

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071223\
 Data File : PQ062152.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2023 22:29
 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 13 04:52:57 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	2.759	111.0E6	63451666	22.755	25.289
2)	SA Decachlor...	8.583	7.527	81331419	74171015	22.388	22.259
Target Compounds							
3)	L1 AR-1016-1	4.528	3.768	36615	625013	0.222	6.315 #
4)	L1 AR-1016-2	4.528	3.768	36615	625013	0.148	4.334 #
5)	L1 AR-1016-3	4.596	0.000	531593	0	3.488	N.D. #
6)	L1 AR-1016-4	4.679	4.015f	77498	865553	0.618	13.179 #
7)	L1 AR-1016-5	4.962	4.186	162560	661903	1.336	8.074 #
8)	L2 AR-1221-1	3.615	2.970	1204978	67439	20.047	2.044 #
9)	L2 AR-1221-2	3.683	3.044	2290937	112302	50.986	4.421 #
10)	L2 AR-1221-3	3.738	3.117	434712	598384	3.094	7.762 #
11)	L3 AR-1232-1	3.738	3.117	434712	598384	4.117	10.443 #
12)	L3 AR-1232-2	4.236	3.768	309268	625013	5.228	9.391 #
13)	L3 AR-1232-3	4.528	0.000	36615	0	0.324	N.D. #
14)	L3 AR-1232-4	4.679	4.015	77498	865553	1.368	29.104 #
15)	L3 AR-1232-5	4.776	4.186	128669	661903	3.213	18.561 #
16)	L4 AR-1242-1	4.528	3.768	36615	625013	0.280	8.081 #
17)	L4 AR-1242-2	4.528	3.768	36615	625013	0.189	5.623 #
18)	L4 AR-1242-3	4.596	0.000	531593	0	4.399	N.D. #
19)	L4 AR-1242-4	4.679	4.015	77498	865553	0.795	14.763 #
20)	L4 AR-1242-5	5.416f	4.501	201295	186326	2.103	2.248
21)	L5 AR-1248-1	4.528	3.768	36615	625013	0.352	9.997 #
22)	L5 AR-1248-2	4.776	4.015f	128669	865553	0.896	9.231 #
23)	L5 AR-1248-3	4.962	4.015	162560	865553	0.936	9.560 #
24)	L5 AR-1248-4	0.000	4.186	0	661903	N.D.	5.866 #
25)	L5 AR-1248-5	5.416f	4.545	201295	328733	1.111	2.934 #
26)	L6 AR-1254-1	0.000	4.501	0	186326	N.D.	1.154 #
27)	L6 AR-1254-2	5.533	4.660	102975	837048	0.354	5.686 #
28)	L6 AR-1254-3	5.885	5.033	383667	2942352	1.249	12.590 #
30)	L6 AR-1254-5	6.593	5.711f	139567	284196	0.543	1.231 #
31)	L7 AR-1260-1	6.070	0.000	140786	0	0.597	N.D. #
32)	L7 AR-1260-2	6.316	5.362	2548458	130015	8.824	0.625 #
33)	L7 AR-1260-3	6.676	5.528	286792	1521390	1.624	7.820 #
34)	L7 AR-1260-4	6.893	5.995f	188800	443217	0.896	3.039 #
35)	L7 AR-1260-5	7.160f	6.205	80839	1354459	0.197	4.079 #
36)	L8 AR-1262-1	6.676	5.711	286792	284196	0.940	1.222 #
37)	L8 AR-1262-2	7.160f	5.995f	80839	443217	0.153	2.050 #
38)	L8 AR-1262-3	7.451f	6.506	63078	874849	0.179	5.018 #
39)	L8 AR-1262-4	7.536	6.549	323705	481995	1.214	1.496
40)	L8 AR-1262-5	8.104f	7.055	7436389	464699	41.893	2.996 #
41)	L9 AR-1268-1	7.451f	6.506	63078	874849	0.111	1.859 #
42)	L9 AR-1268-2	7.574	6.549	1191096	481995	2.336	1.138 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 04:52:57 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

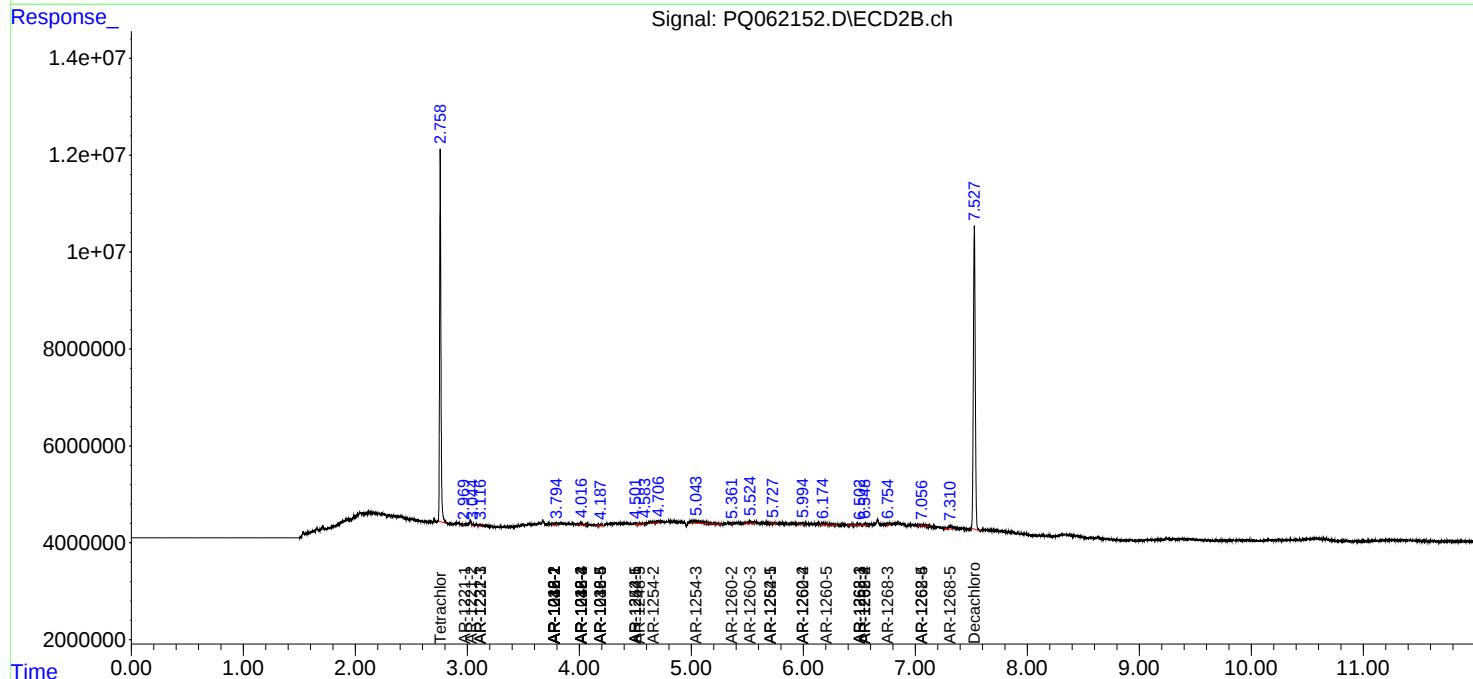
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

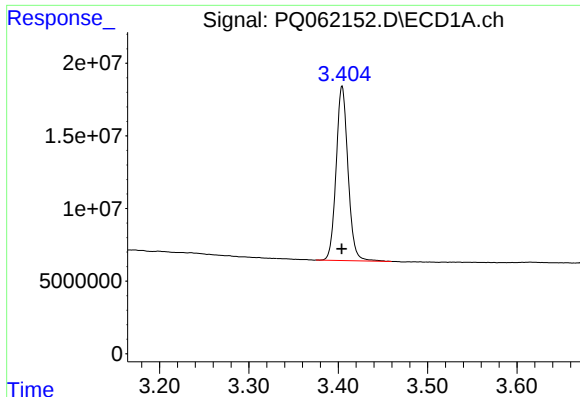
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	7.739	6.754	147743	327899	0.346	0.890 #
44) L9	AR-1268-4	8.104f	7.055	7436389	464699	40.639	2.906 #
45) L9	AR-1268-5	0.000	7.310	0	1357510	N.D.	1.163 #

(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

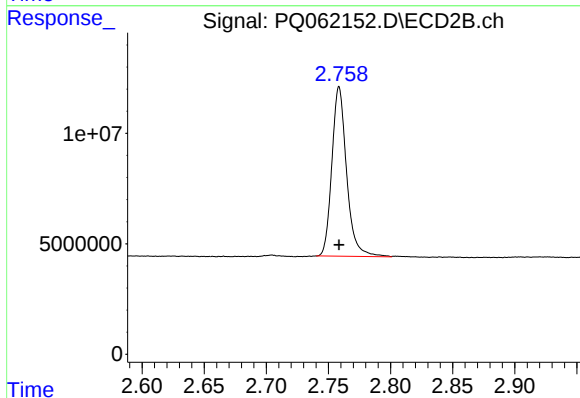




#1 Tetrachloro-m-xylene

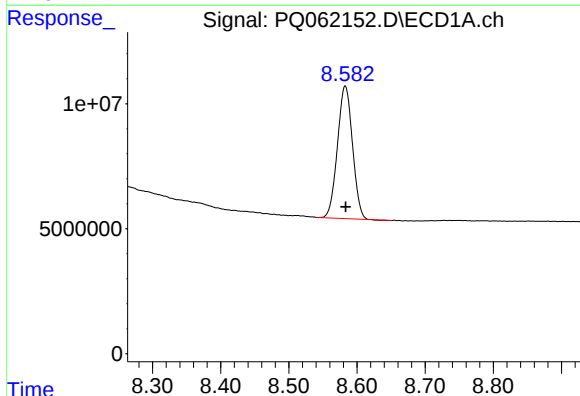
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 111001587
Conc: 22.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



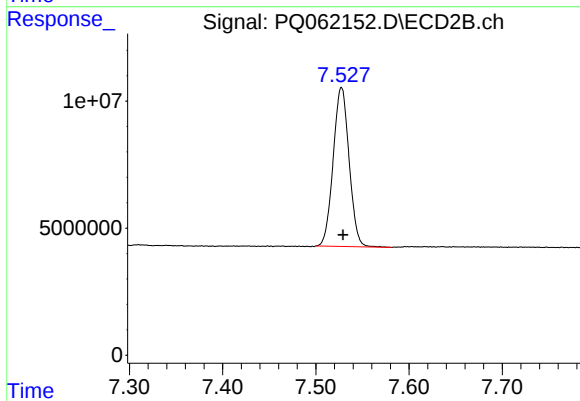
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 63451666
Conc: 25.29 ng/ml



