

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112921\
 Data File : PQ055193.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 03:44
 Operator : AJ\MA
 Sample : M4068-07
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 06:36:46 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	405.3E6	234.9E6	23.051	22.844
2)	SA Decachlor...	11.440	9.731	429.2E6	227.9E6	27.211	25.448
Target Compounds							
3)	L1 AR-1016-1	0.000	5.620f	0	1552565	N.D.	4.331 #
4)	L1 AR-1016-2	0.000	5.620	0	1552565	N.D.	3.016 #
5)	L1 AR-1016-3	6.643f	5.835f	3759408	555544	6.695	2.075 #
6)	L1 AR-1016-4	0.000	5.879f	0	1421852	N.D.	6.555 #
7)	L1 AR-1016-5	0.000	6.077f	0	334157	N.D.	1.221 #
8)	L2 AR-1221-1	0.000	4.585	0	85916	N.D.	0.797 #
9)	L2 AR-1221-2	5.601	4.681	4922896	4461448	28.134	57.571 #
10)	L2 AR-1221-3	0.000	4.794f	0	1073461	N.D.	4.168 #
11)	L3 AR-1232-1	0.000	4.794f	0	1073461	N.D.	4.939 #
12)	L3 AR-1232-2	6.261	5.620	2541030	1552565	12.726	7.369 #
13)	L3 AR-1232-3	0.000	5.835f	0	555544	N.D.	5.062 #
14)	L3 AR-1232-4	0.000	5.879f	0	1421852	N.D.	14.647 #
15)	L3 AR-1232-5	0.000	6.077f	0	334157	N.D.	3.242 #
16)	L4 AR-1242-1	0.000	5.620f	0	1552565	N.D.	5.828 #
17)	L4 AR-1242-2	0.000	5.620	0	1552565	N.D.	4.008 #
18)	L4 AR-1242-3	6.643f	5.835f	3759408	555544	8.888	2.755 #
19)	L4 AR-1242-4	0.000	5.879f	0	1421852	N.D.	7.263 #
20)	L4 AR-1242-5	0.000	6.454f	0	3409912	N.D.	13.523 #
21)	L5 AR-1248-1	0.000	5.620f	0	1552565	N.D.	7.757 #
22)	L5 AR-1248-2	0.000	5.879f	0	1421852	N.D.	5.057 #
23)	L5 AR-1248-3	0.000	5.879f	0	1421852	N.D.	4.860 #
24)	L5 AR-1248-4	7.487f	6.077f	6835412	334157	11.265	0.960 #
25)	L5 AR-1248-5	0.000	6.529	0	426721	N.D.	1.226 #
26)	L6 AR-1254-1	7.487	6.454f	6835412	3409912	11.644	6.165 #
27)	L6 AR-1254-2	0.000	6.629	0	1244437	N.D.	2.630 #
28)	L6 AR-1254-3	8.115f	7.043f	3989599	2271114	3.920	2.893 #
29)	L6 AR-1254-4	0.000	7.299	0	1051472	N.D.	2.204 #
30)	L6 AR-1254-5	0.000	7.730	0	559712	N.D.	0.837 #
31)	L7 AR-1260-1	0.000	7.183	0	2019520	N.D.	4.029 #
32)	L7 AR-1260-2	8.536	7.390	2100664	996144	2.531	1.647 #
33)	L7 AR-1260-3	8.894	7.540	40521072	2144728	63.752	3.755 #
34)	L7 AR-1260-4	9.155f	8.037	11846622	8336331	15.538	17.593
35)	L7 AR-1260-5	9.484	8.281	7224720	4631706	4.687	4.011
36)	L8 AR-1262-1	8.894	7.730	40521072	559712	46.978	1.646 #
37)	L8 AR-1262-2	9.484	8.281	7224720	4631706	4.363	3.758
38)	L8 AR-1262-3	9.816	8.573	52967847	41435392	65.815	89.647 #
39)	L8 AR-1262-4	9.921	8.638	52120408	33330784	106.760	37.343 #
40)	L8 AR-1262-5	10.631	9.147	25693011	13639775	37.984	33.965
41)	L9 AR-1268-1	9.816	8.573	52967847	41435392	26.649	29.285

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

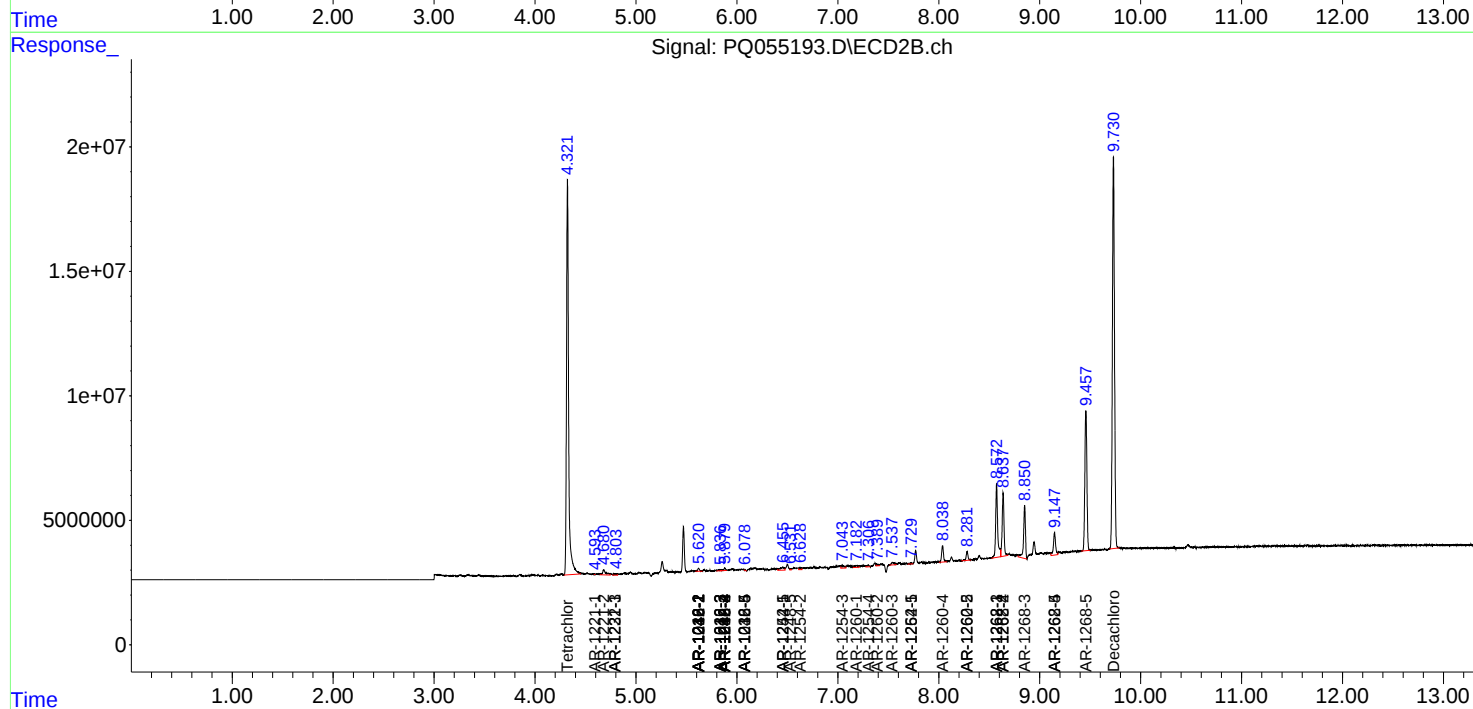
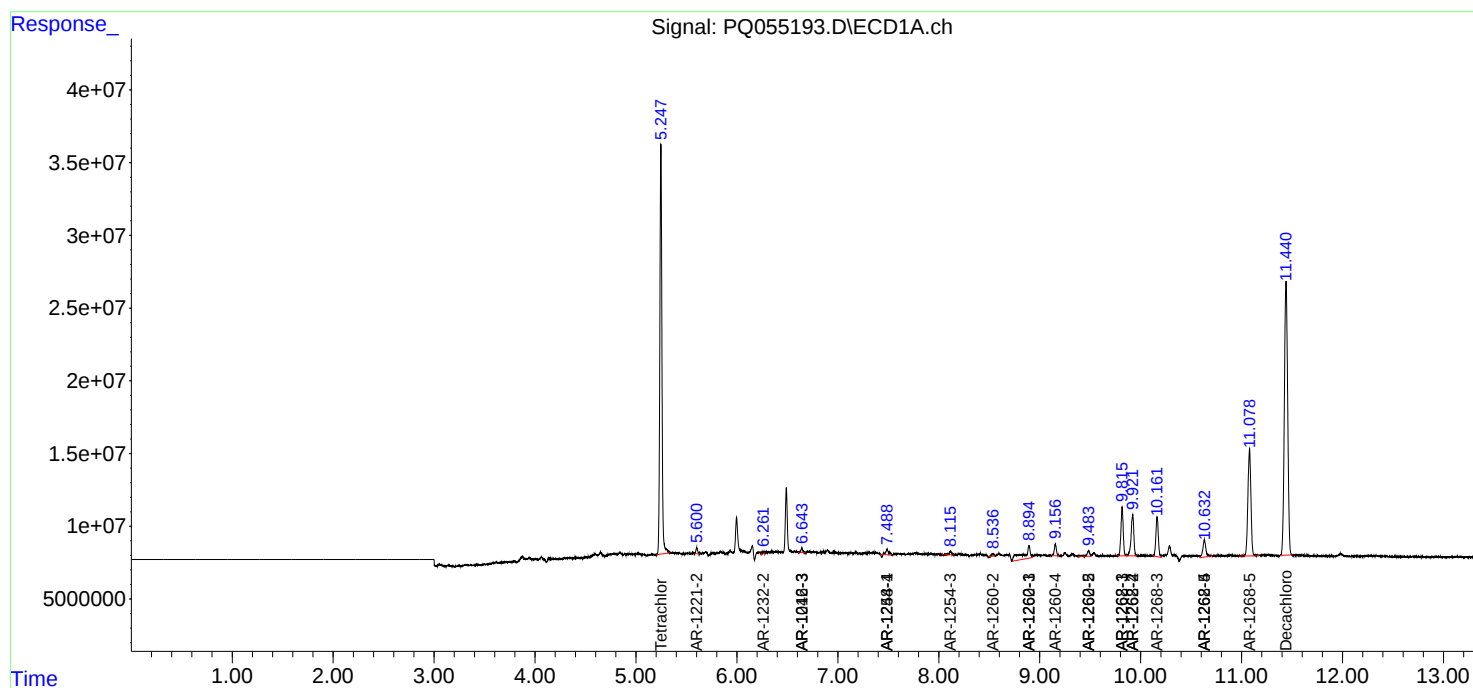
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.921	8.638	52120408	33330784	26.635	25.579
43) L9	AR-1268-3	10.162	8.850	46881697	28390647	28.196	25.952
44) L9	AR-1268-4	10.631	9.147	25693011	13639775	33.892	30.192
45) L9	AR-1268-5	11.079	9.457	153.9E6	76995924	26.848	21.778

