

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081920\
 Data File : PQ049409.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2020 03:24
 Operator : DD\AJ
 Sample : MDL-AR1221-S-3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 08:35:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ081920CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 20 06:27:32 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.255	4.291	77161329	47642557	14.175	13.441
2)	SA Decachlor...	11.480	9.645	294.3E6	171.9E6	30.423	30.389
Target Compounds							
3)	L1 AR-1016-1	6.574	0.000	756194	0	3.326	N.D. #
4)	L1 AR-1016-2	6.612	0.000	723806	0	2.277	N.D. #
5)	L1 AR-1016-3	6.654	0.000	1119350	0	5.644	N.D. #
6)	L1 AR-1016-4	0.000	5.858	0	460911	N.D.	5.204 #
7)	L1 AR-1016-5	7.093	6.065	2237699	-29574	13.448	N.D. #
8)	L2 AR-1221-1	5.506	4.550	975101	760711	14.799	17.856
9)	L2 AR-1221-2	5.610	4.649	2072655	935097	41.512	29.390 #
10)	L2 AR-1221-3	5.697	4.738	2271162	2065181	14.471	19.342 #
11)	L3 AR-1232-1	5.697	4.738	2271162	2065181	18.305	25.369 #
12)	L3 AR-1232-2	6.274	0.000	953315	0	14.247	N.D. #
13)	L3 AR-1232-3	6.612	0.000	723806	0	5.029	N.D. #
14)	L3 AR-1232-4	0.000	5.858	0	460911	N.D.	10.521 #
15)	L3 AR-1232-5	6.939	6.065	391364	-29574	7.312	N.D. #
16)	L4 AR-1242-1	6.574	0.000	756194	0	3.899	N.D. #
17)	L4 AR-1242-2	6.612	0.000	723806	0	2.674	N.D. #
18)	L4 AR-1242-3	6.654	0.000	1119350	0	6.650	N.D. #
19)	L4 AR-1242-4	0.000	5.858	0	460911	N.D.	4.848 #
20)	L4 AR-1242-5	7.535	6.449	3537195	596684	19.608	4.174 #
21)	L5 AR-1248-1	6.574	0.000	756194	0	5.104	N.D. #
22)	L5 AR-1248-2	6.939	5.858	391364	460911	1.907	3.539 #
23)	L5 AR-1248-3	7.093	5.858	2237699	460911	9.595	3.383 #
24)	L5 AR-1248-4	7.535	6.065	3537195	-29574	11.747	N.D. #
25)	L5 AR-1248-5	7.535	6.481	3537195	156831	12.508	0.819 #
26)	L6 AR-1254-1	7.505	6.449	8069468	596684	27.038	1.949 #
27)	L6 AR-1254-2	0.000	6.561	0	383244	N.D.	1.363 #
28)	L6 AR-1254-3	8.145	0.000	1422145	0	2.715	N.D. #
29)	L6 AR-1254-4	8.422	7.182	1986825	803070	4.492	2.365 #
30)	L6 AR-1254-5	8.906	0.000	638504	0	1.375	N.D. #
31)	L7 AR-1260-1	8.277	7.153	241762	483107	0.686	1.668 #
32)	L7 AR-1260-2	8.553	7.335	2077465	236195	4.593	0.612 #
33)	L7 AR-1260-3	8.906	0.000	638504	0	1.635	N.D. #
35)	L7 AR-1260-5	9.464	0.000	766221	0	0.781	N.D. #
36)	L8 AR-1262-1	8.906	0.000	638504	0	1.060	N.D. #
37)	L8 AR-1262-2	9.464	0.000	766221	0	0.647	N.D. #
38)	L8 AR-1262-3	9.828	0.000	685791	0	1.193	N.D. #
39)	L8 AR-1262-4	9.967	0.000	2539141	0	3.762	N.D. #
40)	L8 AR-1262-5	10.630	0.000	3005108	0	5.781	N.D. #
41)	L9 AR-1268-1	9.828	0.000	685791	0	0.432	N.D. #
42)	L9 AR-1268-2	9.967	0.000	2539141	0	1.699	N.D. #

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ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Quant Time: Aug 20 08:35:05 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ081920CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 20 06:27:32 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

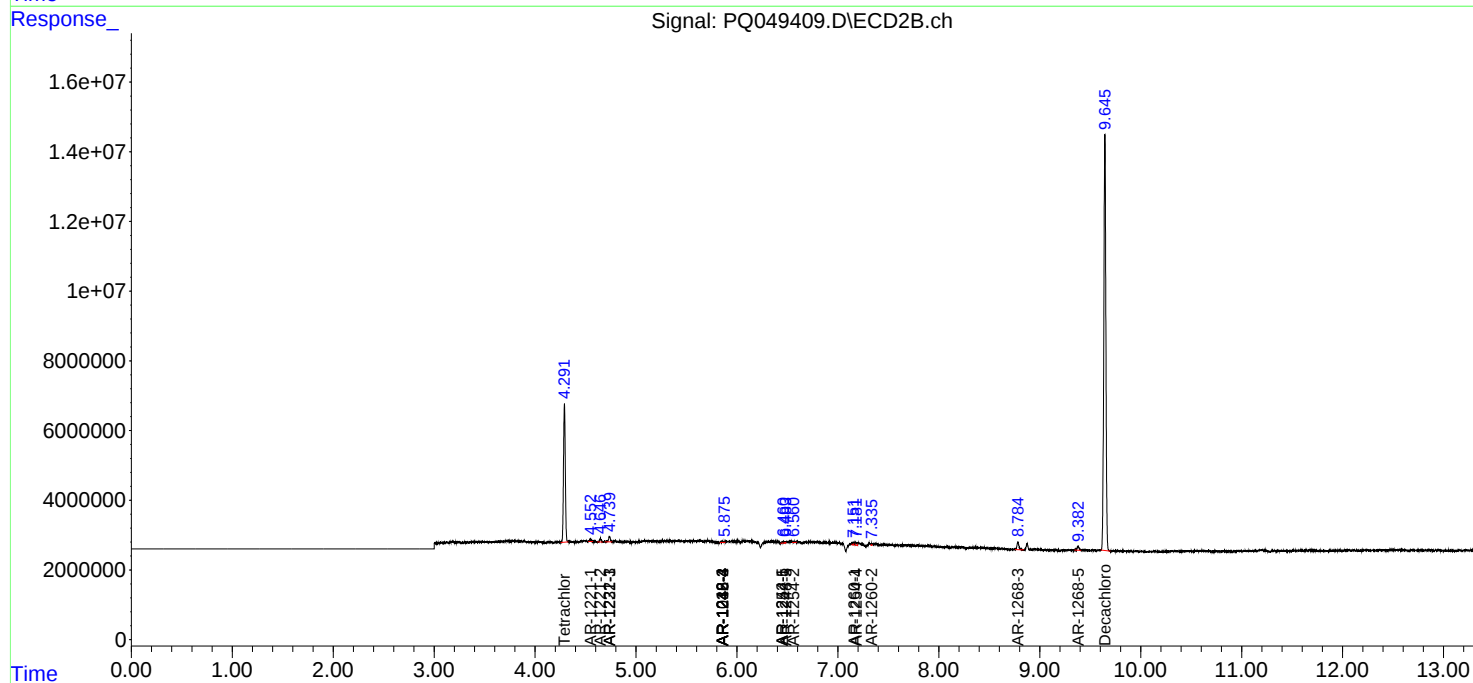
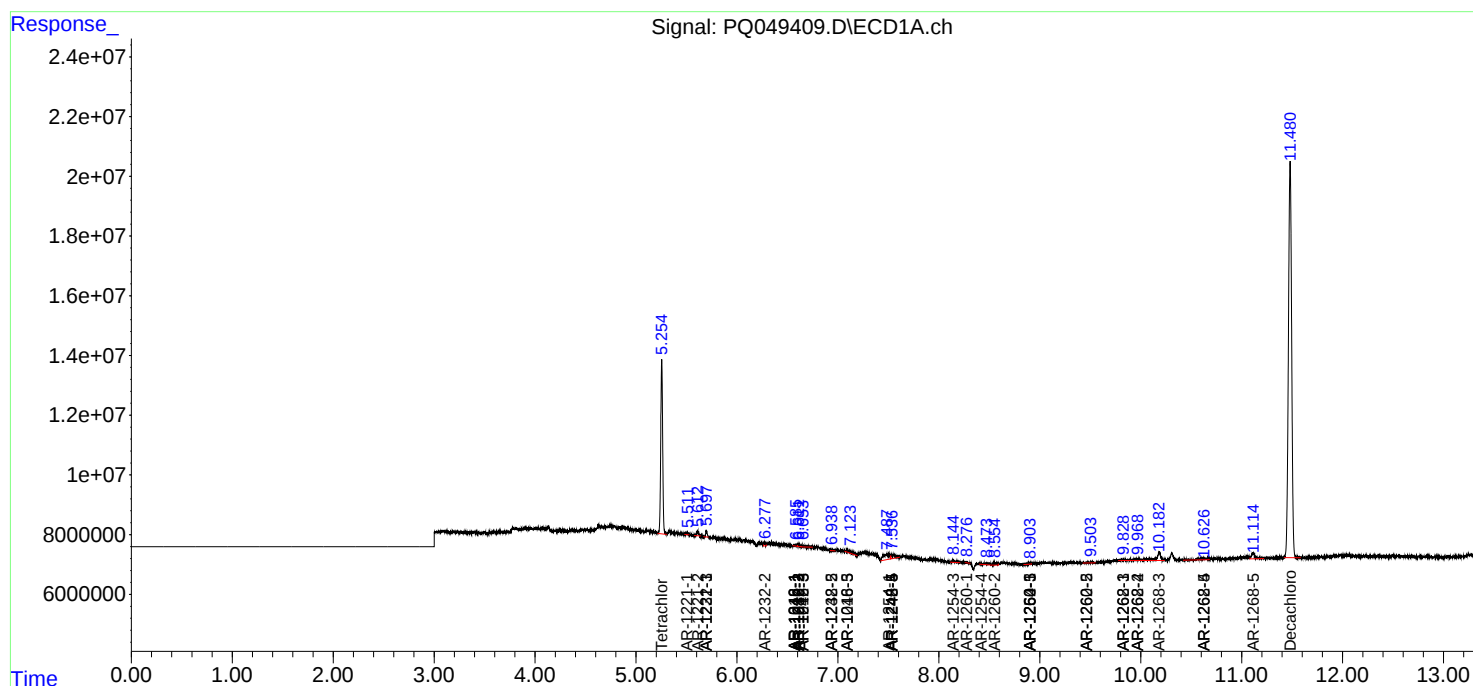
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	10.184	8.784	7946811	2989791	5.989	3.319 #
44)	L9 AR-1268-4	10.630	0.000	3005108	0	4.900	N.D. #
45)	L9 AR-1268-5	11.113	9.379	5127718	1485753	1.239	0.552 #

