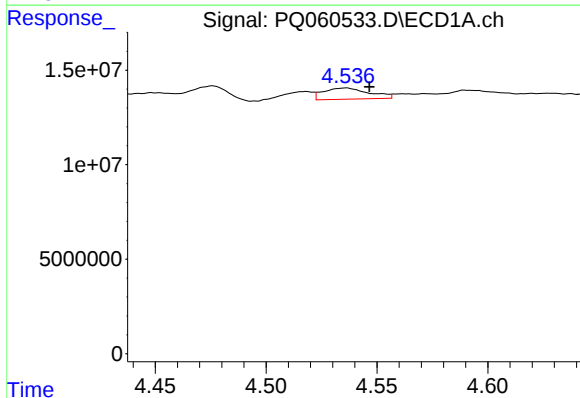
#3 AR-1016-1

R.T.: 4.536 min
Delta R.T.: 0.009 min
Response: 8556004
Conc: 10.76 ng/ml



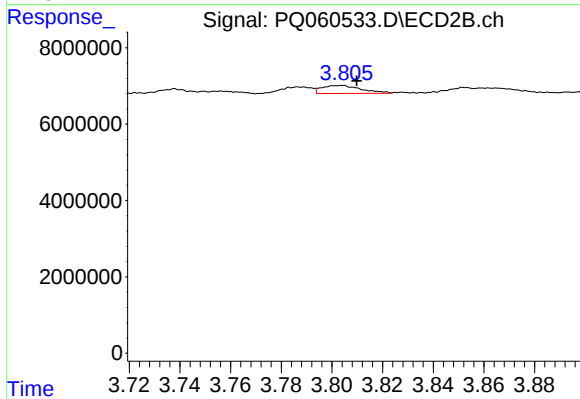
#3 AR-1016-1

R.T.: 3.787 min
Delta R.T.: -0.007 min
Response: 1479742
Conc: 3.79 ng/ml



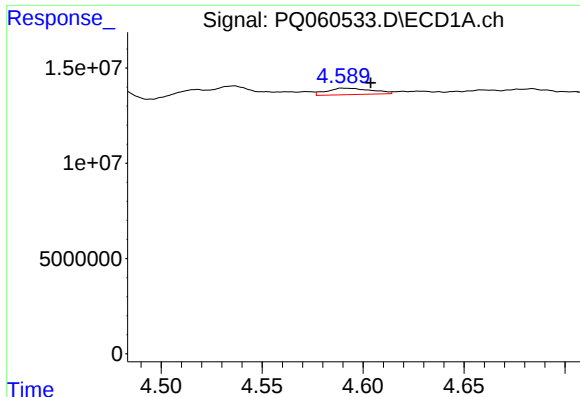
#4 AR-1016-2

R.T.: 4.536 min
Delta R.T.: -0.011 min
Response: 8556004
Conc: 7.15 ng/ml



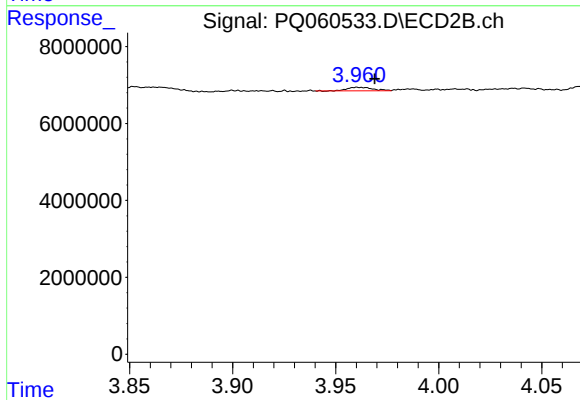
#4 AR-1016-2

R.T.: 3.804 min
Delta R.T.: -0.005 min
Response: 2270931
Conc: 3.85 ng/ml



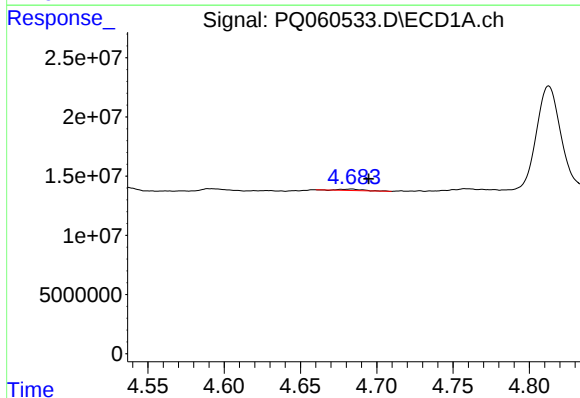
#5 AR-1016-3

R.T.: 4.590 min
Delta R.T.: -0.013 min
Response: 5167253
Conc: 6.97 ng/ml



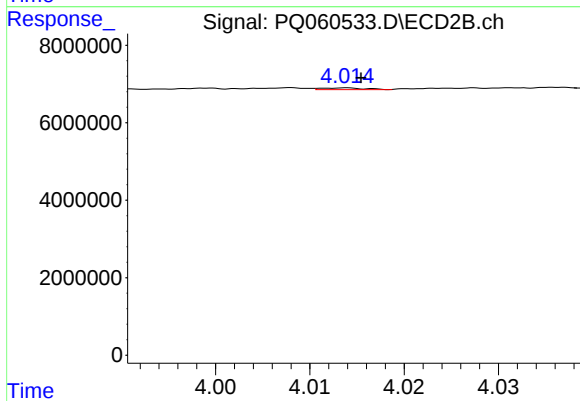
#5 AR-1016-3

R.T.: 3.960 min
Delta R.T.: -0.009 min
Response: 817582
Conc: 2.60 ng/ml



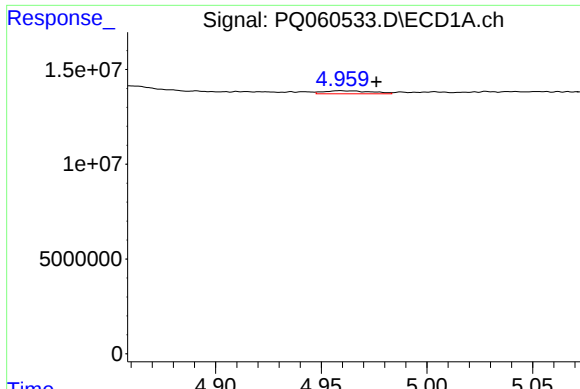
#6 AR-1016-4

R.T.: 4.684 min
Delta R.T.: -0.011 min
Response: 1238847
Conc: 2.00 ng/ml



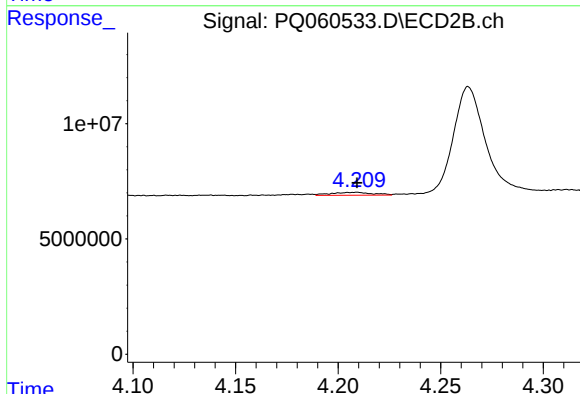
#6 AR-1016-4

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 147614
Conc: 0.60 ng/ml



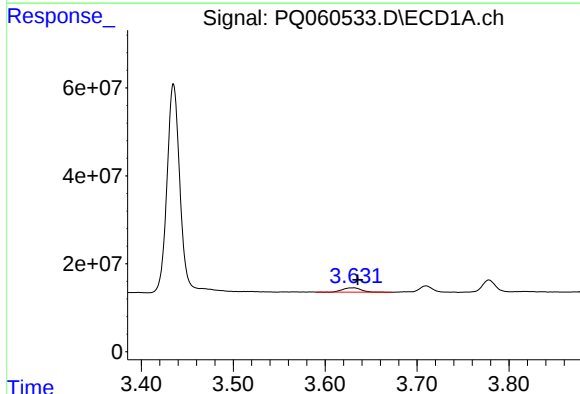
#7 AR-1016-5

R.T.: 4.959 min
Delta R.T.: -0.017 min
Response: 2454262
Conc: 4.17 ng/ml



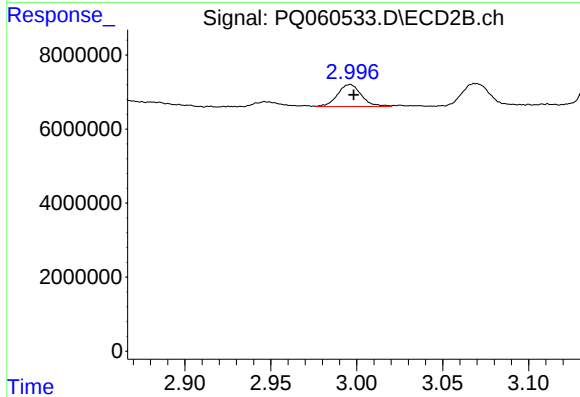
#7 AR-1016-5

R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 1739711
Conc: 5.45 ng/ml



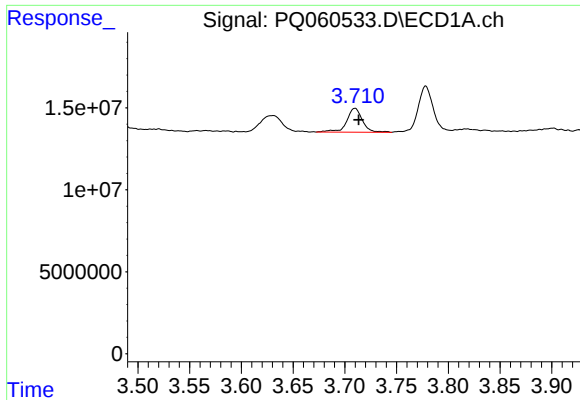
#8 AR-1221-1

R.T.: 3.630 min
Delta R.T.: -0.005 min
