

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102021\
 Data File : PQ055043.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2021 20:10
 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 21 01:45:15 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	4.202	537.3E6	249.7E6	23.202	22.794
2)	SA Decachlor...	11.355	9.522	814.5E6	616.4E6	45.539	43.558
Target Compounds							
3)	L1 AR-1016-1	6.520	5.460	250.2E6	127.9E6	354.832	350.670
4)	L1 AR-1016-2	6.544	5.479	399.6E6	226.1E6	348.934	342.684
5)	L1 AR-1016-3	6.610	5.671	240.1E6	104.6E6	350.938	351.480
6)	L1 AR-1016-4	6.719	5.721	191.1E6	82864471	353.278	327.414
7)	L1 AR-1016-5	7.029	5.951	187.6E6	110.3E6	355.470	346.112
8)	L2 AR-1221-1	5.442	4.458	30384453	11799260	116.004	101.848
9)	L2 AR-1221-2	5.548	4.560	42009353	15429221	237.236	192.641
10)	L2 AR-1221-3	5.635	4.648	137.2E6	74687030	238.010	244.030
11)	L3 AR-1232-1	5.635	4.648	137.2E6	74687030	306.347	304.362
12)	L3 AR-1232-2	6.223	5.479	201.0E6	226.1E6	822.233	819.761
13)	L3 AR-1232-3	6.544	5.671	399.6E6	104.6E6	829.212	852.838
14)	L3 AR-1232-4	6.719	5.766	191.1E6	103.1E6	844.918	926.561
15)	L3 AR-1232-5	6.810	5.951	155.0E6	110.3E6	934.850	890.310
16)	L4 AR-1242-1	6.520	5.460	250.2E6	127.9E6	424.678	410.297
17)	L4 AR-1242-2	6.544	5.479	399.6E6	226.1E6	418.263	411.867
18)	L4 AR-1242-3	6.610	5.671	240.1E6	104.6E6	415.834	414.066
19)	L4 AR-1242-4	6.719	5.766	191.1E6	103.1E6	418.482	412.139
20)	L4 AR-1242-5	7.499	6.330	213.4E6	141.6E6	410.030	403.940
21)	L5 AR-1248-1	6.520	5.460	250.2E6	127.9E6	584.998	555.648
22)	L5 AR-1248-2	6.810	5.721	155.0E6	82864471	239.332	230.444
23)	L5 AR-1248-3	7.029	5.766	187.6E6	103.1E6	254.378	277.756
24)	L5 AR-1248-4	7.459	5.951	194.9E6	110.3E6	225.855	245.109
25)	L5 AR-1248-5	7.499	6.374	213.4E6	130.2E6	242.023	267.361
26)	L6 AR-1254-1	7.428	6.330	141.6E6	141.6E6	171.553	194.420
27)	L6 AR-1254-2	7.665	6.488	167.9E6	34928335	130.175	54.239 #
28)	L6 AR-1254-3	8.038	6.908	67231818	46765542	48.272	44.845
29)	L6 AR-1254-4	8.334	7.148	51425980	37250954	50.435	52.929
30)	L6 AR-1254-5	8.761	7.575	12841422	11758070	11.806	11.435
31)	L7 AR-1260-1	8.172	7.056	41790318	25452549	47.774	39.150
32)	L7 AR-1260-2	8.462	7.240	27404668	5381572	24.478	5.990 #
33)	L7 AR-1260-3	8.761	7.394	12841422	10583564	10.491	12.962
34)	L7 AR-1260-4	9.068	7.913	6975004	5097982	7.626	7.439
35)	L7 AR-1260-5	0.000	8.122	0	2338897	N.D.	1.216 #
36)	L8 AR-1262-1	8.790f	7.575	1720325	11758070	1.357	21.283 #
37)	L8 AR-1262-2	0.000	8.122	0	2338897	N.D.	0.969 #
38)	L8 AR-1262-3	9.787f	8.440	4194382	4713629	4.252	4.874
39)	L8 AR-1262-4	9.787f	8.470	4194382	2925528	6.424	1.756 #
40)	L8 AR-1262-5	10.588	8.928f	3535078	1438080	4.077	1.830 #
41)	L9 AR-1268-1	9.787f	8.440	4194382	4713629	1.587	1.634

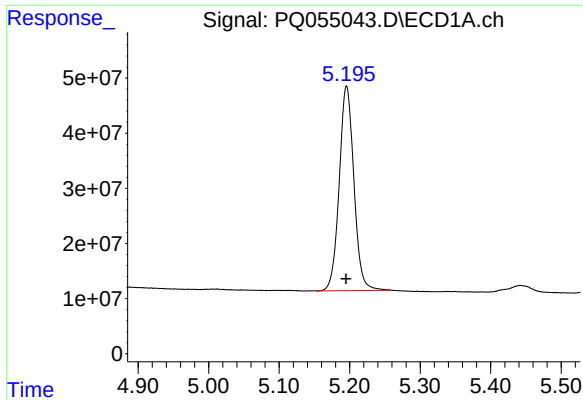
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102021\
 Data File : PQ055043.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2021 20:10
 Operator : AJ\MA
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 01:45:15 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

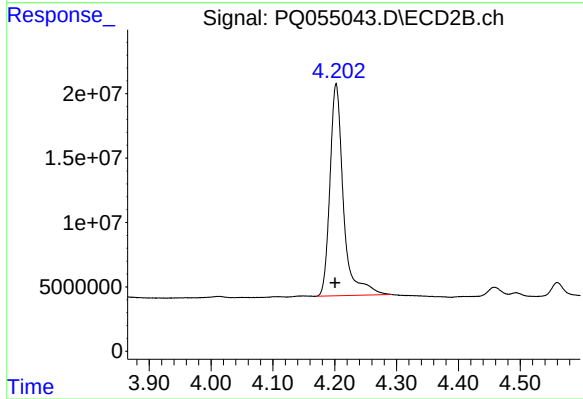
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.787f	8.470	4194382	2925528	1.698	1.180 #
43) L9	AR-1268-3	10.152f	8.681	2076461	3824472	0.996	1.777 #
44) L9	AR-1268-4	10.588	8.928f	3535078	1438080	3.758	1.665 #
45) L9	AR-1268-5	10.996	9.269	6642704	3875871	0.934	0.617 #

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



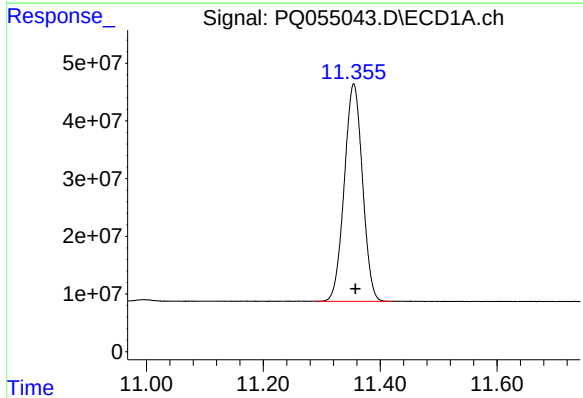
#1 Tetrachloro-m-xylene

R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 537349440
Conc: 23.20 ng/ml



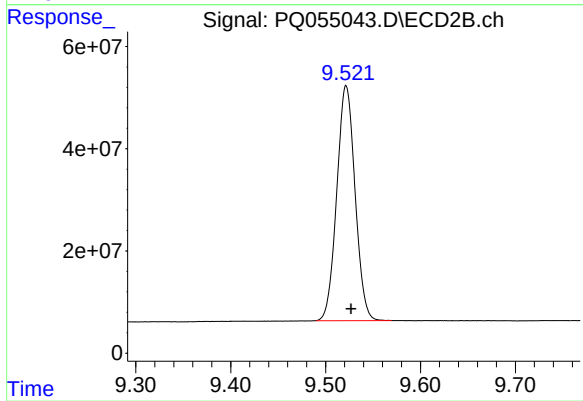
#1 Tetrachloro-m-xylene

R.T.: 4.202 min
Delta R.T.: 0.002 min
Response: 249728690
Conc: 22.79 ng/ml



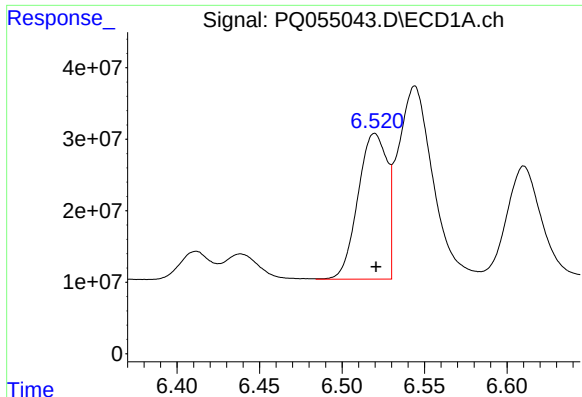
#2 Decachlorobiphenyl

R.T.: 11.355 min
Delta R.T.: -0.003 min
Response: 814451109
Conc: 45.54 ng/ml



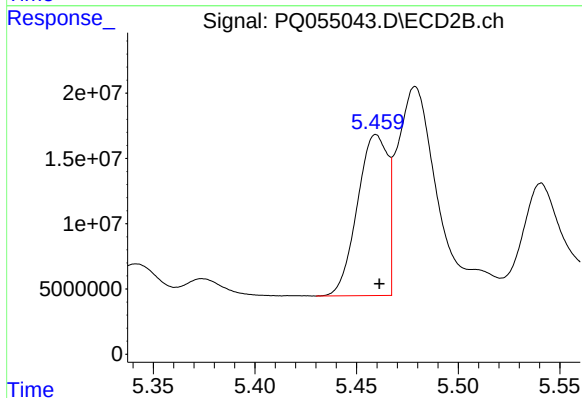
#2 Decachlorobiphenyl

R.T.: 9.522 min
Delta R.T.: -0.005 min
Response: 616413191
Conc: 43.56 ng/ml



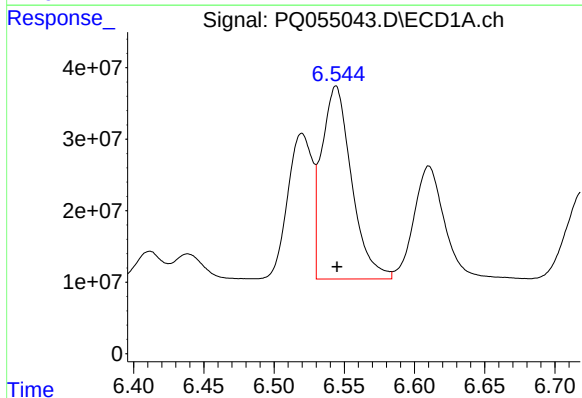
#3 AR-1016-1

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 250173655
Conc: 354.83 ng/ml



