

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112921\
 Data File : PQ055179.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2021 23:54
 Operator : AJ\MA
 Sample : M4068-01
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 06:31:28 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	4.321	399.7E6	231.4E6	22.733	22.505
2)	SA Decachlor...	11.442	9.731	392.9E6	206.6E6	24.907	23.075
Target Compounds							
3)	L1 AR-1016-1	6.570	5.595	11788380	5120061	19.993	14.282 #
4)	L1 AR-1016-2	6.595	5.617	11805179	7248637	13.133	14.080
5)	L1 AR-1016-3	6.646f	5.811	11006742	4469673	19.601	16.691
6)	L1 AR-1016-4	6.768	5.860	7279257	9100586	15.245	41.953 #
7)	L1 AR-1016-5	7.084	6.092	17427688	8573958	39.983	31.320
8)	L2 AR-1221-1	0.000	4.589	0	46109	N.D.	0.427 #
9)	L2 AR-1221-2	5.602	4.681	5513273	2633104	31.508	33.978
10)	L2 AR-1221-3	5.688	4.776	5721834	369447	12.723	1.435 #
11)	L3 AR-1232-1	5.688	4.776	5721834	369447	15.070	1.700 #
12)	L3 AR-1232-2	6.275	5.617	5225402	7248637	26.170	34.406 #
13)	L3 AR-1232-3	6.595	5.811	11805179	4469673	30.994	40.725 #
14)	L3 AR-1232-4	6.768	5.906	7279257	8197622	35.548	84.448 #
15)	L3 AR-1232-5	6.865	6.092	16375312	8573958	117.769	83.189 #
16)	L4 AR-1242-1	6.570	5.595	11788380	5120061	26.960	19.219 #
17)	L4 AR-1242-2	6.595	5.617	11805179	7248637	17.582	18.715
18)	L4 AR-1242-3	6.646f	5.811	11006742	4469673	26.023	22.165
19)	L4 AR-1242-4	6.768	5.906	7279257	8197622	20.423	41.874 #
20)	L4 AR-1242-5	7.552	6.473	19768266	14860589	54.120	58.935
21)	L5 AR-1248-1	6.570	5.595	11788380	5120061	34.662	25.581 #
22)	L5 AR-1248-2	6.865	5.860	16375312	9100586	35.730	32.367
23)	L5 AR-1248-3	7.084	5.906	17427688	8197622	32.315	28.020
24)	L5 AR-1248-4	7.512	6.092	21166143	8573958	34.882	24.630 #
25)	L5 AR-1248-5	7.552	6.517	19768266	10258110	32.300	29.480
26)	L6 AR-1254-1	7.482	6.473	20996767	14860589	35.767	26.867
27)	L6 AR-1254-2	7.718	6.634	21484460	4874764	23.704	10.301 #
28)	L6 AR-1254-3	8.095	7.058	13961858	7927515	13.717	10.097 #
29)	L6 AR-1254-4	8.392	7.296	19643076	6508595	26.108	13.641 #
30)	L6 AR-1254-5	8.821	7.729	7696202	3231328	9.480	4.831 #
31)	L7 AR-1260-1	0.000	7.208	0	4205759	N.D.	8.391 #
32)	L7 AR-1260-2	8.530	7.391	7232715	2324750	8.716	3.844 #
33)	L7 AR-1260-3	0.000	7.543	0	2358214	N.D.	4.129 #
34)	L7 AR-1260-4	0.000	8.038	0	1012643	N.D.	2.137 #
35)	L7 AR-1260-5	0.000	8.280	0	2617264	N.D.	2.266 #
36)	L8 AR-1262-1	0.000	7.729	0	3231328	N.D.	9.501 #
37)	L8 AR-1262-2	0.000	8.280	0	2617264	N.D.	2.124 #
38)	L8 AR-1262-3	0.000	8.599f	0	8787404	N.D.	19.012 #
39)	L8 AR-1262-4	0.000	8.629	0	3618748	N.D.	4.054 #
40)	L8 AR-1262-5	10.628	9.168f	16609743	7985460	24.555	19.885
41)	L9 AR-1268-1	0.000	8.599f	0	8787404	N.D.	6.211 #

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Integration File signal 1: autoint1.e
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 Quant Time: Nov 30 06:31:28 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

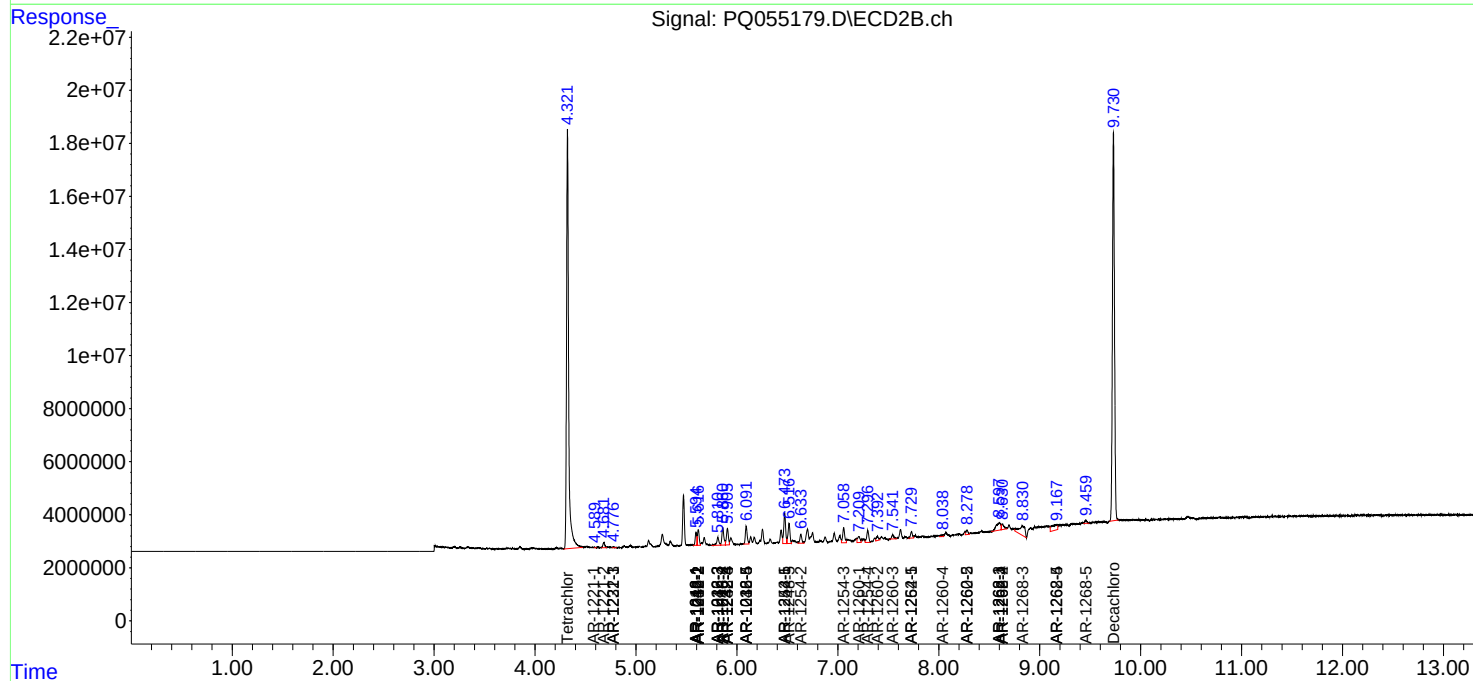
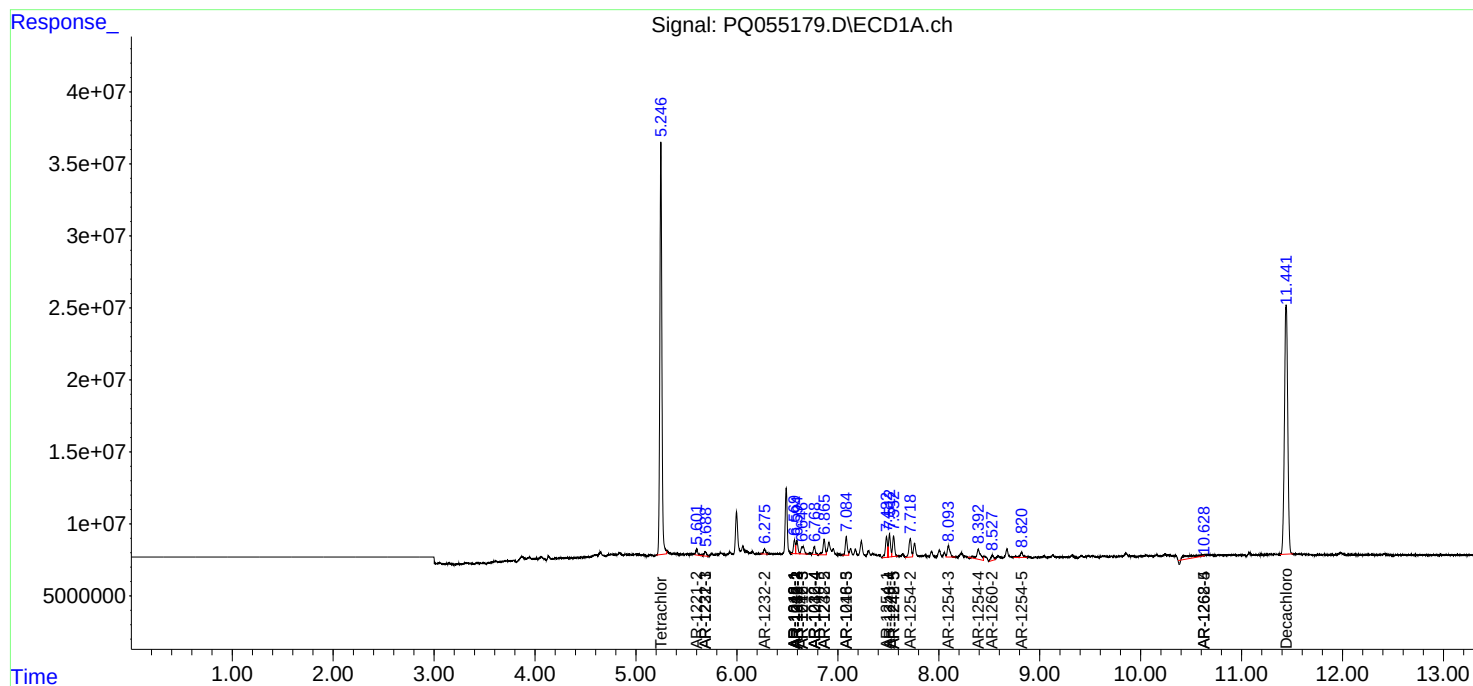
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	8.629	0	3618748	N.D.	2.777 #
43) L9	AR-1268-3	0.000	8.829f	0	14887960	N.D.	13.609 #
44) L9	AR-1268-4	10.628	9.168f	16609743	7985460	21.910	17.676
45) L9	AR-1268-5	0.000	9.458	0	1626643	N.D.	0.460 #

