

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102121\
 Data File : PQ055076.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2021 17:22
 Operator : AJ\MA
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 02:59:20 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...	5.195	4.202	549.0E6	255.1E6	23.704	23.282
2)	SA Decachlor...	11.354	9.523	846.9E6	634.5E6	47.352	44.837
Target Compounds							
3)	L1 AR-1016-1	6.519	5.459	256.6E6	128.0E6	363.912	350.985
4)	L1 AR-1016-2	6.544	5.479	406.7E6	229.4E6	355.151	347.637
5)	L1 AR-1016-3	6.610	5.672	247.0E6	105.8E6	360.997	355.416
6)	L1 AR-1016-4	6.718	5.721	196.2E6	83212031	362.708	328.788
7)	L1 AR-1016-5	7.028	5.952	188.6E6	100.6E6	357.489	315.749
8)	L2 AR-1221-1	5.443	4.458	31212524	11265672	119.165	97.242
9)	L2 AR-1221-2	5.547	4.560	43629302	15290288	246.384	190.906
10)	L2 AR-1221-3	5.634	4.648	145.5E6	75421482	252.306	246.430
11)	L3 AR-1232-1	5.634	4.648	145.5E6	75421482	324.747	307.355
12)	L3 AR-1232-2	6.222	5.479	203.0E6	229.4E6	830.165	831.609
13)	L3 AR-1232-3	6.544	5.672	406.7E6	105.8E6	843.984	862.387
14)	L3 AR-1232-4	6.718	5.766	196.2E6	103.9E6	867.471	933.667
15)	L3 AR-1232-5	6.810	5.952	158.6E6	100.6E6	956.090	812.206
16)	L4 AR-1242-1	6.519	5.459	256.6E6	128.0E6	435.545	410.666
17)	L4 AR-1242-2	6.544	5.479	406.7E6	229.4E6	425.714	417.820
18)	L4 AR-1242-3	6.610	5.672	247.0E6	105.8E6	427.753	418.702
19)	L4 AR-1242-4	6.718	5.766	196.2E6	103.9E6	429.652	415.300
20)	L4 AR-1242-5	7.498	6.330	230.5E6	146.7E6	442.878	418.421
21)	L5 AR-1248-1	6.519	5.459	256.6E6	128.0E6	599.968	556.148
22)	L5 AR-1248-2	6.810	5.721	158.6E6	83212031	244.770	231.410
23)	L5 AR-1248-3	7.028	5.766	188.6E6	103.9E6	255.823	279.886
24)	L5 AR-1248-4	7.458	5.952	206.1E6	100.6E6	238.837	223.606
25)	L5 AR-1248-5	7.498	6.373	230.5E6	139.3E6	261.412	285.989
26)	L6 AR-1254-1	7.428	6.330	150.1E6	146.7E6	181.953	201.389
27)	L6 AR-1254-2	7.664	6.487	183.0E6	41497183	141.908	64.439 #
28)	L6 AR-1254-3	8.038	6.908	98380210	54636586	70.637	52.392 #
29)	L6 AR-1254-4	8.335	7.148	53210467	38490115	52.185	54.690
30)	L6 AR-1254-5	8.760	7.575	15366061	11713051	14.126	11.392
31)	L7 AR-1260-1	8.172	7.056	61234531	28510148	70.002	43.853 #
32)	L7 AR-1260-2	8.462	7.239	38244454	5908865	34.160	6.577 #
33)	L7 AR-1260-3	8.760	7.394	15366061	10713442	12.553	13.121
34)	L7 AR-1260-4	9.068	7.914	6562967	4755673	7.176	6.939
35)	L7 AR-1260-5	9.351f	8.121	2421584	7047362	1.340	3.664 #
36)	L8 AR-1262-1	0.000	7.575	0	11713051	N.D.	21.202 #
37)	L8 AR-1262-2	9.351f	8.121	2421584	7047362	1.039	2.920 #
38)	L8 AR-1262-3	9.789f	8.443	3855176	3017223	3.908	3.120
39)	L8 AR-1262-4	9.789f	8.477	3855176	1621670	5.904	0.973 #
40)	L8 AR-1262-5	10.595f	0.000	4912817	0	5.666	N.D. #
41)	L9 AR-1268-1	9.789f	8.443	3855176	3017223	1.459	1.046 #

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 Quant Title : GC EXTRACTABLES
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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

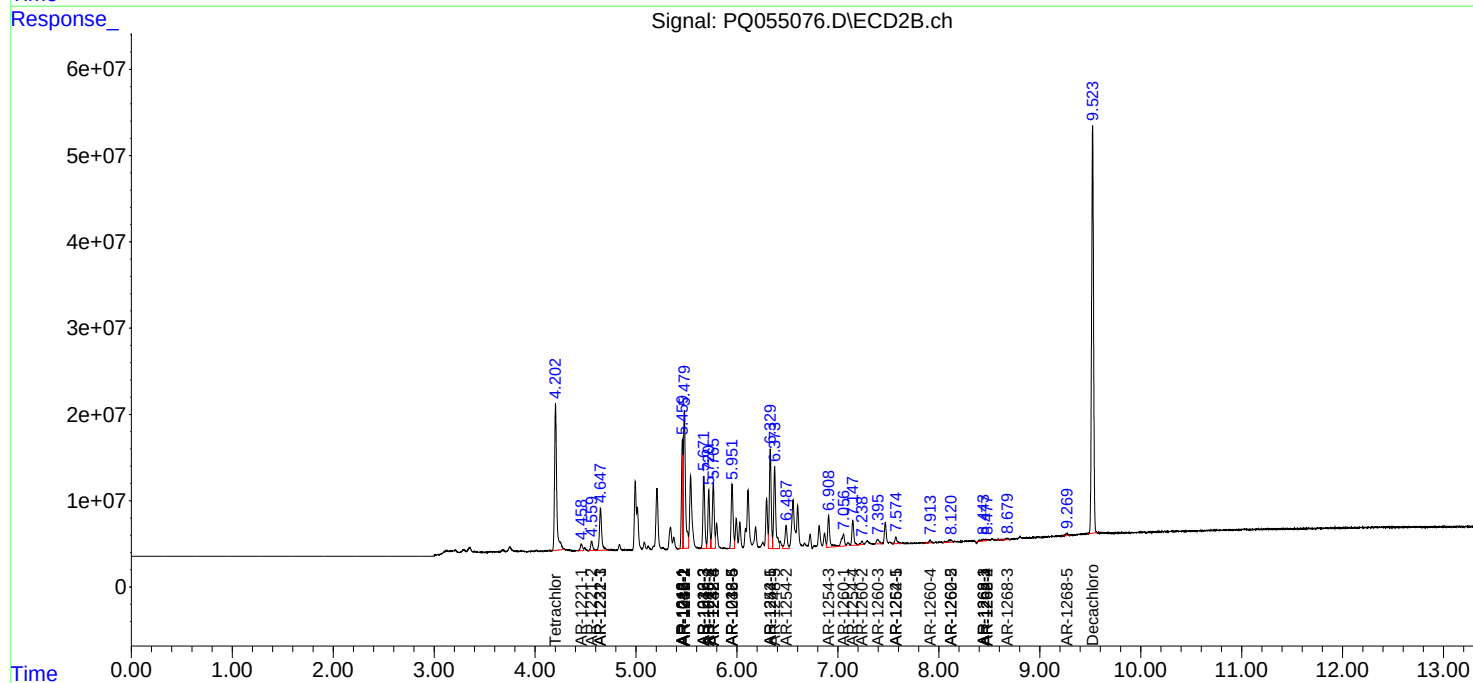
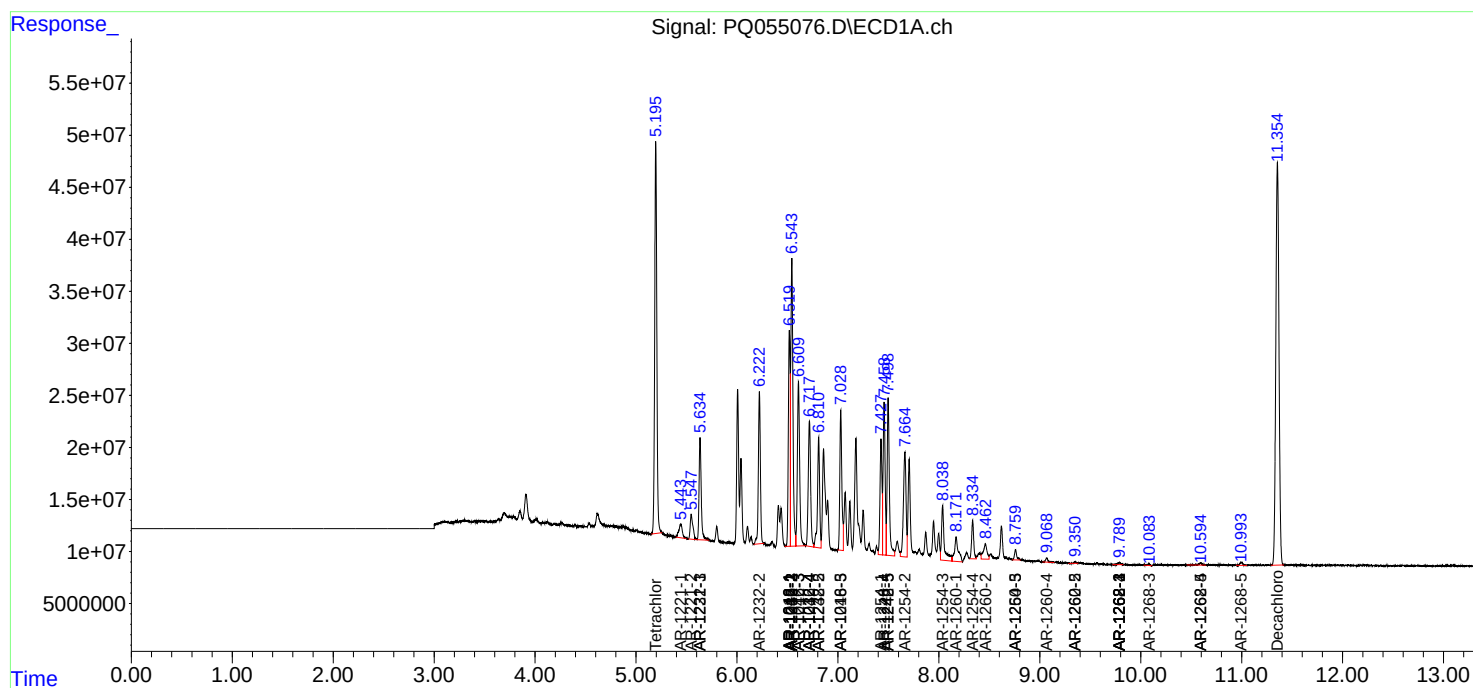
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.789f	8.477	3855176	1621670	1.561	0.654 #
43) L9	AR-1268-3	10.084	8.680	2948298	3783410	1.414	1.758
44) L9	AR-1268-4	10.595f	0.000	4912817	0	5.223	N.D. #
45) L9	AR-1268-5	10.994	9.269	5946840	3940632	0.836	0.627

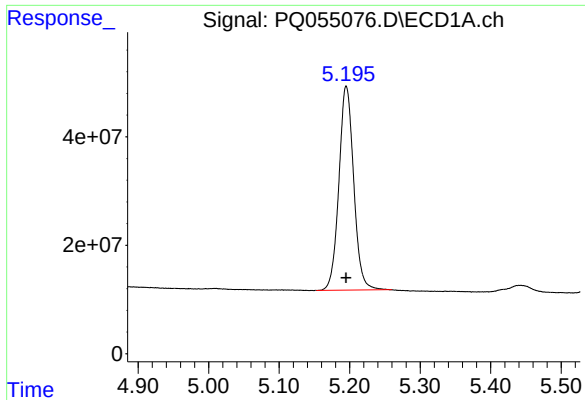
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Misc :
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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