Response: 14252510
Conc: 59.50 ng/ml



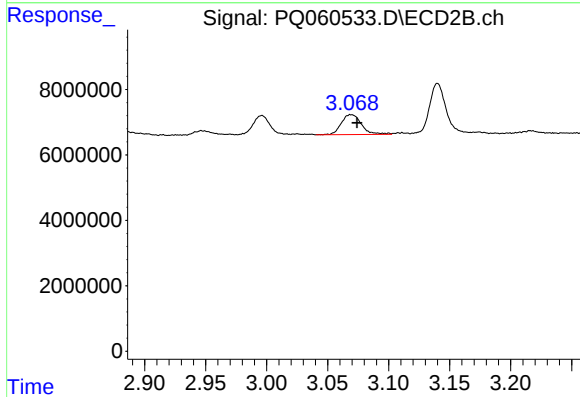
#8 AR-1221-1

R.T.: 2.996 min
Delta R.T.: -0.002 min
Response: 5751705
Conc: 51.17 ng/ml



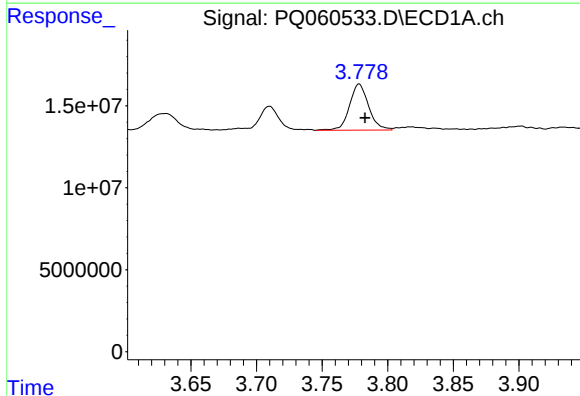
#9 AR-1221-2

R.T.: 3.710 min
Delta R.T.: -0.004 min
Response: 15345294
Conc: 87.79 ng/ml



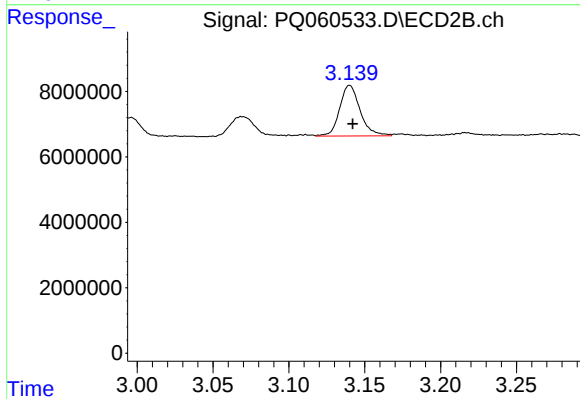
#9 AR-1221-2

R.T.: 3.069 min
Delta R.T.: -0.005 min
Response: 6979777
Conc: 83.85 ng/ml



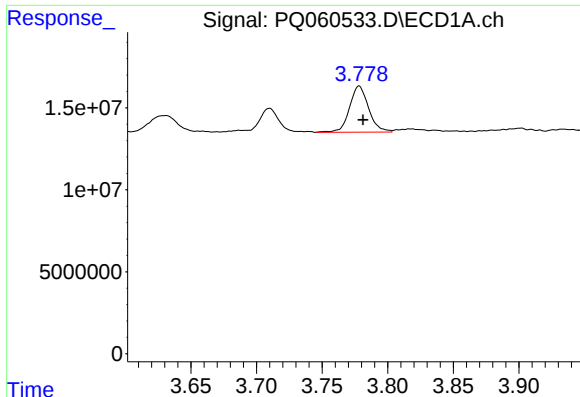
#10 AR-1221-3

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 28500425
Conc: 54.48 ng/ml



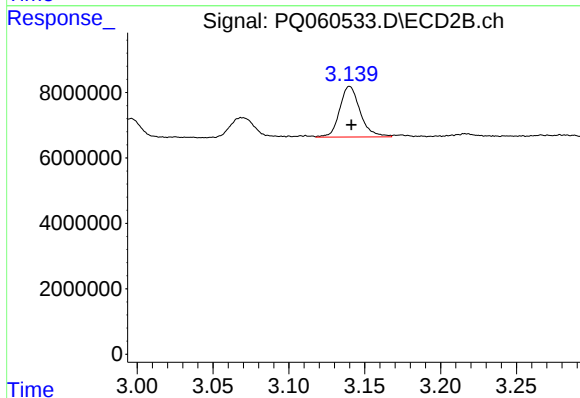
#10 AR-1221-3

R.T.: 3.140 min
Delta R.T.: -0.002 min
Response: 14568862
Conc: 56.39 ng/ml



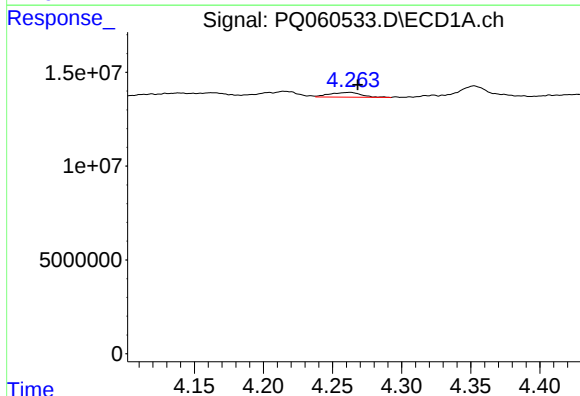
#11 AR-1232-1

R.T.: 3.778 min
Delta R.T.: -0.003 min
Response: 28500425
Conc: 54.28 ng/ml



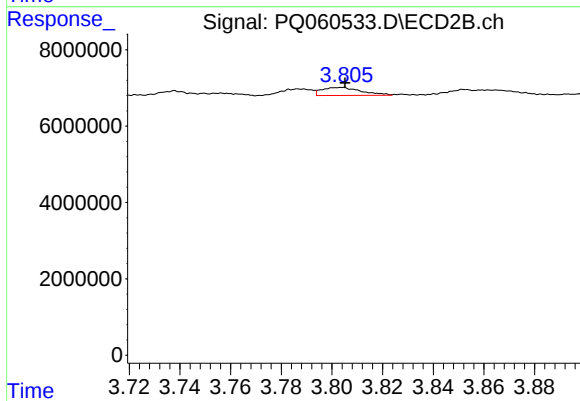
#11 AR-1232-1

R.T.: 3.140 min
Delta R.T.: -0.001 min
Response: 14568862
Conc: 54.42 ng/ml



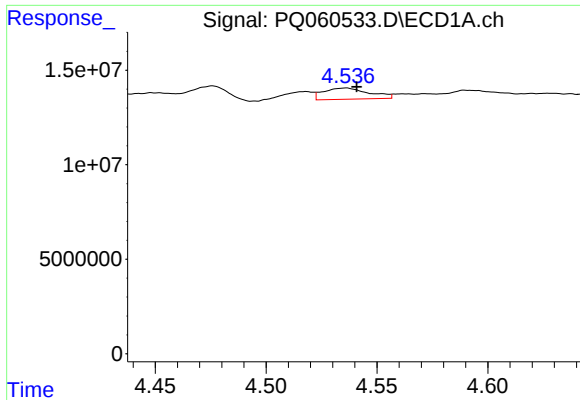
#12 AR-1232-2

R.T.: 4.262 min
Delta R.T.: -0.006 min
Response: 4095125
Conc: 15.33 ng/ml



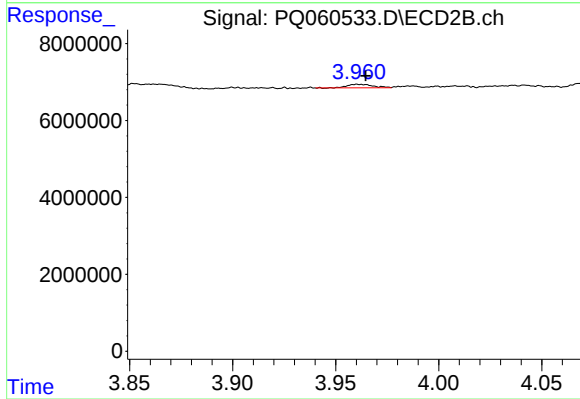
#12 AR-1232-2

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 2270931
Conc: 8.46 ng/ml



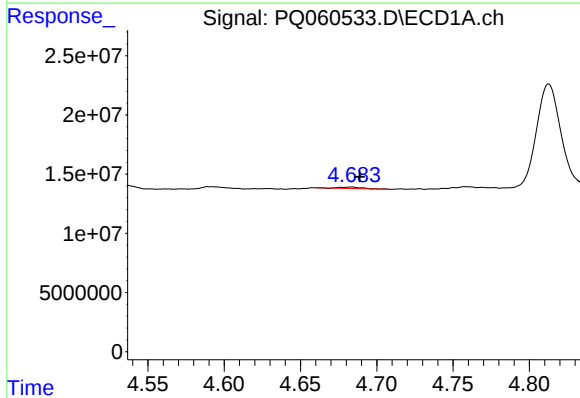
#13 AR-1232-3

R.T.: 4.536 min
Delta R.T.: -0.005 min
Response: 8556004
Conc: 15.69 ng/ml



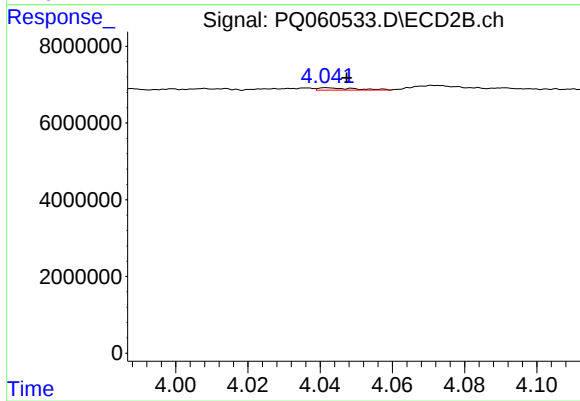
