

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070723\
 Data File : PQ062003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2023 16:08
 Operator : YP\AJ
 Sample : PB154031BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 03:11:22 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...	3.404	2.759	111.4E6	61360842	22.840	24.455
2)	SA Decachlor...	8.585	7.529	89632747	78965002	24.673	23.698
Target Compounds							
3)	L1 AR-1016-1	4.524	3.756	182864	88992	1.110	0.899
4)	L1 AR-1016-2	4.524	3.770	182864	135961	0.740	0.943 #
5)	L1 AR-1016-3	4.585	3.938	89855	294503	0.590	3.904 #
6)	L1 AR-1016-4	4.695	3.999	92289	392826	0.736	5.981 #
7)	L1 AR-1016-5	4.948	4.203	213826	960349	1.757	11.714 #
8)	L2 AR-1221-1	3.615	2.968	201335	78624	3.350	2.383 #
9)	L2 AR-1221-2	3.681	3.028	2620907	990455	58.330	38.994 #
10)	L2 AR-1221-3	3.736	3.106	609968	128218	4.341	1.663 #
11)	L3 AR-1232-1	3.736	3.106	609968	128218	5.776	2.238 #
12)	L3 AR-1232-2	4.246	3.770	231316	135961	3.911	2.043 #
13)	L3 AR-1232-3	4.524	3.938	182864	294503	1.617	8.523 #
14)	L3 AR-1232-4	4.695	4.015	92289	295859	1.629	9.948 #
15)	L3 AR-1232-5	4.761	4.203	114030	960349	2.847	26.930 #
16)	L4 AR-1242-1	4.524	3.756	182864	88992	1.399	1.151
17)	L4 AR-1242-2	4.524	3.770	182864	135961	0.942	1.223 #
18)	L4 AR-1242-3	4.585	3.938	89855	294503	0.744	5.028 #
19)	L4 AR-1242-4	4.695	4.015	92289	295859	0.947	5.046 #
20)	L4 AR-1242-5	5.406	4.527	138800	212400	1.450	2.562 #
21)	L5 AR-1248-1	4.524	3.756	182864	88992	1.759	1.423
22)	L5 AR-1248-2	4.761	3.999	114030	392826	0.794	4.189 #
23)	L5 AR-1248-3	4.972	4.015	102564	295859	0.590	3.268 #
24)	L5 AR-1248-4	5.356	4.203	1469625	960349	7.657	8.511
25)	L5 AR-1248-5	5.406	4.546	138800	305685	0.766	2.729 #
26)	L6 AR-1254-1	5.315	4.527	421592	212400	2.269	1.315 #
27)	L6 AR-1254-2	5.545	4.641	419325	330758	1.442	2.247 #
28)	L6 AR-1254-3	5.907	5.033	234004	788849	0.762	3.375 #
29)	L6 AR-1254-4	6.194	5.281	977015	799631	4.208	5.246
30)	L6 AR-1254-5	6.571	5.679	153454	193664	0.597	0.839 #
31)	L7 AR-1260-1	6.056	5.153	48468	251058	0.205	1.507 #
32)	L7 AR-1260-2	6.332	5.357	402954	380533	1.395	1.830 #
33)	L7 AR-1260-3	6.668	5.491	112695	188462	0.638	0.969 #
34)	L7 AR-1260-4	0.000	5.972	0	408220	N.D.	2.799 #
35)	L7 AR-1260-5	7.247f	6.251f	37061	426682	0.090	1.285 #
36)	L8 AR-1262-1	6.668	5.723	112695	113968	0.370	0.490 #
37)	L8 AR-1262-2	7.247f	5.972	37061	408220	0.070	1.888 #
38)	L8 AR-1262-3	0.000	6.458f	0	272440	N.D.	1.563 #
39)	L8 AR-1262-4	7.533	0.000	276710	0	1.037	N.D. #
40)	L8 AR-1262-5	8.055	7.051	177314	238967	0.999	1.541 #
41)	L9 AR-1268-1	0.000	6.458f	0	272440	N.D.	0.579 #

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 Sample : PB154031BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

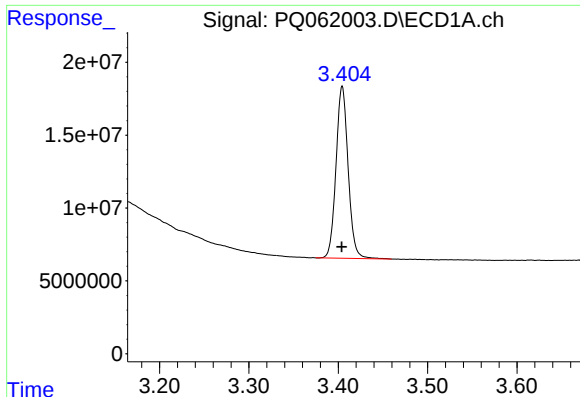
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 03:11:22 2023
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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	7.533	0.000	276710	0	0.543	N.D. #
43) L9	AR-1268-3	7.735	6.748	209260	634725	0.490	1.723 #
44) L9	AR-1268-4	8.055	7.051	177314	238967	0.969	1.494 #
45) L9	AR-1268-5	8.351	7.312	735206	560468	0.583	0.480

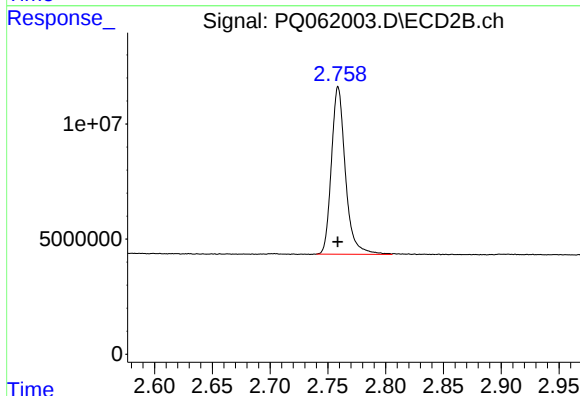
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

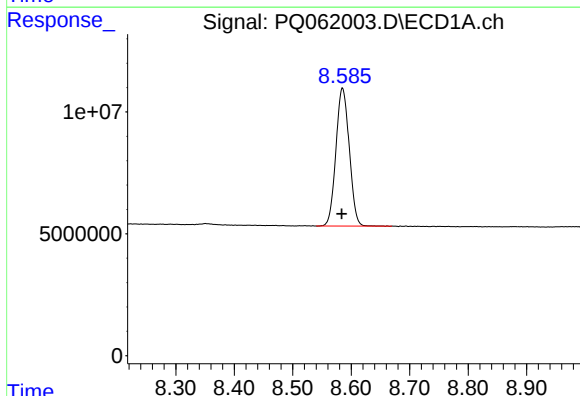
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 111417604
Conc: 22.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



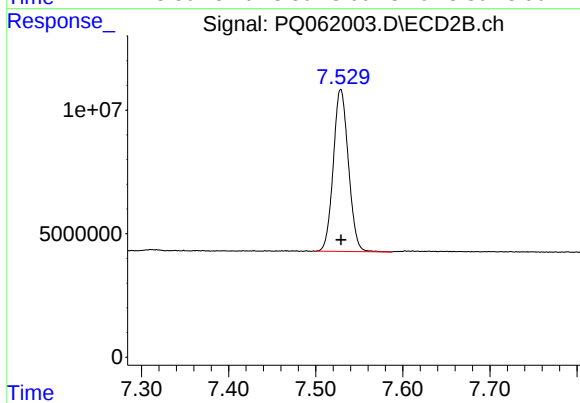
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 61360842
Conc: 24.46 ng/ml



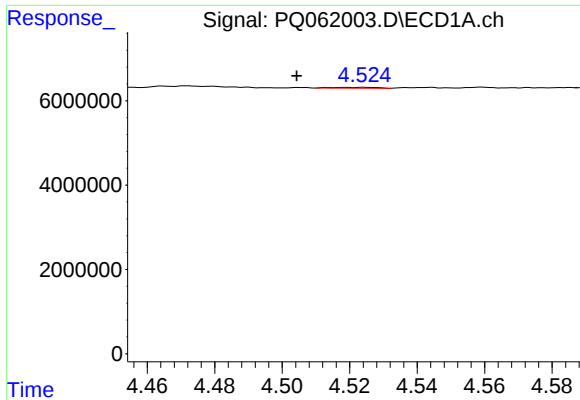
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.001 min
Response: 89632747
Conc: 24.67 ng/ml



#2 Decachlorobiphenyl

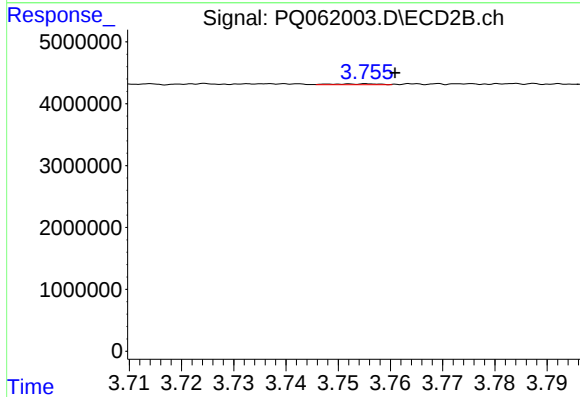
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 78965002
Conc: 23.70 ng/ml



#3 AR-1016-1

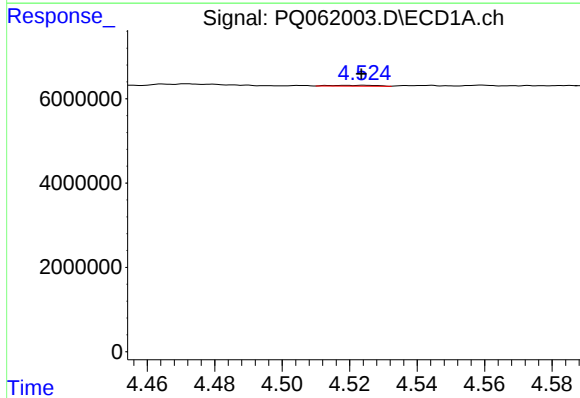
R.T.: 4.524 min
Delta R.T.: 0.020 min
Response: 182864
Conc: 1.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