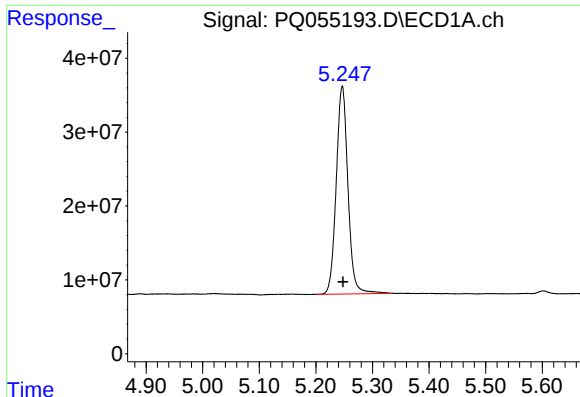
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Data File : PQ055193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Nov 2021 03:44
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Quant Time: Nov 30 06:36:46 2021
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Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 30 02:09:05 2021
Response via : Initial Calibration
Integrator: ChemStation

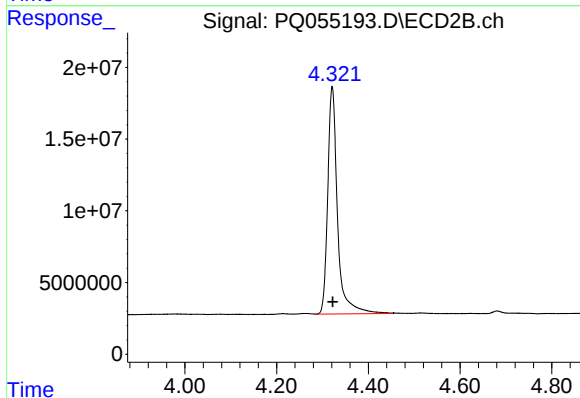
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





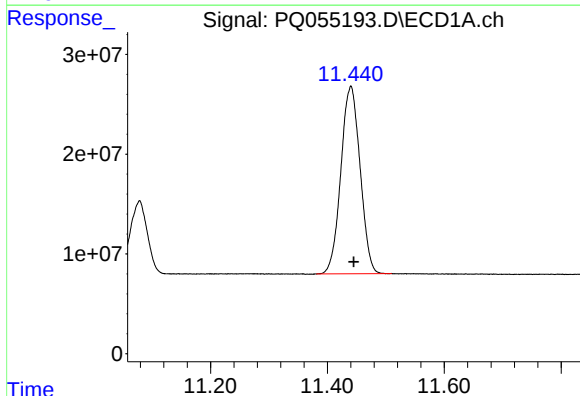
#1 Tetrachloro-m-xylene

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 405285996
Conc: 23.05 ng/ml



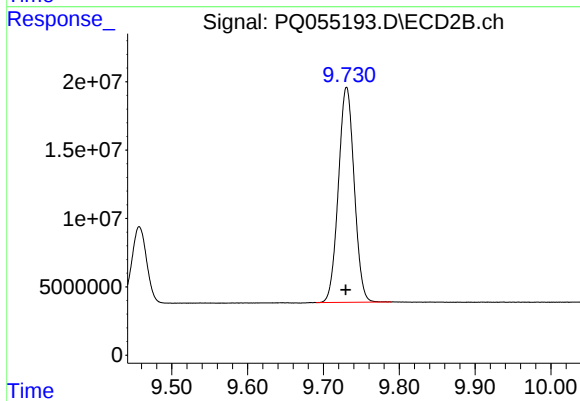
#1 Tetrachloro-m-xylene

R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 234913600
Conc: 22.84 ng/ml



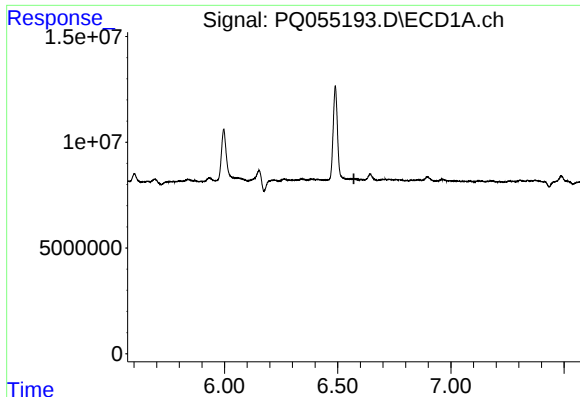
#2 Decachlorobiphenyl

R.T.: 11.440 min
Delta R.T.: -0.005 min
Response: 429186165
Conc: 27.21 ng/ml



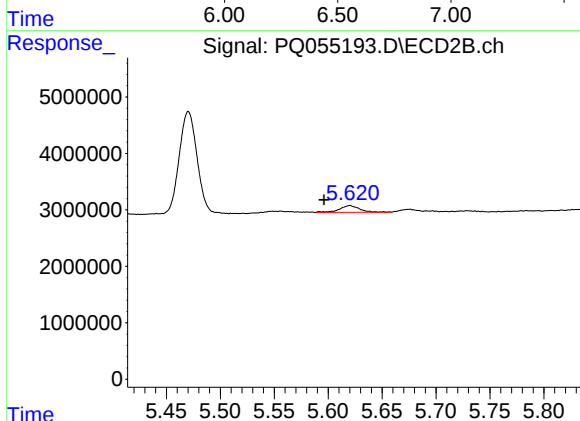
#2 Decachlorobiphenyl

R.T.: 9.731 min
Delta R.T.: 0.001 min
Response: 227868004
Conc: 25.45 ng/ml



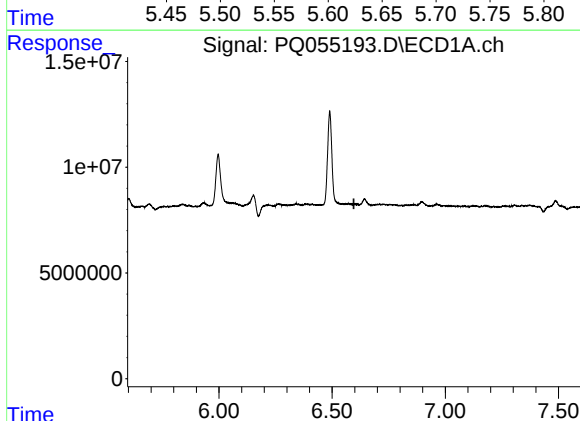
#3 AR-1016-1

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



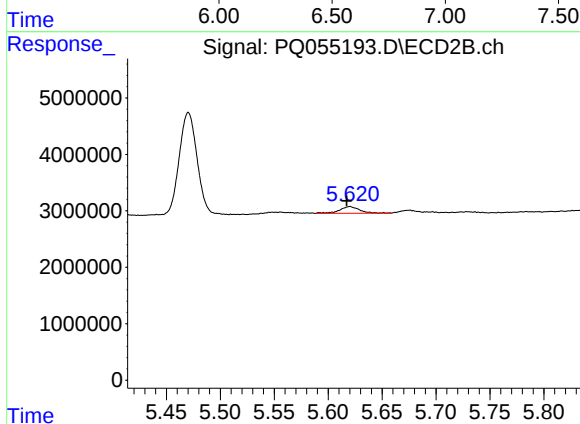
#3 AR-1016-1

R.T.: 5.620 min
Delta R.T.: 0.024 min
Response: 1552565
Conc: 4.33 ng/ml



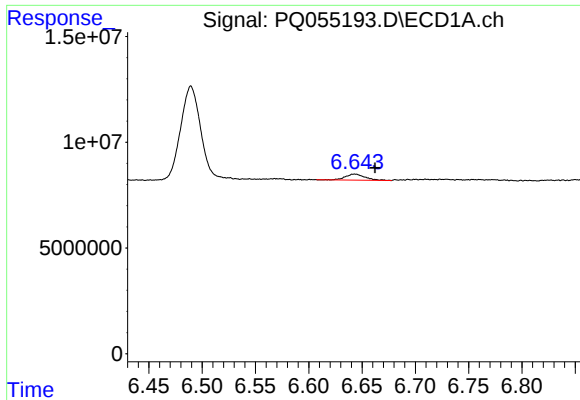
#4 AR-1016-2

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



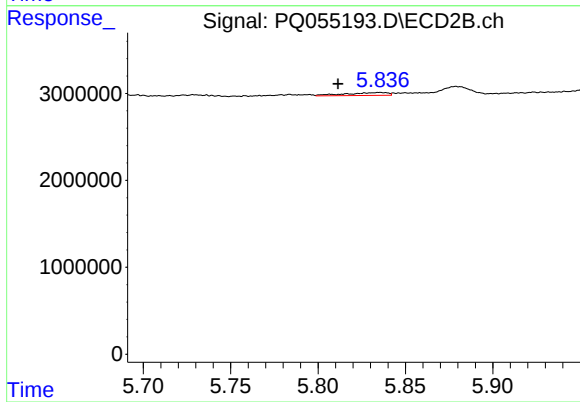
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.003 min
Response: 1552565
Conc: 3.02 ng/ml



