

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112921\
 Data File : PQ055190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 02:55
 Operator : AJ\MA
 Sample : M4068-07
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 06:35:38 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	4.323	427.1E6	248.8E6	24.295	24.195
2)	SA Decachlor...	11.438	9.730	423.2E6	224.1E6	26.832	25.033
Target Compounds							
3)	L1 AR-1016-1	6.569	5.594	11382077	5961713	19.304	16.630
4)	L1 AR-1016-2	6.595	5.615	13386200	6323345	14.891	12.283
5)	L1 AR-1016-3	6.660	5.810	7307356	4454564	13.013	16.634 #
6)	L1 AR-1016-4	6.767	5.860	9292730	9050293	19.461	41.721 #
7)	L1 AR-1016-5	7.084	6.091	17461769	9735653	40.061	35.564
8)	L2 AR-1221-1	0.000	4.595	0	408328	N.D.	3.786 #
9)	L2 AR-1221-2	5.602	4.682	7600343	3440108	43.435	44.392
10)	L2 AR-1221-3	5.691	4.775	5543333	281216	12.326	1.092 #
11)	L3 AR-1232-1	5.691	4.775	5543333	281216	14.600	1.294 #
12)	L3 AR-1232-2	6.276	5.615	15814179	6323345	79.200	30.014 #
13)	L3 AR-1232-3	6.595	5.810	13386200	4454564	35.145	40.588
14)	L3 AR-1232-4	6.767	5.905	9292730	8896509	45.381	91.647 #
15)	L3 AR-1232-5	6.864	6.091	17951853	9735653	129.108	94.461 #
16)	L4 AR-1242-1	6.569	5.594	11382077	5961713	26.031	22.379
17)	L4 AR-1242-2	6.595	5.615	13386200	6323345	19.937	16.326
18)	L4 AR-1242-3	6.660	5.810	7307356	4454564	17.276	22.090 #
19)	L4 AR-1242-4	6.767	5.905	9292730	8896509	26.072	45.444 #
20)	L4 AR-1242-5	7.553	6.472	19698098	15085719	53.928	59.828
21)	L5 AR-1248-1	6.569	5.594	11382077	5961713	33.467	29.786
22)	L5 AR-1248-2	6.864	5.860	17951853	9050293	39.170	32.188
23)	L5 AR-1248-3	7.084	5.905	17461769	8896509	32.378	30.408
24)	L5 AR-1248-4	7.512	6.091	21381791	9735653	35.237	27.968
25)	L5 AR-1248-5	7.553	6.516	19698098	10300427	32.185	29.602
26)	L6 AR-1254-1	7.482	6.472	19244147	15085719	32.781	27.274
27)	L6 AR-1254-2	7.718	6.632	20315574	6166469	22.415	13.031 #
28)	L6 AR-1254-3	8.095	7.058	11732004	7930064	11.526	10.101
29)	L6 AR-1254-4	8.390	7.297	8928037	6066218	11.867	12.714
30)	L6 AR-1254-5	8.820	7.730	9804296	3071671	12.077	4.592 #
31)	L7 AR-1260-1	0.000	7.208	0	6300106	N.D.	12.569 #
32)	L7 AR-1260-2	8.529	7.392	5976789	2582527	7.202	4.271 #
33)	L7 AR-1260-3	0.000	7.544	0	2509395	N.D.	4.394 #
34)	L7 AR-1260-4	0.000	8.036	0	1168885	N.D.	2.467 #
35)	L7 AR-1260-5	0.000	8.278	0	3738523	N.D.	3.237 #
36)	L8 AR-1262-1	0.000	7.730	0	3071671	N.D.	9.031 #
37)	L8 AR-1262-2	0.000	8.278	0	3738523	N.D.	3.033 #
38)	L8 AR-1262-3	0.000	8.595f	0	7059141	N.D.	15.273 #
39)	L8 AR-1262-4	0.000	8.628	0	3113314	N.D.	3.488 #
40)	L8 AR-1262-5	0.000	9.151	0	13094434	N.D.	32.607 #
41)	L9 AR-1268-1	0.000	8.595f	0	7059141	N.D.	4.989 #

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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

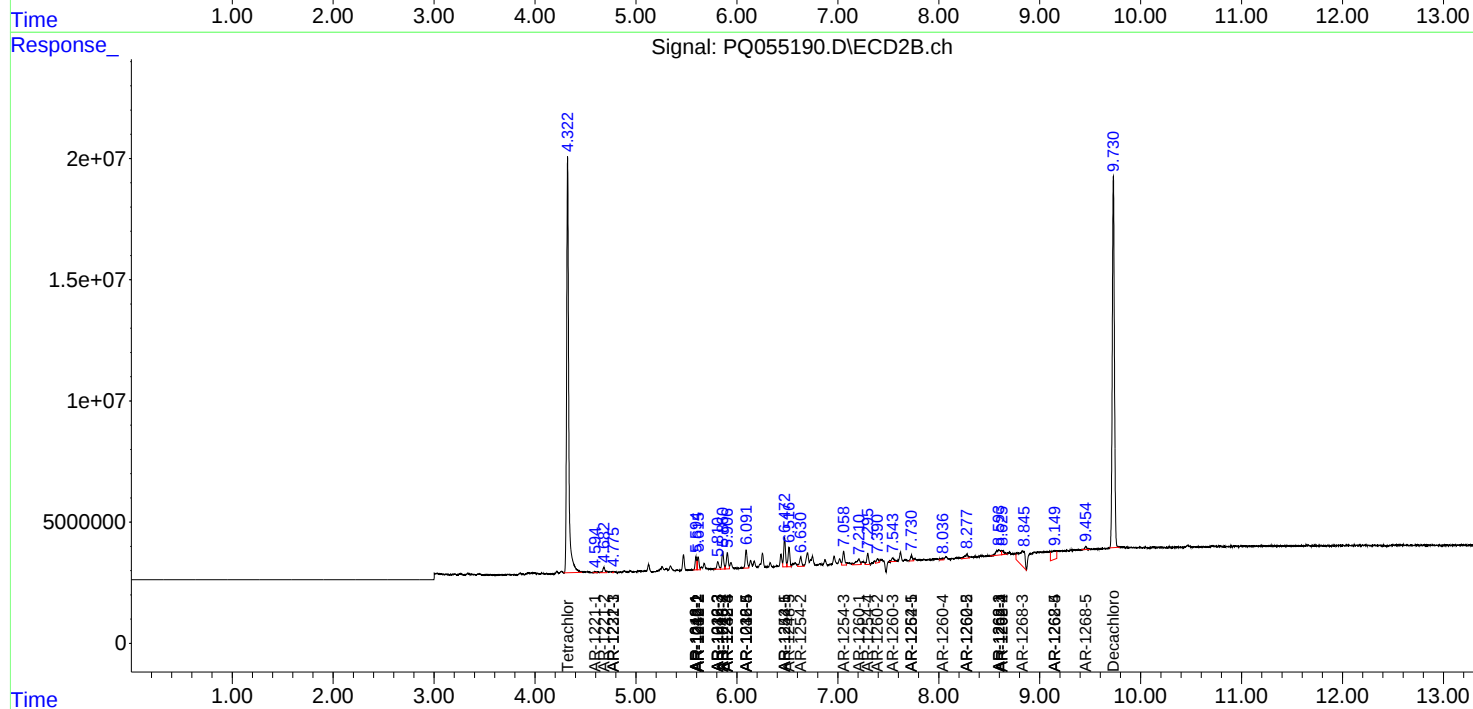
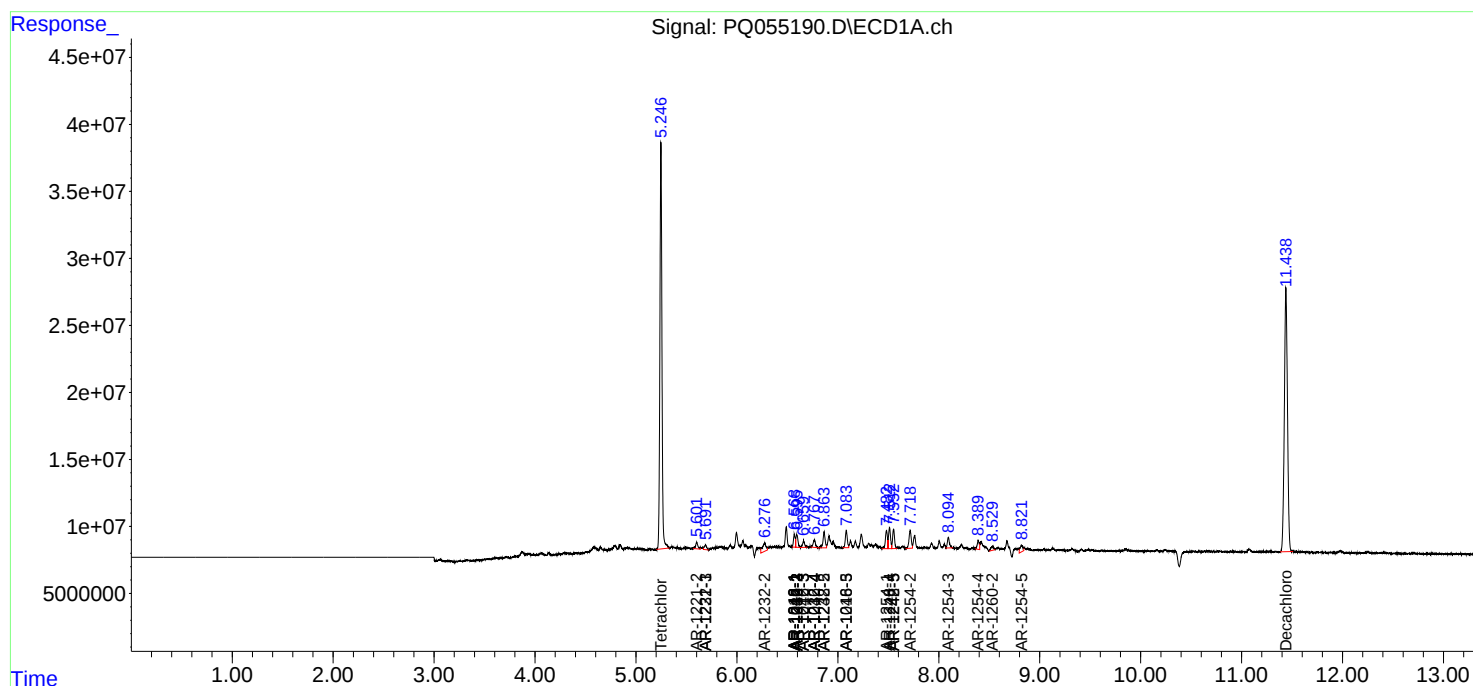
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	8.628	0	3113314	N.D.	2.389 #
43) L9	AR-1268-3	0.000	8.829f	0	26573320	N.D.	24.291 #
44) L9	AR-1268-4	0.000	9.151	0	13094434	N.D.	28.985 #
45) L9	AR-1268-5	0.000	9.456	0	1722815	N.D.	0.487 #

