

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071423\
 Data File : PQ062229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2023 11:14
 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 05:23:57 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	2.758	117.8E6	65564851	24.148	26.131
2)	SA Decachlor...	8.583	7.526	82144292	76236552	22.612	22.879
Target Compounds							
3)	L1 AR-1016-1	4.526	3.758	219644	153104	1.333	1.547
4)	L1 AR-1016-2	4.526	3.781	219644	216614	0.888	1.502 #
5)	L1 AR-1016-3	4.575	3.961	131749	47287	0.864	0.627 #
6)	L1 AR-1016-4	4.668	3.979	76984	152080	0.614	2.316 #
7)	L1 AR-1016-5	4.968	4.167	183944	381725	1.511	4.656 #
8)	L2 AR-1221-1	3.617	2.960	581988	126776	9.682	3.842 #
9)	L2 AR-1221-2	3.683	3.027	1877042	1205830	41.775	47.474
10)	L2 AR-1221-3	3.754	3.103	333179	45467	2.371	0.590 #
11)	L3 AR-1232-1	3.754	3.103	333179	45467	3.155	0.794 #
12)	L3 AR-1232-2	4.246	3.781	77268	216614	1.306	3.255 #
13)	L3 AR-1232-3	4.526	3.961	219644	47287	1.942	1.368 #
14)	L3 AR-1232-4	4.668	4.024	76984	63514	1.359	2.136 #
15)	L3 AR-1232-5	4.762	4.167	249500	381725	6.230	10.704 #
16)	L4 AR-1242-1	4.526	3.758	219644	153104	1.680	1.980
17)	L4 AR-1242-2	4.526	3.781	219644	216614	1.131	1.949 #
18)	L4 AR-1242-3	4.575	3.961	131749	47287	1.090	0.807 #
19)	L4 AR-1242-4	4.668	4.024	76984	63514	0.790	1.083 #
20)	L4 AR-1242-5	0.000	4.517	0	188304	N.D.	2.272 #
21)	L5 AR-1248-1	4.526	3.758	219644	153104	2.112	2.449
22)	L5 AR-1248-2	4.762	3.979	249500	152080	1.737	1.622
23)	L5 AR-1248-3	4.968	4.024	183944	63514	1.059	0.701 #
24)	L5 AR-1248-4	5.323f	4.167	334637	381725	1.744	3.383 #
25)	L5 AR-1248-5	0.000	4.545	0	158650	N.D.	1.416 #
26)	L6 AR-1254-1	5.323	4.517	334637	188304	1.801	1.166 #
27)	L6 AR-1254-2	5.555	4.649	214936	235664	0.739	1.601 #
28)	L6 AR-1254-3	5.901	5.037	263027	651563	0.856	2.788 #
29)	L6 AR-1254-4	6.176	5.267	162710	327908	0.701	2.151 #
30)	L6 AR-1254-5	6.587	5.672	309497	165041	1.205	0.715 #
31)	L7 AR-1260-1	6.059	5.159	85091	332439	0.361	1.996 #
32)	L7 AR-1260-2	6.324	5.363	116184	328776	0.402	1.581 #
33)	L7 AR-1260-3	6.694	5.508	115937	128962	0.657	0.663
34)	L7 AR-1260-4	0.000	5.963	0	175144	N.D.	1.201 #
35)	L7 AR-1260-5	7.181	6.199	472420	239159	1.151	0.720 #
36)	L8 AR-1262-1	6.694	5.714	115937	120289	0.380	0.517 #
37)	L8 AR-1262-2	7.181	5.963	472420	175144	0.897	0.810
38)	L8 AR-1262-3	7.477	6.504	161596	213676	0.459	1.226 #
39)	L8 AR-1262-4	7.559	6.537	631189	182725	2.366	0.567 #
40)	L8 AR-1262-5	0.000	7.023	0	86156	N.D.	0.555 #
41)	L9 AR-1268-1	7.477	6.504	161596	213676	0.285	0.454 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071423\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2023 11:14
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

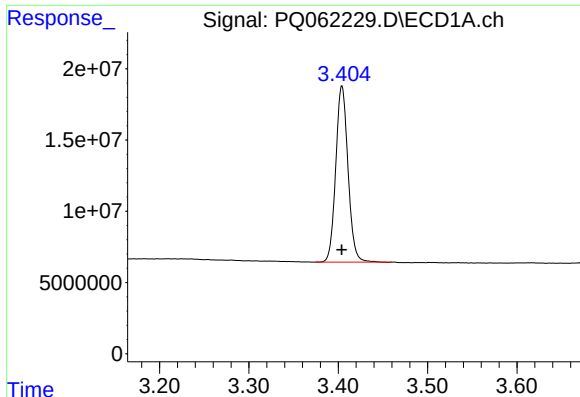
Instrument :
 ECD_Q
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 05:23:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 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
42) L9	AR-1268-2	7.559	6.568	631189	95010	1.238	0.224 #
43) L9	AR-1268-3	7.738	6.749	252591	415952	0.592	1.129 #
44) L9	AR-1268-4	0.000	7.023	0	86156	N.D.	0.539 #
45) L9	AR-1268-5	8.350	7.313	699825	719194	0.555	0.616

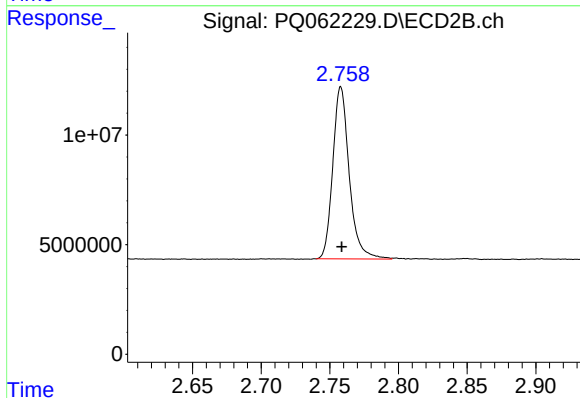
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

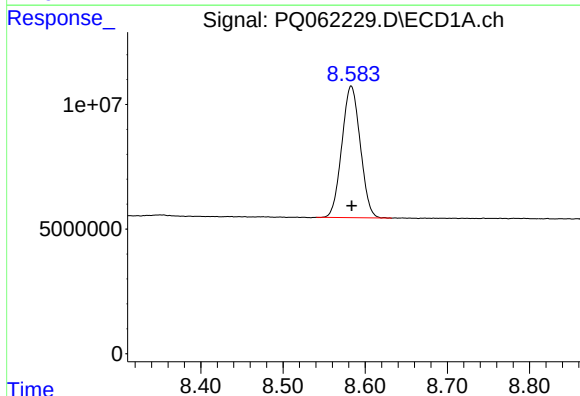
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 117796465
Conc: 24.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



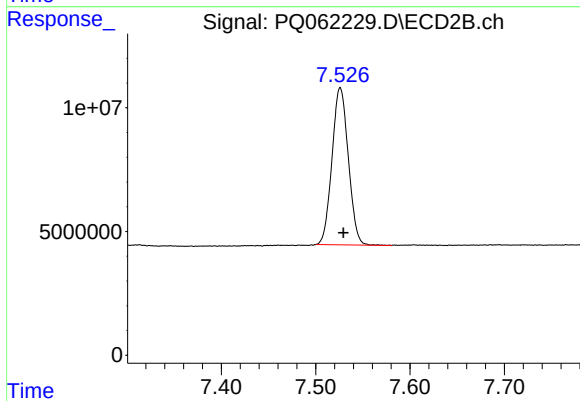
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 65564851
Conc: 26.13 ng/ml



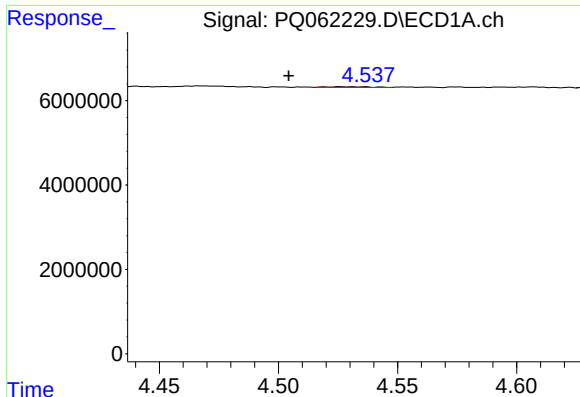
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 82144292
Conc: 22.61 ng/ml



#2 Decachlorobiphenyl

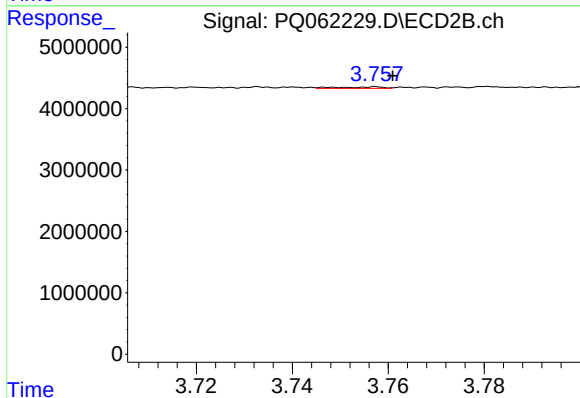
R.T.: 7.526 min
Delta R.T.: -0.003 min
Response: 76236552
Conc: 22.88 ng/ml



#3 AR-1016-1

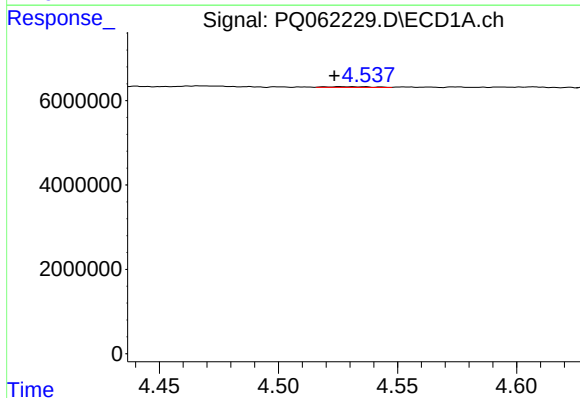
R.T.: 4.526 min
Delta R.T.: 0.022 min
Response: 219644
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