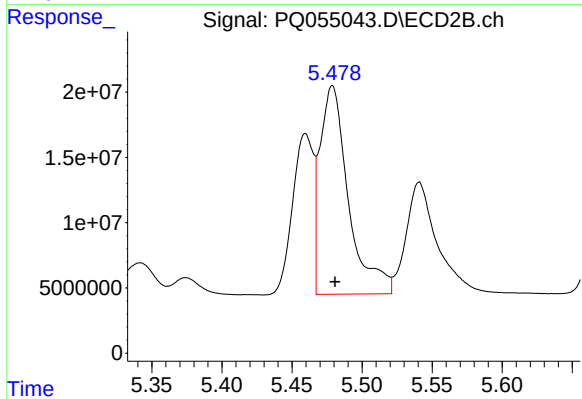
#3 AR-1016-1

R.T.: 5.460 min
Delta R.T.: -0.002 min
Response: 127927691
Conc: 350.67 ng/ml



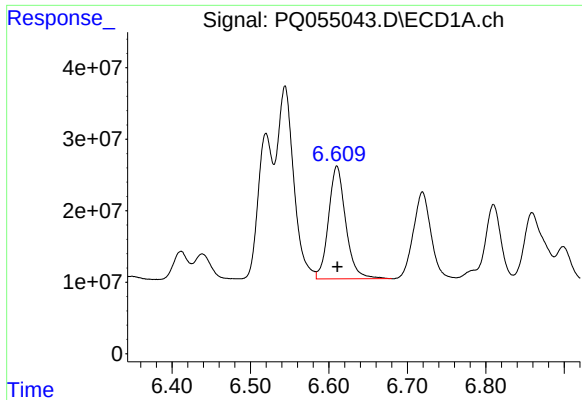
#4 AR-1016-2

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 399552217
Conc: 348.93 ng/ml



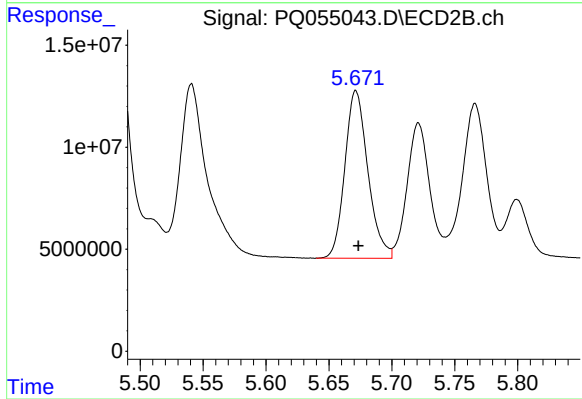
#4 AR-1016-2

R.T.: 5.479 min
Delta R.T.: -0.002 min
Response: 226130056
Conc: 342.68 ng/ml



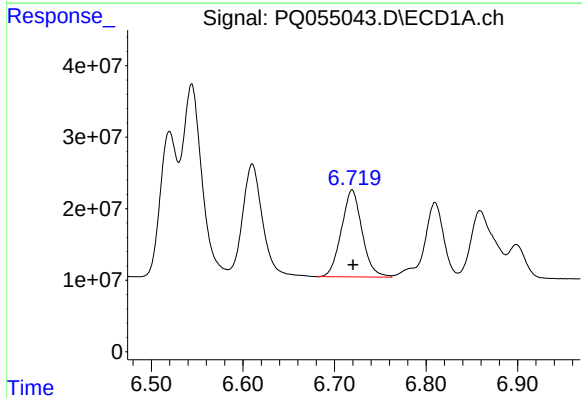
#5 AR-1016-3

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 240083415
Conc: 350.94 ng/ml



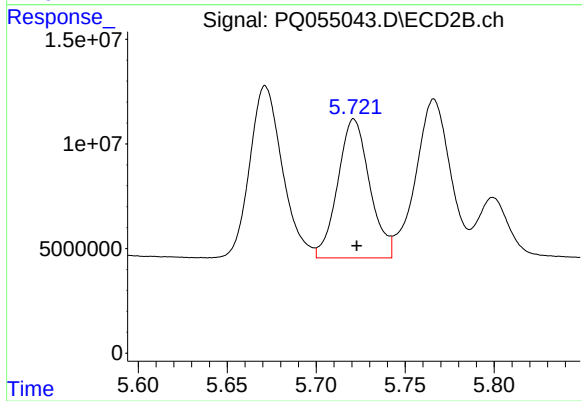
#5 AR-1016-3

R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 104622535
Conc: 351.48 ng/ml



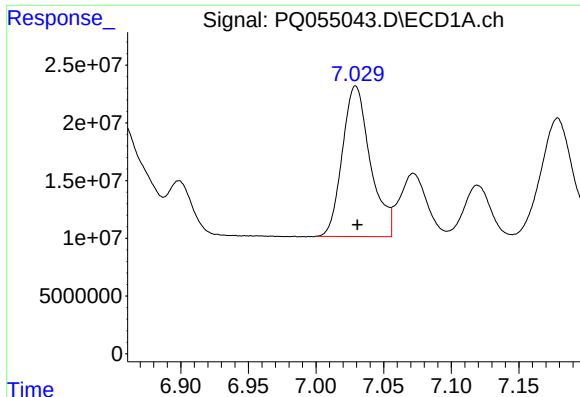
#6 AR-1016-4

R.T.: 6.719 min
Delta R.T.: -0.001 min
Response: 191115662
Conc: 353.28 ng/ml



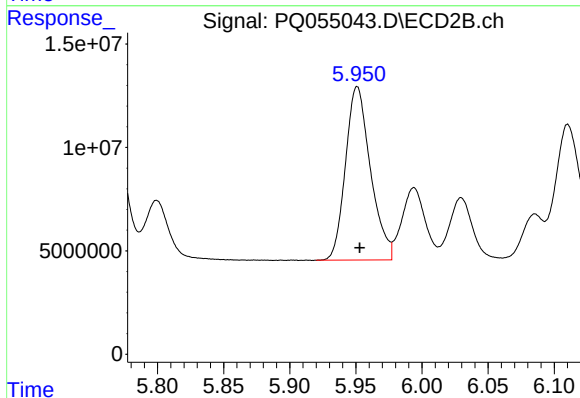
#6 AR-1016-4

R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 82864471
Conc: 327.41 ng/ml



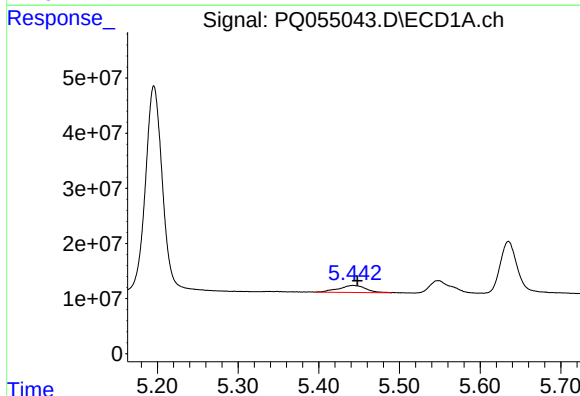
#7 AR-1016-5

R.T.: 7.029 min
Delta R.T.: -0.001 min
Response: 187559810
Conc: 355.47 ng/ml



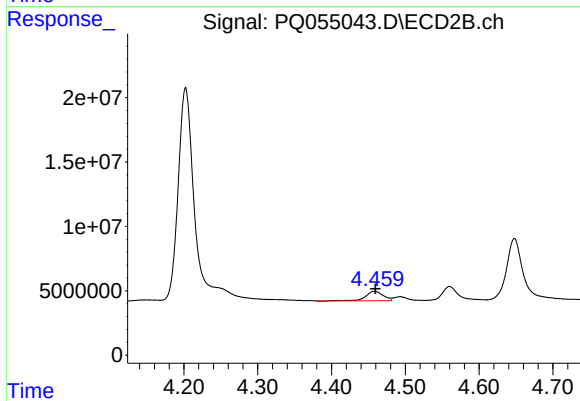
#7 AR-1016-5

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 110320327
Conc: 346.11 ng/ml



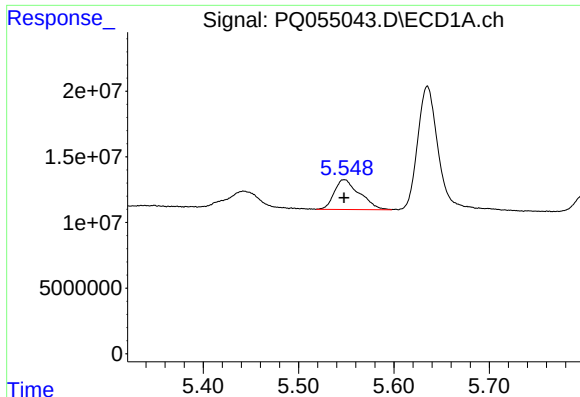
#8 AR-1221-1

R.T.: 5.442 min
Delta R.T.: -0.006 min
Response: 30384453
Conc: 116.00 ng/ml



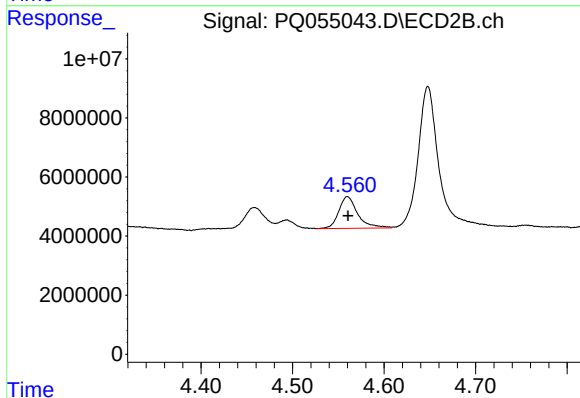
#8 AR-1221-1

R.T.: 4.458 min
Delta R.T.: -0.001 min
Response: 11799260
Conc: 101.85 ng/ml



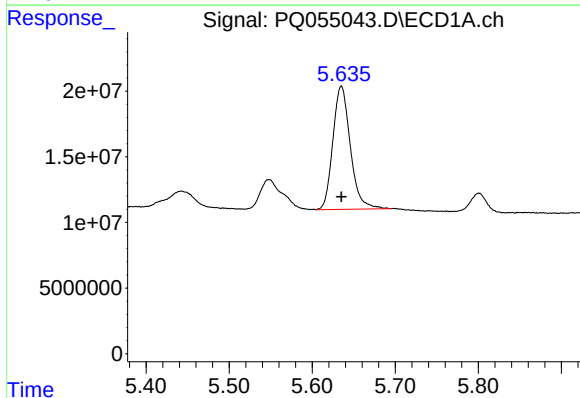
#9 AR-1221-2

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 42009353
Conc: 237.24 ng/ml