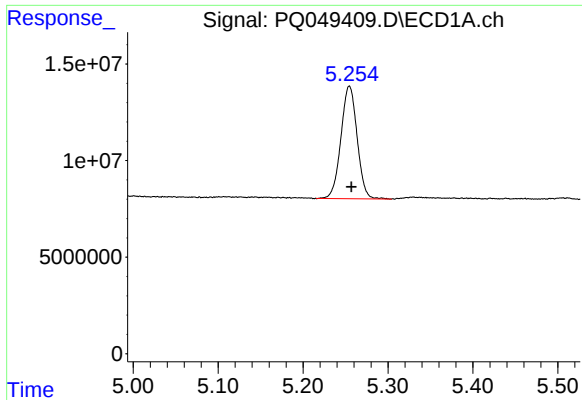
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 20 06:27:32 2020
Response via : Initial Calibration
Integrator: ChemStation

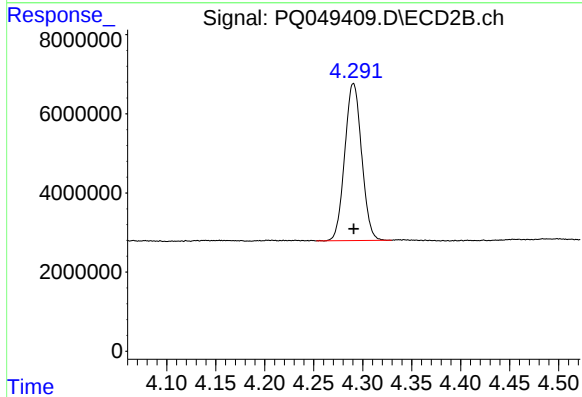
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





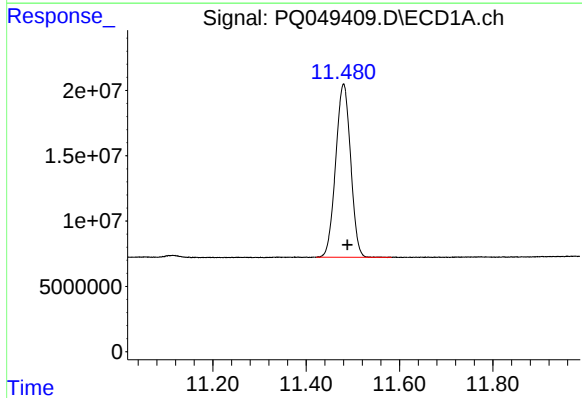
#1 Tetrachloro-m-xylene

R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 77161329
Conc: 14.18 ng/ml



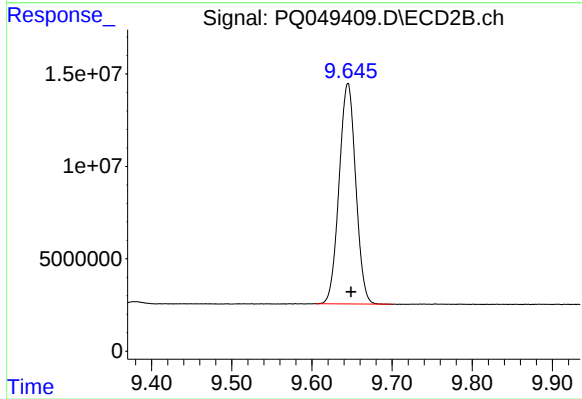
#1 Tetrachloro-m-xylene

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 47642557
Conc: 13.44 ng/ml



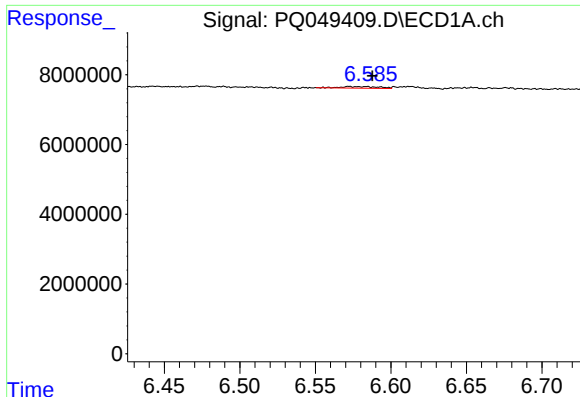
#2 Decachlorobiphenyl

R.T.: 11.480 min
Delta R.T.: -0.009 min
Response: 294327078
Conc: 30.42 ng/ml



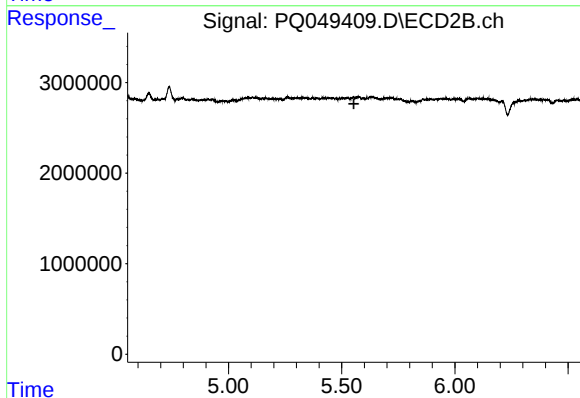
#2 Decachlorobiphenyl

R.T.: 9.645 min
Delta R.T.: -0.004 min
Response: 171889370
Conc: 30.39 ng/ml



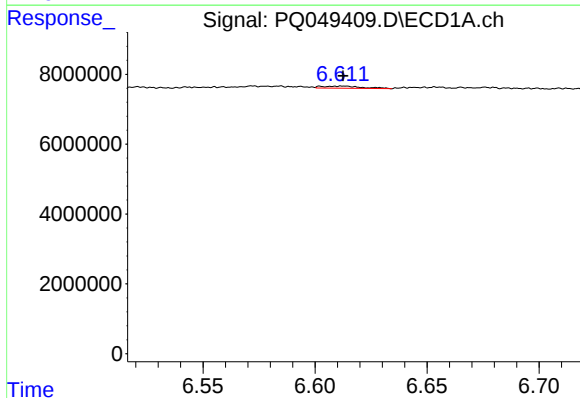
#3 AR-1016-1

R.T.: 6.574 min
Delta R.T.: -0.014 min
Response: 756194
Conc: 3.33 ng/ml



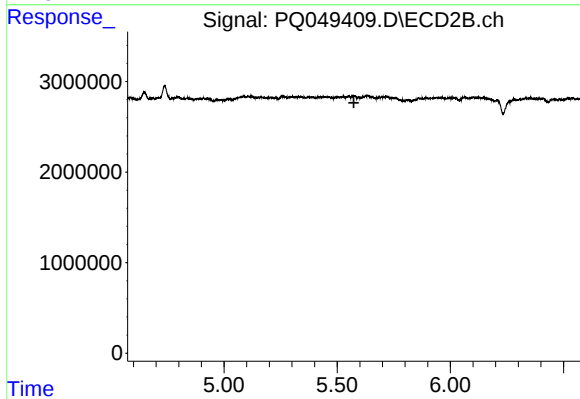
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T.: 5.554 min
Response: 0
Conc: N.D.



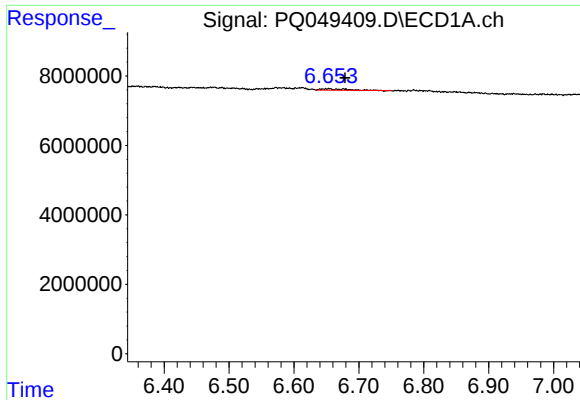
#4 AR-1016-2

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 723806
Conc: 2.28 ng/ml



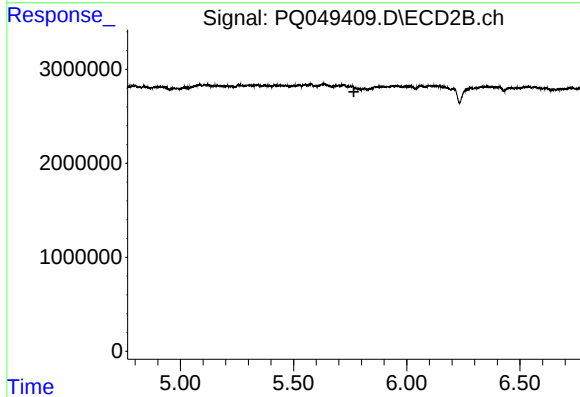
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.574 min
Response: 0
Conc: N.D.



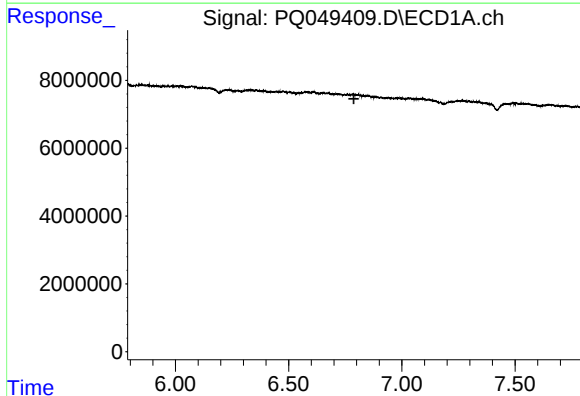
#5 AR-1016-3

R.T.: 6.654 min
Delta R.T.: -0.025 min
Response: 1119350
Conc: 5.64 ng/ml



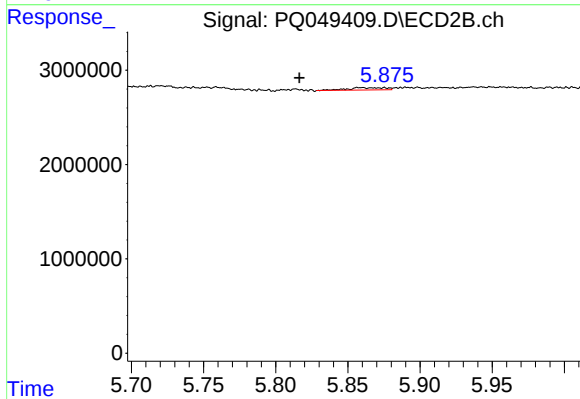
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 5.766 min
Response: 0
Conc: N.D.



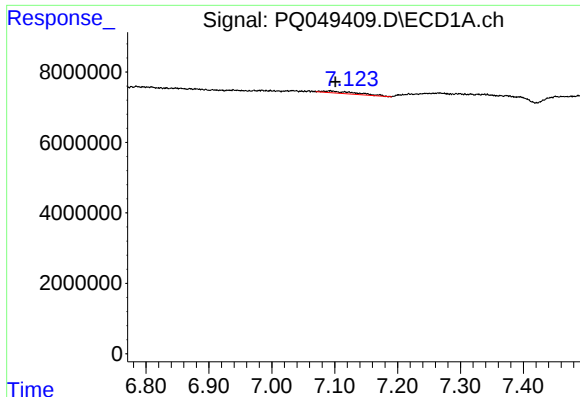
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.788 min
Response: 0
Conc: N.D.