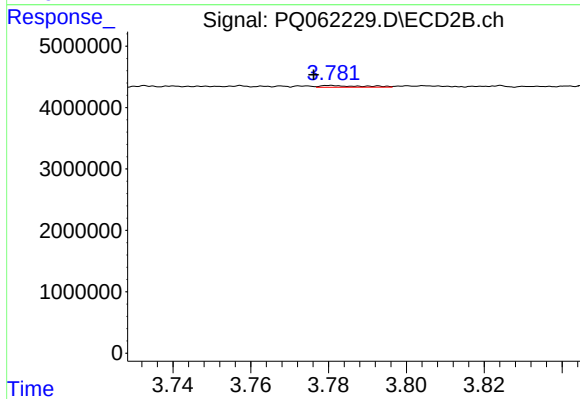
#3 AR-1016-1

R.T.: 3.758 min
Delta R.T.: -0.003 min
Response: 153104
Conc: 1.55 ng/ml



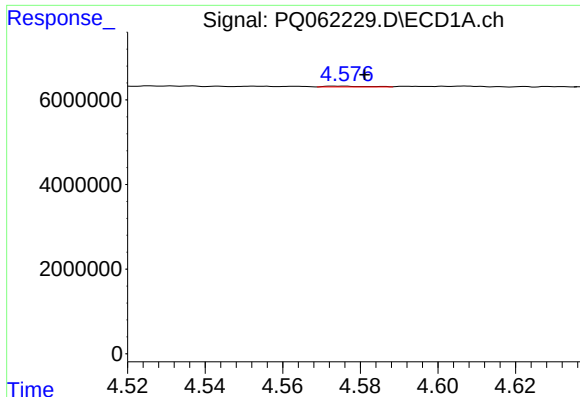
#4 AR-1016-2

R.T.: 4.526 min
Delta R.T.: 0.003 min
Response: 219644
Conc: 0.89 ng/ml



#4 AR-1016-2

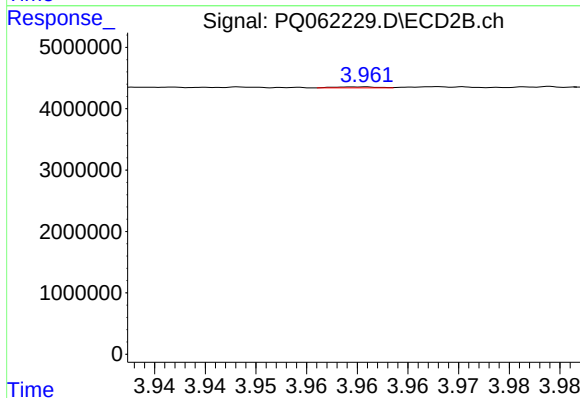
R.T.: 3.781 min
Delta R.T.: 0.004 min
Response: 216614
Conc: 1.50 ng/ml



#5 AR-1016-3

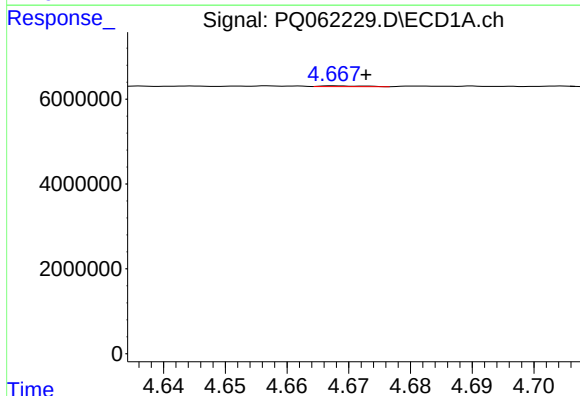
R.T.: 4.575 min
Delta R.T.: -0.006 min
Response: 131749
Conc: 0.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



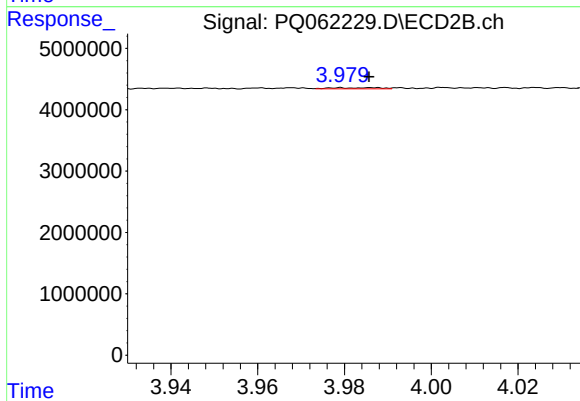
#5 AR-1016-3

R.T.: 3.961 min
Delta R.T.: 0.024 min
Response: 47287
Conc: 0.63 ng/ml



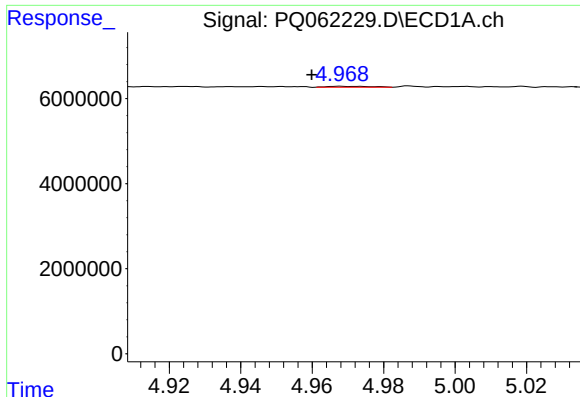
#6 AR-1016-4

R.T.: 4.668 min
Delta R.T.: -0.005 min
Response: 76984
Conc: 0.61 ng/ml



#6 AR-1016-4

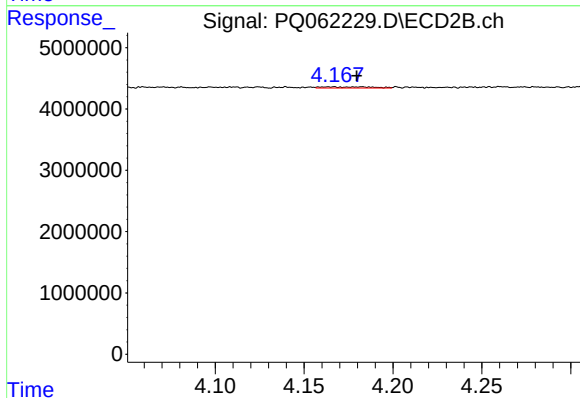
R.T.: 3.979 min
Delta R.T.: -0.007 min
Response: 152080
Conc: 2.32 ng/ml



#7 AR-1016-5

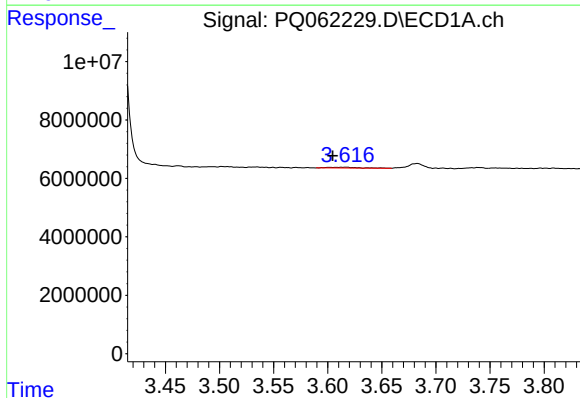
R.T.: 4.968 min
Delta R.T.: 0.008 min
Response: 183944
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



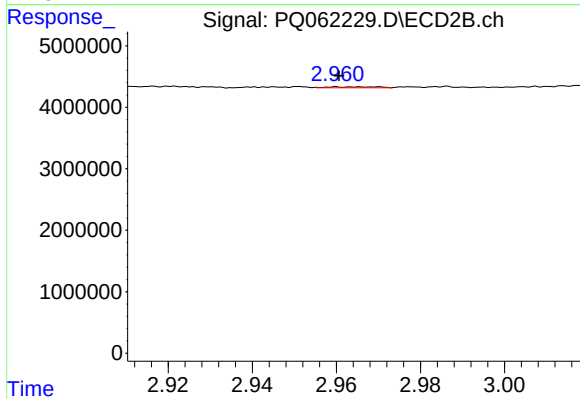
#7 AR-1016-5

R.T.: 4.167 min
Delta R.T.: -0.012 min
Response: 381725
Conc: 4.66 ng/ml



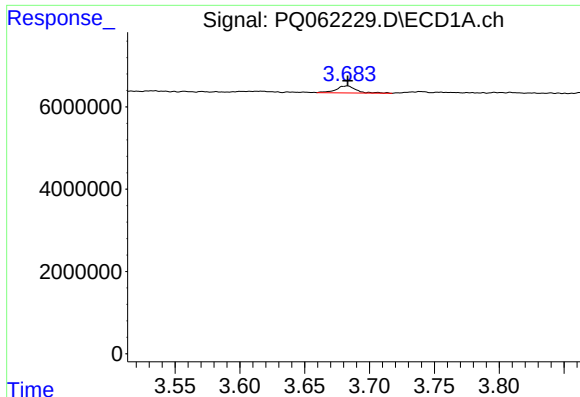
#8 AR-1221-1

R.T.: 3.617 min
Delta R.T.: 0.012 min
Response: 581988
Conc: 9.68 ng/ml



#8 AR-1221-1

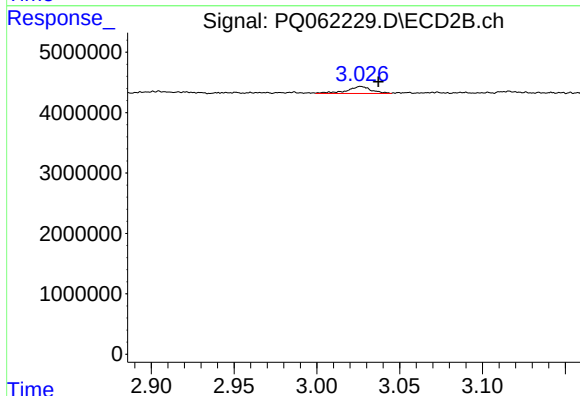
R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 126776
Conc: 3.84 ng/ml



#9 AR-1221-2

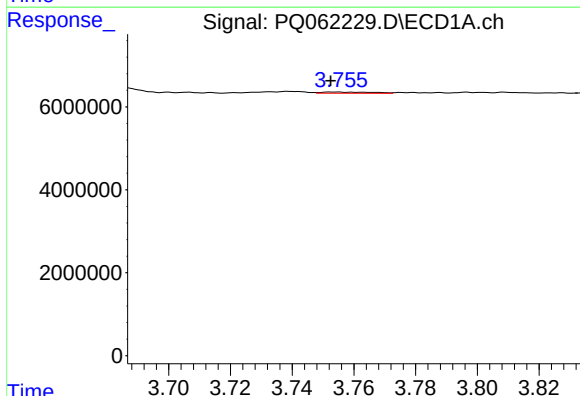
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 1877042
Conc: 41.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



