

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ051018\
 Data File : PQ028545.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2018 04:50
 Operator : UA/SM
 Sample : J2799-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 09:11:00 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	1090.7E6	112.2E6	13.198	12.550
2)	SA Decachlor...	10.345	8.714	1025.1E6	195.2E6	16.813	16.810
Target Compounds							
3)	L1 AR-1016-1	4.981	4.622	377.9E6	6094799	285.648	24.967 #
4)	L1 AR-1016-2	5.448	5.038	65208123	7180484	32.706	26.199
5)	L1 AR-1016-3	5.834	5.077	222.7E6	9451443	81.542	44.281 #
6)	L1 AR-1016-4	6.023	5.150	110.3E6	16750529	60.449	64.117
7)	L1 AR-1016-5	6.434	5.289	119.5E6	-3858045	49.048	N.D. #
8)	L2 AR-1221-1	4.807	3.969	40898549	6767047	22.215	33.875 #
9)	L2 AR-1221-2	4.911	4.072	44492116	4895461	34.213	32.850
10)	L2 AR-1221-3	4.981	4.157	377.9E6	59620568	90.256	129.810 #
11)	L3 AR-1232-1	4.981	4.157	377.9E6	59620568	223.050	283.758 #
12)	L3 AR-1232-2	5.448	4.944	65208123	3088361	62.274	16.648 #
13)	L3 AR-1232-3	5.834	5.038	222.7E6	7180484	149.986	51.782 #
14)	L3 AR-1232-4	5.952	5.289	48495216	-3858045	39.177	N.D. #
15)	L3 AR-1232-5	6.239	5.645	77233759	6115375	73.967	37.453 #
16)	L4 AR-1242-1	5.448	4.622	65208123	6094799	42.465	31.354 #
17)	L4 AR-1242-2	5.687	4.863	98230260	13483408	41.475	29.631 #
18)	L4 AR-1242-3	5.834	5.038	222.7E6	7180484	103.699	34.579 #
19)	L4 AR-1242-4	6.239	5.150	77233759	16750529	43.598	82.931 #
20)	L4 AR-1242-5	6.434	5.289	119.5E6	-3858045	61.550	N.D. #
21)	L5 AR-1248-1	6.239	5.077	77233759	9451443	24.452	32.016 #
22)	L5 AR-1248-2	6.434	5.150	119.5E6	16750529	42.873	54.406 #
23)	L5 AR-1248-3	6.666	5.289	260.5E6	-3858045	65.036	N.D. #
24)	L5 AR-1248-4	6.666	5.645	260.5E6	6115375	71.044	10.890 #
25)	L5 AR-1248-5	6.822	5.684	113.8E6	2198558	31.060	5.326 #
26)	L6 AR-1254-1	6.666	5.645	260.5E6	6115375	75.276	11.403 #
27)	L6 AR-1254-2	6.822	5.778	113.8E6	2324358	21.309	5.069 #
28)	L6 AR-1254-3	7.161	6.175	167.0E6	10843522	28.052	13.685 #
29)	L6 AR-1254-4	7.462	6.415	7040548	5198761	1.506	9.544 #
30)	L6 AR-1254-5	0.000	6.652	0	7739221	N.D.	22.364 #
31)	L7 AR-1260-1	7.347	6.286	32722941	29196756	7.434	47.341 #
32)	L7 AR-1260-2	7.603	6.652	26744402	7739221	4.403	10.927 #
33)	L7 AR-1260-3	7.827	7.098	66461034	4268431	10.681	7.201 #
34)	L7 AR-1260-4	0.000	7.334	0	9562910	N.D.	6.539 #
35)	L7 AR-1260-5	0.000	7.686	0	572738	N.D.	0.545 #
36)	L8 AR-1262-1	7.347	6.286	32722941	29196756	8.714	58.308 #
37)	L8 AR-1262-2	7.603	6.481	26744402	20666431	5.111	32.390 #
38)	L8 AR-1262-3	0.000	6.849	0	5373827	N.D.	5.929 #
39)	L8 AR-1262-4	0.000	7.098	0	4268431	N.D.	5.368 #
40)	L8 AR-1262-5	0.000	7.334	0	9562910	N.D.	5.695 #
41)	L9 AR-1268-1	0.000	7.594	0	1851245	N.D.	1.020 #

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 Operator : UA/SM
 Sample : J2799-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

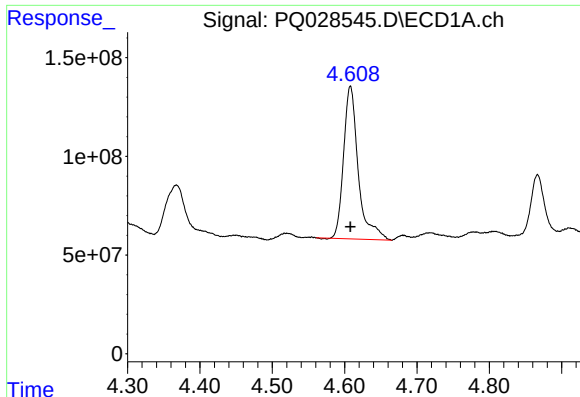
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 09:11:00 2018
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 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	7.686	0	572738	N.D.	0.323 #
43) L9	AR-1268-3	0.000	7.882	0	4354614	N.D.	3.163 #
44) L9	AR-1268-4	0.000	8.184	0	3643546	N.D.	5.791 #
45) L9	AR-1268-5	0.000	8.464	0	3331742	N.D.	0.757 #

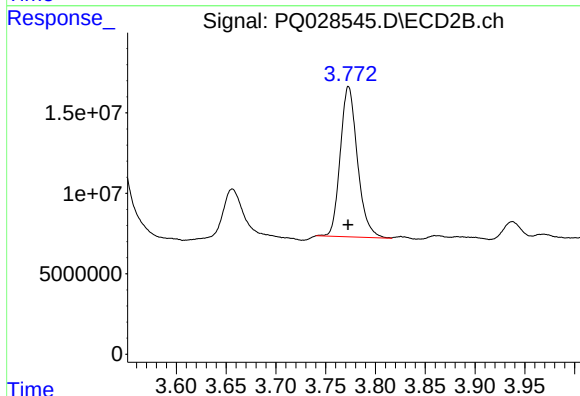
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

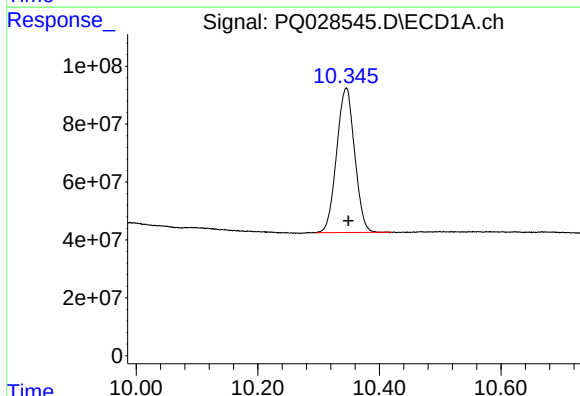
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 1090697825
Conc: 13.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



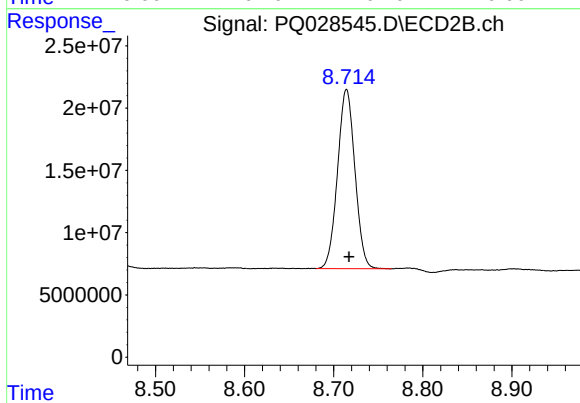
#1 Tetrachloro-m-xylene

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 112219027
Conc: 12.55 ng/ml



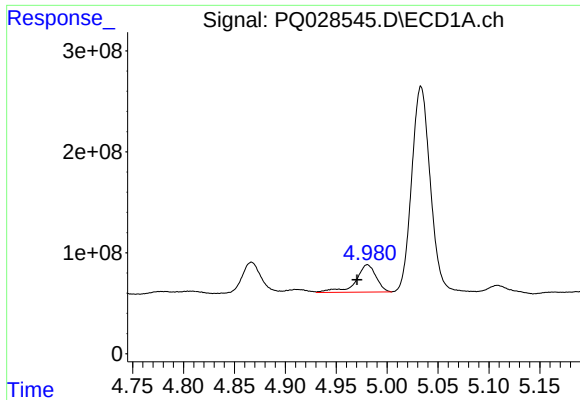
#2 Decachlorobiphenyl

R.T.: 10.345 min
Delta R.T.: -0.004 min
Response: 1025069431
Conc: 16.81 ng/ml



#2 Decachlorobiphenyl

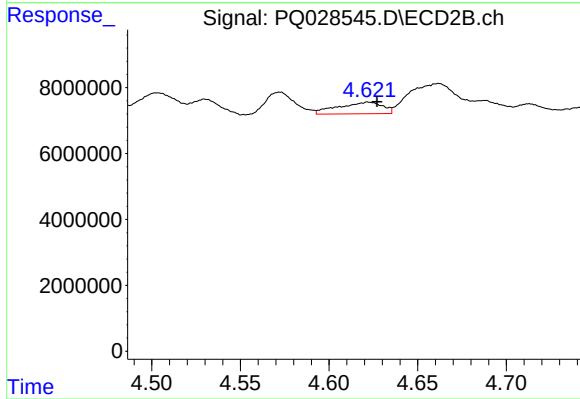
R.T.: 8.714 min
Delta R.T.: -0.003 min
Response: 195210062
Conc: 16.81 ng/ml



#3 AR-1016-1

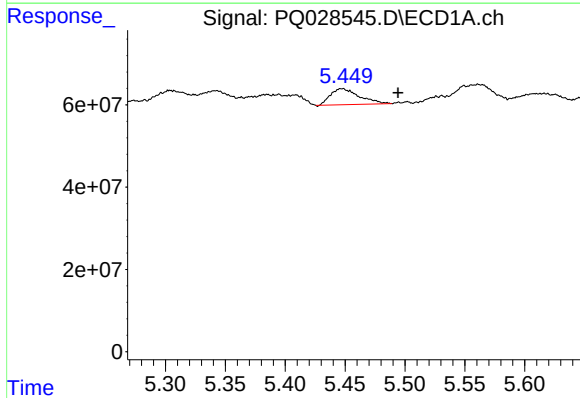
R.T.: 4.981 min
Delta R.T.: 0.010 min
Response: 377940492
Conc: 285.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



