

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ051018\
 Data File : PQ028568.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2018 10:34
 Operator : UA/SM
 Sample : J2834-16
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 11:12:19 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 11 08:47:35 2018
 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...	4.608	3.773	1129.2E6	126.9E6	13.664	14.197
2)	SA Decachlor...	10.344	8.714	1194.4E6	206.5E6	19.590	17.781
Target Compounds							
3)	L1 AR-1016-1	4.980	4.623	267.9E6	5917832	202.505	24.242 #
4)	L1 AR-1016-2	5.446	5.039	38541065	7874377	19.331	28.731 #
5)	L1 AR-1016-3	5.845	5.075	55067853	3339070	20.167	15.644
6)	L1 AR-1016-4	6.024	5.094	54095974	2977340	29.638	11.397 #
8)	L2 AR-1221-1	4.777	3.967	31763110	5346135	17.253	26.762 #
9)	L2 AR-1221-2	4.911	4.072	44433156	5726544	34.167	38.426
10)	L2 AR-1221-3	4.980	4.157	267.9E6	27199993	63.985	59.222
11)	L3 AR-1232-1	4.980	4.157	267.9E6	27199993	158.128	129.456
12)	L3 AR-1232-2	5.446	4.952	38541065	3417026	36.807	18.420 #
13)	L3 AR-1232-3	5.845	5.039	55067853	7874377	37.095	56.786 #
14)	L3 AR-1232-4	5.994	5.291	33591443	-2986220	27.137	N.D. #
15)	L3 AR-1232-5	6.230	5.623	108.8E6	4569863	104.202	27.988 #
16)	L4 AR-1242-1	5.446	4.623	38541065	5917832	25.099	30.444
17)	L4 AR-1242-2	5.784	4.859	88098039	7317721	37.197	16.081 #
18)	L4 AR-1242-3	5.845	5.039	55067853	7874377	25.647	37.920 #
19)	L4 AR-1242-4	6.230	5.094	108.8E6	2977340	61.420	14.741 #
21)	L5 AR-1248-1	6.230	5.075	108.8E6	3339070	34.448	11.311 #
22)	L5 AR-1248-2	0.000	5.094	0	2977340	N.D.	9.670 #
23)	L5 AR-1248-3	6.666	5.291	258.9E6	-2986220	64.625	N.D. #
24)	L5 AR-1248-4	6.666	5.623	258.9E6	4569863	70.595	8.138 #
25)	L5 AR-1248-5	6.837	5.683	81663118	2202043	22.296	5.334 #
26)	L6 AR-1254-1	6.666	5.623	258.9E6	4569863	74.800	8.521 #
27)	L6 AR-1254-2	6.837	5.780	81663118	2167620	15.297	4.727 #
28)	L6 AR-1254-3	7.119	6.185	26152357	12643996	4.394	15.957 #
29)	L6 AR-1254-4	7.467	6.393	19493099	5706859	4.170	10.477 #
30)	L6 AR-1254-5	0.000	6.655	0	7280973	N.D.	21.040 #
31)	L7 AR-1260-1	0.000	6.312	0	4526866	N.D.	7.340 #
32)	L7 AR-1260-2	7.647	6.655	19223796	7280973	3.165	10.280 #
33)	L7 AR-1260-3	0.000	7.095	0	5675158	N.D.	9.574 #
34)	L7 AR-1260-4	0.000	7.312	0	6660040	N.D.	4.554 #
35)	L7 AR-1260-5	0.000	7.692	0	685565	N.D.	0.653 #
36)	L8 AR-1262-1	0.000	6.312	0	4526866	N.D.	9.040 #
37)	L8 AR-1262-2	7.647	6.482	19223796	13159094	3.674	20.624 #
38)	L8 AR-1262-3	0.000	6.829	0	14549980	N.D.	16.053 #
39)	L8 AR-1262-4	0.000	7.095	0	5675158	N.D.	7.137 #
40)	L8 AR-1262-5	0.000	7.312	0	6660040	N.D.	3.966 #
41)	L9 AR-1268-1	0.000	7.596	0	2862663	N.D.	1.578 #
42)	L9 AR-1268-2	0.000	7.692	0	685565	N.D.	0.387 #
43)	L9 AR-1268-3	0.000	7.882	0	2030544	N.D.	1.475 #

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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
44) L9	AR-1268-4	0.000	8.182	0	4088758	N.D.	6.498 #
45) L9	AR-1268-5	0.000	8.464	0	3484447	N.D.	0.792 #

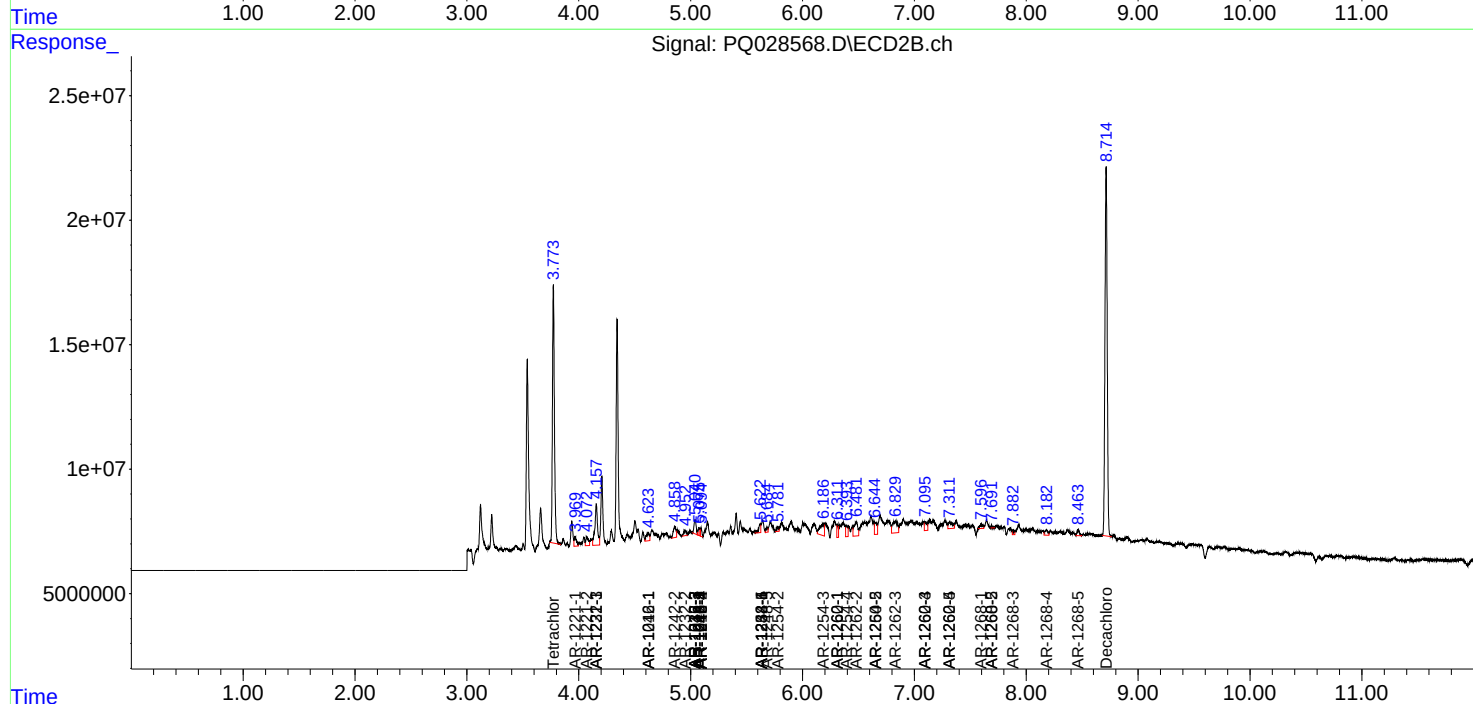
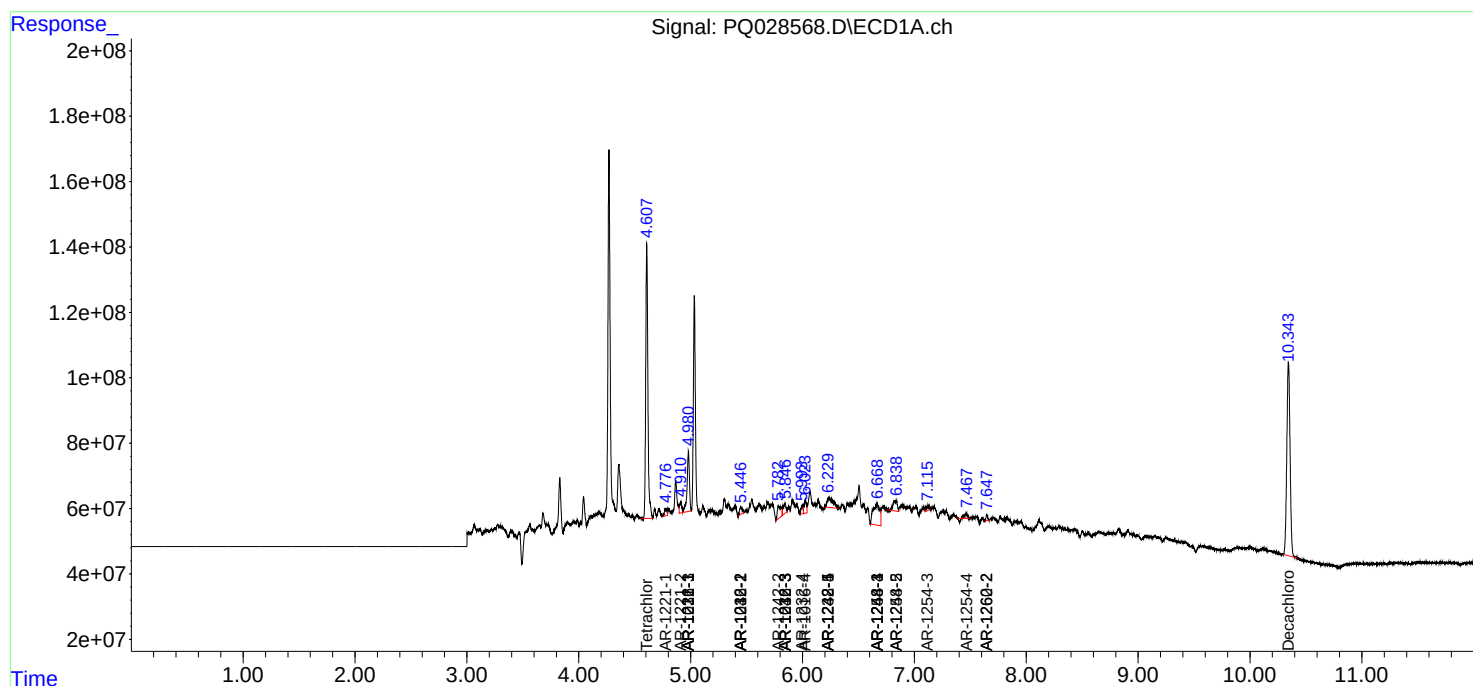
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

