

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112921\
 Data File : PQ055176.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2021 23:05
 Operator : AJ\MA
 Sample : M4068-01
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 06:30:21 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	396.7E6	226.1E6	22.561	21.983
2)	SA Decachlor...	11.443	9.730	390.4E6	204.1E6	24.753	22.793
Target Compounds							
3)	L1 AR-1016-1	0.000	5.596	0	423897	N.D.	1.182 #
4)	L1 AR-1016-2	0.000	5.620	0	1897195	N.D.	3.685 #
5)	L1 AR-1016-3	0.000	5.811	0	540992	N.D.	2.020 #
6)	L1 AR-1016-4	0.000	5.857	0	299380	N.D.	1.380 #
7)	L1 AR-1016-5	0.000	6.075f	0	322670	N.D.	1.179 #
8)	L2 AR-1221-1	5.493	4.583	6791343	2941780	32.579	27.274
9)	L2 AR-1221-2	5.598	4.683	12158546	4475356	69.485	57.750
10)	L2 AR-1221-3	5.684	4.775	21539385	7535989	47.894	29.263 #
11)	L3 AR-1232-1	5.684	4.775	21539385	7535989	56.730	34.674 #
12)	L3 AR-1232-2	0.000	5.620	0	1897195	N.D.	9.005 #
13)	L3 AR-1232-3	0.000	5.811	0	540992	N.D.	4.929 #
14)	L3 AR-1232-4	0.000	5.904	0	98803	N.D.	1.018 #
15)	L3 AR-1232-5	0.000	6.075f	0	322670	N.D.	3.131 #
16)	L4 AR-1242-1	0.000	5.596	0	423897	N.D.	1.591 #
17)	L4 AR-1242-2	0.000	5.620	0	1897195	N.D.	4.898 #
18)	L4 AR-1242-3	0.000	5.811	0	540992	N.D.	2.683 #
19)	L4 AR-1242-4	0.000	5.904	0	98803	N.D.	0.505 #
20)	L4 AR-1242-5	0.000	6.457f	0	3474541	N.D.	13.780 #
21)	L5 AR-1248-1	0.000	5.596	0	423897	N.D.	2.118 #
22)	L5 AR-1248-2	0.000	5.857	0	299380	N.D.	1.065 #
23)	L5 AR-1248-3	0.000	5.904	0	98803	N.D.	0.338 #
24)	L5 AR-1248-4	7.484f	6.075f	399599	322670	0.659	0.927 #
25)	L5 AR-1248-5	0.000	6.500f	0	2076529	N.D.	5.968 #
26)	L6 AR-1254-1	7.484	6.457f	399599	3474541	0.681	6.282 #
27)	L6 AR-1254-2	0.000	6.641	0	1034872	N.D.	2.187 #
28)	L6 AR-1254-3	8.115f	7.061	3955365	813245	3.886	1.036 #
29)	L6 AR-1254-4	0.000	7.299	0	665637	N.D.	1.395 #
30)	L6 AR-1254-5	0.000	7.731	0	1505706	N.D.	2.251 #
31)	L7 AR-1260-1	0.000	7.203	0	1160408	N.D.	2.315 #
32)	L7 AR-1260-2	8.535	7.389	2230054	565305	2.687	0.935 #
33)	L7 AR-1260-3	0.000	7.540	0	1384779	N.D.	2.425 #
34)	L7 AR-1260-4	0.000	8.028	0	290953	N.D.	0.614 #
35)	L7 AR-1260-5	0.000	8.278	0	2047678	N.D.	1.773 #
36)	L8 AR-1262-1	0.000	7.731	0	1505706	N.D.	4.427 #
37)	L8 AR-1262-2	0.000	8.278	0	2047678	N.D.	1.661 #
38)	L8 AR-1262-3	0.000	8.600f	0	6800360	N.D.	14.713 #
40)	L8 AR-1262-5	0.000	9.156	0	6271105	N.D.	15.616 #
41)	L9 AR-1268-1	0.000	8.600f	0	6800360	N.D.	4.806 #
43)	L9 AR-1268-3	0.000	8.828f	0	31357332	N.D.	28.664 #

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 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

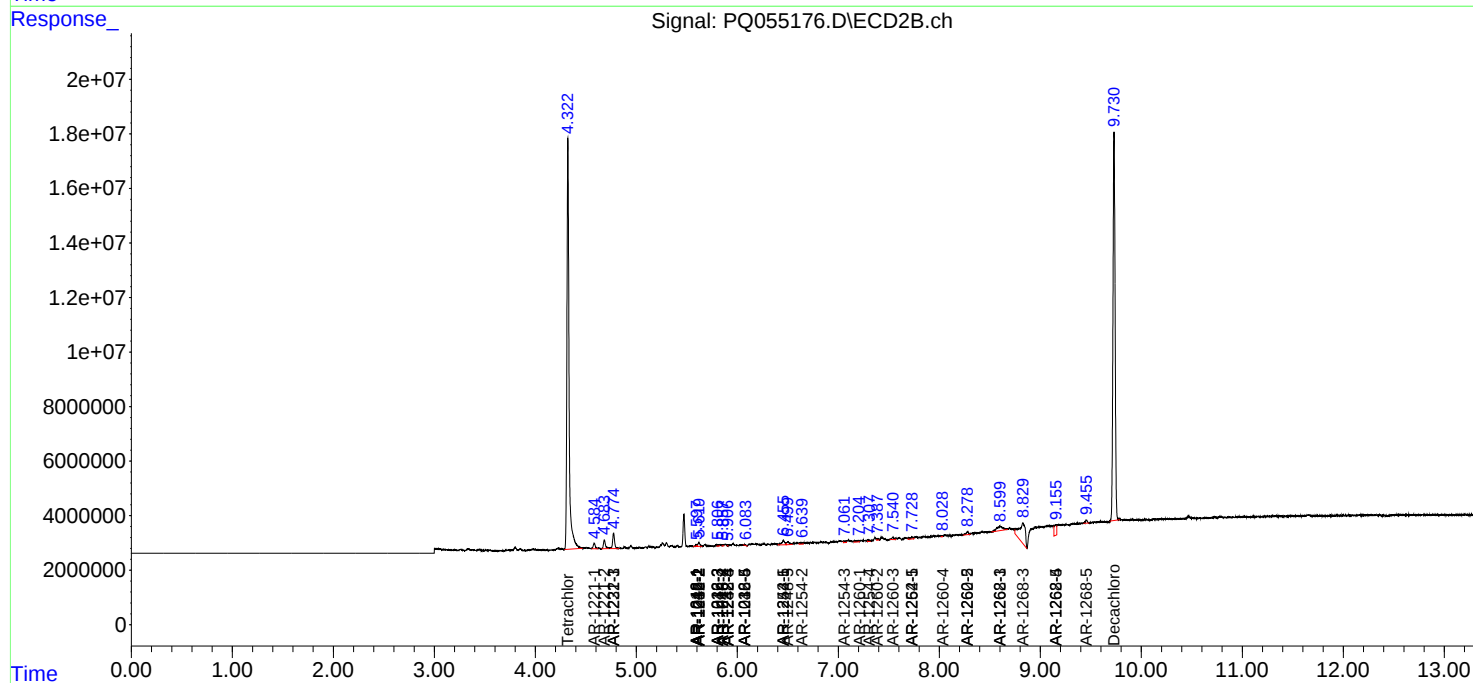
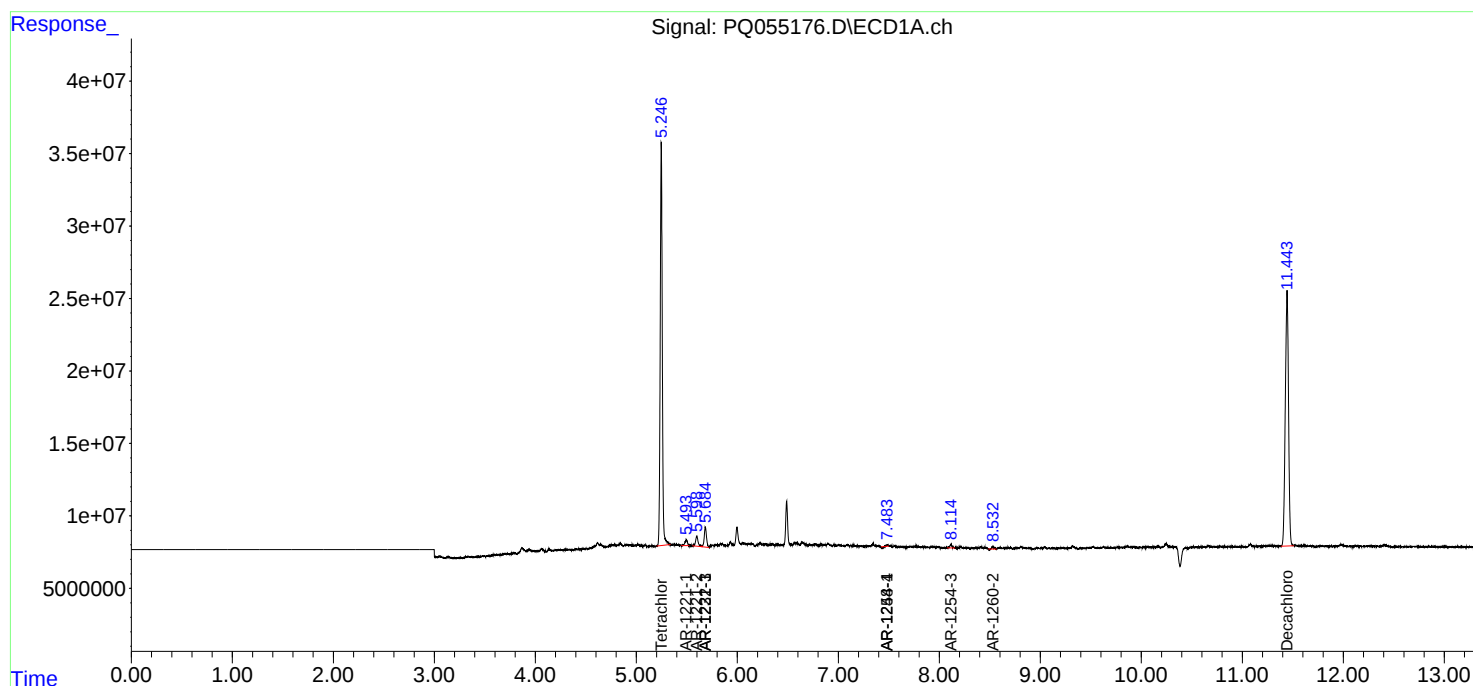
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	9.156	0	6271105	N.D.	13.881 #
45) L9	AR-1268-5	0.000	9.455	0	1546774	N.D.	0.438 #

