

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102021\
 Data File : PQ055035.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2021 17:59
 Operator : AJ\MA
 Sample : M4217-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 01:42:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 05 07:08:29 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.196	4.204	297.2E6	138.9E6	12.833	12.682
2)	SA Decachlor...	11.355	9.523	404.8E6	348.7E6	22.636	24.642
Target Compounds							
3)	L1 AR-1016-1	6.555	5.427	71021258	11240520	100.733	30.812 #
4)	L1 AR-1016-2	6.555	5.427f	71021258	11240520	62.024	17.034 #
5)	L1 AR-1016-3	6.555f	0.000	71021258	0	103.814	N.D. #
6)	L1 AR-1016-4	6.757f	0.000	15242624	0	28.176	N.D. #
7)	L1 AR-1016-5	0.000	5.915f	0	2174598	N.D.	6.822 #
8)	L2 AR-1221-1	0.000	4.469	0	2256476	N.D.	19.477 #
9)	L2 AR-1221-2	5.552	4.560	4660898	2350475	26.321	29.347
10)	L2 AR-1221-3	5.624	0.000	519882	0	0.902	N.D. #
11)	L3 AR-1232-1	5.624	0.000	519882	0	1.161	N.D. #
12)	L3 AR-1232-2	6.213	5.427f	29392199	11240520	120.218	40.749 #
13)	L3 AR-1232-3	6.555	0.000	71021258	0	147.394	N.D. #
14)	L3 AR-1232-4	6.757f	0.000	15242624	0	67.387	N.D. #
15)	L3 AR-1232-5	6.804	5.915f	20208252	2174598	121.843	17.550 #
16)	L4 AR-1242-1	6.555	5.427	71021258	11240520	120.561	36.051 #
17)	L4 AR-1242-2	6.555	5.427f	71021258	11240520	74.347	20.473 #
18)	L4 AR-1242-3	6.555f	0.000	71021258	0	123.012	N.D. #
19)	L4 AR-1242-4	6.757f	0.000	15242624	0	33.376	N.D. #
20)	L4 AR-1242-5	7.541f	0.000	24157602	0	46.426	N.D. #
21)	L5 AR-1248-1	6.555	5.427	71021258	11240520	166.074	48.823 #
22)	L5 AR-1248-2	6.804	0.000	20208252	0	31.193	N.D. #
24)	L5 AR-1248-4	7.425f	5.915f	602.1E6	2174598	697.703	4.832 #
25)	L5 AR-1248-5	7.541f	0.000	24157602	0	27.403	N.D. #
26)	L6 AR-1254-1	7.425	0.000	602.1E6	0	729.666	N.D. #
27)	L6 AR-1254-2	0.000	6.546f	0	241.4E6	N.D.	374.826 #
28)	L6 AR-1254-3	8.014	6.888	126.9E6	184.5E6	91.113	176.950 #
29)	L6 AR-1254-4	8.292f	7.130	265.9E6	54244560	260.772	77.075 #
30)	L6 AR-1254-5	8.806f	7.575	694.7E6	10812670	638.622	10.516 #
31)	L7 AR-1260-1	8.204	7.055	507.5E6	118.7E6	580.170	182.641 #
32)	L7 AR-1260-2	8.469	7.260	816.2E6	32929720	729.039	36.654 #
33)	L7 AR-1260-3	8.806f	7.464f	694.7E6	33527406	567.498	41.062 #
34)	L7 AR-1260-4	9.118f	7.931f	578.3E6	120.9E6	632.331	176.390 #
35)	L7 AR-1260-5	9.467f	8.167f	571.7E6	404.6E6	316.331	210.345 #
36)	L8 AR-1262-1	8.806	7.575	694.7E6	10812670	548.135	19.572 #
37)	L8 AR-1262-2	9.467f	8.167f	571.7E6	404.6E6	245.336	167.645 #
38)	L8 AR-1262-3	9.805f	8.440	57583375	210.0E6	58.375	217.142 #
39)	L8 AR-1262-4	9.835	8.440f	63716397	210.0E6	97.586	126.046 #
40)	L8 AR-1262-5	10.589	8.934f	363.5E6	52901964	419.290	67.333 #
41)	L9 AR-1268-1	9.805f	8.440	57583375	210.0E6	21.794	72.786 #
42)	L9 AR-1268-2	9.835	8.440f	63716397	210.0E6	25.799	84.723 #

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

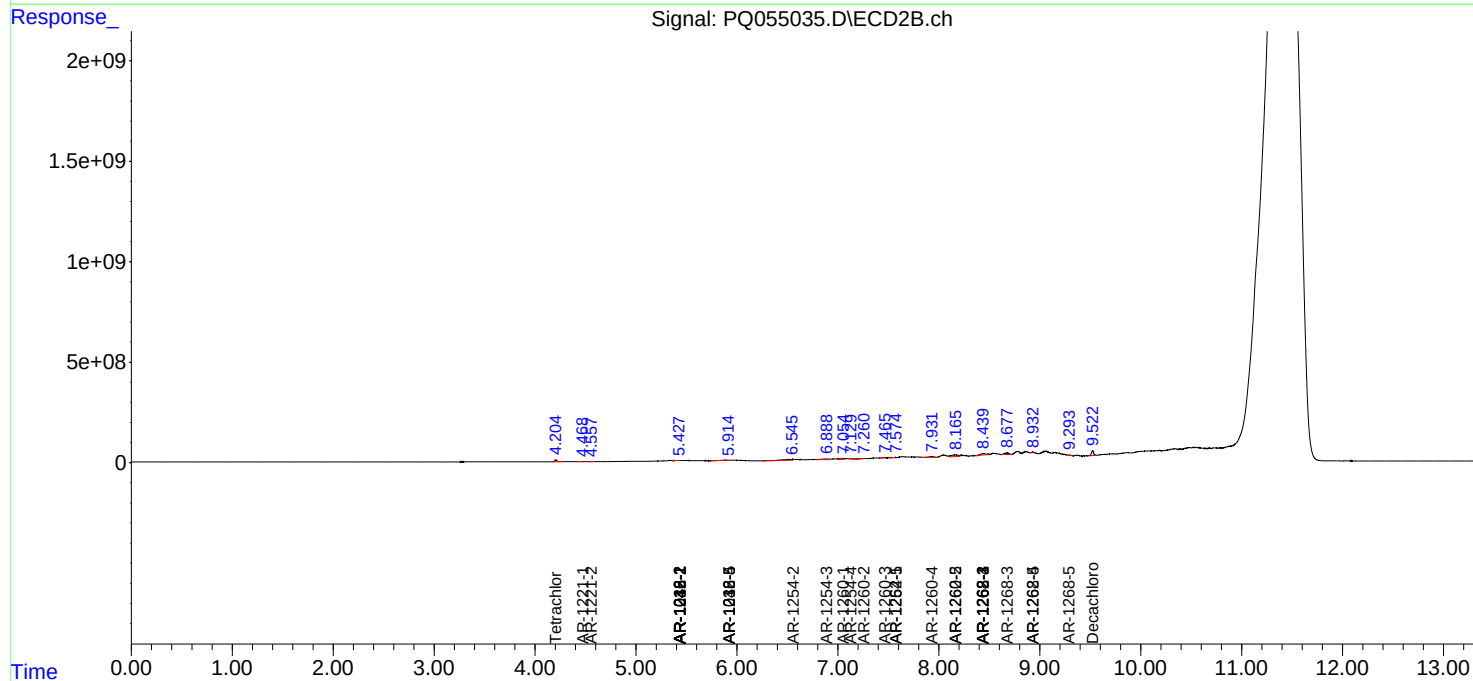
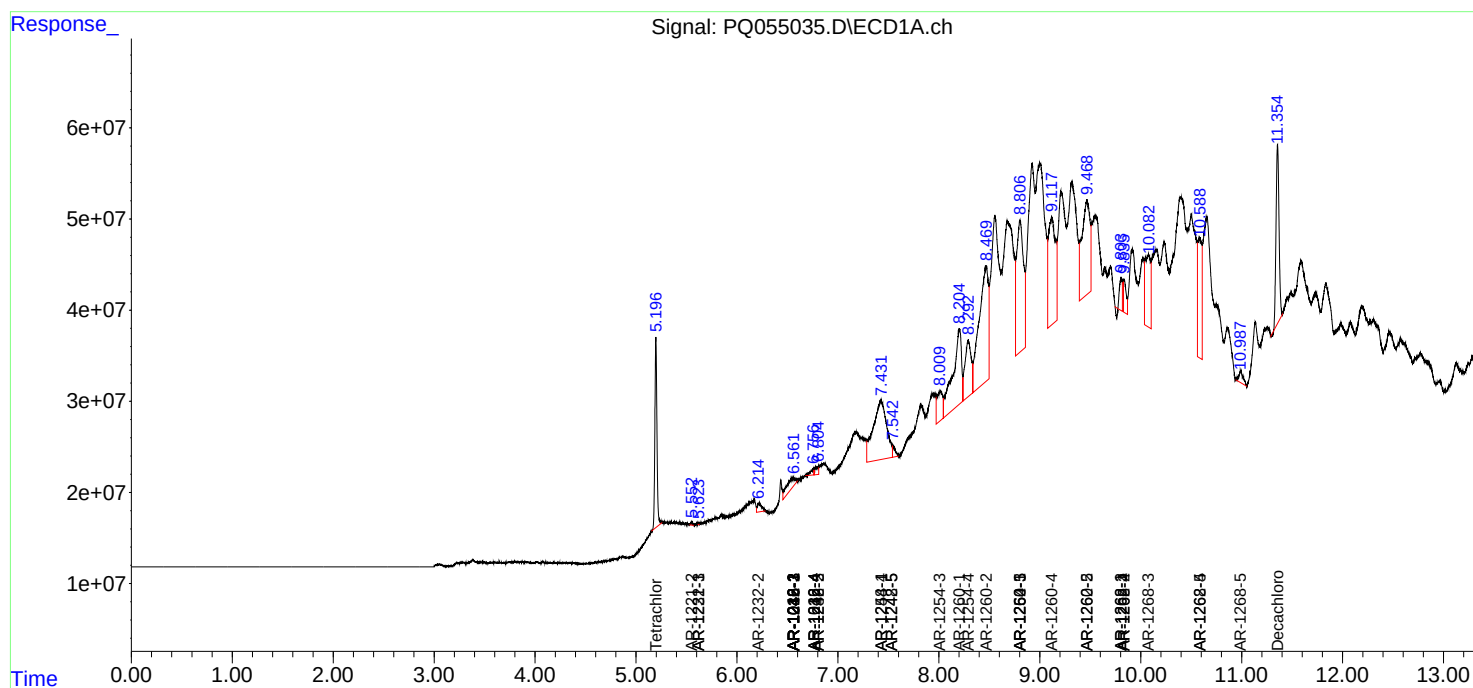
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	10.076	8.678	306.1E6	233.8E6	146.802	108.670 #
44) L9	AR-1268-4	10.589	8.934f	363.5E6	52901964	386.492	61.261 #
45) L9	AR-1268-5	10.993	9.288	39952866	19932011	5.616	3.171 #