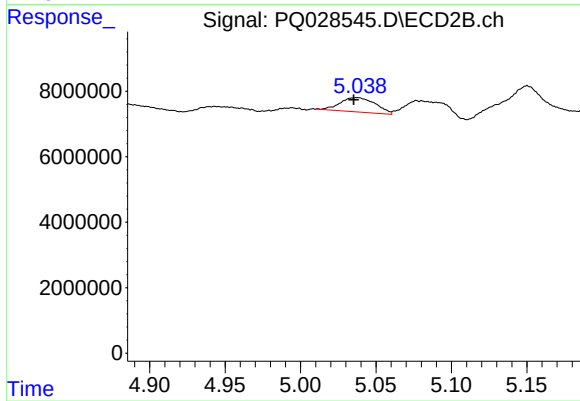
#3 AR-1016-1

R.T.: 4.622 min
Delta R.T.: -0.005 min
Response: 6094799
Conc: 24.97 ng/ml



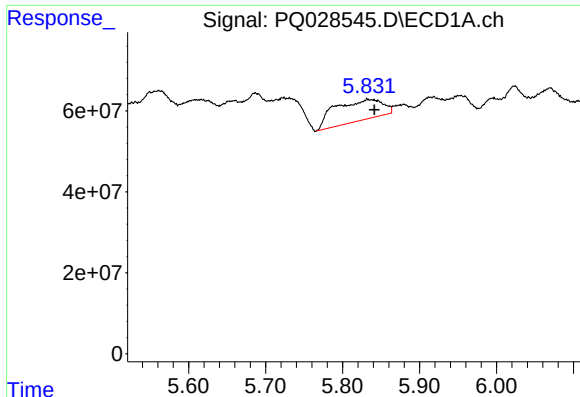
#4 AR-1016-2

R.T.: 5.448 min
Delta R.T.: -0.047 min
Response: 65208123
Conc: 32.71 ng/ml



#4 AR-1016-2

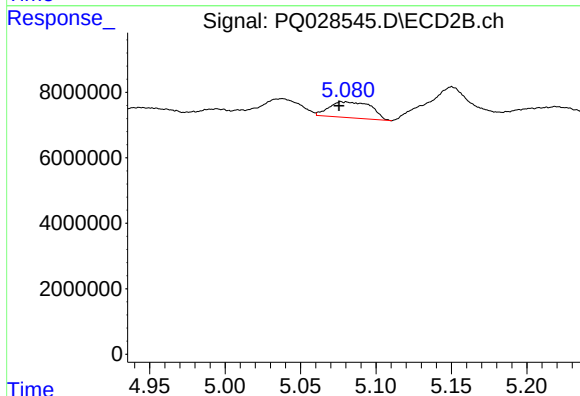
R.T.: 5.038 min
Delta R.T.: 0.003 min
Response: 7180484
Conc: 26.20 ng/ml



#5 AR-1016-3

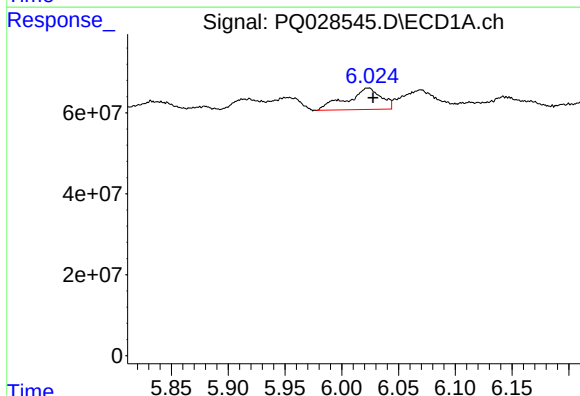
R.T.: 5.834 min
Delta R.T.: -0.007 min
Response: 222657683
Conc: 81.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



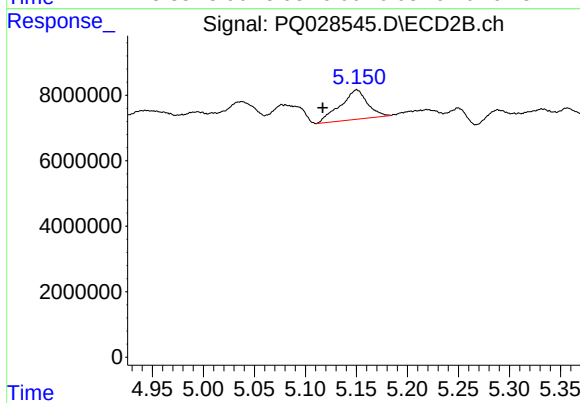
#5 AR-1016-3

R.T.: 5.077 min
Delta R.T.: 0.002 min
Response: 9451443
Conc: 44.28 ng/ml



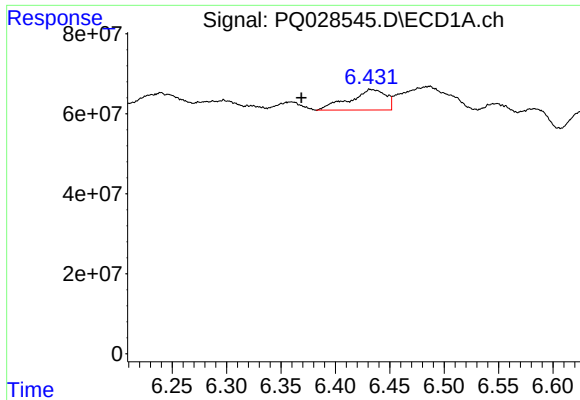
#6 AR-1016-4

R.T.: 6.023 min
Delta R.T.: -0.004 min
Response: 110333842
Conc: 60.45 ng/ml



#6 AR-1016-4

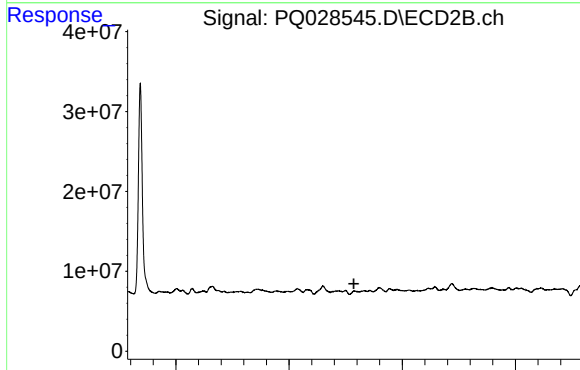
R.T.: 5.150 min
Delta R.T.: 0.033 min
Response: 16750529
Conc: 64.12 ng/ml



#7 AR-1016-5

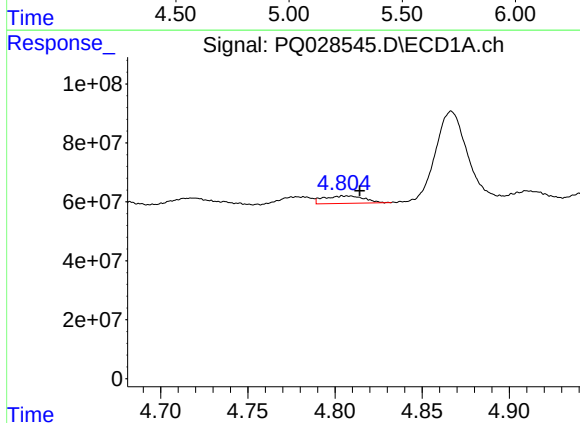
R.T.: 6.434 min
Delta R.T.: 0.065 min
Response: 119512666
Conc: 49.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



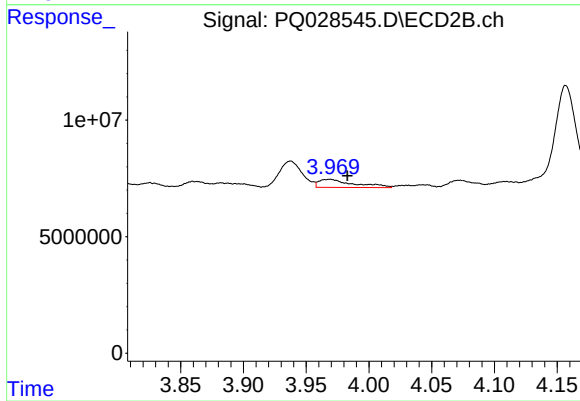
#7 AR-1016-5

R.T.: 5.289 min
Delta R.T.: 0.002 min
Response: -3858045
Conc: N.D.



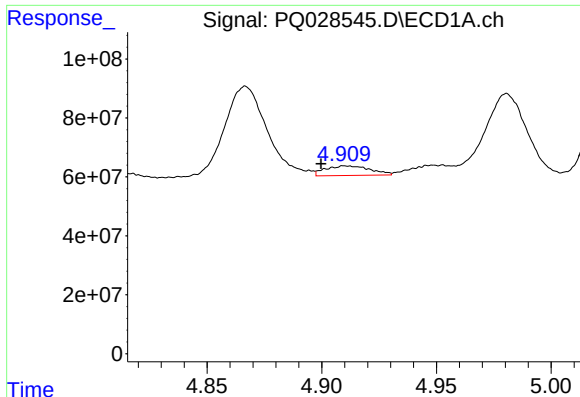
#8 AR-1221-1

R.T.: 4.807 min
Delta R.T.: -0.008 min
Response: 40898549
Conc: 22.21 ng/ml



#8 AR-1221-1

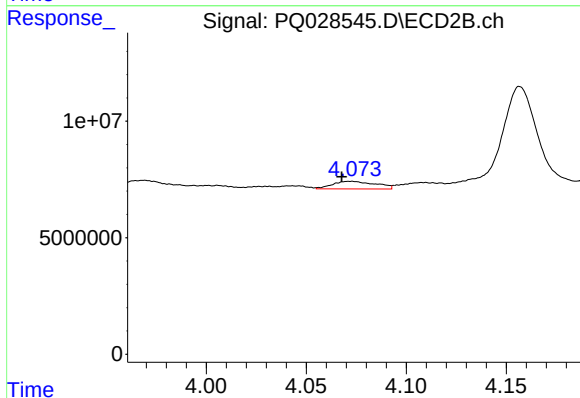
R.T.: 3.969 min
Delta R.T.: -0.014 min
Response: 6767047
Conc: 33.87 ng/ml



#9 AR-1221-2

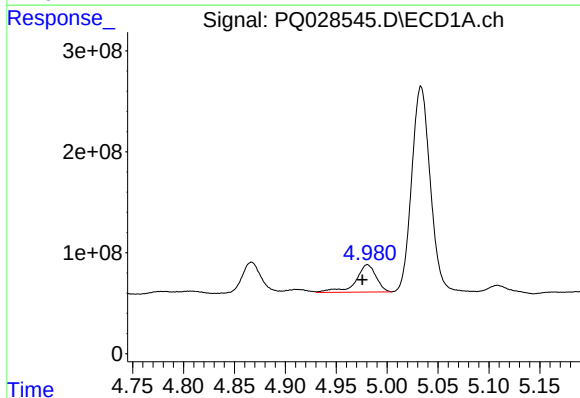
R.T.: 4.911 min
Delta R.T.: 0.012 min
Response: 44492116
Conc: 34.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



