

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072423\
 Data File : PQ062577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2023 17:04
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 21:52:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.401	2.754	81072167	55025078	16.619	21.930 #
2)	SA Decachlor...	8.584	7.524	74028132	67761201	20.378	20.335
Target Compounds							
4)	L1 AR-1016-2	4.527	3.778	99891	33263	0.404	0.231 #
5)	L1 AR-1016-3	4.585	3.943	184022	33224	1.207	0.440 #
6)	L1 AR-1016-4	4.651	3.987	55809	45034	0.445	0.686 #
7)	L1 AR-1016-5	4.972	4.173	322569	303662	2.650	3.704 #
8)	L2 AR-1221-1	3.610	2.960	450085	122829	7.488	3.722 #
9)	L2 AR-1221-2	3.680	3.048	2392652	37552	53.250	1.478 #
10)	L2 AR-1221-3	3.732	3.103	3656092	84725	26.019	1.099 #
11)	L3 AR-1232-1	3.732	3.103	3656092	84725	34.622	1.479 #
12)	L3 AR-1232-2	4.252	3.774	86979	47521	1.470	0.714 #
13)	L3 AR-1232-3	4.527	3.943	99891	33224	0.883	0.961
14)	L3 AR-1232-4	4.651	4.023	55809	96151	0.985	3.233 #
15)	L3 AR-1232-5	4.775	4.173	97279	303662	2.429	8.515 #
17)	L4 AR-1242-2	4.527	3.774	99891	47521	0.515	0.428
18)	L4 AR-1242-3	4.585	3.943	184022	33224	1.523	0.567 #
19)	L4 AR-1242-4	4.651	4.023	55809	96151	0.572	1.640 #
20)	L4 AR-1242-5	5.410	4.513	1214010	174211	12.682	2.102 #
22)	L5 AR-1248-2	4.775	3.987	97279	45034	0.677	0.480 #
23)	L5 AR-1248-3	4.972	4.023	322569	96151	1.857	1.062 #
24)	L5 AR-1248-4	5.354	4.173	2609094	303662	13.594	2.691 #
25)	L5 AR-1248-5	5.410	4.560	1214010	371642	6.703	3.317 #
26)	L6 AR-1254-1	5.326	4.513	2406851	174211	12.953	1.079 #
27)	L6 AR-1254-2	5.545	4.652	170284	663048	0.586	4.504 #
28)	L6 AR-1254-3	5.917	5.051	163405	2480527	0.532	10.614 #
29)	L6 AR-1254-4	6.191	5.255	1567779	1604976	6.752	10.530 #
30)	L6 AR-1254-5	6.600	5.683	218834	263613	0.852	1.142 #
31)	L7 AR-1260-1	6.061	5.174	313578	1769854	1.329	10.626 #
32)	L7 AR-1260-2	6.317	5.363	560153	654852	1.940	3.149 #
33)	L7 AR-1260-3	0.000	5.485	0	489668	N.D.	2.517 #
34)	L7 AR-1260-4	6.898	5.951	277373	185536	1.317	1.272
35)	L7 AR-1260-5	0.000	6.197	0	89487	N.D.	0.269 #
36)	L8 AR-1262-1	0.000	5.712	0	526335	N.D.	2.264 #
37)	L8 AR-1262-2	0.000	5.951	0	185536	N.D.	0.858 #
38)	L8 AR-1262-3	7.492	6.484	248825	236789	0.706	1.358 #
39)	L8 AR-1262-4	7.574	6.540	786235	237851	2.948	0.738 #
40)	L8 AR-1262-5	8.058	7.051	1173677	82367	6.612	0.531 #
41)	L9 AR-1268-1	7.492	6.484	248825	236789	0.438	0.503
42)	L9 AR-1268-2	7.574	6.540	786235	237851	1.542	0.561 #
43)	L9 AR-1268-3	0.000	6.747	0	458523	N.D.	1.245 #
44)	L9 AR-1268-4	8.058	7.051	1173677	82367	6.414	0.515 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 21:52:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 Response via : Initial Calibration
 Integrator: ChemStation

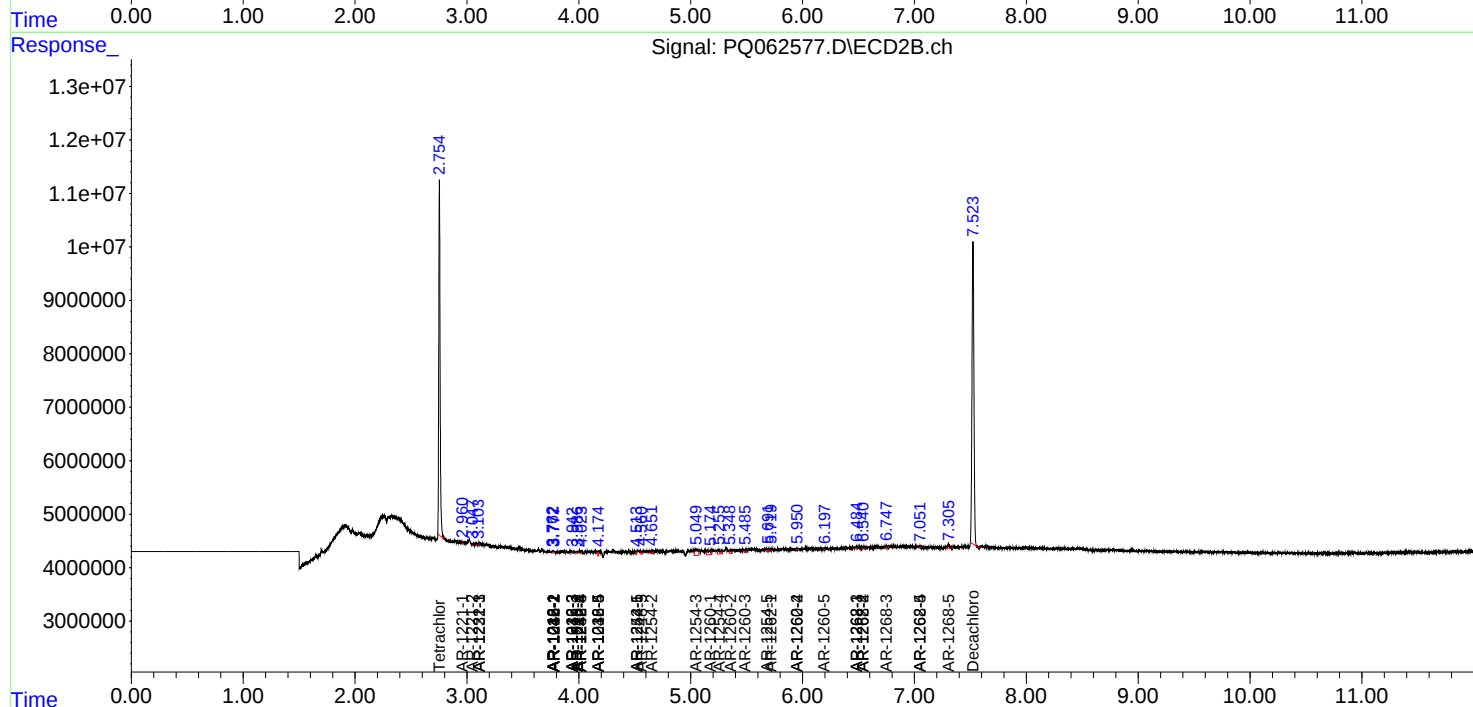
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

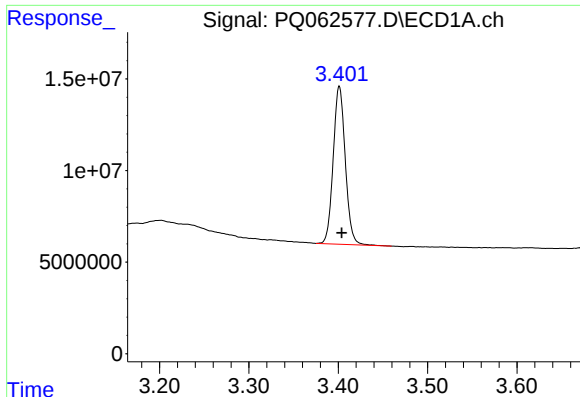
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	8.349	7.306	989164	959956	0.785	0.823

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

Instrument :
ECD_Q
ClientSampleId :

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

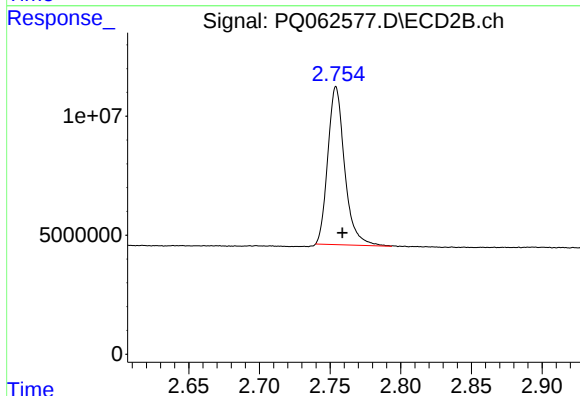




#1 Tetrachloro-m-xylene

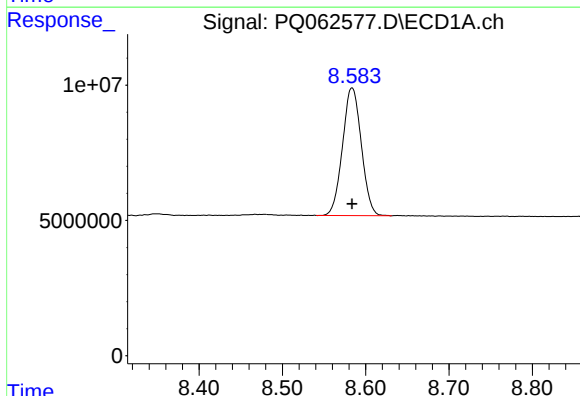
R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 81072167
Conc: 16.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



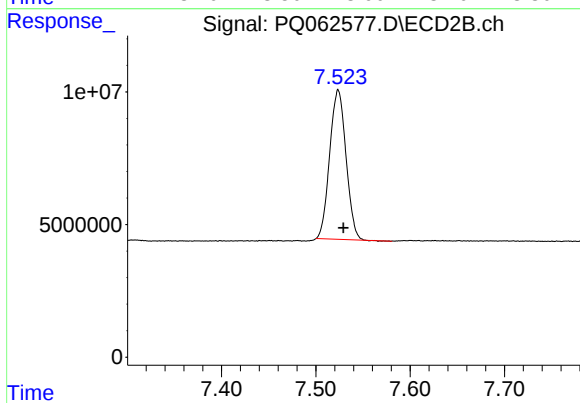
#1 Tetrachloro-m-xylene

R.T.: 2.754 min
Delta R.T.: -0.004 min
Response: 55025078
Conc: 21.93 ng/ml



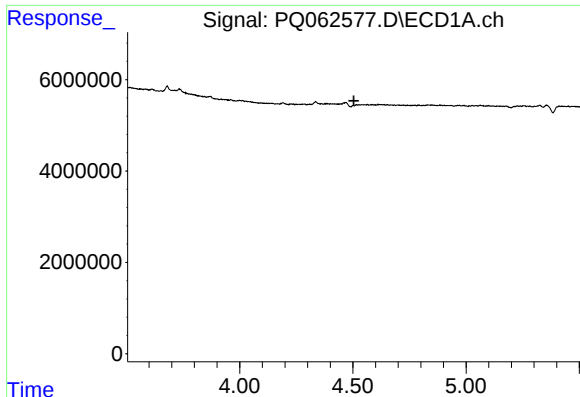
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 74028132
Conc: 20.38 ng/ml