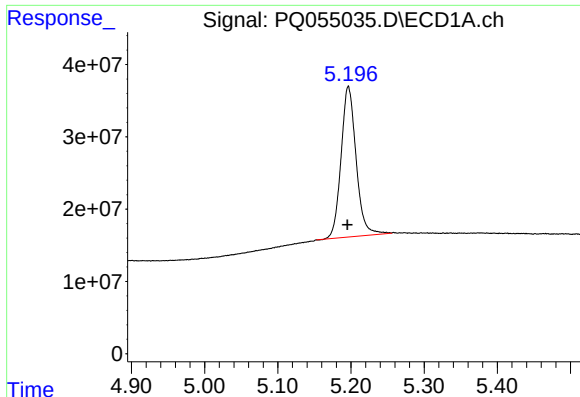
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 05 07:08:29 2021
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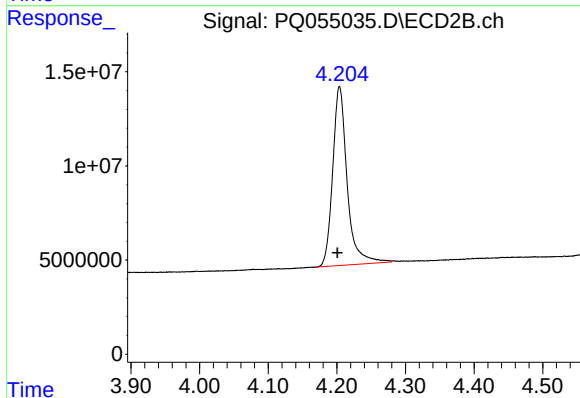
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





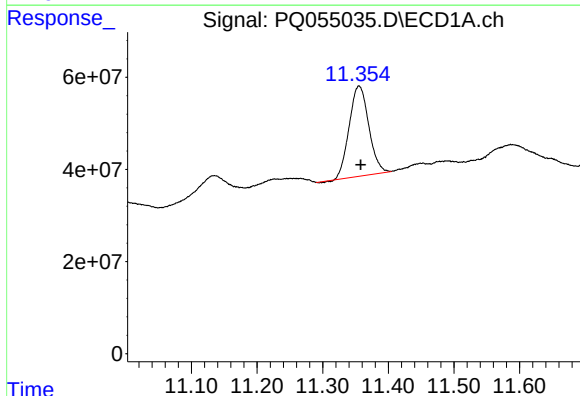
#1 Tetrachloro-m-xylene

R.T.: 5.196 min
Delta R.T.: 0.001 min
Response: 297195649
Conc: 12.83 ng/ml



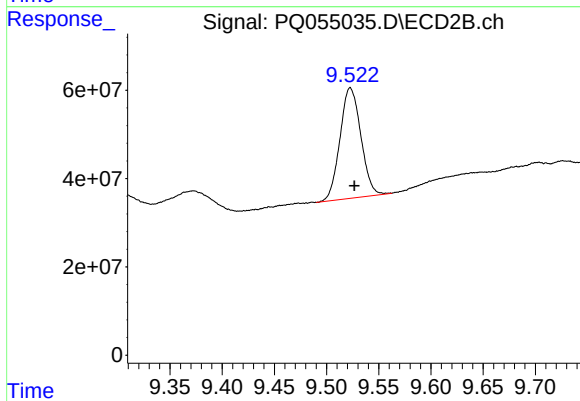
#1 Tetrachloro-m-xylene

R.T.: 4.204 min
Delta R.T.: 0.003 min
Response: 138937480
Conc: 12.68 ng/ml



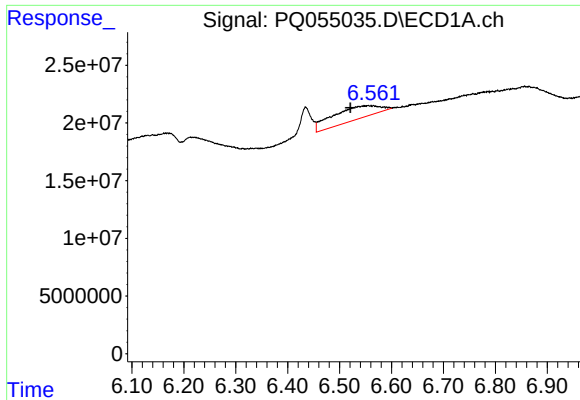
#2 Decachlorobiphenyl

R.T.: 11.355 min
Delta R.T.: -0.002 min
Response: 404845291
Conc: 22.64 ng/ml



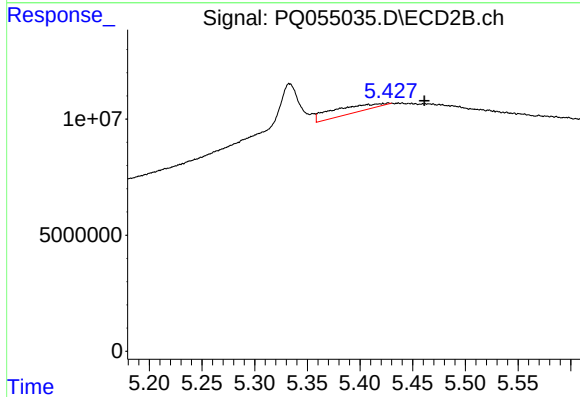
#2 Decachlorobiphenyl

R.T.: 9.523 min
Delta R.T.: -0.004 min
Response: 348725195
Conc: 24.64 ng/ml



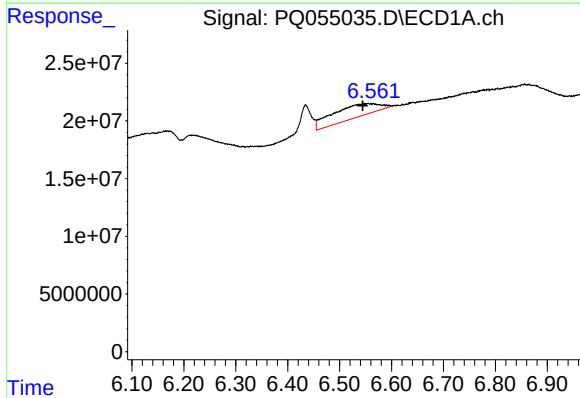
#3 AR-1016-1

R.T.: 6.555 min
Delta R.T.: 0.034 min
Response: 71021258
Conc: 100.73 ng/ml



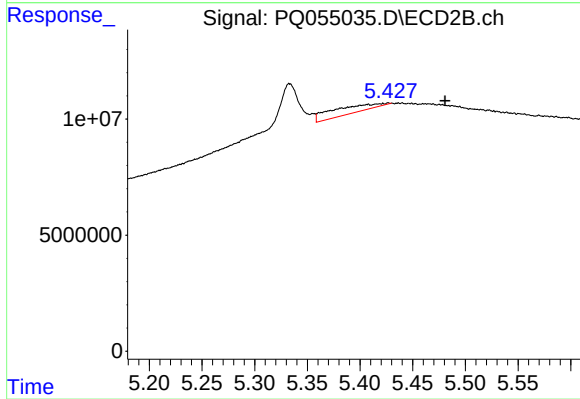
#3 AR-1016-1

R.T.: 5.427 min
Delta R.T.: -0.034 min
Response: 11240520
Conc: 30.81 ng/ml



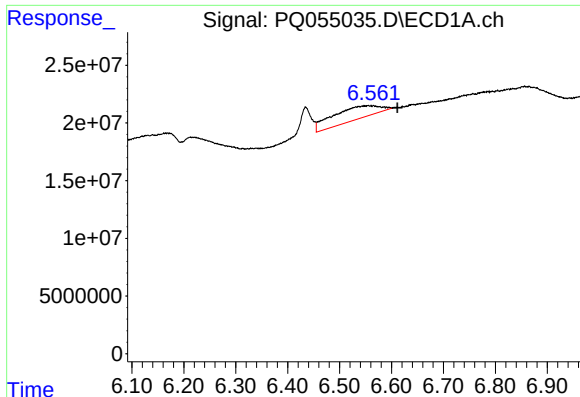
#4 AR-1016-2

R.T.: 6.555 min
Delta R.T.: 0.010 min
Response: 71021258
Conc: 62.02 ng/ml



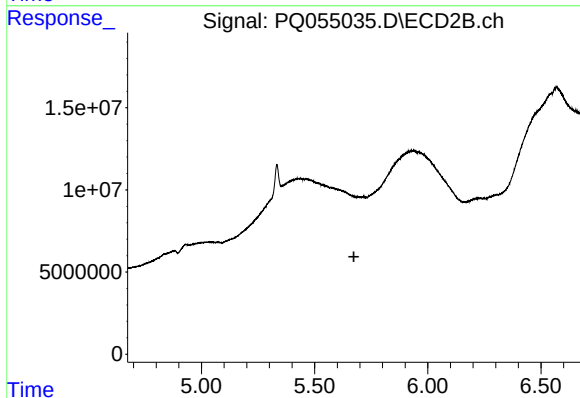
#4 AR-1016-2

R.T.: 5.427 min
Delta R.T.: -0.054 min
Response: 11240520
Conc: 17.03 ng/ml



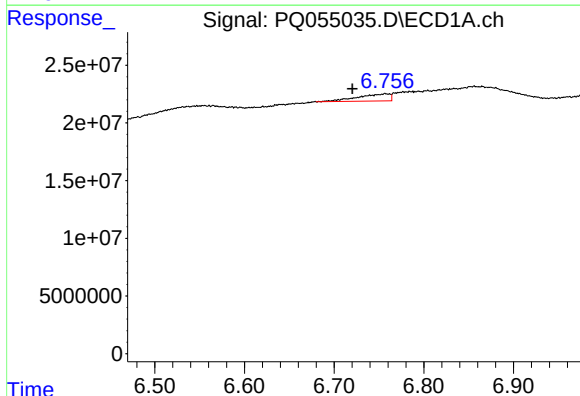
#5 AR-1016-3

R.T.: 6.555 min
Delta R.T.: -0.056 min
Response: 71021258
Conc: 103.81 ng/ml



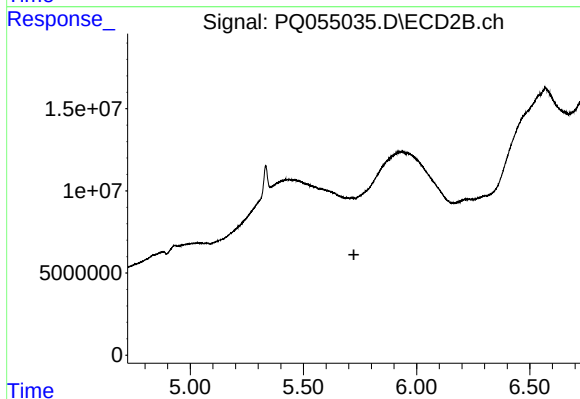
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 5.674 min
Response: 0
Conc: N.D.



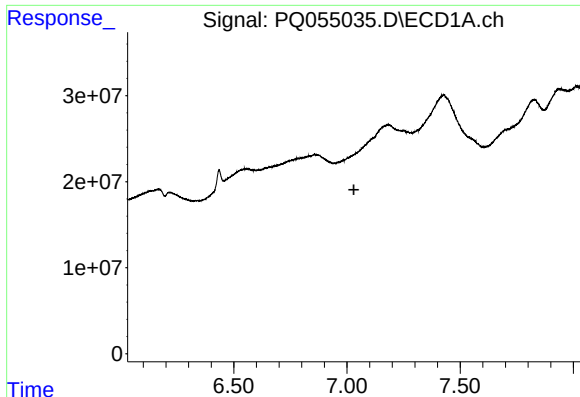
#6 AR-1016-4

R.T.: 6.757 min
Delta R.T.: 0.037 min
Response: 15242624
Conc: 28.18 ng/ml



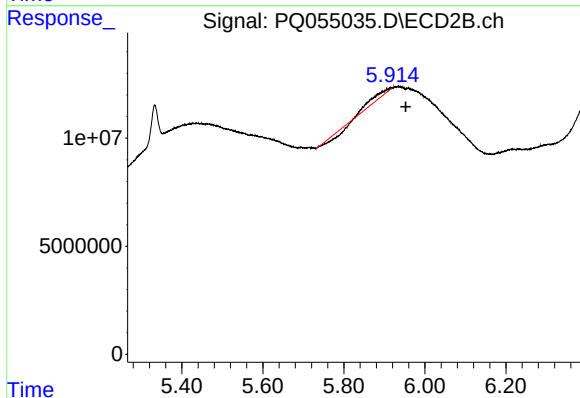
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.723 min
Response: 0
Conc: N.D.