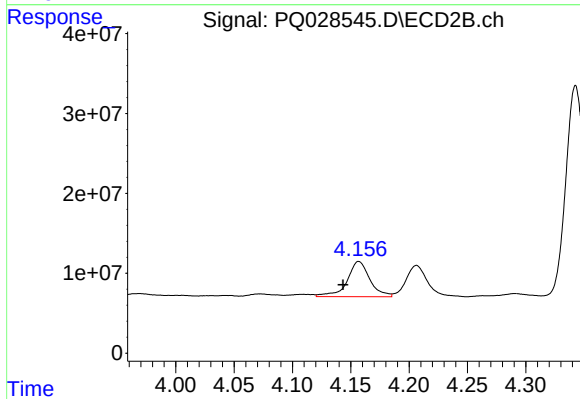
#9 AR-1221-2

R.T.: 4.072 min
Delta R.T.: 0.005 min
Response: 4895461
Conc: 32.85 ng/ml



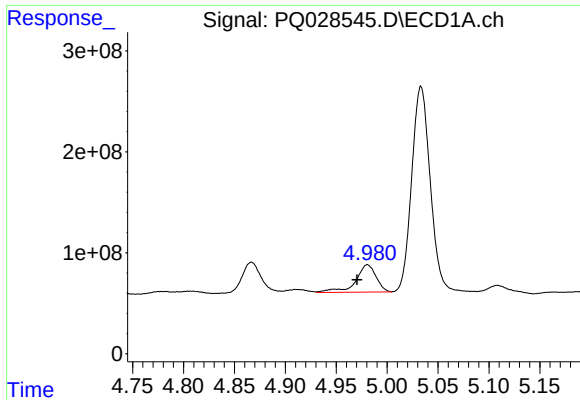
#10 AR-1221-3

R.T.: 4.981 min
Delta R.T.: 0.005 min
Response: 377940492
Conc: 90.26 ng/ml



#10 AR-1221-3

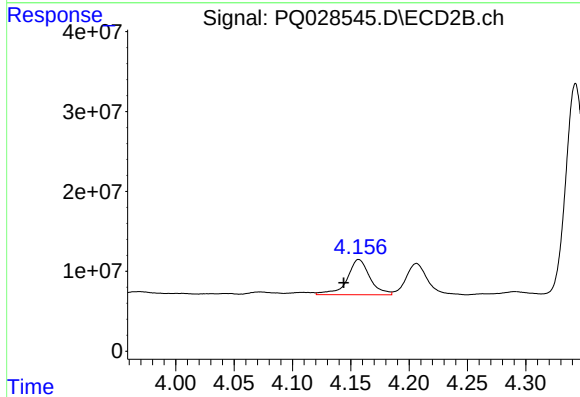
R.T.: 4.157 min
Delta R.T.: 0.013 min
Response: 59620568
Conc: 129.81 ng/ml



#11 AR-1232-1

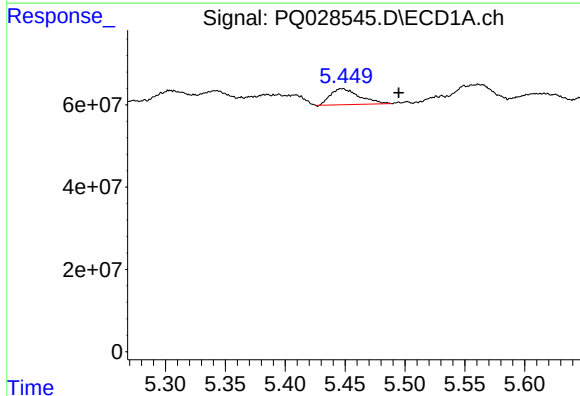
R.T.: 4.981 min
Delta R.T.: 0.010 min
Response: 377940492
Conc: 223.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



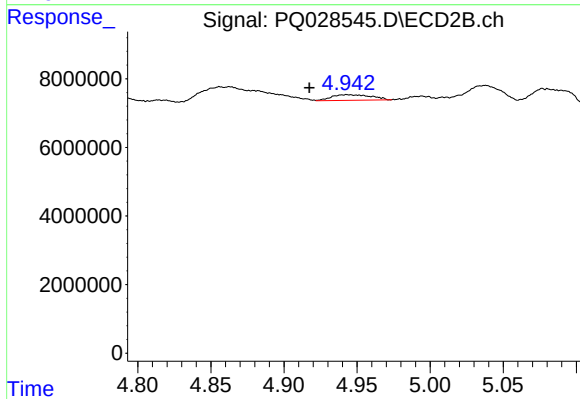
#11 AR-1232-1

R.T.: 4.157 min
Delta R.T.: 0.013 min
Response: 59620568
Conc: 283.76 ng/ml



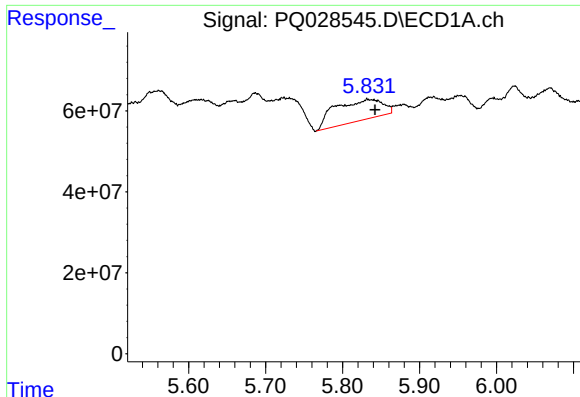
#12 AR-1232-2

R.T.: 5.448 min
Delta R.T.: -0.047 min
Response: 65208123
Conc: 62.27 ng/ml



#12 AR-1232-2

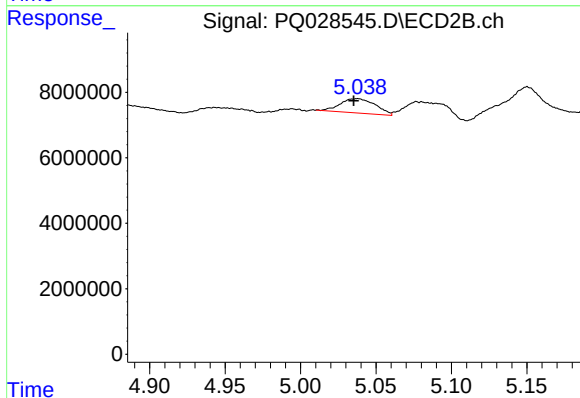
R.T.: 4.944 min
Delta R.T.: 0.026 min
Response: 3088361
Conc: 16.65 ng/ml



#13 AR-1232-3

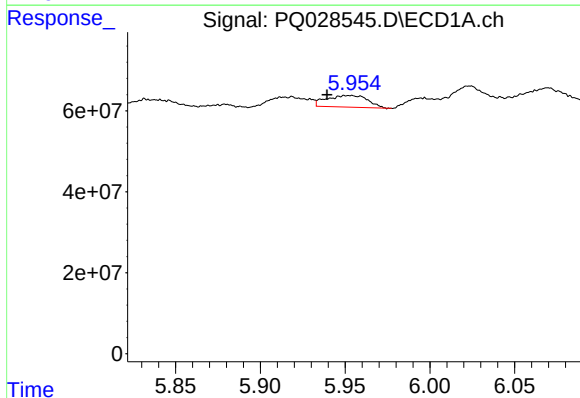
R.T.: 5.834 min
Delta R.T.: -0.008 min
Response: 222657683
Conc: 149.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



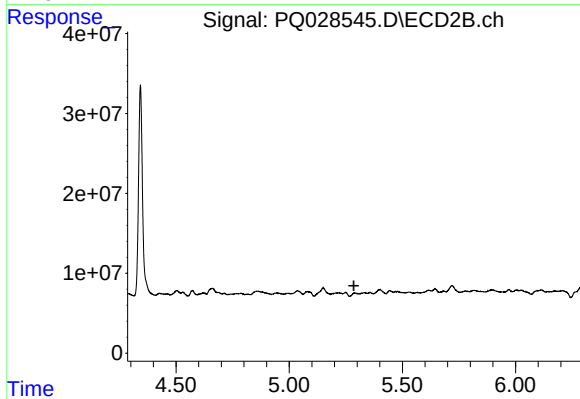
#13 AR-1232-3

R.T.: 5.038 min
Delta R.T.: 0.003 min
Response: 7180484
Conc: 51.78 ng/ml



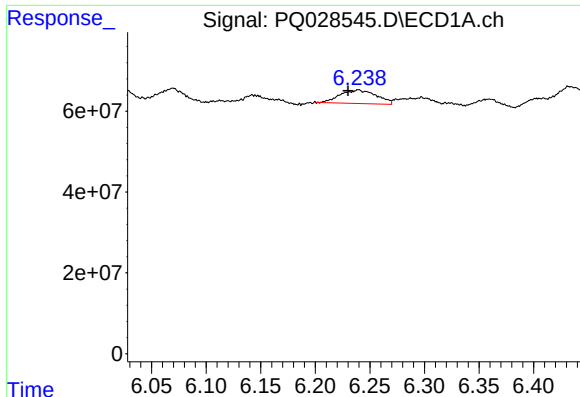
#14 AR-1232-4

R.T.: 5.952 min
Delta R.T.: 0.013 min
Response: 48495216
Conc: 39.18 ng/ml



#14 AR-1232-4

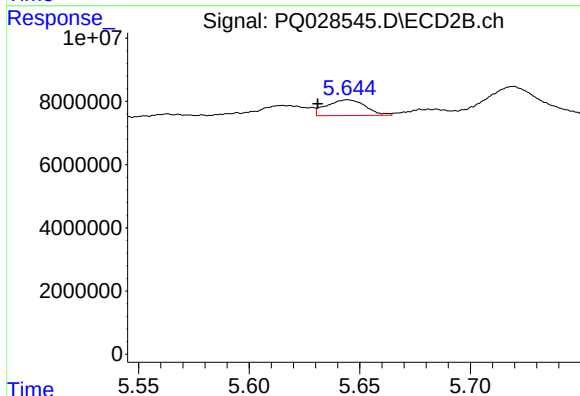
R.T.: 5.289 min
Delta R.T.: 0.003 min
Response: -3858045
Conc: N.D.