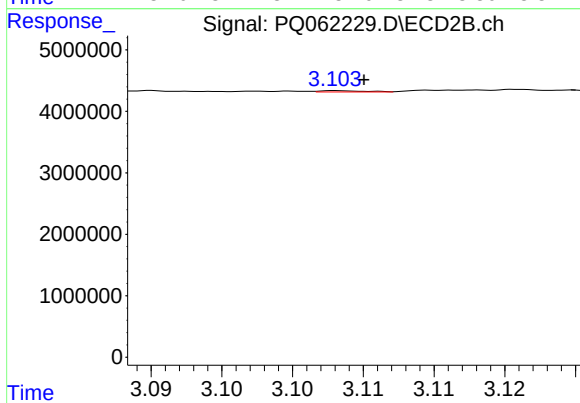
#9 AR-1221-2

R.T.: 3.027 min
Delta R.T.: -0.011 min
Response: 1205830
Conc: 47.47 ng/ml



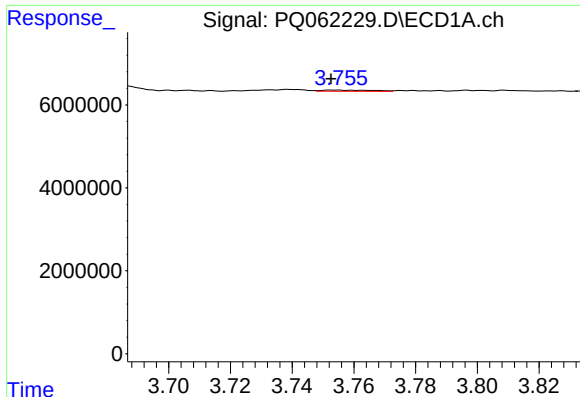
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.002 min
Response: 333179
Conc: 2.37 ng/ml



#10 AR-1221-3

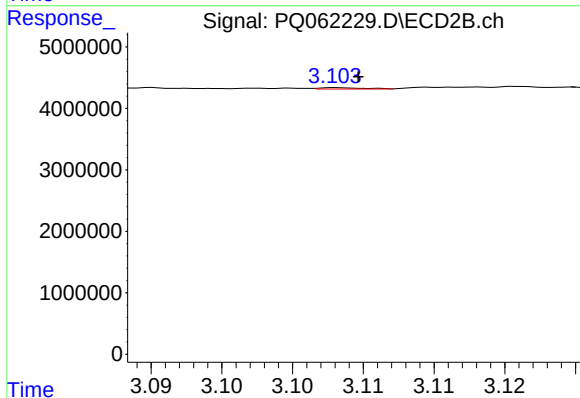
R.T.: 3.103 min
Delta R.T.: -0.002 min
Response: 45467
Conc: 0.59 ng/ml



#11 AR-1232-1

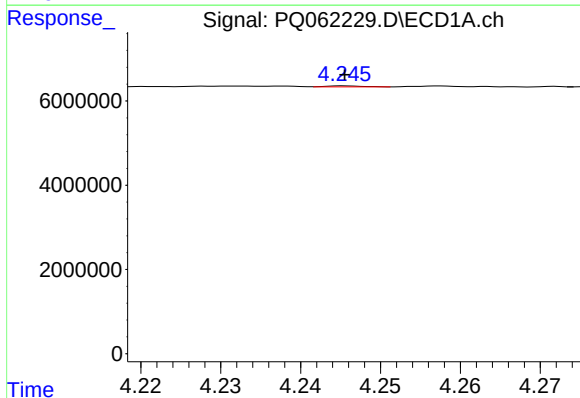
R.T.: 3.754 min
Delta R.T.: 0.002 min
Response: 333179
Conc: 3.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



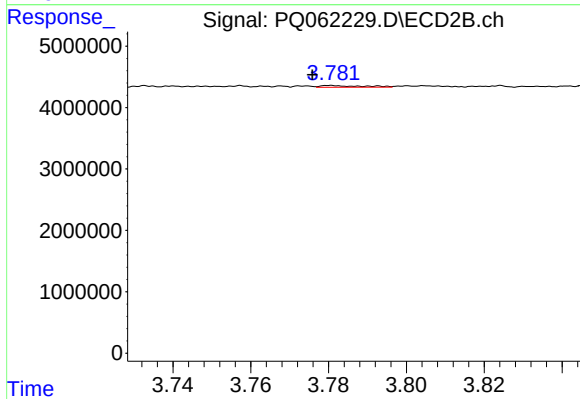
#11 AR-1232-1

R.T.: 3.103 min
Delta R.T.: -0.001 min
Response: 45467
Conc: 0.79 ng/ml



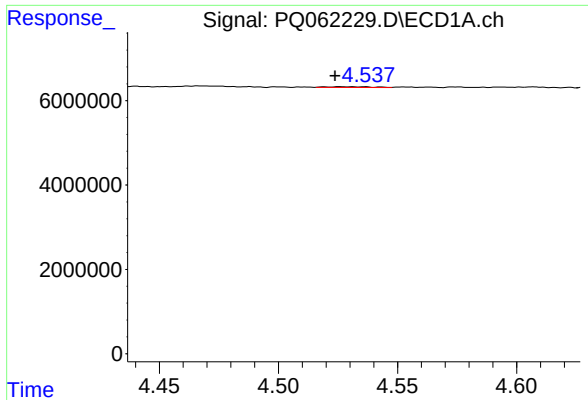
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 77268
Conc: 1.31 ng/ml



#12 AR-1232-2

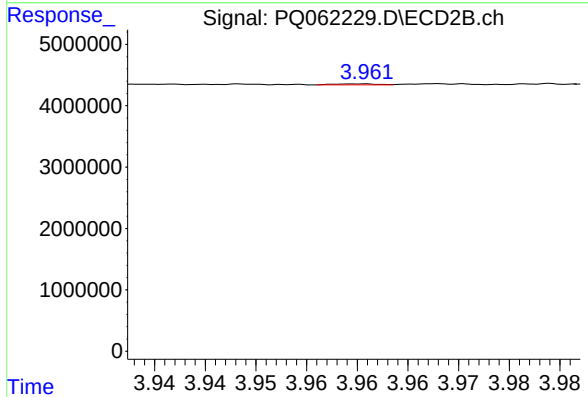
R.T.: 3.781 min
Delta R.T.: 0.005 min
Response: 216614
Conc: 3.25 ng/ml



#13 AR-1232-3

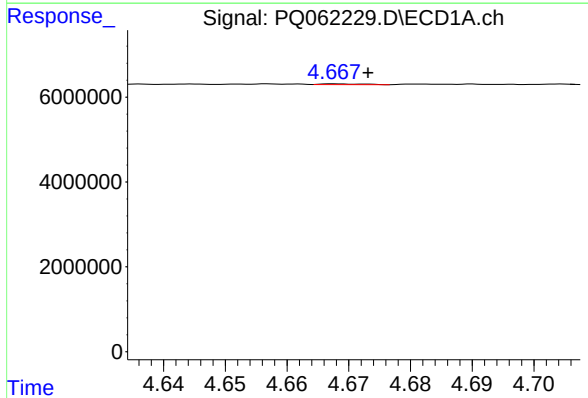
R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 219644
Conc: 1.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



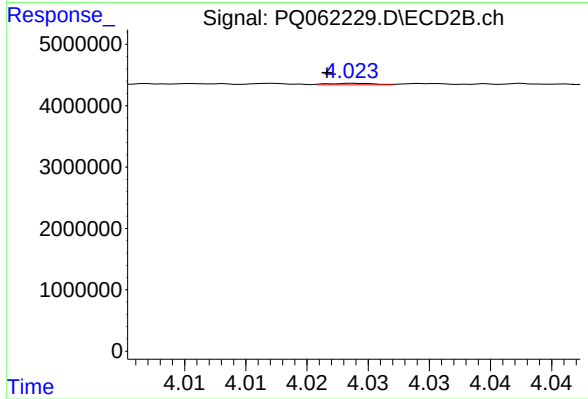
#13 AR-1232-3

R.T.: 3.961 min
Delta R.T.: 0.025 min
Response: 47287
Conc: 1.37 ng/ml



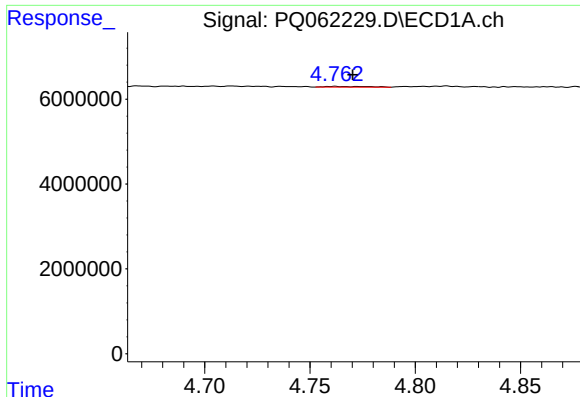
#14 AR-1232-4

R.T.: 4.668 min
Delta R.T.: -0.005 min
Response: 76984
Conc: 1.36 ng/ml



#14 AR-1232-4

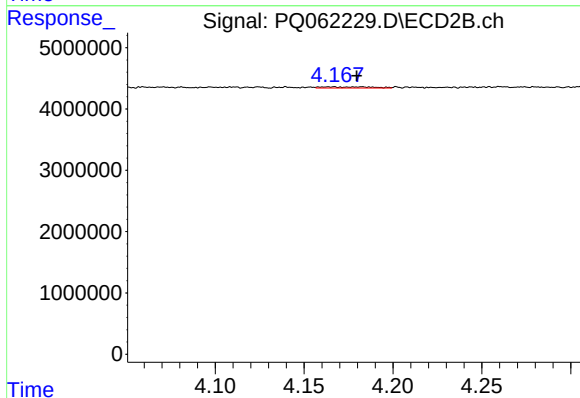
R.T.: 4.024 min
Delta R.T.: 0.003 min
Response: 63514
Conc: 2.14 ng/ml



#15 AR-1232-5

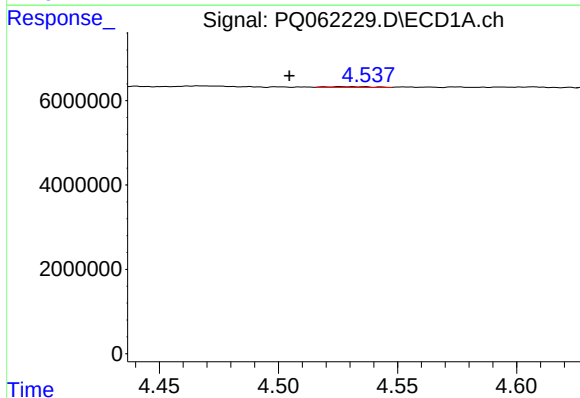
R.T.: 4.762 min
Delta R.T.: -0.009 min
Response: 249500
Conc: 6.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