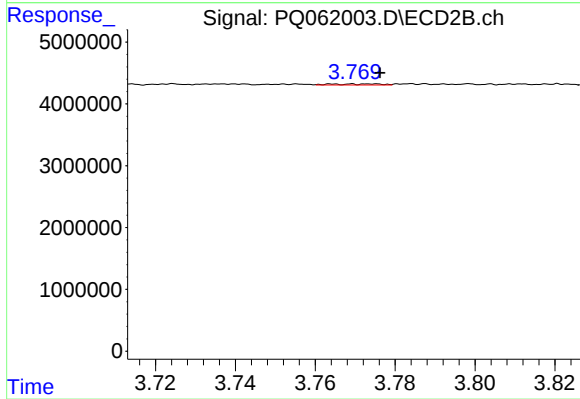
#3 AR-1016-1

R.T.: 3.756 min
Delta R.T.: -0.005 min
Response: 88992
Conc: 0.90 ng/ml



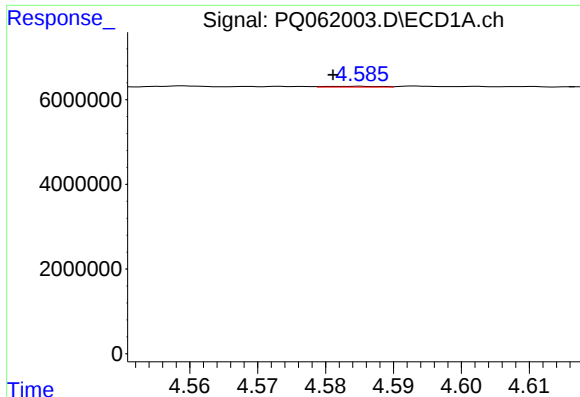
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 182864
Conc: 0.74 ng/ml



#4 AR-1016-2

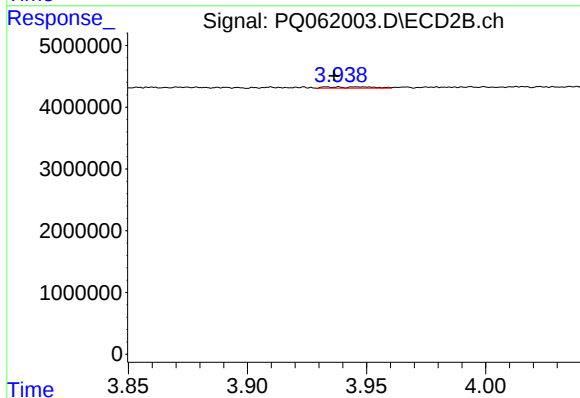
R.T.: 3.770 min
Delta R.T.: -0.006 min
Response: 135961
Conc: 0.94 ng/ml



#5 AR-1016-3

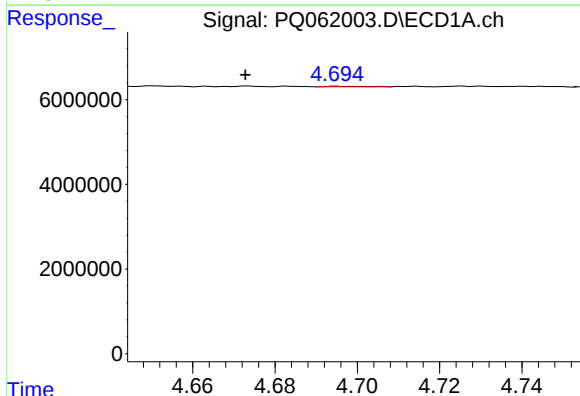
R.T.: 4.585 min
Delta R.T.: 0.004 min
Response: 89855
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



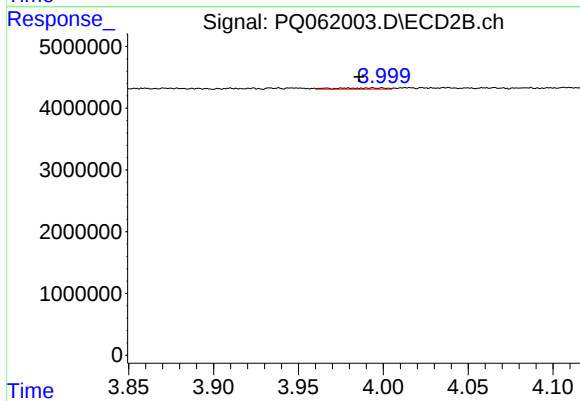
#5 AR-1016-3

R.T.: 3.938 min
Delta R.T.: 0.002 min
Response: 294503
Conc: 3.90 ng/ml



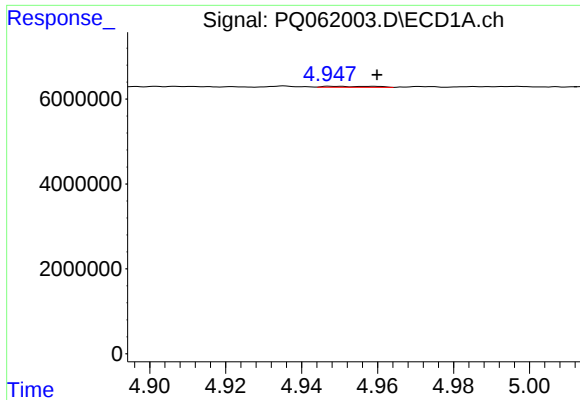
#6 AR-1016-4

R.T.: 4.695 min
Delta R.T.: 0.022 min
Response: 92289
Conc: 0.74 ng/ml



#6 AR-1016-4

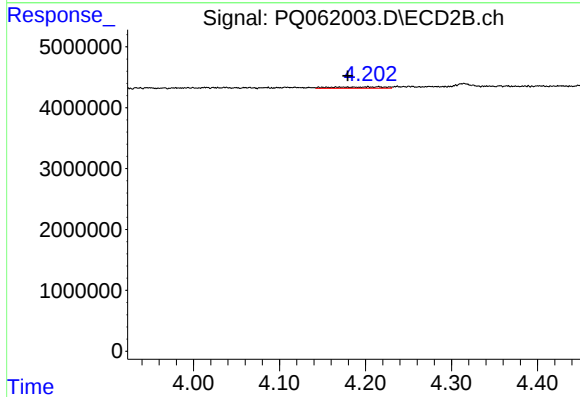
R.T.: 3.999 min
Delta R.T.: 0.014 min
Response: 392826
Conc: 5.98 ng/ml



#7 AR-1016-5

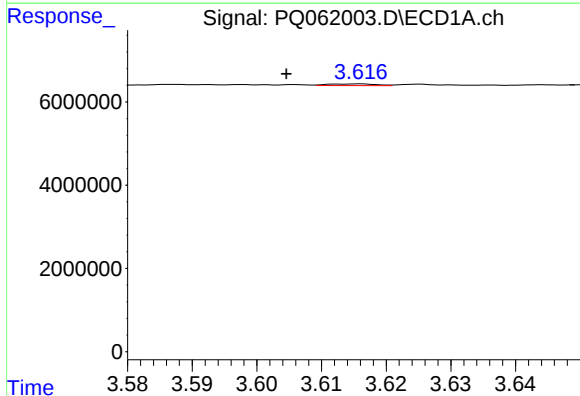
R.T.: 4.948 min
Delta R.T.: -0.012 min
Response: 213826
Conc: 1.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



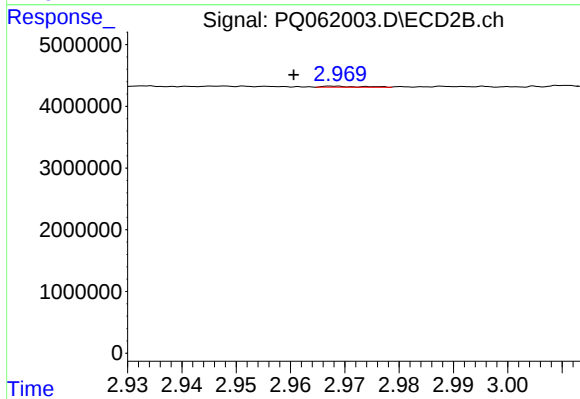
#7 AR-1016-5

R.T.: 4.203 min
Delta R.T.: 0.023 min
Response: 960349
Conc: 11.71 ng/ml



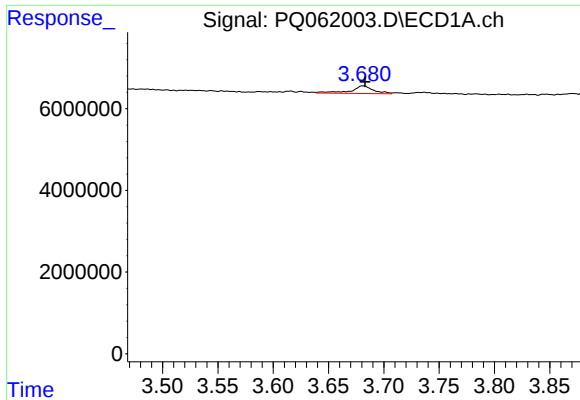
#8 AR-1221-1

R.T.: 3.615 min
Delta R.T.: 0.011 min
Response: 201335
Conc: 3.35 ng/ml



#8 AR-1221-1

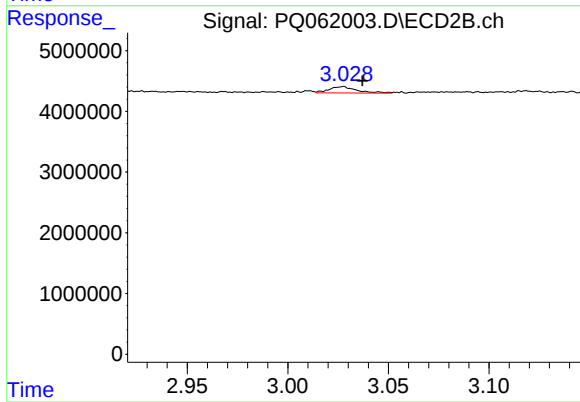
R.T.: 2.968 min
Delta R.T.: 0.007 min
Response: 78624
Conc: 2.38 ng/ml



#9 AR-1221-2

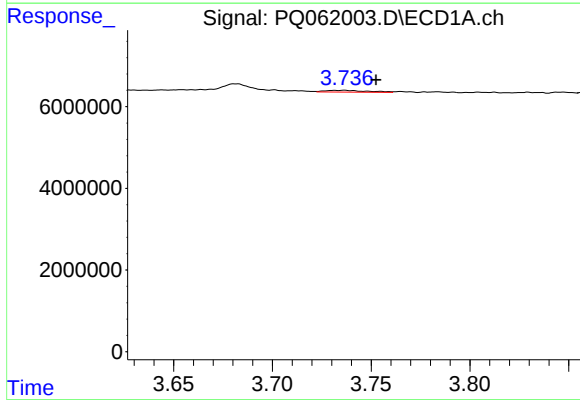
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 2620907
Conc: 58.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