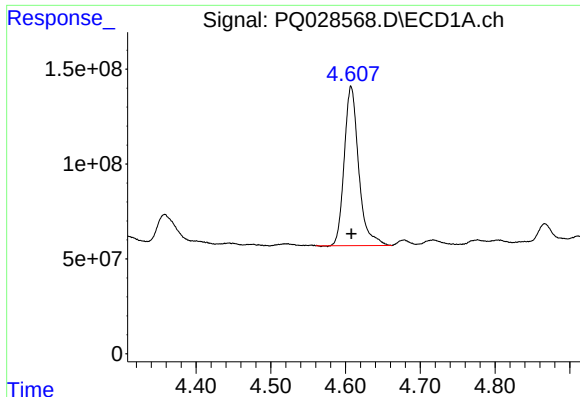
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

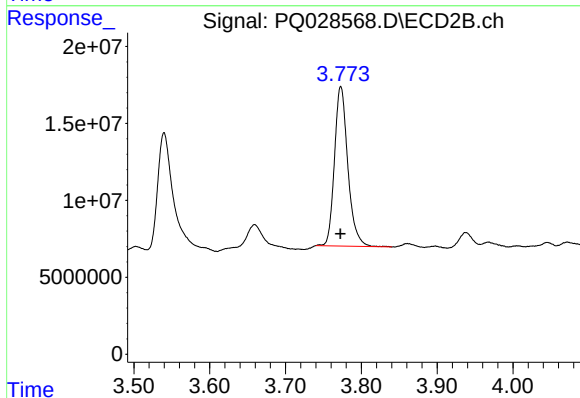




#1 Tetrachloro-m-xylene

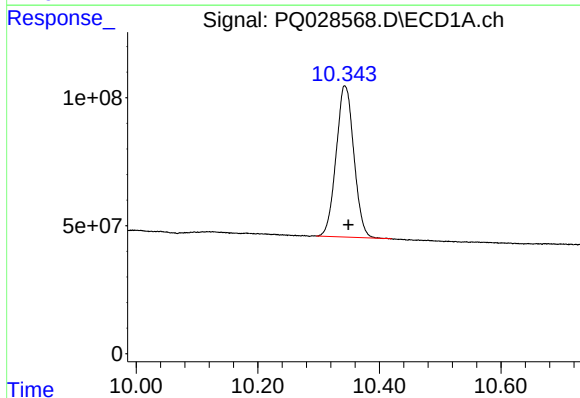
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 1129207058
Conc: 13.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



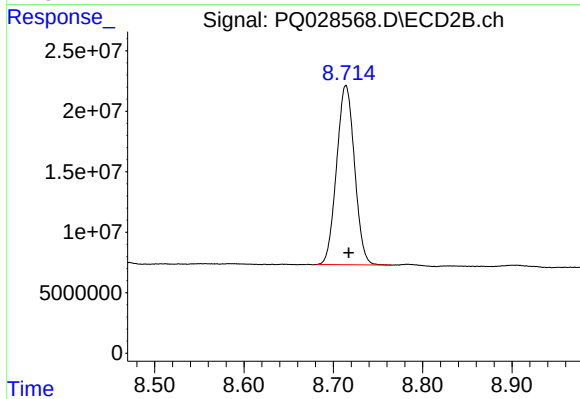
#1 Tetrachloro-m-xylene

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 126946186
Conc: 14.20 ng/ml



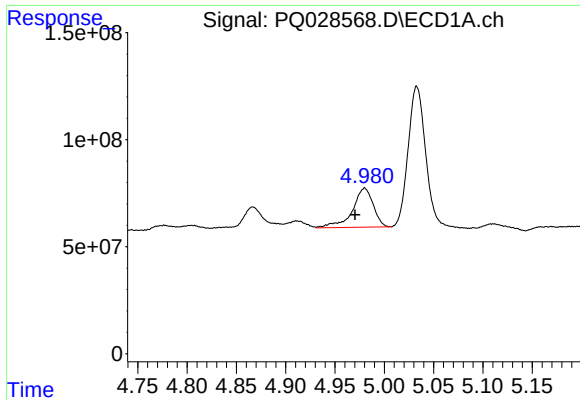
#2 Decachlorobiphenyl

R.T.: 10.344 min
Delta R.T.: -0.005 min
Response: 1194365509
Conc: 19.59 ng/ml



#2 Decachlorobiphenyl

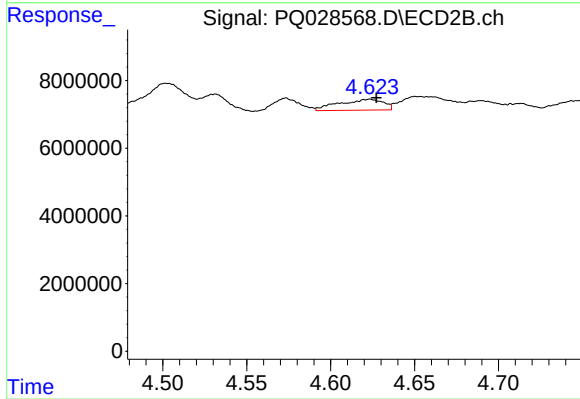
R.T.: 8.714 min
Delta R.T.: -0.003 min
Response: 206492112
Conc: 17.78 ng/ml



#3 AR-1016-1

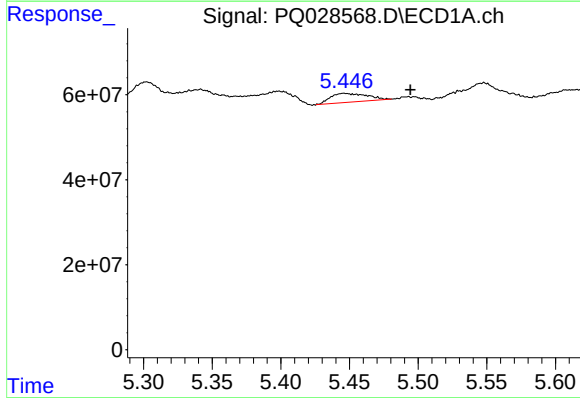
R.T.: 4.980 min
Delta R.T.: 0.010 min
Response: 267934706
Conc: 202.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



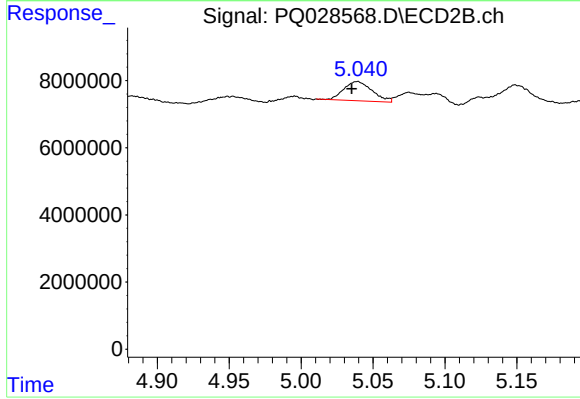
#3 AR-1016-1

R.T.: 4.623 min
Delta R.T.: -0.004 min
Response: 5917832
Conc: 24.24 ng/ml



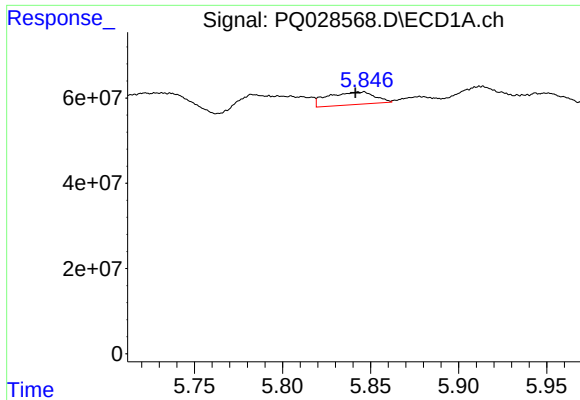
#4 AR-1016-2

R.T.: 5.446 min
Delta R.T.: -0.048 min
Response: 38541065
Conc: 19.33 ng/ml



#4 AR-1016-2

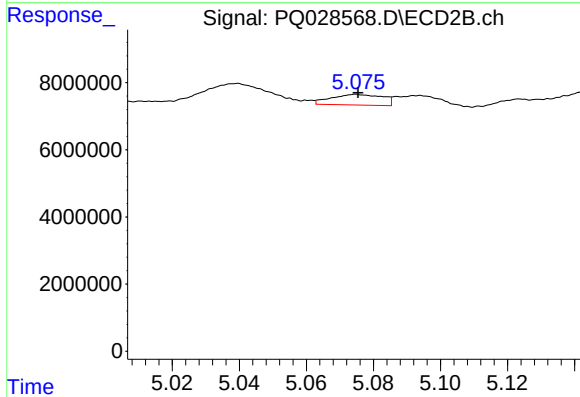
R.T.: 5.039 min
Delta R.T.: 0.004 min
Response: 7874377
Conc: 28.73 ng/ml



#5 AR-1016-3

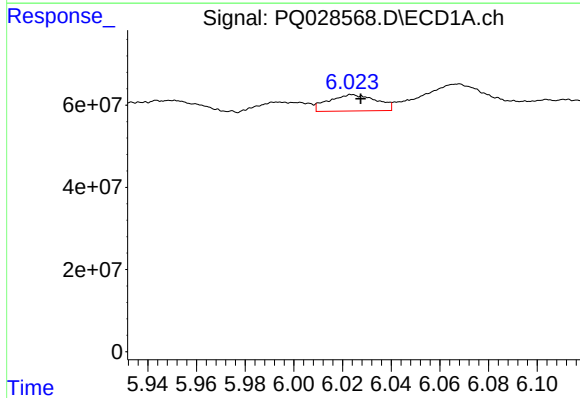
R.T.: 5.845 min
Delta R.T.: 0.004 min
Response: 55067853
Conc: 20.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



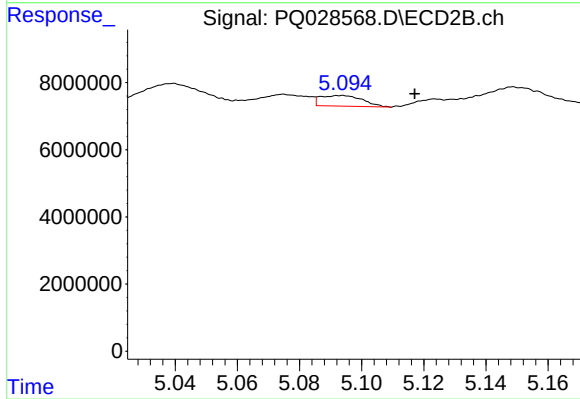
#5 AR-1016-3

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 3339070
Conc: 15.64 ng/ml



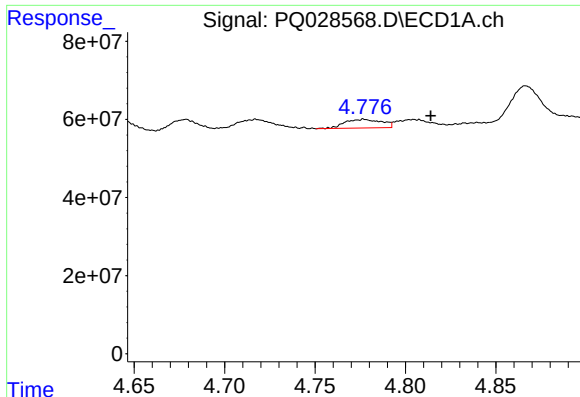
#6 AR-1016-4

R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 54095974
Conc: 29.64 ng/ml



