

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072023\
 Data File : PQ062444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 16:48
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:58:49 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...	3.402	2.755	89690898	51227690	18.386	20.417
2)	SA Decachlor...	8.582	7.524	70840235	68545276	19.500	20.571
Target Compounds							
5)	L1 AR-1016-3	4.535f	3.935	438277	40938	2.876	0.543 #
6)	L1 AR-1016-4	4.632f	3.989	27316	197394	0.218	3.005 #
7)	L1 AR-1016-5	4.963	4.178	488755	271574	4.016	3.313
8)	L2 AR-1221-1	3.556f	2.958	90500	123742	1.506	3.750 #
9)	L2 AR-1221-2	3.679	3.022	1410747	989760	31.397	38.967
10)	L2 AR-1221-3	3.766	3.114	256303	419436	1.824	5.441 #
11)	L3 AR-1232-1	3.766	3.114	256303	419436	2.427	7.320 #
12)	L3 AR-1232-2	4.281f	3.774	114887	82223	1.942	1.235 #
13)	L3 AR-1232-3	4.535	3.935	438277	40938	3.876	1.185 #
14)	L3 AR-1232-4	4.632f	4.007	27316	365973	0.482	12.306 #
15)	L3 AR-1232-5	4.777	4.178	176001	271574	4.395	7.615 #
17)	L4 AR-1242-2	4.535	3.774	438277	82223	2.258	0.740 #
18)	L4 AR-1242-3	4.535f	3.935	438277	40938	3.627	0.699 #
19)	L4 AR-1242-4	4.632f	4.007	27316	365973	0.280	6.242 #
20)	L4 AR-1242-5	5.415f	4.533	546557	669395	5.709	8.075 #
22)	L5 AR-1248-2	4.777	3.989	176001	197394	1.225	2.105 #
23)	L5 AR-1248-3	4.963	4.007	488755	365973	2.814	4.042 #
24)	L5 AR-1248-4	5.325f	4.178	2385078	271574	12.427	2.407 #
25)	L5 AR-1248-5	5.415f	4.566	546557	154320	3.018	1.377 #
26)	L6 AR-1254-1	5.325	4.533	2385078	669395	12.835	4.146 #
27)	L6 AR-1254-2	5.549	4.660	163131	333763	0.561	2.267 #
28)	L6 AR-1254-3	5.878	5.041	1182227	467908	3.849	2.002 #
29)	L6 AR-1254-4	0.000	5.242f	0	1850832	N.D.	12.143 #
30)	L6 AR-1254-5	6.596	5.716f	1885739	320512	7.341	1.389 #
31)	L7 AR-1260-1	6.068	5.165	191753	1398757	0.813	8.398 #
32)	L7 AR-1260-2	6.316	5.383	771559	510884	2.671	2.457
33)	L7 AR-1260-3	0.000	5.497	0	384646	N.D.	1.977 #
34)	L7 AR-1260-4	6.896	5.977	76119	470243	0.361	3.224 #
35)	L7 AR-1260-5	0.000	6.200	0	397481	N.D.	1.197 #
36)	L8 AR-1262-1	0.000	5.716	0	320512	N.D.	1.379 #
37)	L8 AR-1262-2	0.000	5.977	0	470243	N.D.	2.175 #
38)	L8 AR-1262-3	7.482	6.489	363237	973134	1.031	5.582 #
39)	L8 AR-1262-4	7.540	6.538	412603	405445	1.547	1.258
40)	L8 AR-1262-5	8.049	7.077f	497498	252773	2.803	1.630 #
41)	L9 AR-1268-1	7.482	6.489	363237	973134	0.640	2.068 #
42)	L9 AR-1268-2	7.540	6.538	412603	405445	0.809	0.957
43)	L9 AR-1268-3	7.738	6.749	136254	516454	0.319	1.402 #
44)	L9 AR-1268-4	8.049	7.077f	497498	252773	2.719	1.580 #
45)	L9 AR-1268-5	8.345	7.308	229965	786065	0.182	0.674 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072023\
Data File : PQ062444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2023 16:48
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

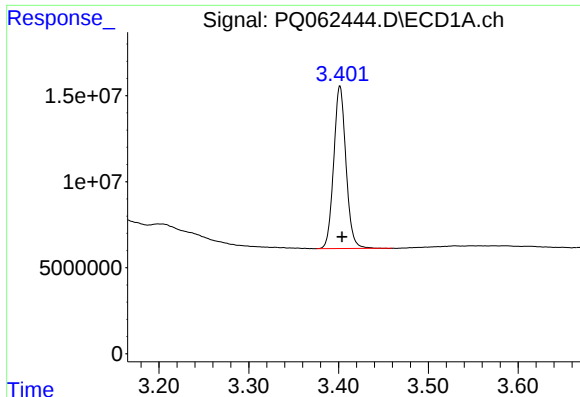
Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 21:58:49 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

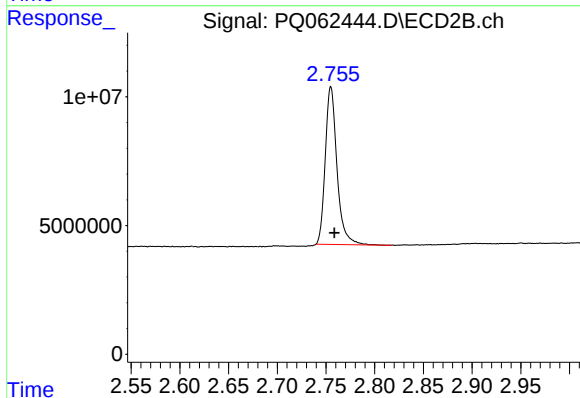
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

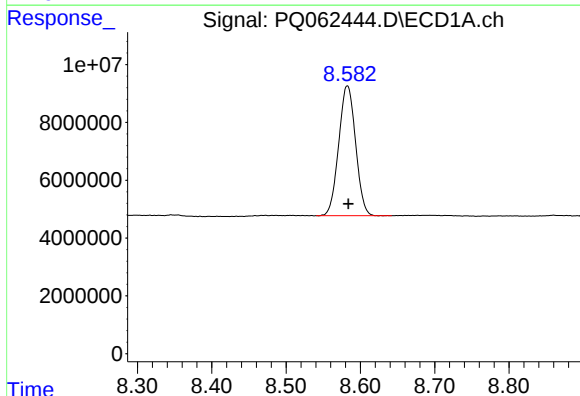
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 89690898
Conc: 18.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



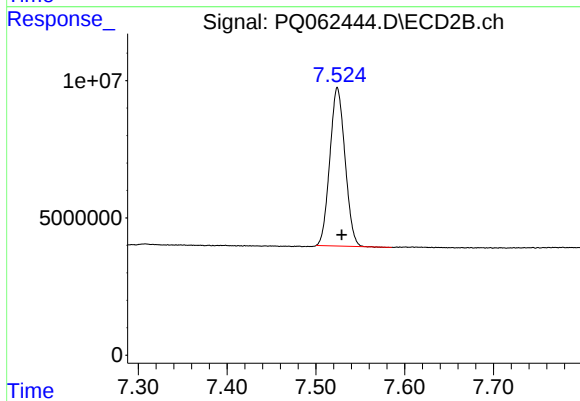
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 51227690
Conc: 20.42 ng/ml



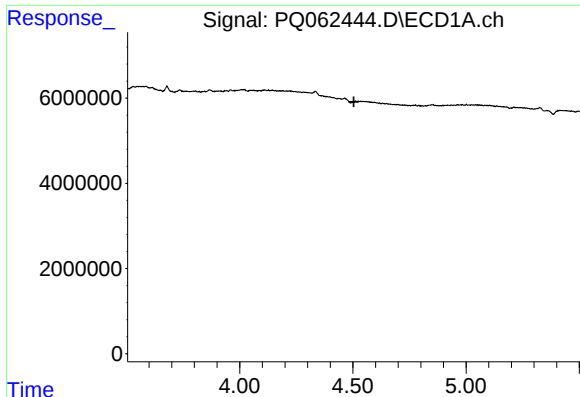
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.001 min
Response: 70840235
Conc: 19.50 ng/ml



#2 Decachlorobiphenyl

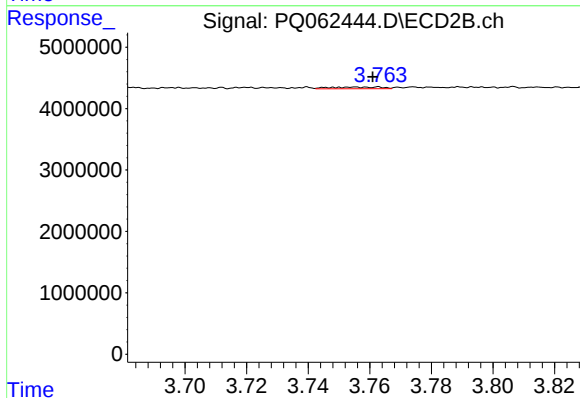
R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 68545276
Conc: 20.57 ng/ml



#3 AR-1016-1

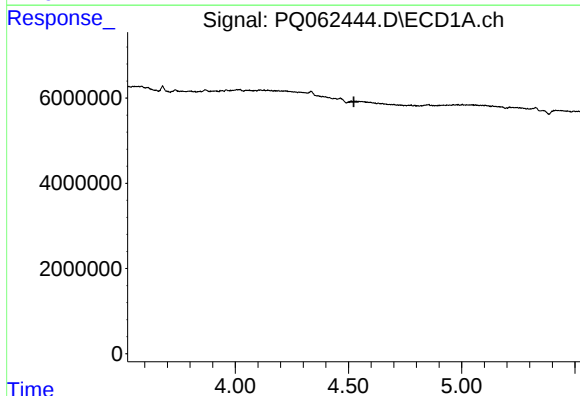
R.T.: 4.512 min
Delta R.T.: 0.008 min
Response: -556035
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



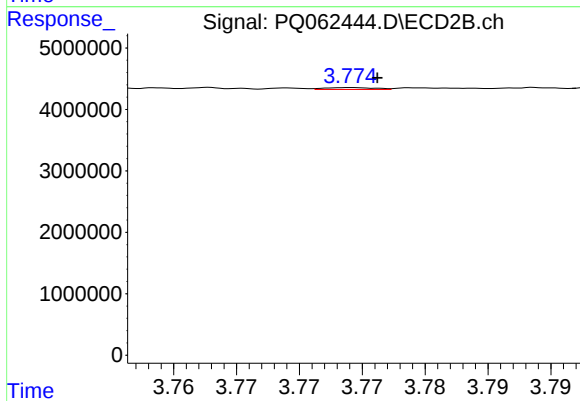
#3 AR-1016-1

R.T.: 3.763 min
Delta R.T.: 0.002 min
Response: 323676
Conc: 3.27 ng/ml



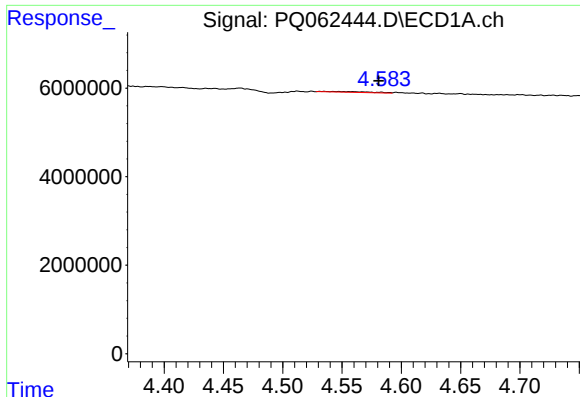
#4 AR-1016-2

R.T.: 4.512 min
Delta R.T.: -0.011 min
Response: -556035
Conc: N.D.