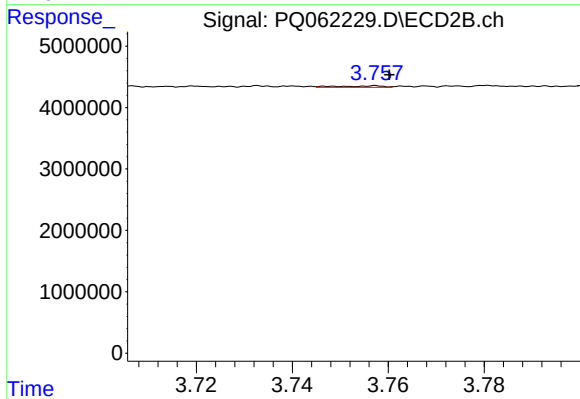
#15 AR-1232-5

R.T.: 4.167 min
Delta R.T.: -0.013 min
Response: 381725
Conc: 10.70 ng/ml



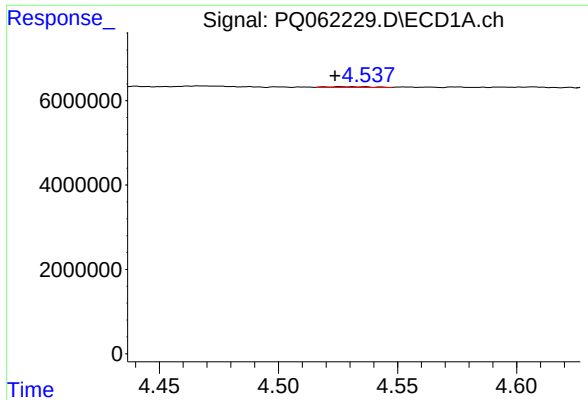
#16 AR-1242-1

R.T.: 4.526 min
Delta R.T.: 0.021 min
Response: 219644
Conc: 1.68 ng/ml



#16 AR-1242-1

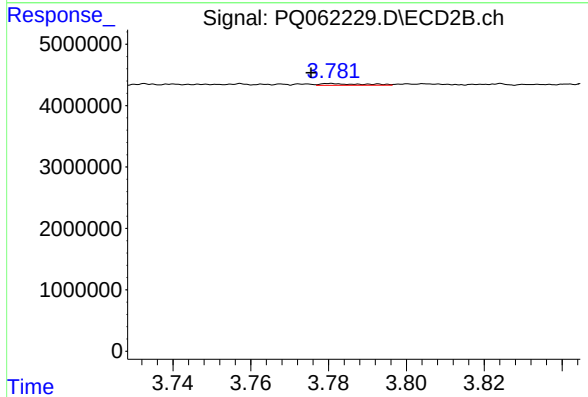
R.T.: 3.758 min
Delta R.T.: -0.003 min
Response: 153104
Conc: 1.98 ng/ml



#17 AR-1242-2

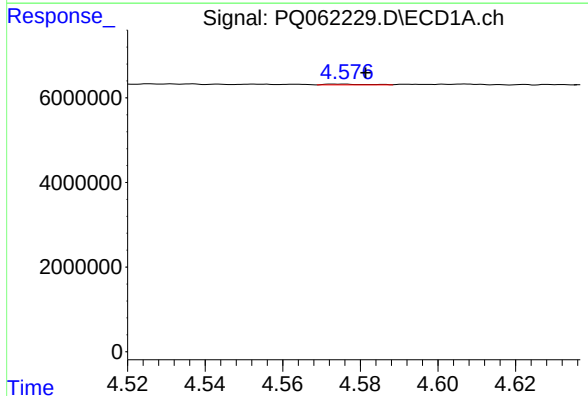
R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 219644
Conc: 1.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



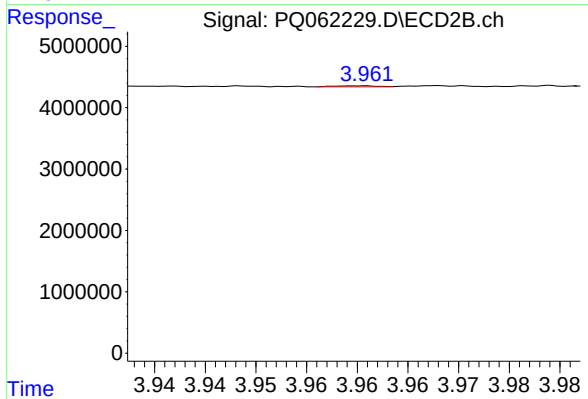
#17 AR-1242-2

R.T.: 3.781 min
Delta R.T.: 0.005 min
Response: 216614
Conc: 1.95 ng/ml



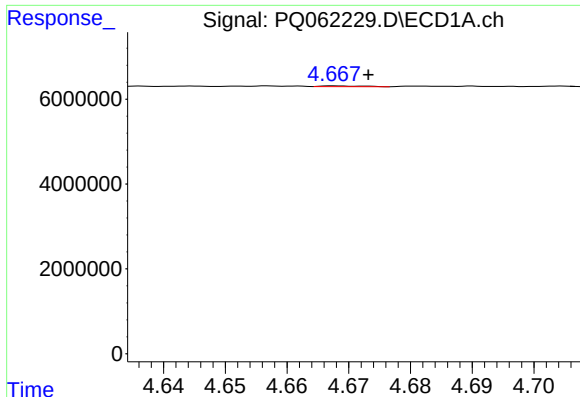
#18 AR-1242-3

R.T.: 4.575 min
Delta R.T.: -0.007 min
Response: 131749
Conc: 1.09 ng/ml



#18 AR-1242-3

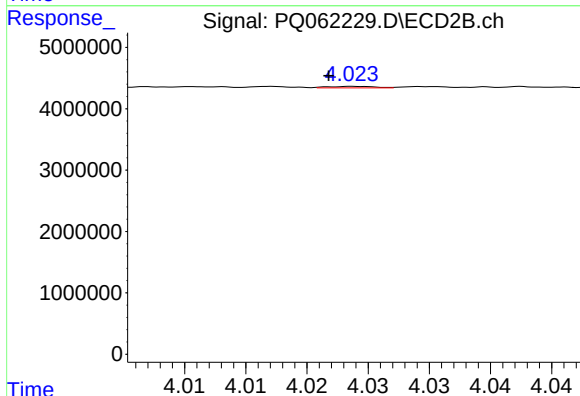
R.T.: 3.961 min
Delta R.T.: 0.025 min
Response: 47287
Conc: 0.81 ng/ml



#19 AR-1242-4

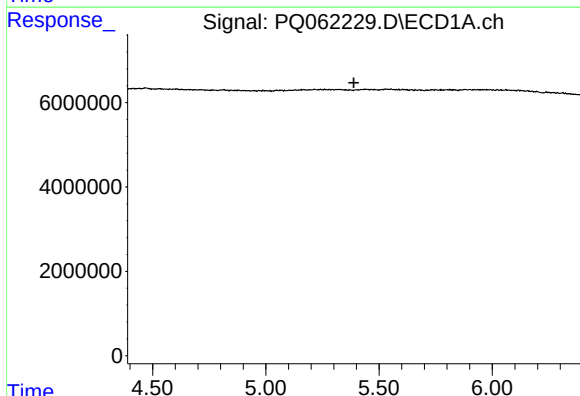
R.T.: 4.668 min
Delta R.T.: -0.005 min
Response: 76984
Conc: 0.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



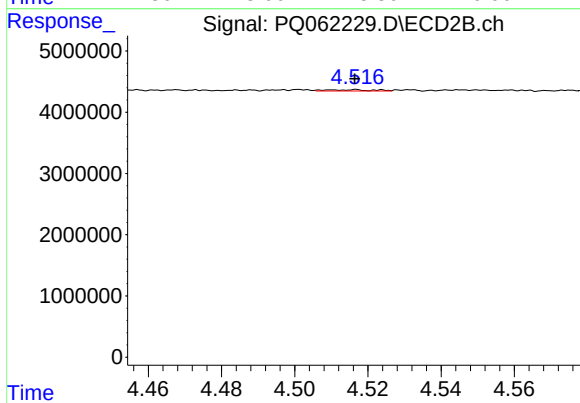
#19 AR-1242-4

R.T.: 4.024 min
Delta R.T.: 0.002 min
Response: 63514
Conc: 1.08 ng/ml



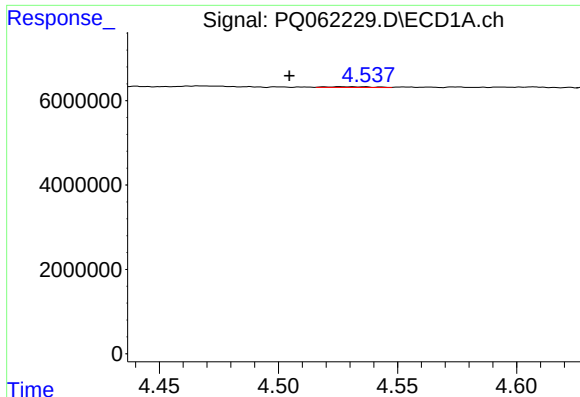
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.389 min
Response: 0
Conc: N.D.



#20 AR-1242-5

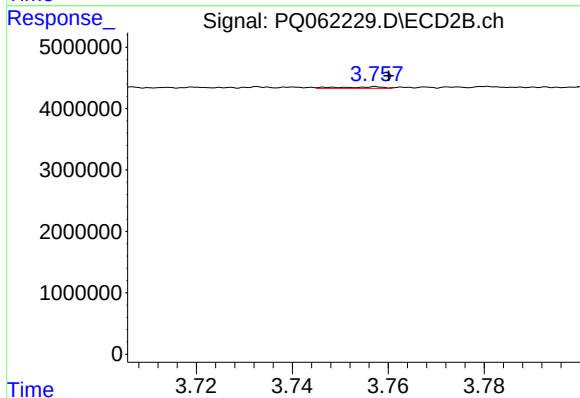
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 188304
Conc: 2.27 ng/ml



#21 AR-1248-1

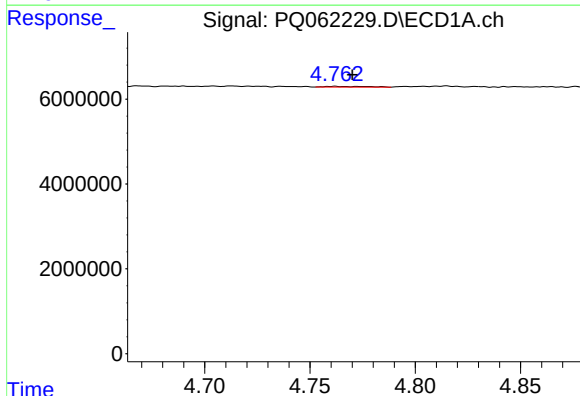
R.T.: 4.526 min
Delta R.T.: 0.021 min
Response: 219644
Conc: 2.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



