

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112921\
 Data File : PQ055192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 03:27
 Operator : AJ\MA
 Sample : M4068-07
 Misc : AR1262 LOD 25 PPB
 ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 06:36:22 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	400.4E6	230.9E6	22.773	22.459
2)	SA Decachlor...	11.440	9.730	399.9E6	209.8E6	25.357	23.435
Target Compounds							
3)	L1 AR-1016-1	0.000	5.619f	0	1662050	N.D.	4.636 #
4)	L1 AR-1016-2	0.000	5.619	0	1662050	N.D.	3.228 #
5)	L1 AR-1016-3	6.641f	5.832f	2971213	998730	5.291	3.729 #
6)	L1 AR-1016-4	0.000	5.880f	0	1617741	N.D.	7.458 #
7)	L1 AR-1016-5	0.000	6.072f	0	290278	N.D.	1.060 #
8)	L2 AR-1221-1	0.000	4.590	0	269542	N.D.	2.499 #
9)	L2 AR-1221-2	5.600	4.682	4539695	4823659	25.944	62.245 #
10)	L2 AR-1221-3	0.000	4.784	0	684817	N.D.	2.659 #
11)	L3 AR-1232-1	0.000	4.784	0	684817	N.D.	3.151 #
12)	L3 AR-1232-2	6.284	5.619	2687742	1662050	13.461	7.889 #
13)	L3 AR-1232-3	0.000	5.832f	0	998730	N.D.	9.100 #
14)	L3 AR-1232-4	0.000	5.904	0	208884	N.D.	2.152 #
15)	L3 AR-1232-5	0.000	6.072f	0	290278	N.D.	2.816 #
16)	L4 AR-1242-1	0.000	5.619f	0	1662050	N.D.	6.239 #
17)	L4 AR-1242-2	0.000	5.619	0	1662050	N.D.	4.291 #
18)	L4 AR-1242-3	6.641f	5.832f	2971213	998730	7.025	4.953 #
19)	L4 AR-1242-4	0.000	5.904	0	208884	N.D.	1.067 #
20)	L4 AR-1242-5	0.000	6.474	0	5139691	N.D.	20.383 #
21)	L5 AR-1248-1	0.000	5.619f	0	1662050	N.D.	8.304 #
22)	L5 AR-1248-2	0.000	5.880f	0	1617741	N.D.	5.754 #
23)	L5 AR-1248-3	0.000	5.904	0	208884	N.D.	0.714 #
24)	L5 AR-1248-4	7.485f	6.072f	8456603	290278	13.936	0.834 #
25)	L5 AR-1248-5	0.000	6.500f	0	1398590	N.D.	4.019 #
26)	L6 AR-1254-1	7.485	6.474	8456603	5139691	14.405	9.292 #
27)	L6 AR-1254-2	7.712	6.633	2908267	3765451	3.209	7.957 #
28)	L6 AR-1254-3	0.000	7.078f	0	7001099	N.D.	8.917 #
29)	L6 AR-1254-4	0.000	7.299	0	467175	N.D.	0.979 #
30)	L6 AR-1254-5	8.820	7.729	29410142	8352406	36.227	12.487 #
31)	L7 AR-1260-1	8.261	7.196	16008654	10257039	22.772	20.463
32)	L7 AR-1260-2	8.526	7.392	23434938	12082694	28.240	19.981 #
33)	L7 AR-1260-3	8.894	7.553	26624600	12784016	41.889	22.383 #
34)	L7 AR-1260-4	9.136	8.037	22940811	14472406	30.089	30.543
35)	L7 AR-1260-5	9.484	8.282	45407322	28905094	29.460	25.030
36)	L8 AR-1262-1	8.894	7.729	26624600	8352406	30.867	24.557
37)	L8 AR-1262-2	9.484	8.282	45407322	28905094	27.419	23.454
38)	L8 AR-1262-3	9.816	8.572	33111133	14528177	41.142	31.432
39)	L8 AR-1262-4	9.915	8.636	25272109	22293577	51.766	24.978 #
40)	L8 AR-1262-5	10.630	9.147	18830691	15219955	27.839	37.900 #
41)	L9 AR-1268-1	9.816	8.572	33111133	14528177	16.659	10.268 #

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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

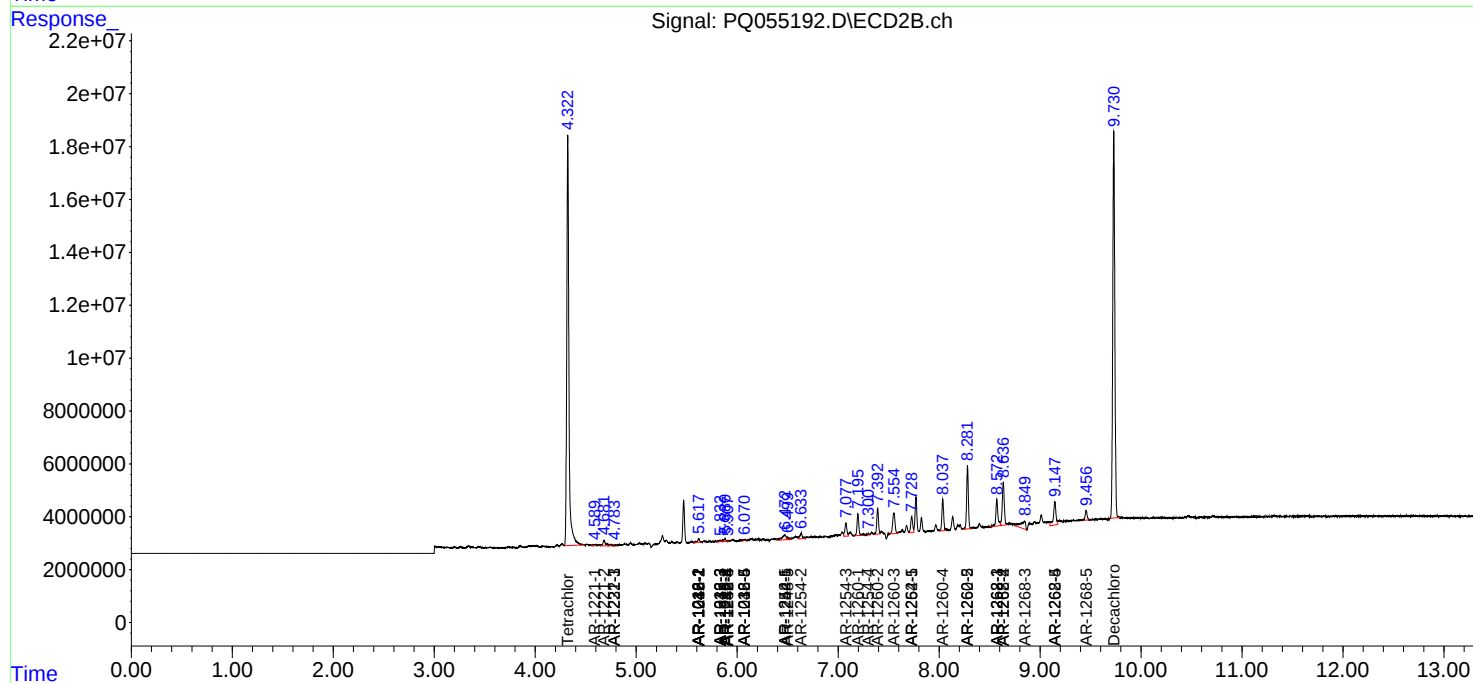
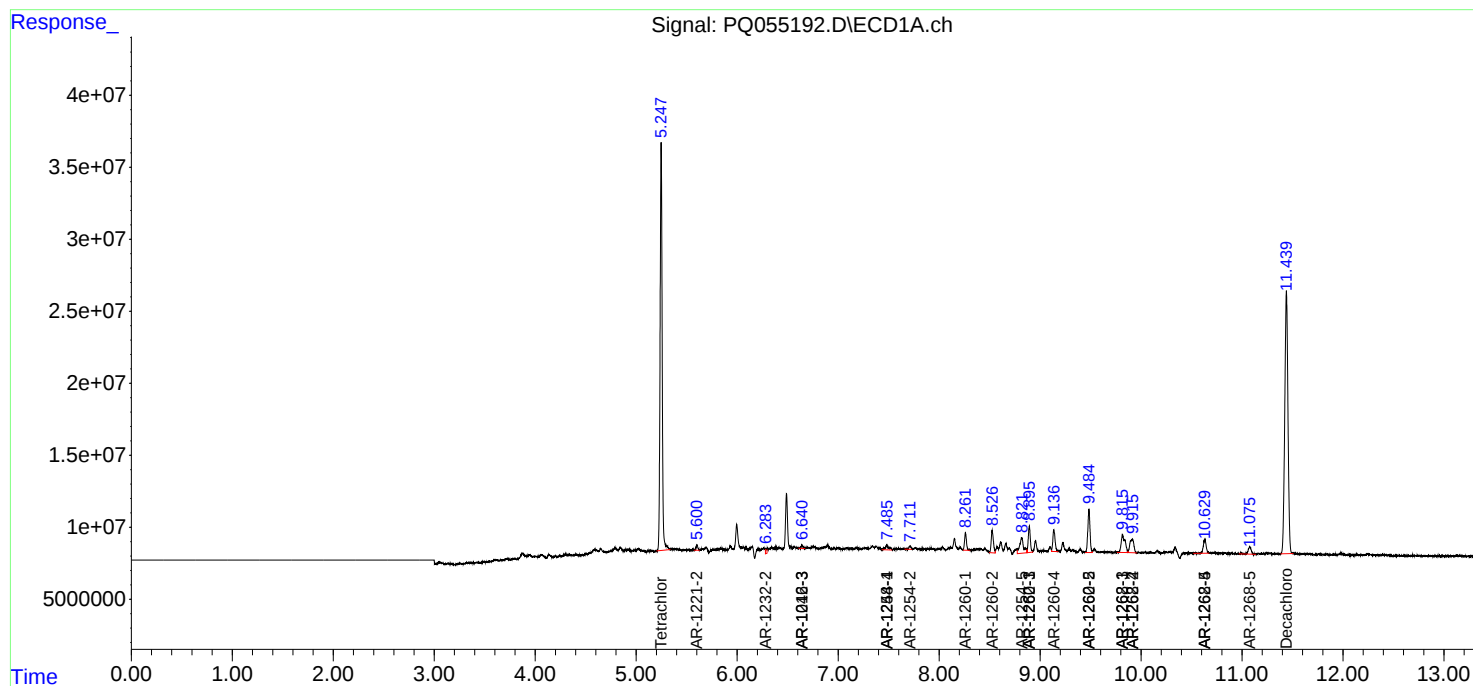
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.915	8.636	25272109	22293577	12.915	17.109 #
43) L9	AR-1268-3	0.000	8.849	0	10556775	N.D.	9.650 #
44) L9	AR-1268-4	10.630	9.147	18830691	15219955	24.840	33.690 #
45) L9	AR-1268-5	11.076	9.457	11233181	4922766	1.960	1.392 #

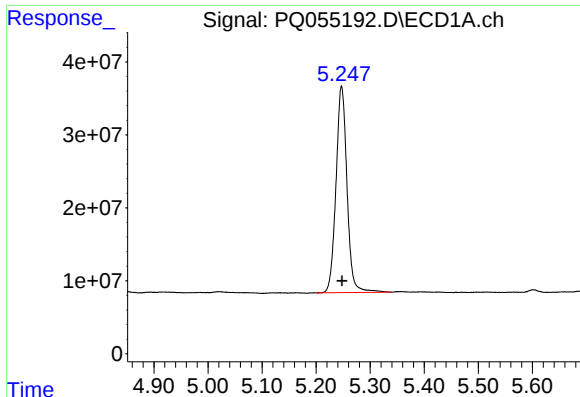
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Operator : AJ\MA
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Quant Time: Nov 30 06:36:22 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