#4 AR-1016-2

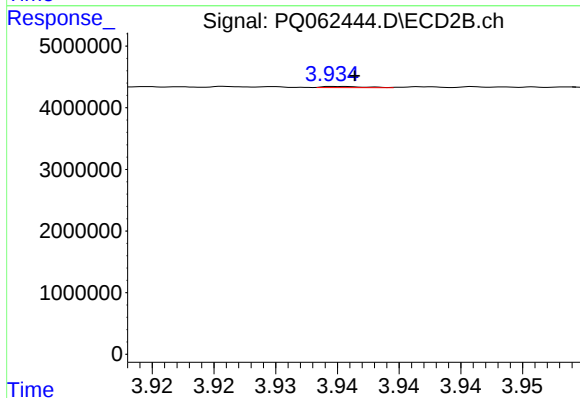
R.T.: 3.774 min
Delta R.T.: -0.002 min
Response: 82223
Conc: 0.57 ng/ml



#5 AR-1016-3

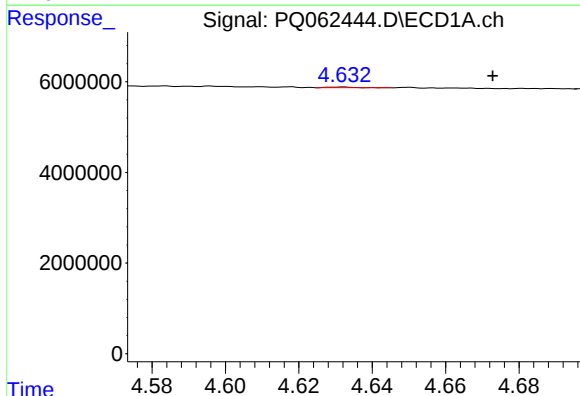
R.T.: 4.535 min
Delta R.T.: -0.046 min
Response: 438277
Conc: 2.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



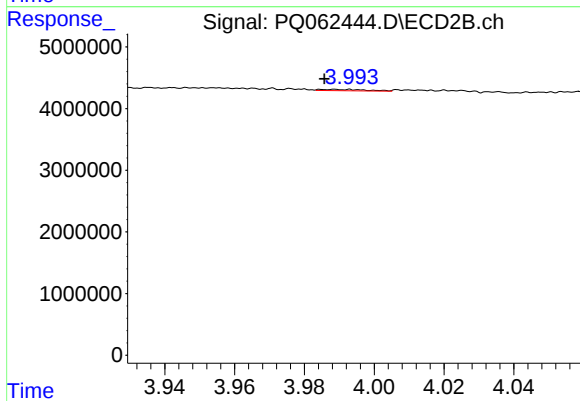
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 40938
Conc: 0.54 ng/ml



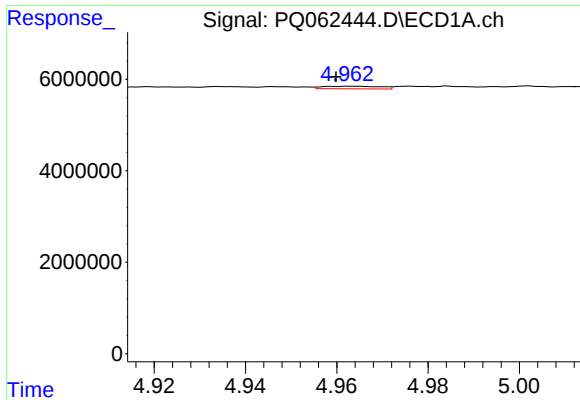
#6 AR-1016-4

R.T.: 4.632 min
Delta R.T.: -0.041 min
Response: 27316
Conc: 0.22 ng/ml



#6 AR-1016-4

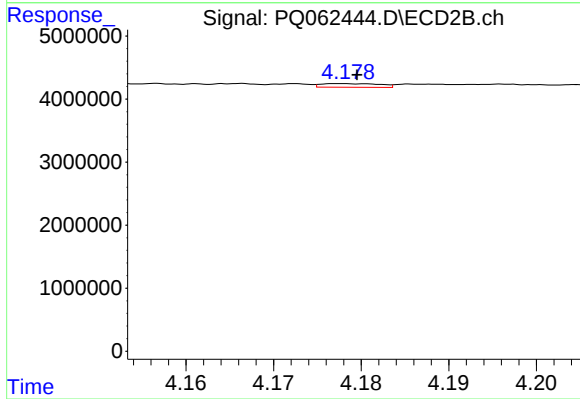
R.T.: 3.989 min
Delta R.T.: 0.003 min
Response: 197394
Conc: 3.01 ng/ml



#7 AR-1016-5

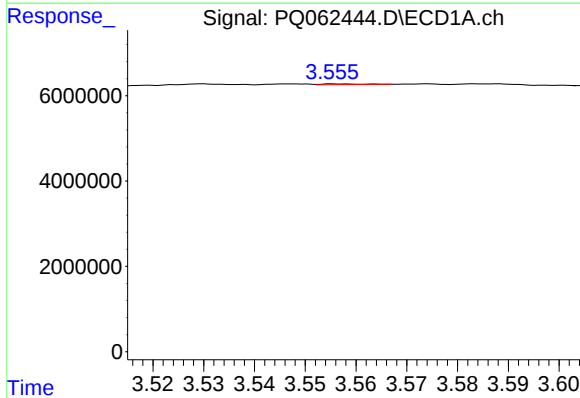
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 488755
Conc: 4.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



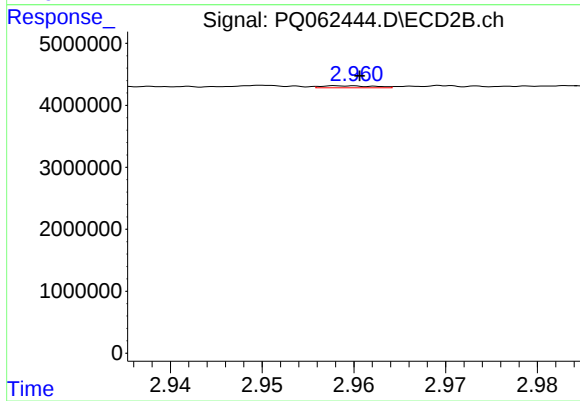
#7 AR-1016-5

R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 271574
Conc: 3.31 ng/ml



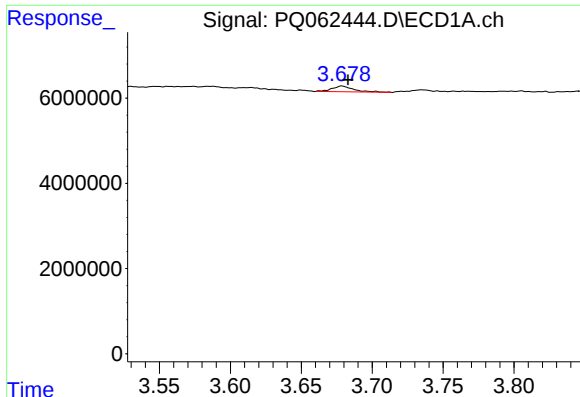
#8 AR-1221-1

R.T.: 3.556 min
Delta R.T.: -0.048 min
Response: 90500
Conc: 1.51 ng/ml



#8 AR-1221-1

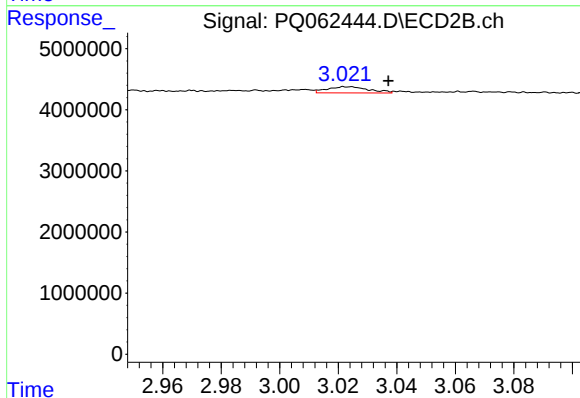
R.T.: 2.958 min
Delta R.T.: -0.002 min
Response: 123742
Conc: 3.75 ng/ml



#9 AR-1221-2

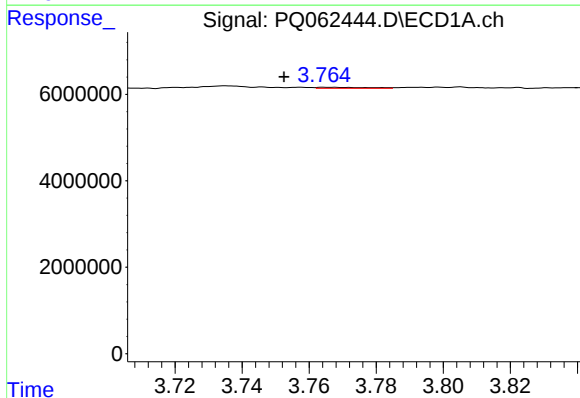
R.T.: 3.679 min
Delta R.T.: -0.004 min
Response: 1410747
Conc: 31.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