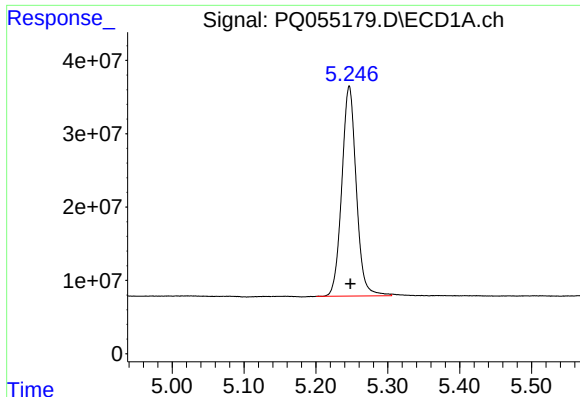
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Acq On : 29 Nov 2021 23:54
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Integration File signal 1: autoint1.e
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Quant Time: Nov 30 06:31:28 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

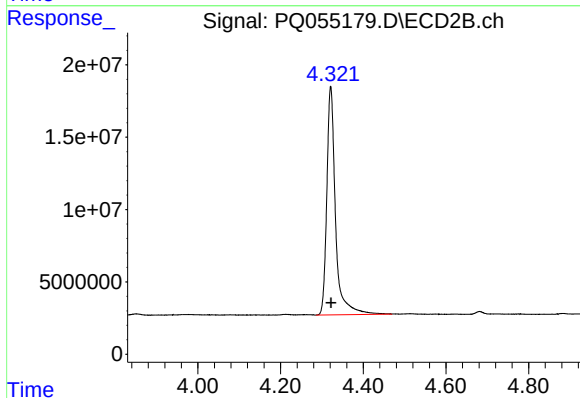
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





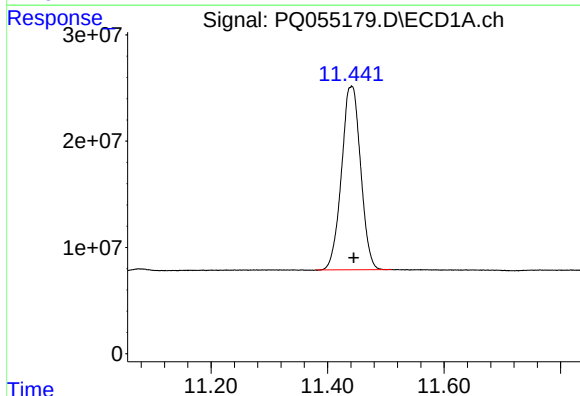
#1 Tetrachloro-m-xylene

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 399684043
Conc: 22.73 ng/ml



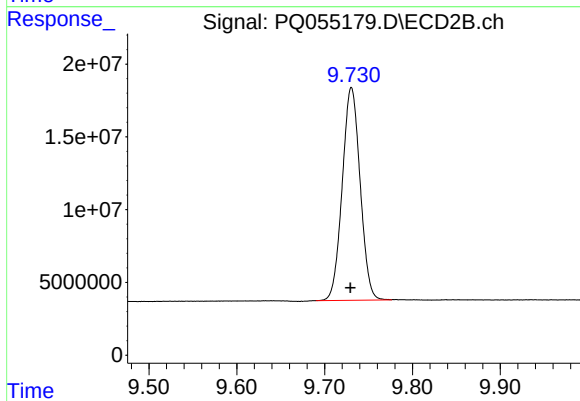
#1 Tetrachloro-m-xylene

R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 231429765
Conc: 22.51 ng/ml



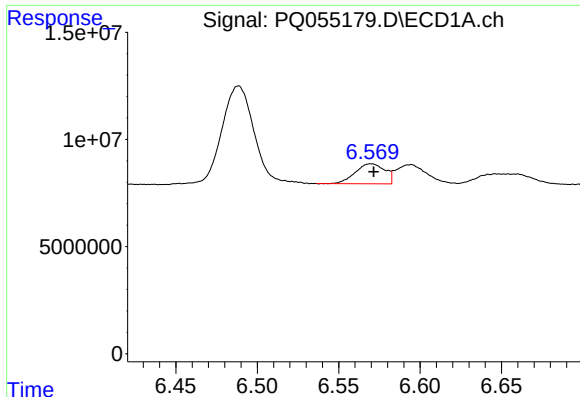
#2 Decachlorobiphenyl

R.T.: 11.442 min
Delta R.T.: -0.003 min
Response: 392854655
Conc: 24.91 ng/ml



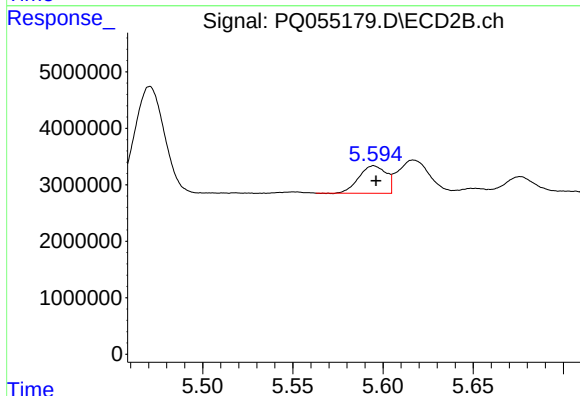
#2 Decachlorobiphenyl

R.T.: 9.731 min
Delta R.T.: 0.001 min
Response: 206619386
Conc: 23.08 ng/ml



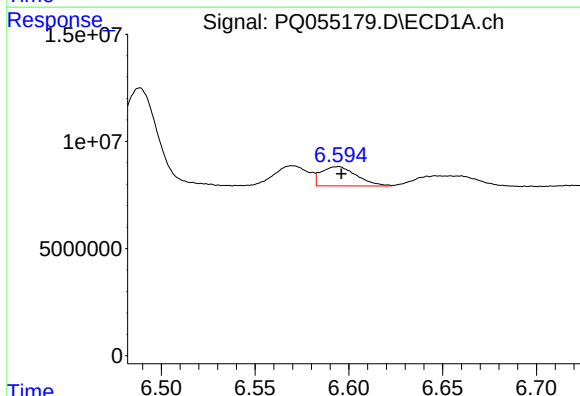
#3 AR-1016-1

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 11788380
Conc: 19.99 ng/ml



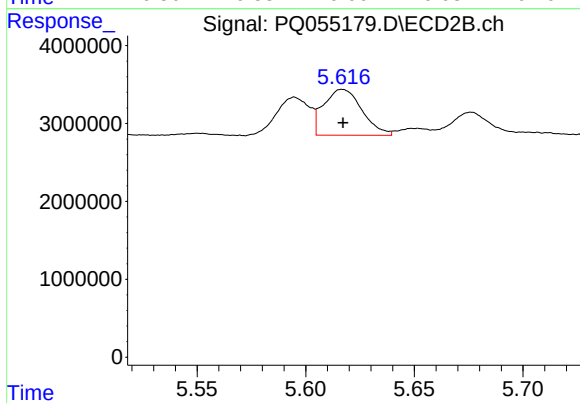
#3 AR-1016-1

R.T.: 5.595 min
Delta R.T.: -0.001 min
Response: 5120061
Conc: 14.28 ng/ml



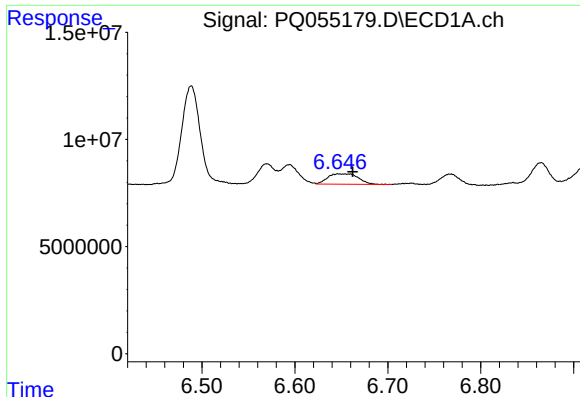
#4 AR-1016-2

R.T.: 6.595 min
Delta R.T.: -0.001 min
Response: 11805179
Conc: 13.13 ng/ml



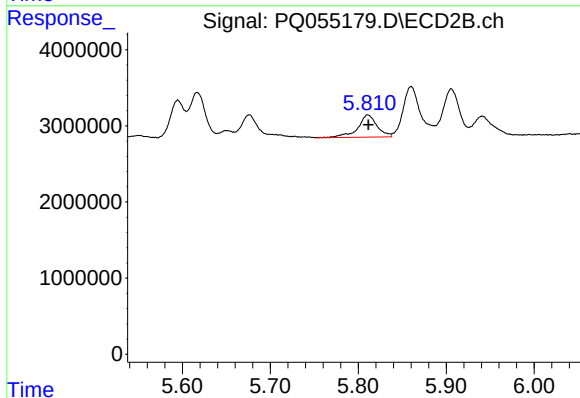
#4 AR-1016-2

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 7248637
Conc: 14.08 ng/ml



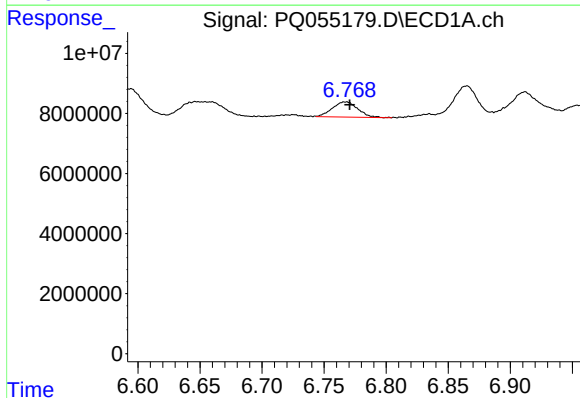
#5 AR-1016-3

R.T.: 6.646 min
Delta R.T.: -0.016 min
Response: 11006742
Conc: 19.60 ng/ml



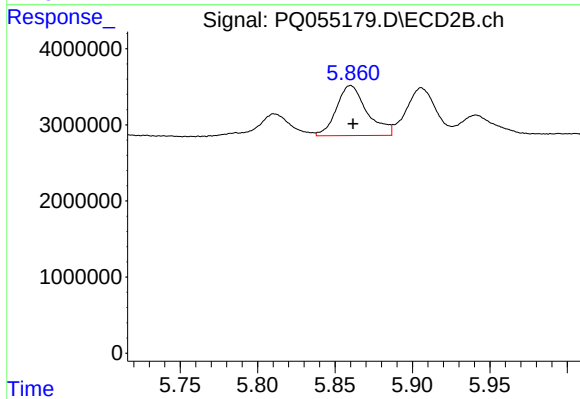
#5 AR-1016-3

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 4469673
Conc: 16.69 ng/ml



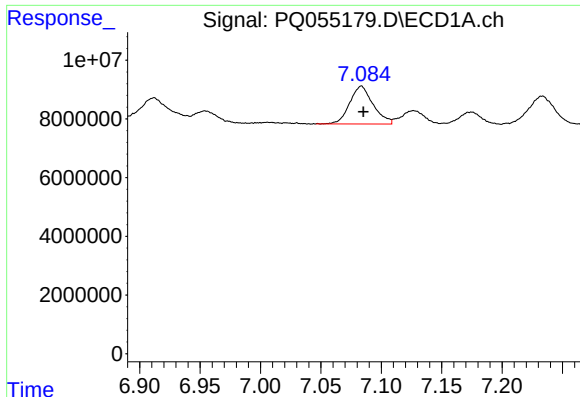
#6 AR-1016-4

R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 7279257
Conc: 15.24 ng/ml



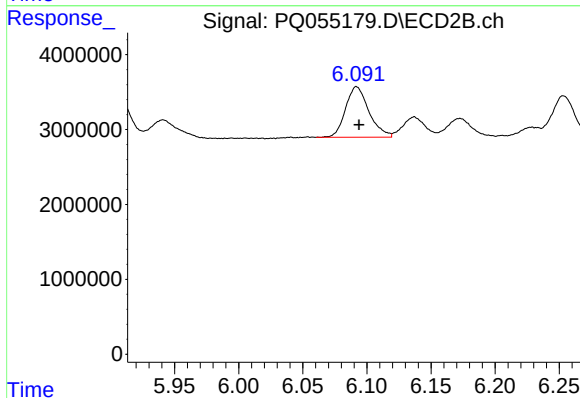
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 9100586
Conc: 41.95 ng/ml



