

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112921\
 Data File : PQ055180.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 00:11
 Operator : AJ\MA
 Sample : M4068-01
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 06:31:50 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	406.8E6	233.8E6	23.139	22.737
2)	SA Decachlor...	11.439	9.731	394.9E6	207.3E6	25.037	23.150
Target Compounds							
3)	L1 AR-1016-1	0.000	5.594	0	48062	N.D.	0.134 #
4)	L1 AR-1016-2	0.000	5.621	0	989276	N.D.	1.922 #
5)	L1 AR-1016-3	0.000	5.787f	0	515691	N.D.	1.926 #
6)	L1 AR-1016-4	0.000	5.860	0	4097595	N.D.	18.890 #
7)	L1 AR-1016-5	7.087	6.091	3572605	1420087	8.196	5.188 #
8)	L2 AR-1221-1	0.000	4.588	0	32698	N.D.	0.303 #
9)	L2 AR-1221-2	5.603	4.682	6295815	3026428	35.980	39.053
10)	L2 AR-1221-3	0.000	4.789	0	280633	N.D.	1.090 #
11)	L3 AR-1232-1	0.000	4.789	0	280633	N.D.	1.291 #
12)	L3 AR-1232-2	0.000	5.621	0	989276	N.D.	4.696 #
13)	L3 AR-1232-3	0.000	5.787f	0	515691	N.D.	4.699 #
14)	L3 AR-1232-4	0.000	5.905	0	835505	N.D.	8.607 #
15)	L3 AR-1232-5	6.865	6.091	4463188	1420087	32.099	13.779 #
16)	L4 AR-1242-1	0.000	5.594	0	48062	N.D.	0.180 #
17)	L4 AR-1242-2	0.000	5.621	0	989276	N.D.	2.554 #
18)	L4 AR-1242-3	0.000	5.787f	0	515691	N.D.	2.557 #
19)	L4 AR-1242-4	0.000	5.905	0	835505	N.D.	4.268 #
20)	L4 AR-1242-5	7.554	6.475	3035845	10137679	8.311	40.205 #
21)	L5 AR-1248-1	0.000	5.594	0	48062	N.D.	0.240 #
22)	L5 AR-1248-2	6.865	5.860	4463188	4097595	9.739	14.573 #
23)	L5 AR-1248-3	7.087	5.905	3572605	835505	6.624	2.856 #
24)	L5 AR-1248-4	7.513	6.091	5591158	1420087	9.214	4.079 #
25)	L5 AR-1248-5	7.554	0.000	3035845	0	4.960	N.D. #
26)	L6 AR-1254-1	7.482	6.475	10648039	10137679	18.138	18.328
27)	L6 AR-1254-2	7.711	6.634	15824443	6852097	17.460	14.480
28)	L6 AR-1254-3	8.094	7.059	17269981	10645819	16.967	13.560
29)	L6 AR-1254-4	8.390	7.297	11638828	6450146	15.470	13.518
30)	L6 AR-1254-5	8.821	7.730	9575285	9529214	11.795	14.246
31)	L7 AR-1260-1	8.261	7.197	6262429	5282481	8.908	10.539
32)	L7 AR-1260-2	8.525	7.391	9110172	4367845	10.978	7.223 #
33)	L7 AR-1260-3	0.000	7.548	0	4973058	N.D.	8.707 #
34)	L7 AR-1260-4	9.129	8.040	5516503	808677	7.236	1.707 #
35)	L7 AR-1260-5	0.000	8.280	0	3880423	N.D.	3.360 #
36)	L8 AR-1262-1	0.000	7.730	0	9529214	N.D.	28.017 #
37)	L8 AR-1262-2	0.000	8.280	0	3880423	N.D.	3.149 #
38)	L8 AR-1262-3	0.000	8.575	0	1751764	N.D.	3.790 #
39)	L8 AR-1262-4	0.000	8.632	0	2516463	N.D.	2.819 #
40)	L8 AR-1262-5	0.000	9.154	0	8156583	N.D.	20.311 #
41)	L9 AR-1268-1	0.000	8.575	0	1751764	N.D.	1.238 #

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 Quant Title : GC EXTRACTABLES
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 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

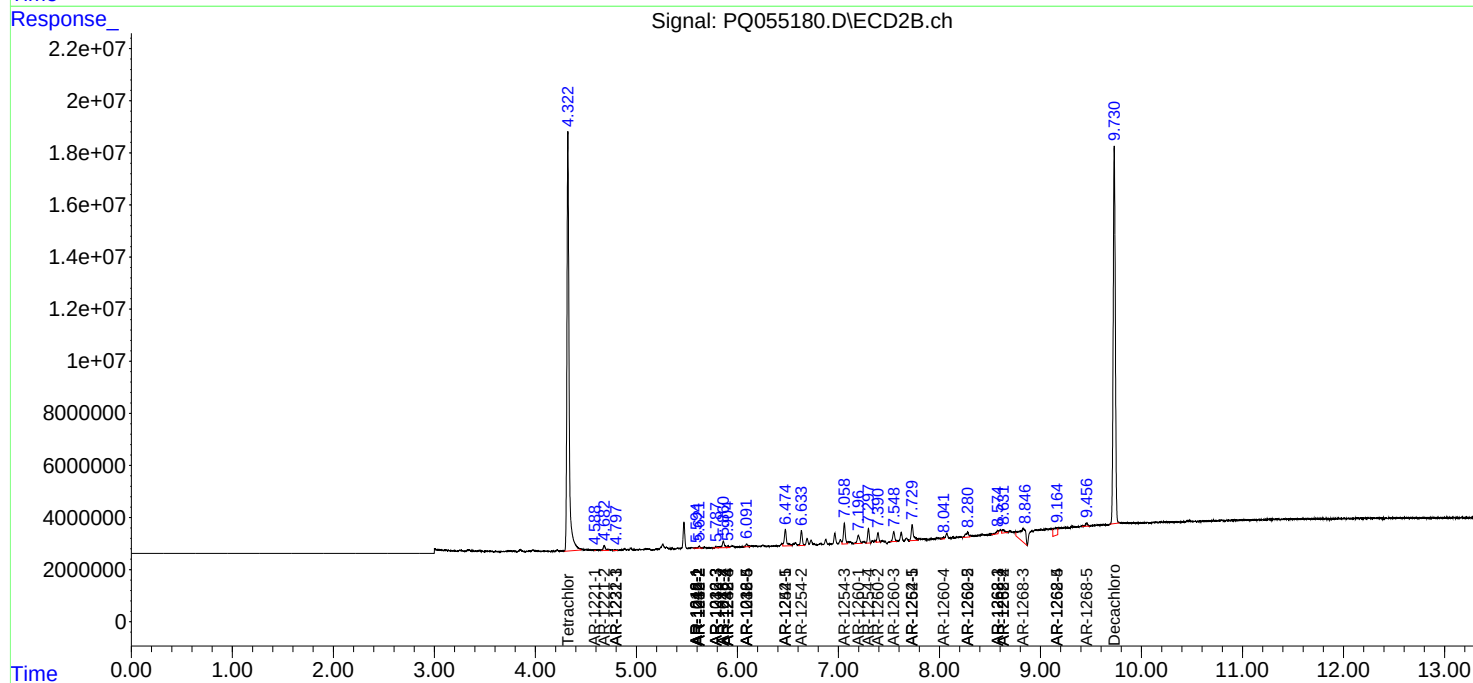
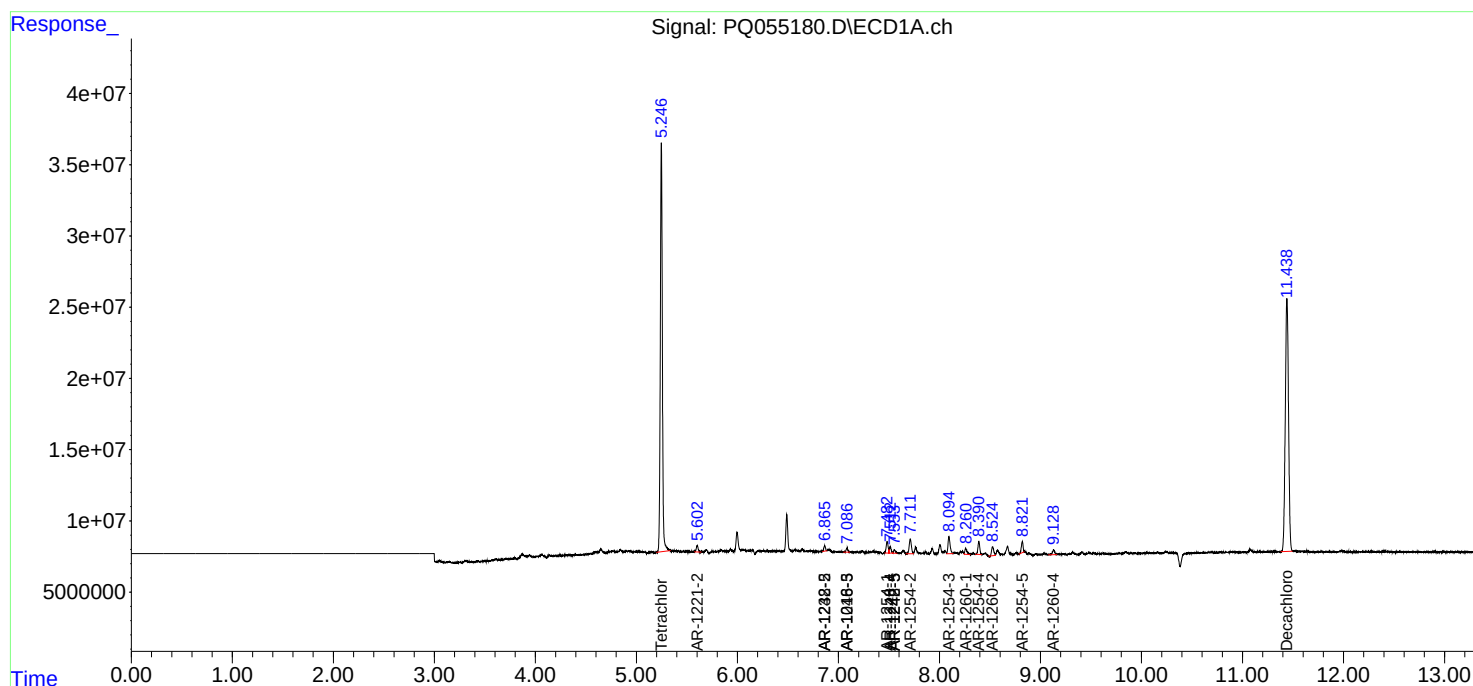
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	8.632	0	2516463	N.D.	1.931 #
43) L9	AR-1268-3	0.000	8.831f	0	22602728	N.D.	20.661 #
44) L9	AR-1268-4	0.000	9.154	0	8156583	N.D.	18.055 #
45) L9	AR-1268-5	0.000	9.457	0	1771104	N.D.	0.501 #