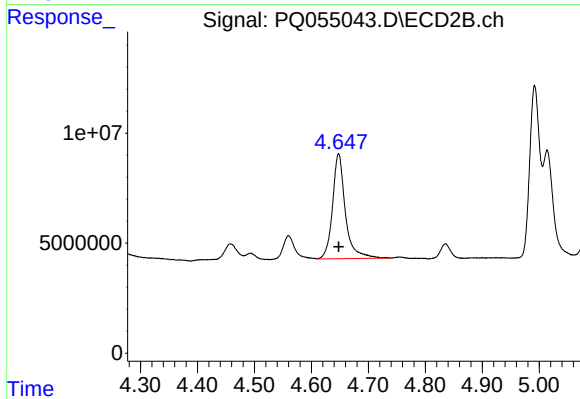
#9 AR-1221-2

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 15429221
Conc: 192.64 ng/ml



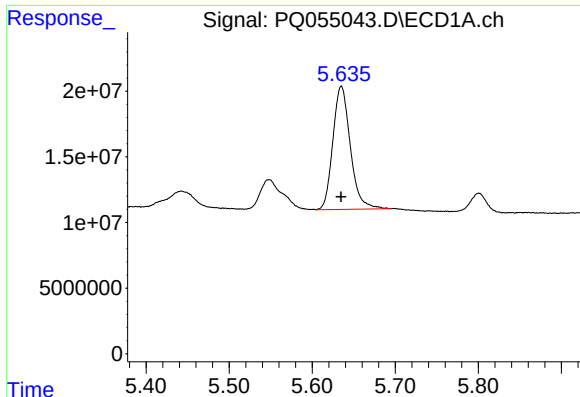
#10 AR-1221-3

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 137224205
Conc: 238.01 ng/ml



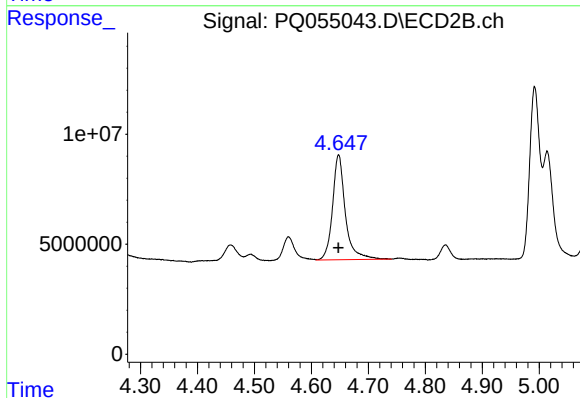
#10 AR-1221-3

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 74687030
Conc: 244.03 ng/ml



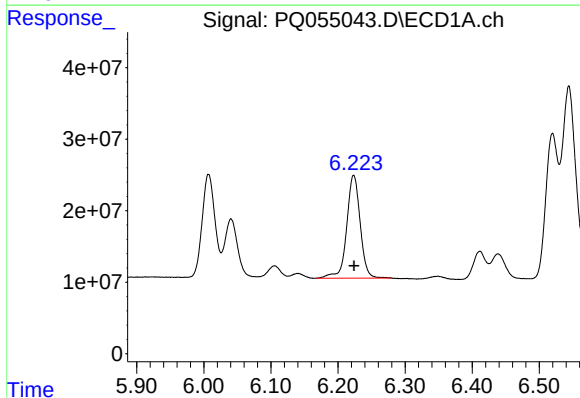
#11 AR-1232-1

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 137224205
Conc: 306.35 ng/ml



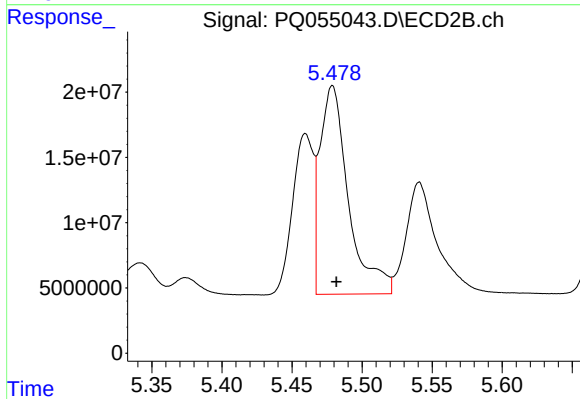
#11 AR-1232-1

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 74687030
Conc: 304.36 ng/ml



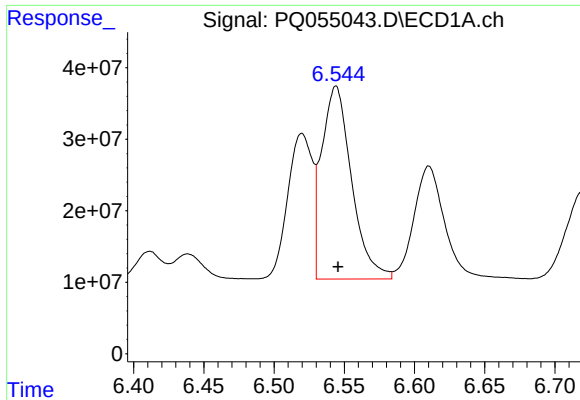
#12 AR-1232-2

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 201028014
Conc: 822.23 ng/ml



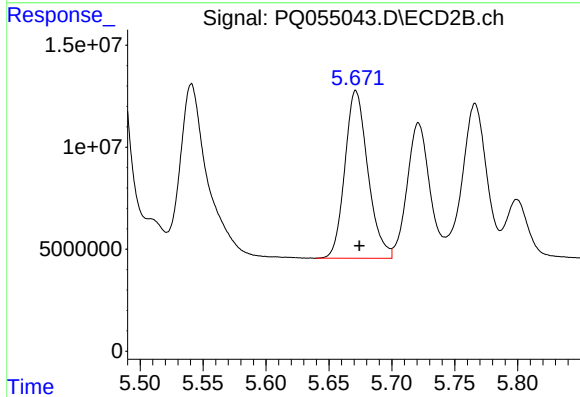
#12 AR-1232-2

R.T.: 5.479 min
Delta R.T.: -0.003 min
Response: 226130056
Conc: 819.76 ng/ml



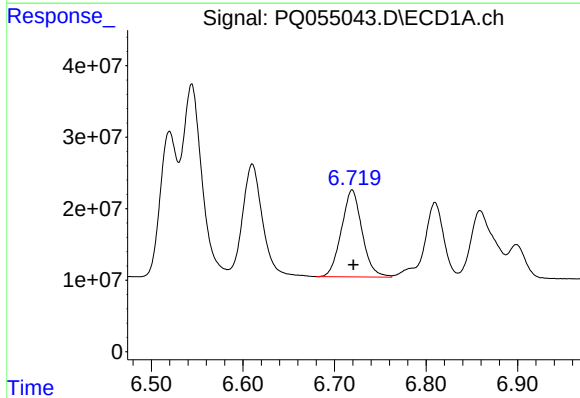
#13 AR-1232-3

R.T.: 6.544 min
Delta R.T.: -0.002 min
Response: 399552217
Conc: 829.21 ng/ml



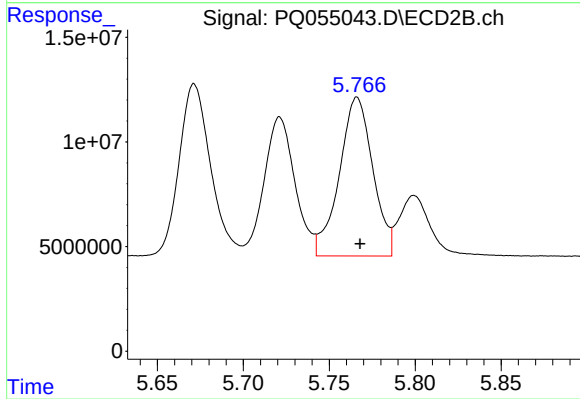
#13 AR-1232-3

R.T.: 5.671 min
Delta R.T.: -0.003 min
Response: 104622535
Conc: 852.84 ng/ml



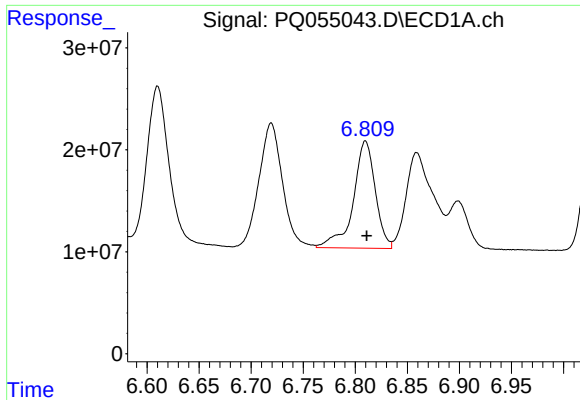
#14 AR-1232-4

R.T.: 6.719 min
Delta R.T.: -0.001 min
Response: 191115662
Conc: 844.92 ng/ml



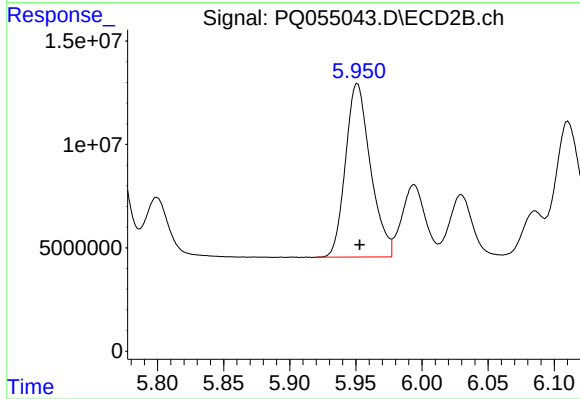
#14 AR-1232-4

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 103064402
Conc: 926.56 ng/ml



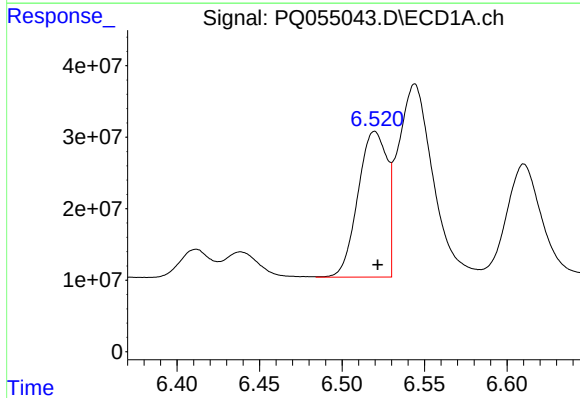
#15 AR-1232-5

R.T.: 6.810 min
Delta R.T.: -0.001 min
Response: 155049219
Conc: 934.85 ng/ml



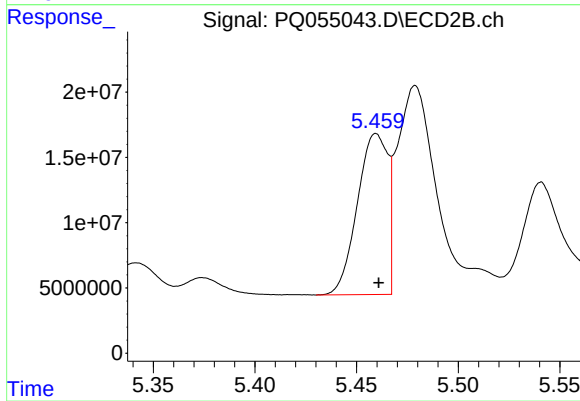
#15 AR-1232-5

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 110320327
Conc: 890.31 ng/ml