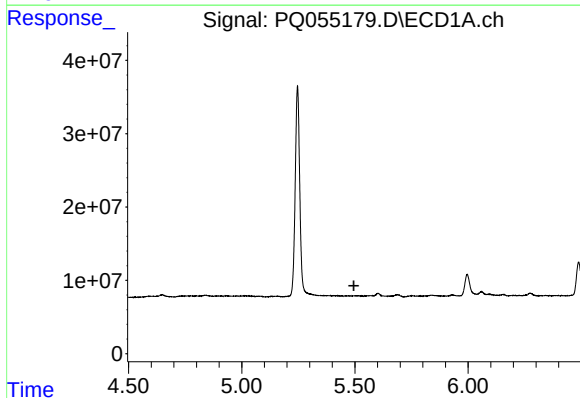
#7 AR-1016-5

R.T.: 7.084 min
Delta R.T.: -0.002 min
Response: 17427688
Conc: 39.98 ng/ml



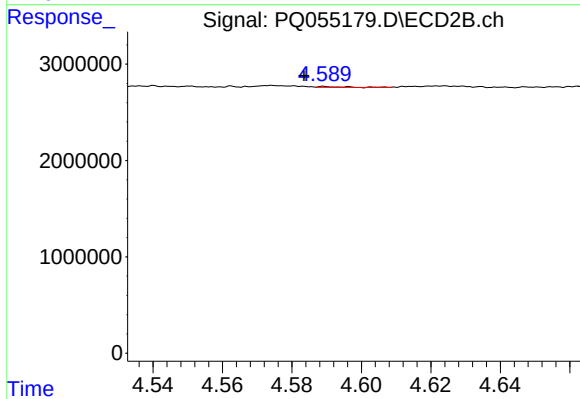
#7 AR-1016-5

R.T.: 6.092 min
Delta R.T.: -0.002 min
Response: 8573958
Conc: 31.32 ng/ml



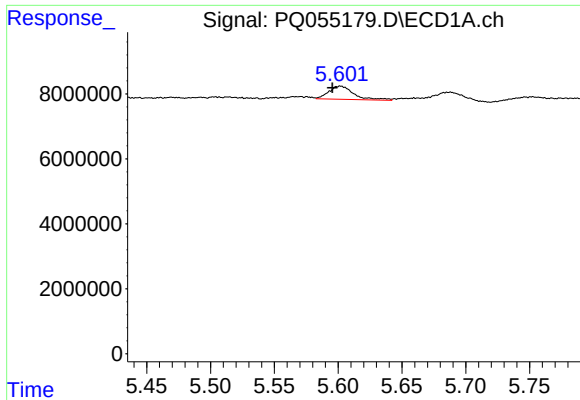
#8 AR-1221-1

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



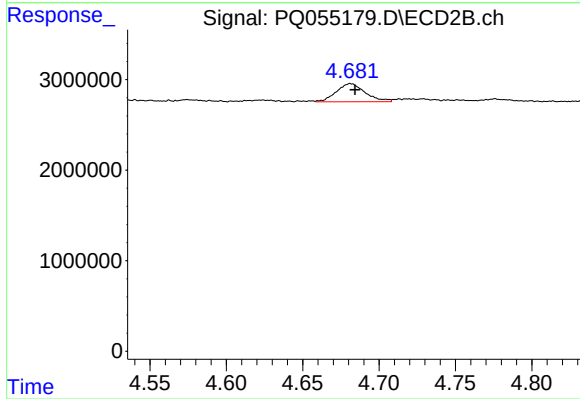
#8 AR-1221-1

R.T.: 4.589 min
Delta R.T.: 0.006 min
Response: 46109
Conc: 0.43 ng/ml



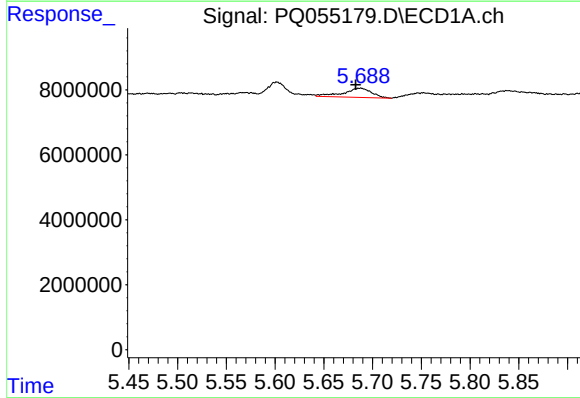
#9 AR-1221-2

R.T.: 5.602 min
Delta R.T.: 0.007 min
Response: 5513273
Conc: 31.51 ng/ml



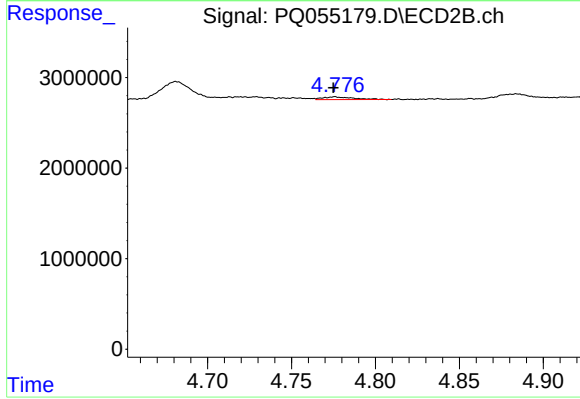
#9 AR-1221-2

R.T.: 4.681 min
Delta R.T.: -0.003 min
Response: 2633104
Conc: 33.98 ng/ml



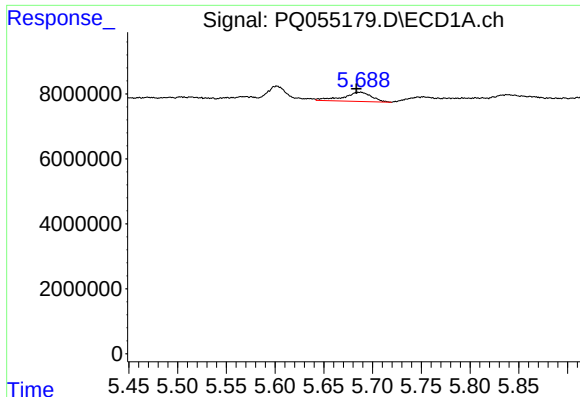
#10 AR-1221-3

R.T.: 5.688 min
Delta R.T.: 0.005 min
Response: 5721834
Conc: 12.72 ng/ml



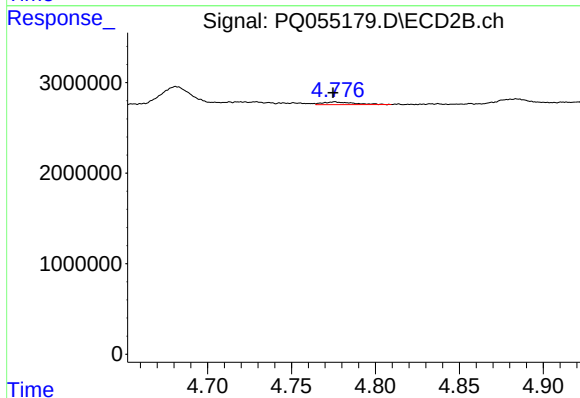
#10 AR-1221-3

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 369447
Conc: 1.43 ng/ml



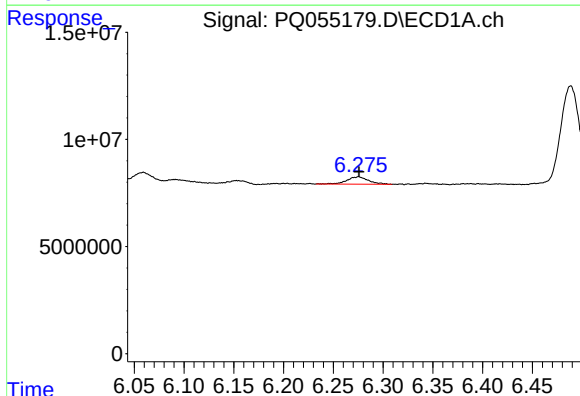
#11 AR-1232-1

R.T.: 5.688 min
Delta R.T.: 0.005 min
Response: 5721834
Conc: 15.07 ng/ml



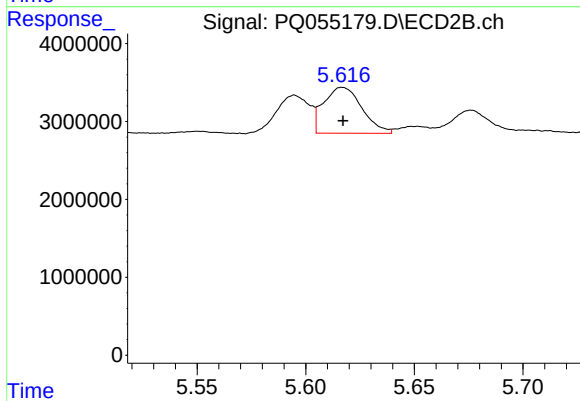
#11 AR-1232-1

R.T.: 4.776 min
Delta R.T.: 0.001 min
Response: 369447
Conc: 1.70 ng/ml



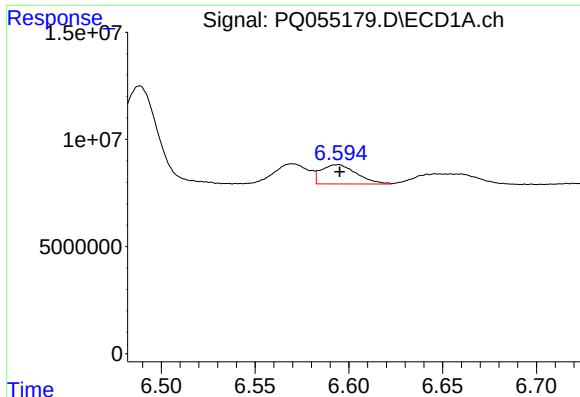