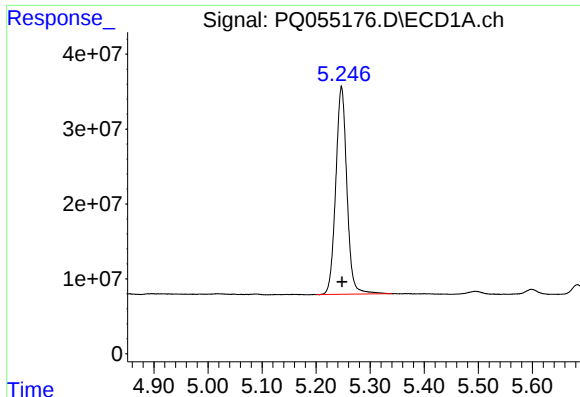
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 30 02:09:05 2021
Response via : Initial Calibration
Integrator: ChemStation

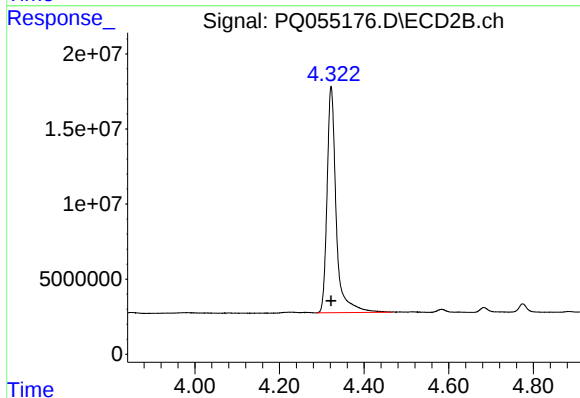
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





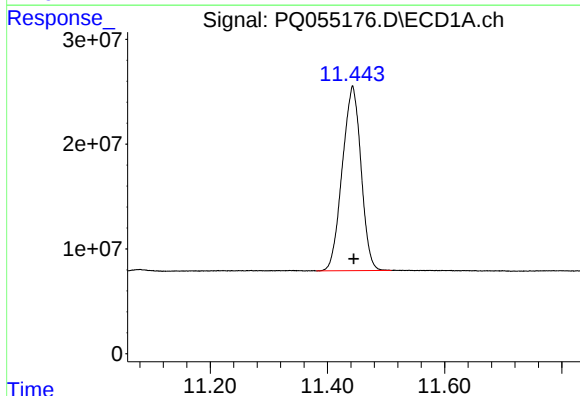
#1 Tetrachloro-m-xylene

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 396657160
Conc: 22.56 ng/ml



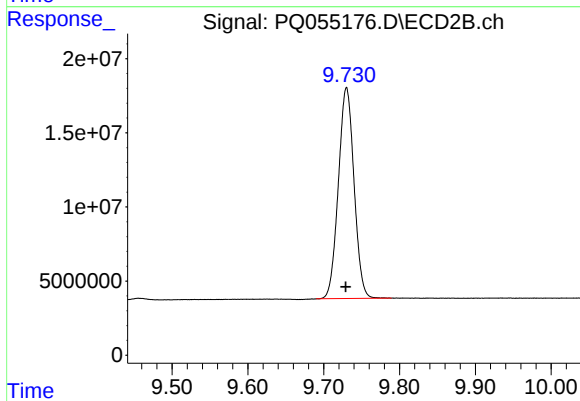
#1 Tetrachloro-m-xylene

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 226057392
Conc: 21.98 ng/ml



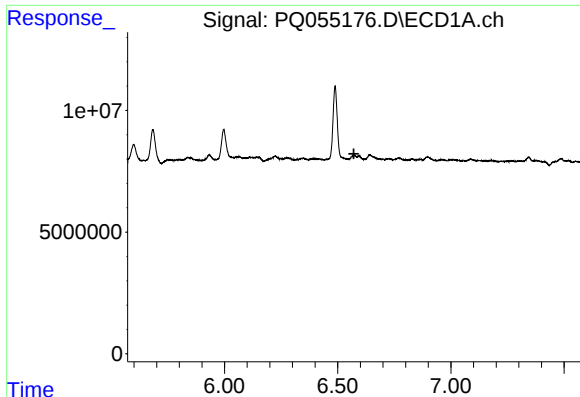
#2 Decachlorobiphenyl

R.T.: 11.443 min
Delta R.T.: -0.002 min
Response: 390418031
Conc: 24.75 ng/ml



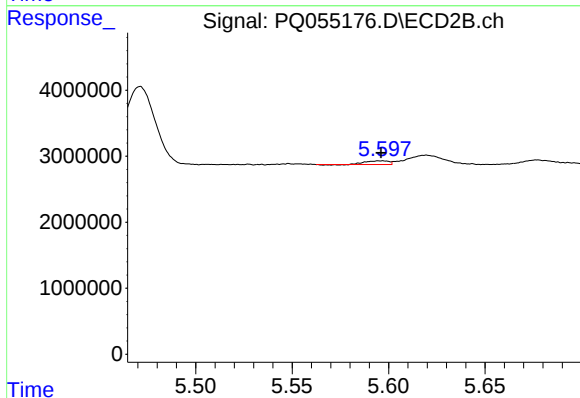
#2 Decachlorobiphenyl

R.T.: 9.730 min
Delta R.T.: 0.000 min
Response: 204095717
Conc: 22.79 ng/ml



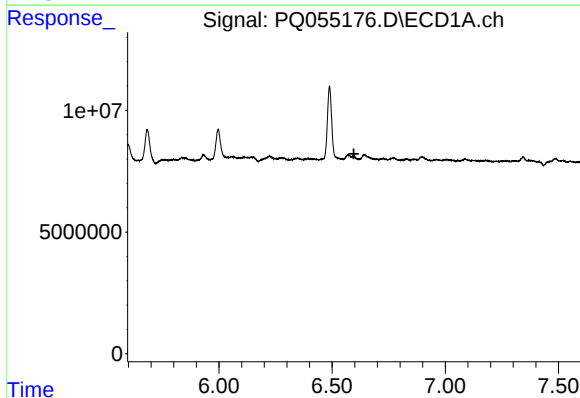
#3 AR-1016-1

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



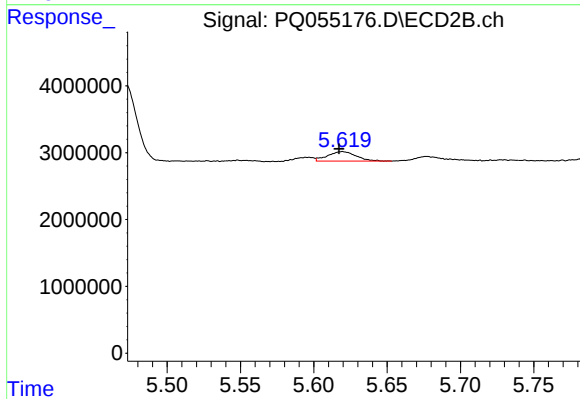
#3 AR-1016-1

R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 423897
Conc: 1.18 ng/ml



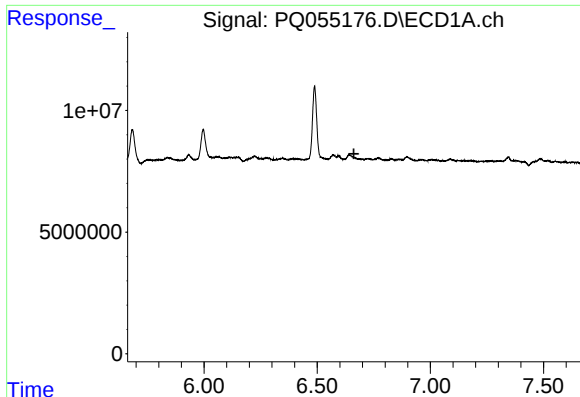
#4 AR-1016-2

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



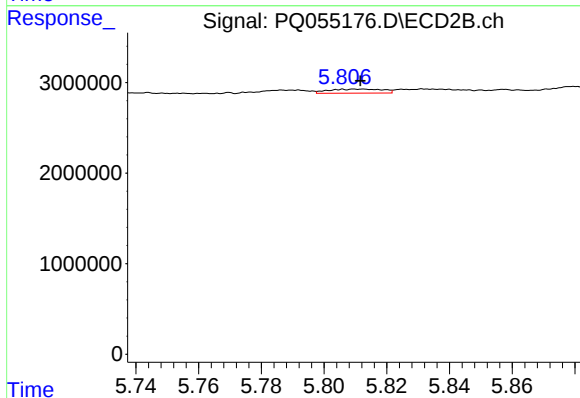
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.002 min
Response: 1897195
Conc: 3.69 ng/ml