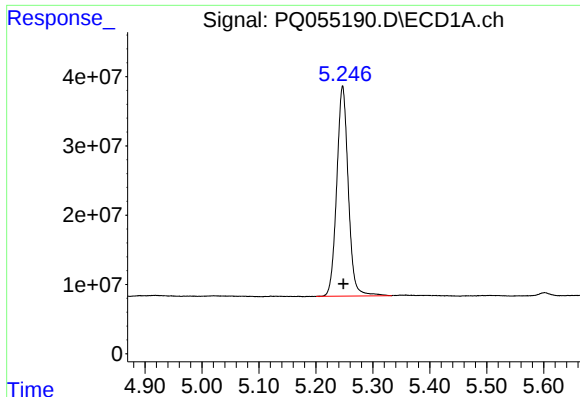
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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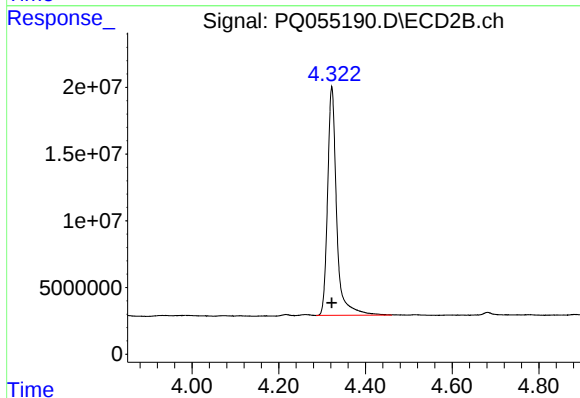
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





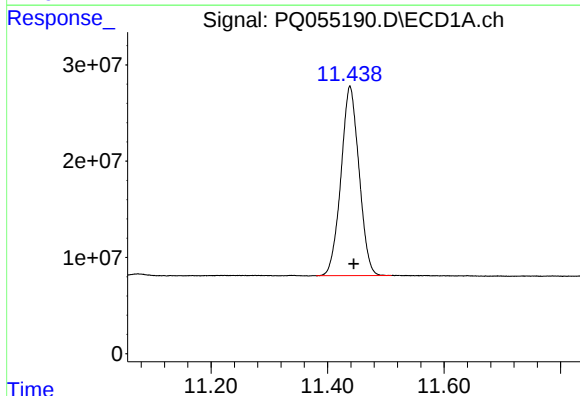
#1 Tetrachloro-m-xylene

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 427148849
Conc: 24.29 ng/ml



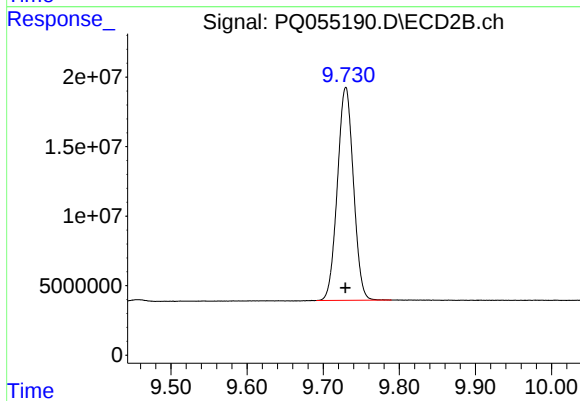
#1 Tetrachloro-m-xylene

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 248805713
Conc: 24.20 ng/ml



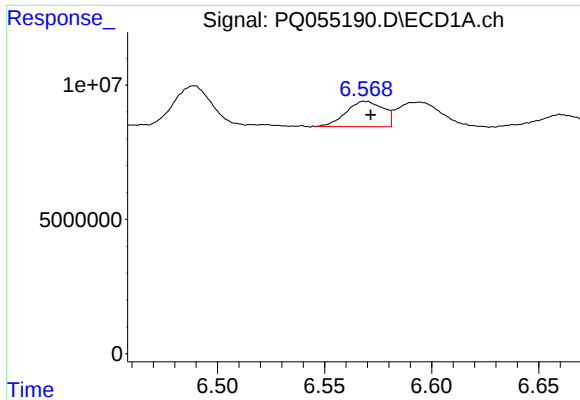
#2 Decachlorobiphenyl

R.T.: 11.438 min
Delta R.T.: -0.007 min
Response: 423217254
Conc: 26.83 ng/ml



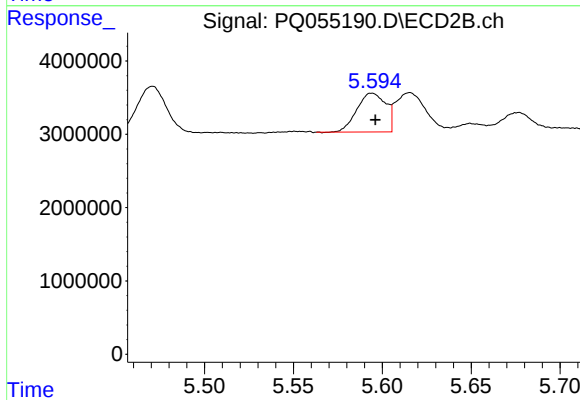
#2 Decachlorobiphenyl

R.T.: 9.730 min
Delta R.T.: 0.000 min
Response: 224145155
Conc: 25.03 ng/ml



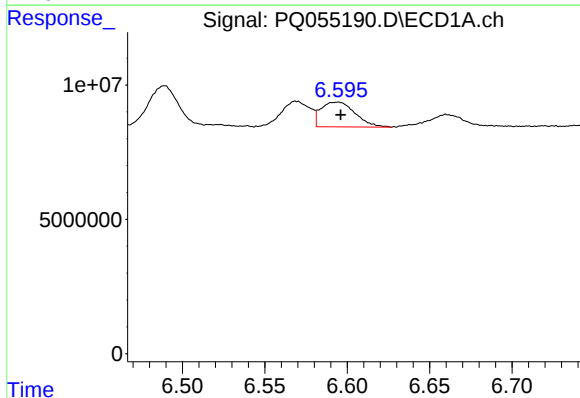
#3 AR-1016-1

R.T.: 6.569 min
Delta R.T.: -0.003 min
Response: 11382077
Conc: 19.30 ng/ml



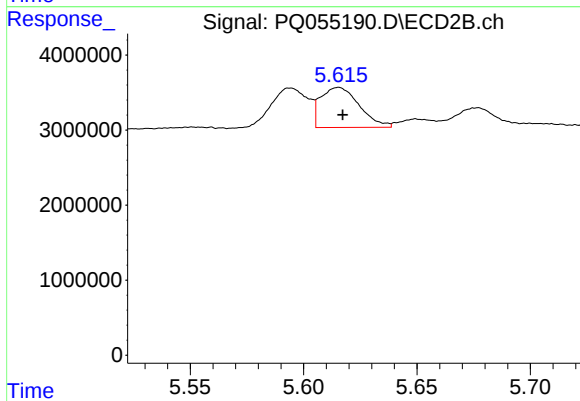
#3 AR-1016-1

R.T.: 5.594 min
Delta R.T.: -0.002 min
Response: 5961713
Conc: 16.63 ng/ml



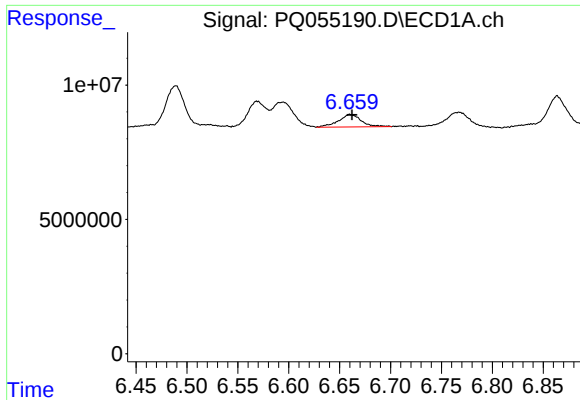
#4 AR-1016-2

R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 13386200
Conc: 14.89 ng/ml



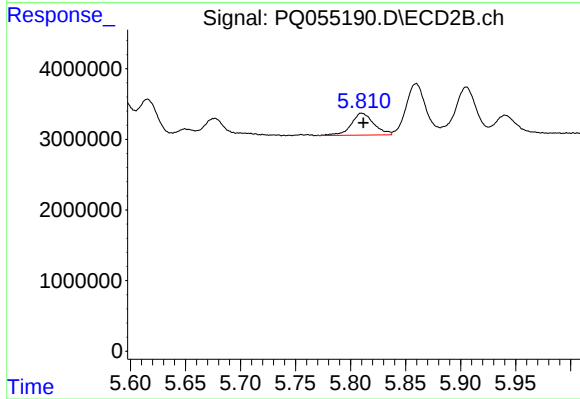
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 6323345
Conc: 12.28 ng/ml



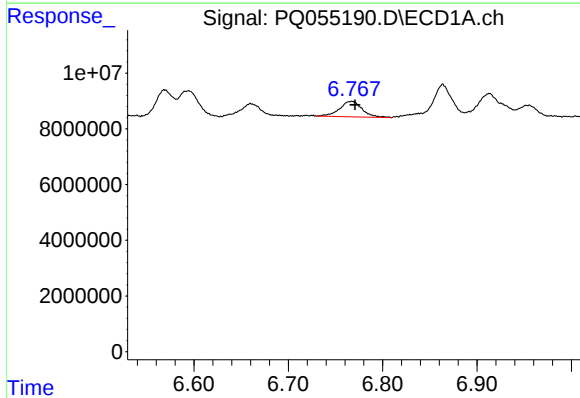
#5 AR-1016-3

R.T.: 6.660 min
Delta R.T.: -0.002 min
Response: 7307356
Conc: 13.01 ng/ml



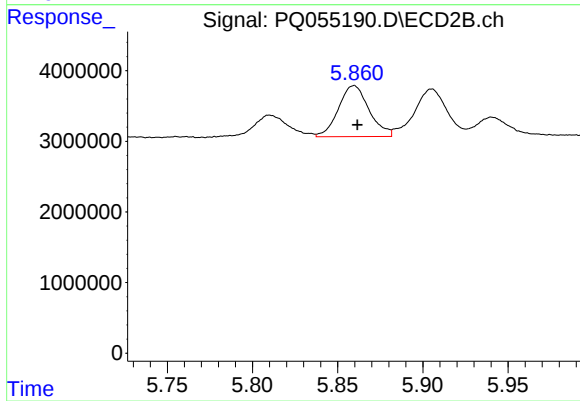
#5 AR-1016-3

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 4454564
Conc: 16.63 ng/ml



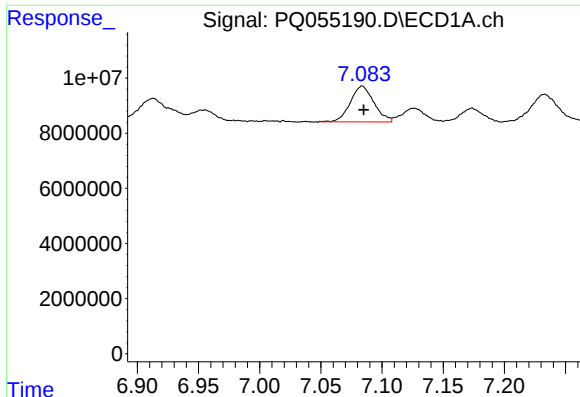
#6 AR-1016-4

R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 9292730
Conc: 19.46 ng/ml



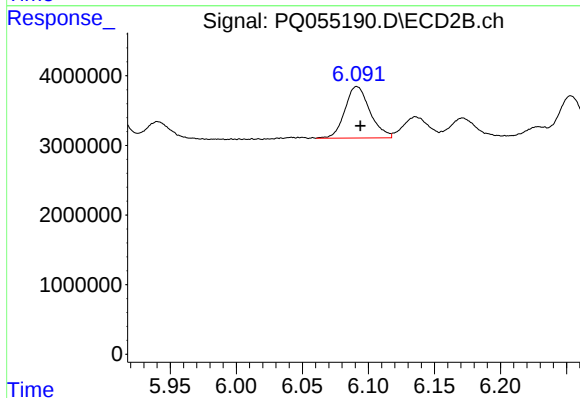
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 9050293
Conc: 41.72 ng/ml



