

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121923\
 Data File : PQ064576.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 08:57
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 12:58:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 2023
 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...	3.479	2.756	170329	332747	0.041	0.079 #
2)	SA Decachlor...	8.685	7.577	140726	5181944	0.048	1.284 #
Target Compounds							
3)	L1 AR-1016-1	4.564	3.797	148902	221576	1.169	1.823 #
4)	L1 AR-1016-2	4.587	3.797	168100	221576	0.876	1.209 #
5)	L1 AR-1016-3	4.623f	3.966	378799	238241	3.192	2.448
6)	L1 AR-1016-4	4.695f	4.009	474623	173041	5.110	2.072 #
7)	L1 AR-1016-5	5.027	4.203	176536	500993	1.812	4.949 #
8)	L2 AR-1221-1	3.666	3.003f	133368	326101	2.627	5.759 #
9)	L2 AR-1221-2	3.748	3.052	428259	55012	11.689	1.306 #
10)	L2 AR-1221-3	3.809	3.135	908549	905490	8.034	7.110
11)	L3 AR-1232-1	3.809	3.135	908549	905490	10.527	9.400
12)	L3 AR-1232-2	4.317	3.797	448147	221576	9.187	2.651 #
13)	L3 AR-1232-3	4.587	3.966	168100	238241	1.969	5.351 #
14)	L3 AR-1232-4	4.695f	4.031	474623	542433	11.521	14.199
15)	L3 AR-1232-5	4.819	4.203	291607	500993	9.537	11.772
16)	L4 AR-1242-1	4.564	3.797	148902	221576	1.437	2.135 #
17)	L4 AR-1242-2	4.587	3.797	168100	221576	1.084	1.434 #
18)	L4 AR-1242-3	4.623f	3.966	378799	238241	3.911	2.905 #
19)	L4 AR-1242-4	4.695f	4.031	474623	542433	6.243	6.952
20)	L4 AR-1242-5	5.451	4.546	562529	1445245	6.776	14.987 #
21)	L5 AR-1248-1	4.564	3.770	148902	23547	1.912	0.291 #
22)	L5 AR-1248-2	4.819	4.009	291607	173041	2.613	1.412 #
23)	L5 AR-1248-3	5.027	4.031	176536	542433	1.326	4.648 #
24)	L5 AR-1248-4	5.419	4.203	1000182	500993	6.988	3.574 #
25)	L5 AR-1248-5	5.451	4.580	562529	392428	4.012	2.949 #
26)	L6 AR-1254-1	5.384	4.546	154013	1445245	1.006	6.902 #
27)	L6 AR-1254-2	5.641	4.689	1006833	1937502	4.312	10.474 #
28)	L6 AR-1254-3	5.961	5.074	609137	1586139	2.478	5.607 #
29)	L6 AR-1254-4	6.285	5.300	2390762	1698548	13.760	9.149 #
30)	L6 AR-1254-5	6.670	5.714	721360	3365468	3.738	12.962 #
31)	L7 AR-1260-1	6.156	5.205	1253156	2340932	6.692	12.105 #
32)	L7 AR-1260-2	6.388	5.395	935335	2363677	4.314	10.156 #
33)	L7 AR-1260-3	6.762	5.543	719424	1432068	4.414	6.588 #
34)	L7 AR-1260-4	6.967	6.008	607406	1378681	3.541	7.485 #
35)	L7 AR-1260-5	7.285	6.251	733181	6183370	2.170	14.260 #
36)	L8 AR-1262-1	6.762	5.804	719424	601323	2.924	5.279 #
37)	L8 AR-1262-2	7.285	6.008	733181	1378681	1.829	5.412 #
38)	L8 AR-1262-3	7.572	6.526	944874	516793	3.493	2.295 #
39)	L8 AR-1262-4	7.648	6.591	679705	2476816	3.221	5.723 #
40)	L8 AR-1262-5	8.139	7.094	684977	1362063	5.026	5.189
41)	L9 AR-1268-1	7.572	6.526	944874	516793	1.976	0.785 #

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 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

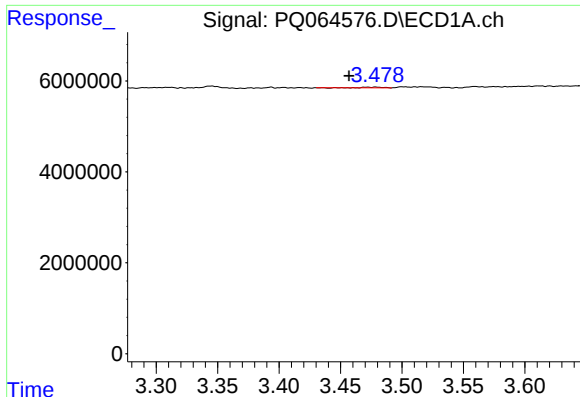
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 12:58:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.648	6.591	679705	2476816	1.563	3.990 #
43) L9	AR-1268-3	7.814	6.798	270081	3672275	0.715	5.737 #
44) L9	AR-1268-4	8.139	7.094	684977	1362063	4.475	4.526
45) L9	AR-1268-5	8.462	7.360	303271	1093432	0.279	0.579 #

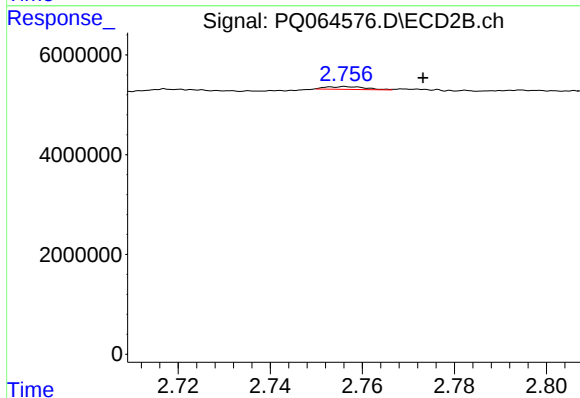
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

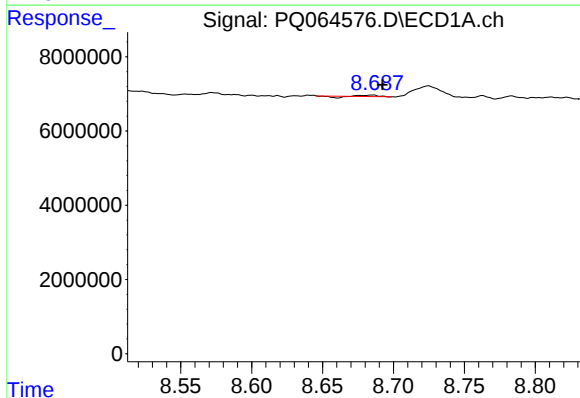
R.T.: 3.479 min
Delta R.T.: 0.022 min
Response: 170329
Conc: 0.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



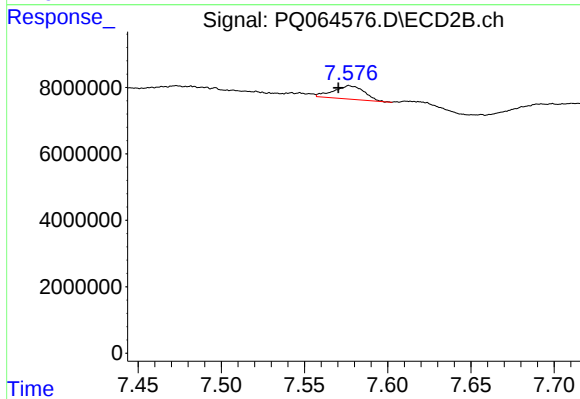
#1 Tetrachloro-m-xylene

R.T.: 2.756 min
Delta R.T.: -0.017 min
Response: 332747
Conc: 0.08 ng/ml



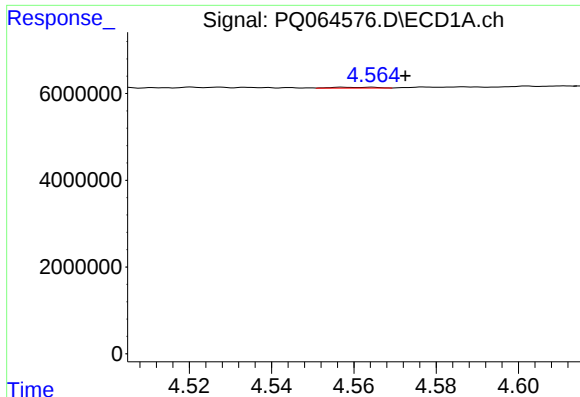
#2 Decachlorobiphenyl

R.T.: 8.685 min
Delta R.T.: -0.007 min
Response: 140726
Conc: 0.05 ng/ml



#2 Decachlorobiphenyl

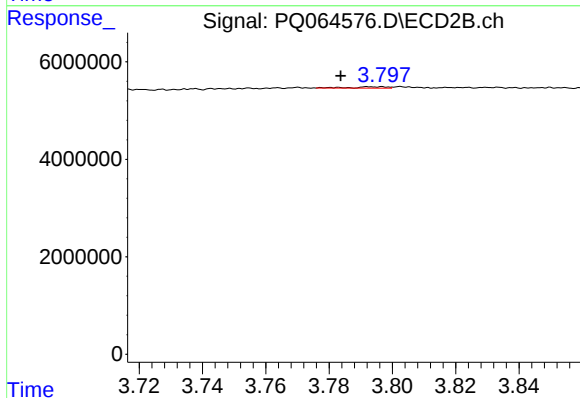
R.T.: 7.577 min
Delta R.T.: 0.006 min
Response: 5181944
Conc: 1.28 ng/ml



#3 AR-1016-1

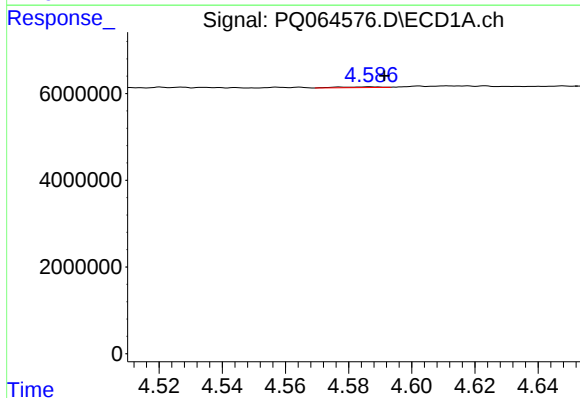
R.T.: 4.564 min
Delta R.T.: -0.008 min
Response: 148902
Conc: 1.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