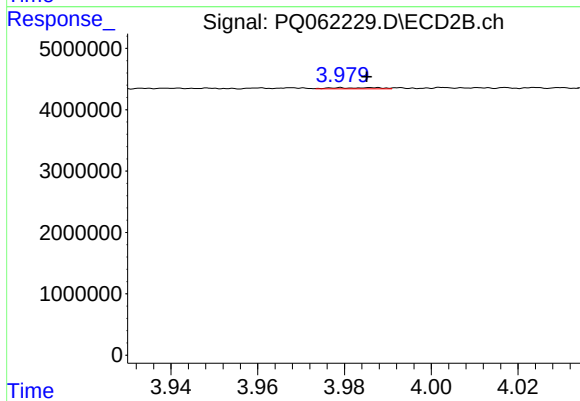
#21 AR-1248-1

R.T.: 3.758 min
Delta R.T.: -0.003 min
Response: 153104
Conc: 2.45 ng/ml



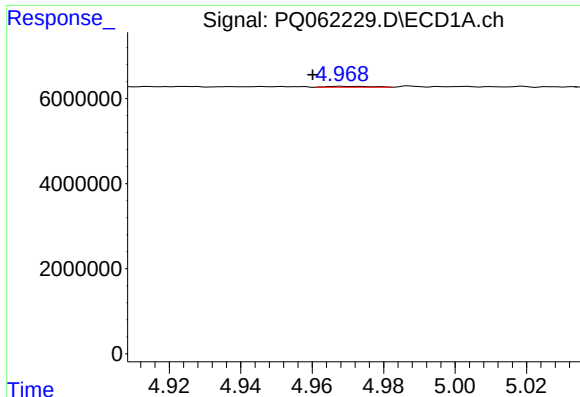
#22 AR-1248-2

R.T.: 4.762 min
Delta R.T.: -0.008 min
Response: 249500
Conc: 1.74 ng/ml



#22 AR-1248-2

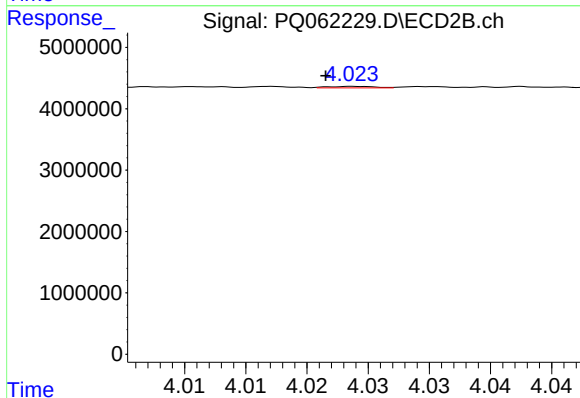
R.T.: 3.979 min
Delta R.T.: -0.006 min
Response: 152080
Conc: 1.62 ng/ml



#23 AR-1248-3

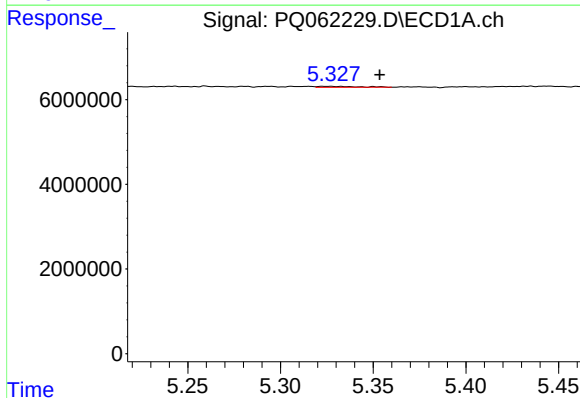
R.T.: 4.968 min
Delta R.T.: 0.008 min
Response: 183944
Conc: 1.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



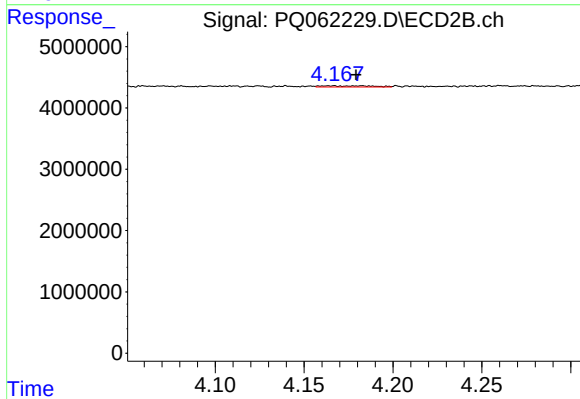
#23 AR-1248-3

R.T.: 4.024 min
Delta R.T.: 0.003 min
Response: 63514
Conc: 0.70 ng/ml



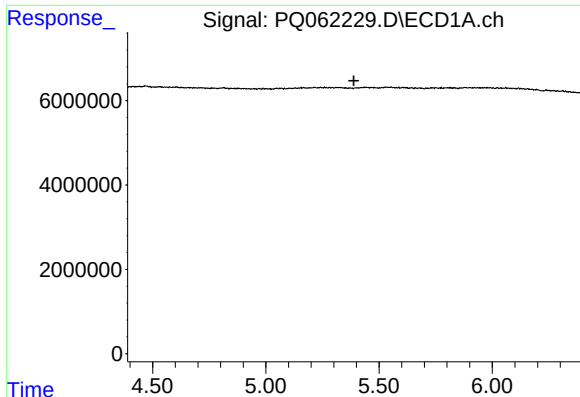
#24 AR-1248-4

R.T.: 5.323 min
Delta R.T.: -0.030 min
Response: 334637
Conc: 1.74 ng/ml



#24 AR-1248-4

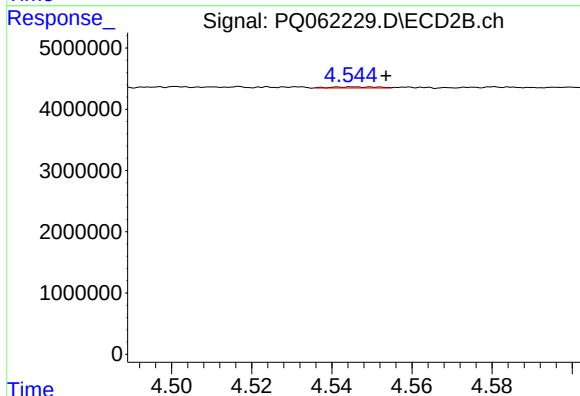
R.T.: 4.167 min
Delta R.T.: -0.012 min
Response: 381725
Conc: 3.38 ng/ml



#25 AR-1248-5

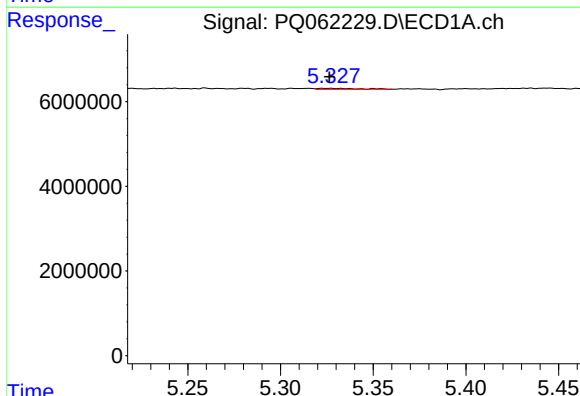
R.T.: 0.000 min
Exp R.T.: 5.388 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



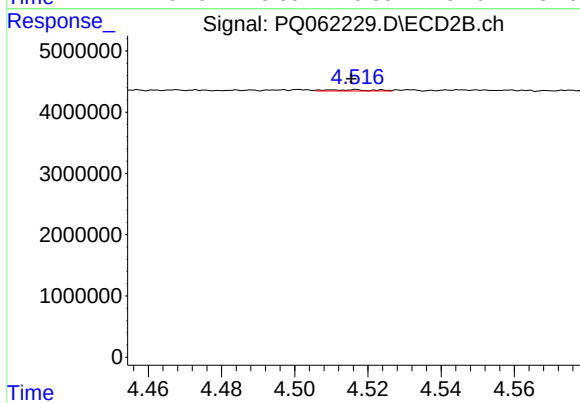
#25 AR-1248-5

R.T.: 4.545 min
Delta R.T.: -0.009 min
Response: 158650
Conc: 1.42 ng/ml



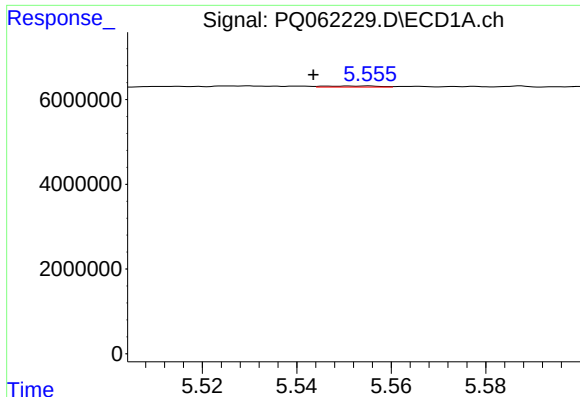
#26 AR-1254-1

R.T.: 5.323 min
Delta R.T.: -0.003 min
Response: 334637
Conc: 1.80 ng/ml



#26 AR-1254-1

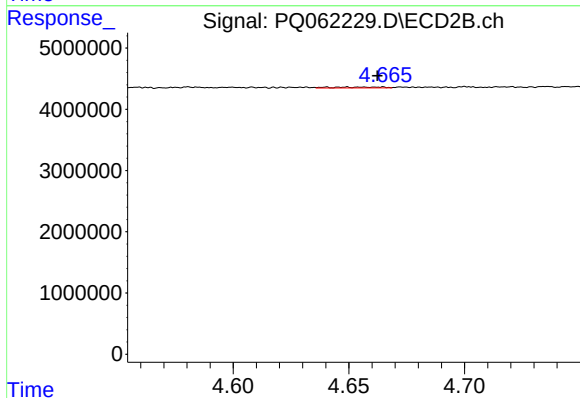
R.T.: 4.517 min
Delta R.T.: 0.001 min
Response: 188304
Conc: 1.17 ng/ml



#27 AR-1254-2

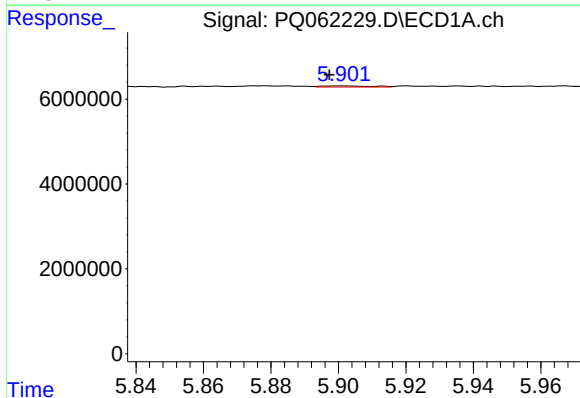
R.T.: 5.555 min
Delta R.T.: 0.011 min
Response: 214936
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