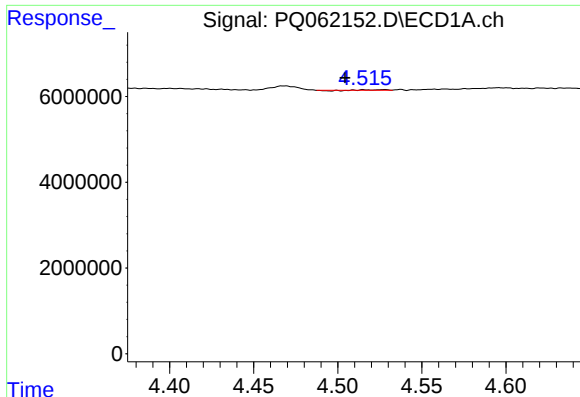
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: -0.001 min
Response: 81331419
Conc: 22.39 ng/ml



#2 Decachlorobiphenyl

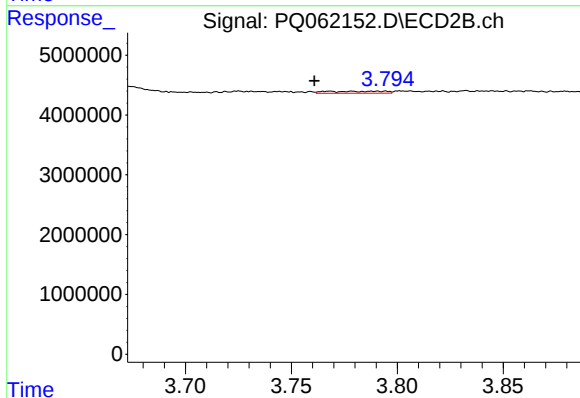
R.T.: 7.527 min
Delta R.T.: -0.002 min
Response: 74171015
Conc: 22.26 ng/ml



#3 AR-1016-1

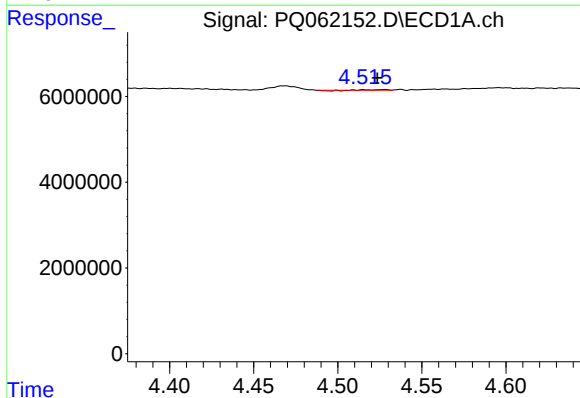
R.T.: 4.528 min
Delta R.T.: 0.024 min
Response: 36615
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



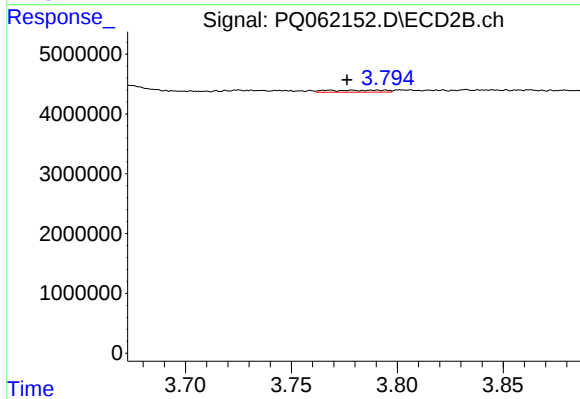
#3 AR-1016-1

R.T.: 3.768 min
Delta R.T.: 0.007 min
Response: 625013
Conc: 6.31 ng/ml



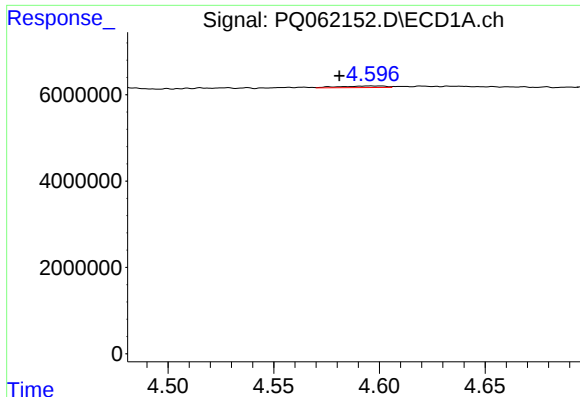
#4 AR-1016-2

R.T.: 4.528 min
Delta R.T.: 0.004 min
Response: 36615
Conc: 0.15 ng/ml



#4 AR-1016-2

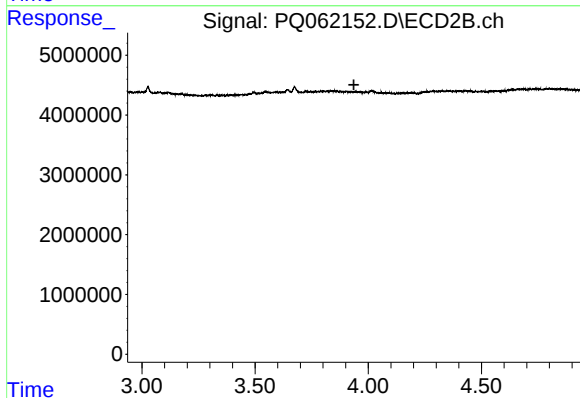
R.T.: 3.768 min
Delta R.T.: -0.008 min
Response: 625013
Conc: 4.33 ng/ml



#5 AR-1016-3

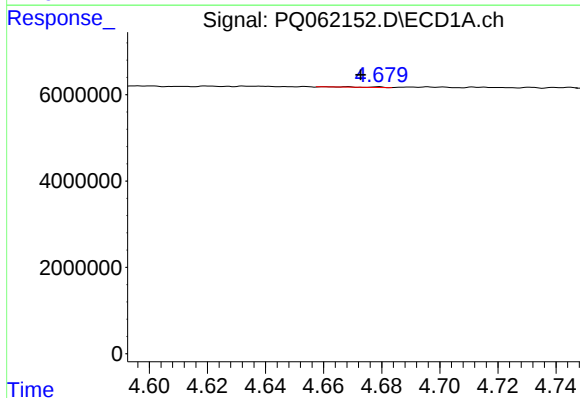
R.T.: 4.596 min
Delta R.T.: 0.015 min
Response: 531593
Conc: 3.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



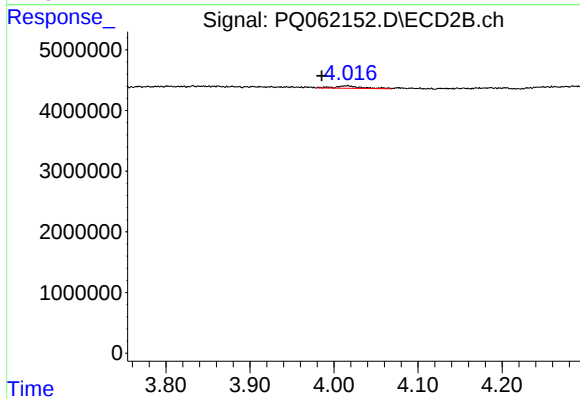
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 3.936 min
Response: 0
Conc: N.D.



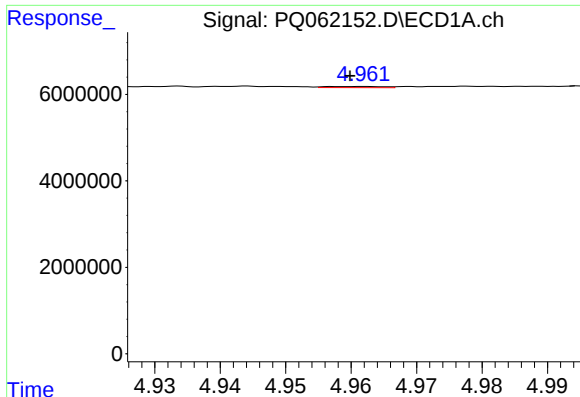
#6 AR-1016-4

R.T.: 4.679 min
Delta R.T.: 0.006 min
Response: 77498
Conc: 0.62 ng/ml



#6 AR-1016-4

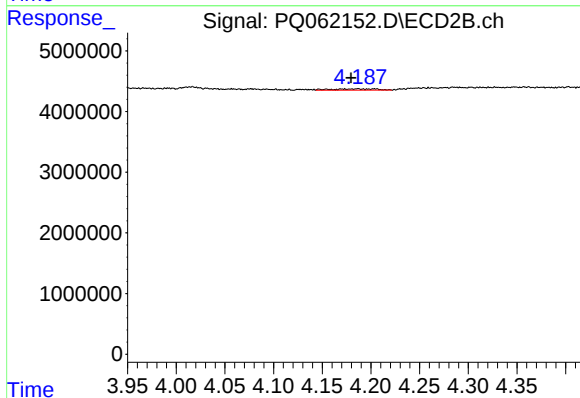
R.T.: 4.015 min
Delta R.T.: 0.030 min
Response: 865553
Conc: 13.18 ng/ml



#7 AR-1016-5

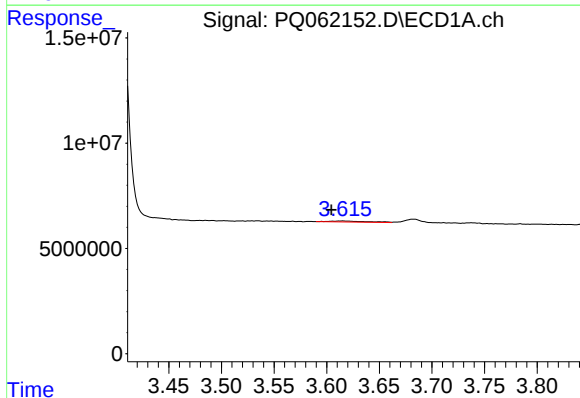
R.T.: 4.962 min
Delta R.T.: 0.002 min
Response: 162560
Conc: 1.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



