

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071423\
 Data File : PQ062244.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2023 17:53
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 05:43:30 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...	3.405	2.759	93008551	52149558	19.066	20.784
2)	SA Decachlor...	8.583	7.526	66970066	59710069	18.435	17.919
Target Compounds							
3)	L1 AR-1016-1	4.531f	3.758	-59661	66220	N.D.	0.669 #
4)	L1 AR-1016-2	4.531	3.765	-59661	132509	N.D.	0.919 #
5)	L1 AR-1016-3	4.585	3.907f	98002	16560	0.643	0.220 #
6)	L1 AR-1016-4	4.684	3.989	123935	91880	0.989	1.399 #
7)	L1 AR-1016-5	4.955	4.180	211348	132714	1.736	1.619
8)	L2 AR-1221-1	3.611	2.961	668747	84293	11.126	2.555 #
9)	L2 AR-1221-2	3.684	3.029	1431926	435494	31.868	17.145 #
10)	L2 AR-1221-3	3.736	3.104	810339	41263	5.767	0.535 #
11)	L3 AR-1232-1	3.736	3.104	810339	41263	7.674	0.720 #
12)	L3 AR-1232-2	4.234	3.765	442629	132509	7.483	1.991 #
14)	L3 AR-1232-4	4.684	4.029	123935	186770	2.187	6.280 #
15)	L3 AR-1232-5	4.773	4.180	332567	132714	8.304	3.722 #
16)	L4 AR-1242-1	4.531f	3.758	-59661	66220	N.D.	0.856 #
17)	L4 AR-1242-2	4.531	3.765	-59661	132509	N.D.	1.192 #
18)	L4 AR-1242-3	4.585	3.907f	98002	16560	0.811	0.283 #
19)	L4 AR-1242-4	4.684	4.029	123935	186770	1.271	3.186 #
20)	L4 AR-1242-5	5.406	4.517	440992	200153	4.607	2.415 #
21)	L5 AR-1248-1	4.531f	3.758	-59661	66220	N.D.	1.059 #
22)	L5 AR-1248-2	4.773	3.989	332567	91880	2.315	0.980 #
23)	L5 AR-1248-3	4.955	4.029	211348	186770	1.217	2.063 #
24)	L5 AR-1248-4	5.340	4.180	1226680	132714	6.391	1.176 #
25)	L5 AR-1248-5	5.406	4.564	440992	863013	2.435	7.703 #
26)	L6 AR-1254-1	5.325	4.517	1164610	200153	6.267	1.240 #
27)	L6 AR-1254-2	5.593f	4.658	147947	133945	0.509	0.910 #
28)	L6 AR-1254-3	5.883	5.032	1265832	4854738	4.121	20.773 #
29)	L6 AR-1254-4	6.162	5.273	948609	382833	4.085	2.512 #
30)	L6 AR-1254-5	6.555f	5.684	78867	310859	0.307	1.347 #
31)	L7 AR-1260-1	6.061	5.187	281777	2200936	1.194	13.215 #
32)	L7 AR-1260-2	6.328	5.357	1642366	1273766	5.687	6.125
33)	L7 AR-1260-3	6.712f	5.480	374401	191414	2.120	0.984 #
34)	L7 AR-1260-4	6.906	5.955	210794	119941	1.001	0.822
35)	L7 AR-1260-5	7.215	6.202	629005	425232	1.532	1.281
36)	L8 AR-1262-1	6.712f	5.723	374401	496703	1.228	2.137 #
37)	L8 AR-1262-2	7.215	5.955	629005	119941	1.194	0.555 #
38)	L8 AR-1262-3	0.000	6.500	0	746574	N.D.	4.283 #
39)	L8 AR-1262-4	7.576	6.544	982676	496793	3.684	1.541 #
41)	L9 AR-1268-1	0.000	6.500	0	746574	N.D.	1.587 #
42)	L9 AR-1268-2	7.576	6.544	982676	496793	1.927	1.173 #
43)	L9 AR-1268-3	0.000	6.746	0	329156	N.D.	0.894 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 05:43:30 2023
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 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	8.347	7.308	650435	3966382	0.516	3.399 #

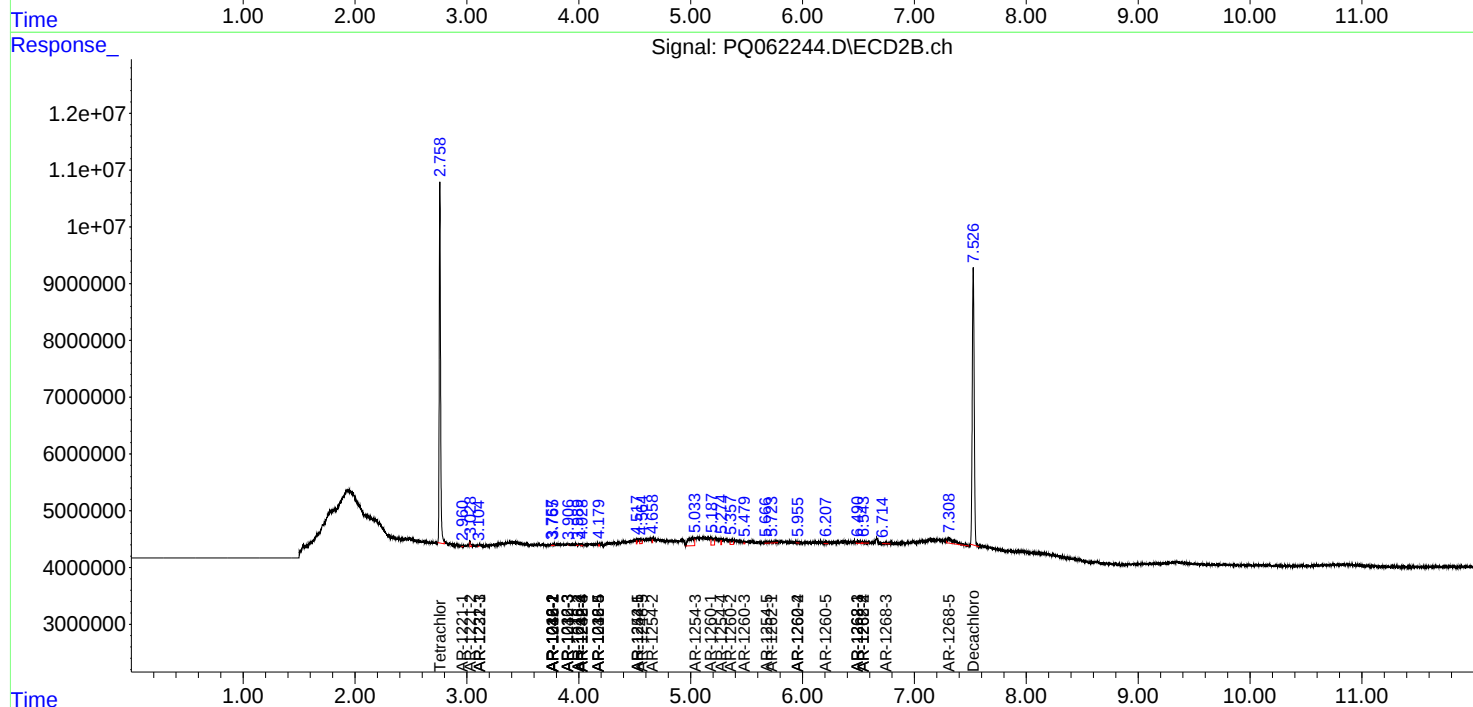
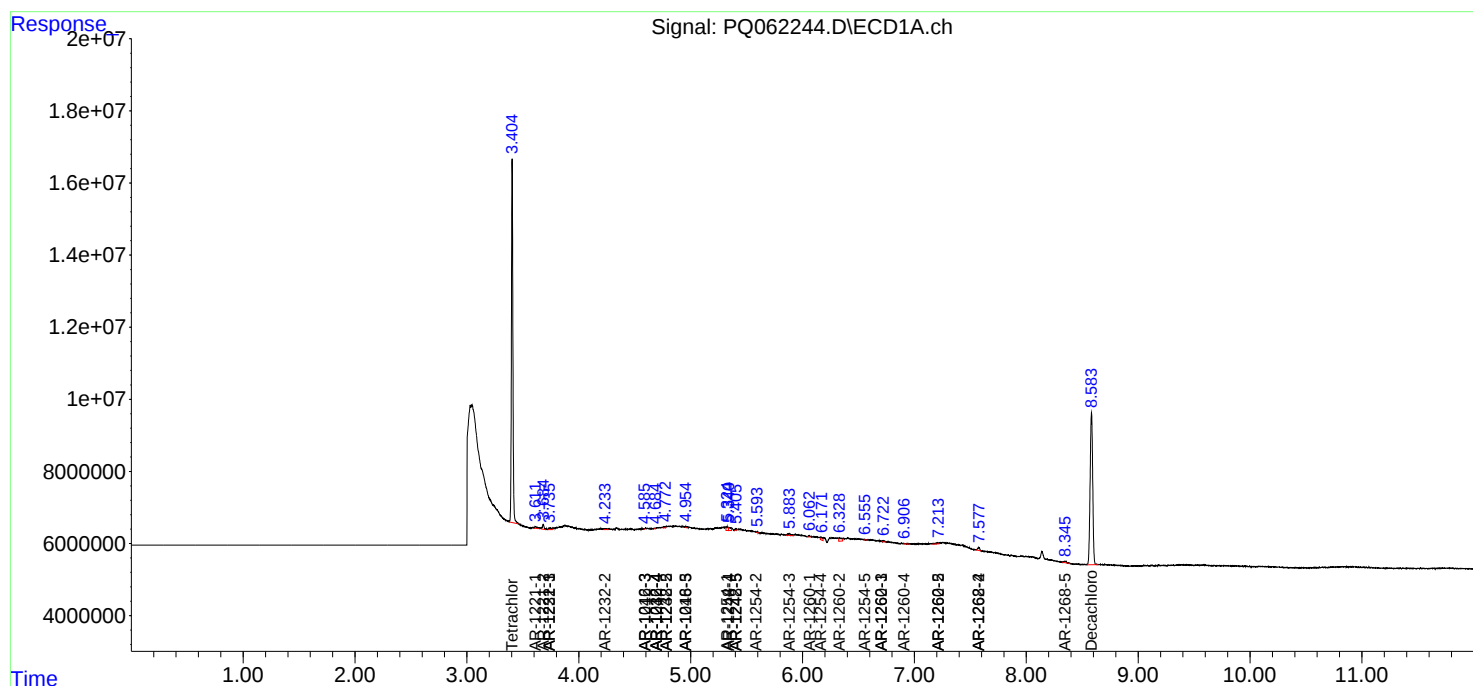
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

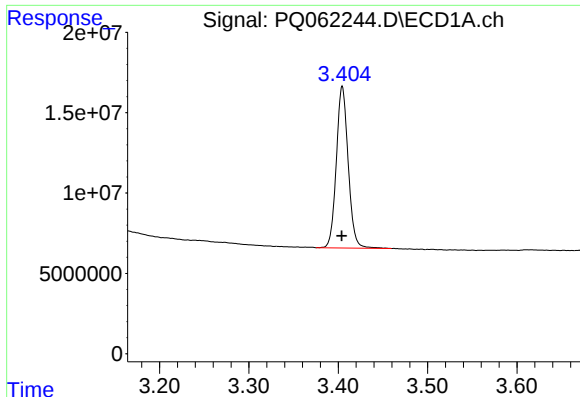
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071423\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