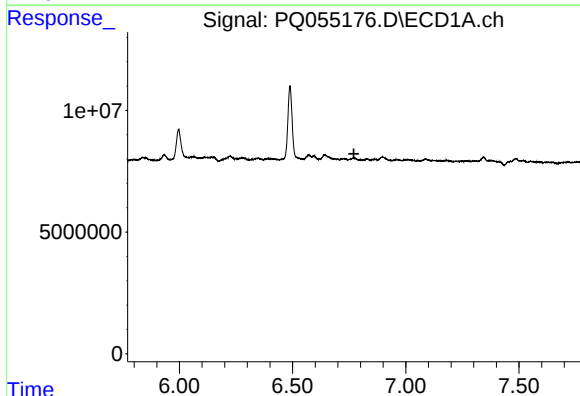
#5 AR-1016-3

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



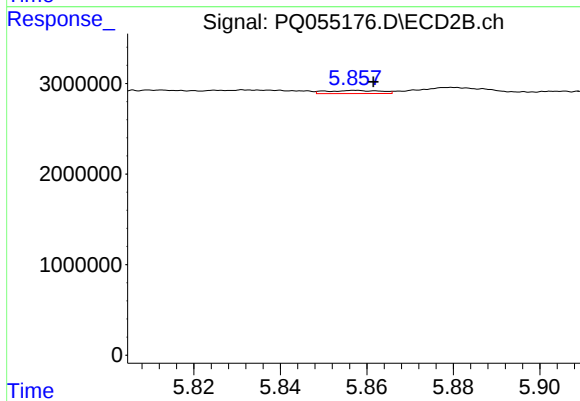
#5 AR-1016-3

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 540992
Conc: 2.02 ng/ml



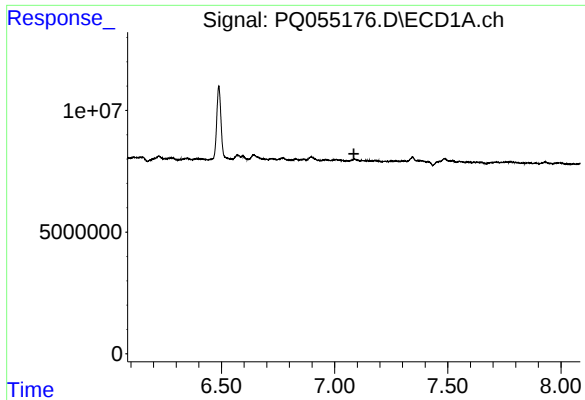
#6 AR-1016-4

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



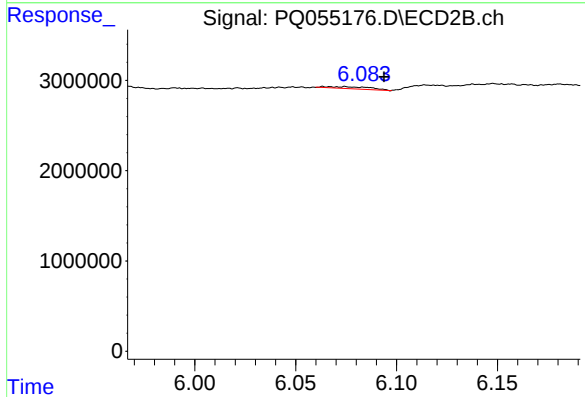
#6 AR-1016-4

R.T.: 5.857 min
Delta R.T.: -0.004 min
Response: 299380
Conc: 1.38 ng/ml



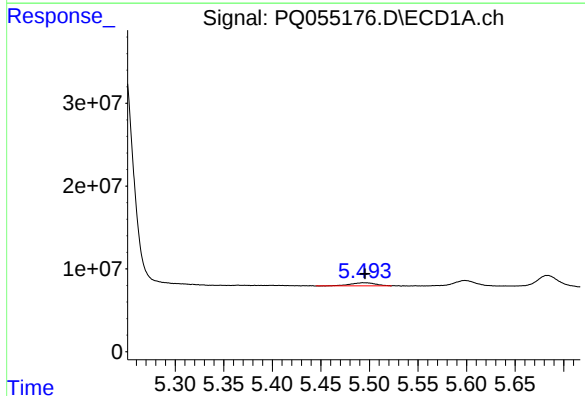
#7 AR-1016-5

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



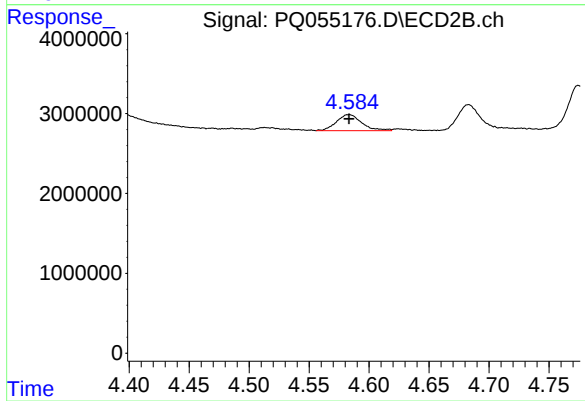
#7 AR-1016-5

R.T.: 6.075 min
Delta R.T.: -0.019 min
Response: 322670
Conc: 1.18 ng/ml



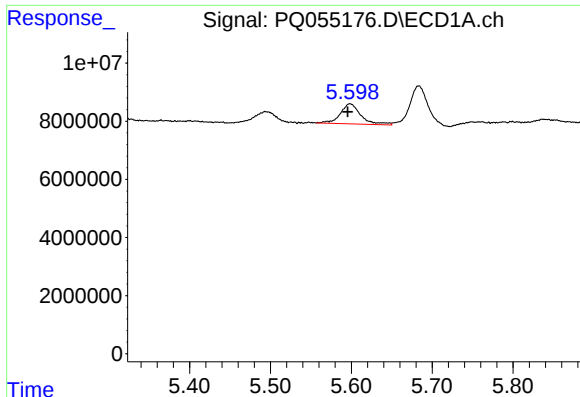
#8 AR-1221-1

R.T.: 5.493 min
Delta R.T.: -0.002 min
Response: 6791343
Conc: 32.58 ng/ml



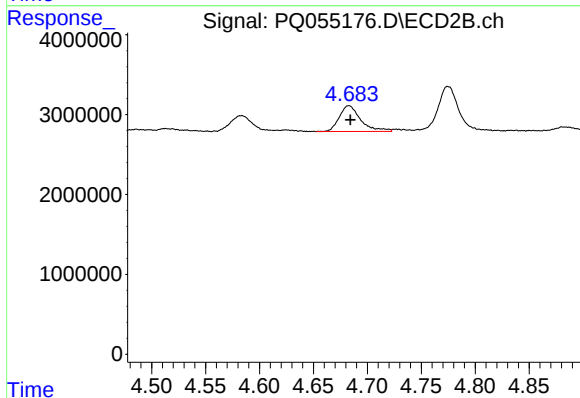
#8 AR-1221-1

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 2941780
Conc: 27.27 ng/ml



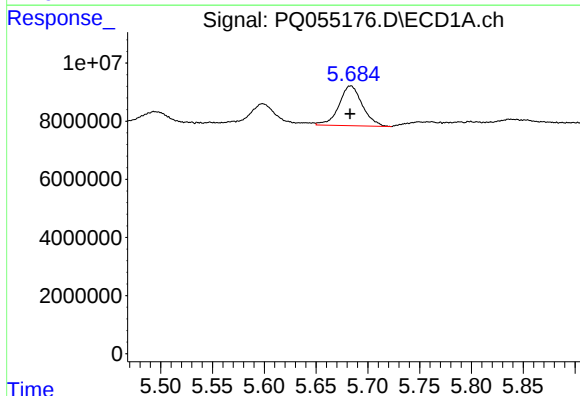
#9 AR-1221-2

R.T.: 5.598 min
Delta R.T.: 0.003 min
Response: 12158546
Conc: 69.48 ng/ml



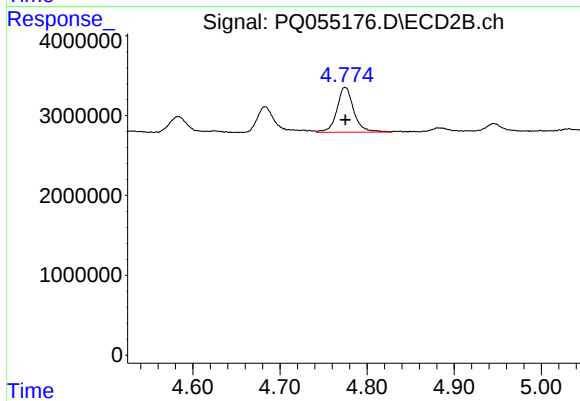
#9 AR-1221-2

R.T.: 4.683 min
Delta R.T.: -0.001 min
Response: 4475356
Conc: 57.75 ng/ml



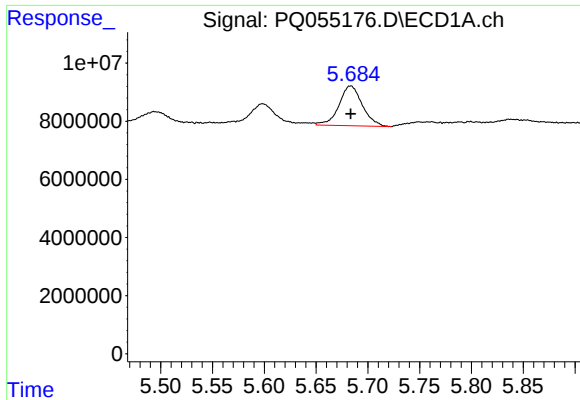
#10 AR-1221-3

R.T.: 5.684 min
Delta R.T.: 0.001 min
Response: 21539385
Conc: 47.89 ng/ml



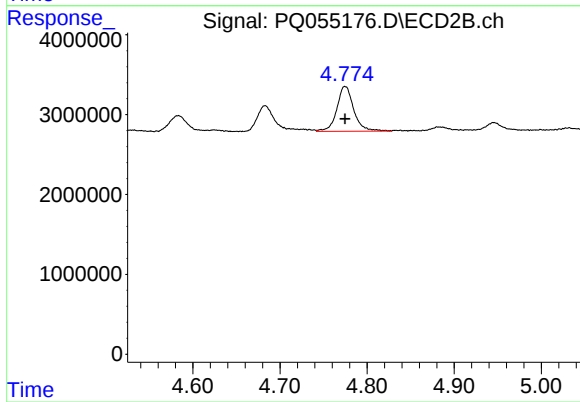
#10 AR-1221-3

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 7535989
