

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112921\
 Data File : PQ055182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 00:43
 Operator : AJ\MA
 Sample : M4068-01
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 06:32:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
 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...	5.247	4.322	382.5E6	218.3E6	21.753	21.233
2)	SA Decachlor...	11.440	9.731	402.8E6	211.3E6	25.538	23.594
Target Compounds							
3)	L1 AR-1016-1	0.000	5.593	0	25485	N.D.	0.071 #
4)	L1 AR-1016-2	0.000	5.621	0	1024995	N.D.	1.991 #
5)	L1 AR-1016-3	0.000	5.835f	0	966212	N.D.	3.608 #
6)	L1 AR-1016-4	0.000	5.856	0	175877	N.D.	0.811 #
7)	L1 AR-1016-5	0.000	6.115f	0	344213	N.D.	1.257 #
8)	L2 AR-1221-1	0.000	4.580	0	100486	N.D.	0.932 #
9)	L2 AR-1221-2	5.601	4.682	5548709	2590529	31.710	33.428
10)	L2 AR-1221-3	0.000	4.793f	0	146981	N.D.	0.571 #
11)	L3 AR-1232-1	0.000	4.793f	0	146981	N.D.	0.676 #
12)	L3 AR-1232-2	0.000	5.621	0	1024995	N.D.	4.865 #
13)	L3 AR-1232-3	0.000	5.835f	0	966212	N.D.	8.804 #
14)	L3 AR-1232-4	0.000	5.881f	0	727354	N.D.	7.493 #
15)	L3 AR-1232-5	0.000	6.115f	0	344213	N.D.	3.340 #
16)	L4 AR-1242-1	0.000	5.593	0	25485	N.D.	0.096 #
17)	L4 AR-1242-2	0.000	5.621	0	1024995	N.D.	2.646 #
18)	L4 AR-1242-3	0.000	5.835f	0	966212	N.D.	4.791 #
19)	L4 AR-1242-4	0.000	5.881f	0	727354	N.D.	3.715 #
20)	L4 AR-1242-5	0.000	6.457f	0	2204533	N.D.	8.743 #
21)	L5 AR-1248-1	0.000	5.593	0	25485	N.D.	0.127 #
22)	L5 AR-1248-2	0.000	5.856	0	175877	N.D.	0.626 #
23)	L5 AR-1248-3	0.000	5.881f	0	727354	N.D.	2.486 #
24)	L5 AR-1248-4	0.000	6.115f	0	344213	N.D.	0.989 #
25)	L5 AR-1248-5	0.000	6.526	0	178067	N.D.	0.512 #
26)	L6 AR-1254-1	0.000	6.457f	0	2204533	N.D.	3.986 #
27)	L6 AR-1254-2	0.000	6.633	0	760301	N.D.	1.607 #
28)	L6 AR-1254-3	0.000	7.059	0	832756	N.D.	1.061 #
29)	L6 AR-1254-4	0.000	7.308	0	544736	N.D.	1.142 #
30)	L6 AR-1254-5	0.000	7.733	0	725440	N.D.	1.085 #
31)	L7 AR-1260-1	0.000	7.186	0	458461	N.D.	0.915 #
32)	L7 AR-1260-2	0.000	7.389	0	624645	N.D.	1.033 #
33)	L7 AR-1260-3	8.894	7.540	9729369	2100323	15.307	3.677 #
34)	L7 AR-1260-4	9.156f	8.038	11032136	8229658	14.470	17.368
35)	L7 AR-1260-5	9.483	8.281	5414144	4648018	3.513	4.025
36)	L8 AR-1262-1	8.894	7.733	9729369	725440	11.280	2.133 #
37)	L8 AR-1262-2	9.483	8.281	5414144	4648018	3.269	3.771
38)	L8 AR-1262-3	9.816	8.573	48605239	32015011	60.394	69.265
39)	L8 AR-1262-4	9.920	8.637	47406363	28039547	97.104	31.415 #
40)	L8 AR-1262-5	10.631	9.147	19868399	15233554	29.373	37.934 #
41)	L9 AR-1268-1	9.816	8.573	48605239	32015011	24.455	22.627

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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

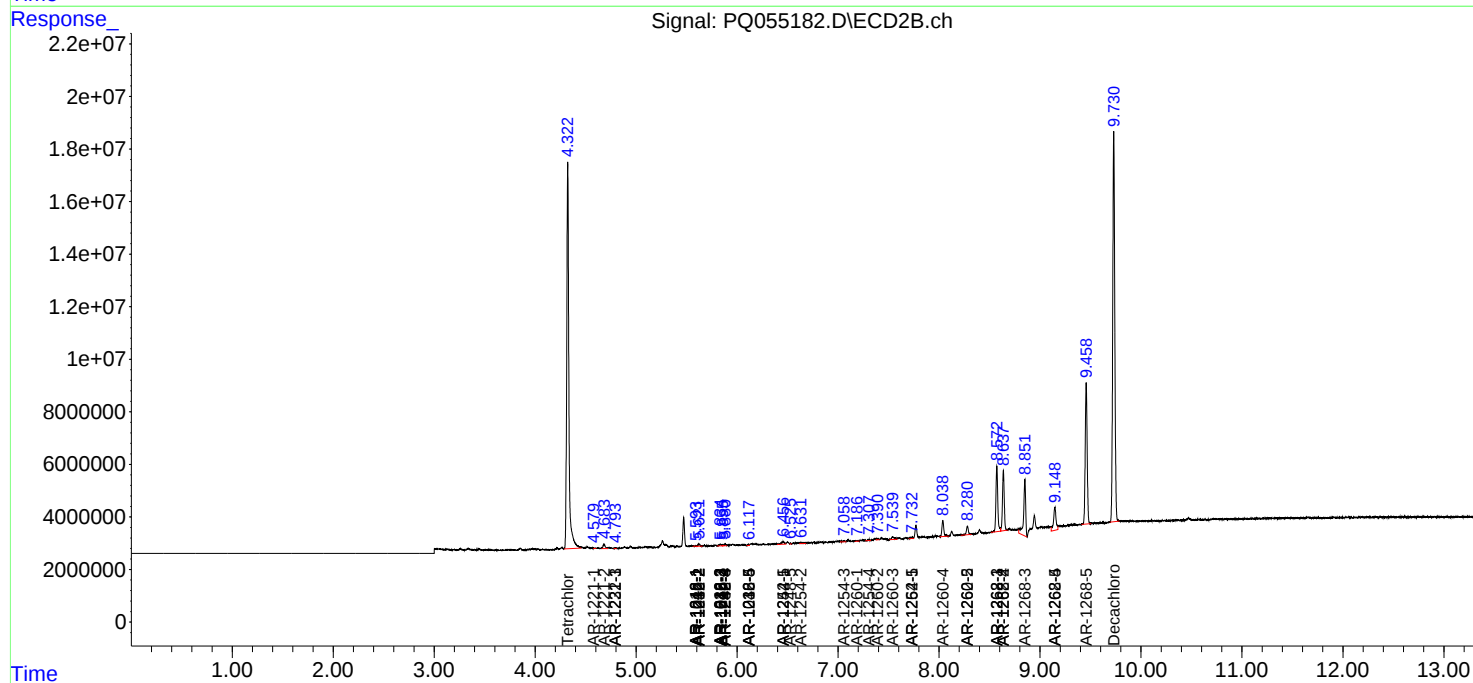
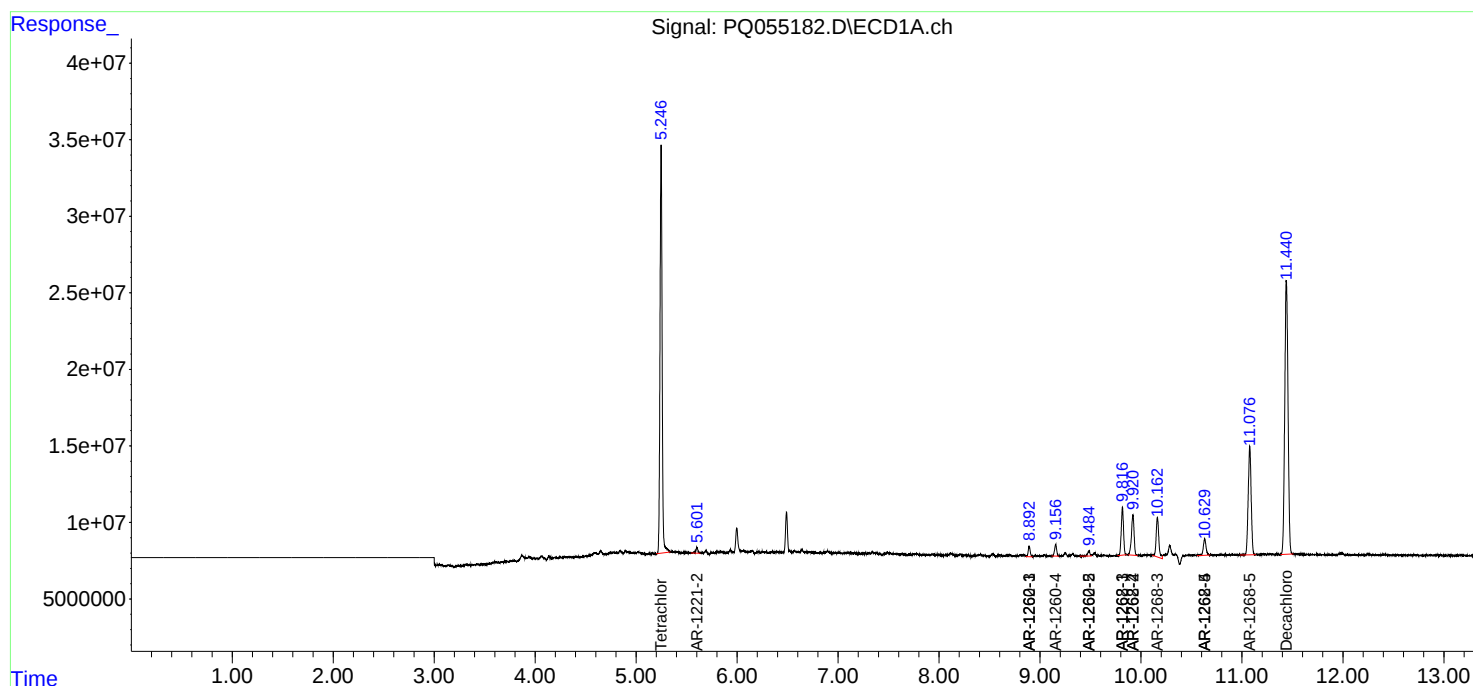
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.920	8.637	47406363	28039547	24.226	21.518
43) L9	AR-1268-3	10.163	8.850	47843418	31134188	28.774	28.460
44) L9	AR-1268-4	10.631	9.147	19868399	15233554	26.209	33.720 #
45) L9	AR-1268-5	11.076	9.458	142.8E6	71468509	24.907	20.215