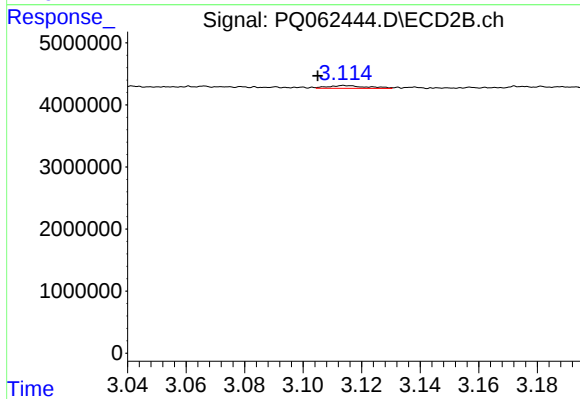
#9 AR-1221-2

R.T.: 3.022 min
Delta R.T.: -0.015 min
Response: 989760
Conc: 38.97 ng/ml



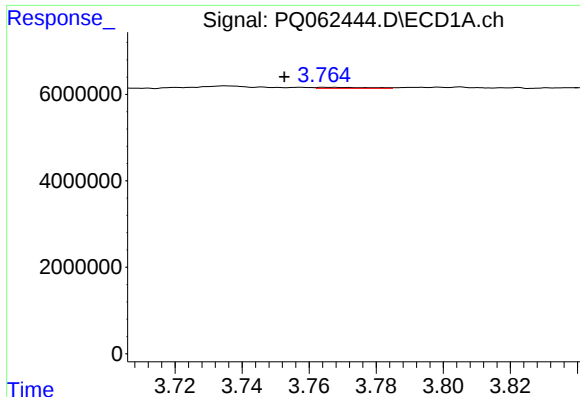
#10 AR-1221-3

R.T.: 3.766 min
Delta R.T.: 0.013 min
Response: 256303
Conc: 1.82 ng/ml



#10 AR-1221-3

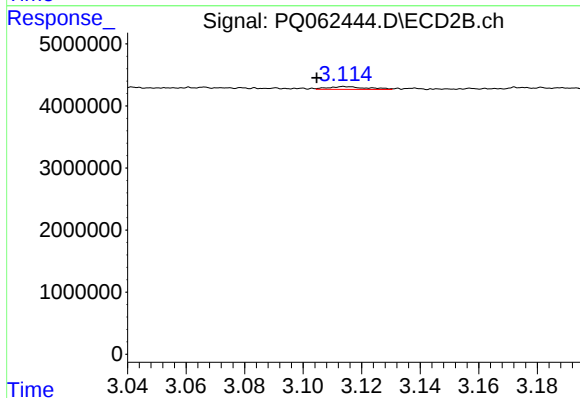
R.T.: 3.114 min
Delta R.T.: 0.009 min
Response: 419436
Conc: 5.44 ng/ml



#11 AR-1232-1

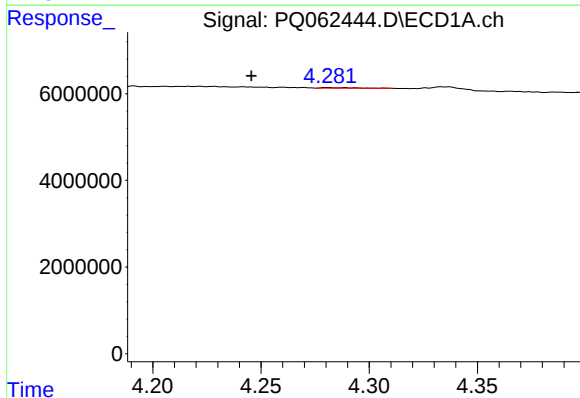
R.T.: 3.766 min
Delta R.T.: 0.013 min
Response: 256303
Conc: 2.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



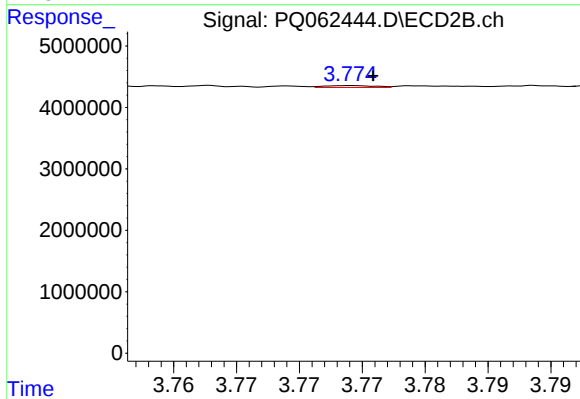
#11 AR-1232-1

R.T.: 3.114 min
Delta R.T.: 0.009 min
Response: 419436
Conc: 7.32 ng/ml



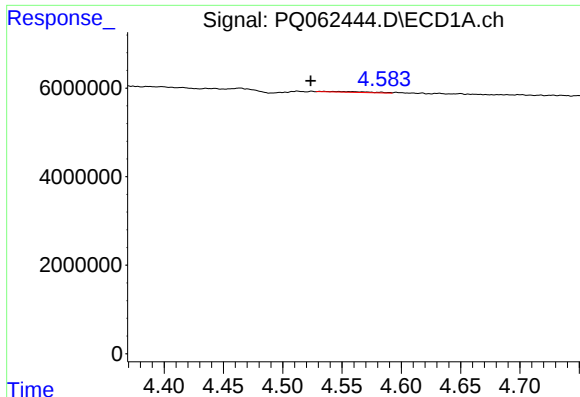
#12 AR-1232-2

R.T.: 4.281 min
Delta R.T.: 0.035 min
Response: 114887
Conc: 1.94 ng/ml



#12 AR-1232-2

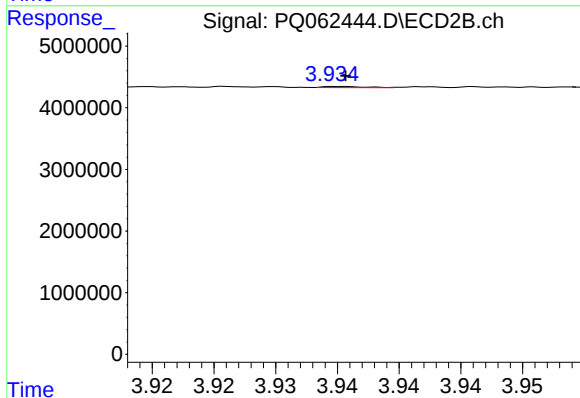
R.T.: 3.774 min
Delta R.T.: -0.002 min
Response: 82223
Conc: 1.24 ng/ml



#13 AR-1232-3

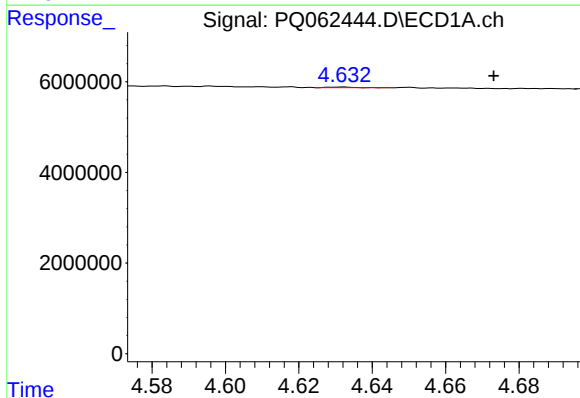
R.T.: 4.535 min
Delta R.T.: 0.011 min
Response: 438277
Conc: 3.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



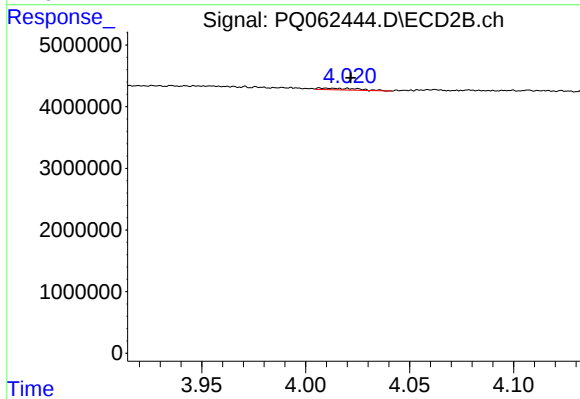
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 40938
Conc: 1.18 ng/ml



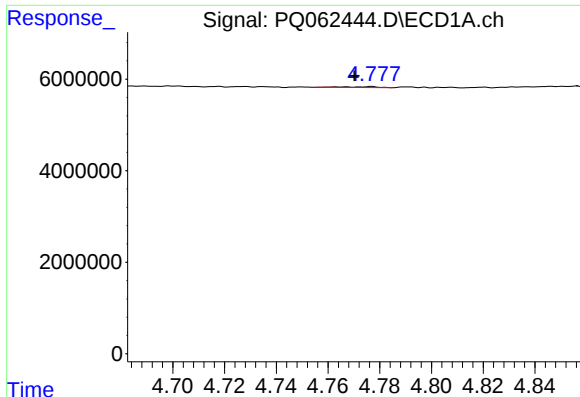
#14 AR-1232-4

R.T.: 4.632 min
Delta R.T.: -0.041 min
Response: 27316
Conc: 0.48 ng/ml



#14 AR-1232-4

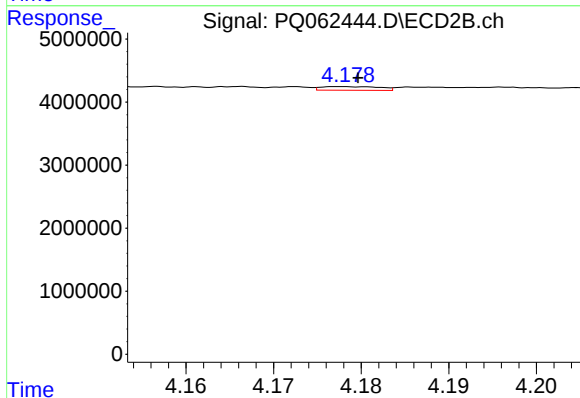
R.T.: 4.007 min
Delta R.T.: -0.015 min
Response: 365973
Conc: 12.31 ng/ml



#15 AR-1232-5

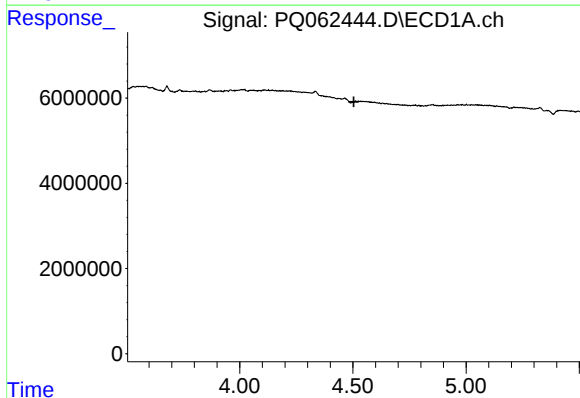
R.T.: 4.777 min
Delta R.T.: 0.007 min
Response: 176001
Conc: 4.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



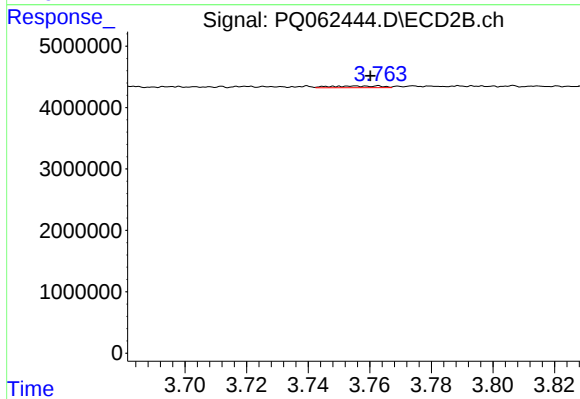
#15 AR-1232-5

R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 271574
Conc: 7.62 ng/ml



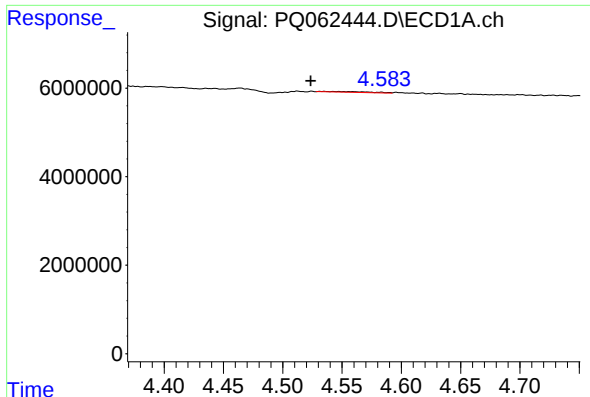
#16 AR-1242-1

R.T.: 4.512 min
Delta R.T.: 0.008 min
Response: -556035
Conc: N.D.