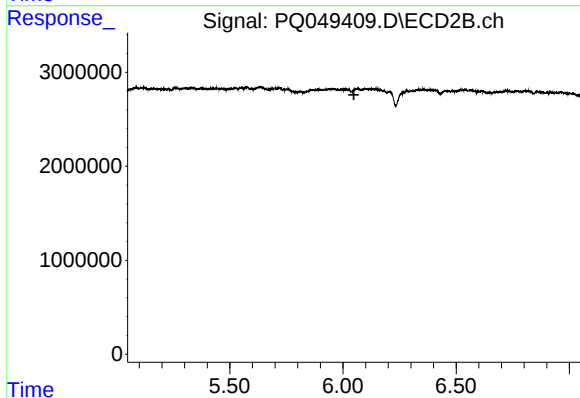
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: 0.041 min
Response: 460911
Conc: 5.20 ng/ml



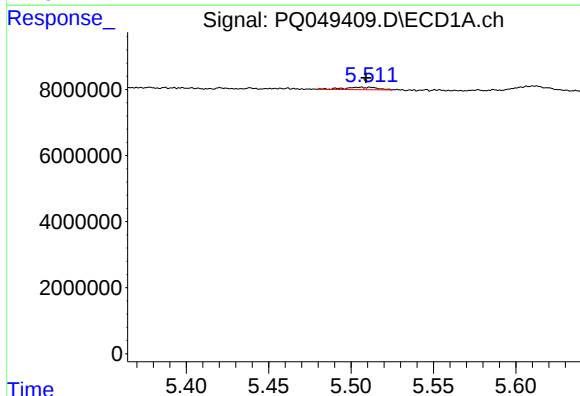
#7 AR-1016-5

R.T.: 7.093 min
Delta R.T.: -0.008 min
Response: 2237699
Conc: 13.45 ng/ml



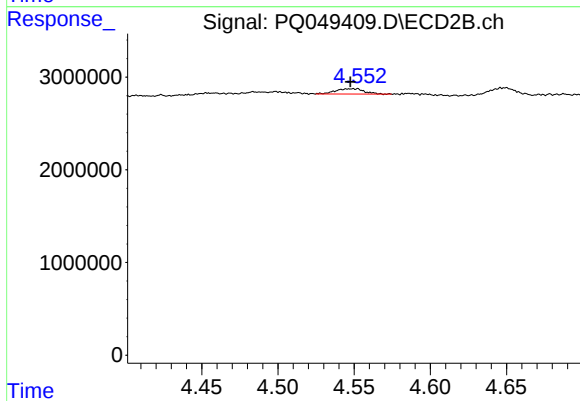
#7 AR-1016-5

R.T.: 6.065 min
Delta R.T.: 0.017 min
Response: -29574
Conc: N.D.



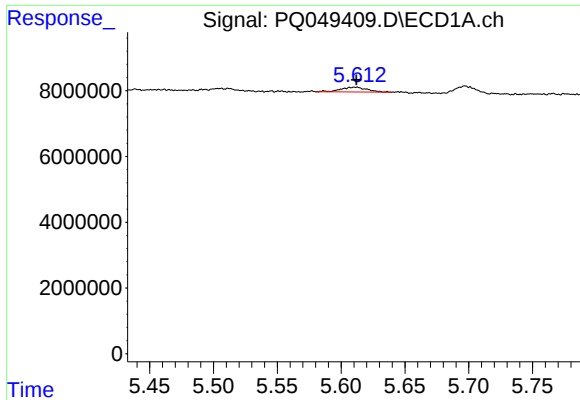
#8 AR-1221-1

R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 975101
Conc: 14.80 ng/ml



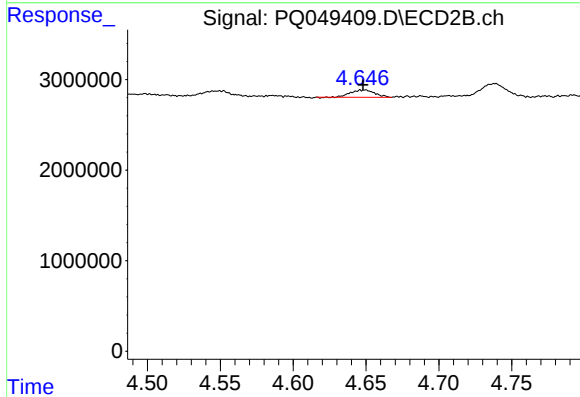
#8 AR-1221-1

R.T.: 4.550 min
Delta R.T.: 0.002 min
Response: 760711
Conc: 17.86 ng/ml



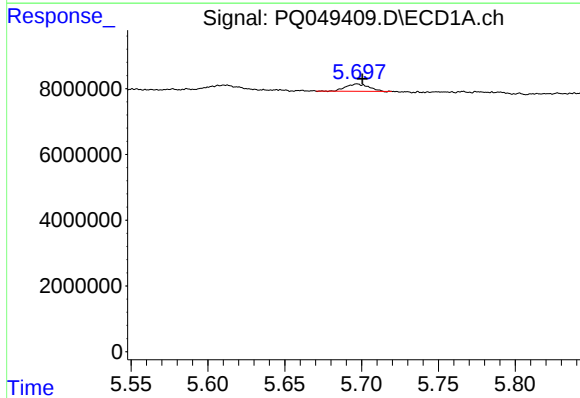
#9 AR-1221-2

R.T.: 5.610 min
Delta R.T.: -0.002 min
Response: 2072655
Conc: 41.51 ng/ml



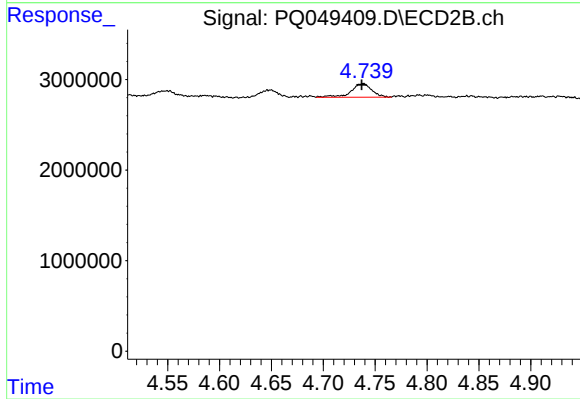
#9 AR-1221-2

R.T.: 4.649 min
Delta R.T.: 0.000 min
Response: 935097
Conc: 29.39 ng/ml



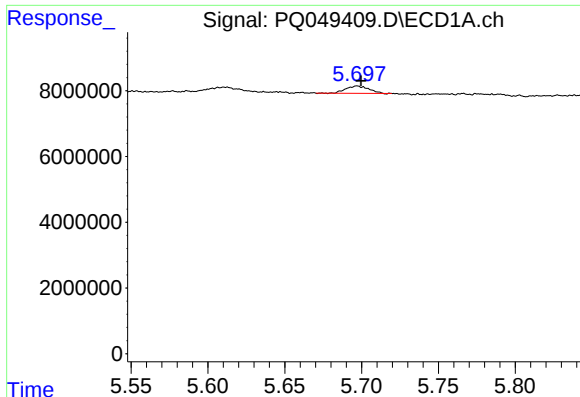
#10 AR-1221-3

R.T.: 5.697 min
Delta R.T.: -0.003 min
Response: 2271162
Conc: 14.47 ng/ml



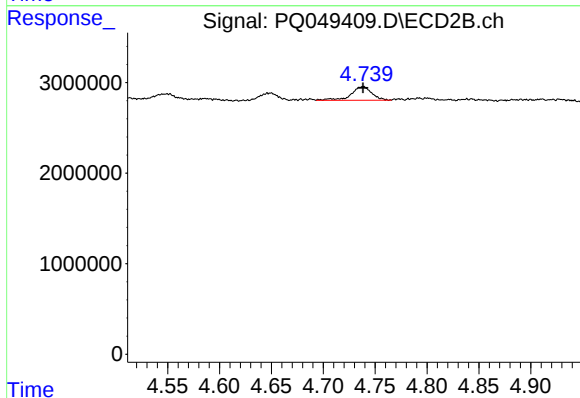
#10 AR-1221-3

R.T.: 4.738 min
Delta R.T.: 0.001 min
Response: 2065181
Conc: 19.34 ng/ml



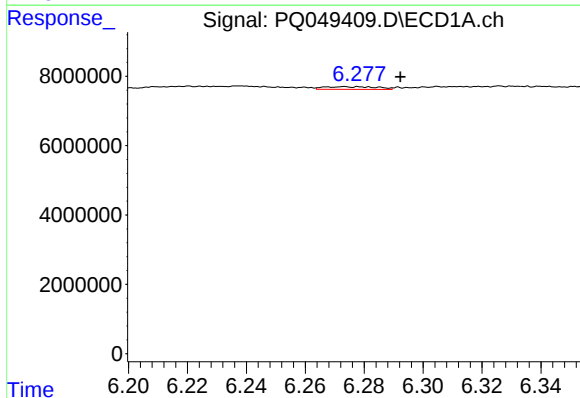
#11 AR-1232-1

R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 2271162
Conc: 18.30 ng/ml



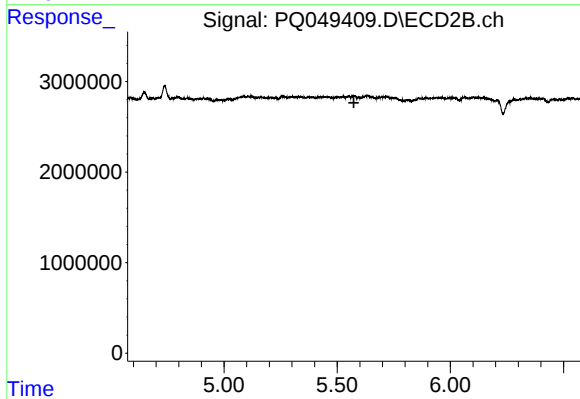
#11 AR-1232-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 2065181
Conc: 25.37 ng/ml



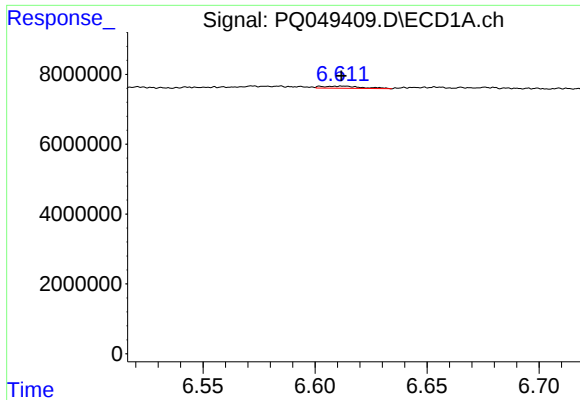
#12 AR-1232-2

R.T.: 6.274 min
Delta R.T.: -0.019 min
Response: 953315
Conc: 14.25 ng/ml



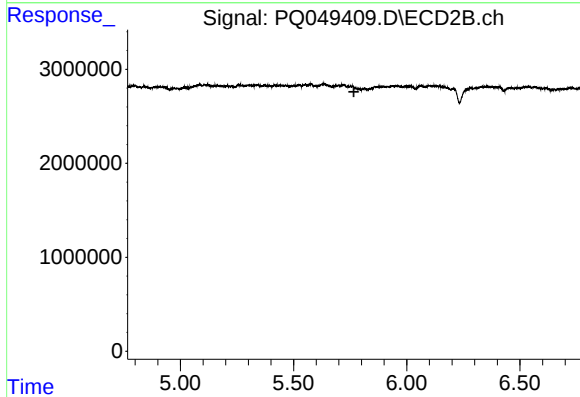
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.574 min
Response: 0
Conc: N.D.