#13 AR-1232-3

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 817582
Conc: 5.87 ng/ml



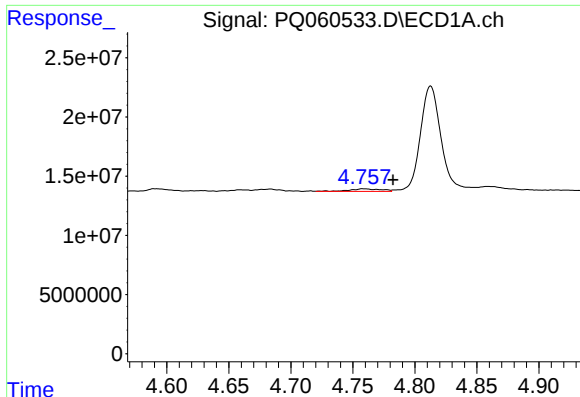
#14 AR-1232-4

R.T.: 4.684 min
Delta R.T.: -0.005 min
Response: 1238847
Conc: 4.59 ng/ml



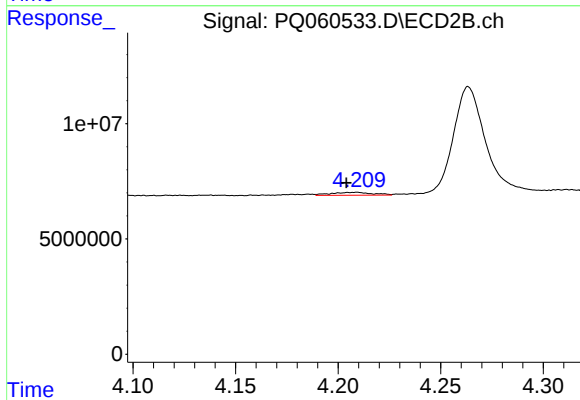
#14 AR-1232-4

R.T.: 4.042 min
Delta R.T.: -0.006 min
Response: 433146
Conc: 3.65 ng/ml



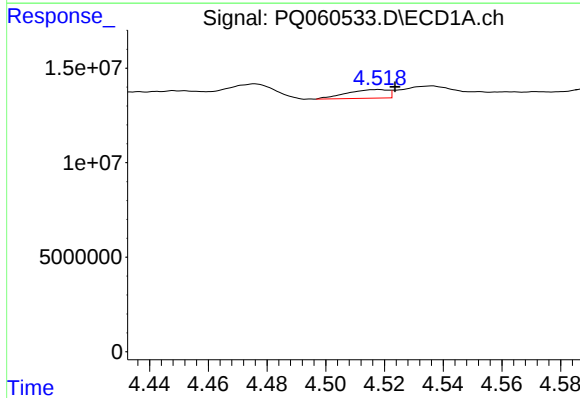
#15 AR-1232-5

R.T.: 4.759 min
Delta R.T.: -0.024 min
Response: 3877464
Conc: 20.77 ng/ml



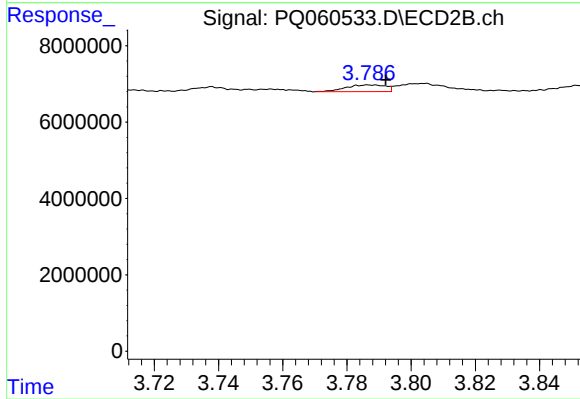
#15 AR-1232-5

R.T.: 4.209 min
Delta R.T.: 0.005 min
Response: 1739711
Conc: 12.77 ng/ml



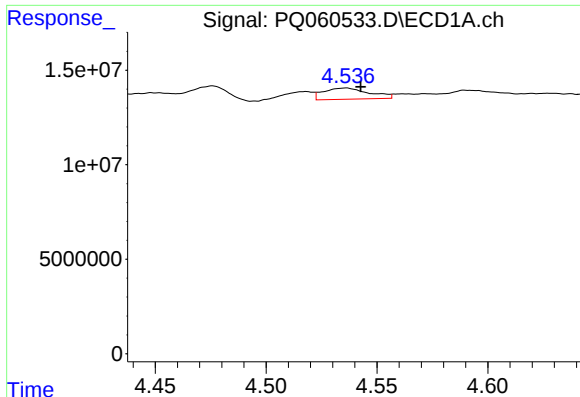
#16 AR-1242-1

R.T.: 4.518 min
Delta R.T.: -0.006 min
Response: 4500585
Conc: 7.29 ng/ml



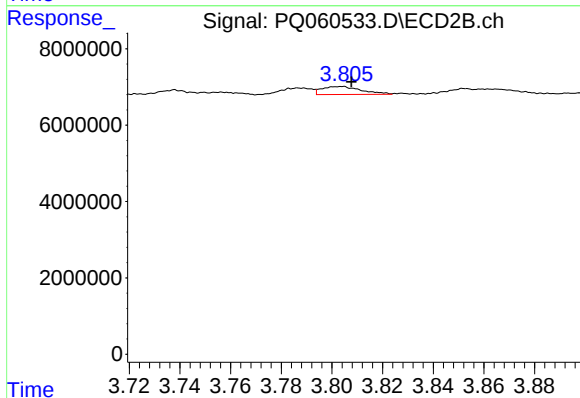
#16 AR-1242-1

R.T.: 3.787 min
Delta R.T.: -0.005 min
Response: 1479742
Conc: 4.60 ng/ml



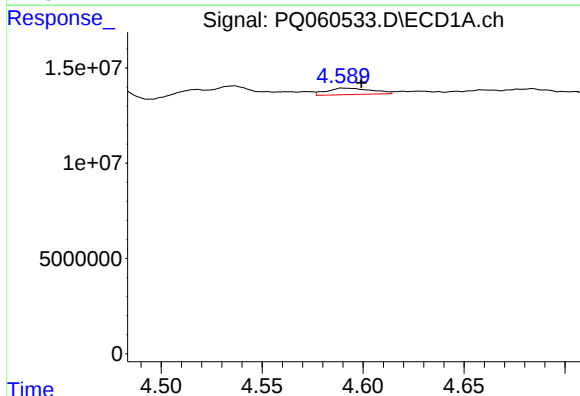
#17 AR-1242-2

R.T.: 4.536 min
Delta R.T.: -0.007 min
Response: 8556004
Conc: 9.11 ng/ml



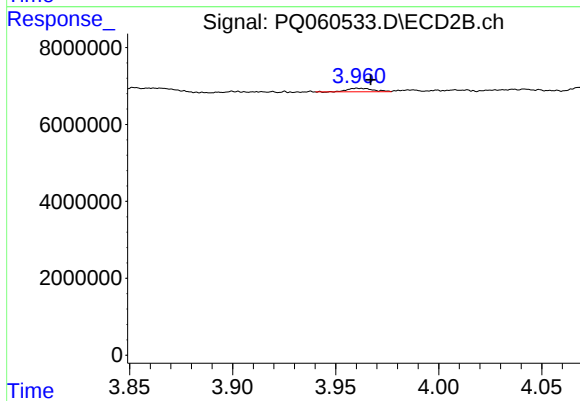
#17 AR-1242-2

R.T.: 3.804 min
Delta R.T.: -0.003 min
Response: 2270931
Conc: 4.74 ng/ml



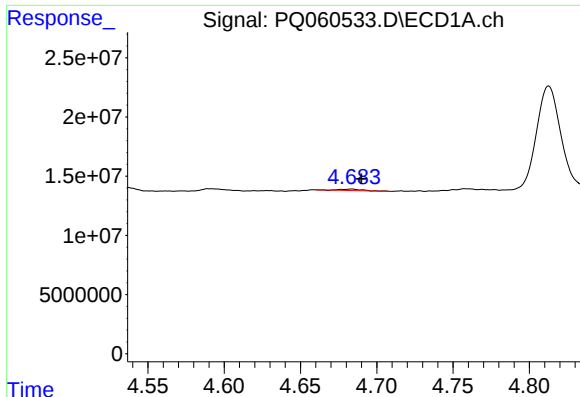
#18 AR-1242-3

R.T.: 4.590 min
Delta R.T.: -0.009 min
Response: 5167253
Conc: 8.95 ng/ml



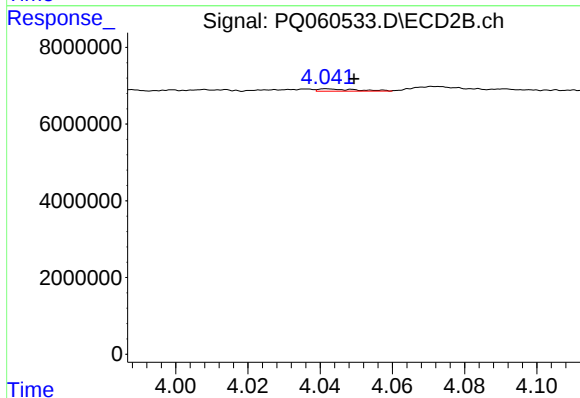
#18 AR-1242-3

R.T.: 3.960 min
Delta R.T.: -0.007 min
Response: 817582