#12 AR-1232-2

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 5225402
Conc: 26.17 ng/ml



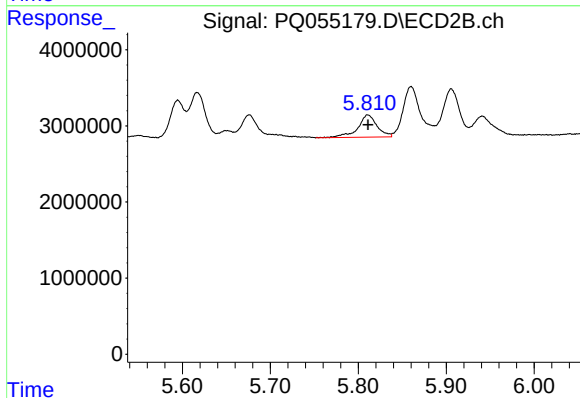
#12 AR-1232-2

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 7248637
Conc: 34.41 ng/ml



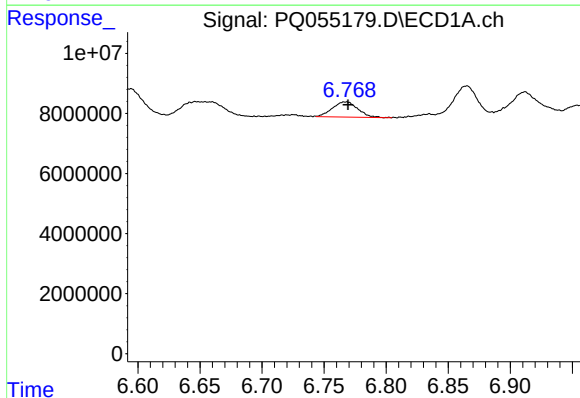
#13 AR-1232-3

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 11805179
Conc: 30.99 ng/ml



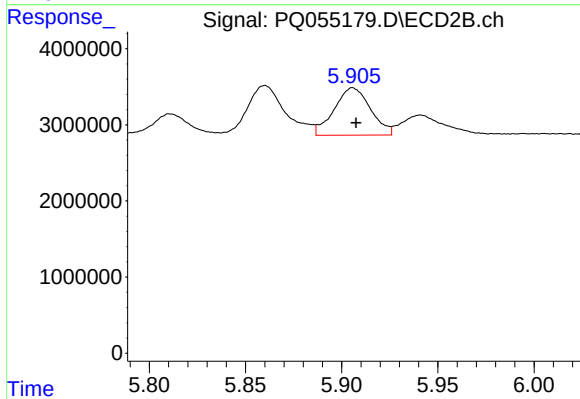
#13 AR-1232-3

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 4469673
Conc: 40.73 ng/ml



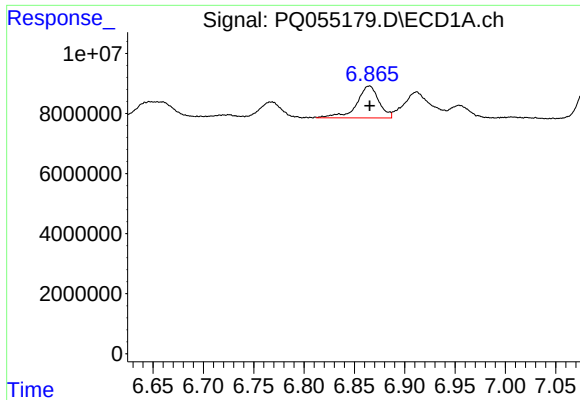
#14 AR-1232-4

R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 7279257
Conc: 35.55 ng/ml



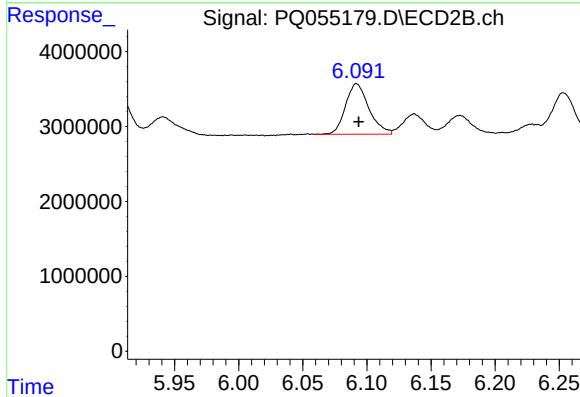
#14 AR-1232-4

R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 8197622
Conc: 84.45 ng/ml



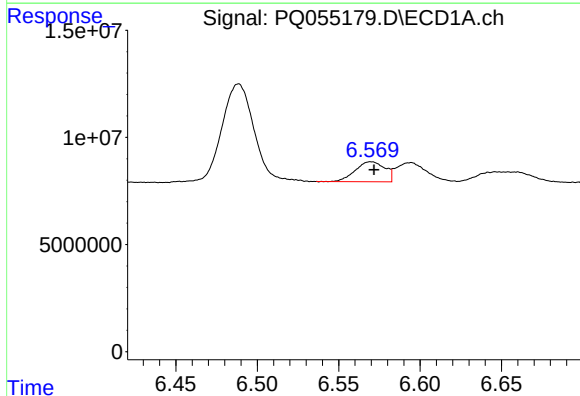
#15 AR-1232-5

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 16375312
Conc: 117.77 ng/ml



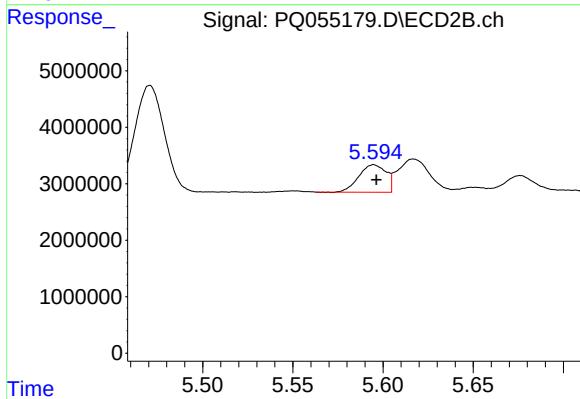
#15 AR-1232-5

R.T.: 6.092 min
Delta R.T.: -0.002 min
Response: 8573958
Conc: 83.19 ng/ml



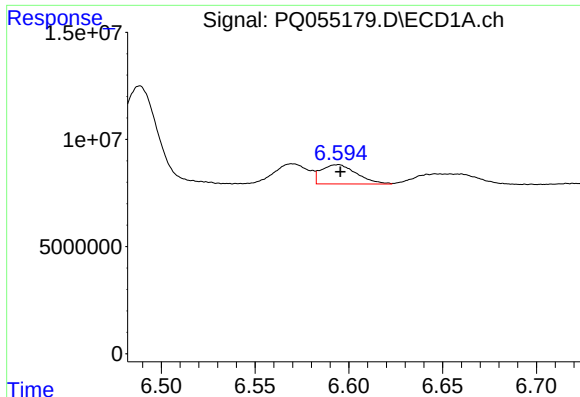
#16 AR-1242-1

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 11788380
Conc: 26.96 ng/ml



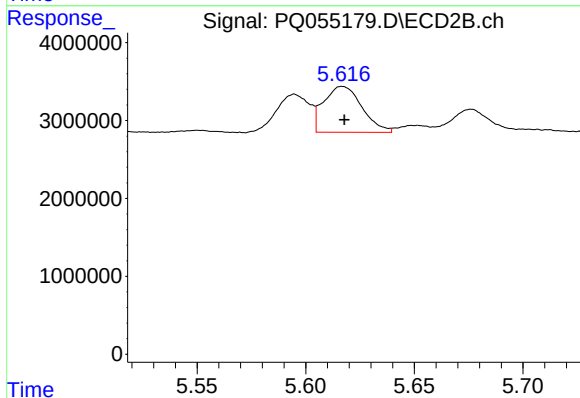
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: -0.001 min
Response: 5120061
Conc: 19.22 ng/ml