#15 AR-1232-5

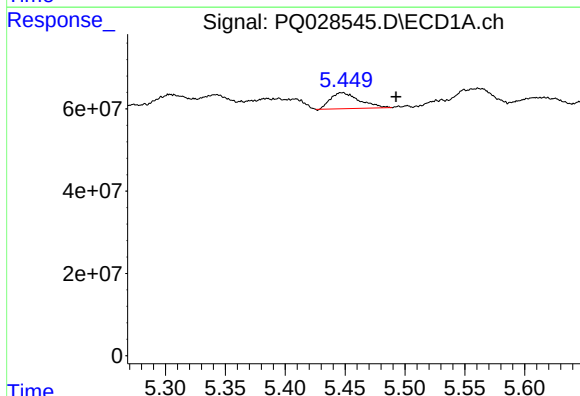
R.T.: 6.239 min
Delta R.T.: 0.009 min
Response: 77233759
Conc: 73.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



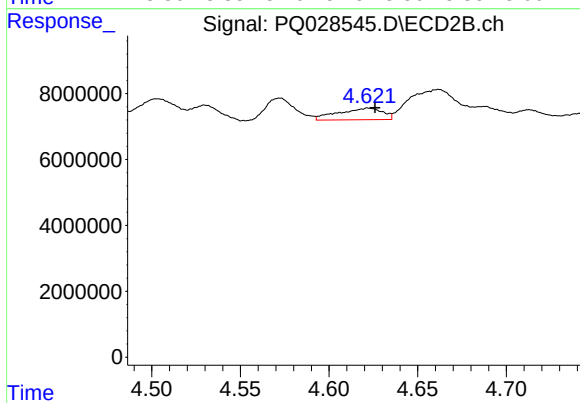
#15 AR-1232-5

R.T.: 5.645 min
Delta R.T.: 0.014 min
Response: 6115375
Conc: 37.45 ng/ml



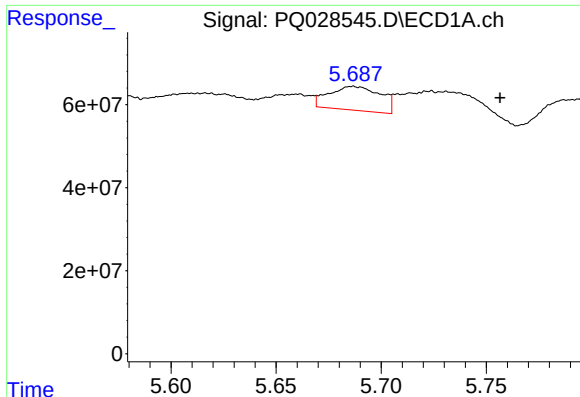
#16 AR-1242-1

R.T.: 5.448 min
Delta R.T.: -0.045 min
Response: 65208123
Conc: 42.46 ng/ml



#16 AR-1242-1

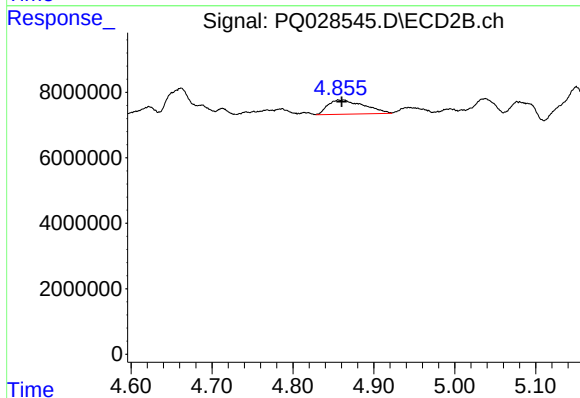
R.T.: 4.622 min
Delta R.T.: -0.004 min
Response: 6094799
Conc: 31.35 ng/ml



#17 AR-1242-2

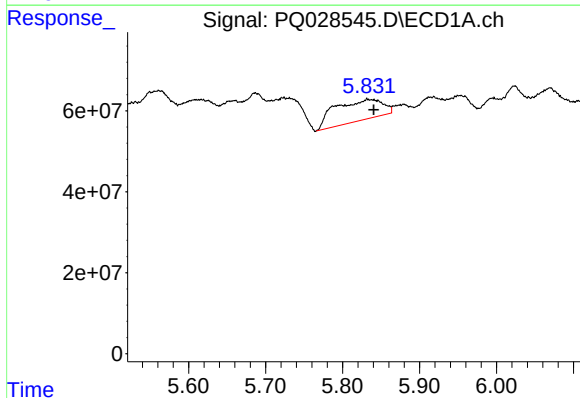
R.T.: 5.687 min
Delta R.T.: -0.069 min
Response: 98230260
Conc: 41.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



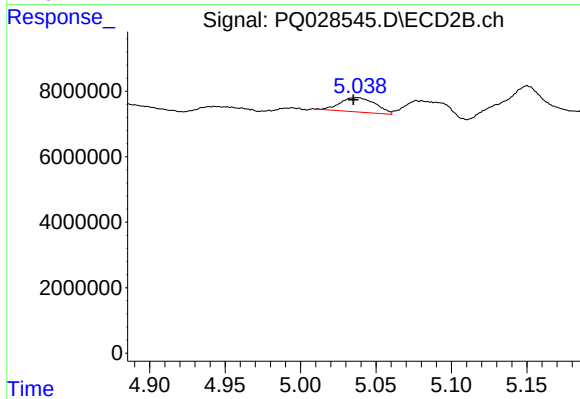
#17 AR-1242-2

R.T.: 4.863 min
Delta R.T.: 0.002 min
Response: 13483408
Conc: 29.63 ng/ml



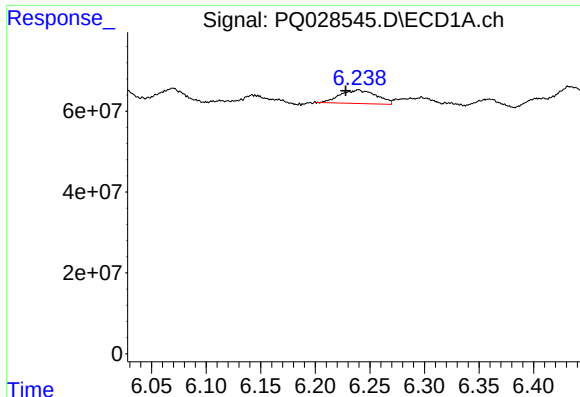
#18 AR-1242-3

R.T.: 5.834 min
Delta R.T.: -0.006 min
Response: 222657683
Conc: 103.70 ng/ml



#18 AR-1242-3

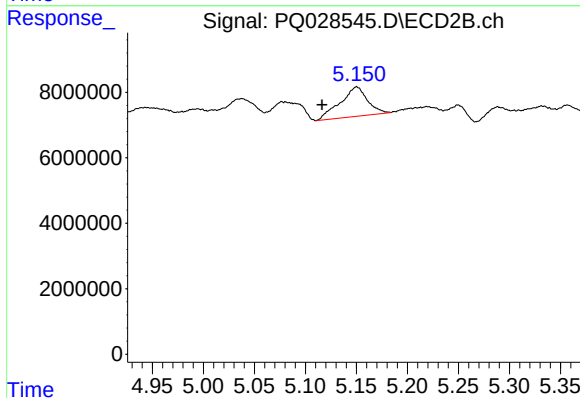
R.T.: 5.038 min
Delta R.T.: 0.003 min
Response: 7180484
Conc: 34.58 ng/ml



#19 AR-1242-4

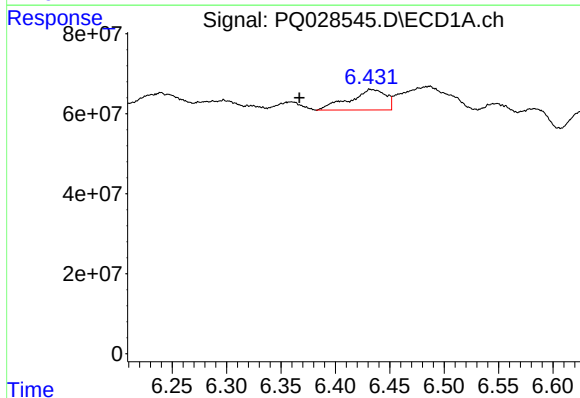
R.T.: 6.239 min
Delta R.T.: 0.012 min
Response: 77233759
Conc: 43.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



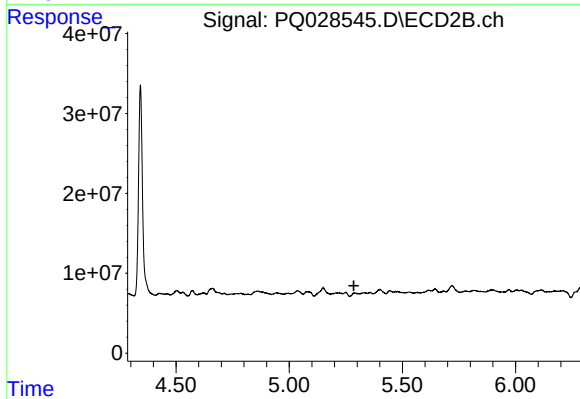
#19 AR-1242-4

R.T.: 5.150 min
Delta R.T.: 0.034 min
Response: 16750529
Conc: 82.93 ng/ml



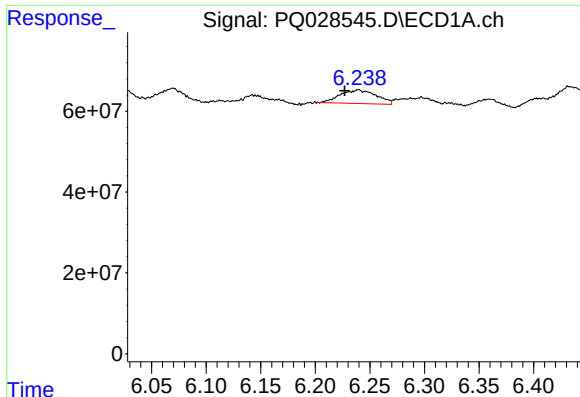
#20 AR-1242-5

R.T.: 6.434 min
Delta R.T.: 0.067 min
Response: 119512666
Conc: 61.55 ng/ml



#20 AR-1242-5

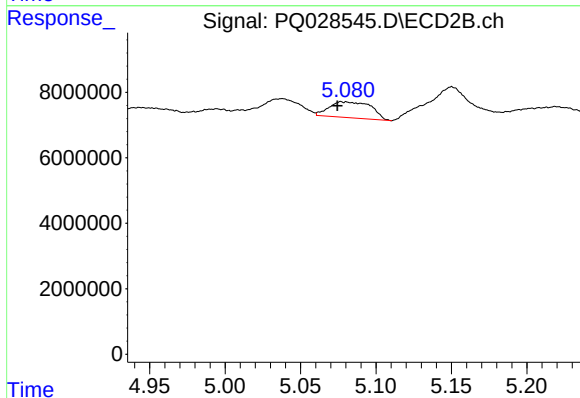
R.T.: 5.289 min
Delta R.T.: 0.003 min
Response: -3858045
Conc: N.D.