#2 Decachlorobiphenyl

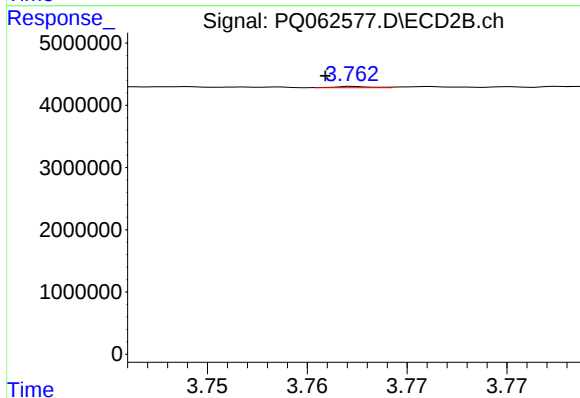
R.T.: 7.524 min
Delta R.T.: -0.006 min
Response: 67761201
Conc: 20.34 ng/ml



#3 AR-1016-1

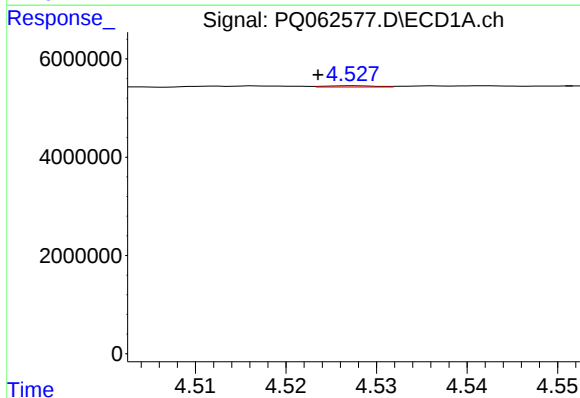
R.T.: 4.501 min
Delta R.T.: -0.003 min
Response: -304170
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



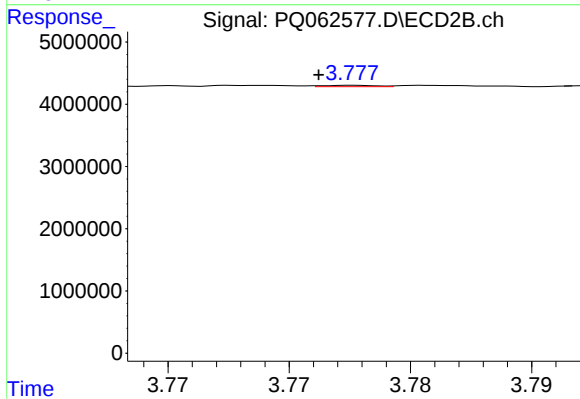
#3 AR-1016-1

R.T.: 3.763 min
Delta R.T.: 0.002 min
Response: 22975
Conc: 0.23 ng/ml



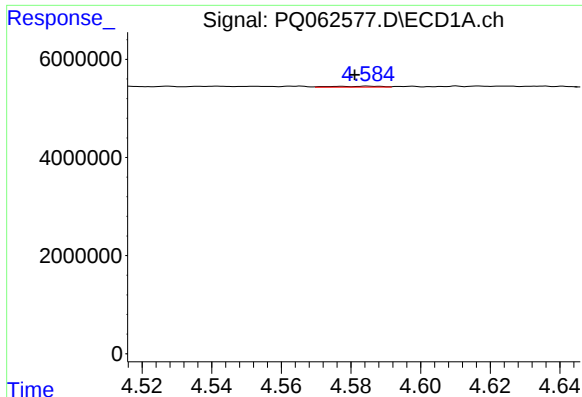
#4 AR-1016-2

R.T.: 4.527 min
Delta R.T.: 0.004 min
Response: 99891
Conc: 0.40 ng/ml



#4 AR-1016-2

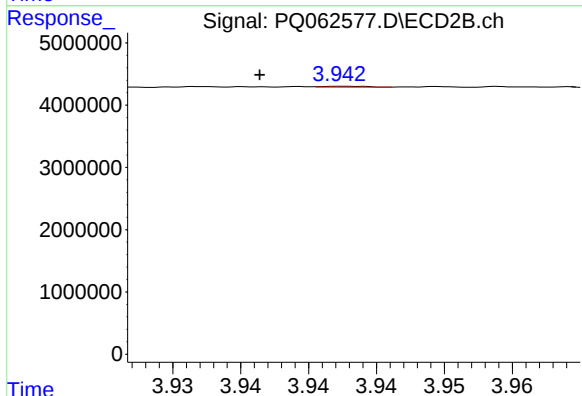
R.T.: 3.778 min
Delta R.T.: 0.002 min
Response: 33263
Conc: 0.23 ng/ml



#5 AR-1016-3

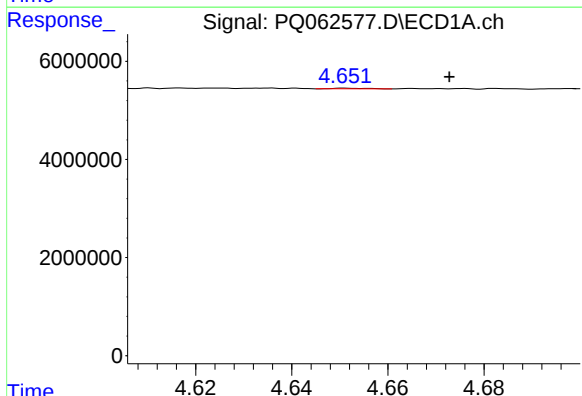
R.T.: 4.585 min
Delta R.T.: 0.004 min
Response: 184022
Conc: 1.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



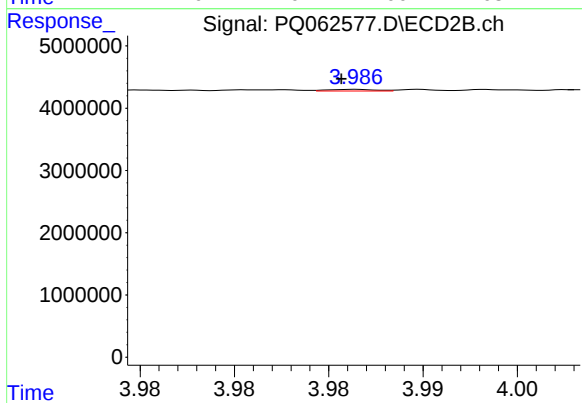
#5 AR-1016-3

R.T.: 3.943 min
Delta R.T.: 0.006 min
Response: 33224
Conc: 0.44 ng/ml



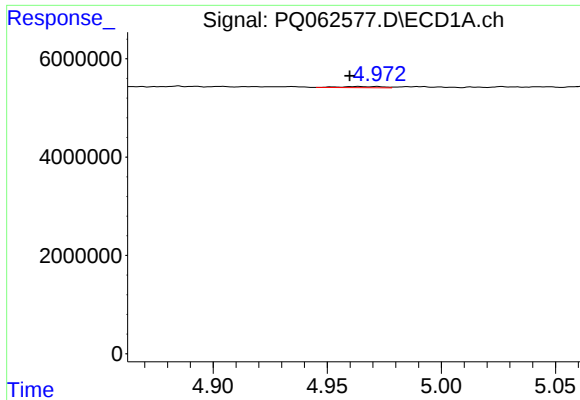
#6 AR-1016-4

R.T.: 4.651 min
Delta R.T.: -0.022 min
Response: 55809
Conc: 0.45 ng/ml



#6 AR-1016-4

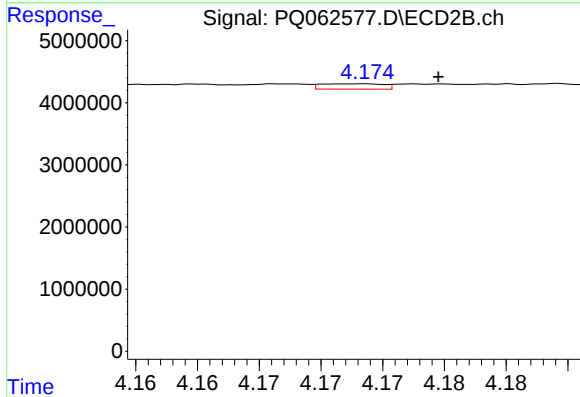
R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 45034
Conc: 0.69 ng/ml



#7 AR-1016-5

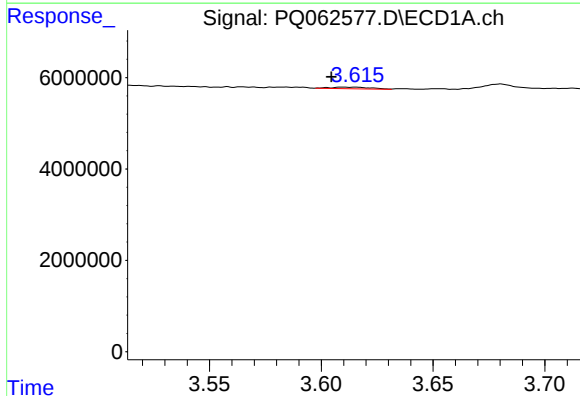
R.T.: 4.972 min
Delta R.T.: 0.012 min
Response: 322569
Conc: 2.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



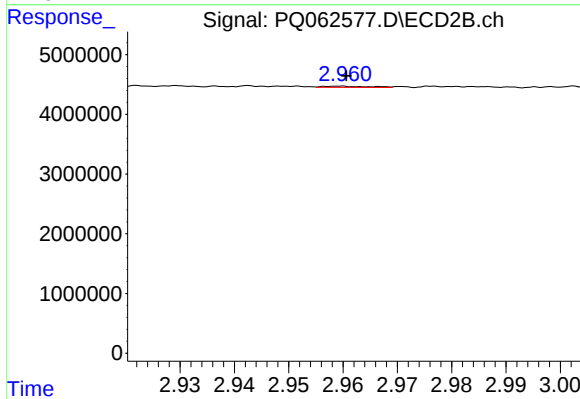
#7 AR-1016-5

R.T.: 4.173 min
Delta R.T.: -0.006 min
Response: 303662
Conc: 3.70 ng/ml



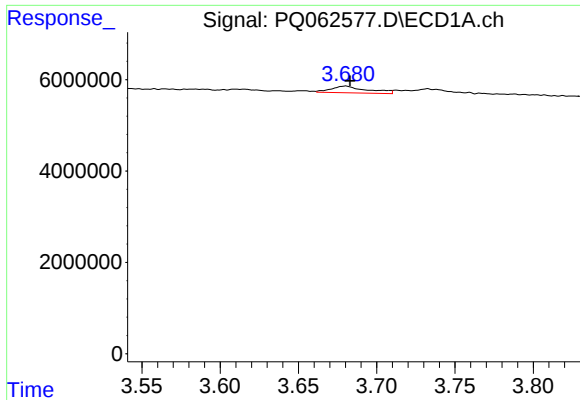
#8 AR-1221-1

R.T.: 3.610 min
Delta R.T.: 0.005 min
Response: 450085
Conc: 7.49 ng/ml



#8 AR-1221-1

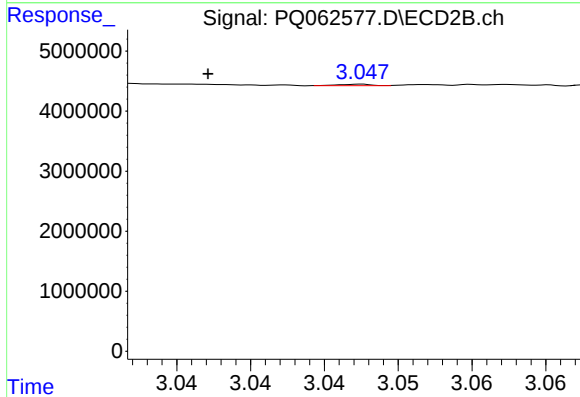
R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 122829
Conc: 3.72 ng/ml