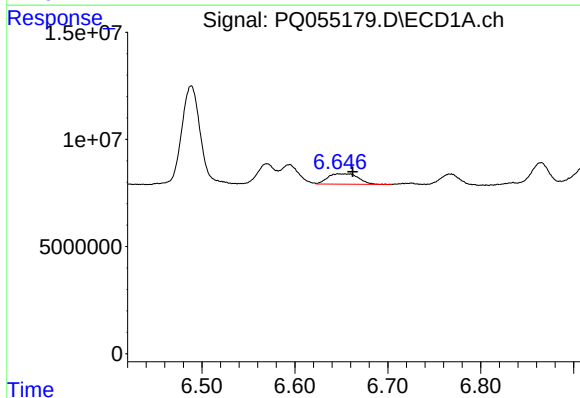
#17 AR-1242-2

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 11805179
Conc: 17.58 ng/ml



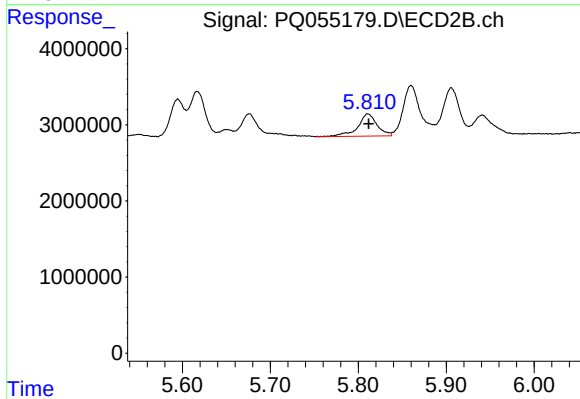
#17 AR-1242-2

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 7248637
Conc: 18.71 ng/ml



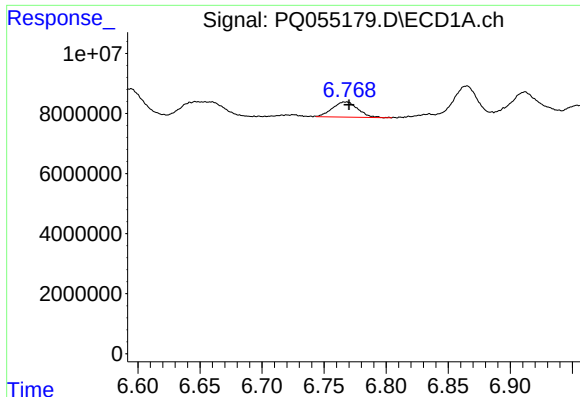
#18 AR-1242-3

R.T.: 6.646 min
Delta R.T.: -0.016 min
Response: 11006742
Conc: 26.02 ng/ml



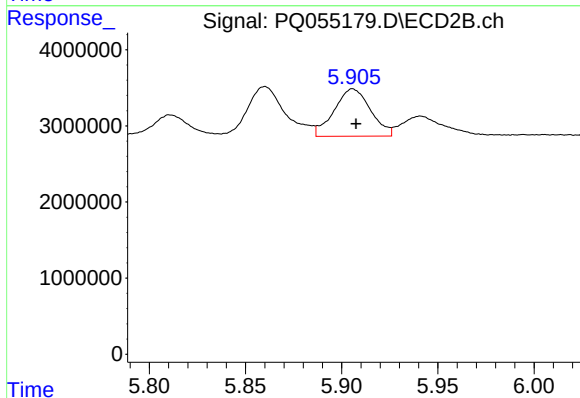
#18 AR-1242-3

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 4469673
Conc: 22.16 ng/ml



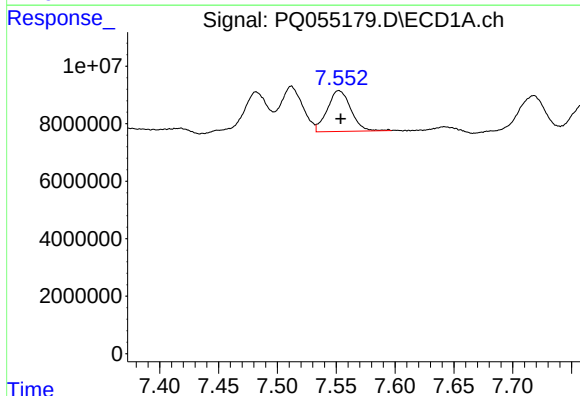
#19 AR-1242-4

R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 7279257
Conc: 20.42 ng/ml



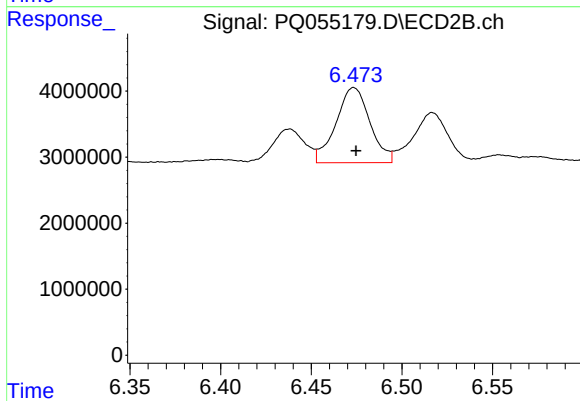
#19 AR-1242-4

R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 8197622
Conc: 41.87 ng/ml



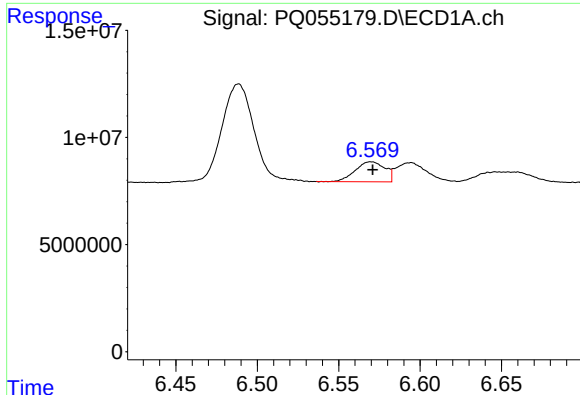
#20 AR-1242-5

R.T.: 7.552 min
Delta R.T.: -0.001 min
Response: 19768266
Conc: 54.12 ng/ml



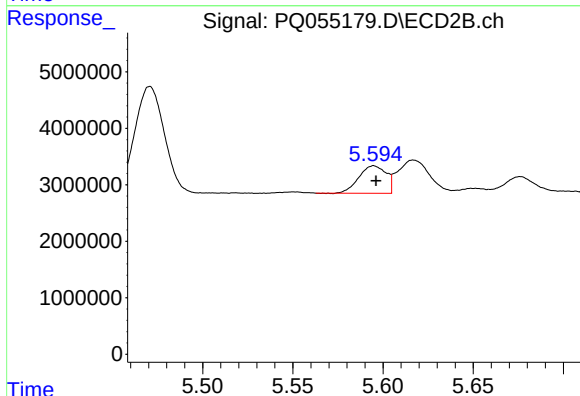
#20 AR-1242-5

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 14860589
Conc: 58.94 ng/ml



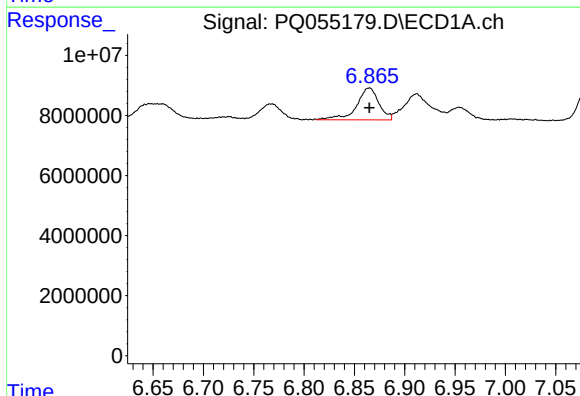
#21 AR-1248-1

R.T.: 6.570 min
Delta R.T.: -0.001 min
Response: 11788380
Conc: 34.66 ng/ml



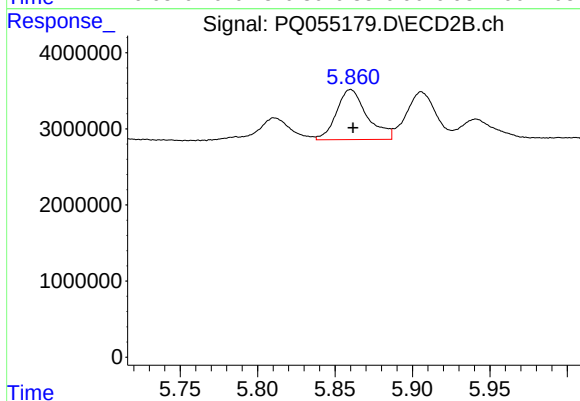
#21 AR-1248-1

R.T.: 5.595 min
Delta R.T.: -0.001 min
Response: 5120061
Conc: 25.58 ng/ml



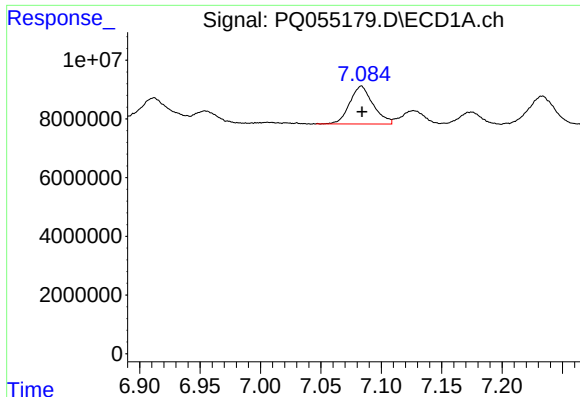
#22 AR-1248-2

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 16375312
Conc: 35.73 ng/ml



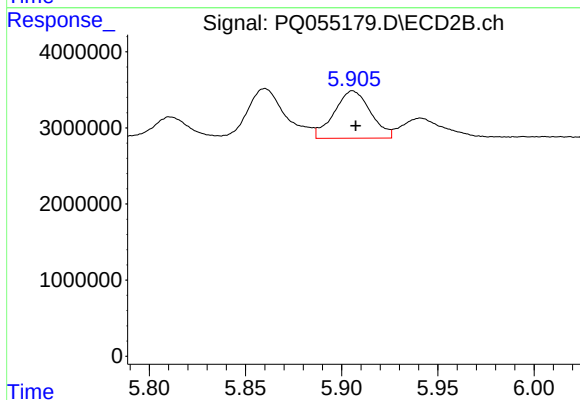
#22 AR-1248-2

R.T.: 5.860 min
Delta R.T.: -0.001 min
Response: 9100586
Conc: 32.37 ng/ml



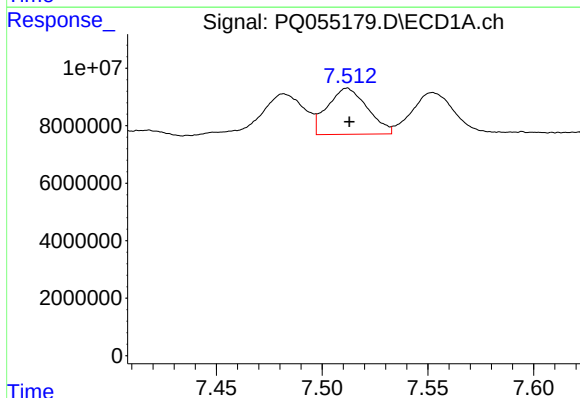
#23 AR-1248-3

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 17427688
Conc: 32.32 ng/ml



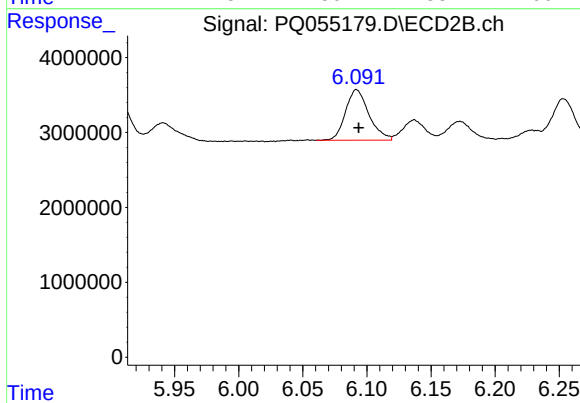
#23 AR-1248-3