#21 AR-1248-1

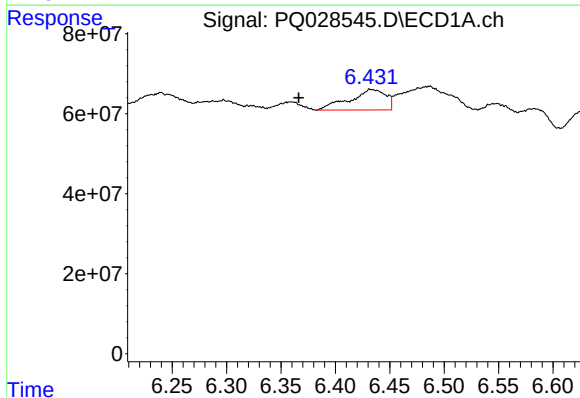
R.T.: 6.239 min
Delta R.T.: 0.012 min
Response: 77233759
Conc: 24.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



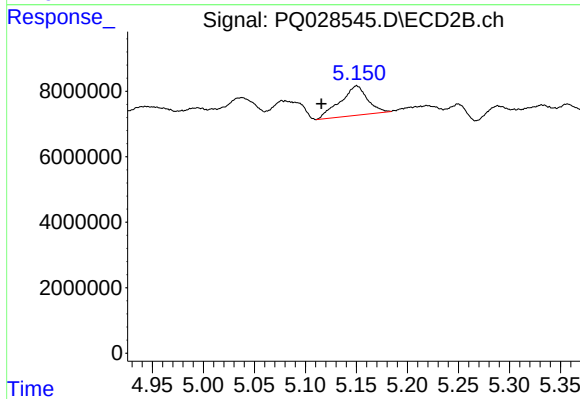
#21 AR-1248-1

R.T.: 5.077 min
Delta R.T.: 0.003 min
Response: 9451443
Conc: 32.02 ng/ml



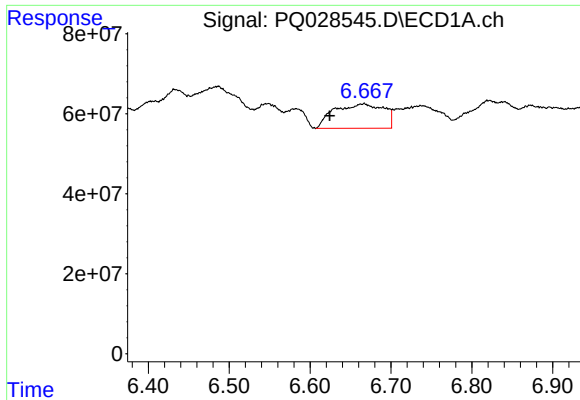
#22 AR-1248-2

R.T.: 6.434 min
Delta R.T.: 0.068 min
Response: 119512666
Conc: 42.87 ng/ml



#22 AR-1248-2

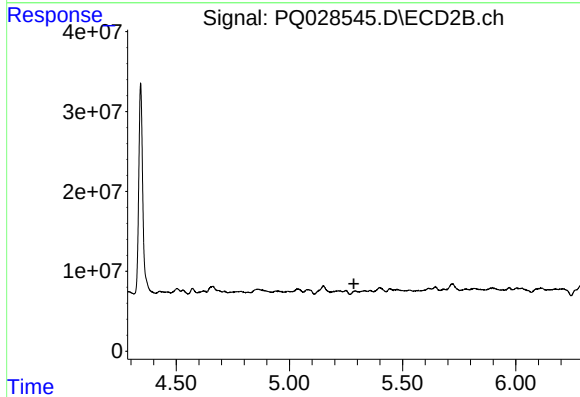
R.T.: 5.150 min
Delta R.T.: 0.035 min
Response: 16750529
Conc: 54.41 ng/ml



#23 AR-1248-3

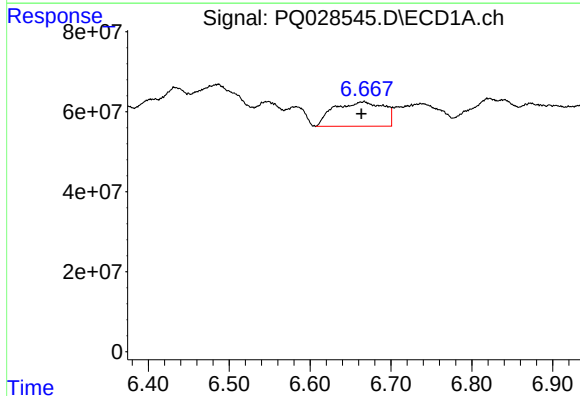
R.T.: 6.666 min
Delta R.T.: 0.041 min
Response: 260511129
Conc: 65.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



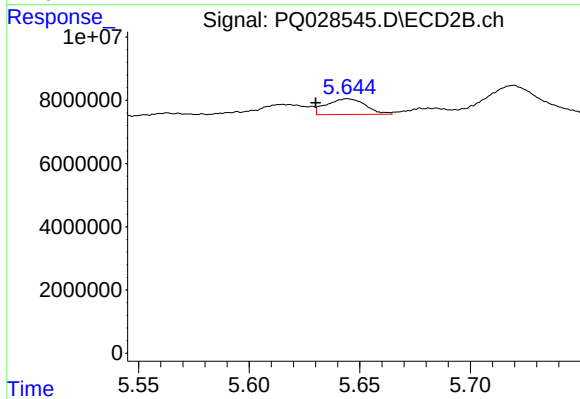
#23 AR-1248-3

R.T.: 5.289 min
Delta R.T.: 0.004 min
Response: -3858045
Conc: N.D.



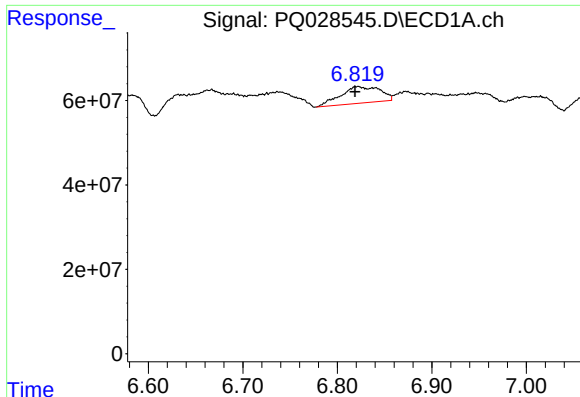
#24 AR-1248-4

R.T.: 6.666 min
Delta R.T.: 0.002 min
Response: 260511129
Conc: 71.04 ng/ml



#24 AR-1248-4

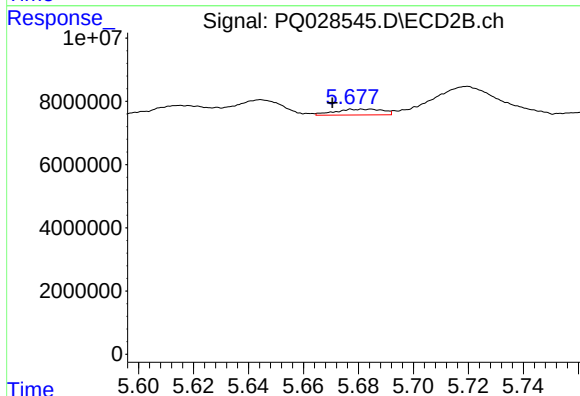
R.T.: 5.645 min
Delta R.T.: 0.014 min
Response: 6115375
Conc: 10.89 ng/ml



#25 AR-1248-5

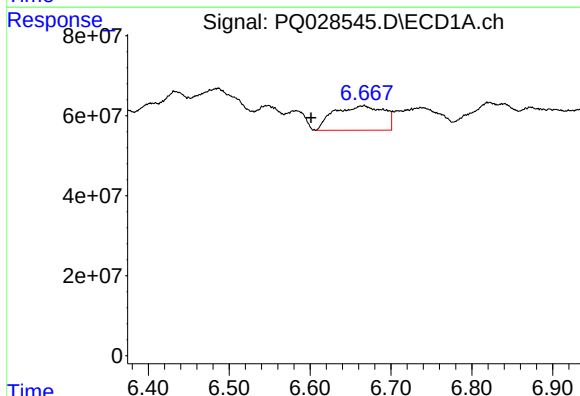
R.T.: 6.822 min
Delta R.T.: 0.003 min
Response: 113761667
Conc: 31.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



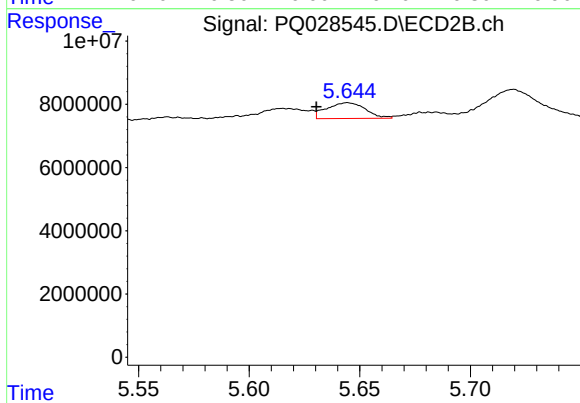
#25 AR-1248-5

R.T.: 5.684 min
Delta R.T.: 0.013 min
Response: 2198558
Conc: 5.33 ng/ml



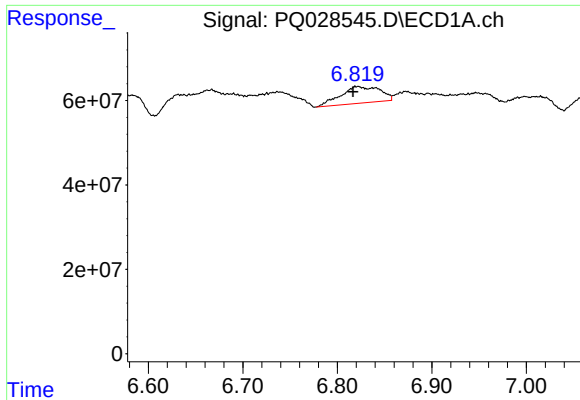
#26 AR-1254-1

R.T.: 6.666 min
Delta R.T.: 0.064 min
Response: 260511129
Conc: 75.28 ng/ml



#26 AR-1254-1

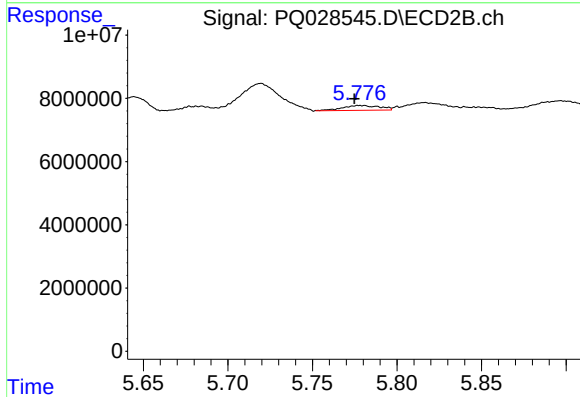
R.T.: 5.645 min
Delta R.T.: 0.014 min
Response: 6115375
Conc: 11.40 ng/ml