#9 AR-1221-2

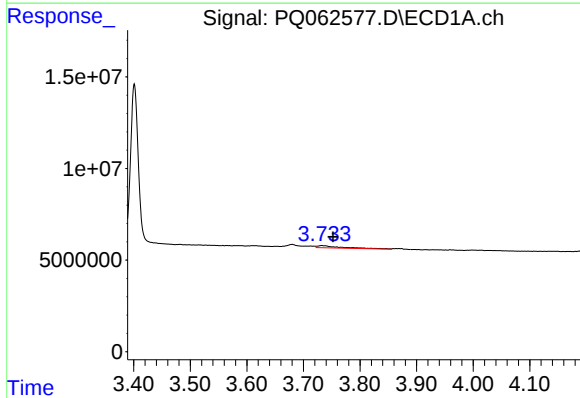
R.T.: 3.680 min
Delta R.T.: -0.003 min
Response: 2392652
Conc: 53.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



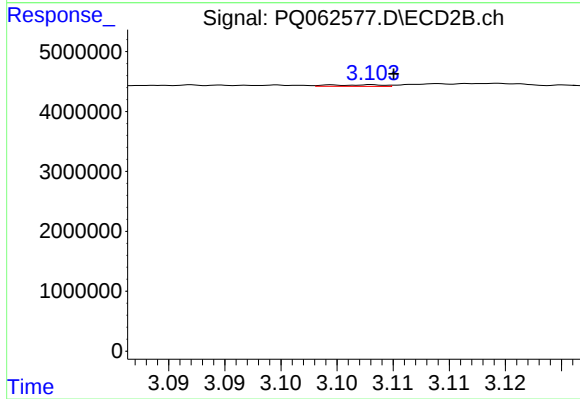
#9 AR-1221-2

R.T.: 3.048 min
Delta R.T.: 0.010 min
Response: 37552
Conc: 1.48 ng/ml



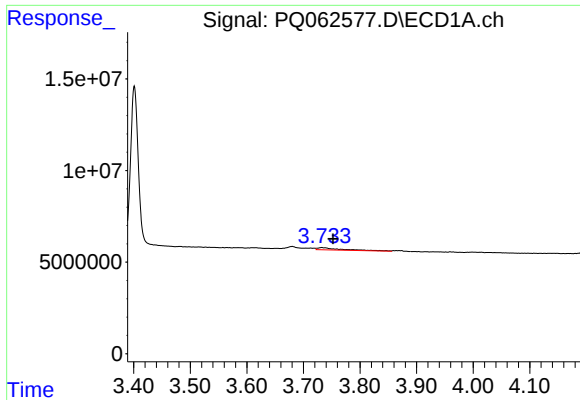
#10 AR-1221-3

R.T.: 3.732 min
Delta R.T.: -0.020 min
Response: 3656092
Conc: 26.02 ng/ml



#10 AR-1221-3

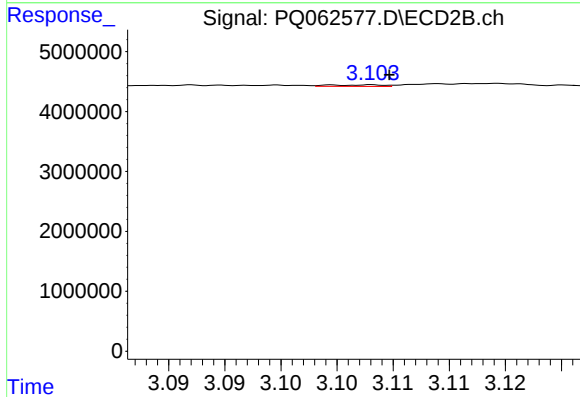
R.T.: 3.103 min
Delta R.T.: -0.002 min
Response: 84725
Conc: 1.10 ng/ml



#11 AR-1232-1

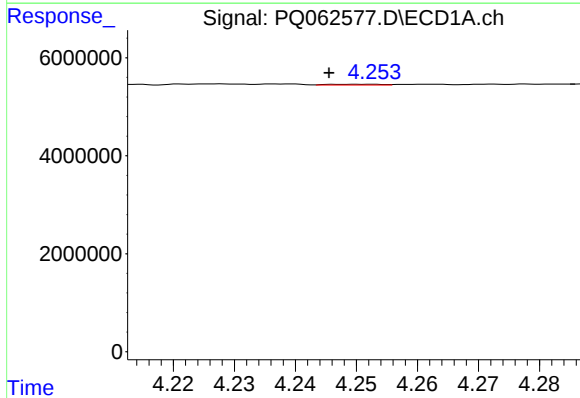
R.T.: 3.732 min
Delta R.T.: -0.020 min
Response: 3656092
Conc: 34.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



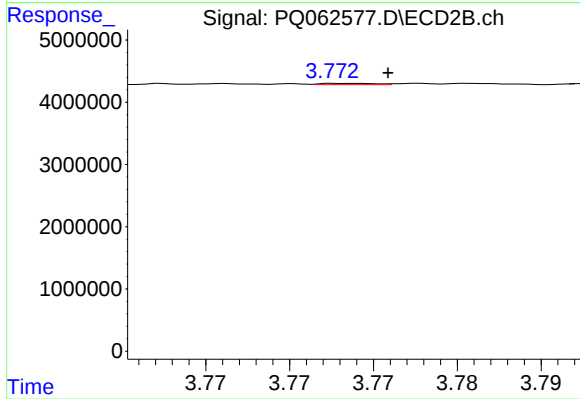
#11 AR-1232-1

R.T.: 3.103 min
Delta R.T.: -0.001 min
Response: 84725
Conc: 1.48 ng/ml



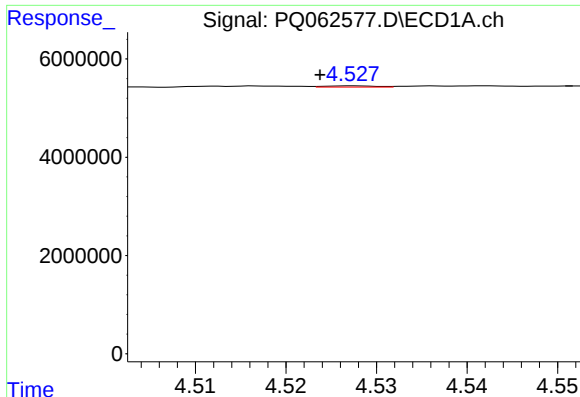
#12 AR-1232-2

R.T.: 4.252 min
Delta R.T.: 0.006 min
Response: 86979
Conc: 1.47 ng/ml



#12 AR-1232-2

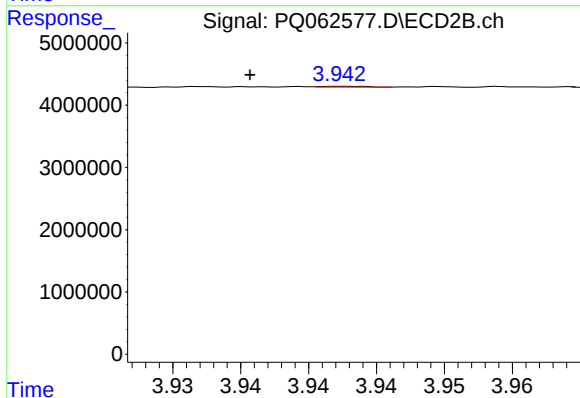
R.T.: 3.774 min
Delta R.T.: -0.002 min
Response: 47521
Conc: 0.71 ng/ml



#13 AR-1232-3

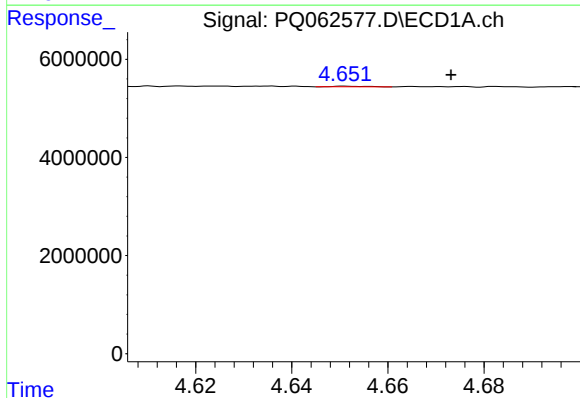
R.T.: 4.527 min
Delta R.T.: 0.004 min
Response: 99891
Conc: 0.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



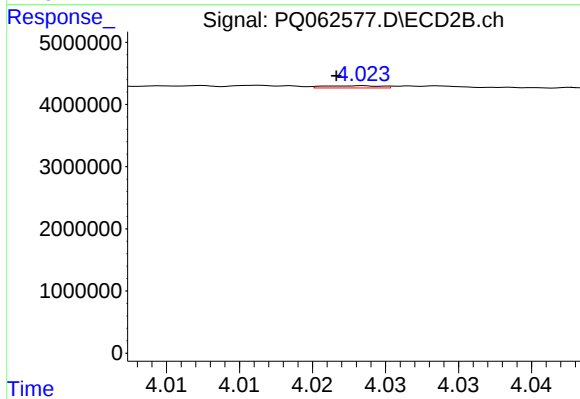
#13 AR-1232-3

R.T.: 3.943 min
Delta R.T.: 0.007 min
Response: 33224
Conc: 0.96 ng/ml



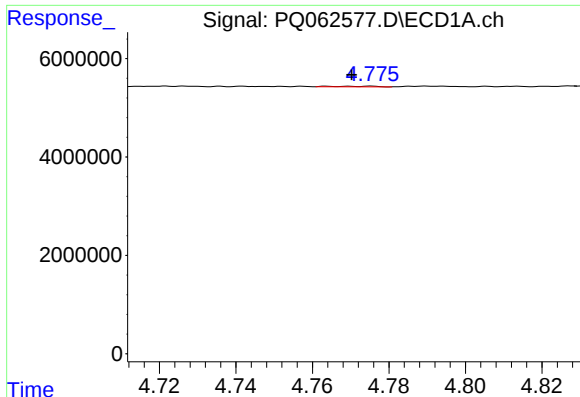
#14 AR-1232-4

R.T.: 4.651 min
Delta R.T.: -0.022 min
Response: 55809
Conc: 0.98 ng/ml



#14 AR-1232-4

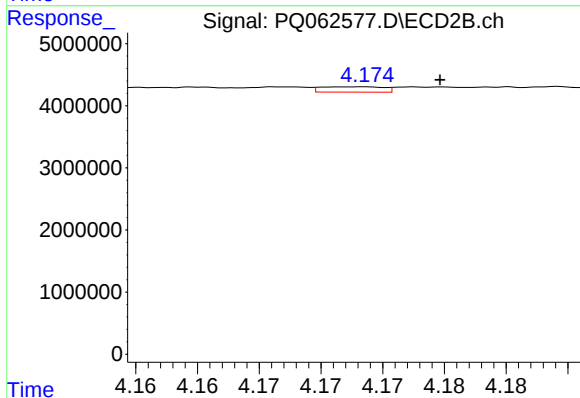
R.T.: 4.023 min
Delta R.T.: 0.002 min
Response: 96151
Conc: 3.23 ng/ml