#6 AR-1016-4

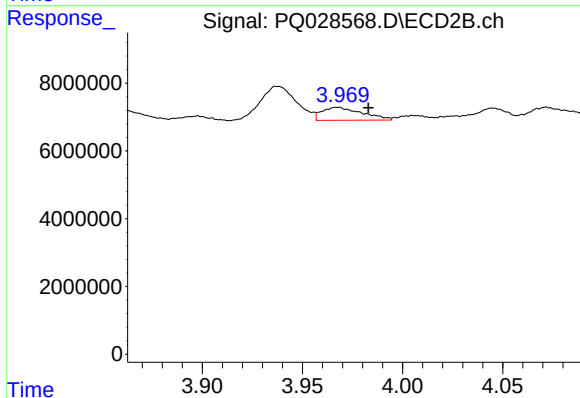
R.T.: 5.094 min
Delta R.T.: -0.024 min
Response: 2977340
Conc: 11.40 ng/ml



#8 AR-1221-1

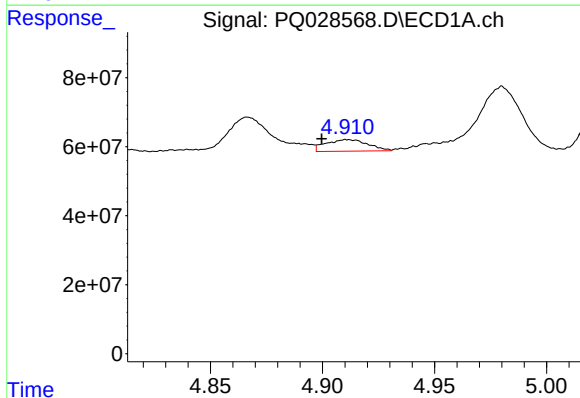
R.T.: 4.777 min
Delta R.T.: -0.037 min
Response: 31763110
Conc: 17.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



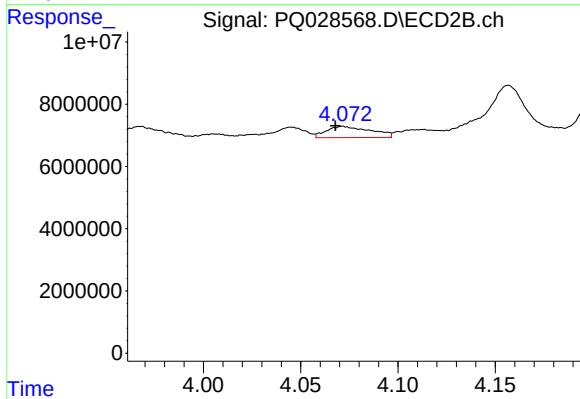
#8 AR-1221-1

R.T.: 3.967 min
Delta R.T.: -0.015 min
Response: 5346135
Conc: 26.76 ng/ml



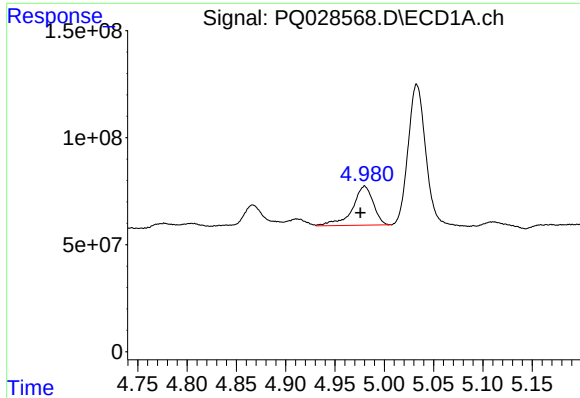
#9 AR-1221-2

R.T.: 4.911 min
Delta R.T.: 0.011 min
Response: 44433156
Conc: 34.17 ng/ml



#9 AR-1221-2

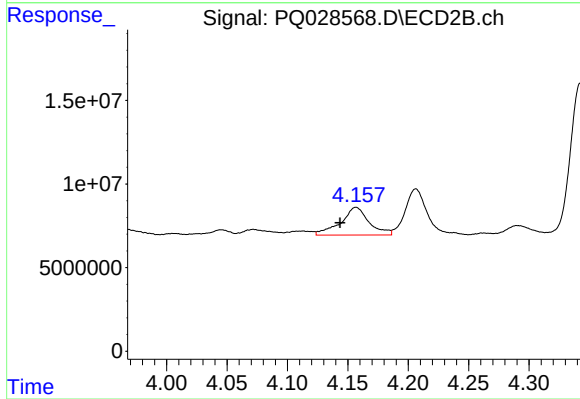
R.T.: 4.072 min
Delta R.T.: 0.004 min
Response: 5726544
Conc: 38.43 ng/ml



#10 AR-1221-3

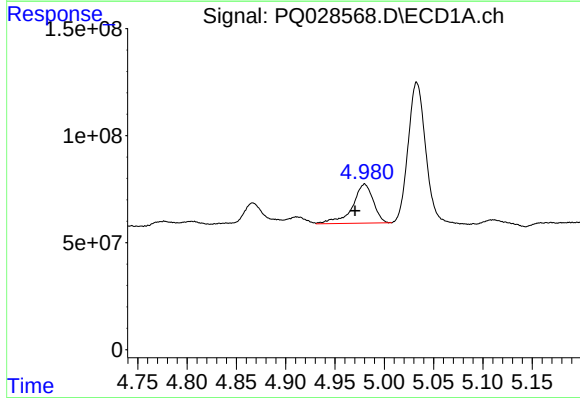
R.T.: 4.980 min
Delta R.T.: 0.004 min
Response: 267934706
Conc: 63.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



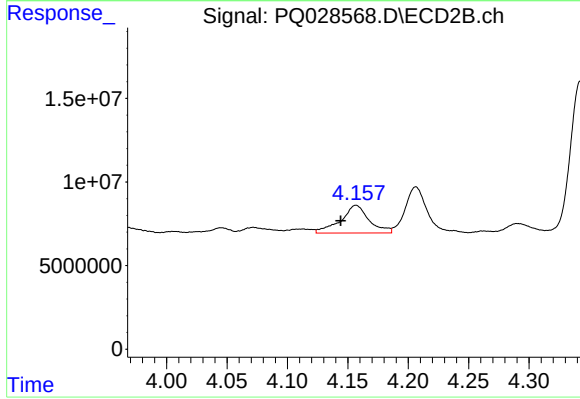
#10 AR-1221-3

R.T.: 4.157 min
Delta R.T.: 0.013 min
Response: 27199993
Conc: 59.22 ng/ml



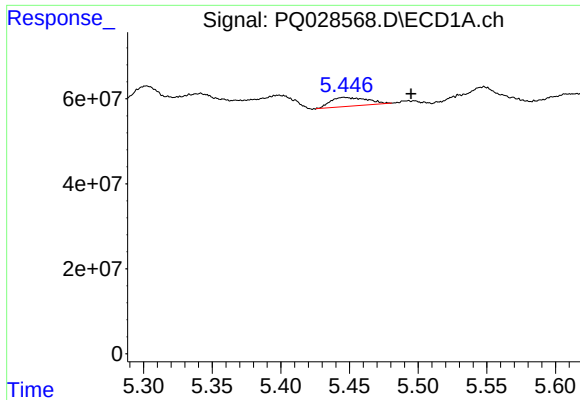
#11 AR-1232-1

R.T.: 4.980 min
Delta R.T.: 0.010 min
Response: 267934706
Conc: 158.13 ng/ml



#11 AR-1232-1

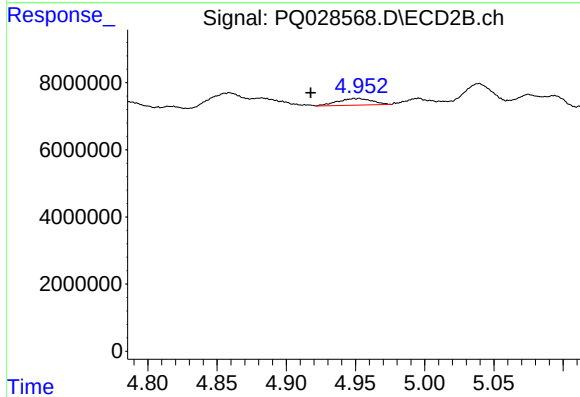
R.T.: 4.157 min
Delta R.T.: 0.013 min
Response: 27199993
Conc: 129.46 ng/ml



#12 AR-1232-2

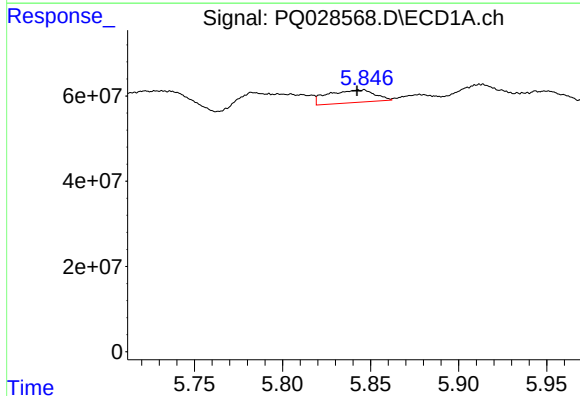
R.T.: 5.446 min
Delta R.T.: -0.049 min
Response: 38541065
Conc: 36.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



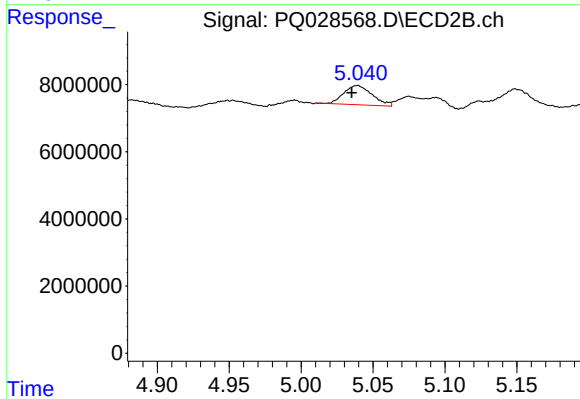
#12 AR-1232-2

R.T.: 4.952 min
Delta R.T.: 0.035 min
Response: 3417026
Conc: 18.42 ng/ml



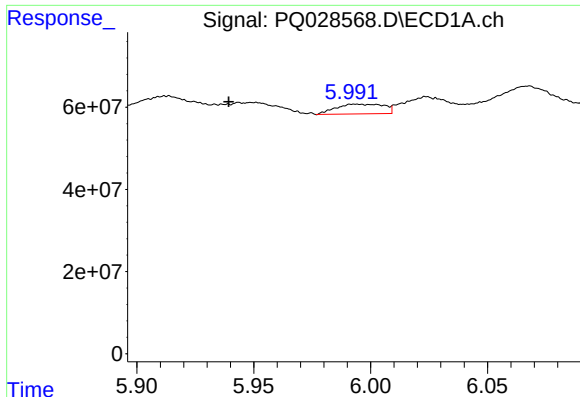
#13 AR-1232-3

R.T.: 5.845 min
Delta R.T.: 0.003 min
Response: 55067853
Conc: 37.09 ng/ml



#13 AR-1232-3

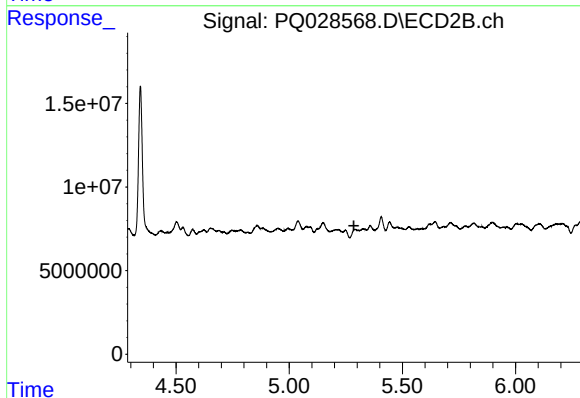
R.T.: 5.039 min
Delta R.T.: 0.004 min
Response: 7874377
Conc: 56.79 ng/ml