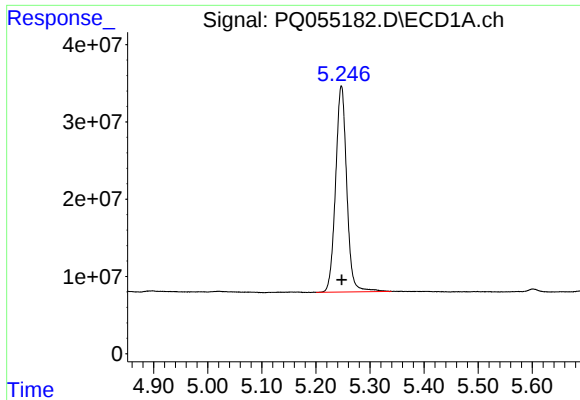
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 30 02:09:05 2021
Response via : Initial Calibration
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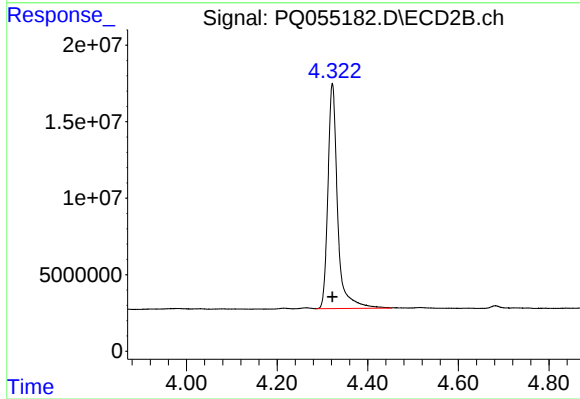
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





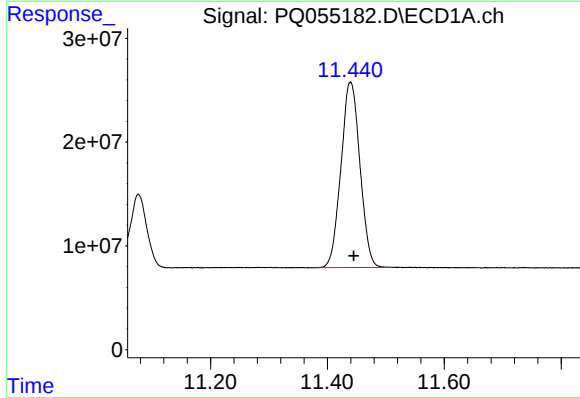
#1 Tetrachloro-m-xylene

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 382459662
Conc: 21.75 ng/ml



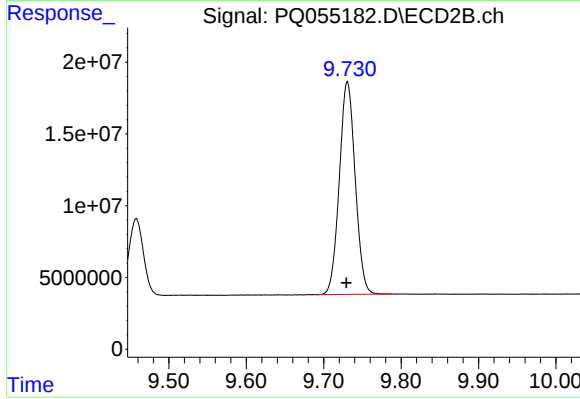
#1 Tetrachloro-m-xylene

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 218343849
Conc: 21.23 ng/ml



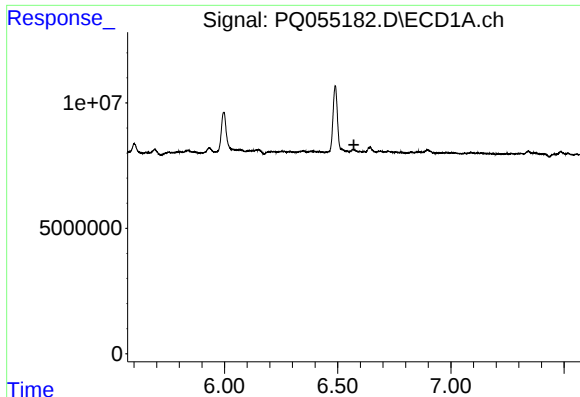
#2 Decachlorobiphenyl

R.T.: 11.440 min
Delta R.T.: -0.006 min
Response: 402804238
Conc: 25.54 ng/ml



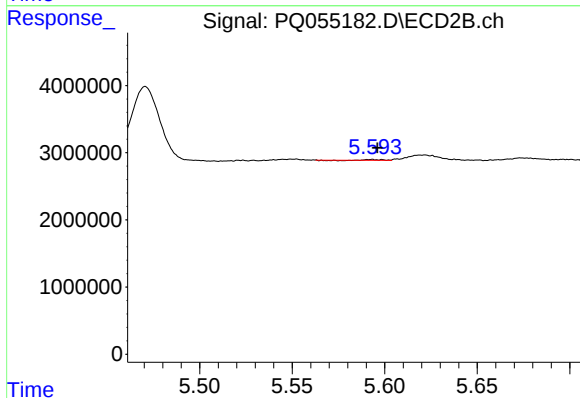
#2 Decachlorobiphenyl

R.T.: 9.731 min
Delta R.T.: 0.001 min
Response: 211267981
Conc: 23.59 ng/ml



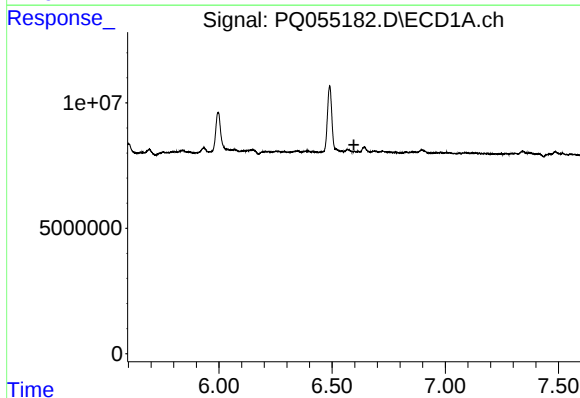
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 6.572 min
Response: 0
Conc: N.D.



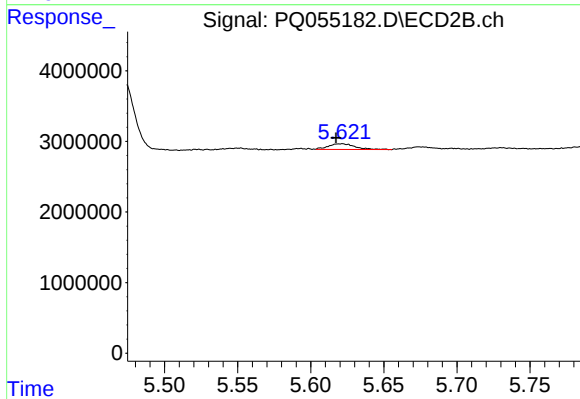
#3 AR-1016-1

R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 25485
Conc: 0.07 ng/ml



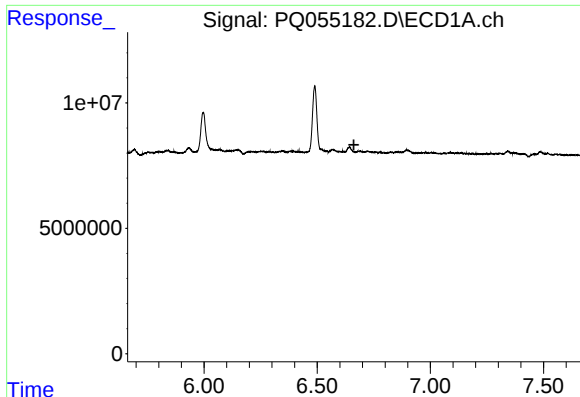
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 6.596 min
Response: 0
Conc: N.D.



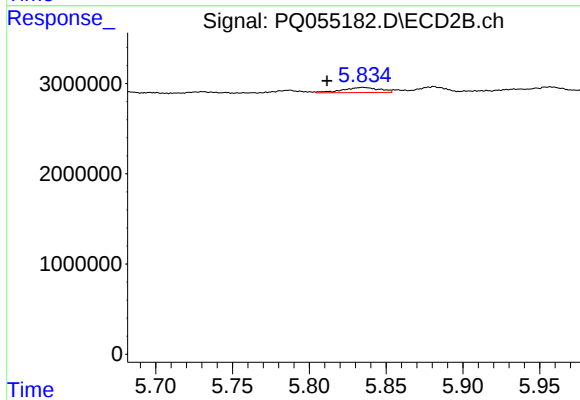
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: 0.004 min
Response: 1024995
Conc: 1.99 ng/ml



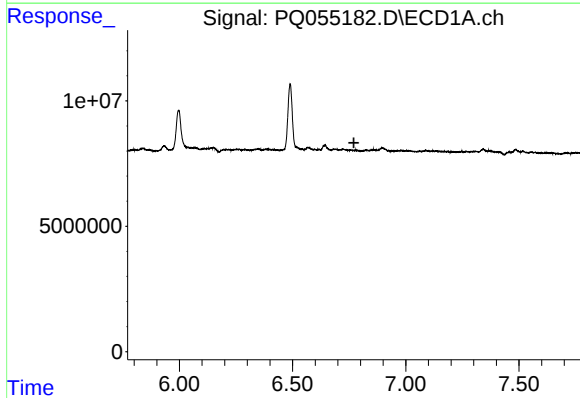
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.



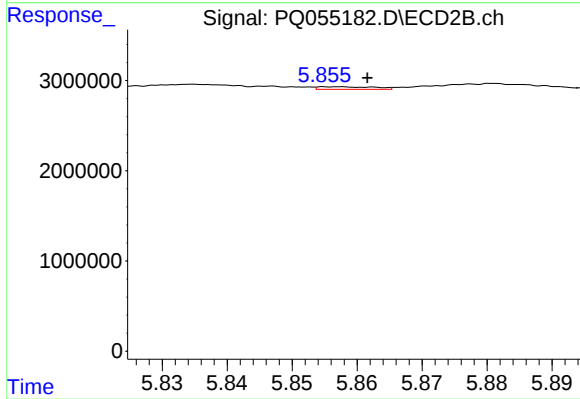
#5 AR-1016-3

R.T.: 5.835 min
Delta R.T.: 0.023 min
Response: 966212
Conc: 3.61 ng/ml



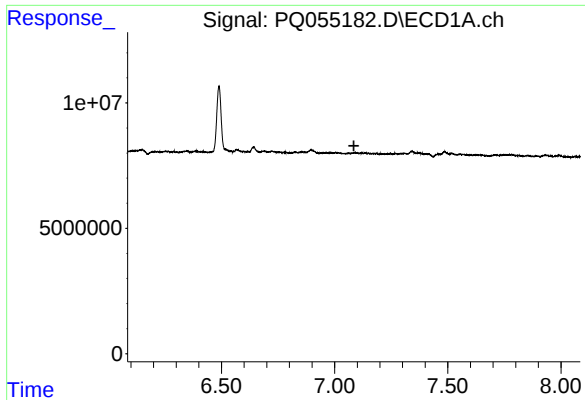
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.771 min
Response: 0
Conc: N.D.