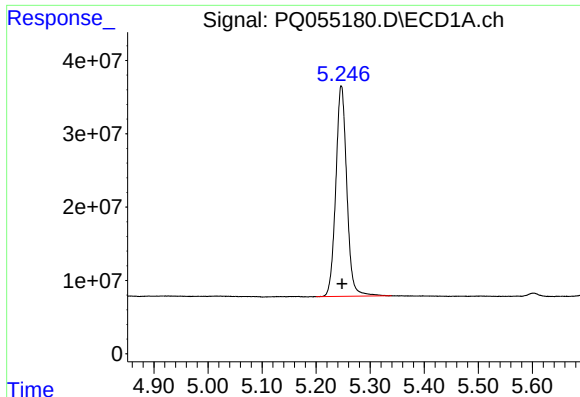
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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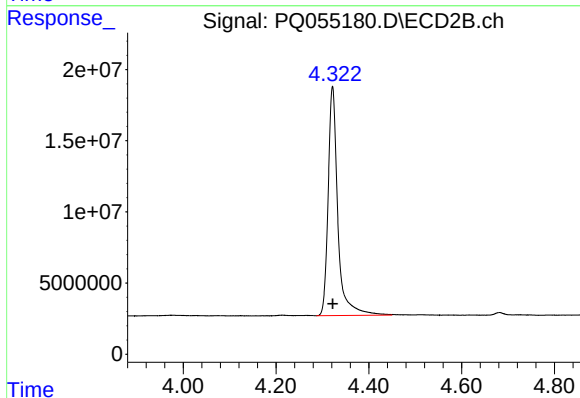
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





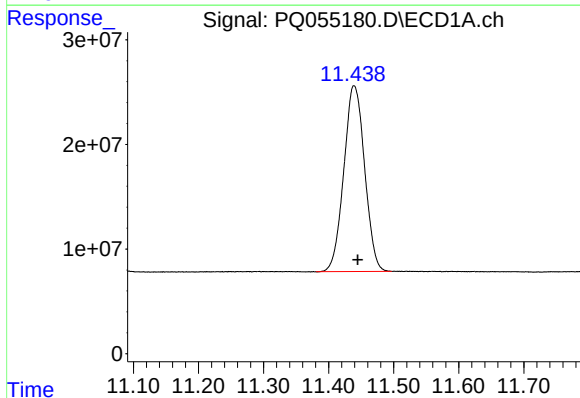
#1 Tetrachloro-m-xylene

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 406825969
Conc: 23.14 ng/ml



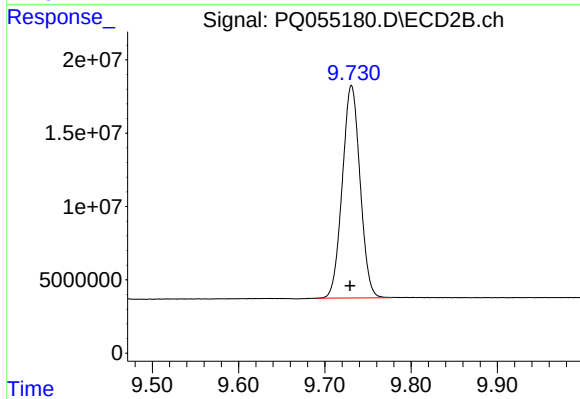
#1 Tetrachloro-m-xylene

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 233813283
Conc: 22.74 ng/ml



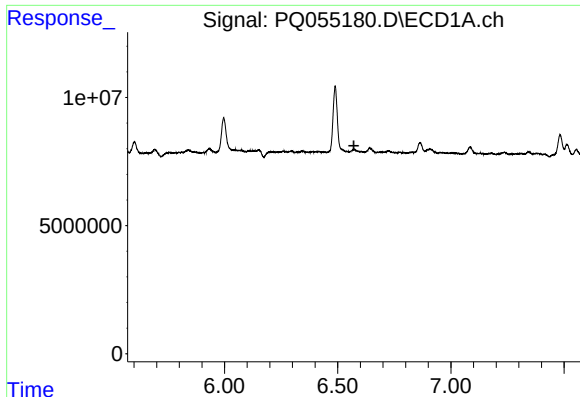
#2 Decachlorobiphenyl

R.T.: 11.439 min
Delta R.T.: -0.006 min
Response: 394897576
Conc: 25.04 ng/ml



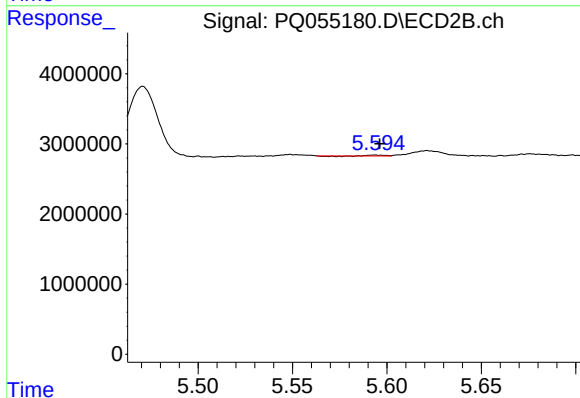
#2 Decachlorobiphenyl

R.T.: 9.731 min
Delta R.T.: 0.002 min
Response: 207285851
Conc: 23.15 ng/ml



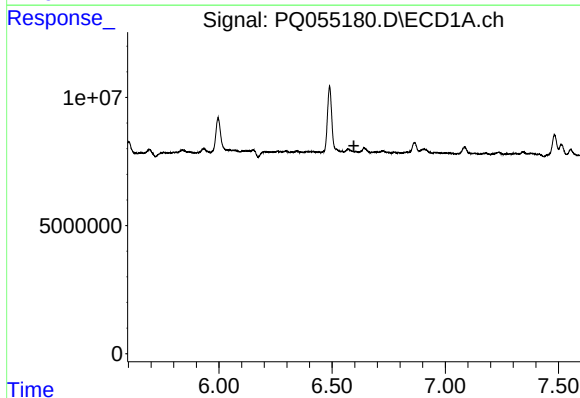
#3 AR-1016-1

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



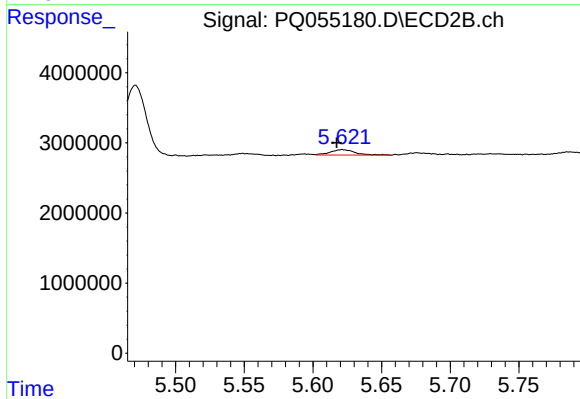
#3 AR-1016-1

R.T.: 5.594 min
Delta R.T.: -0.002 min
Response: 48062
Conc: 0.13 ng/ml



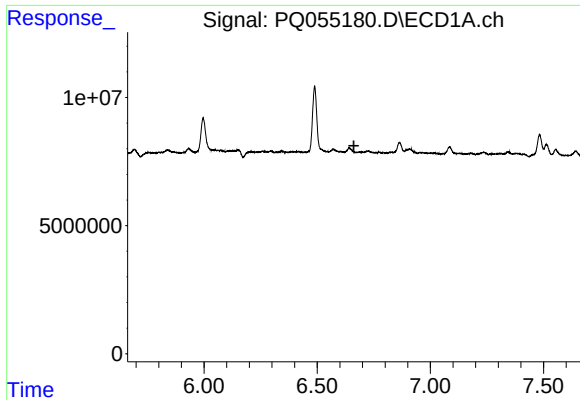
#4 AR-1016-2

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



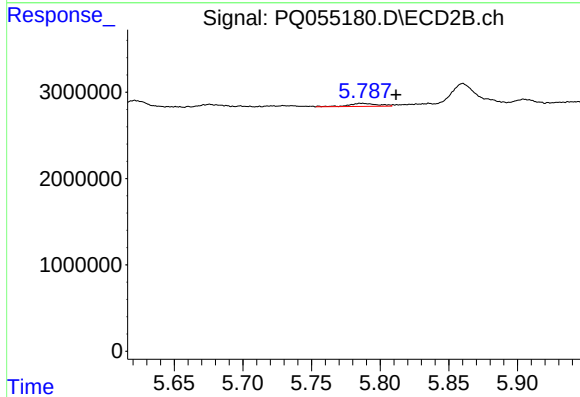
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: 0.004 min
Response: 989276
Conc: 1.92 ng/ml



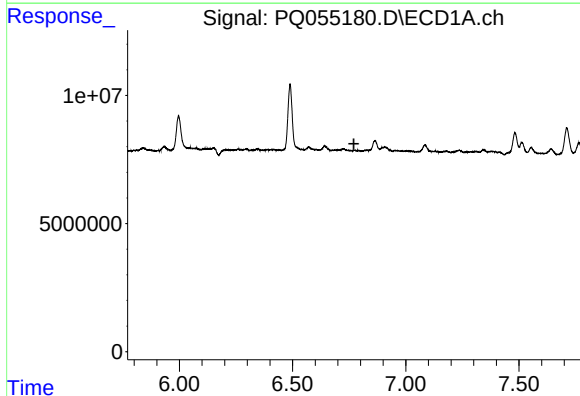
#5 AR-1016-3

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



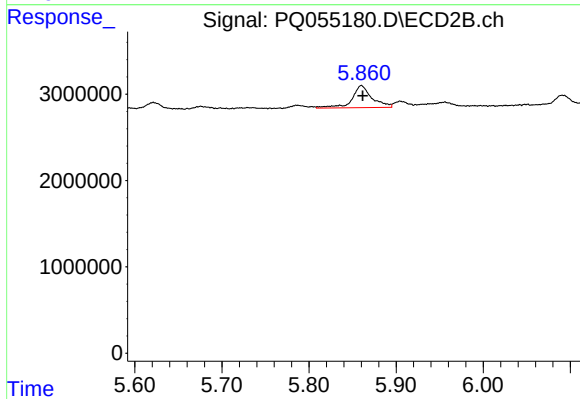
#5 AR-1016-3

R.T.: 5.787 min
Delta R.T.: -0.025 min
Response: 515691
Conc: 1.93 ng/ml



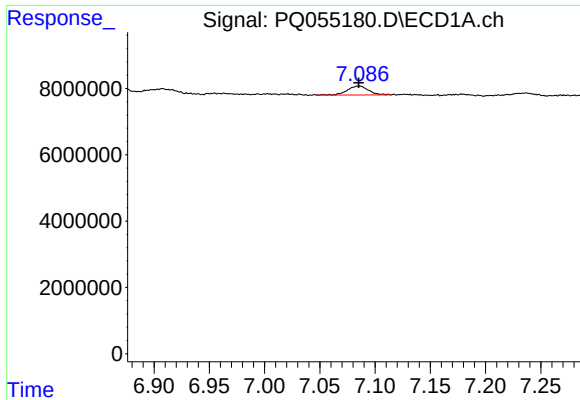
#6 AR-1016-4

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



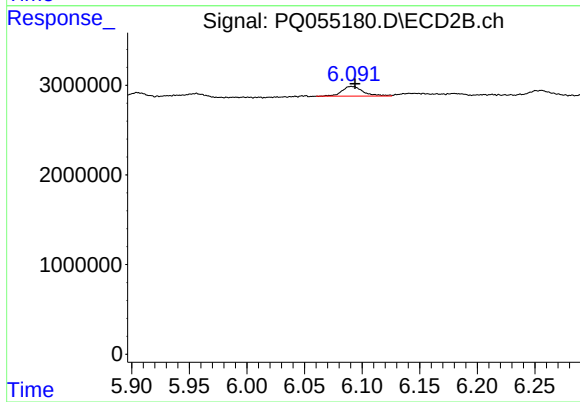
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.001 min
Response: 4097595
Conc: 18.89 ng/ml