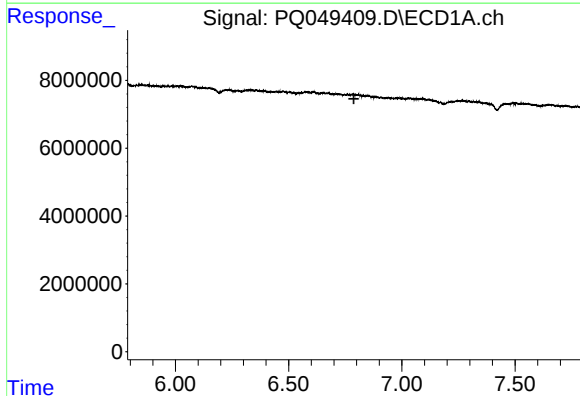
#13 AR-1232-3

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 723806
Conc: 5.03 ng/ml



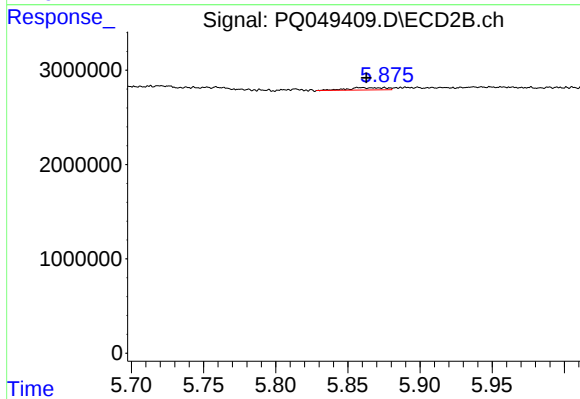
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.766 min
Response: 0
Conc: N.D.



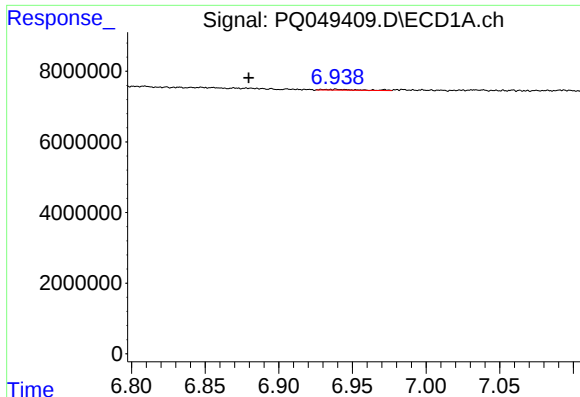
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.788 min
Response: 0
Conc: N.D.



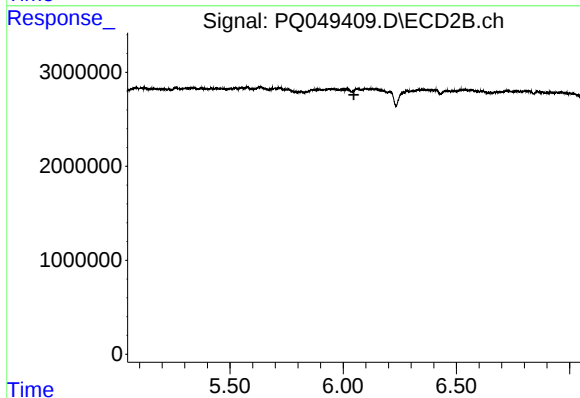
#14 AR-1232-4

R.T.: 5.858 min
Delta R.T.: -0.005 min
Response: 460911
Conc: 10.52 ng/ml



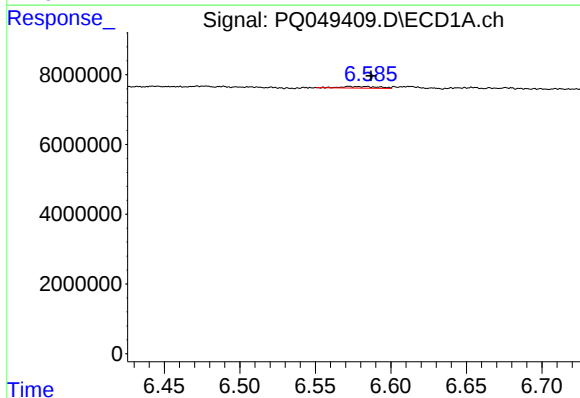
#15 AR-1232-5

R.T.: 6.939 min
Delta R.T.: 0.059 min
Response: 391364
Conc: 7.31 ng/ml



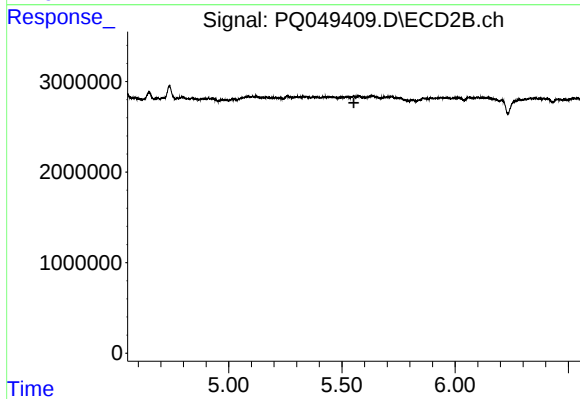
#15 AR-1232-5

R.T.: 6.065 min
Delta R.T.: 0.018 min
Response: -29574
Conc: N.D.



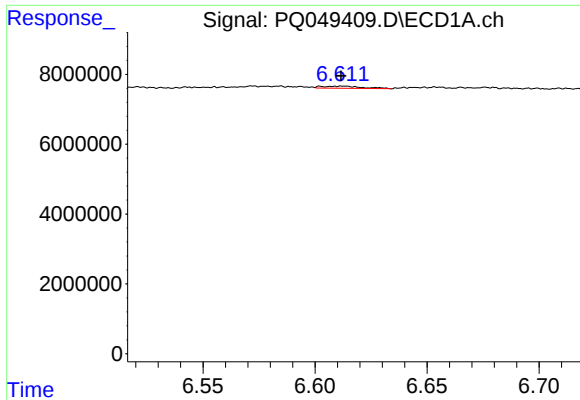
#16 AR-1242-1

R.T.: 6.574 min
Delta R.T.: -0.013 min
Response: 756194
Conc: 3.90 ng/ml



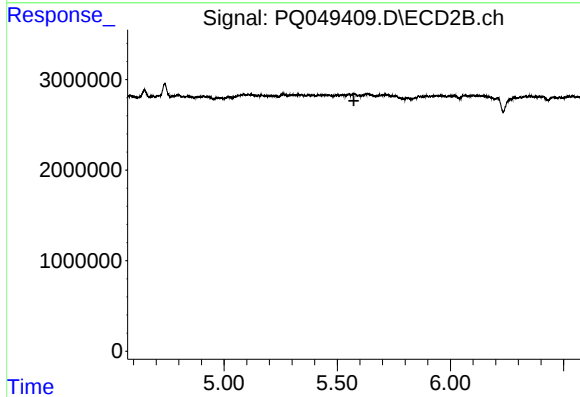
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.553 min
Response: 0
Conc: N.D.



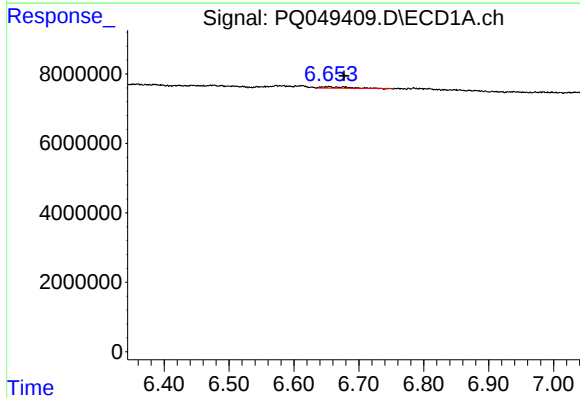
#17 AR-1242-2

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 723806
Conc: 2.67 ng/ml



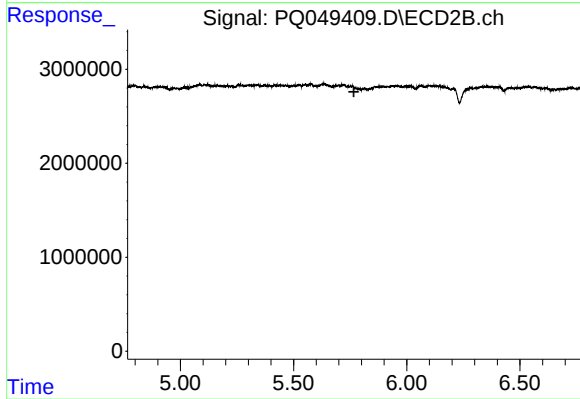
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.574 min
Response: 0
Conc: N.D.



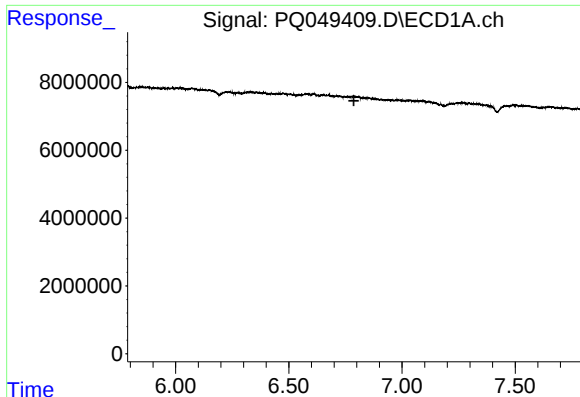
#18 AR-1242-3

R.T.: 6.654 min
Delta R.T.: -0.024 min
Response: 1119350
Conc: 6.65 ng/ml



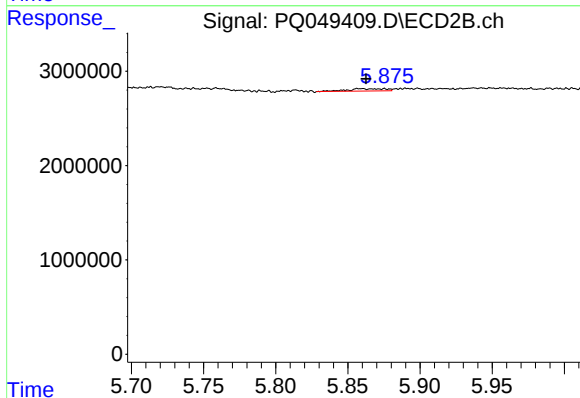
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.766 min
Response: 0
Conc: N.D.