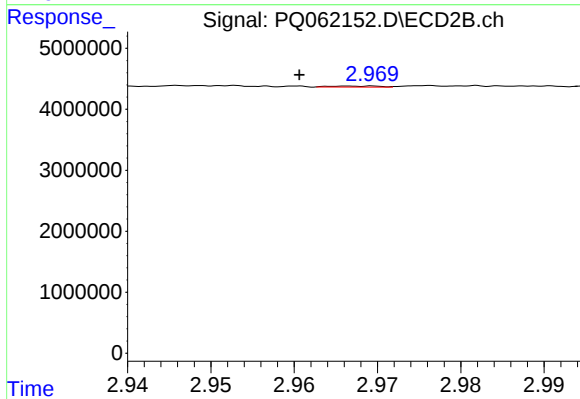
#7 AR-1016-5

R.T.: 4.186 min
Delta R.T.: 0.007 min
Response: 661903
Conc: 8.07 ng/ml



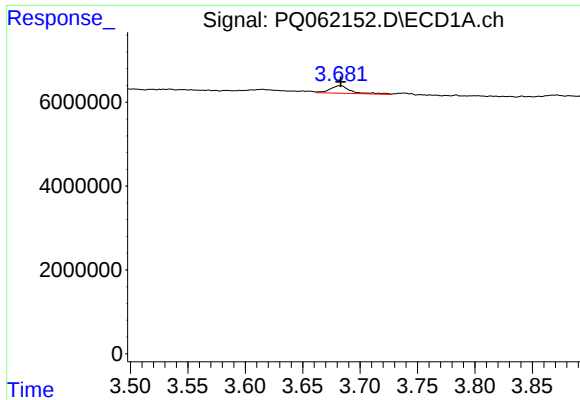
#8 AR-1221-1

R.T.: 3.615 min
Delta R.T.: 0.010 min
Response: 1204978
Conc: 20.05 ng/ml



#8 AR-1221-1

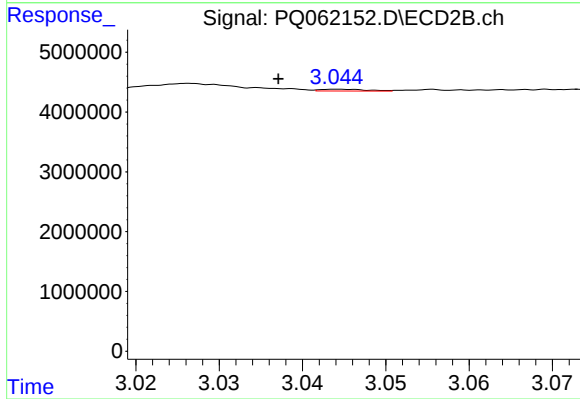
R.T.: 2.970 min
Delta R.T.: 0.009 min
Response: 67439
Conc: 2.04 ng/ml



#9 AR-1221-2

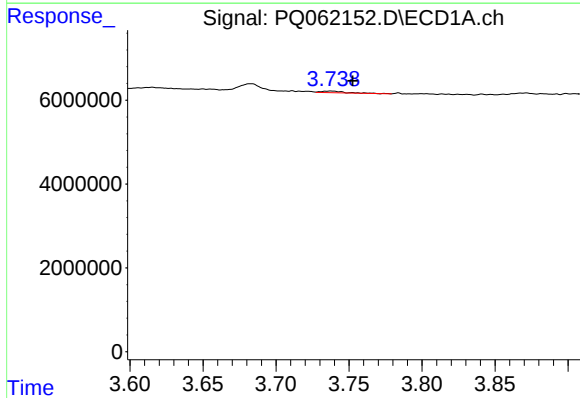
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 2290937
Conc: 50.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



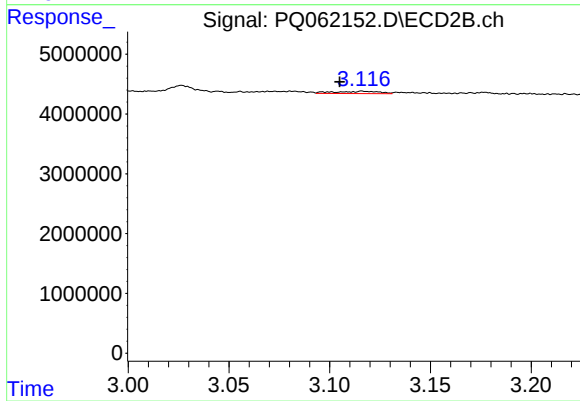
#9 AR-1221-2

R.T.: 3.044 min
Delta R.T.: 0.007 min
Response: 112302
Conc: 4.42 ng/ml



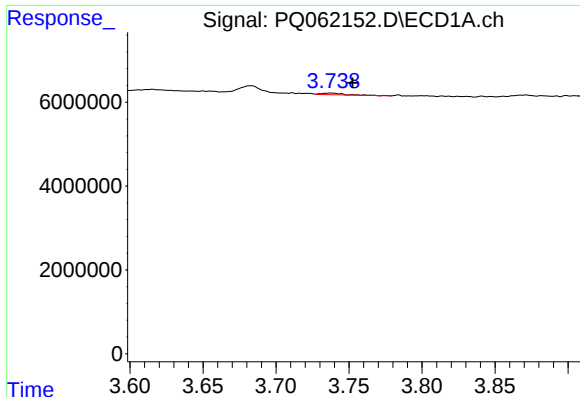
#10 AR-1221-3

R.T.: 3.738 min
Delta R.T.: -0.015 min
Response: 434712
Conc: 3.09 ng/ml



#10 AR-1221-3

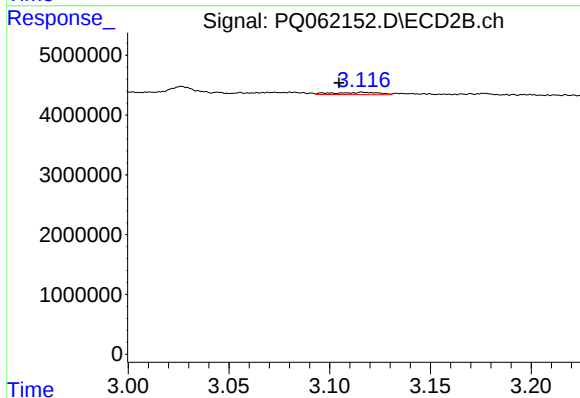
R.T.: 3.117 min
Delta R.T.: 0.012 min
Response: 598384
Conc: 7.76 ng/ml



#11 AR-1232-1

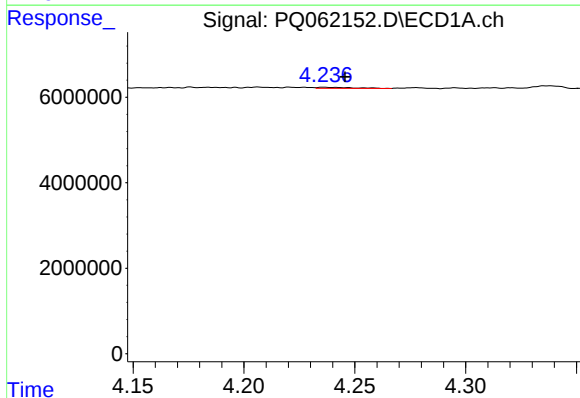
R.T.: 3.738 min
Delta R.T.: -0.015 min
Response: 434712
Conc: 4.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



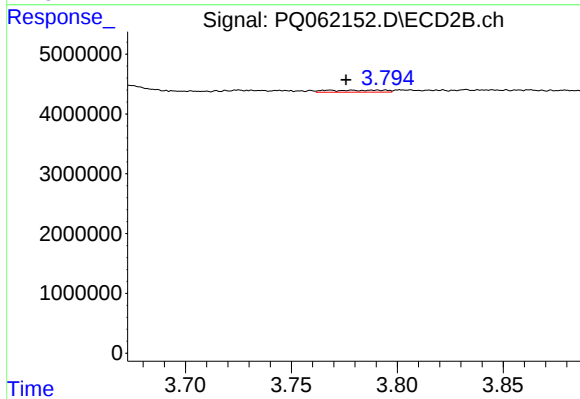
#11 AR-1232-1

R.T.: 3.117 min
Delta R.T.: 0.012 min
Response: 598384
Conc: 10.44 ng/ml



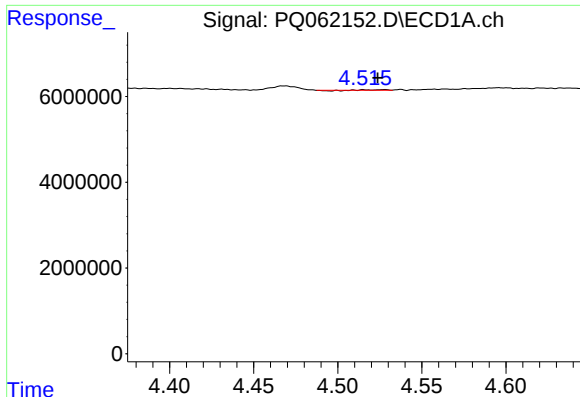
#12 AR-1232-2

R.T.: 4.236 min
Delta R.T.: -0.009 min
Response: 309268
Conc: 5.23 ng/ml



#12 AR-1232-2

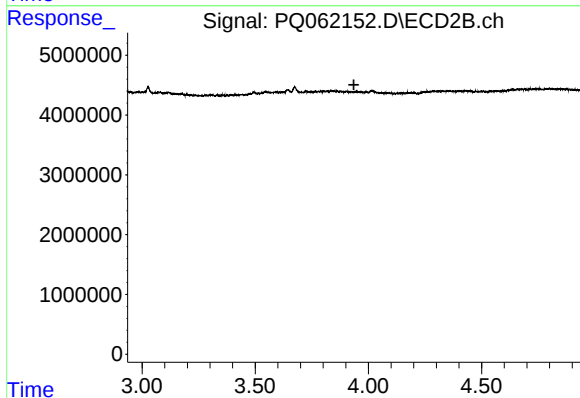
R.T.: 3.768 min
Delta R.T.: -0.008 min
Response: 625013
Conc: 9.39 ng/ml



#13 AR-1232-3

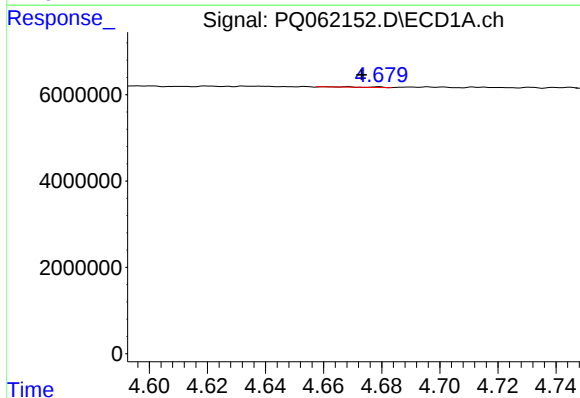
R.T.: 4.528 min
Delta R.T.: 0.004 min
Response: 36615
Conc: 0.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



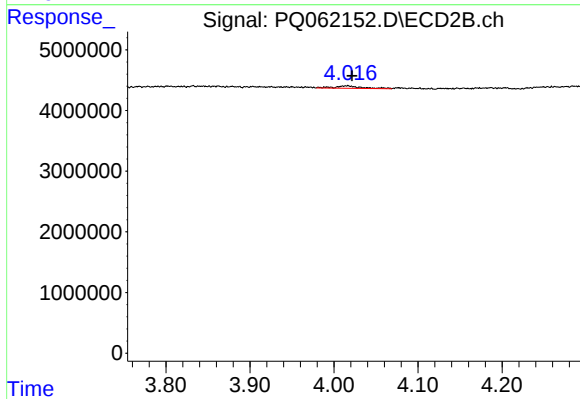
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 3.936 min
Response: 0
Conc: N.D.