#16 AR-1242-1

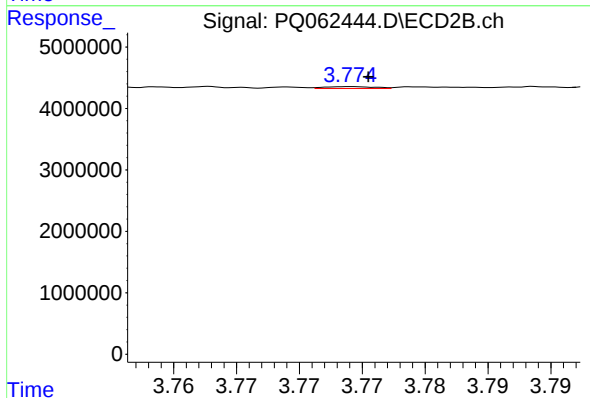
R.T.: 3.763 min
Delta R.T.: 0.003 min
Response: 323676
Conc: 4.19 ng/ml



#17 AR-1242-2

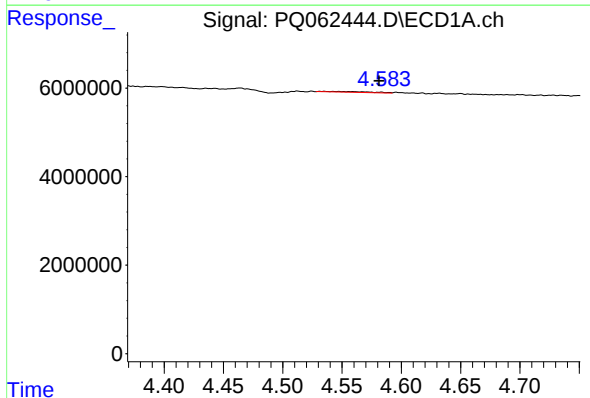
R.T.: 4.535 min
Delta R.T.: 0.011 min
Response: 438277
Conc: 2.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



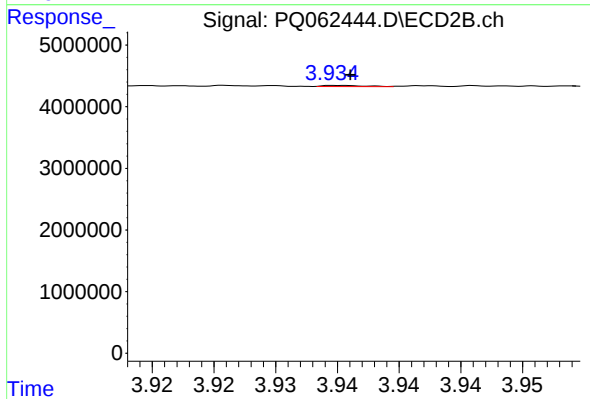
#17 AR-1242-2

R.T.: 3.774 min
Delta R.T.: -0.001 min
Response: 82223
Conc: 0.74 ng/ml



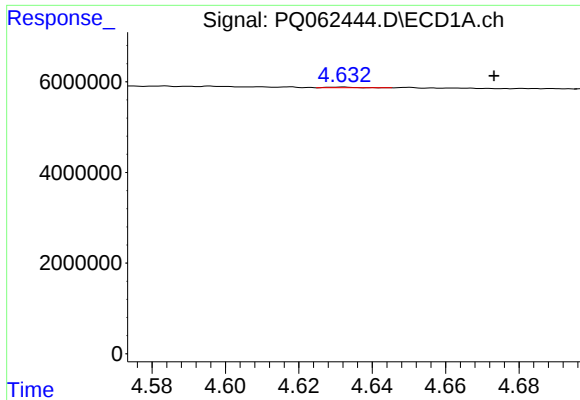
#18 AR-1242-3

R.T.: 4.535 min
Delta R.T.: -0.047 min
Response: 438277
Conc: 3.63 ng/ml



#18 AR-1242-3

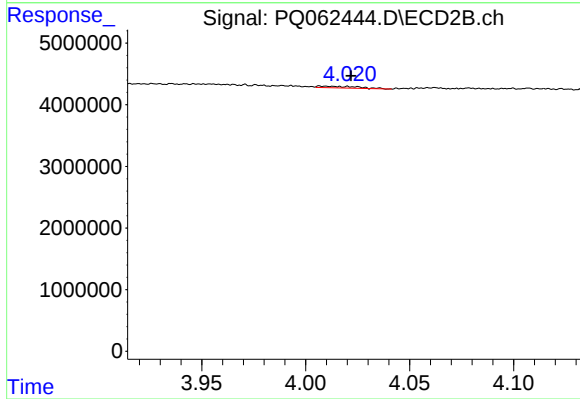
R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 40938
Conc: 0.70 ng/ml



#19 AR-1242-4

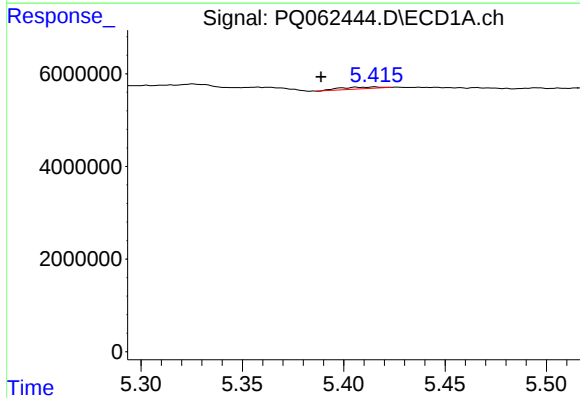
R.T.: 4.632 min
Delta R.T.: -0.041 min
Response: 27316
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



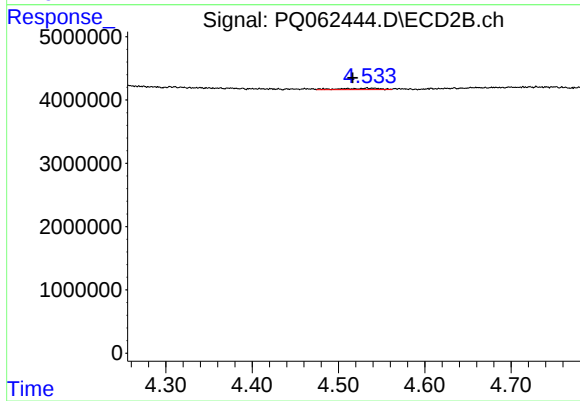
#19 AR-1242-4

R.T.: 4.007 min
Delta R.T.: -0.015 min
Response: 365973
Conc: 6.24 ng/ml



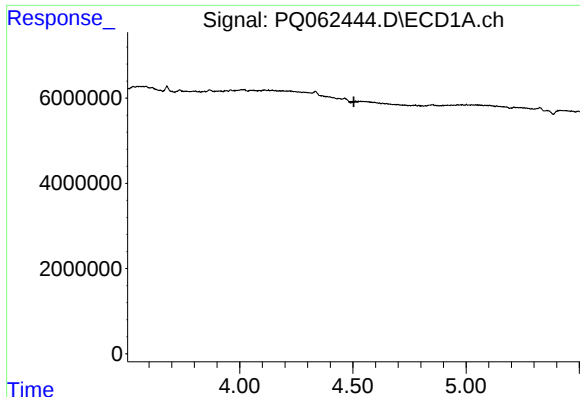
#20 AR-1242-5

R.T.: 5.415 min
Delta R.T.: 0.027 min
Response: 546557
Conc: 5.71 ng/ml



#20 AR-1242-5

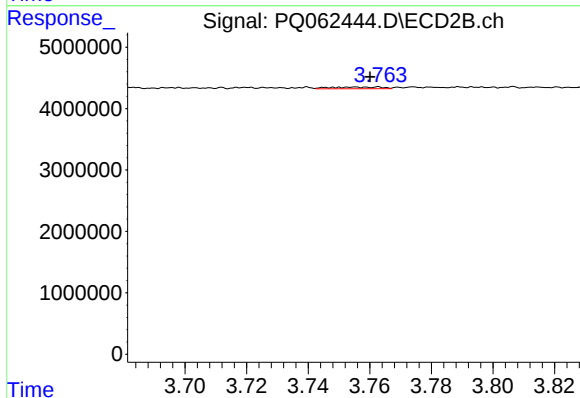
R.T.: 4.533 min
Delta R.T.: 0.016 min
Response: 669395
Conc: 8.08 ng/ml



#21 AR-1248-1

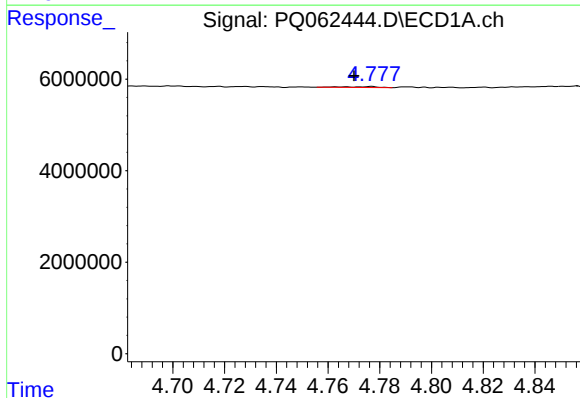
R.T.: 4.512 min
Delta R.T.: 0.008 min
Response: -556035
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