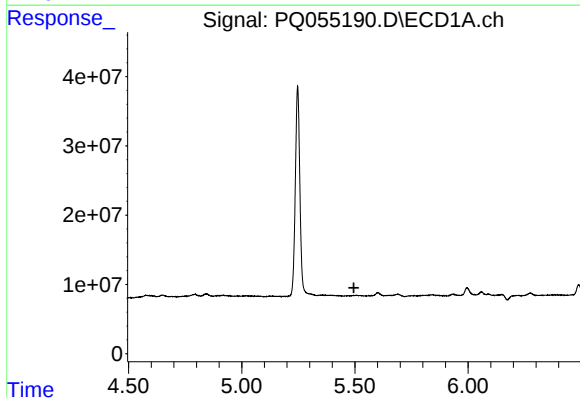
#7 AR-1016-5

R.T.: 7.084 min
Delta R.T.: -0.001 min
Response: 17461769
Conc: 40.06 ng/ml



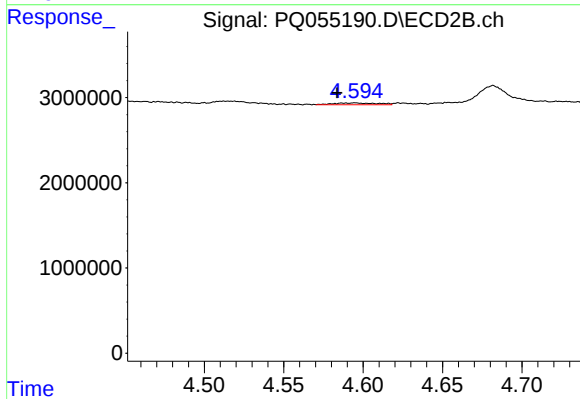
#7 AR-1016-5

R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 9735653
Conc: 35.56 ng/ml



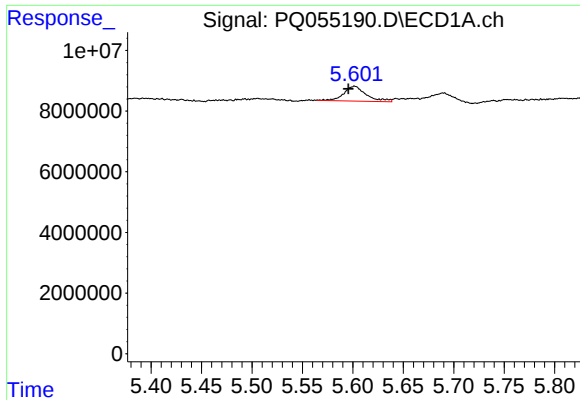
#8 AR-1221-1

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



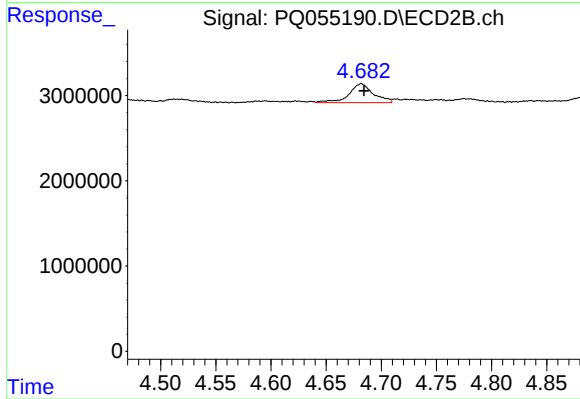
#8 AR-1221-1

R.T.: 4.595 min
Delta R.T.: 0.011 min
Response: 408328
Conc: 3.79 ng/ml



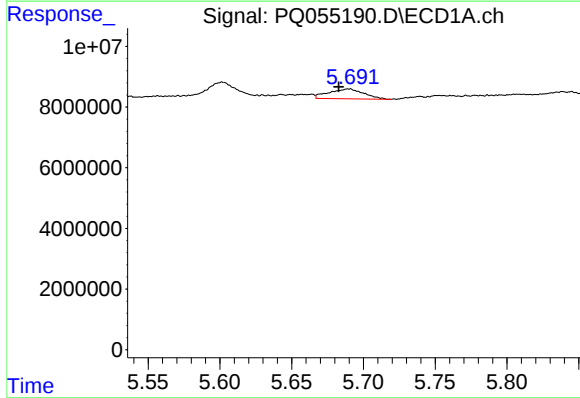
#9 AR-1221-2

R.T.: 5.602 min
Delta R.T.: 0.006 min
Response: 7600343
Conc: 43.44 ng/ml



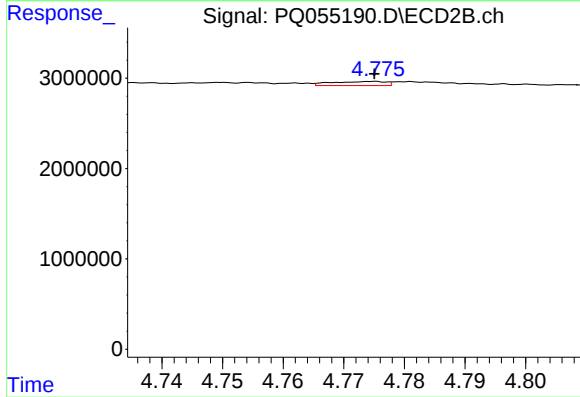
#9 AR-1221-2

R.T.: 4.682 min
Delta R.T.: -0.002 min
Response: 3440108
Conc: 44.39 ng/ml



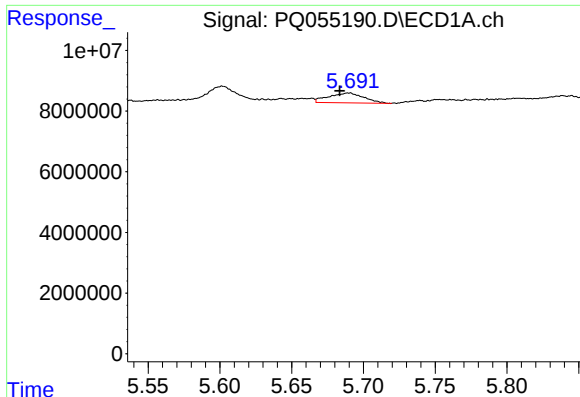
#10 AR-1221-3

R.T.: 5.691 min
Delta R.T.: 0.008 min
Response: 5543333
Conc: 12.33 ng/ml



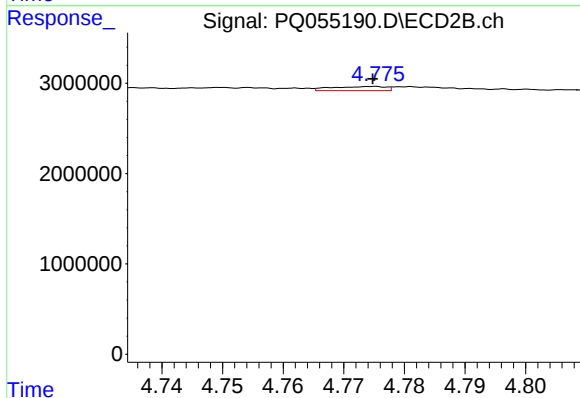
#10 AR-1221-3

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 281216
Conc: 1.09 ng/ml



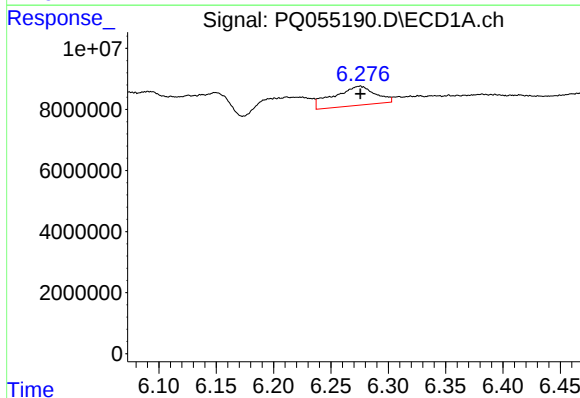
#11 AR-1232-1

R.T.: 5.691 min
Delta R.T.: 0.008 min
Response: 5543333
Conc: 14.60 ng/ml



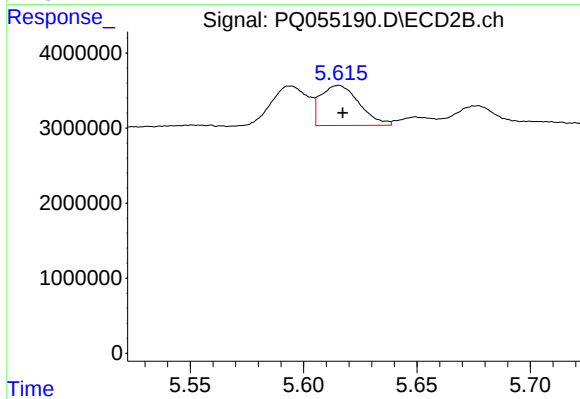
#11 AR-1232-1

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 281216
Conc: 1.29 ng/ml



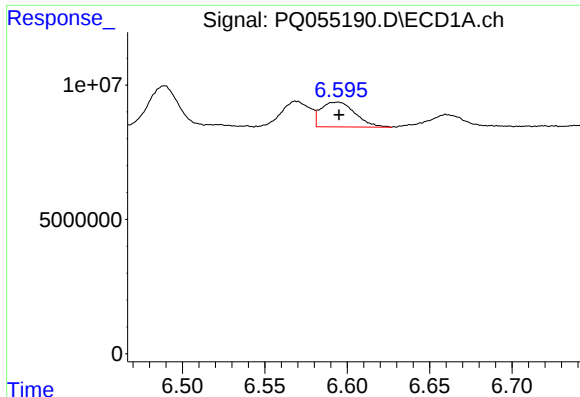
#12 AR-1232-2

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 15814179
Conc: 79.20 ng/ml



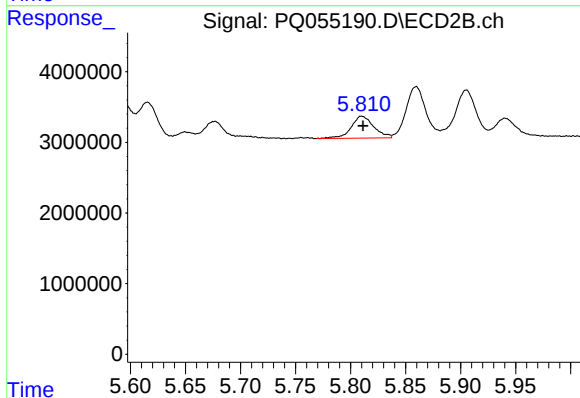
#12 AR-1232-2

R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 6323345
Conc: 30.01 ng/ml



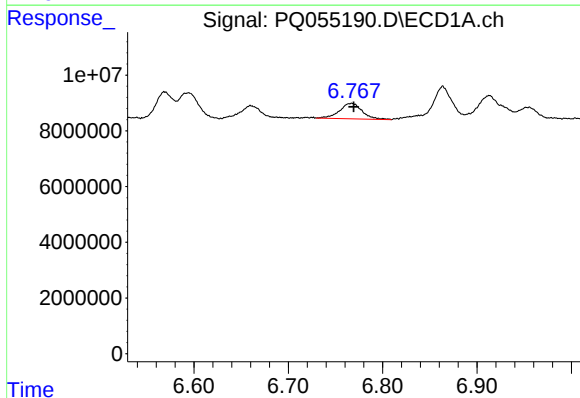
#13 AR-1232-3

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 13386200
Conc: 35.15 ng/ml



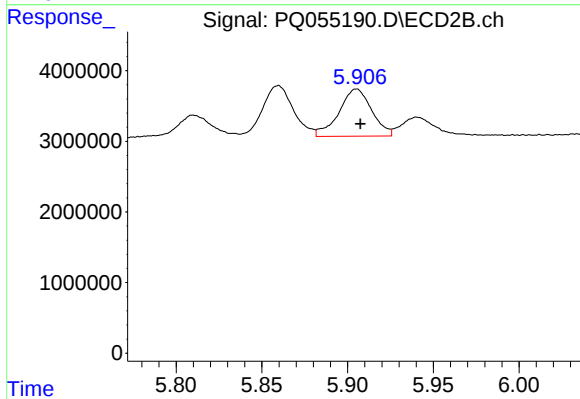
#13 AR-1232-3

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 4454564
Conc: 40.59 ng/ml



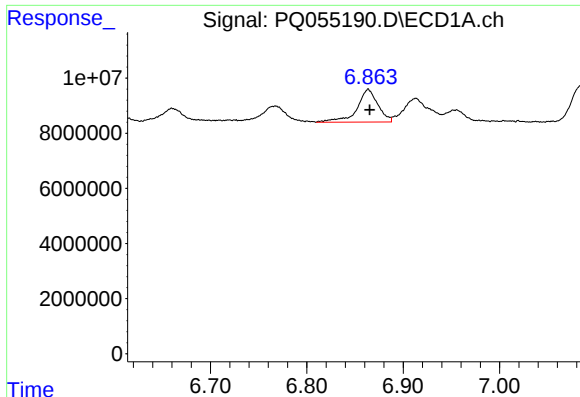
#14 AR-1232-4

R.T.: 6.767 min
Delta R.T.: -0.002 min
Response: 9292730
Conc: 45.38 ng/ml



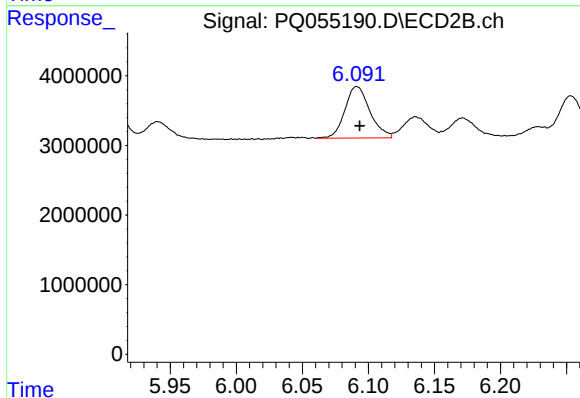
#14 AR-1232-4

R.T.: 5.905 min
Delta R.T.: -0.002 min
Response: 8896509
Conc: 91.65 ng/ml



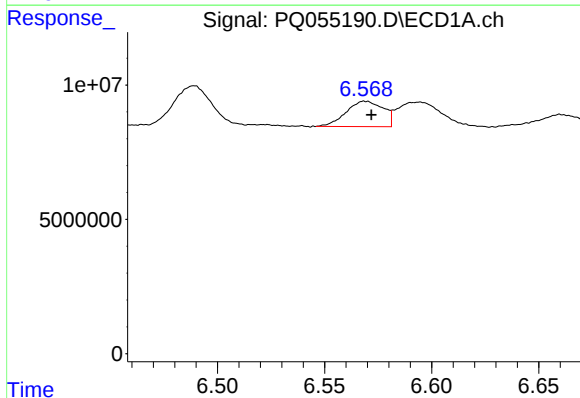
#15 AR-1232-5

R.T.: 6.864 min
Delta R.T.: -0.002 min
Response: 17951853
Conc: 129.11 ng/ml



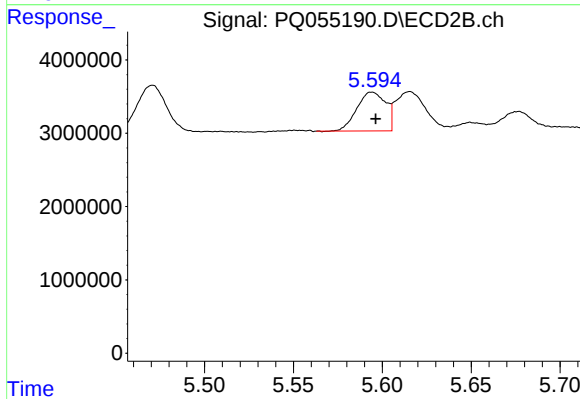
#15 AR-1232-5

R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 9735653
Conc: 94.46 ng/ml



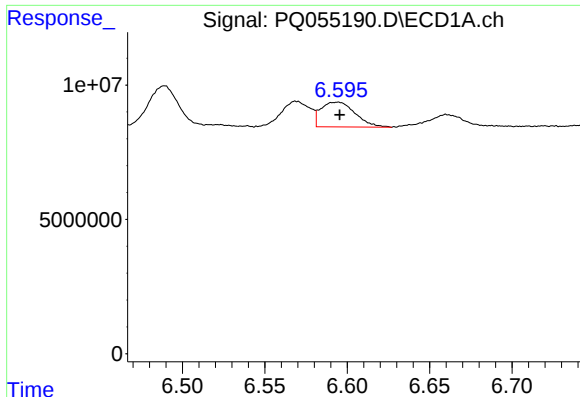
#16 AR-1242-1

R.T.: 6.569 min
Delta R.T.: -0.003 min
Response: 11382077
Conc: 26.03 ng/ml



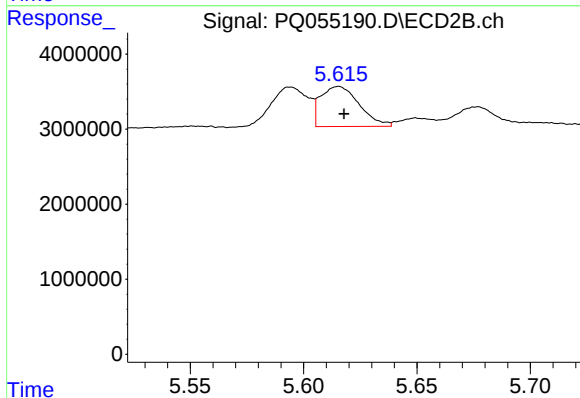
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: -0.002 min
Response: 5961713
Conc: 22.38 ng/ml