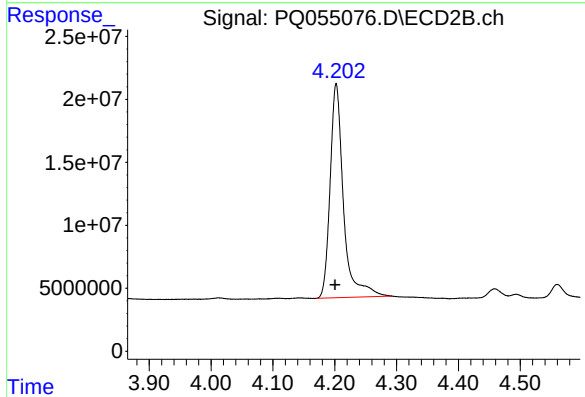
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





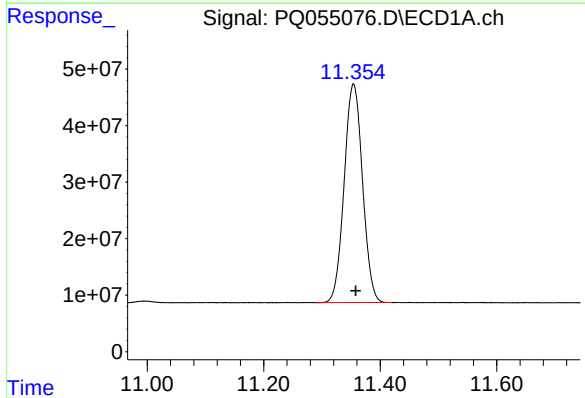
#1 Tetrachloro-m-xylene

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 548975416
Conc: 23.70 ng/ml



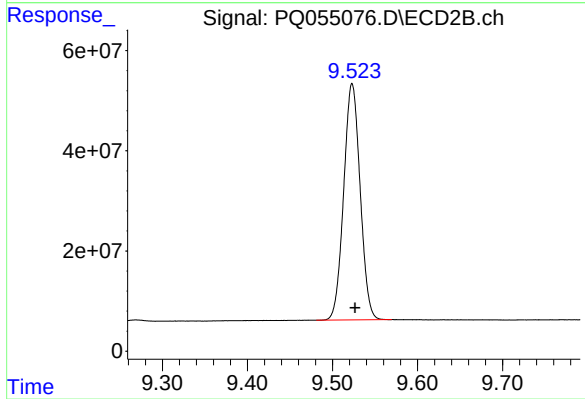
#1 Tetrachloro-m-xylene

R.T.: 4.202 min
Delta R.T.: 0.002 min
Response: 255069960
Conc: 23.28 ng/ml



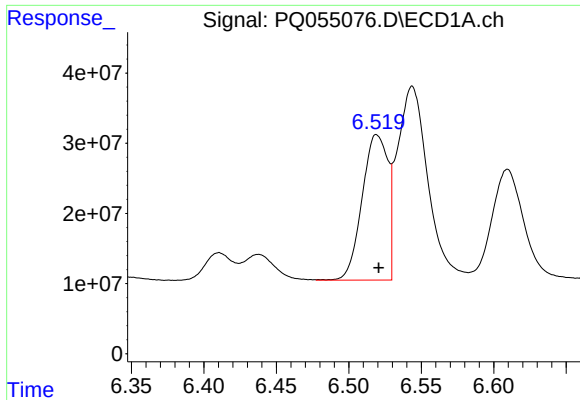
#2 Decachlorobiphenyl

R.T.: 11.354 min
Delta R.T.: -0.004 min
Response: 846874528
Conc: 47.35 ng/ml



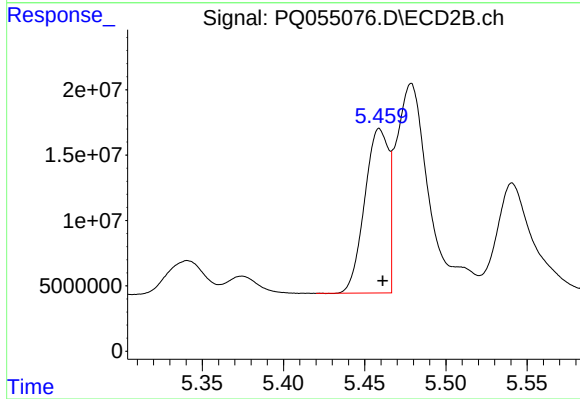
#2 Decachlorobiphenyl

R.T.: 9.523 min
Delta R.T.: -0.004 min
Response: 634520646
Conc: 44.84 ng/ml



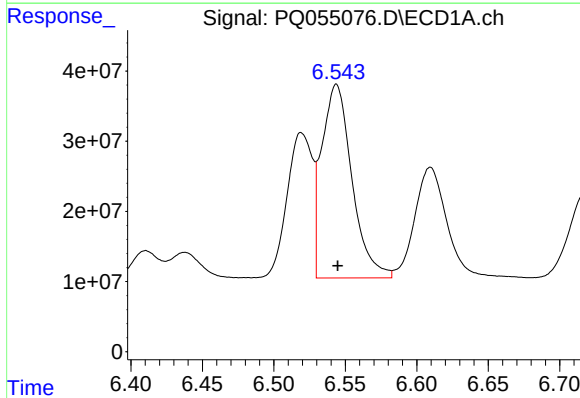
#3 AR-1016-1

R.T.: 6.519 min
Delta R.T.: -0.001 min
Response: 256575402
Conc: 363.91 ng/ml



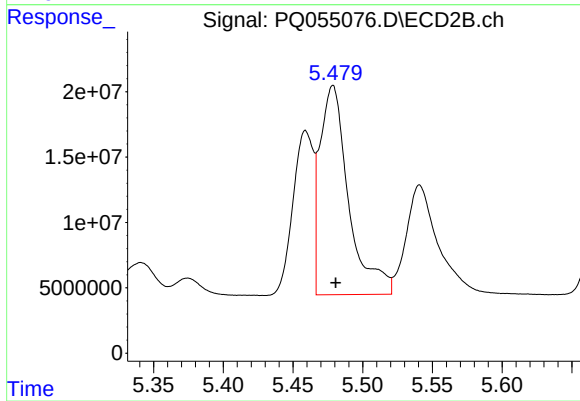
#3 AR-1016-1

R.T.: 5.459 min
Delta R.T.: -0.002 min
Response: 128042720
Conc: 350.99 ng/ml



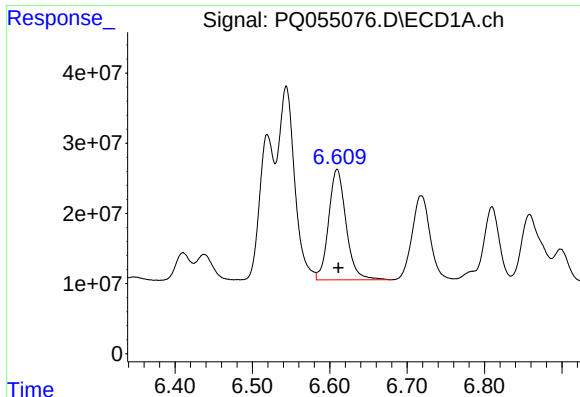
#4 AR-1016-2

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 406669980
Conc: 355.15 ng/ml



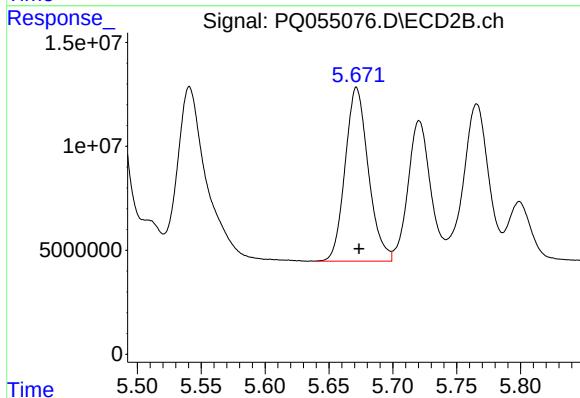
#4 AR-1016-2

R.T.: 5.479 min
Delta R.T.: -0.002 min
Response: 229398392
Conc: 347.64 ng/ml



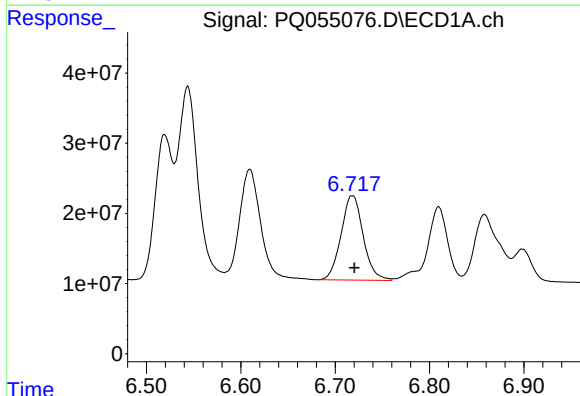
#5 AR-1016-3

R.T.: 6.610 min
Delta R.T.: -0.001 min
Response: 246964850
Conc: 361.00 ng/ml



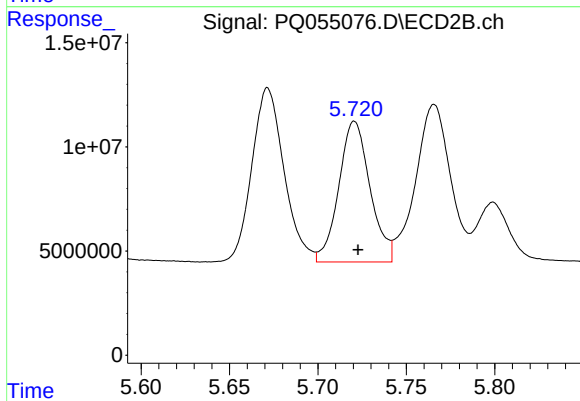
#5 AR-1016-3

R.T.: 5.672 min
Delta R.T.: -0.002 min
Response: 105794062
Conc: 355.42 ng/ml



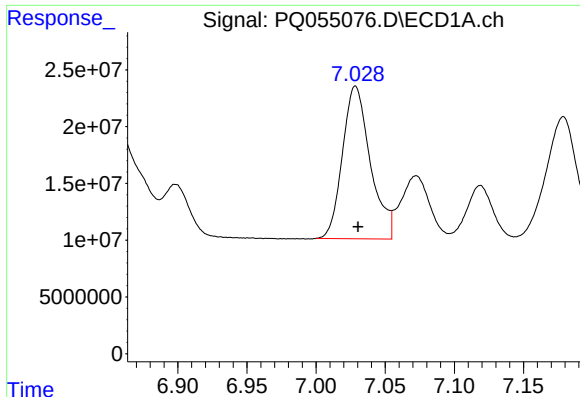
#6 AR-1016-4

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 196217003
Conc: 362.71 ng/ml



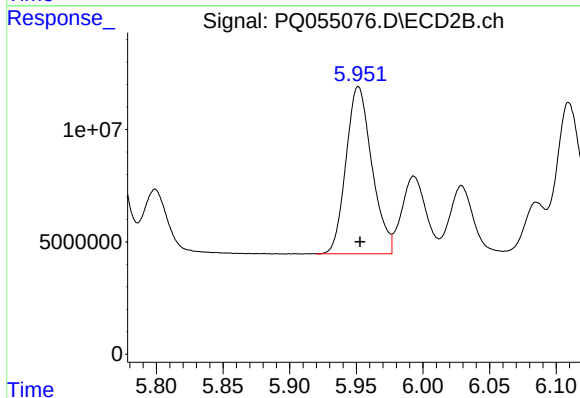
#6 AR-1016-4

R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 83212031
Conc: 328.79 ng/ml