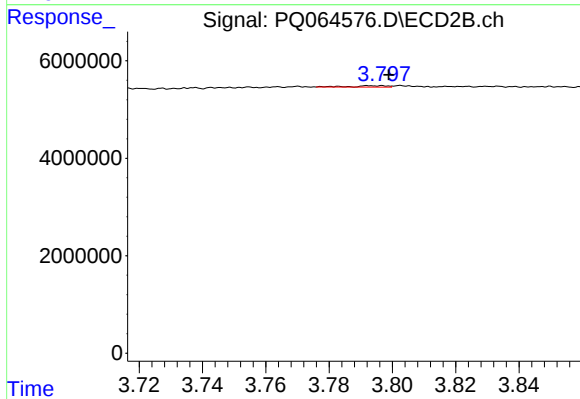
#3 AR-1016-1

R.T.: 3.797 min
Delta R.T.: 0.013 min
Response: 221576
Conc: 1.82 ng/ml



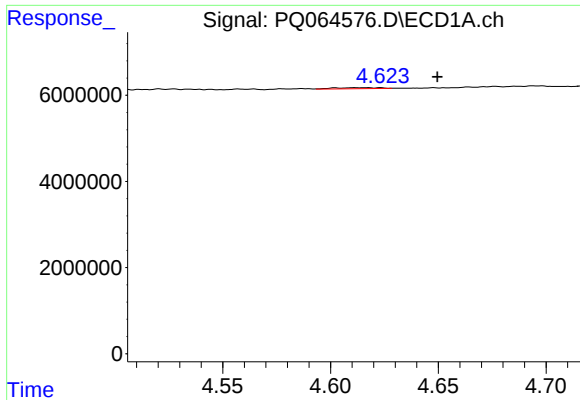
#4 AR-1016-2

R.T.: 4.587 min
Delta R.T.: -0.004 min
Response: 168100
Conc: 0.88 ng/ml



#4 AR-1016-2

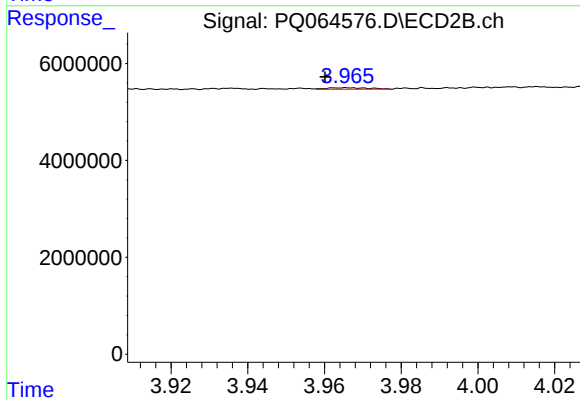
R.T.: 3.797 min
Delta R.T.: -0.002 min
Response: 221576
Conc: 1.21 ng/ml



#5 AR-1016-3

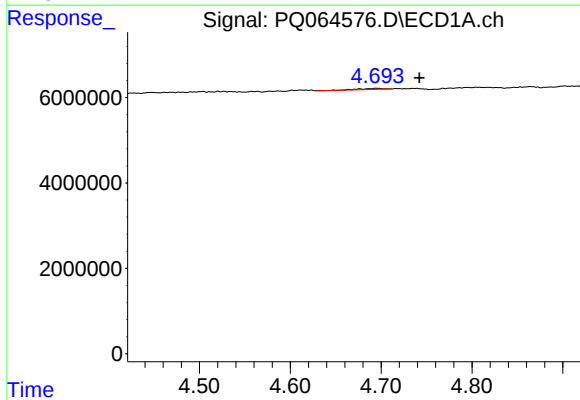
R.T.: 4.623 min
Delta R.T.: -0.026 min
Response: 378799
Conc: 3.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



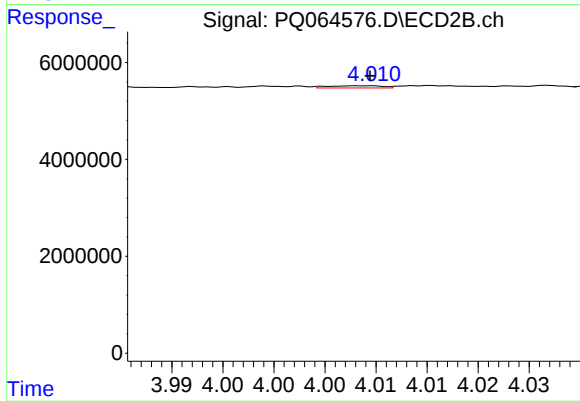
#5 AR-1016-3

R.T.: 3.966 min
Delta R.T.: 0.006 min
Response: 238241
Conc: 2.45 ng/ml



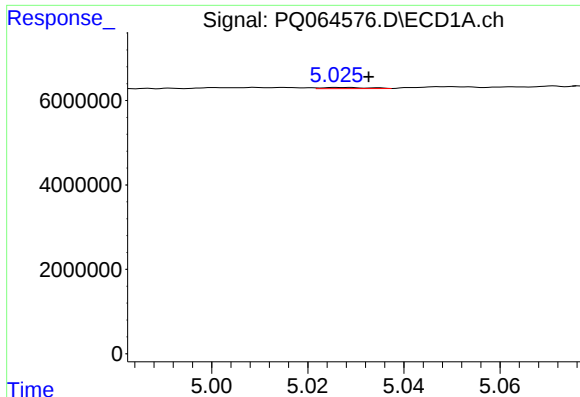
#6 AR-1016-4

R.T.: 4.695 min
Delta R.T.: -0.048 min
Response: 474623
Conc: 5.11 ng/ml



#6 AR-1016-4

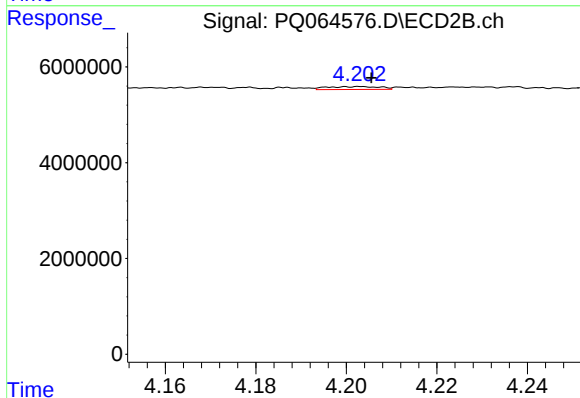
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 173041
Conc: 2.07 ng/ml



#7 AR-1016-5

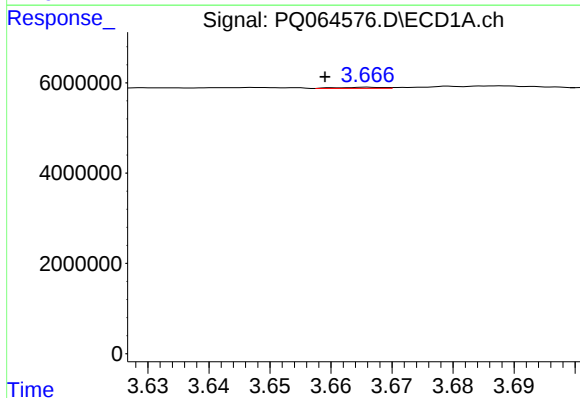
R.T.: 5.027 min
Delta R.T.: -0.006 min
Response: 176536
Conc: 1.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



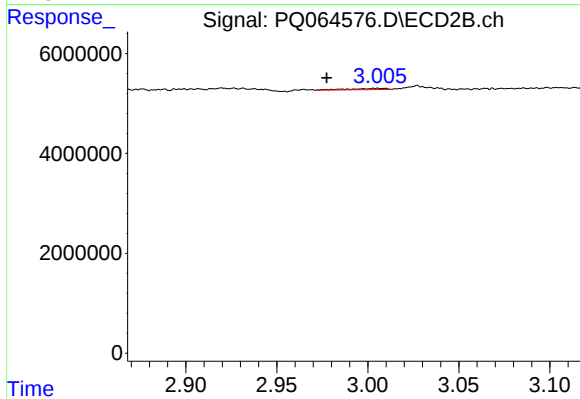
#7 AR-1016-5

R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 500993
Conc: 4.95 ng/ml



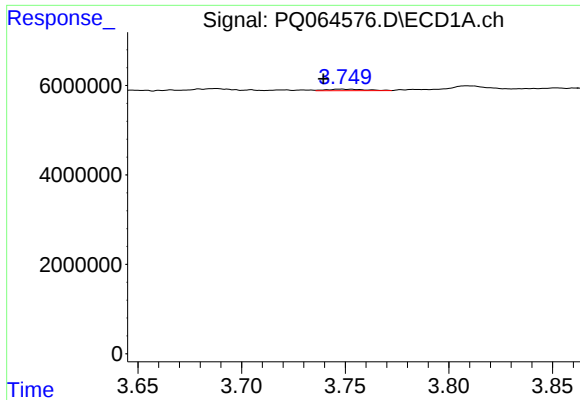
#8 AR-1221-1

R.T.: 3.666 min
Delta R.T.: 0.007 min
Response: 133368
Conc: 2.63 ng/ml



#8 AR-1221-1

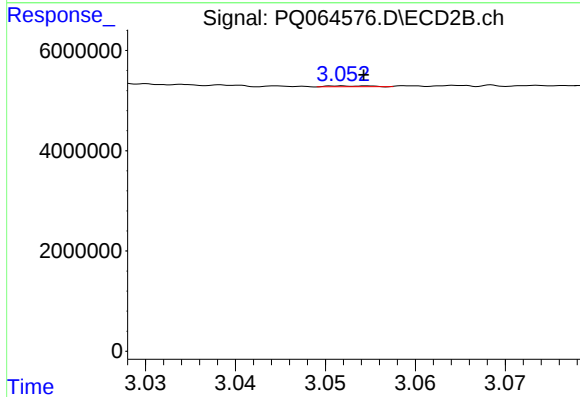
R.T.: 3.003 min
Delta R.T.: 0.026 min
Response: 326101
Conc: 5.76 ng/ml



#9 AR-1221-2

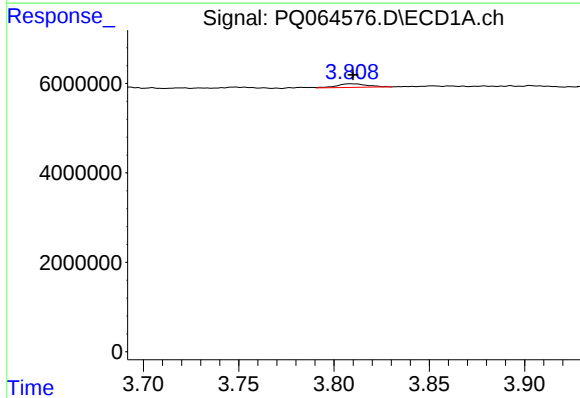
R.T.: 3.748 min
Delta R.T.: 0.009 min
Response: 428259
Conc: 11.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