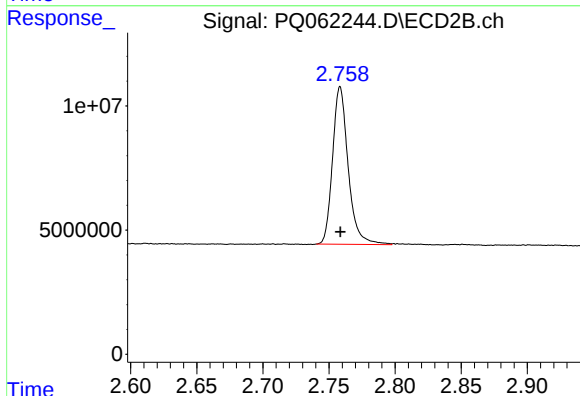




#1 Tetrachloro-m-xylene

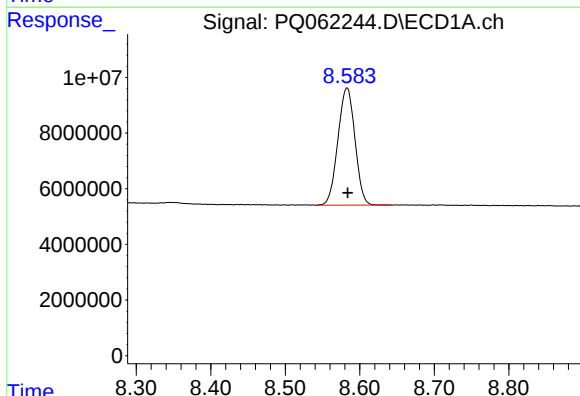
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 93008551
Conc: 19.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



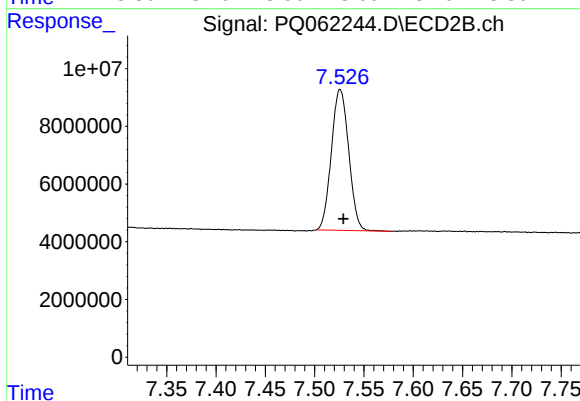
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 52149558
Conc: 20.78 ng/ml



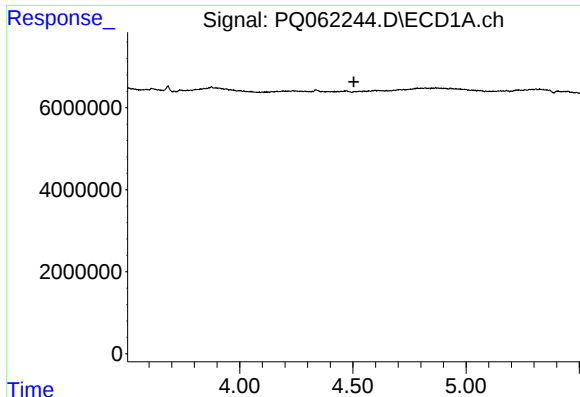
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 66970066
Conc: 18.44 ng/ml



#2 Decachlorobiphenyl

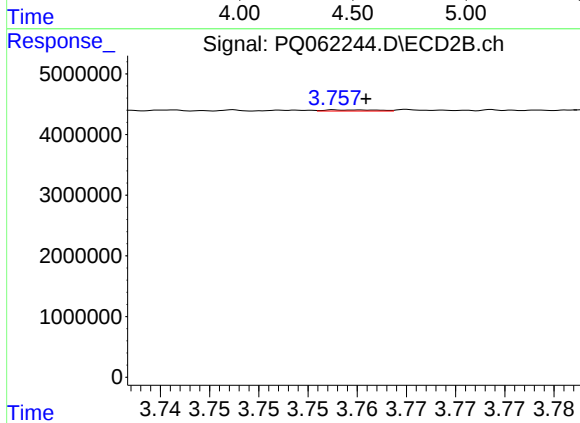
R.T.: 7.526 min
Delta R.T.: -0.003 min
Response: 59710069
Conc: 17.92 ng/ml



#3 AR-1016-1

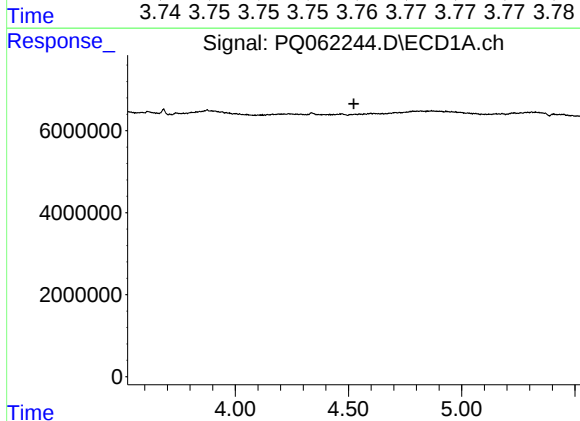
R.T.: 4.531 min
Delta R.T.: 0.027 min
Response: -59661
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



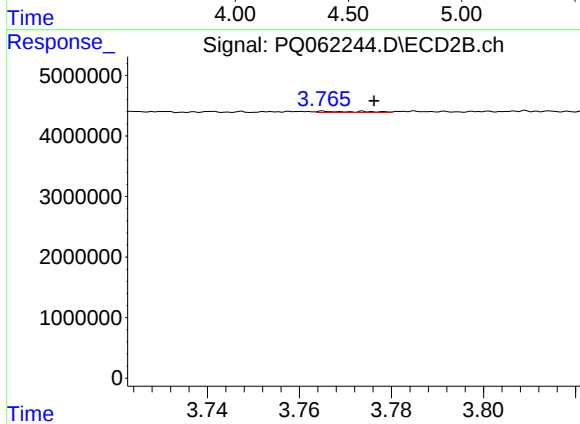
#3 AR-1016-1

R.T.: 3.758 min
Delta R.T.: -0.003 min
Response: 66220
Conc: 0.67 ng/ml



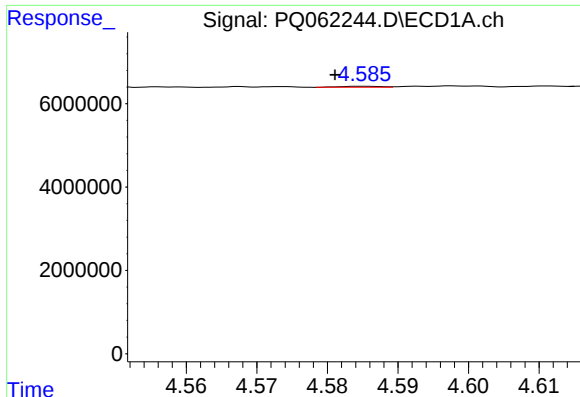
#4 AR-1016-2

R.T.: 4.531 min
Delta R.T.: 0.008 min
Response: -59661
Conc: N.D.



#4 AR-1016-2

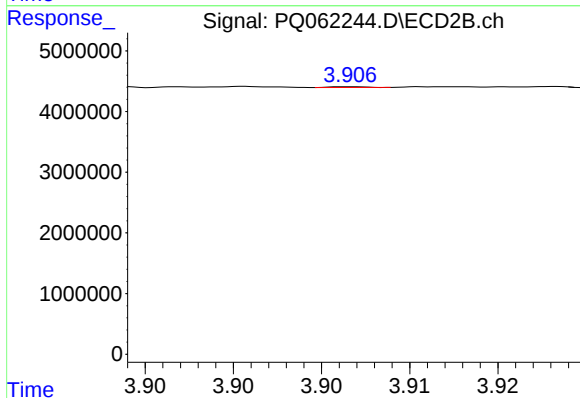
R.T.: 3.765 min
Delta R.T.: -0.011 min
Response: 132509
Conc: 0.92 ng/ml



#5 AR-1016-3

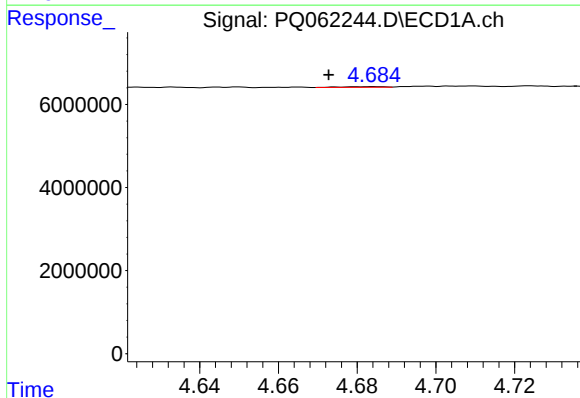
R.T.: 4.585 min
Delta R.T.: 0.004 min
Response: 98002
Conc: 0.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



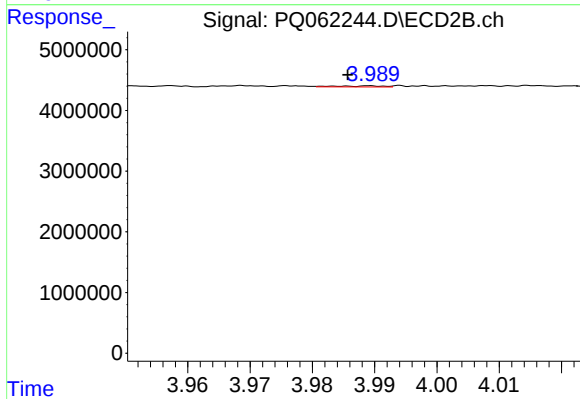
#5 AR-1016-3

R.T.: 3.907 min
Delta R.T.: -0.029 min
Response: 16560
Conc: 0.22 ng/ml



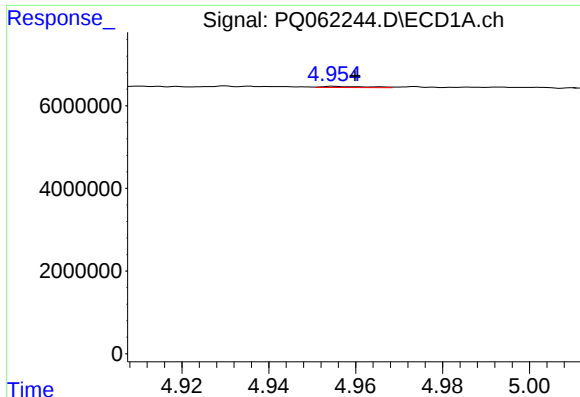
#6 AR-1016-4

R.T.: 4.684 min
Delta R.T.: 0.012 min
Response: 123935
Conc: 0.99 ng/ml



#6 AR-1016-4

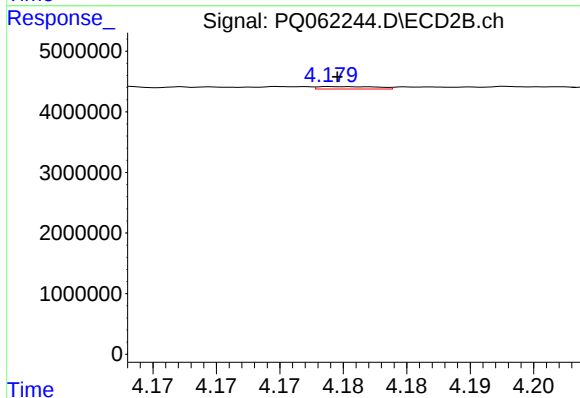
R.T.: 3.989 min
Delta R.T.: 0.004 min
Response: 91880
Conc: 1.40 ng/ml