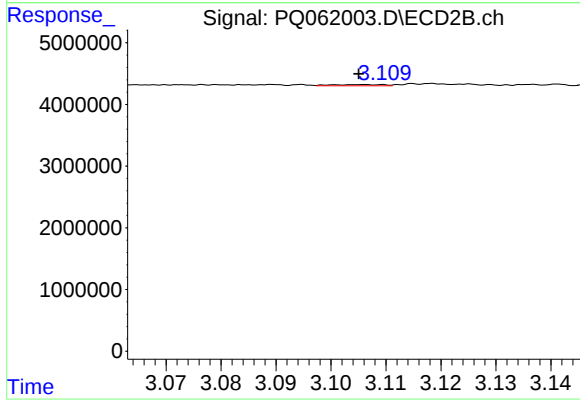
#9 AR-1221-2

R.T.: 3.028 min
Delta R.T.: -0.009 min
Response: 990455
Conc: 38.99 ng/ml



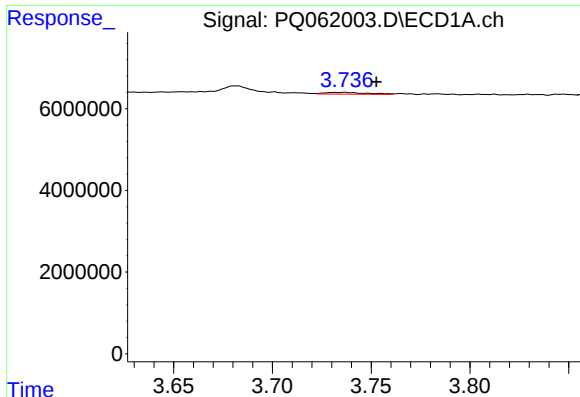
#10 AR-1221-3

R.T.: 3.736 min
Delta R.T.: -0.016 min
Response: 609968
Conc: 4.34 ng/ml



#10 AR-1221-3

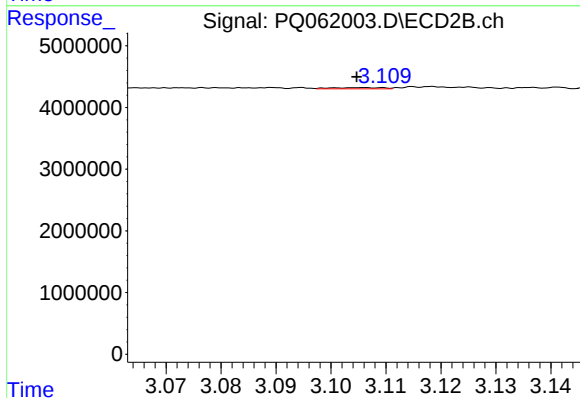
R.T.: 3.106 min
Delta R.T.: 0.001 min
Response: 128218
Conc: 1.66 ng/ml



#11 AR-1232-1

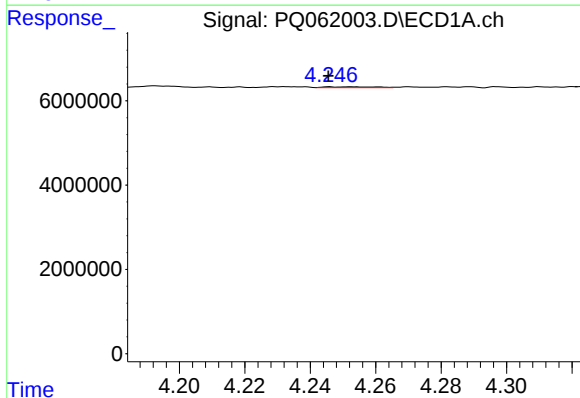
R.T.: 3.736 min
Delta R.T.: -0.016 min
Response: 609968
Conc: 5.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



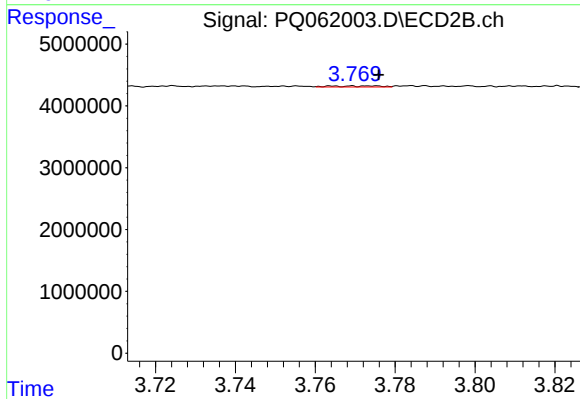
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: 0.002 min
Response: 128218
Conc: 2.24 ng/ml



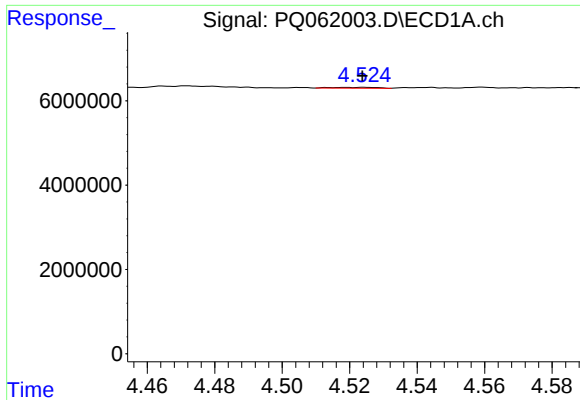
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 231316
Conc: 3.91 ng/ml



#12 AR-1232-2

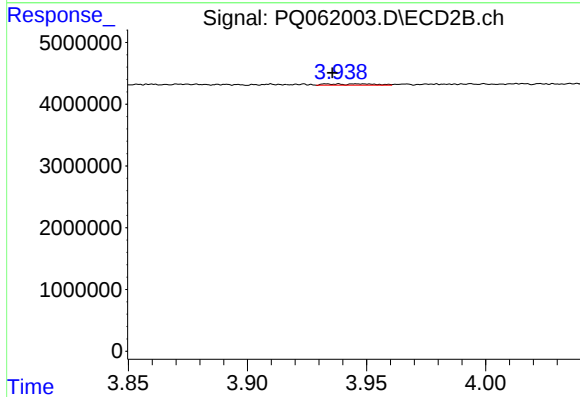
R.T.: 3.770 min
Delta R.T.: -0.006 min
Response: 135961
Conc: 2.04 ng/ml



#13 AR-1232-3

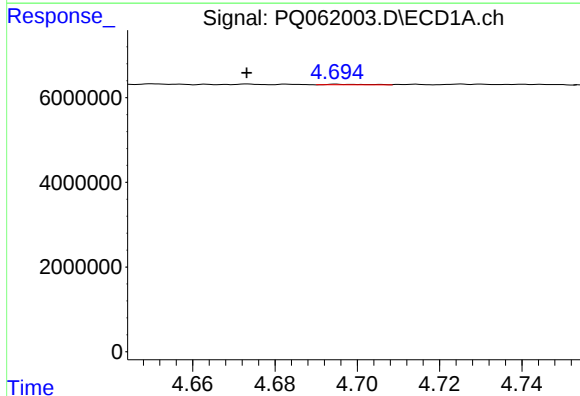
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 182864
Conc: 1.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



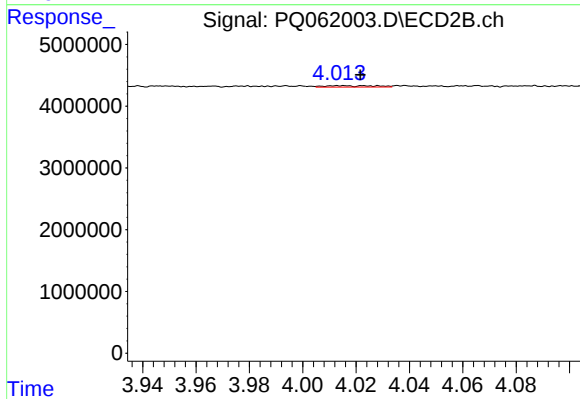
#13 AR-1232-3

R.T.: 3.938 min
Delta R.T.: 0.002 min
Response: 294503
Conc: 8.52 ng/ml



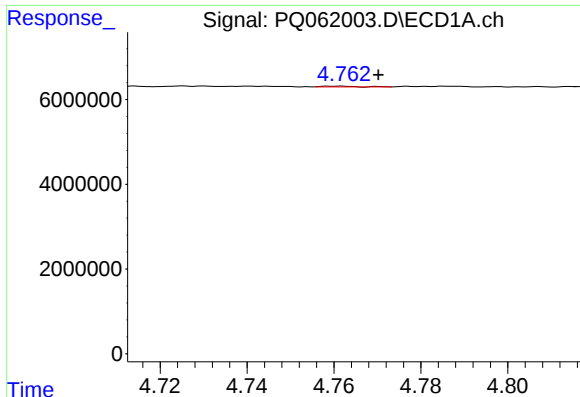
#14 AR-1232-4

R.T.: 4.695 min
Delta R.T.: 0.022 min
Response: 92289
Conc: 1.63 ng/ml



#14 AR-1232-4

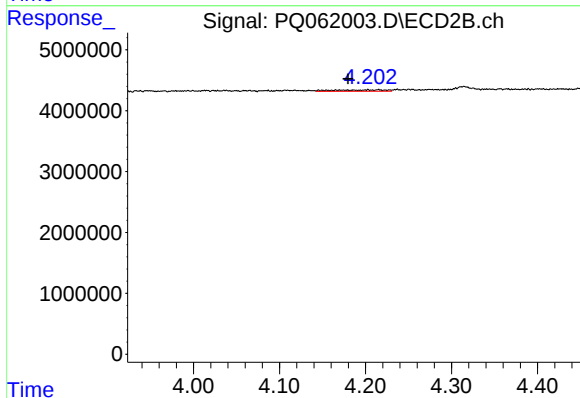
R.T.: 4.015 min
Delta R.T.: -0.007 min
Response: 295859
Conc: 9.95 ng/ml



#15 AR-1232-5

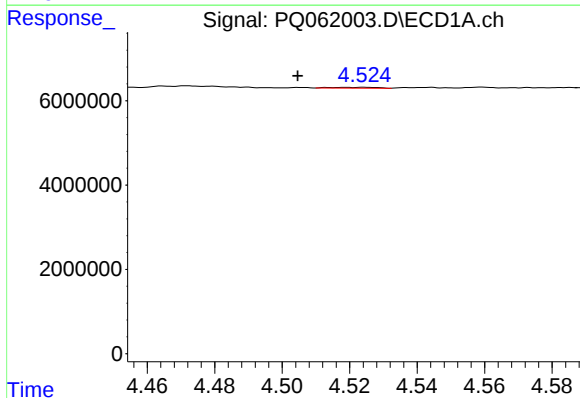
R.T.: 4.761 min
Delta R.T.: -0.010 min
Response: 114030
Conc: 2.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