Conc: 3.15 ng/ml



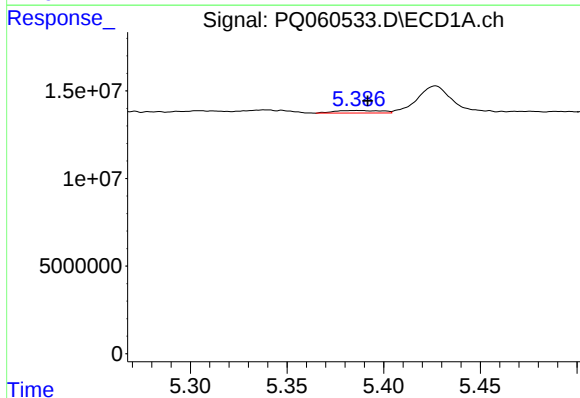
#19 AR-1242-4

R.T.: 4.684 min
Delta R.T.: -0.006 min
Response: 1238847
Conc: 2.54 ng/ml



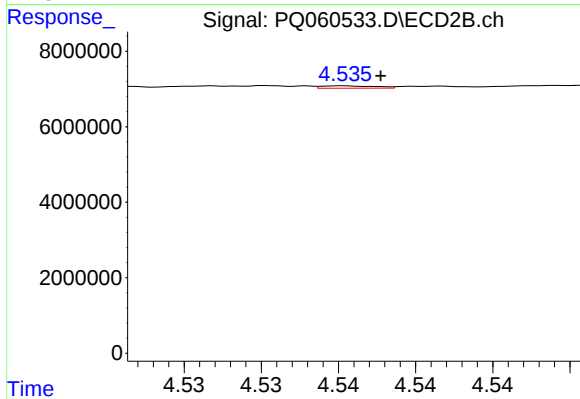
#19 AR-1242-4

R.T.: 4.042 min
Delta R.T.: -0.008 min
Response: 433146
Conc: 1.81 ng/ml



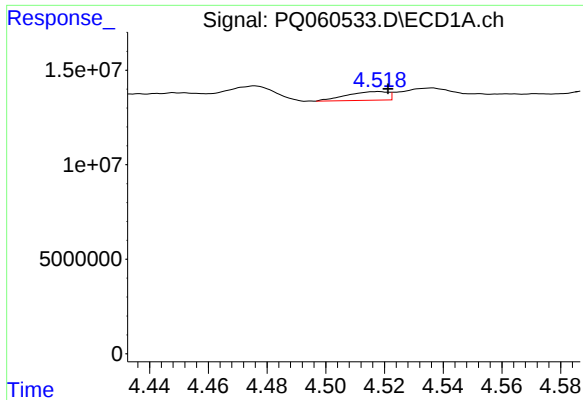
#20 AR-1242-5

R.T.: 5.386 min
Delta R.T.: -0.005 min
Response: 2455657
Conc: 4.92 ng/ml



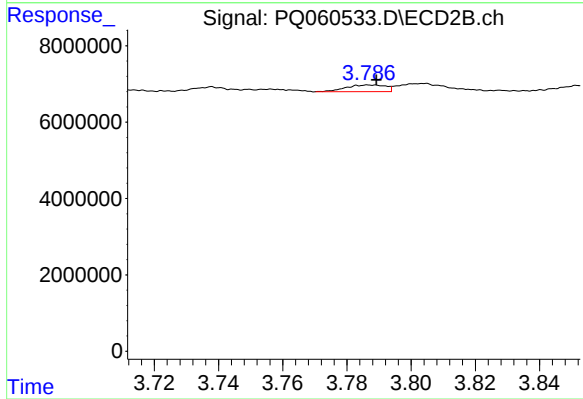
#20 AR-1242-5

R.T.: 4.535 min
Delta R.T.: -0.002 min
Response: 156588
Conc: 0.51 ng/ml



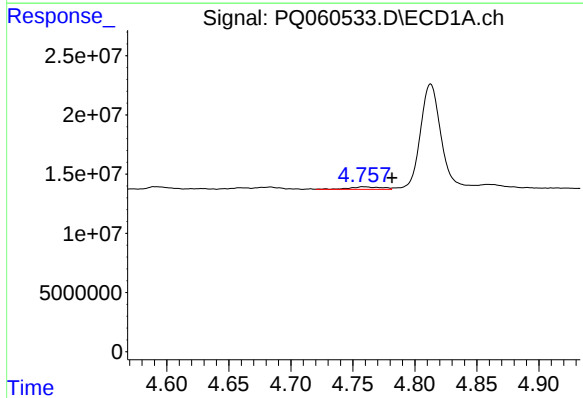
#21 AR-1248-1

R.T.: 4.518 min
Delta R.T.: -0.004 min
Response: 4500585
Conc: 9.44 ng/ml



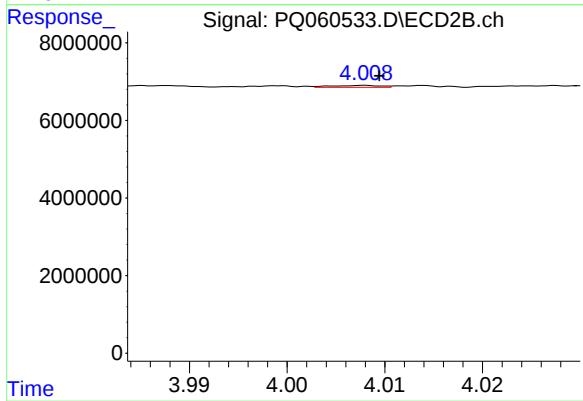
#21 AR-1248-1

R.T.: 3.787 min
Delta R.T.: -0.003 min
Response: 1479742
Conc: 6.04 ng/ml



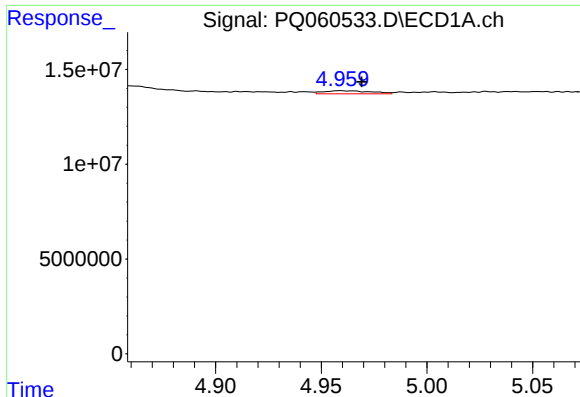
#22 AR-1248-2

R.T.: 4.759 min
Delta R.T.: -0.023 min
Response: 3877464
Conc: 6.23 ng/ml



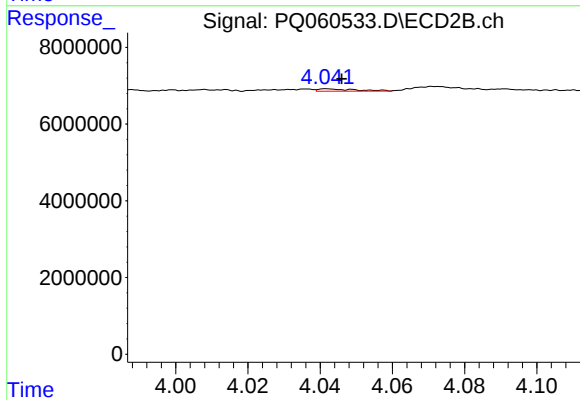
#22 AR-1248-2

R.T.: 4.008 min
Delta R.T.: -0.001 min
Response: 176522
Conc: 0.51 ng/ml



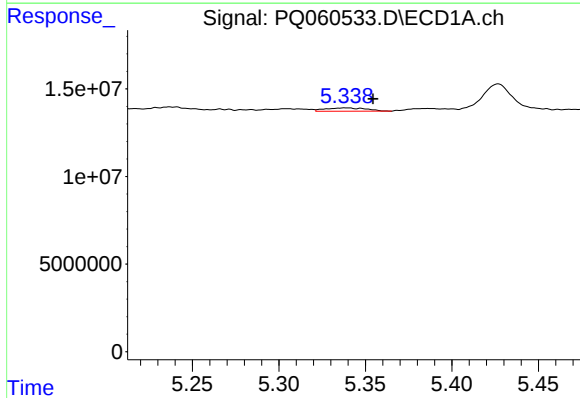
#23 AR-1248-3

R.T.: 4.959 min
Delta R.T.: -0.010 min
Response: 2454262
Conc: 3.24 ng/ml



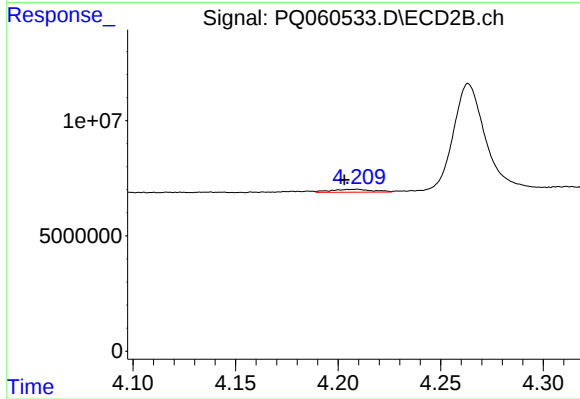
#23 AR-1248-3

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 433146
Conc: 1.24 ng/ml



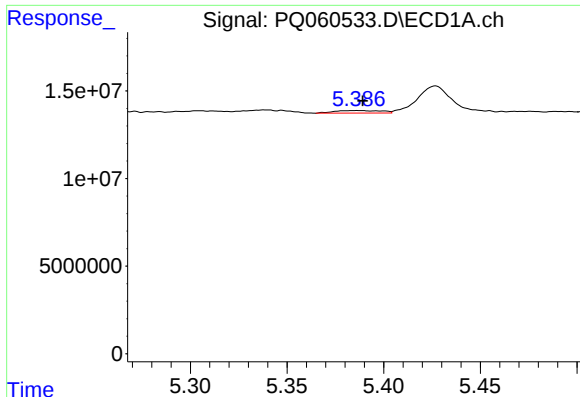
#24 AR-1248-4

R.T.: 5.339 min