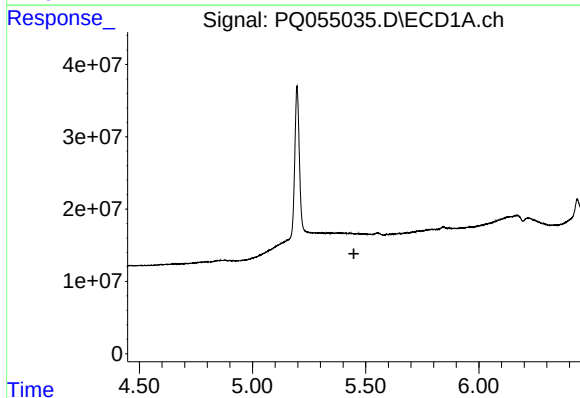
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 7.031 min
Response: 0
Conc: N.D.



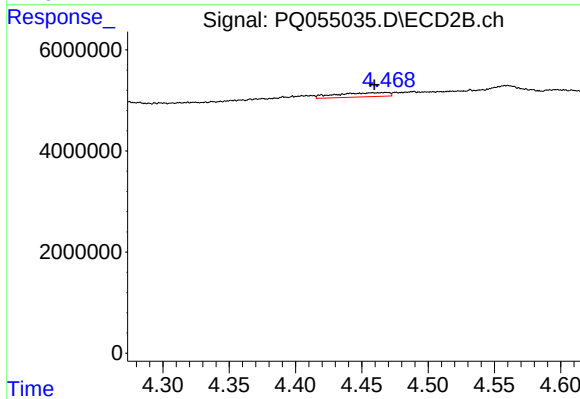
#7 AR-1016-5

R.T.: 5.915 min
Delta R.T.: -0.038 min
Response: 2174598
Conc: 6.82 ng/ml



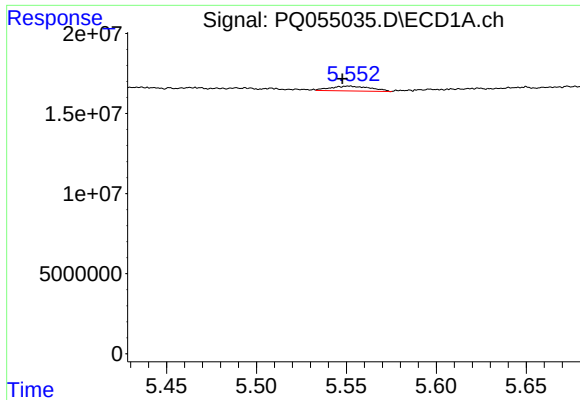
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.448 min
Response: 0
Conc: N.D.



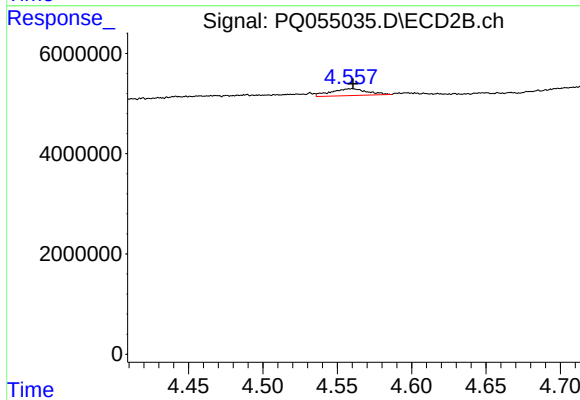
#8 AR-1221-1

R.T.: 4.469 min
Delta R.T.: 0.009 min
Response: 2256476
Conc: 19.48 ng/ml



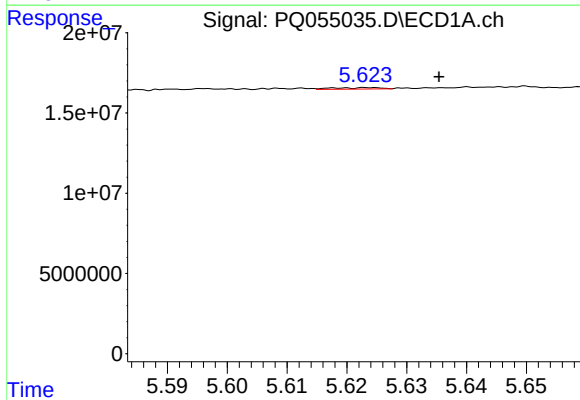
#9 AR-1221-2

R.T.: 5.552 min
Delta R.T.: 0.004 min
Response: 4660898
Conc: 26.32 ng/ml



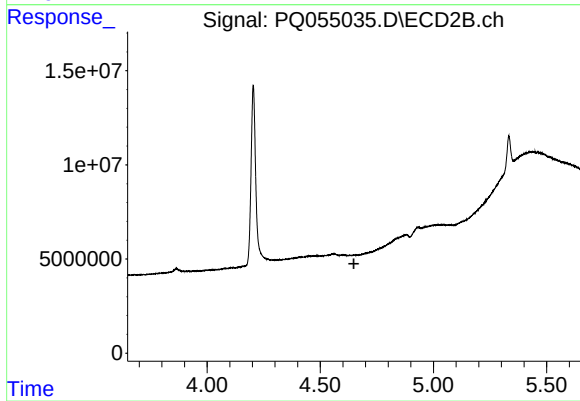
#9 AR-1221-2

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 2350475
Conc: 29.35 ng/ml



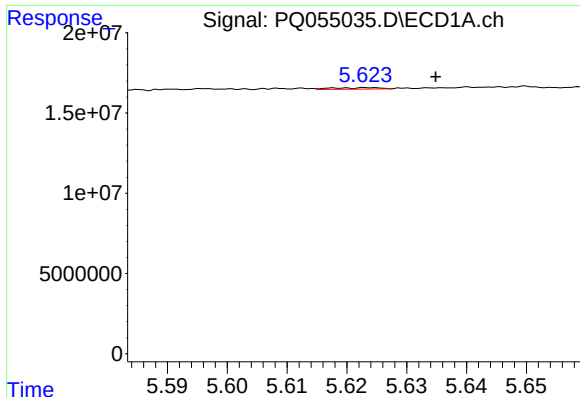
#10 AR-1221-3

R.T.: 5.624 min
Delta R.T.: -0.012 min
Response: 519882
Conc: 0.90 ng/ml



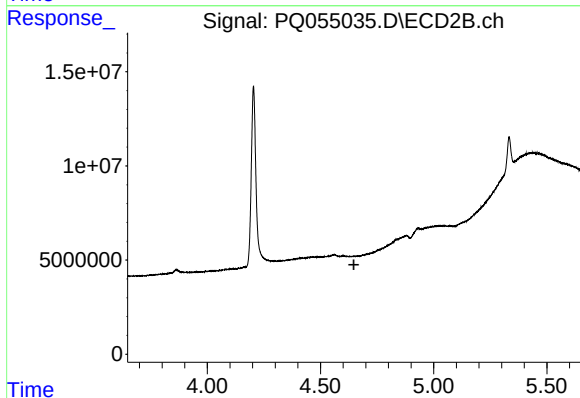
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.648 min
Response: 0
Conc: N.D.



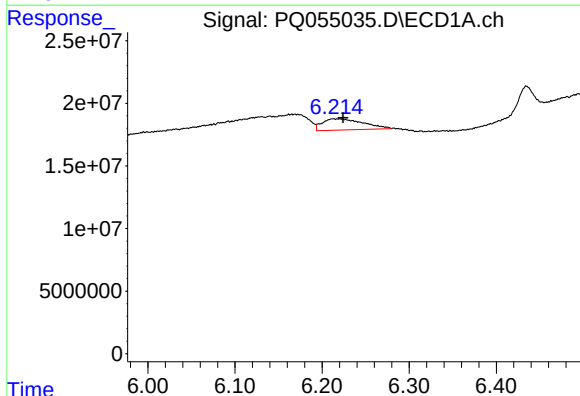
#11 AR-1232-1

R.T.: 5.624 min
Delta R.T.: -0.011 min
Response: 519882
Conc: 1.16 ng/ml



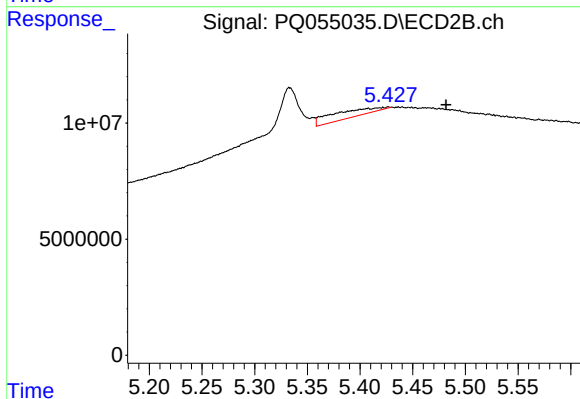
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.648 min
Response: 0
Conc: N.D.