#7 AR-1016-5

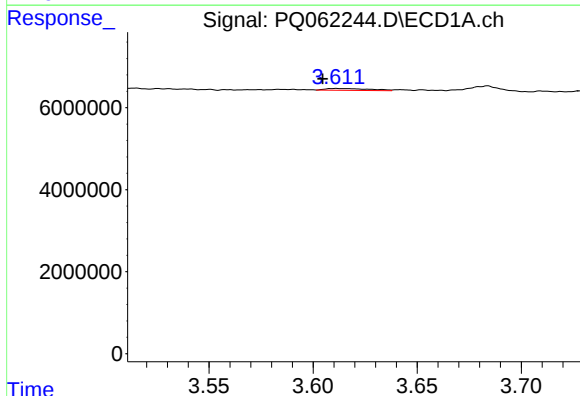
R.T.: 4.955 min
Delta R.T.: -0.005 min
Response: 211348
Conc: 1.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



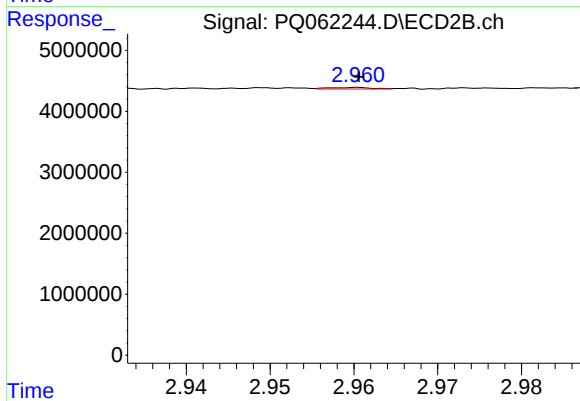
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 132714
Conc: 1.62 ng/ml



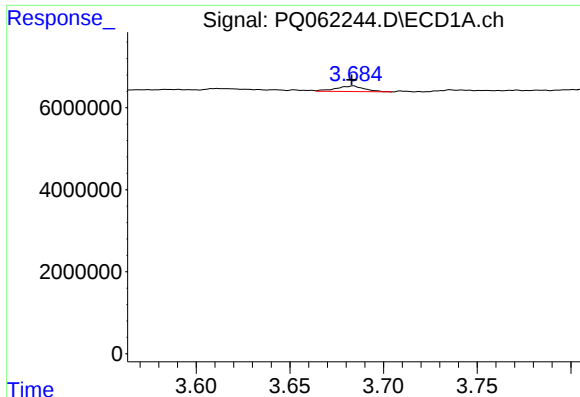
#8 AR-1221-1

R.T.: 3.611 min
Delta R.T.: 0.006 min
Response: 668747
Conc: 11.13 ng/ml



#8 AR-1221-1

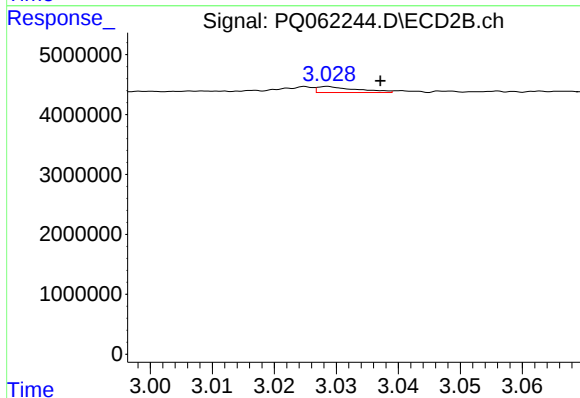
R.T.: 2.961 min
Delta R.T.: 0.000 min
Response: 84293
Conc: 2.55 ng/ml



#9 AR-1221-2

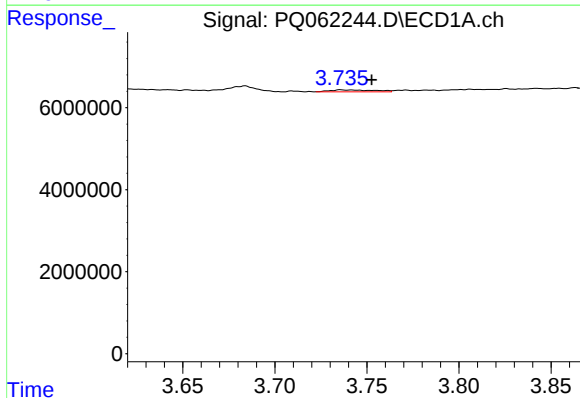
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 1431926
Conc: 31.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



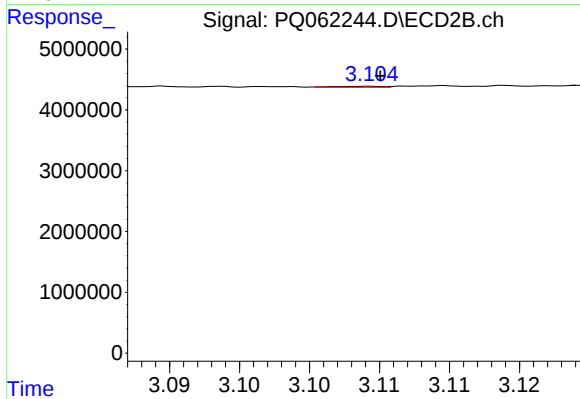
#9 AR-1221-2

R.T.: 3.029 min
Delta R.T.: -0.008 min
Response: 435494
Conc: 17.15 ng/ml



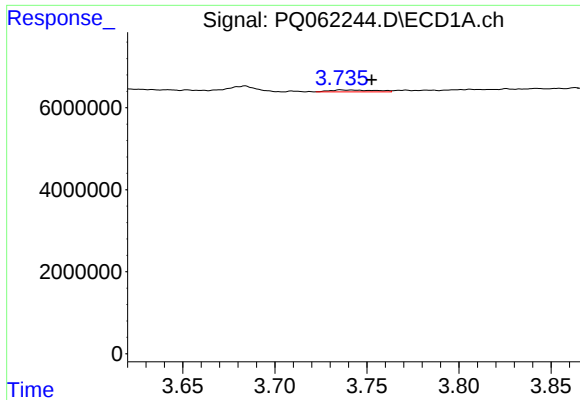
#10 AR-1221-3

R.T.: 3.736 min
Delta R.T.: -0.017 min
Response: 810339
Conc: 5.77 ng/ml



#10 AR-1221-3

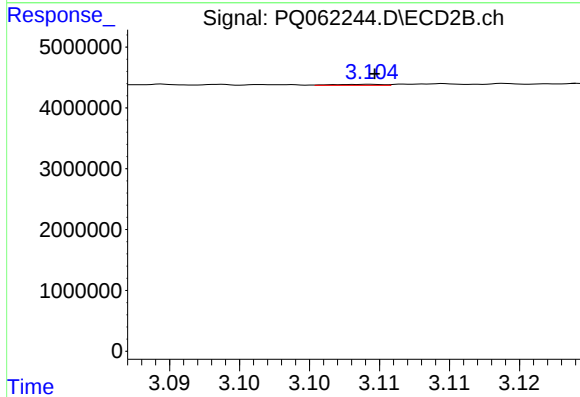
R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 41263
Conc: 0.54 ng/ml



#11 AR-1232-1

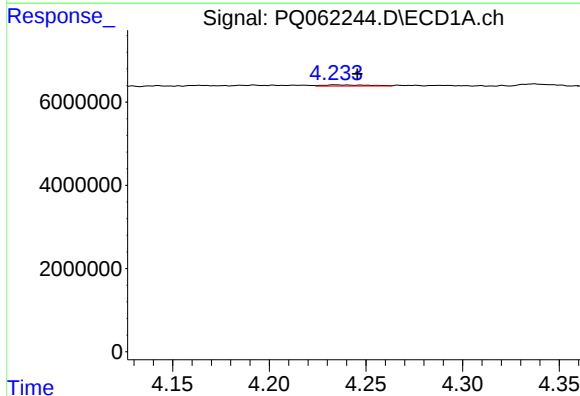
R.T.: 3.736 min
Delta R.T.: -0.017 min
Response: 810339
Conc: 7.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



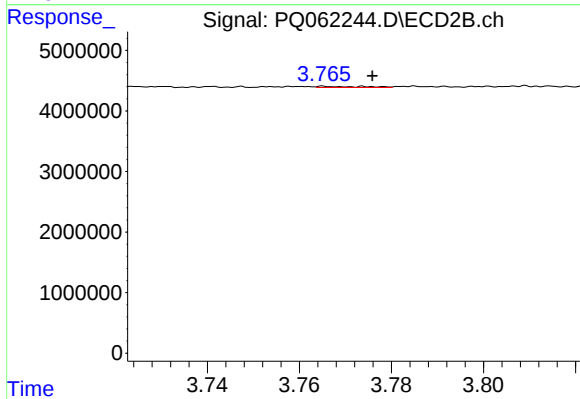
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 41263
Conc: 0.72 ng/ml



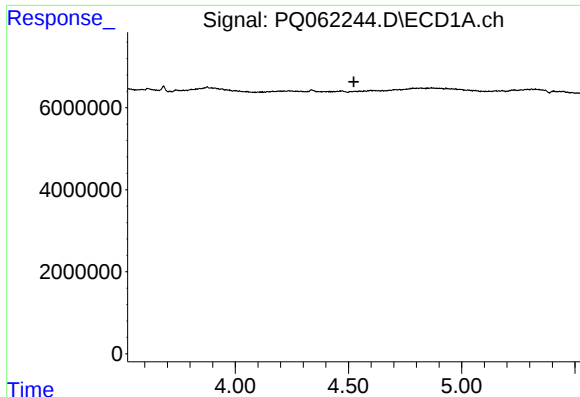
#12 AR-1232-2

R.T.: 4.234 min
Delta R.T.: -0.011 min
Response: 442629
Conc: 7.48 ng/ml



#12 AR-1232-2

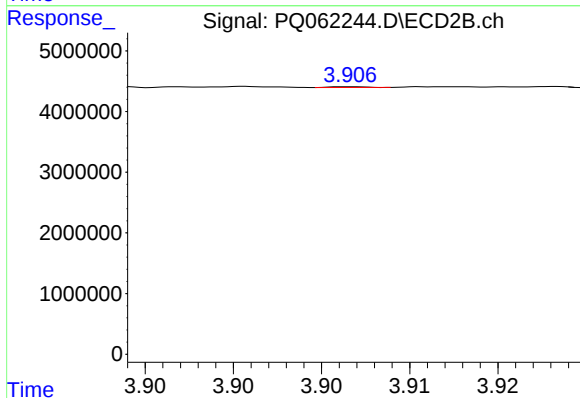
R.T.: 3.765 min
Delta R.T.: -0.011 min
Response: 132509
Conc: 1.99 ng/ml