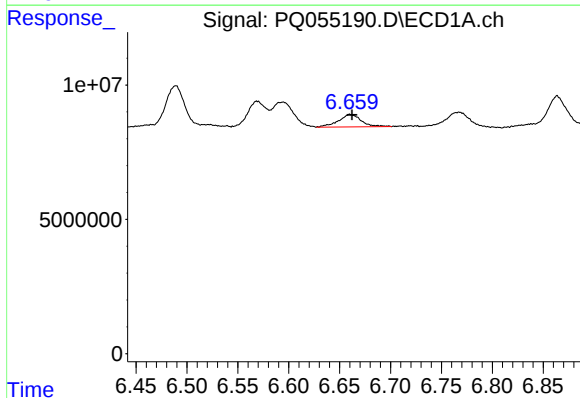
#17 AR-1242-2

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 13386200
Conc: 19.94 ng/ml



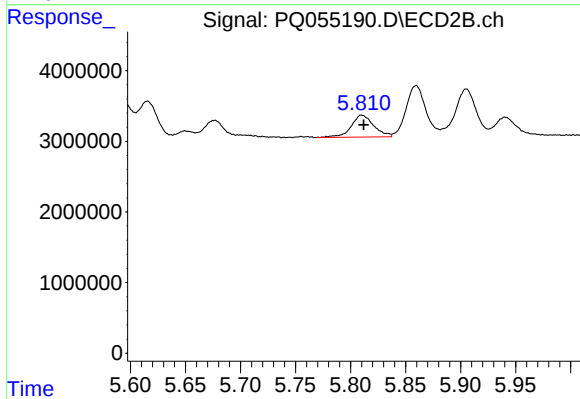
#17 AR-1242-2

R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 6323345
Conc: 16.33 ng/ml



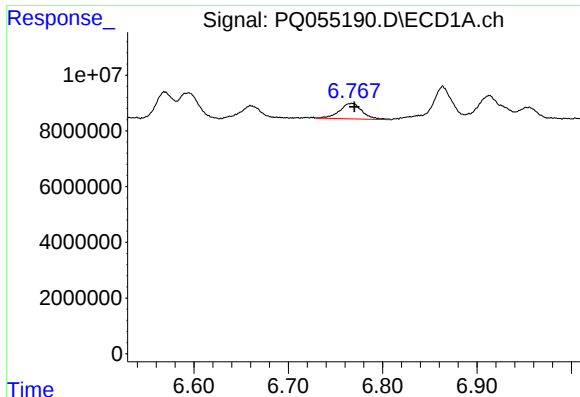
#18 AR-1242-3

R.T.: 6.660 min
Delta R.T.: -0.002 min
Response: 7307356
Conc: 17.28 ng/ml



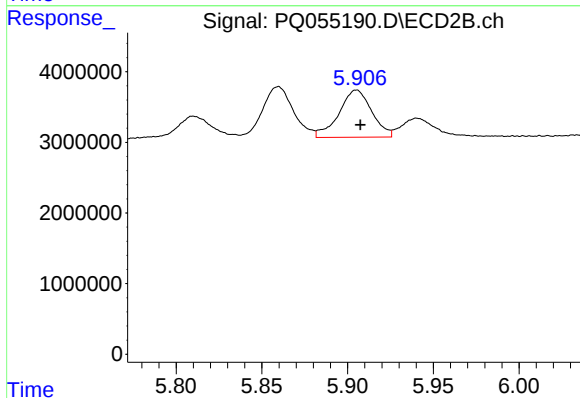
#18 AR-1242-3

R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 4454564
Conc: 22.09 ng/ml



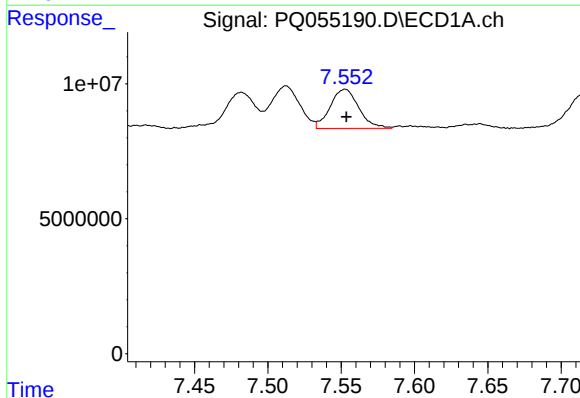
#19 AR-1242-4

R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 9292730
Conc: 26.07 ng/ml



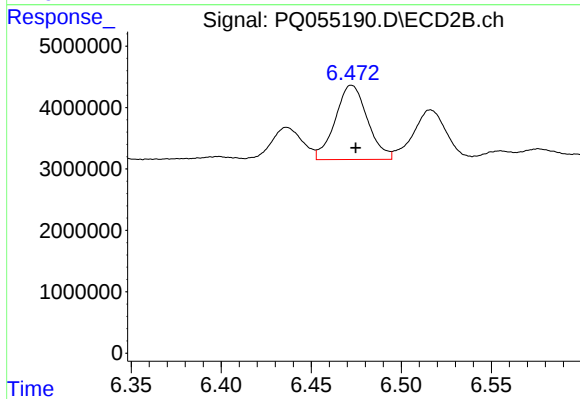
#19 AR-1242-4

R.T.: 5.905 min
Delta R.T.: -0.002 min
Response: 8896509
Conc: 45.44 ng/ml



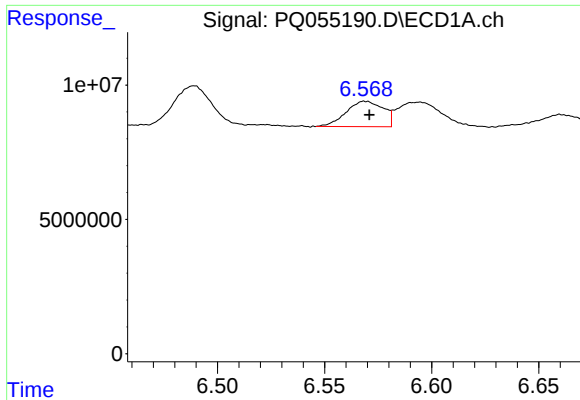
#20 AR-1242-5

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 19698098
Conc: 53.93 ng/ml



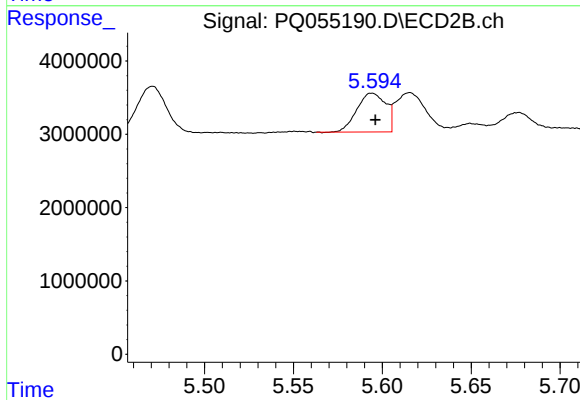
#20 AR-1242-5

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 15085719
Conc: 59.83 ng/ml



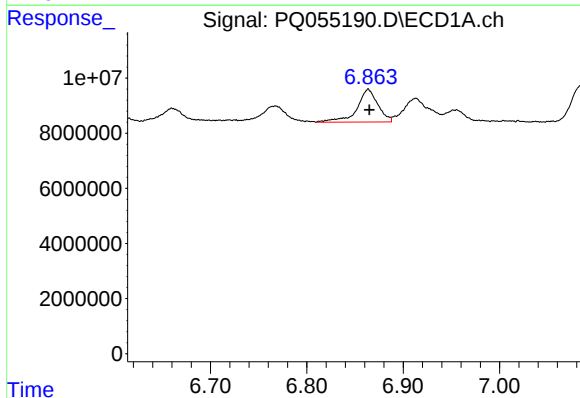
#21 AR-1248-1

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 11382077
Conc: 33.47 ng/ml



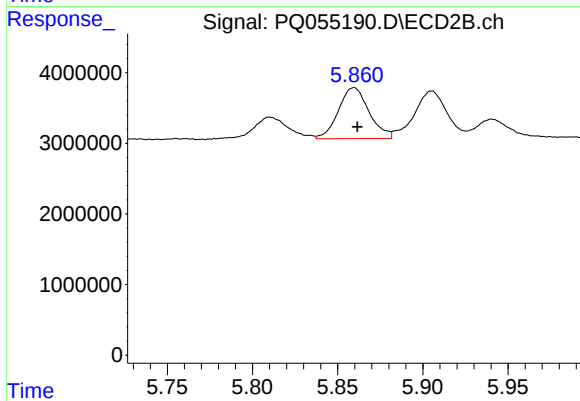
#21 AR-1248-1

R.T.: 5.594 min
Delta R.T.: -0.002 min
Response: 5961713
Conc: 29.79 ng/ml



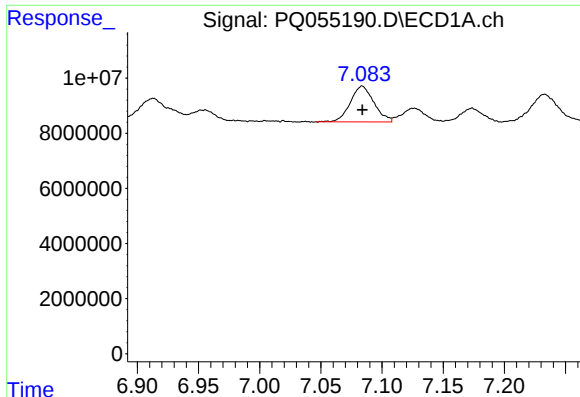
#22 AR-1248-2

R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 17951853
Conc: 39.17 ng/ml