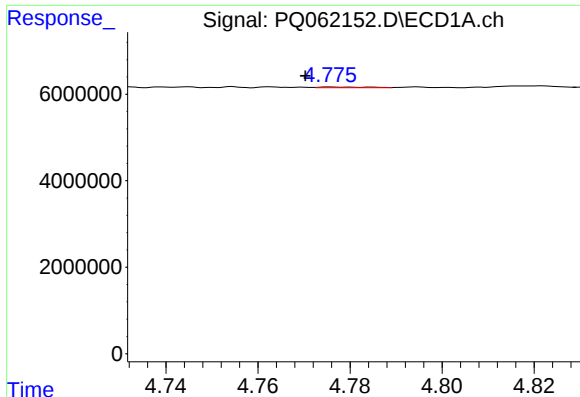
#14 AR-1232-4

R.T.: 4.679 min
Delta R.T.: 0.006 min
Response: 77498
Conc: 1.37 ng/ml



#14 AR-1232-4

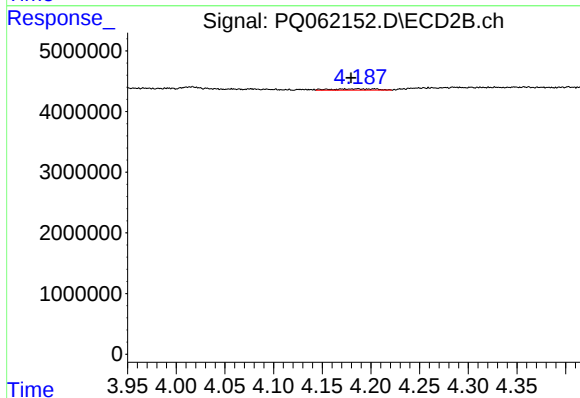
R.T.: 4.015 min
Delta R.T.: -0.006 min
Response: 865553
Conc: 29.10 ng/ml



#15 AR-1232-5

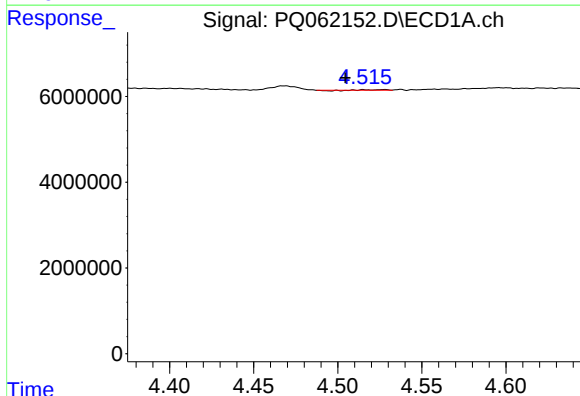
R.T.: 4.776 min
Delta R.T.: 0.006 min
Response: 128669
Conc: 3.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



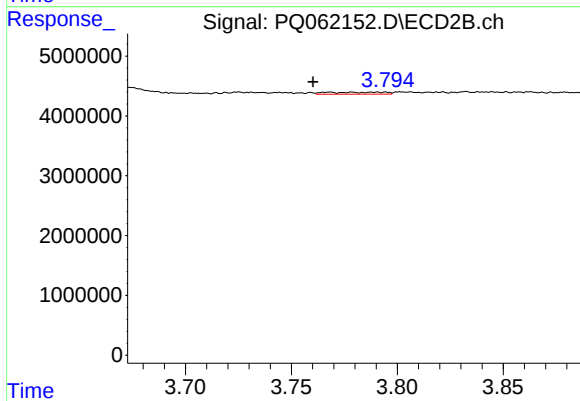
#15 AR-1232-5

R.T.: 4.186 min
Delta R.T.: 0.007 min
Response: 661903
Conc: 18.56 ng/ml



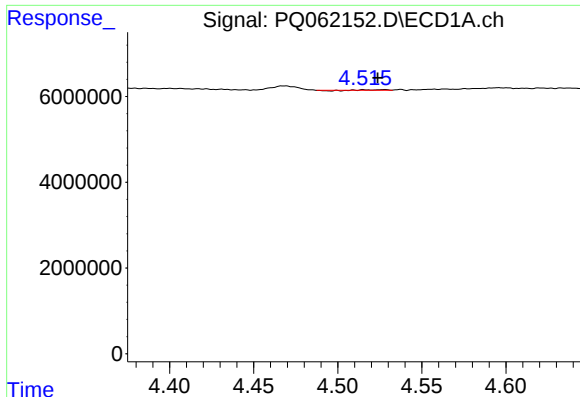
#16 AR-1242-1

R.T.: 4.528 min
Delta R.T.: 0.023 min
Response: 36615
Conc: 0.28 ng/ml



#16 AR-1242-1

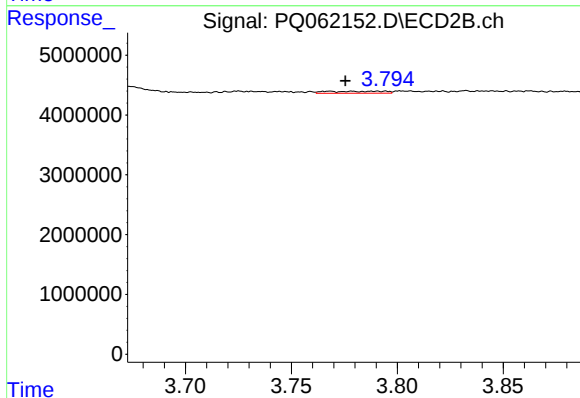
R.T.: 3.768 min
Delta R.T.: 0.008 min
Response: 625013
Conc: 8.08 ng/ml



#17 AR-1242-2

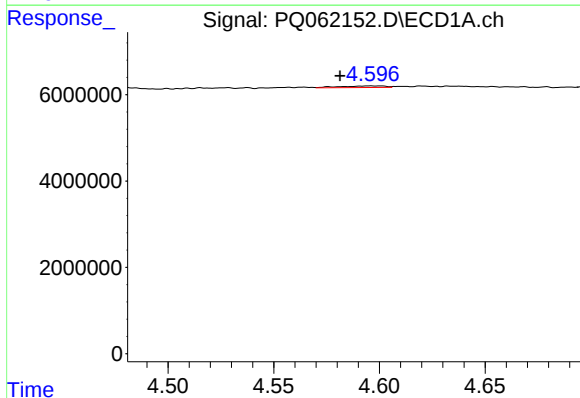
R.T.: 4.528 min
Delta R.T.: 0.004 min
Response: 36615
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



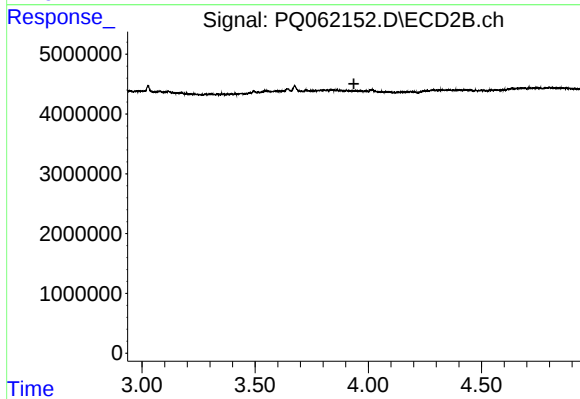
#17 AR-1242-2

R.T.: 3.768 min
Delta R.T.: -0.008 min
Response: 625013
Conc: 5.62 ng/ml



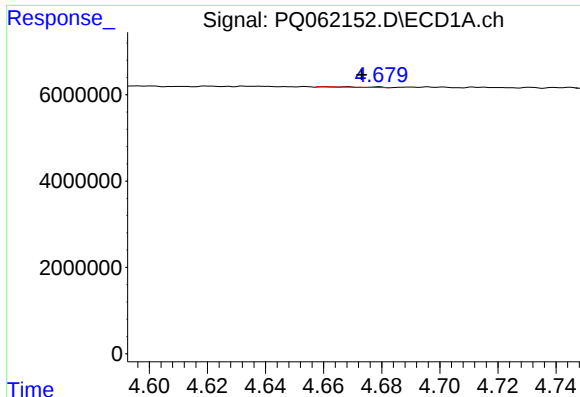
#18 AR-1242-3

R.T.: 4.596 min
Delta R.T.: 0.014 min
Response: 531593
Conc: 4.40 ng/ml



#18 AR-1242-3

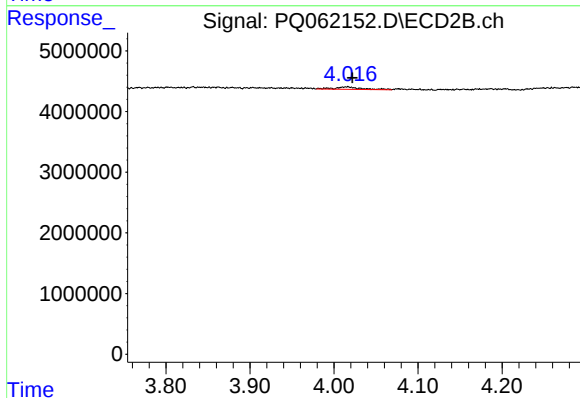
R.T.: 0.000 min
Exp R.T. : 3.936 min
Response: 0
Conc: N.D.



#19 AR-1242-4

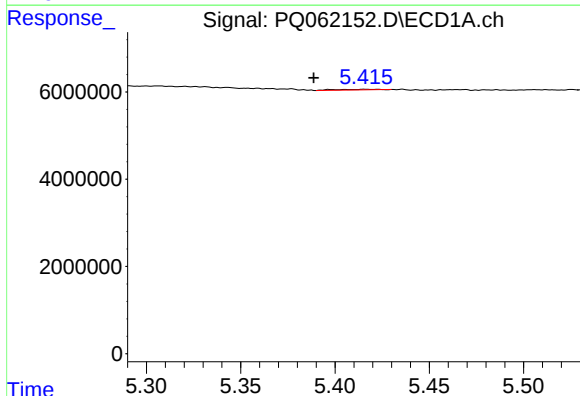
R.T.: 4.679 min
Delta R.T.: 0.006 min
Response: 77498
Conc: 0.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