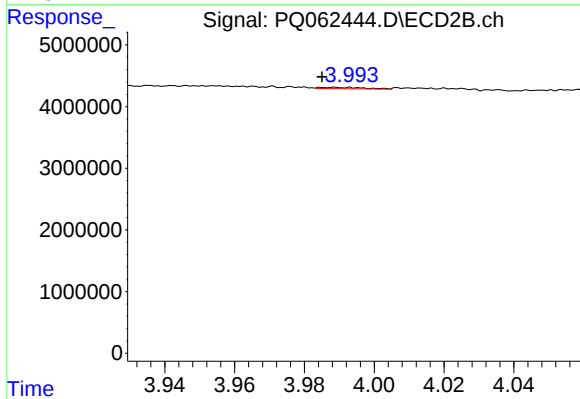
#21 AR-1248-1

R.T.: 3.763 min
Delta R.T.: 0.003 min
Response: 323676
Conc: 5.18 ng/ml



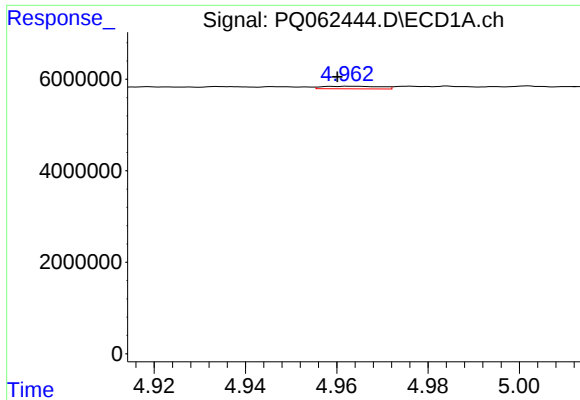
#22 AR-1248-2

R.T.: 4.777 min
Delta R.T.: 0.007 min
Response: 176001
Conc: 1.23 ng/ml



#22 AR-1248-2

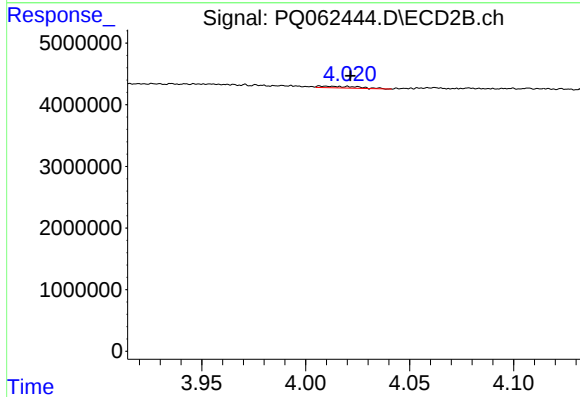
R.T.: 3.989 min
Delta R.T.: 0.004 min
Response: 197394
Conc: 2.11 ng/ml



#23 AR-1248-3

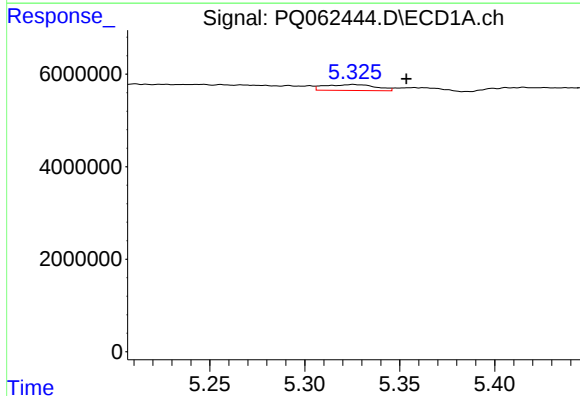
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 488755
Conc: 2.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



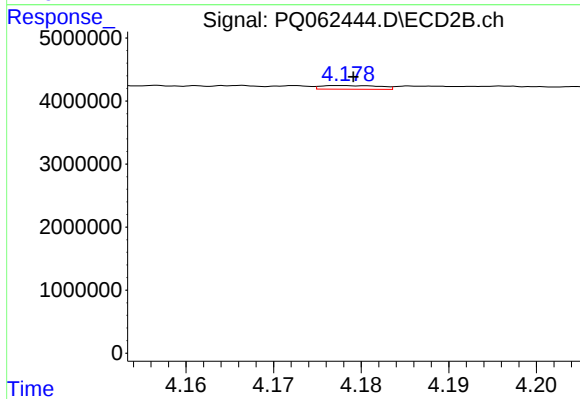
#23 AR-1248-3

R.T.: 4.007 min
Delta R.T.: -0.015 min
Response: 365973
Conc: 4.04 ng/ml



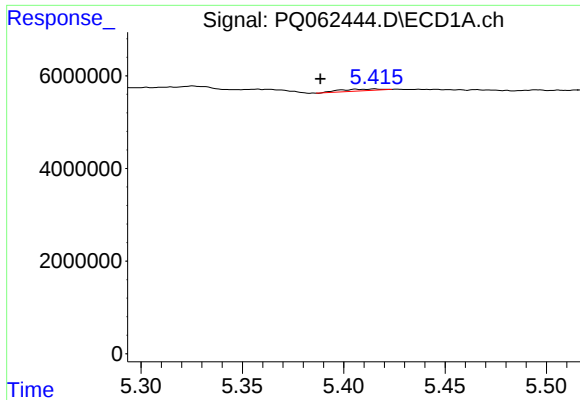
#24 AR-1248-4

R.T.: 5.325 min
Delta R.T.: -0.028 min
Response: 2385078
Conc: 12.43 ng/ml



#24 AR-1248-4

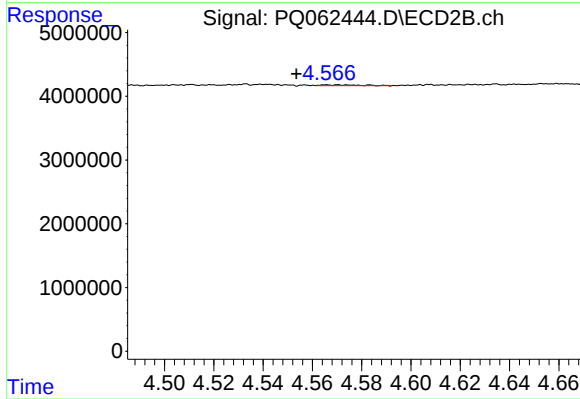
R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 271574
Conc: 2.41 ng/ml



#25 AR-1248-5

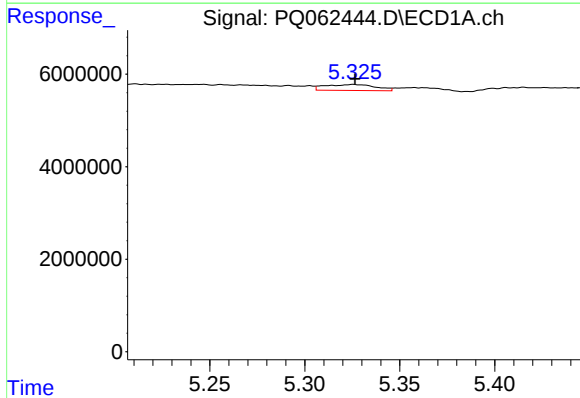
R.T.: 5.415 min
Delta R.T.: 0.027 min
Response: 546557
Conc: 3.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



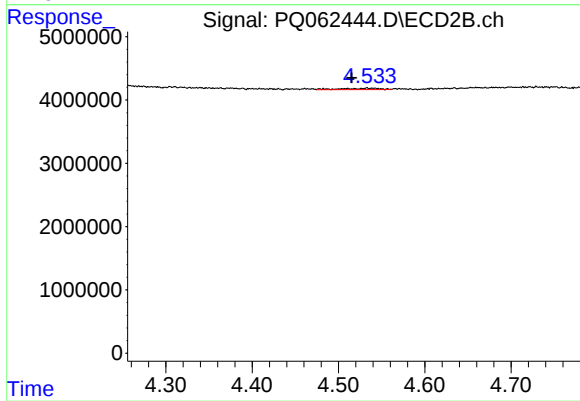
#25 AR-1248-5

R.T.: 4.566 min
Delta R.T.: 0.012 min
Response: 154320
Conc: 1.38 ng/ml



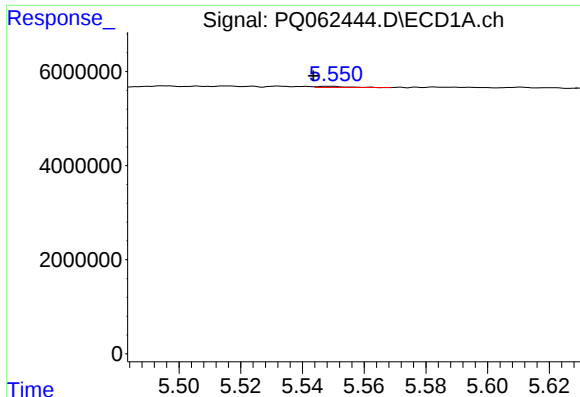
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.001 min
Response: 2385078
Conc: 12.84 ng/ml



#26 AR-1254-1

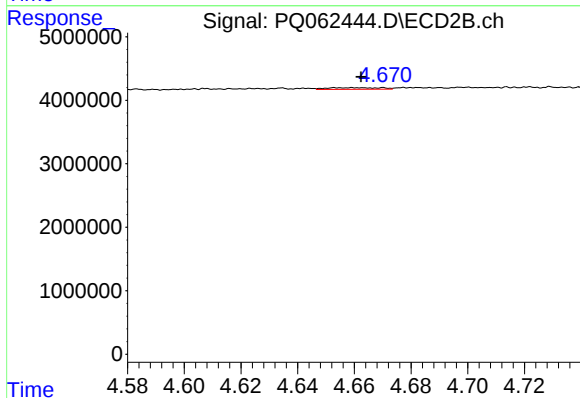
R.T.: 4.533 min
Delta R.T.: 0.017 min
Response: 669395
Conc: 4.15 ng/ml



#27 AR-1254-2

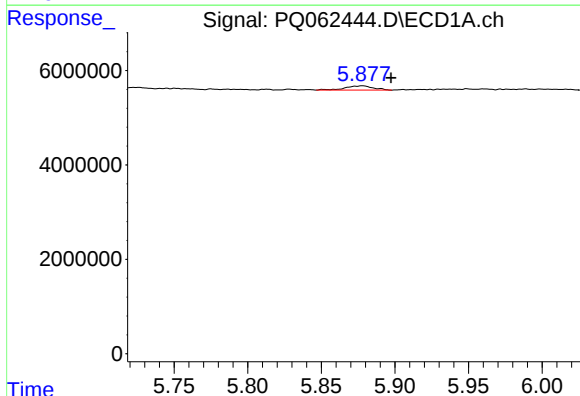
R.T.: 5.549 min
Delta R.T.: 0.005 min
Response: 163131
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