#14 AR-1232-4

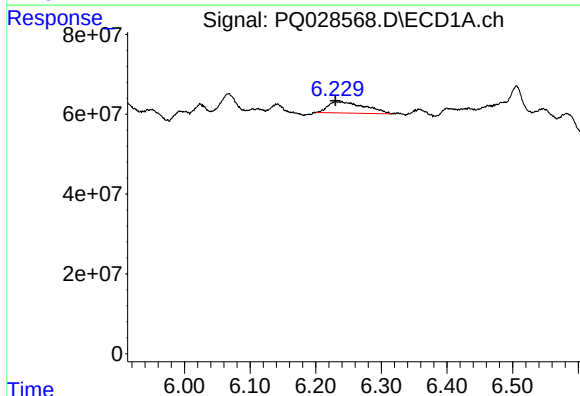
R.T.: 5.994 min
Delta R.T.: 0.054 min
Response: 33591443
Conc: 27.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



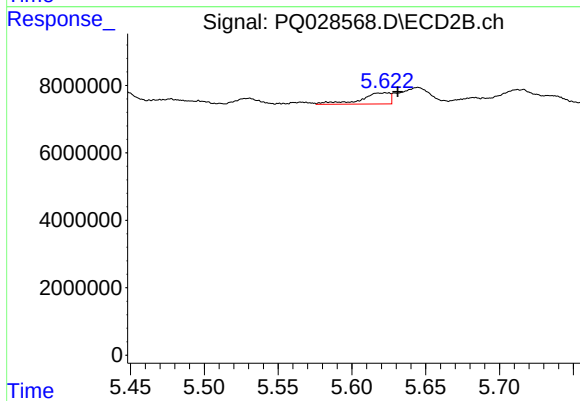
#14 AR-1232-4

R.T.: 5.291 min
Delta R.T.: 0.005 min
Response: -2986220
Conc: N.D.



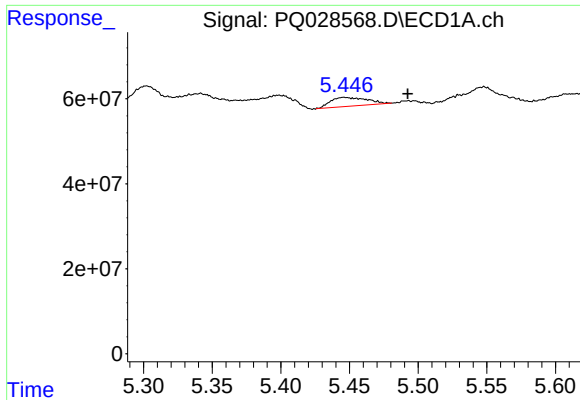
#15 AR-1232-5

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 108804701
Conc: 104.20 ng/ml



#15 AR-1232-5

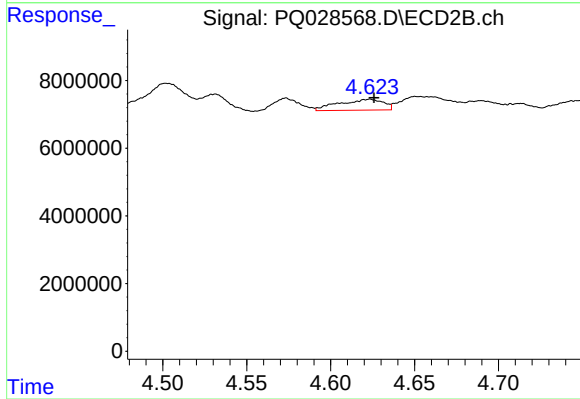
R.T.: 5.623 min
Delta R.T.: -0.008 min
Response: 4569863
Conc: 27.99 ng/ml



#16 AR-1242-1

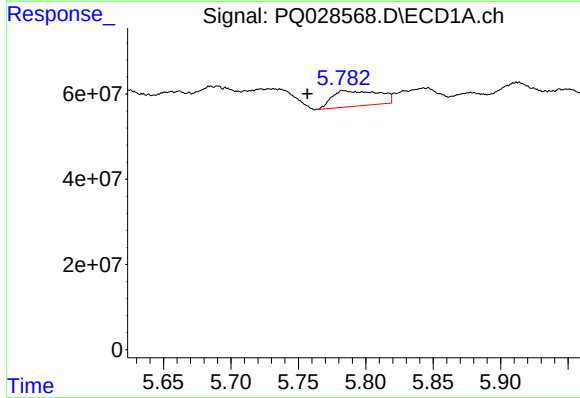
R.T.: 5.446 min
Delta R.T.: -0.046 min
Response: 38541065
Conc: 25.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



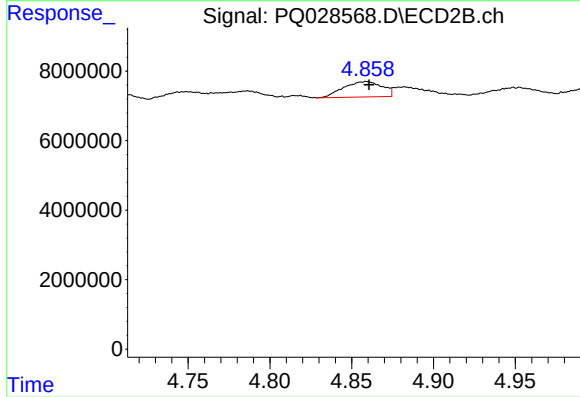
#16 AR-1242-1

R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 5917832
Conc: 30.44 ng/ml



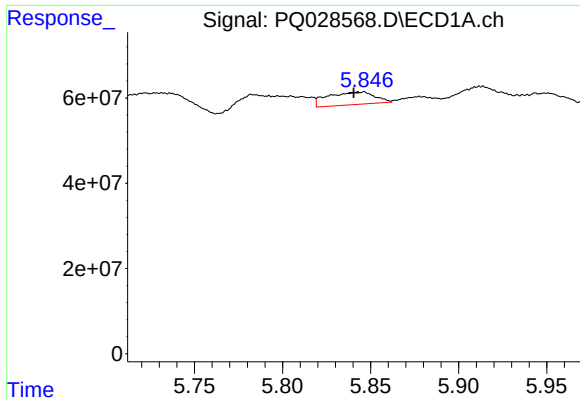
#17 AR-1242-2

R.T.: 5.784 min
Delta R.T.: 0.027 min
Response: 88098039
Conc: 37.20 ng/ml



#17 AR-1242-2

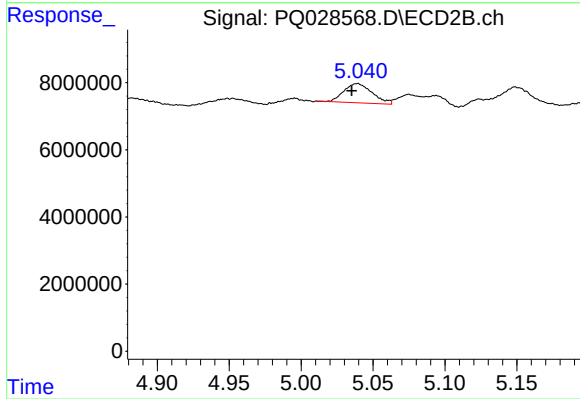
R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 7317721
Conc: 16.08 ng/ml



#18 AR-1242-3

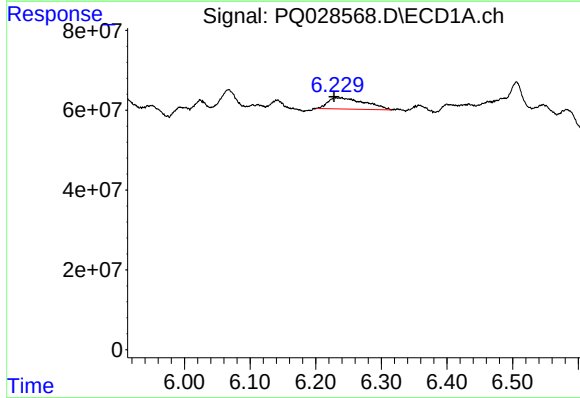
R.T.: 5.845 min
Delta R.T.: 0.005 min
Response: 55067853
Conc: 25.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



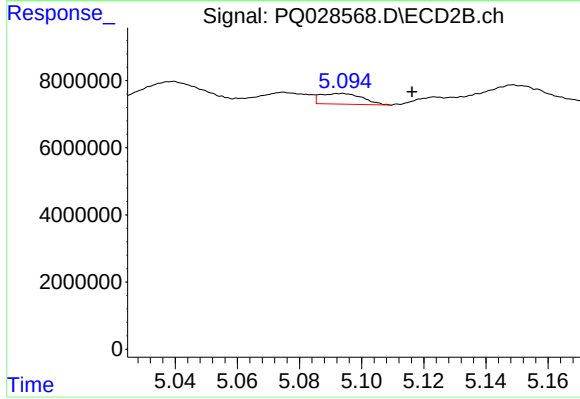
#18 AR-1242-3

R.T.: 5.039 min
Delta R.T.: 0.004 min
Response: 7874377
Conc: 37.92 ng/ml



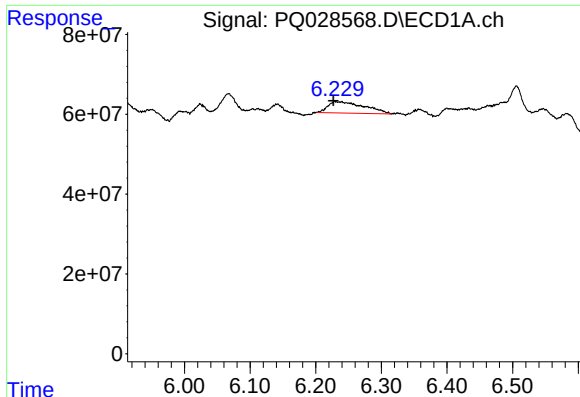
#19 AR-1242-4

R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 108804701
Conc: 61.42 ng/ml