Conc: 29.26 ng/ml



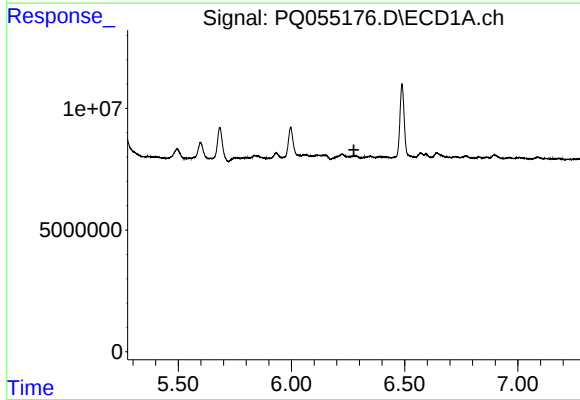
#11 AR-1232-1

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 21539385
Conc: 56.73 ng/ml



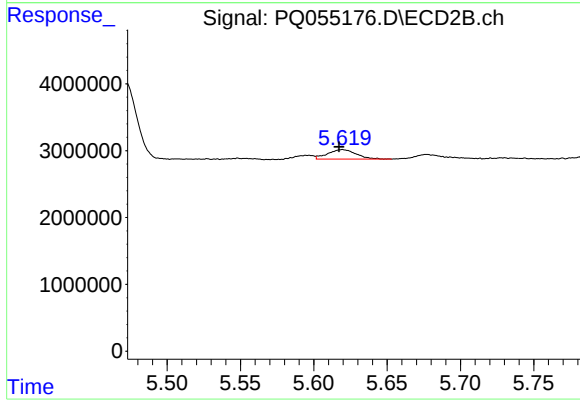
#11 AR-1232-1

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 7535989
Conc: 34.67 ng/ml



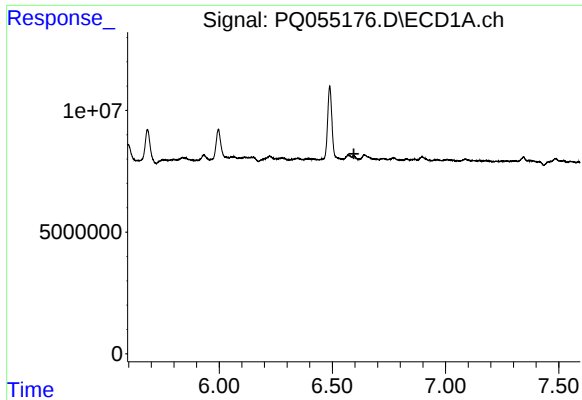
#12 AR-1232-2

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



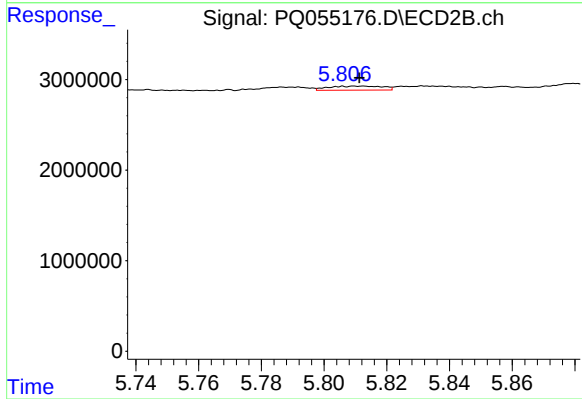
#12 AR-1232-2

R.T.: 5.620 min
Delta R.T.: 0.002 min
Response: 1897195
Conc: 9.01 ng/ml



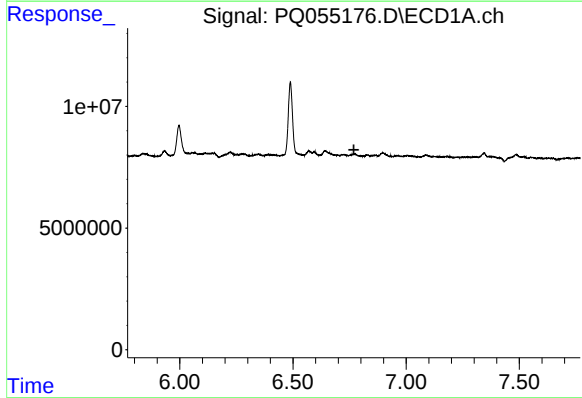
#13 AR-1232-3

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



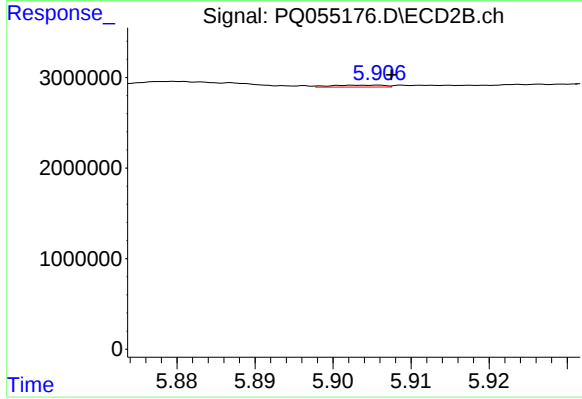
#13 AR-1232-3

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 540992
Conc: 4.93 ng/ml



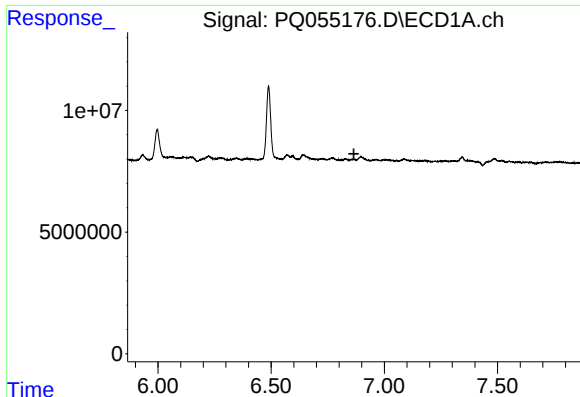
#14 AR-1232-4

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



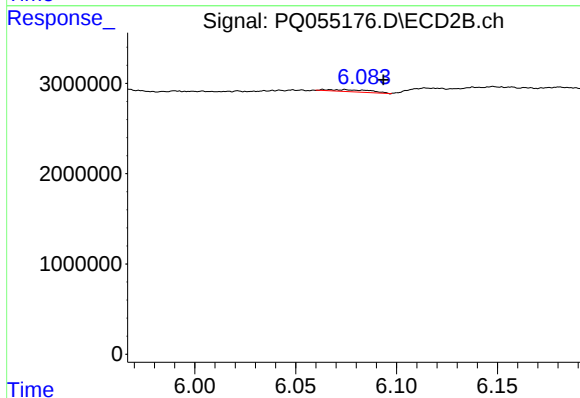
#14 AR-1232-4

R.T.: 5.904 min
Delta R.T.: -0.003 min
Response: 98803
Conc: 1.02 ng/ml



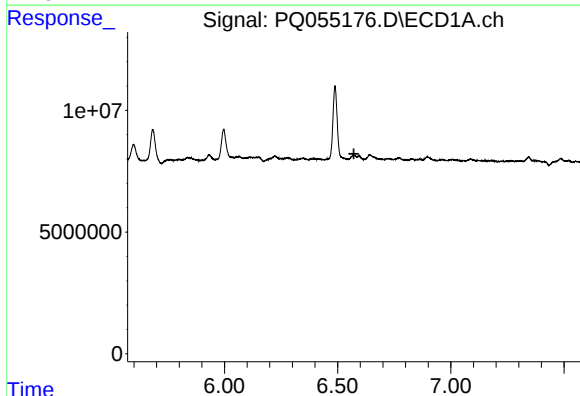
#15 AR-1232-5

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



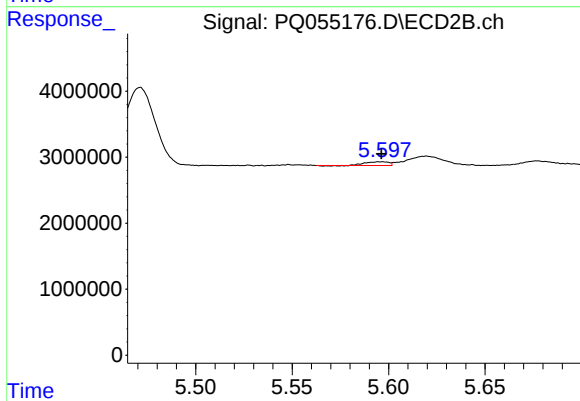
#15 AR-1232-5

R.T.: 6.075 min
Delta R.T.: -0.019 min
Response: 322670
Conc: 3.13 ng/ml



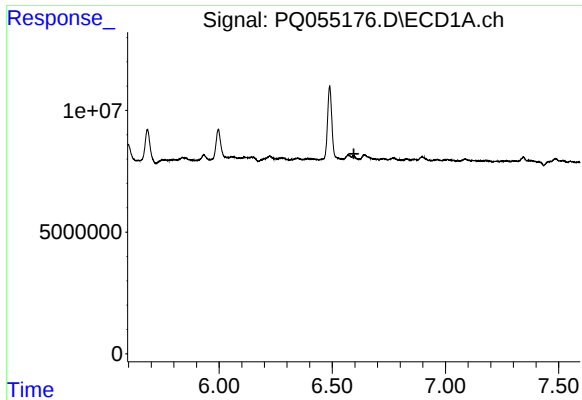
#16 AR-1242-1

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



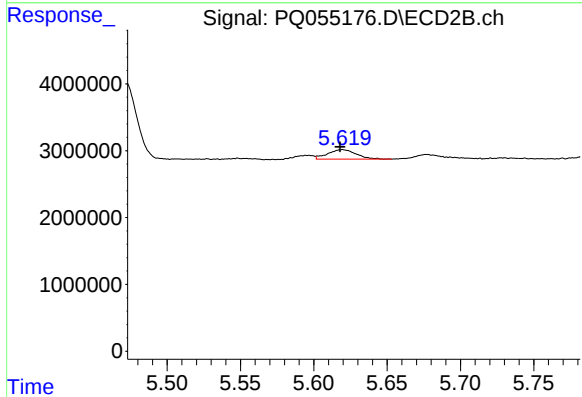
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 423897
Conc: 1.59 ng/ml