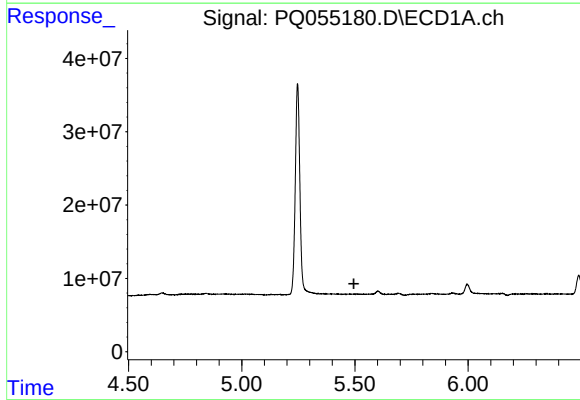
#7 AR-1016-5

R.T.: 7.087 min
Delta R.T.: 0.001 min
Response: 3572605
Conc: 8.20 ng/ml



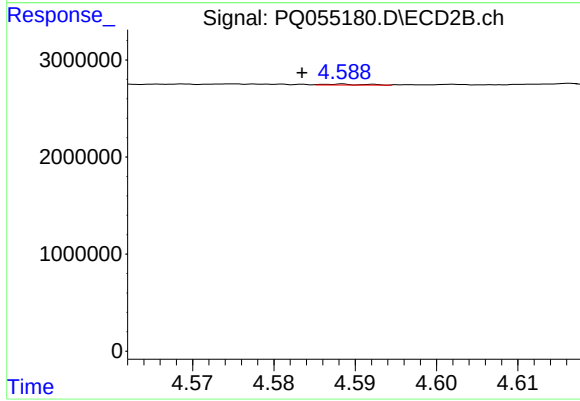
#7 AR-1016-5

R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 1420087
Conc: 5.19 ng/ml



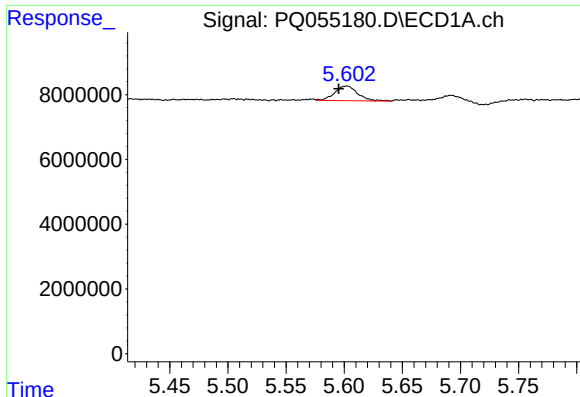
#8 AR-1221-1

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



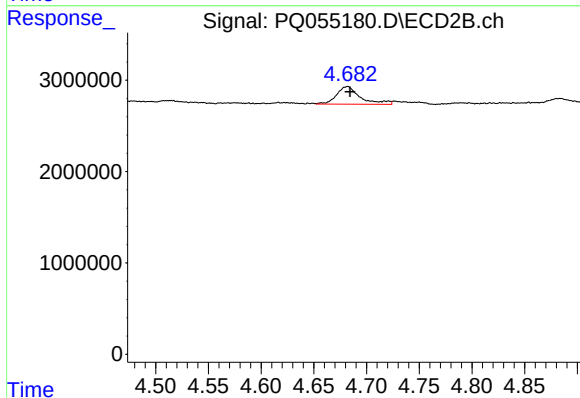
#8 AR-1221-1

R.T.: 4.588 min
Delta R.T.: 0.005 min
Response: 32698
Conc: 0.30 ng/ml



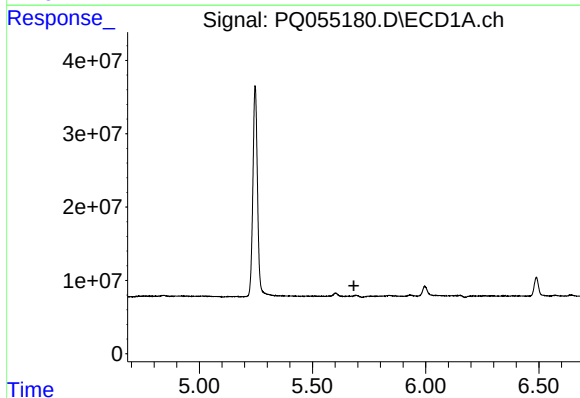
#9 AR-1221-2

R.T.: 5.603 min
Delta R.T.: 0.007 min
Response: 6295815
Conc: 35.98 ng/ml



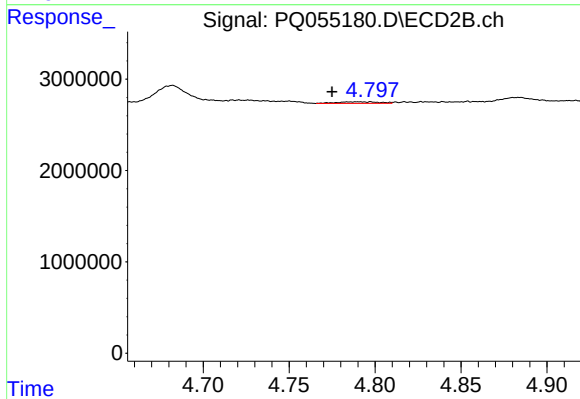
#9 AR-1221-2

R.T.: 4.682 min
Delta R.T.: -0.002 min
Response: 3026428
Conc: 39.05 ng/ml



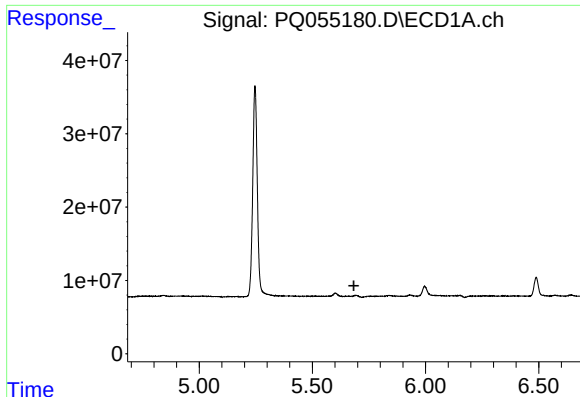
#10 AR-1221-3

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



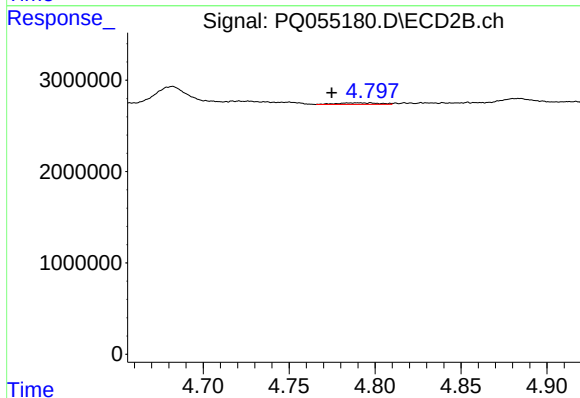
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: 0.014 min
Response: 280633
Conc: 1.09 ng/ml