#13 AR-1232-3

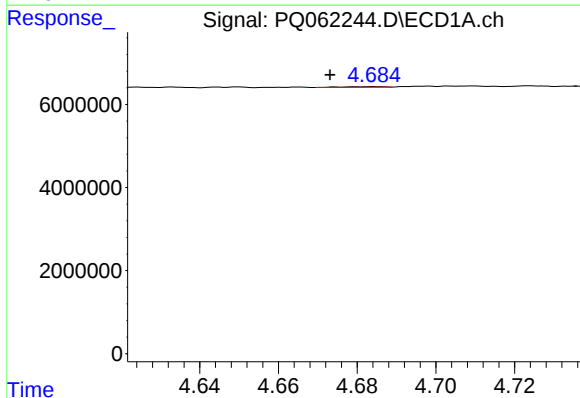
R.T.: 4.531 min
Delta R.T.: 0.008 min
Response: -59661
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



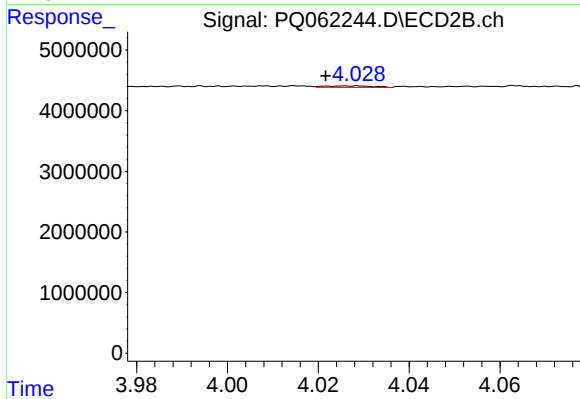
#13 AR-1232-3

R.T.: 3.907 min
Delta R.T.: -0.029 min
Response: 16560
Conc: 0.48 ng/ml



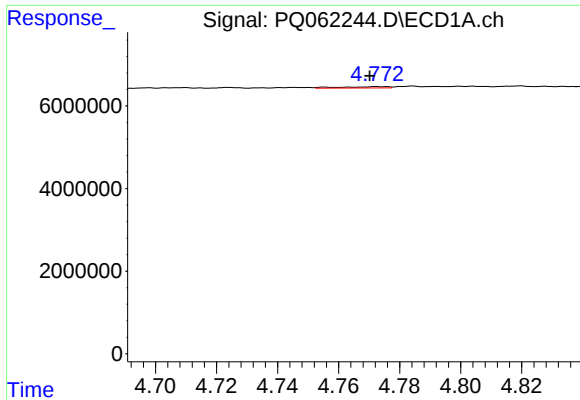
#14 AR-1232-4

R.T.: 4.684 min
Delta R.T.: 0.011 min
Response: 123935
Conc: 2.19 ng/ml



#14 AR-1232-4

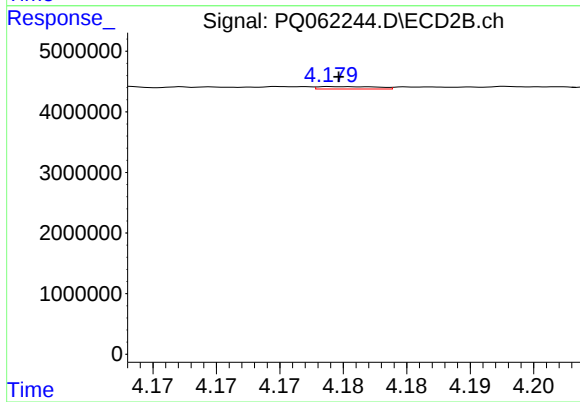
R.T.: 4.029 min
Delta R.T.: 0.007 min
Response: 186770
Conc: 6.28 ng/ml



#15 AR-1232-5

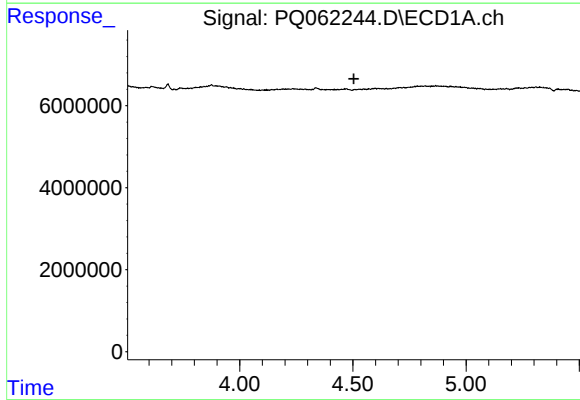
R.T.: 4.773 min
Delta R.T.: 0.002 min
Response: 332567
Conc: 8.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



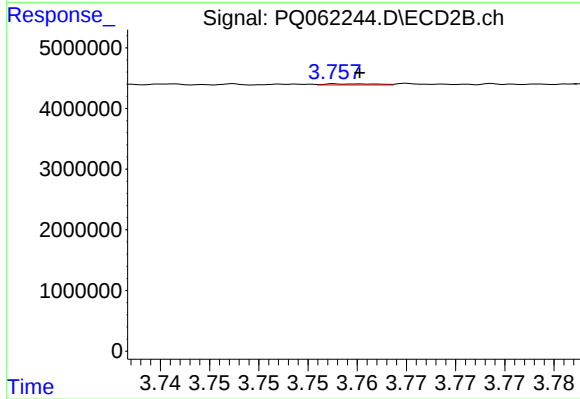
#15 AR-1232-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 132714
Conc: 3.72 ng/ml



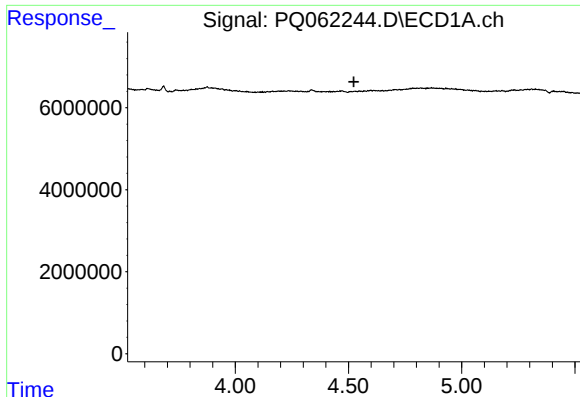
#16 AR-1242-1

R.T.: 4.531 min
Delta R.T.: 0.027 min
Response: -59661
Conc: N.D.



#16 AR-1242-1

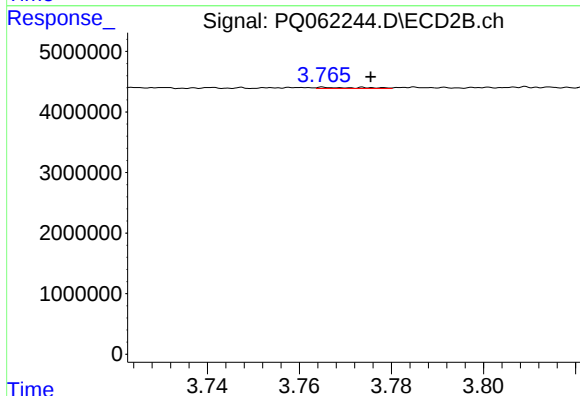
R.T.: 3.758 min
Delta R.T.: -0.002 min
Response: 66220
Conc: 0.86 ng/ml



#17 AR-1242-2

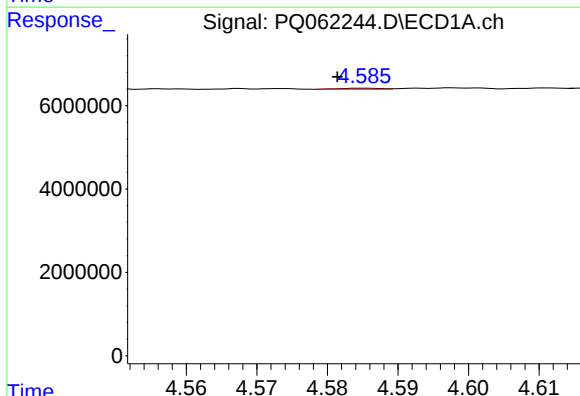
R.T.: 4.531 min
Delta R.T.: 0.008 min
Response: -59661
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



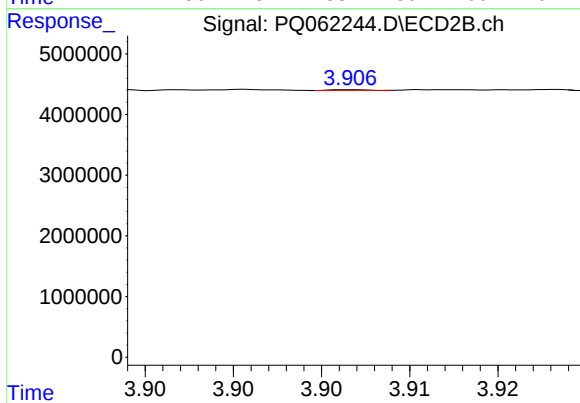
#17 AR-1242-2

R.T.: 3.765 min
Delta R.T.: -0.010 min
Response: 132509
Conc: 1.19 ng/ml



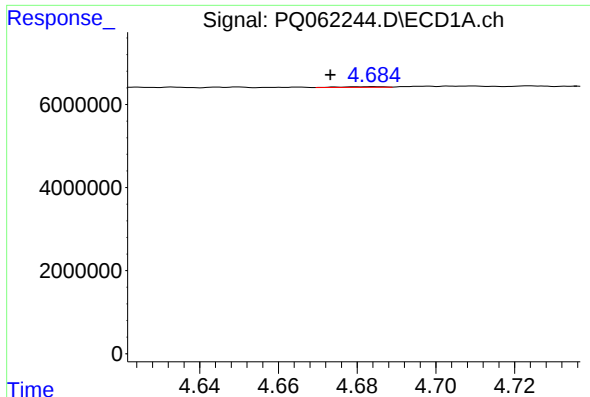
#18 AR-1242-3

R.T.: 4.585 min
Delta R.T.: 0.004 min
Response: 98002
Conc: 0.81 ng/ml



#18 AR-1242-3

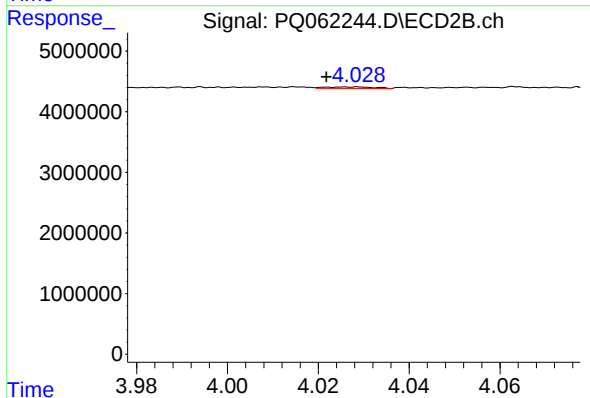
R.T.: 3.907 min
Delta R.T.: -0.029 min
Response: 16560
Conc: 0.28 ng/ml