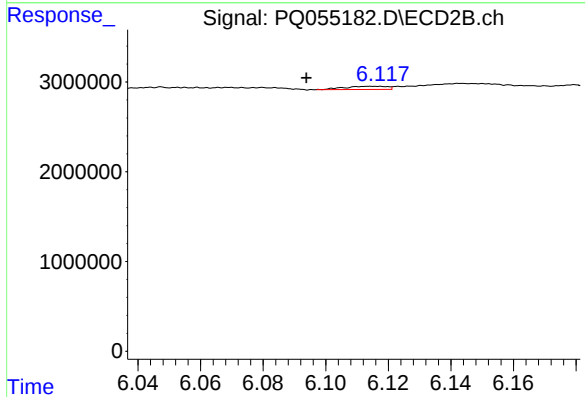
#6 AR-1016-4

R.T.: 5.856 min
Delta R.T.: -0.005 min
Response: 175877
Conc: 0.81 ng/ml



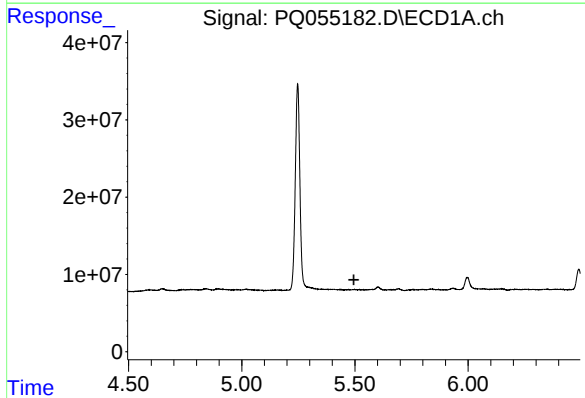
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 7.085 min
Response: 0
Conc: N.D.



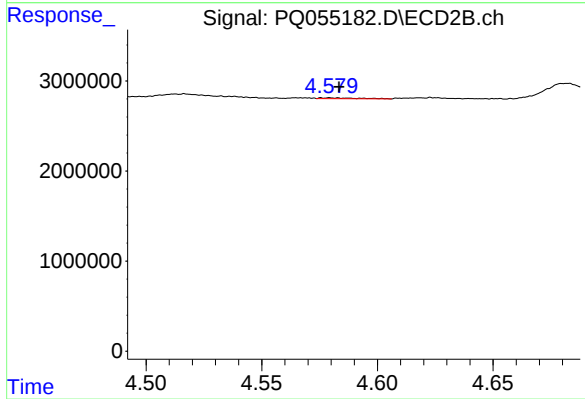
#7 AR-1016-5

R.T.: 6.115 min
Delta R.T.: 0.021 min
Response: 344213
Conc: 1.26 ng/ml



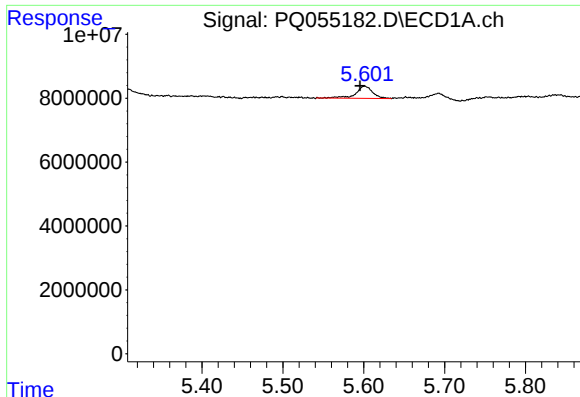
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.495 min
Response: 0
Conc: N.D.



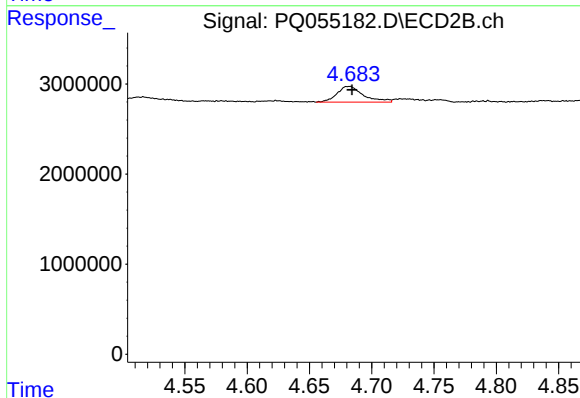
#8 AR-1221-1

R.T.: 4.580 min
Delta R.T.: -0.004 min
Response: 100486
Conc: 0.93 ng/ml



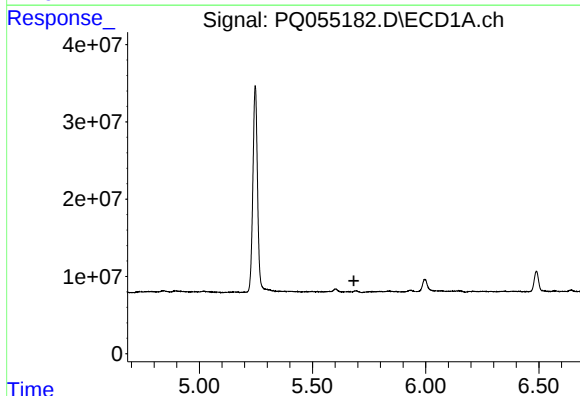
#9 AR-1221-2

R.T.: 5.601 min
Delta R.T.: 0.006 min
Response: 5548709
Conc: 31.71 ng/ml



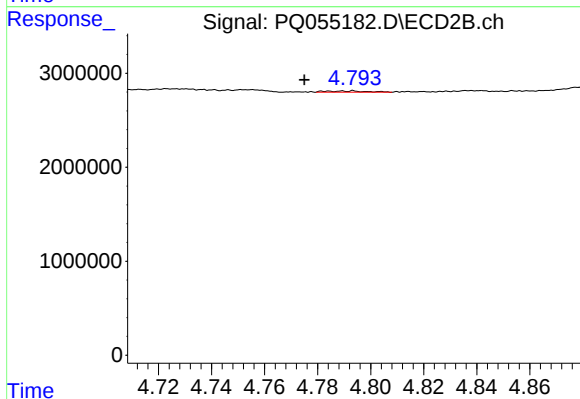
#9 AR-1221-2

R.T.: 4.682 min
Delta R.T.: -0.003 min
Response: 2590529
Conc: 33.43 ng/ml



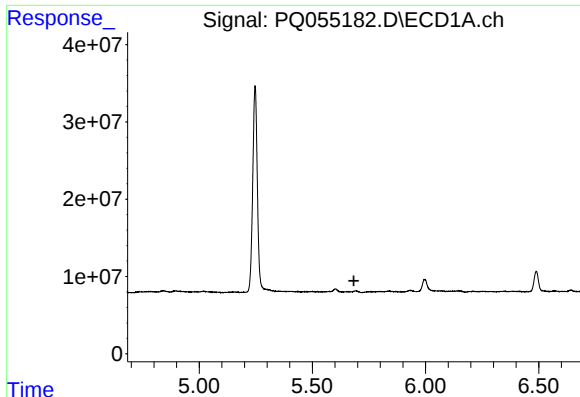
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.683 min
Response: 0
Conc: N.D.



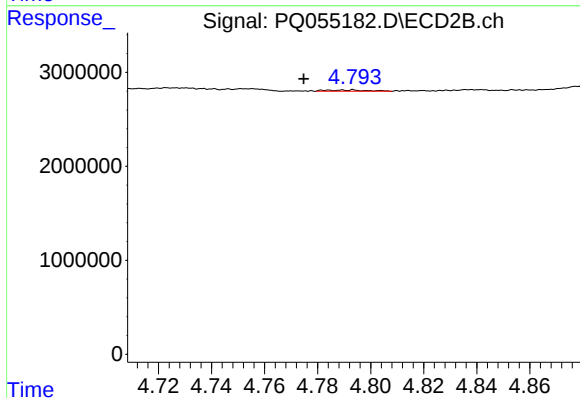
#10 AR-1221-3

R.T.: 4.793 min
Delta R.T.: 0.018 min
Response: 146981
Conc: 0.57 ng/ml



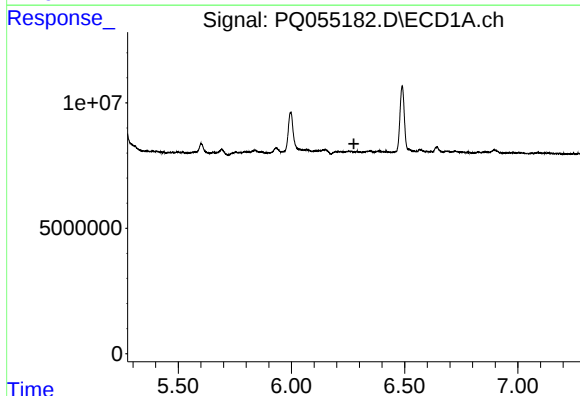
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.683 min
Response: 0
Conc: N.D.



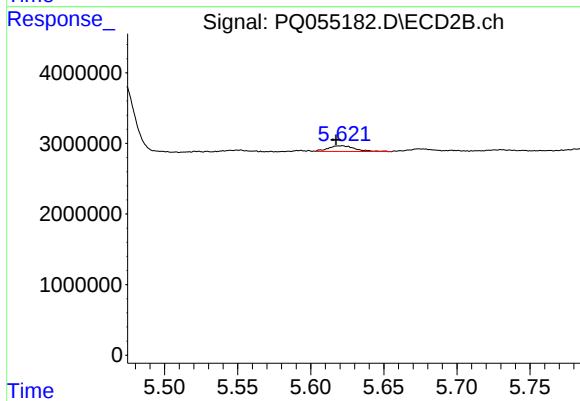
#11 AR-1232-1

R.T.: 4.793 min
Delta R.T.: 0.019 min
Response: 146981
Conc: 0.68 ng/ml



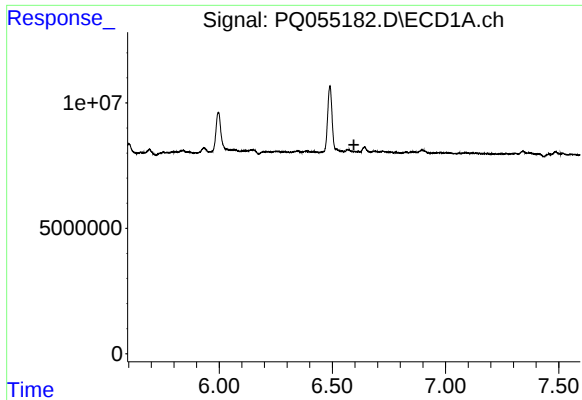
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.276 min
Response: 0
Conc: N.D.



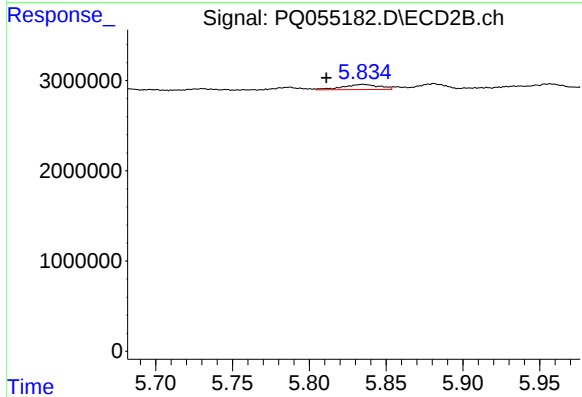
#12 AR-1232-2

R.T.: 5.621 min
Delta R.T.: 0.004 min
Response: 1024995
Conc: 4.87 ng/ml



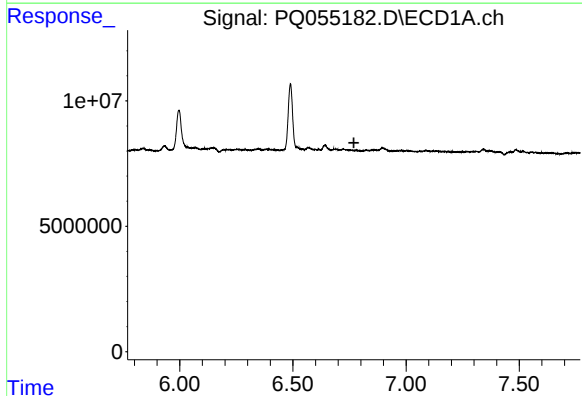
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.595 min
Response: 0
Conc: N.D.