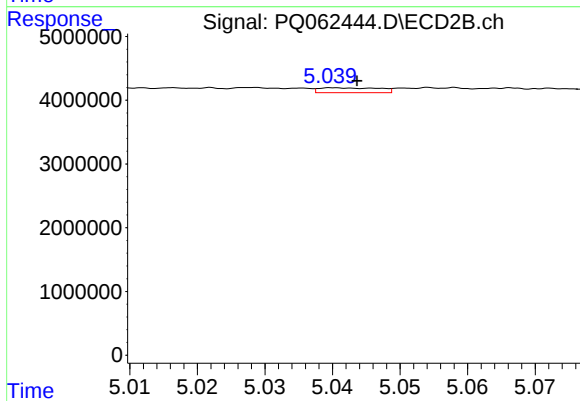
#27 AR-1254-2

R.T.: 4.660 min
Delta R.T.: -0.003 min
Response: 333763
Conc: 2.27 ng/ml



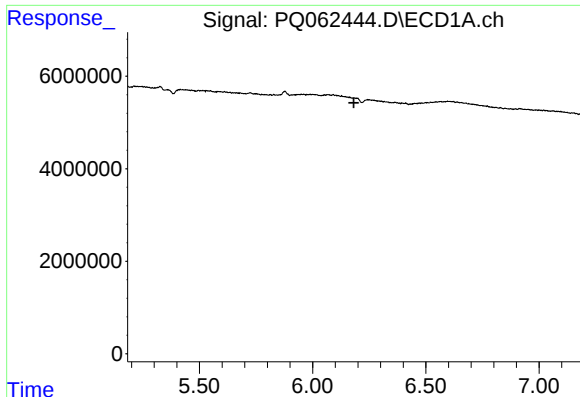
#28 AR-1254-3

R.T.: 5.878 min
Delta R.T.: -0.019 min
Response: 1182227
Conc: 3.85 ng/ml



#28 AR-1254-3

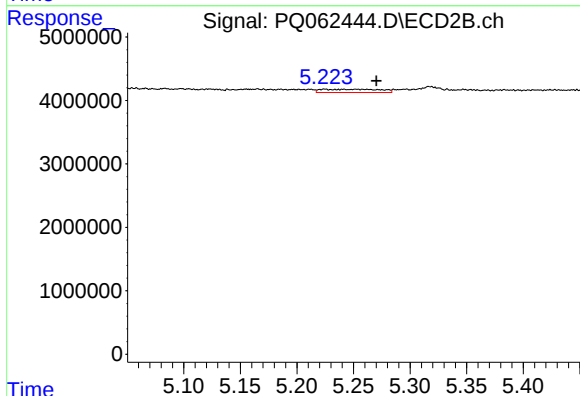
R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 467908
Conc: 2.00 ng/ml



#29 AR-1254-4

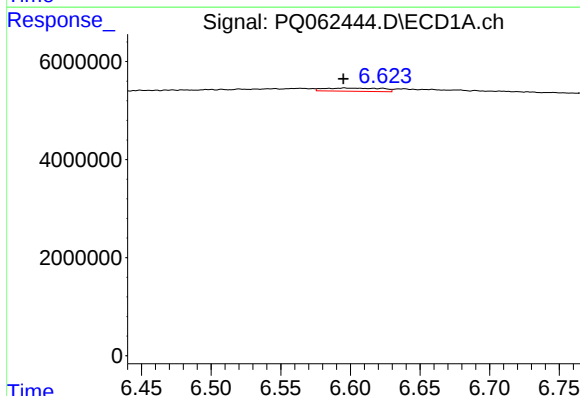
R.T.: 0.000 min
Exp R.T.: 6.182 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



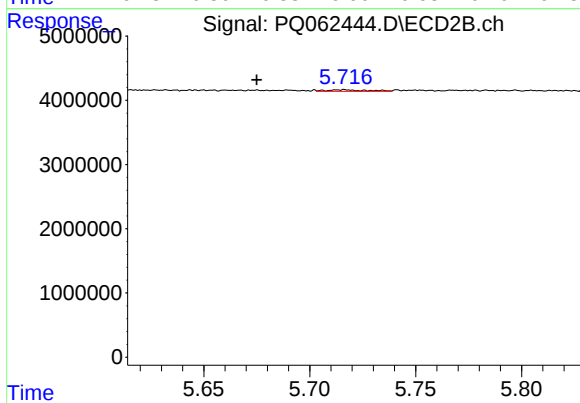
#29 AR-1254-4

R.T.: 5.242 min
Delta R.T.: -0.028 min
Response: 1850832
Conc: 12.14 ng/ml



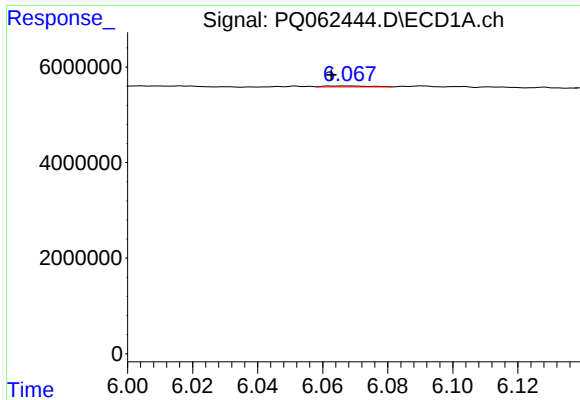
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 1885739
Conc: 7.34 ng/ml



#30 AR-1254-5

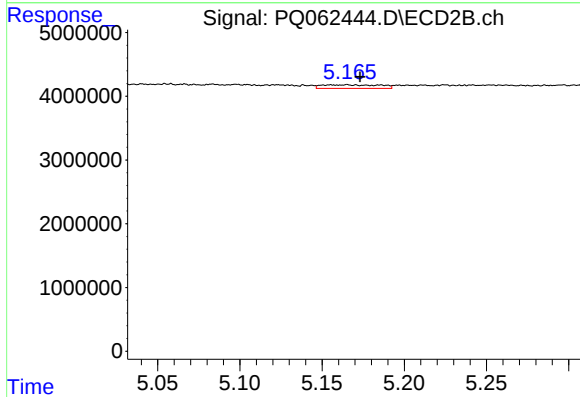
R.T.: 5.716 min
Delta R.T.: 0.041 min
Response: 320512
Conc: 1.39 ng/ml



#31 AR-1260-1

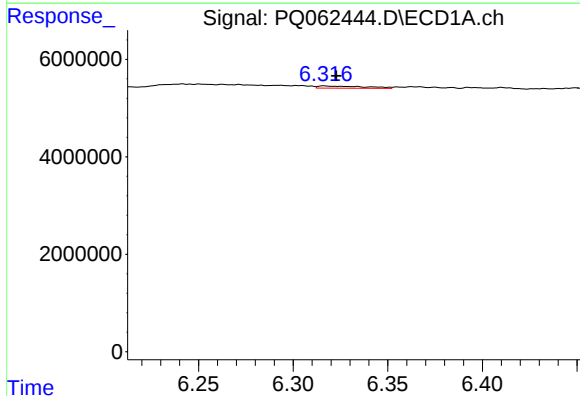
R.T.: 6.068 min
Delta R.T.: 0.005 min
Response: 191753
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



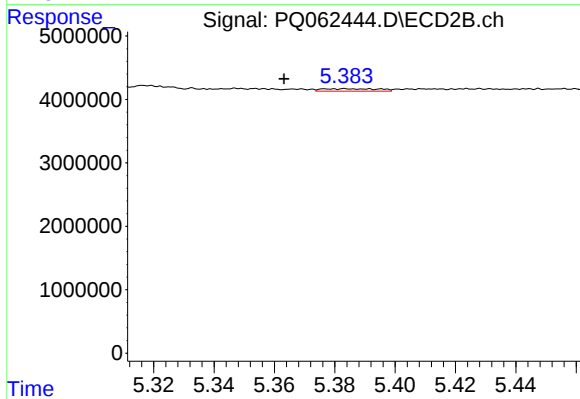
#31 AR-1260-1

R.T.: 5.165 min
Delta R.T.: -0.008 min
Response: 1398757
Conc: 8.40 ng/ml



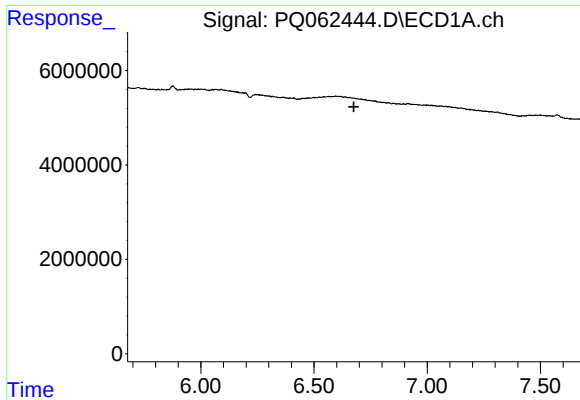
#32 AR-1260-2

R.T.: 6.316 min
Delta R.T.: -0.006 min
Response: 771559
Conc: 2.67 ng/ml



#32 AR-1260-2

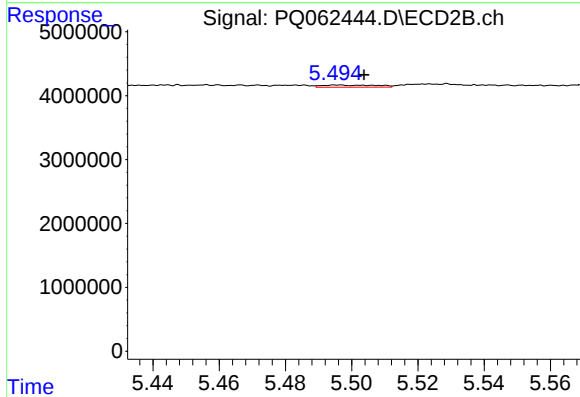
R.T.: 5.383 min
Delta R.T.: 0.020 min
Response: 510884
Conc: 2.46 ng/ml



#33 AR-1260-3

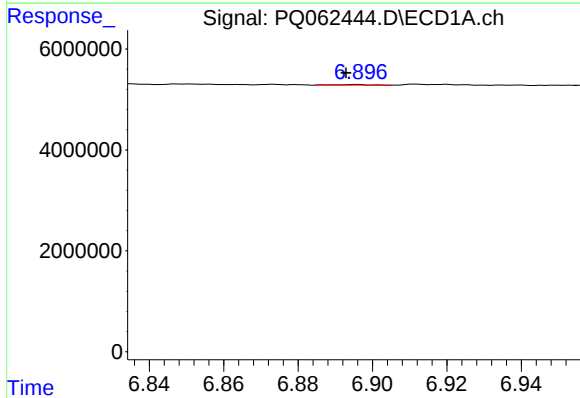
R.T.: 0.000 min
Exp R.T.: 6.676 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