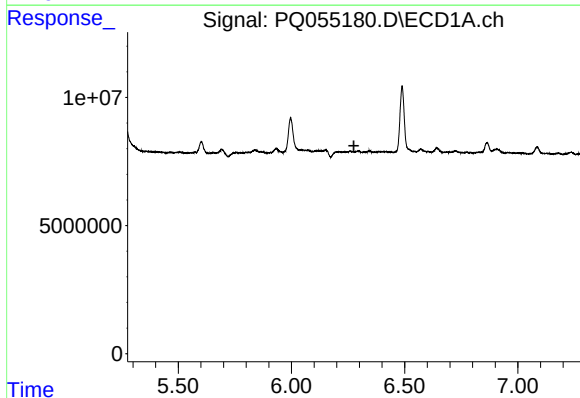
#11 AR-1232-1

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



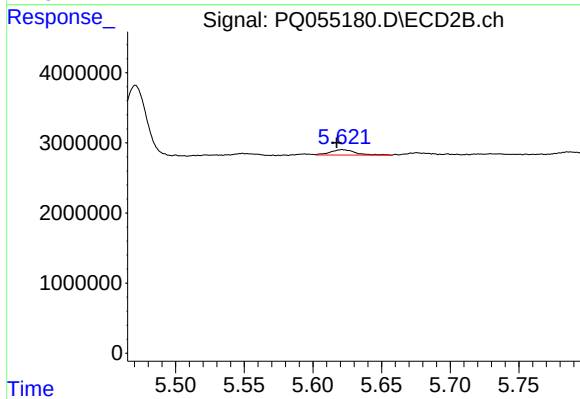
#11 AR-1232-1

R.T.: 4.789 min
Delta R.T.: 0.015 min
Response: 280633
Conc: 1.29 ng/ml



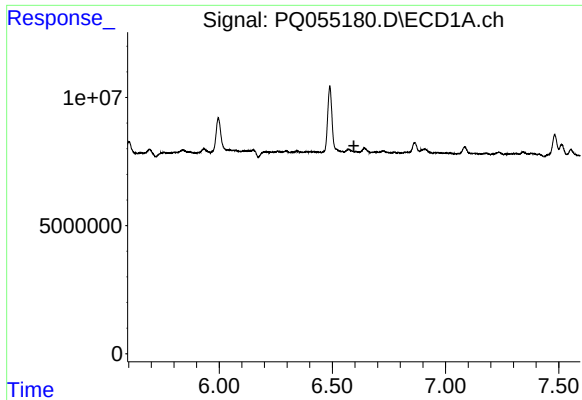
#12 AR-1232-2

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



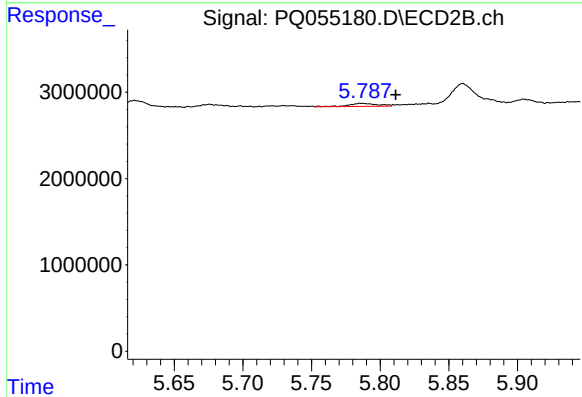
#12 AR-1232-2

R.T.: 5.621 min
Delta R.T.: 0.004 min
Response: 989276
Conc: 4.70 ng/ml



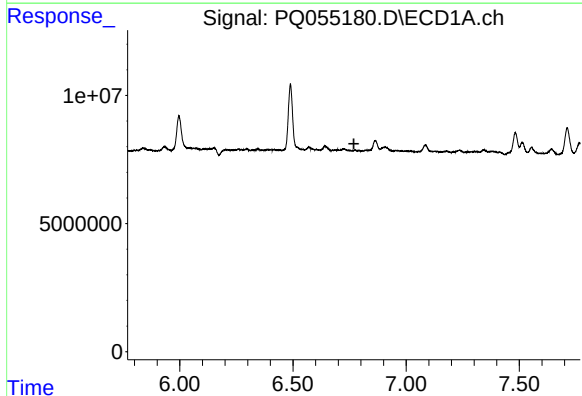
#13 AR-1232-3

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



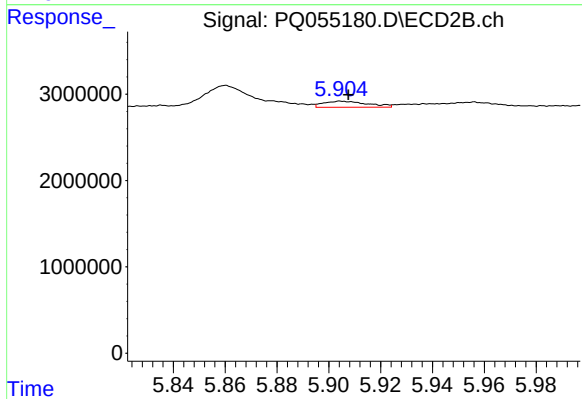
#13 AR-1232-3

R.T.: 5.787 min
Delta R.T.: -0.025 min
Response: 515691
Conc: 4.70 ng/ml



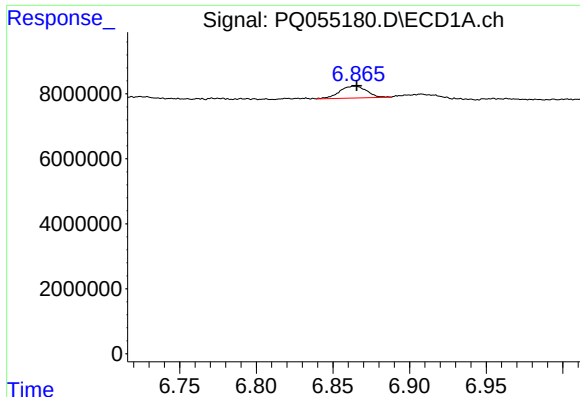
#14 AR-1232-4

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



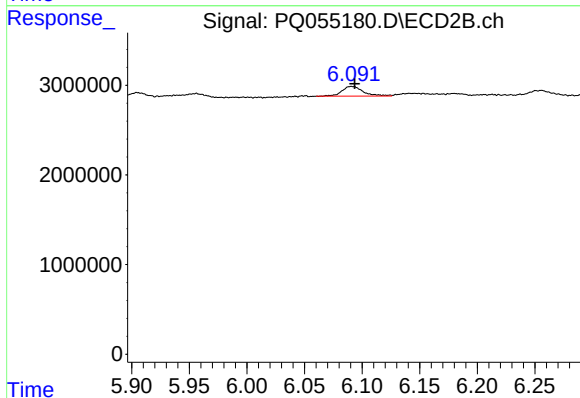
#14 AR-1232-4

R.T.: 5.905 min
Delta R.T.: -0.003 min
Response: 835505
Conc: 8.61 ng/ml



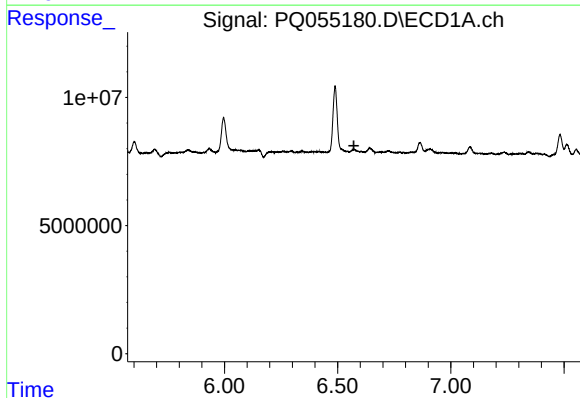
#15 AR-1232-5

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 4463188
Conc: 32.10 ng/ml



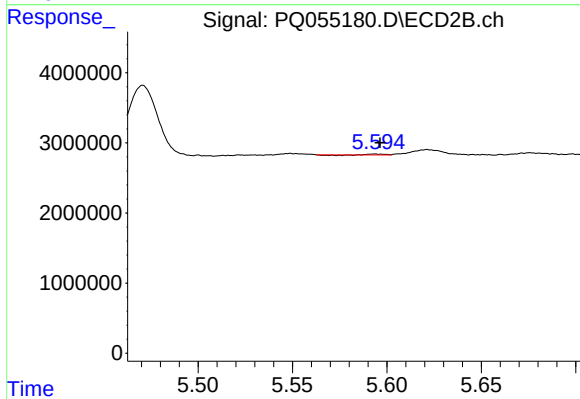
#15 AR-1232-5

R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 1420087
Conc: 13.78 ng/ml



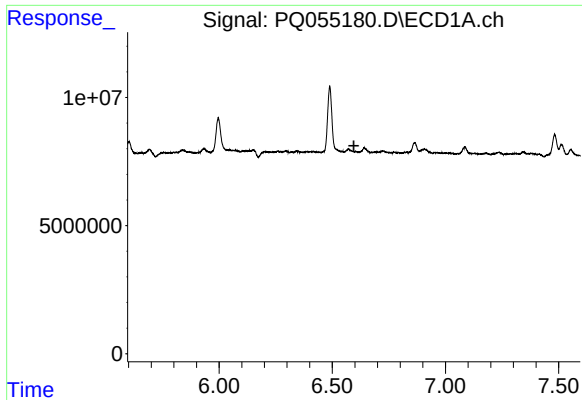
#16 AR-1242-1

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



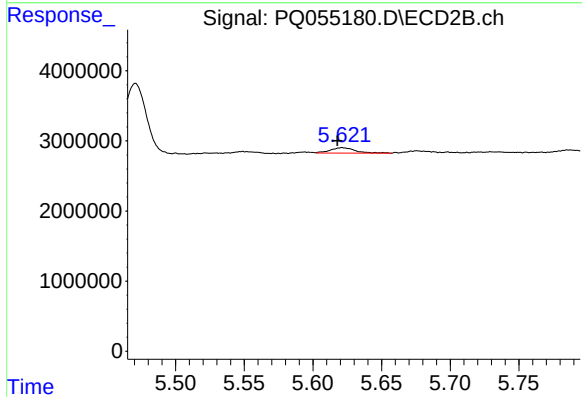
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: -0.002 min
Response: 48062
Conc: 0.18 ng/ml