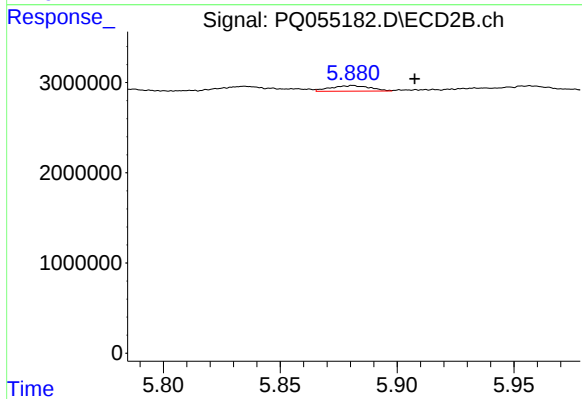
#13 AR-1232-3

R.T.: 5.835 min
Delta R.T.: 0.024 min
Response: 966212
Conc: 8.80 ng/ml



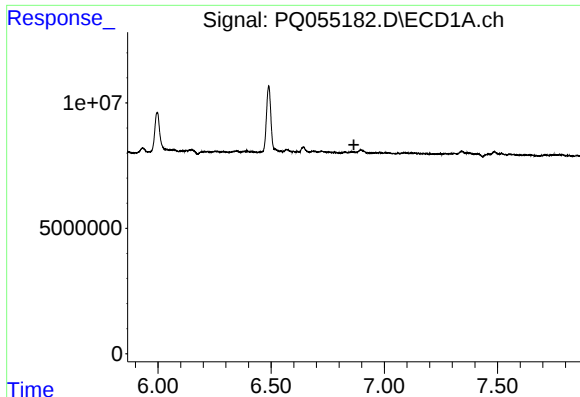
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.769 min
Response: 0
Conc: N.D.



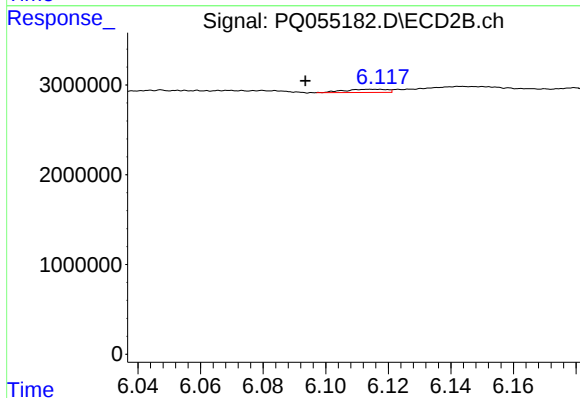
#14 AR-1232-4

R.T.: 5.881 min
Delta R.T.: -0.027 min
Response: 727354
Conc: 7.49 ng/ml



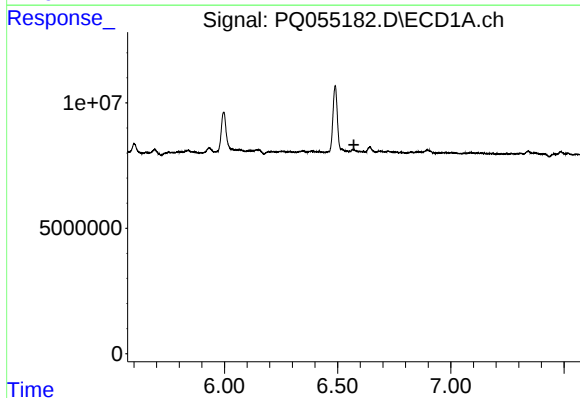
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.865 min
Response: 0
Conc: N.D.



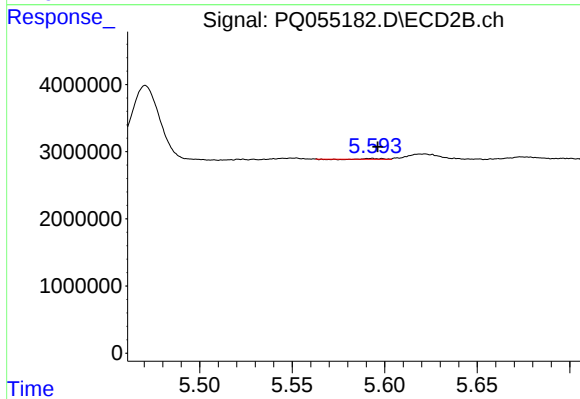
#15 AR-1232-5

R.T.: 6.115 min
Delta R.T.: 0.022 min
Response: 344213
Conc: 3.34 ng/ml



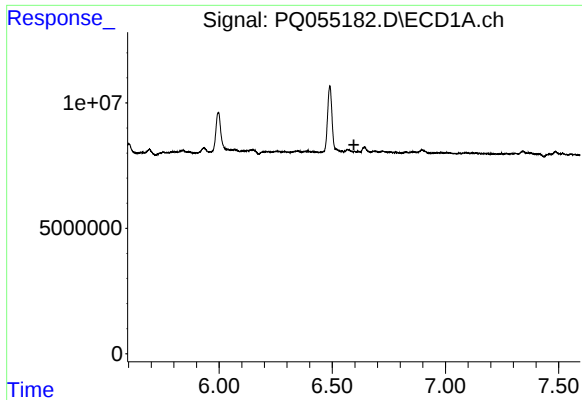
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.572 min
Response: 0
Conc: N.D.



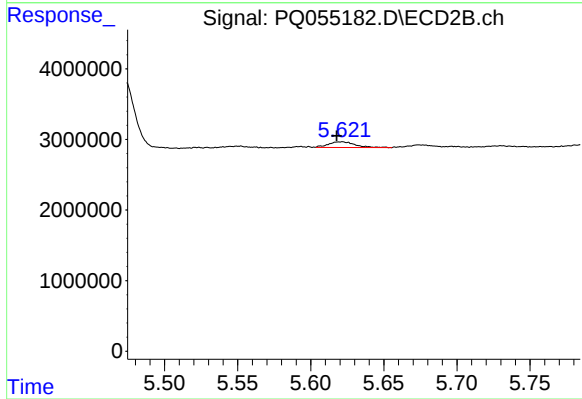
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 25485
Conc: 0.10 ng/ml



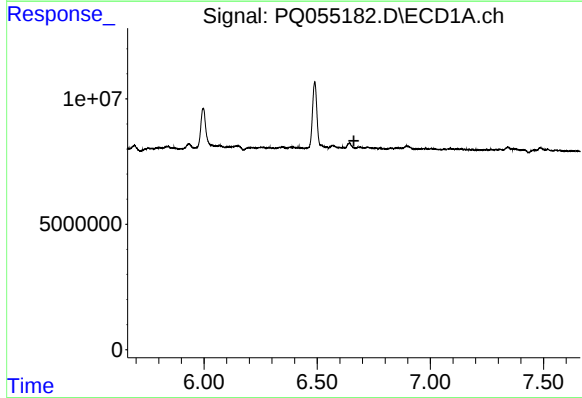
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.596 min
Response: 0
Conc: N.D.



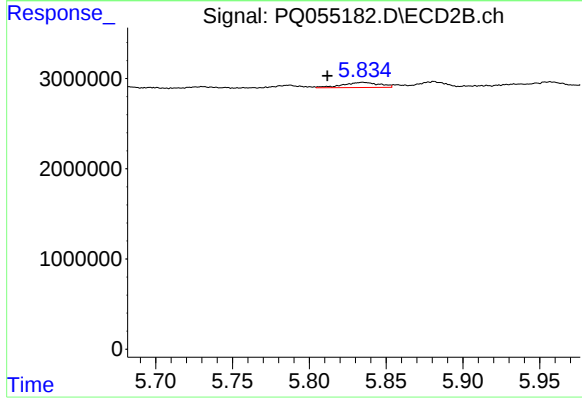
#17 AR-1242-2

R.T.: 5.621 min
Delta R.T.: 0.003 min
Response: 1024995
Conc: 2.65 ng/ml



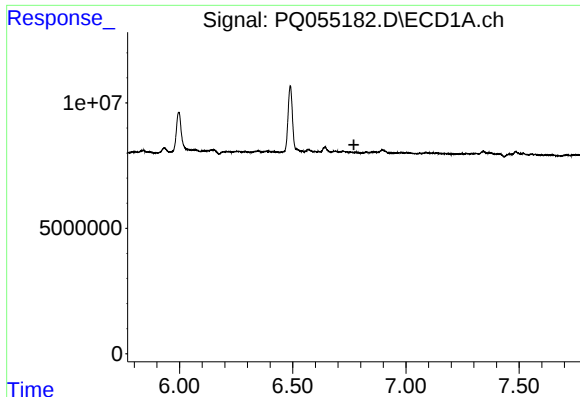
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.662 min
Response: 0
Conc: N.D.



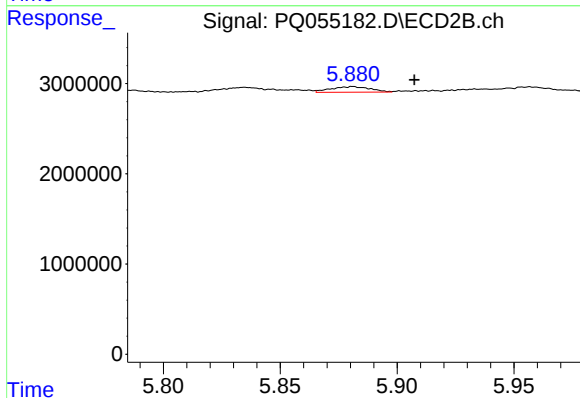
#18 AR-1242-3

R.T.: 5.835 min
Delta R.T.: 0.023 min
Response: 966212
Conc: 4.79 ng/ml



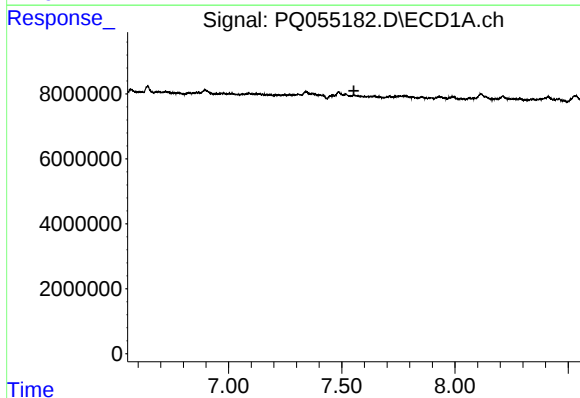
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.770 min
Response: 0
Conc: N.D.