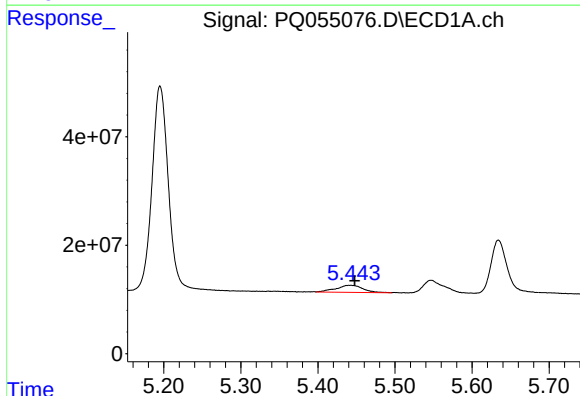
#7 AR-1016-5

R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 188625249
Conc: 357.49 ng/ml



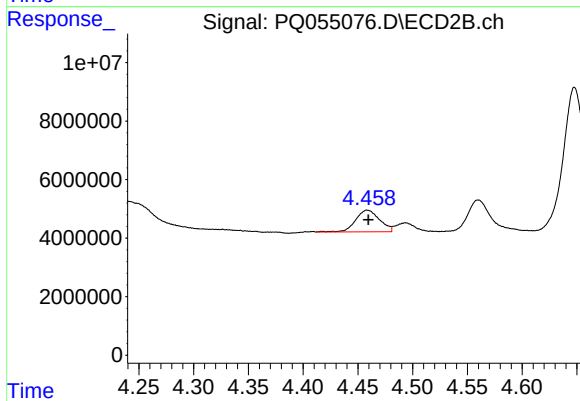
#7 AR-1016-5

R.T.: 5.952 min
Delta R.T.: -0.001 min
Response: 100642266
Conc: 315.75 ng/ml



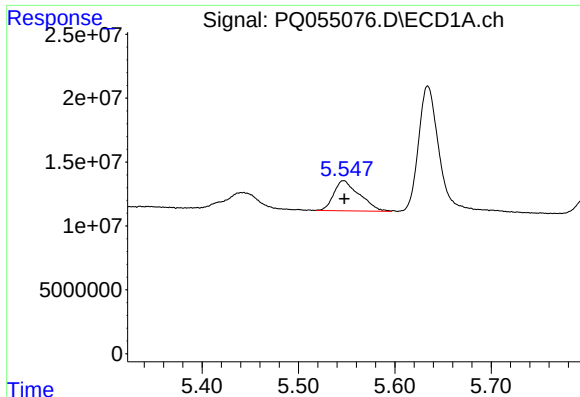
#8 AR-1221-1

R.T.: 5.443 min
Delta R.T.: -0.005 min
Response: 31212524
Conc: 119.17 ng/ml



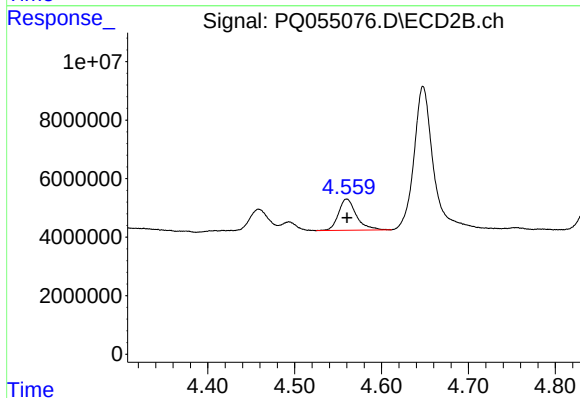
#8 AR-1221-1

R.T.: 4.458 min
Delta R.T.: -0.001 min
Response: 11265672
Conc: 97.24 ng/ml



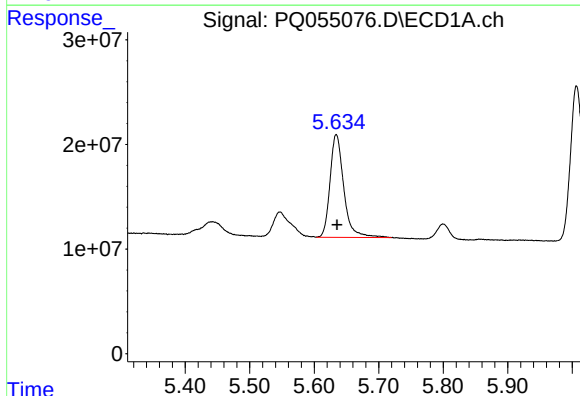
#9 AR-1221-2

R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 43629302
Conc: 246.38 ng/ml



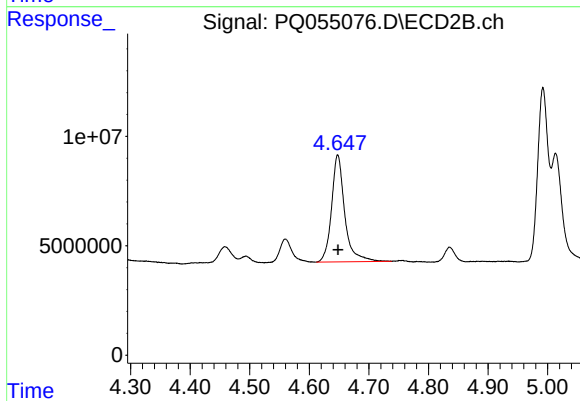
#9 AR-1221-2

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 15290288
Conc: 190.91 ng/ml



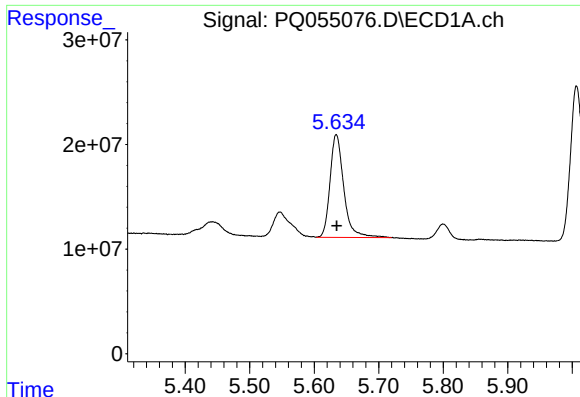
#10 AR-1221-3

R.T.: 5.634 min
Delta R.T.: -0.001 min
Response: 145466346
Conc: 252.31 ng/ml



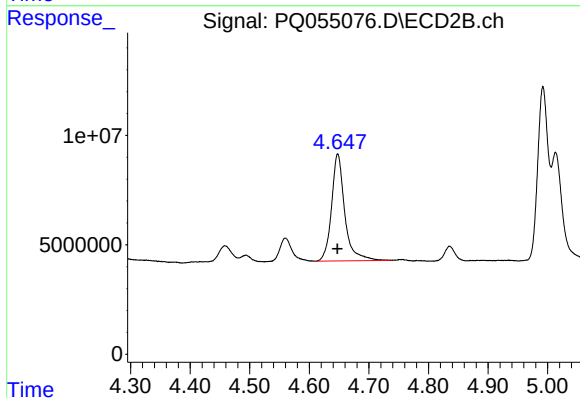
#10 AR-1221-3

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 75421482
Conc: 246.43 ng/ml



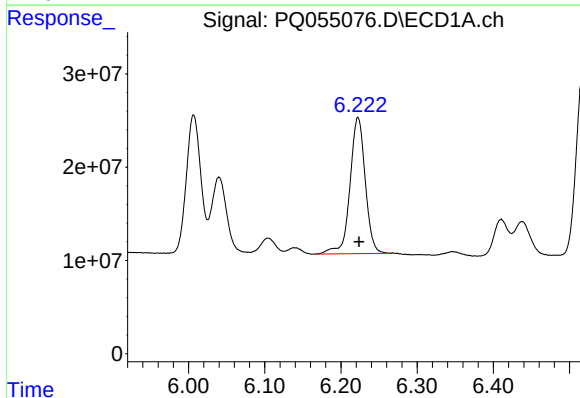
#11 AR-1232-1

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 145466346
Conc: 324.75 ng/ml



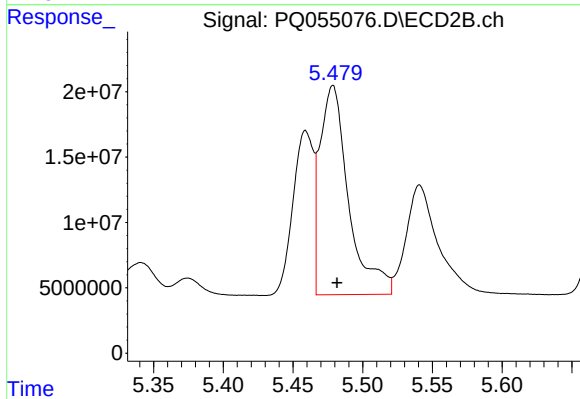
#11 AR-1232-1

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 75421482
Conc: 307.35 ng/ml



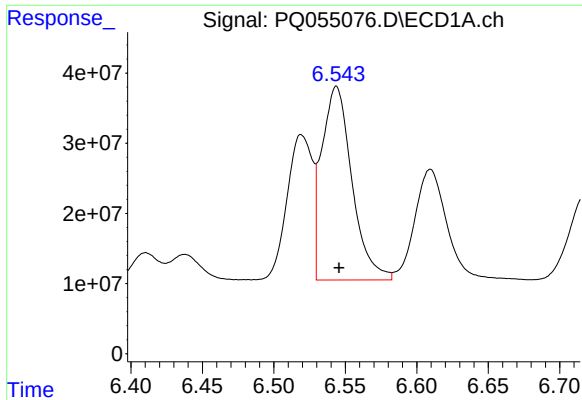
#12 AR-1232-2

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 202967144
Conc: 830.16 ng/ml