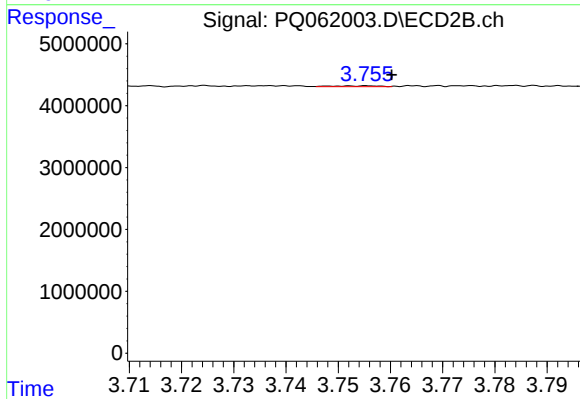
#15 AR-1232-5

R.T.: 4.203 min
Delta R.T.: 0.023 min
Response: 960349
Conc: 26.93 ng/ml



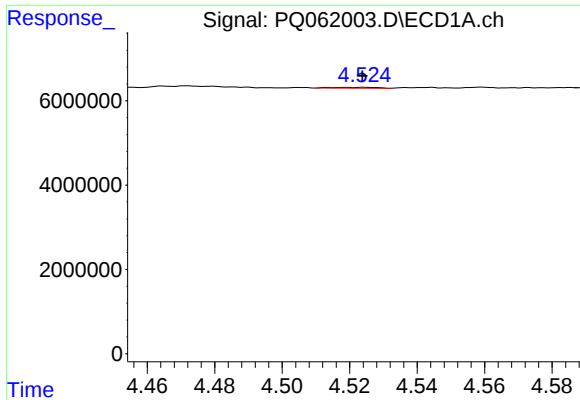
#16 AR-1242-1

R.T.: 4.524 min
Delta R.T.: 0.020 min
Response: 182864
Conc: 1.40 ng/ml



#16 AR-1242-1

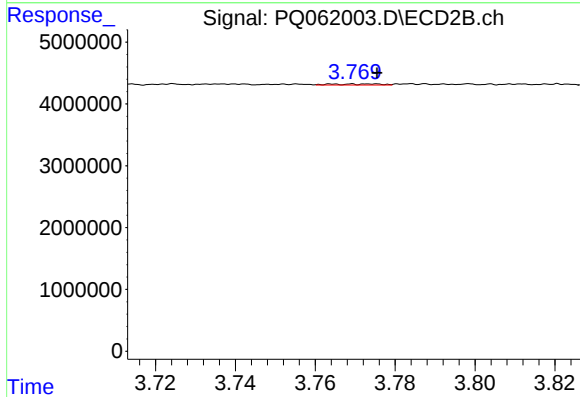
R.T.: 3.756 min
Delta R.T.: -0.005 min
Response: 88992
Conc: 1.15 ng/ml



#17 AR-1242-2

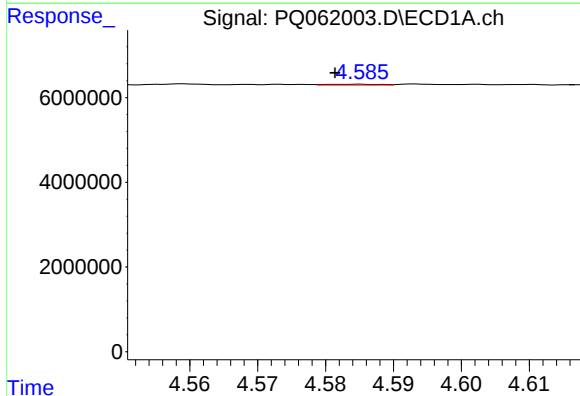
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 182864
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



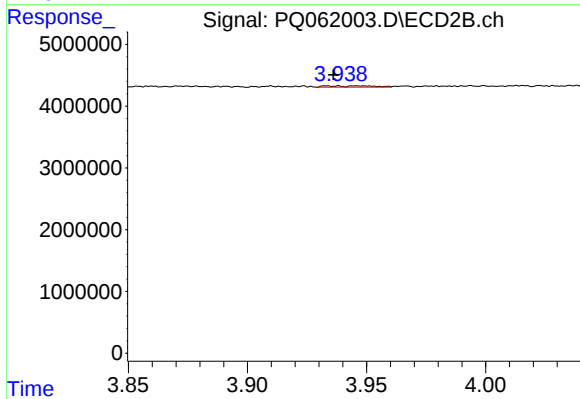
#17 AR-1242-2

R.T.: 3.770 min
Delta R.T.: -0.006 min
Response: 135961
Conc: 1.22 ng/ml



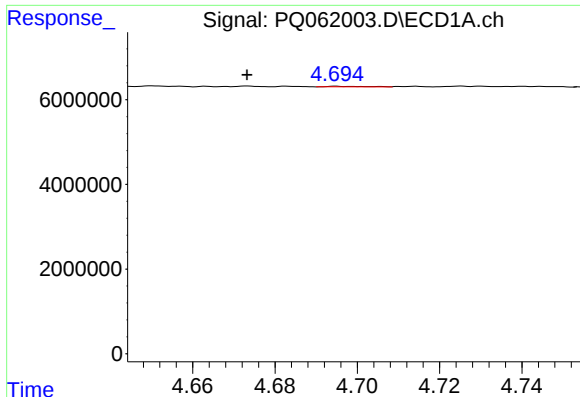
#18 AR-1242-3

R.T.: 4.585 min
Delta R.T.: 0.003 min
Response: 89855
Conc: 0.74 ng/ml



#18 AR-1242-3

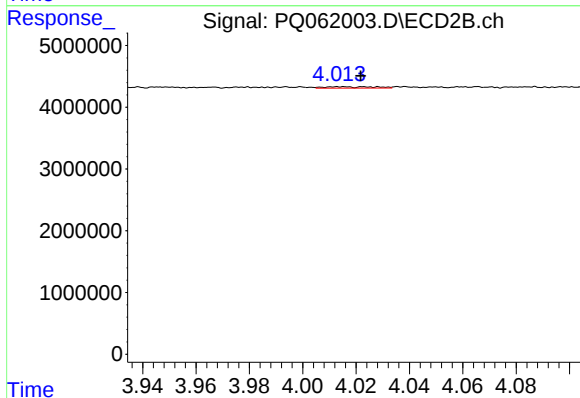
R.T.: 3.938 min
Delta R.T.: 0.002 min
Response: 294503
Conc: 5.03 ng/ml



#19 AR-1242-4

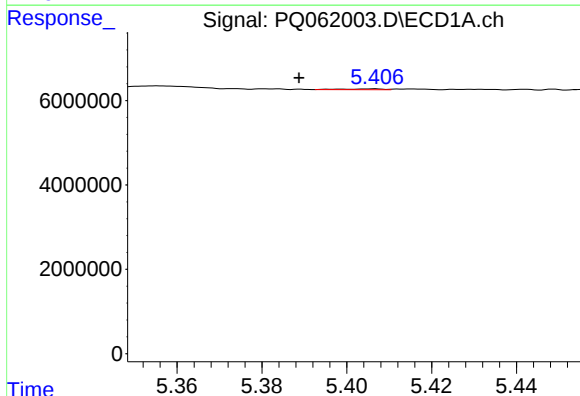
R.T.: 4.695 min
Delta R.T.: 0.022 min
Response: 92289
Conc: 0.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



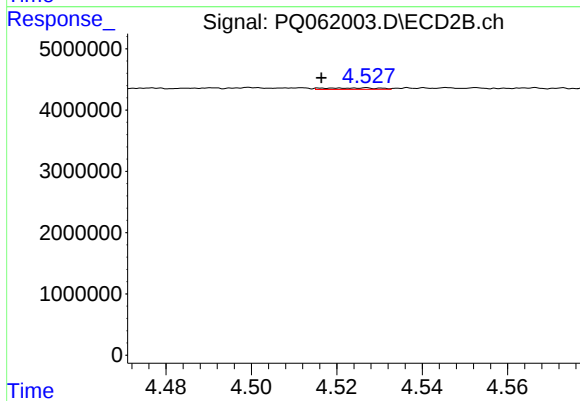
#19 AR-1242-4

R.T.: 4.015 min
Delta R.T.: -0.007 min
Response: 295859
Conc: 5.05 ng/ml



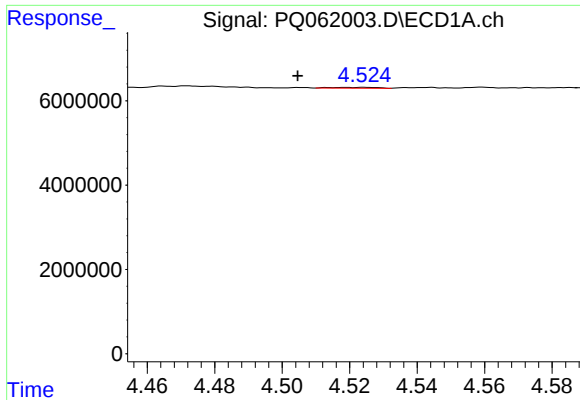
#20 AR-1242-5

R.T.: 5.406 min
Delta R.T.: 0.017 min
Response: 138800
Conc: 1.45 ng/ml



#20 AR-1242-5

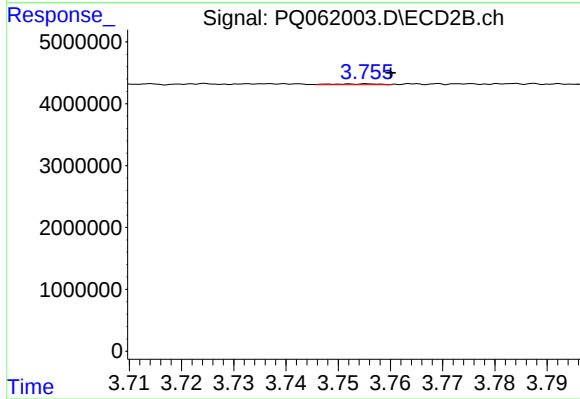
R.T.: 4.527 min
Delta R.T.: 0.010 min
Response: 212400
Conc: 2.56 ng/ml



#21 AR-1248-1

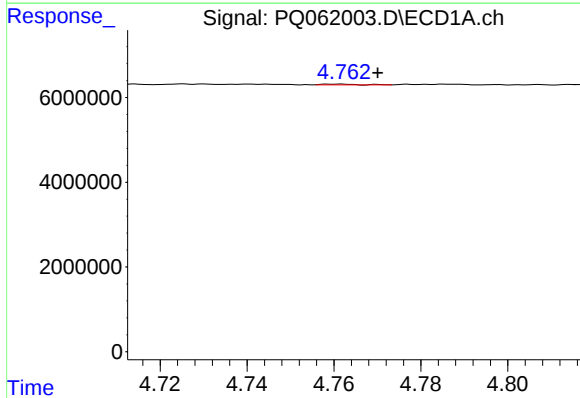
R.T.: 4.524 min
Delta R.T.: 0.020 min
Response: 182864
Conc: 1.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