#15 AR-1232-5

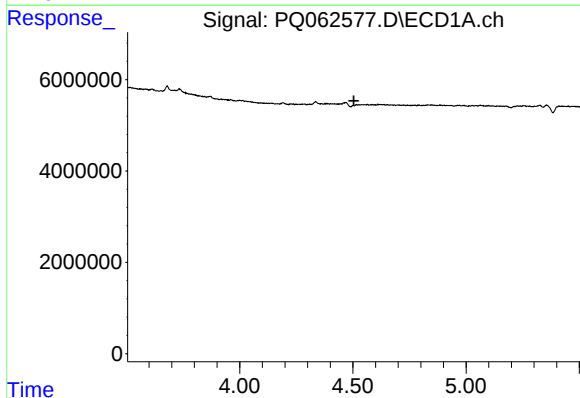
R.T.: 4.775 min
Delta R.T.: 0.005 min
Response: 97279
Conc: 2.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



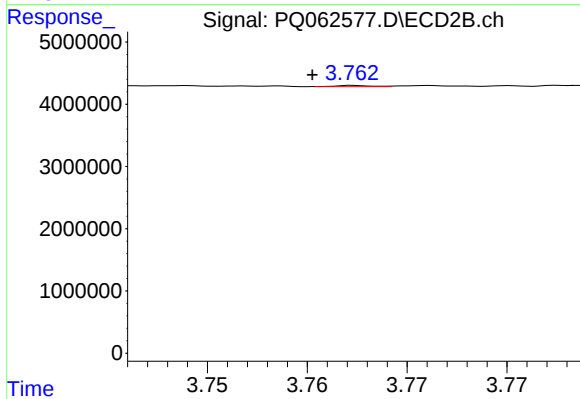
#15 AR-1232-5

R.T.: 4.173 min
Delta R.T.: -0.006 min
Response: 303662
Conc: 8.52 ng/ml



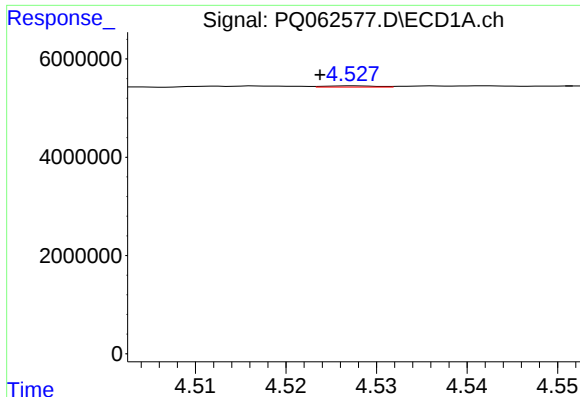
#16 AR-1242-1

R.T.: 4.501 min
Delta R.T.: -0.003 min
Response: -304170
Conc: N.D.



#16 AR-1242-1

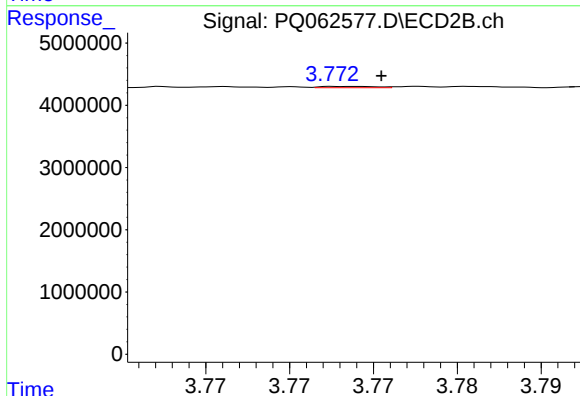
R.T.: 3.763 min
Delta R.T.: 0.002 min
Response: 22975
Conc: 0.30 ng/ml



#17 AR-1242-2

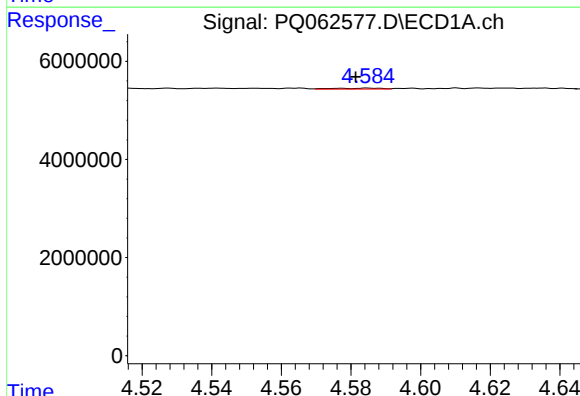
R.T.: 4.527 min
Delta R.T.: 0.004 min
Response: 99891
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



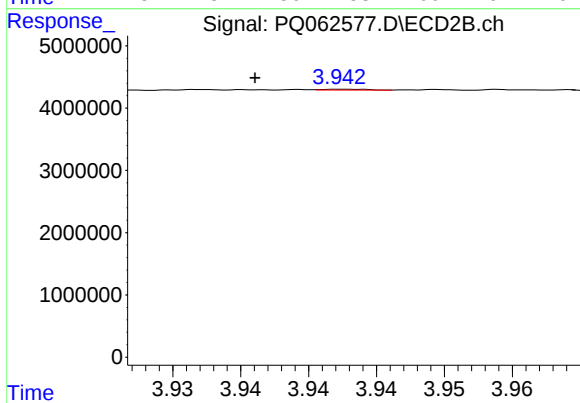
#17 AR-1242-2

R.T.: 3.774 min
Delta R.T.: -0.002 min
Response: 47521
Conc: 0.43 ng/ml



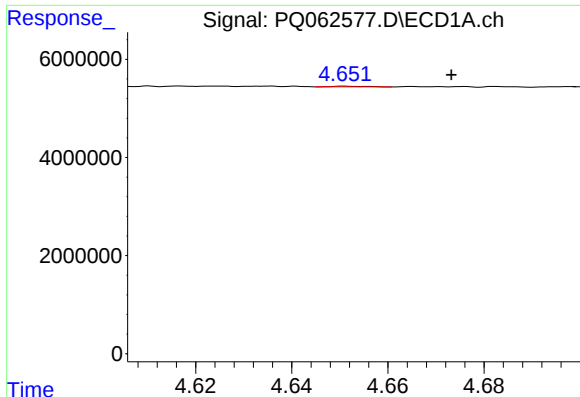
#18 AR-1242-3

R.T.: 4.585 min
Delta R.T.: 0.004 min
Response: 184022
Conc: 1.52 ng/ml



#18 AR-1242-3

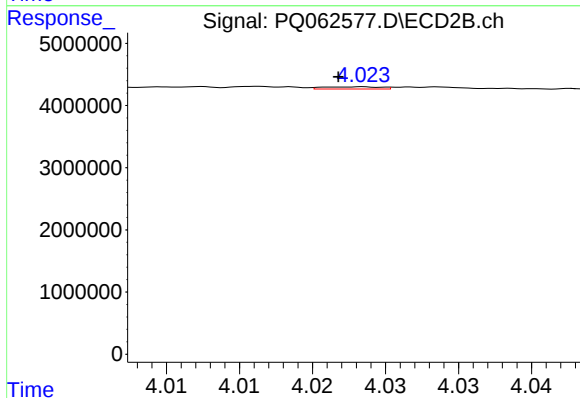
R.T.: 3.943 min
Delta R.T.: 0.007 min
Response: 33224
Conc: 0.57 ng/ml



#19 AR-1242-4

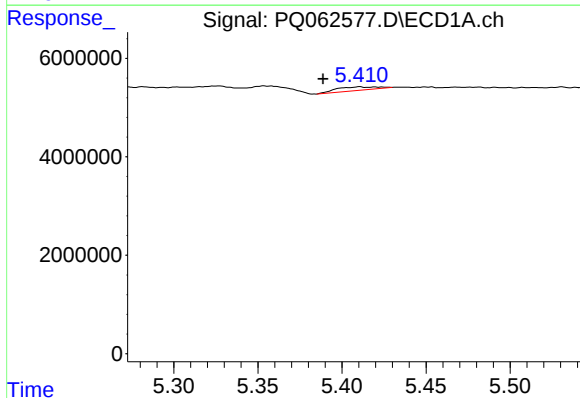
R.T.: 4.651 min
Delta R.T.: -0.022 min
Response: 55809
Conc: 0.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



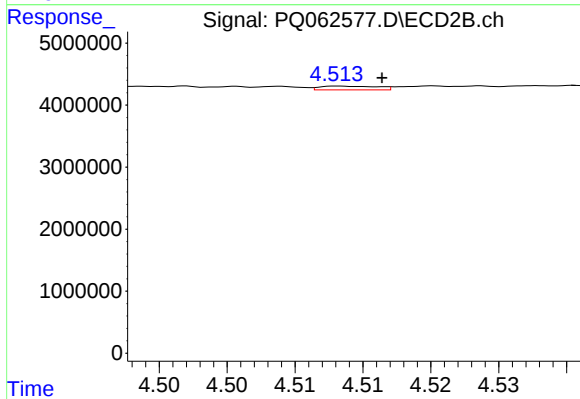
#19 AR-1242-4

R.T.: 4.023 min
Delta R.T.: 0.002 min
Response: 96151
Conc: 1.64 ng/ml



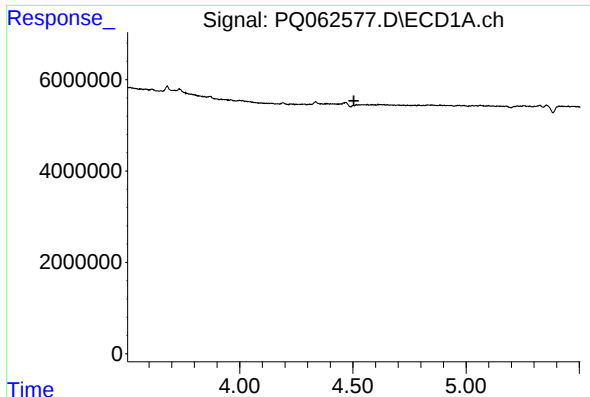
#20 AR-1242-5

R.T.: 5.410 min
Delta R.T.: 0.022 min
Response: 1214010
Conc: 12.68 ng/ml



#20 AR-1242-5

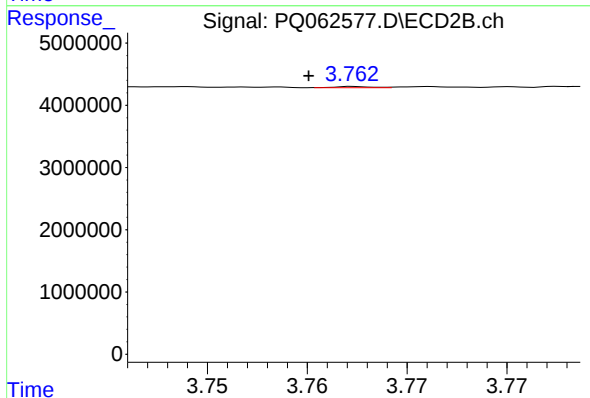
R.T.: 4.513 min
Delta R.T.: -0.003 min
Response: 174211
Conc: 2.10 ng/ml



