

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092623\
 Data File : PQ063381.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 19:35
 Operator : YP\AJ
 Sample : 04601-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:42:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 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...	3.463	2.781	94493052	68898711	20.176	19.936
2)	SA Decachlor...	8.697	7.582	64533297	61421363	18.467	17.086
Target Compounds							
3)	L1 AR-1016-1	4.603	3.791	1587083	177188	10.916	1.422 #
4)	L1 AR-1016-2	4.603	3.806	1587083	132304	6.793	0.744 #
5)	L1 AR-1016-3	4.669	3.976	743843	218440	5.176	2.264 #
6)	L1 AR-1016-4	4.762	4.026	1523844	998520	13.359	12.318
7)	L1 AR-1016-5	5.049	4.197	592737	868256	5.044	8.625 #
8)	L2 AR-1221-1	3.648	2.996	2322376	58325	40.592	1.254 #
9)	L2 AR-1221-2	3.744	3.052	1447807	830660	38.297	26.861 #
10)	L2 AR-1221-3	3.807	3.132	357305	354140	2.831	3.324
11)	L3 AR-1232-1	3.807	3.132	357305	354140	3.431	4.073
12)	L3 AR-1232-2	4.325	3.806	6015452	132304	94.571	1.636 #
13)	L3 AR-1232-3	4.603	3.976	1587083	218440	15.145	5.149 #
14)	L3 AR-1232-4	4.762	4.055	1523844	278194	30.664	7.587 #
15)	L3 AR-1232-5	4.873f	4.197	296852	868256	7.816	20.127 #
16)	L4 AR-1242-1	4.603	3.791	1587083	177188	12.035	1.624 #
17)	L4 AR-1242-2	4.603	3.806	1587083	132304	7.670	0.851 #
18)	L4 AR-1242-3	4.669	3.976	743843	218440	5.867	2.604 #
19)	L4 AR-1242-4	4.762	4.055	1523844	278194	14.774	3.472 #
20)	L4 AR-1242-5	5.487	4.542	2913791	603600	26.644	5.768 #
21)	L5 AR-1248-1	4.603	3.791	1587083	177188	16.150	2.208 #
22)	L5 AR-1248-2	4.873f	4.026	296852	998520	2.076	8.340 #
23)	L5 AR-1248-3	5.049	4.055	592737	278194	3.446	2.426 #
24)	L5 AR-1248-4	5.398f	4.197	1821099	868256	9.525	6.158 #
25)	L5 AR-1248-5	5.487	4.586	2913791	1709925	15.662	12.374
26)	L6 AR-1254-1	5.398	4.542	1821099	603600	9.055	2.863 #
27)	L6 AR-1254-2	5.610	4.697	1482269	958882	4.861	5.181
28)	L6 AR-1254-3	5.983	5.096	830556	709635	2.532	2.480
29)	L6 AR-1254-4	6.280	5.312	1129459	508744	4.663	2.748 #
30)	L6 AR-1254-5	6.685	5.711	467817	1436743	1.822	5.561 #
31)	L7 AR-1260-1	6.141	5.218	1487112	1361543	6.182	6.743
32)	L7 AR-1260-2	6.410	5.398	1086552	399677	3.835	1.633 #
33)	L7 AR-1260-3	6.727f	5.555	260026	1926074	1.279	8.145 #
34)	L7 AR-1260-4	6.989	6.038	1772235	1732658	7.435	9.075
35)	L7 AR-1260-5	7.326f	6.257	7618010	1053884	17.016	2.407 #
36)	L8 AR-1262-1	6.727f	5.811	260026	154071	0.835	1.464 #
37)	L8 AR-1262-2	7.326f	6.038f	7618010	1732658	14.673	7.463 #
38)	L8 AR-1262-3	7.576	6.552	205237	6423481	0.593	33.442 #
39)	L8 AR-1262-4	7.669	6.552f	764922	6423481	2.810	18.369 #
41)	L9 AR-1268-1	7.576	6.552	205237	6423481	0.332	11.456 #
42)	L9 AR-1268-2	7.669	0.000	764922	0	1.336	N.D. #

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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
43) L9	AR-1268-3	7.832	6.800	840873	1180761	1.724	2.770 #
45) L9	AR-1268-5	8.450	7.362	935060	2019831	0.655	1.536 #