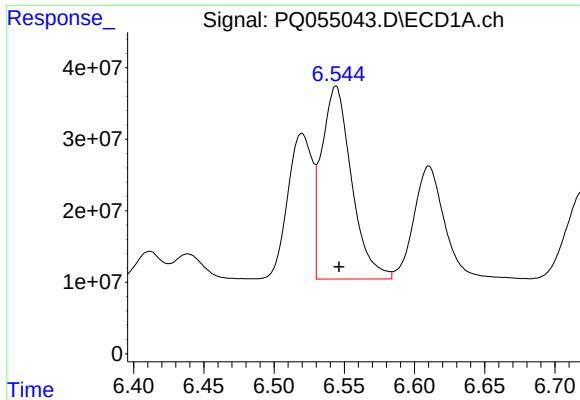
#16 AR-1242-1

R.T.: 6.520 min
Delta R.T.: -0.002 min
Response: 250173655
Conc: 424.68 ng/ml



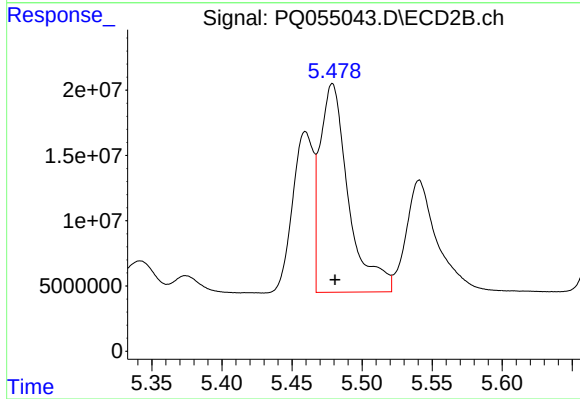
#16 AR-1242-1

R.T.: 5.460 min
Delta R.T.: -0.001 min
Response: 127927691
Conc: 410.30 ng/ml



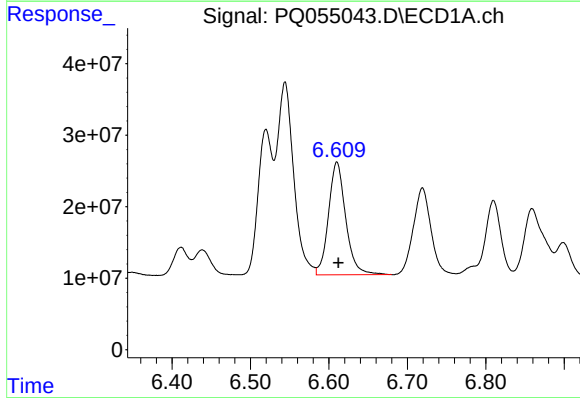
#17 AR-1242-2

R.T.: 6.544 min
Delta R.T.: -0.002 min
Response: 399552217
Conc: 418.26 ng/ml



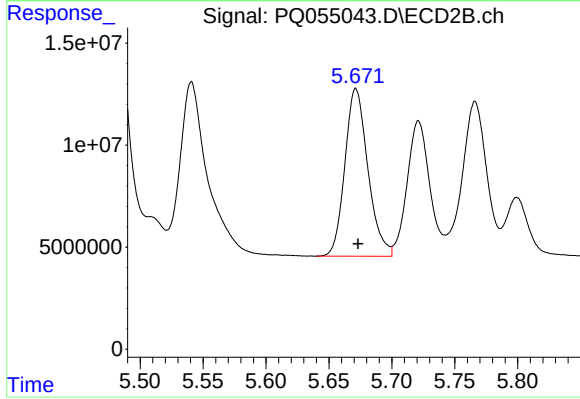
#17 AR-1242-2

R.T.: 5.479 min
Delta R.T.: -0.002 min
Response: 226130056
Conc: 411.87 ng/ml



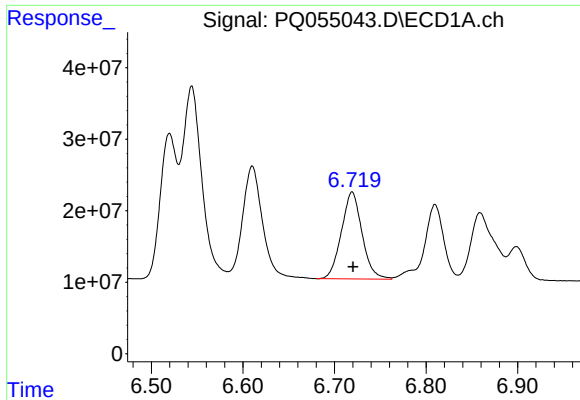
#18 AR-1242-3

R.T.: 6.610 min
Delta R.T.: -0.002 min
Response: 240083415
Conc: 415.83 ng/ml



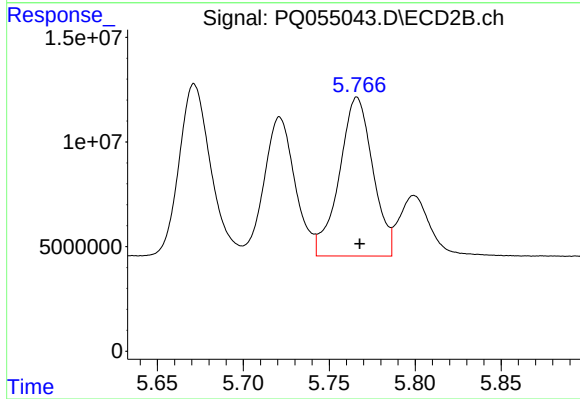
#18 AR-1242-3

R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 104622535
Conc: 414.07 ng/ml



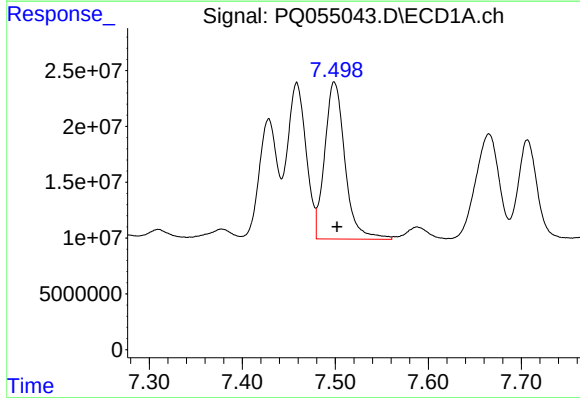
#19 AR-1242-4

R.T.: 6.719 min
Delta R.T.: -0.001 min
Response: 191115662
Conc: 418.48 ng/ml



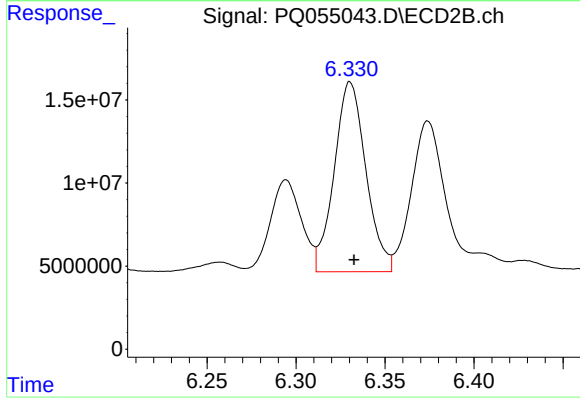
#19 AR-1242-4

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 103064402
Conc: 412.14 ng/ml



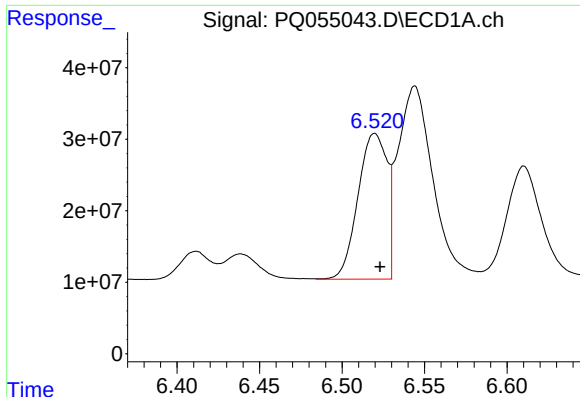
#20 AR-1242-5

R.T.: 7.499 min
Delta R.T.: -0.003 min
Response: 213359698
Conc: 410.03 ng/ml



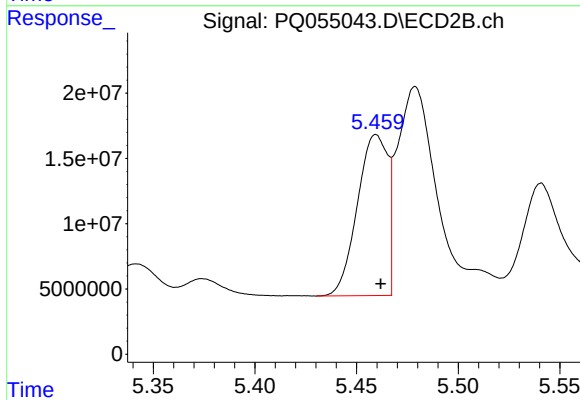
#20 AR-1242-5

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 141617733
Conc: 403.94 ng/ml