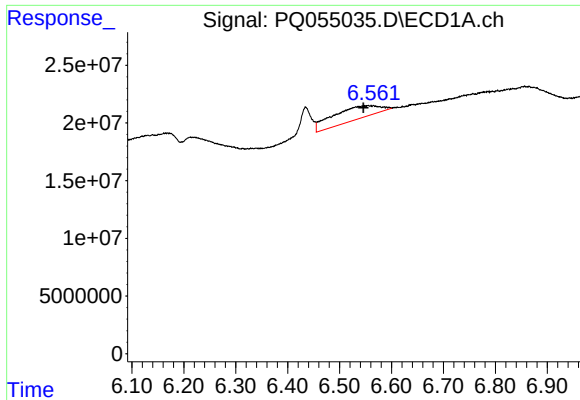
#12 AR-1232-2

R.T.: 6.213 min
Delta R.T.: -0.011 min
Response: 29392199
Conc: 120.22 ng/ml



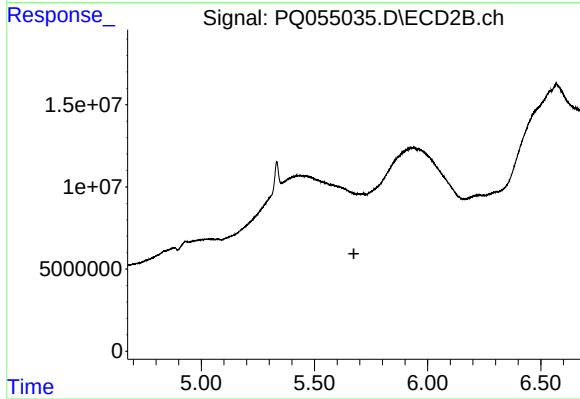
#12 AR-1232-2

R.T.: 5.427 min
Delta R.T.: -0.055 min
Response: 11240520
Conc: 40.75 ng/ml



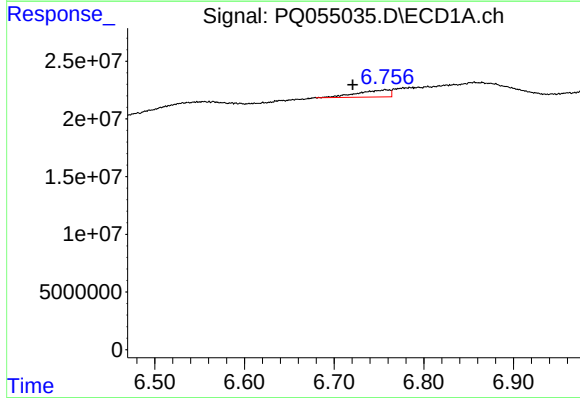
#13 AR-1232-3

R.T.: 6.555 min
Delta R.T.: 0.009 min
Response: 71021258
Conc: 147.39 ng/ml



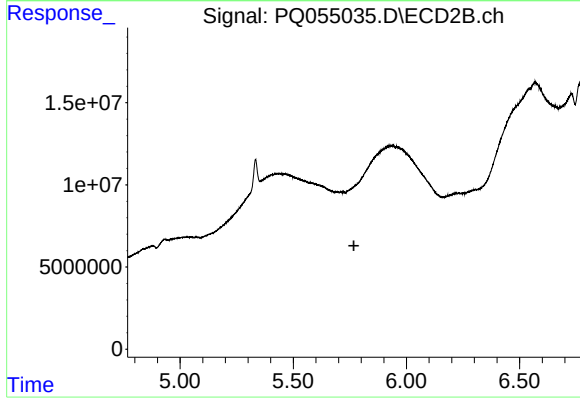
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.674 min
Response: 0
Conc: N.D.



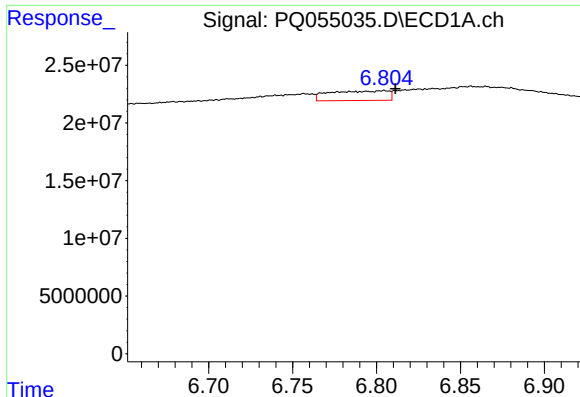
#14 AR-1232-4

R.T.: 6.757 min
Delta R.T.: 0.036 min
Response: 15242624
Conc: 67.39 ng/ml



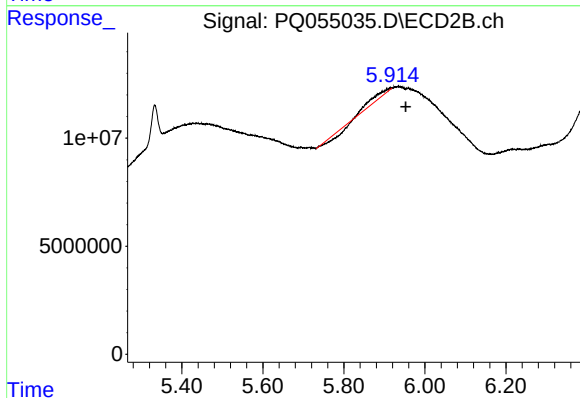
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.768 min
Response: 0
Conc: N.D.



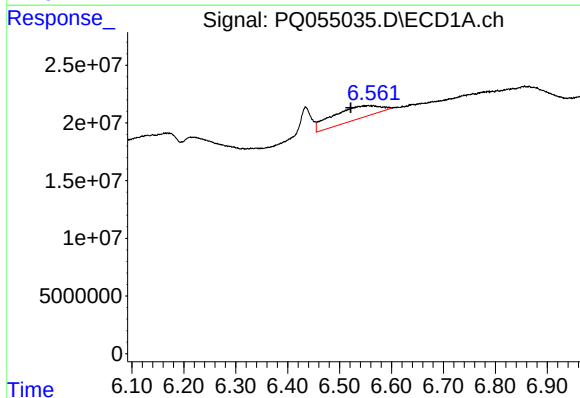
#15 AR-1232-5

R.T.: 6.804 min
Delta R.T.: -0.007 min
Response: 20208252
Conc: 121.84 ng/ml



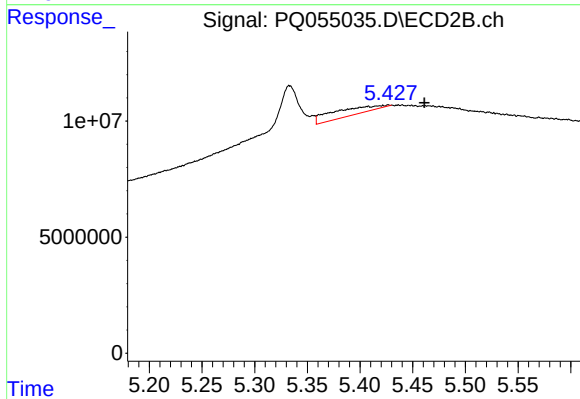
#15 AR-1232-5

R.T.: 5.915 min
Delta R.T.: -0.038 min
Response: 2174598
Conc: 17.55 ng/ml



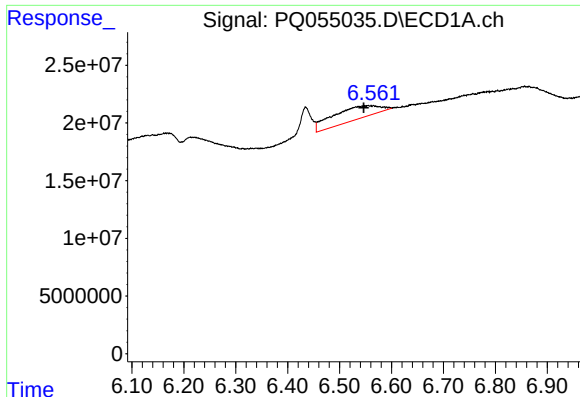
#16 AR-1242-1

R.T.: 6.555 min
Delta R.T.: 0.033 min
Response: 71021258
Conc: 120.56 ng/ml



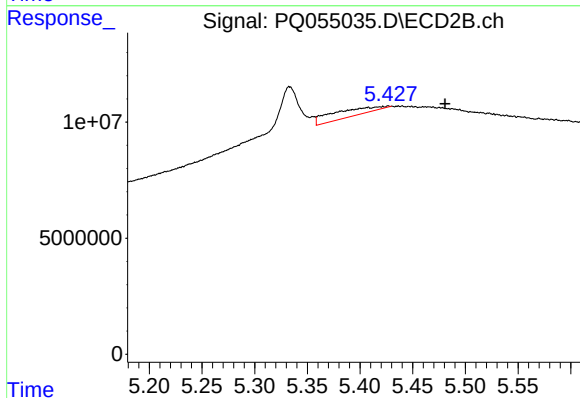
#16 AR-1242-1

R.T.: 5.427 min
Delta R.T.: -0.034 min
Response: 11240520
Conc: 36.05 ng/ml



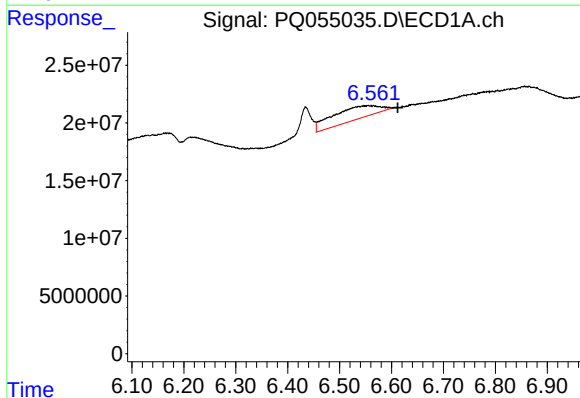
#17 AR-1242-2

R.T.: 6.555 min
Delta R.T.: 0.009 min
Response: 71021258
Conc: 74.35 ng/ml



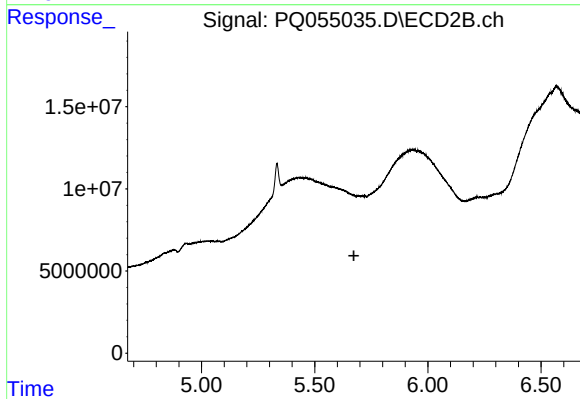
#17 AR-1242-2

R.T.: 5.427 min
Delta R.T.: -0.054 min
Response: 11240520
Conc: 20.47 ng/ml



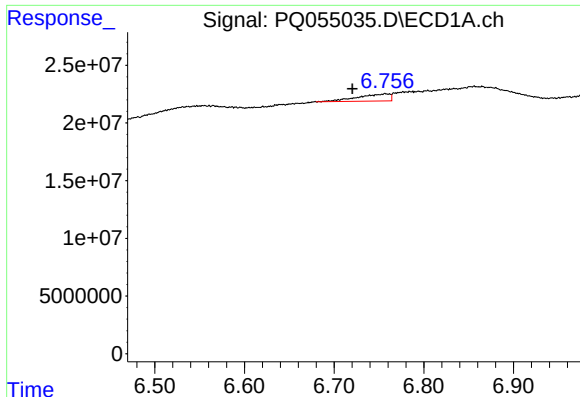
#18 AR-1242-3

R.T.: 6.555 min
Delta R.T.: -0.057 min
Response: 71021258
Conc: 123.01 ng/ml



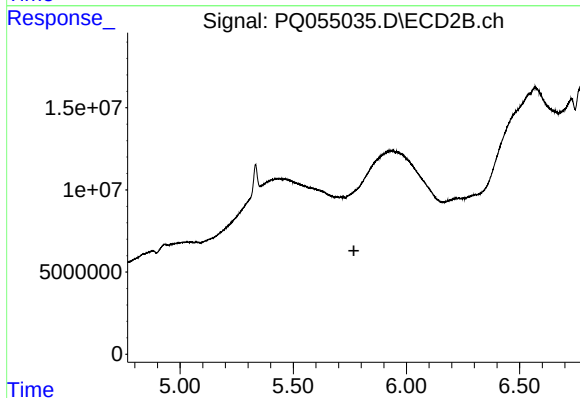
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.673 min
Response: 0
Conc: N.D.