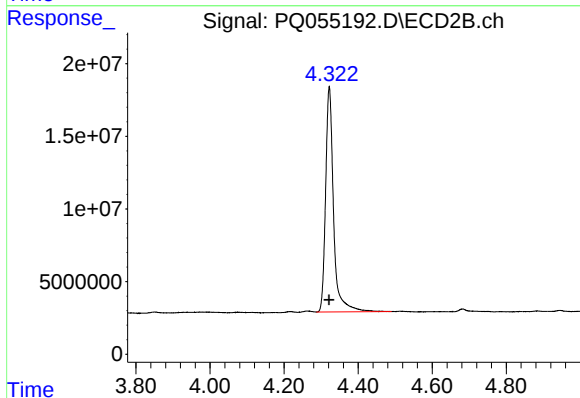
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





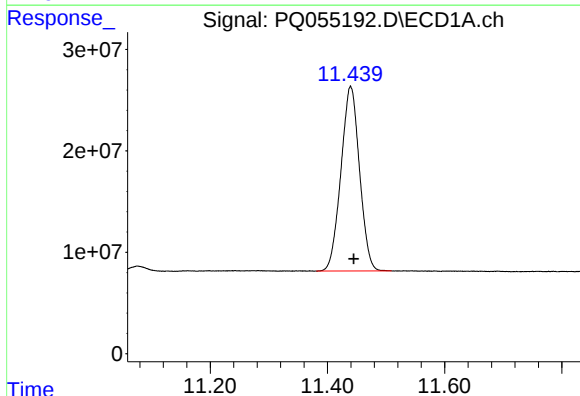
#1 Tetrachloro-m-xylene

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 400393110
Conc: 22.77 ng/ml



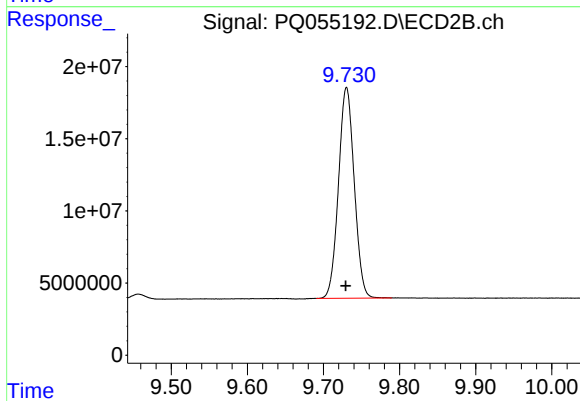
#1 Tetrachloro-m-xylene

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 230948271
Conc: 22.46 ng/ml



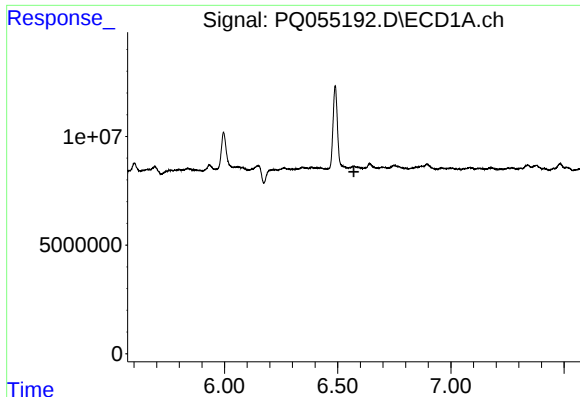
#2 Decachlorobiphenyl

R.T.: 11.440 min
Delta R.T.: -0.005 min
Response: 399943346
Conc: 25.36 ng/ml



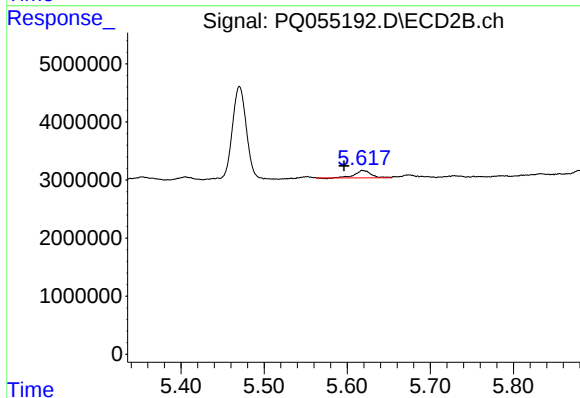
#2 Decachlorobiphenyl

R.T.: 9.730 min
Delta R.T.: 0.000 min
Response: 209841179
Conc: 23.44 ng/ml



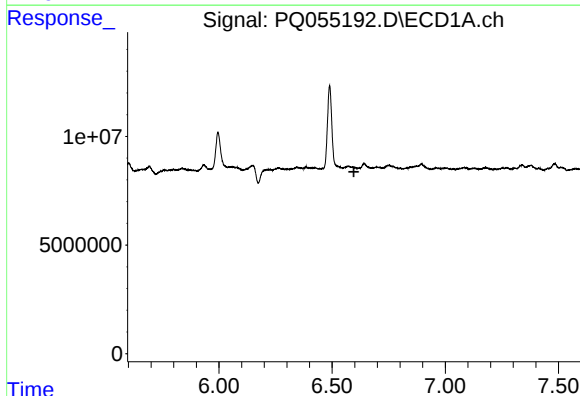
#3 AR-1016-1

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



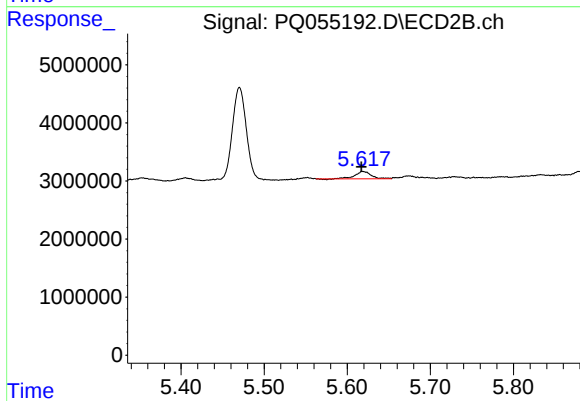
#3 AR-1016-1

R.T.: 5.619 min
Delta R.T.: 0.023 min
Response: 1662050
Conc: 4.64 ng/ml



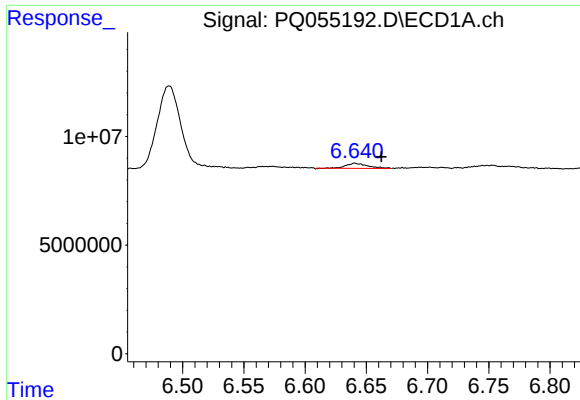
#4 AR-1016-2

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



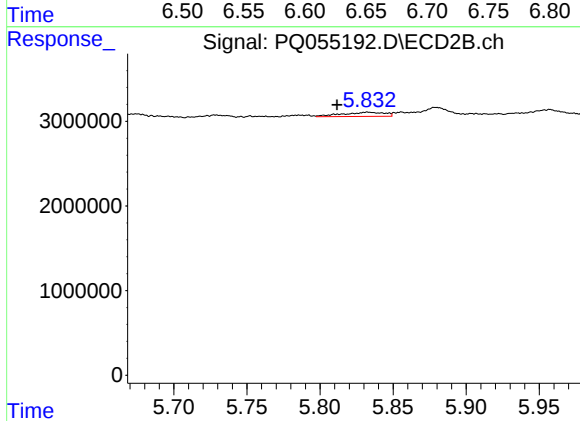
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: 0.001 min
Response: 1662050
Conc: 3.23 ng/ml