Delta R.T.: -0.016 min
Response: 3080311
Conc: 3.69 ng/ml



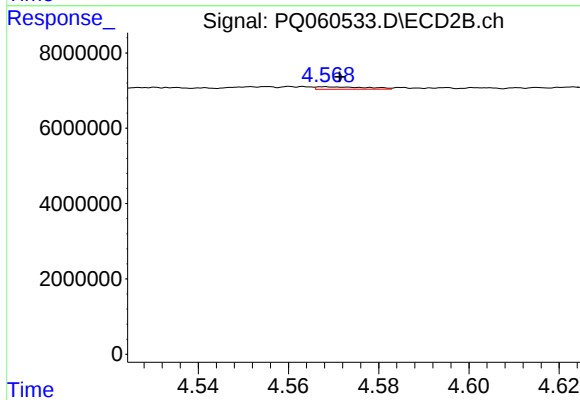
#24 AR-1248-4

R.T.: 4.209 min
Delta R.T.: 0.006 min
Response: 1739711
Conc: 4.11 ng/ml



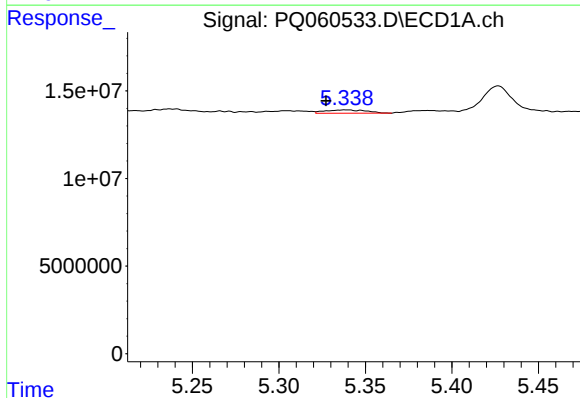
#25 AR-1248-5

R.T.: 5.386 min
Delta R.T.: -0.003 min
Response: 2455657
Conc: 2.94 ng/ml



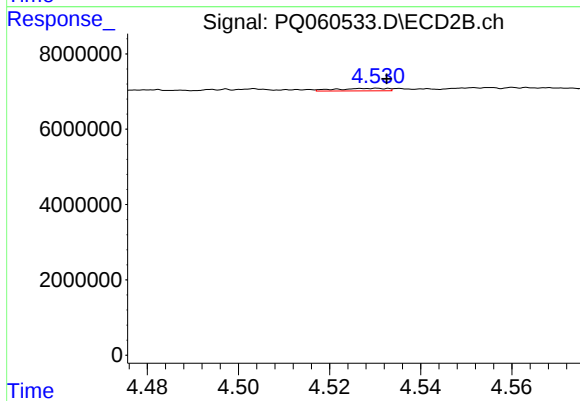
#25 AR-1248-5

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 504362
Conc: 1.18 ng/ml



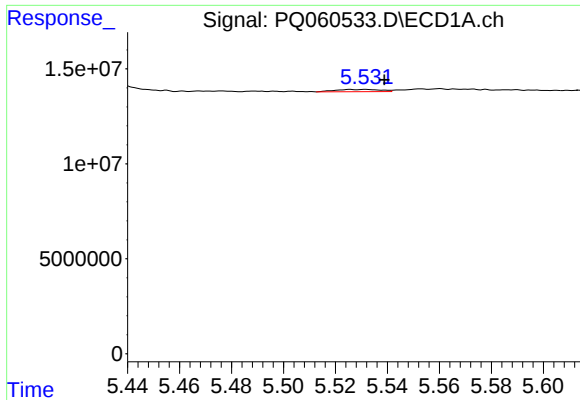
#26 AR-1254-1

R.T.: 5.339 min
Delta R.T.: 0.012 min
Response: 3080311
Conc: 3.68 ng/ml



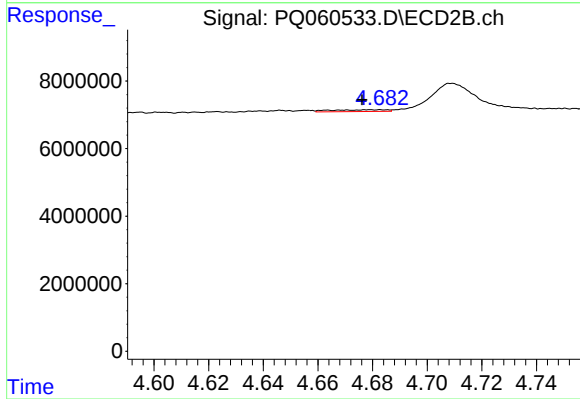
#26 AR-1254-1

R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 508741
Conc: 0.79 ng/ml



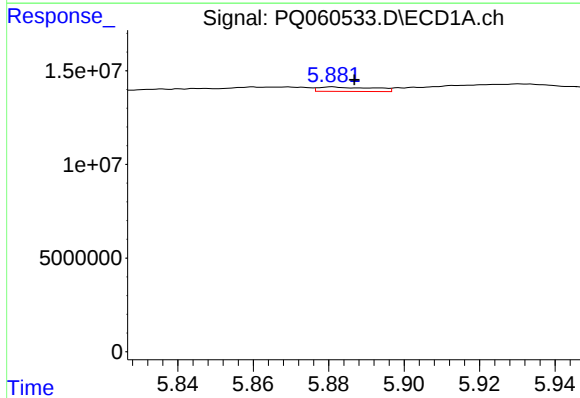
#27 AR-1254-2

R.T.: 5.532 min
Delta R.T.: -0.007 min
Response: 1432436
Conc: 1.12 ng/ml



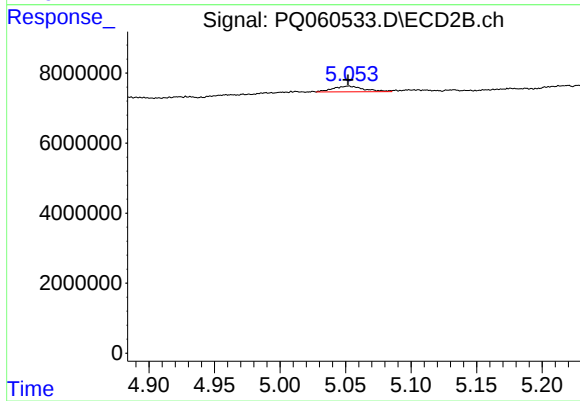
#27 AR-1254-2

R.T.: 4.683 min
Delta R.T.: 0.007 min
Response: 730365
Conc: 1.33 ng/ml



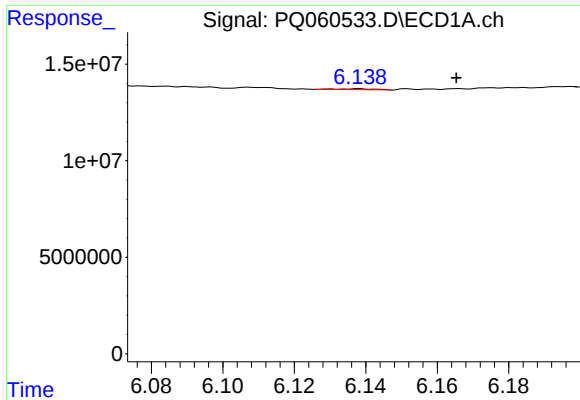
#28 AR-1254-3

R.T.: 5.881 min
Delta R.T.: -0.006 min
Response: 2403968
Conc: 1.77 ng/ml



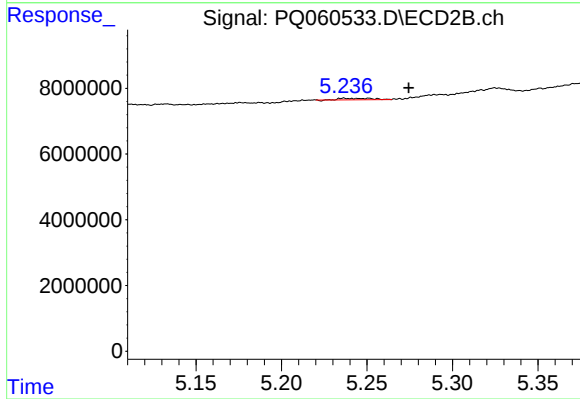
#28 AR-1254-3

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 2672424
Conc: 3.12 ng/ml



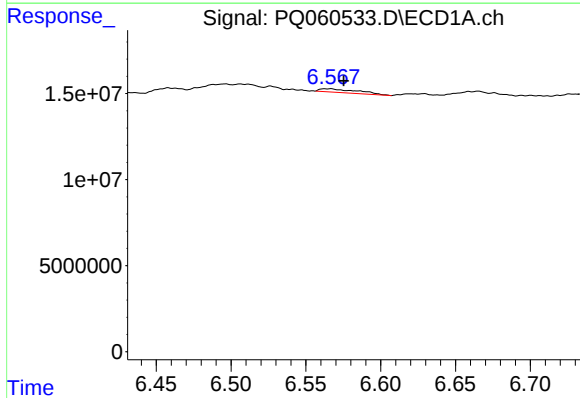
#29 AR-1254-4

R.T.: 6.138 min
Delta R.T.: -0.027 min
Response: 394288
Conc: 0.40 ng/ml



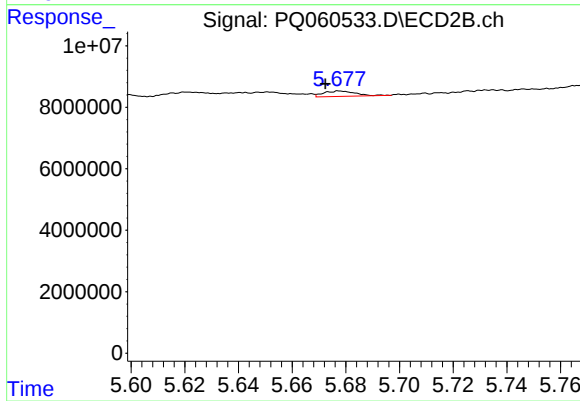