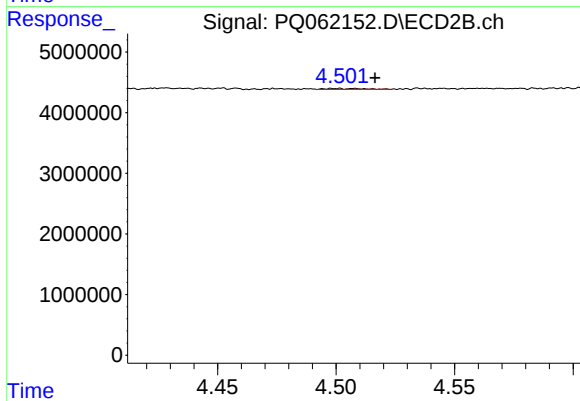
#19 AR-1242-4

R.T.: 4.015 min
Delta R.T.: -0.007 min
Response: 865553
Conc: 14.76 ng/ml



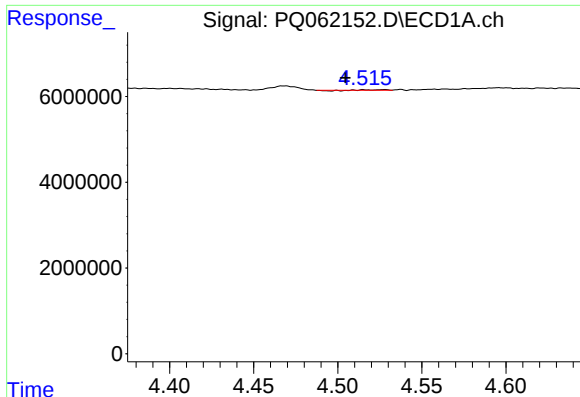
#20 AR-1242-5

R.T.: 5.416 min
Delta R.T.: 0.027 min
Response: 201295
Conc: 2.10 ng/ml



#20 AR-1242-5

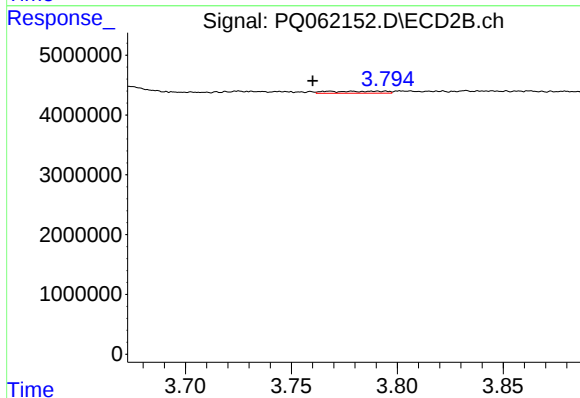
R.T.: 4.501 min
Delta R.T.: -0.015 min
Response: 186326
Conc: 2.25 ng/ml



#21 AR-1248-1

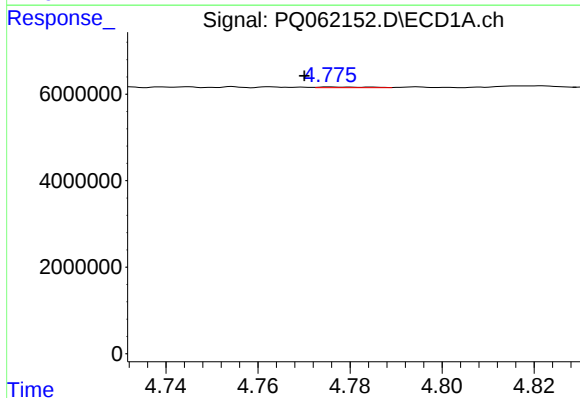
R.T.: 4.528 min
Delta R.T.: 0.023 min
Response: 36615
Conc: 0.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



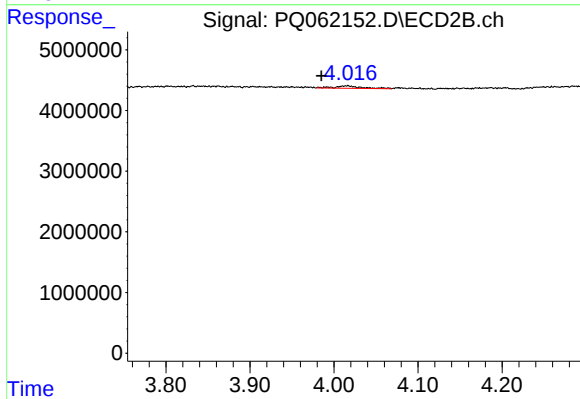
#21 AR-1248-1

R.T.: 3.768 min
Delta R.T.: 0.008 min
Response: 625013
Conc: 10.00 ng/ml



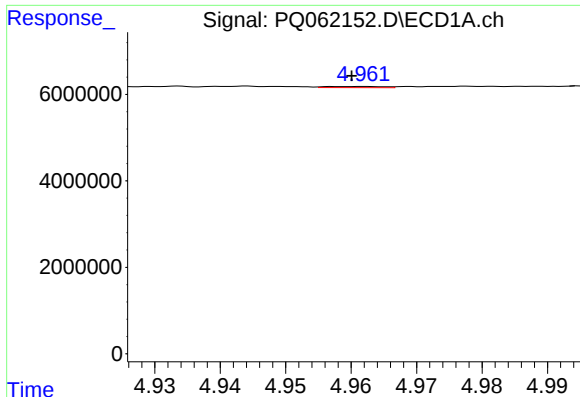
#22 AR-1248-2

R.T.: 4.776 min
Delta R.T.: 0.006 min
Response: 128669
Conc: 0.90 ng/ml



#22 AR-1248-2

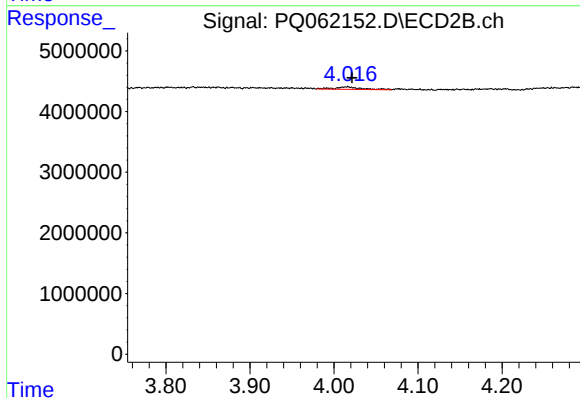
R.T.: 4.015 min
Delta R.T.: 0.030 min
Response: 865553
Conc: 9.23 ng/ml



#23 AR-1248-3

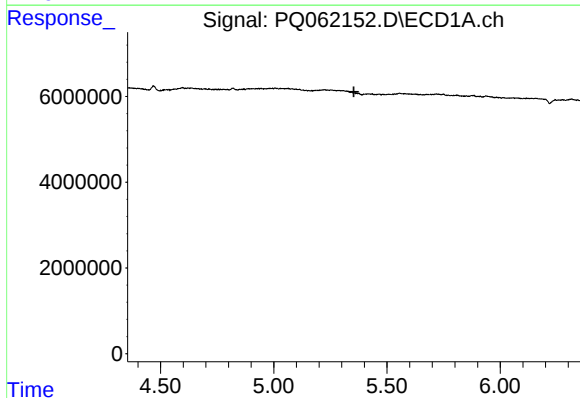
R.T.: 4.962 min
Delta R.T.: 0.002 min
Response: 162560
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



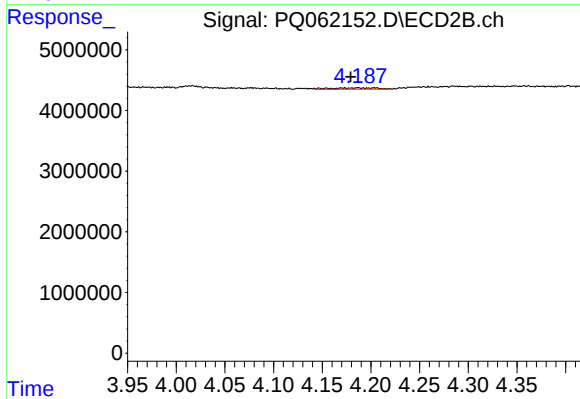
#23 AR-1248-3

R.T.: 4.015 min
Delta R.T.: -0.006 min
Response: 865553
Conc: 9.56 ng/ml



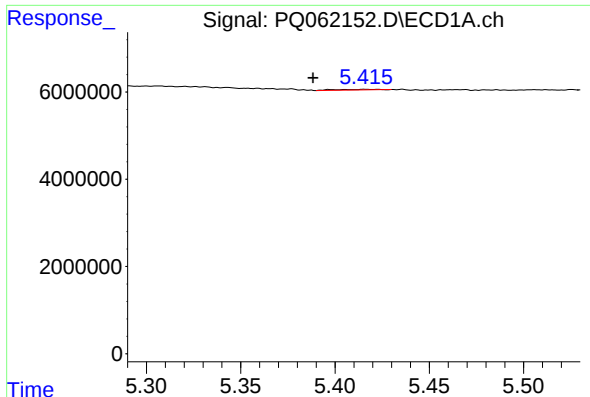
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.353 min
Response: 0
Conc: N.D.



#24 AR-1248-4

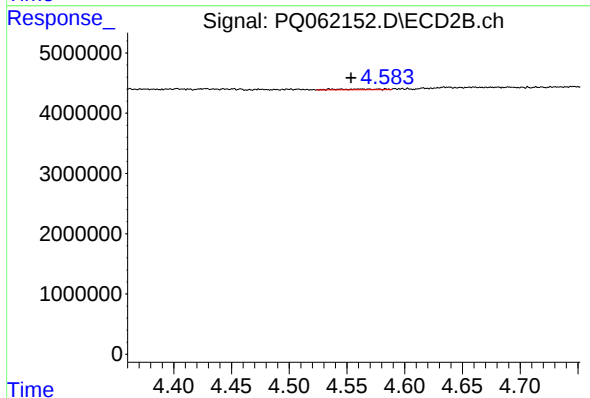
R.T.: 4.186 min
Delta R.T.: 0.007 min
Response: 661903
Conc: 5.87 ng/ml



#25 AR-1248-5

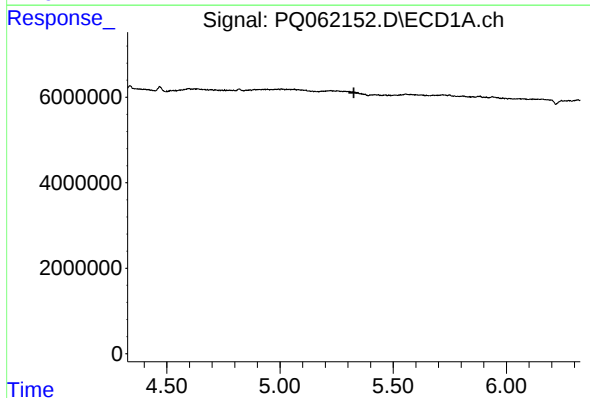
R.T.: 5.416 min
Delta R.T.: 0.028 min
Response: 201295
Conc: 1.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



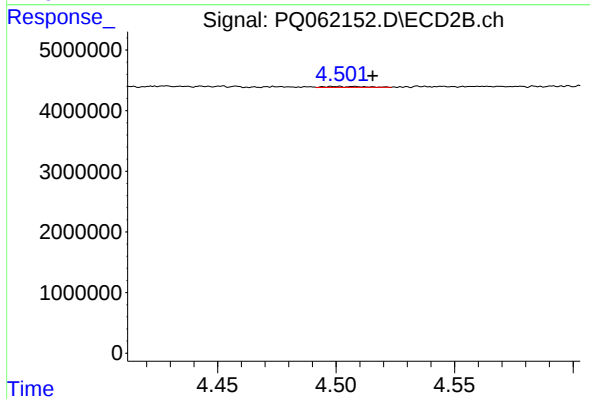
#25 AR-1248-5

R.T.: 4.545 min
Delta R.T.: -0.009 min
Response: 328733
Conc: 2.93 ng/ml



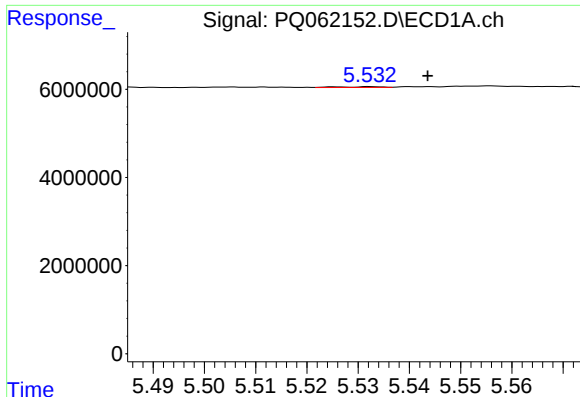
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.327 min
Response: 0
Conc: N.D.