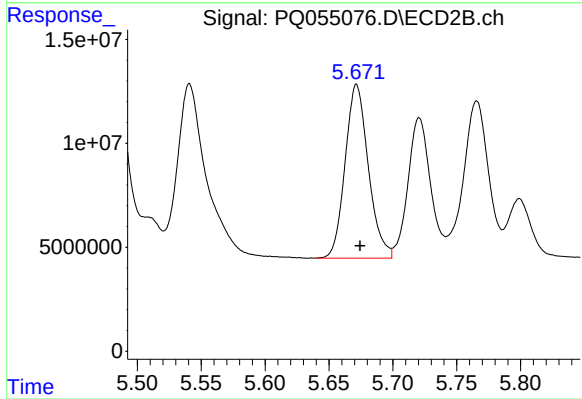
#12 AR-1232-2

R.T.: 5.479 min
Delta R.T.: -0.003 min
Response: 229398392
Conc: 831.61 ng/ml



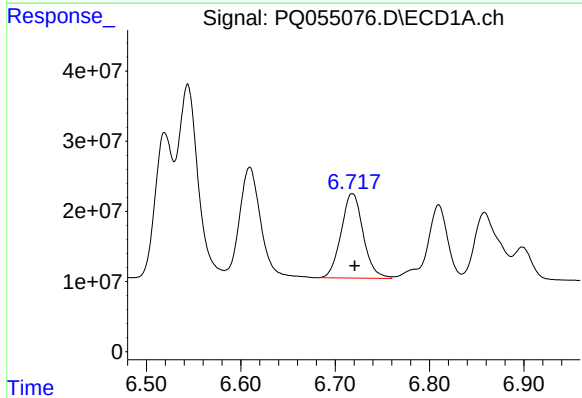
#13 AR-1232-3

R.T.: 6.544 min
Delta R.T.: -0.002 min
Response: 406669980
Conc: 843.98 ng/ml



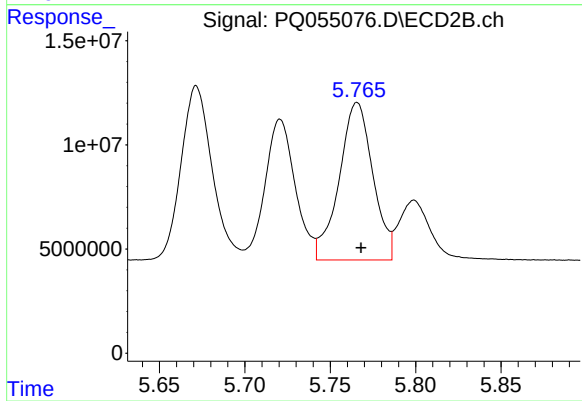
#13 AR-1232-3

R.T.: 5.672 min
Delta R.T.: -0.003 min
Response: 105794062
Conc: 862.39 ng/ml



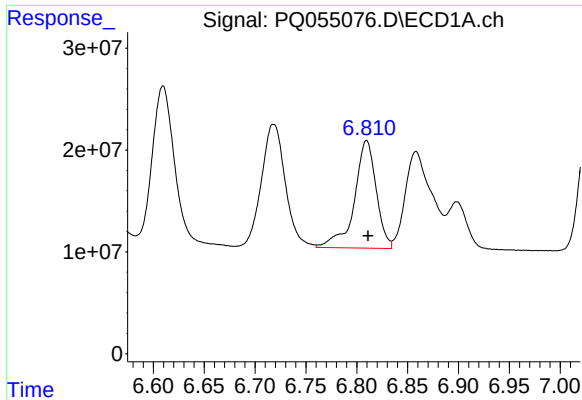
#14 AR-1232-4

R.T.: 6.718 min
Delta R.T.: -0.003 min
Response: 196217003
Conc: 867.47 ng/ml



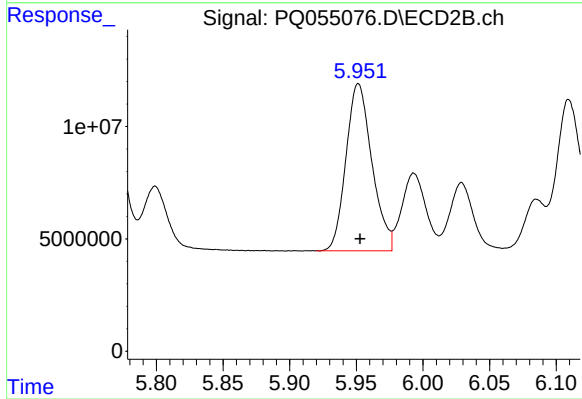
#14 AR-1232-4

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 103854807
Conc: 933.67 ng/ml



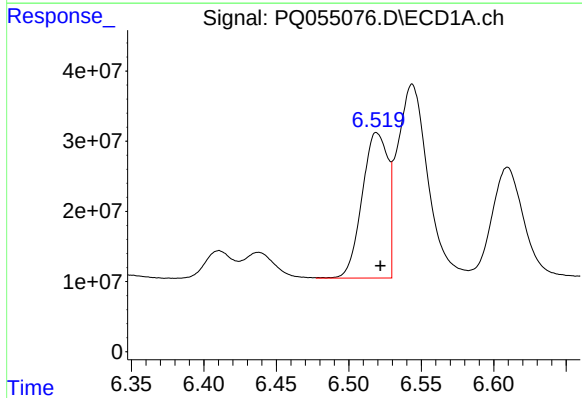
#15 AR-1232-5

R.T.: 6.810 min
Delta R.T.: -0.001 min
Response: 158571922
Conc: 956.09 ng/ml



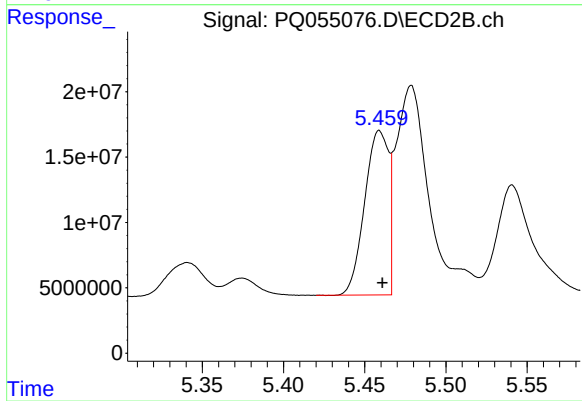
#15 AR-1232-5

R.T.: 5.952 min
Delta R.T.: -0.001 min
Response: 100642266
Conc: 812.21 ng/ml



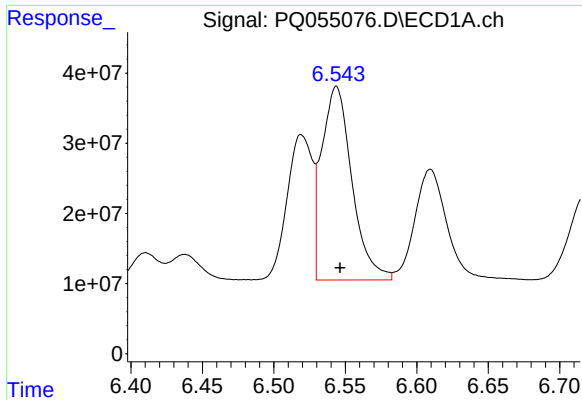
#16 AR-1242-1

R.T.: 6.519 min
Delta R.T.: -0.002 min
Response: 256575402
Conc: 435.54 ng/ml



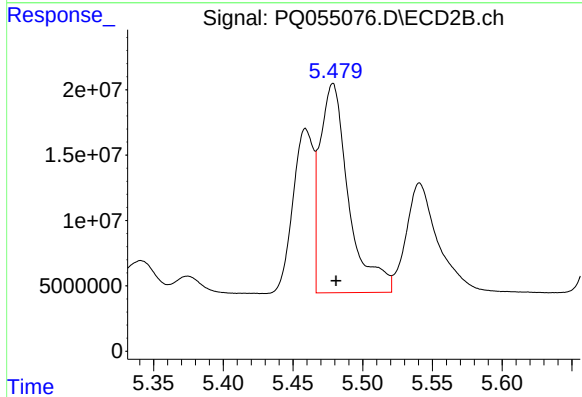
#16 AR-1242-1

R.T.: 5.459 min
Delta R.T.: -0.002 min
Response: 128042720
Conc: 410.67 ng/ml



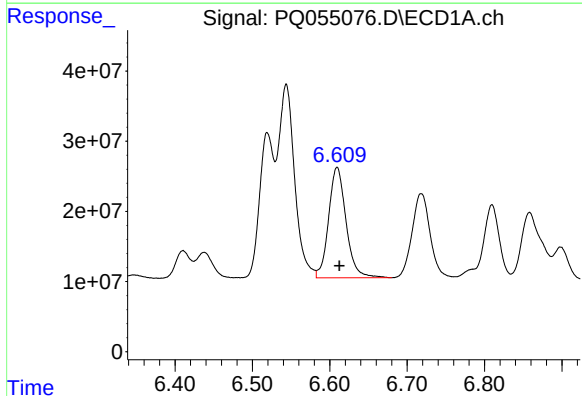
#17 AR-1242-2

R.T.: 6.544 min
Delta R.T.: -0.003 min
Response: 406669980
Conc: 425.71 ng/ml



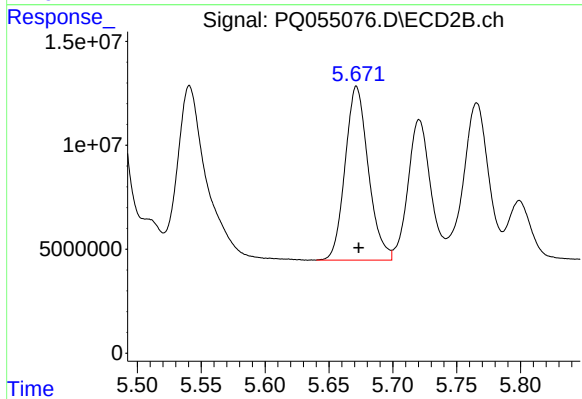
#17 AR-1242-2

R.T.: 5.479 min
Delta R.T.: -0.002 min
Response: 229398392
Conc: 417.82 ng/ml



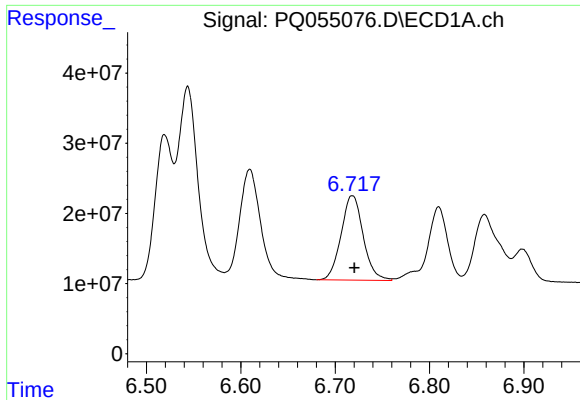
#18 AR-1242-3

R.T.: 6.610 min
Delta R.T.: -0.003 min
Response: 246964850
Conc: 427.75 ng/ml



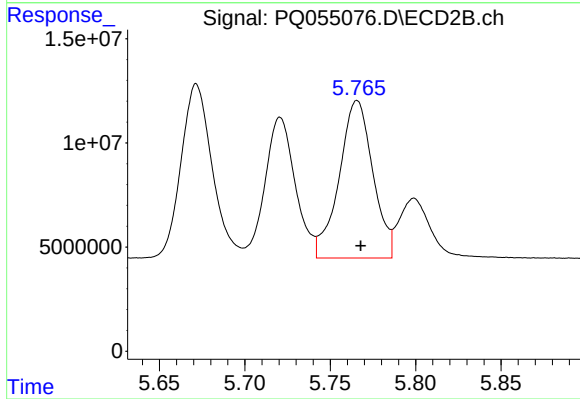
#18 AR-1242-3

R.T.: 5.672 min
Delta R.T.: -0.002 min
Response: 105794062
Conc: 418.70 ng/ml



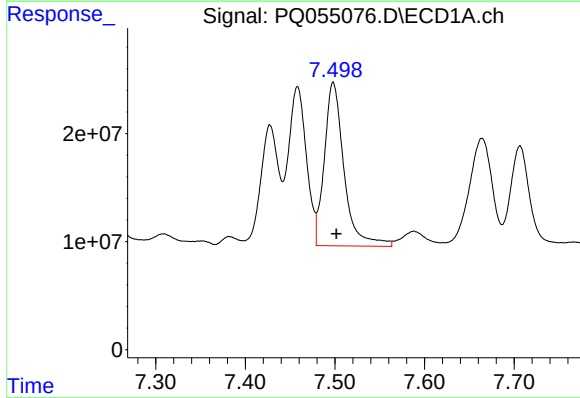
#19 AR-1242-4

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 196217003
Conc: 429.65 ng/ml