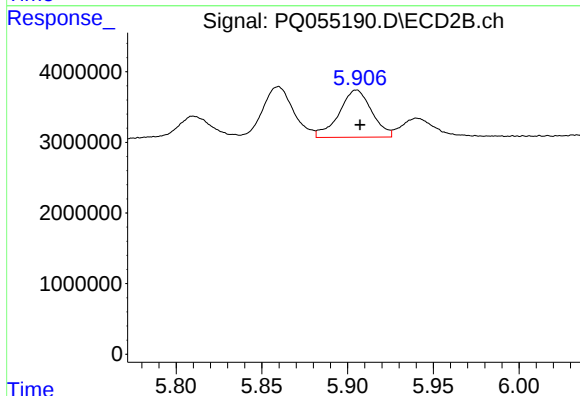
#22 AR-1248-2

R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 9050293
Conc: 32.19 ng/ml



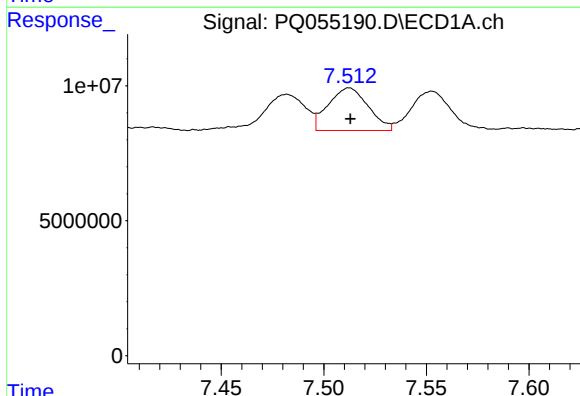
#23 AR-1248-3

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 17461769
Conc: 32.38 ng/ml



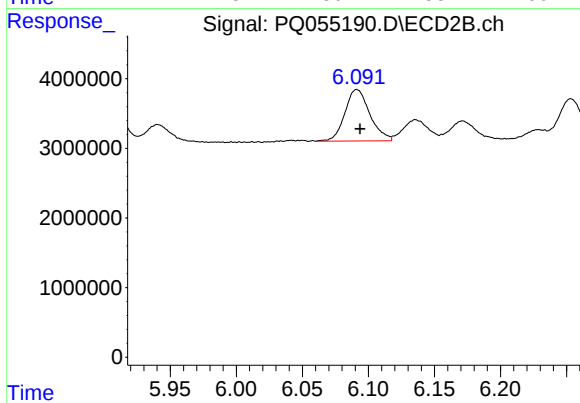
#23 AR-1248-3

R.T.: 5.905 min
Delta R.T.: -0.002 min
Response: 8896509
Conc: 30.41 ng/ml



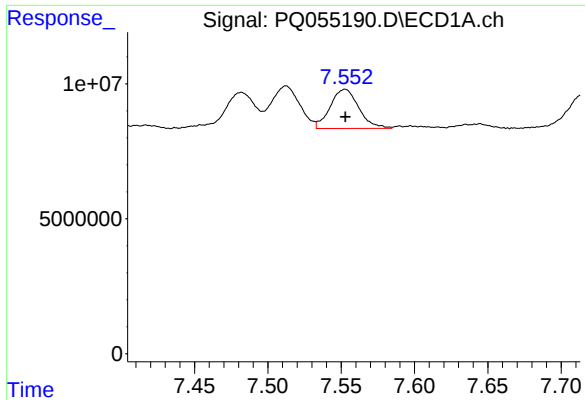
#24 AR-1248-4

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 21381791
Conc: 35.24 ng/ml



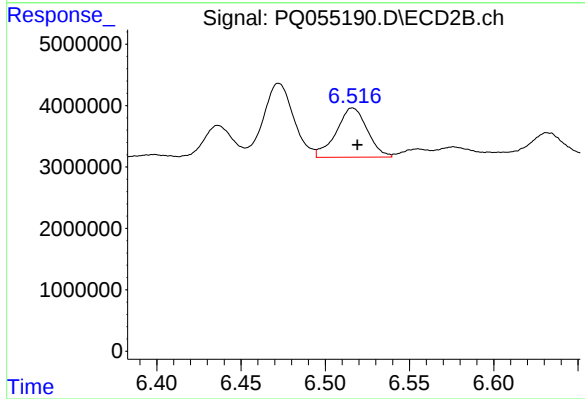
#24 AR-1248-4

R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 9735653
Conc: 27.97 ng/ml



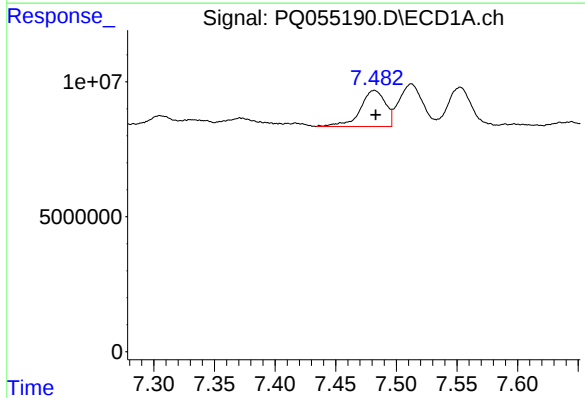
#25 AR-1248-5

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 19698098
Conc: 32.19 ng/ml



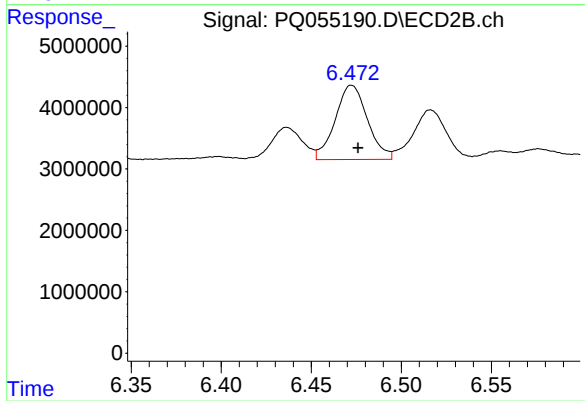
#25 AR-1248-5

R.T.: 6.516 min
Delta R.T.: -0.003 min
Response: 10300427
Conc: 29.60 ng/ml



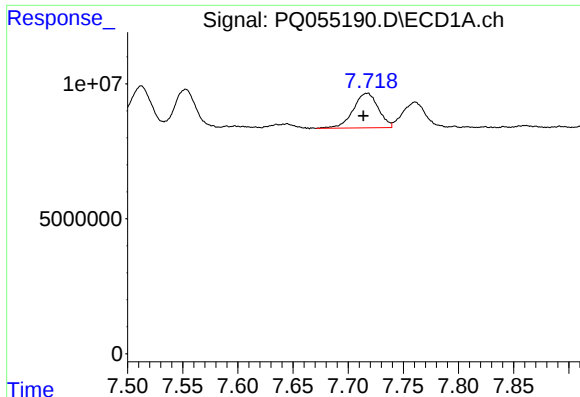
#26 AR-1254-1

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 19244147
Conc: 32.78 ng/ml



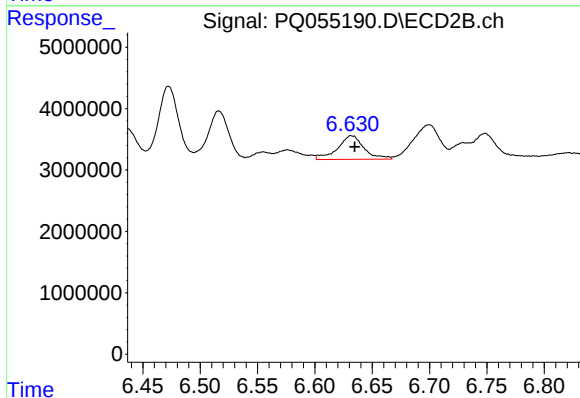
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: -0.004 min
Response: 15085719
Conc: 27.27 ng/ml