#19 AR-1242-4

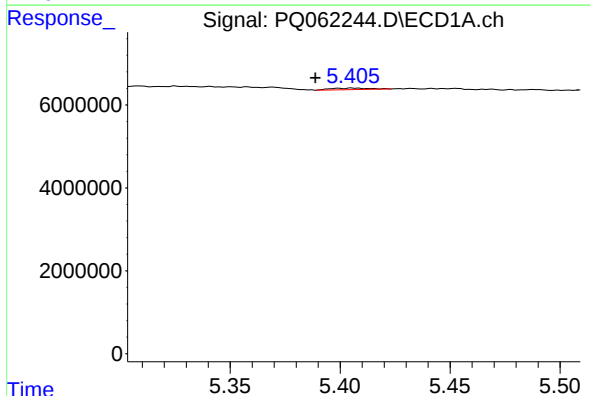
R.T.: 4.684 min
Delta R.T.: 0.011 min
Response: 123935
Conc: 1.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



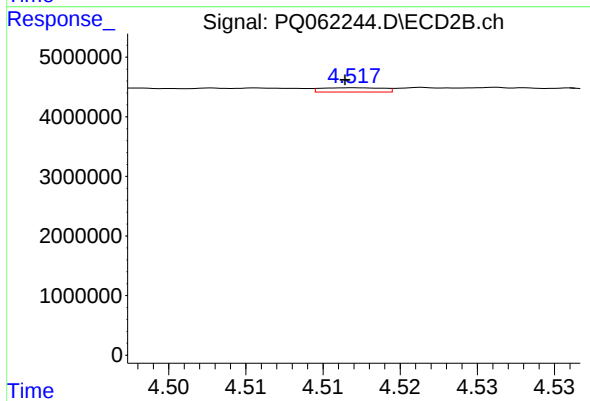
#19 AR-1242-4

R.T.: 4.029 min
Delta R.T.: 0.007 min
Response: 186770
Conc: 3.19 ng/ml



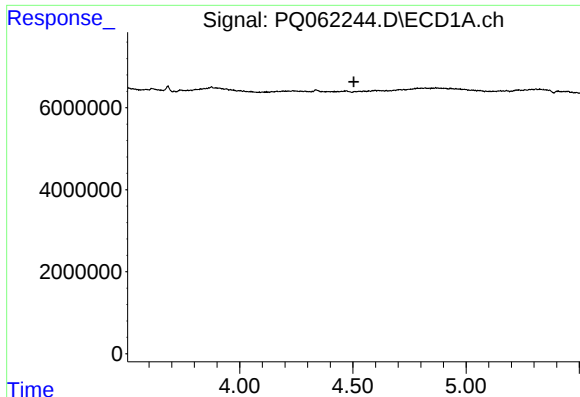
#20 AR-1242-5

R.T.: 5.406 min
Delta R.T.: 0.017 min
Response: 440992
Conc: 4.61 ng/ml



#20 AR-1242-5

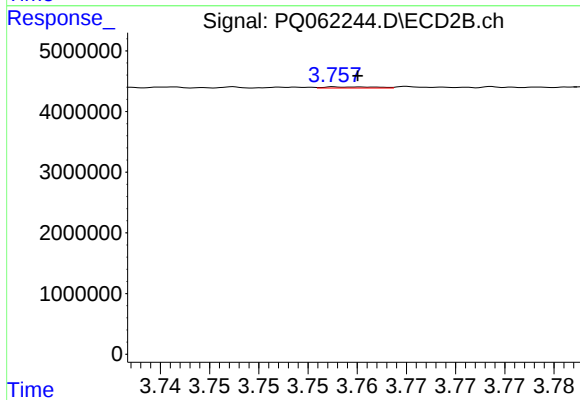
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 200153
Conc: 2.41 ng/ml



#21 AR-1248-1

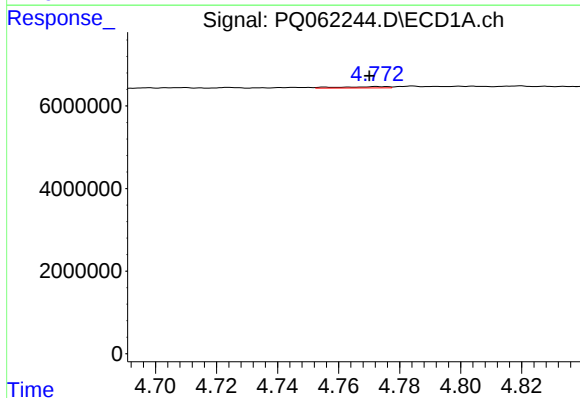
R.T.: 4.531 min
Delta R.T.: 0.027 min
Response: -59661
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



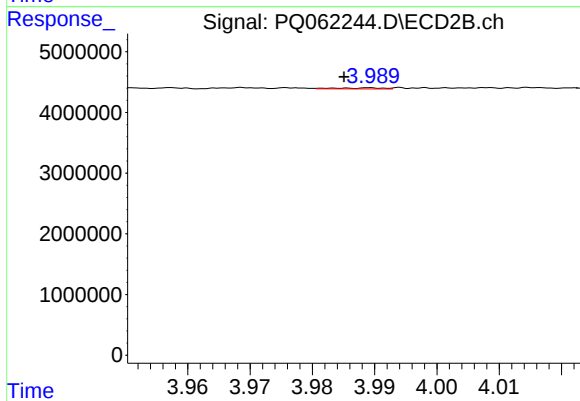
#21 AR-1248-1

R.T.: 3.758 min
Delta R.T.: -0.002 min
Response: 66220
Conc: 1.06 ng/ml



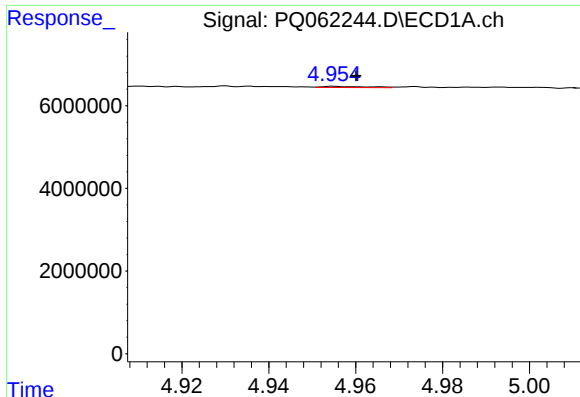
#22 AR-1248-2

R.T.: 4.773 min
Delta R.T.: 0.003 min
Response: 332567
Conc: 2.31 ng/ml



#22 AR-1248-2

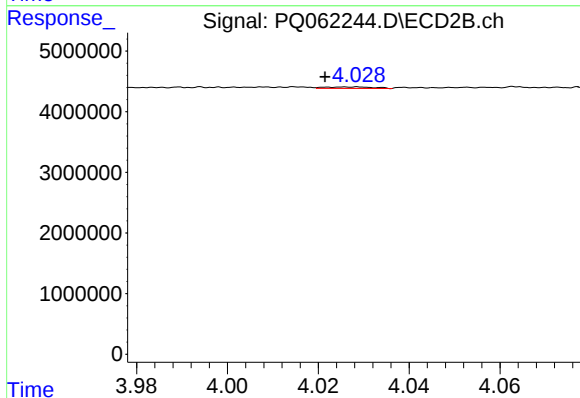
R.T.: 3.989 min
Delta R.T.: 0.004 min
Response: 91880
Conc: 0.98 ng/ml



#23 AR-1248-3

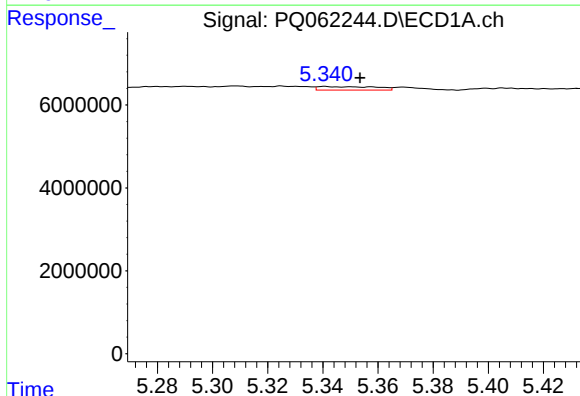
R.T.: 4.955 min
Delta R.T.: -0.005 min
Response: 211348
Conc: 1.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



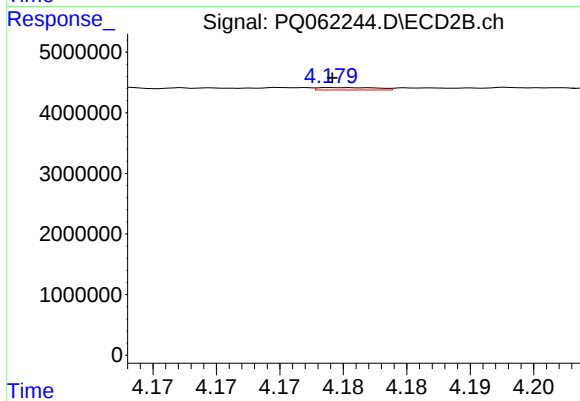
#23 AR-1248-3

R.T.: 4.029 min
Delta R.T.: 0.007 min
Response: 186770
Conc: 2.06 ng/ml



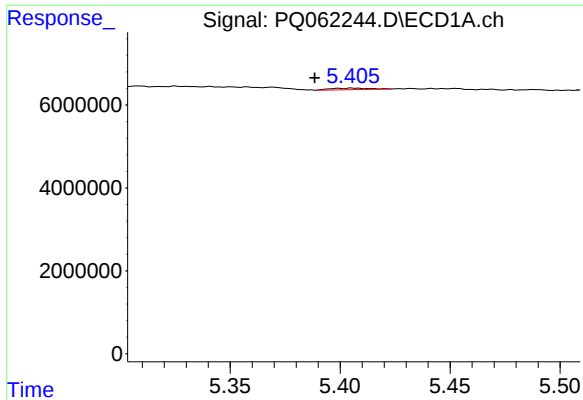
#24 AR-1248-4

R.T.: 5.340 min
Delta R.T.: -0.013 min
Response: 1226680
Conc: 6.39 ng/ml



#24 AR-1248-4

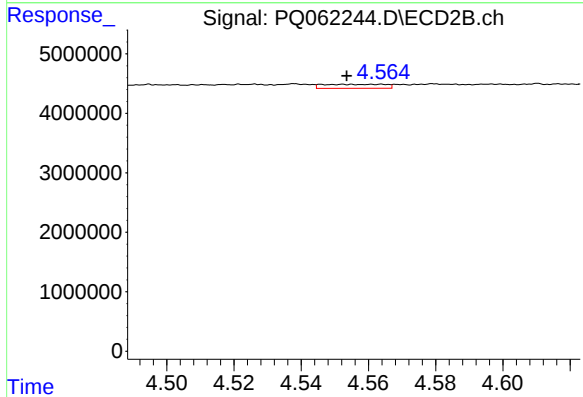
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 132714
Conc: 1.18 ng/ml