#27 AR-1254-2

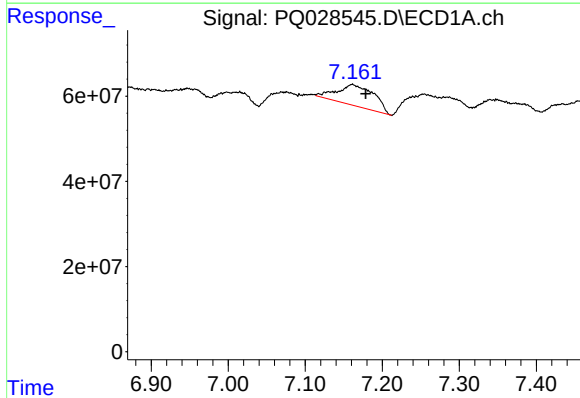
R.T.: 6.822 min
Delta R.T.: 0.005 min
Response: 113761667
Conc: 21.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



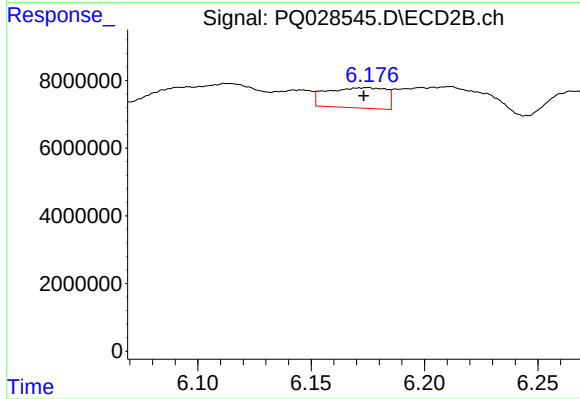
#27 AR-1254-2

R.T.: 5.778 min
Delta R.T.: 0.004 min
Response: 2324358
Conc: 5.07 ng/ml



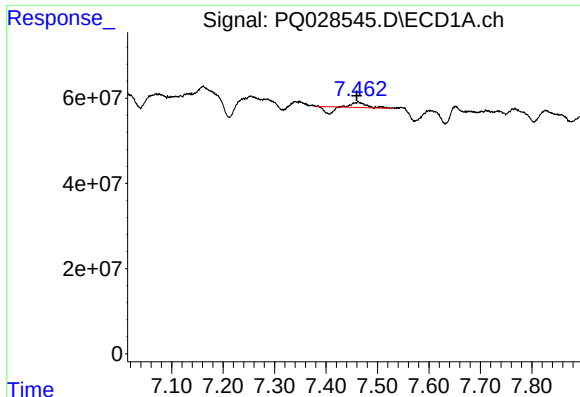
#28 AR-1254-3

R.T.: 7.161 min
Delta R.T.: -0.017 min
Response: 166952545
Conc: 28.05 ng/ml



#28 AR-1254-3

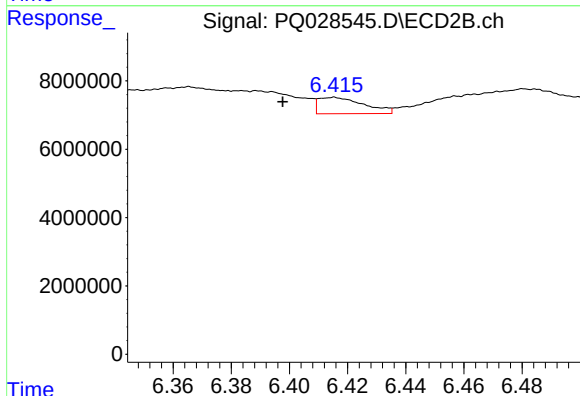
R.T.: 6.175 min
Delta R.T.: 0.001 min
Response: 10843522
Conc: 13.68 ng/ml



#29 AR-1254-4

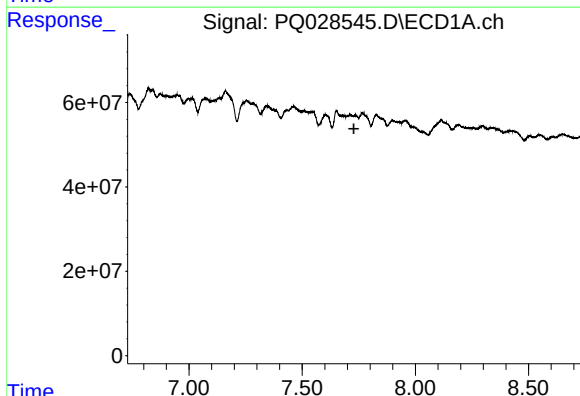
R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 7040548
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



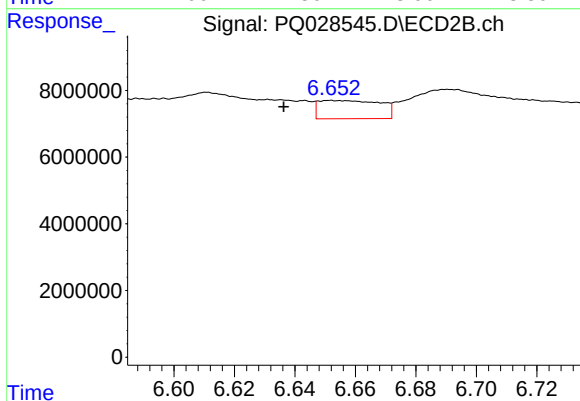
#29 AR-1254-4

R.T.: 6.415 min
Delta R.T.: 0.017 min
Response: 5198761
Conc: 9.54 ng/ml



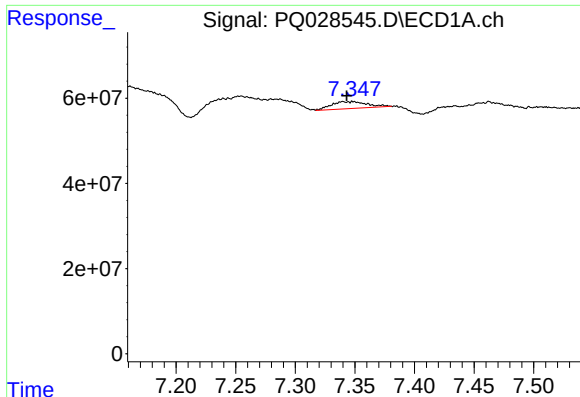
#30 AR-1254-5

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



#30 AR-1254-5

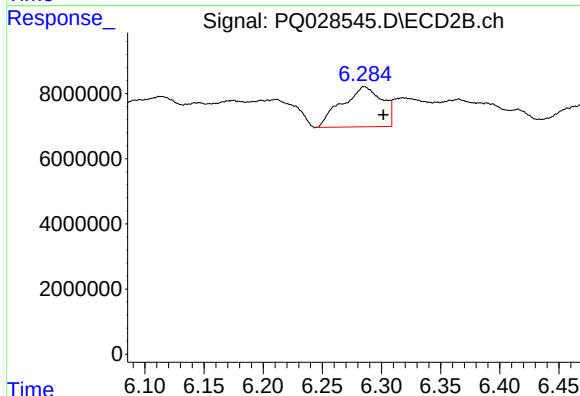
R.T.: 6.652 min
Delta R.T.: 0.016 min
Response: 7739221
Conc: 22.36 ng/ml



#31 AR-1260-1

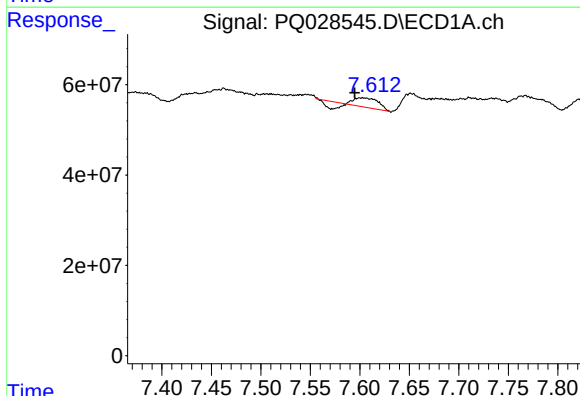
R.T.: 7.347 min
Delta R.T.: 0.004 min
Response: 32722941
Conc: 7.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



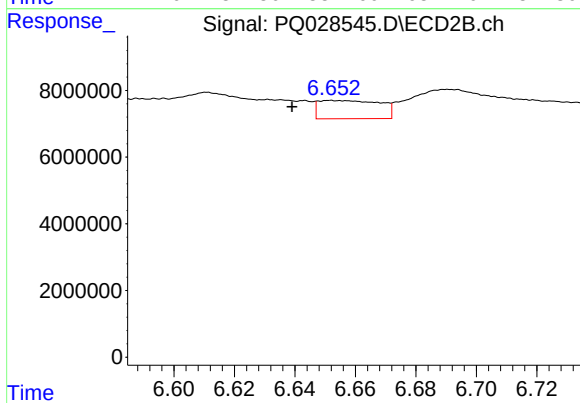
#31 AR-1260-1

R.T.: 6.286 min
Delta R.T.: -0.016 min
Response: 29196756
Conc: 47.34 ng/ml



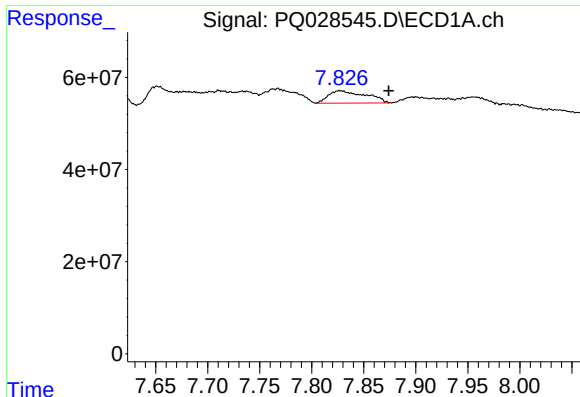
#32 AR-1260-2

R.T.: 7.603 min
Delta R.T.: 0.008 min
Response: 26744402
Conc: 4.40 ng/ml



#32 AR-1260-2

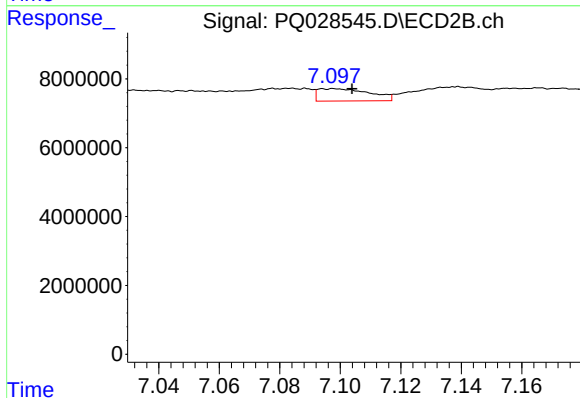
R.T.: 6.652 min
Delta R.T.: 0.013 min
Response: 7739221
Conc: 10.93 ng/ml