#21 AR-1248-1

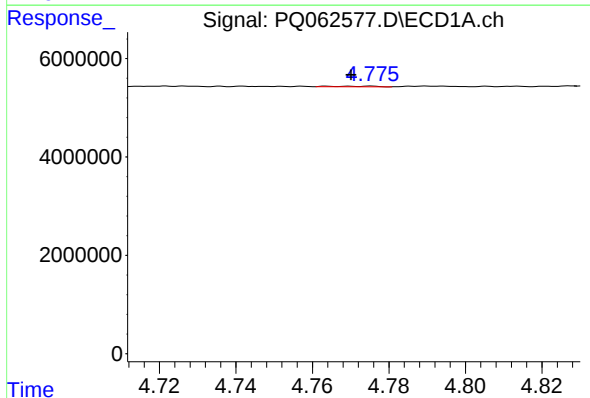
R.T.: 4.501 min
Delta R.T.: -0.003 min
Response: -304170
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



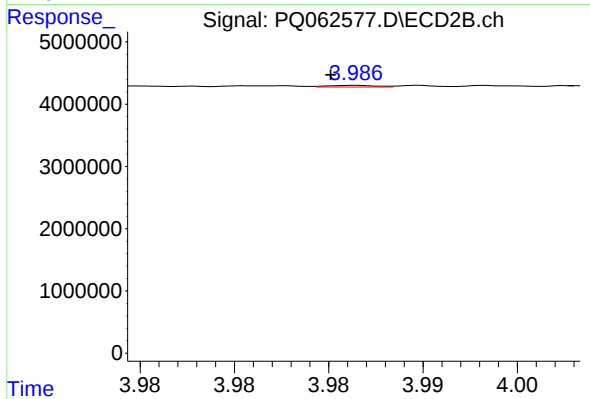
#21 AR-1248-1

R.T.: 3.763 min
Delta R.T.: 0.003 min
Response: 22975
Conc: 0.37 ng/ml



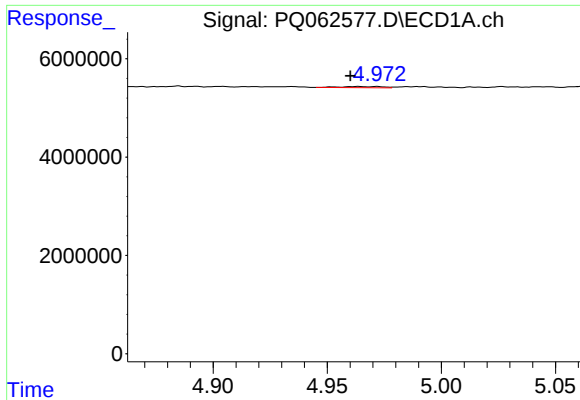
#22 AR-1248-2

R.T.: 4.775 min
Delta R.T.: 0.005 min
Response: 97279
Conc: 0.68 ng/ml



#22 AR-1248-2

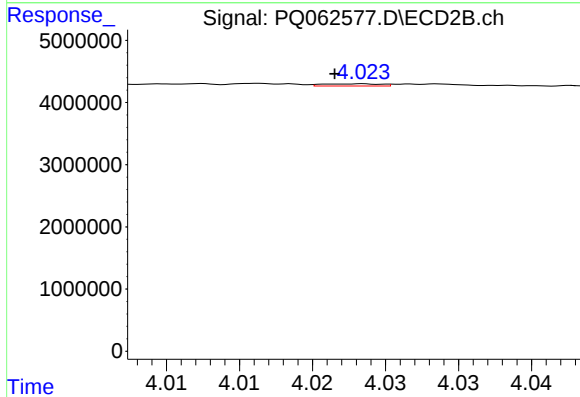
R.T.: 3.987 min
Delta R.T.: 0.002 min
Response: 45034
Conc: 0.48 ng/ml



#23 AR-1248-3

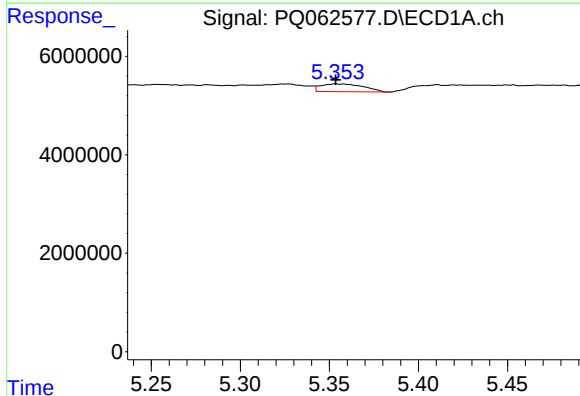
R.T.: 4.972 min
Delta R.T.: 0.012 min
Response: 322569
Conc: 1.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



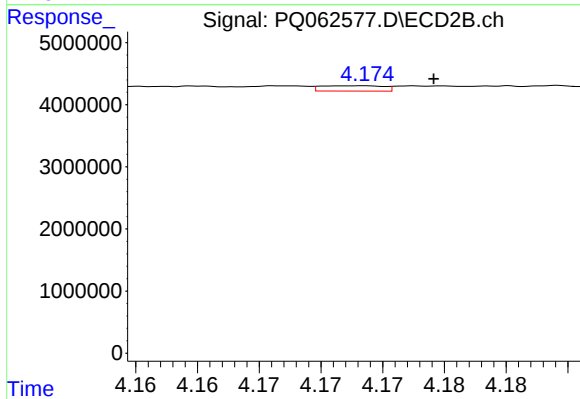
#23 AR-1248-3

R.T.: 4.023 min
Delta R.T.: 0.002 min
Response: 96151
Conc: 1.06 ng/ml



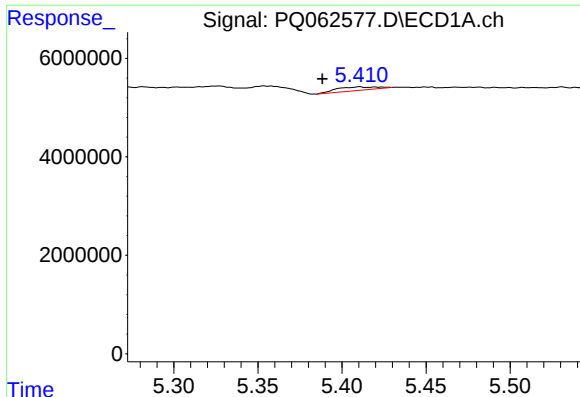
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 2609094
Conc: 13.59 ng/ml



#24 AR-1248-4

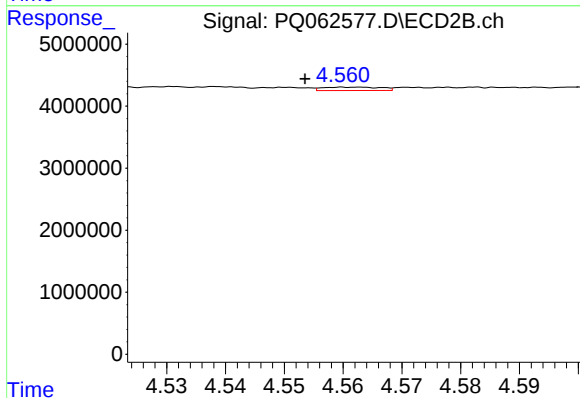
R.T.: 4.173 min
Delta R.T.: -0.006 min
Response: 303662
Conc: 2.69 ng/ml



#25 AR-1248-5

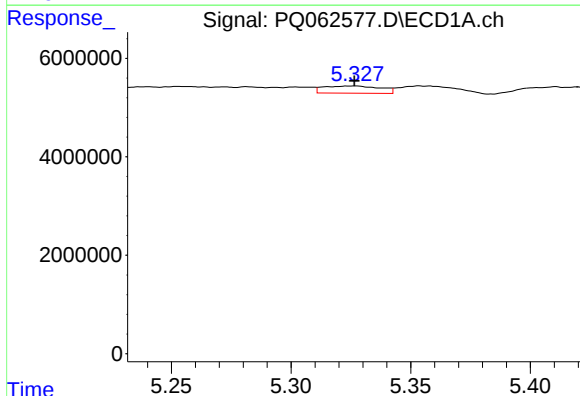
R.T.: 5.410 min
Delta R.T.: 0.022 min
Response: 1214010
Conc: 6.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



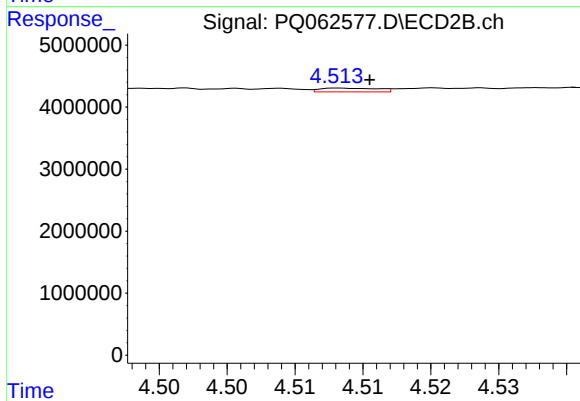
#25 AR-1248-5

R.T.: 4.560 min
Delta R.T.: 0.007 min
Response: 371642
Conc: 3.32 ng/ml



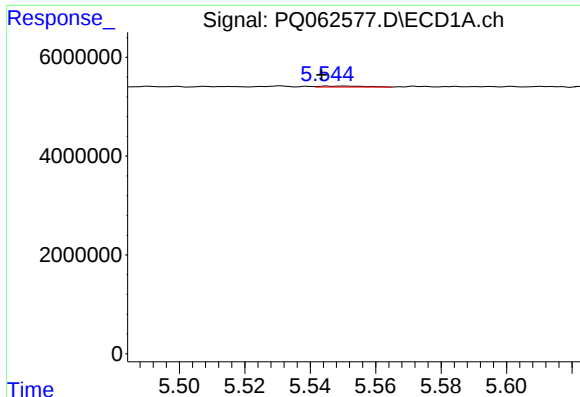
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 2406851
Conc: 12.95 ng/ml