#25 AR-1248-5

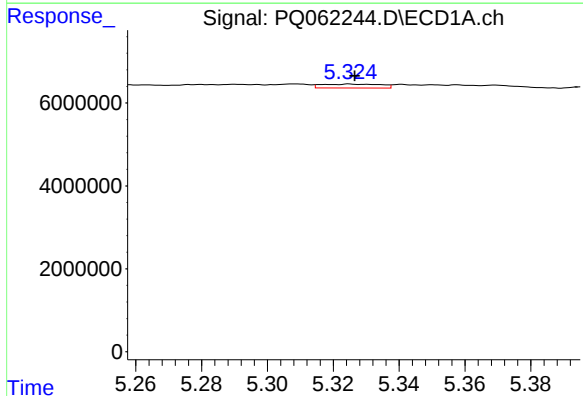
R.T.: 5.406 min
Delta R.T.: 0.017 min
Response: 440992
Conc: 2.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



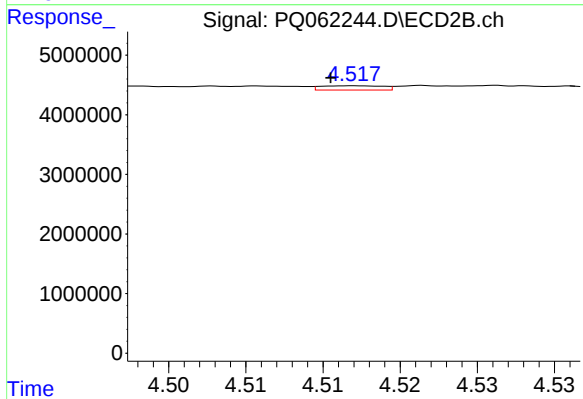
#25 AR-1248-5

R.T.: 4.564 min
Delta R.T.: 0.010 min
Response: 863013
Conc: 7.70 ng/ml



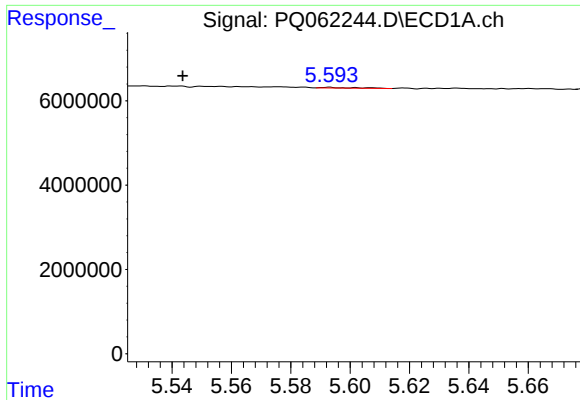
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.001 min
Response: 1164610
Conc: 6.27 ng/ml



#26 AR-1254-1

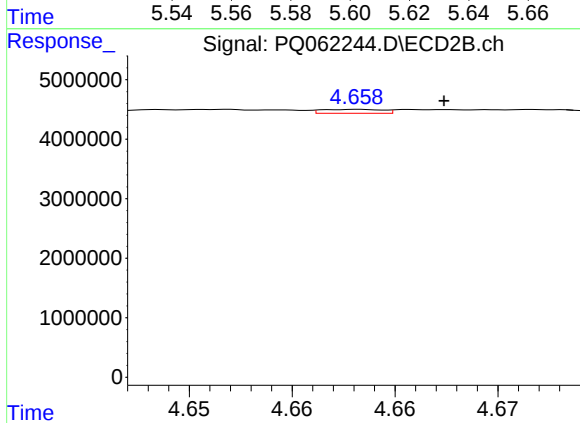
R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 200153
Conc: 1.24 ng/ml



#27 AR-1254-2

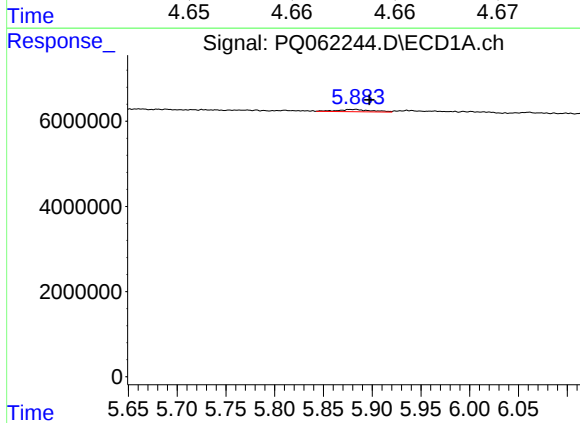
R.T.: 5.593 min
Delta R.T.: 0.049 min
Response: 147947
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



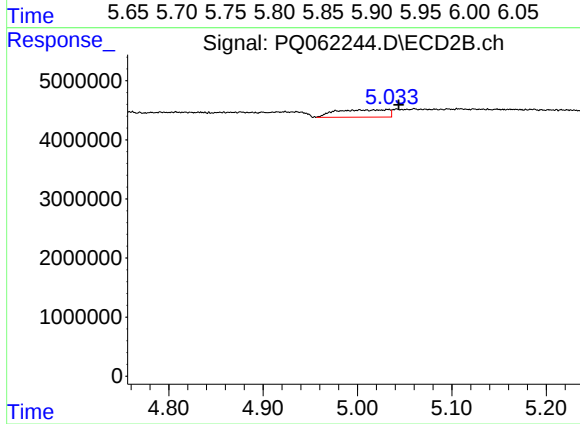
#27 AR-1254-2

R.T.: 4.658 min
Delta R.T.: -0.004 min
Response: 133945
Conc: 0.91 ng/ml



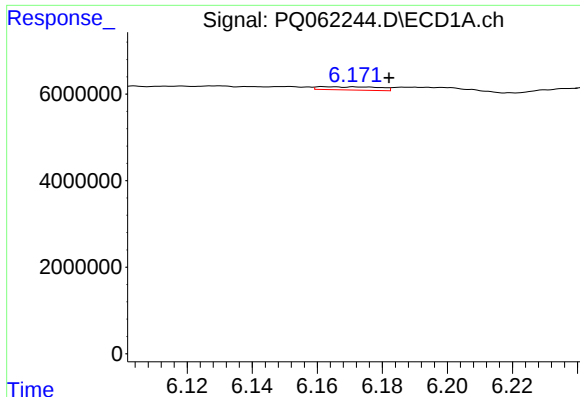
#28 AR-1254-3

R.T.: 5.883 min
Delta R.T.: -0.014 min
Response: 1265832
Conc: 4.12 ng/ml



#28 AR-1254-3

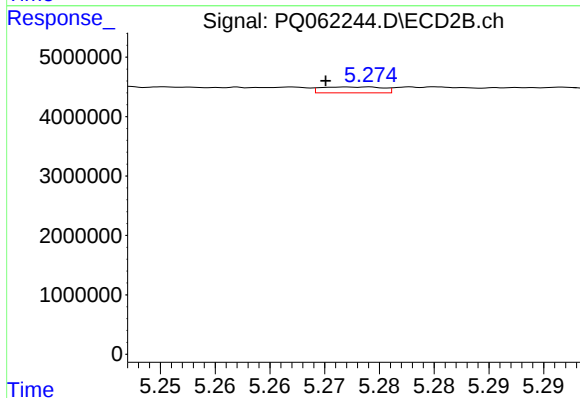
R.T.: 5.032 min
Delta R.T.: -0.011 min
Response: 4854738
Conc: 20.77 ng/ml



#29 AR-1254-4

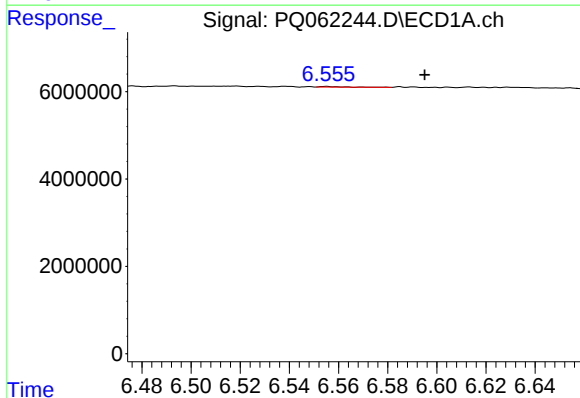
R.T.: 6.162 min
Delta R.T.: -0.020 min
Response: 948609
Conc: 4.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



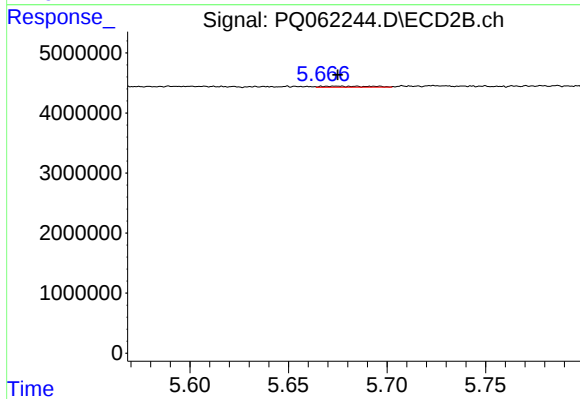
#29 AR-1254-4

R.T.: 5.273 min
Delta R.T.: 0.003 min
Response: 382833
Conc: 2.51 ng/ml



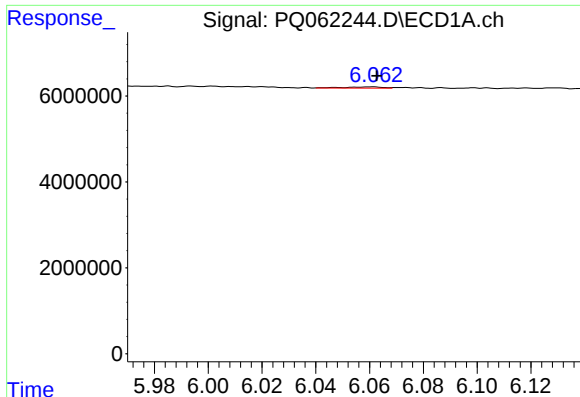
#30 AR-1254-5

R.T.: 6.555 min
Delta R.T.: -0.040 min
Response: 78867
Conc: 0.31 ng/ml



#30 AR-1254-5

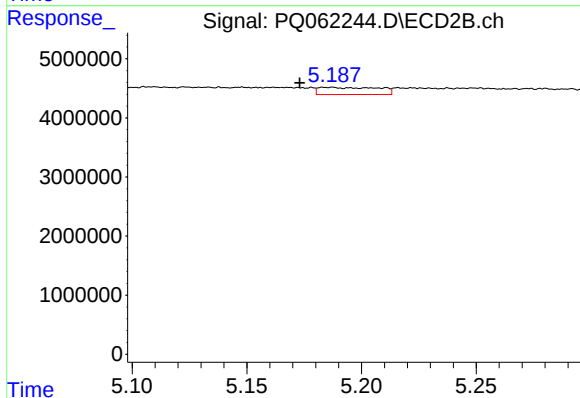
R.T.: 5.684 min
Delta R.T.: 0.009 min
Response: 310859
Conc: 1.35 ng/ml