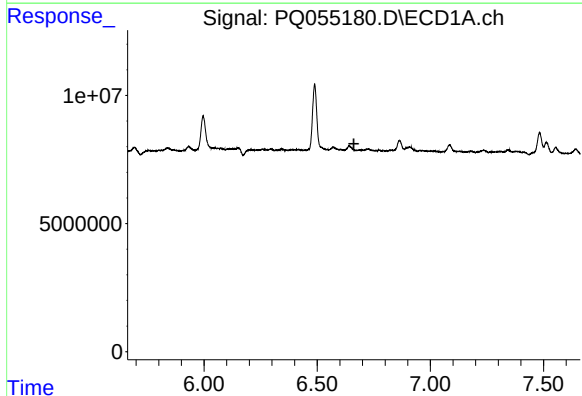
#17 AR-1242-2

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



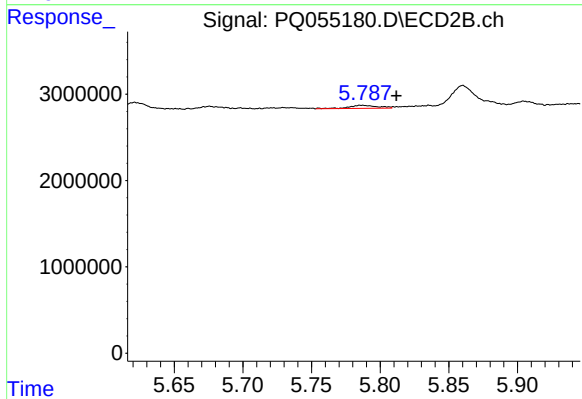
#17 AR-1242-2

R.T.: 5.621 min
Delta R.T.: 0.004 min
Response: 989276
Conc: 2.55 ng/ml



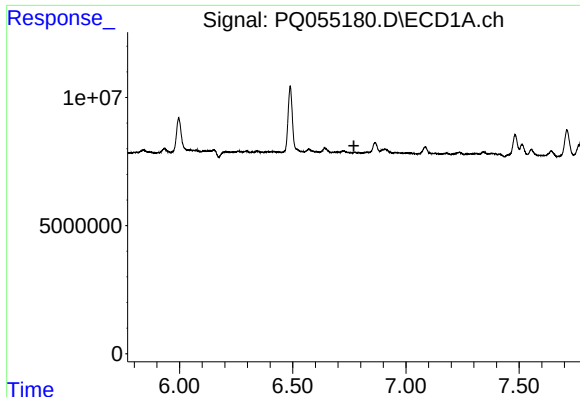
#18 AR-1242-3

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



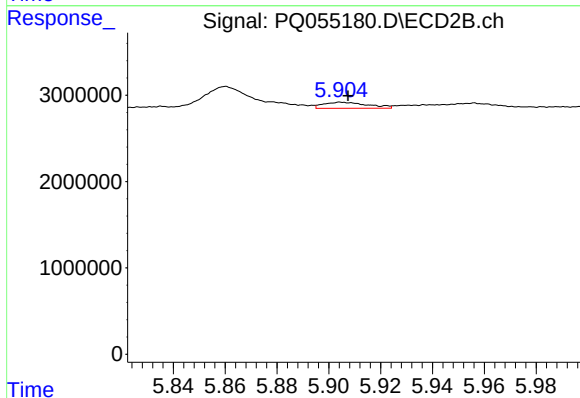
#18 AR-1242-3

R.T.: 5.787 min
Delta R.T.: -0.025 min
Response: 515691
Conc: 2.56 ng/ml



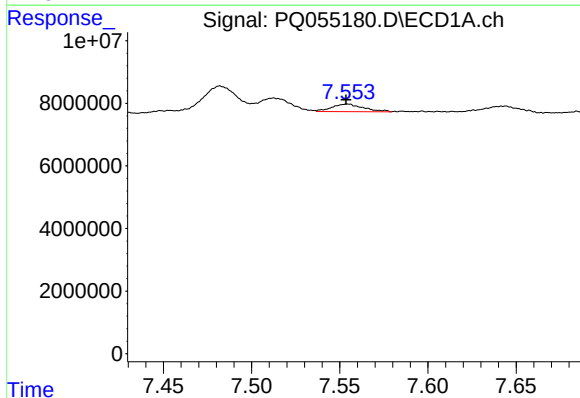
#19 AR-1242-4

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



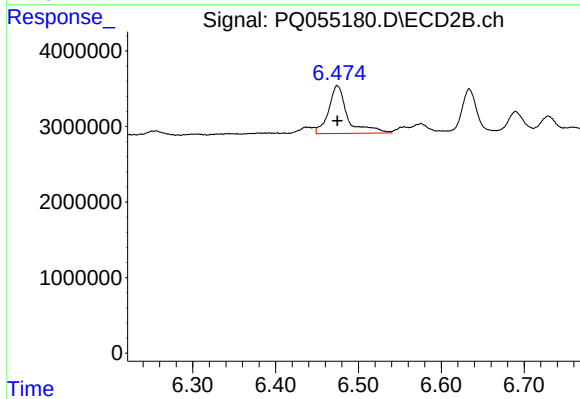
#19 AR-1242-4

R.T.: 5.905 min
Delta R.T.: -0.003 min
Response: 835505
Conc: 4.27 ng/ml



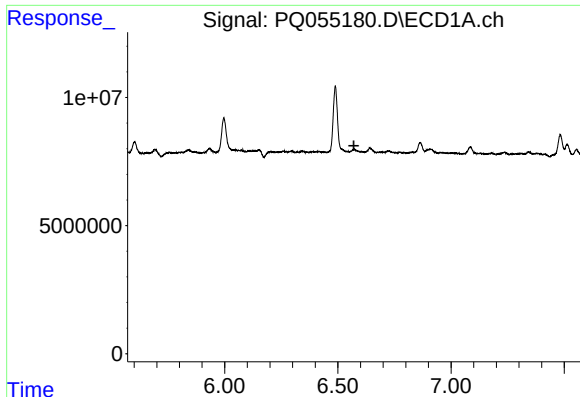
#20 AR-1242-5

R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 3035845
Conc: 8.31 ng/ml



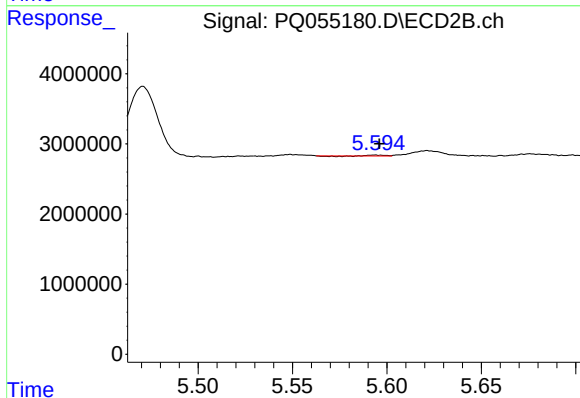
#20 AR-1242-5

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 10137679
Conc: 40.20 ng/ml



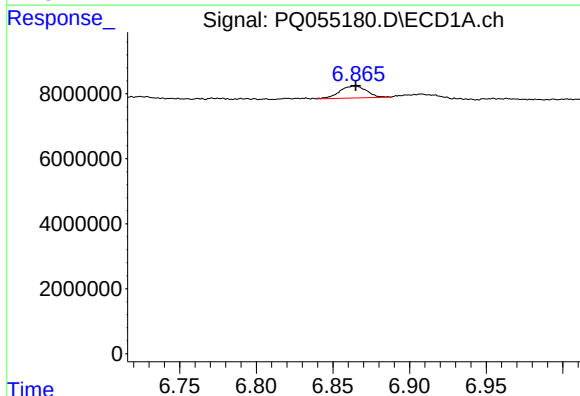
#21 AR-1248-1

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



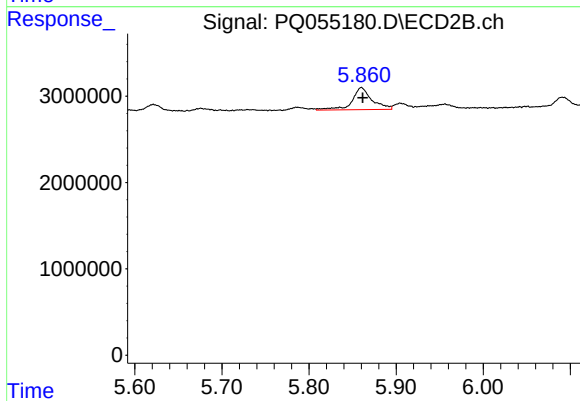
#21 AR-1248-1

R.T.: 5.594 min
Delta R.T.: -0.002 min
Response: 48062
Conc: 0.24 ng/ml



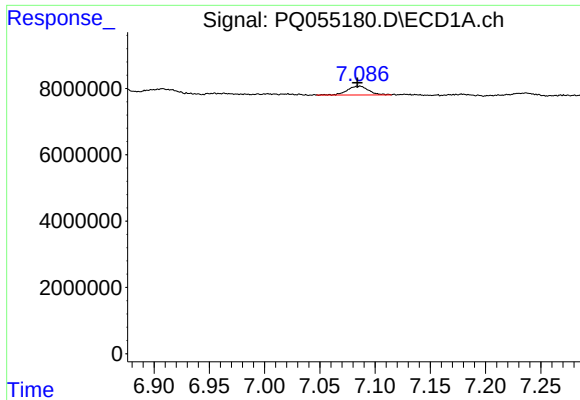
#22 AR-1248-2

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 4463188
Conc: 9.74 ng/ml



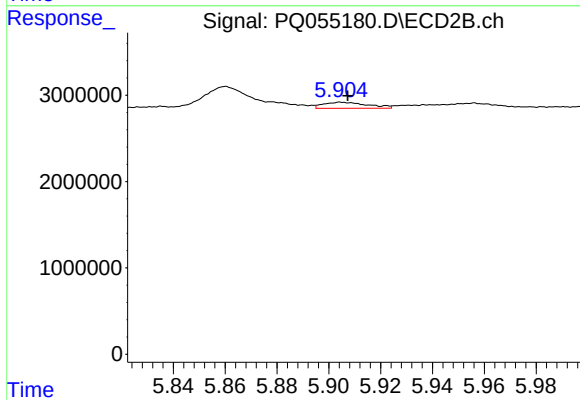
#22 AR-1248-2

R.T.: 5.860 min
Delta R.T.: -0.001 min
Response: 4097595
Conc: 14.57 ng/ml



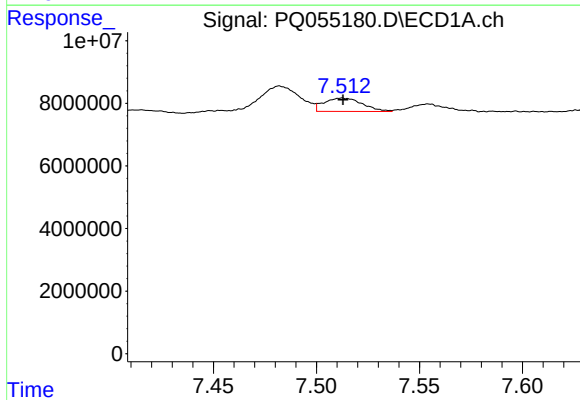
#23 AR-1248-3

R.T.: 7.087 min
Delta R.T.: 0.003 min
Response: 3572605
Conc: 6.62 ng/ml



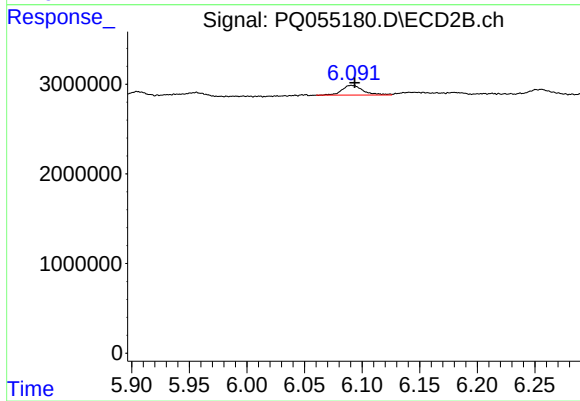
#23 AR-1248-3

R.T.: 5.905 min
Delta R.T.: -0.003 min
Response: 835505
Conc: 2.86 ng/ml



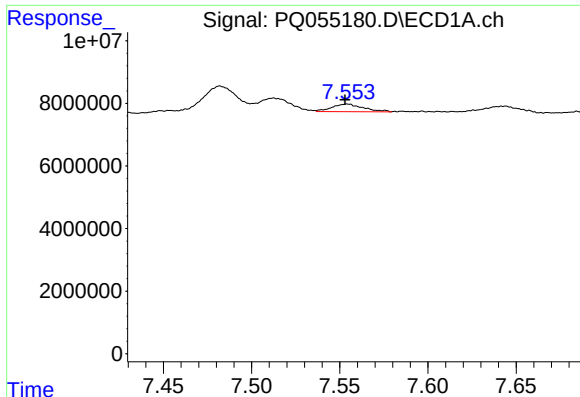
#24 AR-1248-4

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 5591158
Conc: 9.21 ng/ml



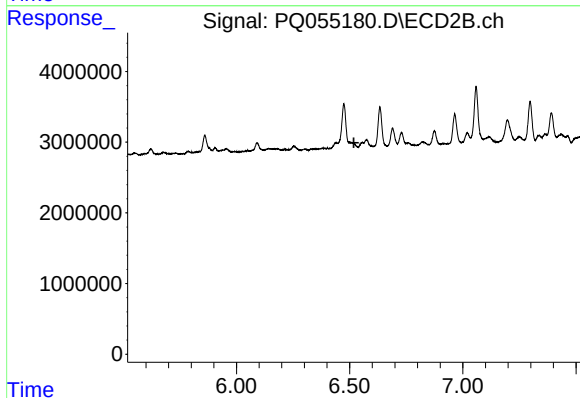
#24 AR-1248-4

R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 1420087
Conc: 4.08 ng/ml



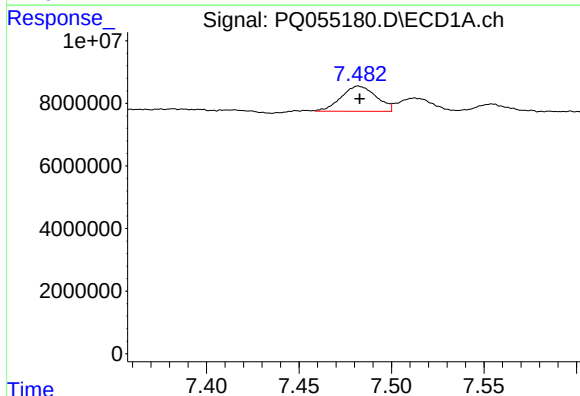
#25 AR-1248-5

R.T.: 7.554 min
Delta R.T.: 0.001 min
Response: 3035845
Conc: 4.96 ng/ml



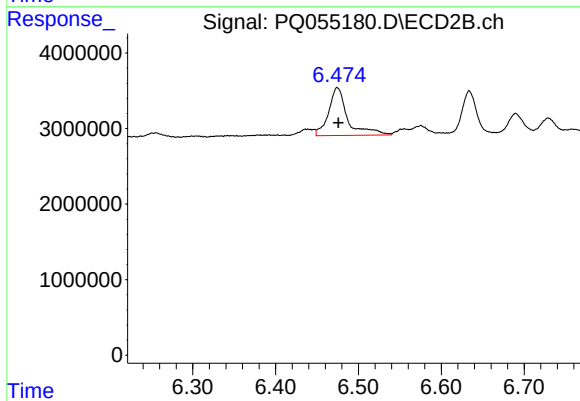
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.519 min
Response: 0
Conc: N.D.