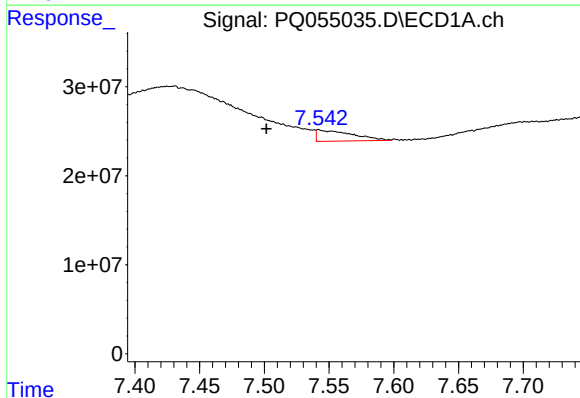
#19 AR-1242-4

R.T.: 6.757 min
Delta R.T.: 0.037 min
Response: 15242624
Conc: 33.38 ng/ml



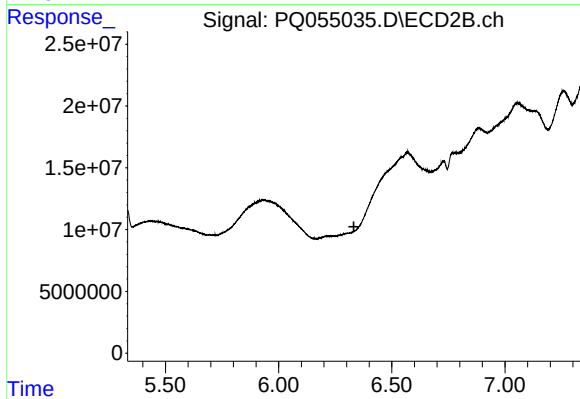
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.768 min
Response: 0
Conc: N.D.



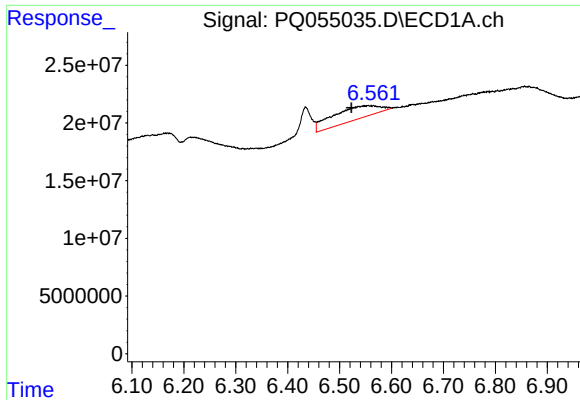
#20 AR-1242-5

R.T.: 7.541 min
Delta R.T.: 0.040 min
Response: 24157602
Conc: 46.43 ng/ml



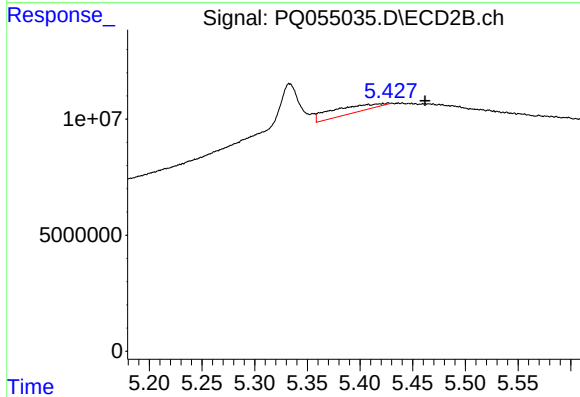
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.333 min
Response: 0
Conc: N.D.



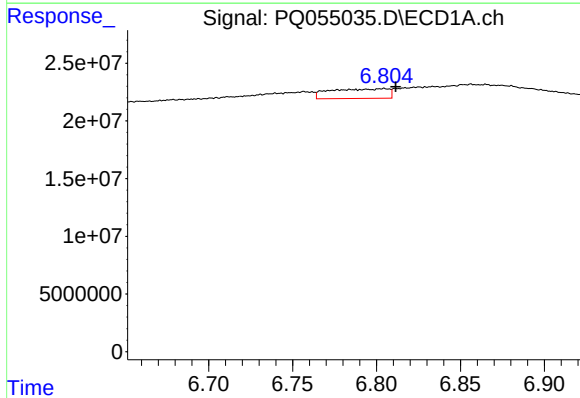
#21 AR-1248-1

R.T.: 6.555 min
Delta R.T.: 0.032 min
Response: 71021258
Conc: 166.07 ng/ml



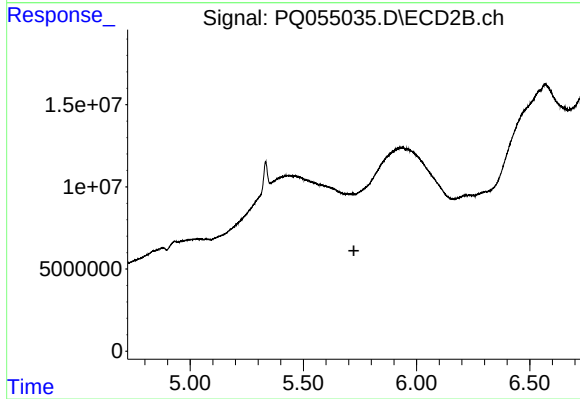
#21 AR-1248-1

R.T.: 5.427 min
Delta R.T.: -0.035 min
Response: 11240520
Conc: 48.82 ng/ml



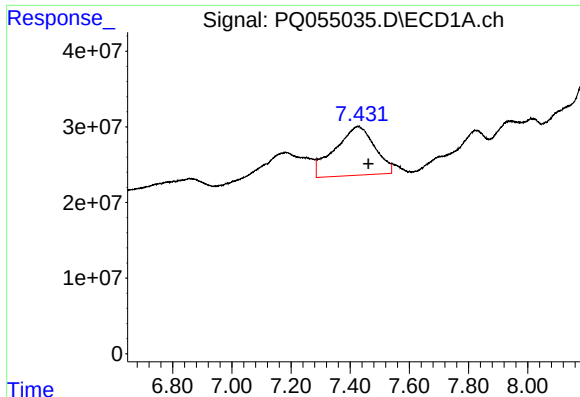
#22 AR-1248-2

R.T.: 6.804 min
Delta R.T.: -0.007 min
Response: 20208252
Conc: 31.19 ng/ml



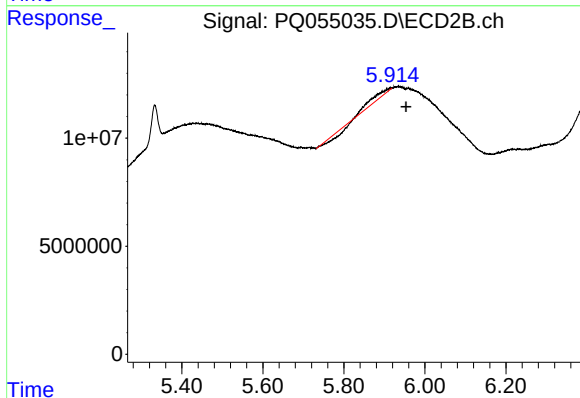
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.723 min
Response: 0
Conc: N.D.



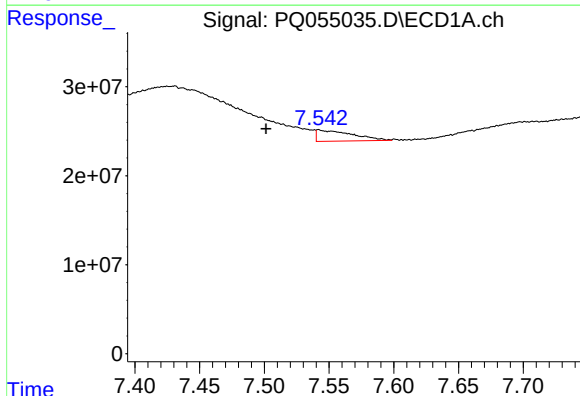
#24 AR-1248-4

R.T.: 7.425 min
Delta R.T.: -0.036 min
Response: 602092372
Conc: 697.70 ng/ml



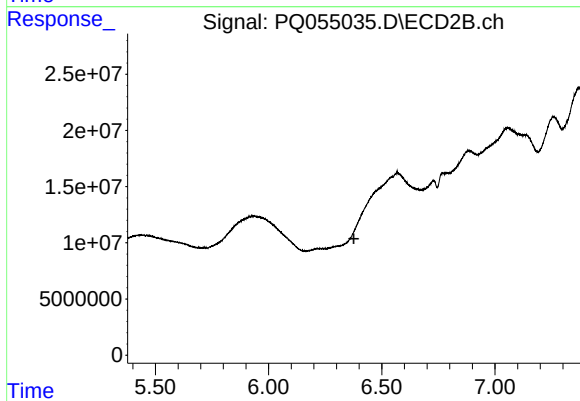
#24 AR-1248-4

R.T.: 5.915 min
Delta R.T.: -0.039 min
Response: 2174598
Conc: 4.83 ng/ml



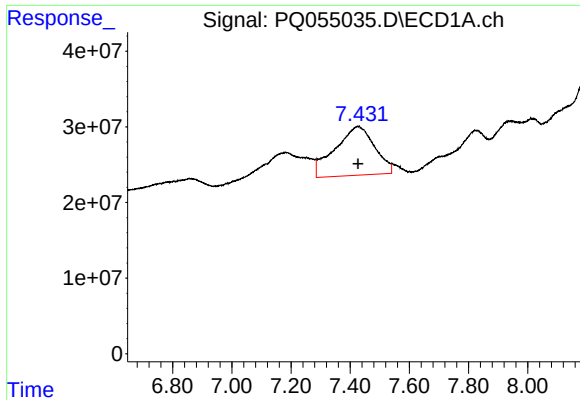
#25 AR-1248-5

R.T.: 7.541 min
Delta R.T.: 0.040 min
Response: 24157602
Conc: 27.40 ng/ml



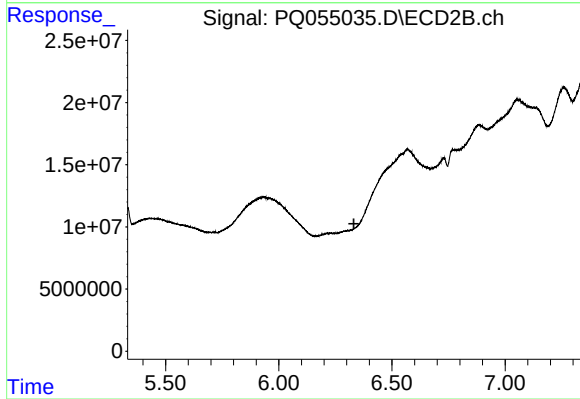
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.377 min
Response: 0
Conc: N.D.



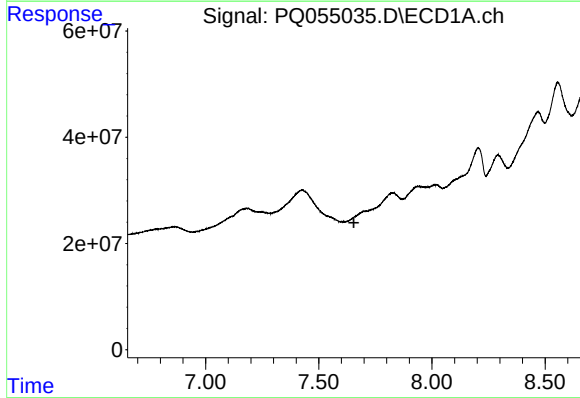
#26 AR-1254-1

R.T.: 7.425 min
Delta R.T.: -0.002 min
Response: 602092372
Conc: 729.67 ng/ml



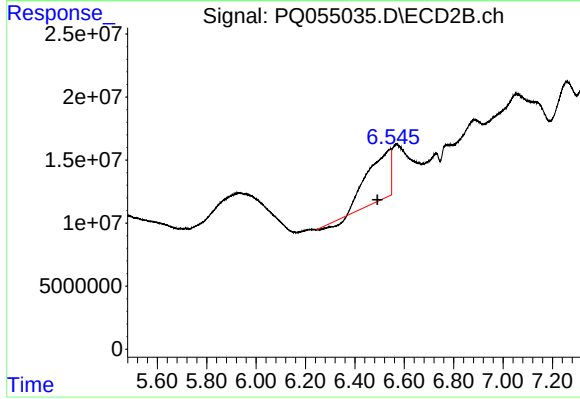
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.332 min
Response: 0
Conc: N.D.