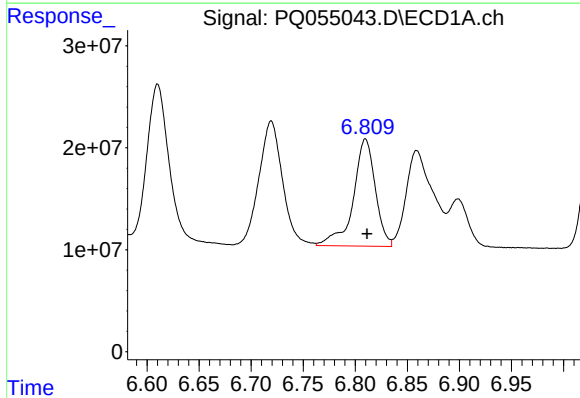
#21 AR-1248-1

R.T.: 6.520 min
Delta R.T.: -0.003 min
Response: 250173655
Conc: 585.00 ng/ml



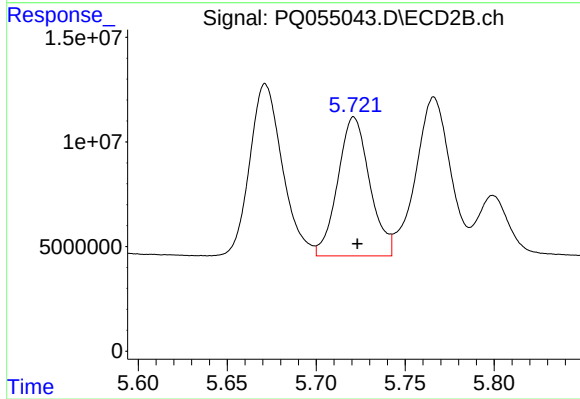
#21 AR-1248-1

R.T.: 5.460 min
Delta R.T.: -0.002 min
Response: 127927691
Conc: 555.65 ng/ml



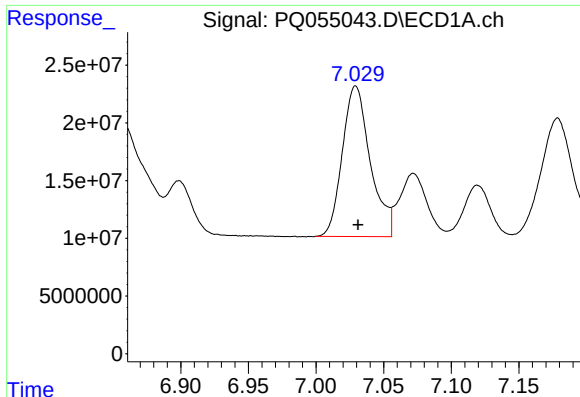
#22 AR-1248-2

R.T.: 6.810 min
Delta R.T.: -0.002 min
Response: 155049219
Conc: 239.33 ng/ml



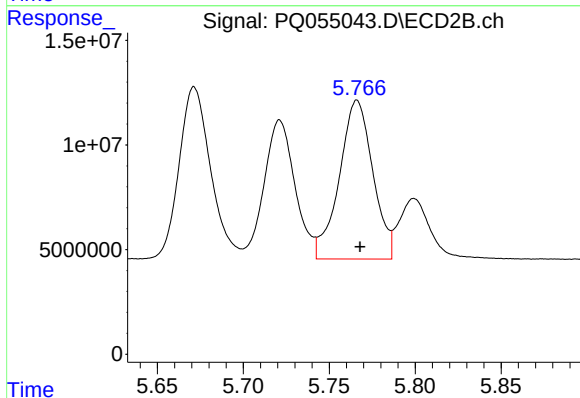
#22 AR-1248-2

R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 82864471
Conc: 230.44 ng/ml



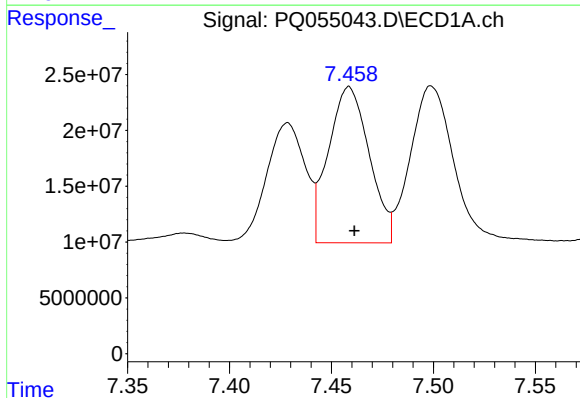
#23 AR-1248-3

R.T.: 7.029 min
Delta R.T.: -0.002 min
Response: 187559810
Conc: 254.38 ng/ml



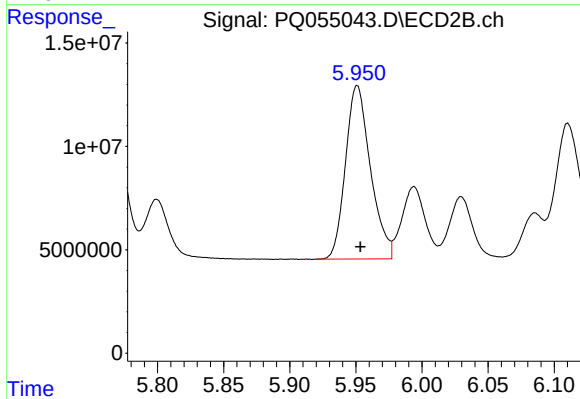
#23 AR-1248-3

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 103064402
Conc: 277.76 ng/ml



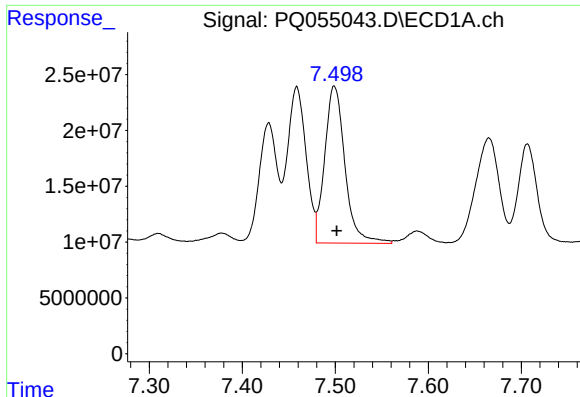
#24 AR-1248-4

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 194904646
Conc: 225.86 ng/ml



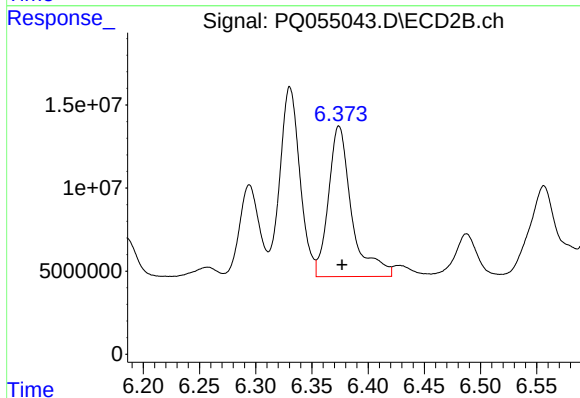
#24 AR-1248-4

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 110320327
Conc: 245.11 ng/ml



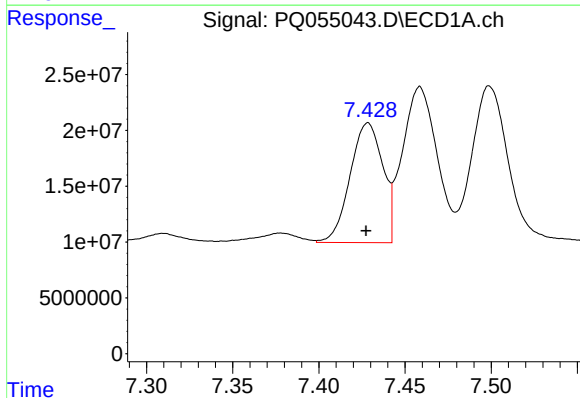
#25 AR-1248-5

R.T.: 7.499 min
Delta R.T.: -0.003 min
Response: 213359698
Conc: 242.02 ng/ml



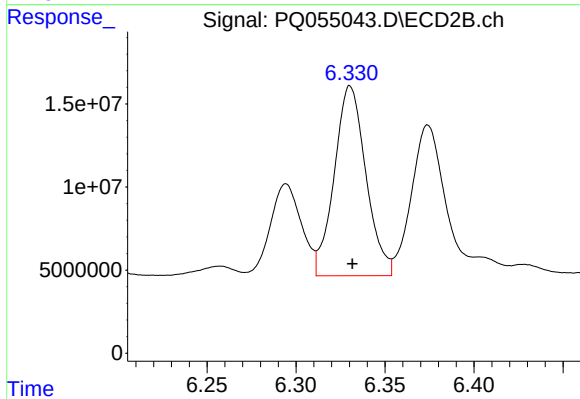
#25 AR-1248-5

R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 130214756
Conc: 267.36 ng/ml



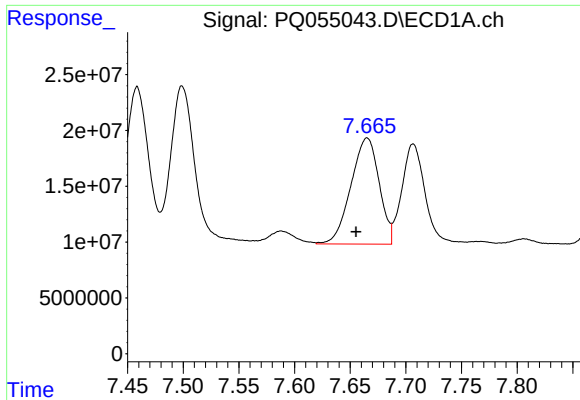
#26 AR-1254-1

R.T.: 7.428 min
Delta R.T.: 0.001 min
Response: 141559015
Conc: 171.55 ng/ml



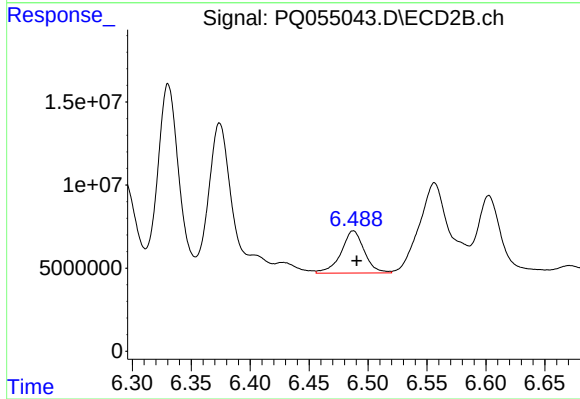
#26 AR-1254-1

R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 141617733
Conc: 194.42 ng/ml