#29 AR-1254-4

R.T.: 5.236 min
Delta R.T.: -0.038 min
Response: 623233
Conc: 1.11 ng/ml



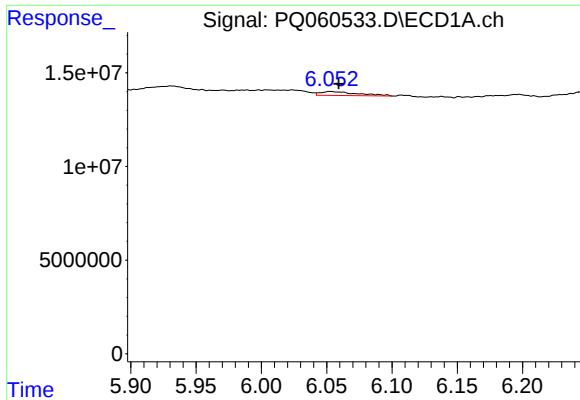
#30 AR-1254-5

R.T.: 6.566 min
Delta R.T.: -0.009 min
Response: 3630610
Conc: 3.46 ng/ml



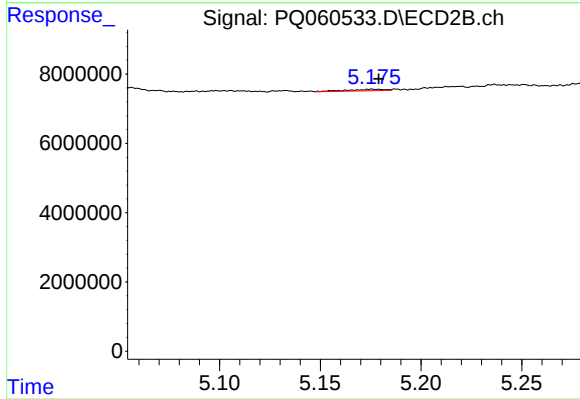
#30 AR-1254-5

R.T.: 5.678 min
Delta R.T.: 0.006 min
Response: 1448598
Conc: 1.79 ng/ml



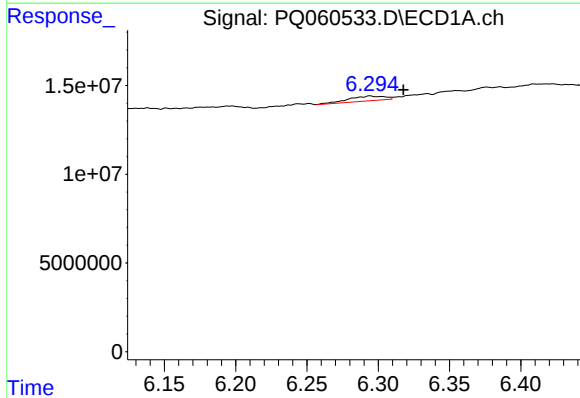
#31 AR-1260-1

R.T.: 6.053 min
Delta R.T.: -0.006 min
Response: 4099288
Conc: 3.91 ng/ml



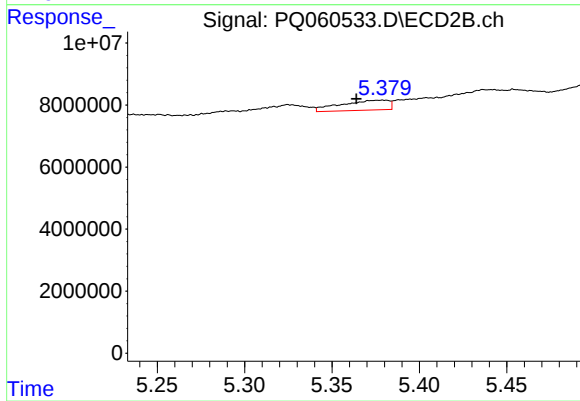
#31 AR-1260-1

R.T.: 5.176 min
Delta R.T.: -0.003 min
Response: 524286
Conc: 0.85 ng/ml



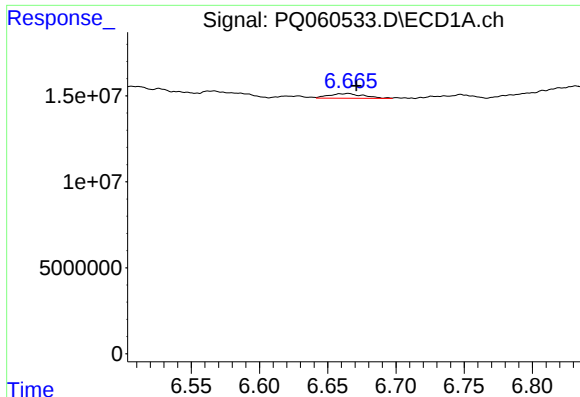
#32 AR-1260-2

R.T.: 6.294 min
Delta R.T.: -0.023 min
Response: 4707002
Conc: 3.80 ng/ml



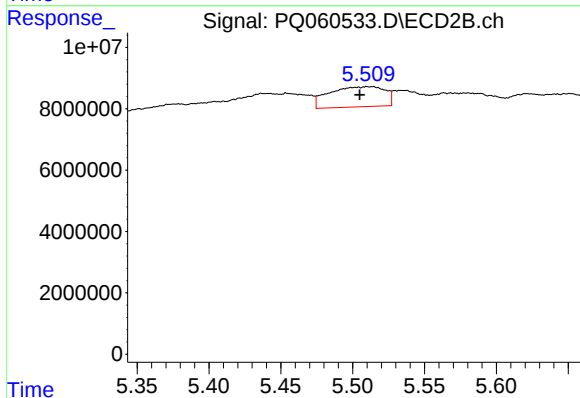
#32 AR-1260-2

R.T.: 5.379 min
Delta R.T.: 0.015 min
Response: 6140222
Conc: 8.23 ng/ml



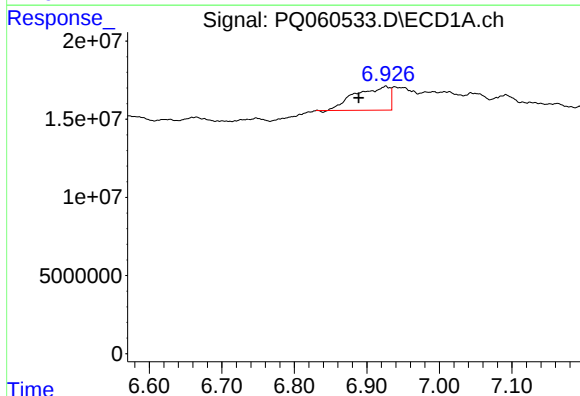
#33 AR-1260-3

R.T.: 6.665 min
Delta R.T.: -0.006 min
Response: 4725569
Conc: 5.29 ng/ml



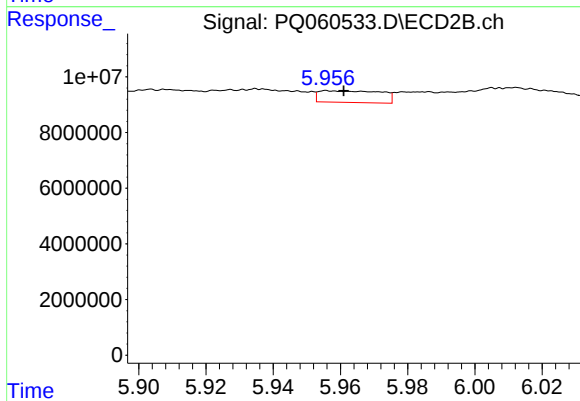
#33 AR-1260-3

R.T.: 5.510 min
Delta R.T.: 0.005 min
Response: 17764048
Conc: 24.44 ng/ml



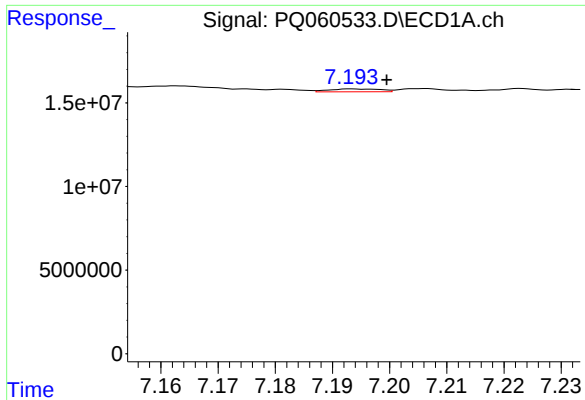
#34 AR-1260-4

R.T.: 6.926 min
Delta R.T.: 0.037 min
Response: 49845893
Conc: 50.59 ng/ml



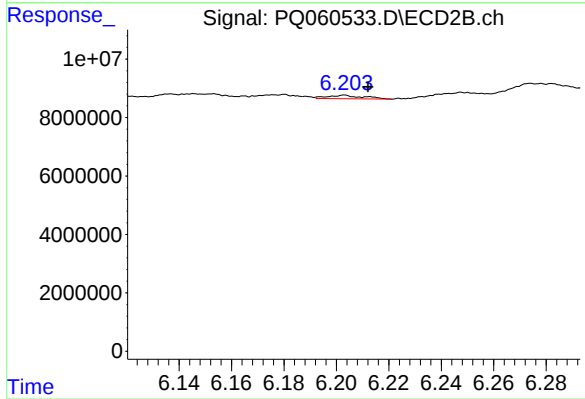
#34 AR-1260-4

R.T.: 5.956 min
Delta R.T.: -0.005 min
Response: 5350178
Conc: 9.08 ng/ml