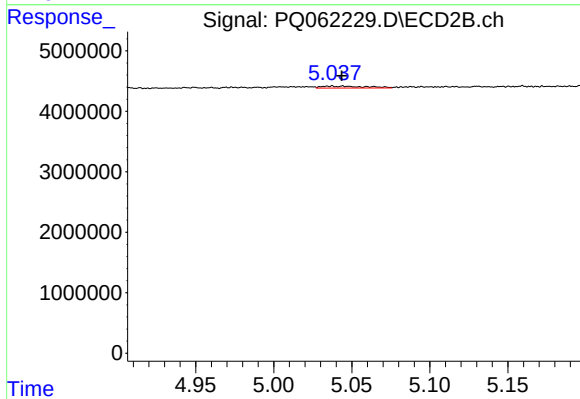
#27 AR-1254-2

R.T.: 4.649 min
Delta R.T.: -0.014 min
Response: 235664
Conc: 1.60 ng/ml



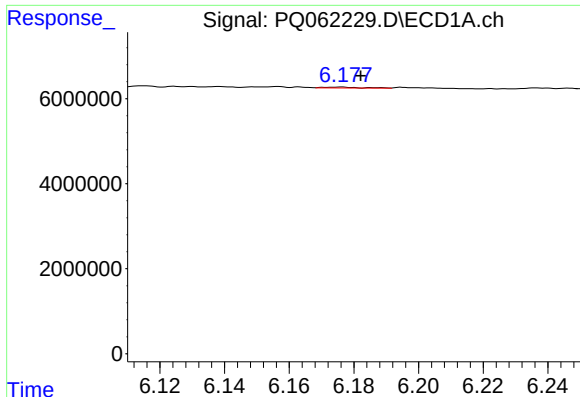
#28 AR-1254-3

R.T.: 5.901 min
Delta R.T.: 0.004 min
Response: 263027
Conc: 0.86 ng/ml



#28 AR-1254-3

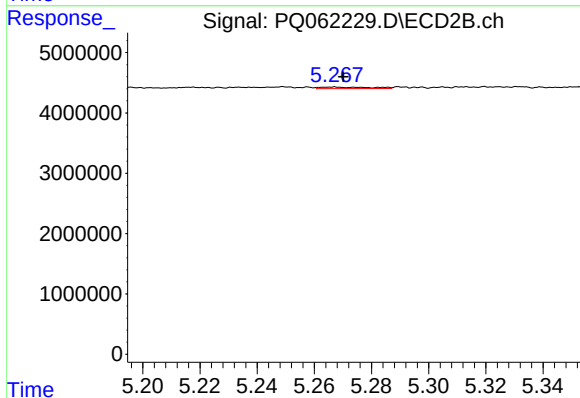
R.T.: 5.037 min
Delta R.T.: -0.007 min
Response: 651563
Conc: 2.79 ng/ml



#29 AR-1254-4

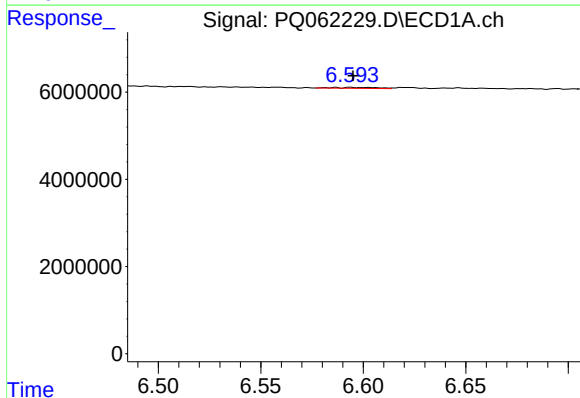
R.T.: 6.176 min
Delta R.T.: -0.006 min
Response: 162710
Conc: 0.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



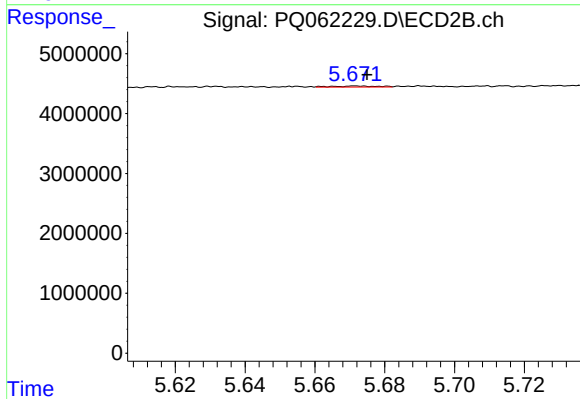
#29 AR-1254-4

R.T.: 5.267 min
Delta R.T.: -0.003 min
Response: 327908
Conc: 2.15 ng/ml



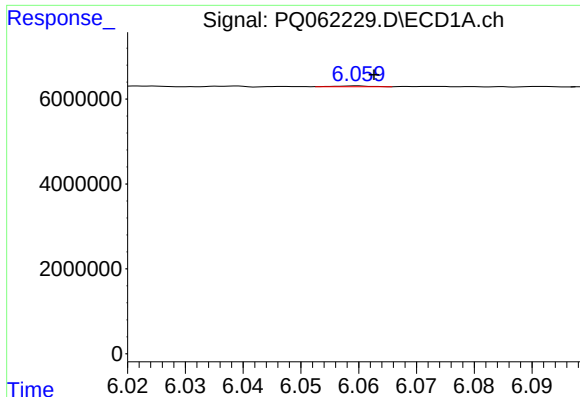
#30 AR-1254-5

R.T.: 6.587 min
Delta R.T.: -0.009 min
Response: 309497
Conc: 1.20 ng/ml



#30 AR-1254-5

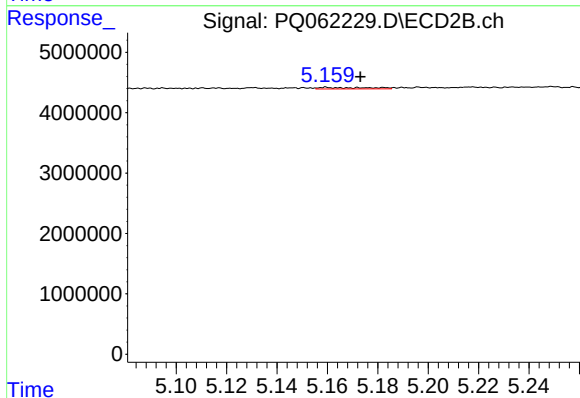
R.T.: 5.672 min
Delta R.T.: -0.003 min
Response: 165041
Conc: 0.72 ng/ml



#31 AR-1260-1

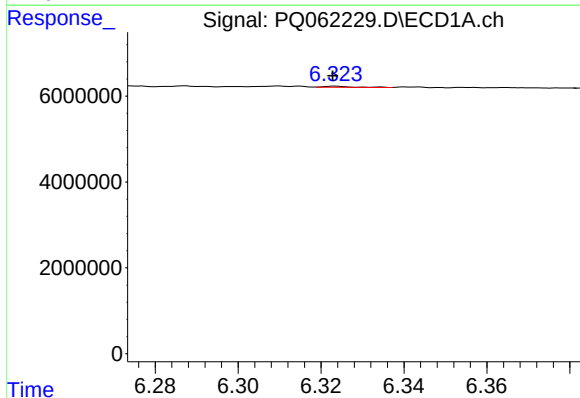
R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 85091
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



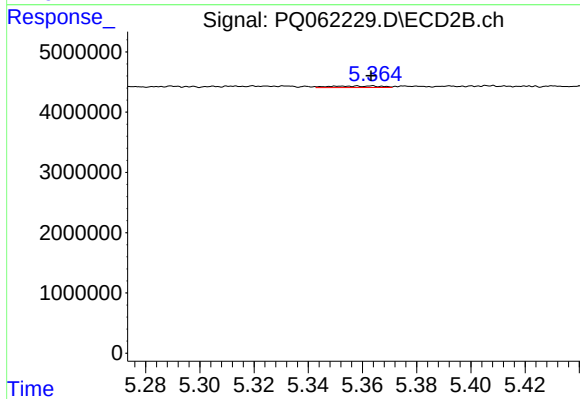
#31 AR-1260-1

R.T.: 5.159 min
Delta R.T.: -0.014 min
Response: 332439
Conc: 2.00 ng/ml



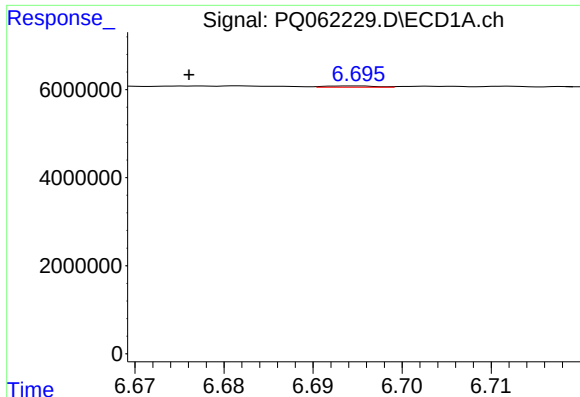
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 116184
Conc: 0.40 ng/ml



#32 AR-1260-2

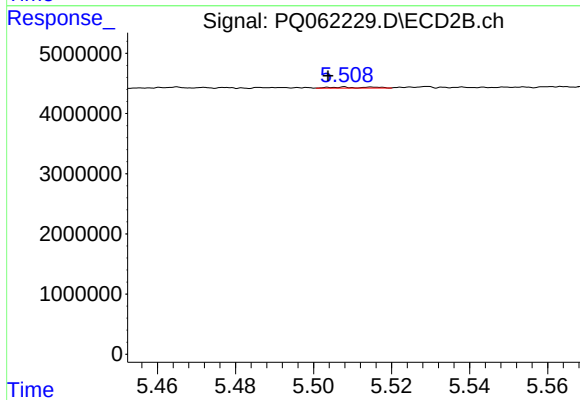
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 328776
Conc: 1.58 ng/ml



#33 AR-1260-3

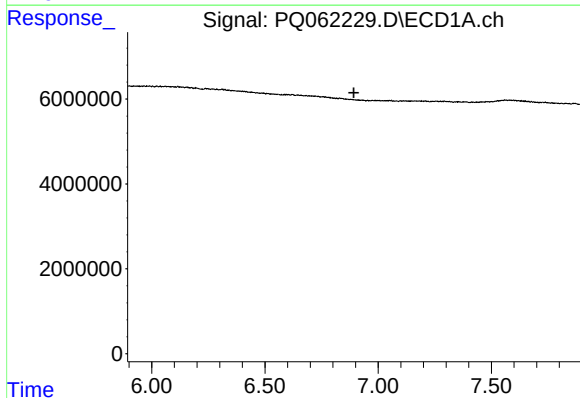
R.T.: 6.694 min
Delta R.T.: 0.018 min
Response: 115937
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