#26 AR-1254-1

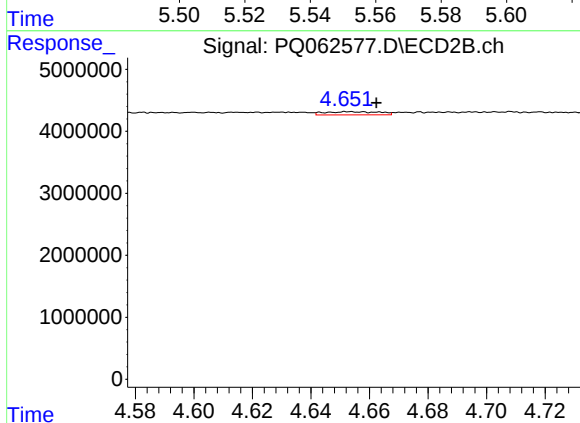
R.T.: 4.513 min
Delta R.T.: -0.002 min
Response: 174211
Conc: 1.08 ng/ml



#27 AR-1254-2

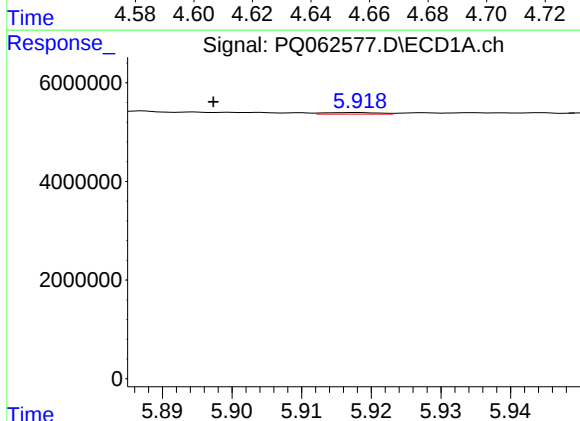
R.T.: 5.545 min
Delta R.T.: 0.002 min
Response: 170284
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



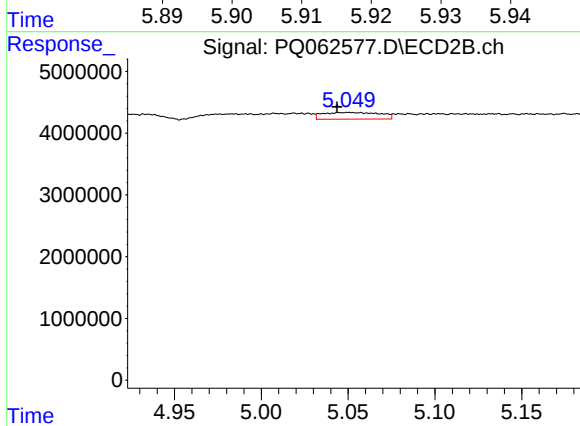
#27 AR-1254-2

R.T.: 4.652 min
Delta R.T.: -0.010 min
Response: 663048
Conc: 4.50 ng/ml



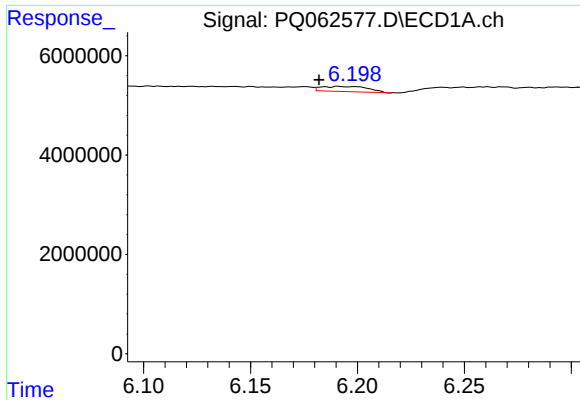
#28 AR-1254-3

R.T.: 5.917 min
Delta R.T.: 0.020 min
Response: 163405
Conc: 0.53 ng/ml



#28 AR-1254-3

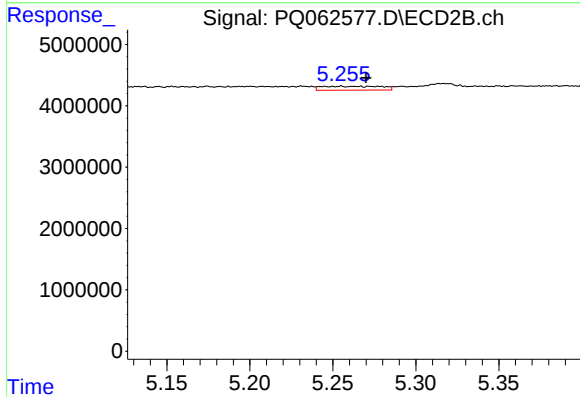
R.T.: 5.051 min
Delta R.T.: 0.007 min
Response: 2480527
Conc: 10.61 ng/ml



#29 AR-1254-4

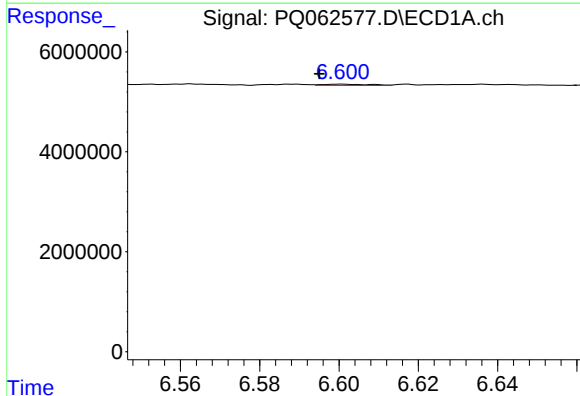
R.T.: 6.191 min
Delta R.T.: 0.009 min
Response: 1567779
Conc: 6.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



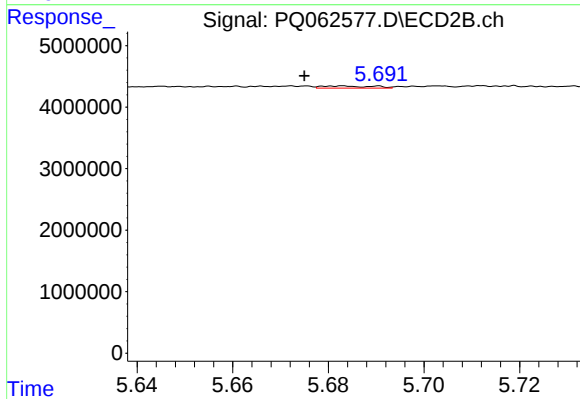
#29 AR-1254-4

R.T.: 5.255 min
Delta R.T.: -0.015 min
Response: 1604976
Conc: 10.53 ng/ml



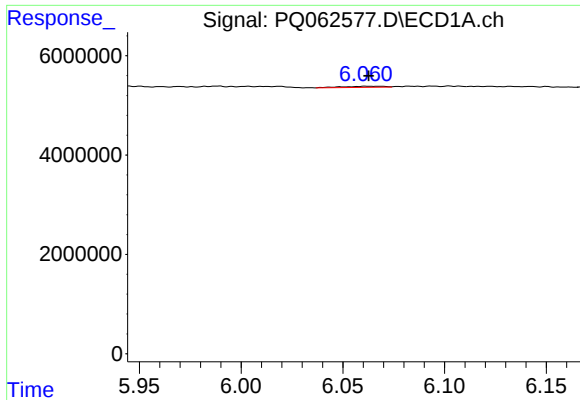
#30 AR-1254-5

R.T.: 6.600 min
Delta R.T.: 0.005 min
Response: 218834
Conc: 0.85 ng/ml



#30 AR-1254-5

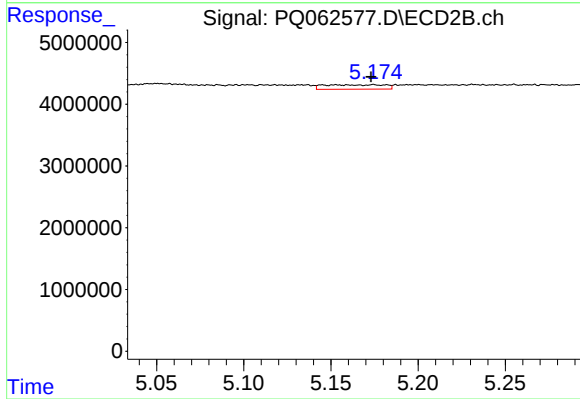
R.T.: 5.683 min
Delta R.T.: 0.008 min
Response: 263613
Conc: 1.14 ng/ml



#31 AR-1260-1

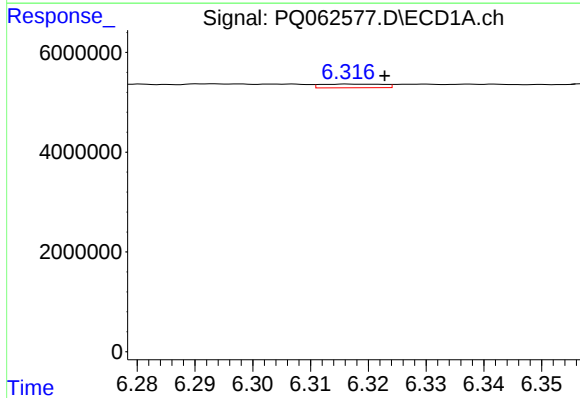
R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 313578
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



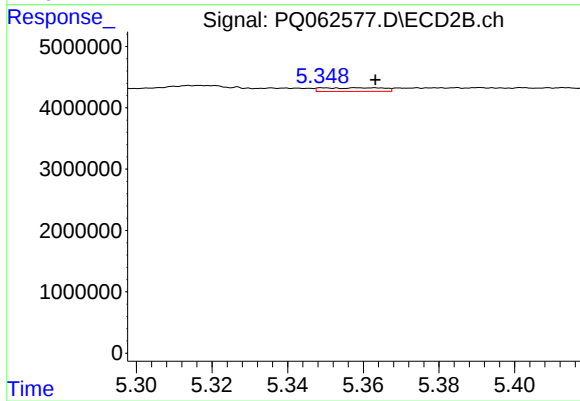
#31 AR-1260-1

R.T.: 5.174 min
Delta R.T.: 0.001 min
Response: 1769854
Conc: 10.63 ng/ml



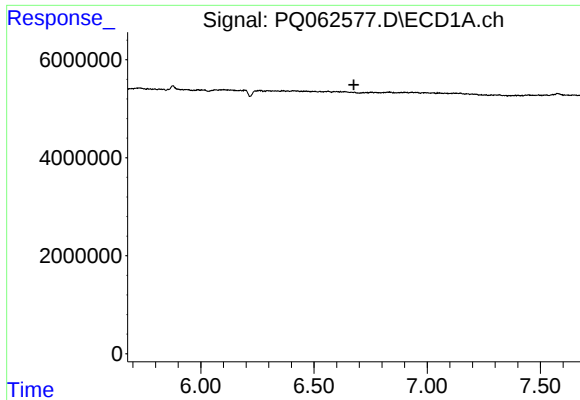
#32 AR-1260-2

R.T.: 6.317 min
Delta R.T.: -0.006 min
Response: 560153
Conc: 1.94 ng/ml



#32 AR-1260-2

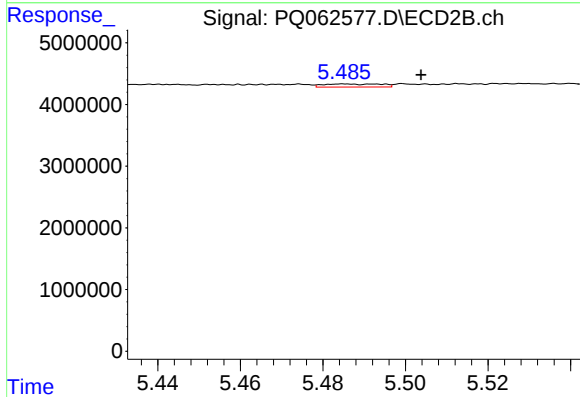
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 654852
Conc: 3.15 ng/ml