R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 8197622
Conc: 28.02 ng/ml



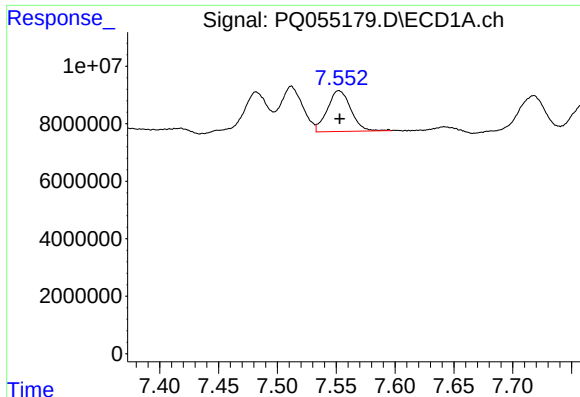
#24 AR-1248-4

R.T.: 7.512 min
Delta R.T.: -0.001 min
Response: 21166143
Conc: 34.88 ng/ml



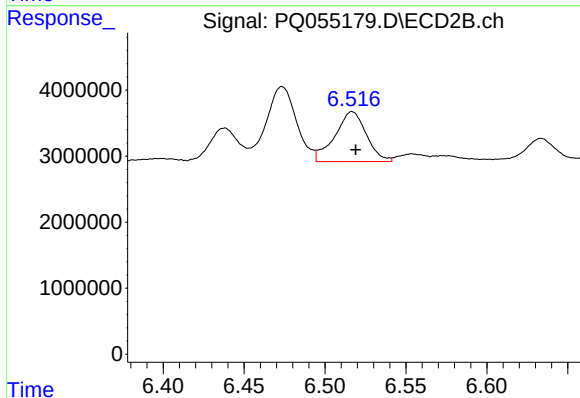
#24 AR-1248-4

R.T.: 6.092 min
Delta R.T.: -0.002 min
Response: 8573958
Conc: 24.63 ng/ml



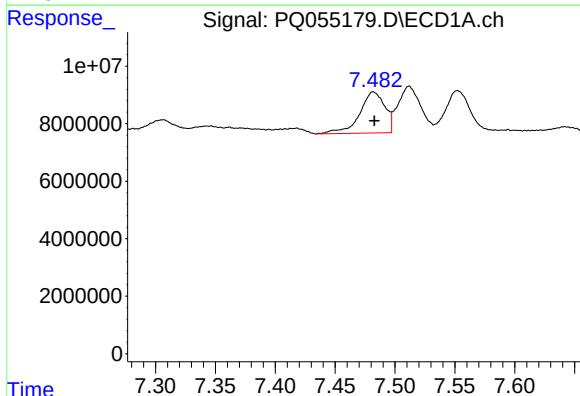
#25 AR-1248-5

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 19768266
Conc: 32.30 ng/ml



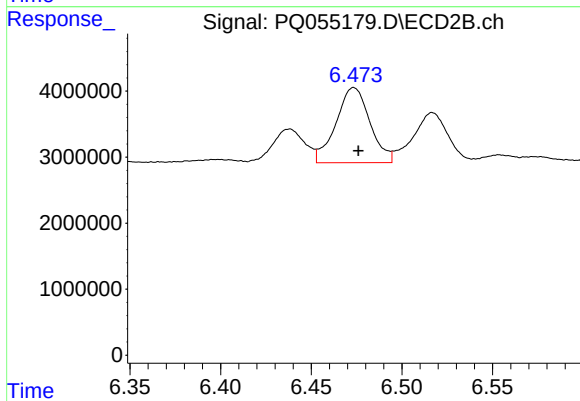
#25 AR-1248-5

R.T.: 6.517 min
Delta R.T.: -0.002 min
Response: 10258110
Conc: 29.48 ng/ml



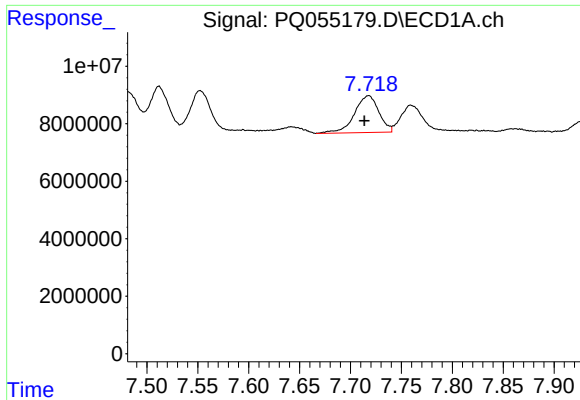
#26 AR-1254-1

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 20996767
Conc: 35.77 ng/ml



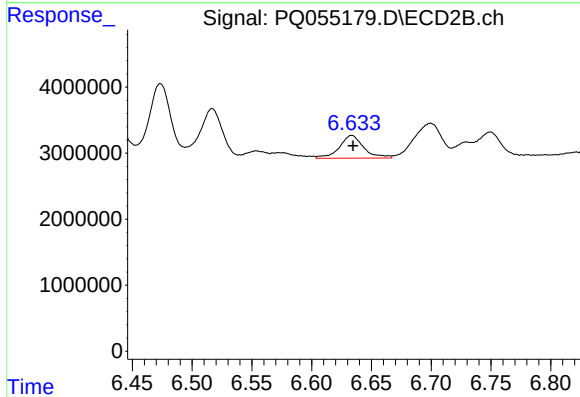
#26 AR-1254-1

R.T.: 6.473 min
Delta R.T.: -0.003 min
Response: 14860589
Conc: 26.87 ng/ml



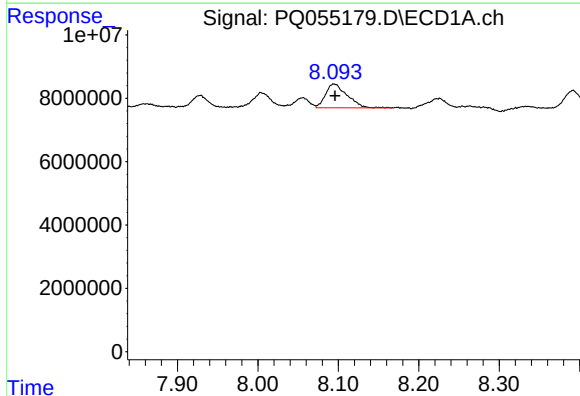
#27 AR-1254-2

R.T.: 7.718 min
Delta R.T.: 0.004 min
Response: 21484460
Conc: 23.70 ng/ml



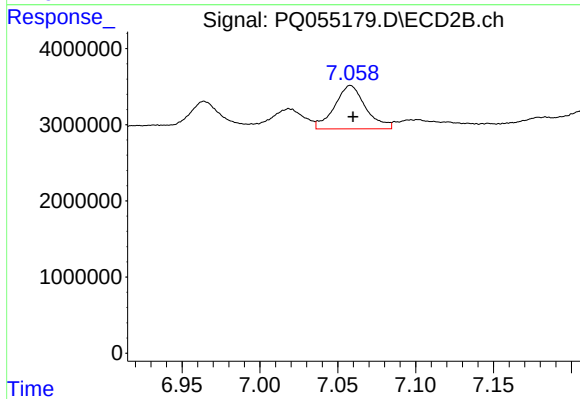
#27 AR-1254-2

R.T.: 6.634 min
Delta R.T.: -0.001 min
Response: 4874764
Conc: 10.30 ng/ml



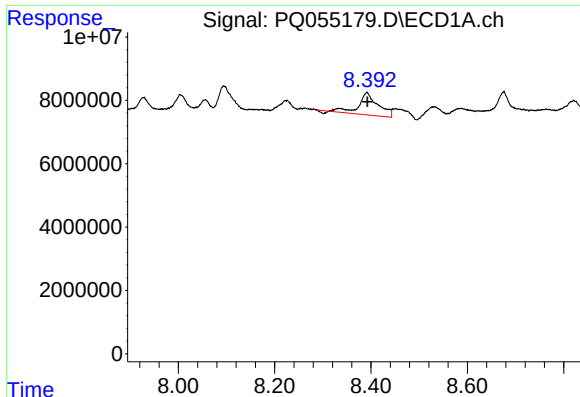
#28 AR-1254-3

R.T.: 8.095 min
Delta R.T.: -0.001 min
Response: 13961858
Conc: 13.72 ng/ml



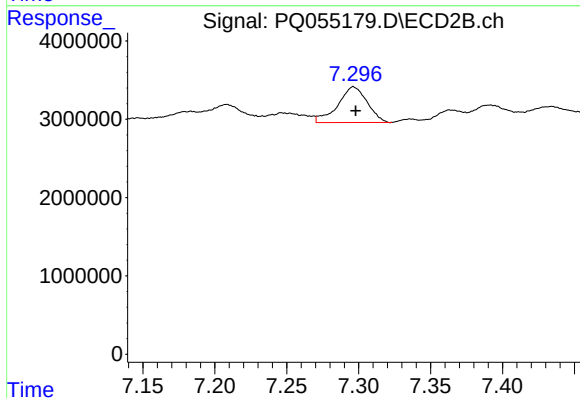
#28 AR-1254-3

R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 7927515
Conc: 10.10 ng/ml



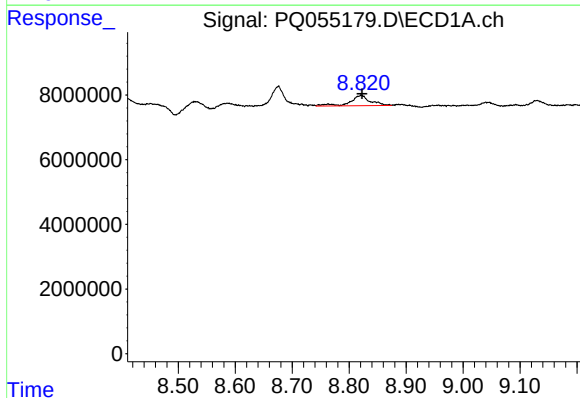
#29 AR-1254-4

R.T.: 8.392 min
Delta R.T.: 0.000 min
Response: 19643076
Conc: 26.11 ng/ml



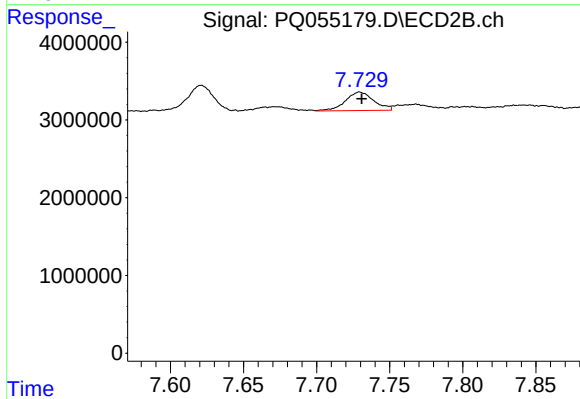
#29 AR-1254-4

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 6508595
Conc: 13.64 ng/ml



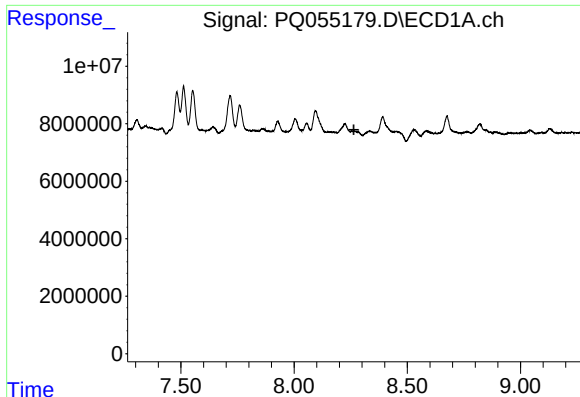
#30 AR-1254-5

R.T.: 8.821 min
Delta R.T.: -0.002 min
Response: 7696202
Conc: 9.48 ng/ml



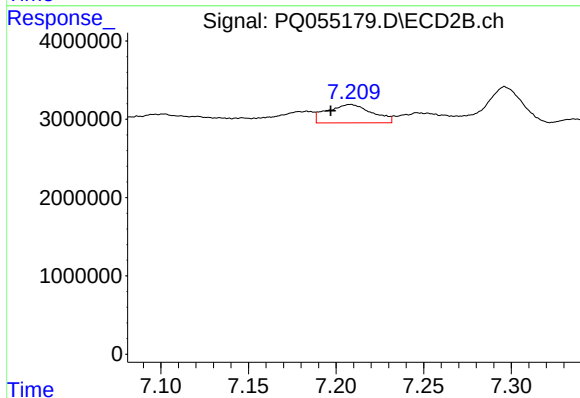