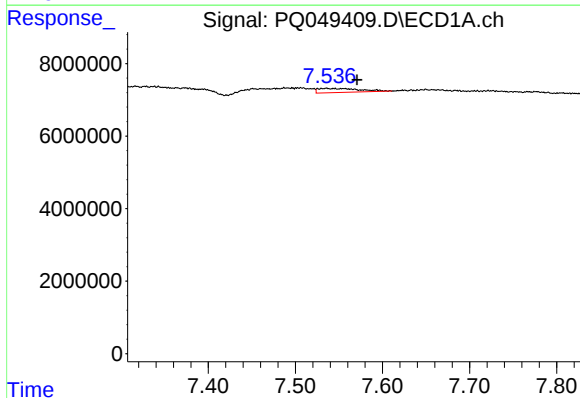
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.787 min
Response: 0
Conc: N.D.



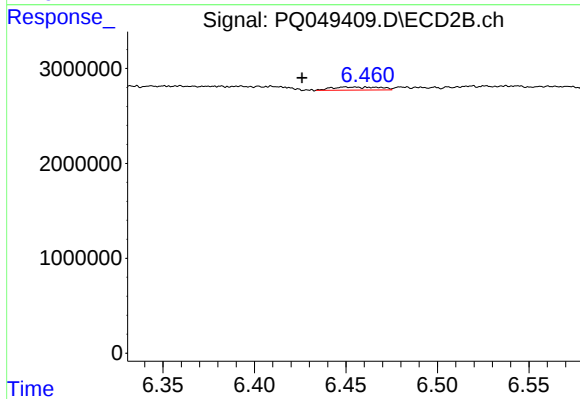
#19 AR-1242-4

R.T.: 5.858 min
Delta R.T.: -0.005 min
Response: 460911
Conc: 4.85 ng/ml



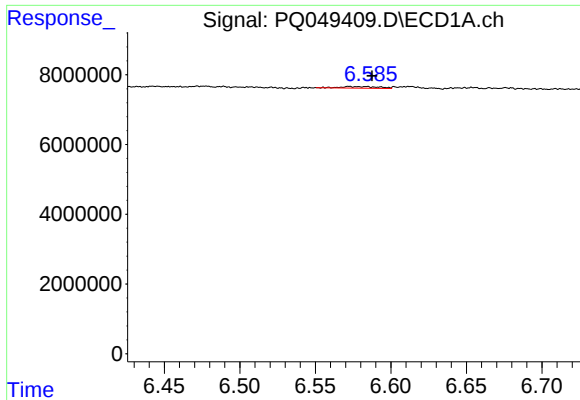
#20 AR-1242-5

R.T.: 7.535 min
Delta R.T.: -0.036 min
Response: 3537195
Conc: 19.61 ng/ml



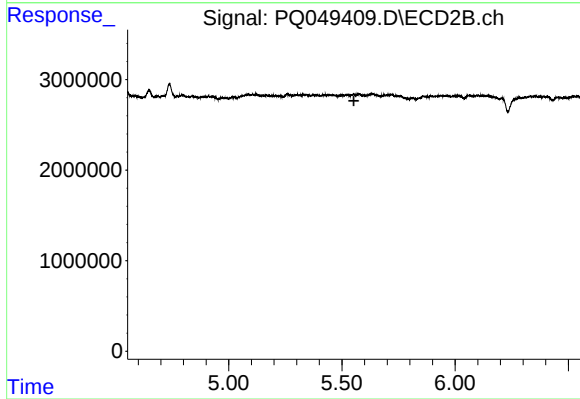
#20 AR-1242-5

R.T.: 6.449 min
Delta R.T.: 0.023 min
Response: 596684
Conc: 4.17 ng/ml



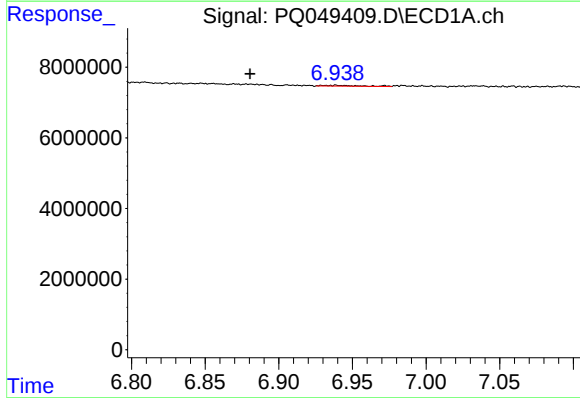
#21 AR-1248-1

R.T.: 6.574 min
Delta R.T.: -0.014 min
Response: 756194
Conc: 5.10 ng/ml



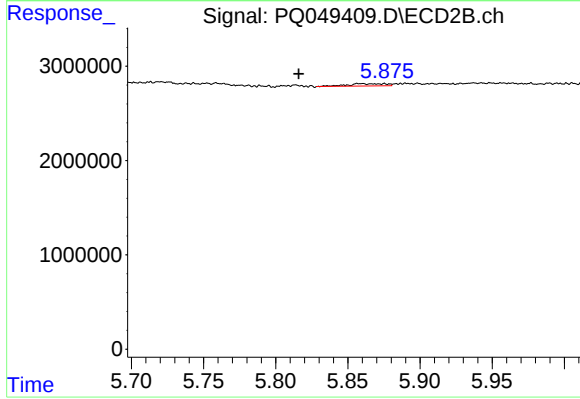
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.553 min
Response: 0
Conc: N.D.



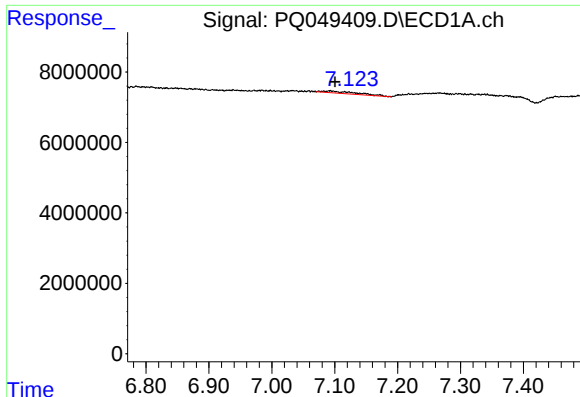
#22 AR-1248-2

R.T.: 6.939 min
Delta R.T.: 0.058 min
Response: 391364
Conc: 1.91 ng/ml



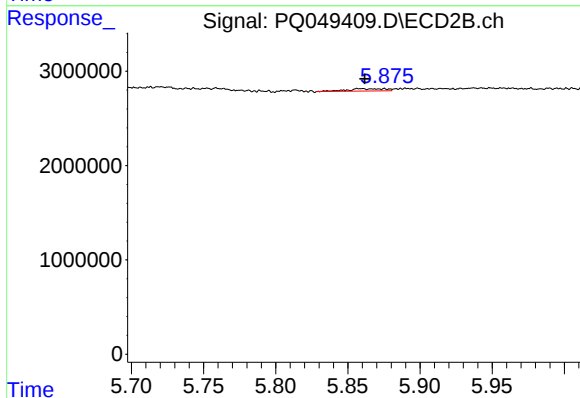
#22 AR-1248-2

R.T.: 5.858 min
Delta R.T.: 0.042 min
Response: 460911
Conc: 3.54 ng/ml



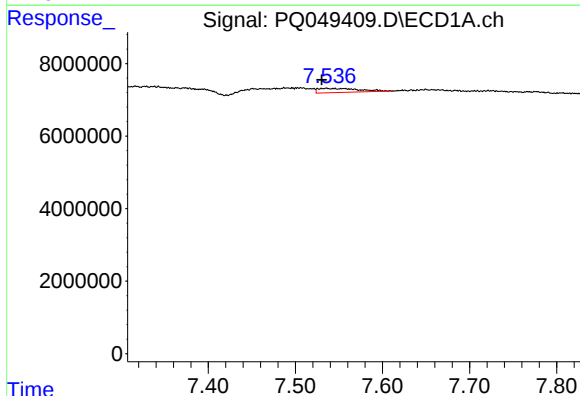
#23 AR-1248-3

R.T.: 7.093 min
Delta R.T.: -0.007 min
Response: 2237699
Conc: 9.60 ng/ml



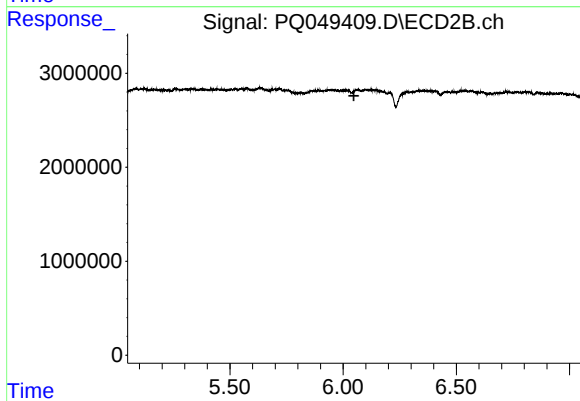
#23 AR-1248-3

R.T.: 5.858 min
Delta R.T.: -0.004 min
Response: 460911
Conc: 3.38 ng/ml



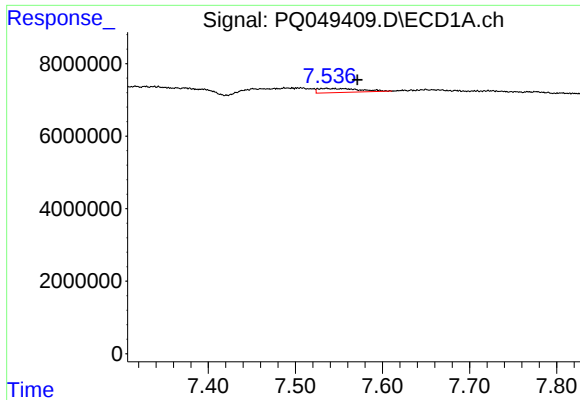
#24 AR-1248-4

R.T.: 7.535 min
Delta R.T.: 0.005 min
Response: 3537195
Conc: 11.75 ng/ml



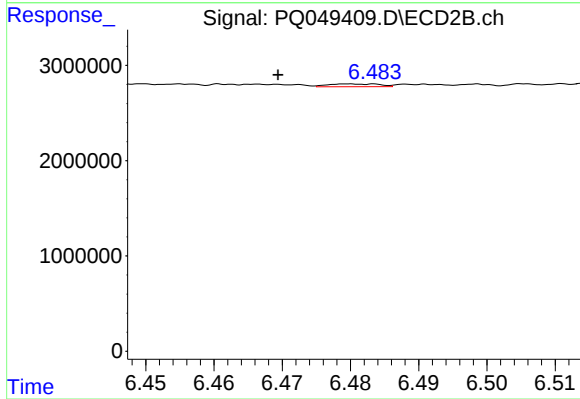
#24 AR-1248-4

R.T.: 6.065 min
Delta R.T.: 0.018 min
Response: -29574
Conc: N.D.