#26 AR-1254-1

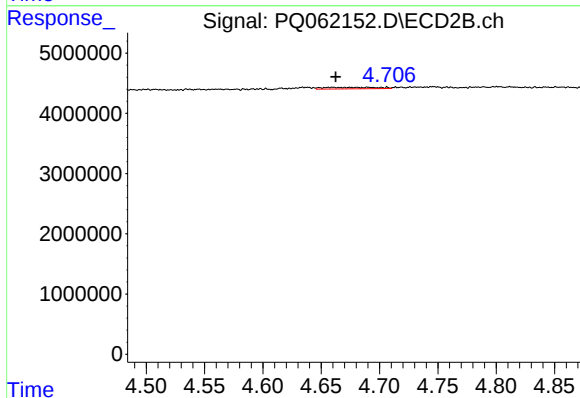
R.T.: 4.501 min
Delta R.T.: -0.014 min
Response: 186326
Conc: 1.15 ng/ml



#27 AR-1254-2

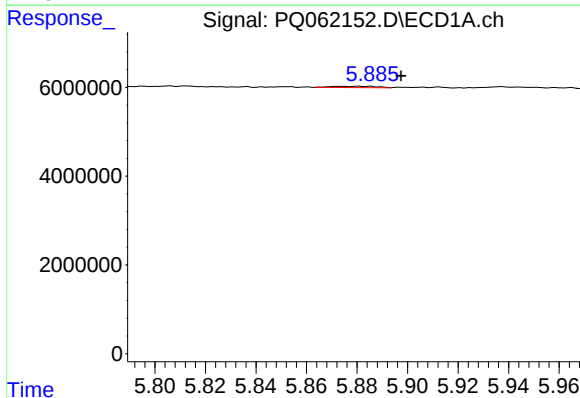
R.T.: 5.533 min
Delta R.T.: -0.011 min
Response: 102975
Conc: 0.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



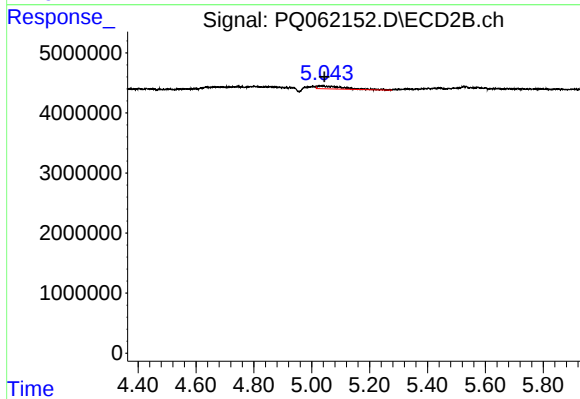
#27 AR-1254-2

R.T.: 4.660 min
Delta R.T.: -0.003 min
Response: 837048
Conc: 5.69 ng/ml



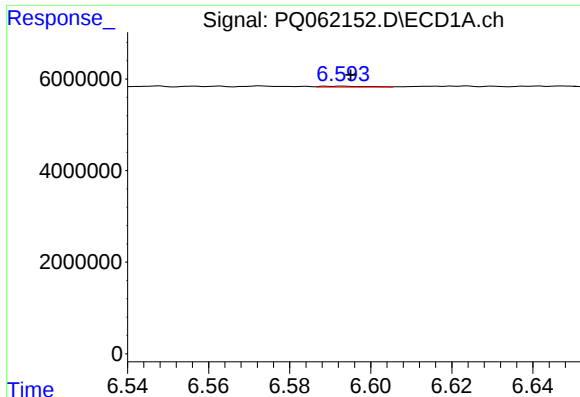
#28 AR-1254-3

R.T.: 5.885 min
Delta R.T.: -0.012 min
Response: 383667
Conc: 1.25 ng/ml



#28 AR-1254-3

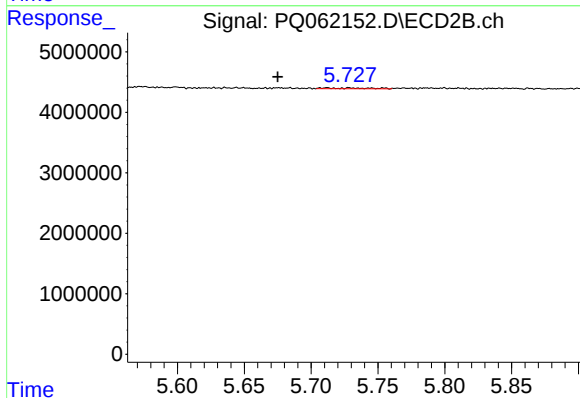
R.T.: 5.033 min
Delta R.T.: -0.010 min
Response: 2942352
Conc: 12.59 ng/ml



#30 AR-1254-5

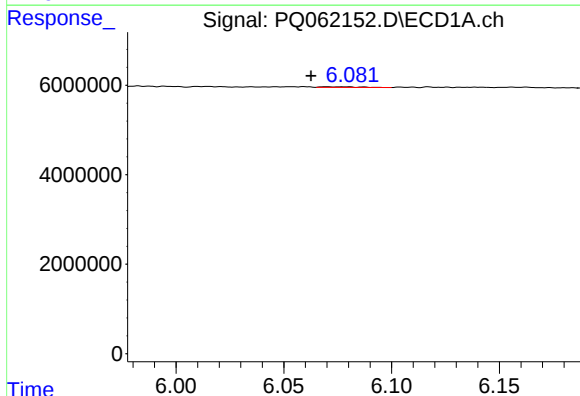
R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 139567
Conc: 0.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



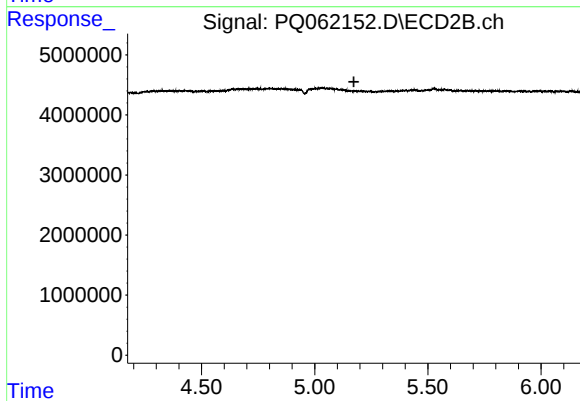
#30 AR-1254-5

R.T.: 5.711 min
Delta R.T.: 0.036 min
Response: 284196
Conc: 1.23 ng/ml



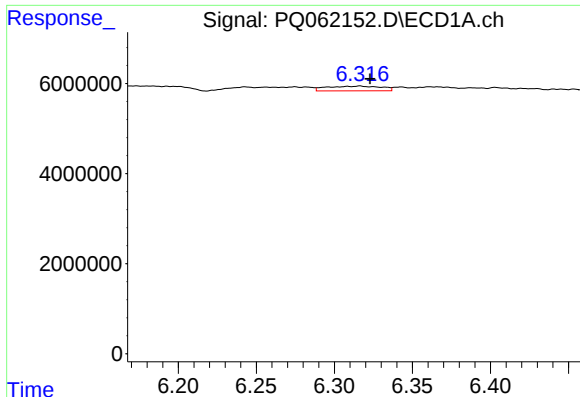
#31 AR-1260-1

R.T.: 6.070 min
Delta R.T.: 0.007 min
Response: 140786
Conc: 0.60 ng/ml



#31 AR-1260-1

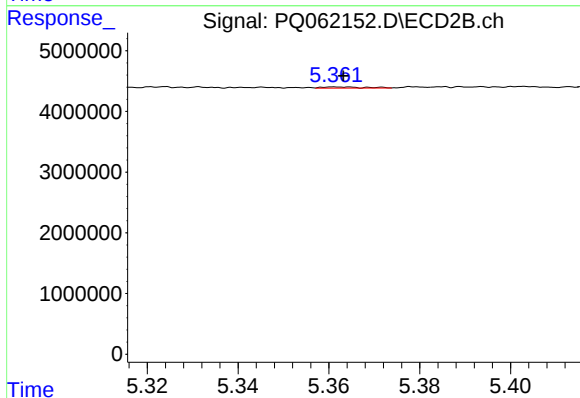
R.T.: 0.000 min
Exp R.T. : 5.173 min
Response: 0
Conc: N.D.



#32 AR-1260-2

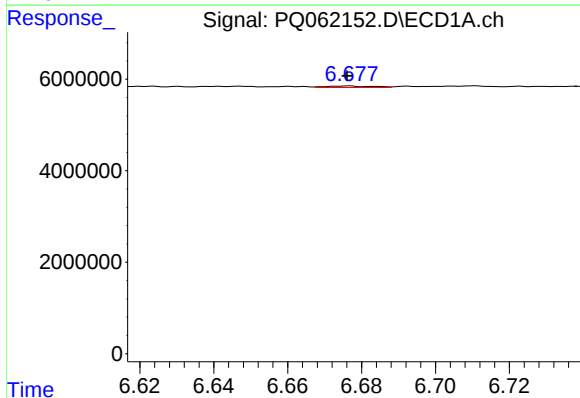
R.T.: 6.316 min
Delta R.T.: -0.006 min
Response: 2548458
Conc: 8.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