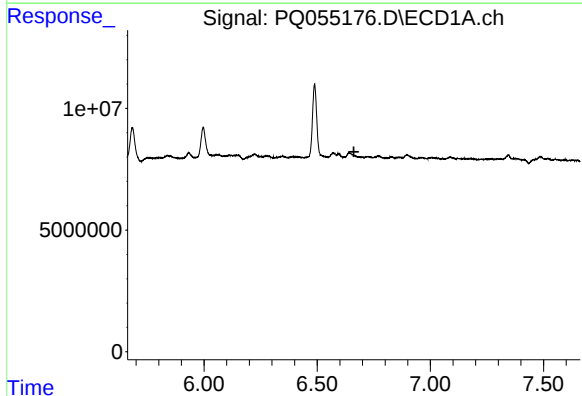
#17 AR-1242-2

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



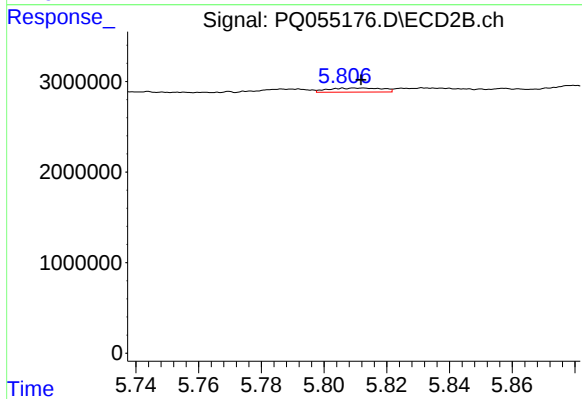
#17 AR-1242-2

R.T.: 5.620 min
Delta R.T.: 0.002 min
Response: 1897195
Conc: 4.90 ng/ml



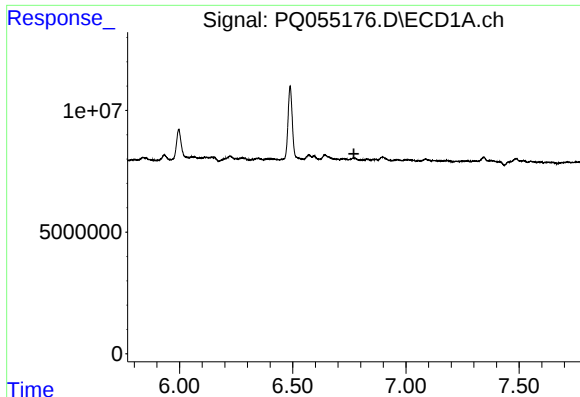
#18 AR-1242-3

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



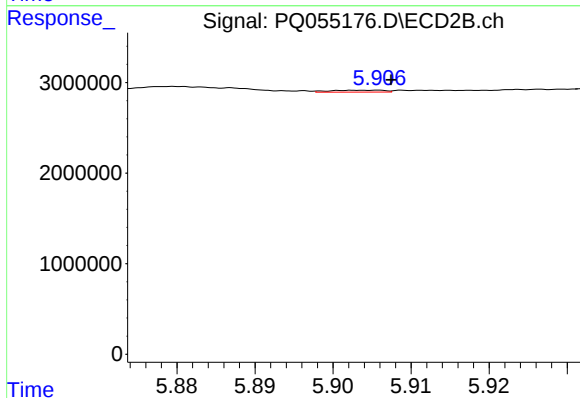
#18 AR-1242-3

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 540992
Conc: 2.68 ng/ml



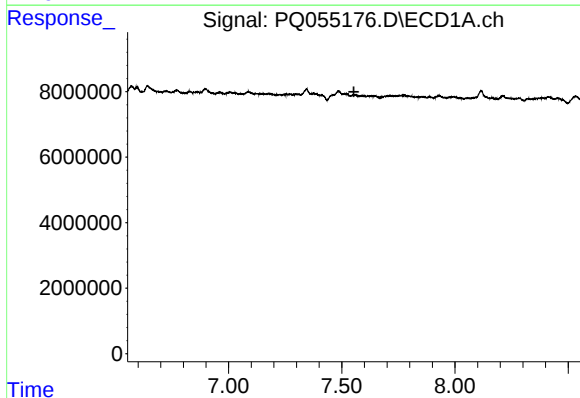
#19 AR-1242-4

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



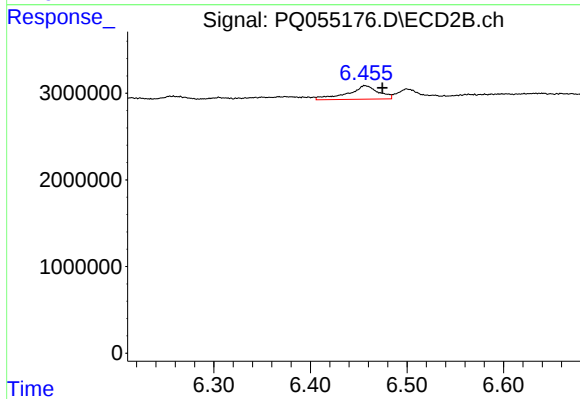
#19 AR-1242-4

R.T.: 5.904 min
Delta R.T.: -0.003 min
Response: 98803
Conc: 0.50 ng/ml



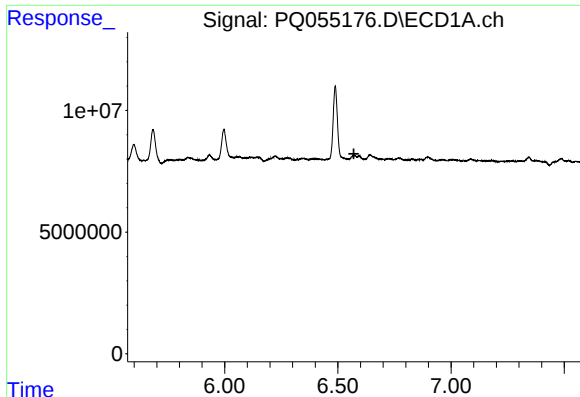
#20 AR-1242-5

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



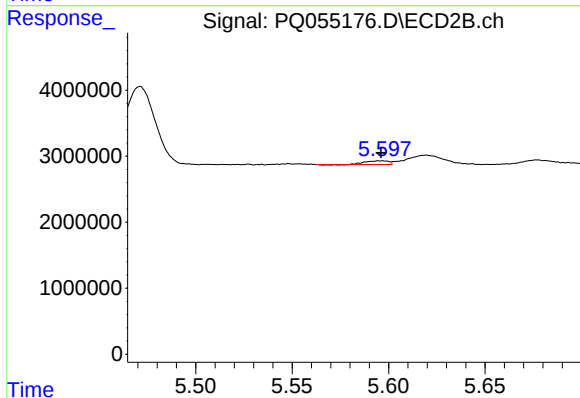
#20 AR-1242-5

R.T.: 6.457 min
Delta R.T.: -0.018 min
Response: 3474541
Conc: 13.78 ng/ml



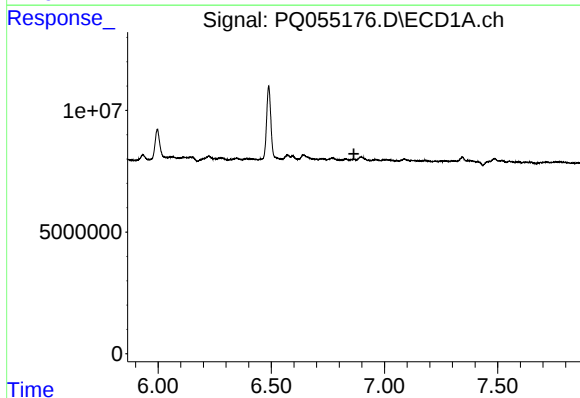
#21 AR-1248-1

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



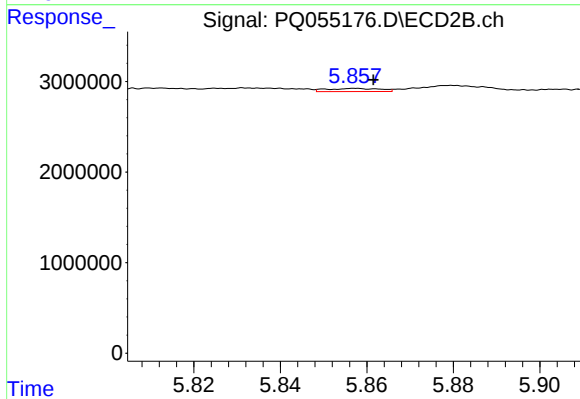
#21 AR-1248-1

R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 423897
Conc: 2.12 ng/ml



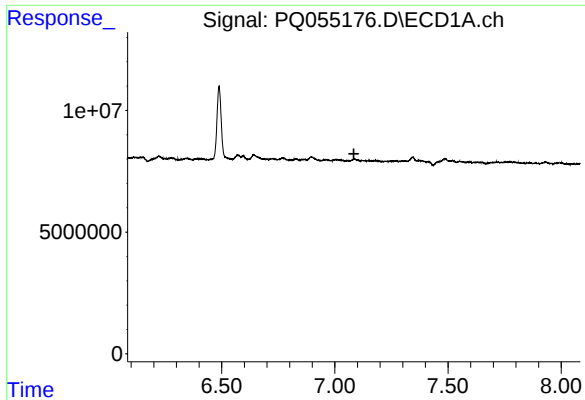
#22 AR-1248-2

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



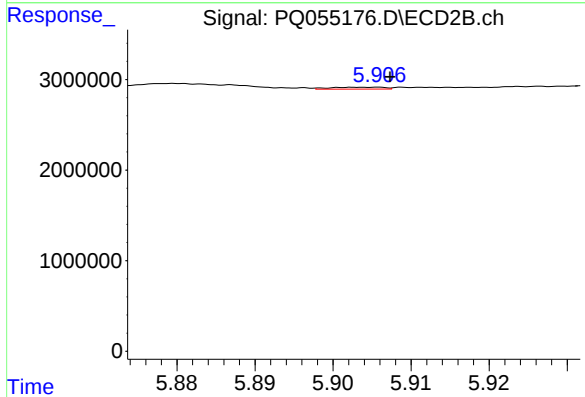
#22 AR-1248-2

R.T.: 5.857 min
Delta R.T.: -0.004 min
Response: 299380
Conc: 1.06 ng/ml



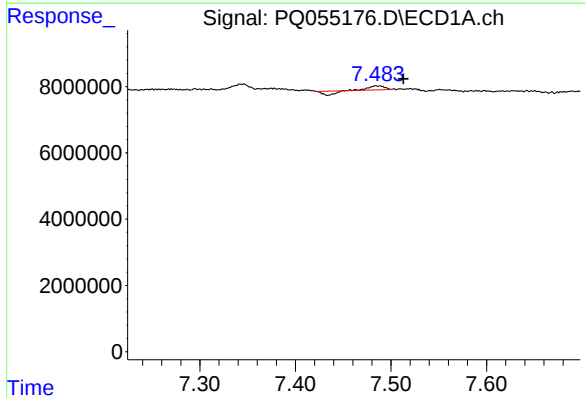
#23 AR-1248-3

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



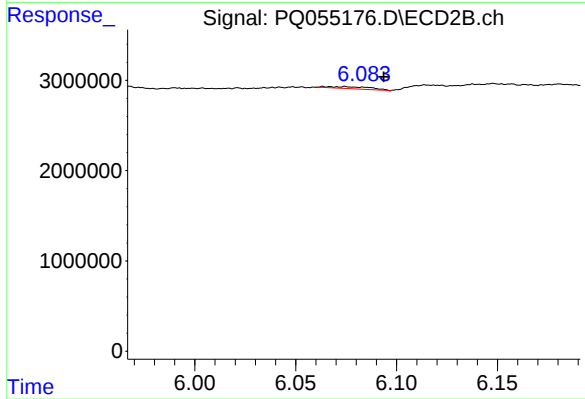
#23 AR-1248-3

R.T.: 5.904 min
Delta R.T.: -0.003 min
Response: 98803
Conc: 0.34 ng/ml



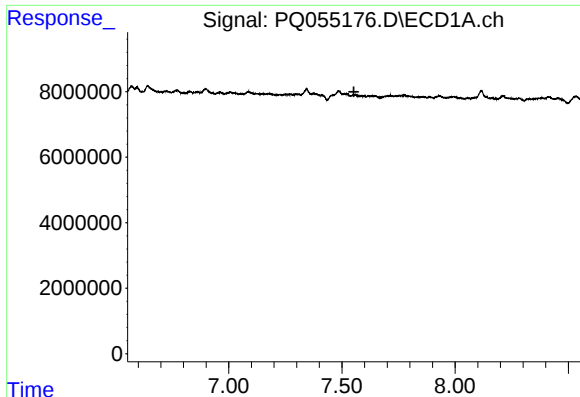
#24 AR-1248-4

R.T.: 7.484 min
Delta R.T.: -0.029 min
Response: 399599
Conc: 0.66 ng/ml



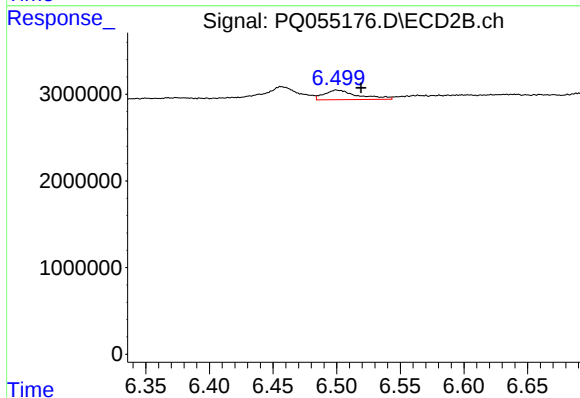
#24 AR-1248-4

R.T.: 6.075 min
Delta R.T.: -0.019 min
Response: 322670
Conc: 0.93 ng/ml



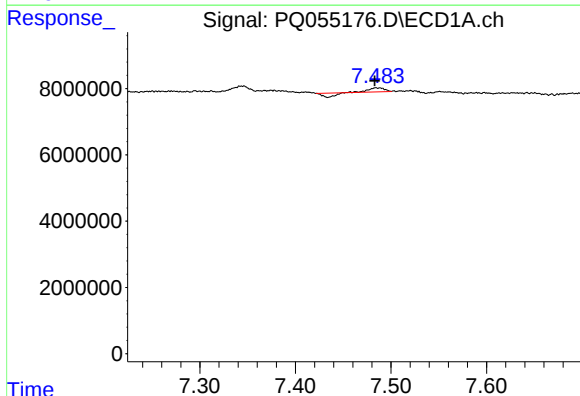
#25 AR-1248-5

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



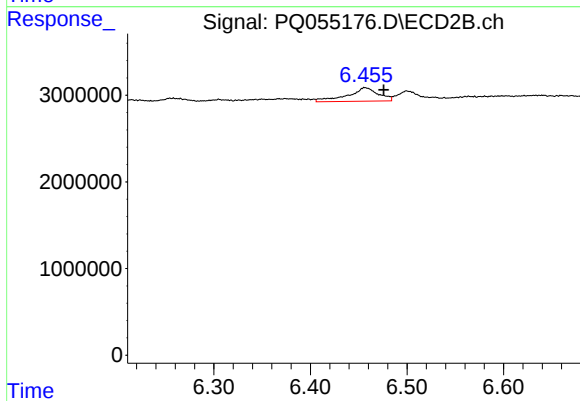
#25 AR-1248-5

R.T.: 6.500 min
Delta R.T.: -0.019 min
Response: 2076529
Conc: 5.97 ng/ml



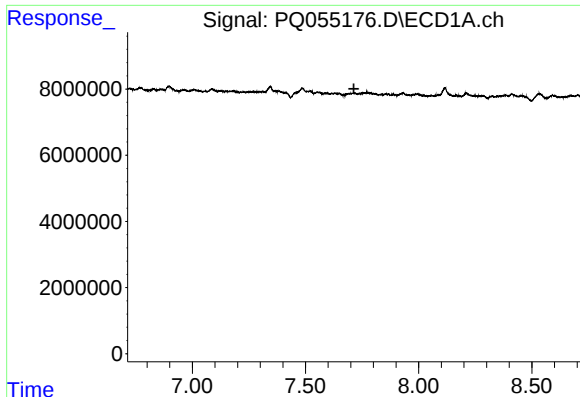
#26 AR-1254-1

R.T.: 7.484 min
Delta R.T.: 0.001 min
Response: 399599
Conc: 0.68 ng/ml



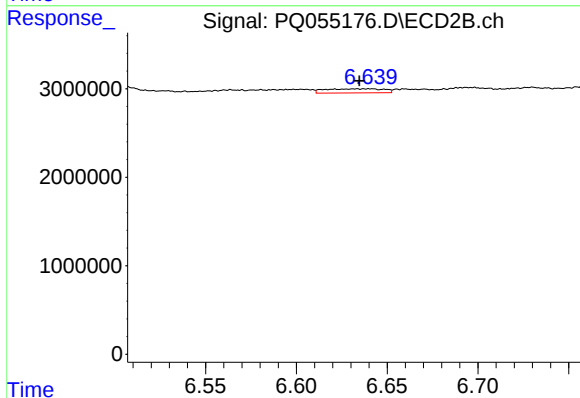
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: -0.020 min
Response: 3474541
Conc: 6.28 ng/ml