#33 AR-1260-3

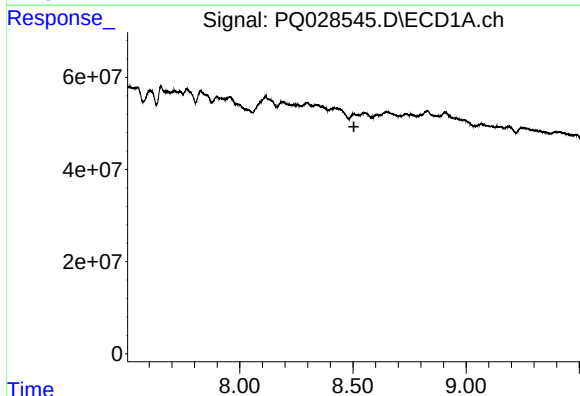
R.T.: 7.827 min
Delta R.T.: -0.047 min
Response: 66461034
Conc: 10.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



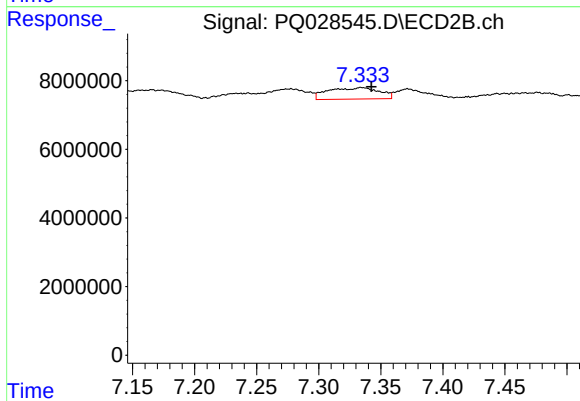
#33 AR-1260-3

R.T.: 7.098 min
Delta R.T.: -0.006 min
Response: 4268431
Conc: 7.20 ng/ml



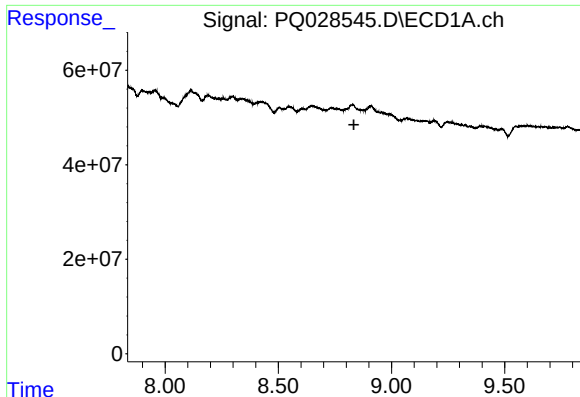
#34 AR-1260-4

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



#34 AR-1260-4

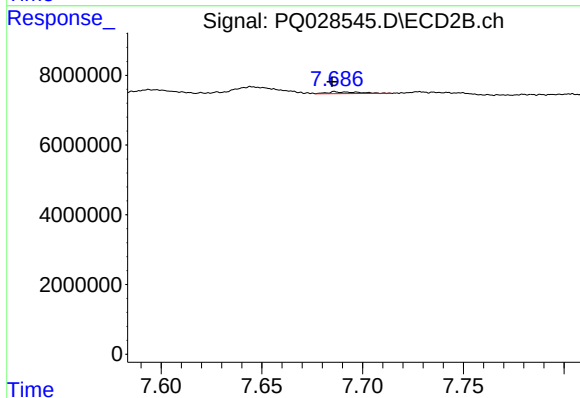
R.T.: 7.334 min
Delta R.T.: -0.008 min
Response: 9562910
Conc: 6.54 ng/ml



#35 AR-1260-5

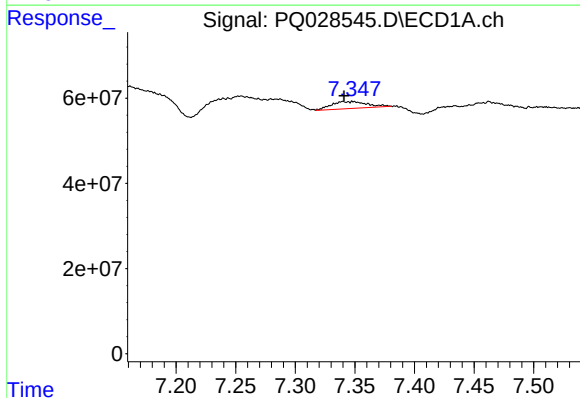
R.T.: 0.000 min
Exp R.T.: 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



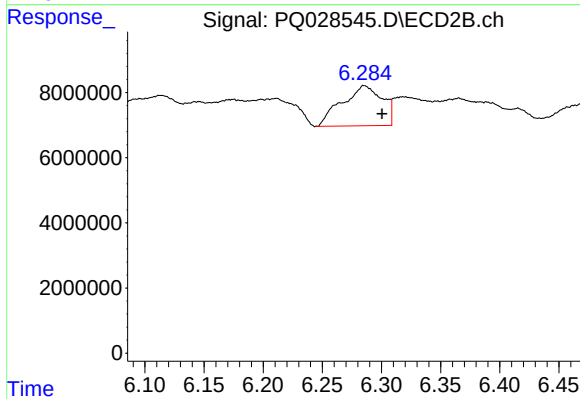
#35 AR-1260-5

R.T.: 7.686 min
Delta R.T.: 0.002 min
Response: 572738
Conc: 0.55 ng/ml



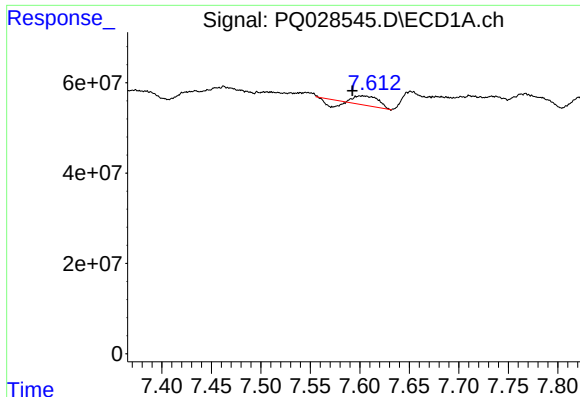
#36 AR-1262-1

R.T.: 7.347 min
Delta R.T.: 0.006 min
Response: 32722941
Conc: 8.71 ng/ml



#36 AR-1262-1

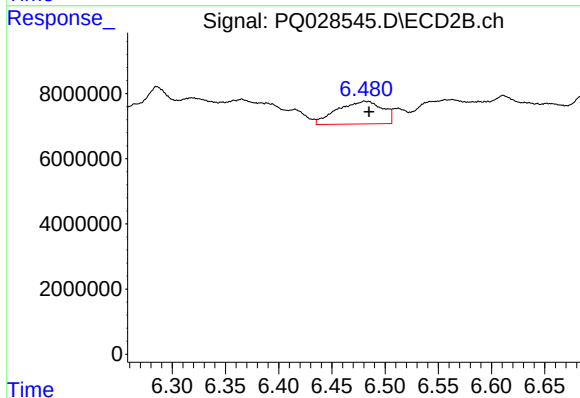
R.T.: 6.286 min
Delta R.T.: -0.015 min
Response: 29196756
Conc: 58.31 ng/ml



#37 AR-1262-2

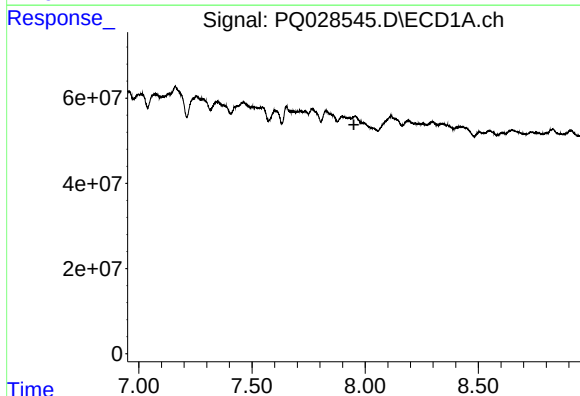
R.T.: 7.603 min
Delta R.T.: 0.010 min
Response: 26744402
Conc: 5.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



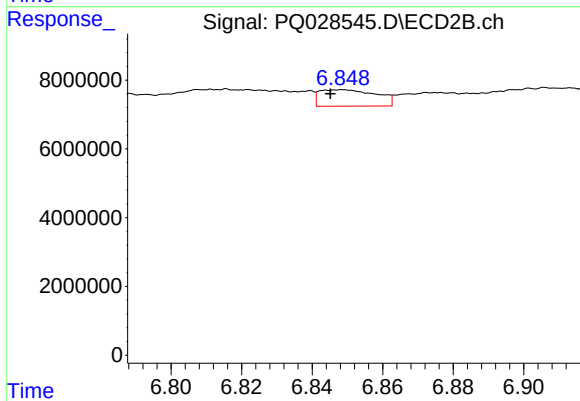
#37 AR-1262-2

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 20666431
Conc: 32.39 ng/ml



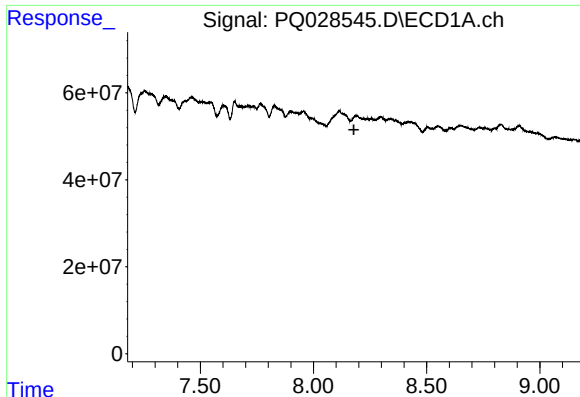
#38 AR-1262-3

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



#38 AR-1262-3

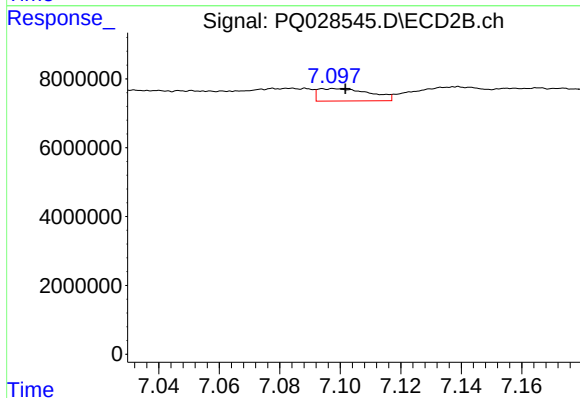
R.T.: 6.849 min
Delta R.T.: 0.003 min
Response: 5373827
Conc: 5.93 ng/ml