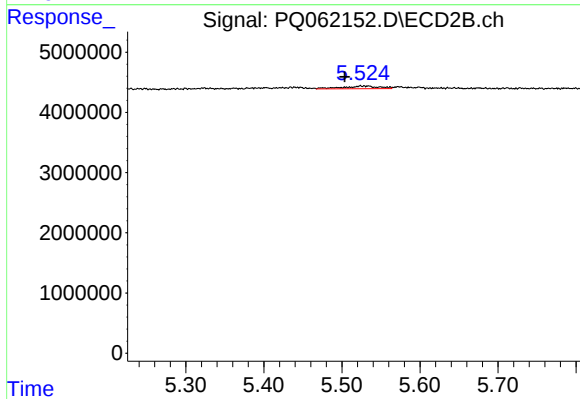
#32 AR-1260-2

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 130015
Conc: 0.63 ng/ml



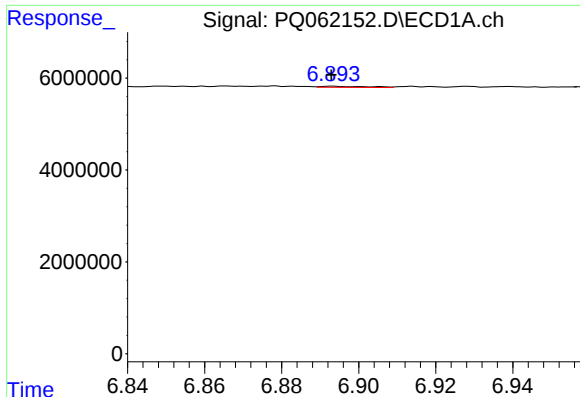
#33 AR-1260-3

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 286792
Conc: 1.62 ng/ml



#33 AR-1260-3

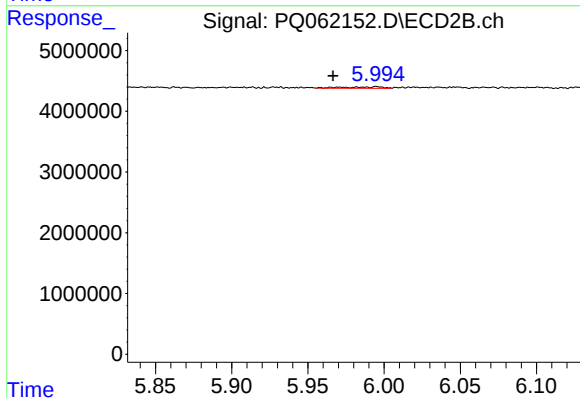
R.T.: 5.528 min
Delta R.T.: 0.024 min
Response: 1521390
Conc: 7.82 ng/ml



#34 AR-1260-4

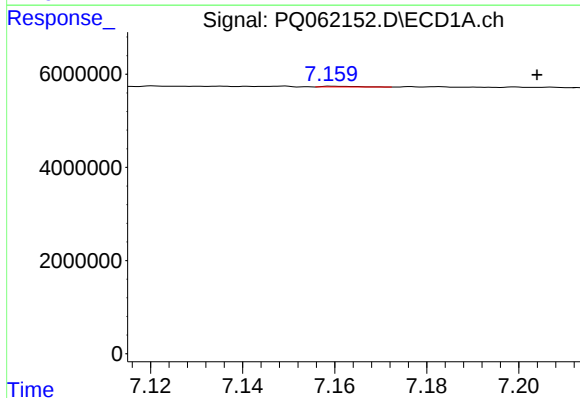
R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 188800
Conc: 0.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



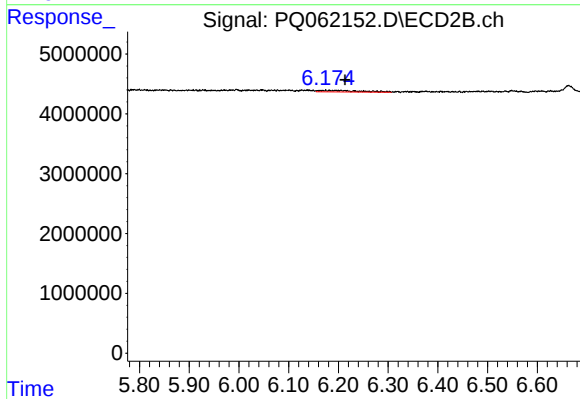
#34 AR-1260-4

R.T.: 5.995 min
Delta R.T.: 0.028 min
Response: 443217
Conc: 3.04 ng/ml



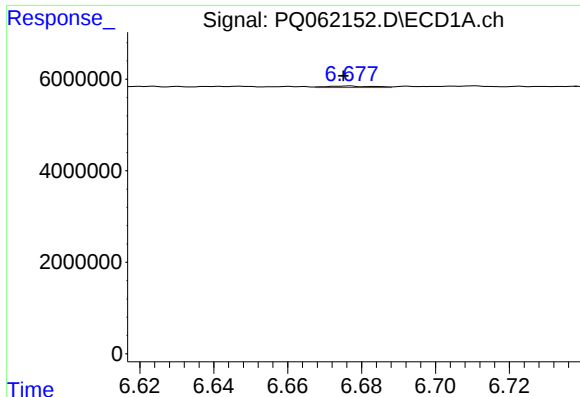
#35 AR-1260-5

R.T.: 7.160 min
Delta R.T.: -0.044 min
Response: 80839
Conc: 0.20 ng/ml



#35 AR-1260-5

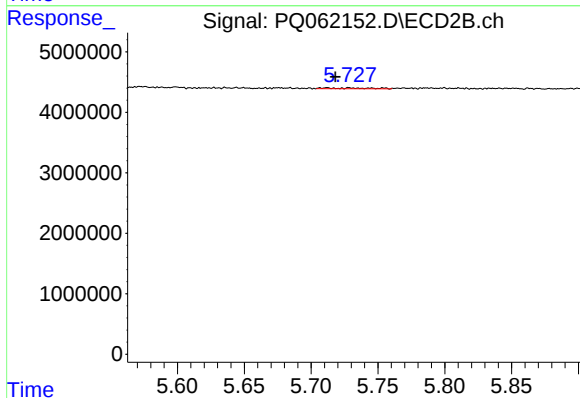
R.T.: 6.205 min
Delta R.T.: -0.008 min
Response: 1354459
Conc: 4.08 ng/ml



#36 AR-1262-1

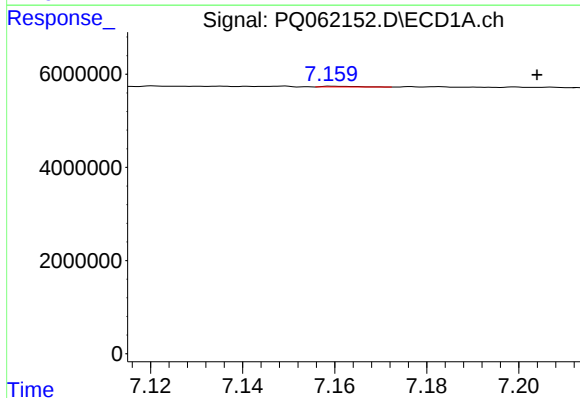
R.T.: 6.676 min
Delta R.T.: 0.001 min
Response: 286792
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



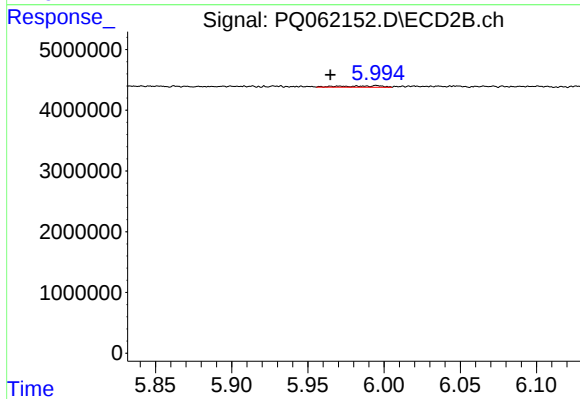
#36 AR-1262-1

R.T.: 5.711 min
Delta R.T.: -0.007 min
Response: 284196
Conc: 1.22 ng/ml



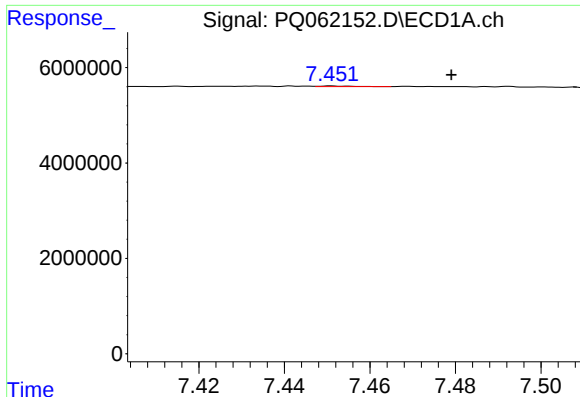
#37 AR-1262-2

R.T.: 7.160 min
Delta R.T.: -0.044 min
Response: 80839
Conc: 0.15 ng/ml



#37 AR-1262-2

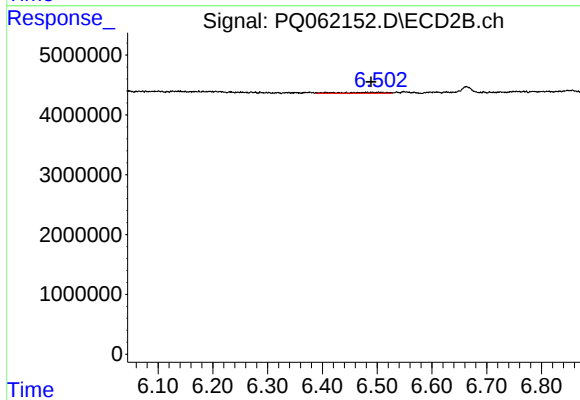
R.T.: 5.995 min
Delta R.T.: 0.030 min
Response: 443217
Conc: 2.05 ng/ml



#38 AR-1262-3

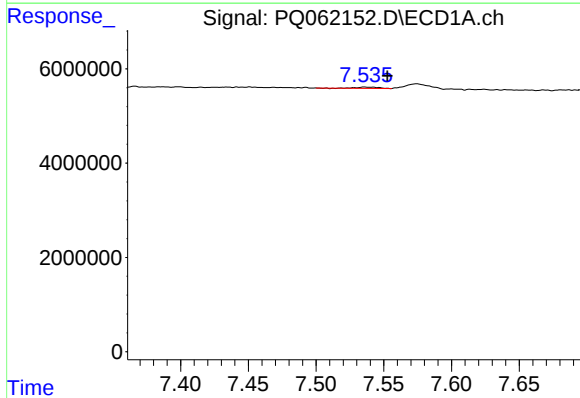
R.T.: 7.451 min
Delta R.T.: -0.028 min
Response: 63078
Conc: 0.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