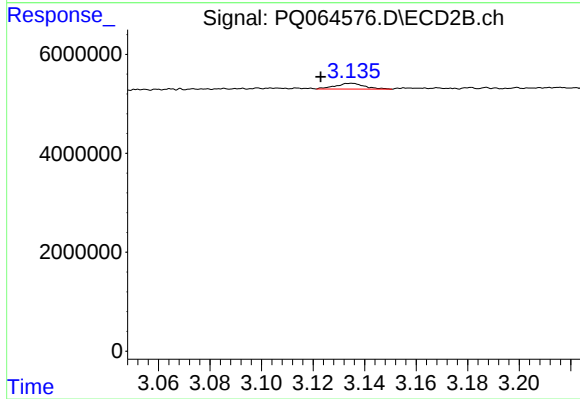
#9 AR-1221-2

R.T.: 3.052 min
Delta R.T.: -0.002 min
Response: 55012
Conc: 1.31 ng/ml



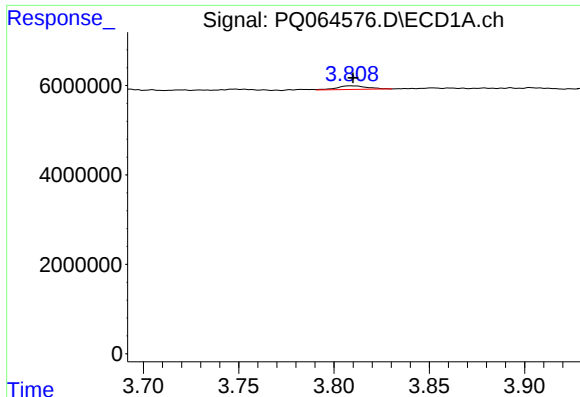
#10 AR-1221-3

R.T.: 3.809 min
Delta R.T.: -0.001 min
Response: 908549
Conc: 8.03 ng/ml



#10 AR-1221-3

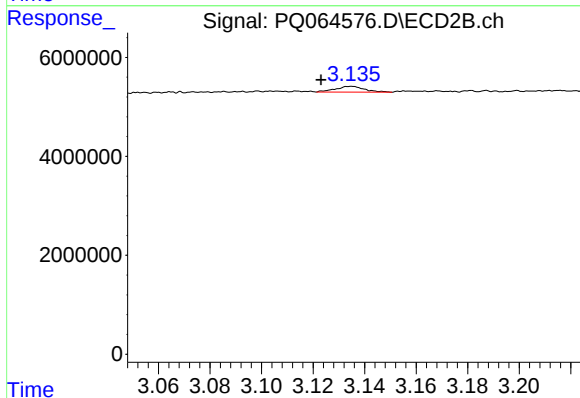
R.T.: 3.135 min
Delta R.T.: 0.012 min
Response: 905490
Conc: 7.11 ng/ml



#11 AR-1232-1

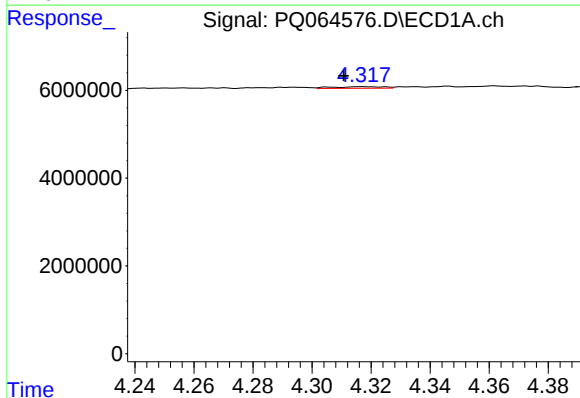
R.T.: 3.809 min
Delta R.T.: -0.001 min
Response: 908549
Conc: 10.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



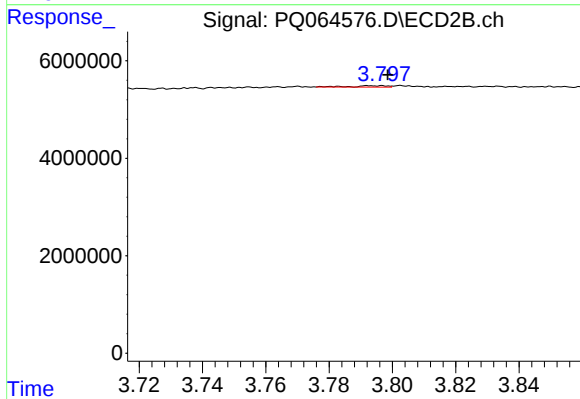
#11 AR-1232-1

R.T.: 3.135 min
Delta R.T.: 0.012 min
Response: 905490
Conc: 9.40 ng/ml



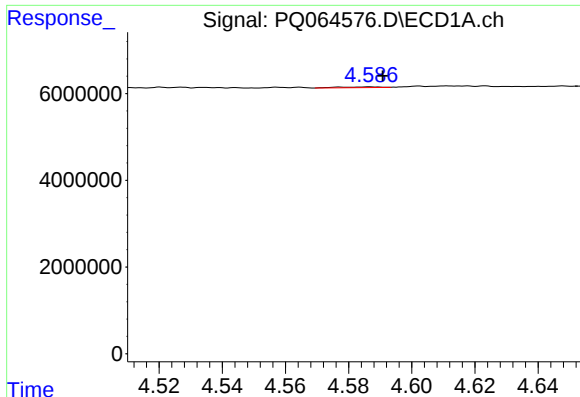
#12 AR-1232-2

R.T.: 4.317 min
Delta R.T.: 0.006 min
Response: 448147
Conc: 9.19 ng/ml



#12 AR-1232-2

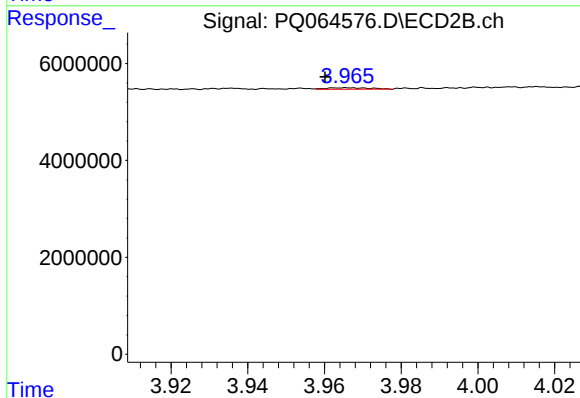
R.T.: 3.797 min
Delta R.T.: -0.002 min
Response: 221576
Conc: 2.65 ng/ml



#13 AR-1232-3

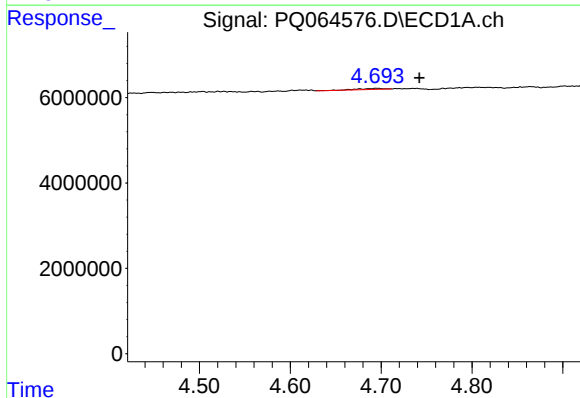
R.T.: 4.587 min
Delta R.T.: -0.004 min
Response: 168100
Conc: 1.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



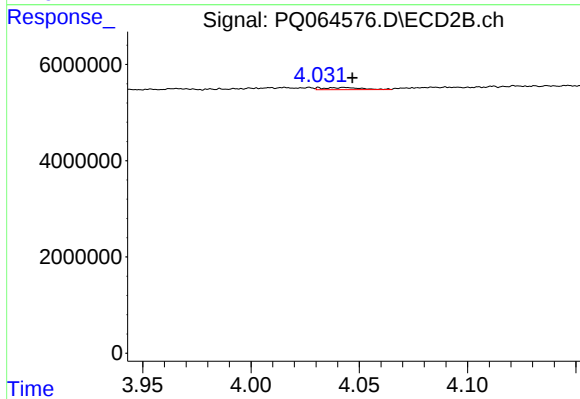
#13 AR-1232-3

R.T.: 3.966 min
Delta R.T.: 0.006 min
Response: 238241
Conc: 5.35 ng/ml



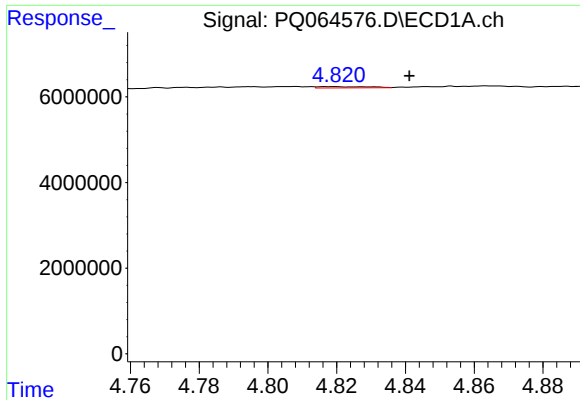
#14 AR-1232-4

R.T.: 4.695 min
Delta R.T.: -0.047 min
Response: 474623
Conc: 11.52 ng/ml



#14 AR-1232-4

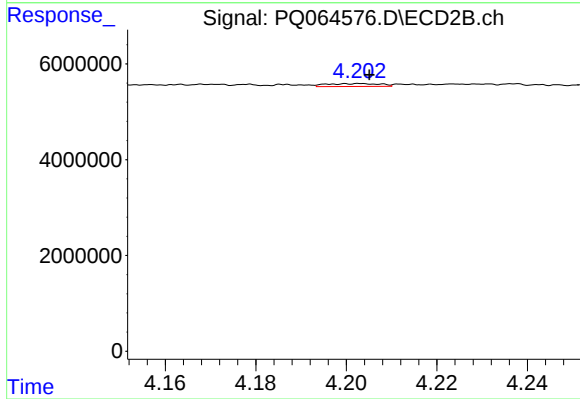
R.T.: 4.031 min
Delta R.T.: -0.015 min
Response: 542433
Conc: 14.20 ng/ml



#15 AR-1232-5

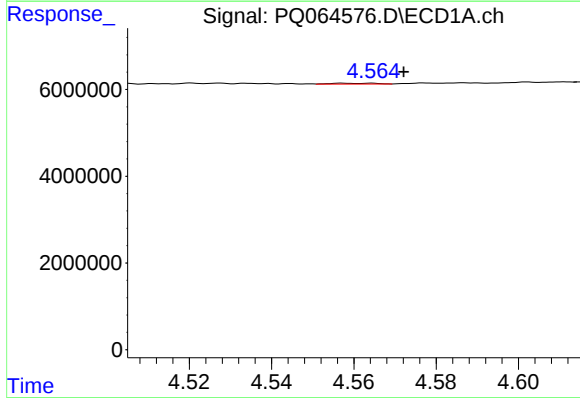
R.T.: 4.819 min
Delta R.T.: -0.022 min
Response: 291607
Conc: 9.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