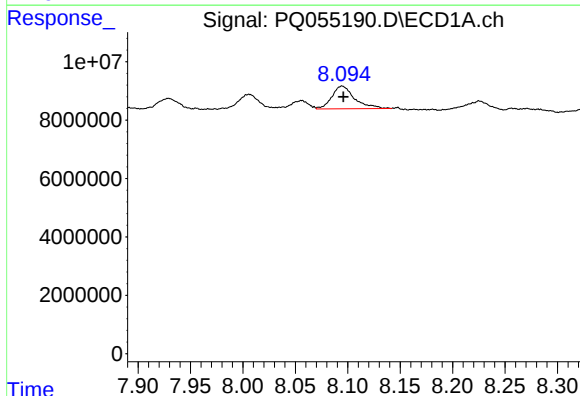
#27 AR-1254-2

R.T.: 7.718 min
Delta R.T.: 0.004 min
Response: 20315574
Conc: 22.41 ng/ml



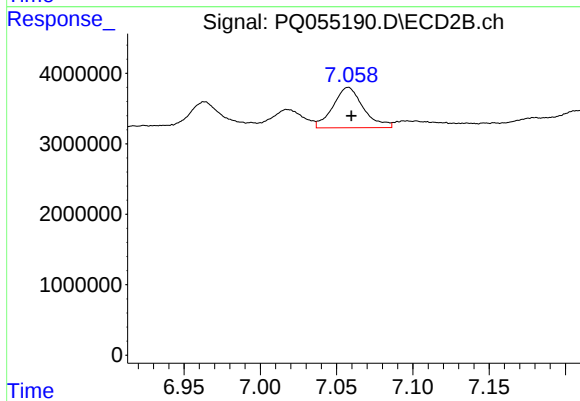
#27 AR-1254-2

R.T.: 6.632 min
Delta R.T.: -0.003 min
Response: 6166469
Conc: 13.03 ng/ml



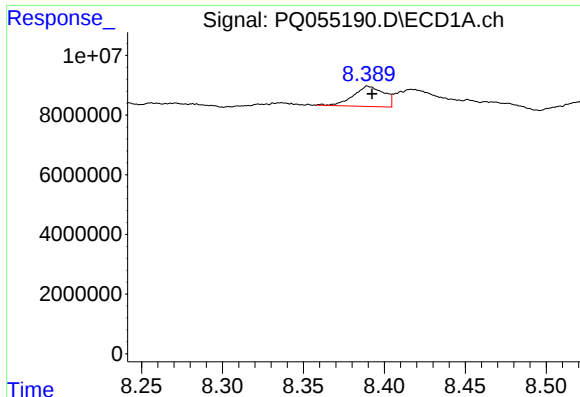
#28 AR-1254-3

R.T.: 8.095 min
Delta R.T.: -0.001 min
Response: 11732004
Conc: 11.53 ng/ml



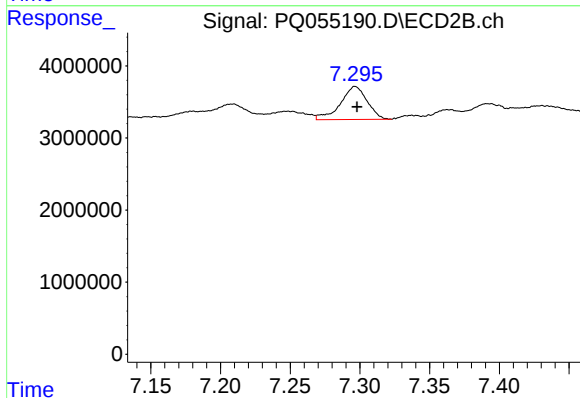
#28 AR-1254-3

R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 7930064
Conc: 10.10 ng/ml



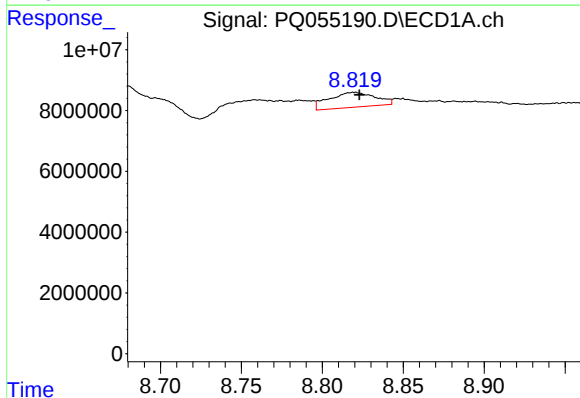
#29 AR-1254-4

R.T.: 8.390 min
Delta R.T.: -0.003 min
Response: 8928037
Conc: 11.87 ng/ml



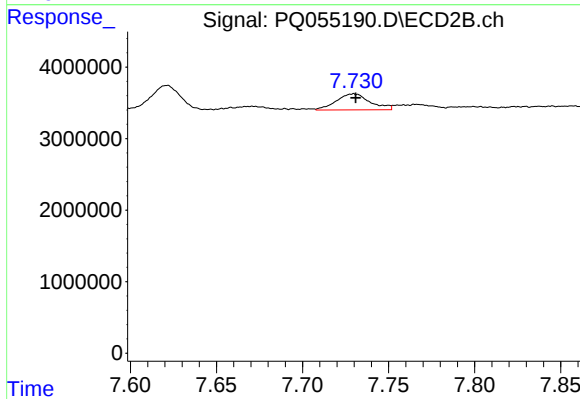
#29 AR-1254-4

R.T.: 7.297 min
Delta R.T.: -0.001 min
Response: 6066218
Conc: 12.71 ng/ml



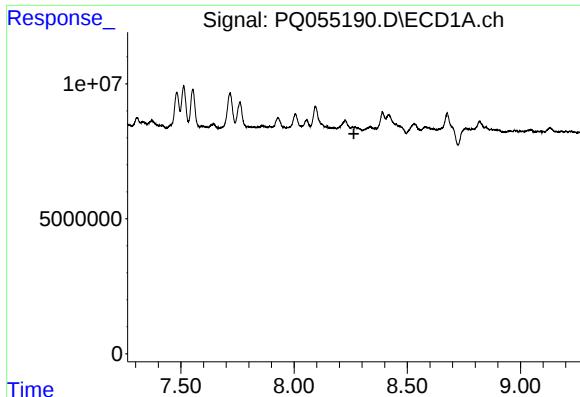
#30 AR-1254-5

R.T.: 8.820 min
Delta R.T.: -0.003 min
Response: 9804296
Conc: 12.08 ng/ml



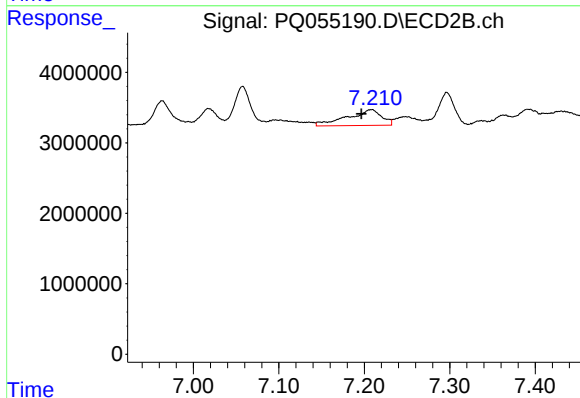
#30 AR-1254-5

R.T.: 7.730 min
Delta R.T.: -0.001 min
Response: 3071671
Conc: 4.59 ng/ml



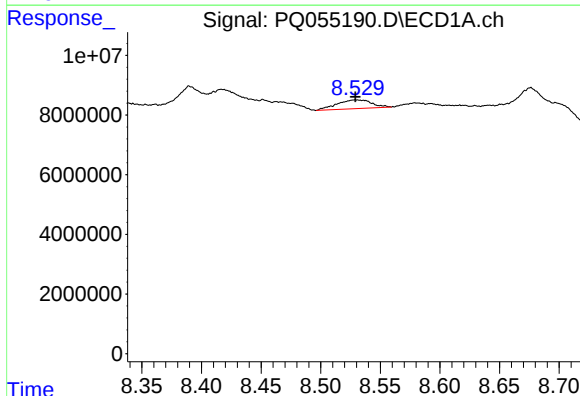
#31 AR-1260-1

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



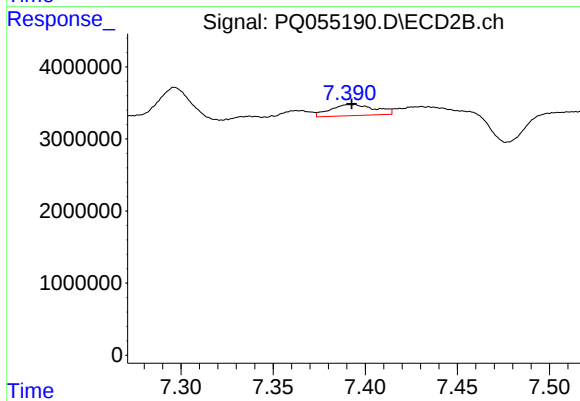
#31 AR-1260-1

R.T.: 7.208 min
Delta R.T.: 0.012 min
Response: 6300106
Conc: 12.57 ng/ml



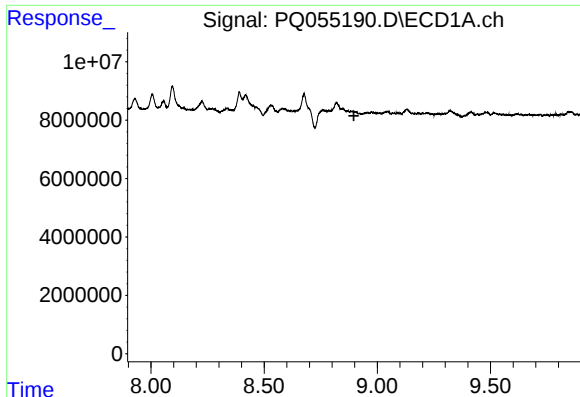
#32 AR-1260-2

R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 5976789
Conc: 7.20 ng/ml



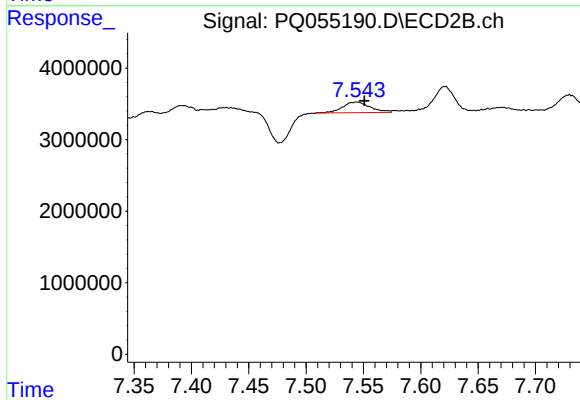
#32 AR-1260-2

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 2582527
Conc: 4.27 ng/ml