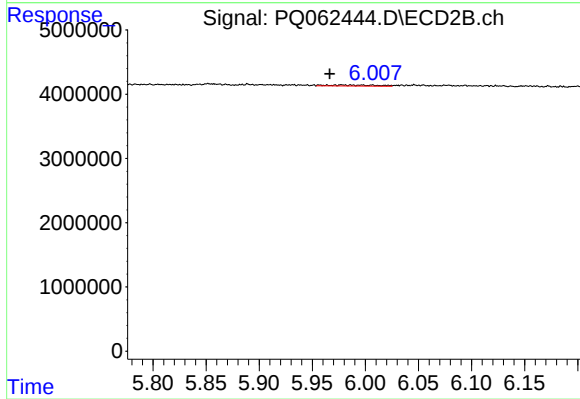
#33 AR-1260-3

R.T.: 5.497 min
Delta R.T.: -0.007 min
Response: 384646
Conc: 1.98 ng/ml



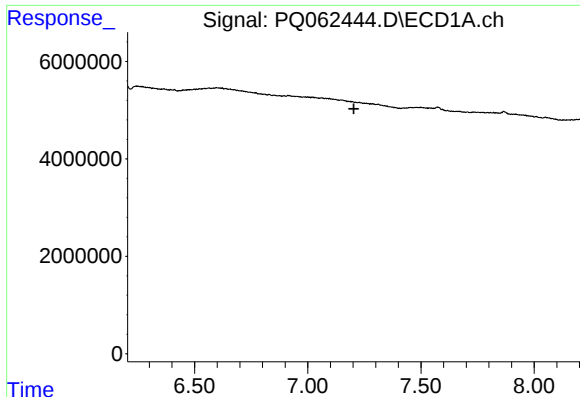
#34 AR-1260-4

R.T.: 6.896 min
Delta R.T.: 0.003 min
Response: 76119
Conc: 0.36 ng/ml



#34 AR-1260-4

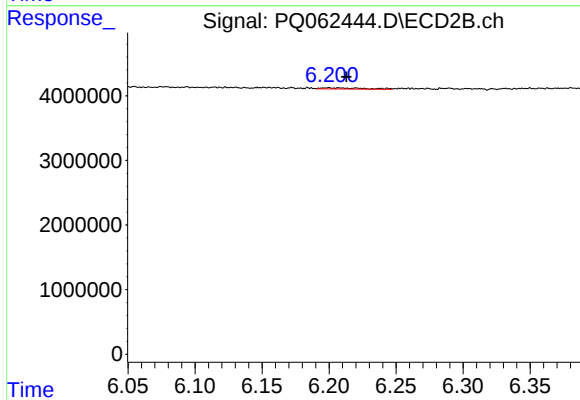
R.T.: 5.977 min
Delta R.T.: 0.011 min
Response: 470243
Conc: 3.22 ng/ml



#35 AR-1260-5

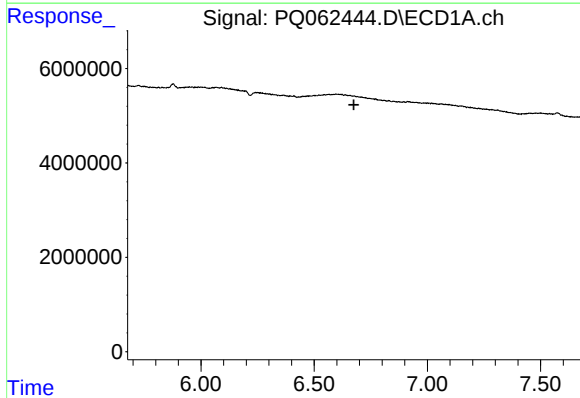
R.T.: 0.000 min
Exp R.T.: 7.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



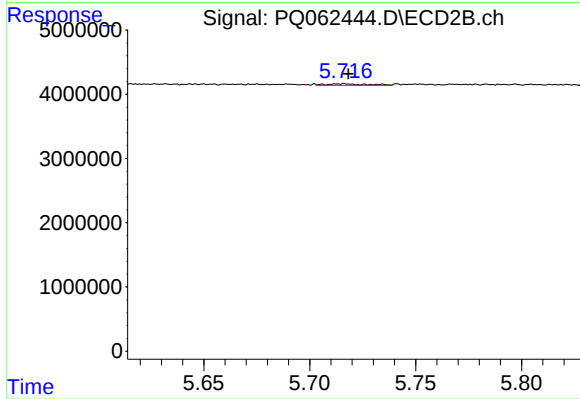
#35 AR-1260-5

R.T.: 6.200 min
Delta R.T.: -0.013 min
Response: 397481
Conc: 1.20 ng/ml



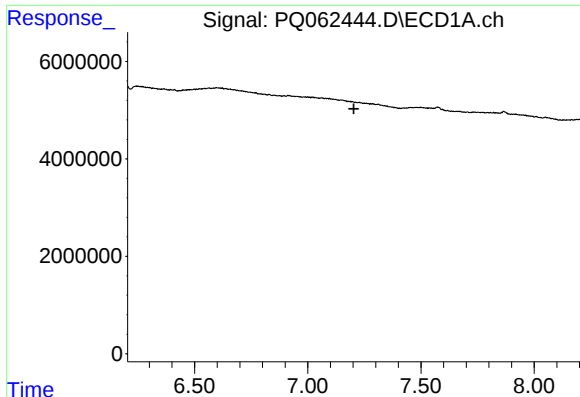
#36 AR-1262-1

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



#36 AR-1262-1

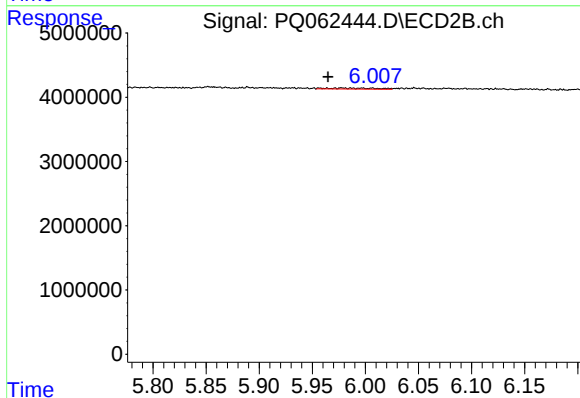
R.T.: 5.716 min
Delta R.T.: -0.003 min
Response: 320512
Conc: 1.38 ng/ml



#37 AR-1262-2

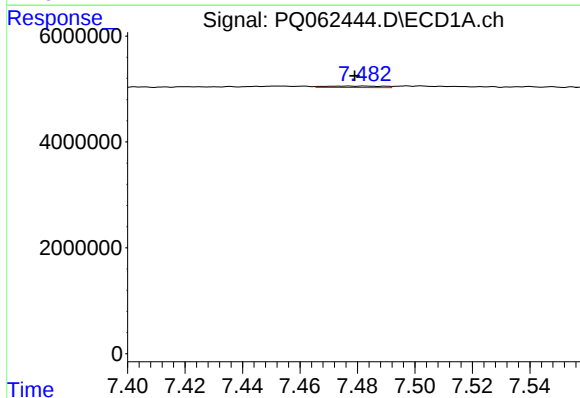
R.T.: 0.000 min
Exp R.T.: 7.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



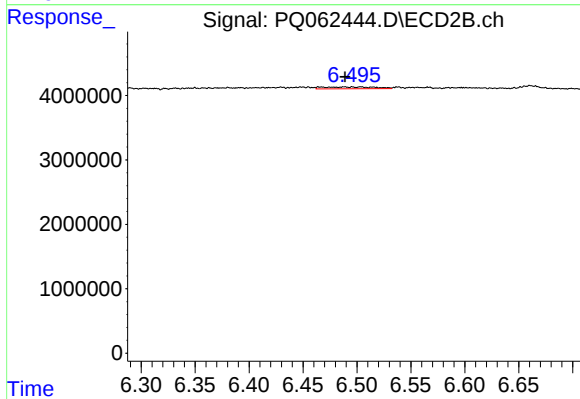
#37 AR-1262-2

R.T.: 5.977 min
Delta R.T.: 0.013 min
Response: 470243
Conc: 2.17 ng/ml



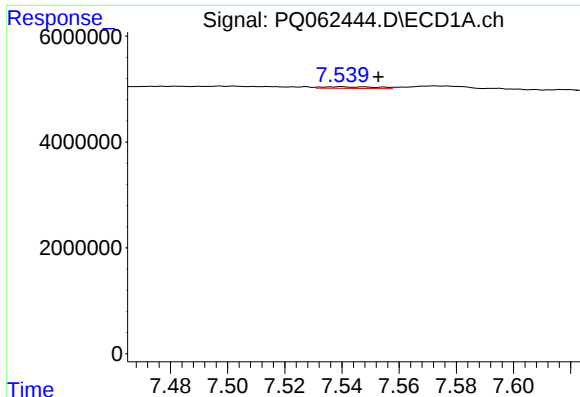
#38 AR-1262-3

R.T.: 7.482 min
Delta R.T.: 0.003 min
Response: 363237
Conc: 1.03 ng/ml



#38 AR-1262-3

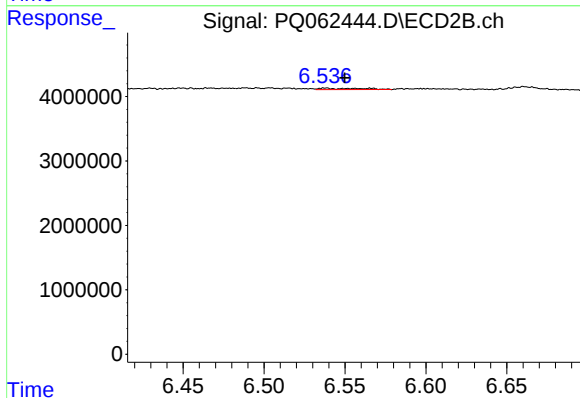
R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 973134
Conc: 5.58 ng/ml



#39 AR-1262-4

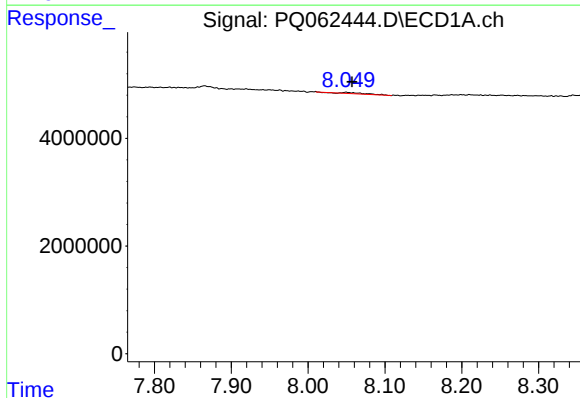
R.T.: 7.540 min
Delta R.T.: -0.013 min
Response: 412603
Conc: 1.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