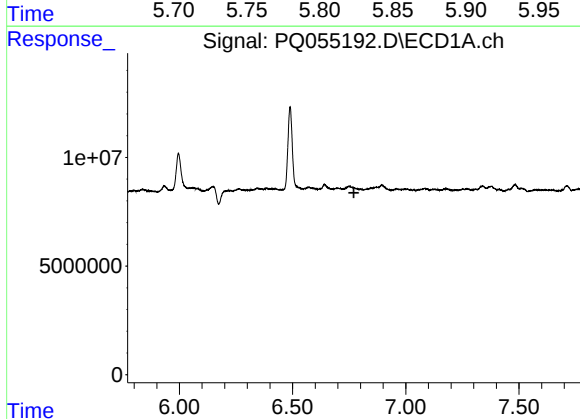
#5 AR-1016-3

R.T.: 6.641 min
Delta R.T.: -0.021 min
Response: 2971213
Conc: 5.29 ng/ml



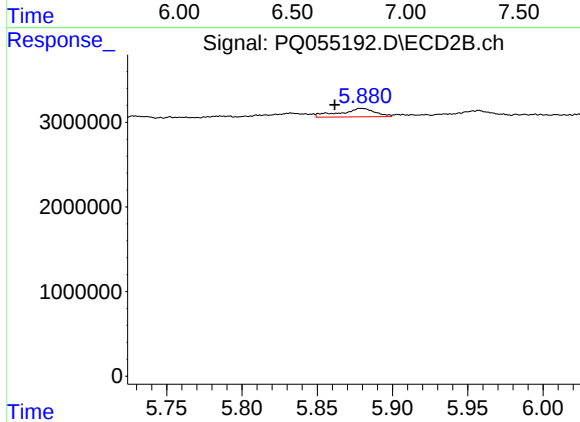
#5 AR-1016-3

R.T.: 5.832 min
Delta R.T.: 0.021 min
Response: 998730
Conc: 3.73 ng/ml



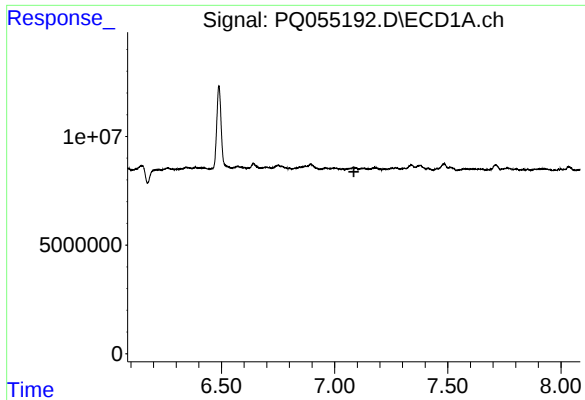
#6 AR-1016-4

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



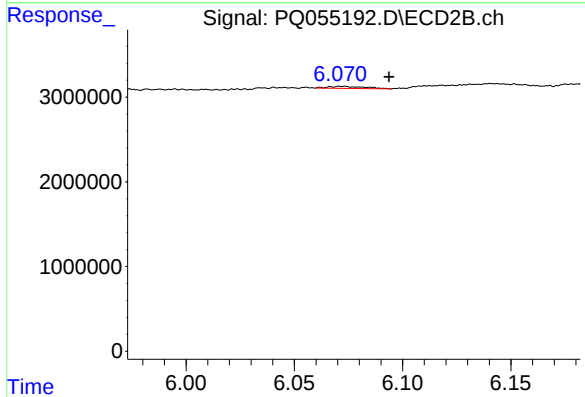
#6 AR-1016-4

R.T.: 5.880 min
Delta R.T.: 0.018 min
Response: 1617741
Conc: 7.46 ng/ml



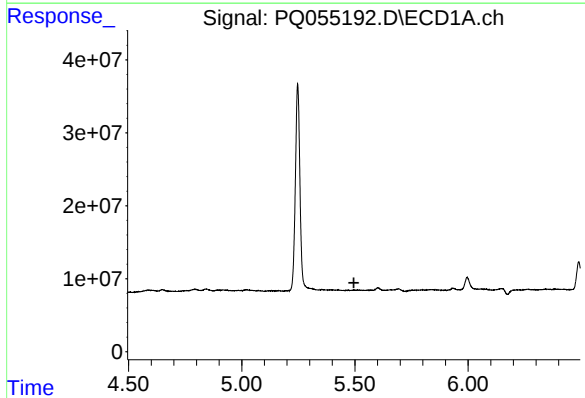
#7 AR-1016-5

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



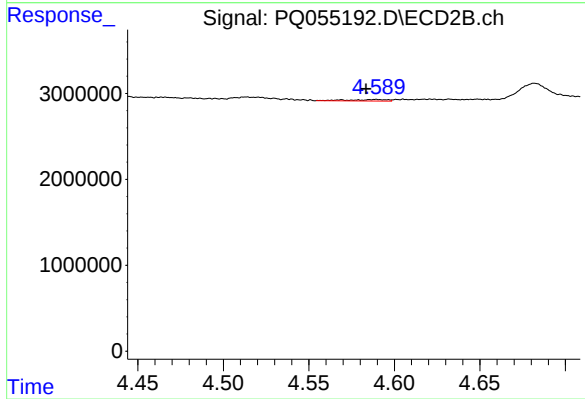
#7 AR-1016-5

R.T.: 6.072 min
Delta R.T.: -0.022 min
Response: 290278
Conc: 1.06 ng/ml



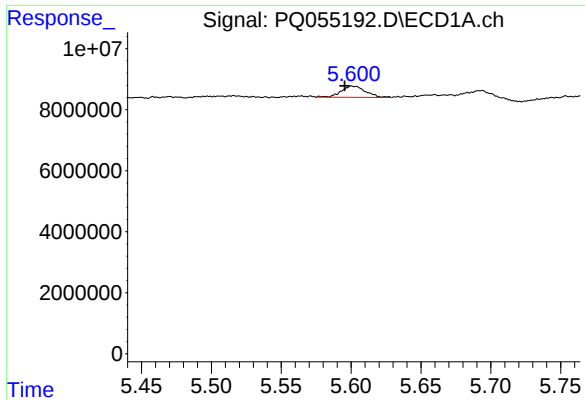
#8 AR-1221-1

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



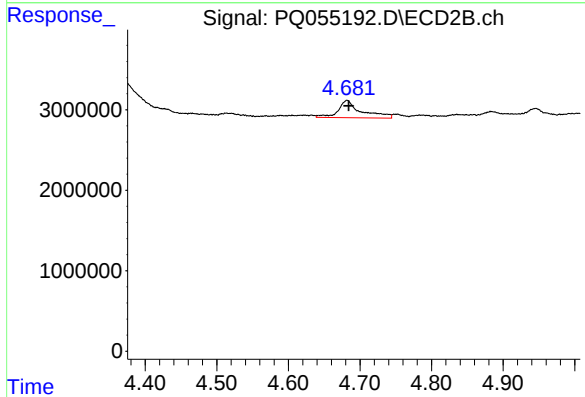
#8 AR-1221-1

R.T.: 4.590 min
Delta R.T.: 0.006 min
Response: 269542
Conc: 2.50 ng/ml



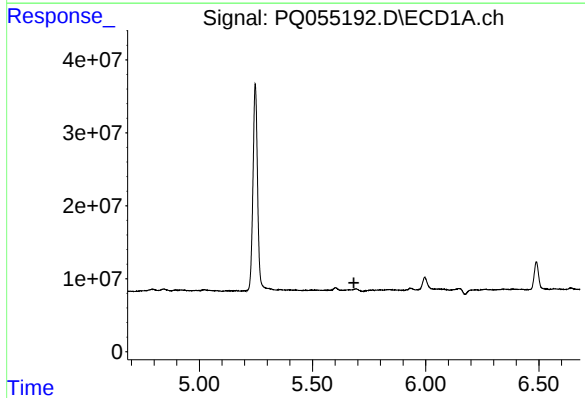
#9 AR-1221-2

R.T.: 5.600 min
Delta R.T.: 0.005 min
Response: 4539695
Conc: 25.94 ng/ml



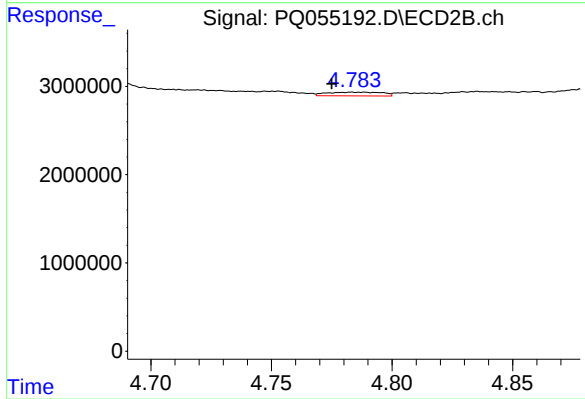
#9 AR-1221-2

R.T.: 4.682 min
Delta R.T.: -0.002 min
Response: 4823659
Conc: 62.25 ng/ml



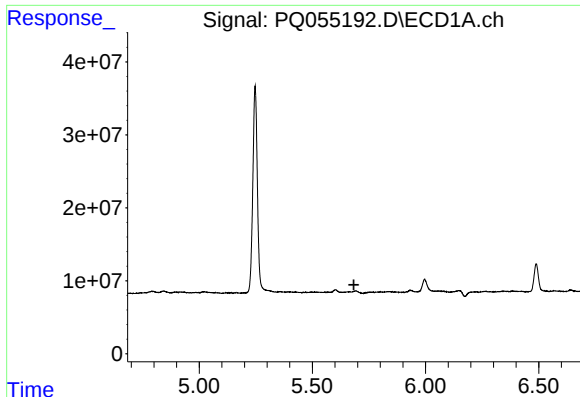
#10 AR-1221-3

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



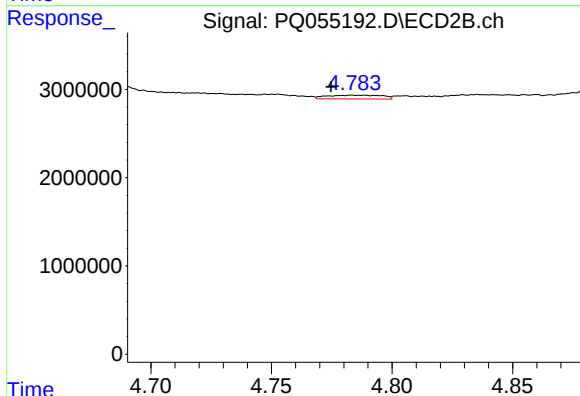
#10 AR-1221-3

R.T.: 4.784 min
Delta R.T.: 0.009 min
Response: 684817
Conc: 2.66 ng/ml