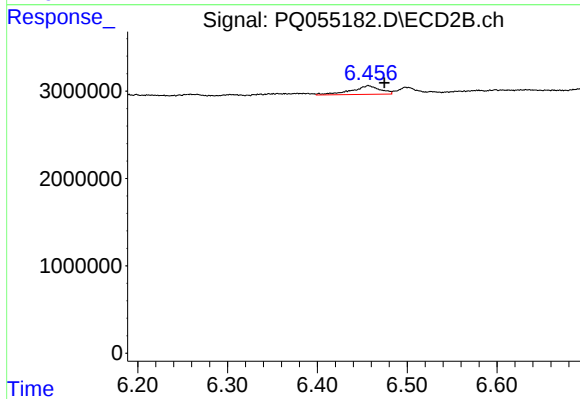
#19 AR-1242-4

R.T.: 5.881 min
Delta R.T.: -0.027 min
Response: 727354
Conc: 3.72 ng/ml



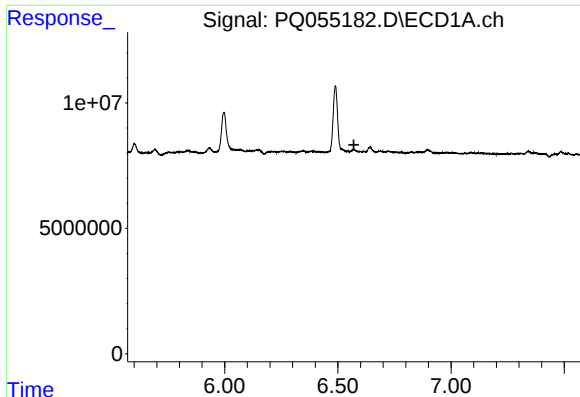
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.554 min
Response: 0
Conc: N.D.



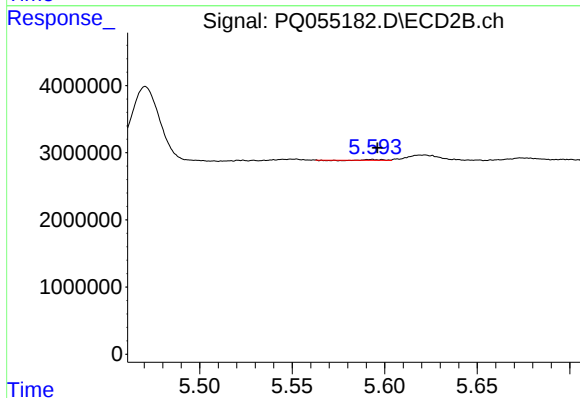
#20 AR-1242-5

R.T.: 6.457 min
Delta R.T.: -0.018 min
Response: 2204533
Conc: 8.74 ng/ml



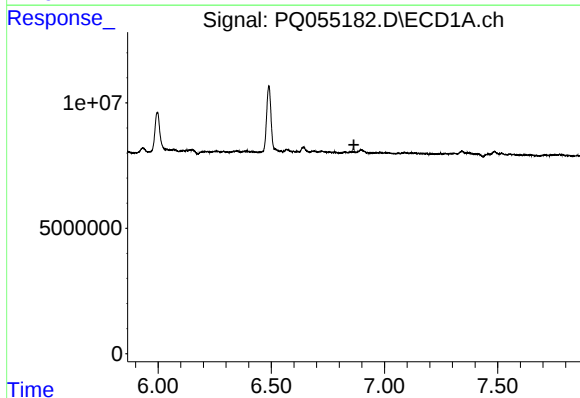
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.571 min
Response: 0
Conc: N.D.



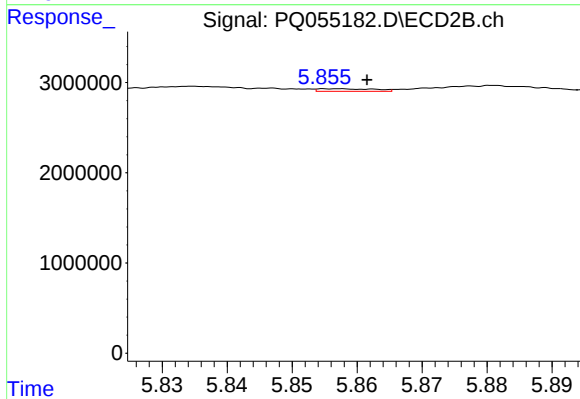
#21 AR-1248-1

R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 25485
Conc: 0.13 ng/ml



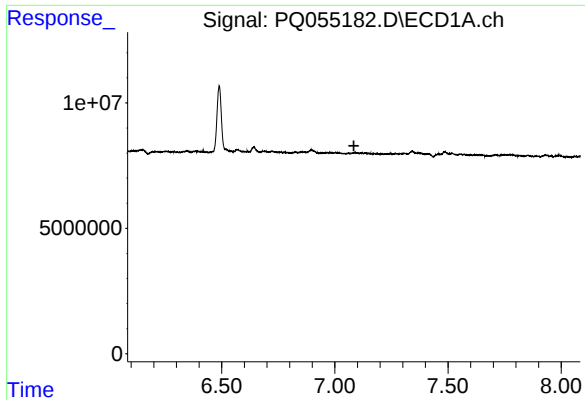
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.865 min
Response: 0
Conc: N.D.



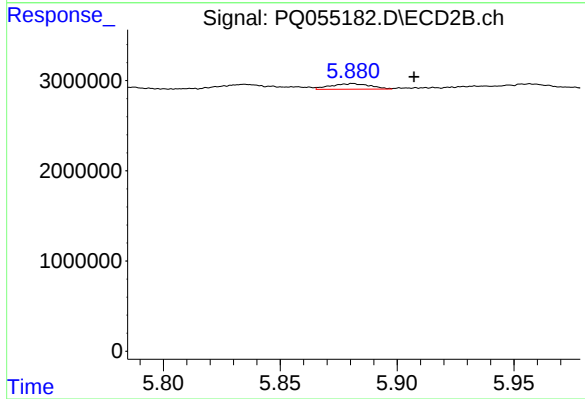
#22 AR-1248-2

R.T.: 5.856 min
Delta R.T.: -0.005 min
Response: 175877
Conc: 0.63 ng/ml



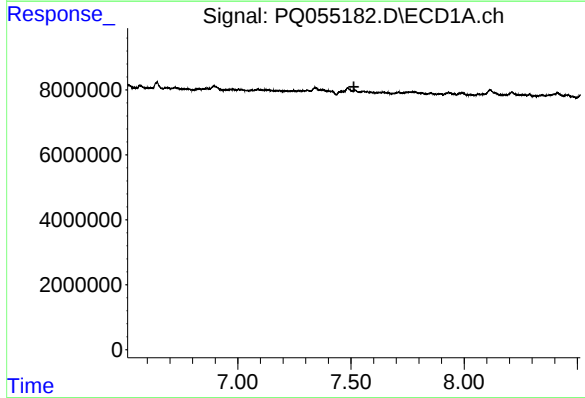
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 7.084 min
Response: 0
Conc: N.D.



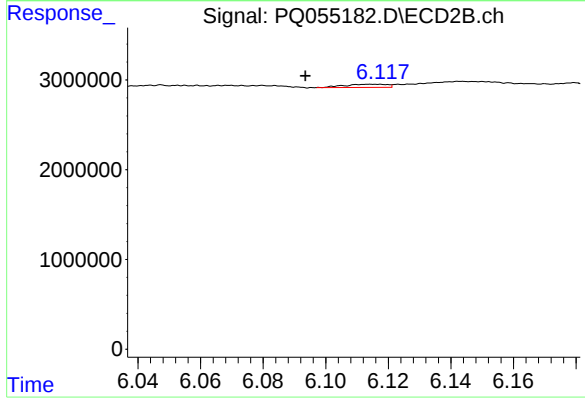
#23 AR-1248-3

R.T.: 5.881 min
Delta R.T.: -0.026 min
Response: 727354
Conc: 2.49 ng/ml



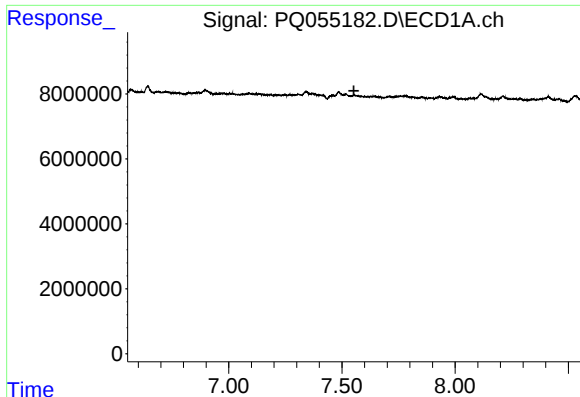
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 7.513 min
Response: 0
Conc: N.D.



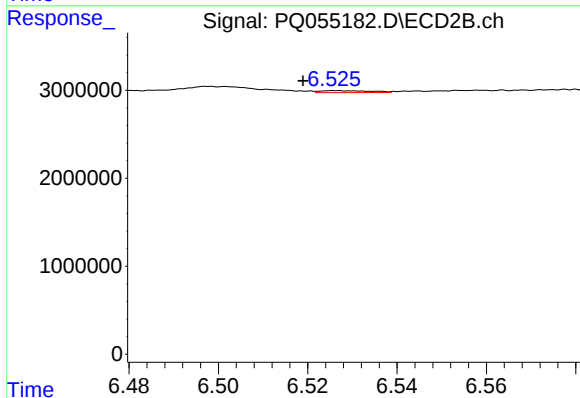
#24 AR-1248-4

R.T.: 6.115 min
Delta R.T.: 0.022 min
Response: 344213
Conc: 0.99 ng/ml



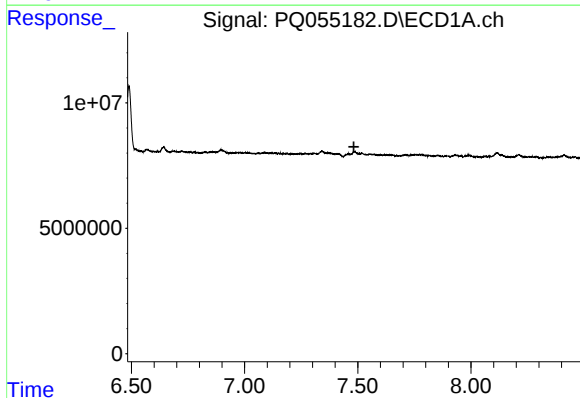
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 7.553 min
Response: 0
Conc: N.D.



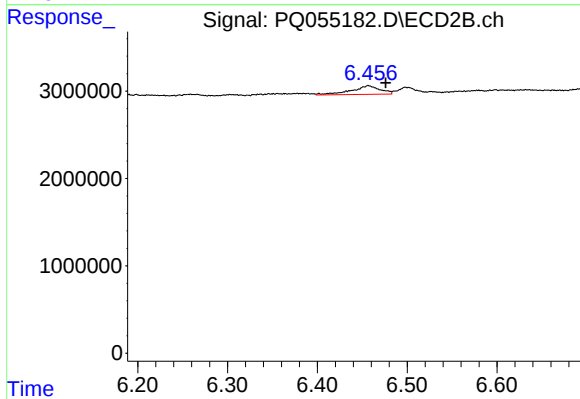
#25 AR-1248-5

R.T.: 6.526 min
Delta R.T.: 0.007 min
Response: 178067
Conc: 0.51 ng/ml



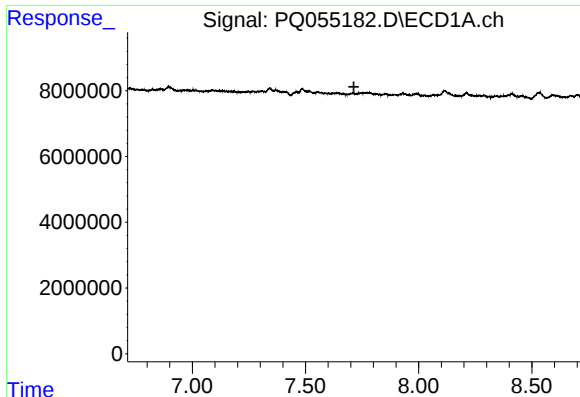
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 7.483 min
Response: 0
Conc: N.D.