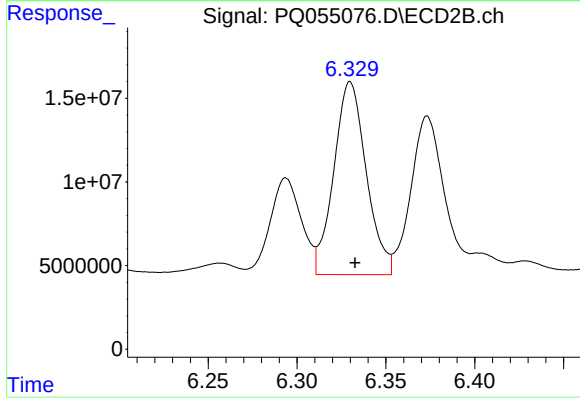
#19 AR-1242-4

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 103854807
Conc: 415.30 ng/ml



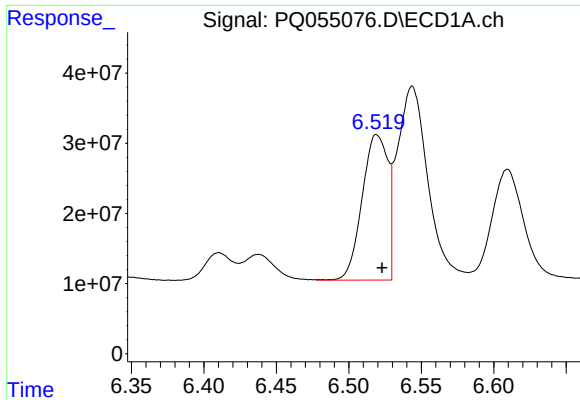
#20 AR-1242-5

R.T.: 7.498 min
Delta R.T.: -0.004 min
Response: 230452274
Conc: 442.88 ng/ml



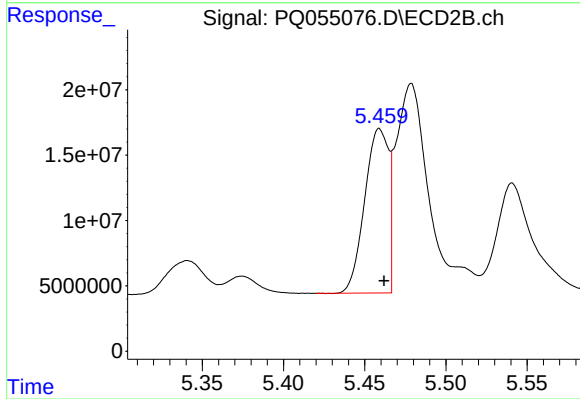
#20 AR-1242-5

R.T.: 6.330 min
Delta R.T.: -0.003 min
Response: 146694380
Conc: 418.42 ng/ml



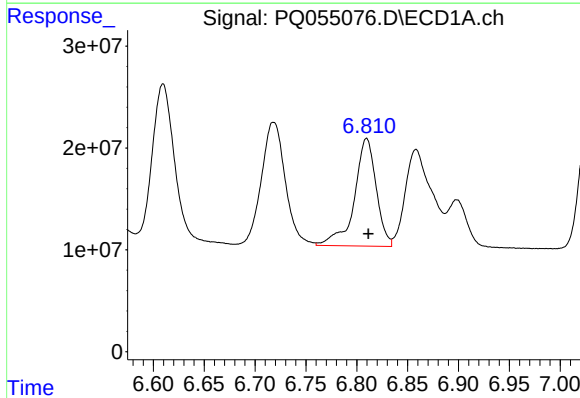
#21 AR-1248-1

R.T.: 6.519 min
Delta R.T.: -0.004 min
Response: 256575402
Conc: 599.97 ng/ml



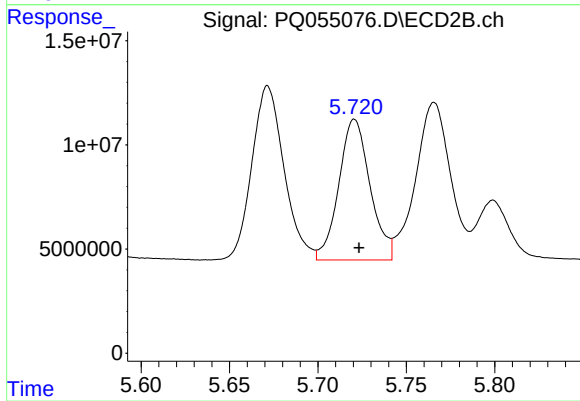
#21 AR-1248-1

R.T.: 5.459 min
Delta R.T.: -0.003 min
Response: 128042720
Conc: 556.15 ng/ml



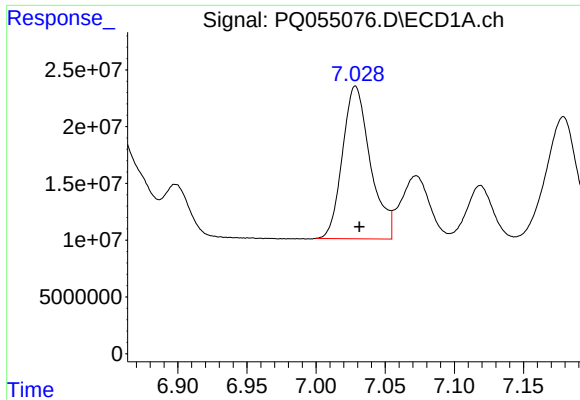
#22 AR-1248-2

R.T.: 6.810 min
Delta R.T.: -0.002 min
Response: 158571922
Conc: 244.77 ng/ml



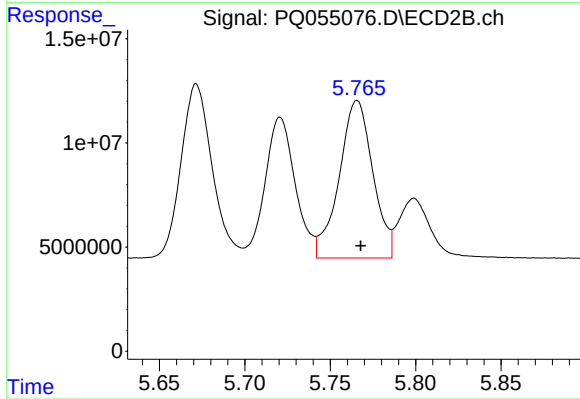
#22 AR-1248-2

R.T.: 5.721 min
Delta R.T.: -0.003 min
Response: 83212031
Conc: 231.41 ng/ml



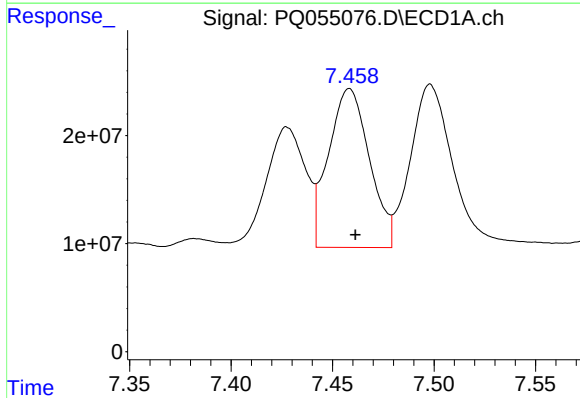
#23 AR-1248-3

R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 188625249
Conc: 255.82 ng/ml



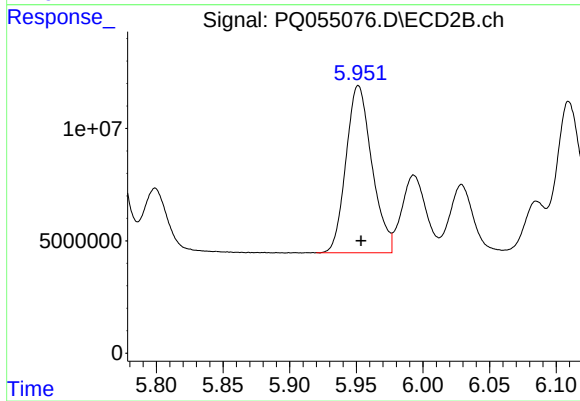
#23 AR-1248-3

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 103854807
Conc: 279.89 ng/ml



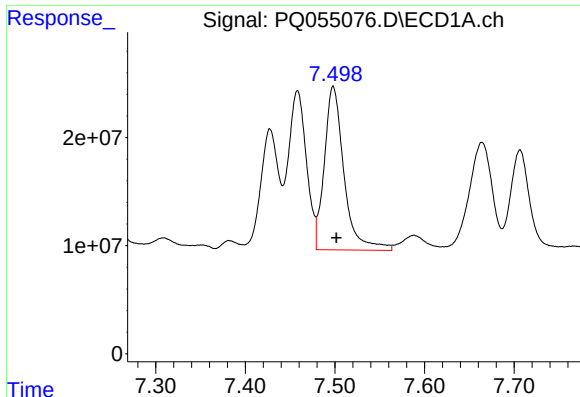
#24 AR-1248-4

R.T.: 7.458 min
Delta R.T.: -0.003 min
Response: 206108029
Conc: 238.84 ng/ml



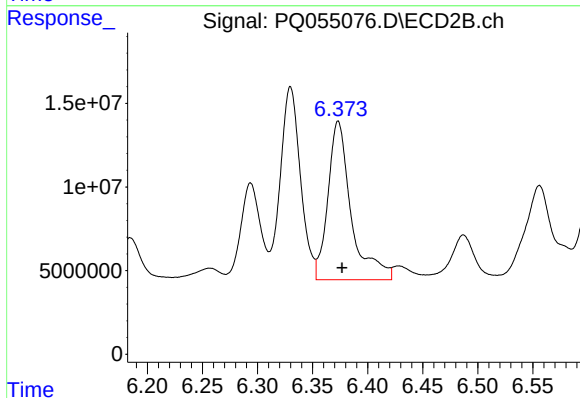
#24 AR-1248-4

R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 100642266
Conc: 223.61 ng/ml



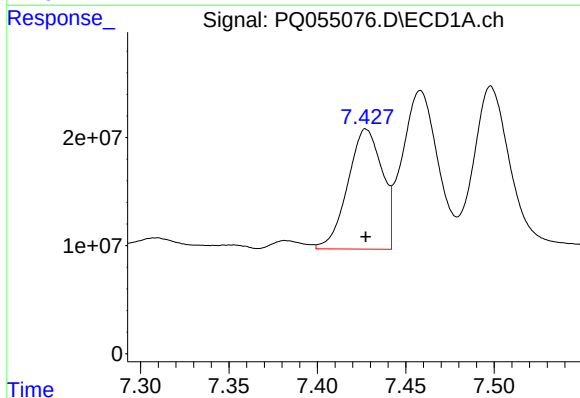
#25 AR-1248-5

R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 230452274
Conc: 261.41 ng/ml



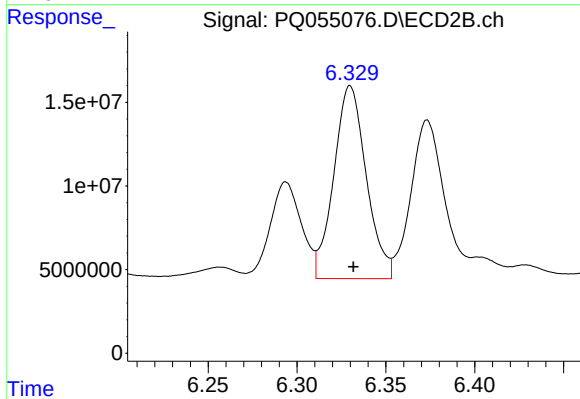
#25 AR-1248-5

R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 139287206
Conc: 285.99 ng/ml