#30 AR-1254-5

R.T.: 7.729 min
Delta R.T.: -0.001 min
Response: 3231328
Conc: 4.83 ng/ml



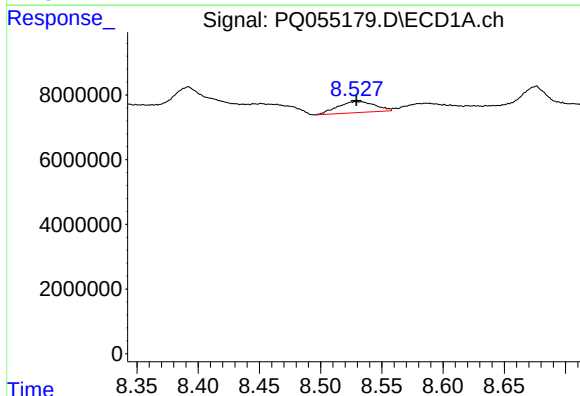
#31 AR-1260-1

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



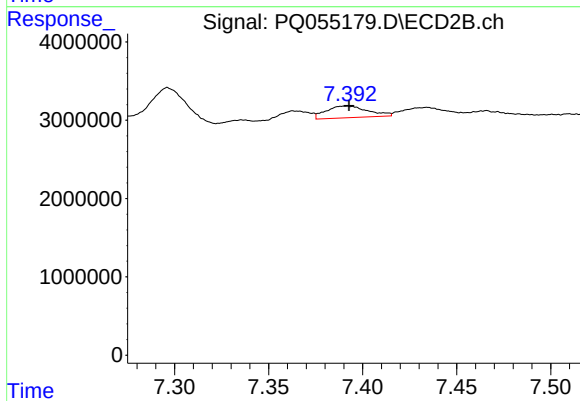
#31 AR-1260-1

R.T.: 7.208 min
Delta R.T.: 0.011 min
Response: 4205759
Conc: 8.39 ng/ml



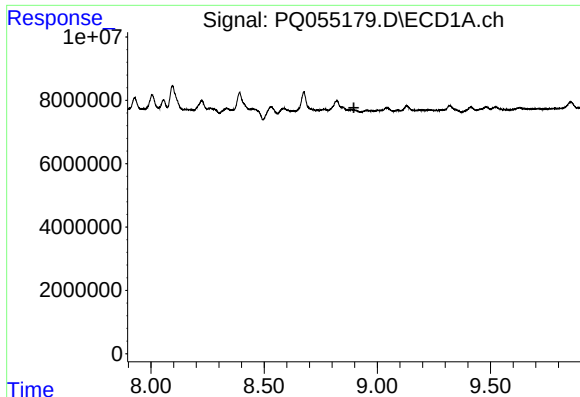
#32 AR-1260-2

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 7232715
Conc: 8.72 ng/ml



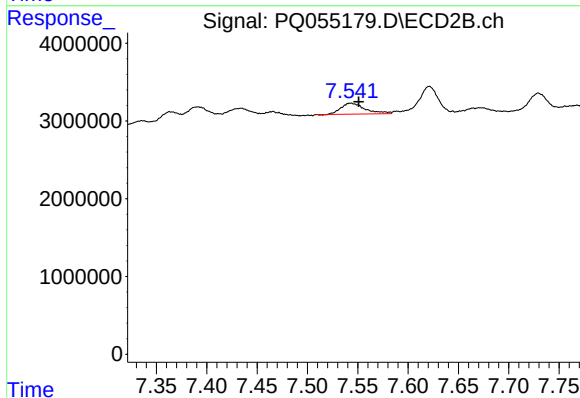
#32 AR-1260-2

R.T.: 7.391 min
Delta R.T.: -0.002 min
Response: 2324750
Conc: 3.84 ng/ml



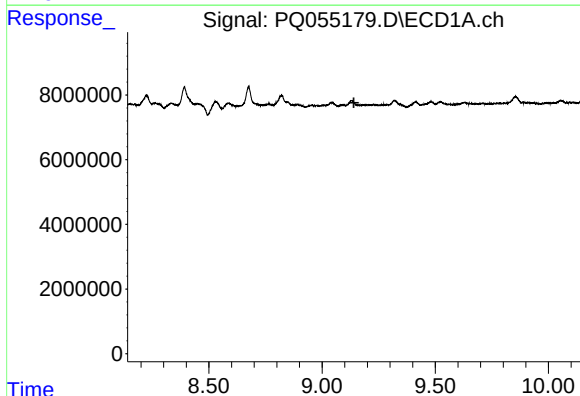
#33 AR-1260-3

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



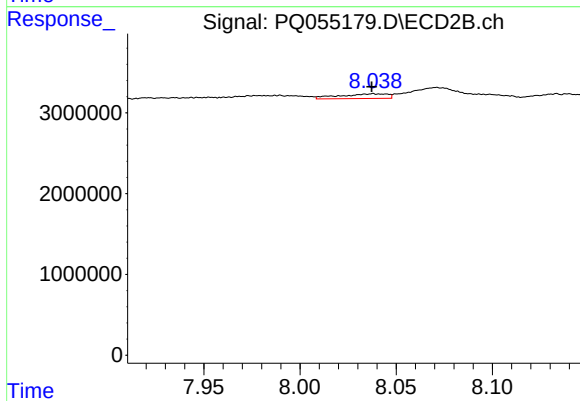
#33 AR-1260-3

R.T.: 7.543 min
Delta R.T.: -0.008 min
Response: 2358214
Conc: 4.13 ng/ml



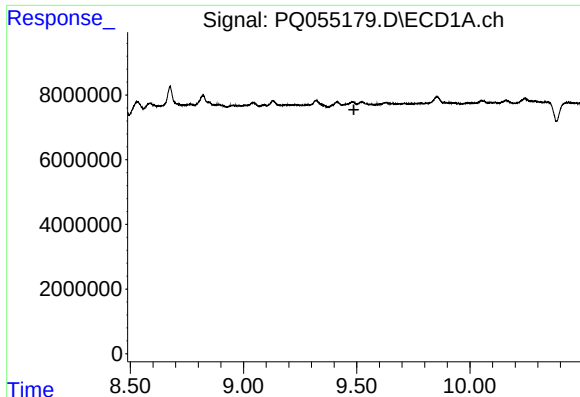
#34 AR-1260-4

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



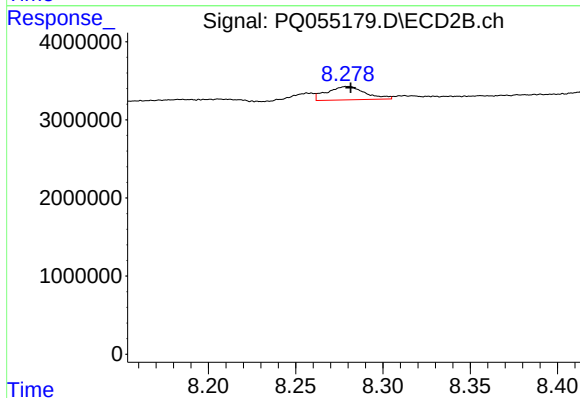
#34 AR-1260-4

R.T.: 8.038 min
Delta R.T.: 0.000 min
Response: 1012643
Conc: 2.14 ng/ml



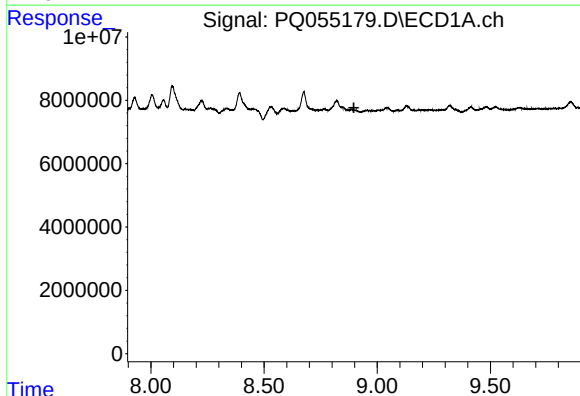
#35 AR-1260-5

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



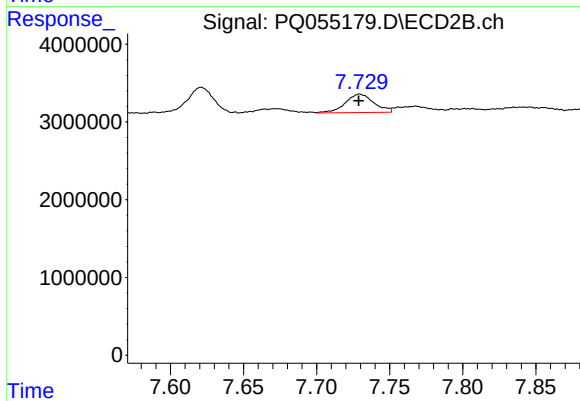
#35 AR-1260-5

R.T.: 8.280 min
Delta R.T.: -0.002 min
Response: 2617264
Conc: 2.27 ng/ml



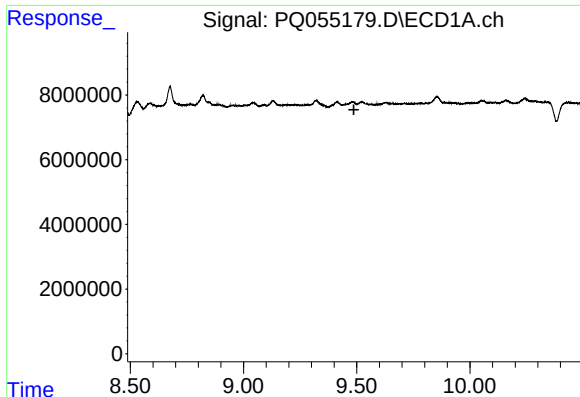
#36 AR-1262-1

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



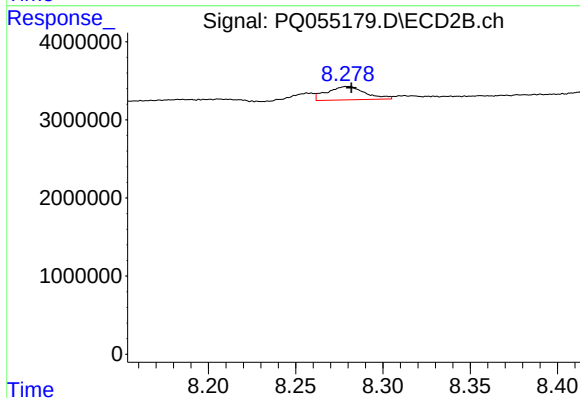
#36 AR-1262-1

R.T.: 7.729 min
Delta R.T.: 0.000 min
Response: 3231328
Conc: 9.50 ng/ml



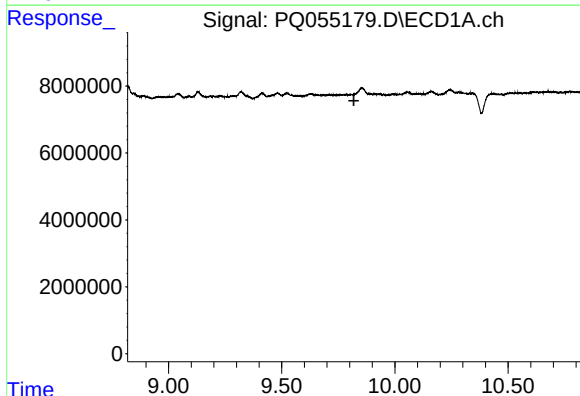
#37 AR-1262-2

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



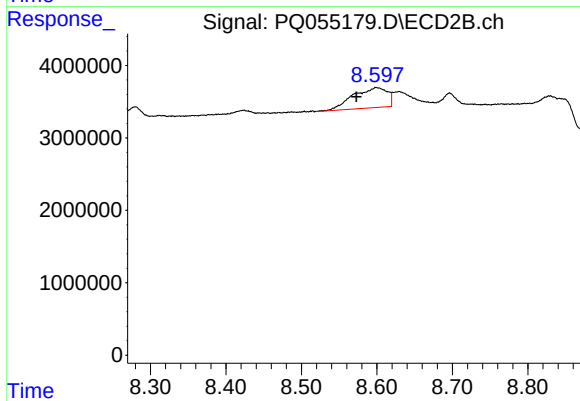
#37 AR-1262-2

R.T.: 8.280 min
Delta R.T.: -0.002 min
Response: 2617264
Conc: 2.12 ng/ml