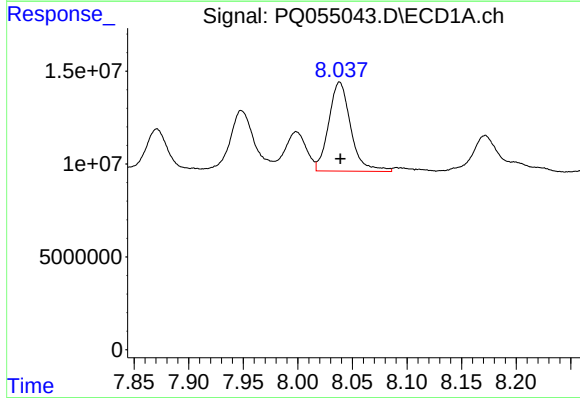
#27 AR-1254-2

R.T.: 7.665 min
Delta R.T.: 0.010 min
Response: 167880809
Conc: 130.17 ng/ml



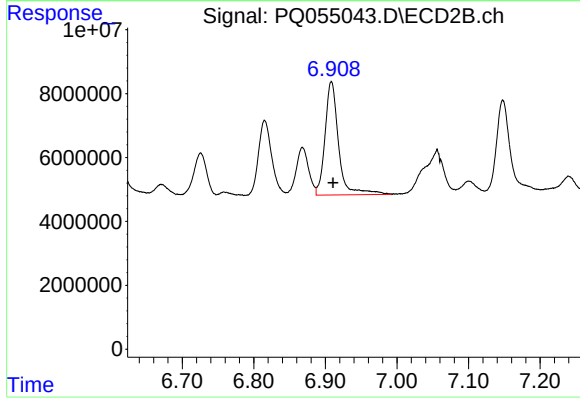
#27 AR-1254-2

R.T.: 6.488 min
Delta R.T.: -0.003 min
Response: 34928335
Conc: 54.24 ng/ml



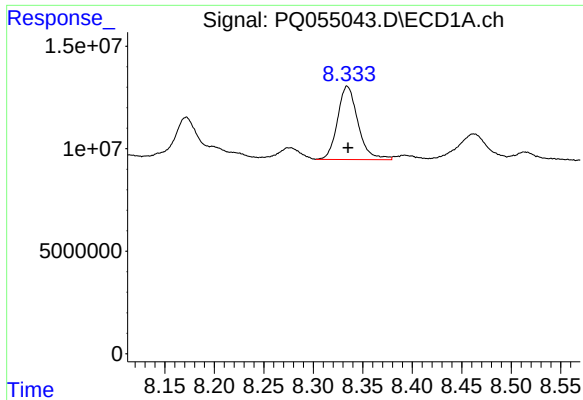
#28 AR-1254-3

R.T.: 8.038 min
Delta R.T.: 0.000 min
Response: 67231818
Conc: 48.27 ng/ml



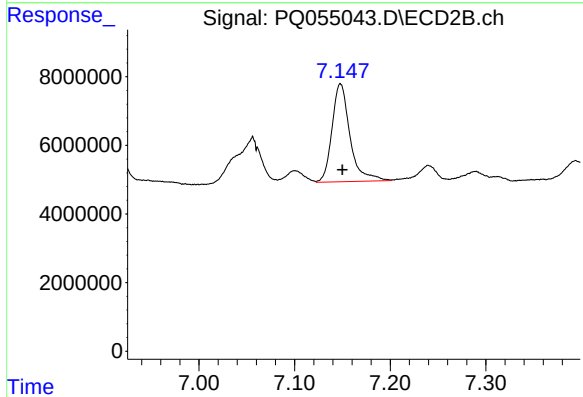
#28 AR-1254-3

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 46765542
Conc: 44.84 ng/ml



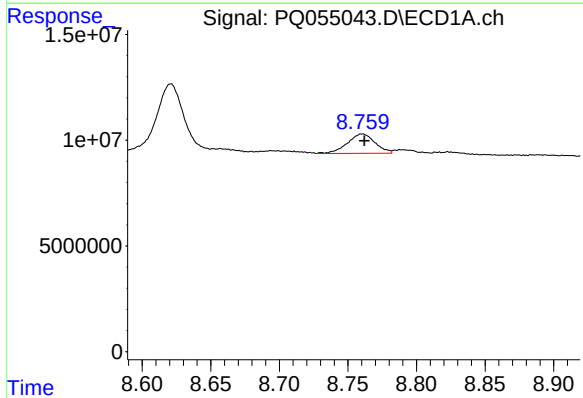
#29 AR-1254-4

R.T.: 8.334 min
Delta R.T.: 0.000 min
Response: 51425980
Conc: 50.44 ng/ml



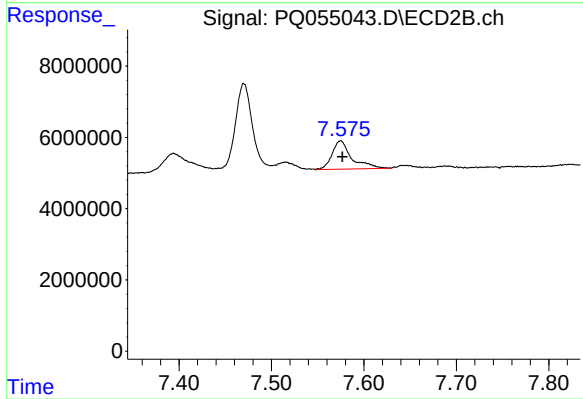
#29 AR-1254-4

R.T.: 7.148 min
Delta R.T.: -0.002 min
Response: 37250954
Conc: 52.93 ng/ml



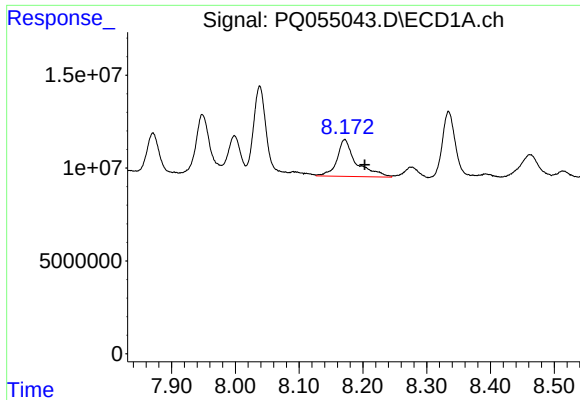
#30 AR-1254-5

R.T.: 8.761 min
Delta R.T.: -0.001 min
Response: 12841422
Conc: 11.81 ng/ml



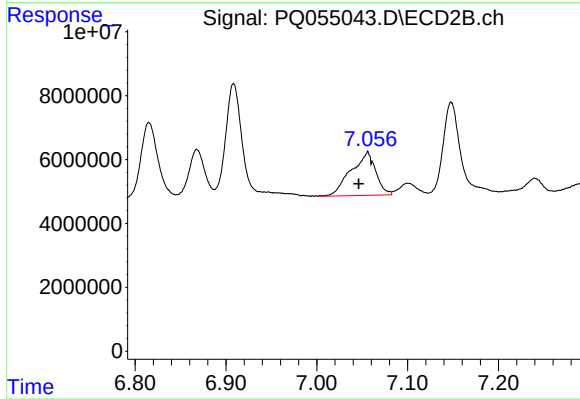
#30 AR-1254-5

R.T.: 7.575 min
Delta R.T.: -0.002 min
Response: 11758070
Conc: 11.44 ng/ml



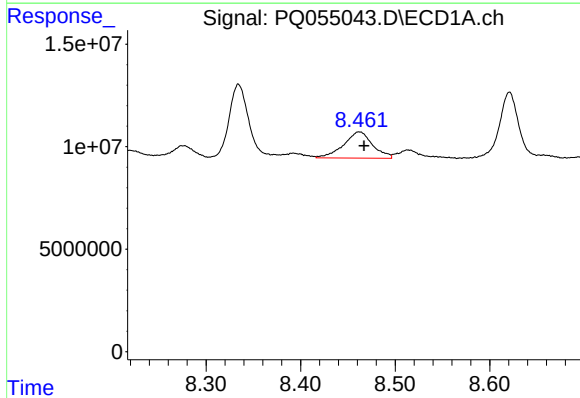
#31 AR-1260-1

R.T.: 8.172 min
Delta R.T.: -0.031 min
Response: 41790318
Conc: 47.77 ng/ml



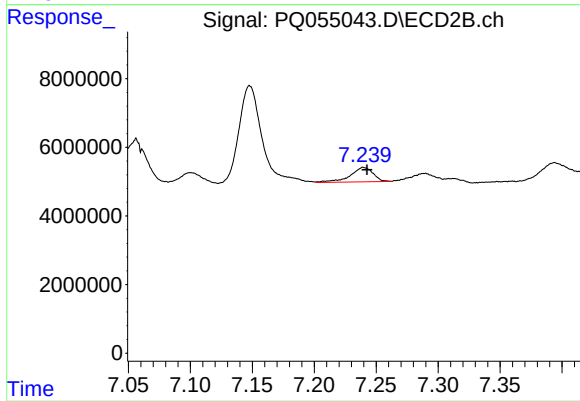
#31 AR-1260-1

R.T.: 7.056 min
Delta R.T.: 0.010 min
Response: 25452549
Conc: 39.15 ng/ml



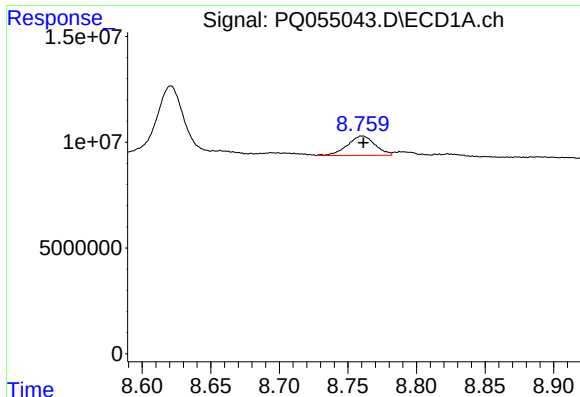
#32 AR-1260-2