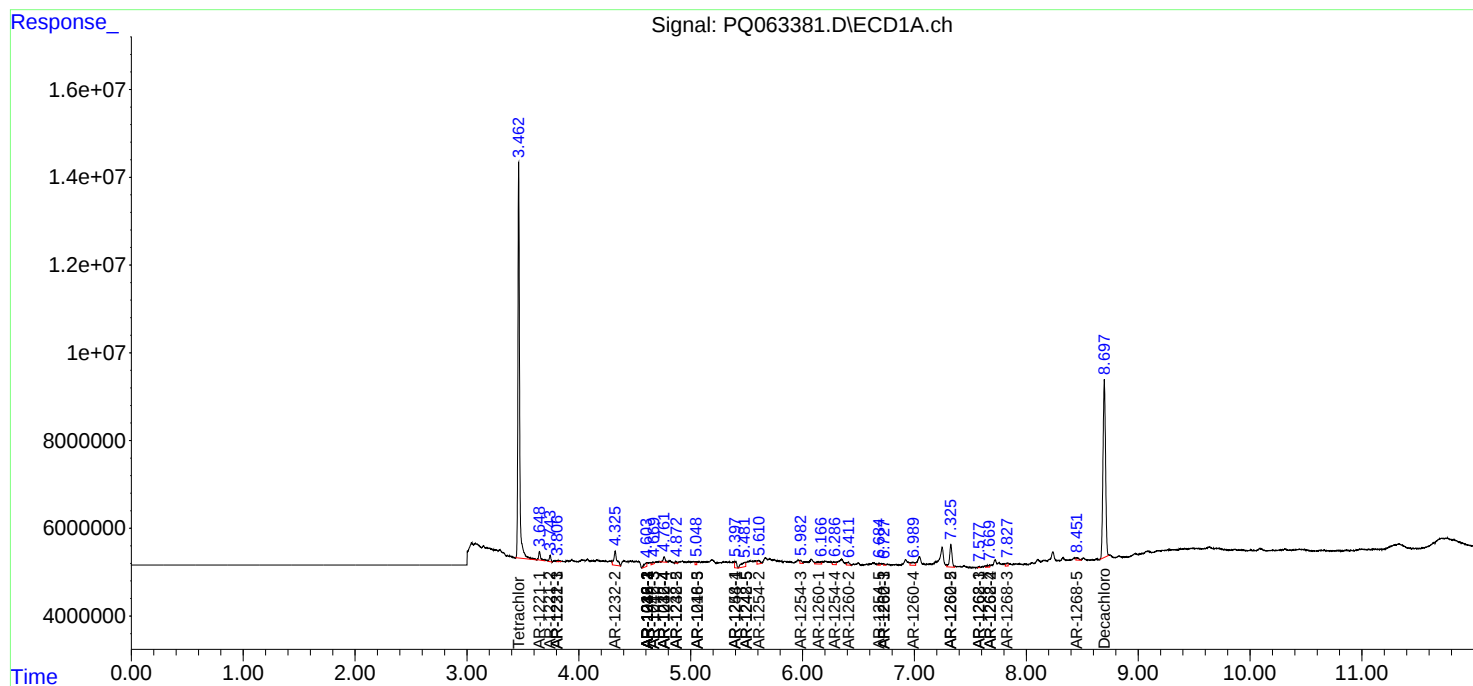
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

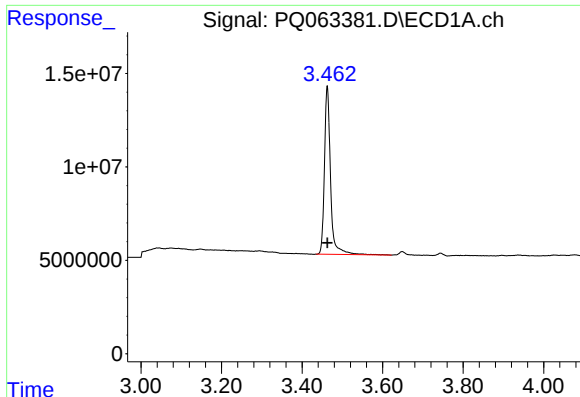
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092623\
Data File : PQ063381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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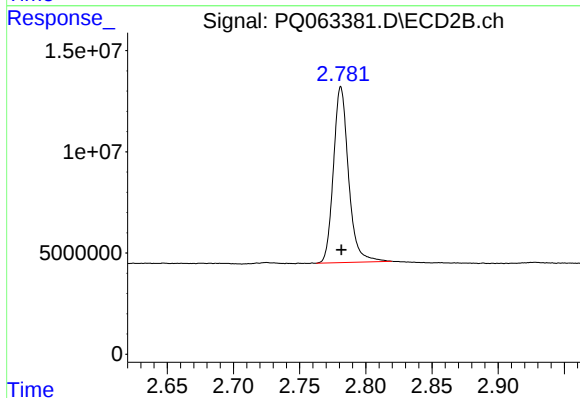