#31 AR-1260-1

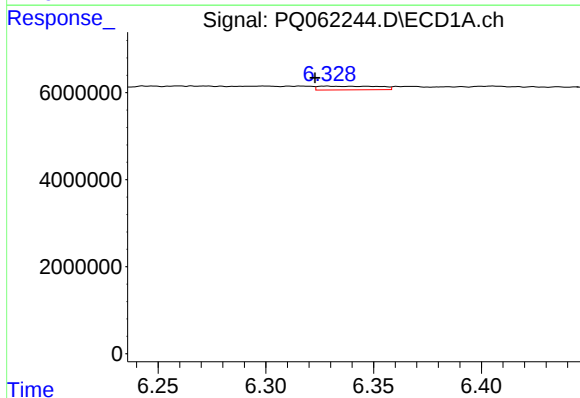
R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 281777
Conc: 1.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



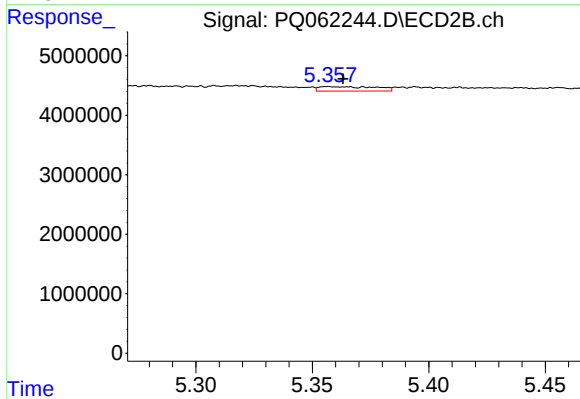
#31 AR-1260-1

R.T.: 5.187 min
Delta R.T.: 0.014 min
Response: 2200936
Conc: 13.21 ng/ml



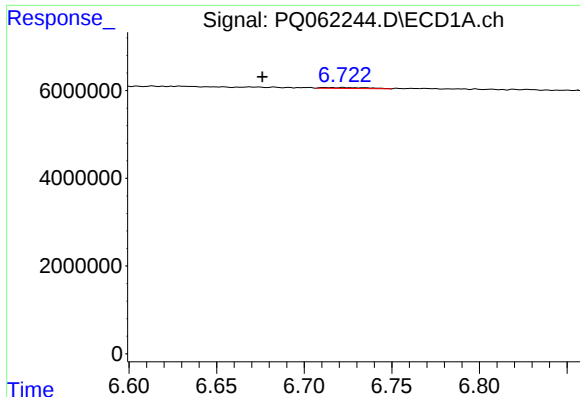
#32 AR-1260-2

R.T.: 6.328 min
Delta R.T.: 0.005 min
Response: 1642366
Conc: 5.69 ng/ml



#32 AR-1260-2

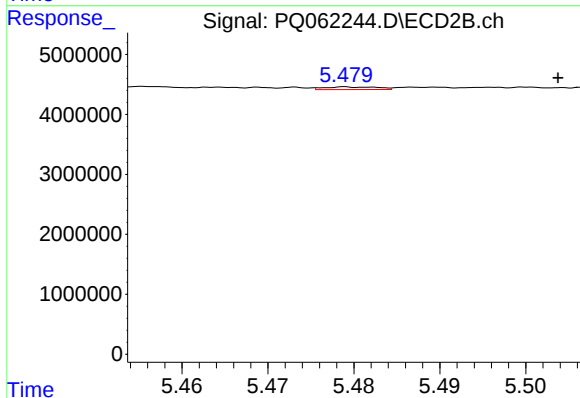
R.T.: 5.357 min
Delta R.T.: -0.007 min
Response: 1273766
Conc: 6.13 ng/ml



#33 AR-1260-3

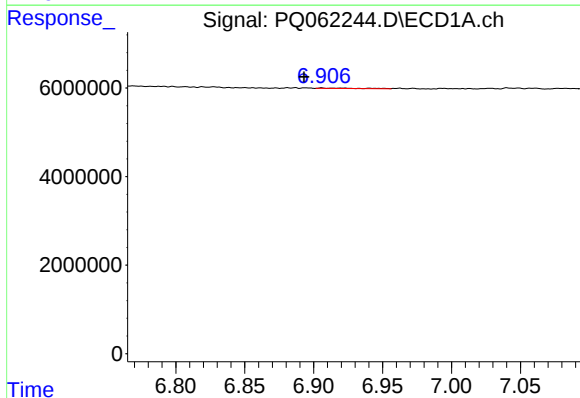
R.T.: 6.712 min
Delta R.T.: 0.035 min
Response: 374401
Conc: 2.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



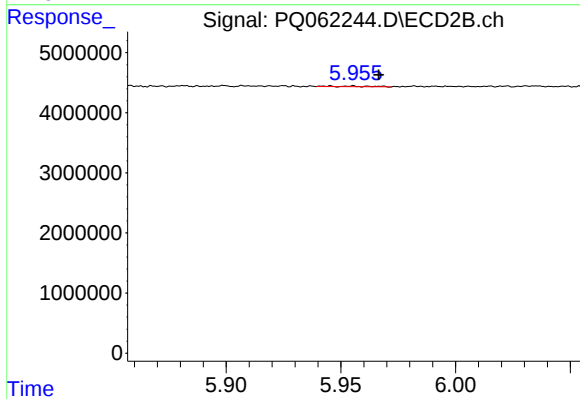
#33 AR-1260-3

R.T.: 5.480 min
Delta R.T.: -0.024 min
Response: 191414
Conc: 0.98 ng/ml



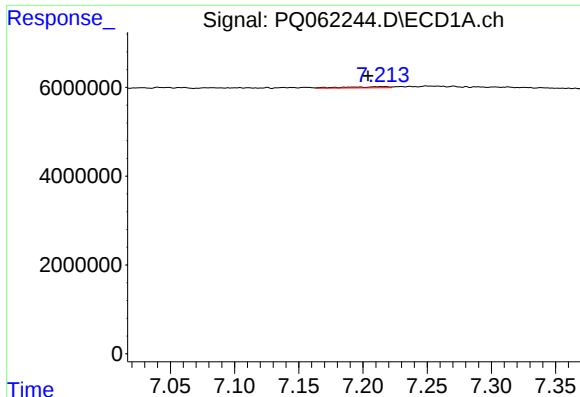
#34 AR-1260-4

R.T.: 6.906 min
Delta R.T.: 0.013 min
Response: 210794
Conc: 1.00 ng/ml



#34 AR-1260-4

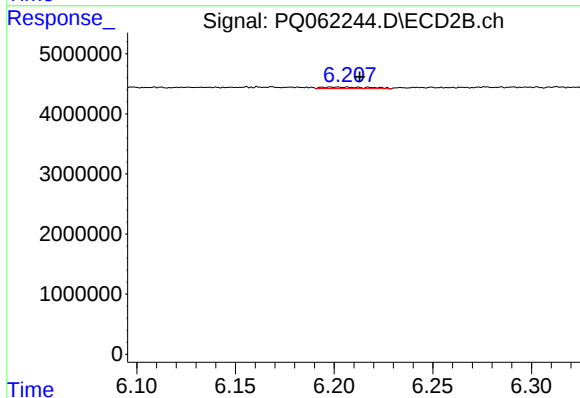
R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 119941
Conc: 0.82 ng/ml



#35 AR-1260-5

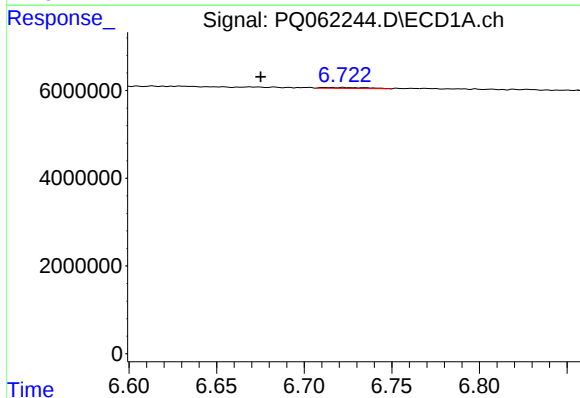
R.T.: 7.215 min
Delta R.T.: 0.011 min
Response: 629005
Conc: 1.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



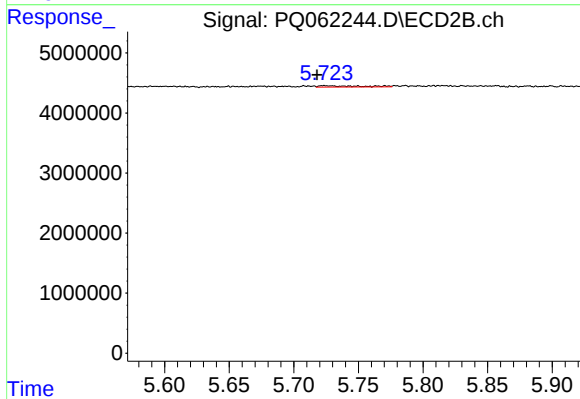
#35 AR-1260-5

R.T.: 6.202 min
Delta R.T.: -0.011 min
Response: 425232
Conc: 1.28 ng/ml



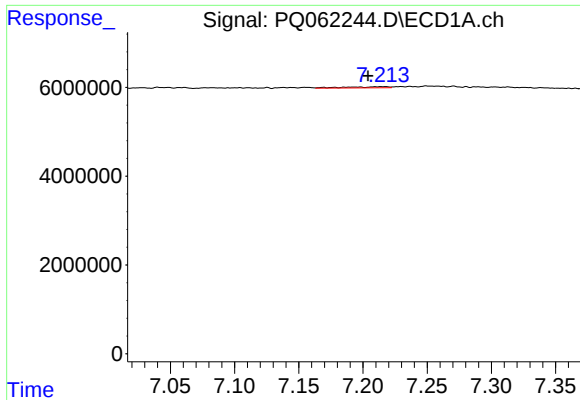
#36 AR-1262-1

R.T.: 6.712 min
Delta R.T.: 0.037 min
Response: 374401
Conc: 1.23 ng/ml



#36 AR-1262-1

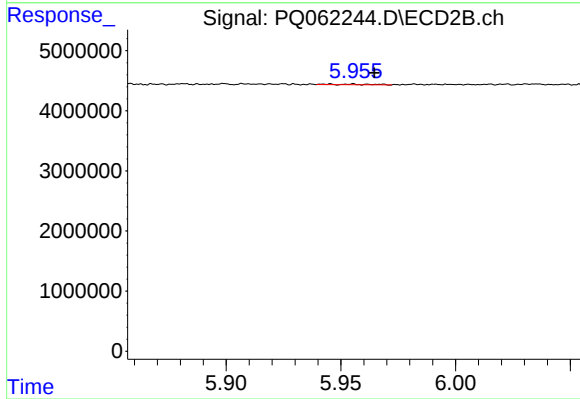
R.T.: 5.723 min
Delta R.T.: 0.005 min
Response: 496703
Conc: 2.14 ng/ml