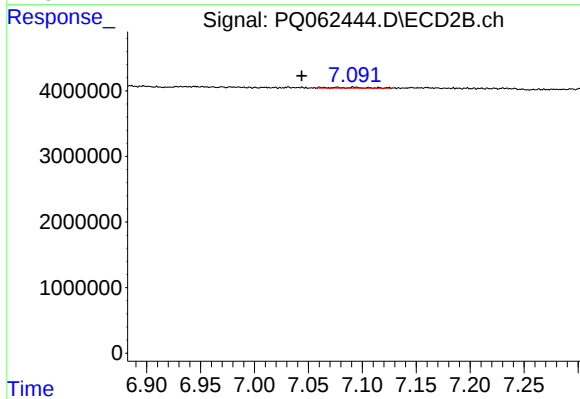
#39 AR-1262-4

R.T.: 6.538 min
Delta R.T.: -0.012 min
Response: 405445
Conc: 1.26 ng/ml



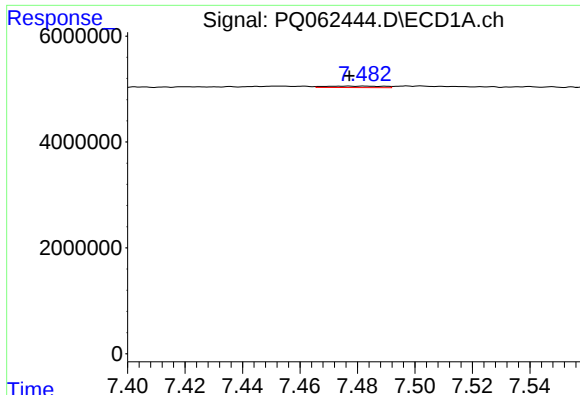
#40 AR-1262-5

R.T.: 8.049 min
Delta R.T.: -0.008 min
Response: 497498
Conc: 2.80 ng/ml



#40 AR-1262-5

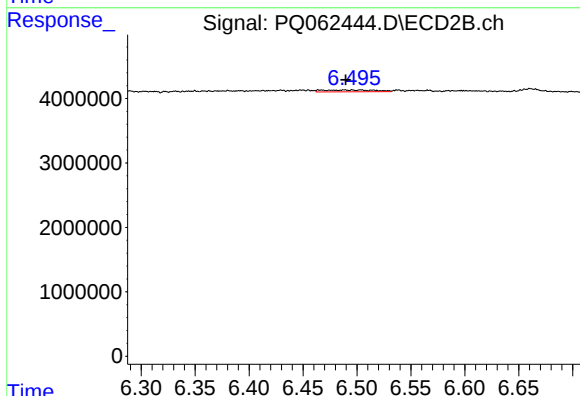
R.T.: 7.077 min
Delta R.T.: 0.033 min
Response: 252773
Conc: 1.63 ng/ml



#41 AR-1268-1

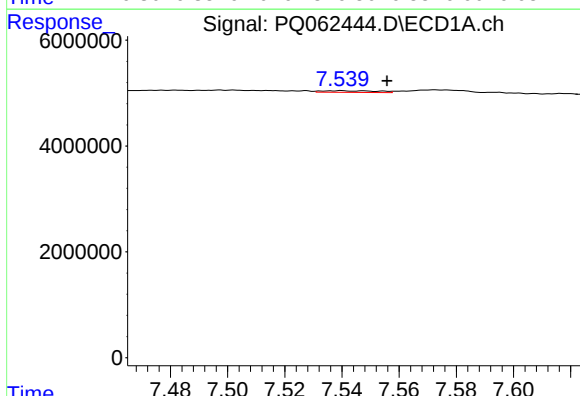
R.T.: 7.482 min
Delta R.T.: 0.005 min
Response: 363237
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



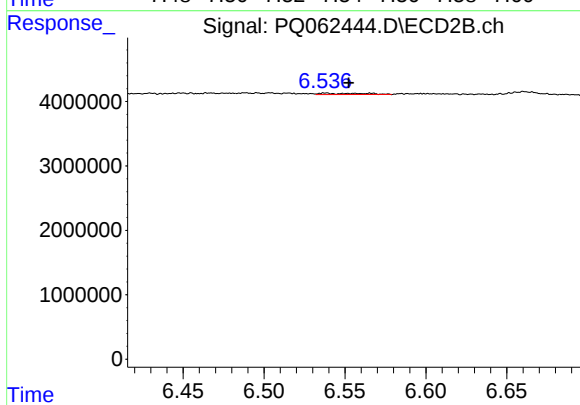
#41 AR-1268-1

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 973134
Conc: 2.07 ng/ml



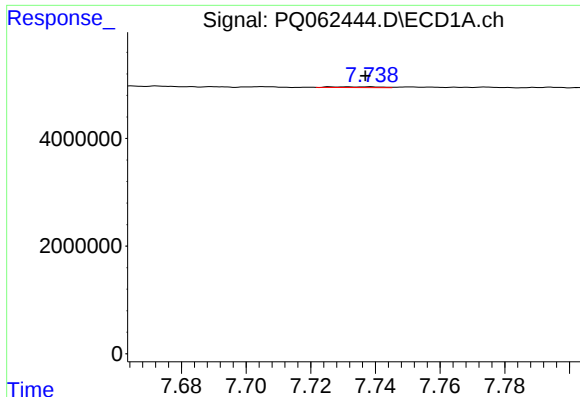
#42 AR-1268-2

R.T.: 7.540 min
Delta R.T.: -0.016 min
Response: 412603
Conc: 0.81 ng/ml



#42 AR-1268-2

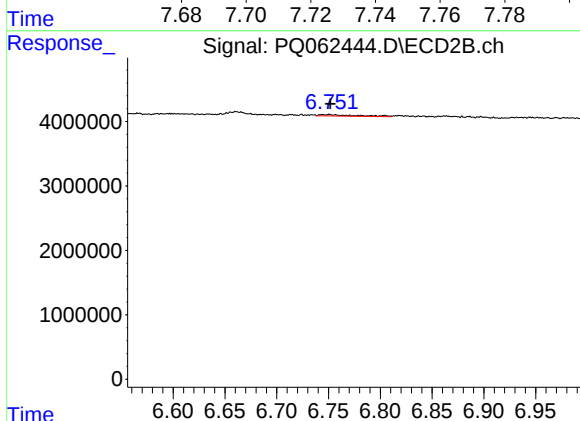
R.T.: 6.538 min
Delta R.T.: -0.014 min
Response: 405445
Conc: 0.96 ng/ml



#43 AR-1268-3

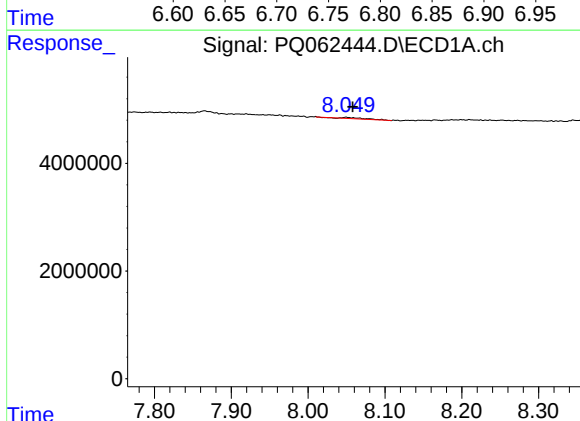
R.T.: 7.738 min
Delta R.T.: 0.001 min
Response: 136254
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



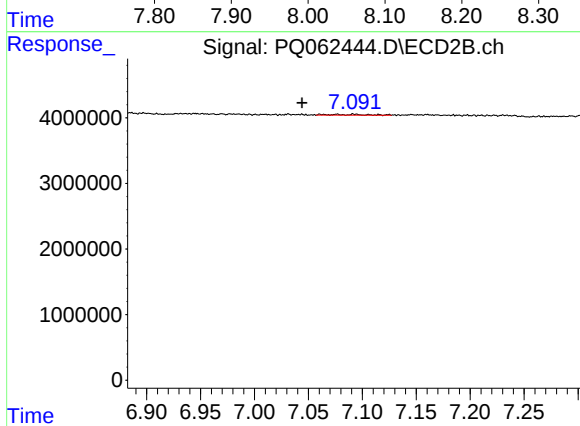
#43 AR-1268-3

R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 516454
Conc: 1.40 ng/ml



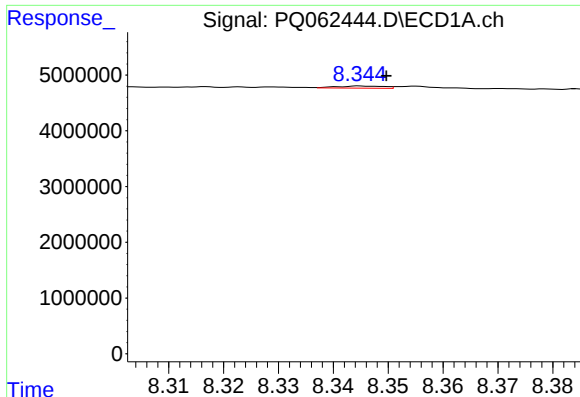
#44 AR-1268-4

R.T.: 8.049 min
Delta R.T.: -0.009 min
Response: 497498
Conc: 2.72 ng/ml



#44 AR-1268-4

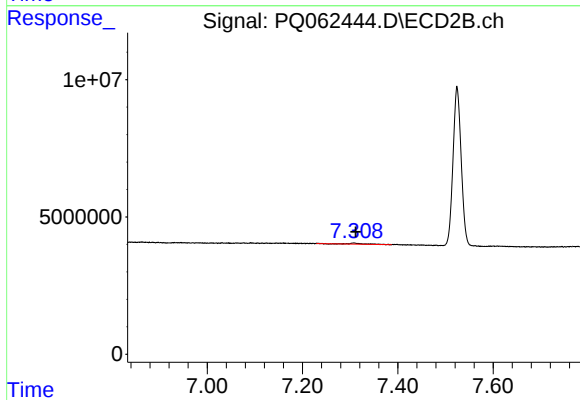
R.T.: 7.077 min
Delta R.T.: 0.033 min
Response: 252773
Conc: 1.58 ng/ml



#45 AR-1268-5

R.T.: 8.345 min
Delta R.T.: -0.004 min
Response: 229965
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 7.308 min
Delta R.T.: -0.004 min
Response: 786065
Conc: 0.67 ng/ml