#33 AR-1260-3

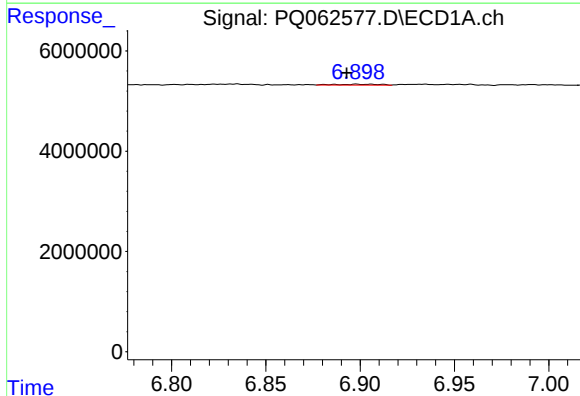
R.T.: 0.000 min
Exp R.T.: 6.676 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



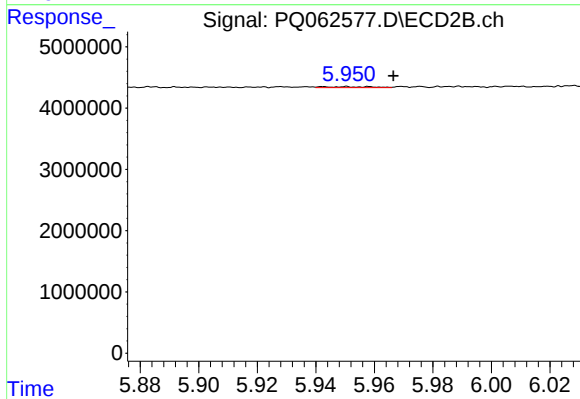
#33 AR-1260-3

R.T.: 5.485 min
Delta R.T.: -0.019 min
Response: 489668
Conc: 2.52 ng/ml



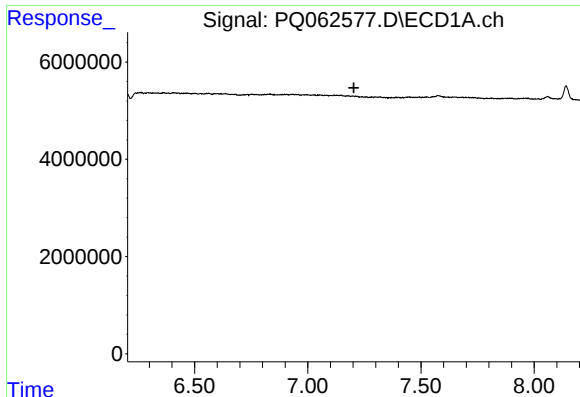
#34 AR-1260-4

R.T.: 6.898 min
Delta R.T.: 0.005 min
Response: 277373
Conc: 1.32 ng/ml



#34 AR-1260-4

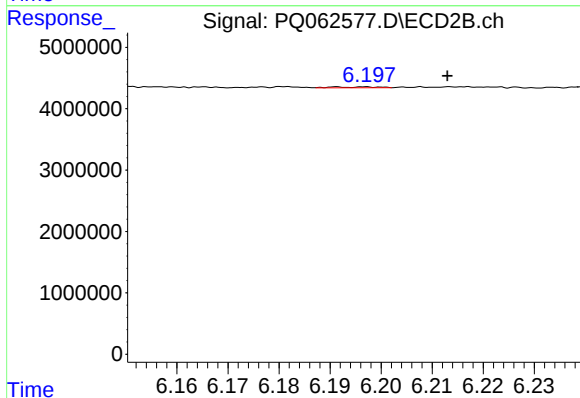
R.T.: 5.951 min
Delta R.T.: -0.016 min
Response: 185536
Conc: 1.27 ng/ml



#35 AR-1260-5

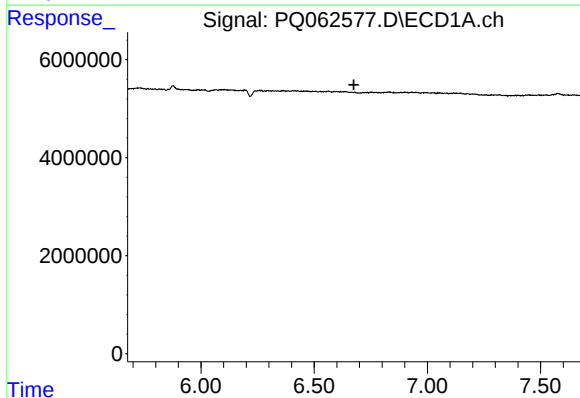
R.T.: 0.000 min
Exp R.T.: 7.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



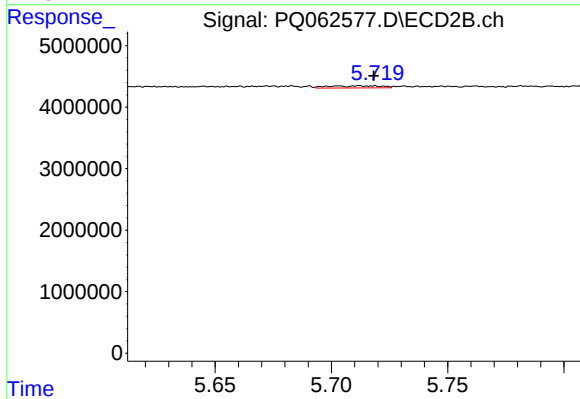
#35 AR-1260-5

R.T.: 6.197 min
Delta R.T.: -0.016 min
Response: 89487
Conc: 0.27 ng/ml



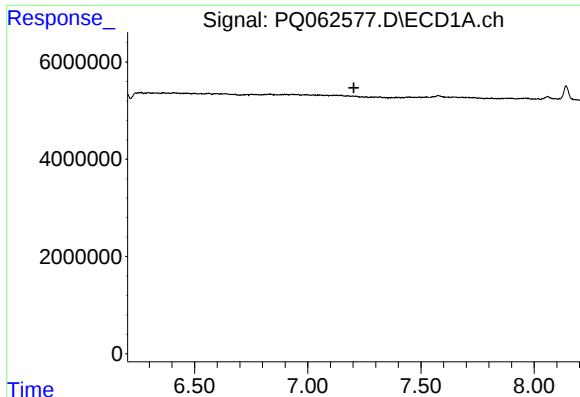
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 6.675 min
Response: 0
Conc: N.D.



#36 AR-1262-1

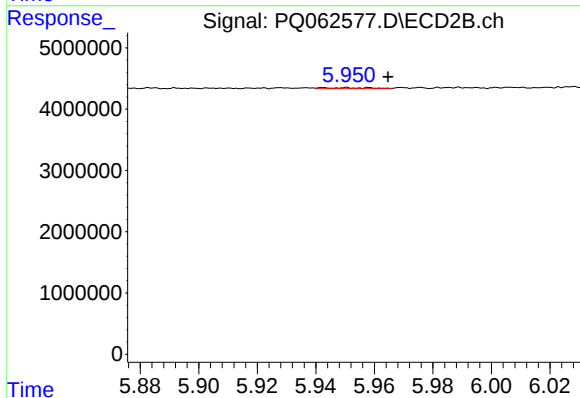
R.T.: 5.712 min
Delta R.T.: -0.006 min
Response: 526335
Conc: 2.26 ng/ml



#37 AR-1262-2

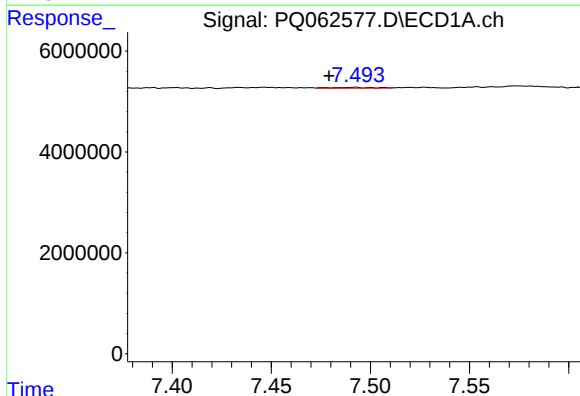
R.T.: 0.000 min
Exp R.T.: 7.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



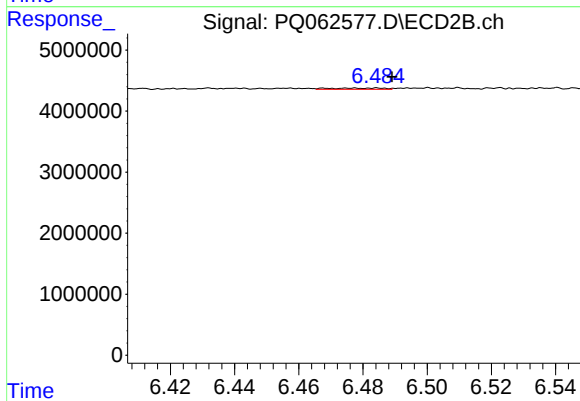
#37 AR-1262-2

R.T.: 5.951 min
Delta R.T.: -0.014 min
Response: 185536
Conc: 0.86 ng/ml



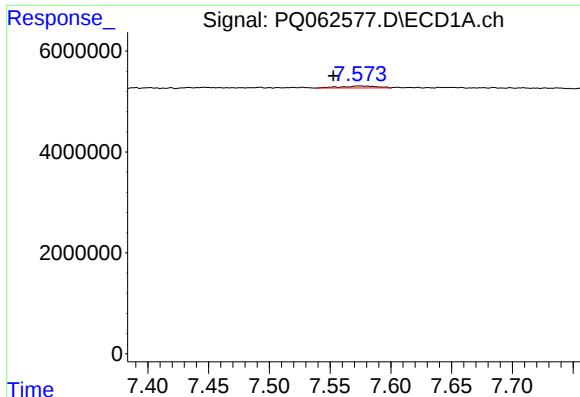
#38 AR-1262-3

R.T.: 7.492 min
Delta R.T.: 0.013 min
Response: 248825
Conc: 0.71 ng/ml



#38 AR-1262-3

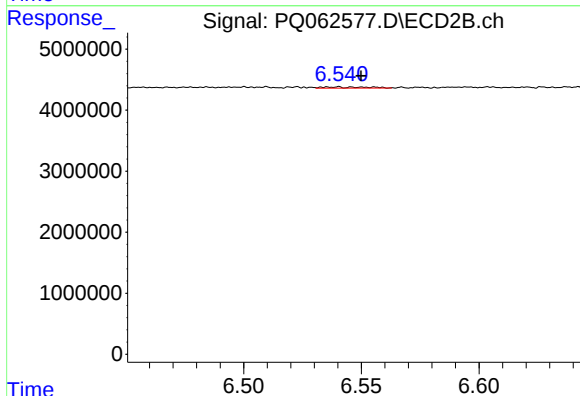
R.T.: 6.484 min
Delta R.T.: -0.005 min
Response: 236789
Conc: 1.36 ng/ml