#19 AR-1242-4

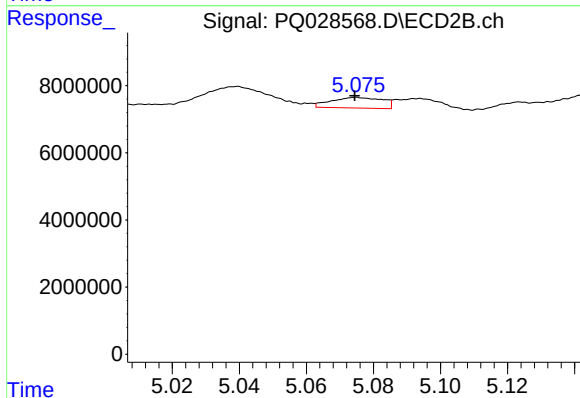
R.T.: 5.094 min
Delta R.T.: -0.023 min
Response: 2977340
Conc: 14.74 ng/ml



#21 AR-1248-1

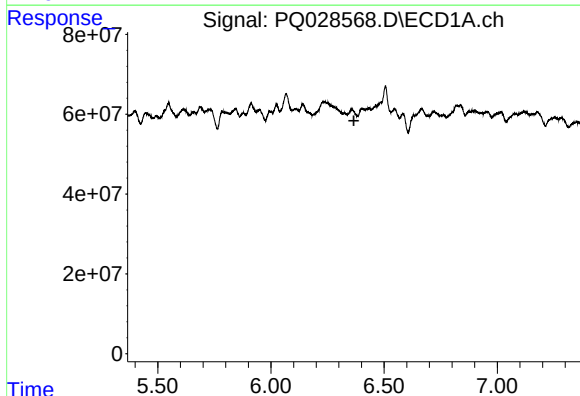
R.T.: 6.230 min
Delta R.T.: 0.003 min
Response: 108804701
Conc: 34.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



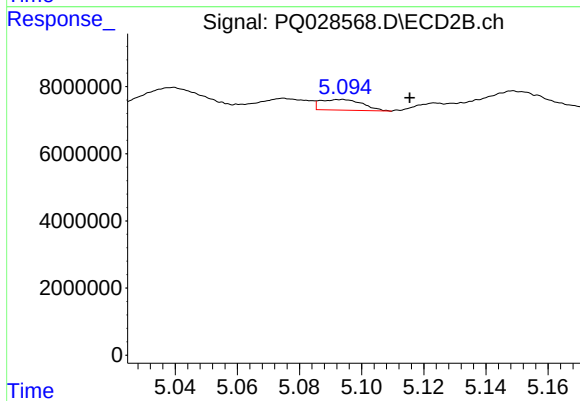
#21 AR-1248-1

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 3339070
Conc: 11.31 ng/ml



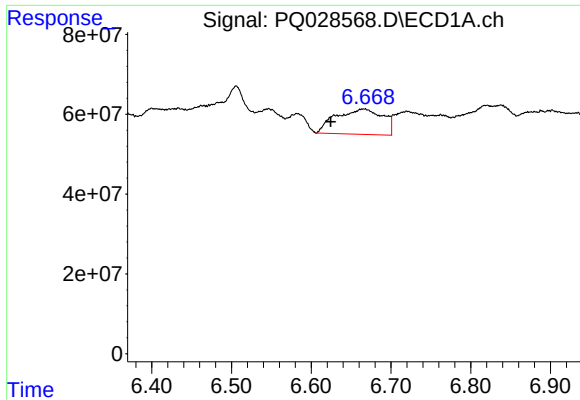
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.366 min
Response: 0
Conc: N.D.



#22 AR-1248-2

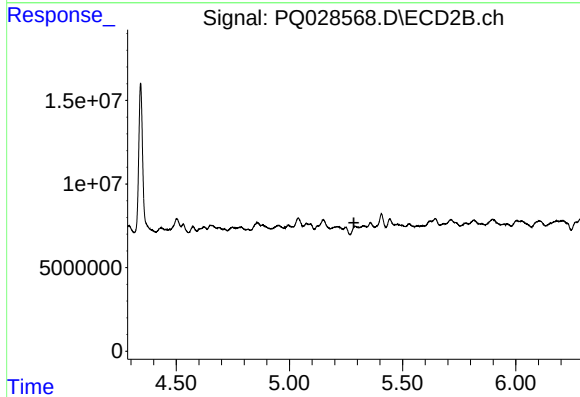
R.T.: 5.094 min
Delta R.T.: -0.022 min
Response: 2977340
Conc: 9.67 ng/ml



#23 AR-1248-3

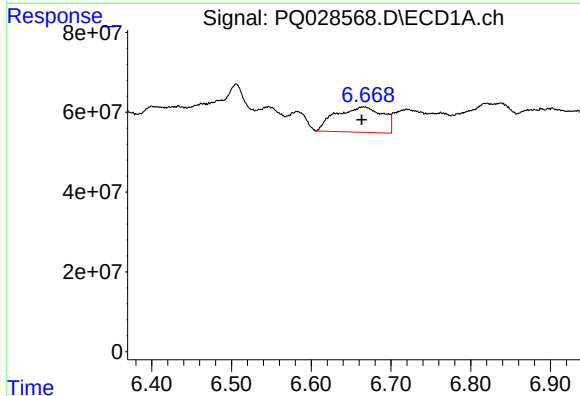
R.T.: 6.666 min
Delta R.T.: 0.041 min
Response: 258864034
Conc: 64.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



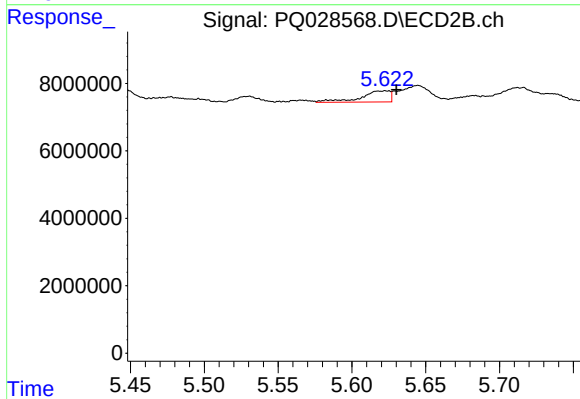
#23 AR-1248-3

R.T.: 5.291 min
Delta R.T.: 0.006 min
Response: -2986220
Conc: N.D.



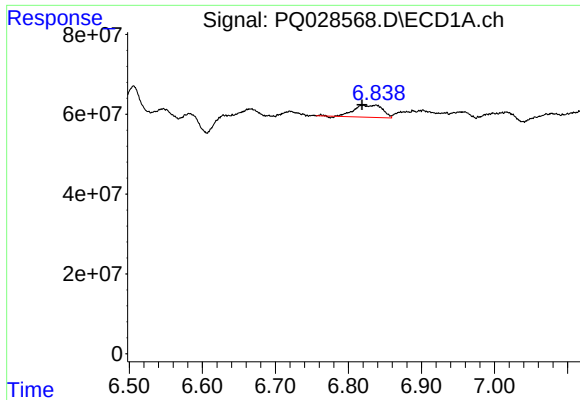
#24 AR-1248-4

R.T.: 6.666 min
Delta R.T.: 0.002 min
Response: 258864034
Conc: 70.60 ng/ml



#24 AR-1248-4

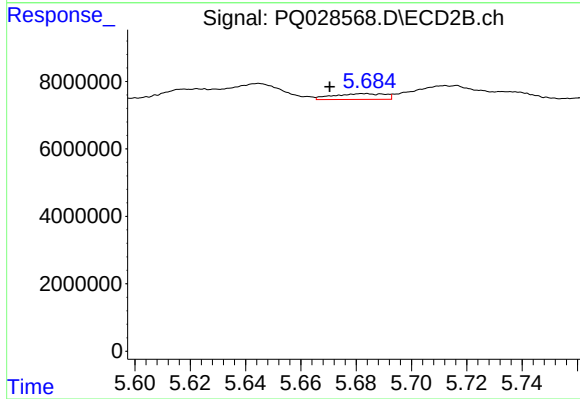
R.T.: 5.623 min
Delta R.T.: -0.007 min
Response: 4569863
Conc: 8.14 ng/ml



#25 AR-1248-5

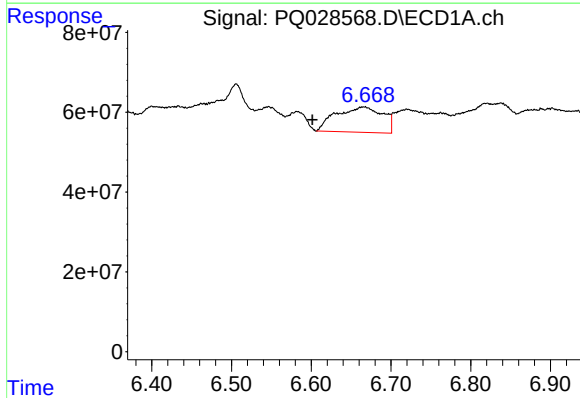
R.T.: 6.837 min
Delta R.T.: 0.018 min
Response: 81663118
Conc: 22.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



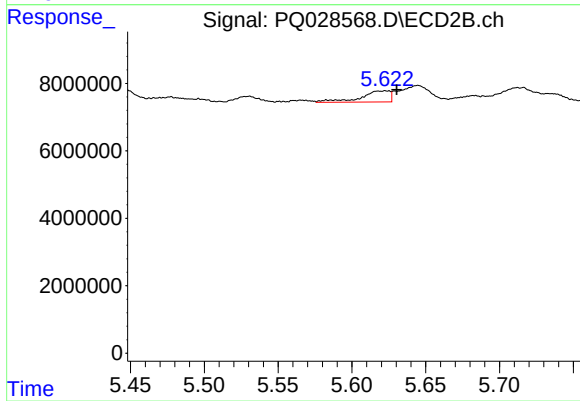
#25 AR-1248-5

R.T.: 5.683 min
Delta R.T.: 0.013 min
Response: 2202043
Conc: 5.33 ng/ml



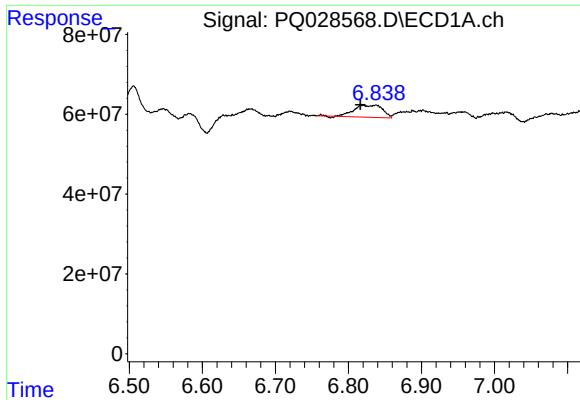
#26 AR-1254-1

R.T.: 6.666 min
Delta R.T.: 0.064 min
Response: 258864034
Conc: 74.80 ng/ml



#26 AR-1254-1

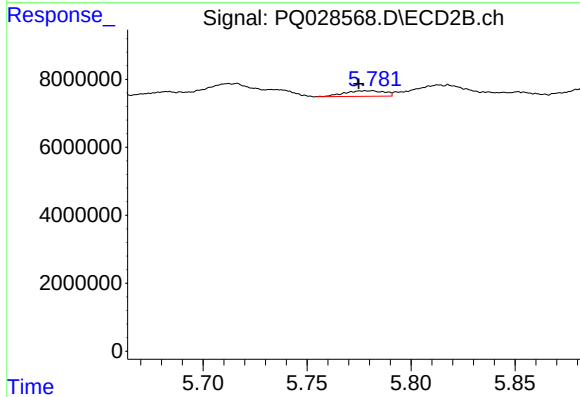
R.T.: 5.623 min
Delta R.T.: -0.007 min
Response: 4569863
Conc: 8.52 ng/ml