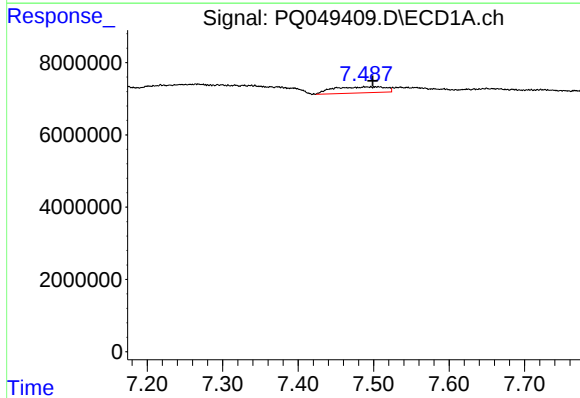
#25 AR-1248-5

R.T.: 7.535 min
Delta R.T.: -0.036 min
Response: 3537195
Conc: 12.51 ng/ml



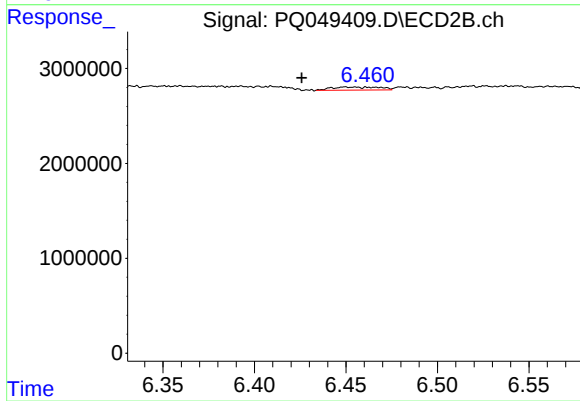
#25 AR-1248-5

R.T.: 6.481 min
Delta R.T.: 0.011 min
Response: 156831
Conc: 0.82 ng/ml



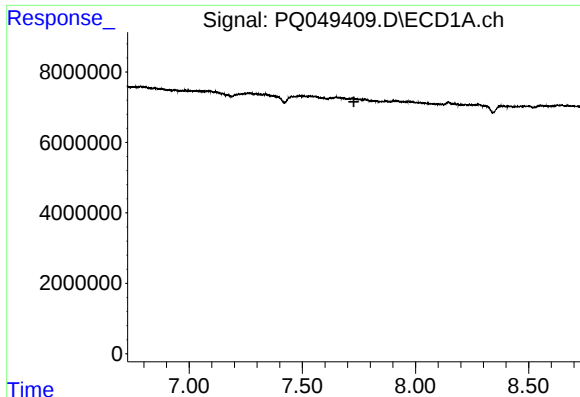
#26 AR-1254-1

R.T.: 7.505 min
Delta R.T.: 0.006 min
Response: 8069468
Conc: 27.04 ng/ml



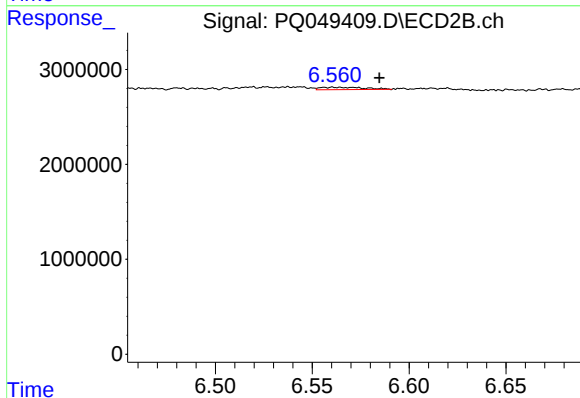
#26 AR-1254-1

R.T.: 6.449 min
Delta R.T.: 0.024 min
Response: 596684
Conc: 1.95 ng/ml



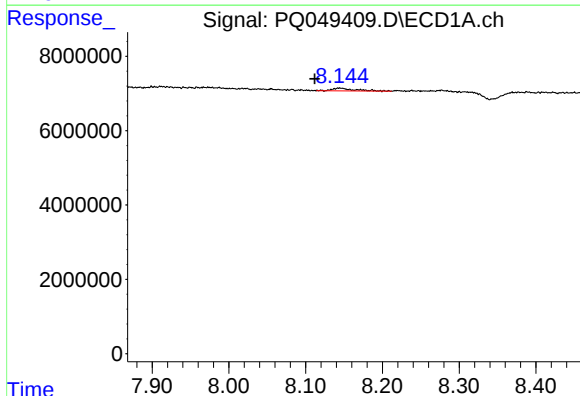
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 7.728 min
Response: 0
Conc: N.D.



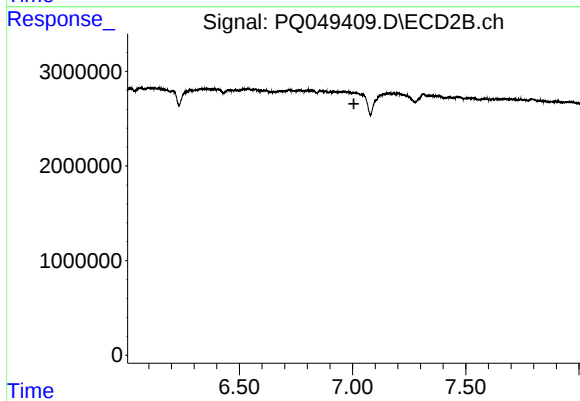
#27 AR-1254-2

R.T.: 6.561 min
Delta R.T.: -0.024 min
Response: 383244
Conc: 1.36 ng/ml



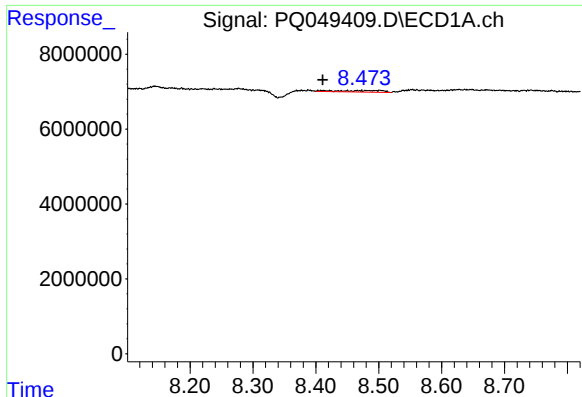
#28 AR-1254-3

R.T.: 8.145 min
Delta R.T.: 0.033 min
Response: 1422145
Conc: 2.71 ng/ml



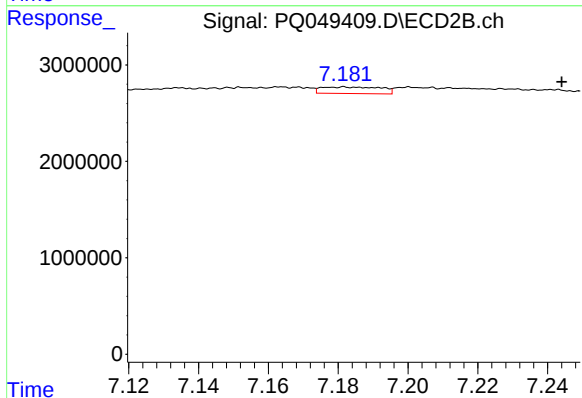
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 7.006 min
Response: 0
Conc: N.D.



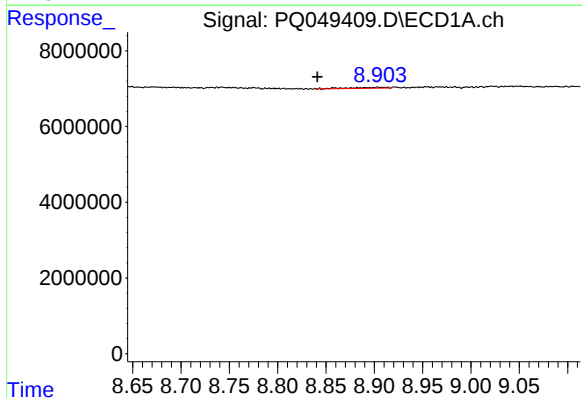
#29 AR-1254-4

R.T.: 8.422 min
Delta R.T.: 0.011 min
Response: 1986825
Conc: 4.49 ng/ml



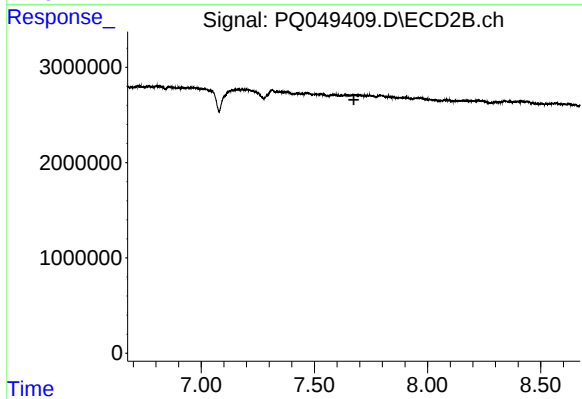
#29 AR-1254-4

R.T.: 7.182 min
Delta R.T.: -0.062 min
Response: 803070
Conc: 2.37 ng/ml



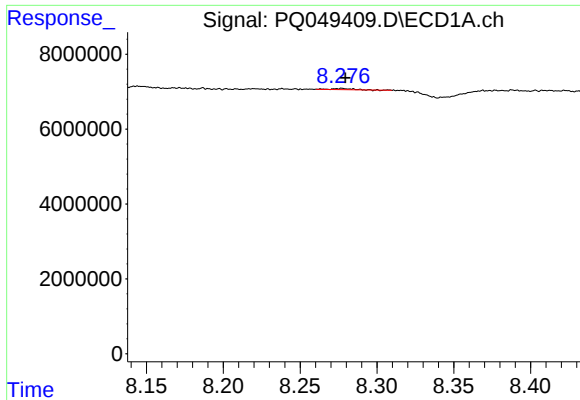
#30 AR-1254-5

R.T.: 8.906 min
Delta R.T.: 0.065 min
Response: 638504
Conc: 1.38 ng/ml



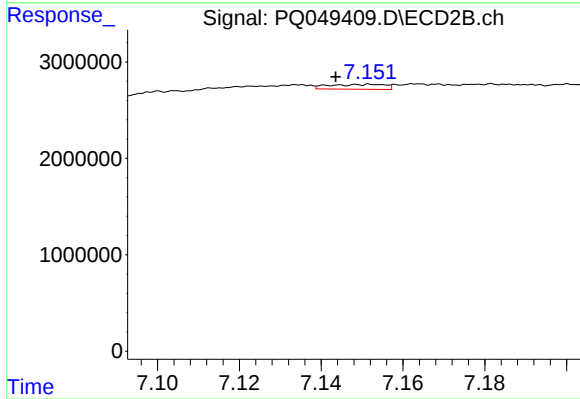
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.675 min
Response: 0
Conc: N.D.