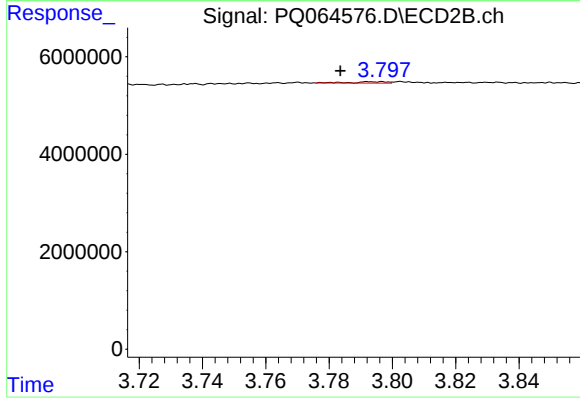
#15 AR-1232-5

R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 500993
Conc: 11.77 ng/ml



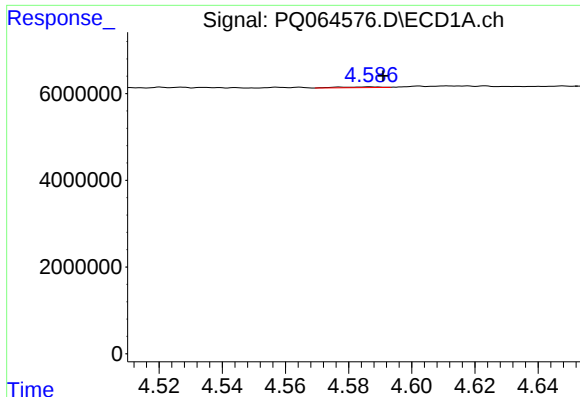
#16 AR-1242-1

R.T.: 4.564 min
Delta R.T.: -0.008 min
Response: 148902
Conc: 1.44 ng/ml



#16 AR-1242-1

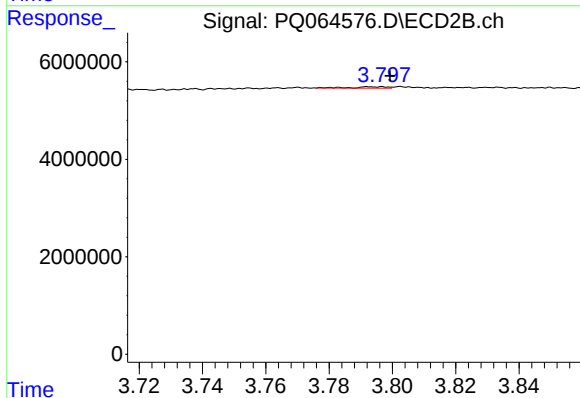
R.T.: 3.797 min
Delta R.T.: 0.013 min
Response: 221576
Conc: 2.14 ng/ml



#17 AR-1242-2

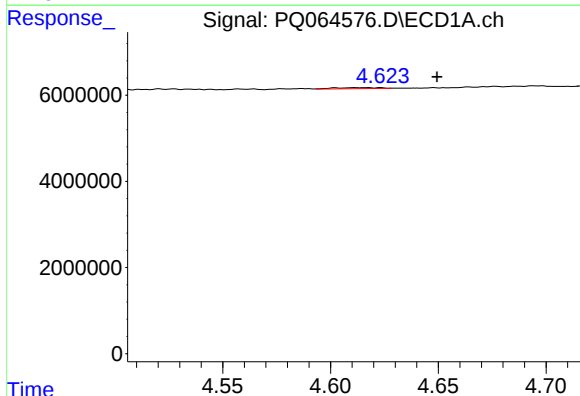
R.T.: 4.587 min
Delta R.T.: -0.004 min
Response: 168100
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



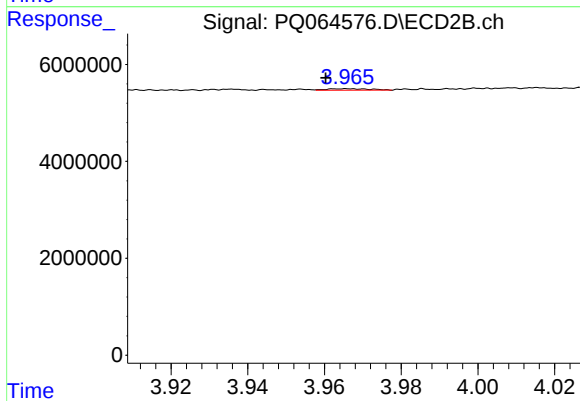
#17 AR-1242-2

R.T.: 3.797 min
Delta R.T.: -0.002 min
Response: 221576
Conc: 1.43 ng/ml



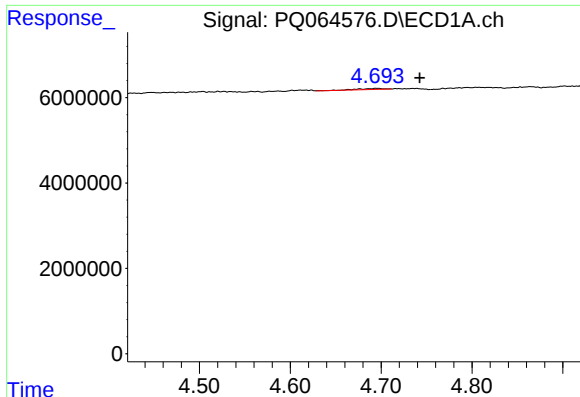
#18 AR-1242-3

R.T.: 4.623 min
Delta R.T.: -0.026 min
Response: 378799
Conc: 3.91 ng/ml



#18 AR-1242-3

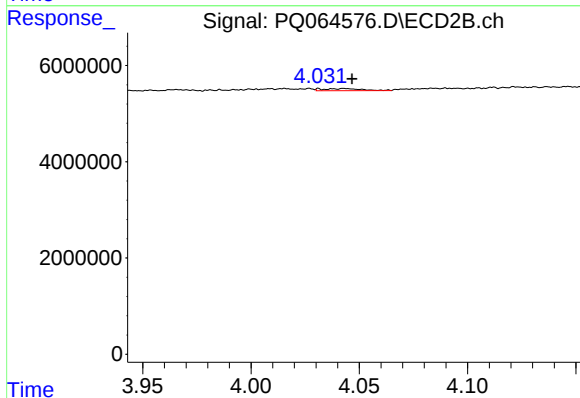
R.T.: 3.966 min
Delta R.T.: 0.005 min
Response: 238241
Conc: 2.91 ng/ml



#19 AR-1242-4

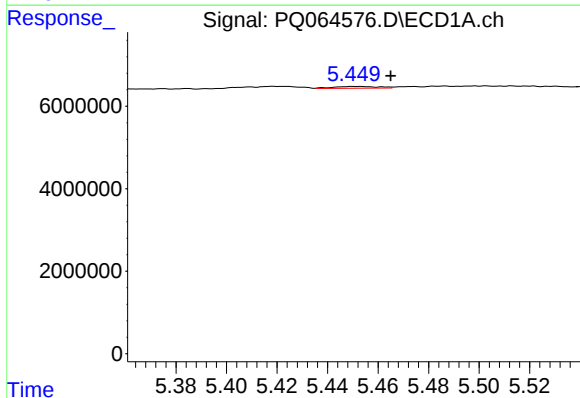
R.T.: 4.695 min
Delta R.T.: -0.048 min
Response: 474623
Conc: 6.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



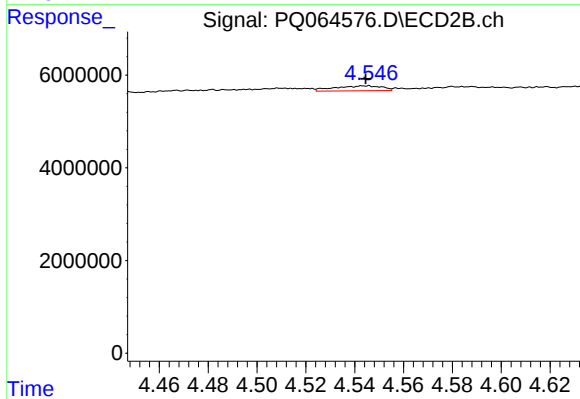
#19 AR-1242-4

R.T.: 4.031 min
Delta R.T.: -0.015 min
Response: 542433
Conc: 6.95 ng/ml



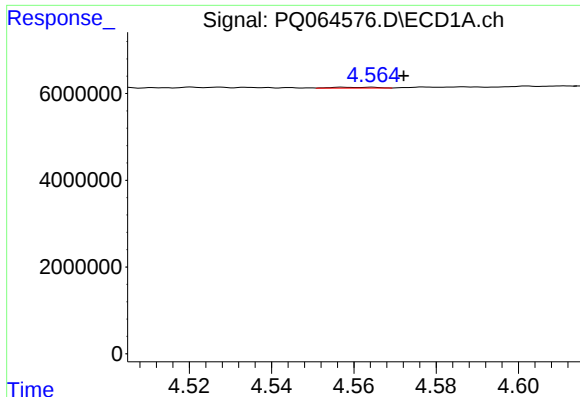
#20 AR-1242-5

R.T.: 5.451 min
Delta R.T.: -0.014 min
Response: 562529
Conc: 6.78 ng/ml



#20 AR-1242-5

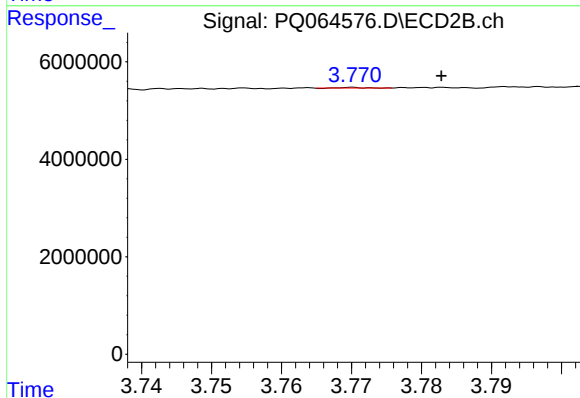
R.T.: 4.546 min
Delta R.T.: 0.001 min
Response: 1445245
Conc: 14.99 ng/ml



#21 AR-1248-1

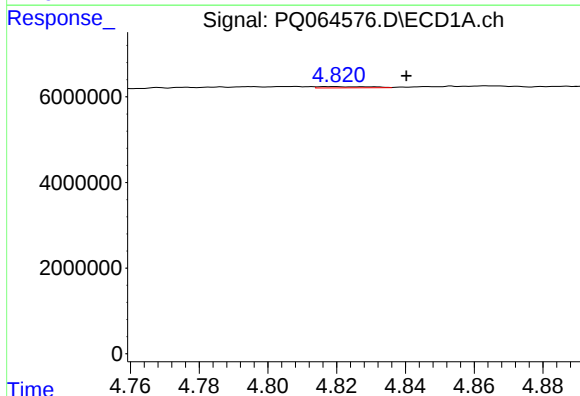
R.T.: 4.564 min
Delta R.T.: -0.008 min
Response: 148902
Conc: 1.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