#27 AR-1254-2

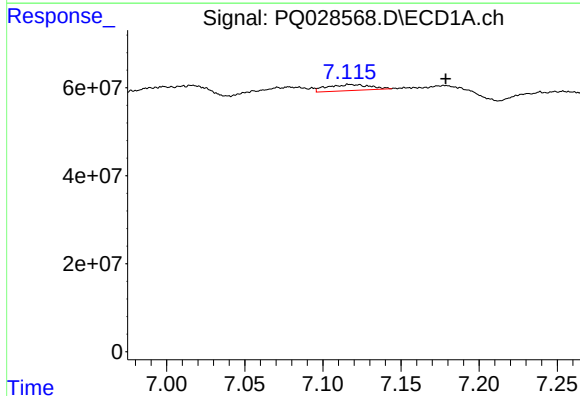
R.T.: 6.837 min
Delta R.T.: 0.020 min
Response: 81663118
Conc: 15.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



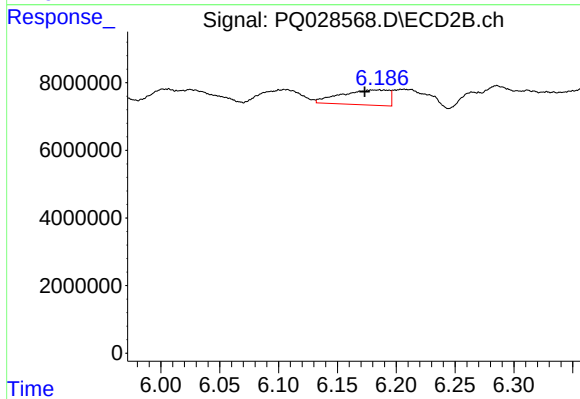
#27 AR-1254-2

R.T.: 5.780 min
Delta R.T.: 0.005 min
Response: 2167620
Conc: 4.73 ng/ml



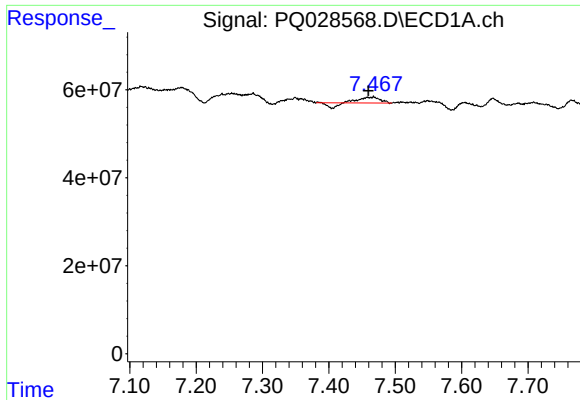
#28 AR-1254-3

R.T.: 7.119 min
Delta R.T.: -0.060 min
Response: 26152357
Conc: 4.39 ng/ml



#28 AR-1254-3

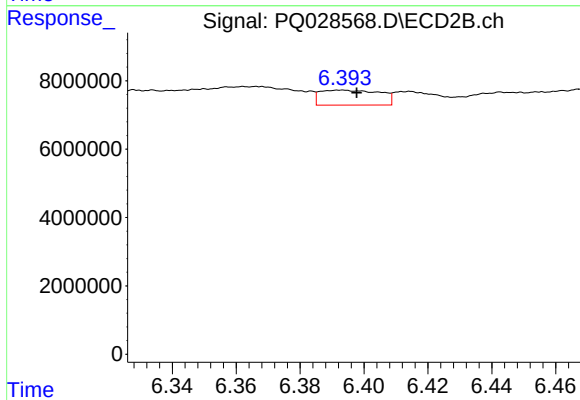
R.T.: 6.185 min
Delta R.T.: 0.012 min
Response: 12643996
Conc: 15.96 ng/ml



#29 AR-1254-4

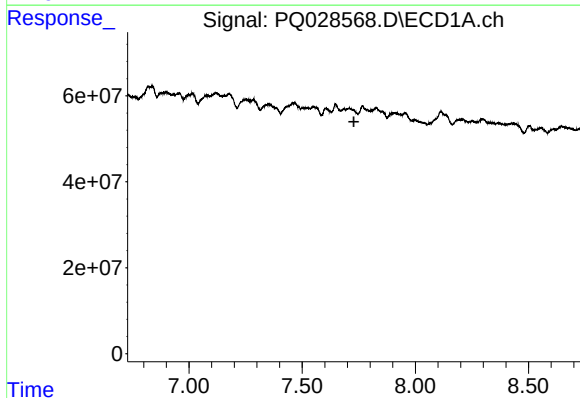
R.T.: 7.467 min
Delta R.T.: 0.008 min
Response: 19493099
Conc: 4.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



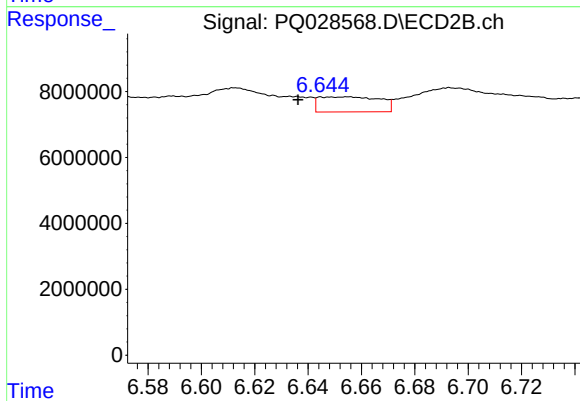
#29 AR-1254-4

R.T.: 6.393 min
Delta R.T.: -0.005 min
Response: 5706859
Conc: 10.48 ng/ml



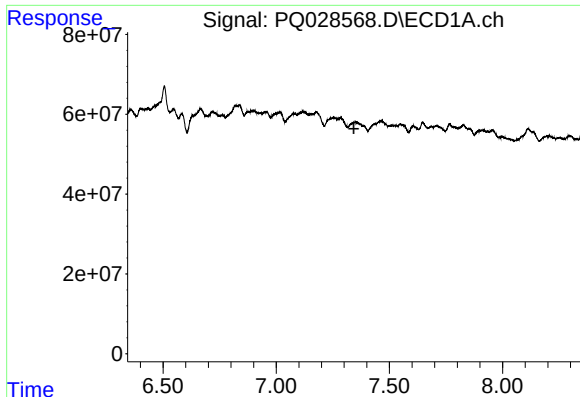
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.729 min
Response: 0
Conc: N.D.



#30 AR-1254-5

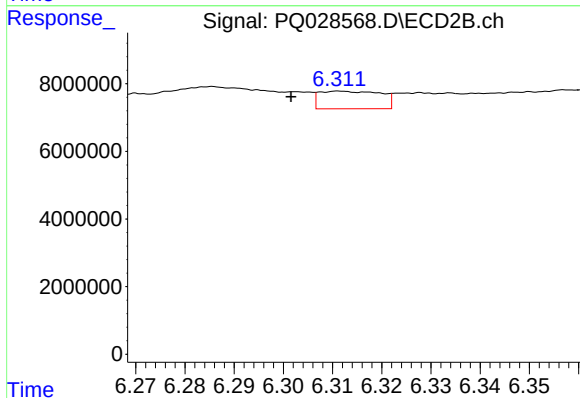
R.T.: 6.655 min
Delta R.T.: 0.018 min
Response: 7280973
Conc: 21.04 ng/ml



#31 AR-1260-1

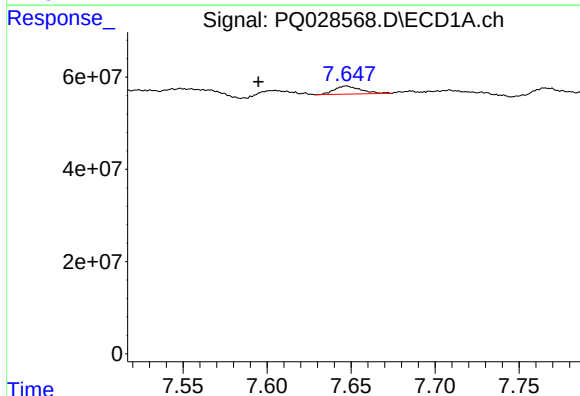
R.T.: 0.000 min
Exp R.T.: 7.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



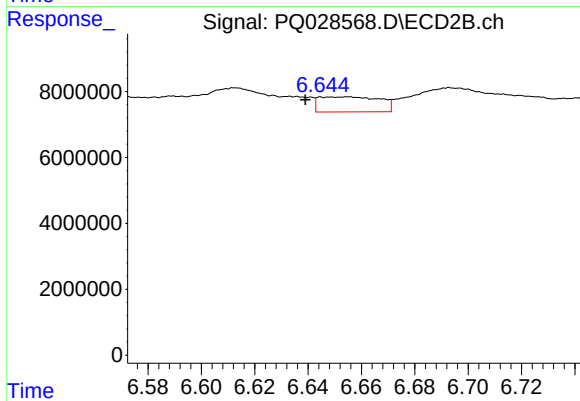
#31 AR-1260-1

R.T.: 6.312 min
Delta R.T.: 0.010 min
Response: 4526866
Conc: 7.34 ng/ml



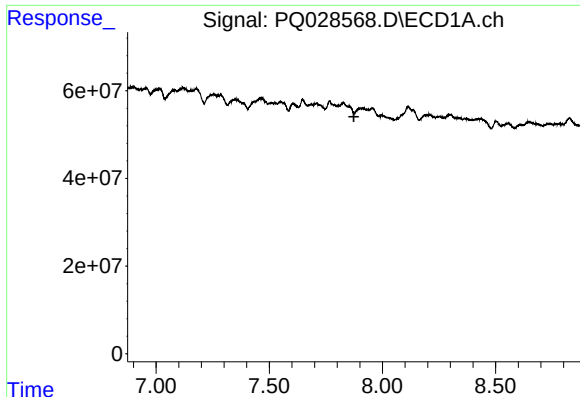
#32 AR-1260-2

R.T.: 7.647 min
Delta R.T.: 0.053 min
Response: 19223796
Conc: 3.16 ng/ml



#32 AR-1260-2

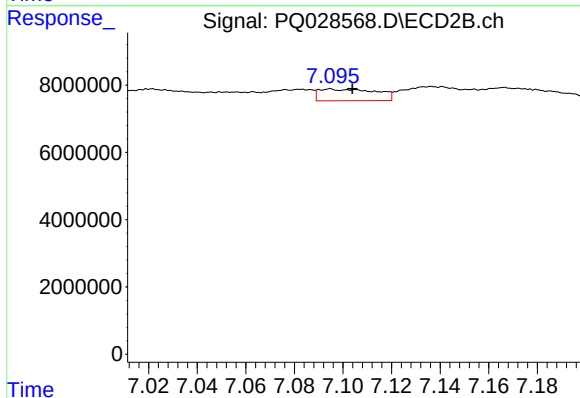
R.T.: 6.655 min
Delta R.T.: 0.016 min
Response: 7280973
Conc: 10.28 ng/ml