#37 AR-1262-2

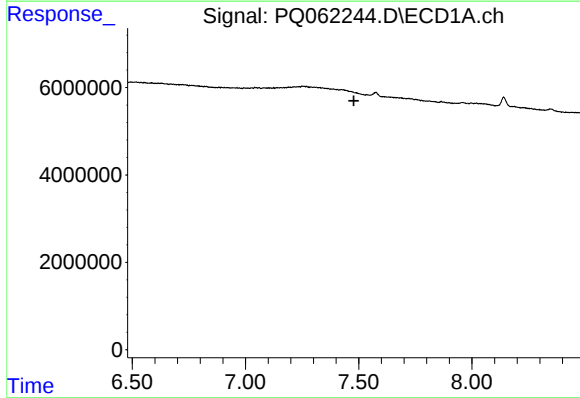
R.T.: 7.215 min
Delta R.T.: 0.011 min
Response: 629005
Conc: 1.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



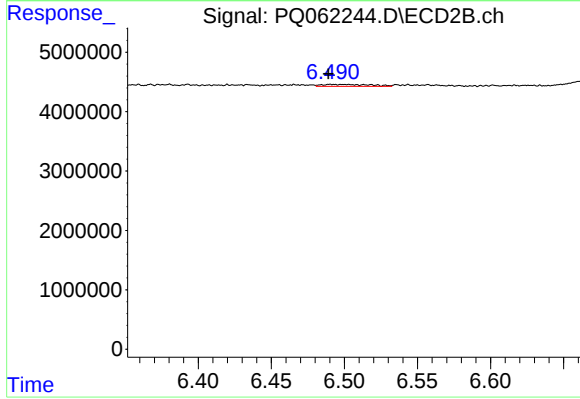
#37 AR-1262-2

R.T.: 5.955 min
Delta R.T.: -0.009 min
Response: 119941
Conc: 0.55 ng/ml



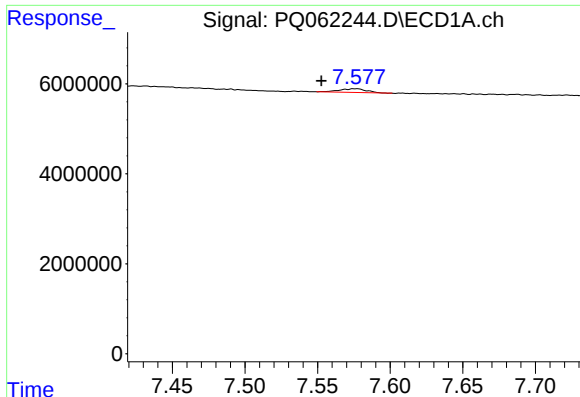
#38 AR-1262-3

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



#38 AR-1262-3

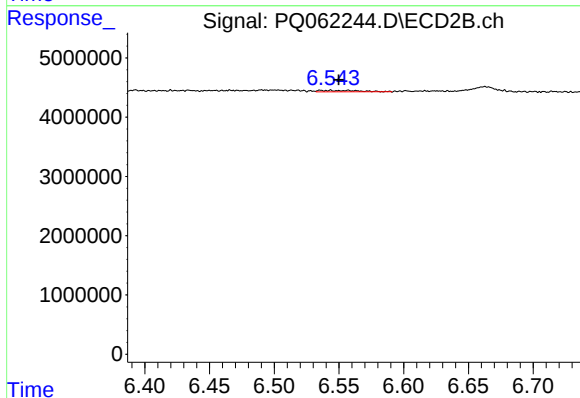
R.T.: 6.500 min
Delta R.T.: 0.011 min
Response: 746574
Conc: 4.28 ng/ml



#39 AR-1262-4

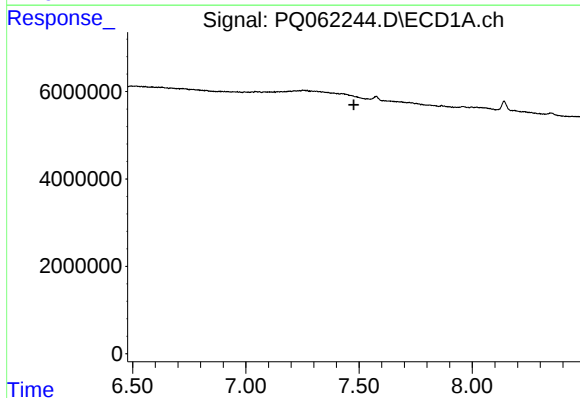
R.T.: 7.576 min
Delta R.T.: 0.023 min
Response: 982676
Conc: 3.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



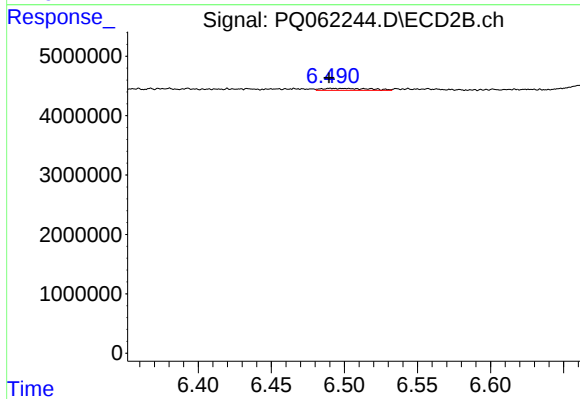
#39 AR-1262-4

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 496793
Conc: 1.54 ng/ml



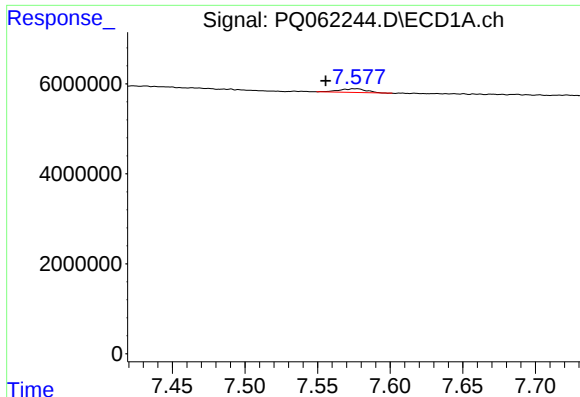
#41 AR-1268-1

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



#41 AR-1268-1

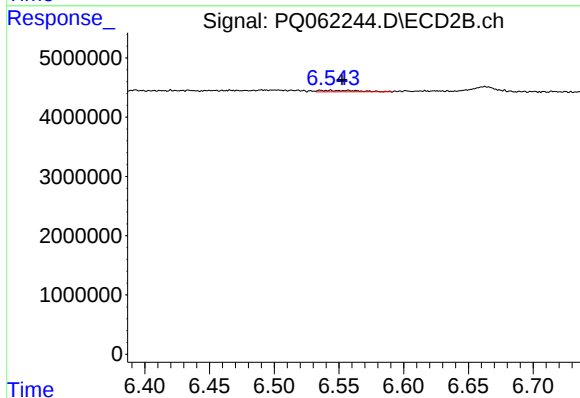
R.T.: 6.500 min
Delta R.T.: 0.010 min
Response: 746574
Conc: 1.59 ng/ml



#42 AR-1268-2

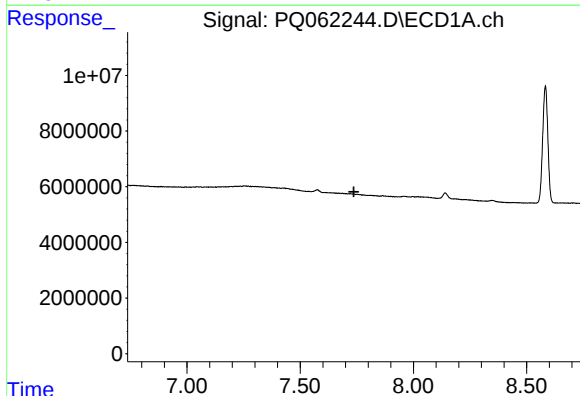
R.T.: 7.576 min
Delta R.T.: 0.020 min
Response: 982676
Conc: 1.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



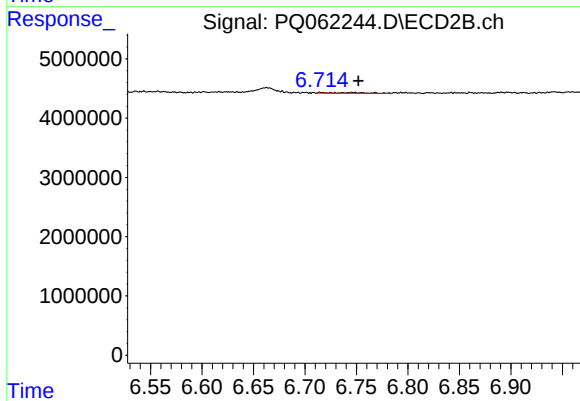
#42 AR-1268-2

R.T.: 6.544 min
Delta R.T.: -0.009 min
Response: 496793
Conc: 1.17 ng/ml



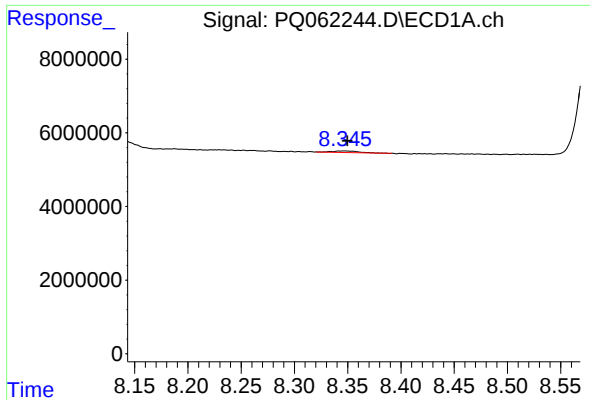
#43 AR-1268-3

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



#43 AR-1268-3

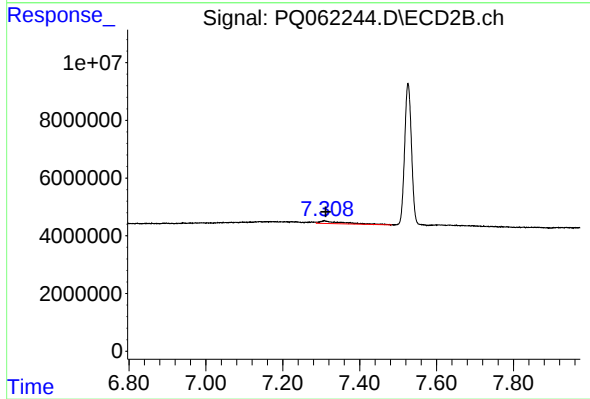
R.T.: 6.746 min
Delta R.T.: -0.006 min
Response: 329156
Conc: 0.89 ng/ml



#45 AR-1268-5

R.T.: 8.347 min
Delta R.T.: -0.003 min
Response: 650435
Conc: 0.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 7.308 min
Delta R.T.: -0.004 min
Response: 3966382
Conc: 3.40 ng/ml