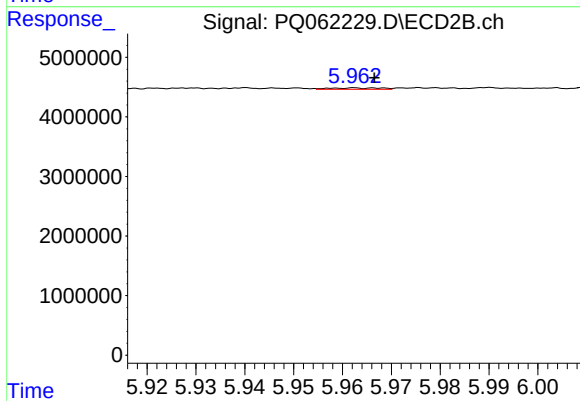
#33 AR-1260-3

R.T.: 5.508 min
Delta R.T.: 0.004 min
Response: 128962
Conc: 0.66 ng/ml



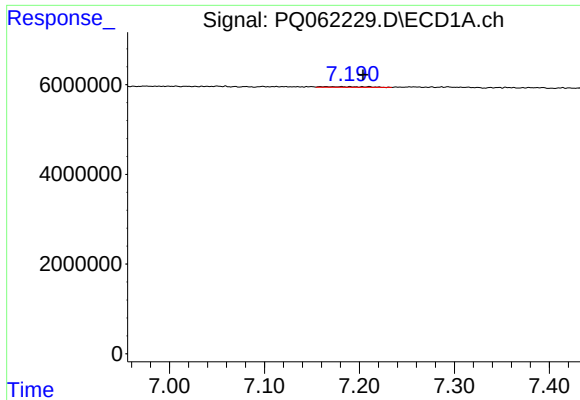
#34 AR-1260-4

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



#34 AR-1260-4

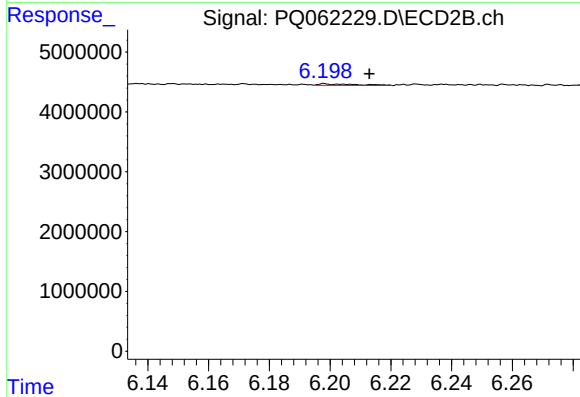
R.T.: 5.963 min
Delta R.T.: -0.004 min
Response: 175144
Conc: 1.20 ng/ml



#35 AR-1260-5

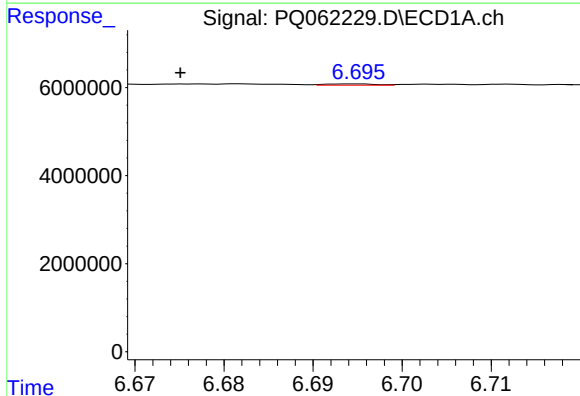
R.T.: 7.181 min
Delta R.T.: -0.023 min
Response: 472420
Conc: 1.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



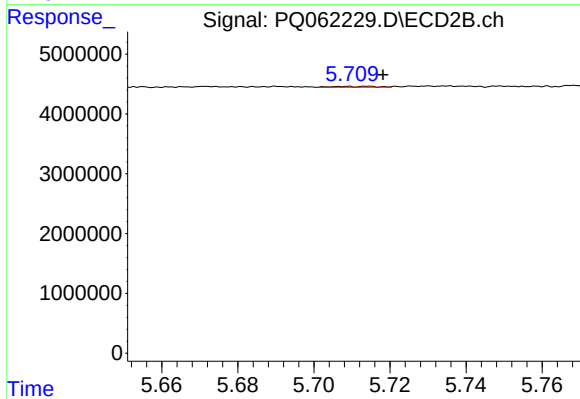
#35 AR-1260-5

R.T.: 6.199 min
Delta R.T.: -0.014 min
Response: 239159
Conc: 0.72 ng/ml



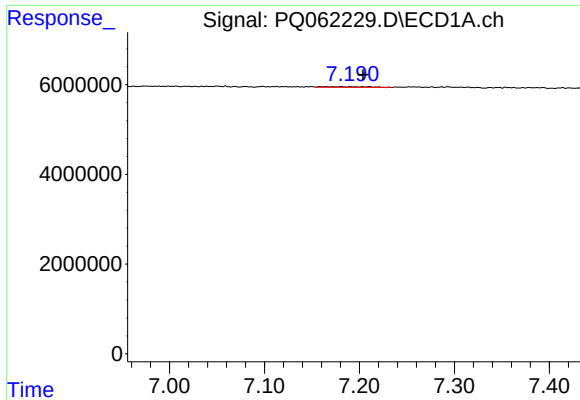
#36 AR-1262-1

R.T.: 6.694 min
Delta R.T.: 0.019 min
Response: 115937
Conc: 0.38 ng/ml



#36 AR-1262-1

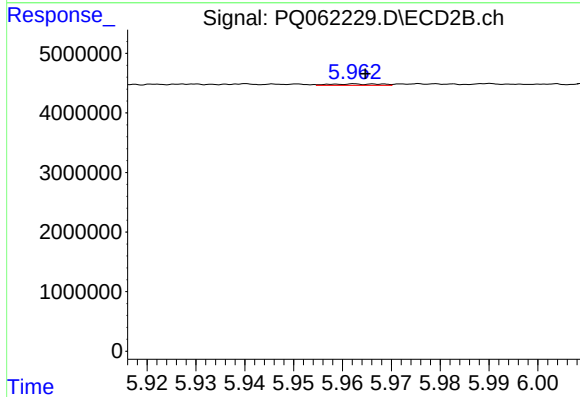
R.T.: 5.714 min
Delta R.T.: -0.004 min
Response: 120289
Conc: 0.52 ng/ml



#37 AR-1262-2

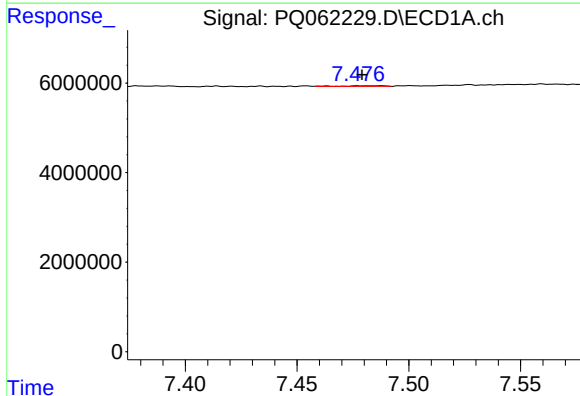
R.T.: 7.181 min
Delta R.T.: -0.023 min
Response: 472420
Conc: 0.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



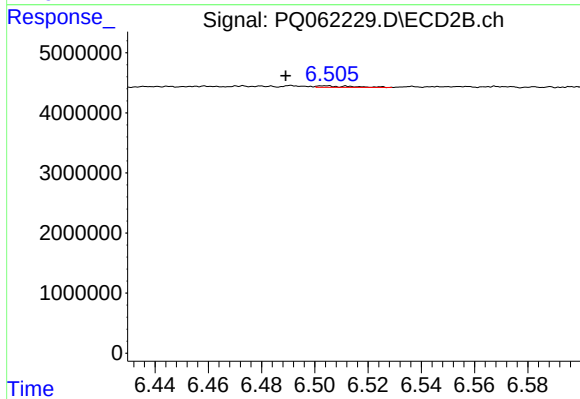
#37 AR-1262-2

R.T.: 5.963 min
Delta R.T.: -0.002 min
Response: 175144
Conc: 0.81 ng/ml



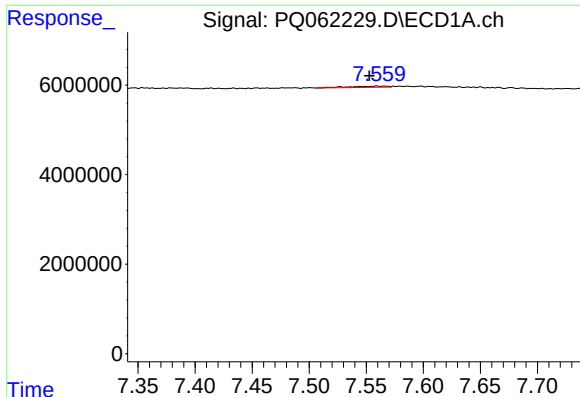
#38 AR-1262-3

R.T.: 7.477 min
Delta R.T.: -0.002 min
Response: 161596
Conc: 0.46 ng/ml



#38 AR-1262-3

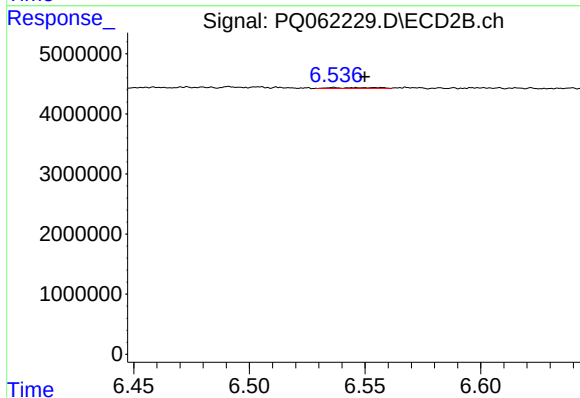
R.T.: 6.504 min
Delta R.T.: 0.015 min
Response: 213676
Conc: 1.23 ng/ml