#39 AR-1262-4

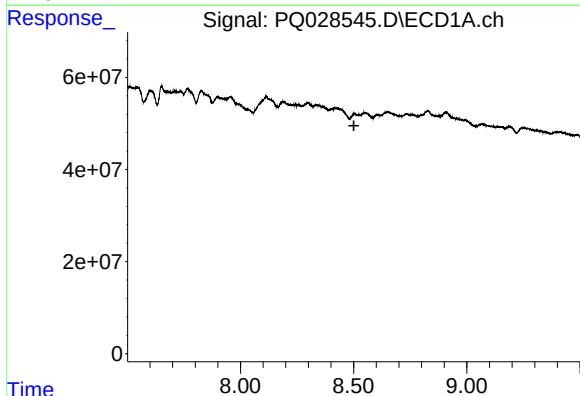
R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



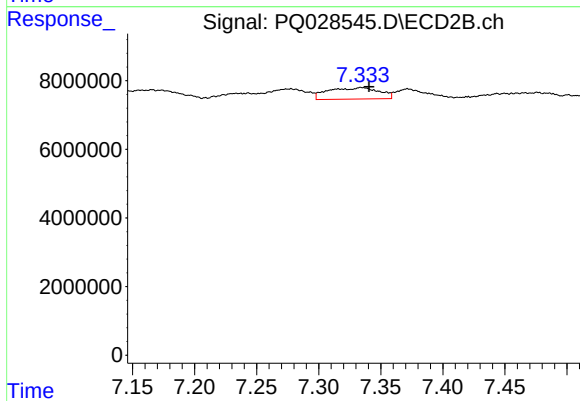
#39 AR-1262-4

R.T.: 7.098 min
Delta R.T.: -0.004 min
Response: 4268431
Conc: 5.37 ng/ml



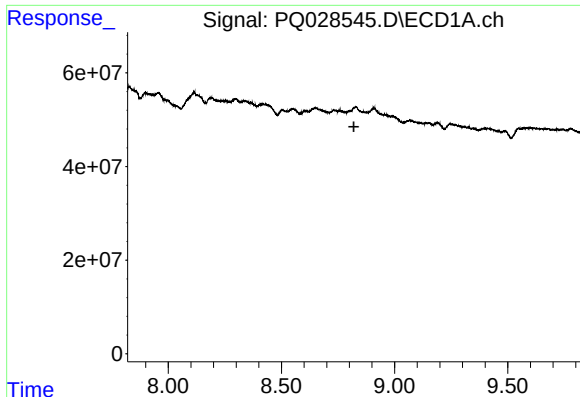
#40 AR-1262-5

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



#40 AR-1262-5

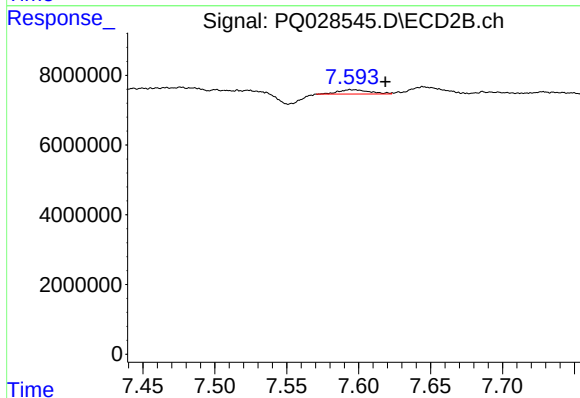
R.T.: 7.334 min
Delta R.T.: -0.006 min
Response: 9562910
Conc: 5.69 ng/ml



#41 AR-1268-1

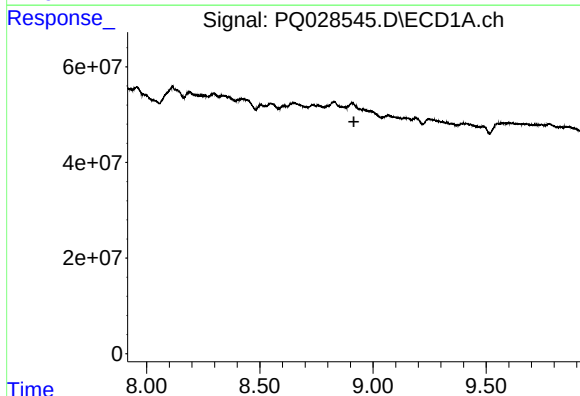
R.T.: 0.000 min
Exp R.T.: 8.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



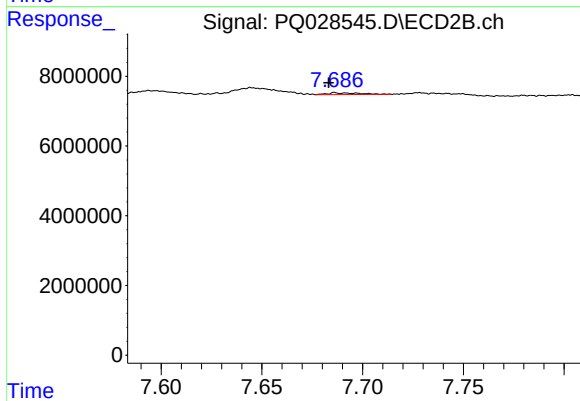
#41 AR-1268-1

R.T.: 7.594 min
Delta R.T.: -0.024 min
Response: 1851245
Conc: 1.02 ng/ml



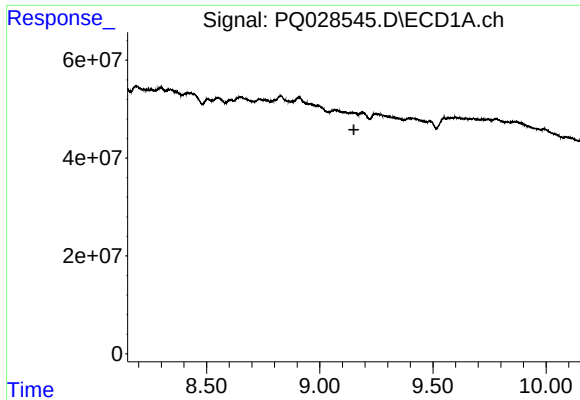
#42 AR-1268-2

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



#42 AR-1268-2

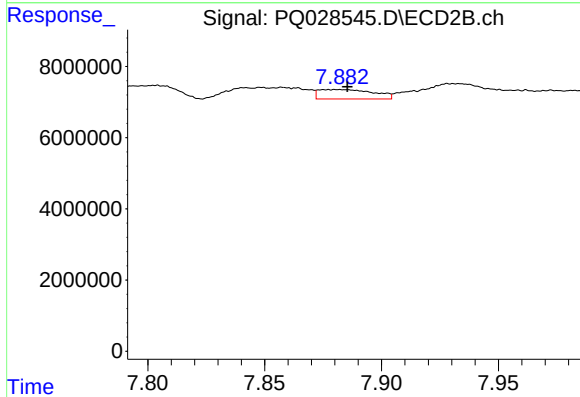
R.T.: 7.686 min
Delta R.T.: 0.003 min
Response: 572738
Conc: 0.32 ng/ml



#43 AR-1268-3

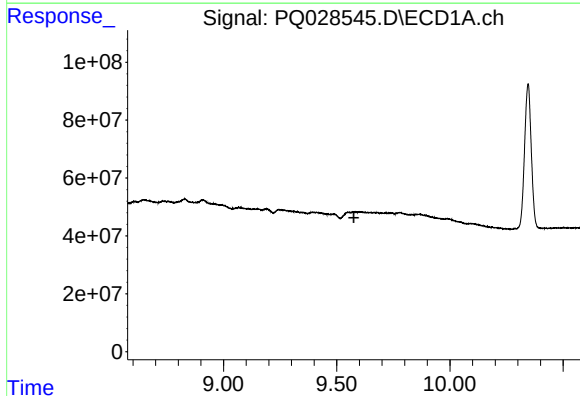
R.T.: 0.000 min
Exp R.T.: 9.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



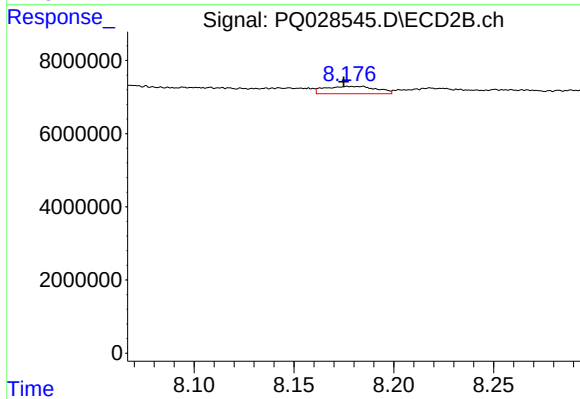
#43 AR-1268-3

R.T.: 7.882 min
Delta R.T.: -0.004 min
Response: 4354614
Conc: 3.16 ng/ml



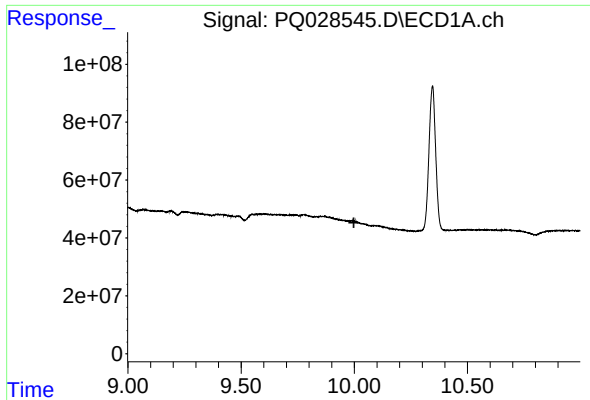
#44 AR-1268-4

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



#44 AR-1268-4

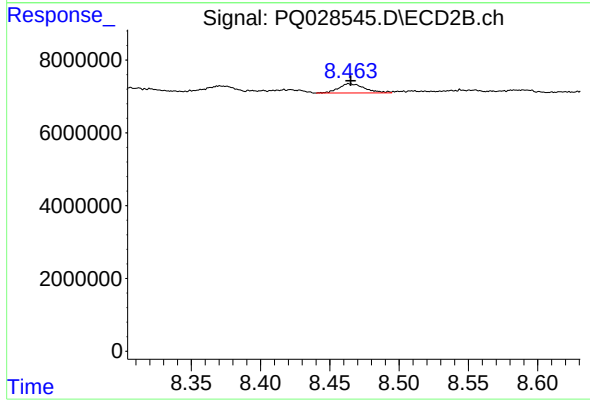
R.T.: 8.184 min
Delta R.T.: 0.009 min
Response: 3643546
Conc: 5.79 ng/ml



#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: 3331742
Conc: 0.76 ng/ml