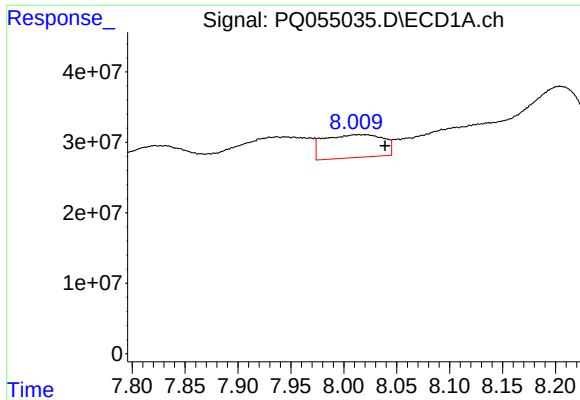
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 7.655 min
Response: 0
Conc: N.D.



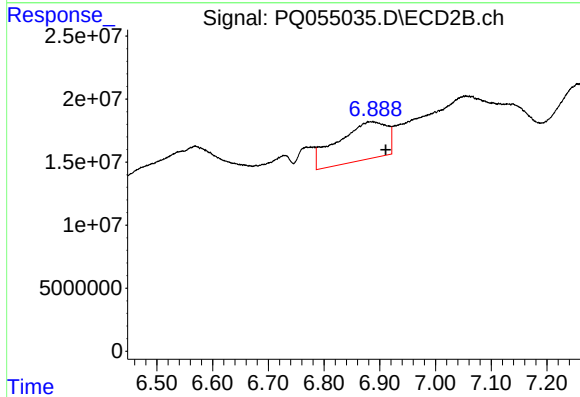
#27 AR-1254-2

R.T.: 6.546 min
Delta R.T.: 0.056 min
Response: 241377720
Conc: 374.83 ng/ml



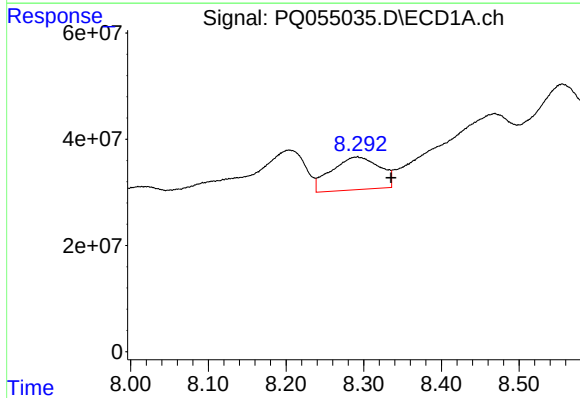
#28 AR-1254-3

R.T.: 8.014 min
Delta R.T.: -0.025 min
Response: 126899301
Conc: 91.11 ng/ml



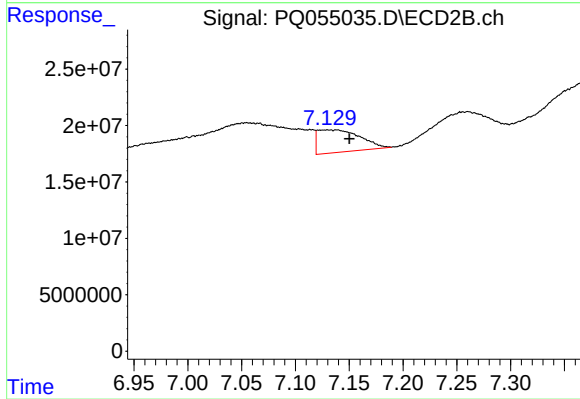
#28 AR-1254-3

R.T.: 6.888 min
Delta R.T.: -0.023 min
Response: 184529367
Conc: 176.95 ng/ml



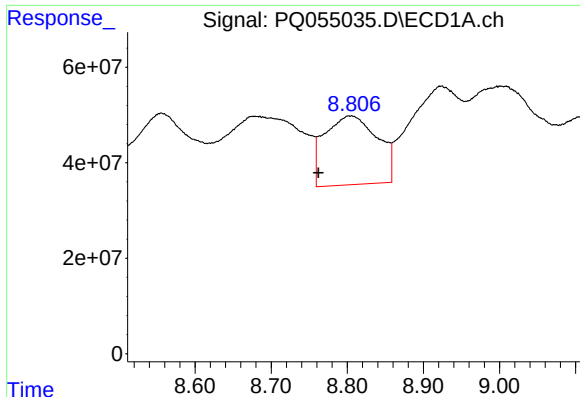
#29 AR-1254-4

R.T.: 8.292 min
Delta R.T.: -0.043 min
Response: 265895259
Conc: 260.77 ng/ml



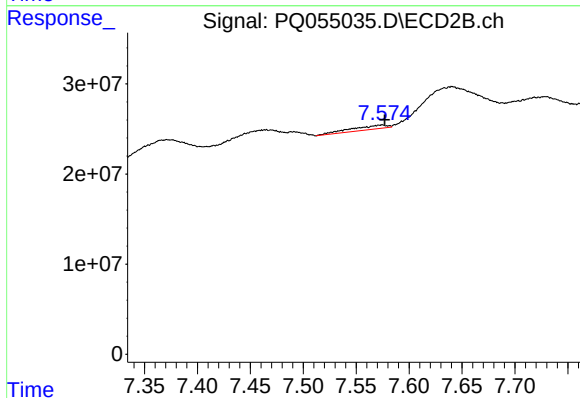
#29 AR-1254-4

R.T.: 7.130 min
Delta R.T.: -0.020 min
Response: 54244560
Conc: 77.08 ng/ml



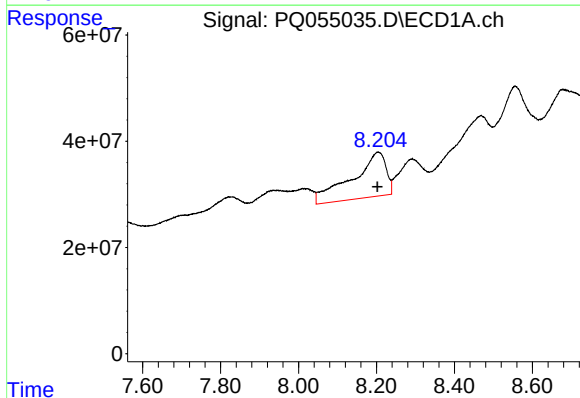
#30 AR-1254-5

R.T.: 8.806 min
Delta R.T.: 0.044 min
Response: 694659432
Conc: 638.62 ng/ml



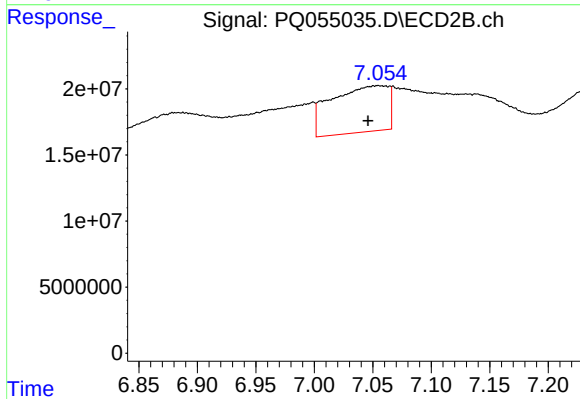
#30 AR-1254-5

R.T.: 7.575 min
Delta R.T.: -0.002 min
Response: 10812670
Conc: 10.52 ng/ml



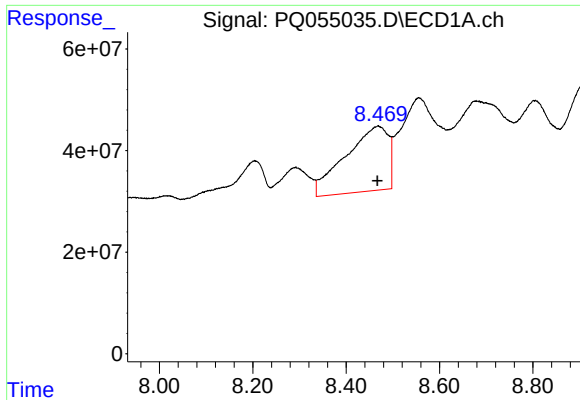
#31 AR-1260-1

R.T.: 8.204 min
Delta R.T.: 0.001 min
Response: 507504179
Conc: 580.17 ng/ml



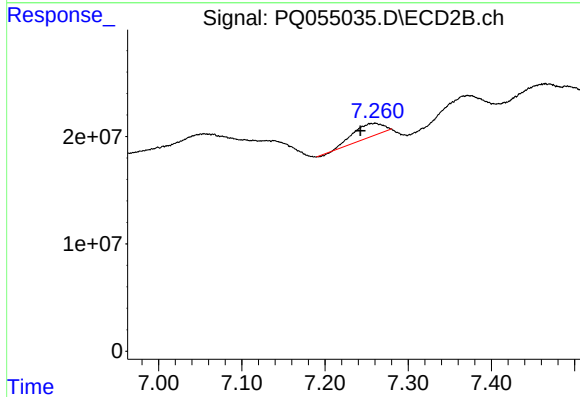
#31 AR-1260-1

R.T.: 7.055 min
Delta R.T.: 0.009 min
Response: 118740679
Conc: 182.64 ng/ml



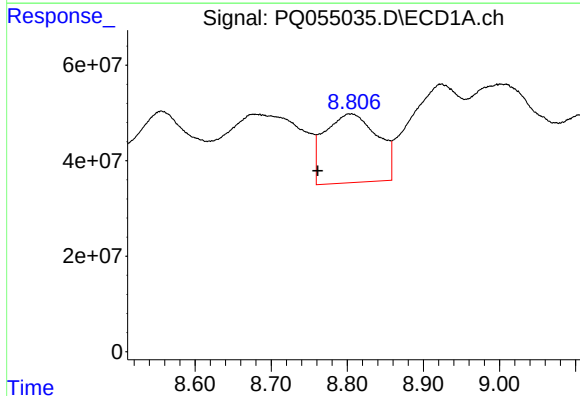
#32 AR-1260-2

R.T.: 8.469 min
Delta R.T.: 0.001 min
Response: 816211289
Conc: 729.04 ng/ml



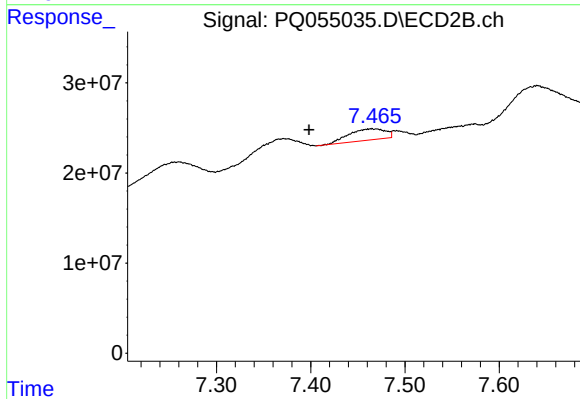
#32 AR-1260-2

R.T.: 7.260 min
Delta R.T.: 0.018 min
Response: 32929720
Conc: 36.65 ng/ml



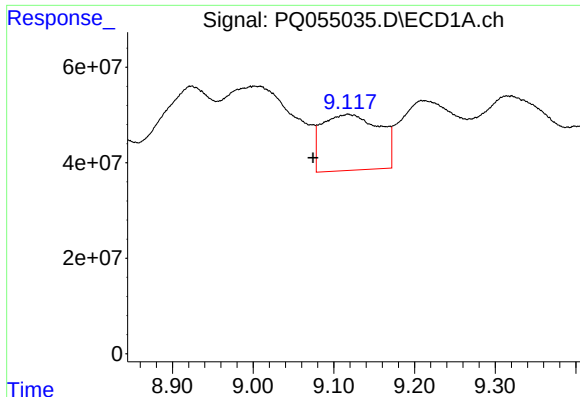
#33 AR-1260-3