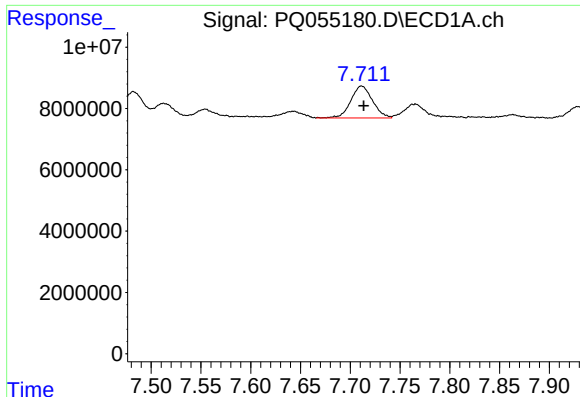
#26 AR-1254-1

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 10648039
Conc: 18.14 ng/ml



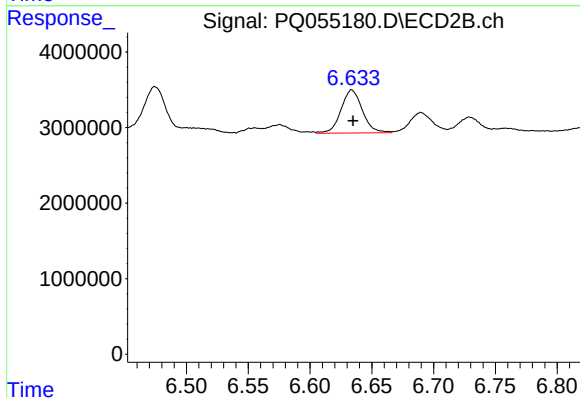
#26 AR-1254-1

R.T.: 6.475 min
Delta R.T.: -0.001 min
Response: 10137679
Conc: 18.33 ng/ml



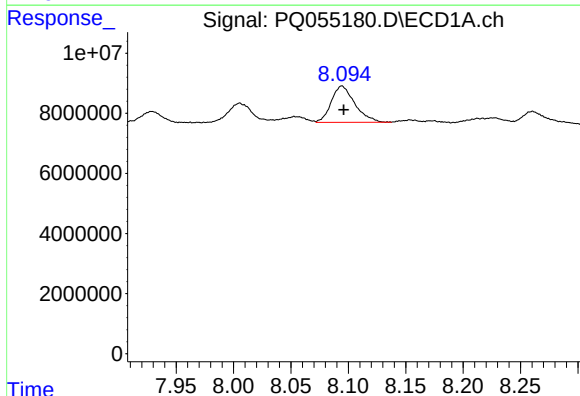
#27 AR-1254-2

R.T.: 7.711 min
Delta R.T.: -0.002 min
Response: 15824443
Conc: 17.46 ng/ml



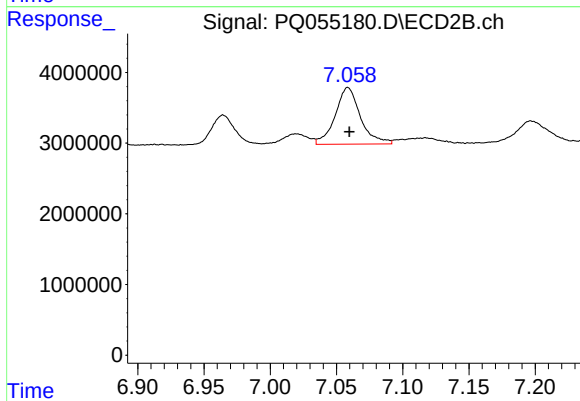
#27 AR-1254-2

R.T.: 6.634 min
Delta R.T.: 0.000 min
Response: 6852097
Conc: 14.48 ng/ml



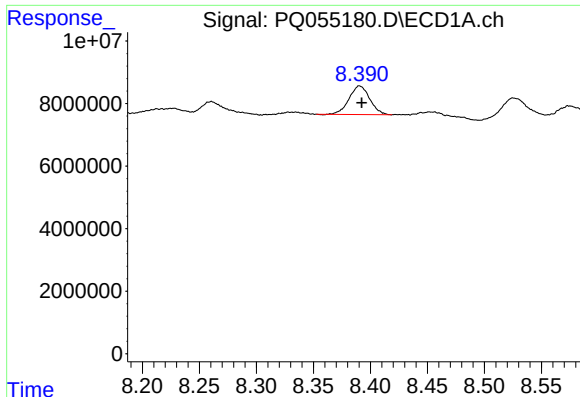
#28 AR-1254-3

R.T.: 8.094 min
Delta R.T.: -0.002 min
Response: 17269981
Conc: 16.97 ng/ml



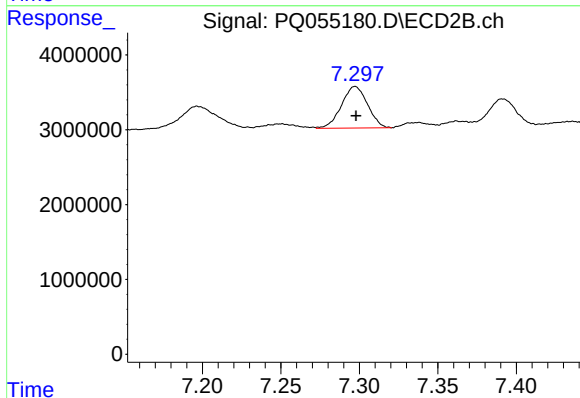
#28 AR-1254-3

R.T.: 7.059 min
Delta R.T.: -0.001 min
Response: 10645819
Conc: 13.56 ng/ml



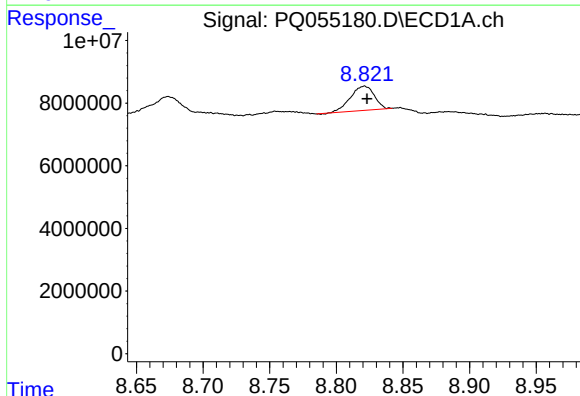
#29 AR-1254-4

R.T.: 8.390 min
Delta R.T.: -0.002 min
Response: 11638828
Conc: 15.47 ng/ml



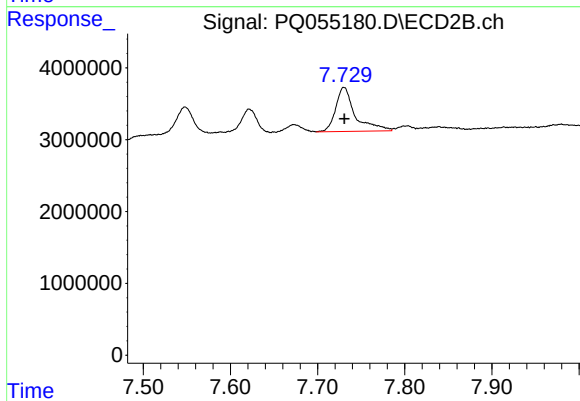
#29 AR-1254-4

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 6450146
Conc: 13.52 ng/ml



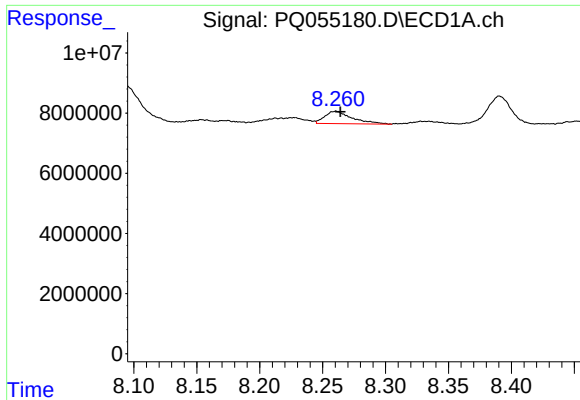
#30 AR-1254-5

R.T.: 8.821 min
Delta R.T.: -0.002 min
Response: 9575285
Conc: 11.79 ng/ml



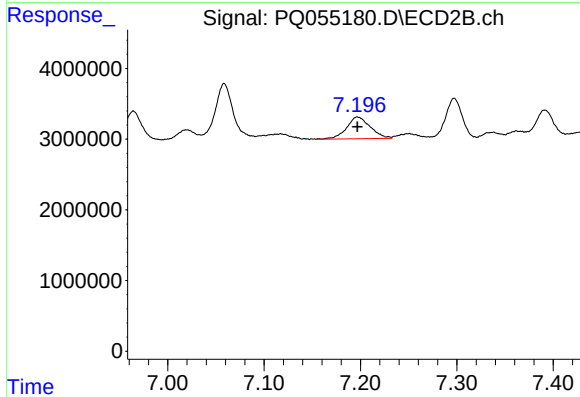
#30 AR-1254-5

R.T.: 7.730 min
Delta R.T.: 0.000 min
Response: 9529214
Conc: 14.25 ng/ml



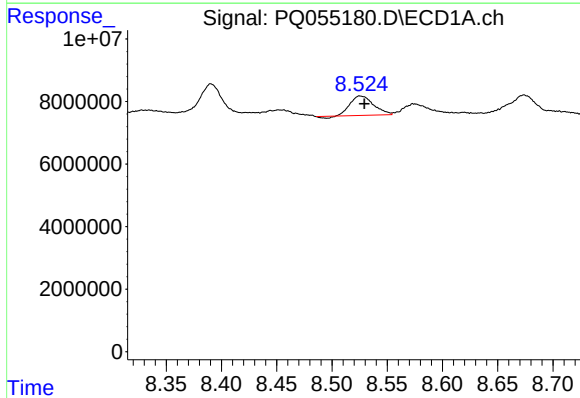
#31 AR-1260-1

R.T.: 8.261 min
Delta R.T.: -0.003 min
Response: 6262429
Conc: 8.91 ng/ml



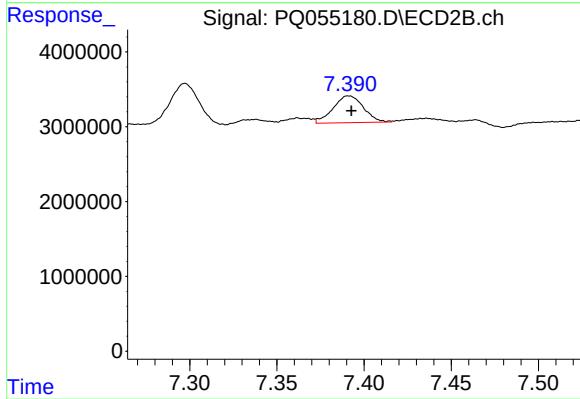
#31 AR-1260-1

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 5282481
Conc: 10.54 ng/ml



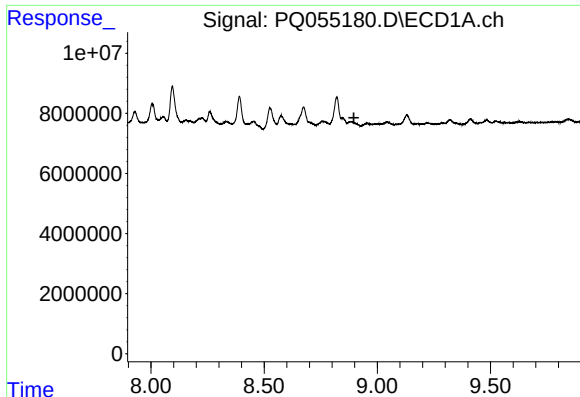