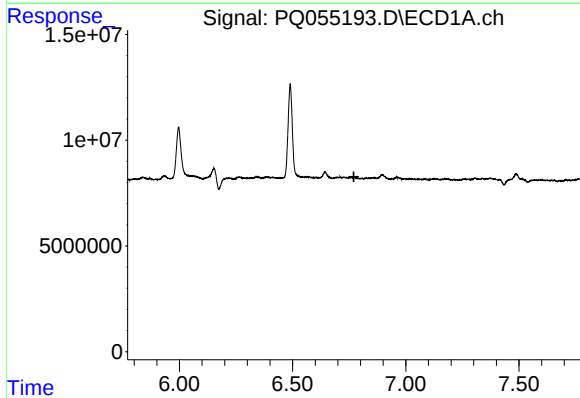
#5 AR-1016-3

R.T.: 6.643 min
Delta R.T.: -0.019 min
Response: 3759408
Conc: 6.69 ng/ml



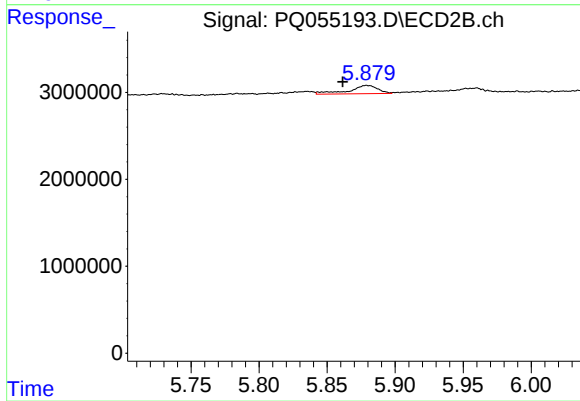
#5 AR-1016-3

R.T.: 5.835 min
Delta R.T.: 0.024 min
Response: 555544
Conc: 2.07 ng/ml



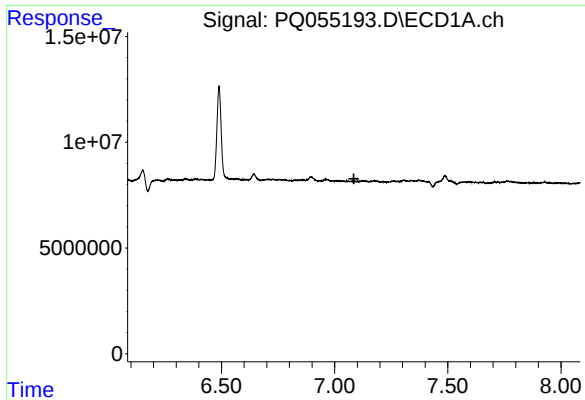
#6 AR-1016-4

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



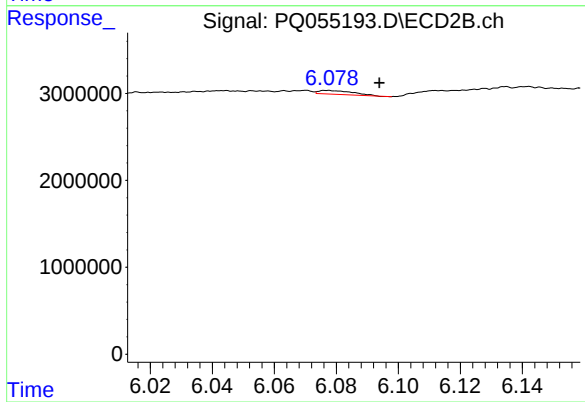
#6 AR-1016-4

R.T.: 5.879 min
Delta R.T.: 0.018 min
Response: 1421852
Conc: 6.55 ng/ml



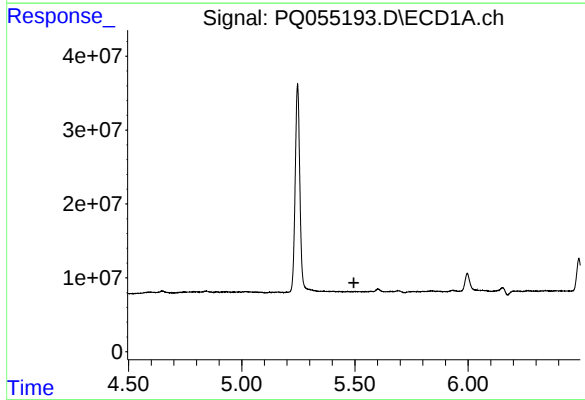
#7 AR-1016-5

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



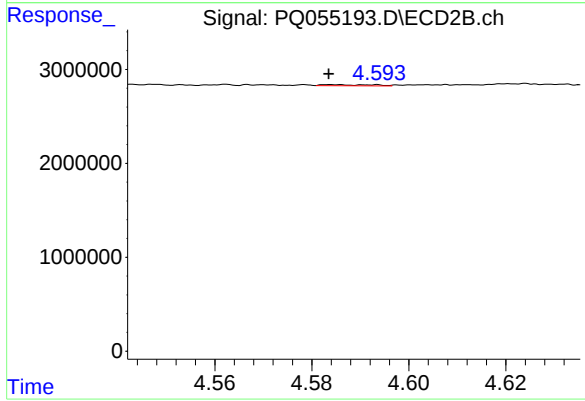
#7 AR-1016-5

R.T.: 6.077 min
Delta R.T.: -0.016 min
Response: 334157
Conc: 1.22 ng/ml



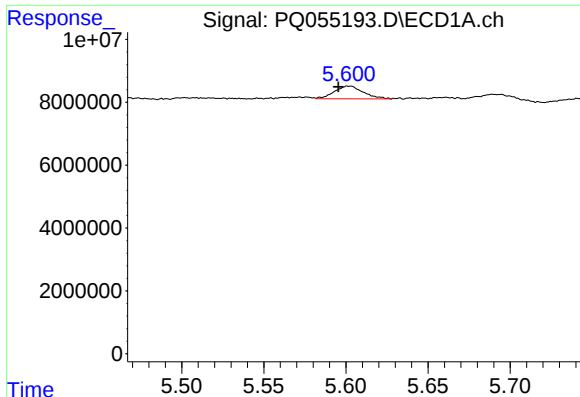
#8 AR-1221-1

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



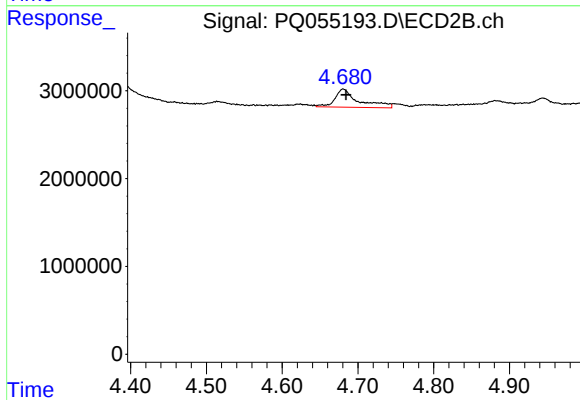
#8 AR-1221-1

R.T.: 4.585 min
Delta R.T.: 0.001 min
Response: 85916
Conc: 0.80 ng/ml



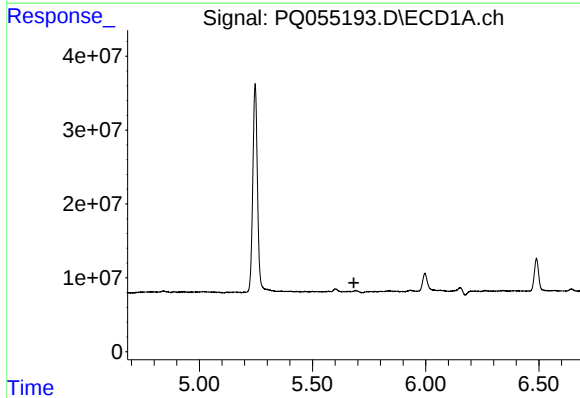
#9 AR-1221-2

R.T.: 5.601 min
Delta R.T.: 0.006 min
Response: 4922896
Conc: 28.13 ng/ml



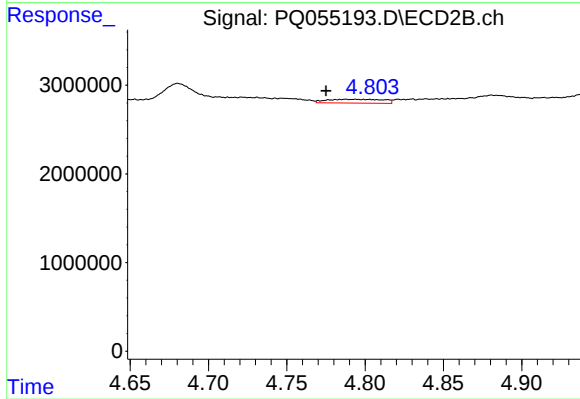
#9 AR-1221-2

R.T.: 4.681 min
Delta R.T.: -0.004 min
Response: 4461448
Conc: 57.57 ng/ml



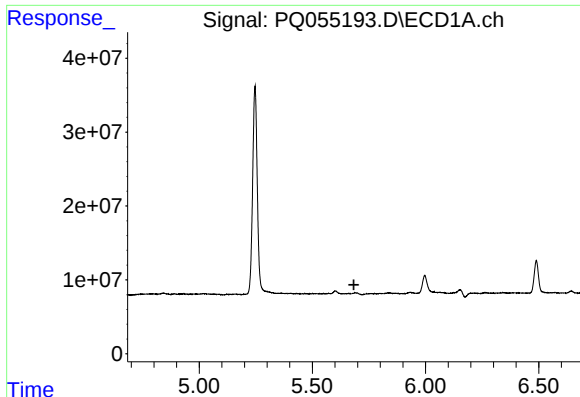
#10 AR-1221-3

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



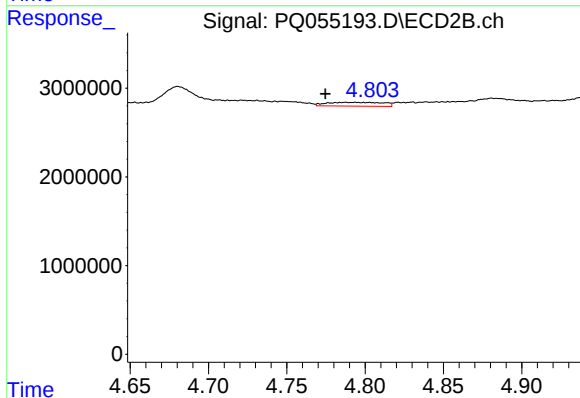
#10 AR-1221-3

R.T.: 4.794 min
Delta R.T.: 0.019 min
Response: 1073461
Conc: 4.17 ng/ml



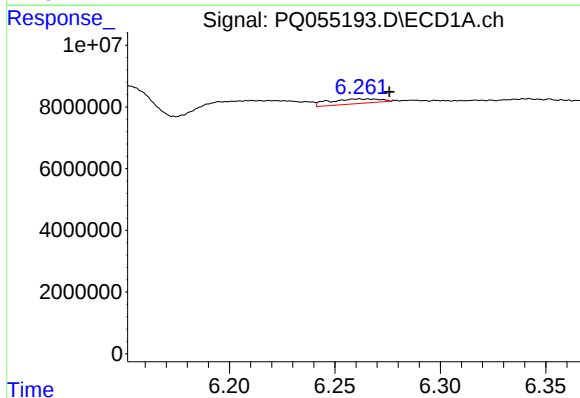
#11 AR-1232-1

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



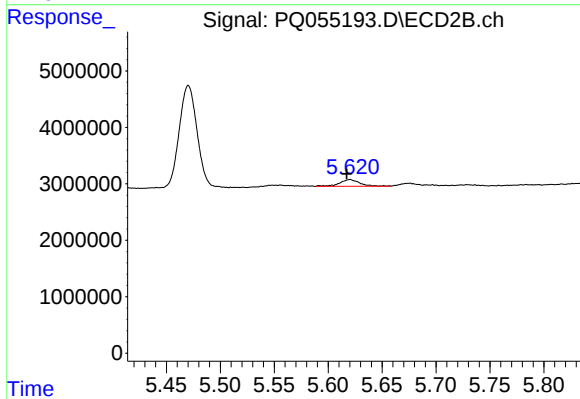
#11 AR-1232-1

R.T.: 4.794 min
Delta R.T.: 0.019 min
Response: 1073461
Conc: 4.94 ng/ml