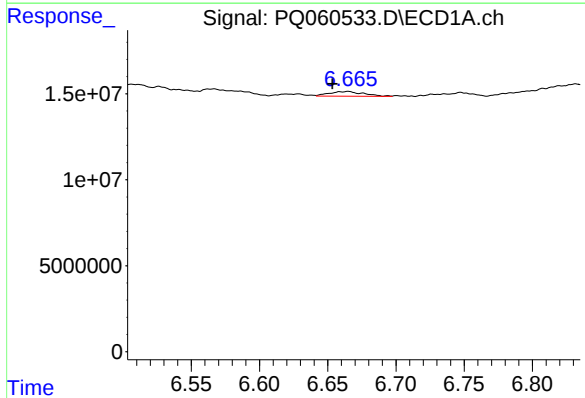
#35 AR-1260-5

R.T.: 7.194 min
Delta R.T.: -0.006 min
Response: 1066936
Conc: 0.55 ng/ml



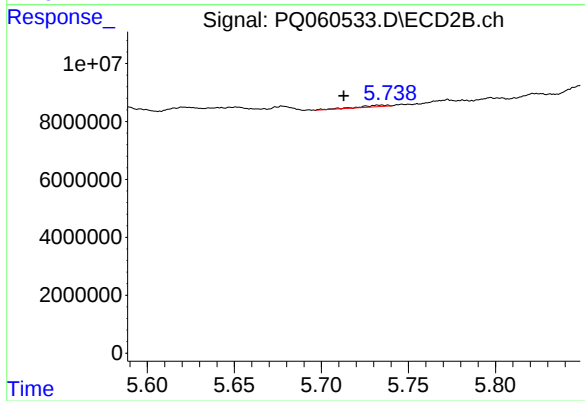
#35 AR-1260-5

R.T.: 6.203 min
Delta R.T.: -0.009 min
Response: 1124371
Conc: 0.82 ng/ml



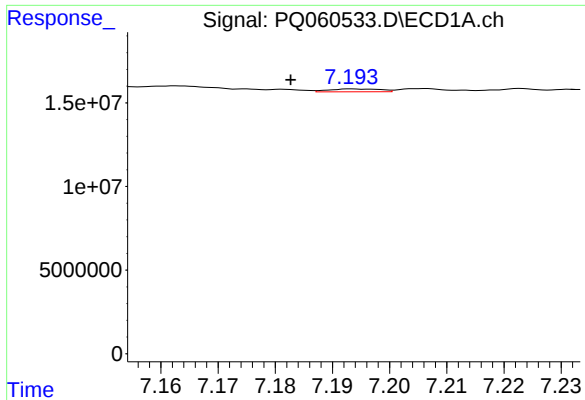
#36 AR-1262-1

R.T.: 6.665 min
Delta R.T.: 0.012 min
Response: 4725569
Conc: 4.11 ng/ml



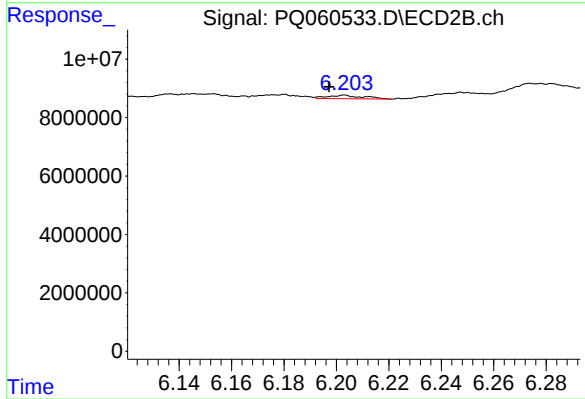
#36 AR-1262-1

R.T.: 5.734 min
Delta R.T.: 0.021 min
Response: 657001
Conc: 0.84 ng/ml



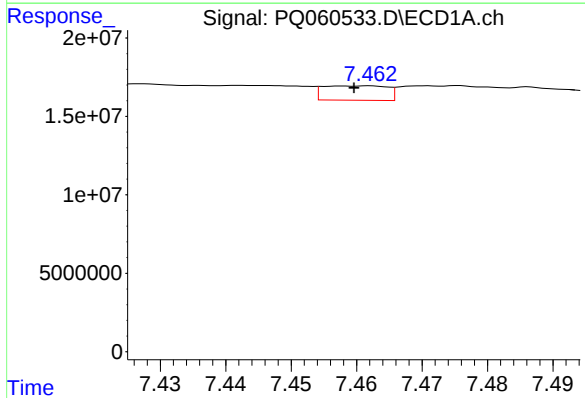
#37 AR-1262-2

R.T.: 7.194 min
Delta R.T.: 0.011 min
Response: 1066936
Conc: 0.53 ng/ml



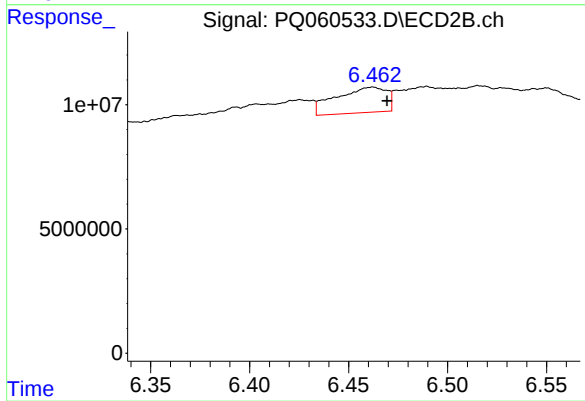
#37 AR-1262-2

R.T.: 6.203 min
Delta R.T.: 0.006 min
Response: 1124371
Conc: 0.79 ng/ml



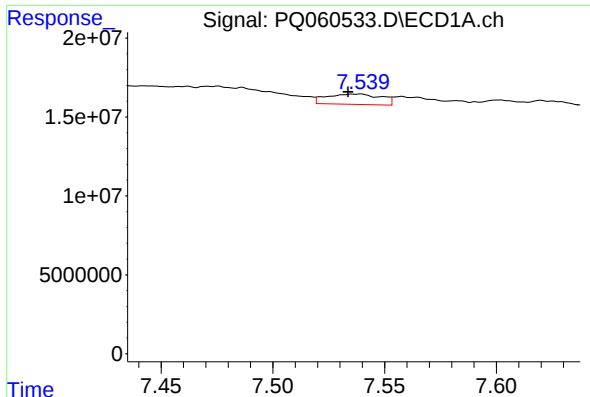
#38 AR-1262-3

R.T.: 7.461 min
Delta R.T.: 0.002 min
Response: 6238483
Conc: 4.77 ng/ml



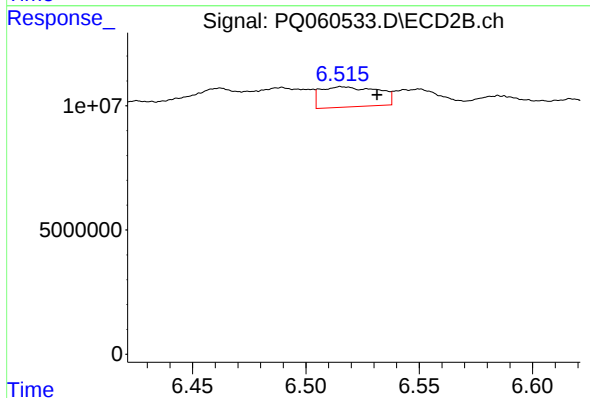
#38 AR-1262-3

R.T.: 6.462 min
Delta R.T.: -0.007 min
Response: 18285588
Conc: 32.21 ng/ml



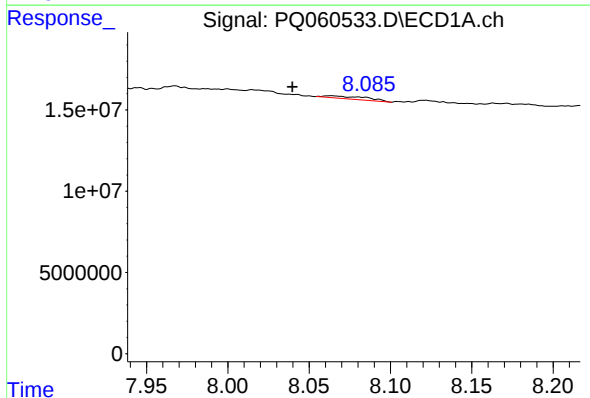
#39 AR-1262-4

R.T.: 7.539 min
Delta R.T.: 0.005 min
Response: 11081461
Conc: 10.84 ng/ml



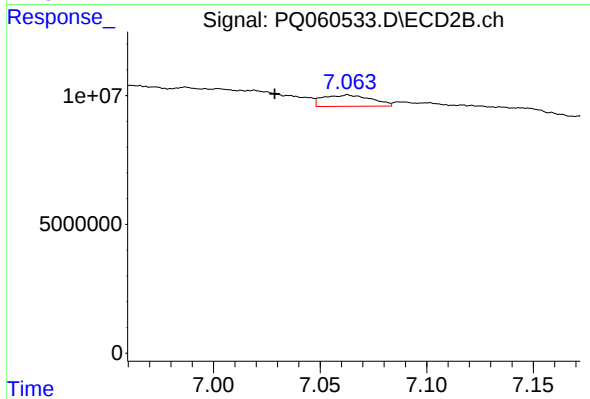
#39 AR-1262-4

R.T.: 6.516 min
Delta R.T.: -0.015 min
Response: 14288557
Conc: 13.37 ng/ml



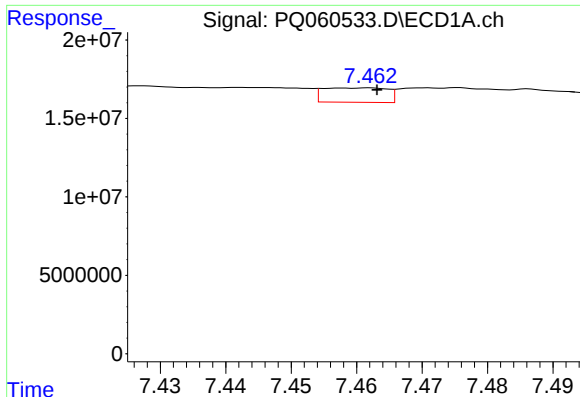
#40 AR-1262-5

R.T.: 8.063 min
Delta R.T.: 0.024 min