R.T.: 8.462 min
Delta R.T.: -0.005 min
Response: 27404668
Conc: 24.48 ng/ml



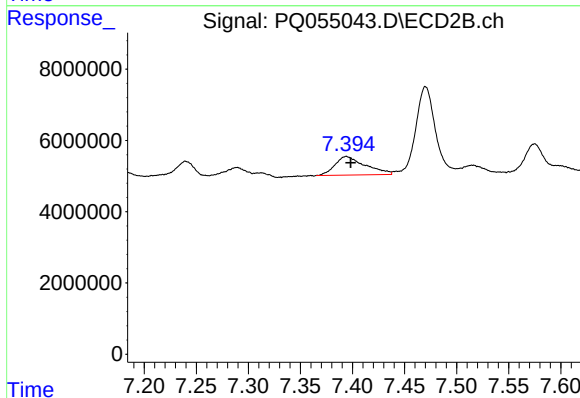
#32 AR-1260-2

R.T.: 7.240 min
Delta R.T.: -0.003 min
Response: 5381572
Conc: 5.99 ng/ml



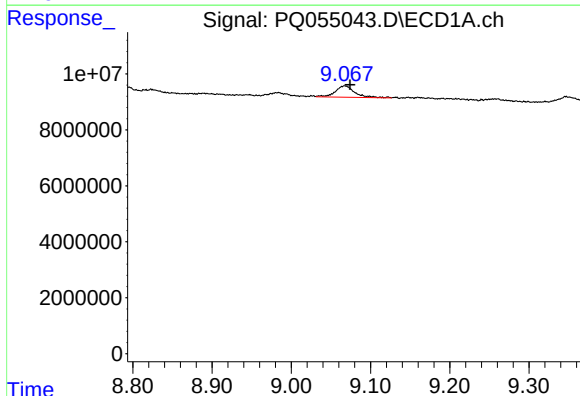
#33 AR-1260-3

R.T.: 8.761 min
Delta R.T.: 0.000 min
Response: 12841422
Conc: 10.49 ng/ml



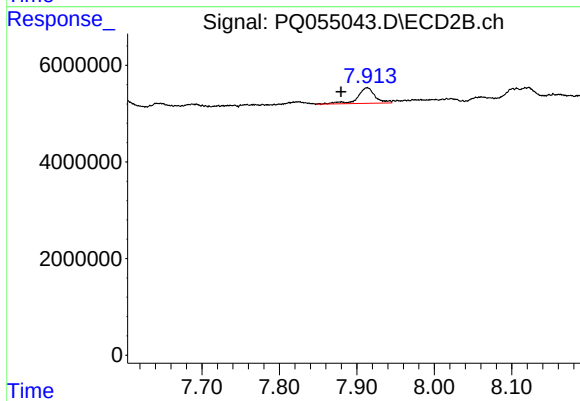
#33 AR-1260-3

R.T.: 7.394 min
Delta R.T.: -0.004 min
Response: 10583564
Conc: 12.96 ng/ml



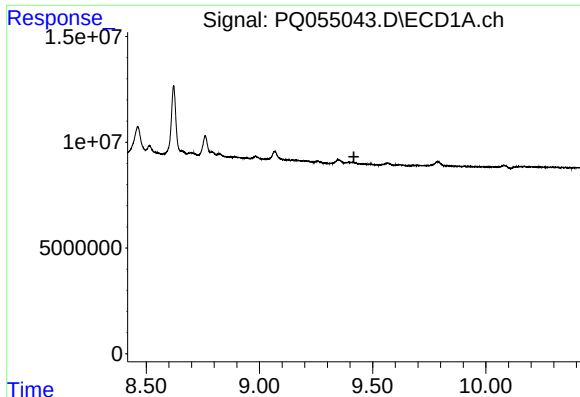
#34 AR-1260-4

R.T.: 9.068 min
Delta R.T.: -0.007 min
Response: 6975004
Conc: 7.63 ng/ml



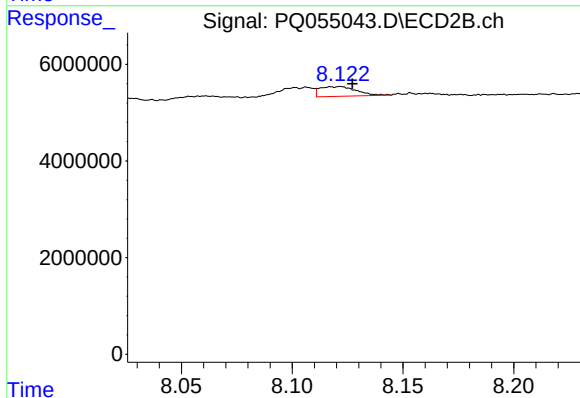
#34 AR-1260-4

R.T.: 7.913 min
Delta R.T.: 0.034 min
Response: 5097982
Conc: 7.44 ng/ml



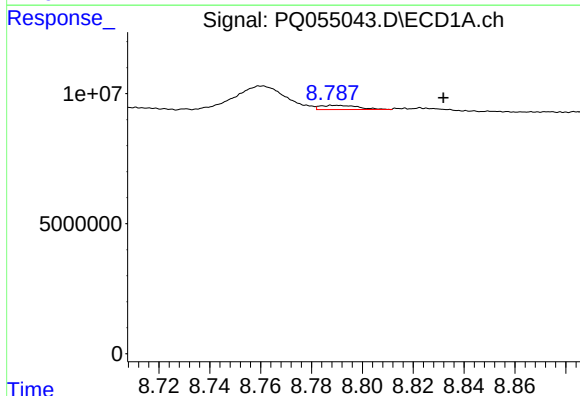
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 9.417 min
Response: 0
Conc: N.D.



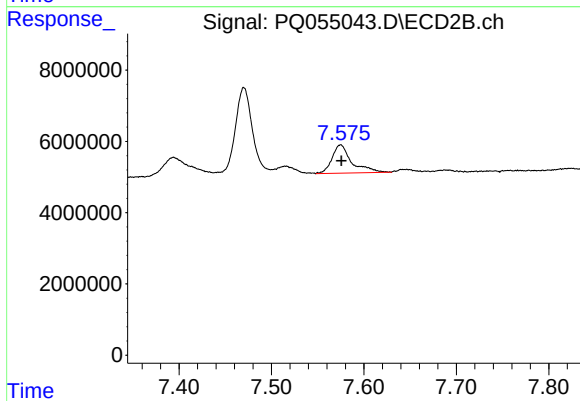
#35 AR-1260-5

R.T.: 8.122 min
Delta R.T.: -0.006 min
Response: 2338897
Conc: 1.22 ng/ml



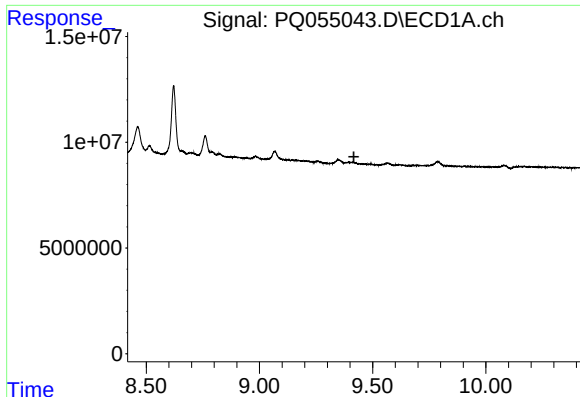
#36 AR-1262-1

R.T.: 8.790 min
Delta R.T.: -0.042 min
Response: 1720325
Conc: 1.36 ng/ml



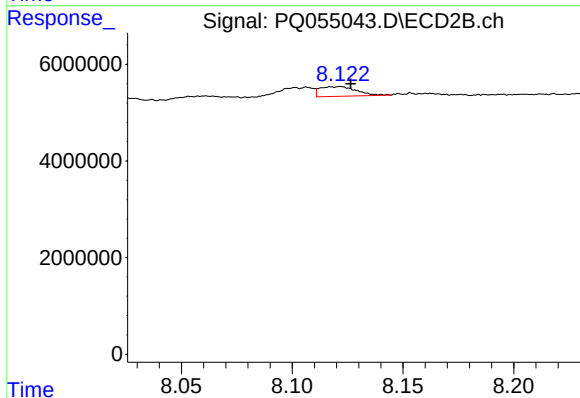
#36 AR-1262-1

R.T.: 7.575 min
Delta R.T.: -0.001 min
Response: 11758070
Conc: 21.28 ng/ml



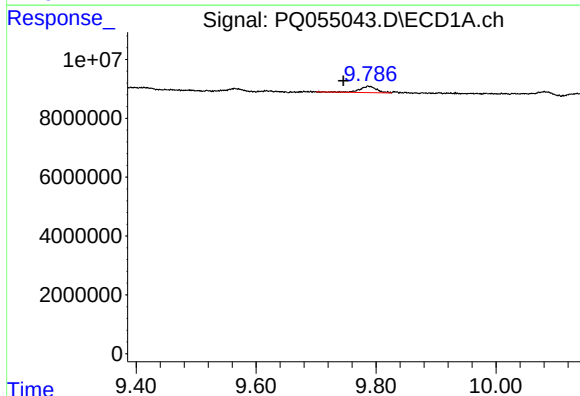
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 9.417 min
Response: 0
Conc: N.D.