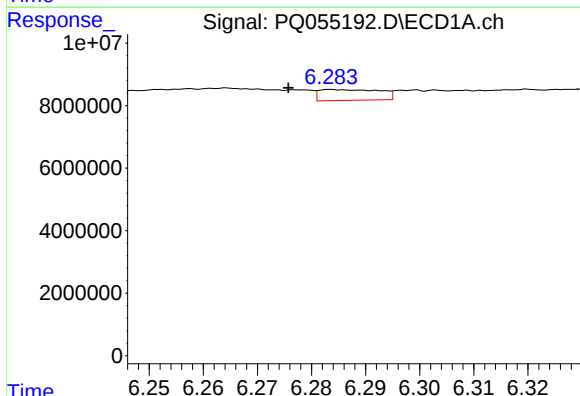
#11 AR-1232-1

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



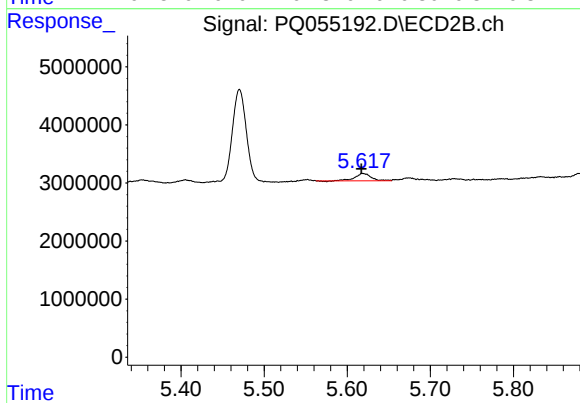
#11 AR-1232-1

R.T.: 4.784 min
Delta R.T.: 0.009 min
Response: 684817
Conc: 3.15 ng/ml



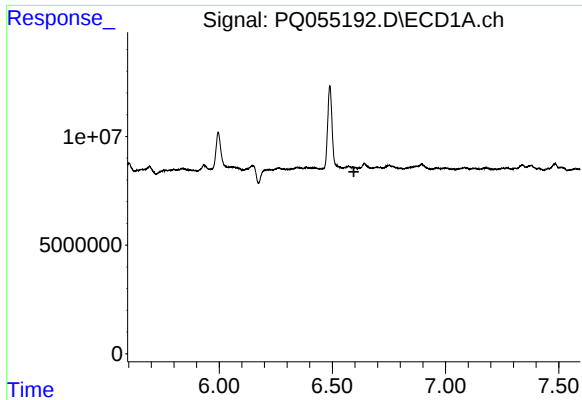
#12 AR-1232-2

R.T.: 6.284 min
Delta R.T.: 0.008 min
Response: 2687742
Conc: 13.46 ng/ml



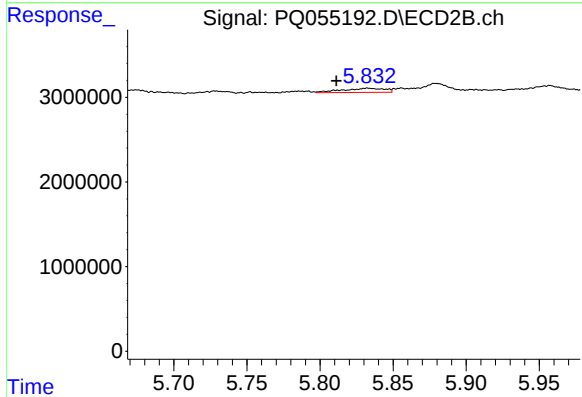
#12 AR-1232-2

R.T.: 5.619 min
Delta R.T.: 0.001 min
Response: 1662050
Conc: 7.89 ng/ml



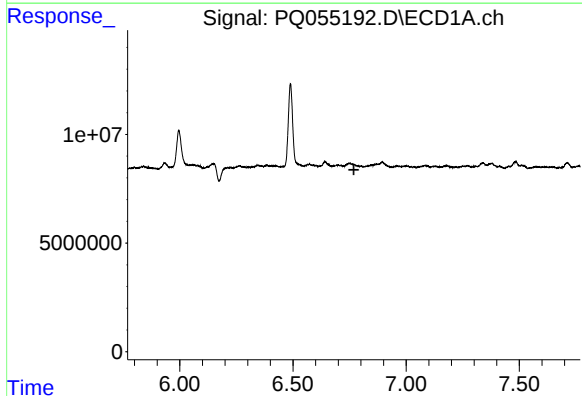
#13 AR-1232-3

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



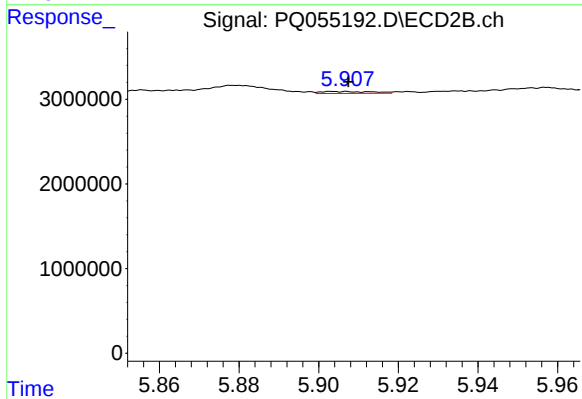
#13 AR-1232-3

R.T.: 5.832 min
Delta R.T.: 0.021 min
Response: 998730
Conc: 9.10 ng/ml



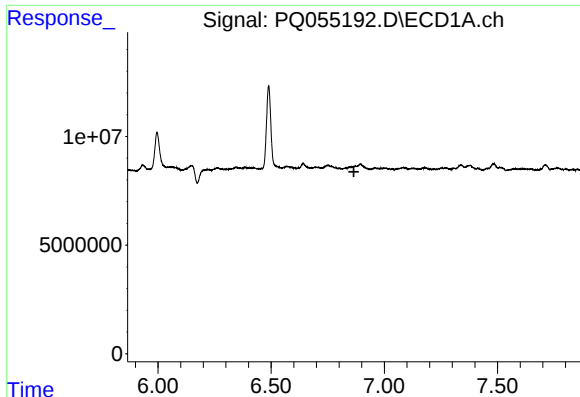
#14 AR-1232-4

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



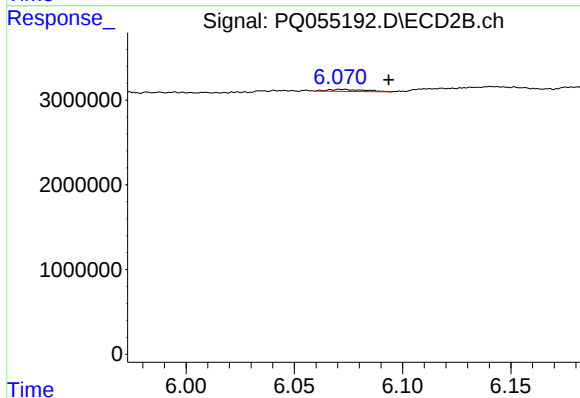
#14 AR-1232-4

R.T.: 5.904 min
Delta R.T.: -0.003 min
Response: 208884
Conc: 2.15 ng/ml



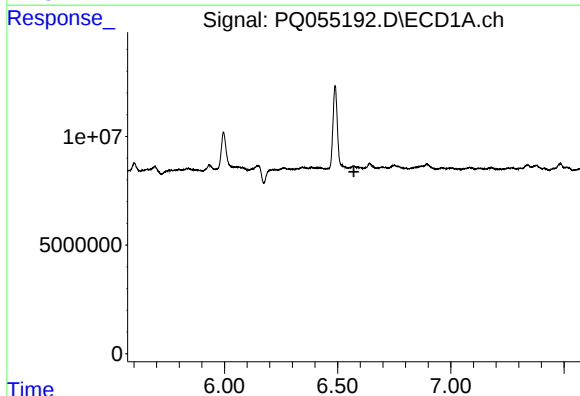
#15 AR-1232-5

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



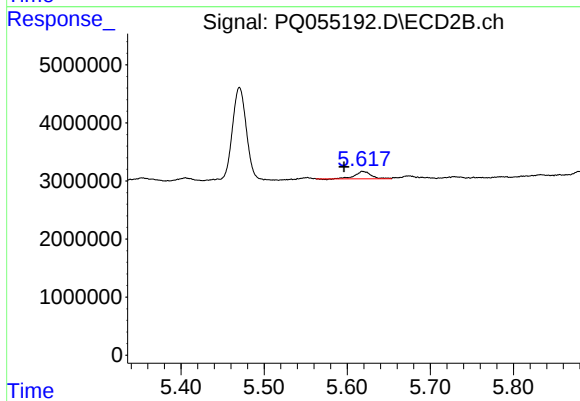
#15 AR-1232-5

R.T.: 6.072 min
Delta R.T.: -0.021 min
Response: 290278
Conc: 2.82 ng/ml



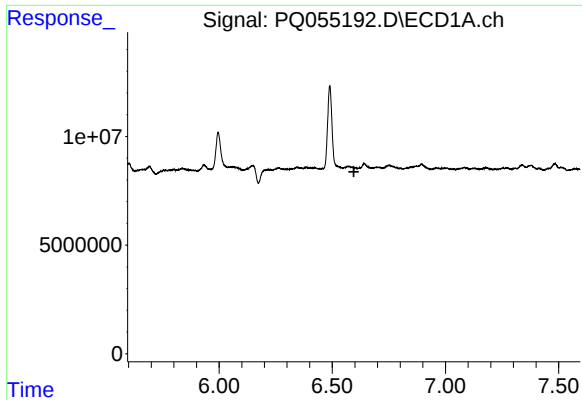
#16 AR-1242-1

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



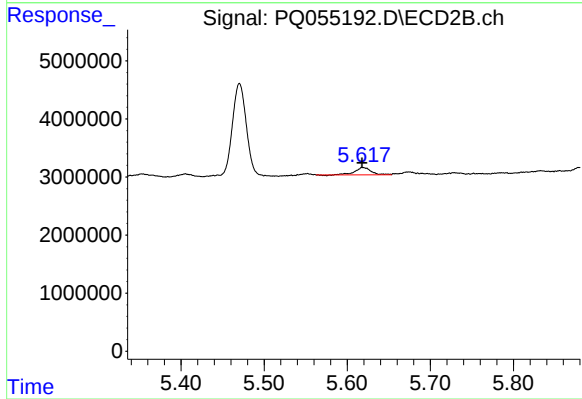
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: 0.022 min
Response: 1662050
Conc: 6.24 ng/ml