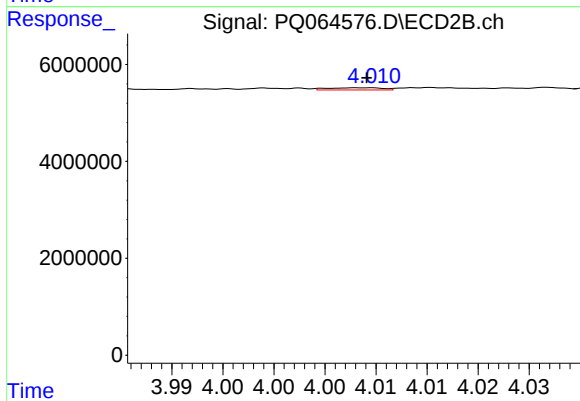
#21 AR-1248-1

R.T.: 3.770 min
Delta R.T.: -0.013 min
Response: 23547
Conc: 0.29 ng/ml



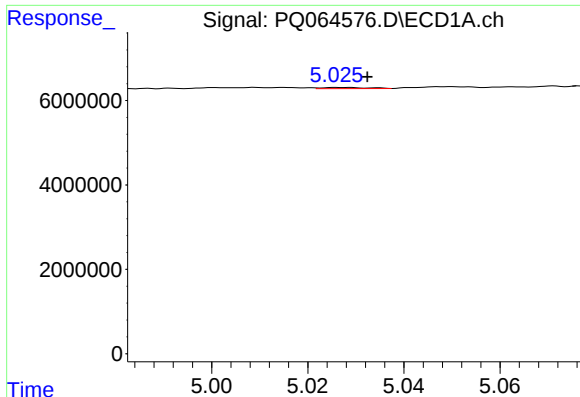
#22 AR-1248-2

R.T.: 4.819 min
Delta R.T.: -0.022 min
Response: 291607
Conc: 2.61 ng/ml



#22 AR-1248-2

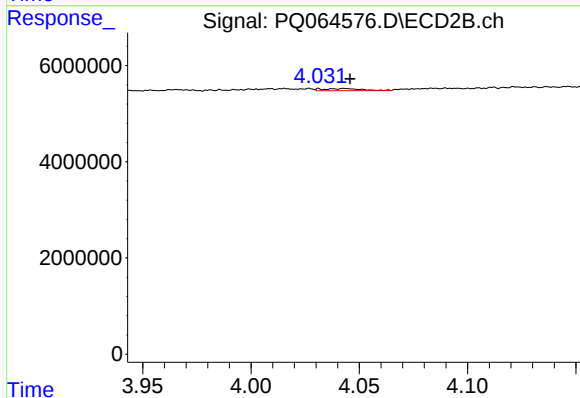
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 173041
Conc: 1.41 ng/ml



#23 AR-1248-3

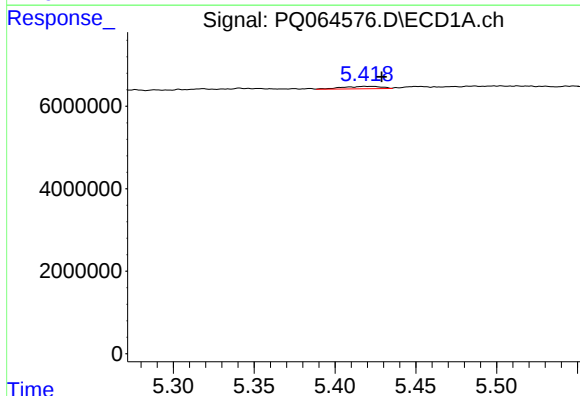
R.T.: 5.027 min
Delta R.T.: -0.005 min
Response: 176536
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



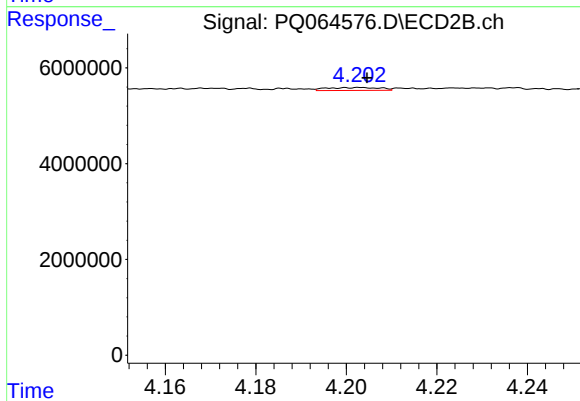
#23 AR-1248-3

R.T.: 4.031 min
Delta R.T.: -0.015 min
Response: 542433
Conc: 4.65 ng/ml



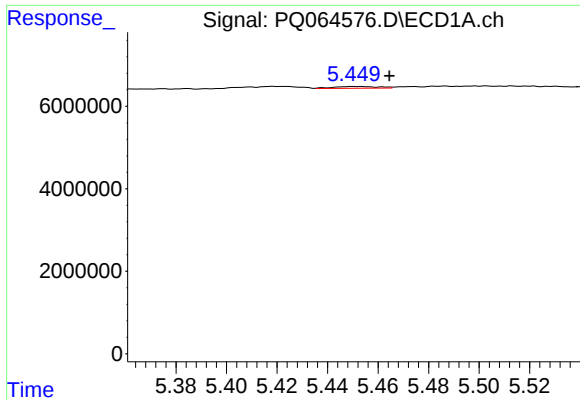
#24 AR-1248-4

R.T.: 5.419 min
Delta R.T.: -0.010 min
Response: 1000182
Conc: 6.99 ng/ml



#24 AR-1248-4

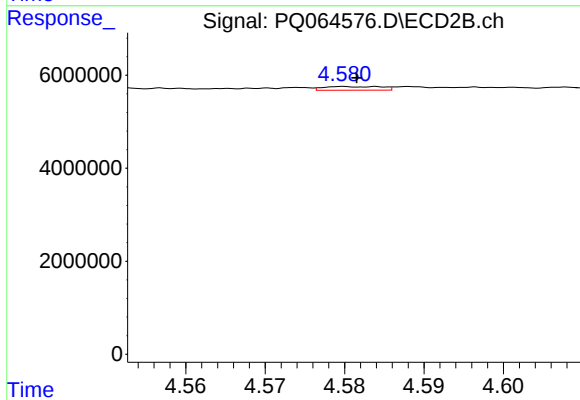
R.T.: 4.203 min
Delta R.T.: -0.001 min
Response: 500993
Conc: 3.57 ng/ml



#25 AR-1248-5

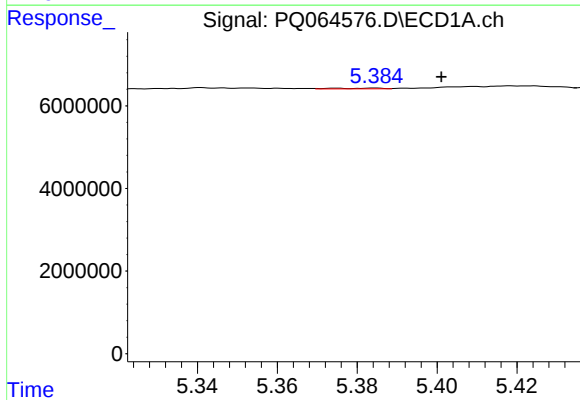
R.T.: 5.451 min
Delta R.T.: -0.014 min
Response: 562529
Conc: 4.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



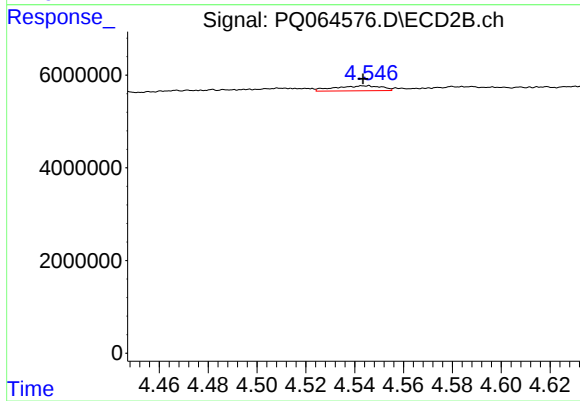
#25 AR-1248-5

R.T.: 4.580 min
Delta R.T.: -0.002 min
Response: 392428
Conc: 2.95 ng/ml



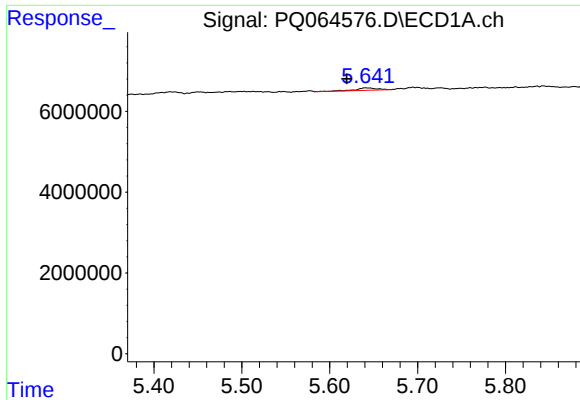
#26 AR-1254-1

R.T.: 5.384 min
Delta R.T.: -0.017 min
Response: 154013
Conc: 1.01 ng/ml



#26 AR-1254-1

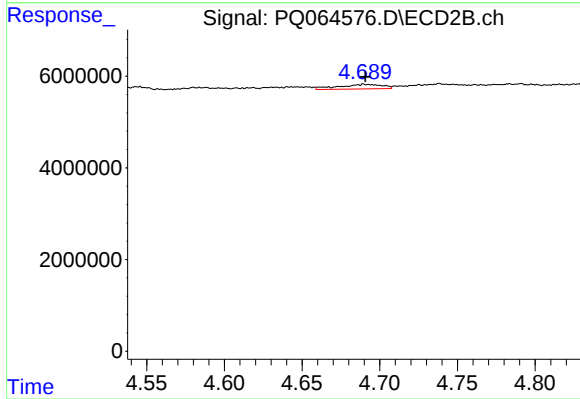
R.T.: 4.546 min
Delta R.T.: 0.002 min
Response: 1445245
Conc: 6.90 ng/ml



#27 AR-1254-2

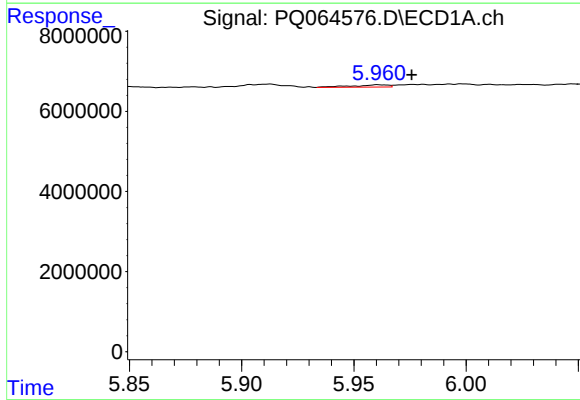
R.T.: 5.641 min
Delta R.T.: 0.022 min
Response: 1006833
Conc: 4.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