R.T.: 8.806 min
Delta R.T.: 0.044 min
Response: 694659432
Conc: 567.50 ng/ml



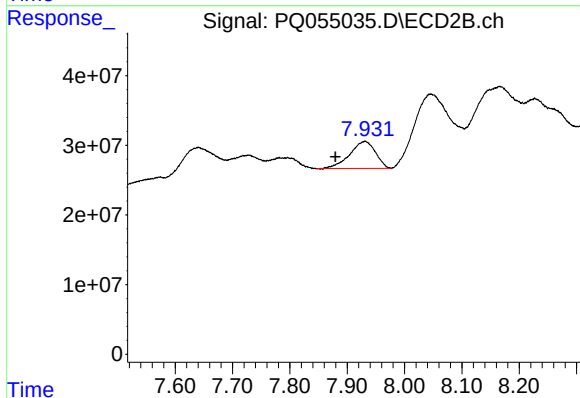
#33 AR-1260-3

R.T.: 7.464 min
Delta R.T.: 0.065 min
Response: 33527406
Conc: 41.06 ng/ml



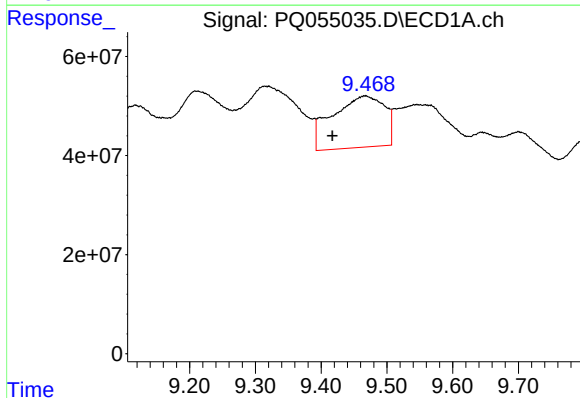
#34 AR-1260-4

R.T.: 9.118 min
Delta R.T.: 0.043 min
Response: 578345744
Conc: 632.33 ng/ml



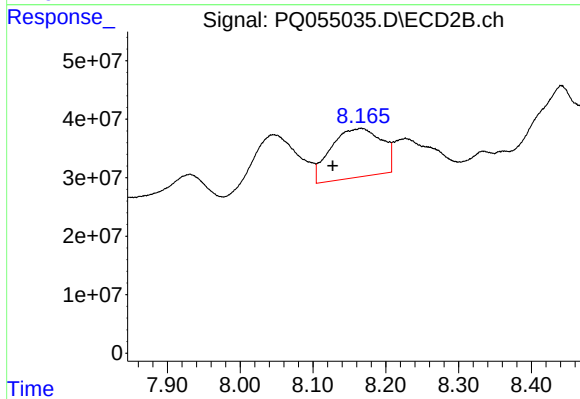
#34 AR-1260-4

R.T.: 7.931 min
Delta R.T.: 0.052 min
Response: 120886522
Conc: 176.39 ng/ml



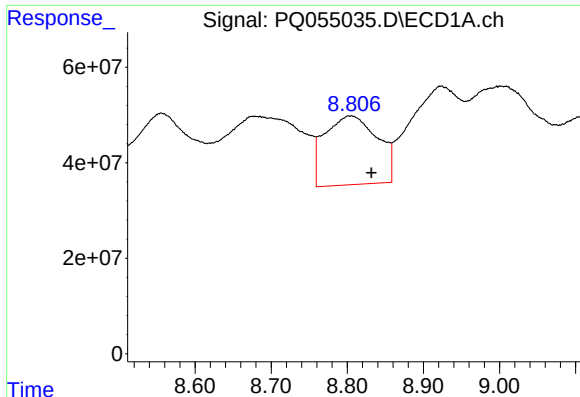
#35 AR-1260-5

R.T.: 9.467 min
Delta R.T.: 0.050 min
Response: 571657073
Conc: 316.33 ng/ml



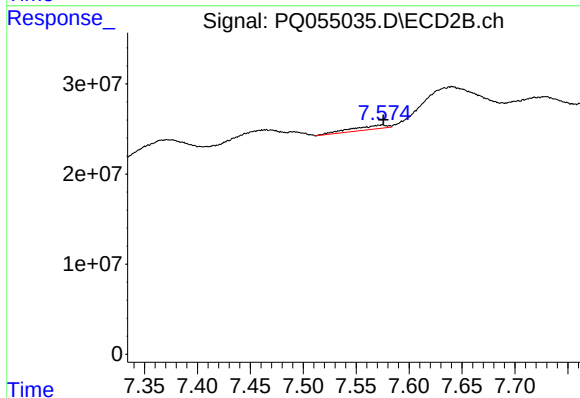
#35 AR-1260-5

R.T.: 8.167 min
Delta R.T.: 0.039 min
Response: 404606962
Conc: 210.35 ng/ml



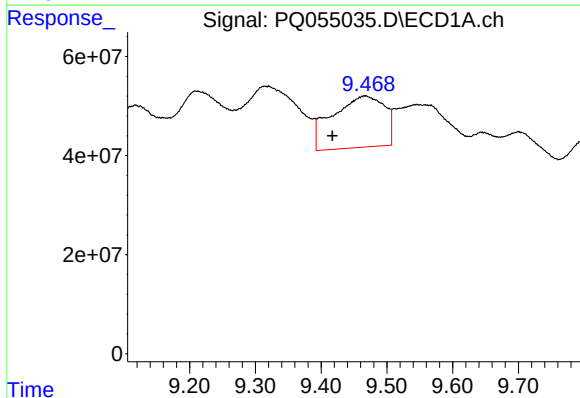
#36 AR-1262-1

R.T.: 8.806 min
Delta R.T.: -0.026 min
Response: 694659432
Conc: 548.14 ng/ml



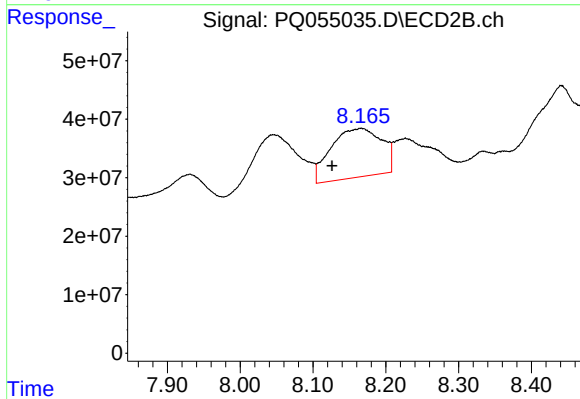
#36 AR-1262-1

R.T.: 7.575 min
Delta R.T.: -0.001 min
Response: 10812670
Conc: 19.57 ng/ml



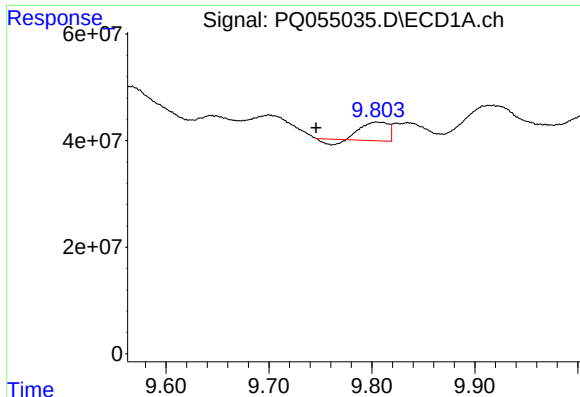
#37 AR-1262-2

R.T.: 9.467 min
Delta R.T.: 0.050 min
Response: 571657073
Conc: 245.34 ng/ml



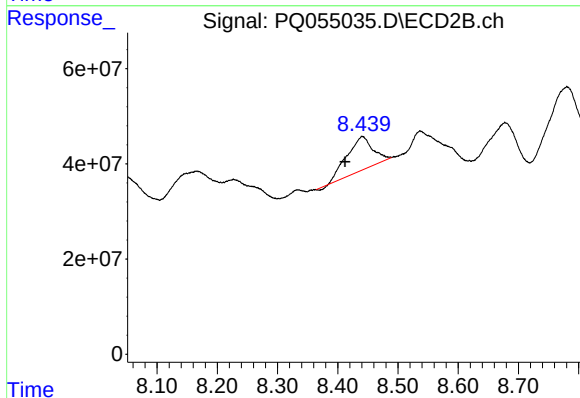
#37 AR-1262-2

R.T.: 8.167 min
Delta R.T.: 0.040 min
Response: 404606962
Conc: 167.65 ng/ml



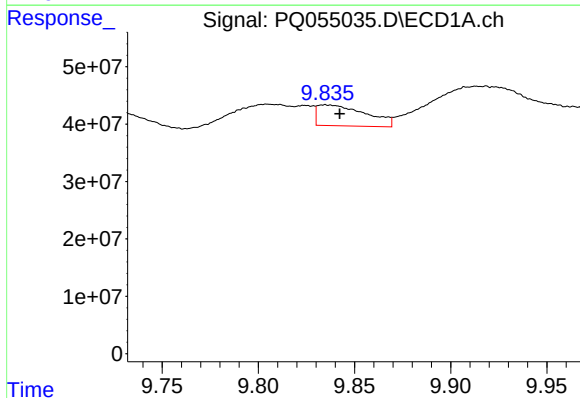
#38 AR-1262-3

R.T.: 9.805 min
Delta R.T.: 0.059 min
Response: 57583375
Conc: 58.38 ng/ml



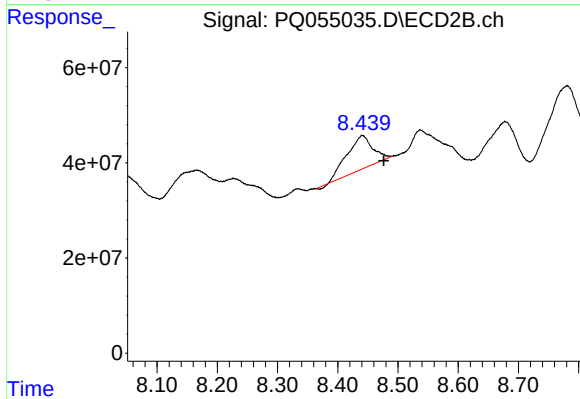
#38 AR-1262-3

R.T.: 8.440 min
Delta R.T.: 0.028 min
Response: 209993024
Conc: 217.14 ng/ml



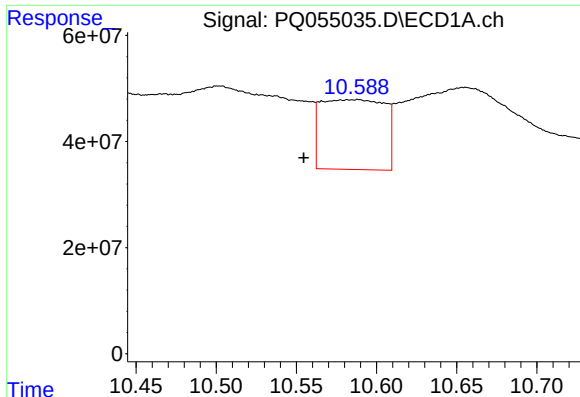
#39 AR-1262-4

R.T.: 9.835 min
Delta R.T.: -0.007 min
Response: 63716397