#39 AR-1262-4

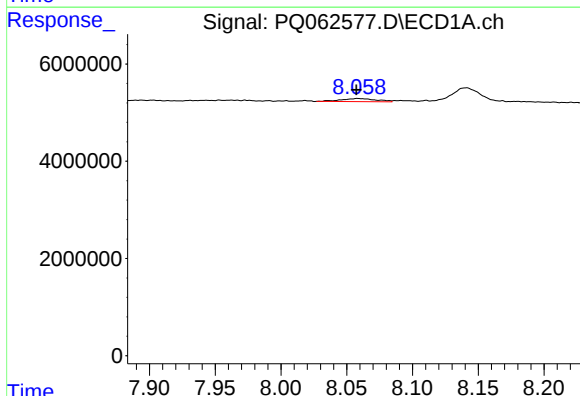
R.T.: 7.574 min
Delta R.T.: 0.021 min
Response: 786235
Conc: 2.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



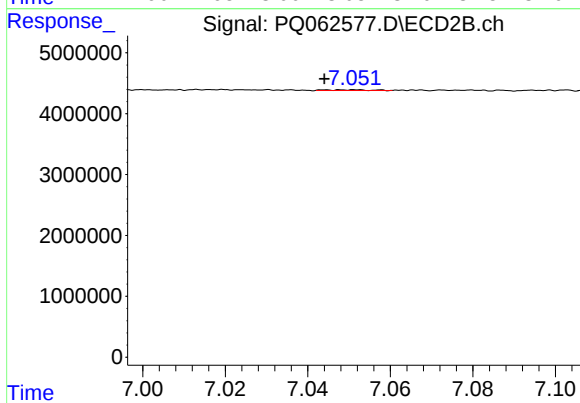
#39 AR-1262-4

R.T.: 6.540 min
Delta R.T.: -0.010 min
Response: 237851
Conc: 0.74 ng/ml



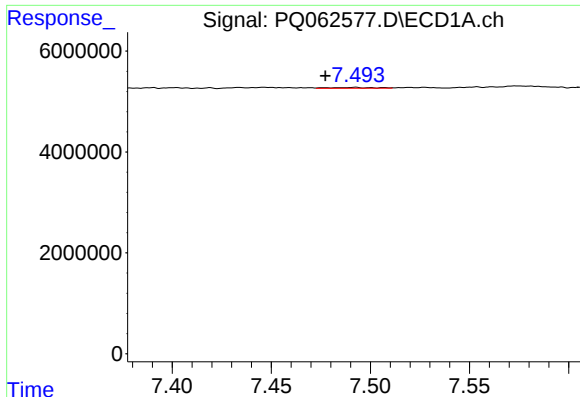
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: 0.001 min
Response: 1173677
Conc: 6.61 ng/ml



#40 AR-1262-5

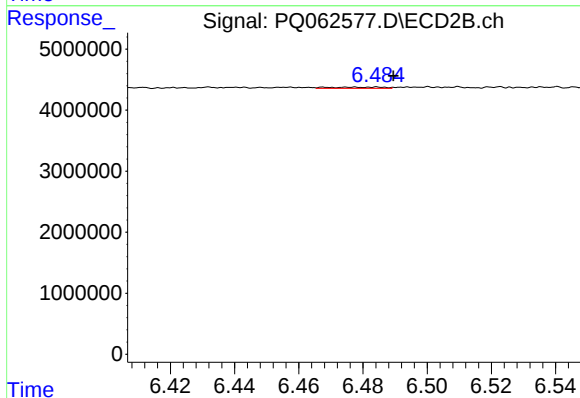
R.T.: 7.051 min
Delta R.T.: 0.008 min
Response: 82367
Conc: 0.53 ng/ml



#41 AR-1268-1

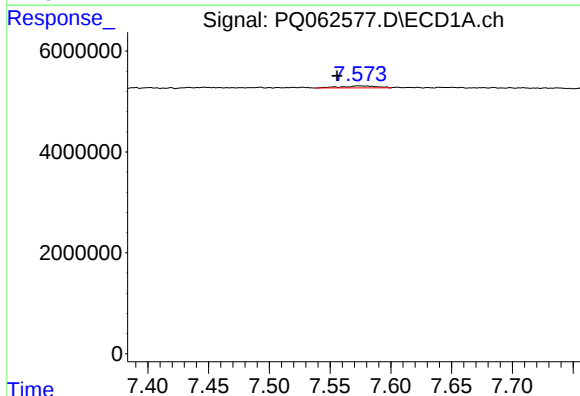
R.T.: 7.492 min
Delta R.T.: 0.015 min
Response: 248825
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



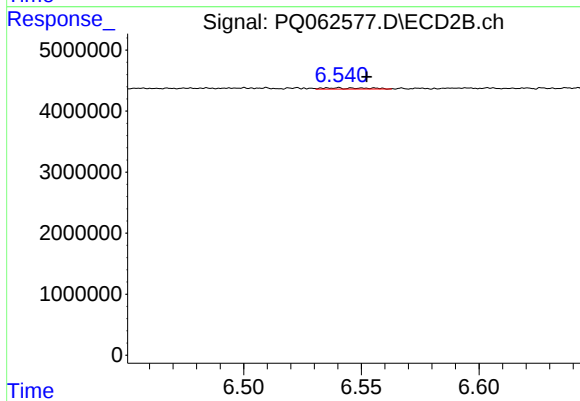
#41 AR-1268-1

R.T.: 6.484 min
Delta R.T.: -0.005 min
Response: 236789
Conc: 0.50 ng/ml



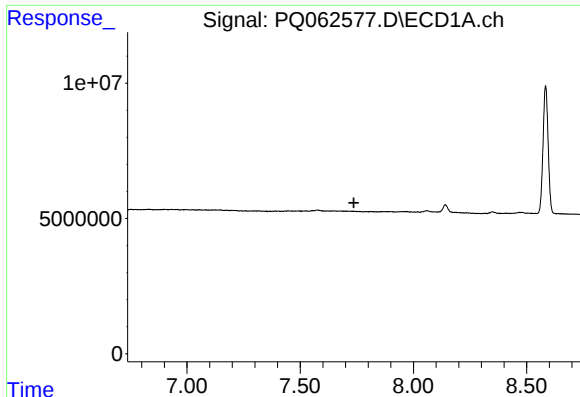
#42 AR-1268-2

R.T.: 7.574 min
Delta R.T.: 0.018 min
Response: 786235
Conc: 1.54 ng/ml



#42 AR-1268-2

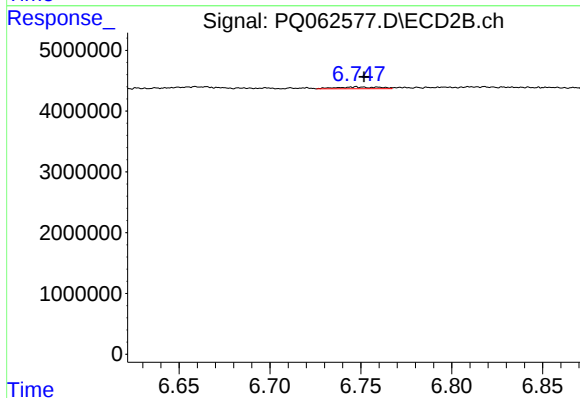
R.T.: 6.540 min
Delta R.T.: -0.012 min
Response: 237851
Conc: 0.56 ng/ml



#43 AR-1268-3

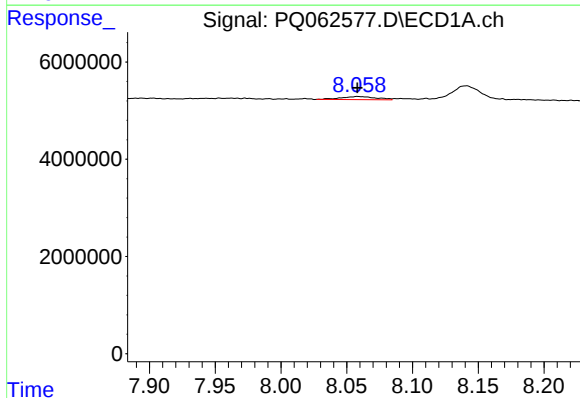
R.T.: 0.000 min
Exp R.T.: 7.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



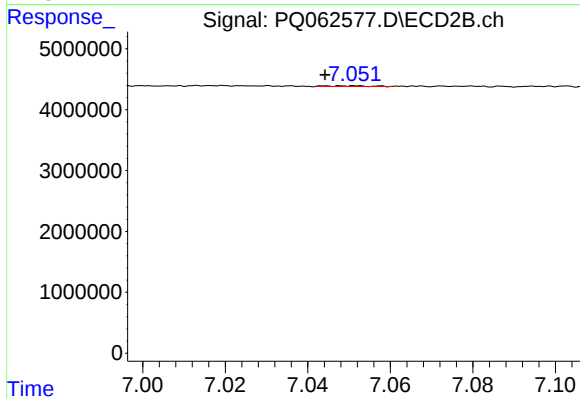
#43 AR-1268-3

R.T.: 6.747 min
Delta R.T.: -0.005 min
Response: 458523
Conc: 1.24 ng/ml



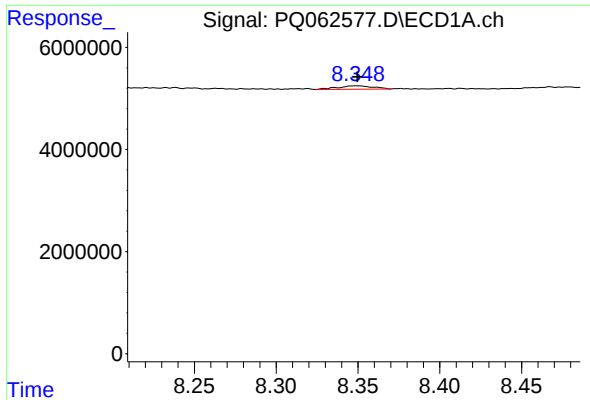
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 1173677
Conc: 6.41 ng/ml



#44 AR-1268-4

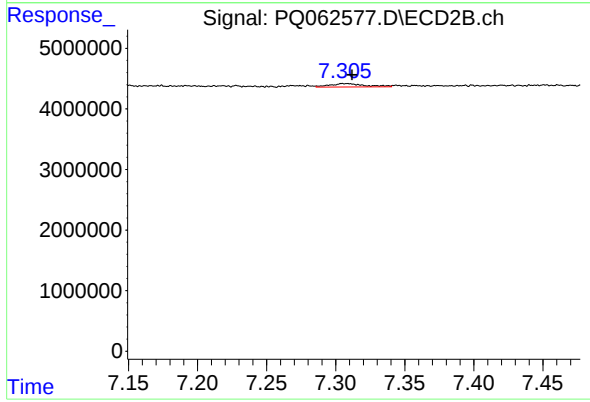
R.T.: 7.051 min
Delta R.T.: 0.007 min
Response: 82367
Conc: 0.51 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 989164
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.306 min
Delta R.T.: -0.006 min
Response: 959956
Conc: 0.82 ng/ml