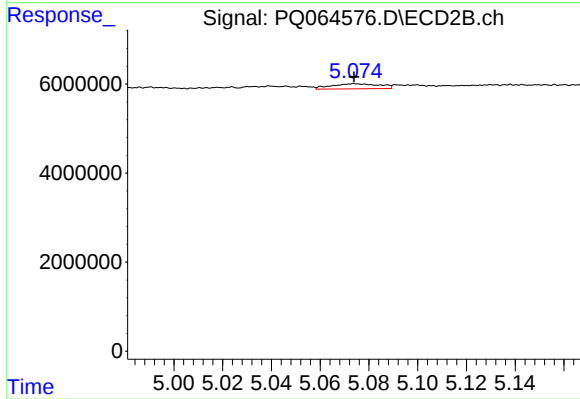
#27 AR-1254-2

R.T.: 4.689 min
Delta R.T.: -0.001 min
Response: 1937502
Conc: 10.47 ng/ml



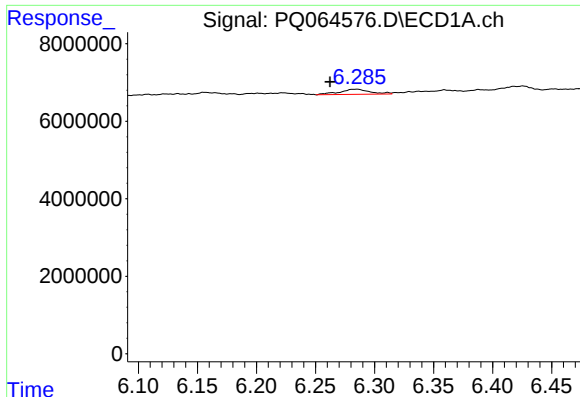
#28 AR-1254-3

R.T.: 5.961 min
Delta R.T.: -0.015 min
Response: 609137
Conc: 2.48 ng/ml



#28 AR-1254-3

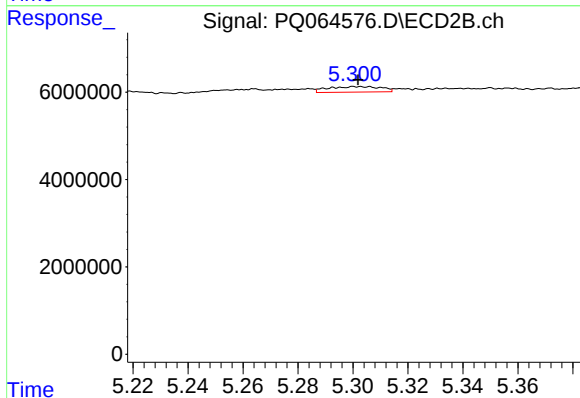
R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 1586139
Conc: 5.61 ng/ml



#29 AR-1254-4

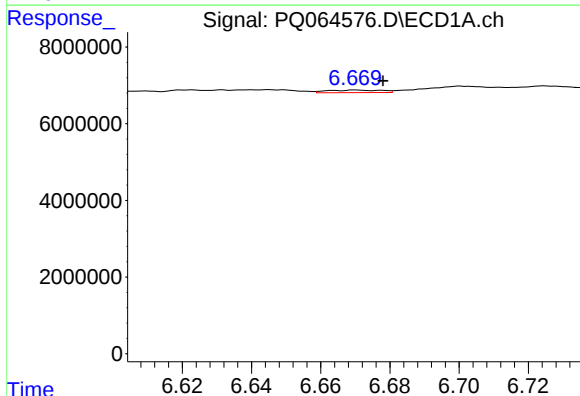
R.T.: 6.285 min
Delta R.T.: 0.022 min
Response: 2390762
Conc: 13.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



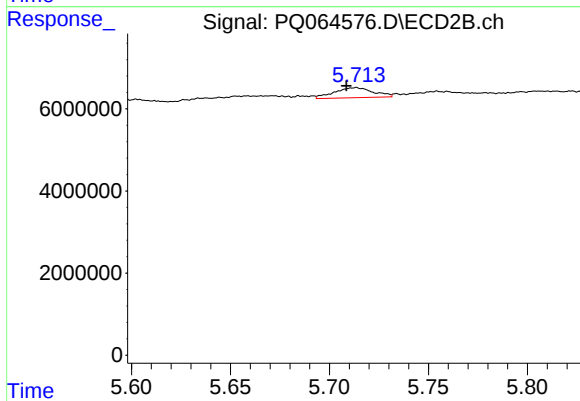
#29 AR-1254-4

R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 1698548
Conc: 9.15 ng/ml



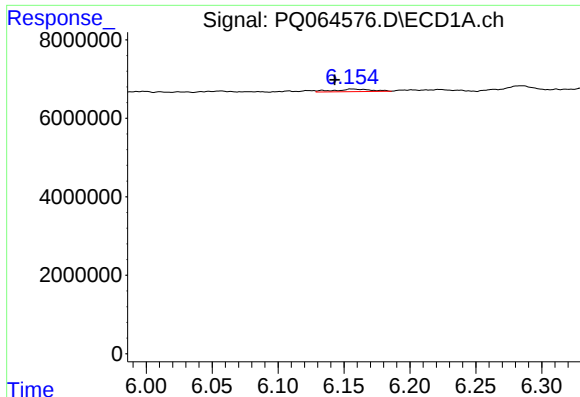
#30 AR-1254-5

R.T.: 6.670 min
Delta R.T.: -0.008 min
Response: 721360
Conc: 3.74 ng/ml



#30 AR-1254-5

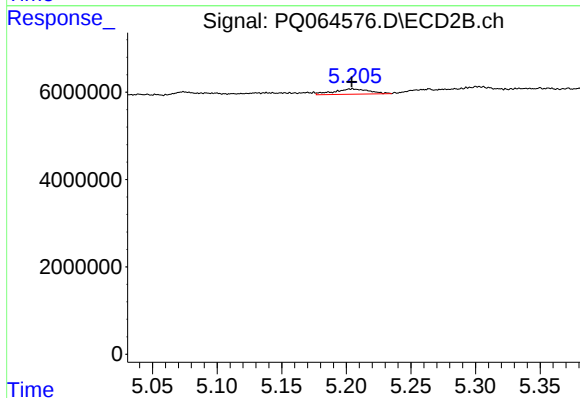
R.T.: 5.714 min
Delta R.T.: 0.005 min
Response: 3365468
Conc: 12.96 ng/ml



#31 AR-1260-1

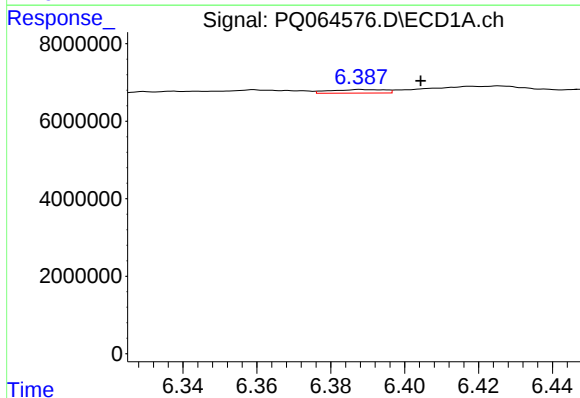
R.T.: 6.156 min
Delta R.T.: 0.013 min
Response: 1253156
Conc: 6.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



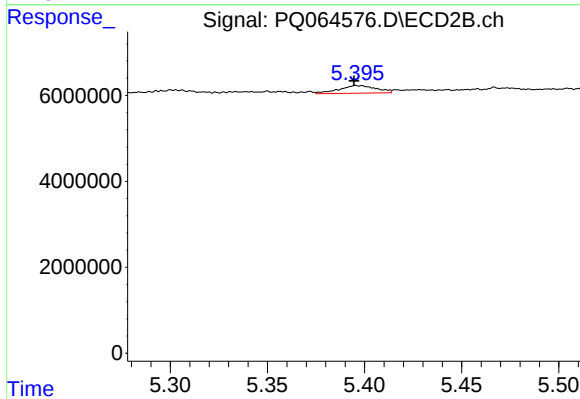
#31 AR-1260-1

R.T.: 5.205 min
Delta R.T.: 0.000 min
Response: 2340932
Conc: 12.10 ng/ml



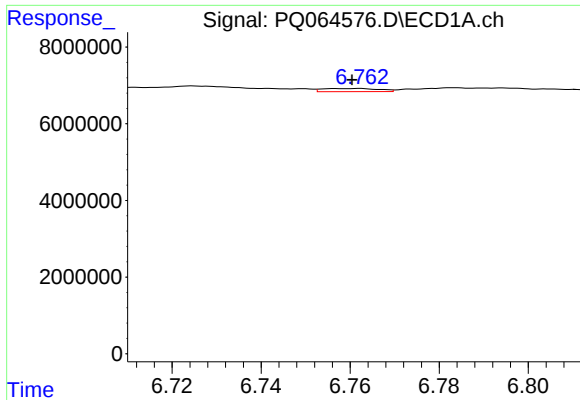
#32 AR-1260-2

R.T.: 6.388 min
Delta R.T.: -0.016 min
Response: 935335
Conc: 4.31 ng/ml



#32 AR-1260-2

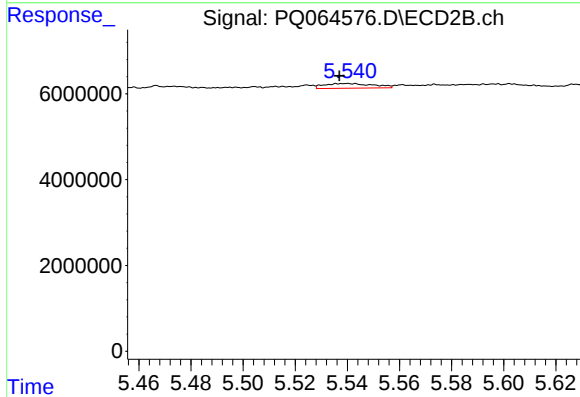
R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 2363677
Conc: 10.16 ng/ml



#33 AR-1260-3

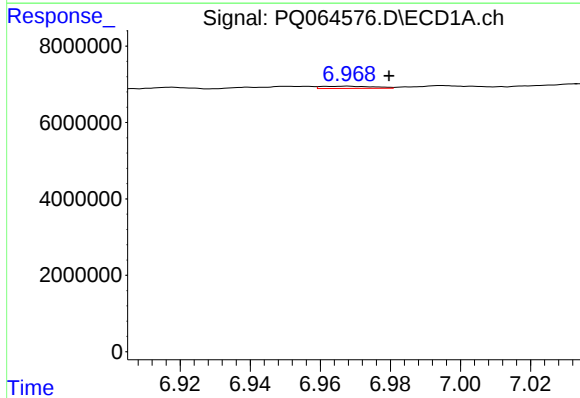
R.T.: 6.762 min
Delta R.T.: 0.001 min
Response: 719424
Conc: 4.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