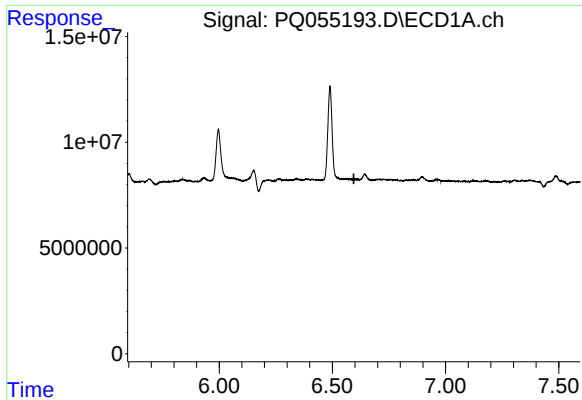
#12 AR-1232-2

R.T.: 6.261 min
Delta R.T.: -0.014 min
Response: 2541030
Conc: 12.73 ng/ml



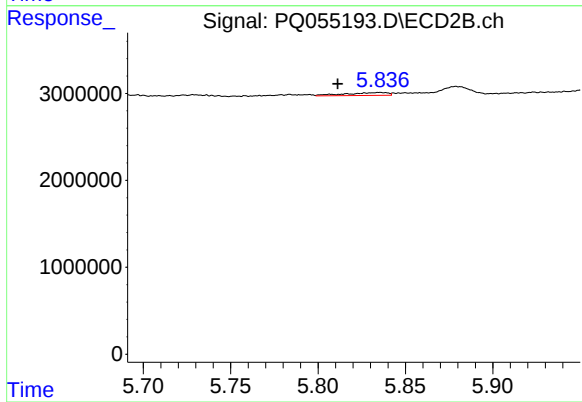
#12 AR-1232-2

R.T.: 5.620 min
Delta R.T.: 0.003 min
Response: 1552565
Conc: 7.37 ng/ml



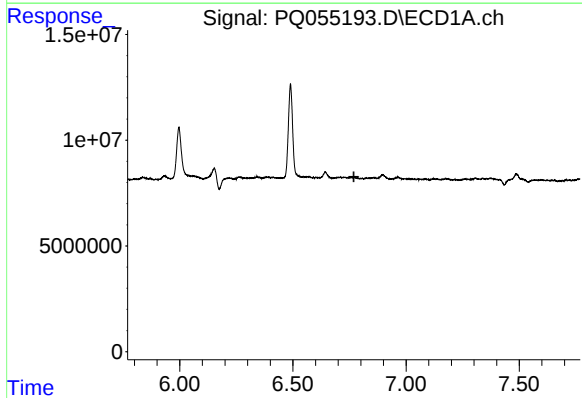
#13 AR-1232-3

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



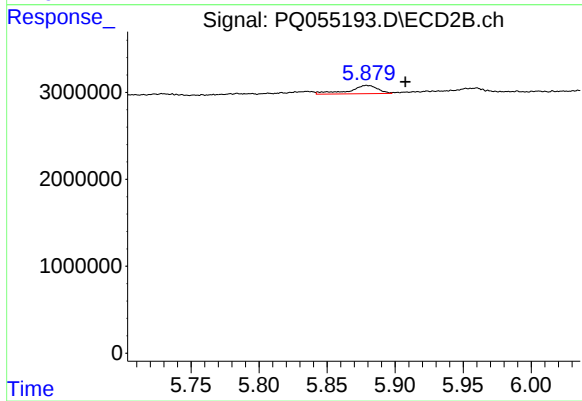
#13 AR-1232-3

R.T.: 5.835 min
Delta R.T.: 0.024 min
Response: 555544
Conc: 5.06 ng/ml



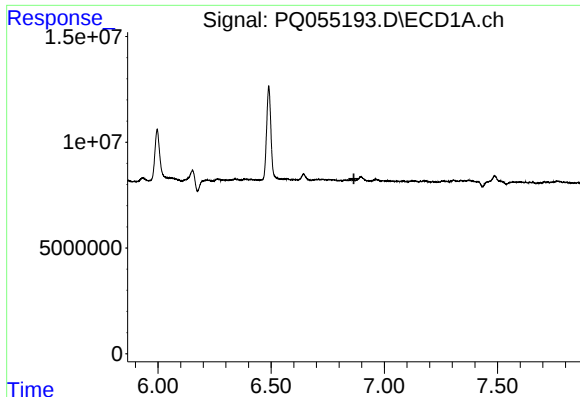
#14 AR-1232-4

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



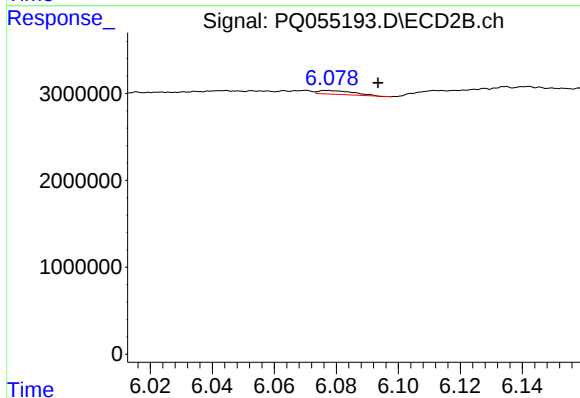
#14 AR-1232-4

R.T.: 5.879 min
Delta R.T.: -0.028 min
Response: 1421852
Conc: 14.65 ng/ml



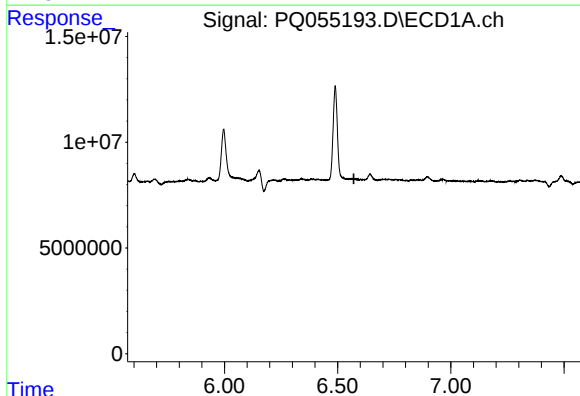
#15 AR-1232-5

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



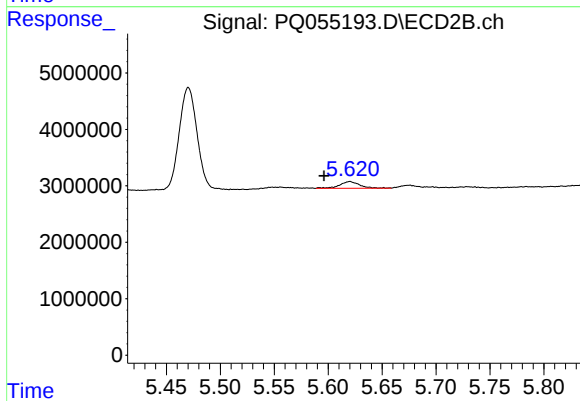
#15 AR-1232-5

R.T.: 6.077 min
Delta R.T.: -0.016 min
Response: 334157
Conc: 3.24 ng/ml



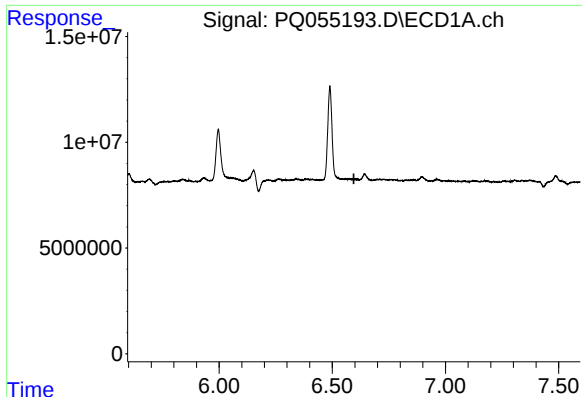
#16 AR-1242-1

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



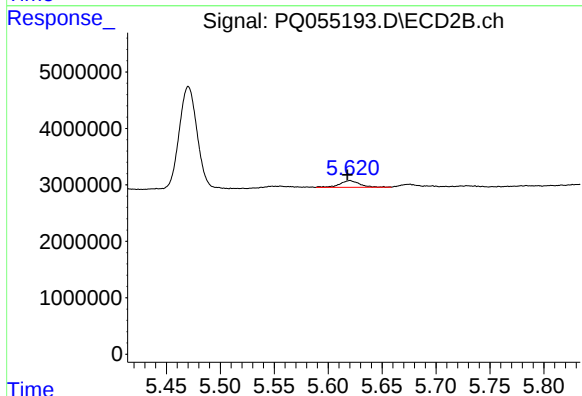
#16 AR-1242-1

R.T.: 5.620 min
Delta R.T.: 0.024 min
Response: 1552565
Conc: 5.83 ng/ml



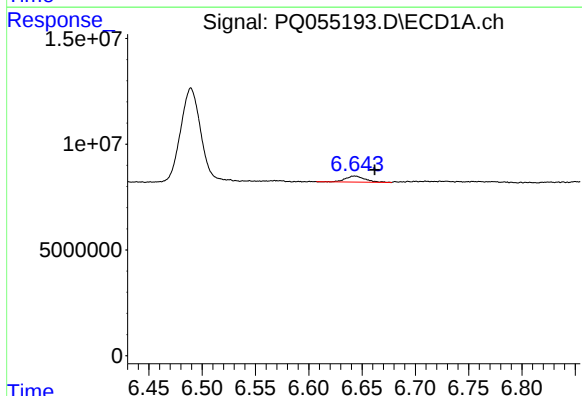
#17 AR-1242-2

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



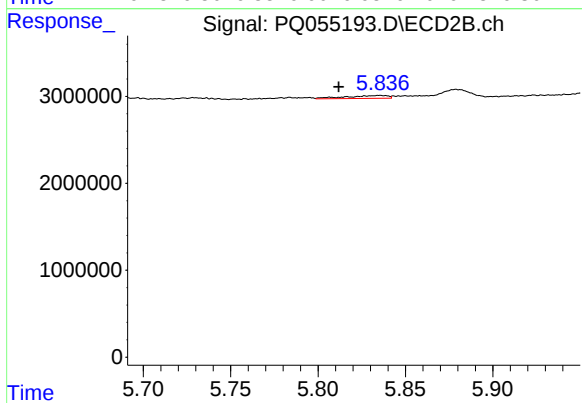
#17 AR-1242-2

R.T.: 5.620 min
Delta R.T.: 0.002 min
Response: 1552565
Conc: 4.01 ng/ml



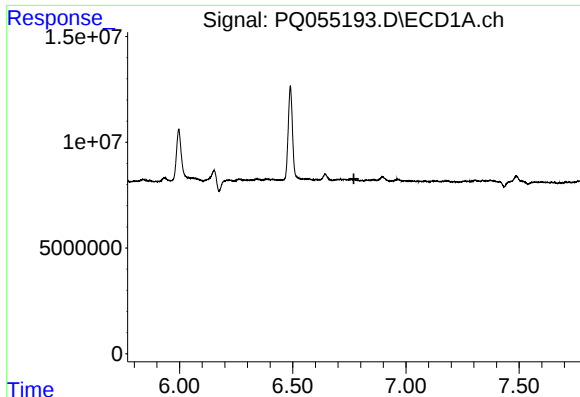
#18 AR-1242-3

R.T.: 6.643 min
Delta R.T.: -0.019 min
Response: 3759408
Conc: 8.89 ng/ml



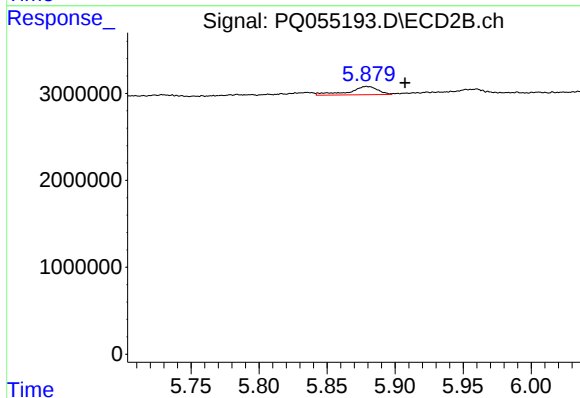
#18 AR-1242-3

R.T.: 5.835 min
Delta R.T.: 0.024 min
Response: 555544
Conc: 2.75 ng/ml