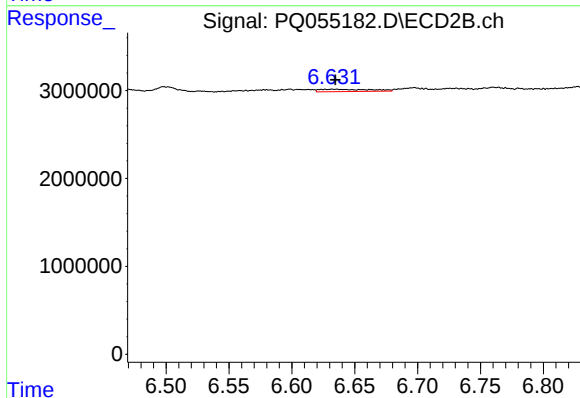
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: -0.019 min
Response: 2204533
Conc: 3.99 ng/ml



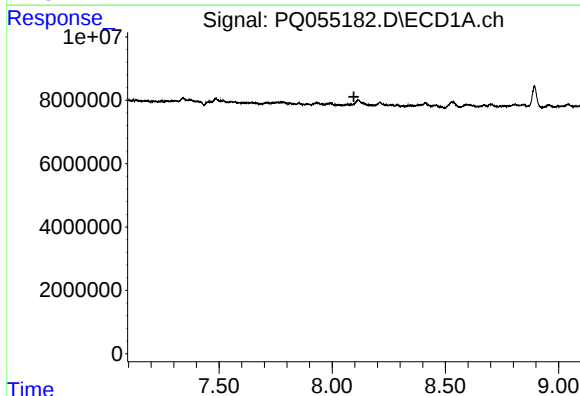
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 7.714 min
Response: 0
Conc: N.D.



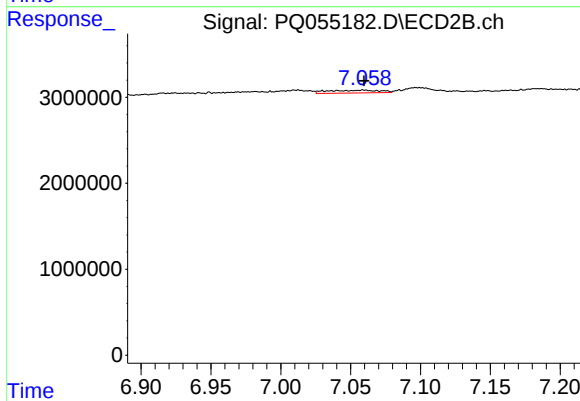
#27 AR-1254-2

R.T.: 6.633 min
Delta R.T.: -0.002 min
Response: 760301
Conc: 1.61 ng/ml



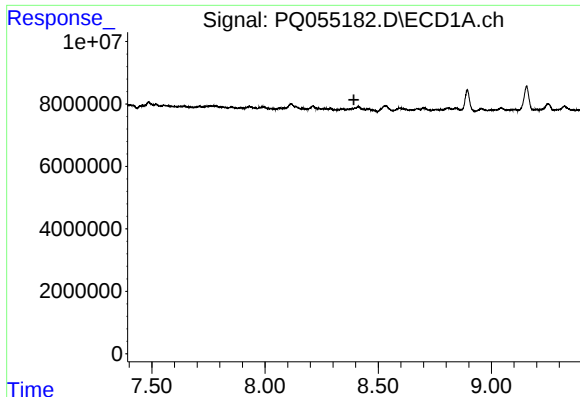
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.096 min
Response: 0
Conc: N.D.



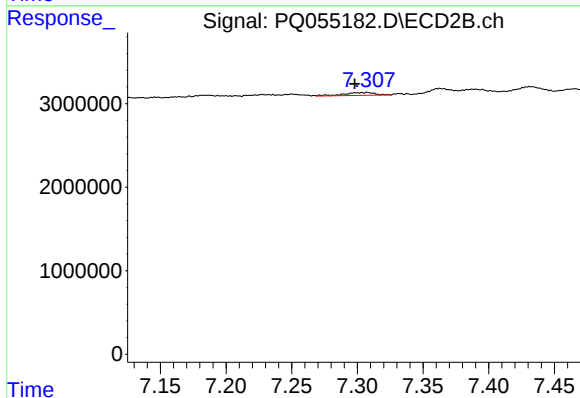
#28 AR-1254-3

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 832756
Conc: 1.06 ng/ml



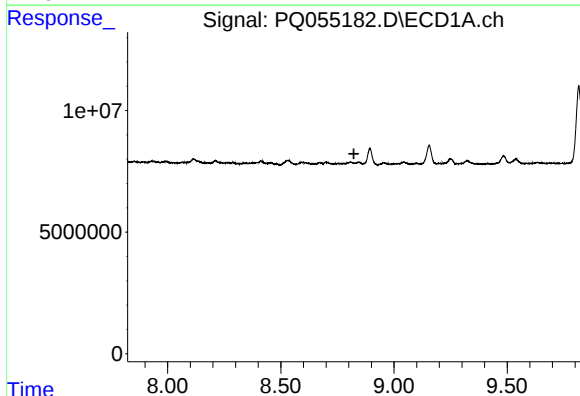
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 8.392 min
Response: 0
Conc: N.D.



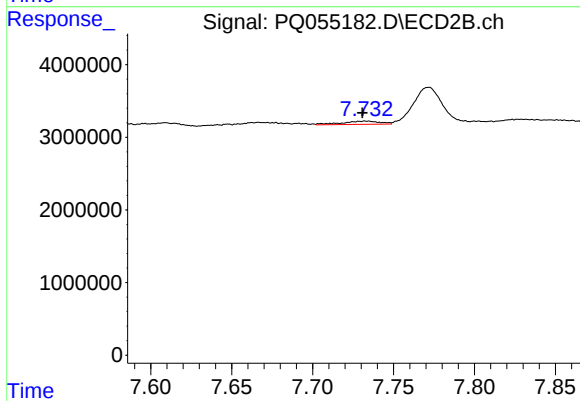
#29 AR-1254-4

R.T.: 7.308 min
Delta R.T.: 0.010 min
Response: 544736
Conc: 1.14 ng/ml



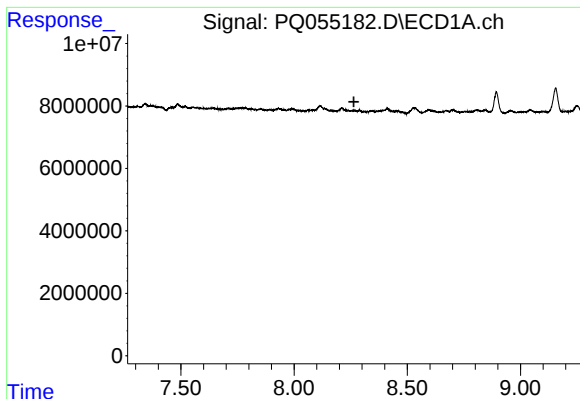
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.823 min
Response: 0
Conc: N.D.



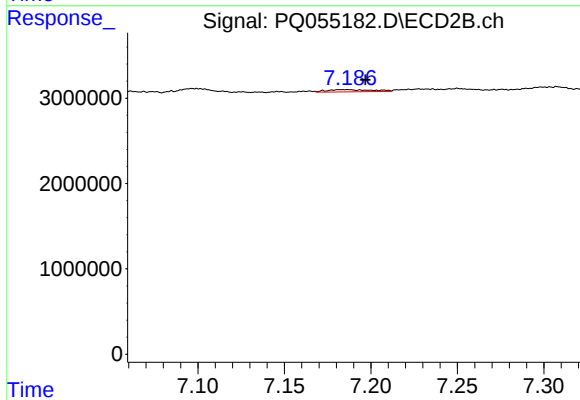
#30 AR-1254-5

R.T.: 7.733 min
Delta R.T.: 0.002 min
Response: 725440
Conc: 1.08 ng/ml



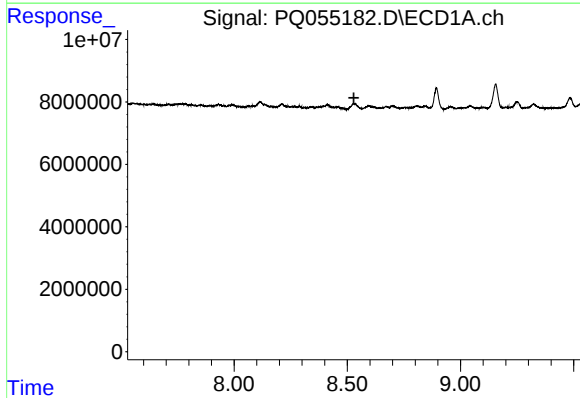
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 8.264 min
Response: 0
Conc: N.D.



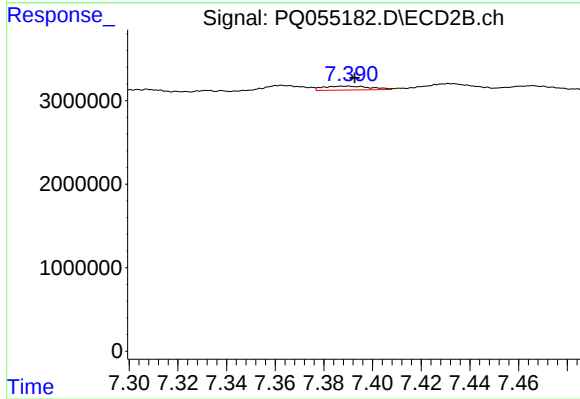
#31 AR-1260-1

R.T.: 7.186 min
Delta R.T.: -0.011 min
Response: 458461
Conc: 0.91 ng/ml



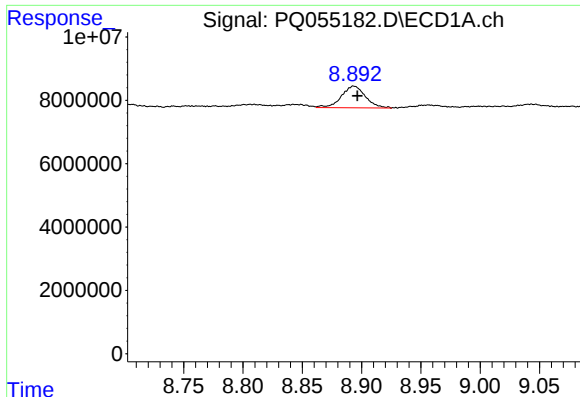
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 8.529 min
Response: 0
Conc: N.D.