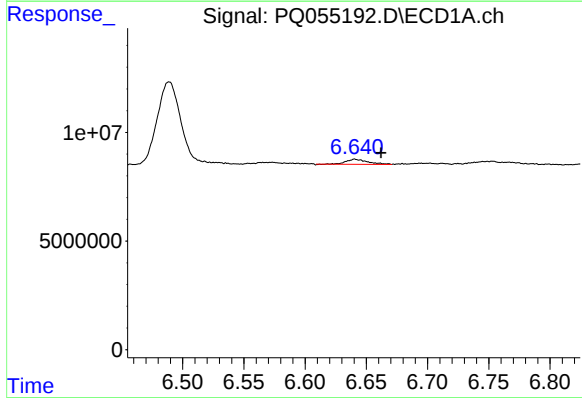
#17 AR-1242-2

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



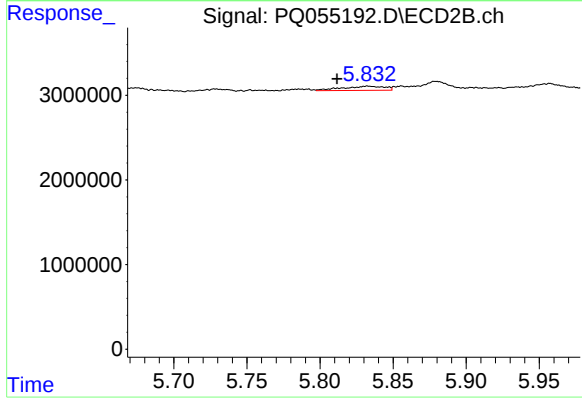
#17 AR-1242-2

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 1662050
Conc: 4.29 ng/ml



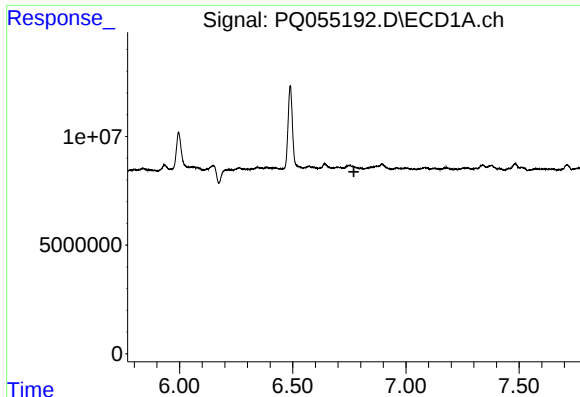
#18 AR-1242-3

R.T.: 6.641 min
Delta R.T.: -0.021 min
Response: 2971213
Conc: 7.02 ng/ml



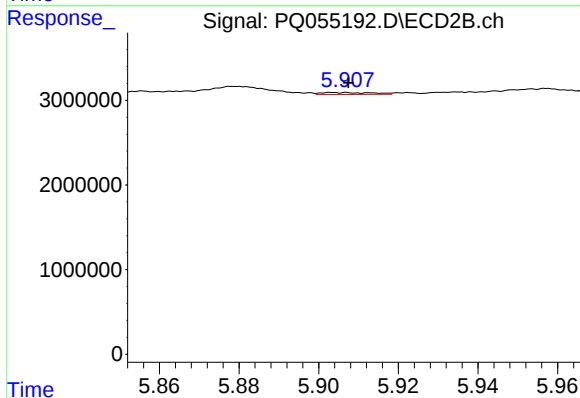
#18 AR-1242-3

R.T.: 5.832 min
Delta R.T.: 0.021 min
Response: 998730
Conc: 4.95 ng/ml



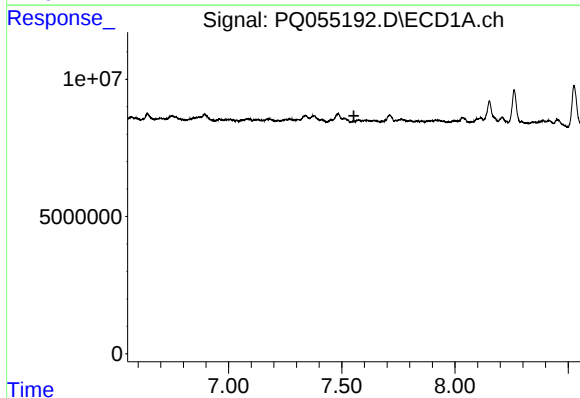
#19 AR-1242-4

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



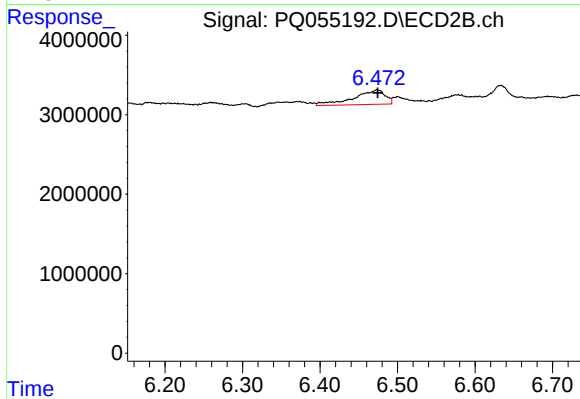
#19 AR-1242-4

R.T.: 5.904 min
Delta R.T.: -0.003 min
Response: 208884
Conc: 1.07 ng/ml



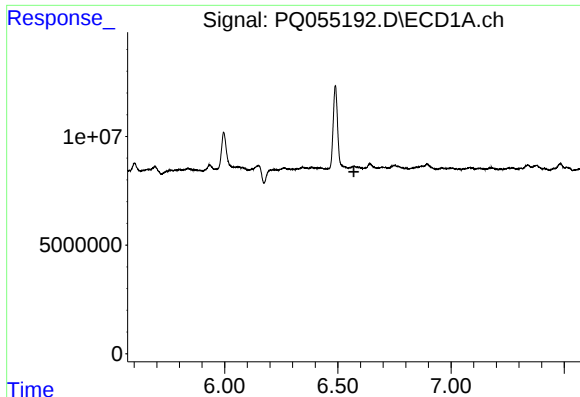
#20 AR-1242-5

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



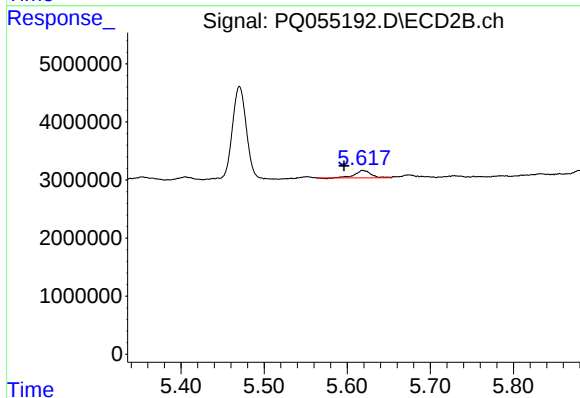
#20 AR-1242-5

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 5139691
Conc: 20.38 ng/ml



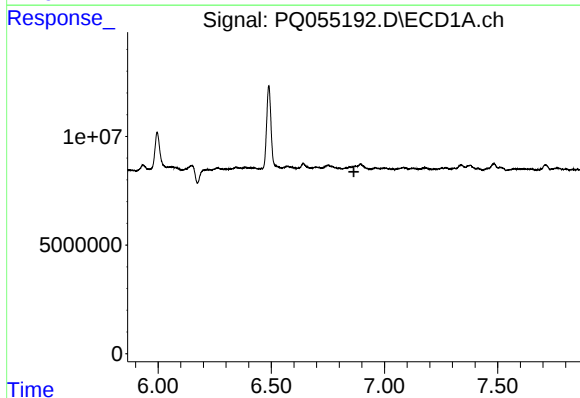
#21 AR-1248-1

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



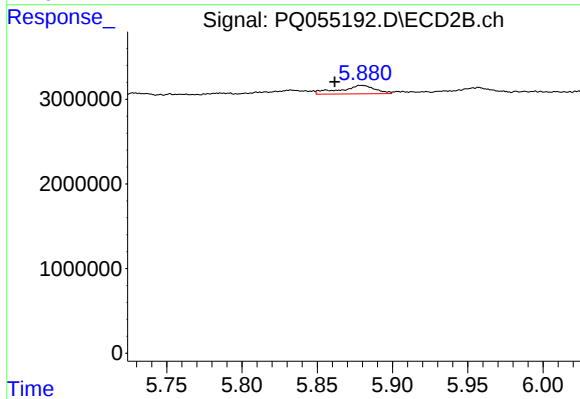
#21 AR-1248-1

R.T.: 5.619 min
Delta R.T.: 0.023 min
Response: 1662050
Conc: 8.30 ng/ml



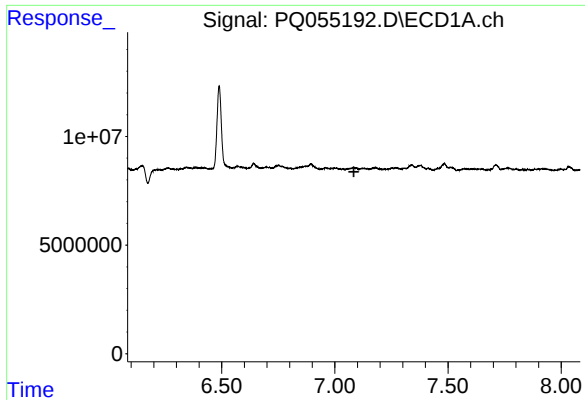
#22 AR-1248-2

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



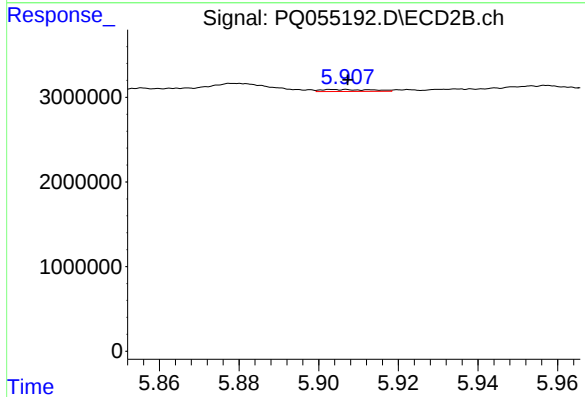
#22 AR-1248-2

R.T.: 5.880 min
Delta R.T.: 0.018 min
Response: 1617741
Conc: 5.75 ng/ml



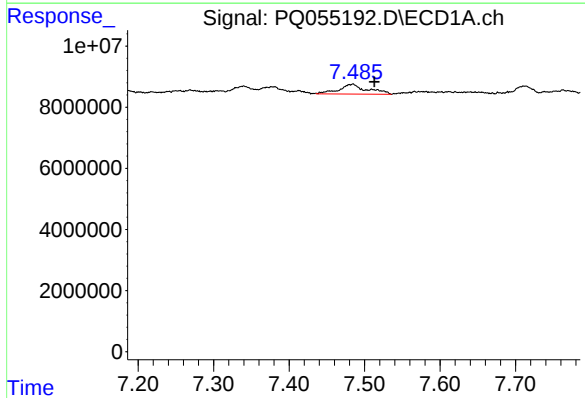
#23 AR-1248-3

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



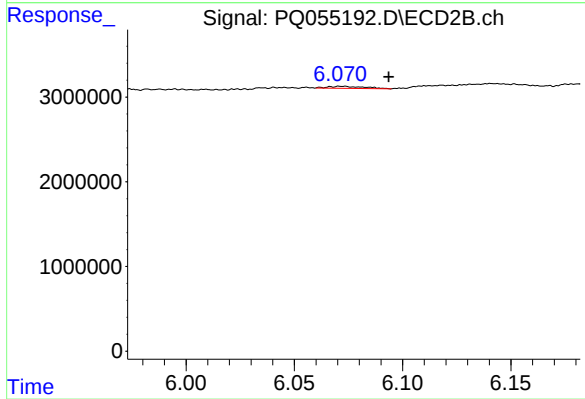
#23 AR-1248-3

R.T.: 5.904 min
Delta R.T.: -0.003 min
Response: 208884
Conc: 0.71 ng/ml



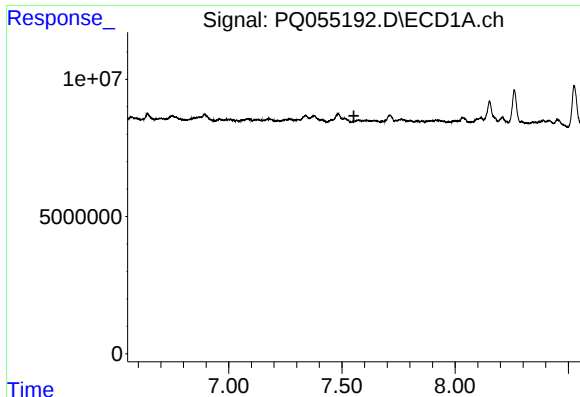
#24 AR-1248-4

R.T.: 7.485 min
Delta R.T.: -0.028 min
Response: 8456603
Conc: 13.94 ng/ml