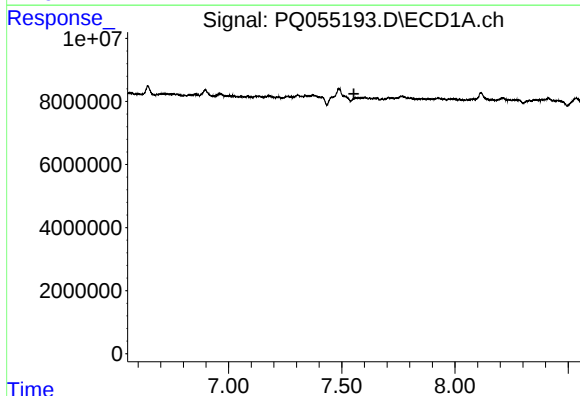
#19 AR-1242-4

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



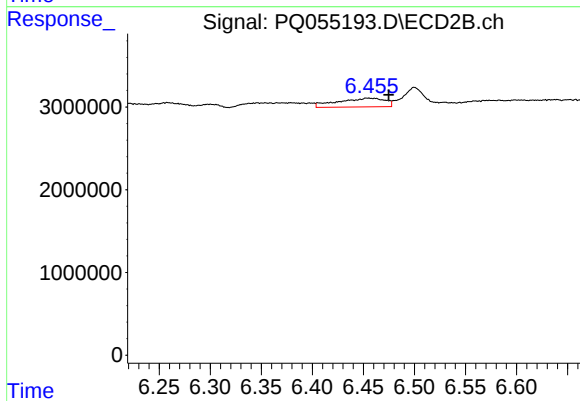
#19 AR-1242-4

R.T.: 5.879 min
Delta R.T.: -0.028 min
Response: 1421852
Conc: 7.26 ng/ml



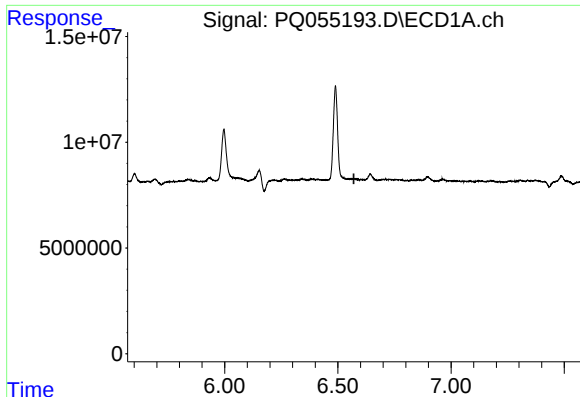
#20 AR-1242-5

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



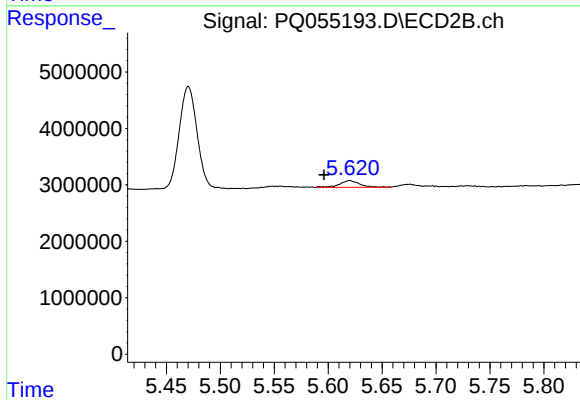
#20 AR-1242-5

R.T.: 6.454 min
Delta R.T.: -0.021 min
Response: 3409912
Conc: 13.52 ng/ml



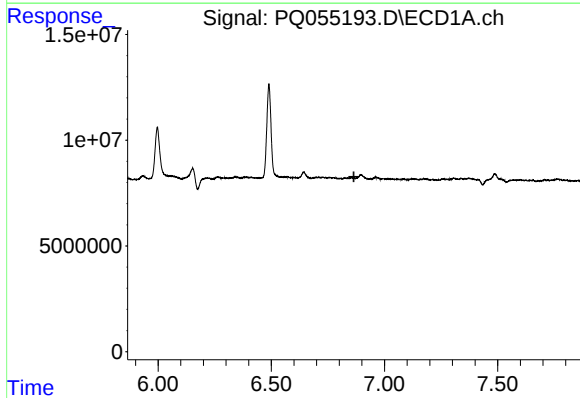
#21 AR-1248-1

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



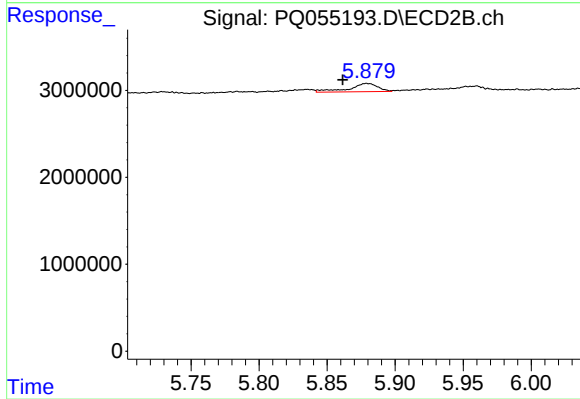
#21 AR-1248-1

R.T.: 5.620 min
Delta R.T.: 0.024 min
Response: 1552565
Conc: 7.76 ng/ml



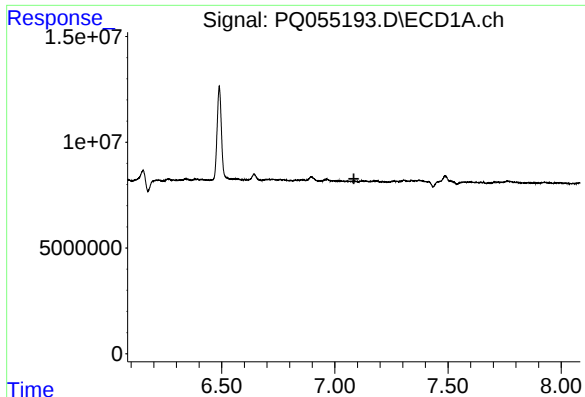
#22 AR-1248-2

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



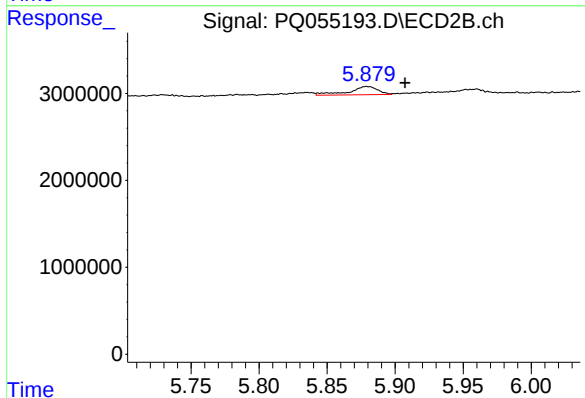
#22 AR-1248-2

R.T.: 5.879 min
Delta R.T.: 0.018 min
Response: 1421852
Conc: 5.06 ng/ml



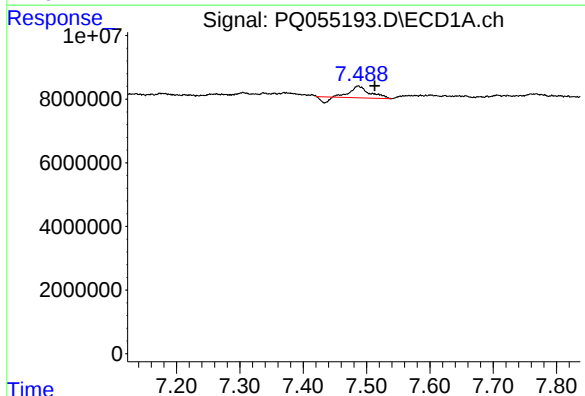
#23 AR-1248-3

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



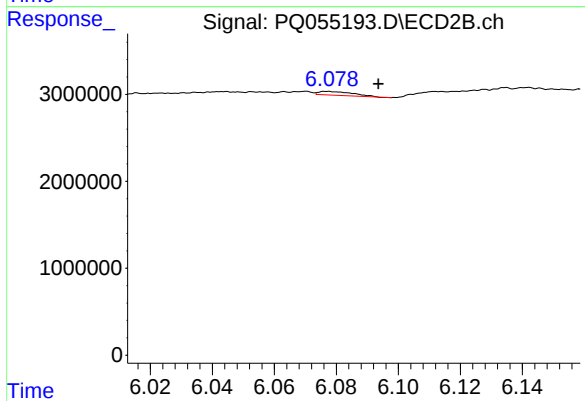
#23 AR-1248-3

R.T.: 5.879 min
Delta R.T.: -0.028 min
Response: 1421852
Conc: 4.86 ng/ml



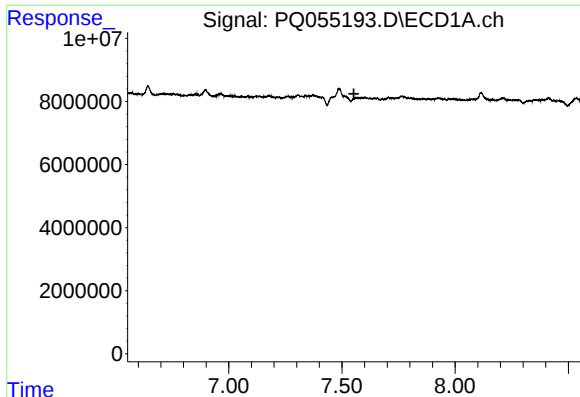
#24 AR-1248-4

R.T.: 7.487 min
Delta R.T.: -0.026 min
Response: 6835412
Conc: 11.26 ng/ml



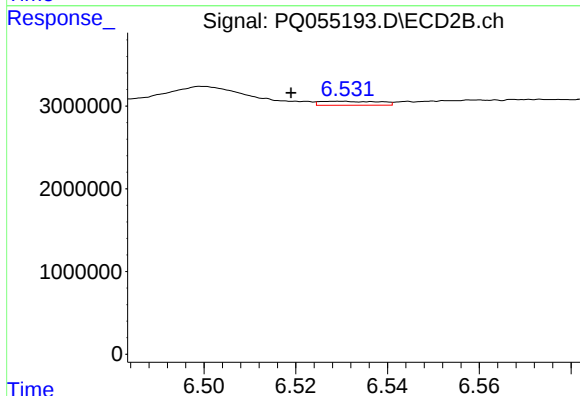
#24 AR-1248-4

R.T.: 6.077 min
Delta R.T.: -0.016 min
Response: 334157
Conc: 0.96 ng/ml



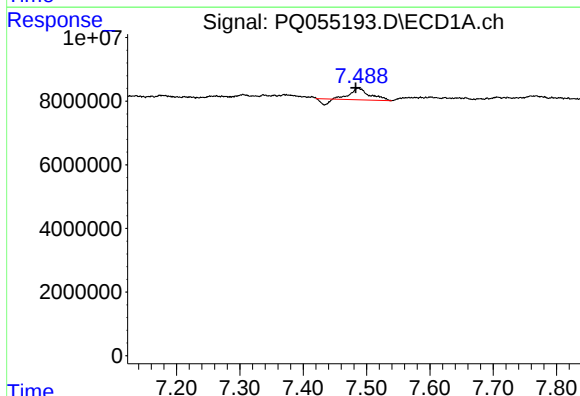
#25 AR-1248-5

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



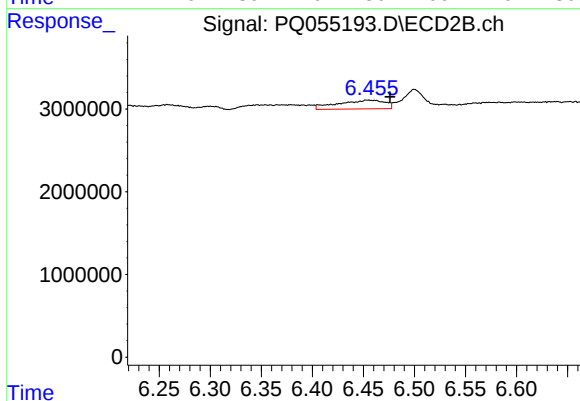
#25 AR-1248-5

R.T.: 6.529 min
Delta R.T.: 0.010 min
Response: 426721
Conc: 1.23 ng/ml