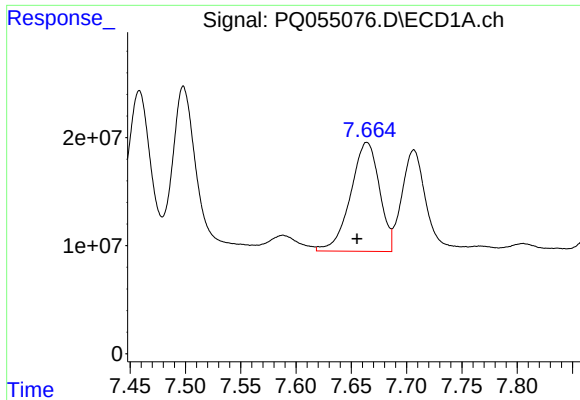
#26 AR-1254-1

R.T.: 7.428 min
Delta R.T.: 0.000 min
Response: 150140618
Conc: 181.95 ng/ml



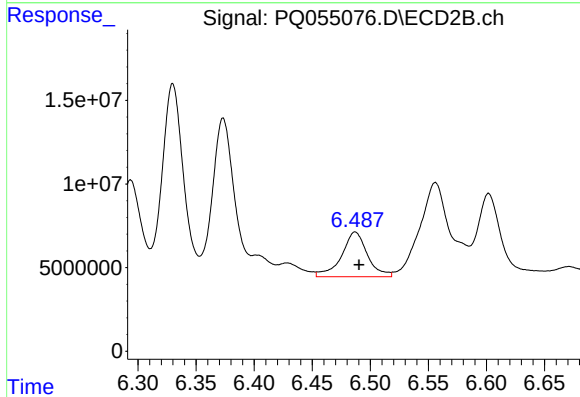
#26 AR-1254-1

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 146694380
Conc: 201.39 ng/ml



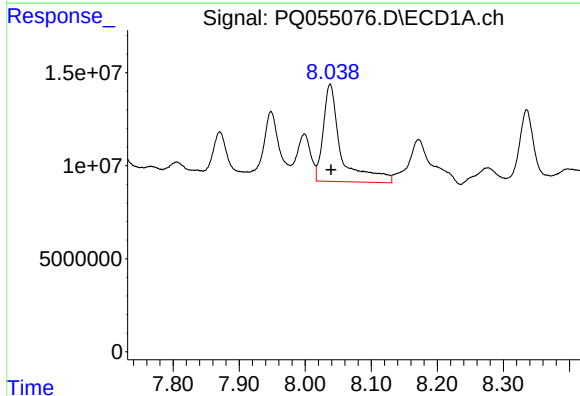
#27 AR-1254-2

R.T.: 7.664 min
Delta R.T.: 0.009 min
Response: 183012286
Conc: 141.91 ng/ml



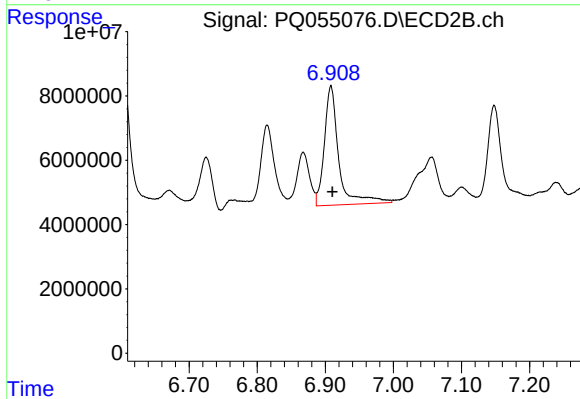
#27 AR-1254-2

R.T.: 6.487 min
Delta R.T.: -0.003 min
Response: 41497183
Conc: 64.44 ng/ml



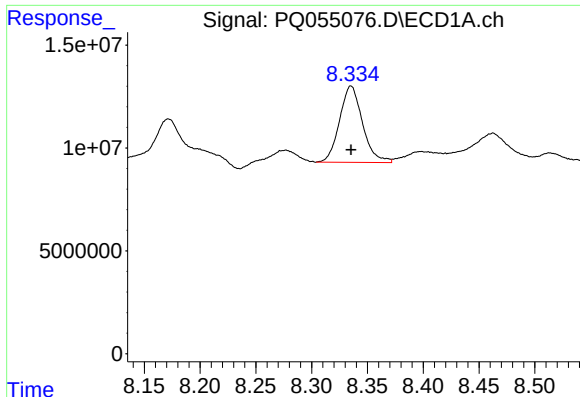
#28 AR-1254-3

R.T.: 8.038 min
Delta R.T.: -0.001 min
Response: 98380210
Conc: 70.64 ng/ml



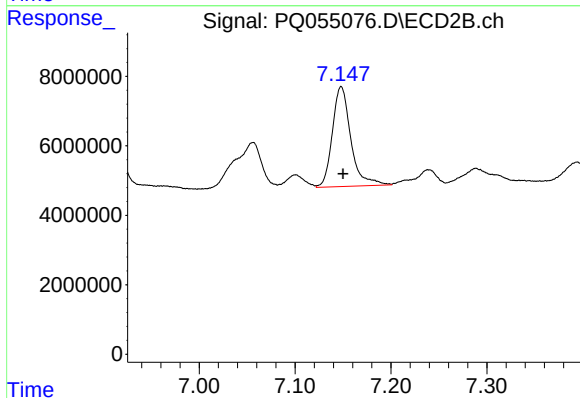
#28 AR-1254-3

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 54636586
Conc: 52.39 ng/ml



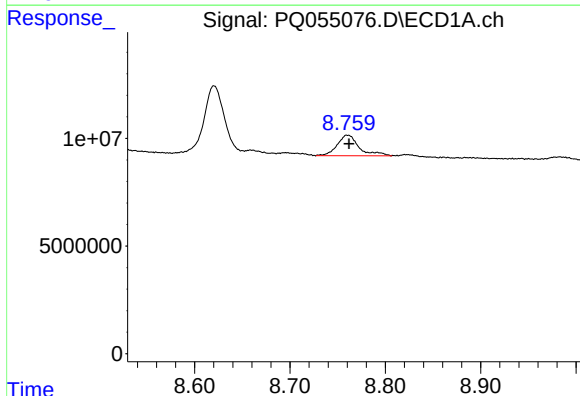
#29 AR-1254-4

R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 53210467
Conc: 52.19 ng/ml