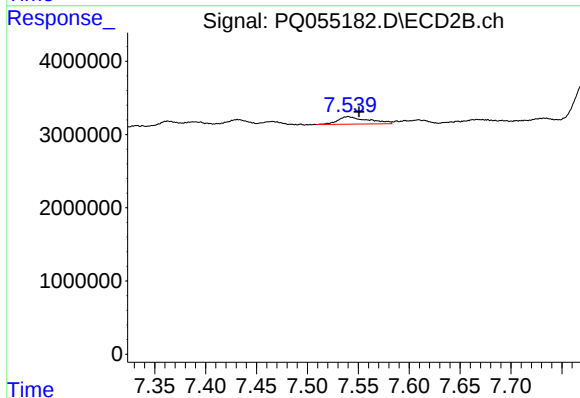
#32 AR-1260-2

R.T.: 7.389 min
Delta R.T.: -0.004 min
Response: 624645
Conc: 1.03 ng/ml



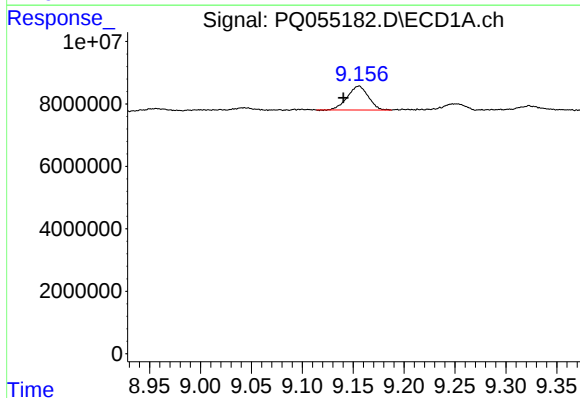
#33 AR-1260-3

R.T.: 8.894 min
Delta R.T.: -0.003 min
Response: 9729369
Conc: 15.31 ng/ml



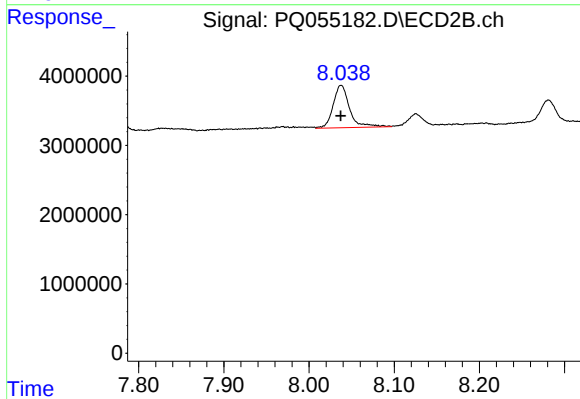
#33 AR-1260-3

R.T.: 7.540 min
Delta R.T.: -0.011 min
Response: 2100323
Conc: 3.68 ng/ml



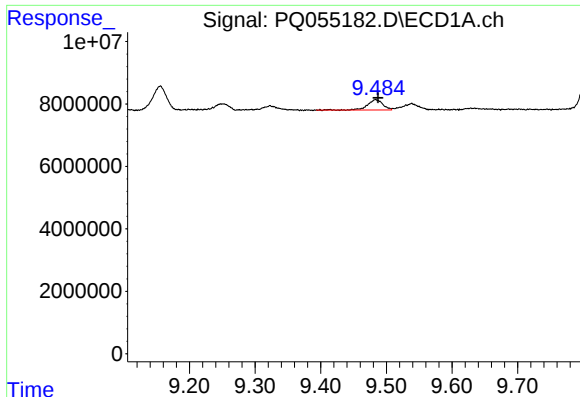
#34 AR-1260-4

R.T.: 9.156 min
Delta R.T.: 0.015 min
Response: 11032136
Conc: 14.47 ng/ml



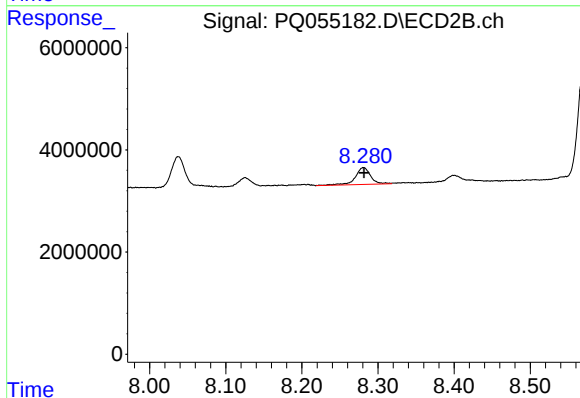
#34 AR-1260-4

R.T.: 8.038 min
Delta R.T.: 0.000 min
Response: 8229658
Conc: 17.37 ng/ml



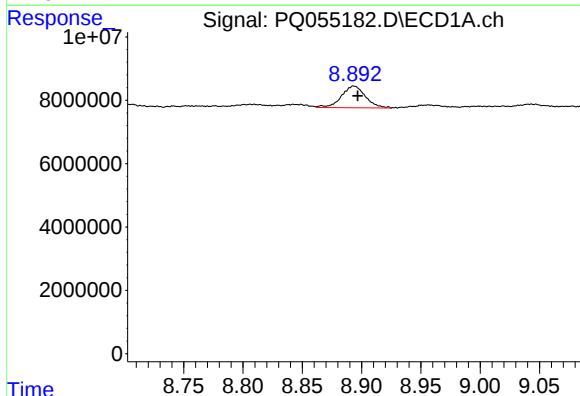
#35 AR-1260-5

R.T.: 9.483 min
Delta R.T.: -0.004 min
Response: 5414144
Conc: 3.51 ng/ml



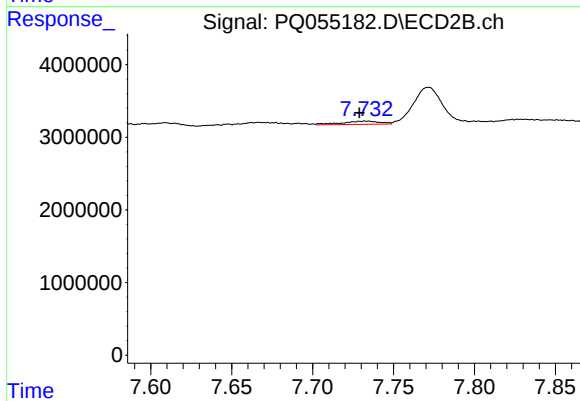
#35 AR-1260-5

R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 4648018
Conc: 4.02 ng/ml



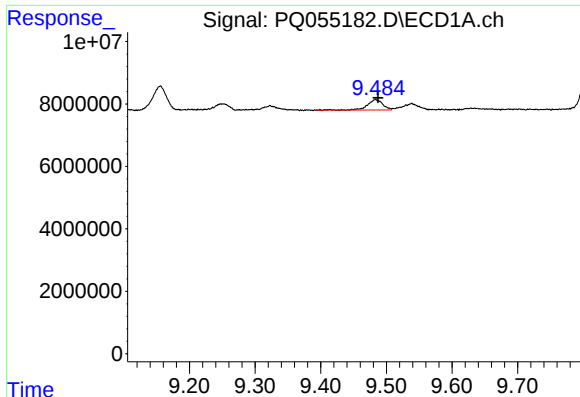
#36 AR-1262-1

R.T.: 8.894 min
Delta R.T.: -0.003 min
Response: 9729369
Conc: 11.28 ng/ml



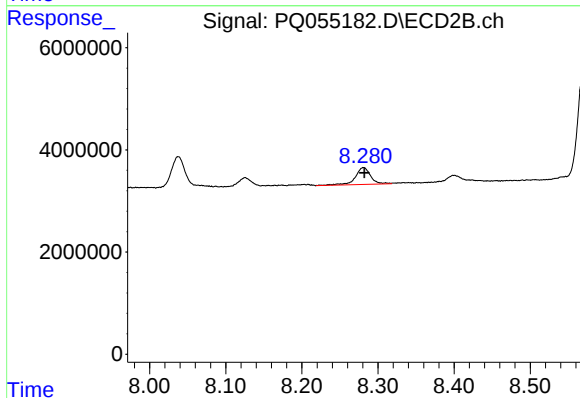
#36 AR-1262-1

R.T.: 7.733 min
Delta R.T.: 0.004 min
Response: 725440
Conc: 2.13 ng/ml



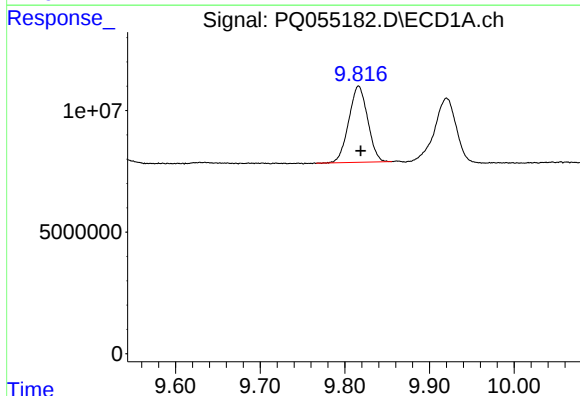
#37 AR-1262-2

R.T.: 9.483 min
Delta R.T.: -0.004 min
Response: 5414144
Conc: 3.27 ng/ml



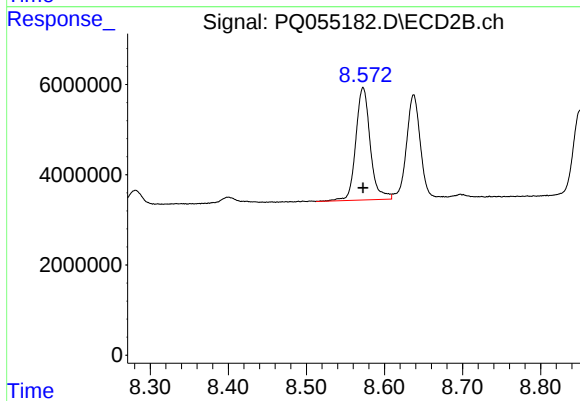
#37 AR-1262-2

R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 4648018
Conc: 3.77 ng/ml



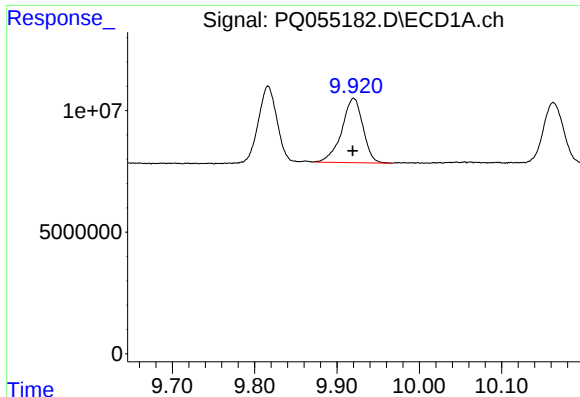
#38 AR-1262-3

R.T.: 9.816 min
Delta R.T.: -0.002 min
Response: 48605239
Conc: 60.39 ng/ml



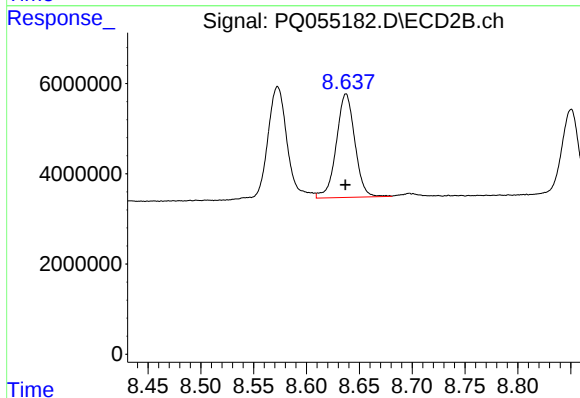
#38 AR-1262-3

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 32015011
Conc: 69.27 ng/ml



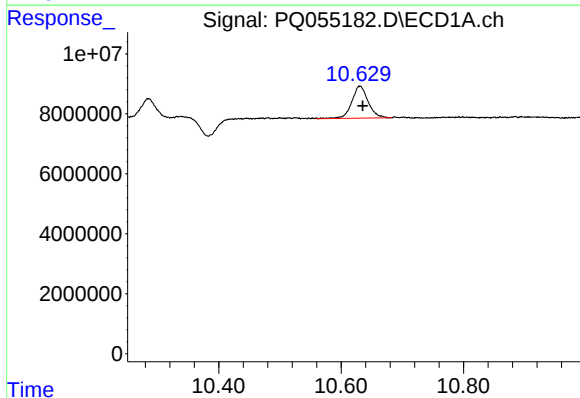