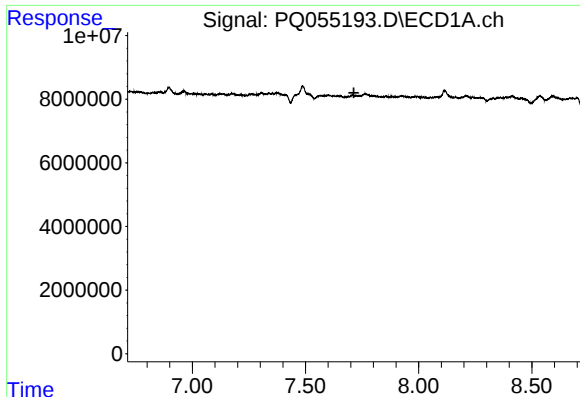
#26 AR-1254-1

R.T.: 7.487 min
Delta R.T.: 0.004 min
Response: 6835412
Conc: 11.64 ng/ml



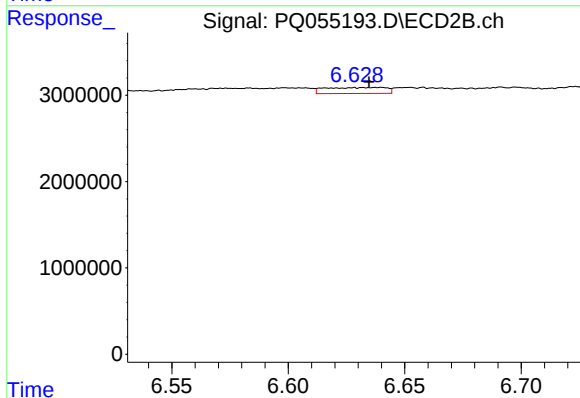
#26 AR-1254-1

R.T.: 6.454 min
Delta R.T.: -0.022 min
Response: 3409912
Conc: 6.16 ng/ml



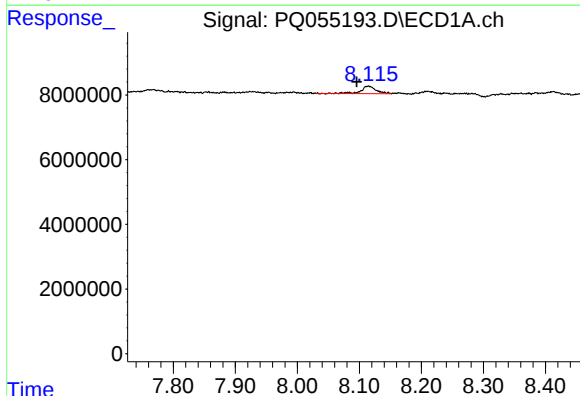
#27 AR-1254-2

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



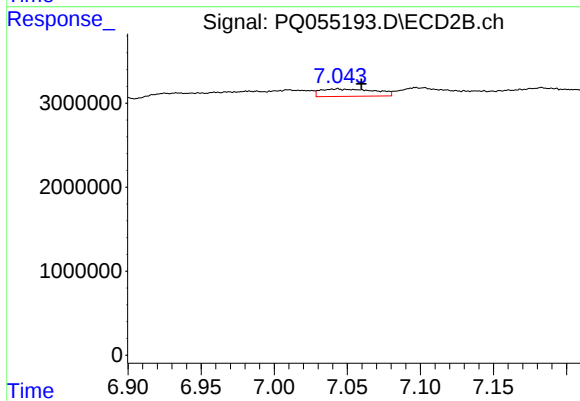
#27 AR-1254-2

R.T.: 6.629 min
Delta R.T.: -0.006 min
Response: 1244437
Conc: 2.63 ng/ml



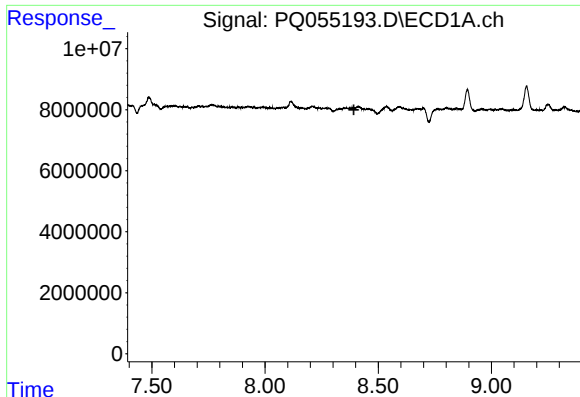
#28 AR-1254-3

R.T.: 8.115 min
Delta R.T.: 0.019 min
Response: 3989599
Conc: 3.92 ng/ml



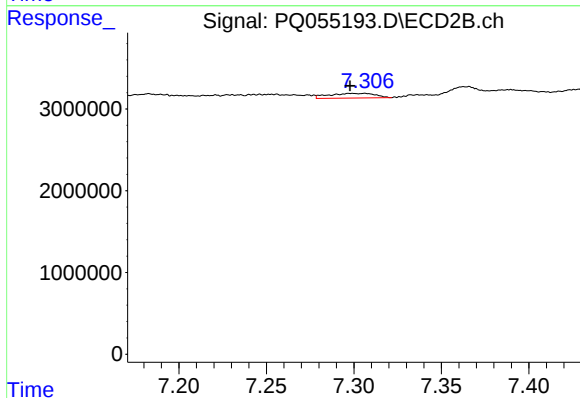
#28 AR-1254-3

R.T.: 7.043 min
Delta R.T.: -0.016 min
Response: 2271114
Conc: 2.89 ng/ml



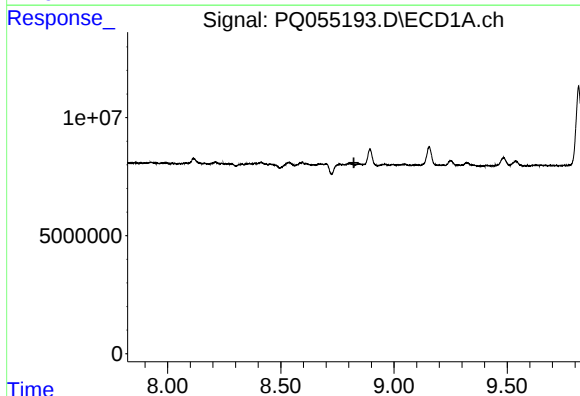
#29 AR-1254-4

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



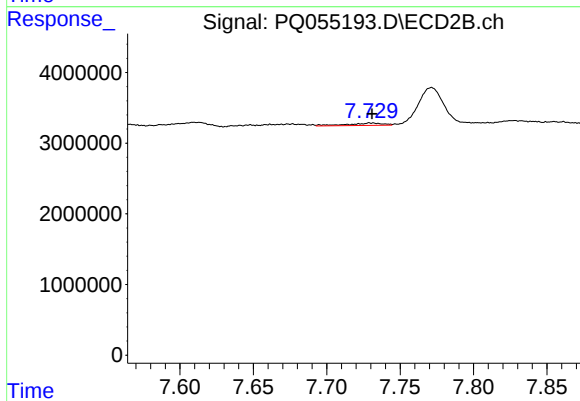
#29 AR-1254-4

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 1051472
Conc: 2.20 ng/ml



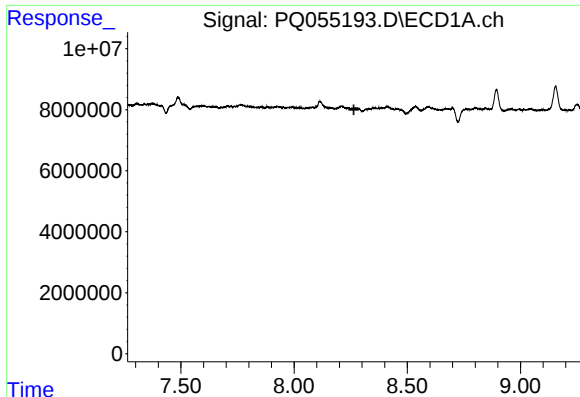
#30 AR-1254-5

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



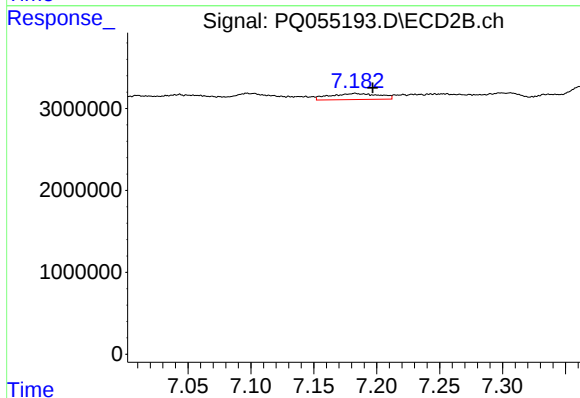
#30 AR-1254-5

R.T.: 7.730 min
Delta R.T.: -0.001 min
Response: 559712
Conc: 0.84 ng/ml



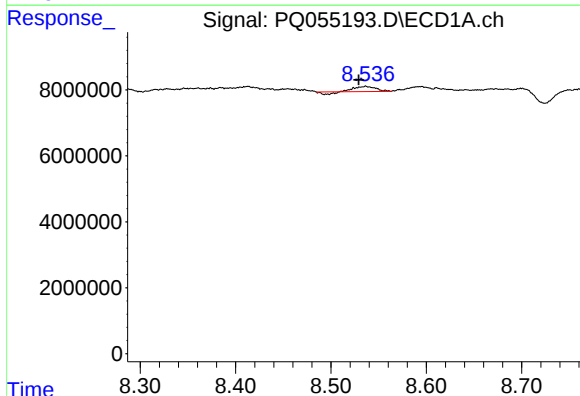
#31 AR-1260-1

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



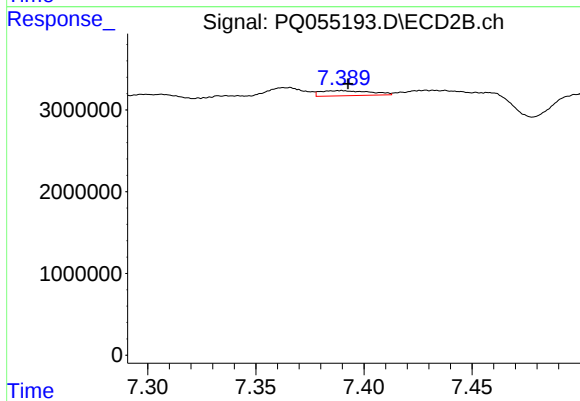
#31 AR-1260-1

R.T.: 7.183 min
Delta R.T.: -0.014 min
Response: 2019520
Conc: 4.03 ng/ml



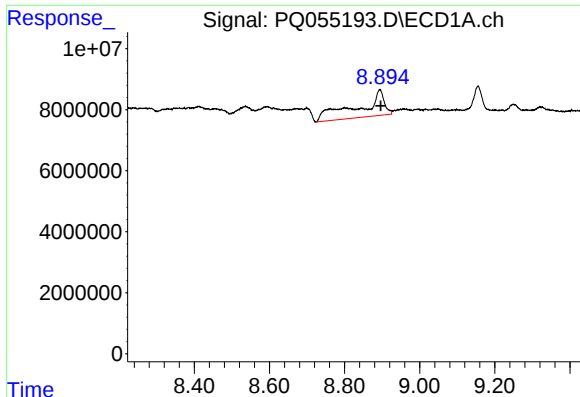
#32 AR-1260-2

R.T.: 8.536 min
Delta R.T.: 0.007 min
Response: 2100664
Conc: 2.53 ng/ml



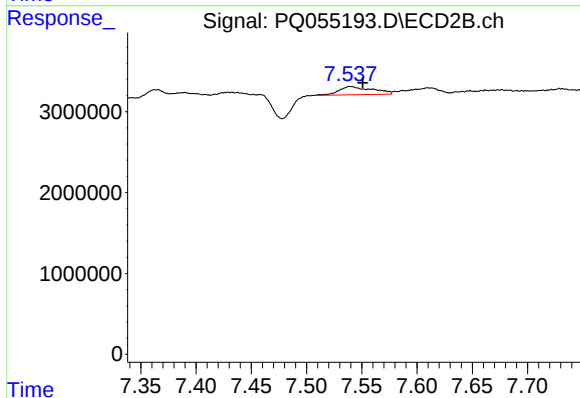
#32 AR-1260-2

R.T.: 7.390 min
Delta R.T.: -0.003 min