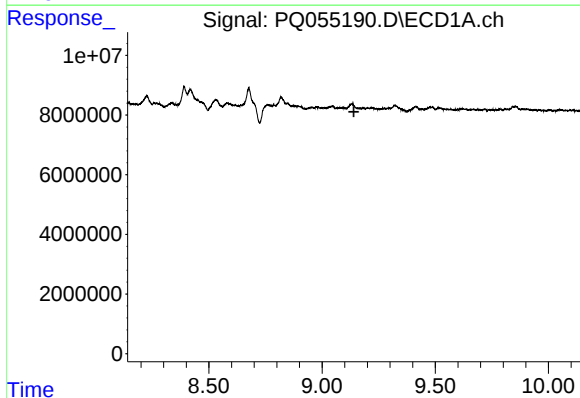
#33 AR-1260-3

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



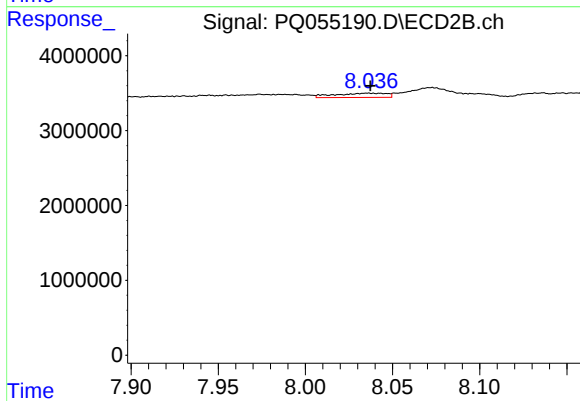
#33 AR-1260-3

R.T.: 7.544 min
Delta R.T.: -0.006 min
Response: 2509395
Conc: 4.39 ng/ml



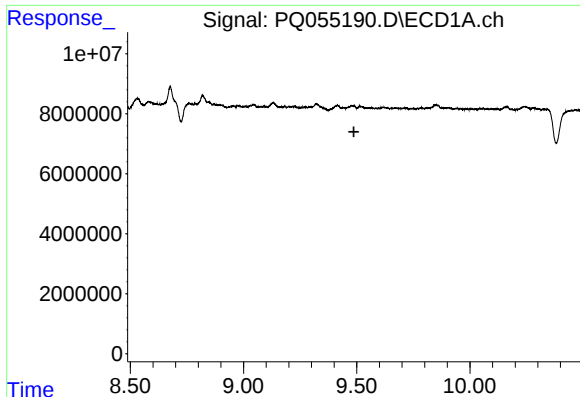
#34 AR-1260-4

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



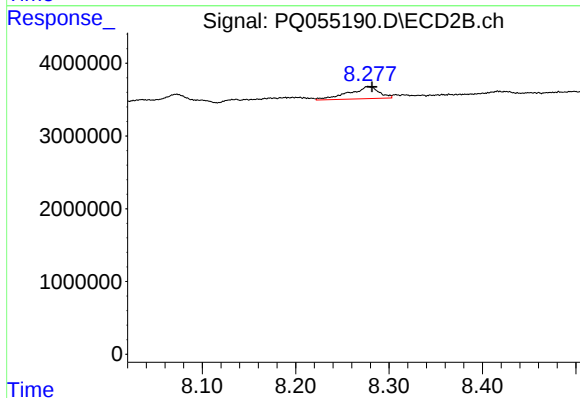
#34 AR-1260-4

R.T.: 8.036 min
Delta R.T.: -0.002 min
Response: 1168885
Conc: 2.47 ng/ml



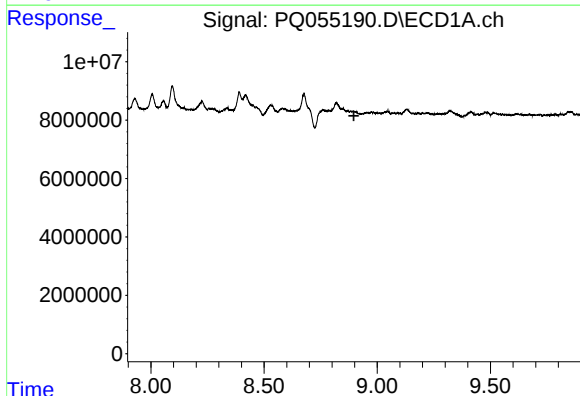
#35 AR-1260-5

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



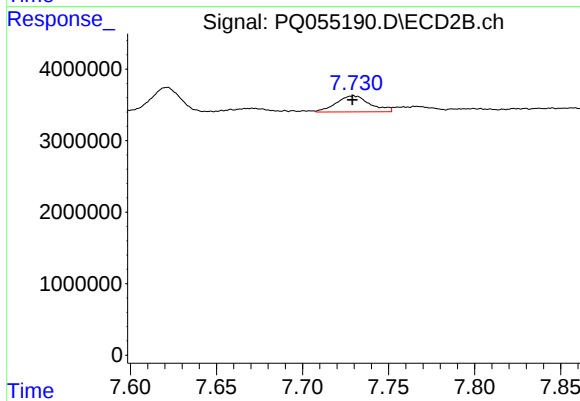
#35 AR-1260-5

R.T.: 8.278 min
Delta R.T.: -0.004 min
Response: 3738523
Conc: 3.24 ng/ml



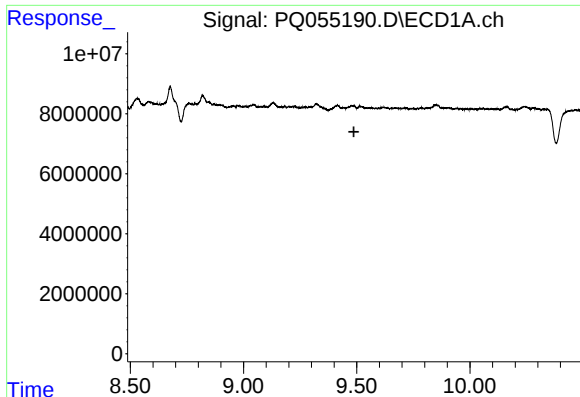
#36 AR-1262-1

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



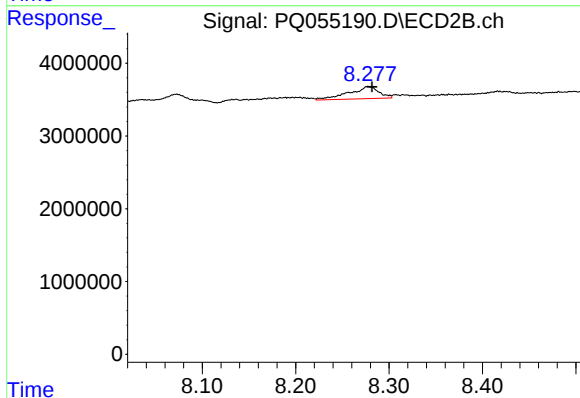
#36 AR-1262-1

R.T.: 7.730 min
Delta R.T.: 0.000 min
Response: 3071671
Conc: 9.03 ng/ml



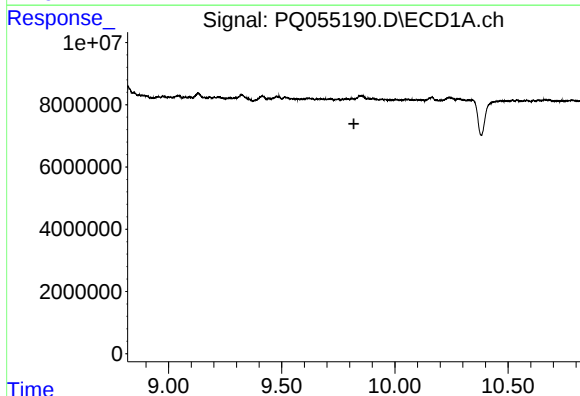
#37 AR-1262-2

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



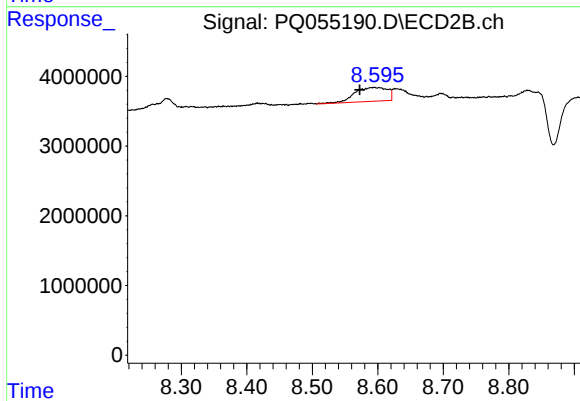
#37 AR-1262-2

R.T.: 8.278 min
Delta R.T.: -0.004 min
Response: 3738523
Conc: 3.03 ng/ml



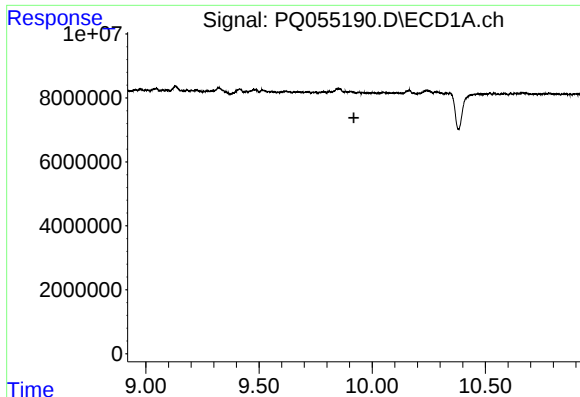
#38 AR-1262-3

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



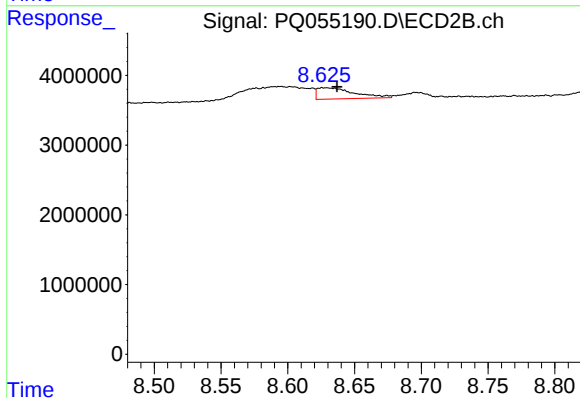
#38 AR-1262-3

R.T.: 8.595 min
Delta R.T.: 0.022 min
Response: 7059141
Conc: 15.27 ng/ml



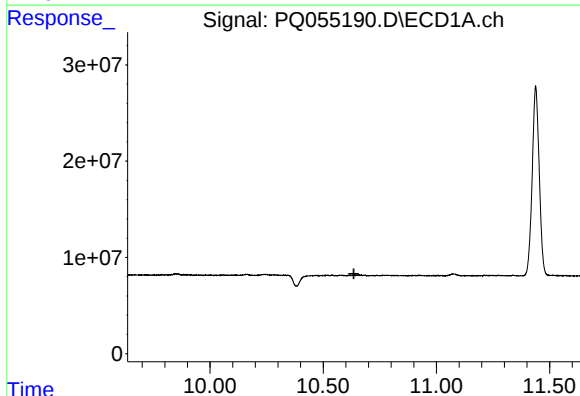
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.919 min
Response: 0
Conc: N.D.