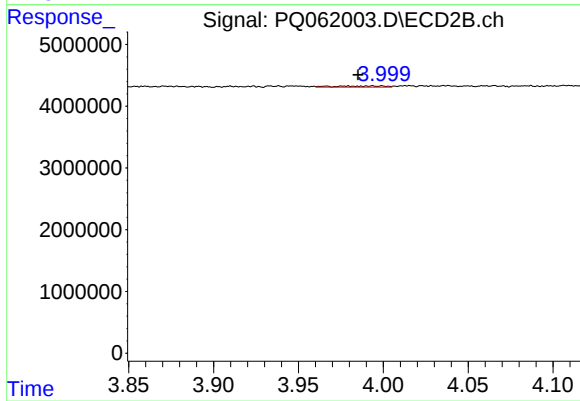
#21 AR-1248-1

R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 88992
Conc: 1.42 ng/ml



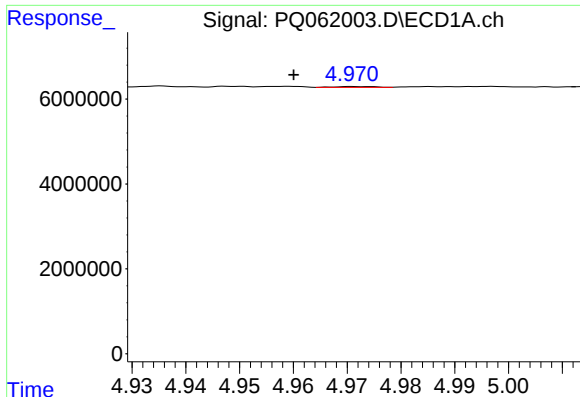
#22 AR-1248-2

R.T.: 4.761 min
Delta R.T.: -0.009 min
Response: 114030
Conc: 0.79 ng/ml



#22 AR-1248-2

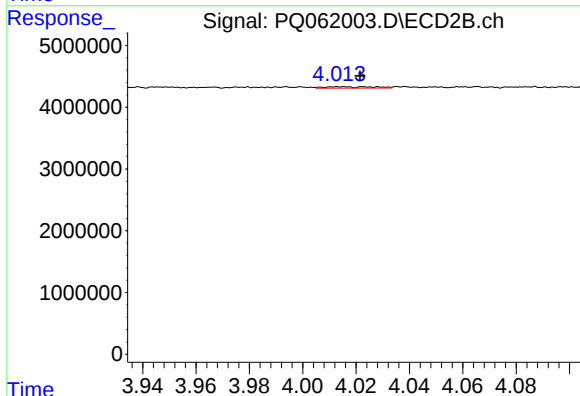
R.T.: 3.999 min
Delta R.T.: 0.014 min
Response: 392826
Conc: 4.19 ng/ml



#23 AR-1248-3

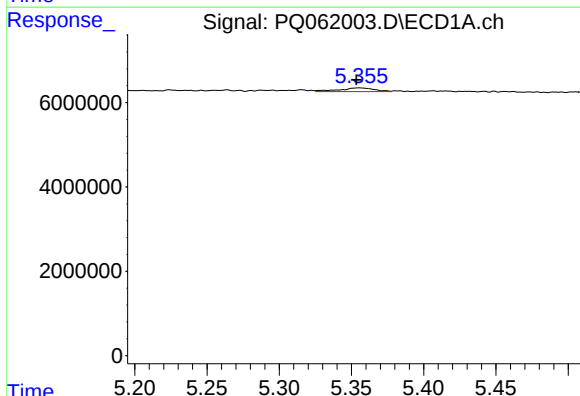
R.T.: 4.972 min
Delta R.T.: 0.012 min
Response: 102564
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



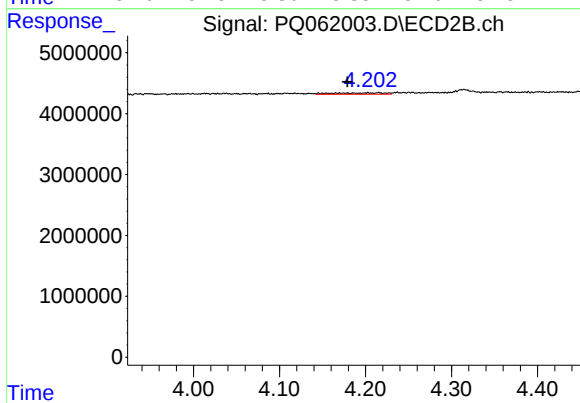
#23 AR-1248-3

R.T.: 4.015 min
Delta R.T.: -0.006 min
Response: 295859
Conc: 3.27 ng/ml



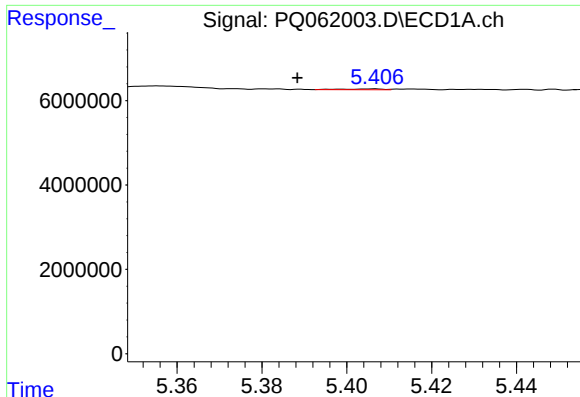
#24 AR-1248-4

R.T.: 5.356 min
Delta R.T.: 0.002 min
Response: 1469625
Conc: 7.66 ng/ml



#24 AR-1248-4

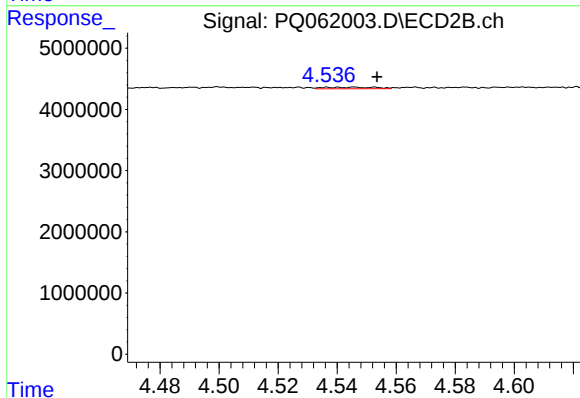
R.T.: 4.203 min
Delta R.T.: 0.024 min
Response: 960349
Conc: 8.51 ng/ml



#25 AR-1248-5

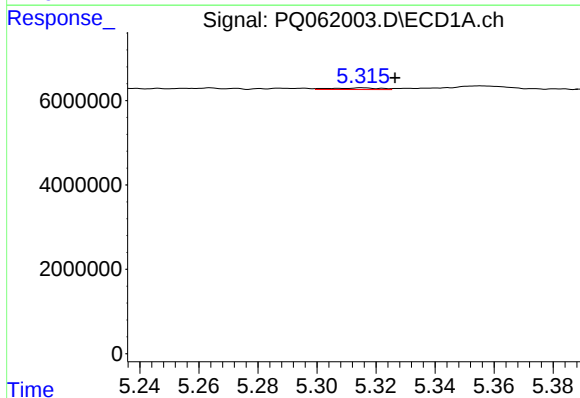
R.T.: 5.406 min
Delta R.T.: 0.018 min
Response: 138800
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



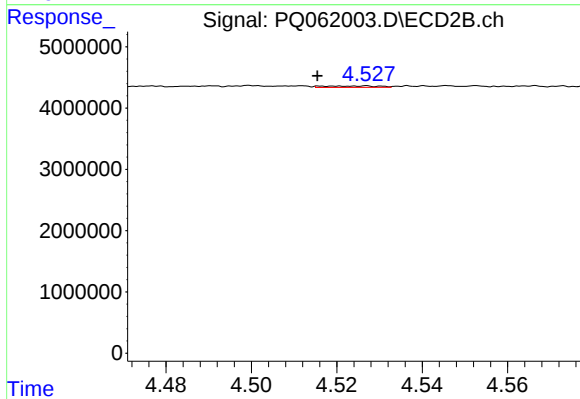
#25 AR-1248-5

R.T.: 4.546 min
Delta R.T.: -0.008 min
Response: 305685
Conc: 2.73 ng/ml



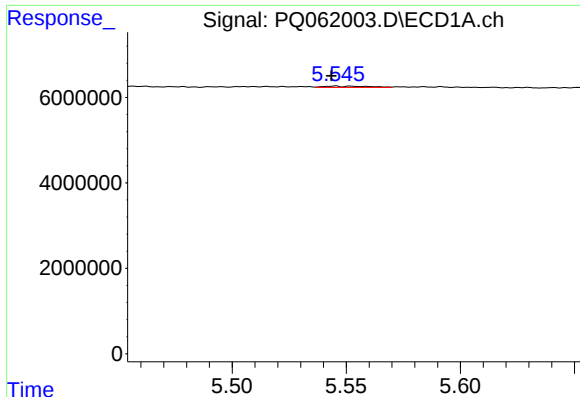
#26 AR-1254-1

R.T.: 5.315 min
Delta R.T.: -0.011 min
Response: 421592
Conc: 2.27 ng/ml



#26 AR-1254-1

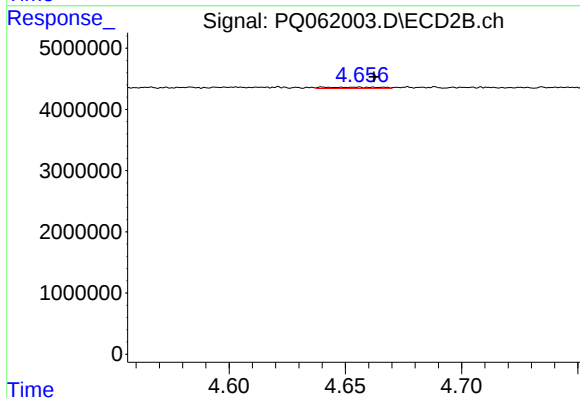
R.T.: 4.527 min
Delta R.T.: 0.011 min
Response: 212400
Conc: 1.32 ng/ml



#27 AR-1254-2

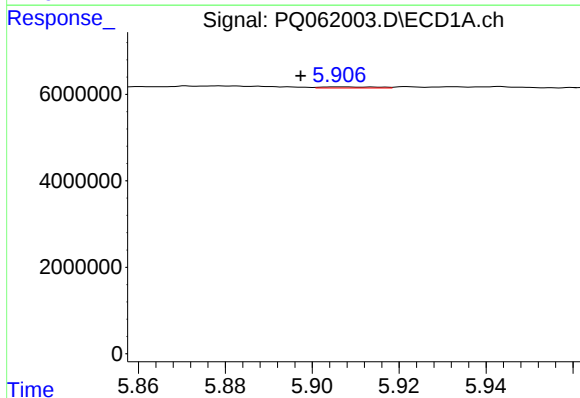
R.T.: 5.545 min
Delta R.T.: 0.002 min
Response: 419325
Conc: 1.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