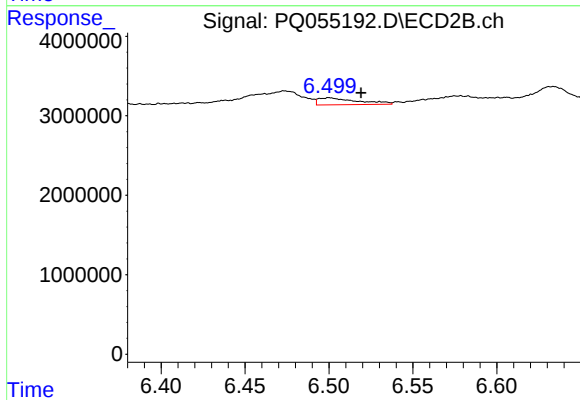
#24 AR-1248-4

R.T.: 6.072 min
Delta R.T.: -0.021 min
Response: 290278
Conc: 0.83 ng/ml



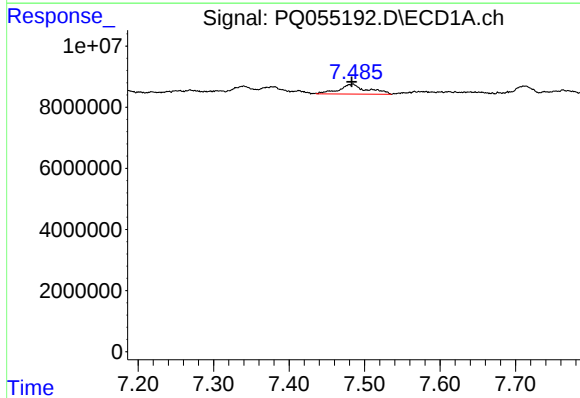
#25 AR-1248-5

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



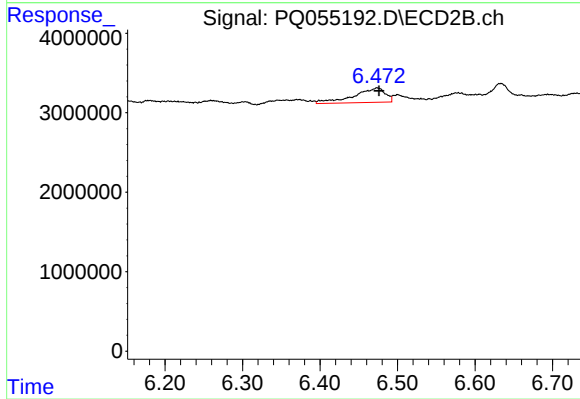
#25 AR-1248-5

R.T.: 6.500 min
Delta R.T.: -0.019 min
Response: 1398590
Conc: 4.02 ng/ml



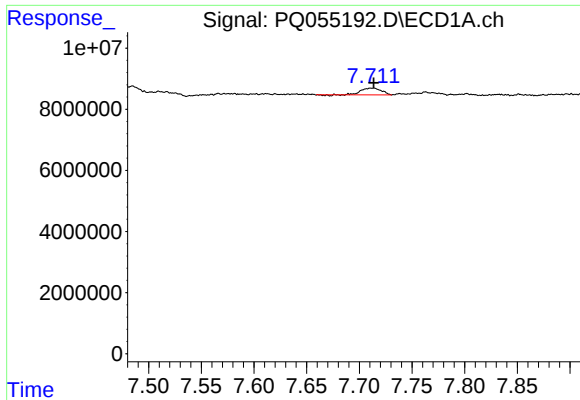
#26 AR-1254-1

R.T.: 7.485 min
Delta R.T.: 0.002 min
Response: 8456603
Conc: 14.41 ng/ml



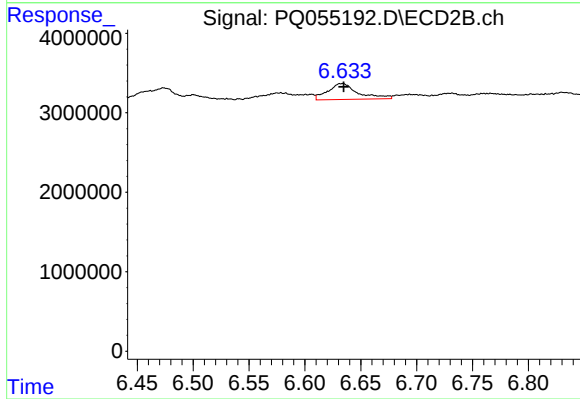
#26 AR-1254-1

R.T.: 6.474 min
Delta R.T.: -0.002 min
Response: 5139691
Conc: 9.29 ng/ml



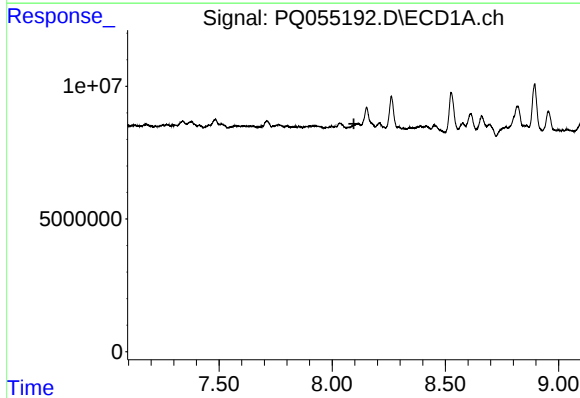
#27 AR-1254-2

R.T.: 7.712 min
Delta R.T.: -0.002 min
Response: 2908267
Conc: 3.21 ng/ml



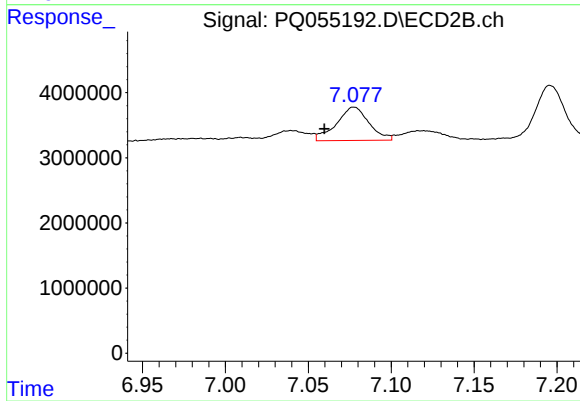
#27 AR-1254-2

R.T.: 6.633 min
Delta R.T.: -0.001 min
Response: 3765451
Conc: 7.96 ng/ml



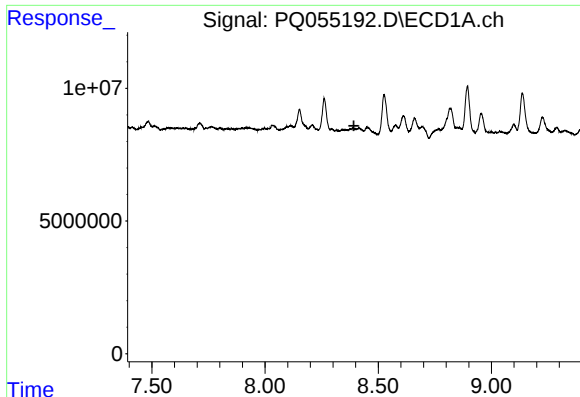
#28 AR-1254-3

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



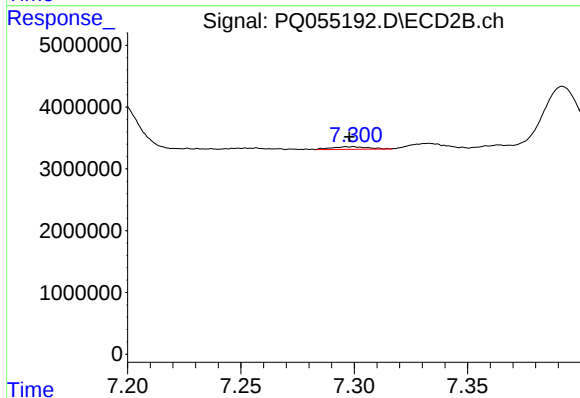
#28 AR-1254-3

R.T.: 7.078 min
Delta R.T.: 0.018 min
Response: 7001099
Conc: 8.92 ng/ml



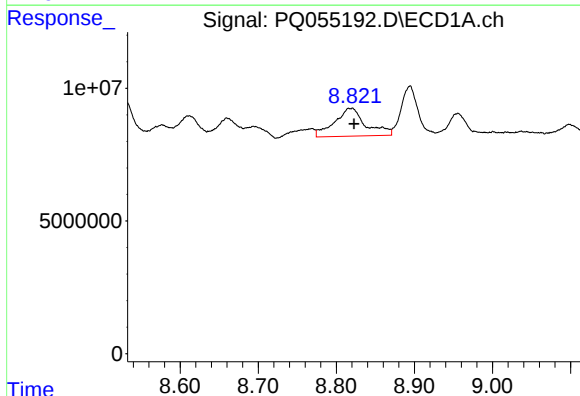
#29 AR-1254-4

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



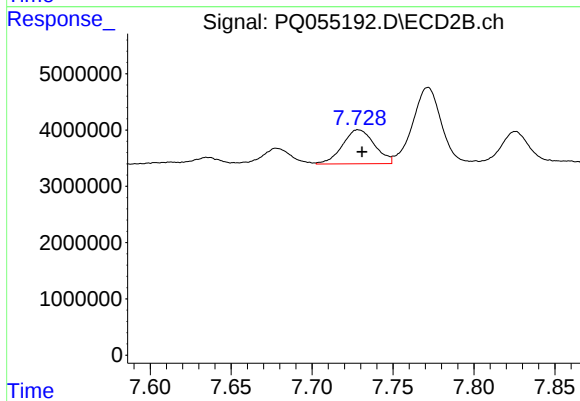
#29 AR-1254-4

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 467175
Conc: 0.98 ng/ml



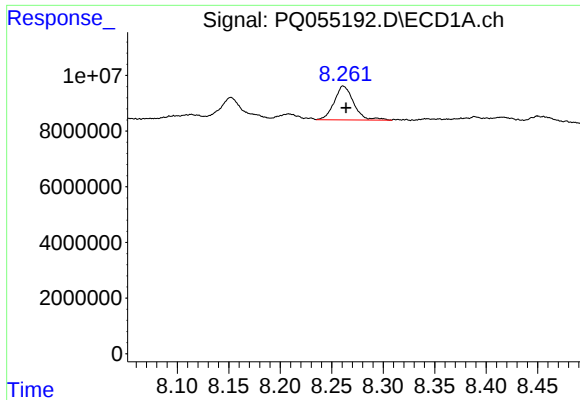
#30 AR-1254-5

R.T.: 8.820 min
Delta R.T.: -0.002 min
Response: 29410142
Conc: 36.23 ng/ml



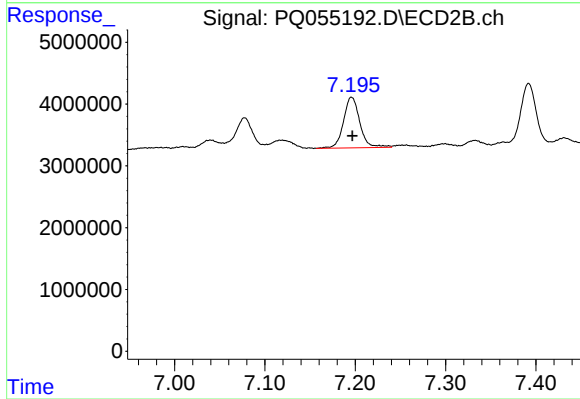
#30 AR-1254-5

R.T.: 7.729 min
Delta R.T.: -0.002 min
Response: 8352406
Conc: 12.49 ng/ml



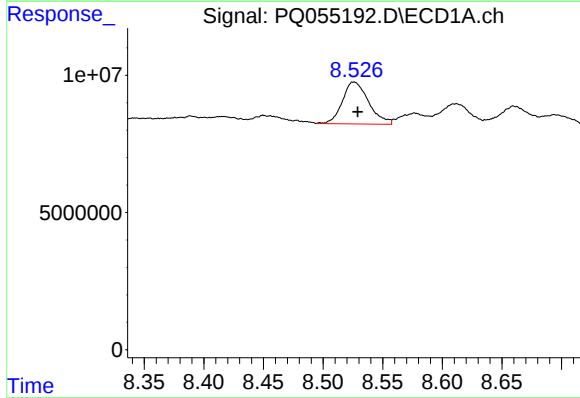
#31 AR-1260-1

R.T.: 8.261 min
Delta R.T.: -0.003 min
Response: 16008654
Conc: 22.77 ng/ml



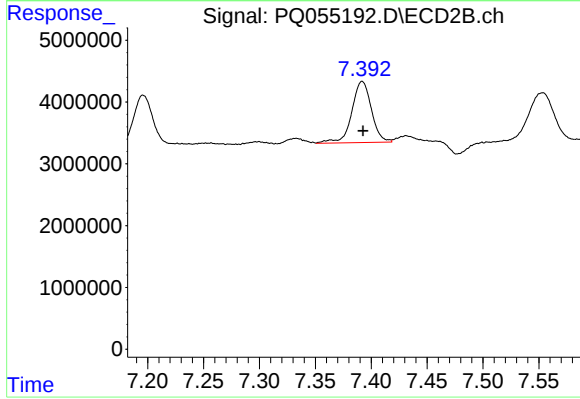
#31 AR-1260-1