Response: 996144
Conc: 1.65 ng/ml



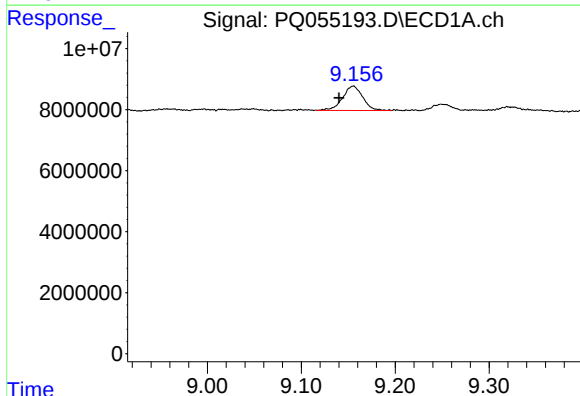
#33 AR-1260-3

R.T.: 8.894 min
Delta R.T.: -0.003 min
Response: 40521072
Conc: 63.75 ng/ml



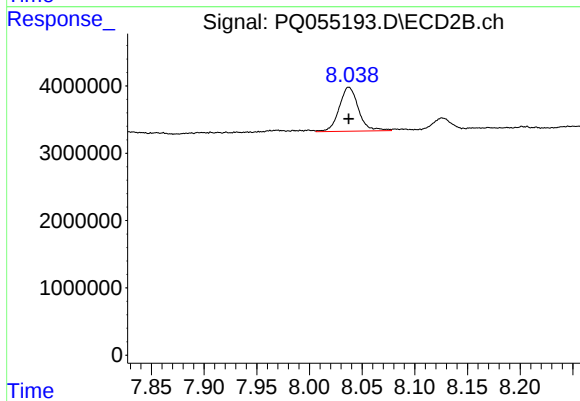
#33 AR-1260-3

R.T.: 7.540 min
Delta R.T.: -0.011 min
Response: 2144728
Conc: 3.76 ng/ml



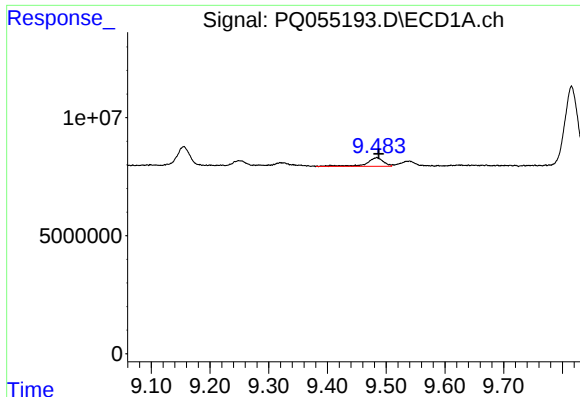
#34 AR-1260-4

R.T.: 9.155 min
Delta R.T.: 0.015 min
Response: 11846622
Conc: 15.54 ng/ml



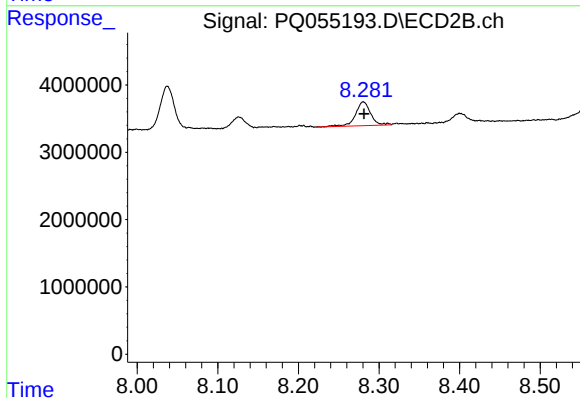
#34 AR-1260-4

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 8336331
Conc: 17.59 ng/ml



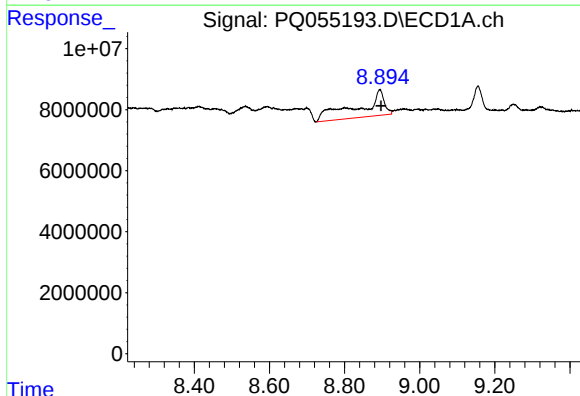
#35 AR-1260-5

R.T.: 9.484 min
Delta R.T.: -0.003 min
Response: 7224720
Conc: 4.69 ng/ml



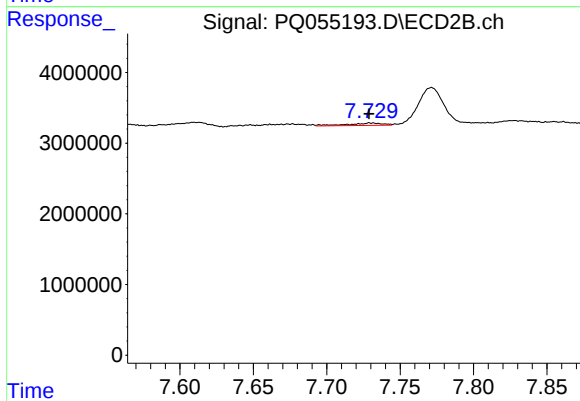
#35 AR-1260-5

R.T.: 8.281 min
Delta R.T.: -0.001 min
Response: 4631706
Conc: 4.01 ng/ml



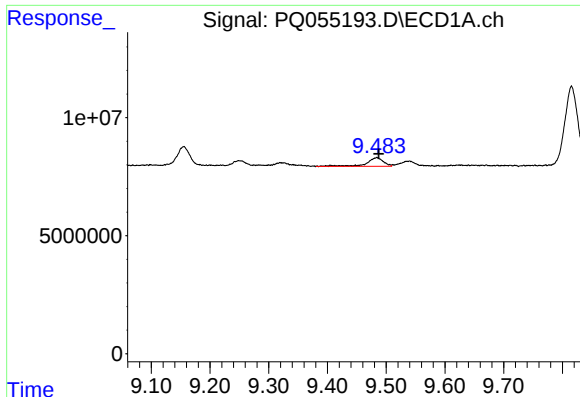
#36 AR-1262-1

R.T.: 8.894 min
Delta R.T.: -0.003 min
Response: 40521072
Conc: 46.98 ng/ml



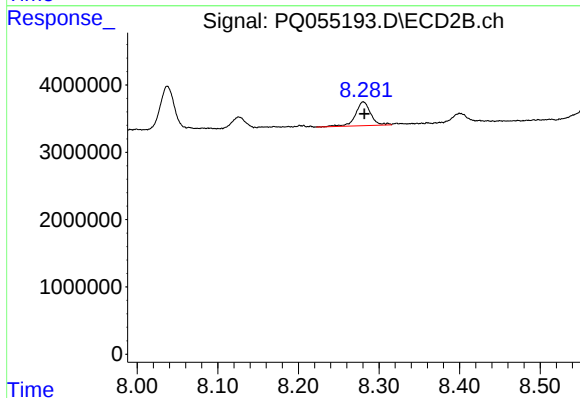
#36 AR-1262-1

R.T.: 7.730 min
Delta R.T.: 0.000 min
Response: 559712
Conc: 1.65 ng/ml



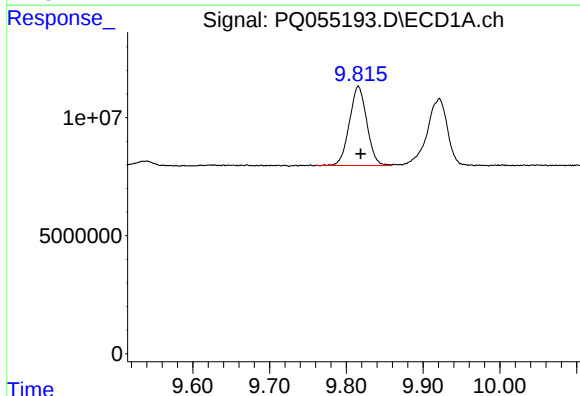
#37 AR-1262-2

R.T.: 9.484 min
Delta R.T.: -0.003 min
Response: 7224720
Conc: 4.36 ng/ml



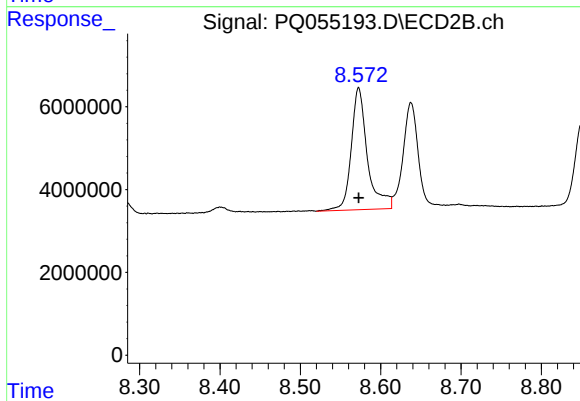
#37 AR-1262-2

R.T.: 8.281 min
Delta R.T.: -0.001 min
Response: 4631706
Conc: 3.76 ng/ml



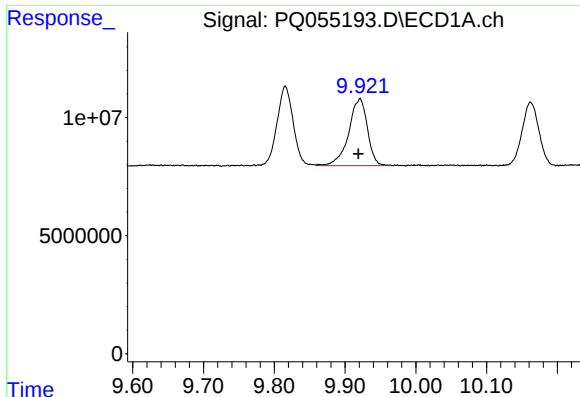
#38 AR-1262-3

R.T.: 9.816 min
Delta R.T.: -0.003 min
Response: 52967847
Conc: 65.82 ng/ml



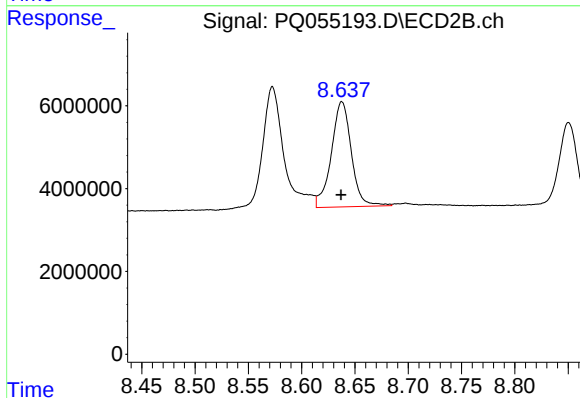
#38 AR-1262-3

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 41435392
Conc: 89.65 ng/ml



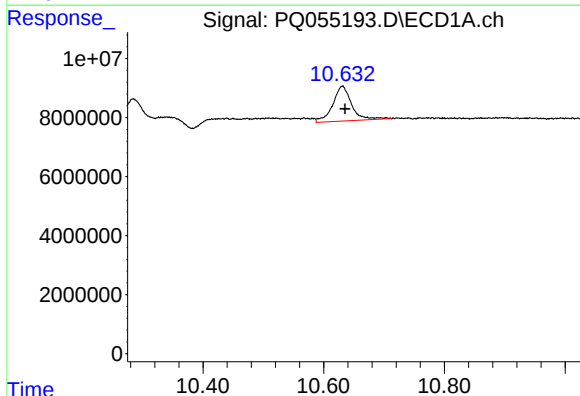
#39 AR-1262-4

R.T.: 9.921 min
Delta R.T.: 0.002 min