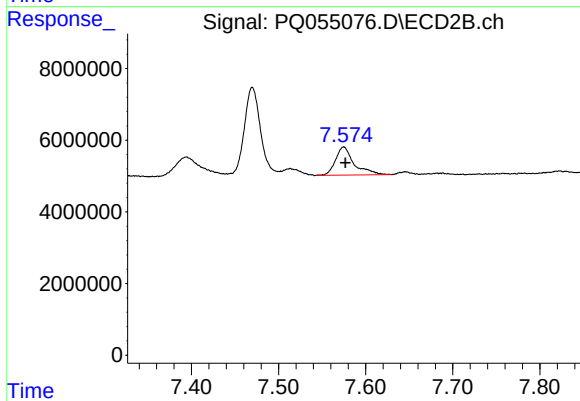
#29 AR-1254-4

R.T.: 7.148 min
Delta R.T.: -0.002 min
Response: 38490115
Conc: 54.69 ng/ml



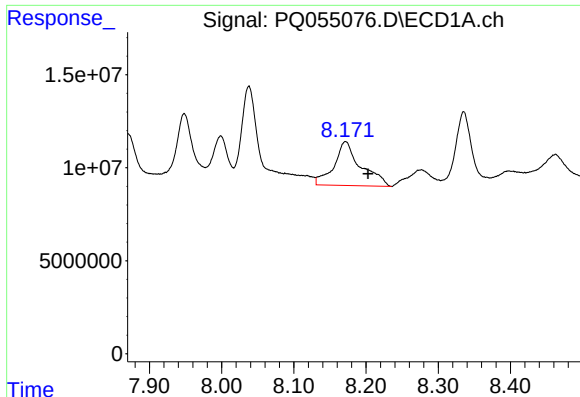
#30 AR-1254-5

R.T.: 8.760 min
Delta R.T.: -0.002 min
Response: 15366061
Conc: 14.13 ng/ml



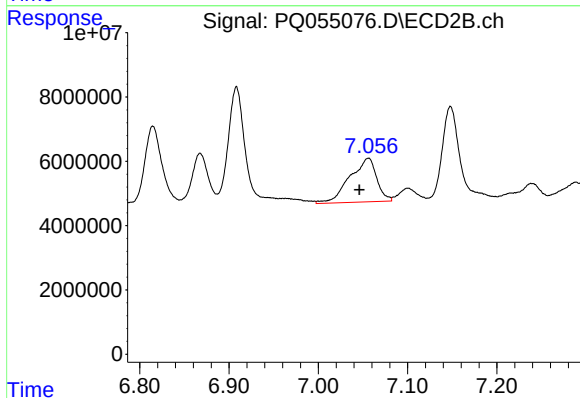
#30 AR-1254-5

R.T.: 7.575 min
Delta R.T.: -0.002 min
Response: 11713051
Conc: 11.39 ng/ml



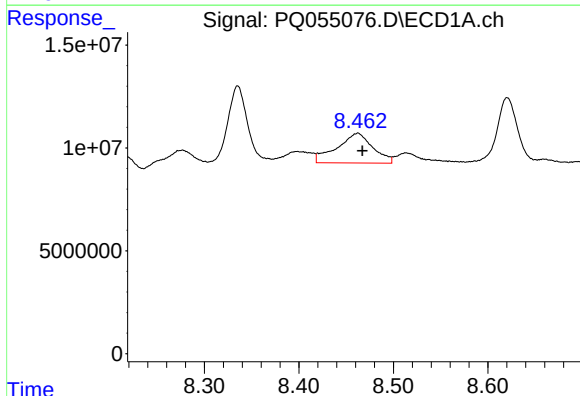
#31 AR-1260-1

R.T.: 8.172 min
Delta R.T.: -0.031 min
Response: 61234531
Conc: 70.00 ng/ml



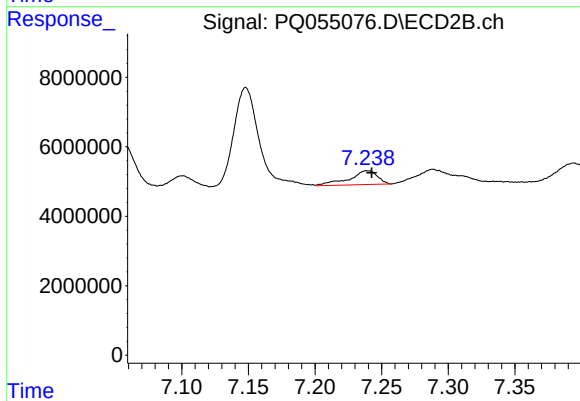
#31 AR-1260-1

R.T.: 7.056 min
Delta R.T.: 0.010 min
Response: 28510148
Conc: 43.85 ng/ml



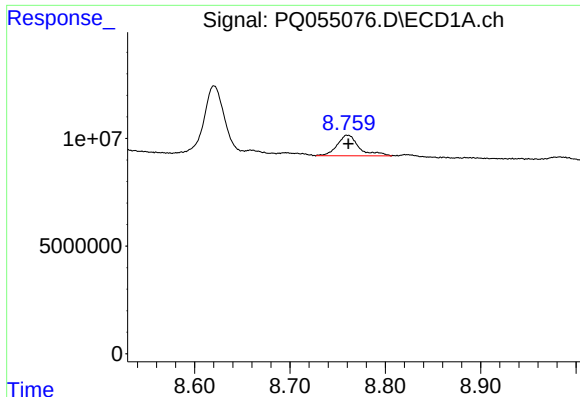
#32 AR-1260-2

R.T.: 8.462 min
Delta R.T.: -0.005 min
Response: 38244454
Conc: 34.16 ng/ml



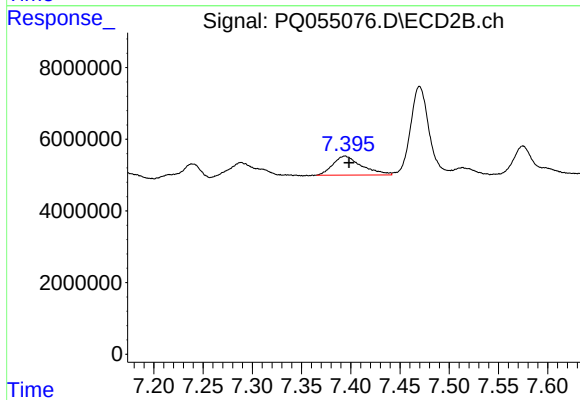
#32 AR-1260-2

R.T.: 7.239 min
Delta R.T.: -0.003 min
Response: 5908865
Conc: 6.58 ng/ml



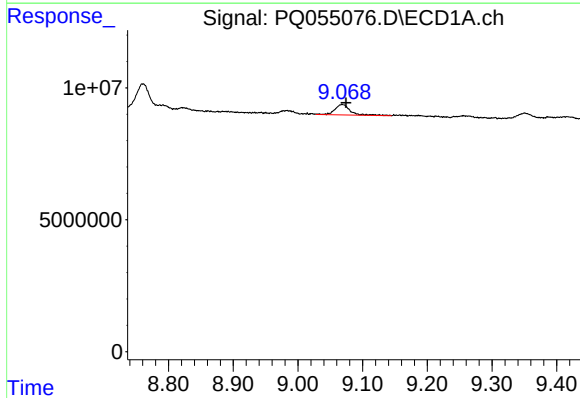
#33 AR-1260-3

R.T.: 8.760 min
Delta R.T.: 0.000 min
Response: 15366061
Conc: 12.55 ng/ml



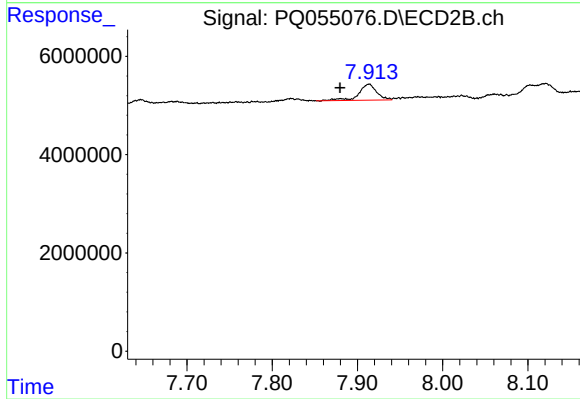
#33 AR-1260-3

R.T.: 7.394 min
Delta R.T.: -0.004 min
Response: 10713442
Conc: 13.12 ng/ml



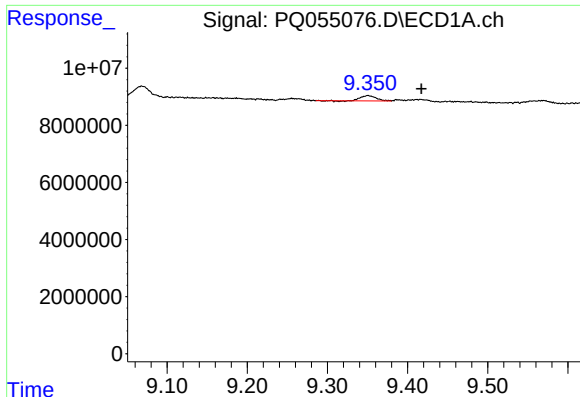
#34 AR-1260-4

R.T.: 9.068 min
Delta R.T.: -0.006 min
Response: 6562967
Conc: 7.18 ng/ml



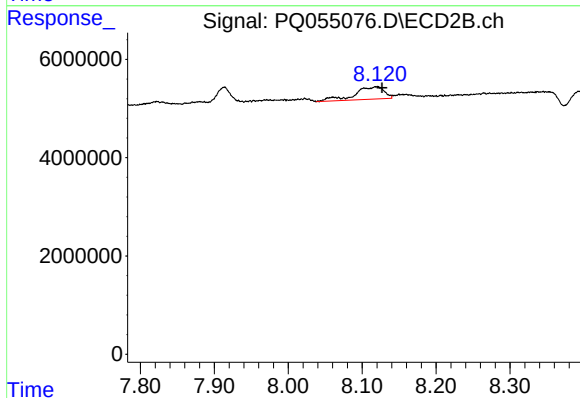
#34 AR-1260-4

R.T.: 7.914 min
Delta R.T.: 0.034 min
Response: 4755673
Conc: 6.94 ng/ml



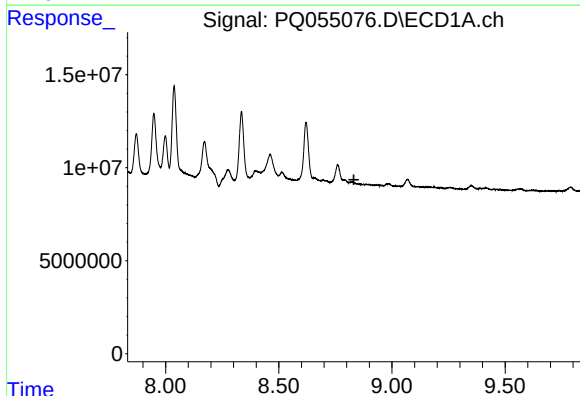
#35 AR-1260-5

R.T.: 9.351 min
Delta R.T.: -0.067 min
Response: 2421584
Conc: 1.34 ng/ml



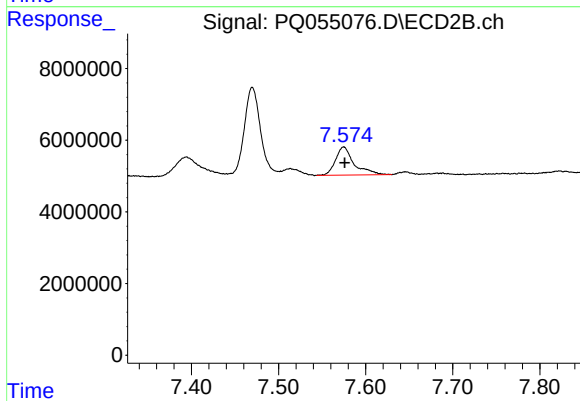
#35 AR-1260-5

R.T.: 8.121 min
Delta R.T.: -0.007 min
Response: 7047362
Conc: 3.66 ng/ml



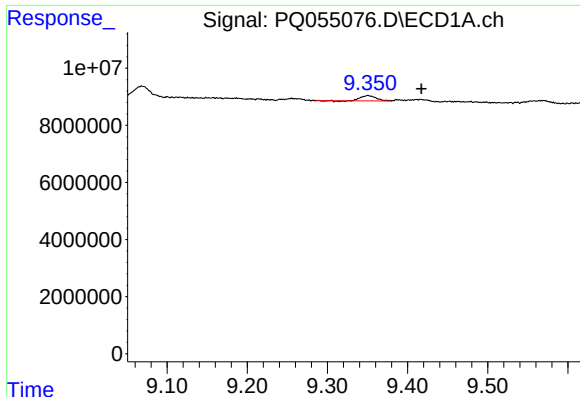
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.832 min
Response: 0
Conc: N.D.



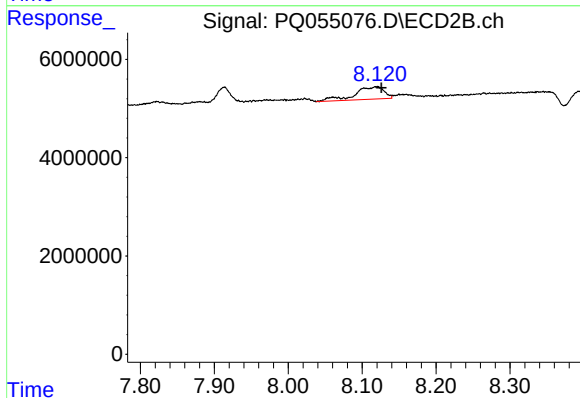
#36 AR-1262-1

R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 11713051
Conc: 21.20 ng/ml