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 10257039
Conc: 20.46 ng/ml



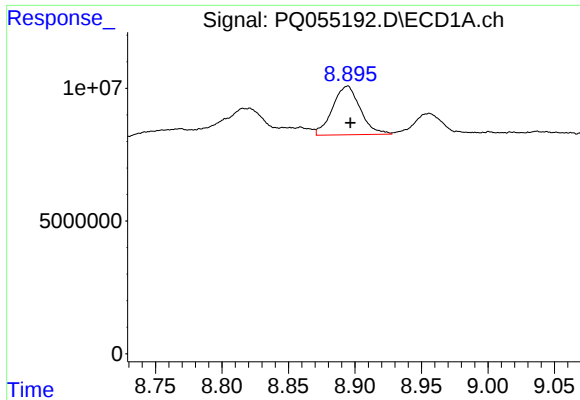
#32 AR-1260-2

R.T.: 8.526 min
Delta R.T.: -0.003 min
Response: 23434938
Conc: 28.24 ng/ml



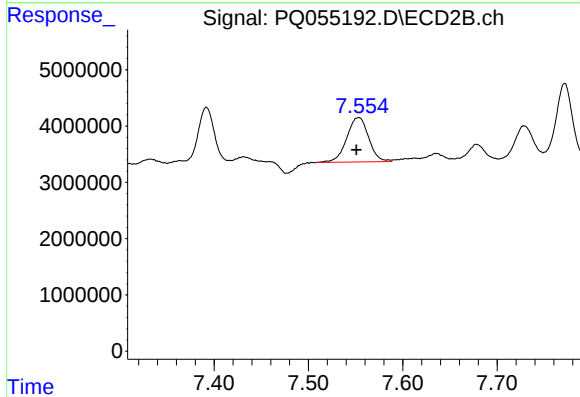
#32 AR-1260-2

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 12082694
Conc: 19.98 ng/ml



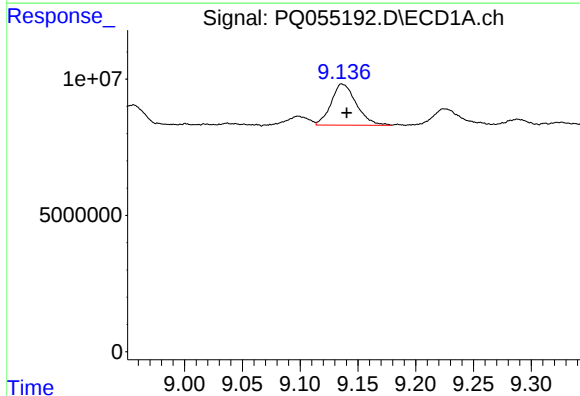
#33 AR-1260-3

R.T.: 8.894 min
Delta R.T.: -0.002 min
Response: 26624600
Conc: 41.89 ng/ml



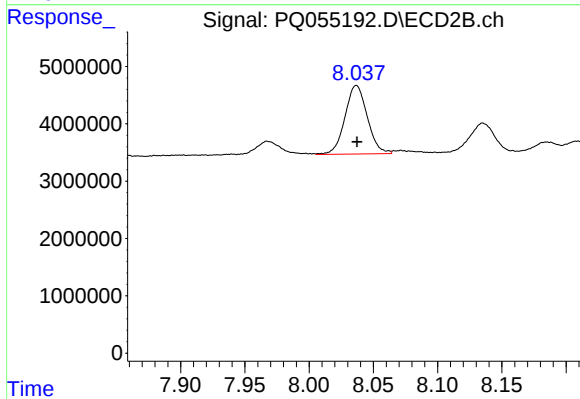
#33 AR-1260-3

R.T.: 7.553 min
Delta R.T.: 0.002 min
Response: 12784016
Conc: 22.38 ng/ml



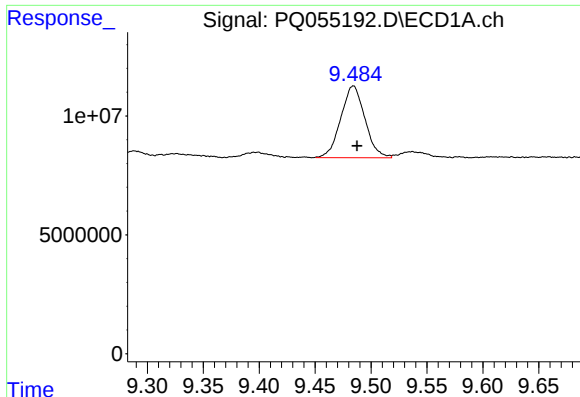
#34 AR-1260-4

R.T.: 9.136 min
Delta R.T.: -0.004 min
Response: 22940811
Conc: 30.09 ng/ml



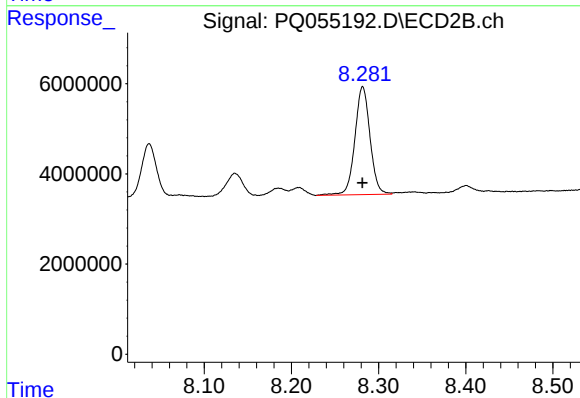
#34 AR-1260-4

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 14472406
Conc: 30.54 ng/ml



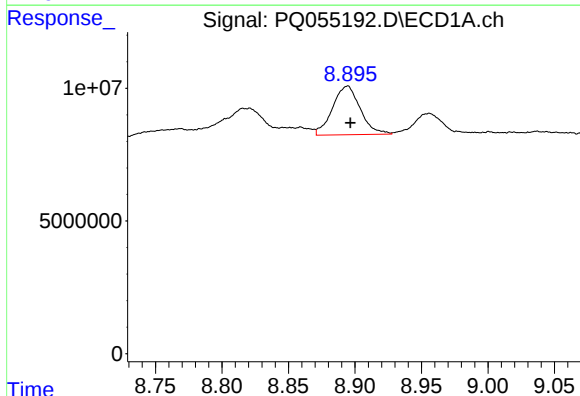
#35 AR-1260-5

R.T.: 9.484 min
Delta R.T.: -0.003 min
Response: 45407322
Conc: 29.46 ng/ml



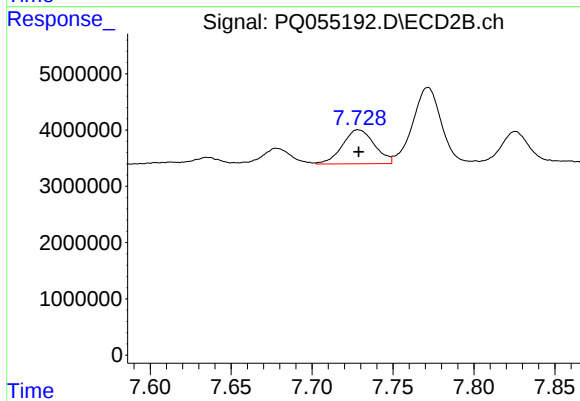
#35 AR-1260-5

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 28905094
Conc: 25.03 ng/ml



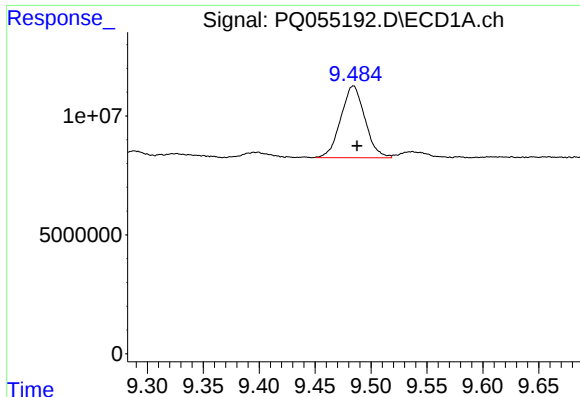
#36 AR-1262-1

R.T.: 8.894 min
Delta R.T.: -0.002 min
Response: 26624600
Conc: 30.87 ng/ml



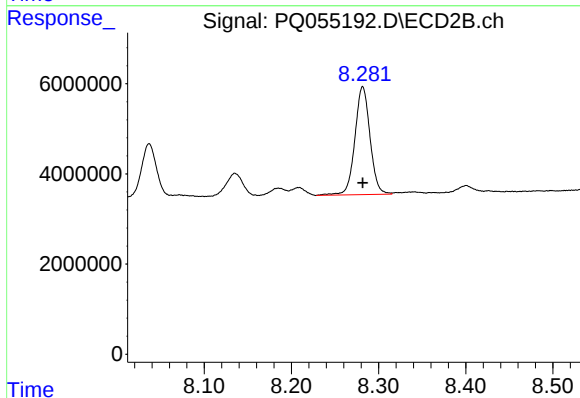
#36 AR-1262-1

R.T.: 7.729 min
Delta R.T.: 0.000 min
Response: 8352406
Conc: 24.56 ng/ml



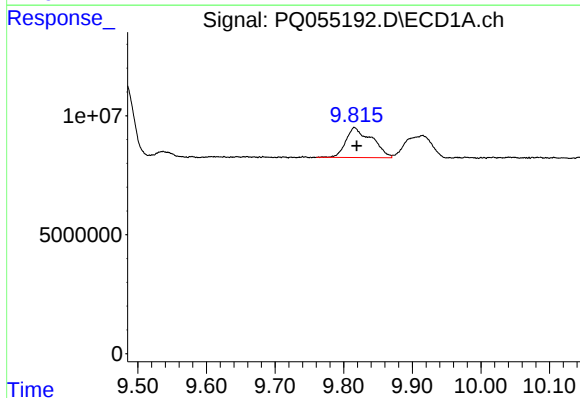
#37 AR-1262-2

R.T.: 9.484 min
Delta R.T.: -0.003 min
Response: 45407322
Conc: 27.42 ng/ml



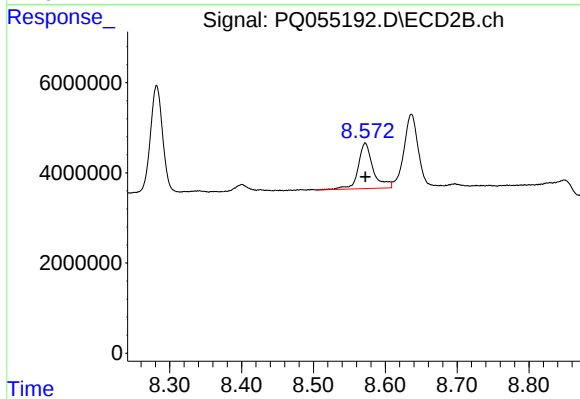
#37 AR-1262-2

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 28905094
Conc: 23.45 ng/ml



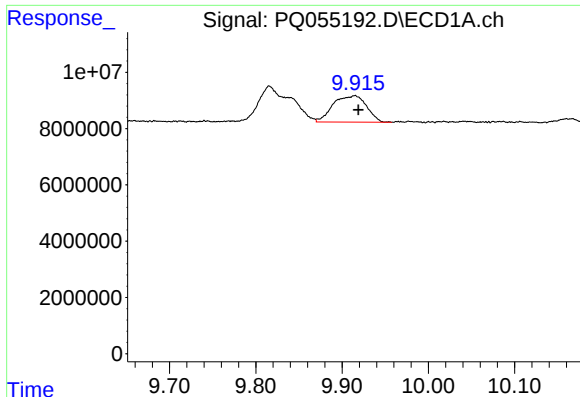
#38 AR-1262-3

R.T.: 9.816 min
Delta R.T.: -0.003 min
Response: 33111133
Conc: 41.14 ng/ml



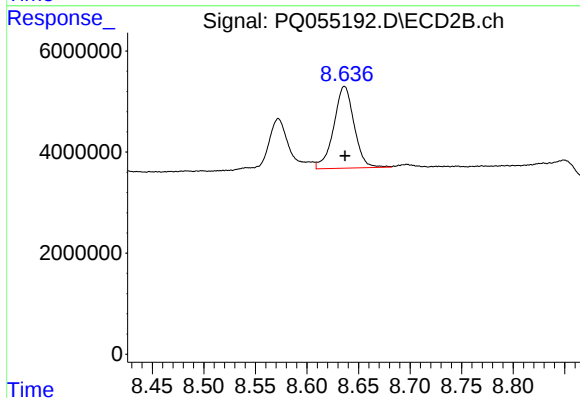
#38 AR-1262-3