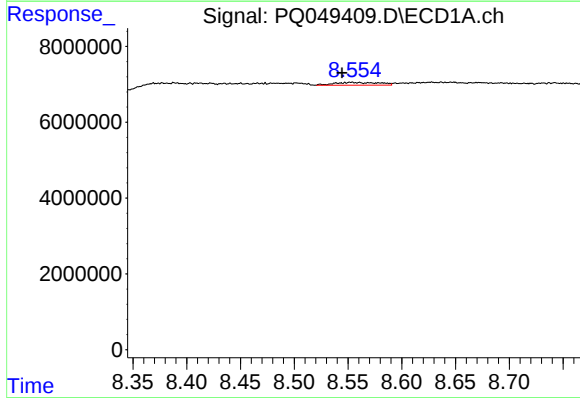
#31 AR-1260-1

R.T.: 8.277 min
Delta R.T.: -0.003 min
Response: 241762
Conc: 0.69 ng/ml



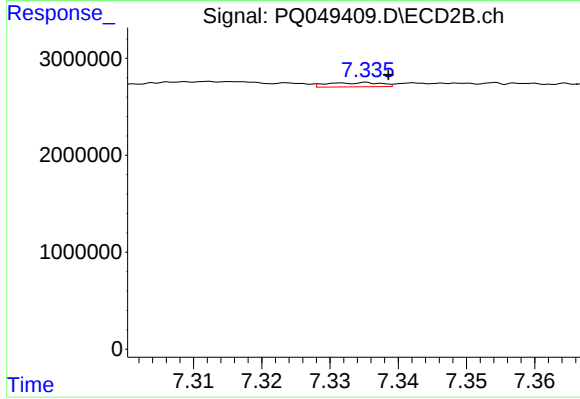
#31 AR-1260-1

R.T.: 7.153 min
Delta R.T.: 0.009 min
Response: 483107
Conc: 1.67 ng/ml



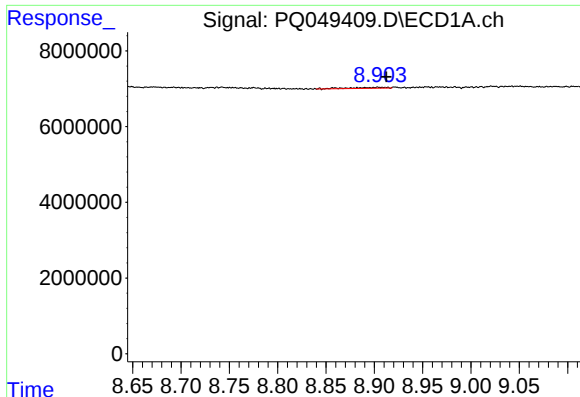
#32 AR-1260-2

R.T.: 8.553 min
Delta R.T.: 0.008 min
Response: 2077465
Conc: 4.59 ng/ml



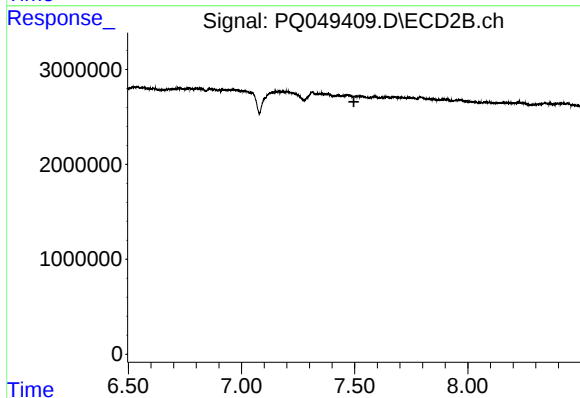
#32 AR-1260-2

R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 236195
Conc: 0.61 ng/ml



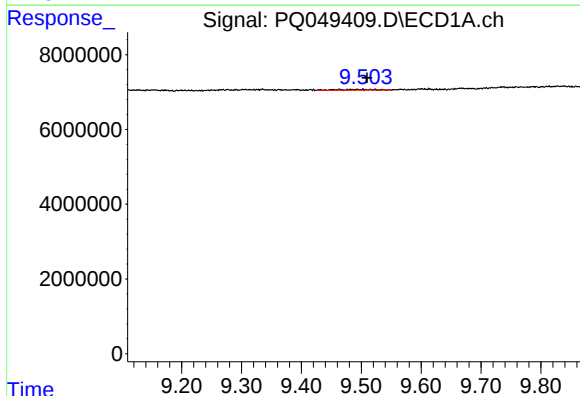
#33 AR-1260-3

R.T.: 8.906 min
Delta R.T.: -0.007 min
Response: 638504
Conc: 1.64 ng/ml



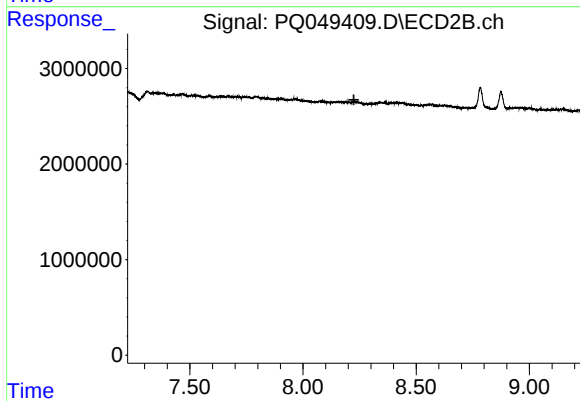
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 7.496 min
Response: 0
Conc: N.D.



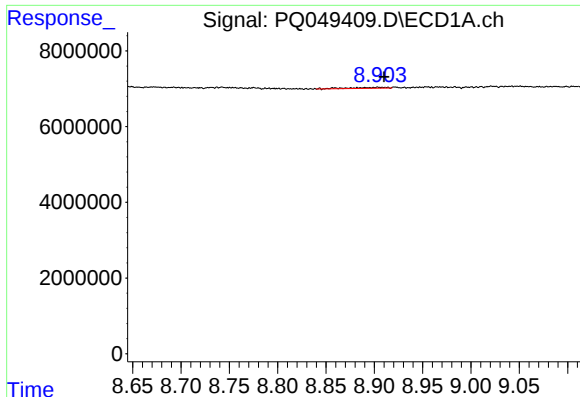
#35 AR-1260-5

R.T.: 9.464 min
Delta R.T.: -0.046 min
Response: 766221
Conc: 0.78 ng/ml



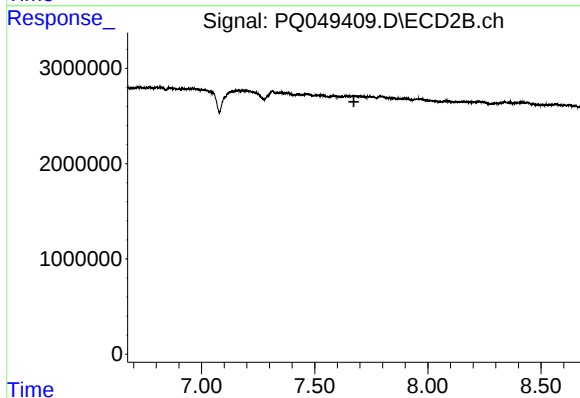
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.225 min
Response: 0
Conc: N.D.



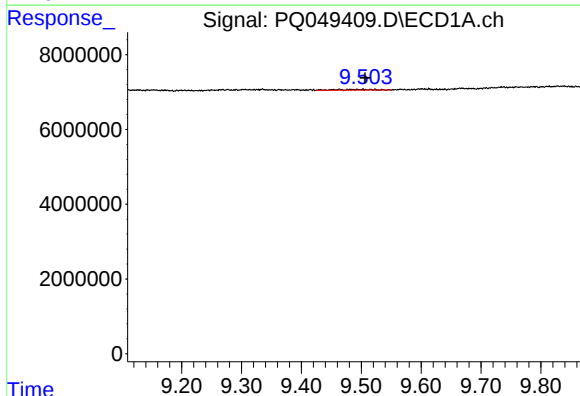
#36 AR-1262-1

R.T.: 8.906 min
Delta R.T.: -0.004 min
Response: 638504
Conc: 1.06 ng/ml



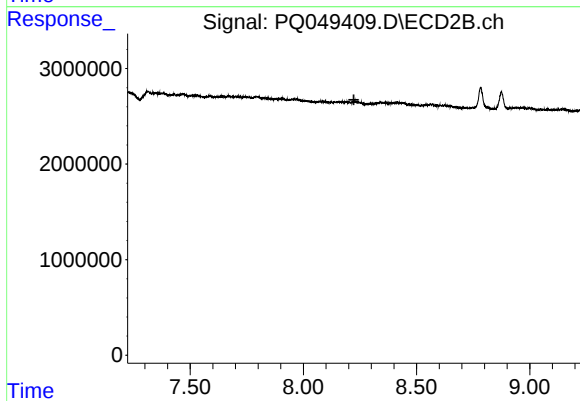
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.673 min
Response: 0
Conc: N.D.



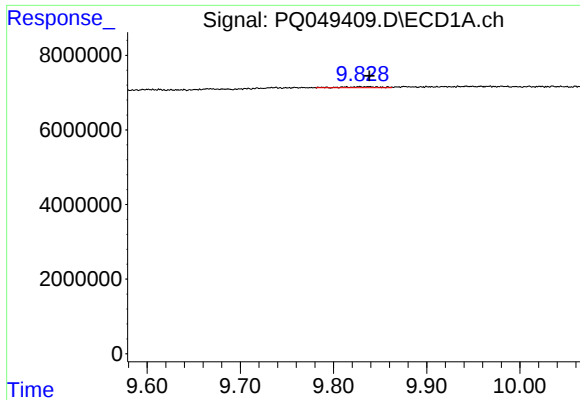
#37 AR-1262-2

R.T.: 9.464 min
Delta R.T.: -0.043 min
Response: 766221
Conc: 0.65 ng/ml



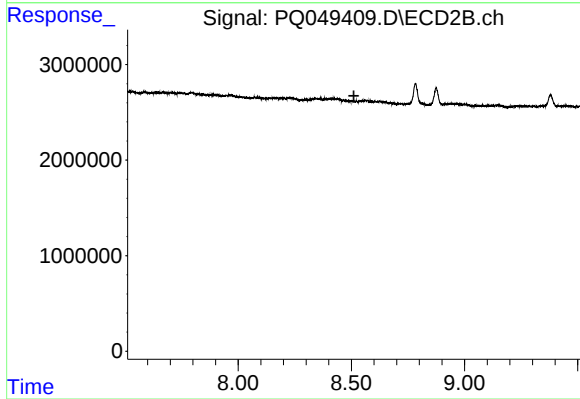
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.223 min
Response: 0
Conc: N.D.



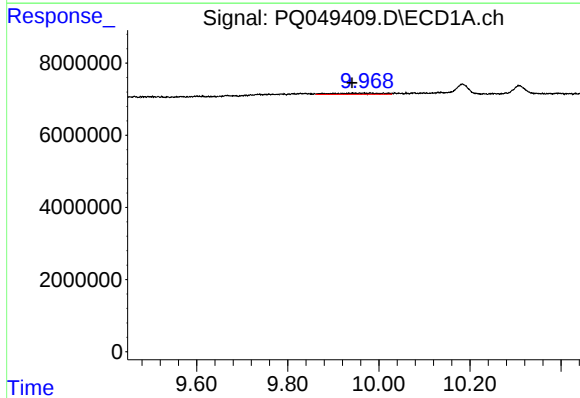
#38 AR-1262-3

R.T.: 9.828 min
Delta R.T.: -0.010 min
Response: 685791
Conc: 1.19 ng/ml



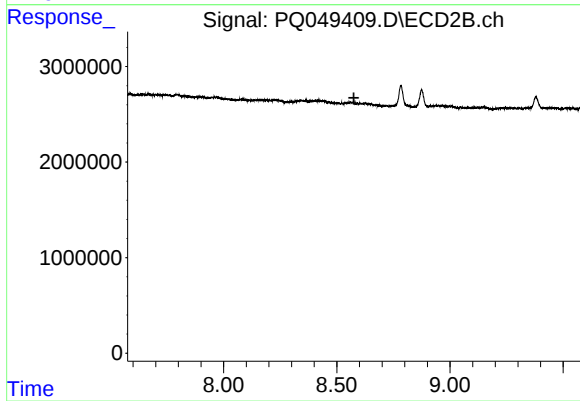
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.511 min
Response: 0
Conc: N.D.