#33 AR-1260-3

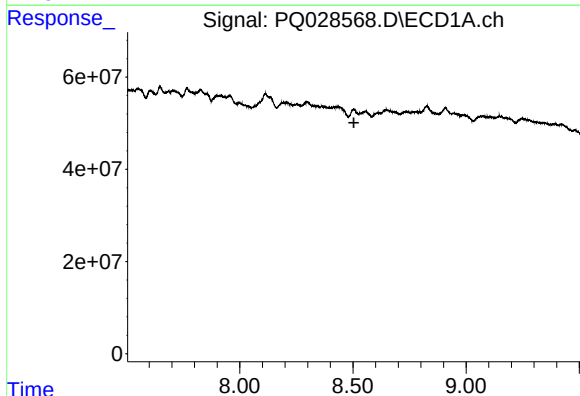
R.T.: 0.000 min
Exp R.T.: 7.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



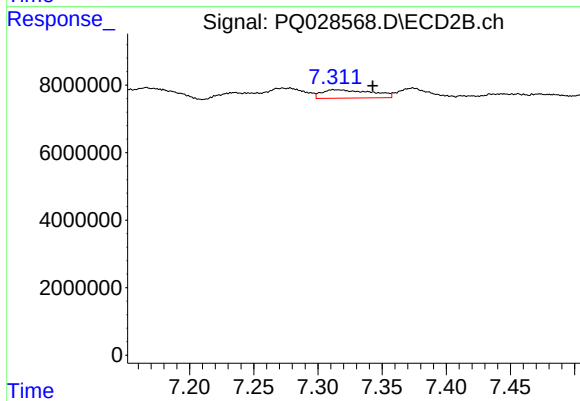
#33 AR-1260-3

R.T.: 7.095 min
Delta R.T.: -0.009 min
Response: 5675158
Conc: 9.57 ng/ml



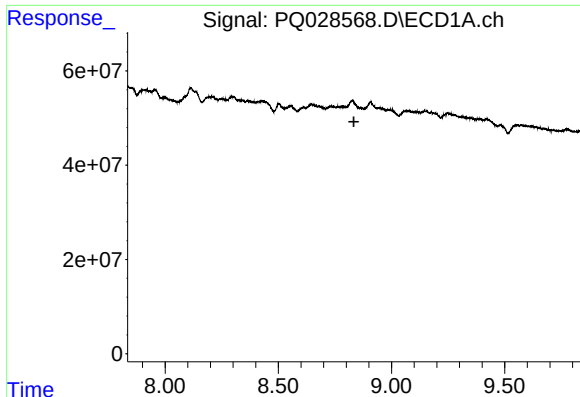
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.504 min
Response: 0
Conc: N.D.



#34 AR-1260-4

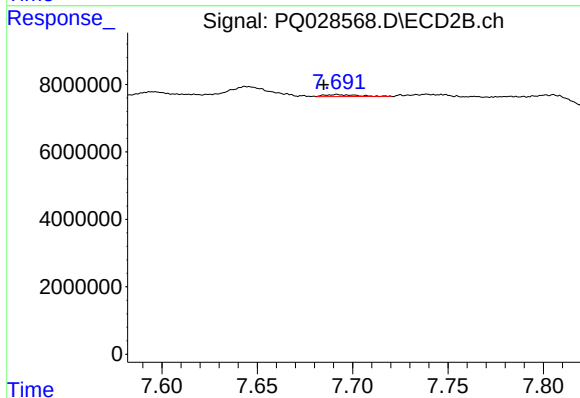
R.T.: 7.312 min
Delta R.T.: -0.030 min
Response: 6660040
Conc: 4.55 ng/ml



#35 AR-1260-5

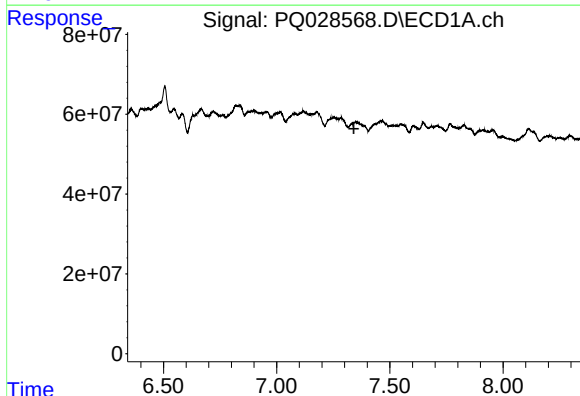
R.T.: 0.000 min
Exp R.T. : 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



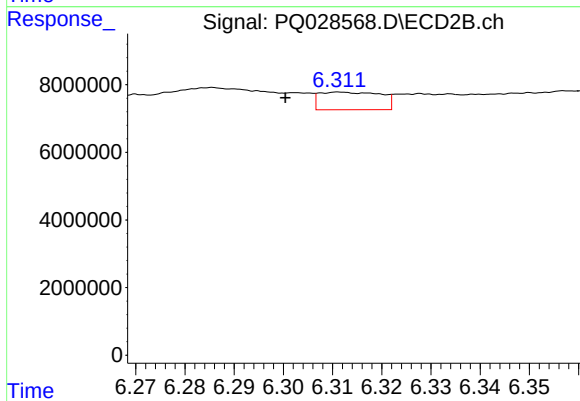
#35 AR-1260-5

R.T.: 7.692 min
Delta R.T.: 0.007 min
Response: 685565
Conc: 0.65 ng/ml



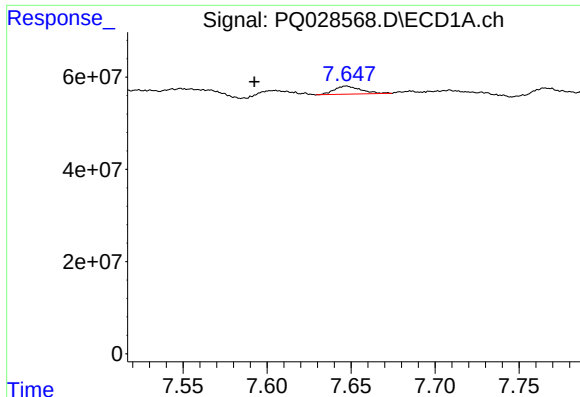
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.341 min
Response: 0
Conc: N.D.



#36 AR-1262-1

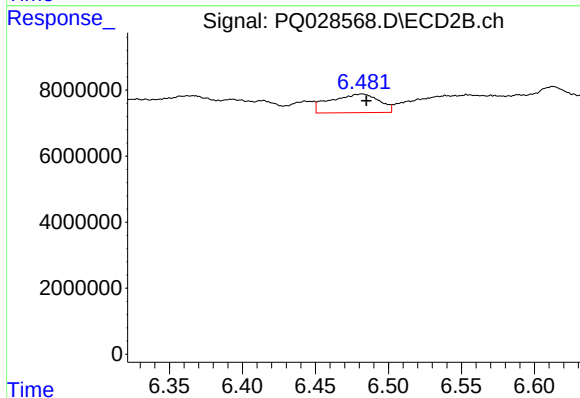
R.T.: 6.312 min
Delta R.T.: 0.011 min
Response: 4526866
Conc: 9.04 ng/ml



#37 AR-1262-2

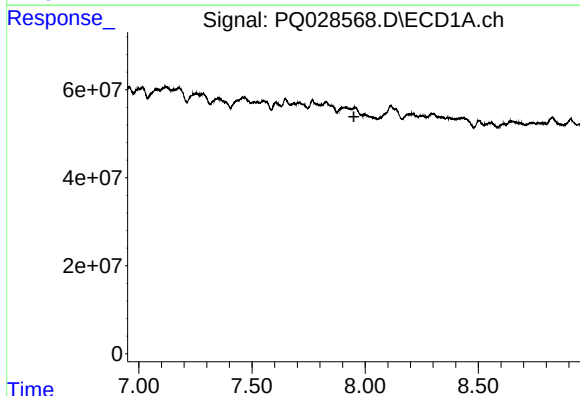
R.T.: 7.647 min
Delta R.T.: 0.055 min
Response: 19223796
Conc: 3.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



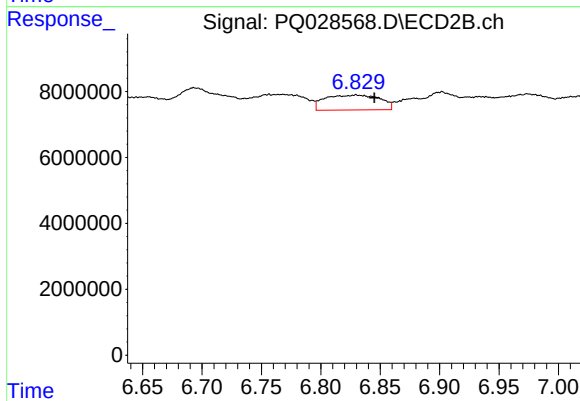
#37 AR-1262-2

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 13159094
Conc: 20.62 ng/ml



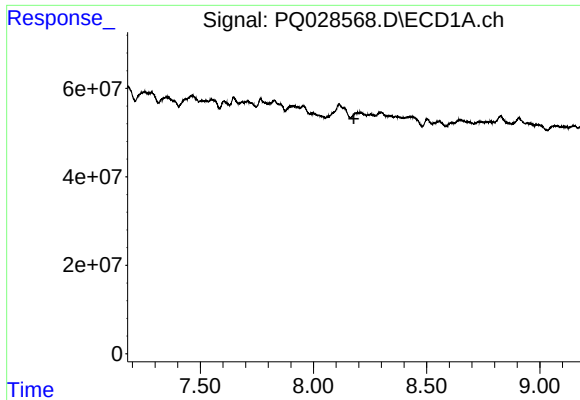
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.950 min
Response: 0
Conc: N.D.