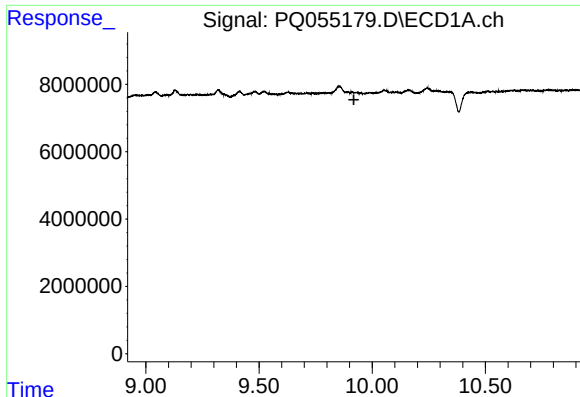
#38 AR-1262-3

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



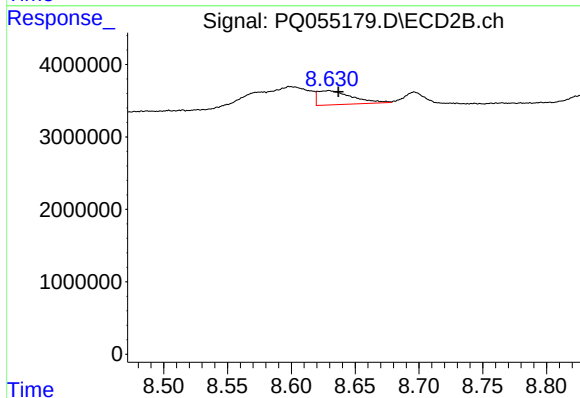
#38 AR-1262-3

R.T.: 8.599 min
Delta R.T.: 0.027 min
Response: 8787404
Conc: 19.01 ng/ml



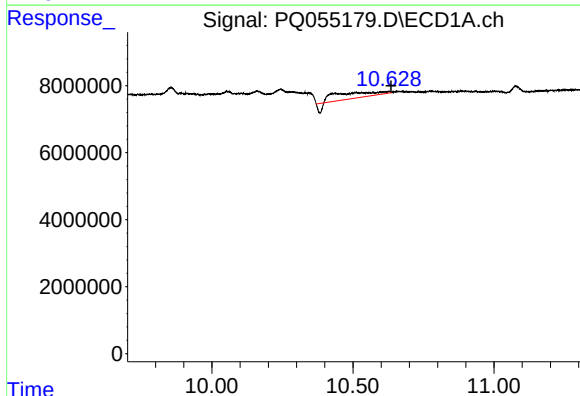
#39 AR-1262-4

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



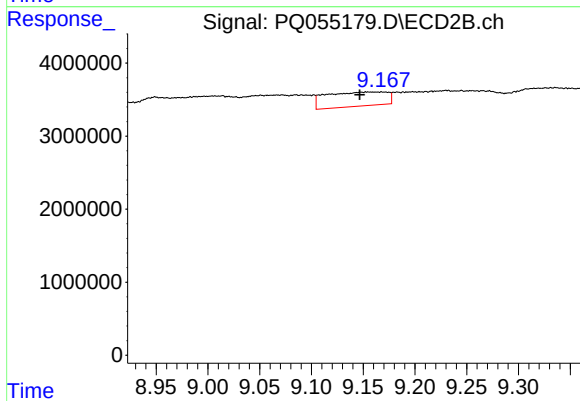
#39 AR-1262-4

R.T.: 8.629 min
Delta R.T.: -0.008 min
Response: 3618748
Conc: 4.05 ng/ml



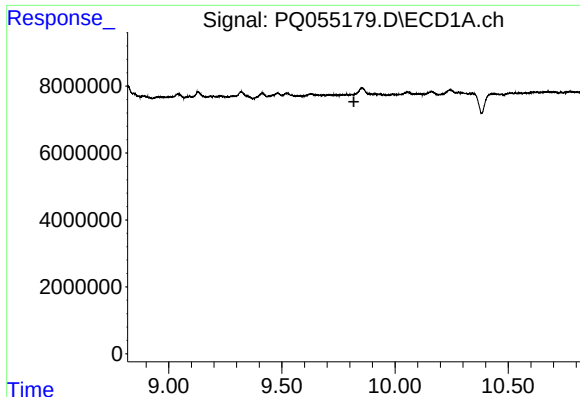
#40 AR-1262-5

R.T.: 10.628 min
Delta R.T.: -0.007 min
Response: 16609743
Conc: 24.56 ng/ml



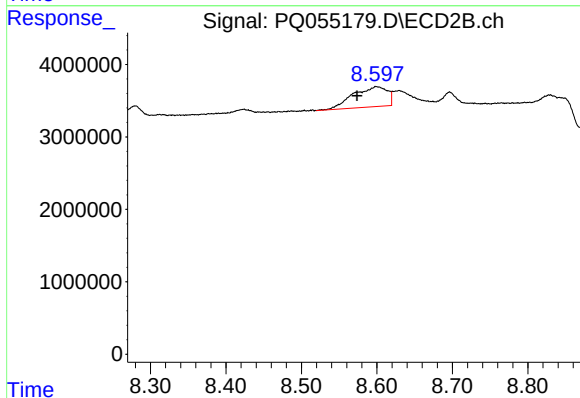
#40 AR-1262-5

R.T.: 9.168 min
Delta R.T.: 0.021 min
Response: 7985460
Conc: 19.89 ng/ml



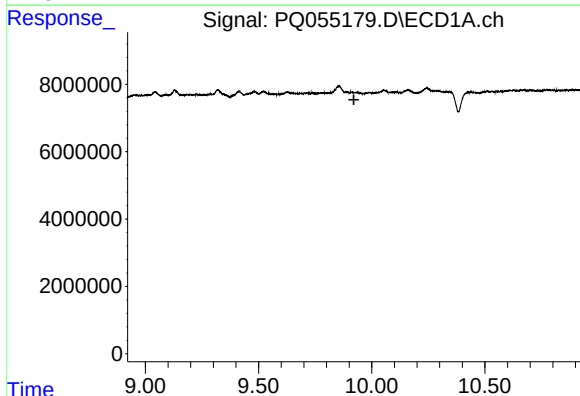
#41 AR-1268-1

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



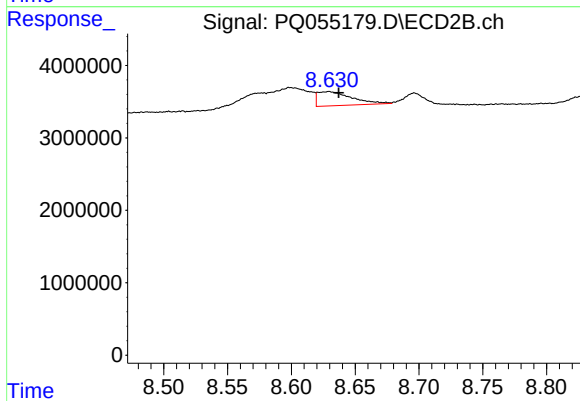
#41 AR-1268-1

R.T.: 8.599 min
Delta R.T.: 0.026 min
Response: 8787404
Conc: 6.21 ng/ml



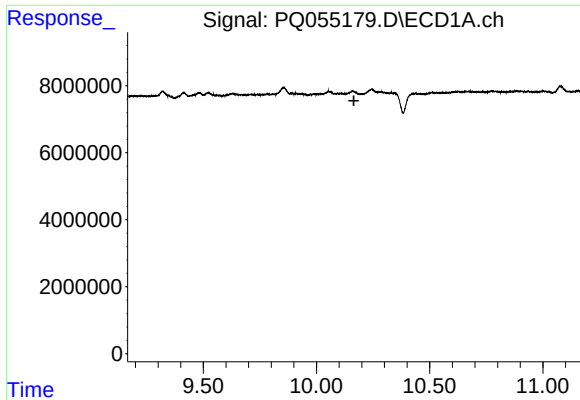
#42 AR-1268-2

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



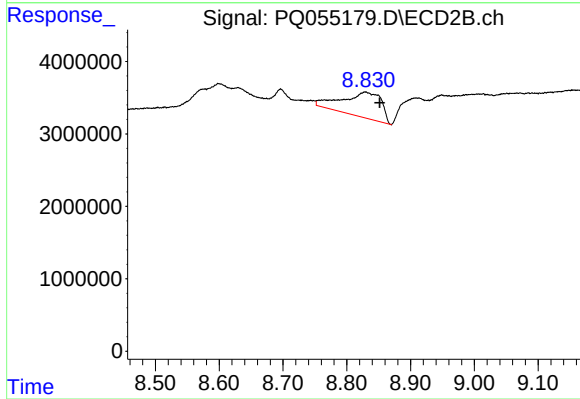
#42 AR-1268-2

R.T.: 8.629 min
Delta R.T.: -0.008 min
Response: 3618748
Conc: 2.78 ng/ml



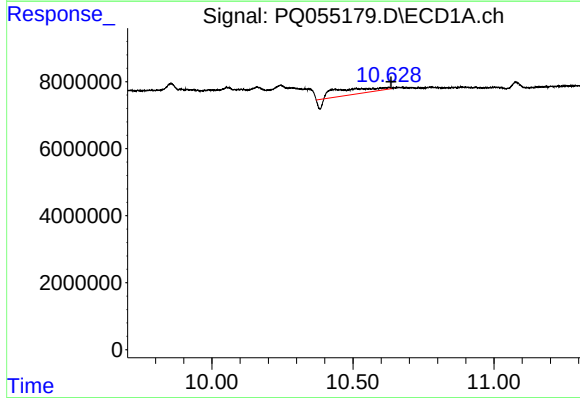
#43 AR-1268-3

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



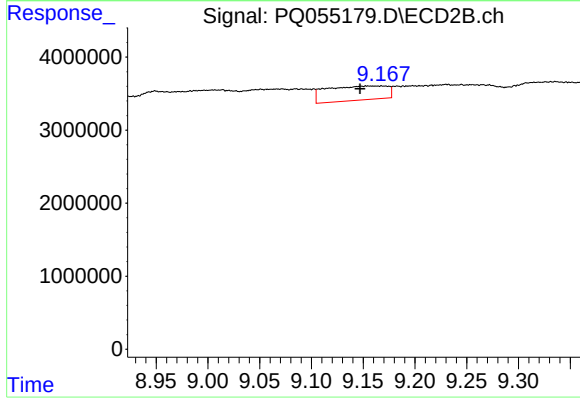
#43 AR-1268-3

R.T.: 8.829 min
Delta R.T.: -0.022 min
Response: 14887960
Conc: 13.61 ng/ml



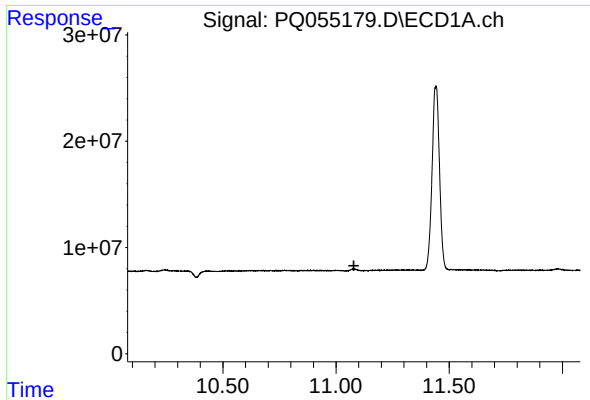
#44 AR-1268-4

R.T.: 10.628 min
Delta R.T.: -0.007 min
Response: 16609743
Conc: 21.91 ng/ml



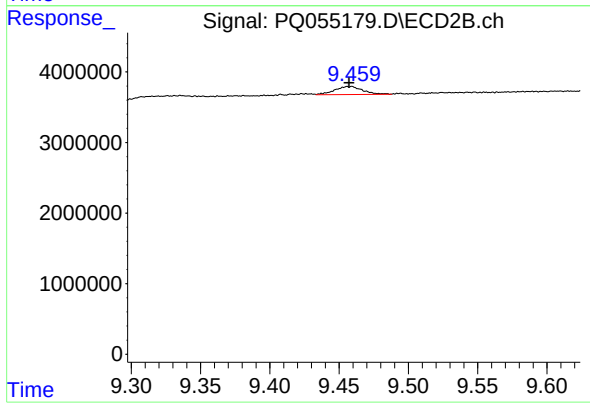
#44 AR-1268-4

R.T.: 9.168 min
Delta R.T.: 0.021 min
Response: 7985460
Conc: 17.68 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.: 9.458 min
Delta R.T.: 0.001 min
Response: 1626643
Conc: 0.46 ng/ml