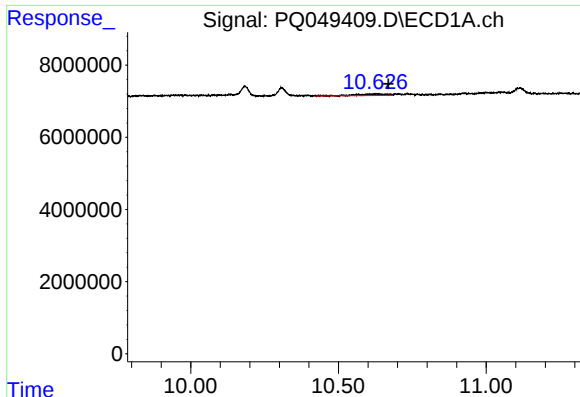
#39 AR-1262-4

R.T.: 9.967 min
Delta R.T.: 0.026 min
Response: 2539141
Conc: 3.76 ng/ml



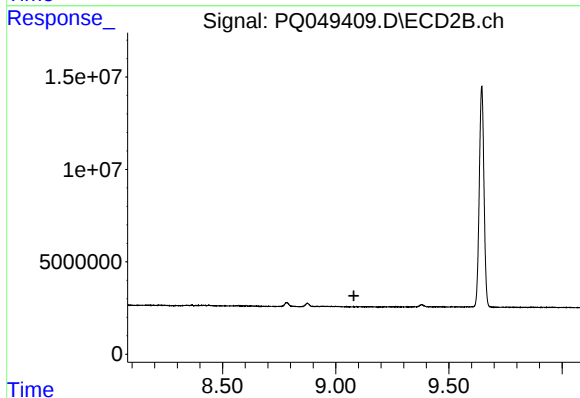
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.576 min
Response: 0
Conc: N.D.



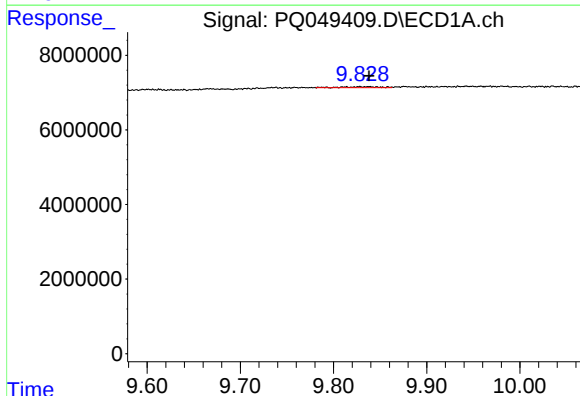
#40 AR-1262-5

R.T.: 10.630 min
Delta R.T.: -0.039 min
Response: 3005108
Conc: 5.78 ng/ml



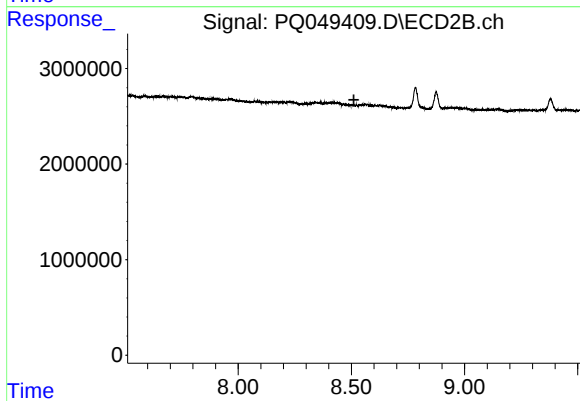
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.080 min
Response: 0
Conc: N.D.



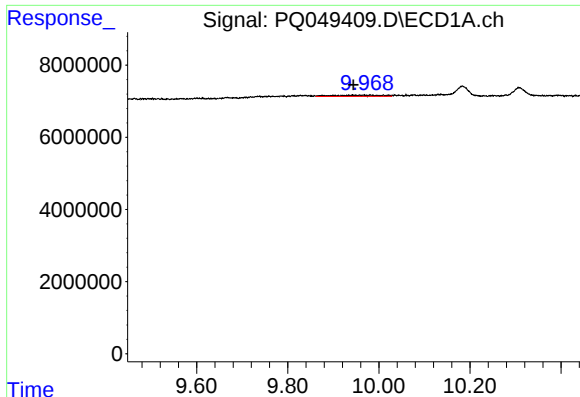
#41 AR-1268-1

R.T.: 9.828 min
Delta R.T.: -0.010 min
Response: 685791
Conc: 0.43 ng/ml



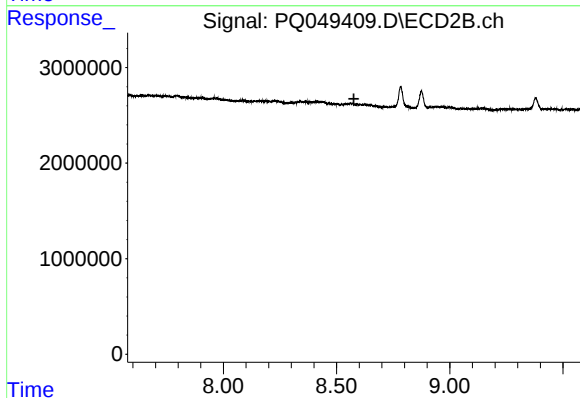
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.511 min
Response: 0
Conc: N.D.



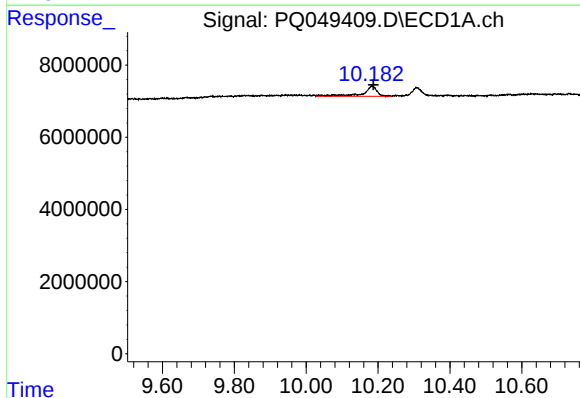
#42 AR-1268-2

R.T.: 9.967 min
Delta R.T.: 0.022 min
Response: 2539141
Conc: 1.70 ng/ml



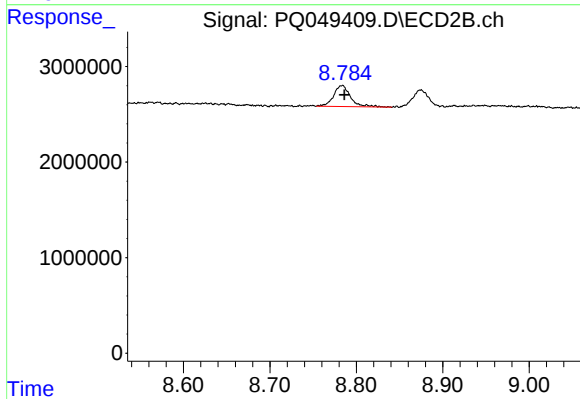
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.577 min
Response: 0
Conc: N.D.



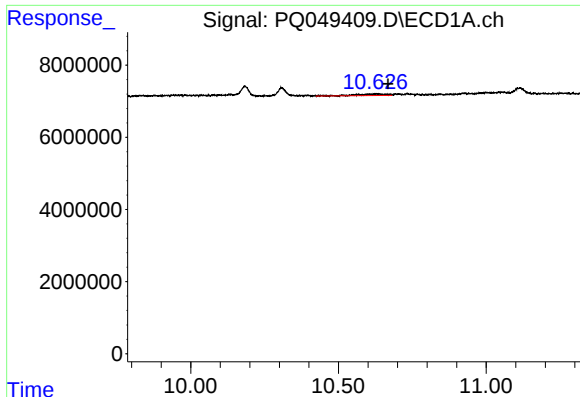
#43 AR-1268-3

R.T.: 10.184 min
Delta R.T.: -0.003 min
Response: 7946811
Conc: 5.99 ng/ml



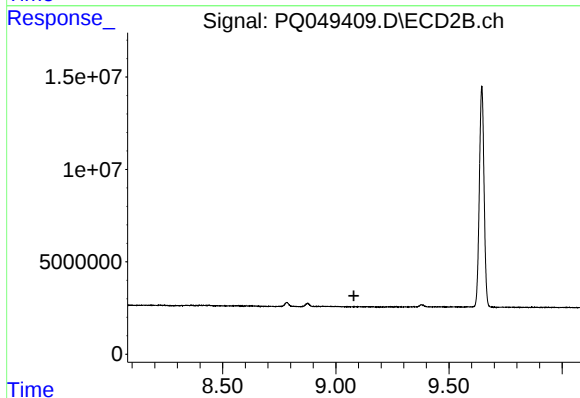
#43 AR-1268-3

R.T.: 8.784 min
Delta R.T.: -0.003 min
Response: 2989791
Conc: 3.32 ng/ml



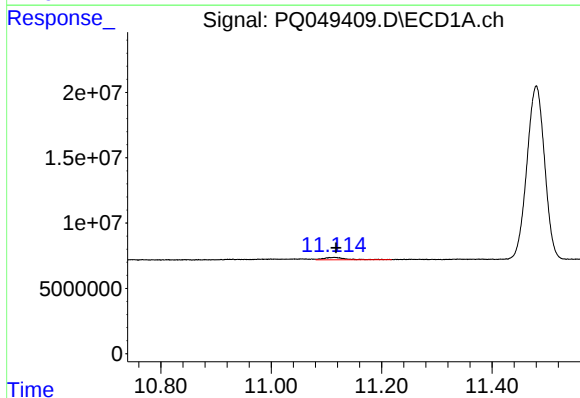
#44 AR-1268-4

R.T.: 10.630 min
Delta R.T.: -0.037 min
Response: 3005108
Conc: 4.90 ng/ml



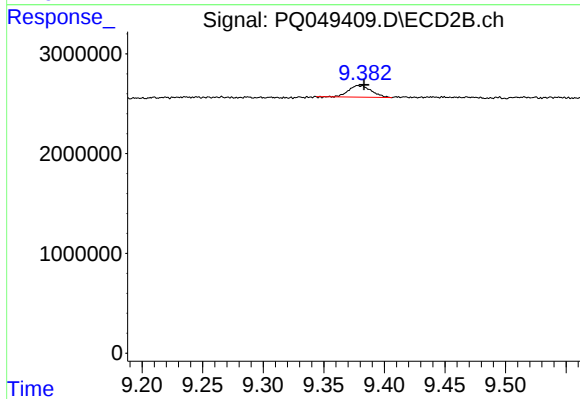
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.080 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.113 min
Delta R.T.: -0.005 min
Response: 5127718
Conc: 1.24 ng/ml



#45 AR-1268-5

R.T.: 9.379 min
Delta R.T.: -0.005 min
Response: 1485753
Conc: 0.55 ng/ml