Conc: 97.59 ng/ml



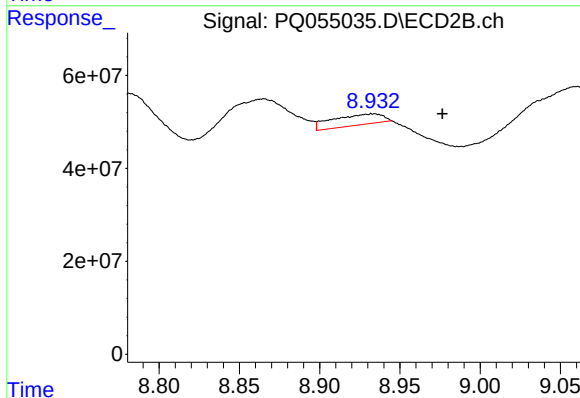
#39 AR-1262-4

R.T.: 8.440 min
Delta R.T.: -0.036 min
Response: 209993024
Conc: 126.05 ng/ml



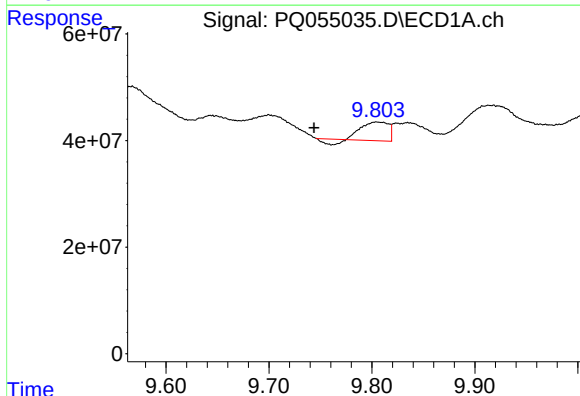
#40 AR-1262-5

R.T.: 10.589 min
Delta R.T.: 0.034 min
Response: 363534940
Conc: 419.29 ng/ml



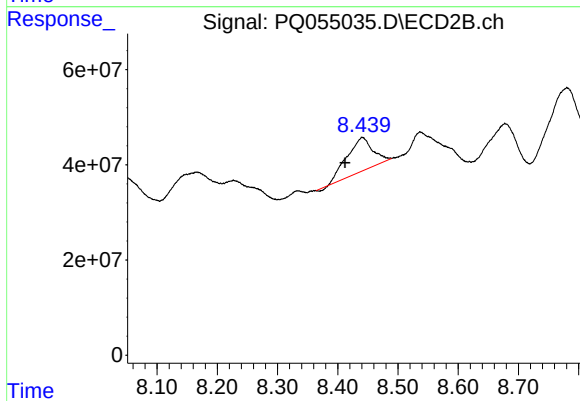
#40 AR-1262-5

R.T.: 8.934 min
Delta R.T.: -0.042 min
Response: 52901964
Conc: 67.33 ng/ml



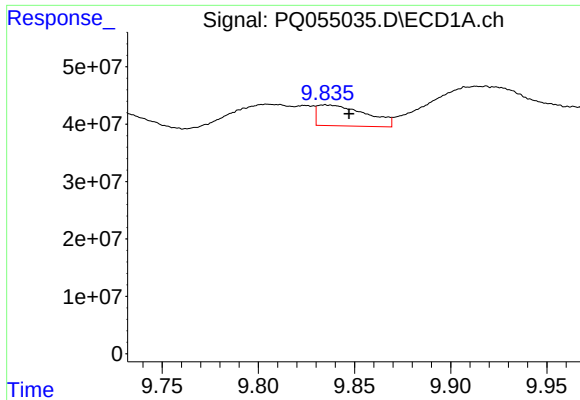
#41 AR-1268-1

R.T.: 9.805 min
Delta R.T.: 0.061 min
Response: 57583375
Conc: 21.79 ng/ml



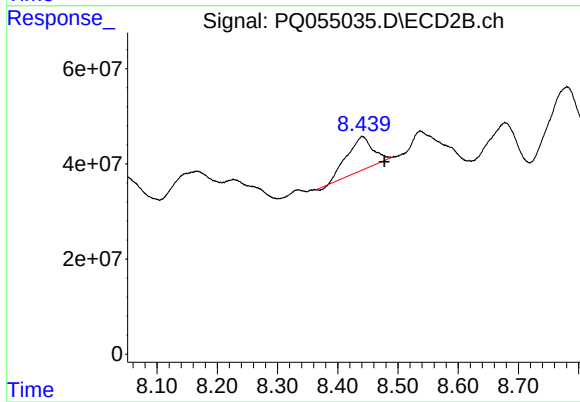
#41 AR-1268-1

R.T.: 8.440 min
Delta R.T.: 0.028 min
Response: 209993024
Conc: 72.79 ng/ml



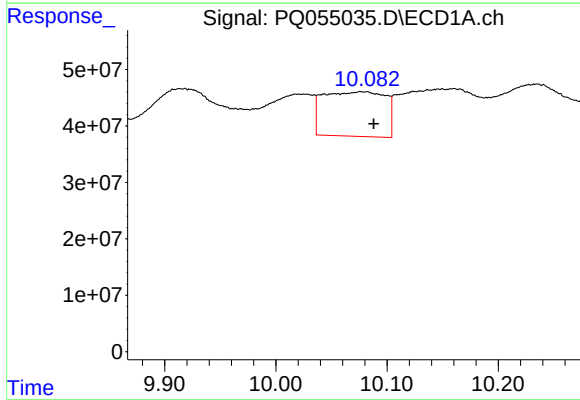
#42 AR-1268-2

R.T.: 9.835 min
Delta R.T.: -0.012 min
Response: 63716397
Conc: 25.80 ng/ml



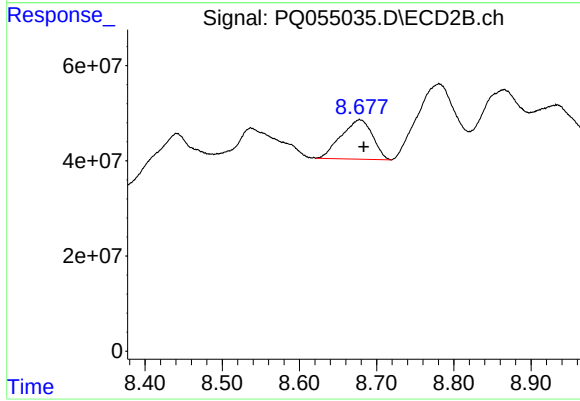
#42 AR-1268-2

R.T.: 8.440 min
Delta R.T.: -0.037 min
Response: 209993024
Conc: 84.72 ng/ml



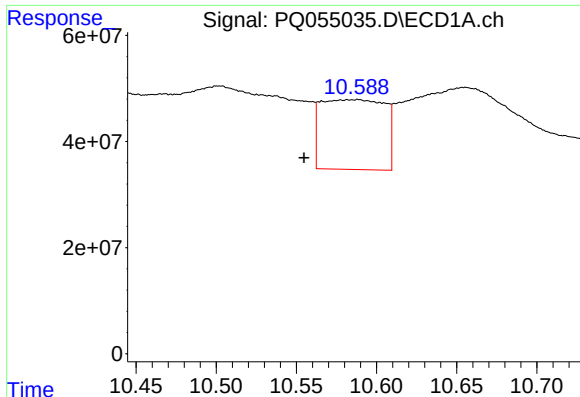
#43 AR-1268-3

R.T.: 10.076 min
Delta R.T.: -0.012 min
Response: 306146528
Conc: 146.80 ng/ml



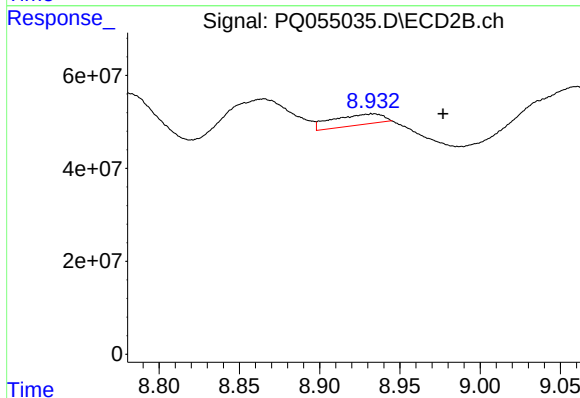
#43 AR-1268-3

R.T.: 8.678 min
Delta R.T.: -0.006 min
Response: 233831518
Conc: 108.67 ng/ml



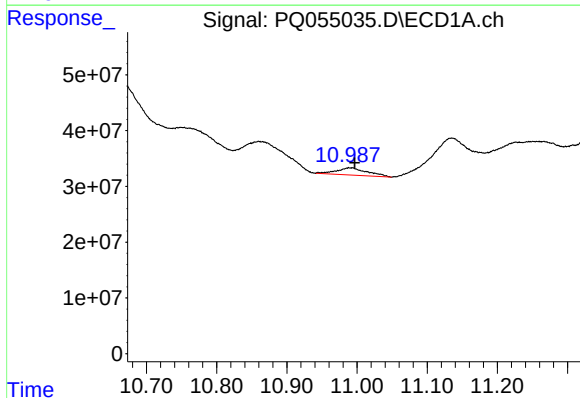
#44 AR-1268-4

R.T.: 10.589 min
Delta R.T.: 0.034 min
Response: 363534940
Conc: 386.49 ng/ml



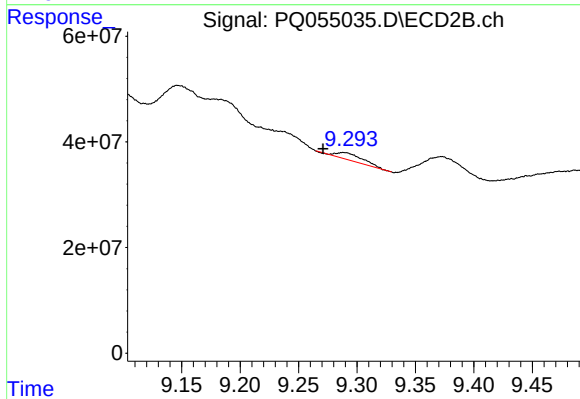
#44 AR-1268-4

R.T.: 8.934 min
Delta R.T.: -0.043 min
Response: 52901964
Conc: 61.26 ng/ml



#45 AR-1268-5

R.T.: 10.993 min
Delta R.T.: -0.004 min
Response: 39952866
Conc: 5.62 ng/ml



#45 AR-1268-5

R.T.: 9.288 min
Delta R.T.: 0.017 min
Response: 19932011
Conc: 3.17 ng/ml