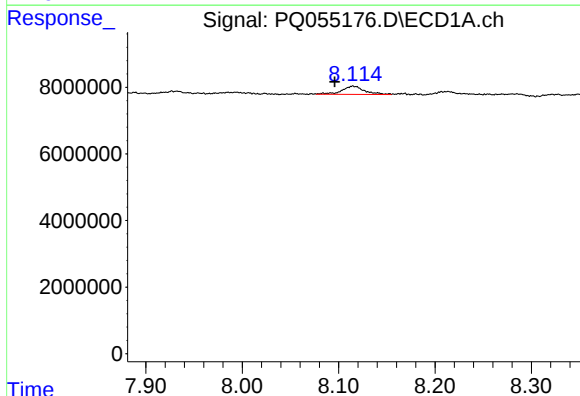
#27 AR-1254-2

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



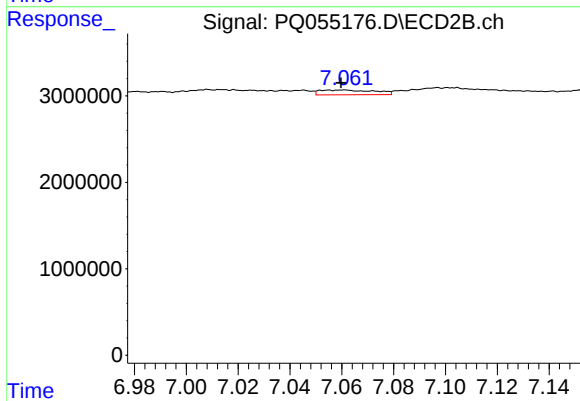
#27 AR-1254-2

R.T.: 6.641 min
Delta R.T.: 0.007 min
Response: 1034872
Conc: 2.19 ng/ml



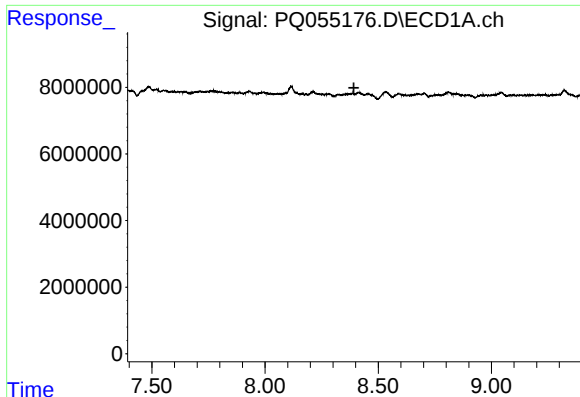
#28 AR-1254-3

R.T.: 8.115 min
Delta R.T.: 0.019 min
Response: 3955365
Conc: 3.89 ng/ml



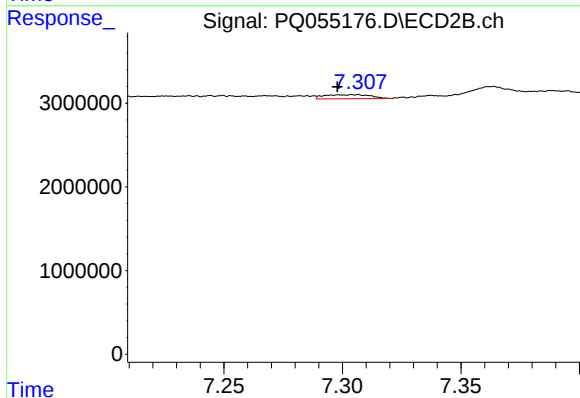
#28 AR-1254-3

R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 813245
Conc: 1.04 ng/ml



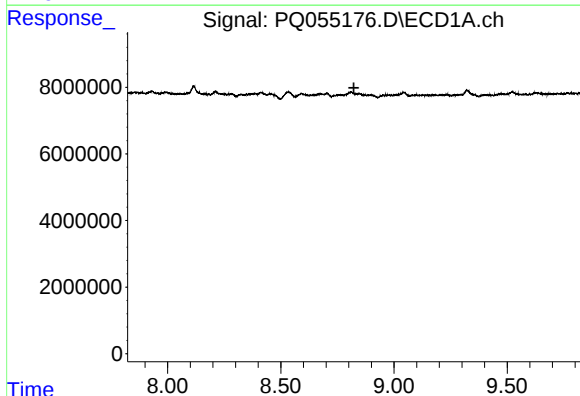
#29 AR-1254-4

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



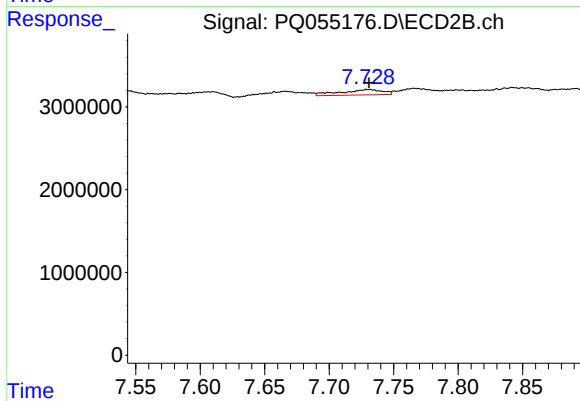
#29 AR-1254-4

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 665637
Conc: 1.40 ng/ml



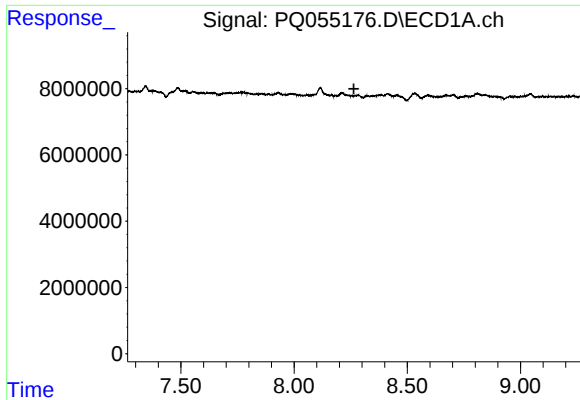
#30 AR-1254-5

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



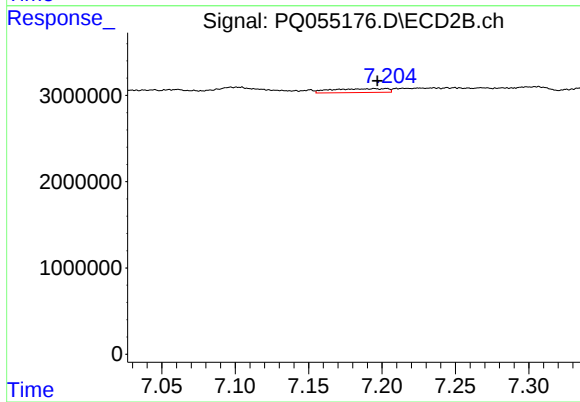
#30 AR-1254-5

R.T.: 7.731 min
Delta R.T.: 0.000 min
Response: 1505706
Conc: 2.25 ng/ml



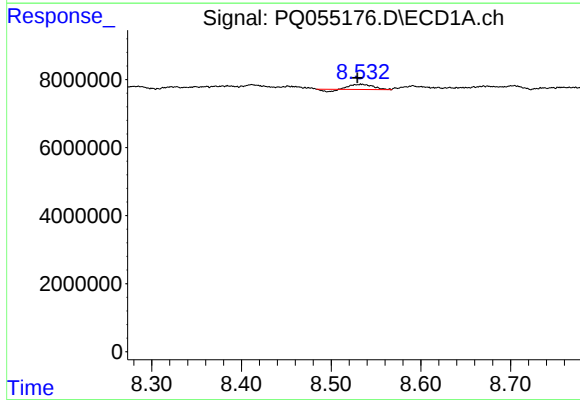
#31 AR-1260-1

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



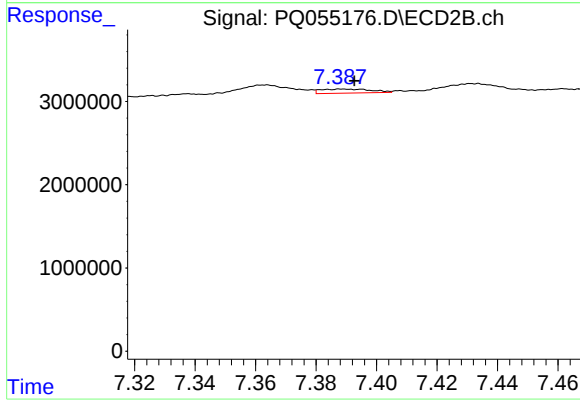
#31 AR-1260-1

R.T.: 7.203 min
Delta R.T.: 0.006 min
Response: 1160408
Conc: 2.32 ng/ml



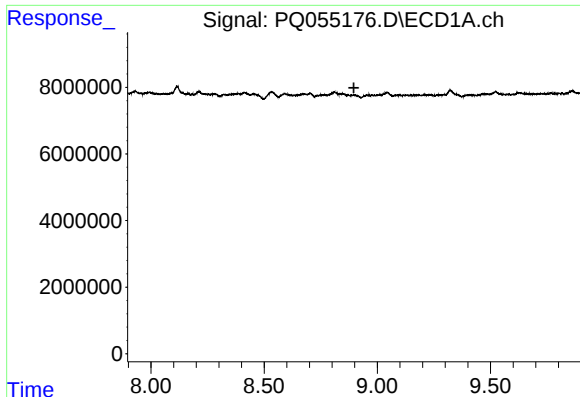
#32 AR-1260-2

R.T.: 8.535 min
Delta R.T.: 0.006 min