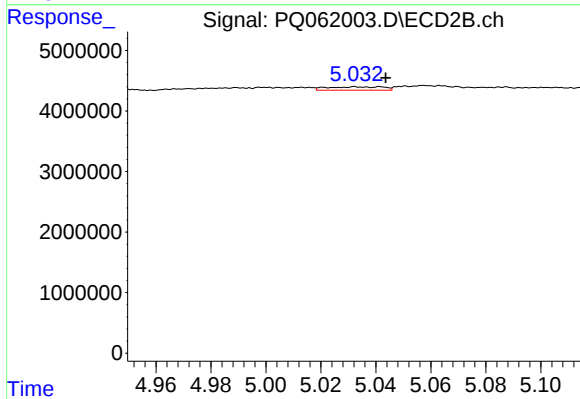
#27 AR-1254-2

R.T.: 4.641 min
Delta R.T.: -0.022 min
Response: 330758
Conc: 2.25 ng/ml



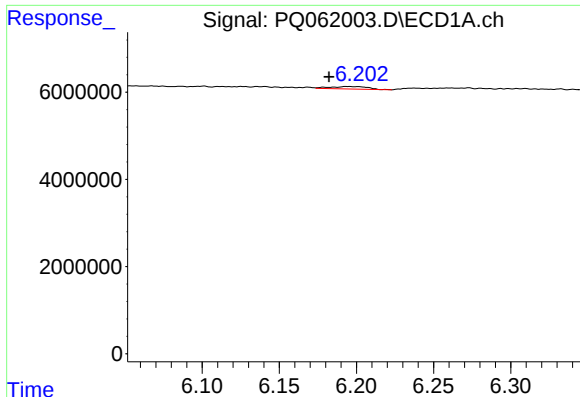
#28 AR-1254-3

R.T.: 5.907 min
Delta R.T.: 0.009 min
Response: 234004
Conc: 0.76 ng/ml



#28 AR-1254-3

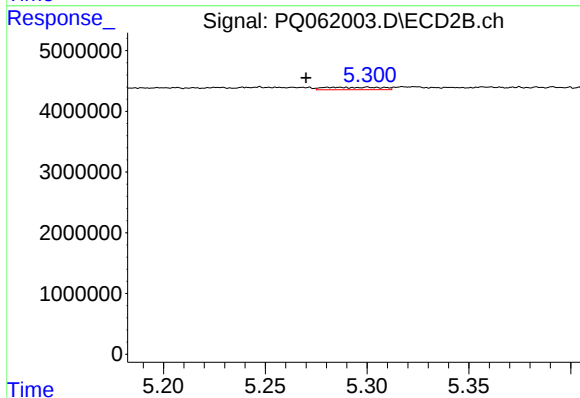
R.T.: 5.033 min
Delta R.T.: -0.011 min
Response: 788849
Conc: 3.38 ng/ml



#29 AR-1254-4

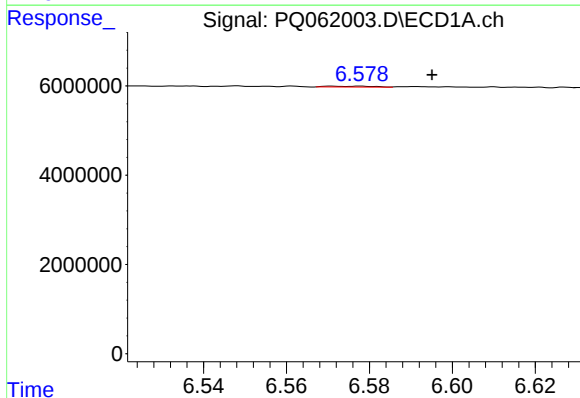
R.T.: 6.194 min
Delta R.T.: 0.012 min
Response: 977015
Conc: 4.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



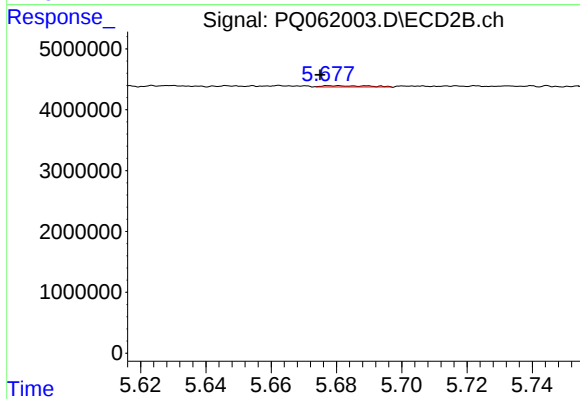
#29 AR-1254-4

R.T.: 5.281 min
Delta R.T.: 0.011 min
Response: 799631
Conc: 5.25 ng/ml



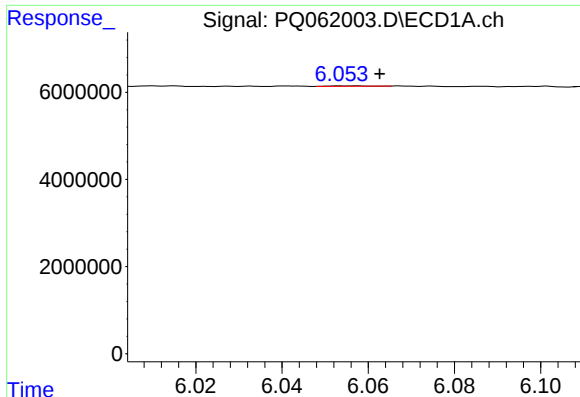
#30 AR-1254-5

R.T.: 6.571 min
Delta R.T.: -0.024 min
Response: 153454
Conc: 0.60 ng/ml



#30 AR-1254-5

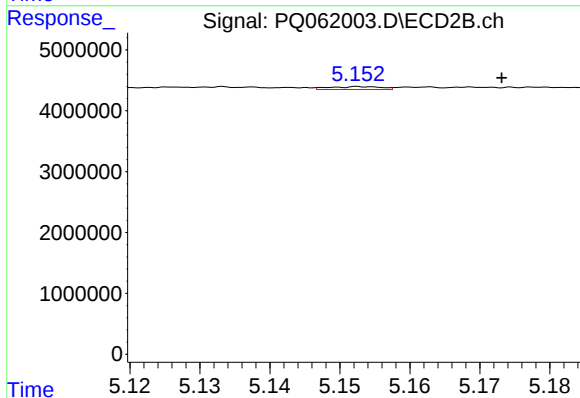
R.T.: 5.679 min
Delta R.T.: 0.004 min
Response: 193664
Conc: 0.84 ng/ml



#31 AR-1260-1

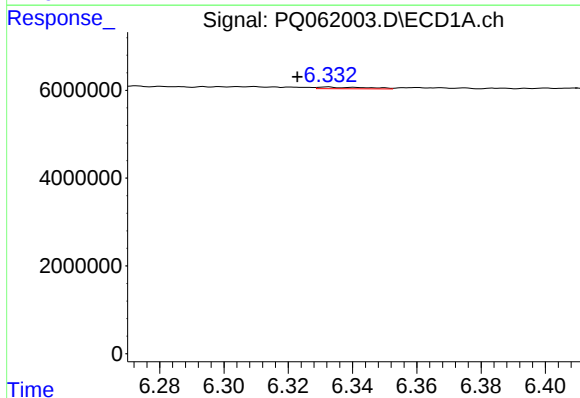
R.T.: 6.056 min
Delta R.T.: -0.006 min
Response: 48468
Conc: 0.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



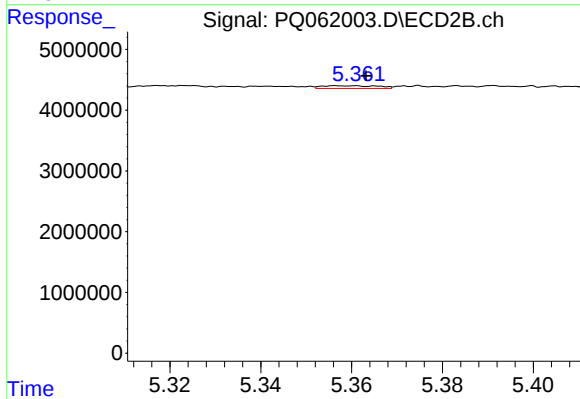
#31 AR-1260-1

R.T.: 5.153 min
Delta R.T.: -0.020 min
Response: 251058
Conc: 1.51 ng/ml



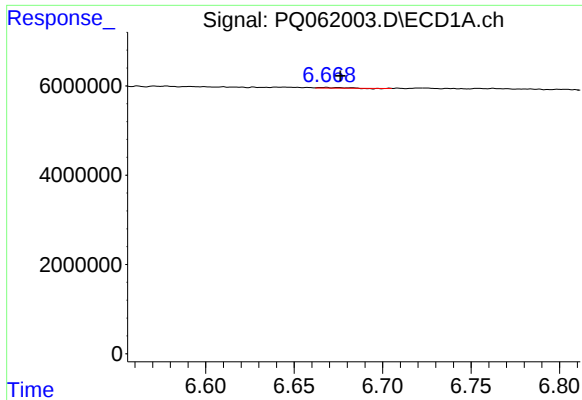
#32 AR-1260-2

R.T.: 6.332 min
Delta R.T.: 0.009 min
Response: 402954
Conc: 1.40 ng/ml



#32 AR-1260-2

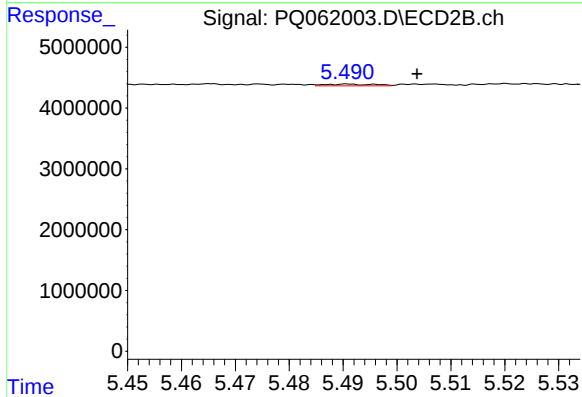
R.T.: 5.357 min
Delta R.T.: -0.006 min
Response: 380533
Conc: 1.83 ng/ml



#33 AR-1260-3

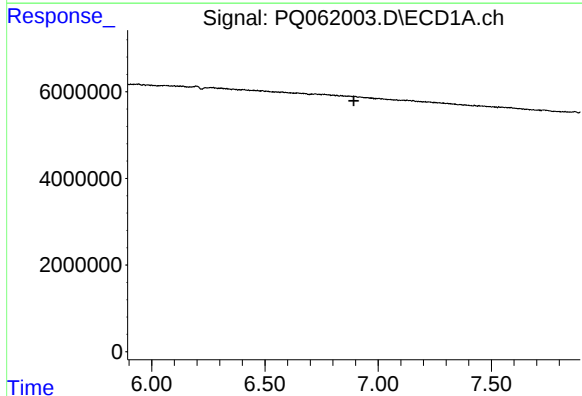
R.T.: 6.668 min
Delta R.T.: -0.008 min
Response: 112695
Conc: 0.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