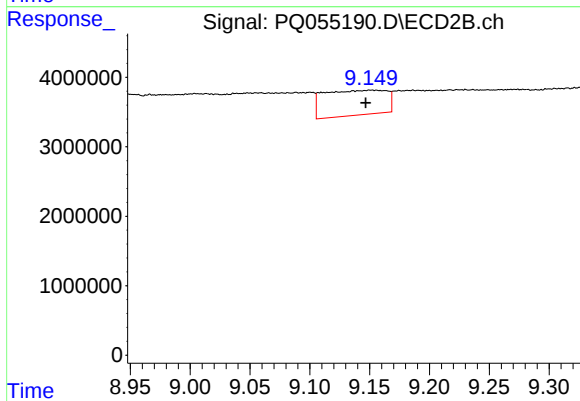
#39 AR-1262-4

R.T.: 8.628 min
Delta R.T.: -0.009 min
Response: 3113314
Conc: 3.49 ng/ml



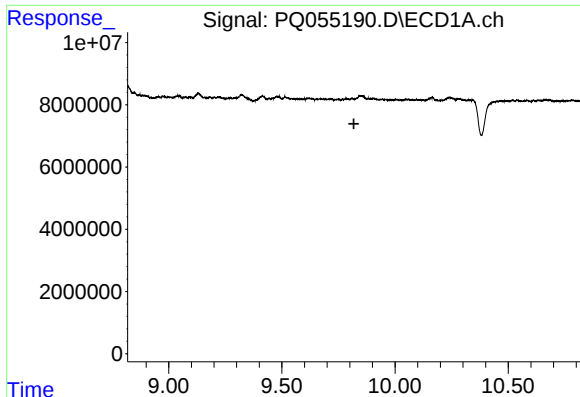
#40 AR-1262-5

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



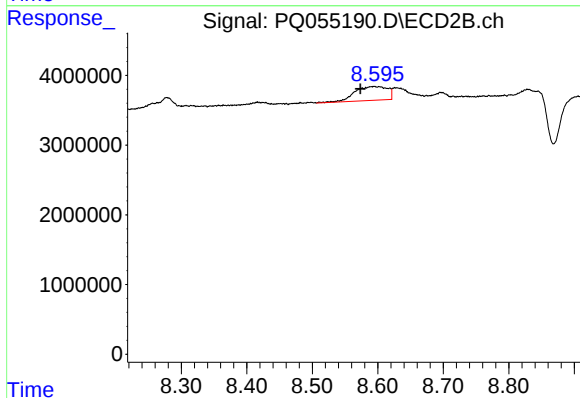
#40 AR-1262-5

R.T.: 9.151 min
Delta R.T.: 0.004 min
Response: 13094434
Conc: 32.61 ng/ml



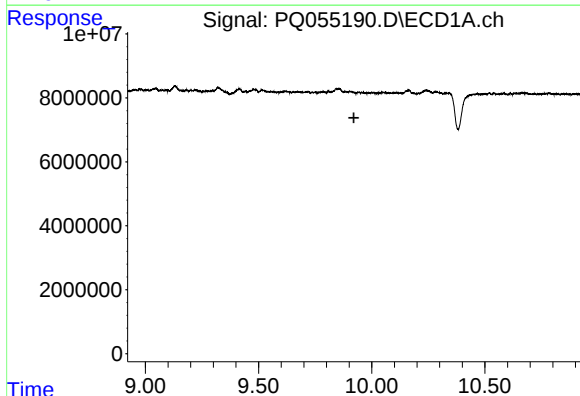
#41 AR-1268-1

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



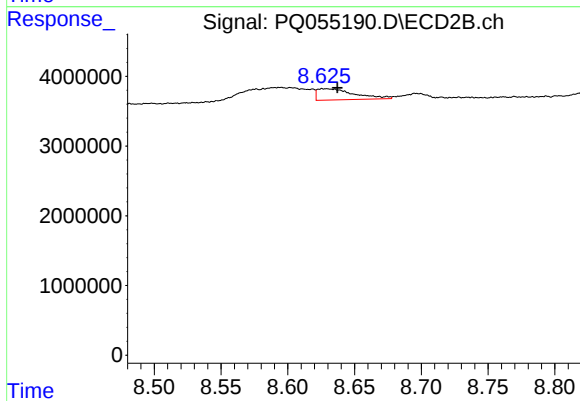
#41 AR-1268-1

R.T.: 8.595 min
Delta R.T.: 0.021 min
Response: 7059141
Conc: 4.99 ng/ml



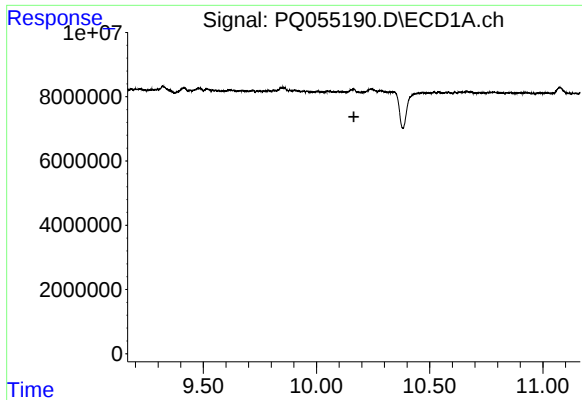
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.921 min
Response: 0
Conc: N.D.



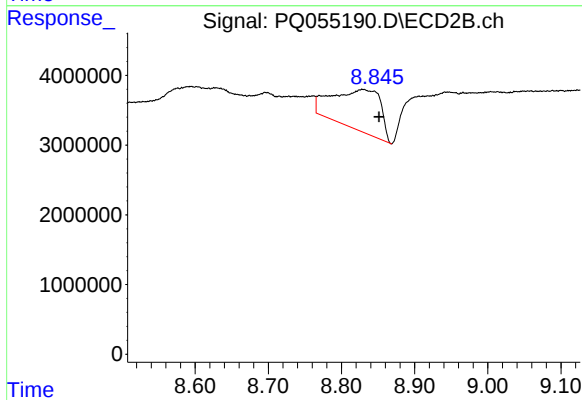
#42 AR-1268-2

R.T.: 8.628 min
Delta R.T.: -0.010 min
Response: 3113314
Conc: 2.39 ng/ml



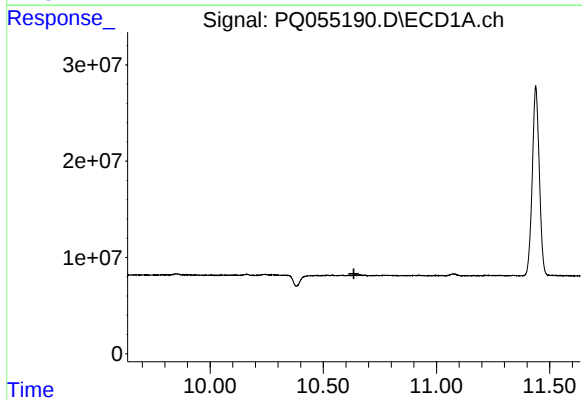
#43 AR-1268-3

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



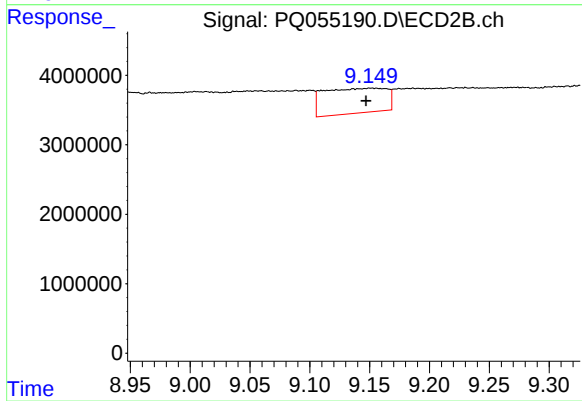
#43 AR-1268-3

R.T.: 8.829 min
Delta R.T.: -0.022 min
Response: 26573320
Conc: 24.29 ng/ml



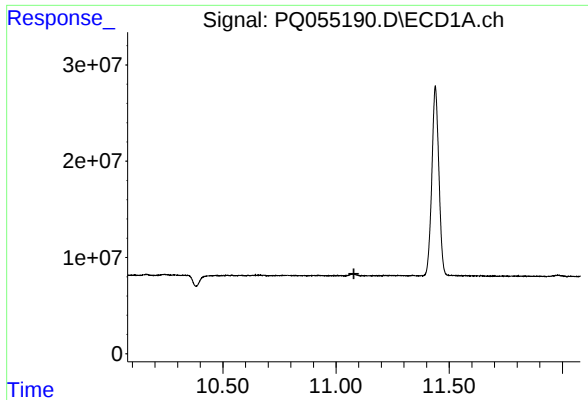
#44 AR-1268-4

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



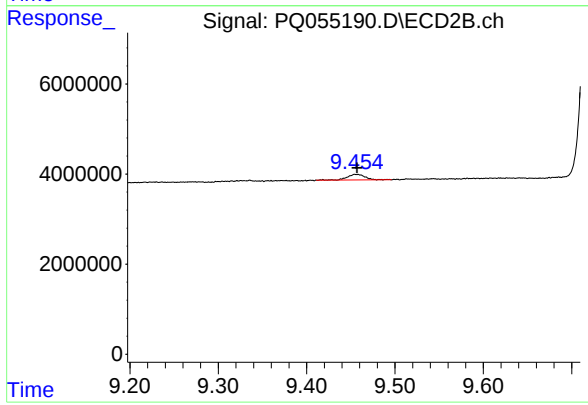
#44 AR-1268-4

R.T.: 9.151 min
Delta R.T.: 0.004 min
Response: 13094434
Conc: 28.99 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.: 9.456 min
Delta R.T.: -0.001 min
Response: 1722815
Conc: 0.49 ng/ml