#32 AR-1260-2

R.T.: 8.525 min
Delta R.T.: -0.004 min
Response: 9110172
Conc: 10.98 ng/ml



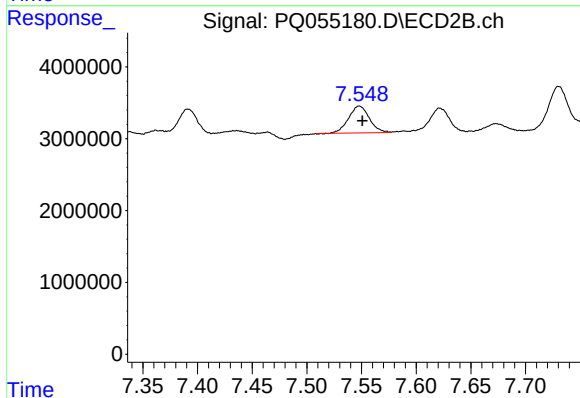
#32 AR-1260-2

R.T.: 7.391 min
Delta R.T.: -0.001 min
Response: 4367845
Conc: 7.22 ng/ml



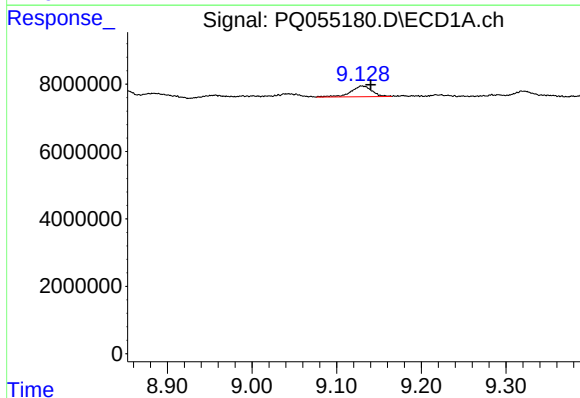
#33 AR-1260-3

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



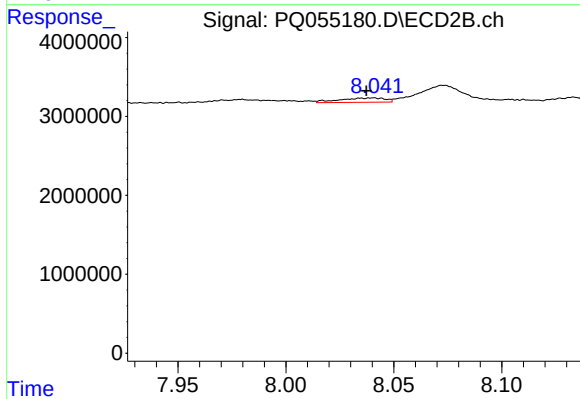
#33 AR-1260-3

R.T.: 7.548 min
Delta R.T.: -0.003 min
Response: 4973058
Conc: 8.71 ng/ml



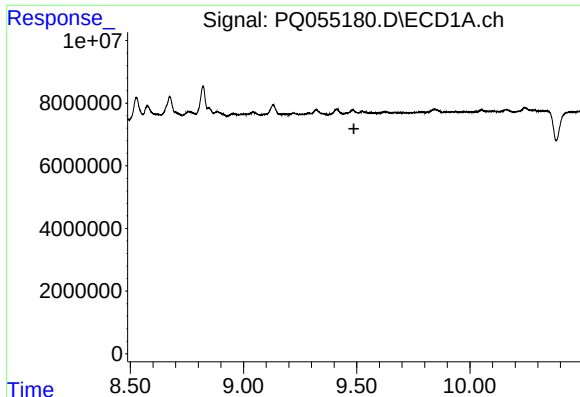
#34 AR-1260-4

R.T.: 9.129 min
Delta R.T.: -0.012 min
Response: 5516503
Conc: 7.24 ng/ml



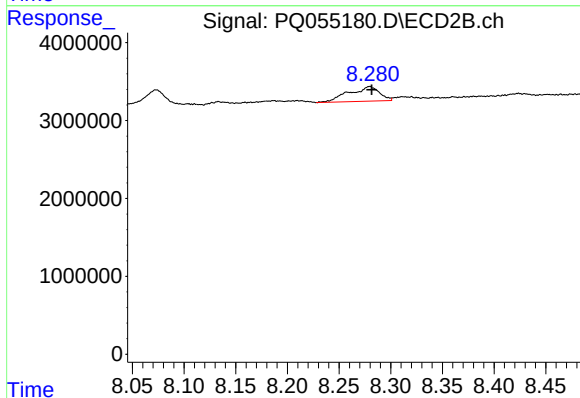
#34 AR-1260-4

R.T.: 8.040 min
Delta R.T.: 0.003 min
Response: 808677
Conc: 1.71 ng/ml



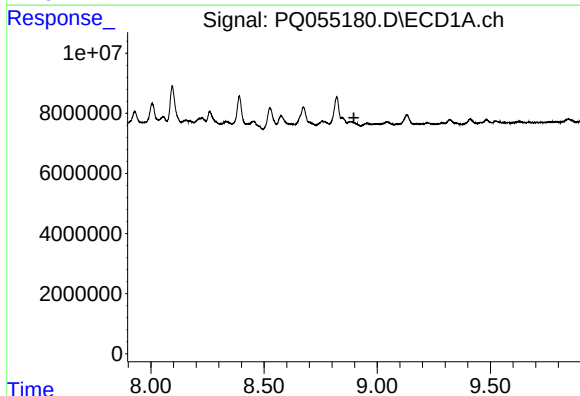
#35 AR-1260-5

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



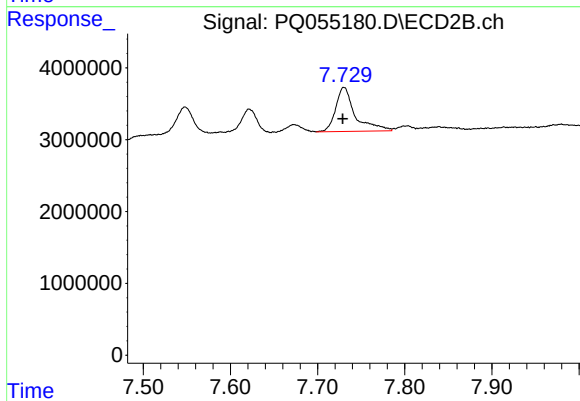
#35 AR-1260-5

R.T.: 8.280 min
Delta R.T.: -0.002 min
Response: 3880423
Conc: 3.36 ng/ml



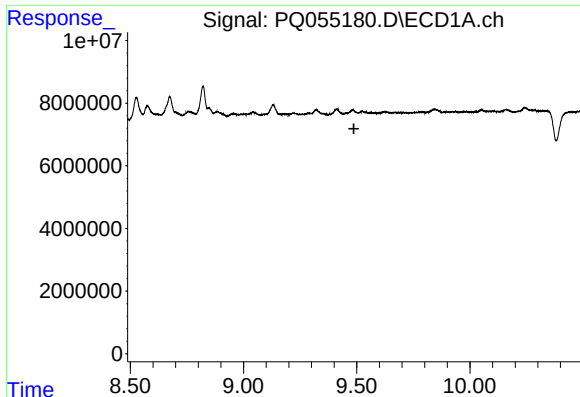
#36 AR-1262-1

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



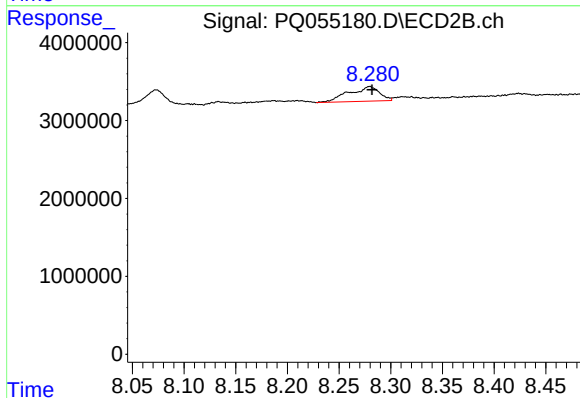
#36 AR-1262-1

R.T.: 7.730 min
Delta R.T.: 0.001 min
Response: 9529214
Conc: 28.02 ng/ml



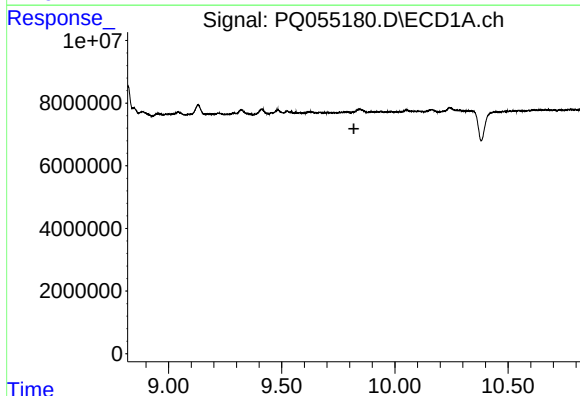
#37 AR-1262-2

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



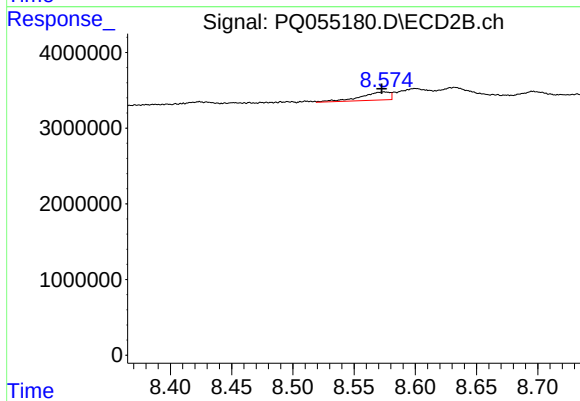
#37 AR-1262-2

R.T.: 8.280 min
Delta R.T.: -0.002 min
Response: 3880423
Conc: 3.15 ng/ml



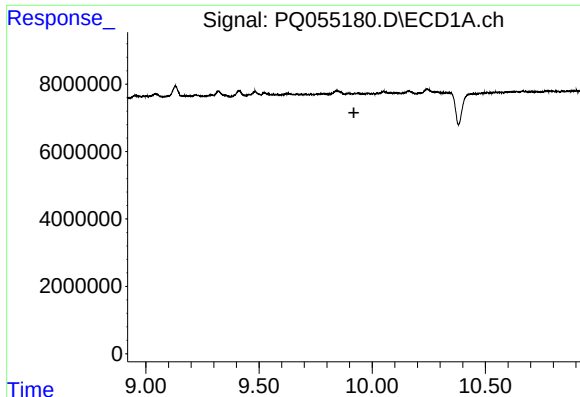
#38 AR-1262-3

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



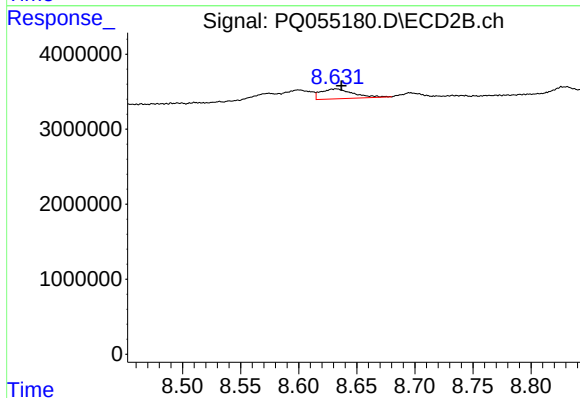
#38 AR-1262-3