#38 AR-1262-3

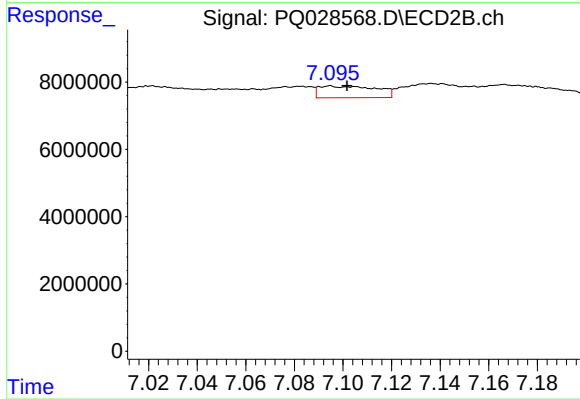
R.T.: 6.829 min
Delta R.T.: -0.016 min
Response: 14549980
Conc: 16.05 ng/ml



#39 AR-1262-4

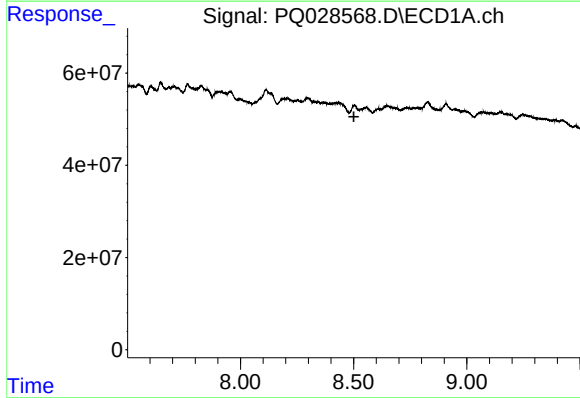
R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



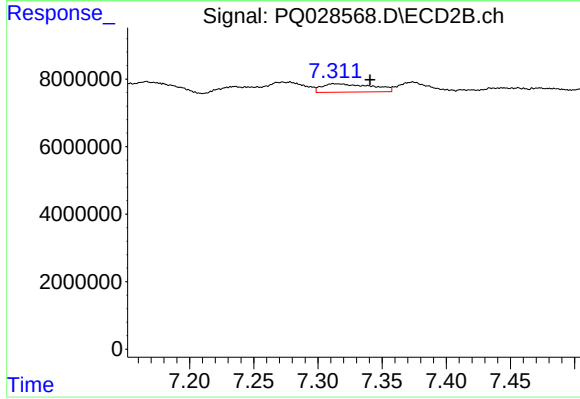
#39 AR-1262-4

R.T.: 7.095 min
Delta R.T.: -0.007 min
Response: 5675158
Conc: 7.14 ng/ml



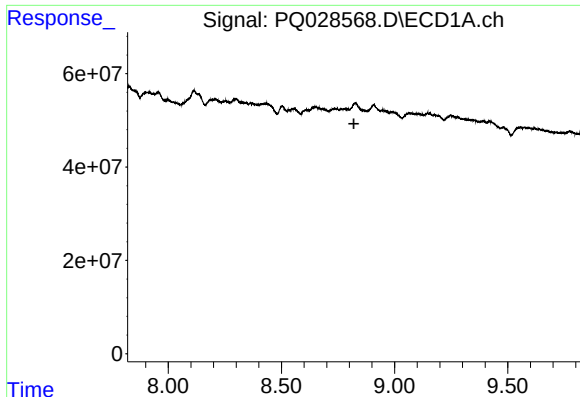
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.501 min
Response: 0
Conc: N.D.



#40 AR-1262-5

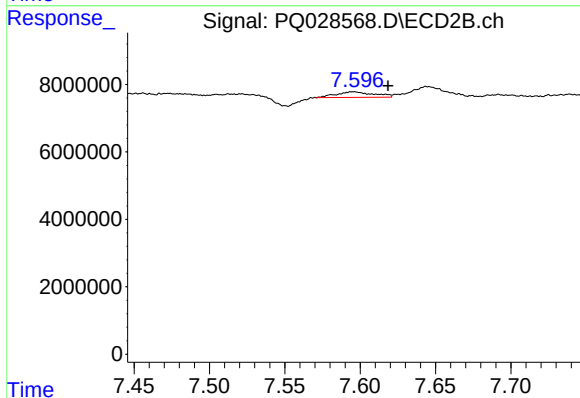
R.T.: 7.312 min
Delta R.T.: -0.028 min
Response: 6660040
Conc: 3.97 ng/ml



#41 AR-1268-1

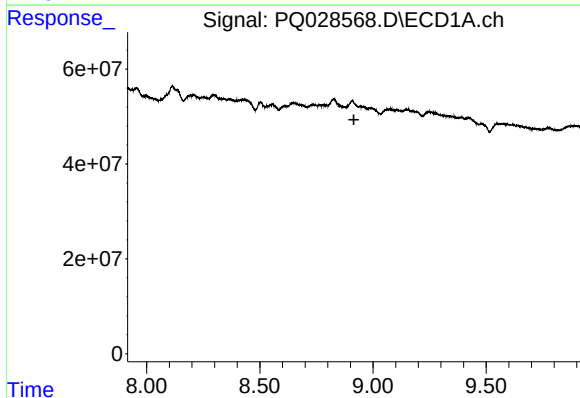
R.T.: 0.000 min
Exp R.T.: 8.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



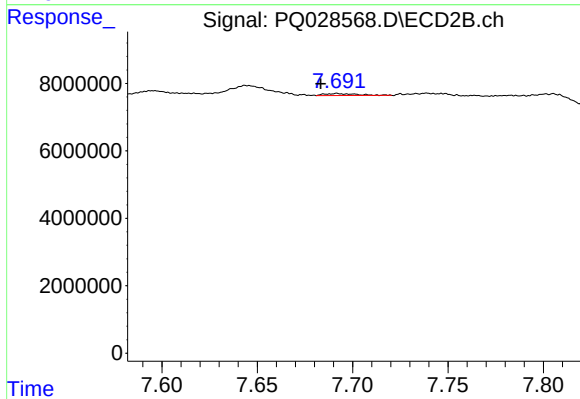
#41 AR-1268-1

R.T.: 7.596 min
Delta R.T.: -0.023 min
Response: 2862663
Conc: 1.58 ng/ml



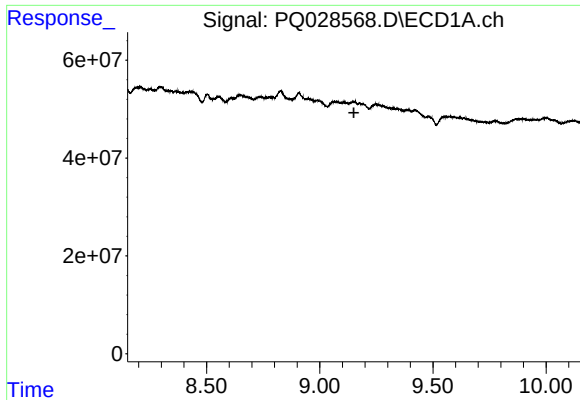
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.916 min
Response: 0
Conc: N.D.



#42 AR-1268-2

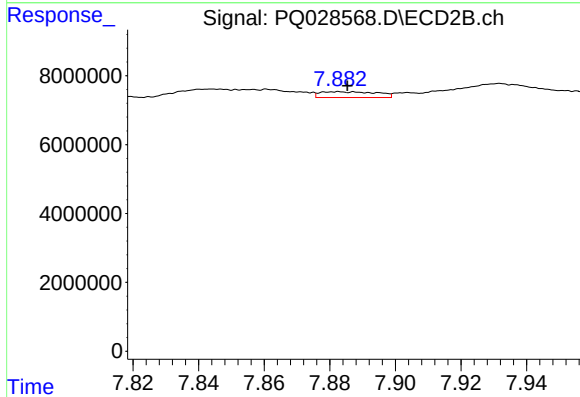
R.T.: 7.692 min
Delta R.T.: 0.009 min
Response: 685565
Conc: 0.39 ng/ml



#43 AR-1268-3

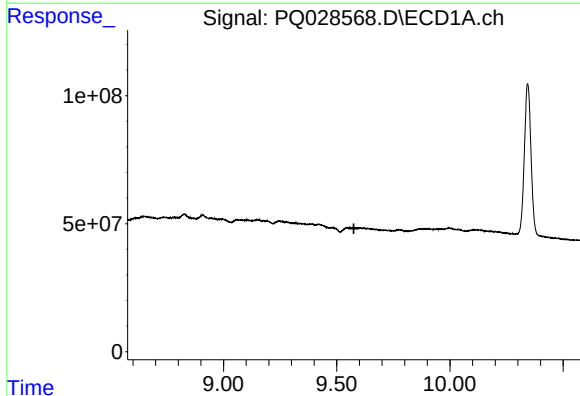
R.T.: 0.000 min
Exp R.T.: 9.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



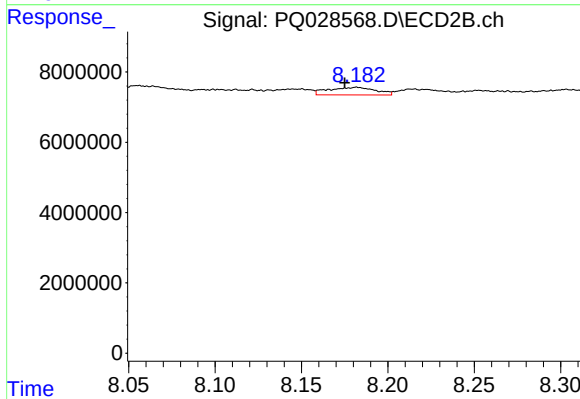
#43 AR-1268-3

R.T.: 7.882 min
Delta R.T.: -0.003 min
Response: 2030544
Conc: 1.47 ng/ml



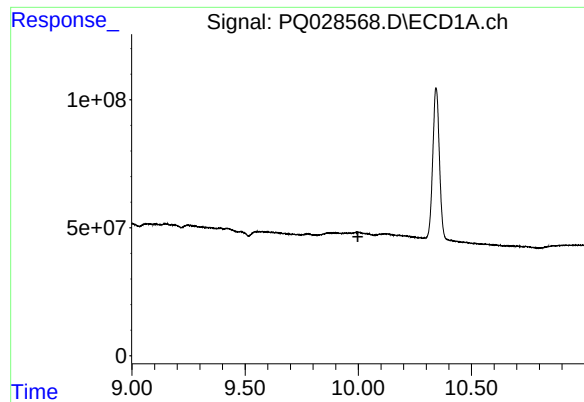
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.576 min
Response: 0
Conc: N.D.



#44 AR-1268-4

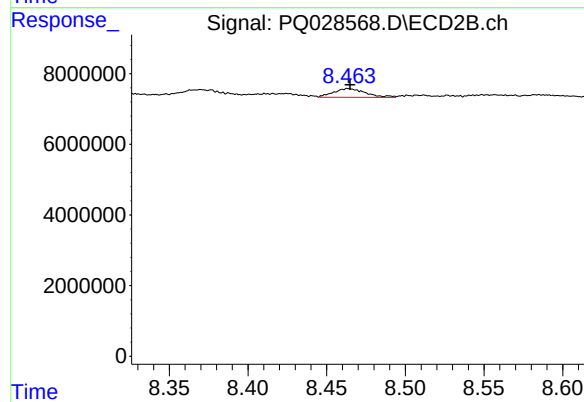
R.T.: 8.182 min
Delta R.T.: 0.007 min
Response: 4088758
Conc: 6.50 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.998 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.464 min
Delta R.T.: -0.001 min
Response: 3484447
Conc: 0.79 ng/ml