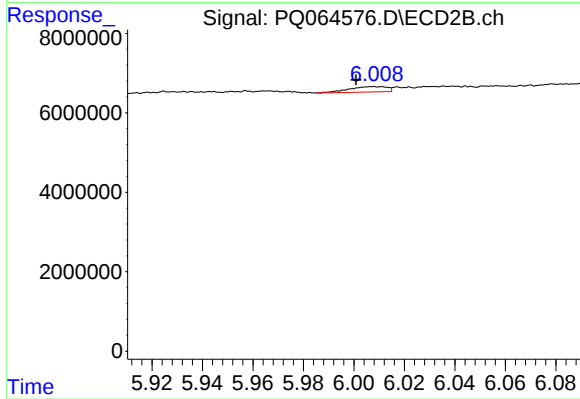
#33 AR-1260-3

R.T.: 5.543 min
Delta R.T.: 0.006 min
Response: 1432068
Conc: 6.59 ng/ml



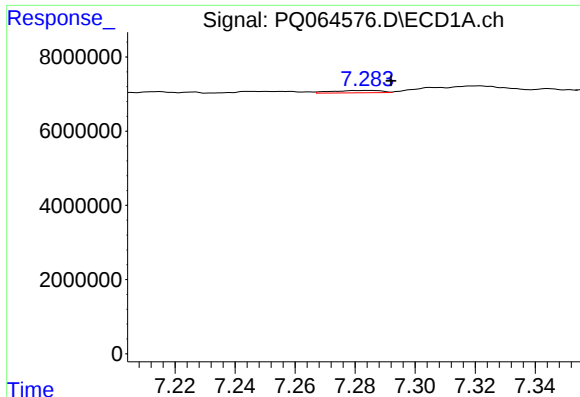
#34 AR-1260-4

R.T.: 6.967 min
Delta R.T.: -0.012 min
Response: 607406
Conc: 3.54 ng/ml



#34 AR-1260-4

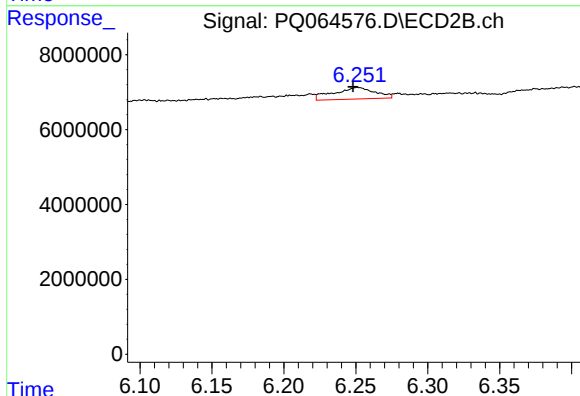
R.T.: 6.008 min
Delta R.T.: 0.007 min
Response: 1378681
Conc: 7.48 ng/ml



#35 AR-1260-5

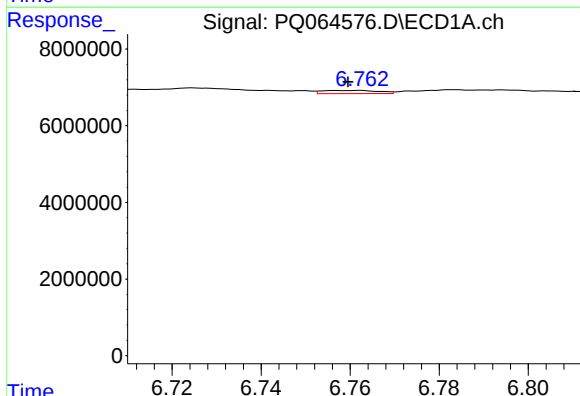
R.T.: 7.285 min
Delta R.T.: -0.007 min
Response: 733181
Conc: 2.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



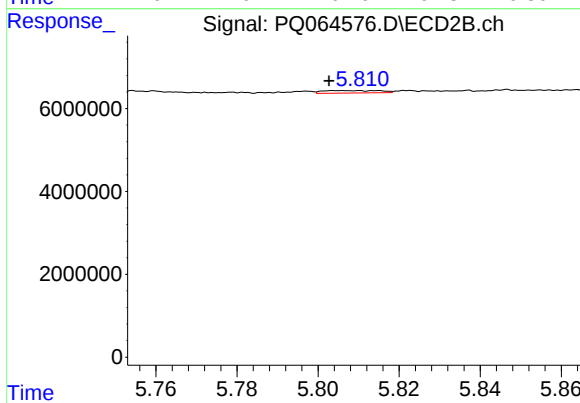
#35 AR-1260-5

R.T.: 6.251 min
Delta R.T.: 0.003 min
Response: 6183370
Conc: 14.26 ng/ml



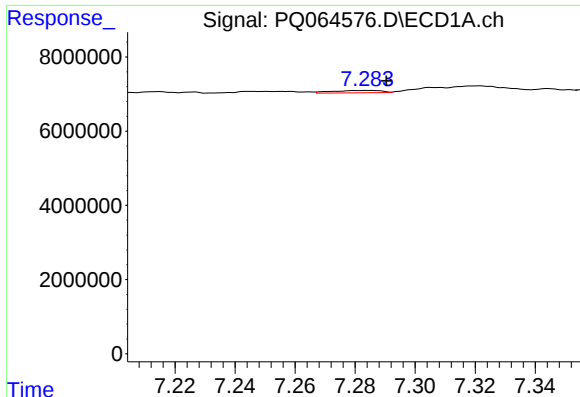
#36 AR-1262-1

R.T.: 6.762 min
Delta R.T.: 0.002 min
Response: 719424
Conc: 2.92 ng/ml



#36 AR-1262-1

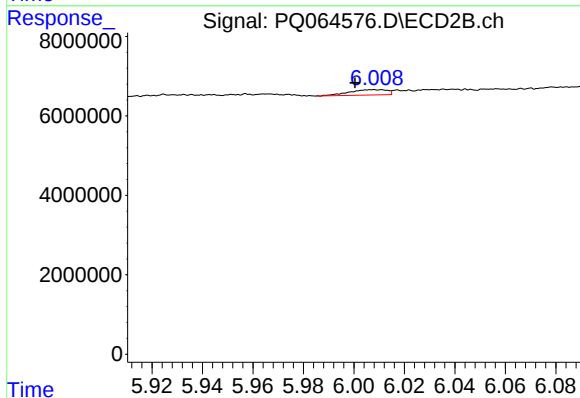
R.T.: 5.804 min
Delta R.T.: 0.002 min
Response: 601323
Conc: 5.28 ng/ml



#37 AR-1262-2

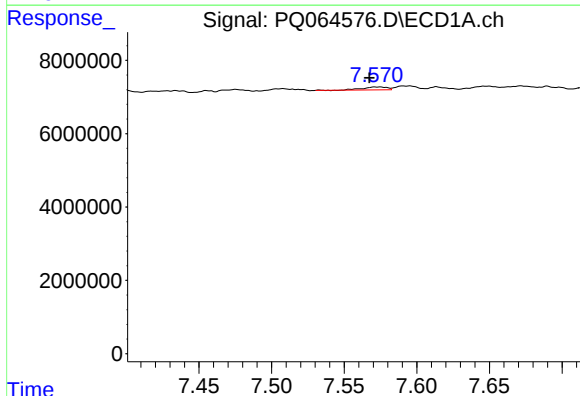
R.T.: 7.285 min
Delta R.T.: -0.006 min
Response: 733181
Conc: 1.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



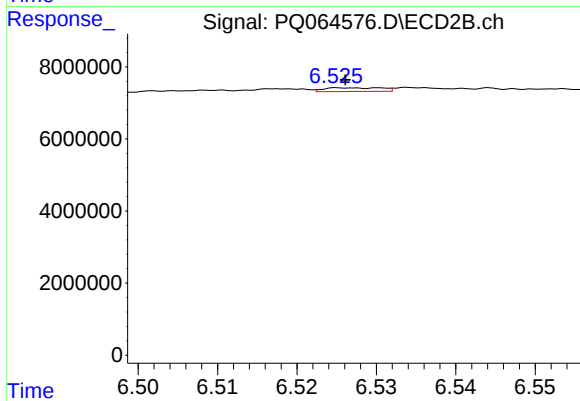
#37 AR-1262-2

R.T.: 6.008 min
Delta R.T.: 0.007 min
Response: 1378681
Conc: 5.41 ng/ml



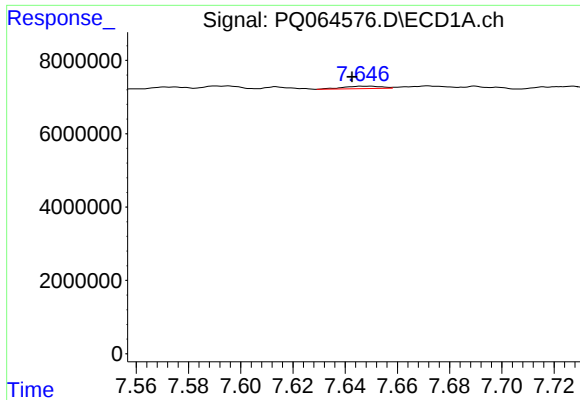
#38 AR-1262-3

R.T.: 7.572 min
Delta R.T.: 0.004 min
Response: 944874
Conc: 3.49 ng/ml



#38 AR-1262-3

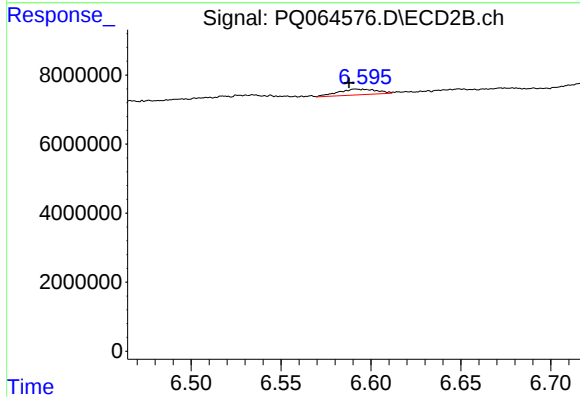
R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 516793
Conc: 2.29 ng/ml