R.T.: 8.575 min
Delta R.T.: 0.002 min
Response: 1751764
Conc: 3.79 ng/ml



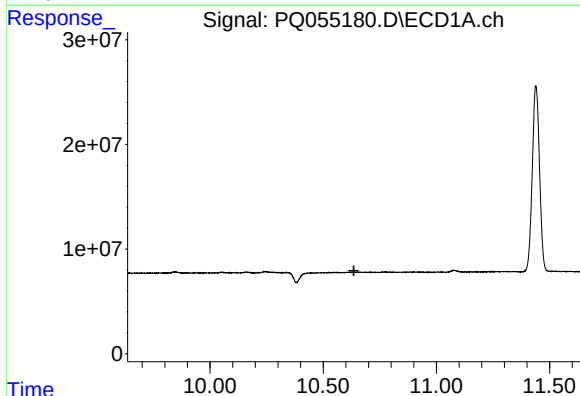
#39 AR-1262-4

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



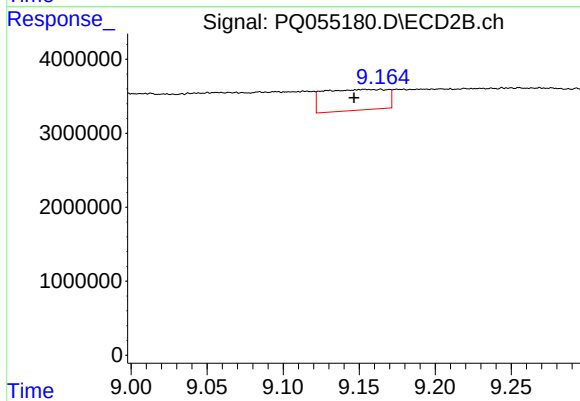
#39 AR-1262-4

R.T.: 8.632 min
Delta R.T.: -0.004 min
Response: 2516463
Conc: 2.82 ng/ml



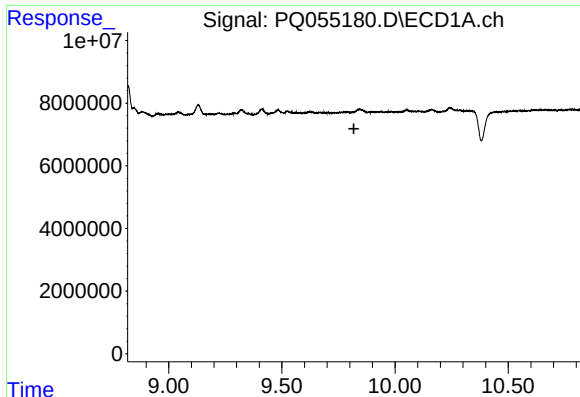
#40 AR-1262-5

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



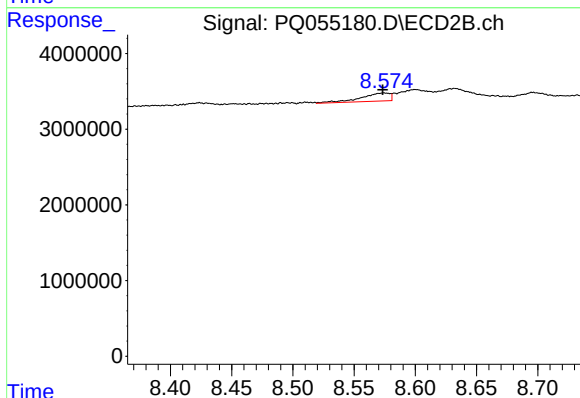
#40 AR-1262-5

R.T.: 9.154 min
Delta R.T.: 0.007 min
Response: 8156583
Conc: 20.31 ng/ml



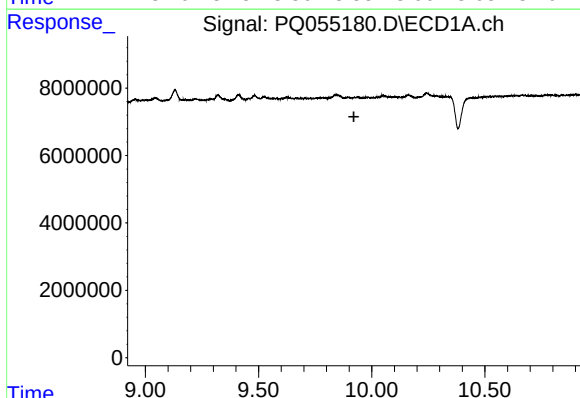
#41 AR-1268-1

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



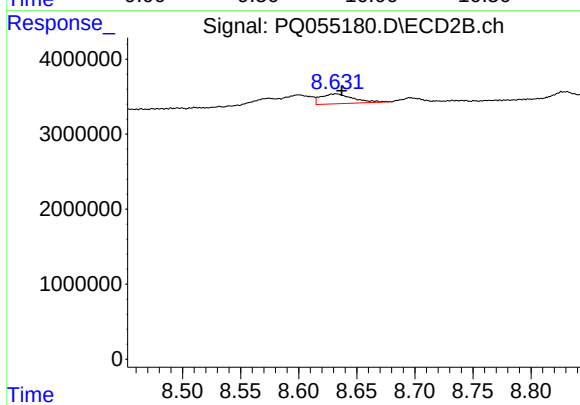
#41 AR-1268-1

R.T.: 8.575 min
Delta R.T.: 0.001 min
Response: 1751764
Conc: 1.24 ng/ml



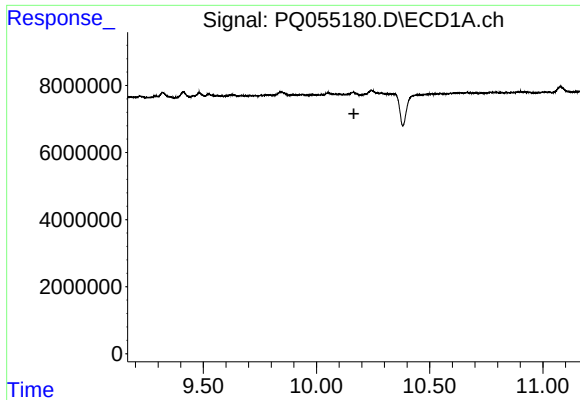
#42 AR-1268-2

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



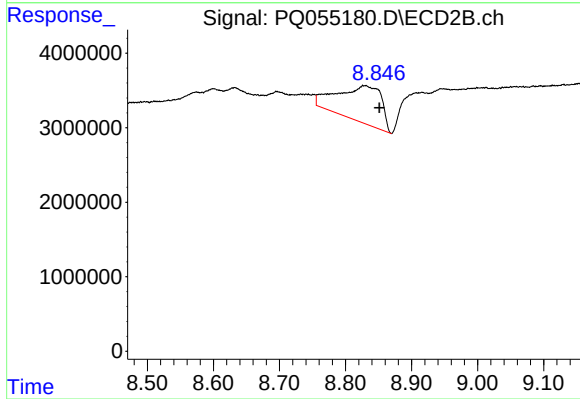
#42 AR-1268-2

R.T.: 8.632 min
Delta R.T.: -0.005 min
Response: 2516463
Conc: 1.93 ng/ml



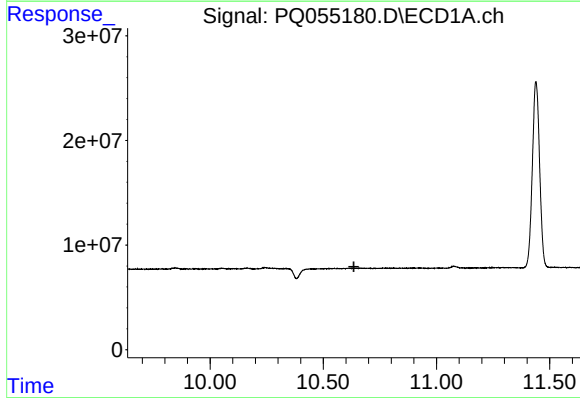
#43 AR-1268-3

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



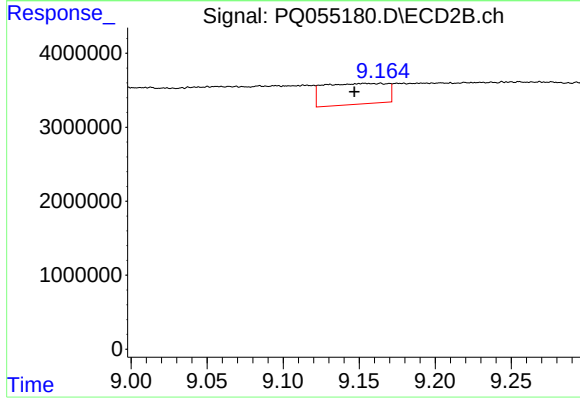
#43 AR-1268-3

R.T.: 8.831 min
Delta R.T.: -0.021 min
Response: 22602728
Conc: 20.66 ng/ml



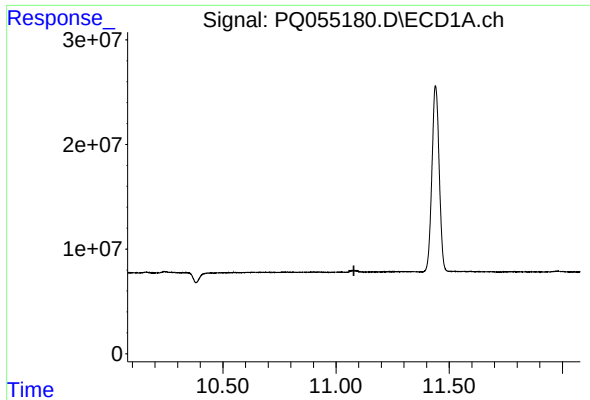
#44 AR-1268-4

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



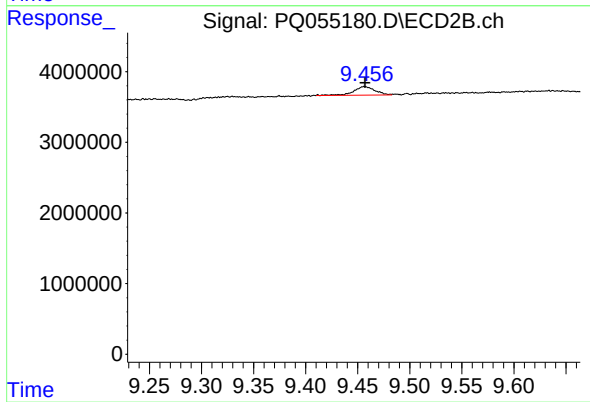
#44 AR-1268-4

R.T.: 9.154 min
Delta R.T.: 0.007 min
Response: 8156583
Conc: 18.05 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.: 9.457 min
Delta R.T.: 0.000 min
Response: 1771104
Conc: 0.50 ng/ml