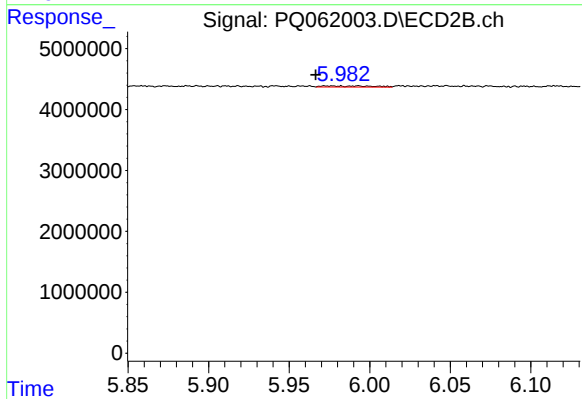
#33 AR-1260-3

R.T.: 5.491 min
Delta R.T.: -0.013 min
Response: 188462
Conc: 0.97 ng/ml



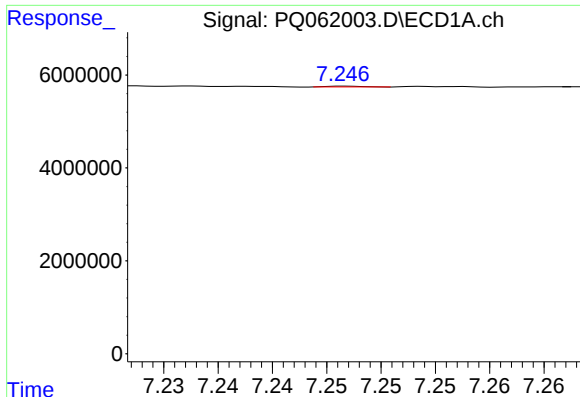
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.893 min
Response: 0
Conc: N.D.



#34 AR-1260-4

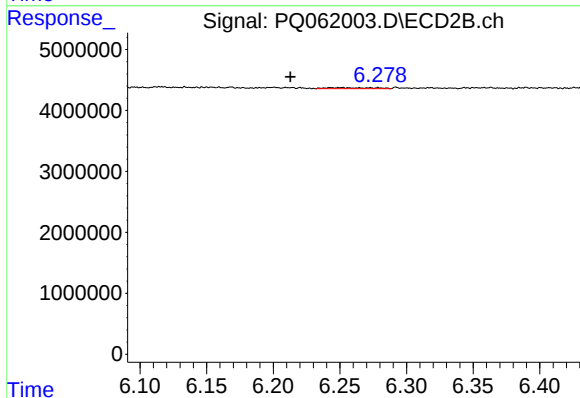
R.T.: 5.972 min
Delta R.T.: 0.006 min
Response: 408220
Conc: 2.80 ng/ml



#35 AR-1260-5

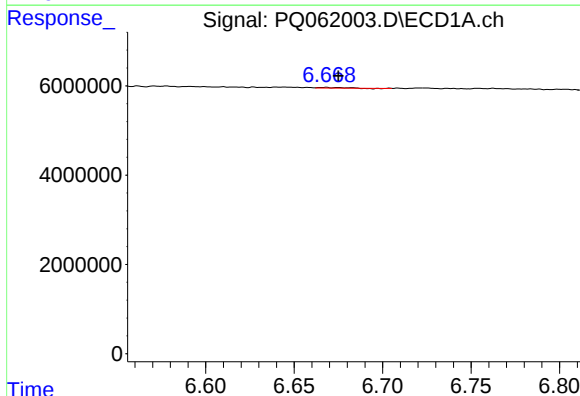
R.T.: 7.247 min
Delta R.T.: 0.043 min
Response: 37061
Conc: 0.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



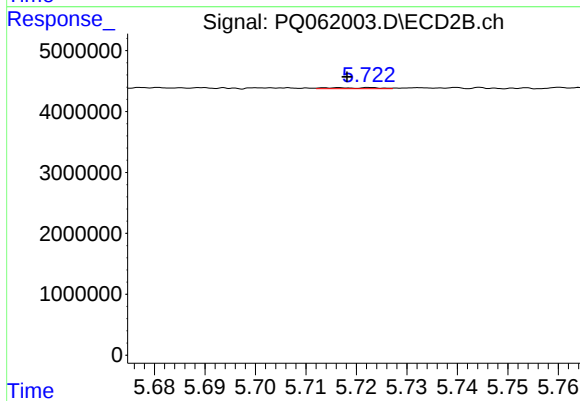
#35 AR-1260-5

R.T.: 6.251 min
Delta R.T.: 0.038 min
Response: 426682
Conc: 1.28 ng/ml



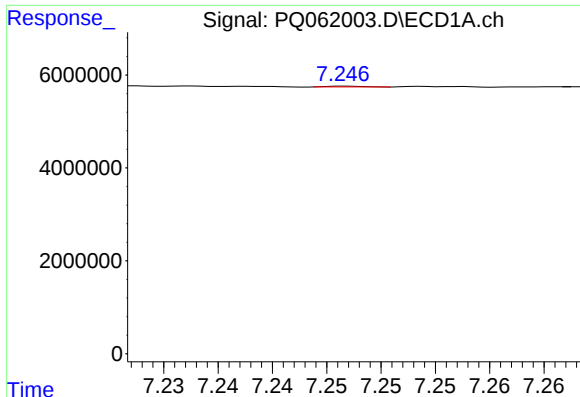
#36 AR-1262-1

R.T.: 6.668 min
Delta R.T.: -0.007 min
Response: 112695
Conc: 0.37 ng/ml



#36 AR-1262-1

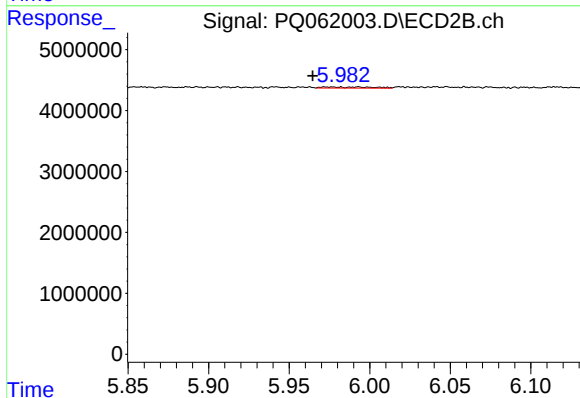
R.T.: 5.723 min
Delta R.T.: 0.005 min
Response: 113968
Conc: 0.49 ng/ml



#37 AR-1262-2

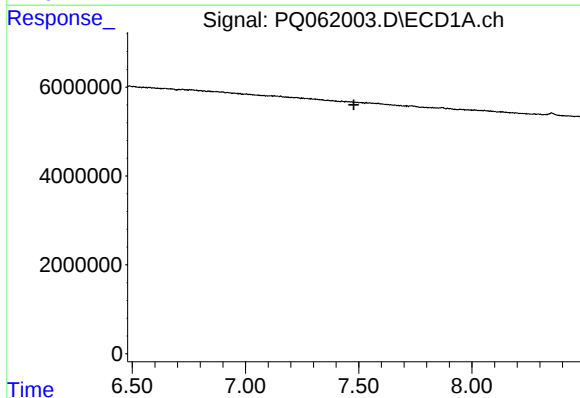
R.T.: 7.247 min
Delta R.T.: 0.043 min
Response: 37061
Conc: 0.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



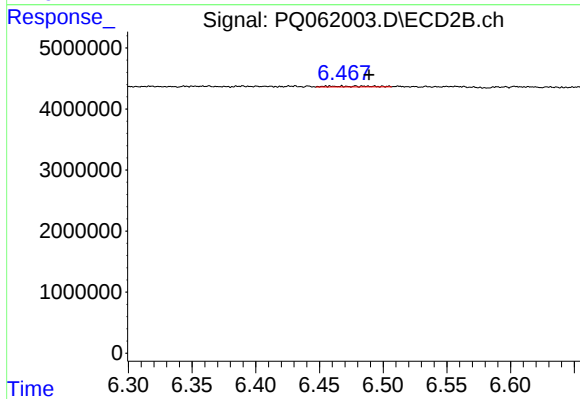
#37 AR-1262-2

R.T.: 5.972 min
Delta R.T.: 0.008 min
Response: 408220
Conc: 1.89 ng/ml



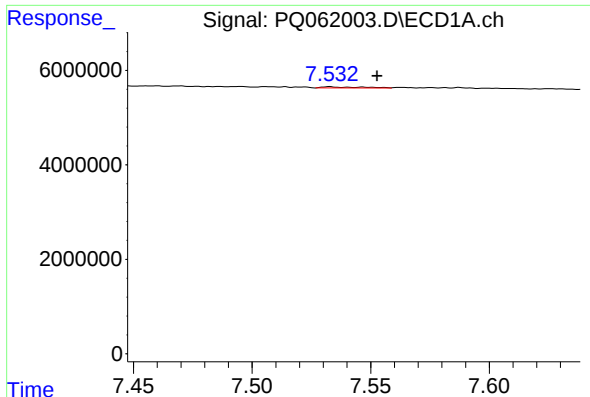
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.479 min
Response: 0
Conc: N.D.



#38 AR-1262-3

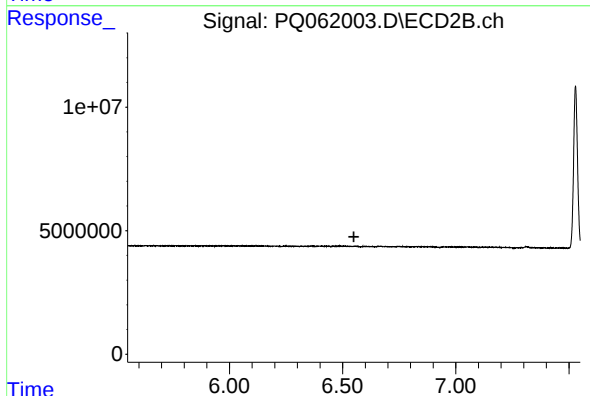
R.T.: 6.458 min
Delta R.T.: -0.031 min
Response: 272440
Conc: 1.56 ng/ml



#39 AR-1262-4

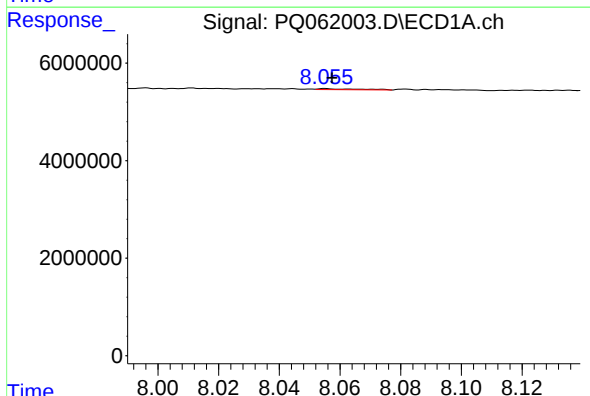
R.T.: 7.533 min
Delta R.T.: -0.020 min
Response: 276710
Conc: 1.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



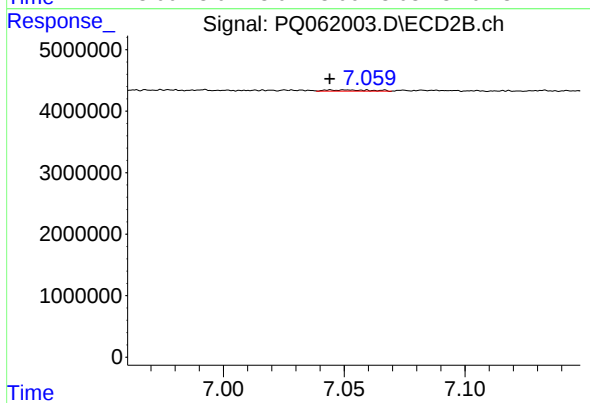
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.550 min
Response: 0
Conc: N.D.