Response: 52120408
Conc: 106.76 ng/ml



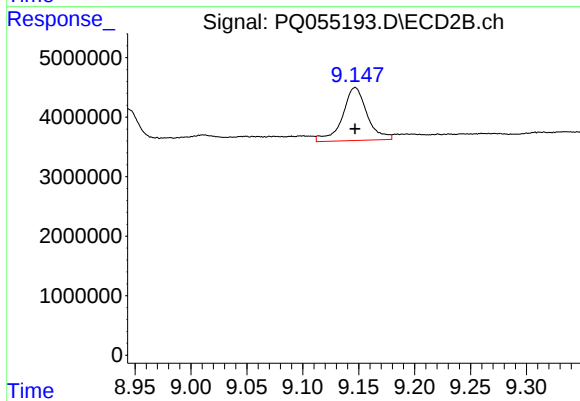
#39 AR-1262-4

R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 33330784
Conc: 37.34 ng/ml



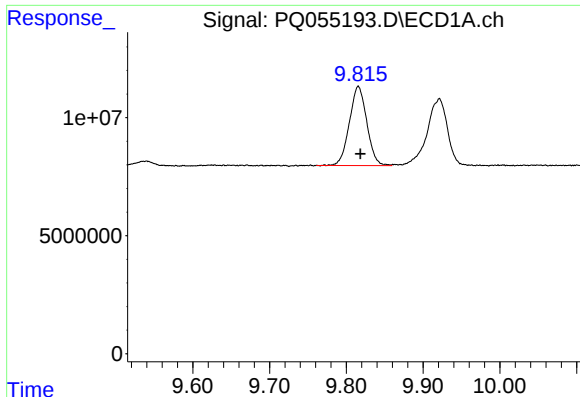
#40 AR-1262-5

R.T.: 10.631 min
Delta R.T.: -0.004 min
Response: 25693011
Conc: 37.98 ng/ml



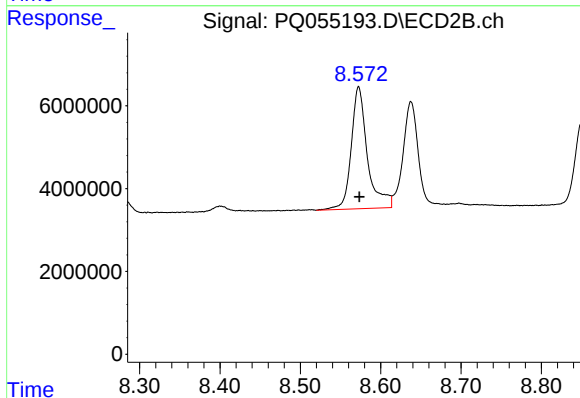
#40 AR-1262-5

R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 13639775
Conc: 33.97 ng/ml



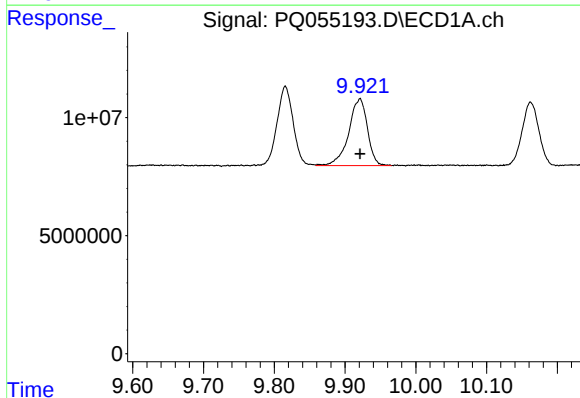
#41 AR-1268-1

R.T.: 9.816 min
Delta R.T.: -0.003 min
Response: 52967847
Conc: 26.65 ng/ml



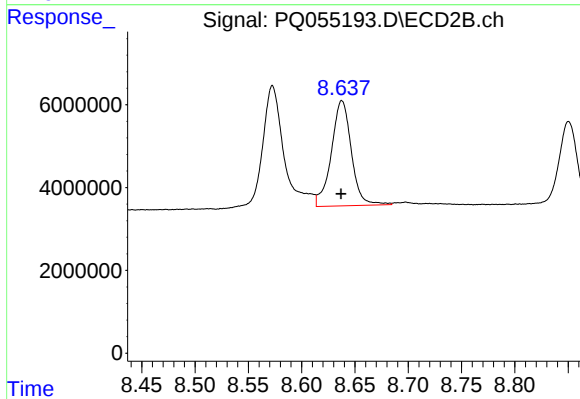
#41 AR-1268-1

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 41435392
Conc: 29.28 ng/ml



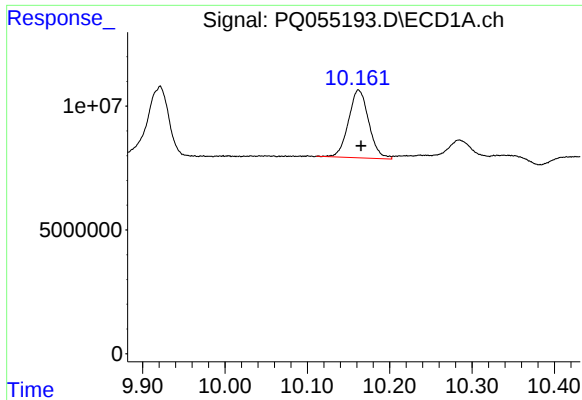
#42 AR-1268-2

R.T.: 9.921 min
Delta R.T.: 0.000 min
Response: 52120408
Conc: 26.63 ng/ml



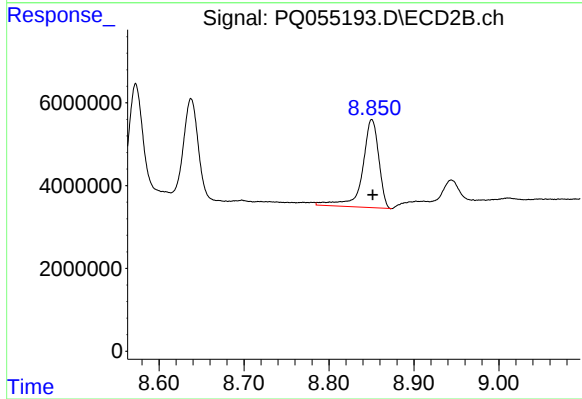
#42 AR-1268-2

R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 33330784
Conc: 25.58 ng/ml



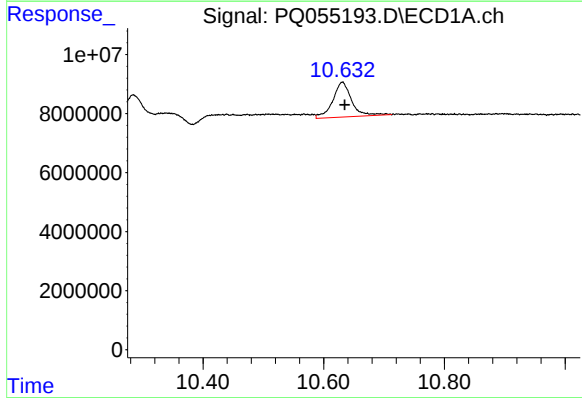
#43 AR-1268-3

R.T.: 10.162 min
Delta R.T.: -0.003 min
Response: 46881697
Conc: 28.20 ng/ml



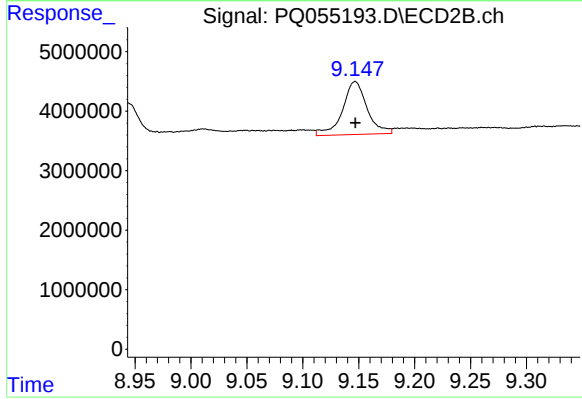
#43 AR-1268-3

R.T.: 8.850 min
Delta R.T.: -0.001 min
Response: 28390647
Conc: 25.95 ng/ml



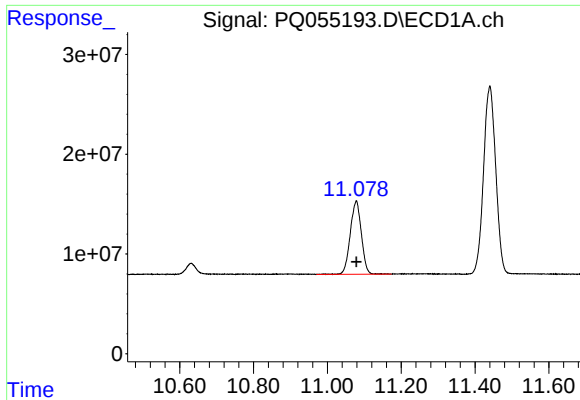
#44 AR-1268-4

R.T.: 10.631 min
Delta R.T.: -0.004 min
Response: 25693011
Conc: 33.89 ng/ml



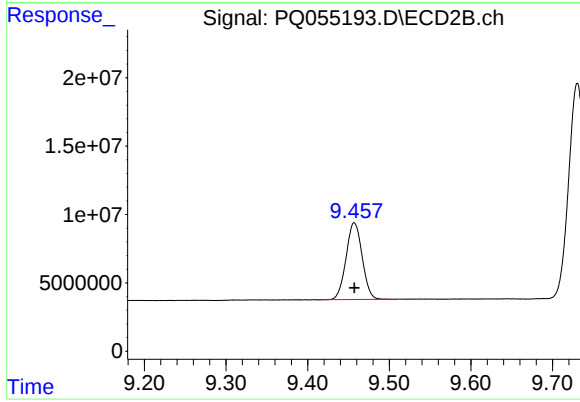
#44 AR-1268-4

R.T.: 9.147 min
Delta R.T.: 0.000 min
Response: 13639775
Conc: 30.19 ng/ml



#45 AR-1268-5

R.T.: 11.079 min
Delta R.T.: 0.000 min
Response: 153885735
Conc: 26.85 ng/ml



#45 AR-1268-5

R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 76995924
Conc: 21.78 ng/ml