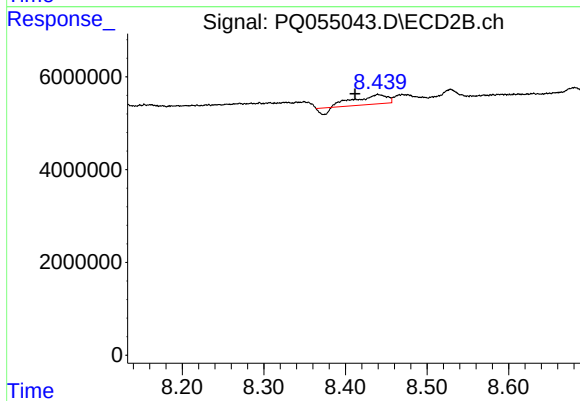
#37 AR-1262-2

R.T.: 8.122 min
Delta R.T.: -0.005 min
Response: 2338897
Conc: 0.97 ng/ml



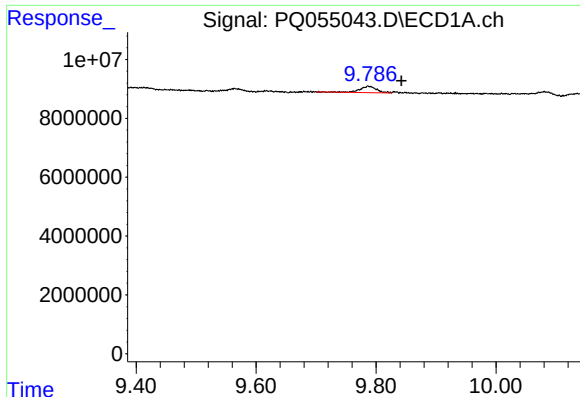
#38 AR-1262-3

R.T.: 9.787 min
Delta R.T.: 0.041 min
Response: 4194382
Conc: 4.25 ng/ml



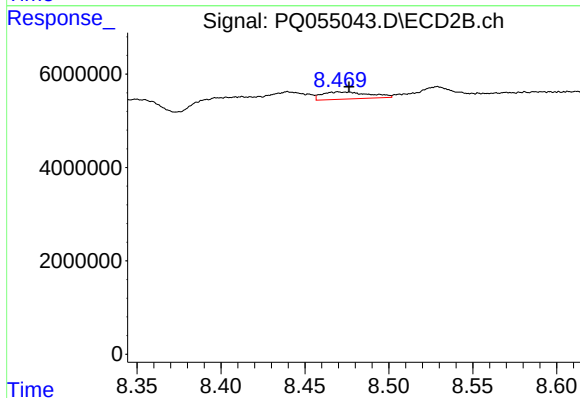
#38 AR-1262-3

R.T.: 8.440 min
Delta R.T.: 0.028 min
Response: 4713629
Conc: 4.87 ng/ml



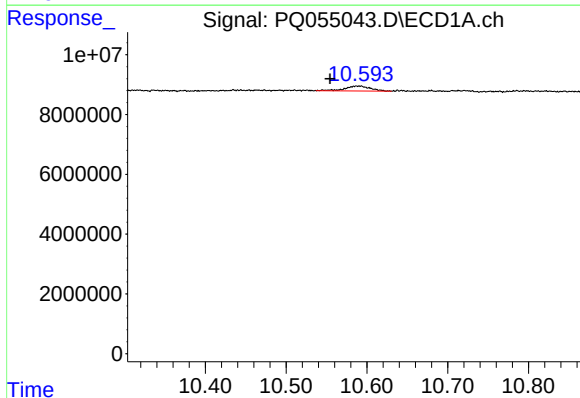
#39 AR-1262-4

R.T.: 9.787 min
Delta R.T.: -0.056 min
Response: 4194382
Conc: 6.42 ng/ml



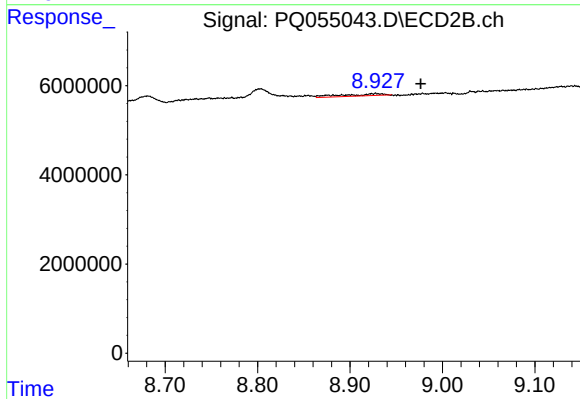
#39 AR-1262-4

R.T.: 8.470 min
Delta R.T.: -0.006 min
Response: 2925528
Conc: 1.76 ng/ml



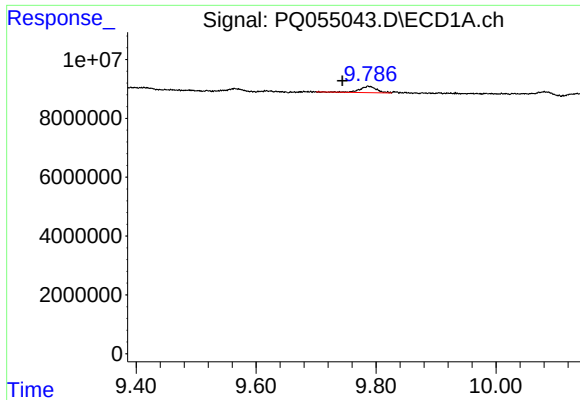
#40 AR-1262-5

R.T.: 10.588 min
Delta R.T.: 0.033 min
Response: 3535078
Conc: 4.08 ng/ml



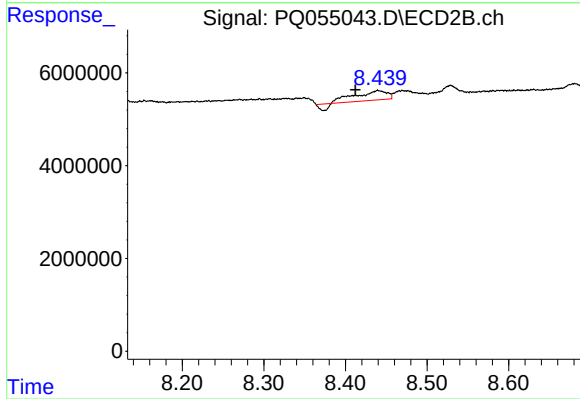
#40 AR-1262-5

R.T.: 8.928 min
Delta R.T.: -0.048 min
Response: 1438080
Conc: 1.83 ng/ml



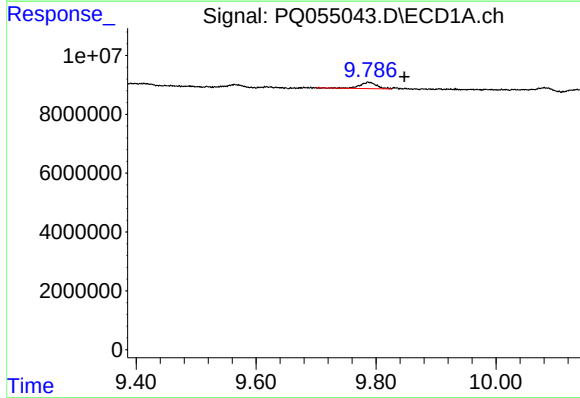
#41 AR-1268-1

R.T.: 9.787 min
Delta R.T.: 0.043 min
Response: 4194382
Conc: 1.59 ng/ml



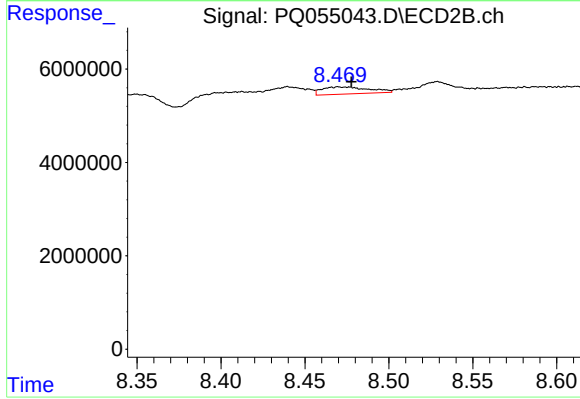
#41 AR-1268-1

R.T.: 8.440 min
Delta R.T.: 0.028 min
Response: 4713629
Conc: 1.63 ng/ml



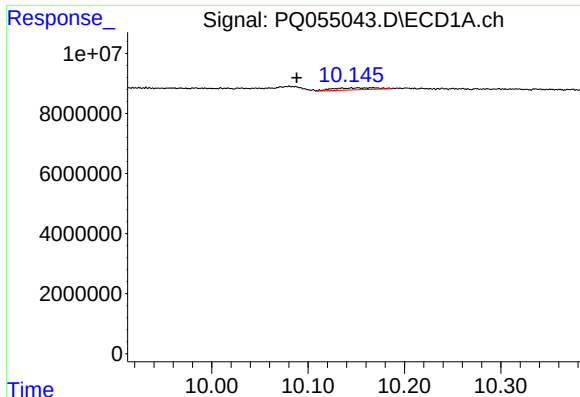
#42 AR-1268-2

R.T.: 9.787 min
Delta R.T.: -0.061 min
Response: 4194382
Conc: 1.70 ng/ml



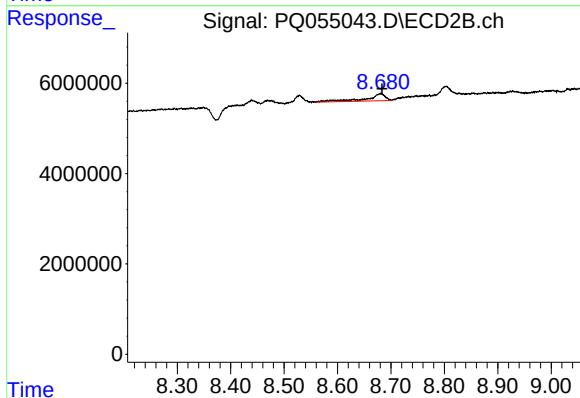
#42 AR-1268-2

R.T.: 8.470 min
Delta R.T.: -0.007 min
Response: 2925528
Conc: 1.18 ng/ml



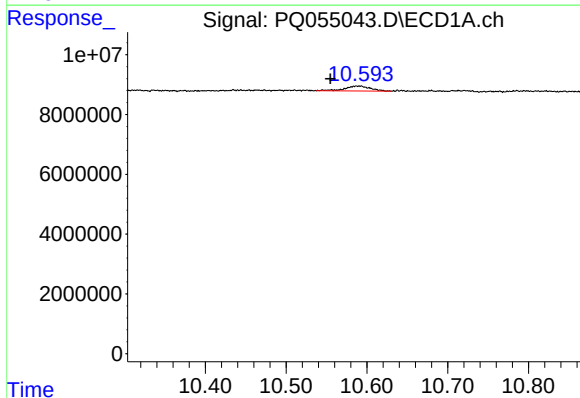
#43 AR-1268-3

R.T.: 10.152 min
Delta R.T.: 0.064 min
Response: 2076461
Conc: 1.00 ng/ml



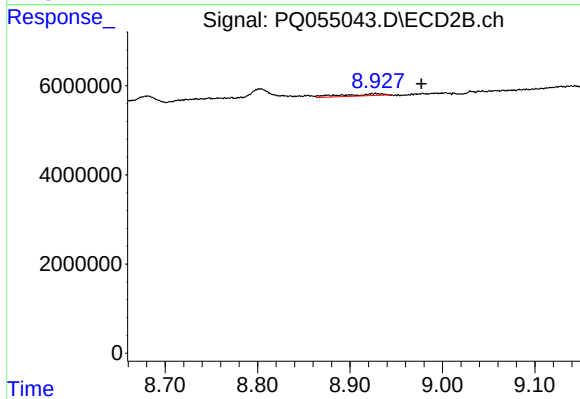
#43 AR-1268-3

R.T.: 8.681 min
Delta R.T.: -0.002 min
Response: 3824472
Conc: 1.78 ng/ml



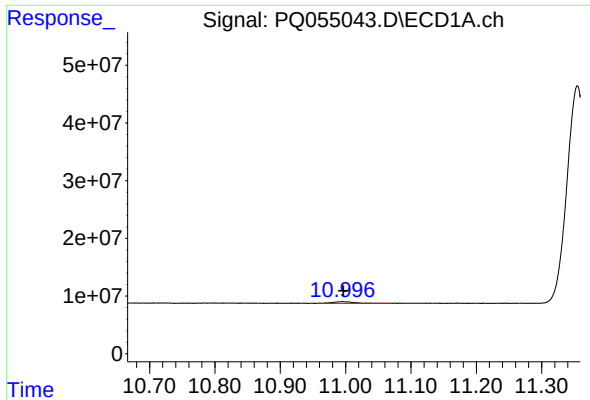
#44 AR-1268-4

R.T.: 10.588 min
Delta R.T.: 0.033 min
Response: 3535078
Conc: 3.76 ng/ml



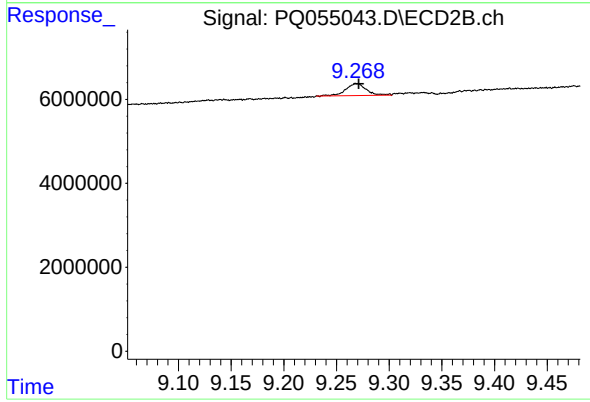
#44 AR-1268-4

R.T.: 8.928 min
Delta R.T.: -0.049 min
Response: 1438080
Conc: 1.67 ng/ml



#45 AR-1268-5

R.T.: 10.996 min
Delta R.T.: -0.001 min
Response: 6642704
Conc: 0.93 ng/ml



#45 AR-1268-5

R.T.: 9.269 min
Delta R.T.: -0.002 min
Response: 3875871
Conc: 0.62 ng/ml