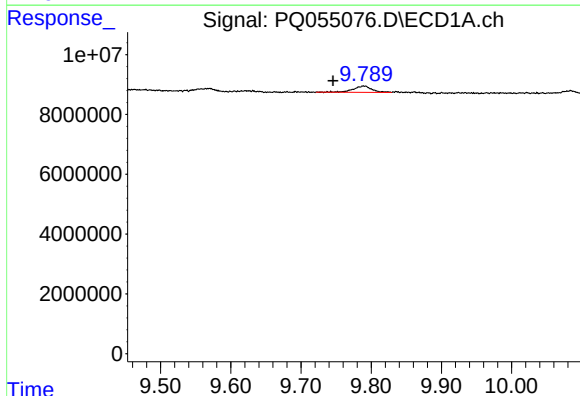
#37 AR-1262-2

R.T.: 9.351 min
Delta R.T.: -0.067 min
Response: 2421584
Conc: 1.04 ng/ml



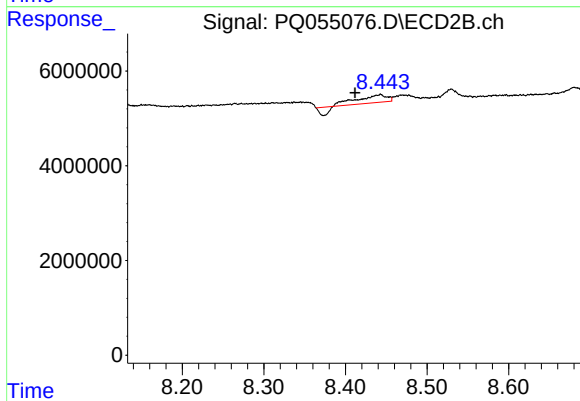
#37 AR-1262-2

R.T.: 8.121 min
Delta R.T.: -0.006 min
Response: 7047362
Conc: 2.92 ng/ml



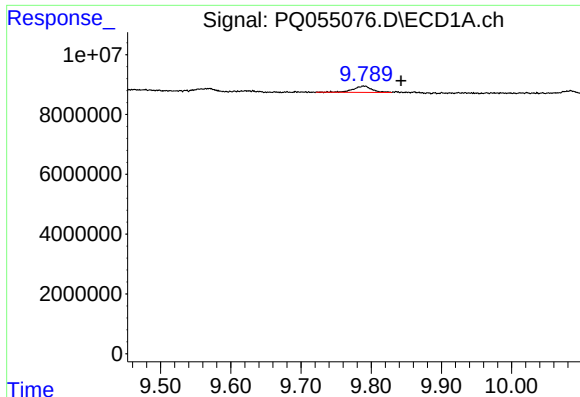
#38 AR-1262-3

R.T.: 9.789 min
Delta R.T.: 0.044 min
Response: 3855176
Conc: 3.91 ng/ml



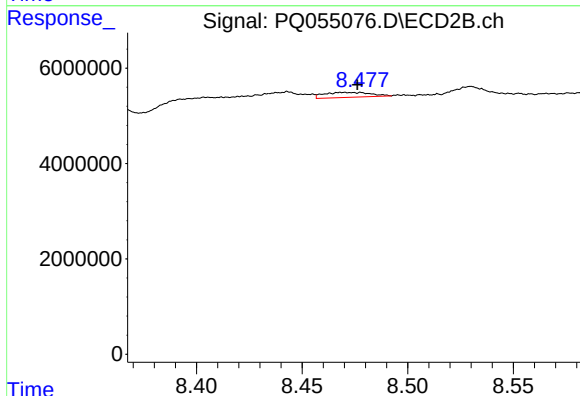
#38 AR-1262-3

R.T.: 8.443 min
Delta R.T.: 0.031 min
Response: 3017223
Conc: 3.12 ng/ml



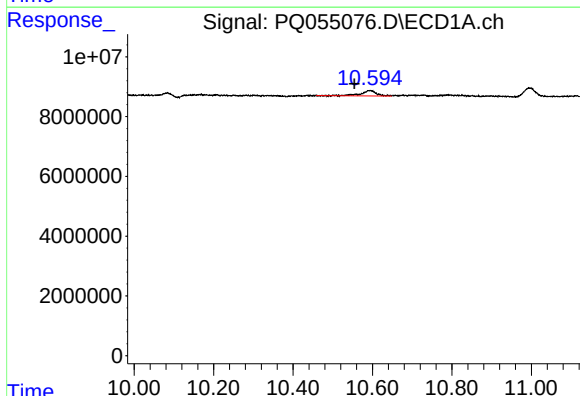
#39 AR-1262-4

R.T.: 9.789 min
Delta R.T.: -0.053 min
Response: 3855176
Conc: 5.90 ng/ml



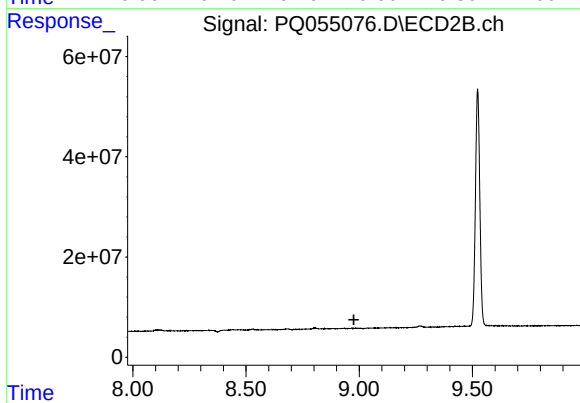
#39 AR-1262-4

R.T.: 8.477 min
Delta R.T.: 0.001 min
Response: 1621670
Conc: 0.97 ng/ml



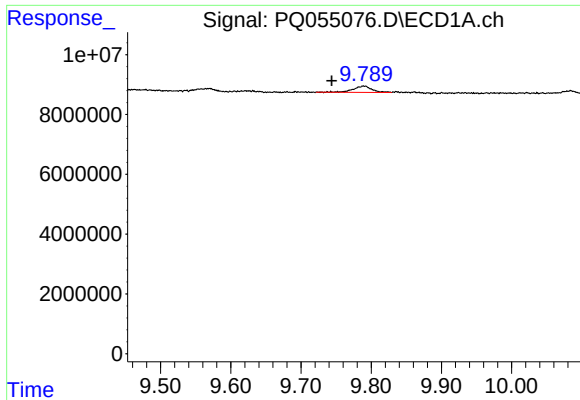
#40 AR-1262-5

R.T.: 10.595 min
Delta R.T.: 0.040 min
Response: 4912817
Conc: 5.67 ng/ml



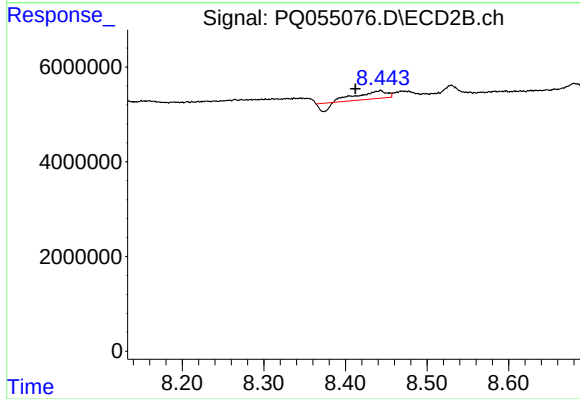
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.976 min
Response: 0
Conc: N.D.



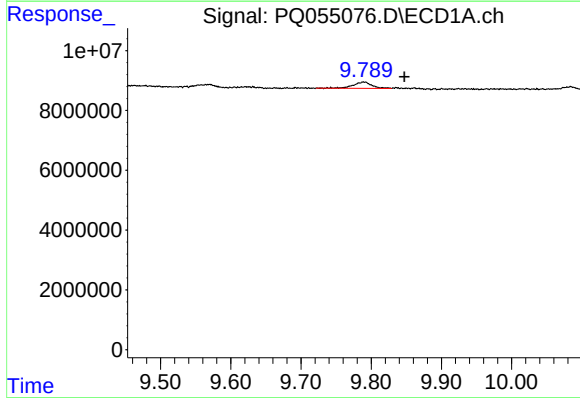
#41 AR-1268-1

R.T.: 9.789 min
Delta R.T.: 0.045 min
Response: 3855176
Conc: 1.46 ng/ml



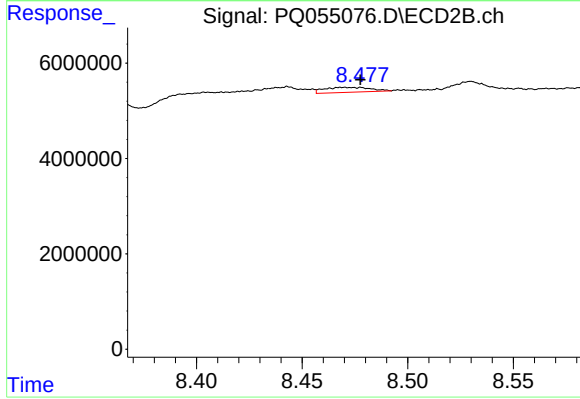
#41 AR-1268-1

R.T.: 8.443 min
Delta R.T.: 0.031 min
Response: 3017223
Conc: 1.05 ng/ml



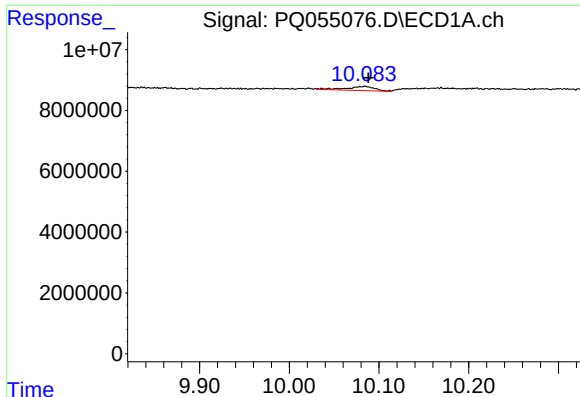
#42 AR-1268-2

R.T.: 9.789 min
Delta R.T.: -0.058 min
Response: 3855176
Conc: 1.56 ng/ml



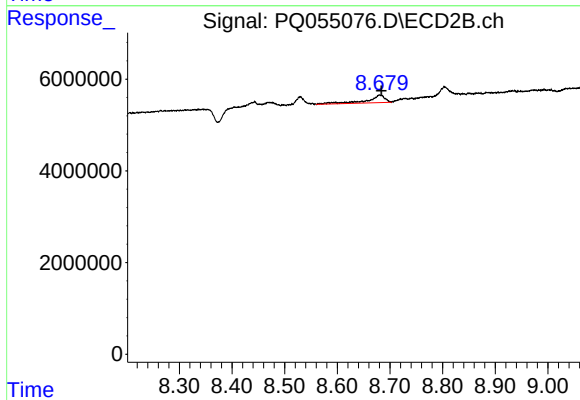
#42 AR-1268-2

R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 1621670
Conc: 0.65 ng/ml



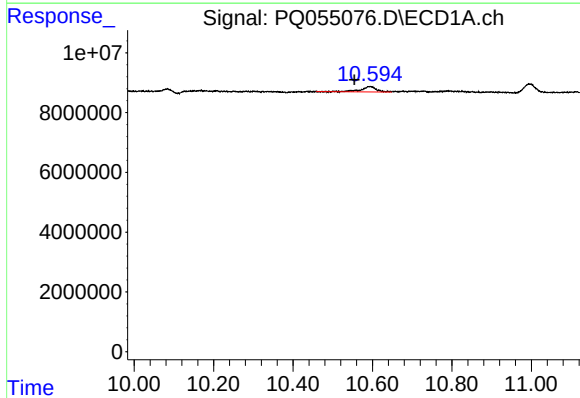
#43 AR-1268-3

R.T.: 10.084 min
Delta R.T.: -0.004 min
Response: 2948298
Conc: 1.41 ng/ml



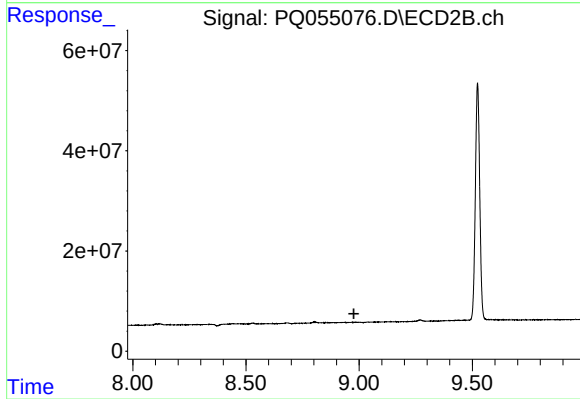
#43 AR-1268-3

R.T.: 8.680 min
Delta R.T.: -0.003 min
Response: 3783410
Conc: 1.76 ng/ml



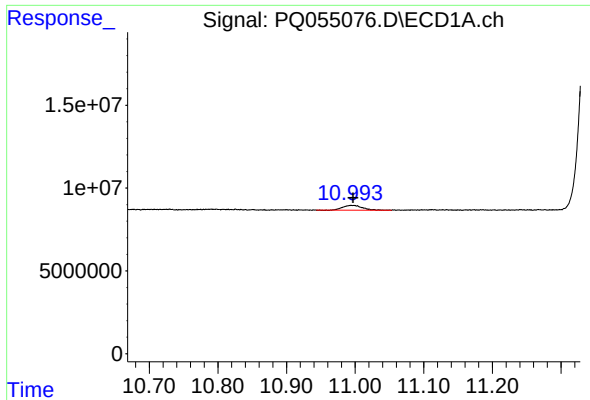
#44 AR-1268-4

R.T.: 10.595 min
Delta R.T.: 0.040 min
Response: 4912817
Conc: 5.22 ng/ml



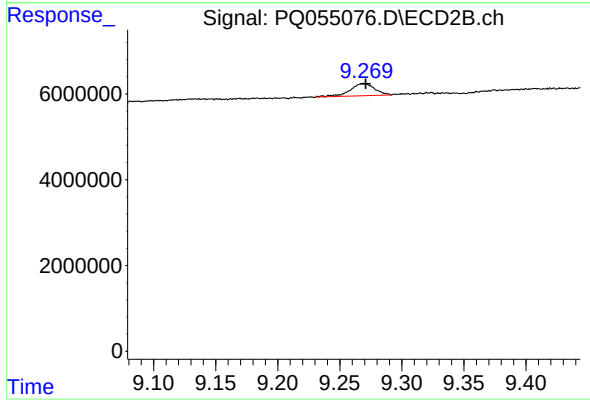
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.977 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.994 min
Delta R.T.: -0.003 min
Response: 5946840
Conc: 0.84 ng/ml



#45 AR-1268-5

R.T.: 9.269 min
Delta R.T.: -0.002 min
Response: 3940632
Conc: 0.63 ng/ml