Response: 2230054
Conc: 2.69 ng/ml



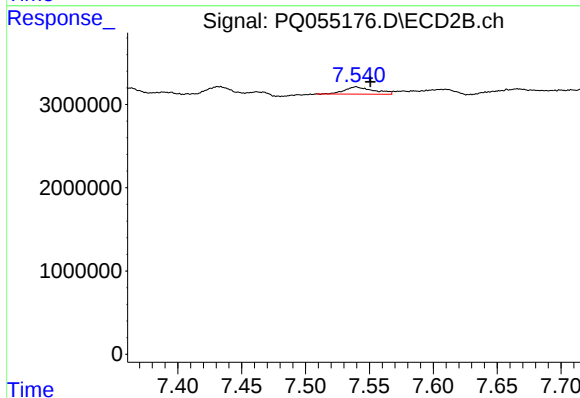
#32 AR-1260-2

R.T.: 7.389 min
Delta R.T.: -0.004 min
Response: 565305
Conc: 0.93 ng/ml



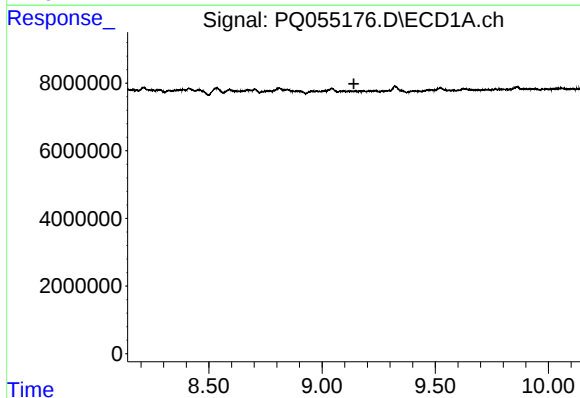
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.897 min
Response: 0
Conc: N.D.



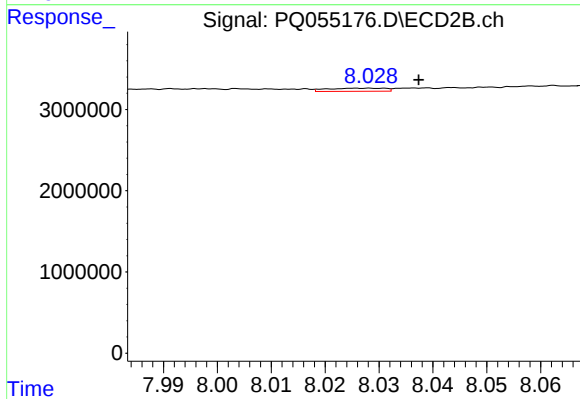
#33 AR-1260-3

R.T.: 7.540 min
Delta R.T.: -0.011 min
Response: 1384779
Conc: 2.42 ng/ml



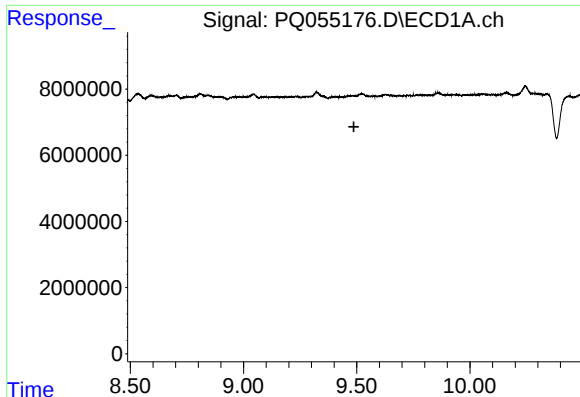
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.140 min
Response: 0
Conc: N.D.



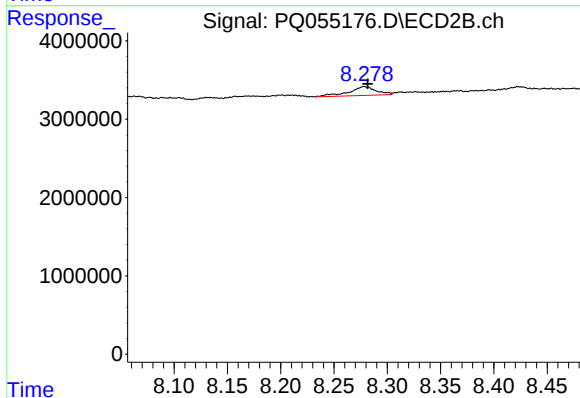
#34 AR-1260-4

R.T.: 8.028 min
Delta R.T.: -0.009 min
Response: 290953
Conc: 0.61 ng/ml



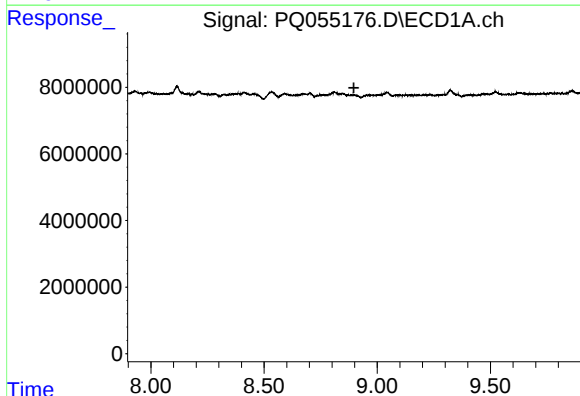
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 9.488 min
Response: 0
Conc: N.D.



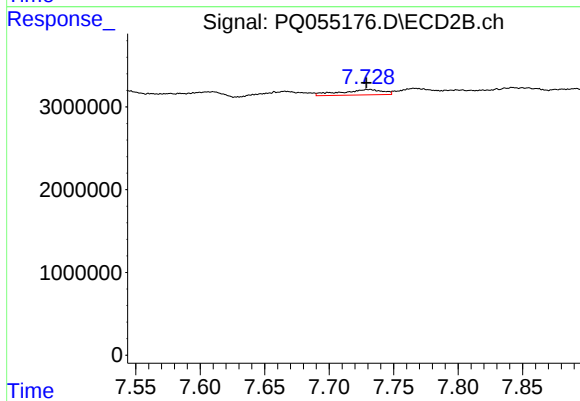
#35 AR-1260-5

R.T.: 8.278 min
Delta R.T.: -0.003 min
Response: 2047678
Conc: 1.77 ng/ml



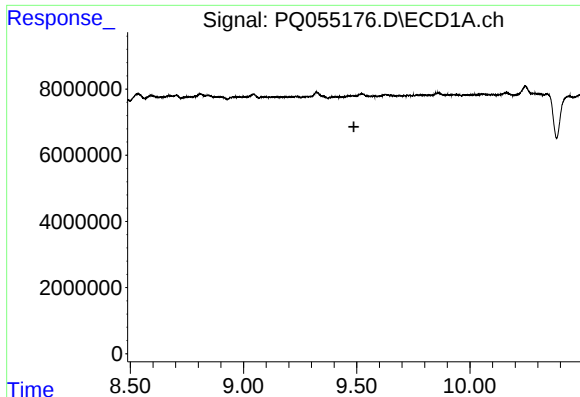
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.897 min
Response: 0
Conc: N.D.



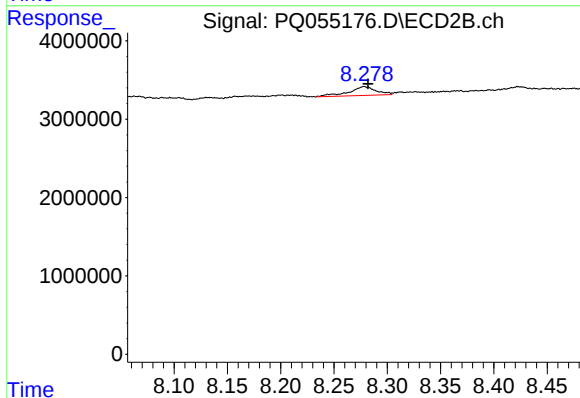
#36 AR-1262-1

R.T.: 7.731 min
Delta R.T.: 0.002 min
Response: 1505706
Conc: 4.43 ng/ml



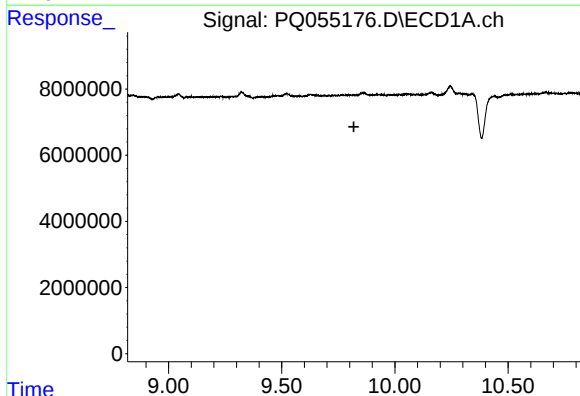
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 9.487 min
Response: 0
Conc: N.D.