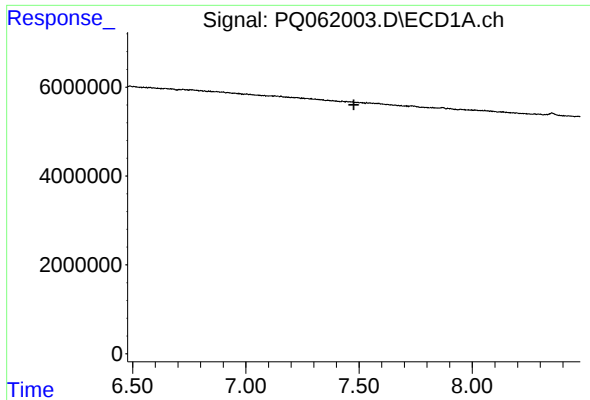
#40 AR-1262-5

R.T.: 8.055 min
Delta R.T.: -0.002 min
Response: 177314
Conc: 1.00 ng/ml



#40 AR-1262-5

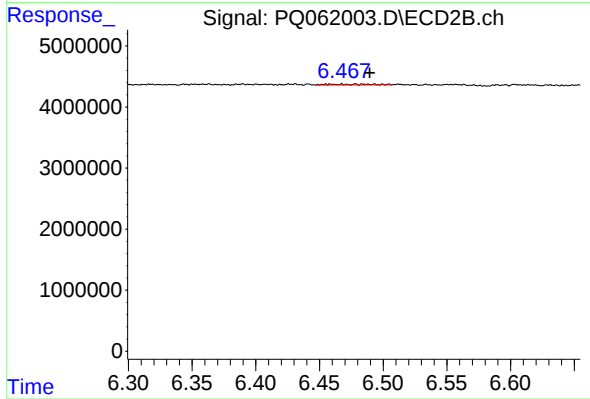
R.T.: 7.051 min
Delta R.T.: 0.007 min
Response: 238967
Conc: 1.54 ng/ml



#41 AR-1268-1

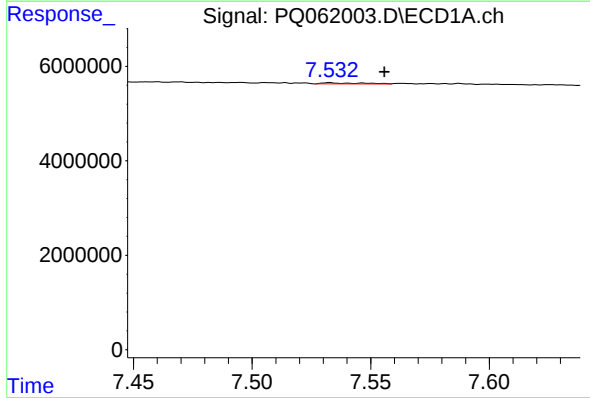
R.T.: 0.000 min
Exp R.T.: 7.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



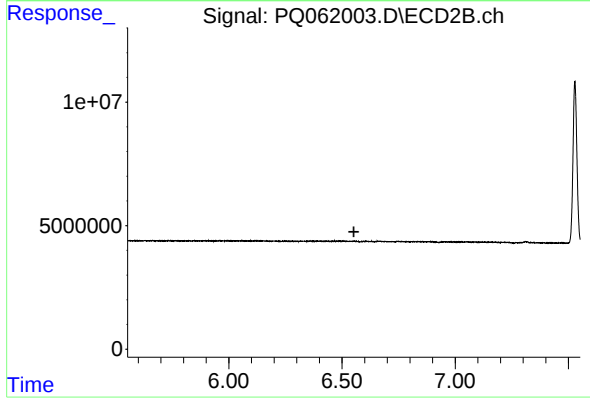
#41 AR-1268-1

R.T.: 6.458 min
Delta R.T.: -0.031 min
Response: 272440
Conc: 0.58 ng/ml



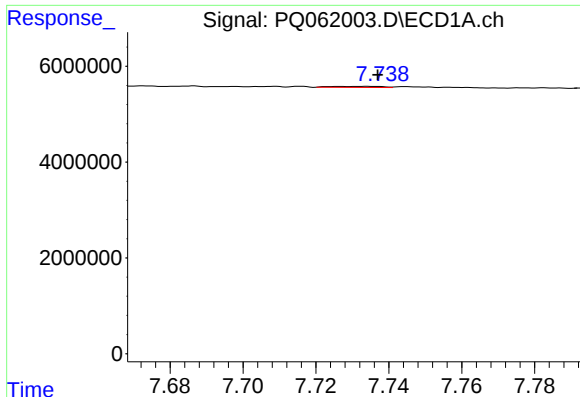
#42 AR-1268-2

R.T.: 7.533 min
Delta R.T.: -0.023 min
Response: 276710
Conc: 0.54 ng/ml



#42 AR-1268-2

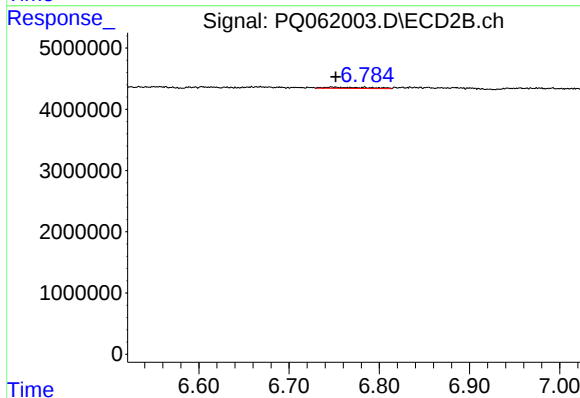
R.T.: 0.000 min
Exp R.T.: 6.552 min
Response: 0
Conc: N.D.



#43 AR-1268-3

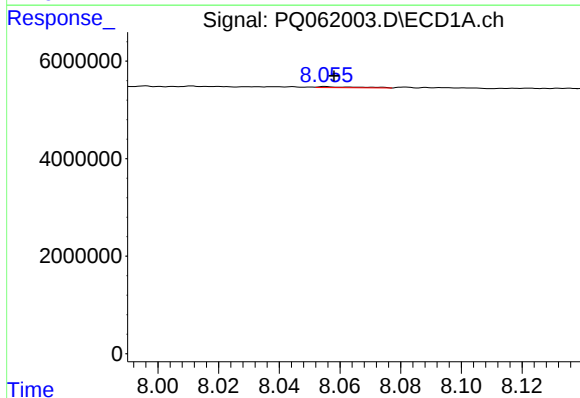
R.T.: 7.735 min
Delta R.T.: -0.002 min
Response: 209260
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



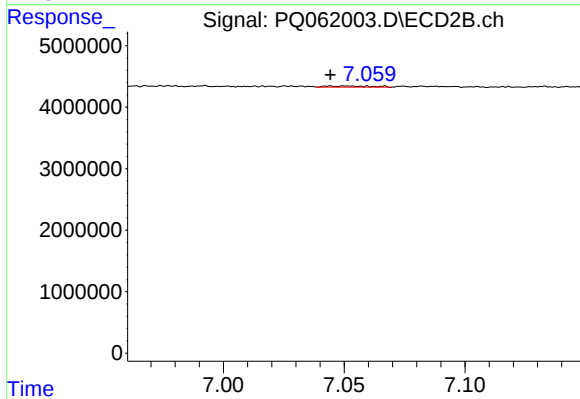
#43 AR-1268-3

R.T.: 6.748 min
Delta R.T.: -0.004 min
Response: 634725
Conc: 1.72 ng/ml



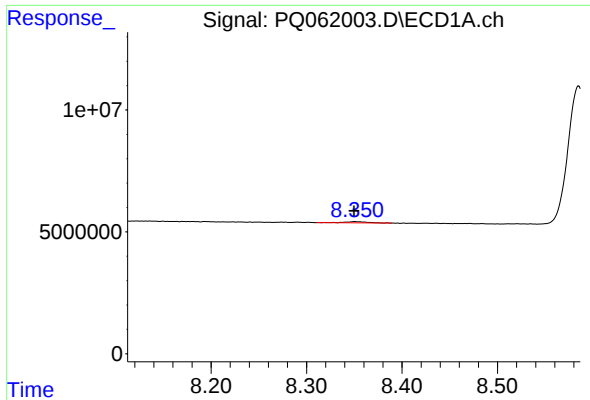
#44 AR-1268-4

R.T.: 8.055 min
Delta R.T.: -0.003 min
Response: 177314
Conc: 0.97 ng/ml



#44 AR-1268-4

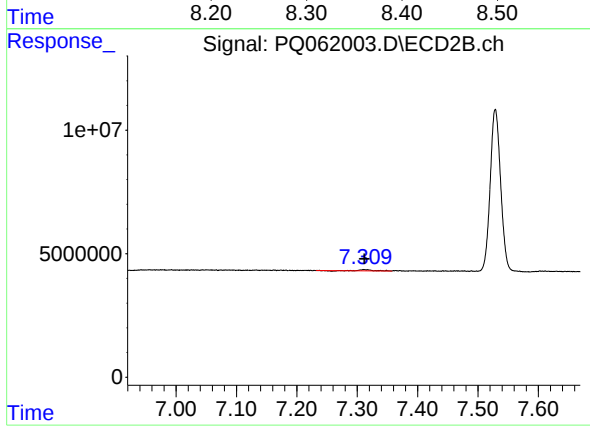
R.T.: 7.051 min
Delta R.T.: 0.007 min
Response: 238967
Conc: 1.49 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 735206
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 560468
Conc: 0.48 ng/ml