Response: 2970011
Conc: 4.57 ng/ml



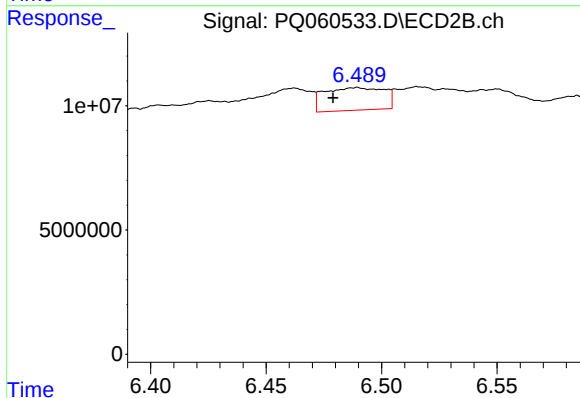
#40 AR-1262-5

R.T.: 7.063 min
Delta R.T.: 0.034 min
Response: 6935290
Conc: 13.39 ng/ml



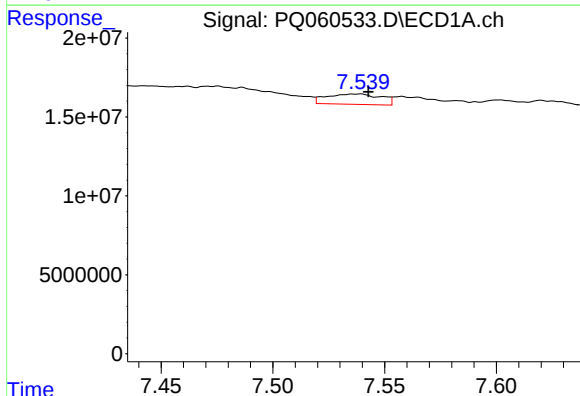
#41 AR-1268-1

R.T.: 7.461 min
Delta R.T.: -0.002 min
Response: 6238483
Conc: 2.73 ng/ml



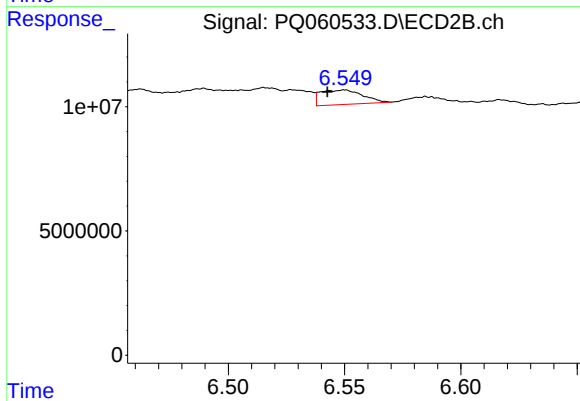
#41 AR-1268-1

R.T.: 6.489 min
Delta R.T.: 0.010 min
Response: 16350885
Conc: 9.66 ng/ml



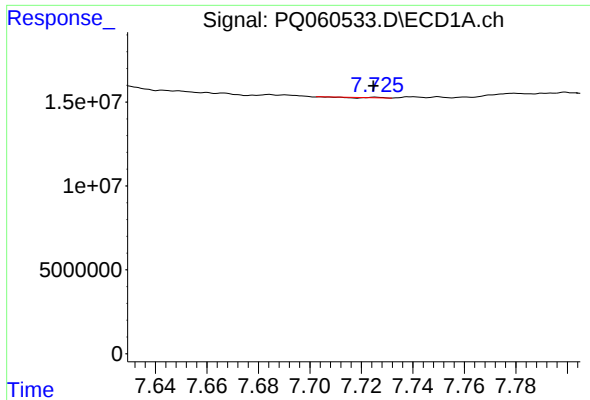
#42 AR-1268-2

R.T.: 7.539 min
Delta R.T.: -0.004 min
Response: 11081461
Conc: 5.22 ng/ml



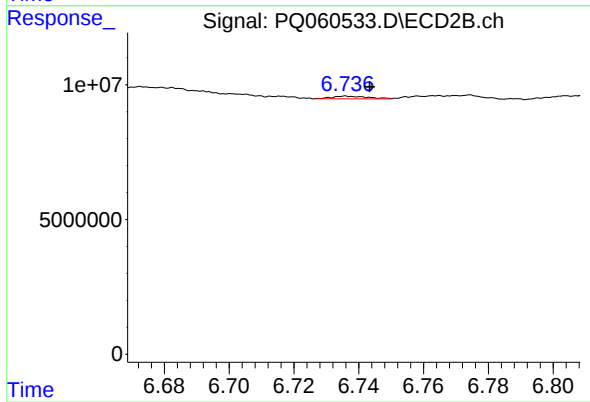
#42 AR-1268-2

R.T.: 6.550 min
Delta R.T.: 0.007 min
Response: 7426908
Conc: 4.77 ng/ml



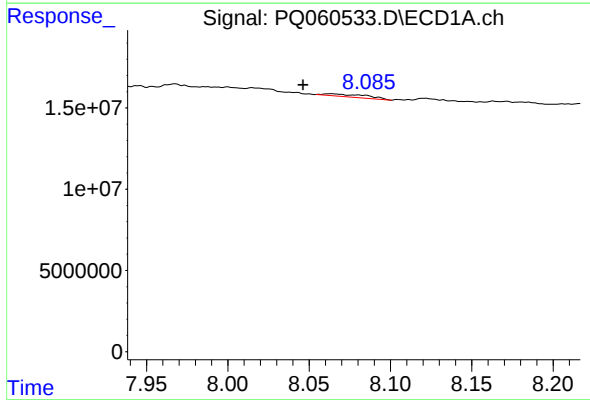
#43 AR-1268-3

R.T.: 7.726 min
Delta R.T.: 0.001 min
Response: 34249
Conc: 0.02 ng/ml



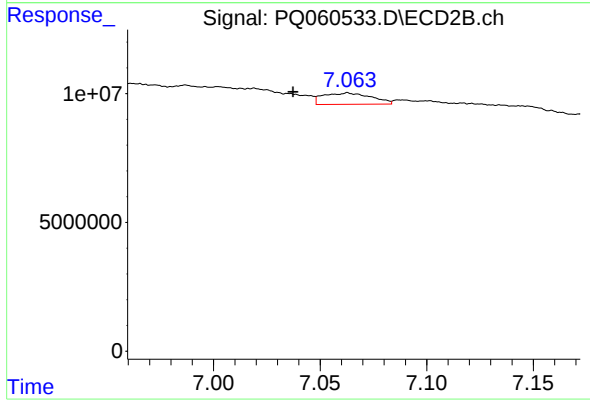
#43 AR-1268-3

R.T.: 6.736 min
Delta R.T.: -0.007 min
Response: 754123
Conc: 0.55 ng/ml



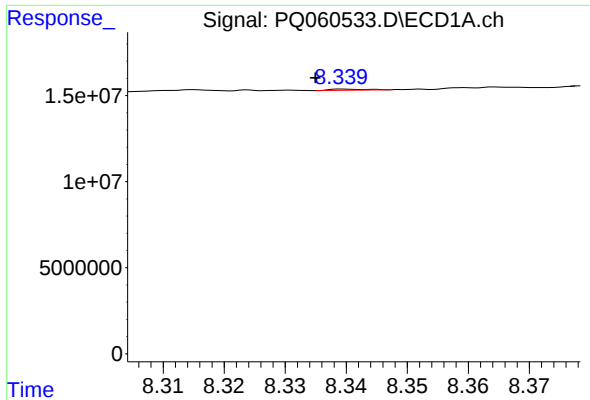
#44 AR-1268-4

R.T.: 8.063 min
Delta R.T.: 0.017 min
Response: 2970011
Conc: 4.00 ng/ml



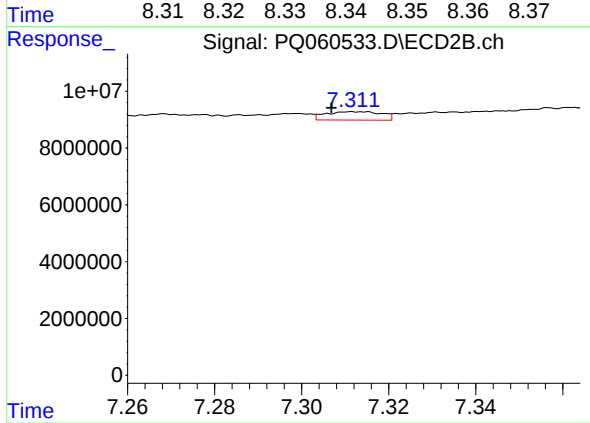
#44 AR-1268-4

R.T.: 7.063 min
Delta R.T.: 0.026 min
Response: 6935290
Conc: 11.75 ng/ml



#45 AR-1268-5

R.T.: 8.340 min
Delta R.T.: 0.005 min
Response: 268590
Conc: 0.05 ng/ml



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.006 min
Response: 2657908
Conc: 0.62 ng/ml