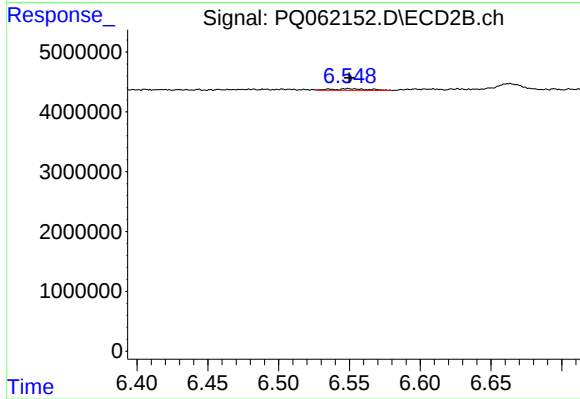
#38 AR-1262-3

R.T.: 6.506 min
Delta R.T.: 0.017 min
Response: 874849
Conc: 5.02 ng/ml



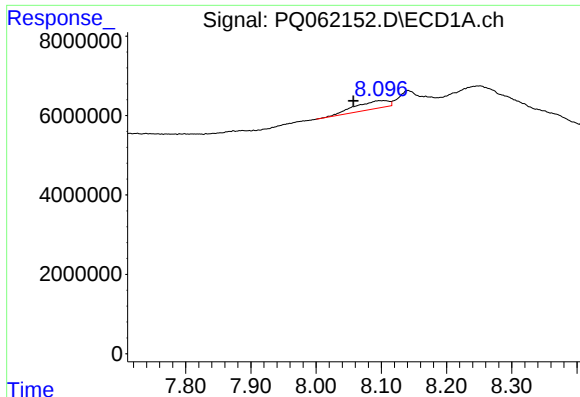
#39 AR-1262-4

R.T.: 7.536 min
Delta R.T.: -0.017 min
Response: 323705
Conc: 1.21 ng/ml



#39 AR-1262-4

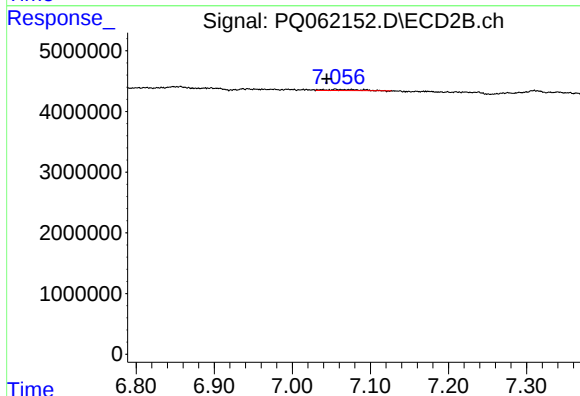
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 481995
Conc: 1.50 ng/ml



#40 AR-1262-5

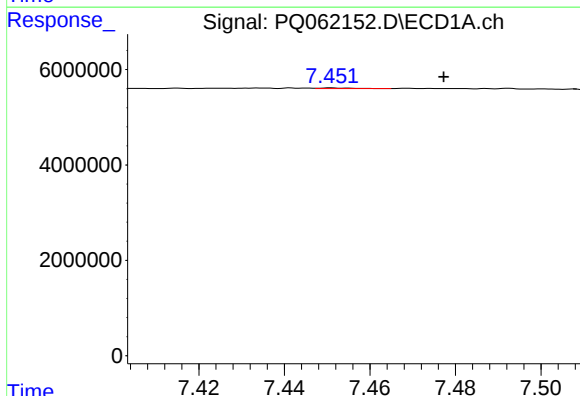
R.T.: 8.104 min
Delta R.T.: 0.046 min
Response: 7436389
Conc: 41.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



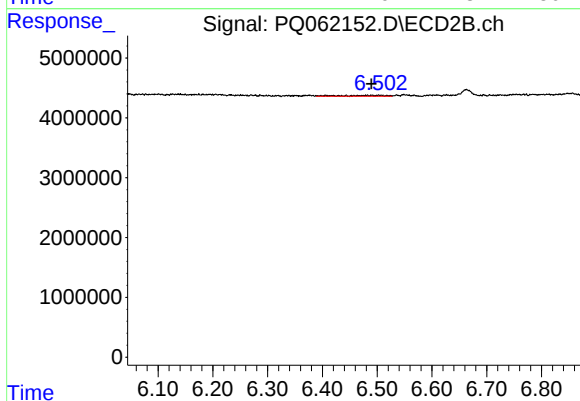
#40 AR-1262-5

R.T.: 7.055 min
Delta R.T.: 0.011 min
Response: 464699
Conc: 3.00 ng/ml



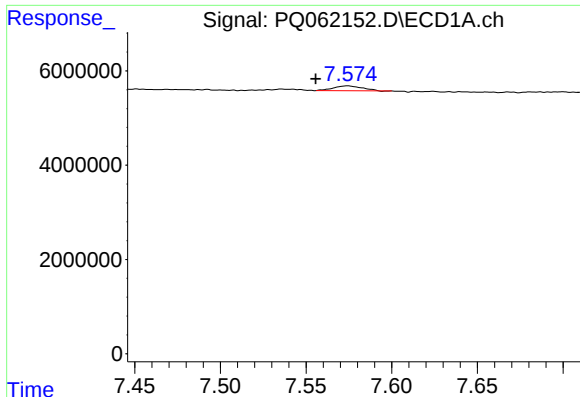
#41 AR-1268-1

R.T.: 7.451 min
Delta R.T.: -0.026 min
Response: 63078
Conc: 0.11 ng/ml



#41 AR-1268-1

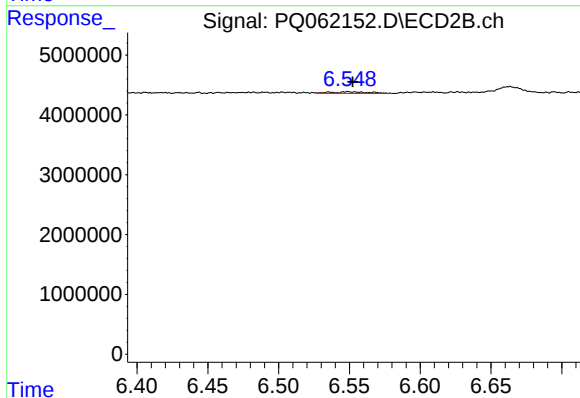
R.T.: 6.506 min
Delta R.T.: 0.017 min
Response: 874849
Conc: 1.86 ng/ml



#42 AR-1268-2

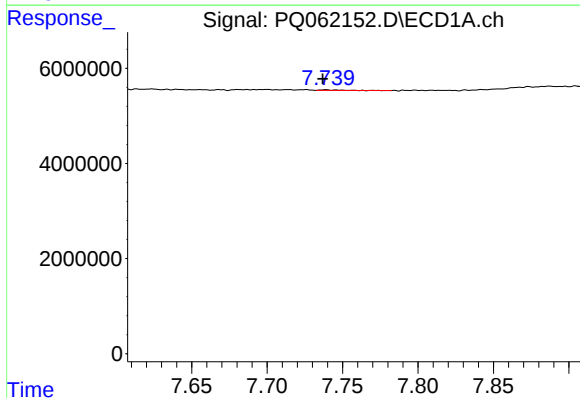
R.T.: 7.574 min
Delta R.T.: 0.019 min
Response: 1191096
Conc: 2.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



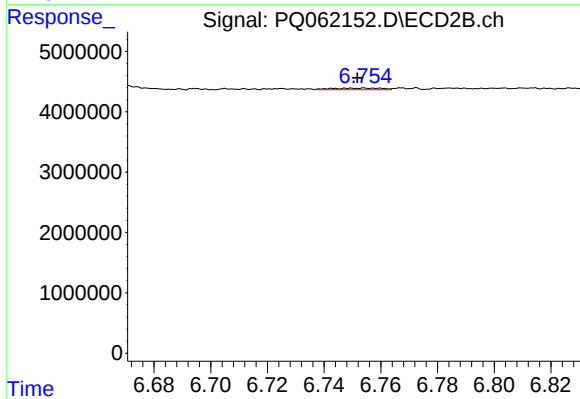
#42 AR-1268-2

R.T.: 6.549 min
Delta R.T.: -0.003 min
Response: 481995
Conc: 1.14 ng/ml



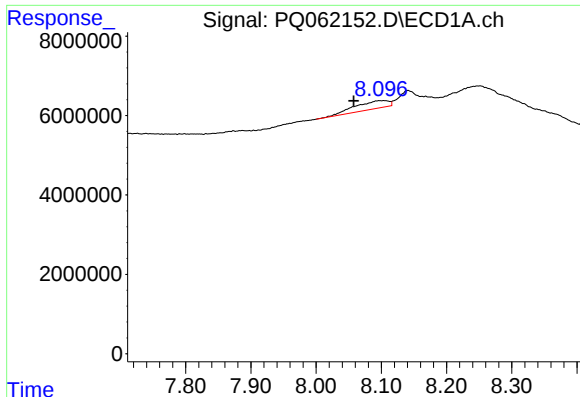
#43 AR-1268-3

R.T.: 7.739 min
Delta R.T.: 0.002 min
Response: 147743
Conc: 0.35 ng/ml



#43 AR-1268-3

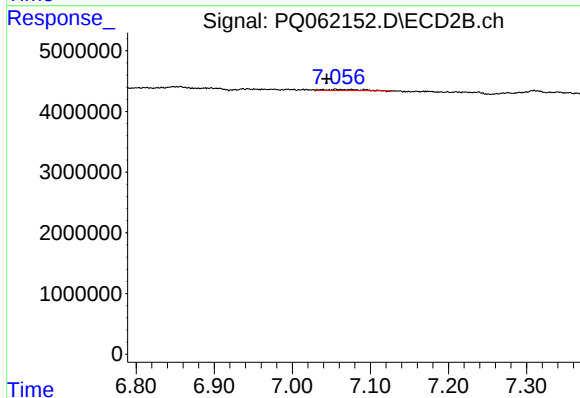
R.T.: 6.754 min
Delta R.T.: 0.002 min
Response: 327899
Conc: 0.89 ng/ml



#44 AR-1268-4

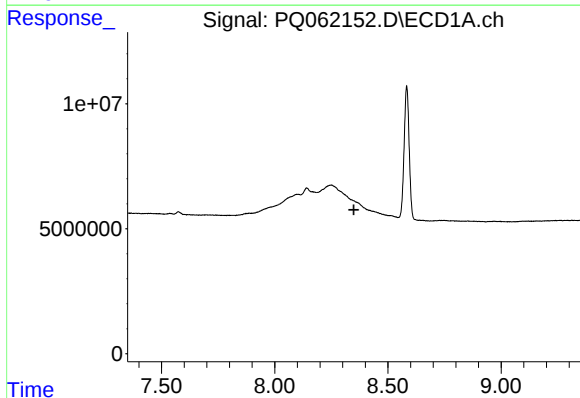
R.T.: 8.104 min
Delta R.T.: 0.046 min
Response: 7436389
Conc: 40.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



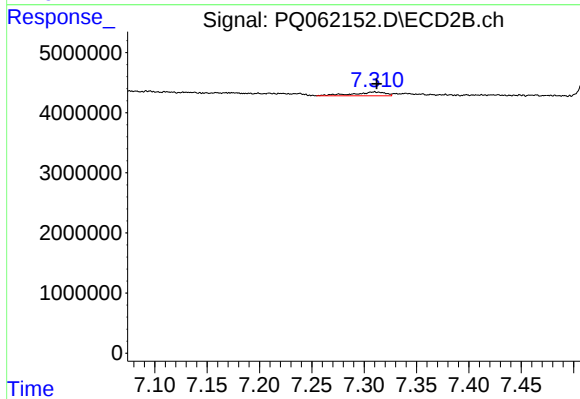
#44 AR-1268-4

R.T.: 7.055 min
Delta R.T.: 0.011 min
Response: 464699
Conc: 2.91 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.350 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 7.310 min
Delta R.T.: -0.002 min
Response: 1357510
Conc: 1.16 ng/ml