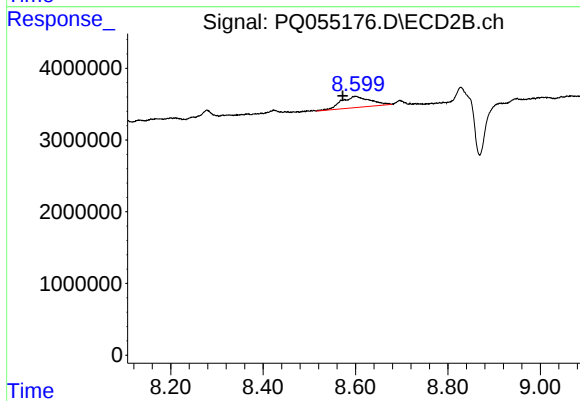
#37 AR-1262-2

R.T.: 8.278 min
Delta R.T.: -0.004 min
Response: 2047678
Conc: 1.66 ng/ml



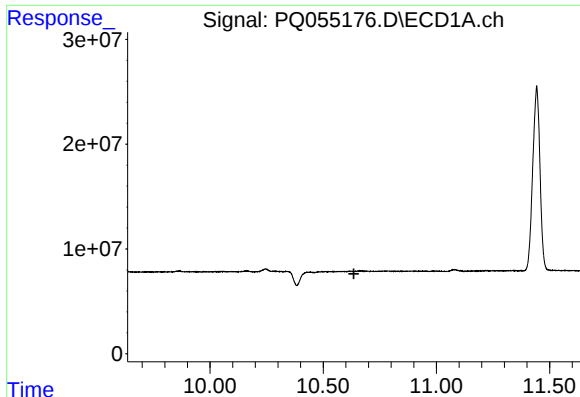
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.819 min
Response: 0
Conc: N.D.



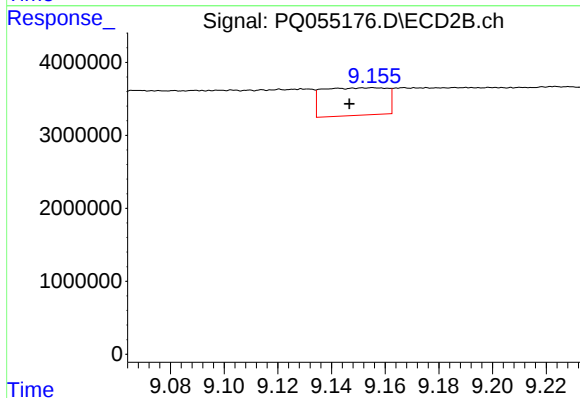
#38 AR-1262-3

R.T.: 8.600 min
Delta R.T.: 0.028 min
Response: 6800360
Conc: 14.71 ng/ml



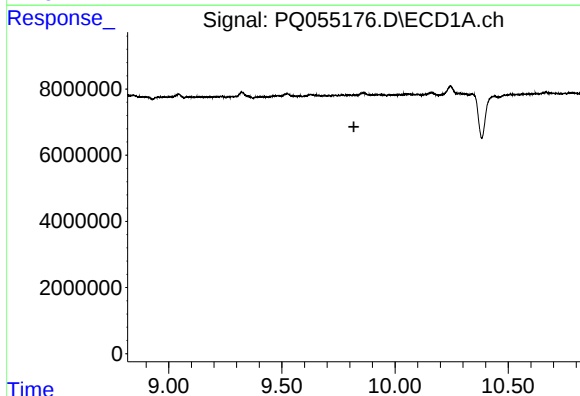
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.635 min
Response: 0
Conc: N.D.



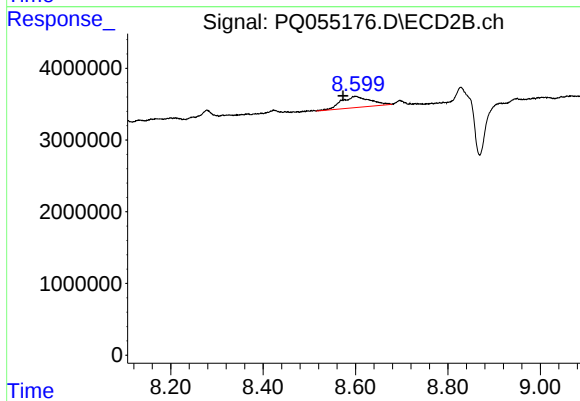
#40 AR-1262-5

R.T.: 9.156 min
Delta R.T.: 0.009 min
Response: 6271105
Conc: 15.62 ng/ml



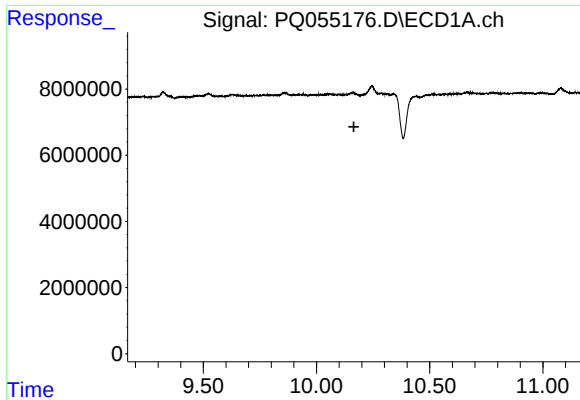
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.818 min
Response: 0
Conc: N.D.



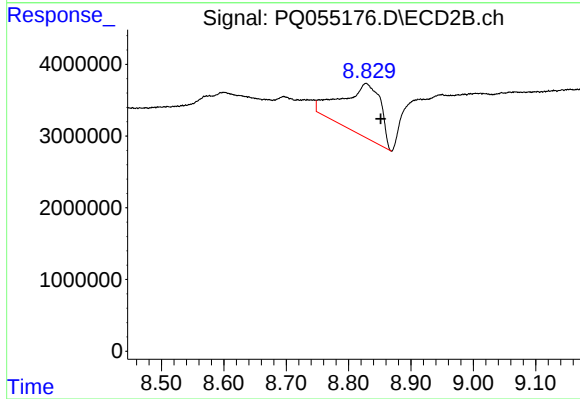
#41 AR-1268-1

R.T.: 8.600 min
Delta R.T.: 0.027 min
Response: 6800360
Conc: 4.81 ng/ml



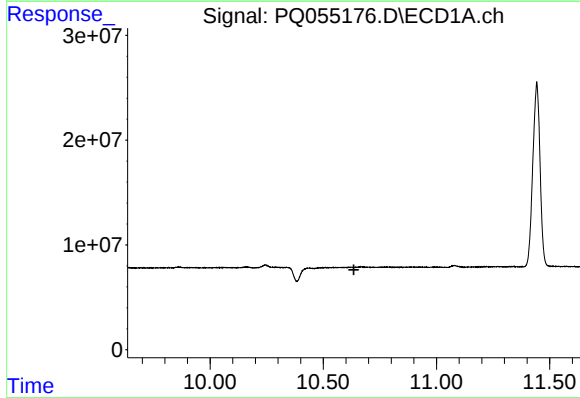
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.165 min
Response: 0
Conc: N.D.



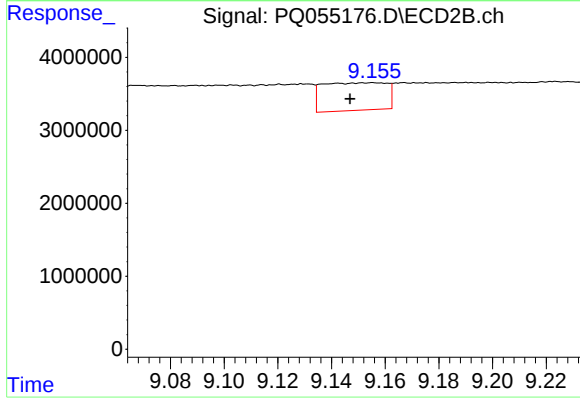
#43 AR-1268-3

R.T.: 8.828 min
Delta R.T.: -0.023 min
Response: 31357332
Conc: 28.66 ng/ml



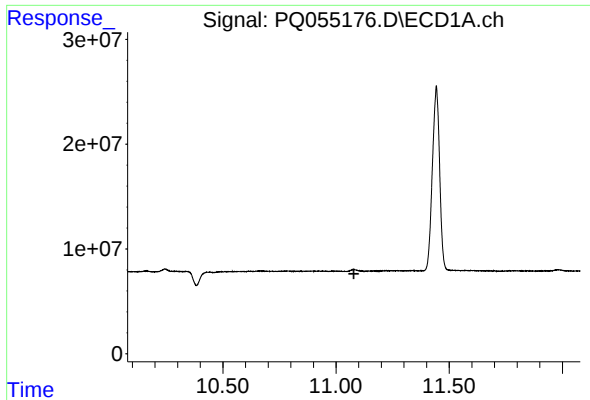
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.635 min
Response: 0
Conc: N.D.



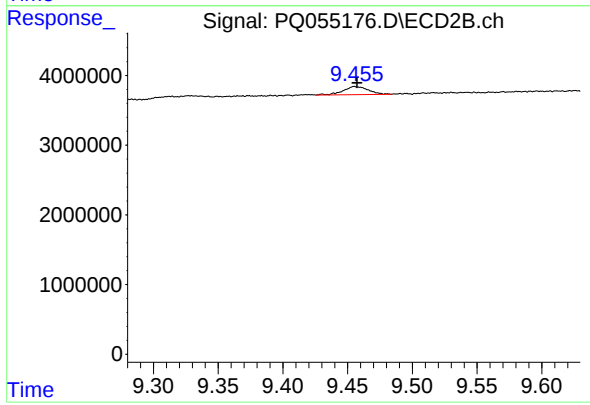
#44 AR-1268-4

R.T.: 9.156 min
Delta R.T.: 0.009 min
Response: 6271105
Conc: 13.88 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.079 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.455 min
Delta R.T.: -0.002 min
Response: 1546774
Conc: 0.44 ng/ml