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 14528177
Conc: 31.43 ng/ml



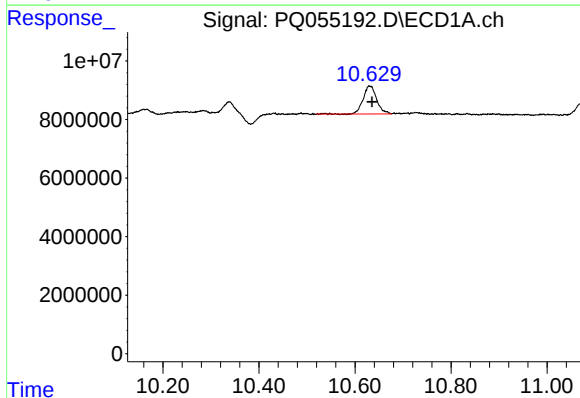
#39 AR-1262-4

R.T.: 9.915 min
Delta R.T.: -0.004 min
Response: 25272109
Conc: 51.77 ng/ml



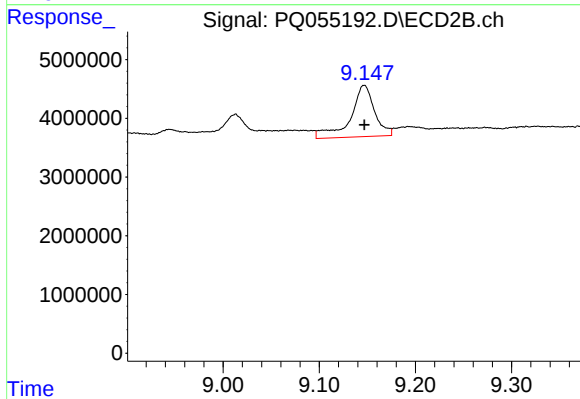
#39 AR-1262-4

R.T.: 8.636 min
Delta R.T.: 0.000 min
Response: 22293577
Conc: 24.98 ng/ml



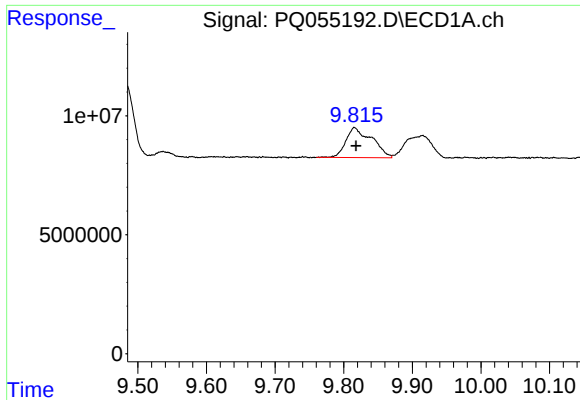
#40 AR-1262-5

R.T.: 10.630 min
Delta R.T.: -0.006 min
Response: 18830691
Conc: 27.84 ng/ml



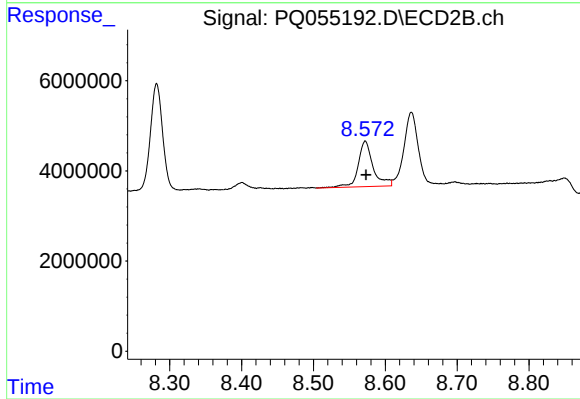
#40 AR-1262-5

R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 15219955
Conc: 37.90 ng/ml



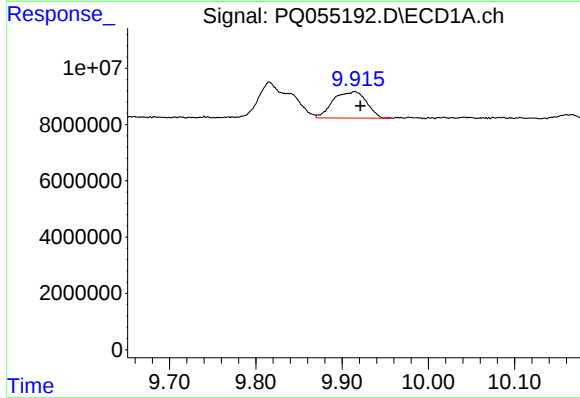
#41 AR-1268-1

R.T.: 9.816 min
Delta R.T.: -0.003 min
Response: 33111133
Conc: 16.66 ng/ml



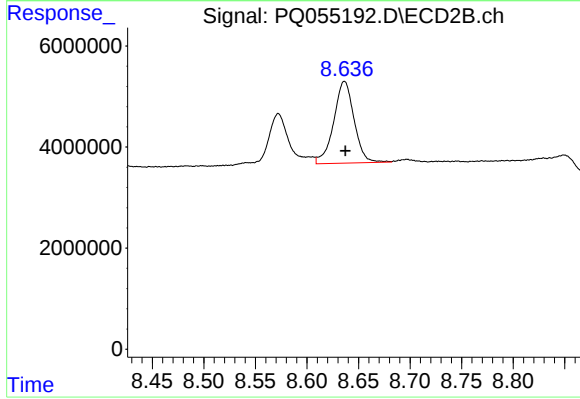
#41 AR-1268-1

R.T.: 8.572 min
Delta R.T.: -0.001 min
Response: 14528177
Conc: 10.27 ng/ml



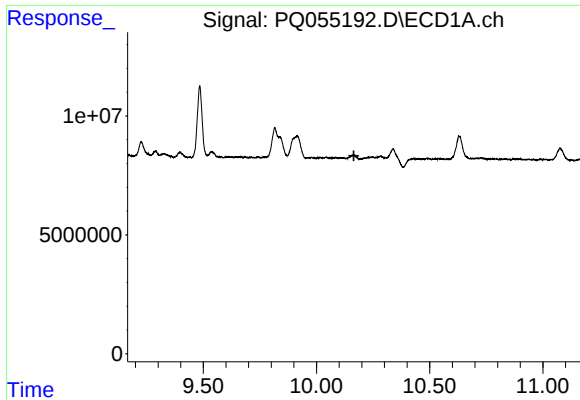
#42 AR-1268-2

R.T.: 9.915 min
Delta R.T.: -0.007 min
Response: 25272109
Conc: 12.91 ng/ml



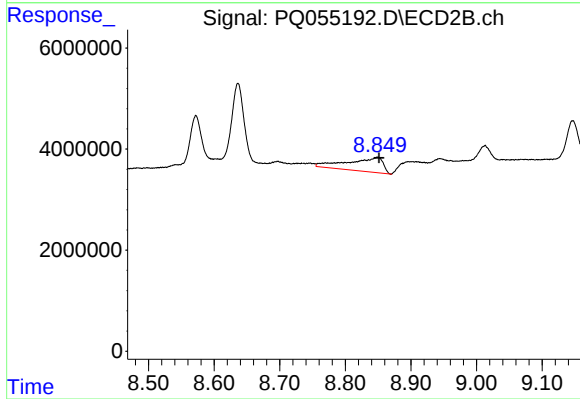
#42 AR-1268-2

R.T.: 8.636 min
Delta R.T.: 0.000 min
Response: 22293577
Conc: 17.11 ng/ml



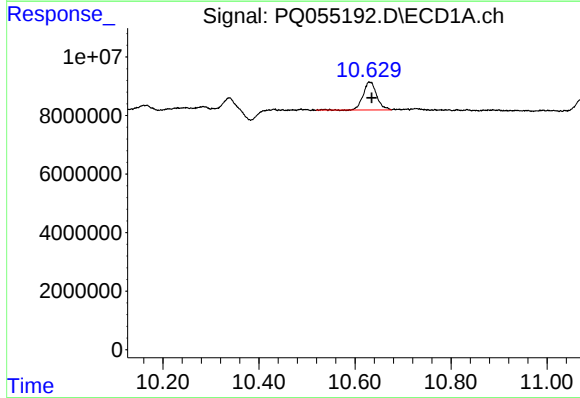
#43 AR-1268-3

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



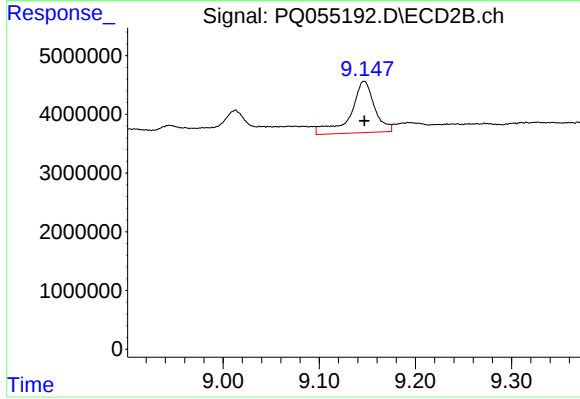
#43 AR-1268-3

R.T.: 8.849 min
Delta R.T.: -0.002 min
Response: 10556775
Conc: 9.65 ng/ml



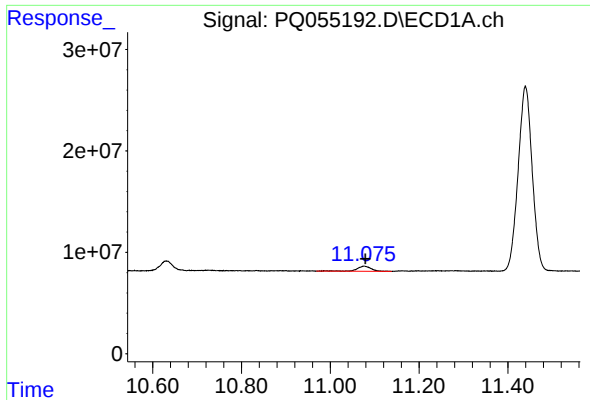
#44 AR-1268-4

R.T.: 10.630 min
Delta R.T.: -0.005 min
Response: 18830691
Conc: 24.84 ng/ml



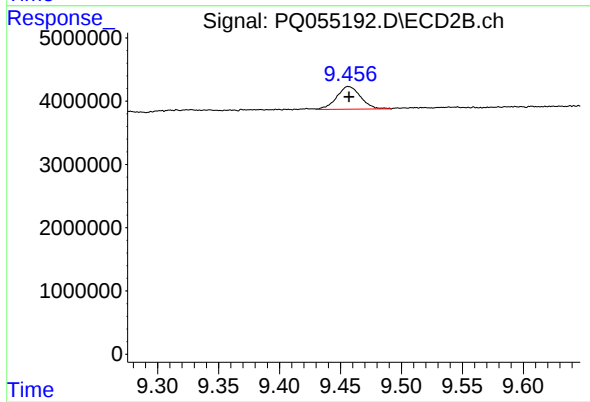
#44 AR-1268-4

R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 15219955
Conc: 33.69 ng/ml



#45 AR-1268-5

R.T.: 11.076 min
Delta R.T.: -0.003 min
Response: 11233181
Conc: 1.96 ng/ml



#45 AR-1268-5

R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 4922766
Conc: 1.39 ng/ml