#39 AR-1262-4

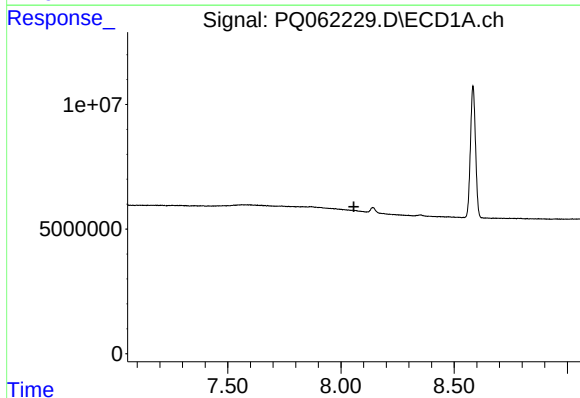
R.T.: 7.559 min
Delta R.T.: 0.007 min
Response: 631189
Conc: 2.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



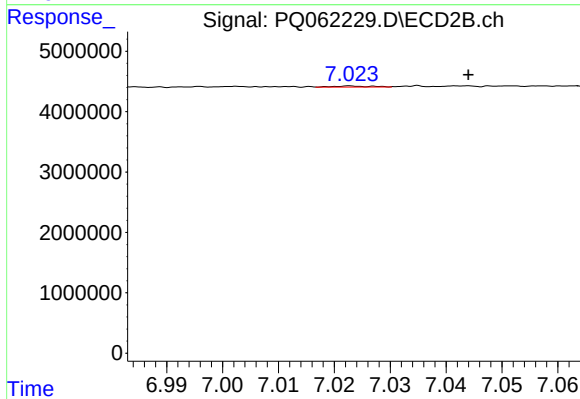
#39 AR-1262-4

R.T.: 6.537 min
Delta R.T.: -0.013 min
Response: 182725
Conc: 0.57 ng/ml



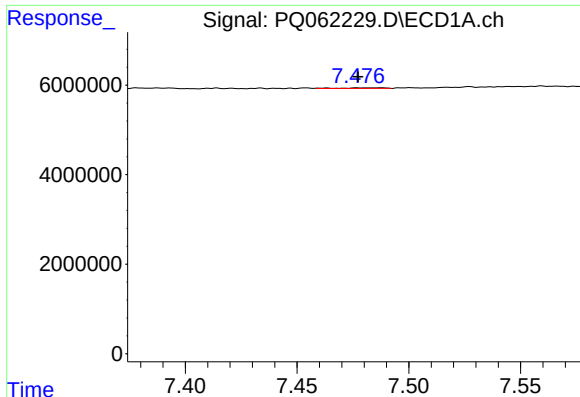
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.057 min
Response: 0
Conc: N.D.



#40 AR-1262-5

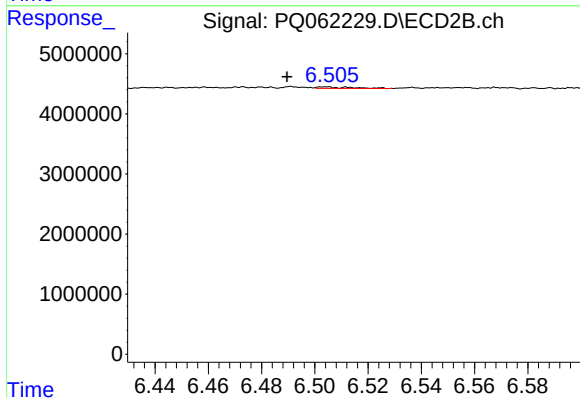
R.T.: 7.023 min
Delta R.T.: -0.021 min
Response: 86156
Conc: 0.56 ng/ml



#41 AR-1268-1

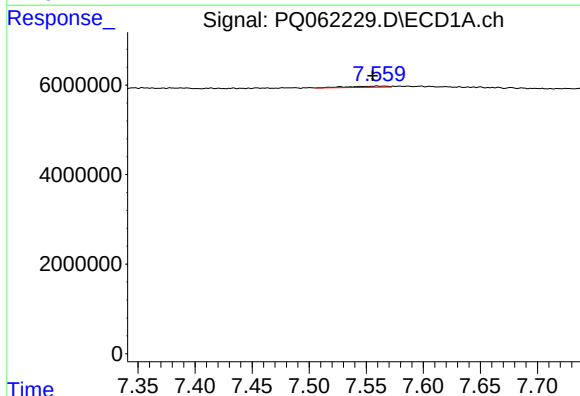
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 161596
Conc: 0.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



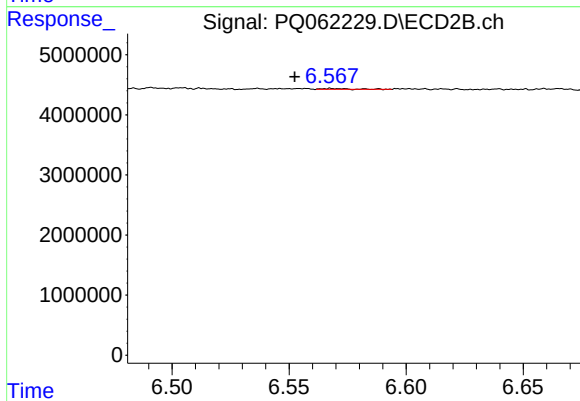
#41 AR-1268-1

R.T.: 6.504 min
Delta R.T.: 0.014 min
Response: 213676
Conc: 0.45 ng/ml



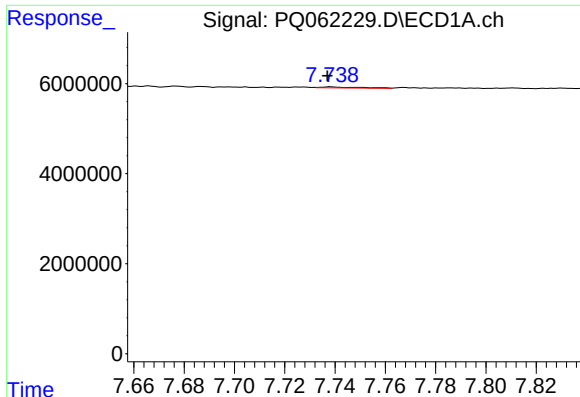
#42 AR-1268-2

R.T.: 7.559 min
Delta R.T.: 0.004 min
Response: 631189
Conc: 1.24 ng/ml



#42 AR-1268-2

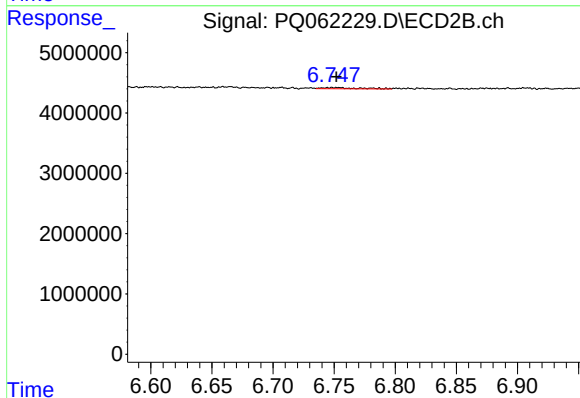
R.T.: 6.568 min
Delta R.T.: 0.016 min
Response: 95010
Conc: 0.22 ng/ml



#43 AR-1268-3

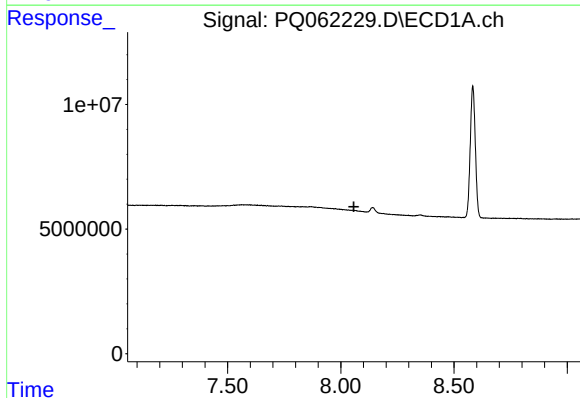
R.T.: 7.738 min
Delta R.T.: 0.001 min
Response: 252591
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



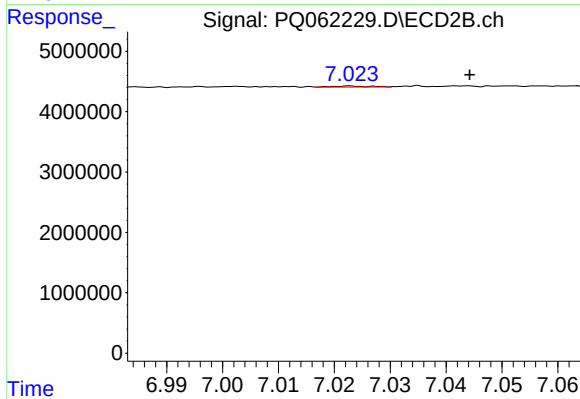
#43 AR-1268-3

R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 415952
Conc: 1.13 ng/ml



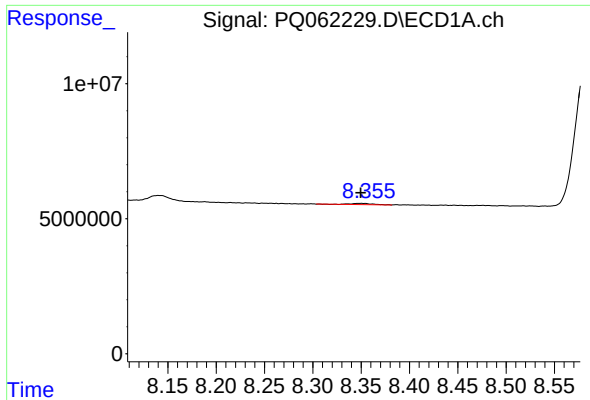
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.058 min
Response: 0
Conc: N.D.



#44 AR-1268-4

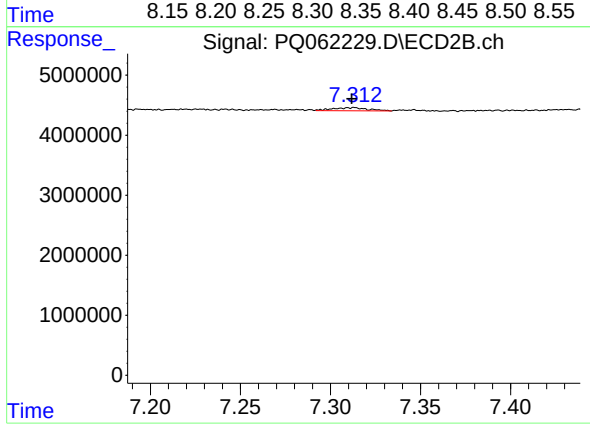
R.T.: 7.023 min
Delta R.T.: -0.021 min
Response: 86156
Conc: 0.54 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 699825
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.001 min
Response: 719194
Conc: 0.62 ng/ml