#39 AR-1262-4

R.T.: 9.920 min
Delta R.T.: 0.001 min
Response: 47406363
Conc: 97.10 ng/ml



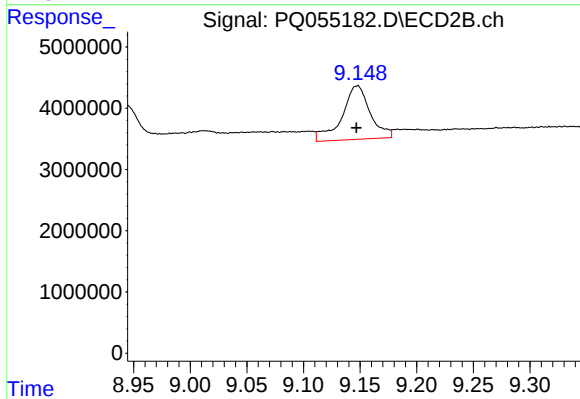
#39 AR-1262-4

R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 28039547
Conc: 31.42 ng/ml



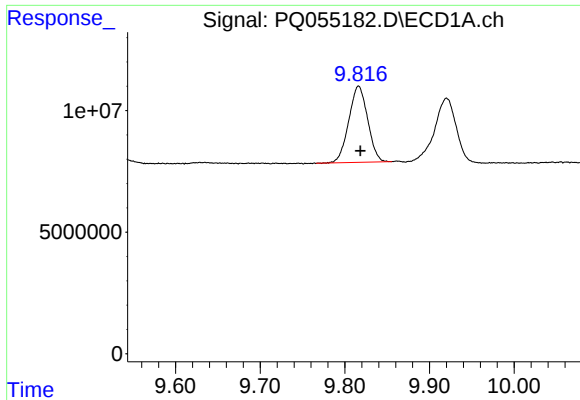
#40 AR-1262-5

R.T.: 10.631 min
Delta R.T.: -0.005 min
Response: 19868399
Conc: 29.37 ng/ml



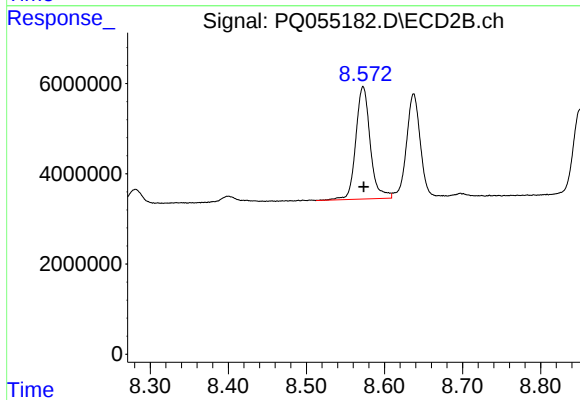
#40 AR-1262-5

R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 15233554
Conc: 37.93 ng/ml



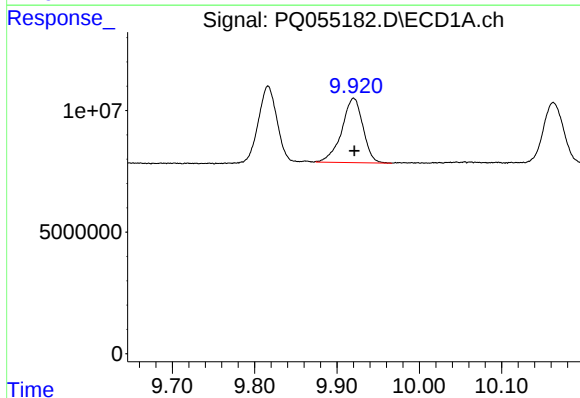
#41 AR-1268-1

R.T.: 9.816 min
Delta R.T.: -0.002 min
Response: 48605239
Conc: 24.45 ng/ml



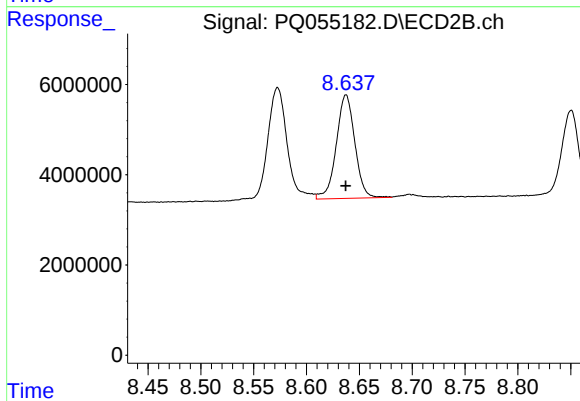
#41 AR-1268-1

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 32015011
Conc: 22.63 ng/ml



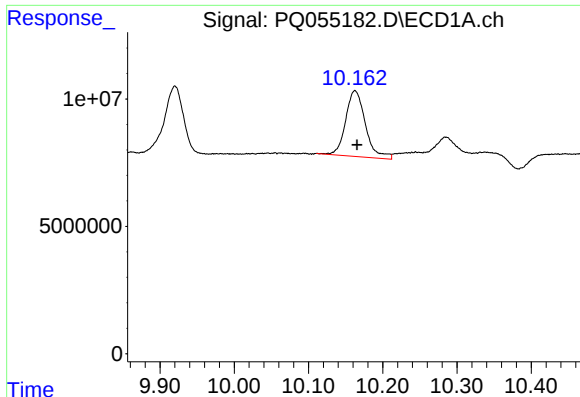
#42 AR-1268-2

R.T.: 9.920 min
Delta R.T.: -0.001 min
Response: 47406363
Conc: 24.23 ng/ml



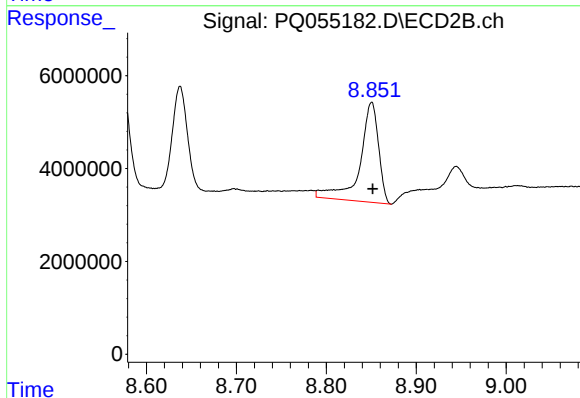
#42 AR-1268-2

R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 28039547
Conc: 21.52 ng/ml



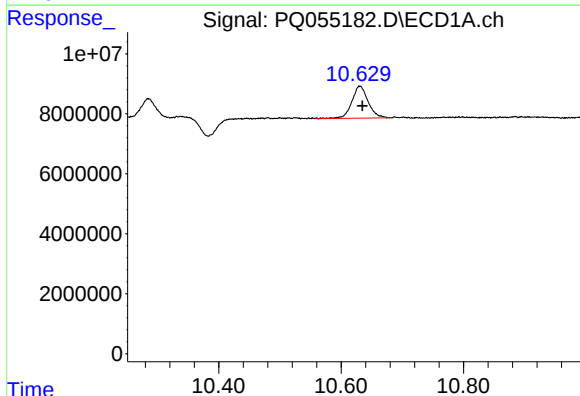
#43 AR-1268-3

R.T.: 10.163 min
Delta R.T.: -0.003 min
Response: 47843418
Conc: 28.77 ng/ml



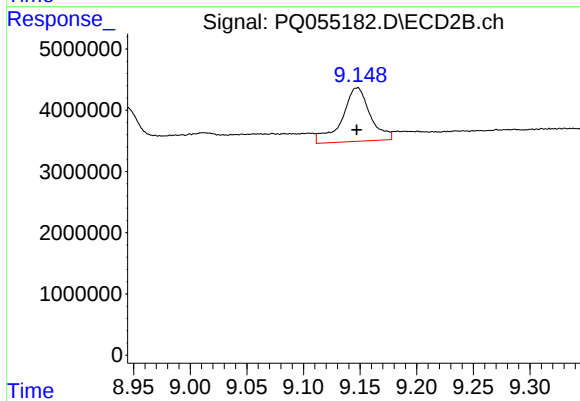
#43 AR-1268-3

R.T.: 8.850 min
Delta R.T.: -0.001 min
Response: 31134188
Conc: 28.46 ng/ml



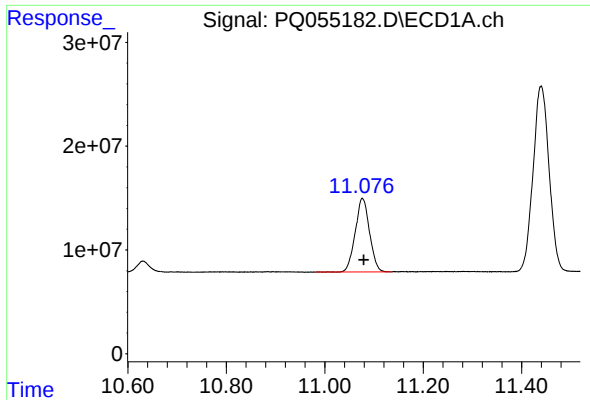
#44 AR-1268-4

R.T.: 10.631 min
Delta R.T.: -0.005 min
Response: 19868399
Conc: 26.21 ng/ml



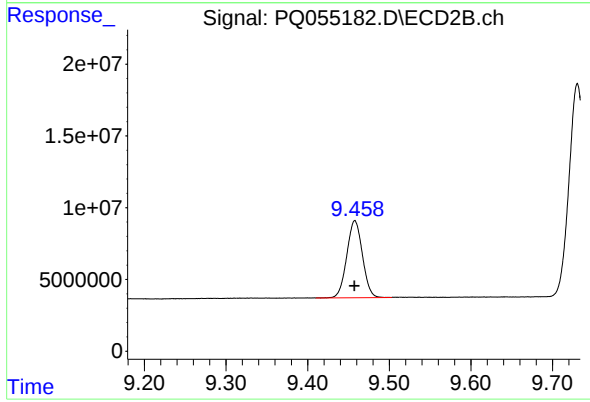
#44 AR-1268-4

R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 15233554
Conc: 33.72 ng/ml



#45 AR-1268-5

R.T.: 11.076 min
Delta R.T.: -0.003 min
Response: 142760236
Conc: 24.91 ng/ml



#45 AR-1268-5

R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 71468509
Conc: 20.21 ng/ml