#39 AR-1262-4

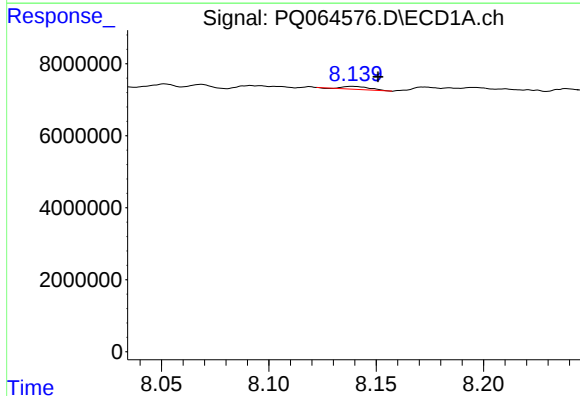
R.T.: 7.648 min
Delta R.T.: 0.005 min
Response: 679705
Conc: 3.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



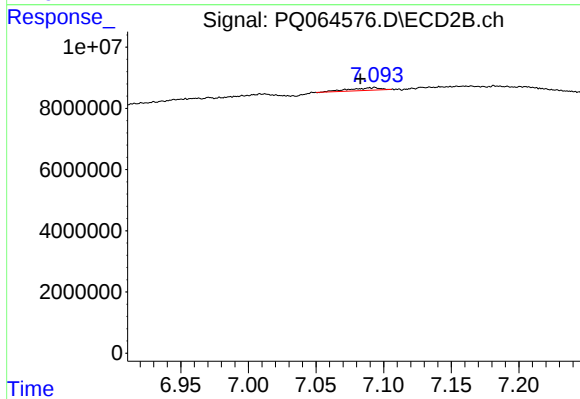
#39 AR-1262-4

R.T.: 6.591 min
Delta R.T.: 0.004 min
Response: 2476816
Conc: 5.72 ng/ml



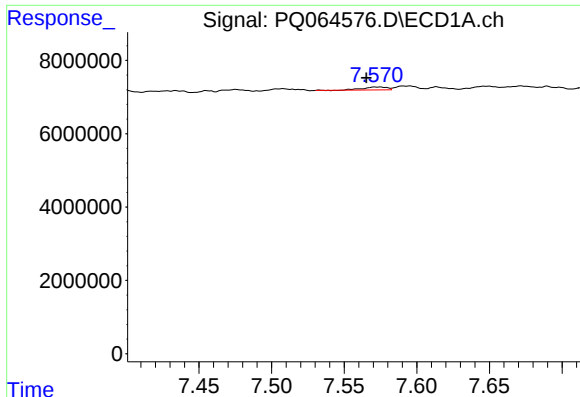
#40 AR-1262-5

R.T.: 8.139 min
Delta R.T.: -0.012 min
Response: 684977
Conc: 5.03 ng/ml



#40 AR-1262-5

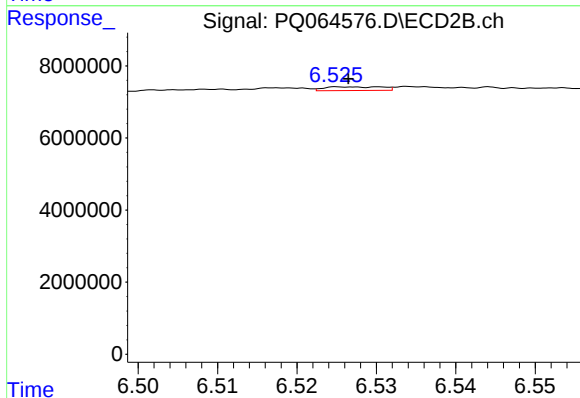
R.T.: 7.094 min
Delta R.T.: 0.011 min
Response: 1362063
Conc: 5.19 ng/ml



#41 AR-1268-1

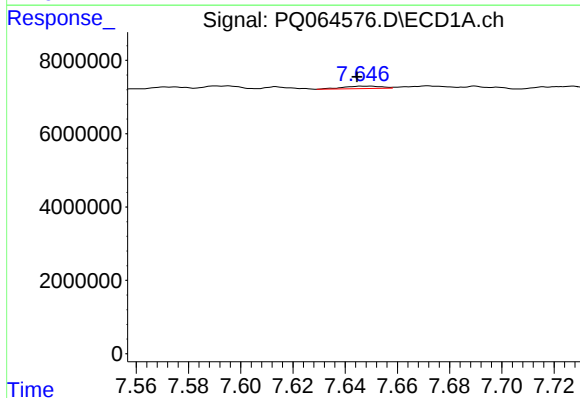
R.T.: 7.572 min
Delta R.T.: 0.006 min
Response: 944874
Conc: 1.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



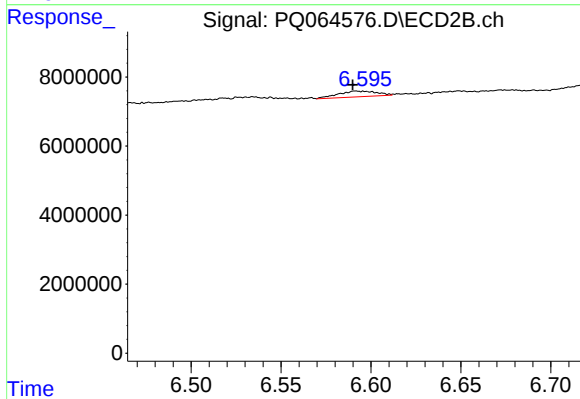
#41 AR-1268-1

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 516793
Conc: 0.79 ng/ml



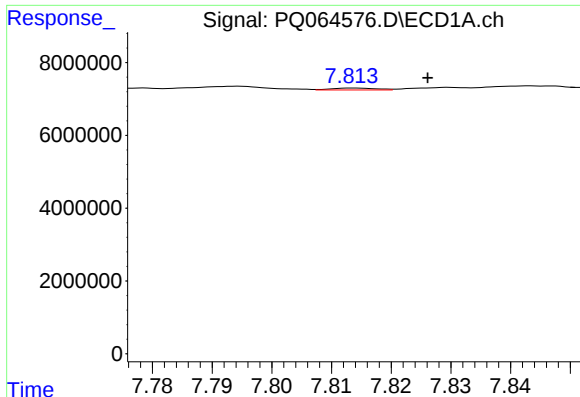
#42 AR-1268-2

R.T.: 7.648 min
Delta R.T.: 0.003 min
Response: 679705
Conc: 1.56 ng/ml



#42 AR-1268-2

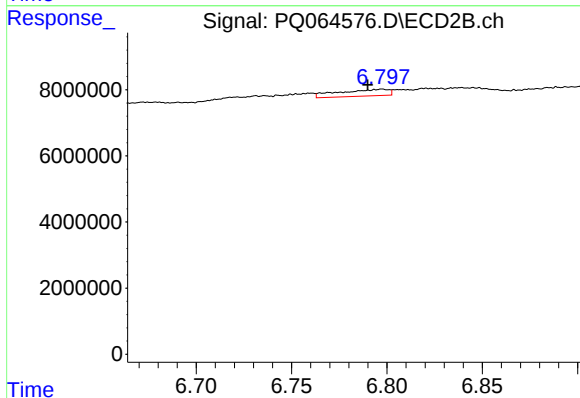
R.T.: 6.591 min
Delta R.T.: 0.002 min
Response: 2476816
Conc: 3.99 ng/ml



#43 AR-1268-3

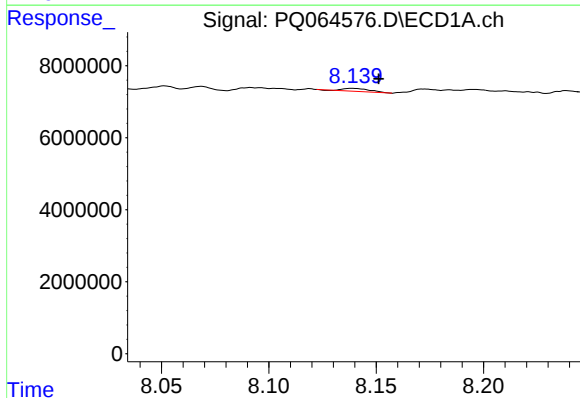
R.T.: 7.814 min
Delta R.T.: -0.012 min
Response: 270081
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



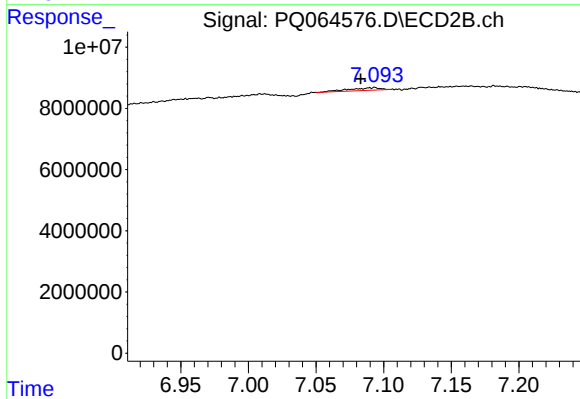
#43 AR-1268-3

R.T.: 6.798 min
Delta R.T.: 0.008 min
Response: 3672275
Conc: 5.74 ng/ml



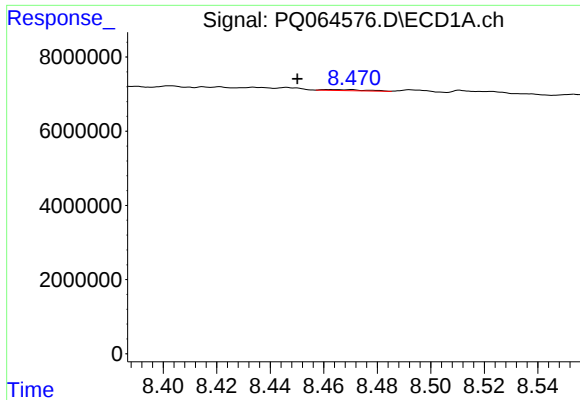
#44 AR-1268-4

R.T.: 8.139 min
Delta R.T.: -0.012 min
Response: 684977
Conc: 4.48 ng/ml



#44 AR-1268-4

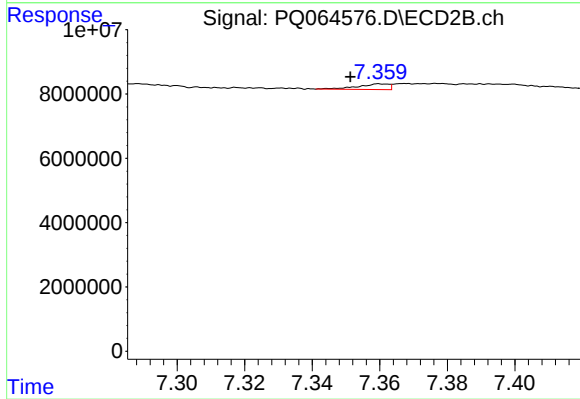
R.T.: 7.094 min
Delta R.T.: 0.011 min
Response: 1362063
Conc: 4.53 ng/ml



#45 AR-1268-5

R.T.: 8.462 min
Delta R.T.: 0.012 min
Response: 303271
Conc: 0.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.360 min
Delta R.T.: 0.009 min
Response: 1093432
Conc: 0.58 ng/ml