#1 Tetrachloro-m-xylene

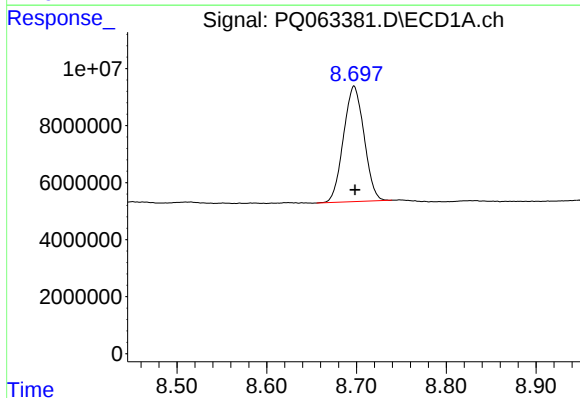
R.T.: 3.463 min
Delta R.T.: 0.000 min
Response: 94493052
Conc: 20.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



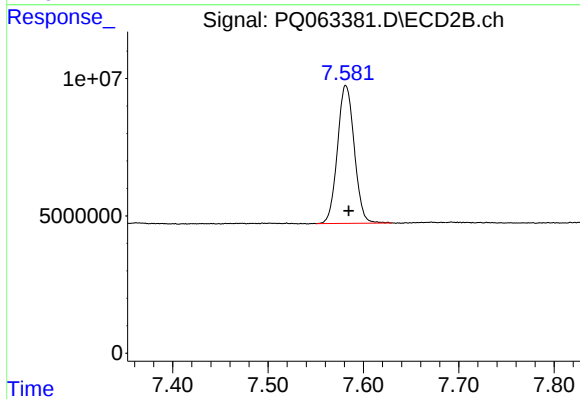
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 68898711
Conc: 19.94 ng/ml



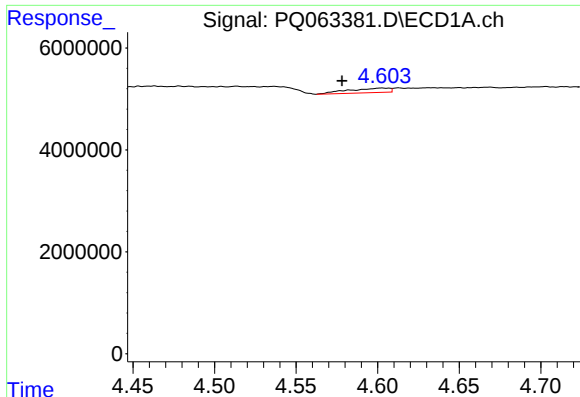
#2 Decachlorobiphenyl

R.T.: 8.697 min
Delta R.T.: -0.001 min
Response: 64533297
Conc: 18.47 ng/ml



#2 Decachlorobiphenyl

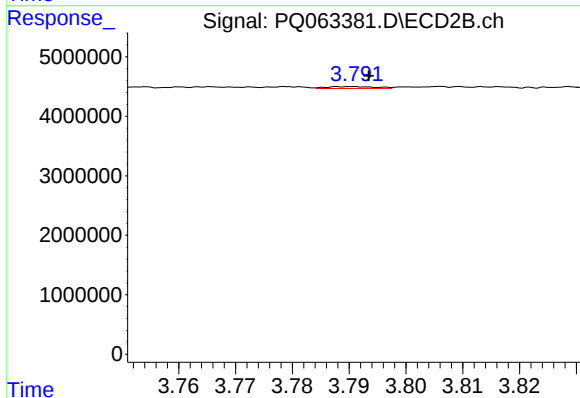
R.T.: 7.582 min
Delta R.T.: -0.003 min
Response: 61421363
Conc: 17.09 ng/ml



#3 AR-1016-1

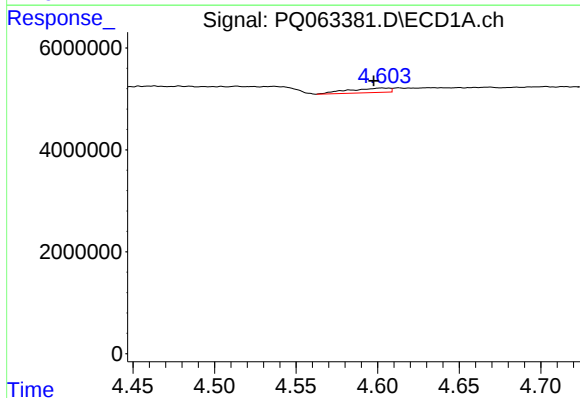
R.T.: 4.603 min
Delta R.T.: 0.024 min
Response: 1587083
Conc: 10.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



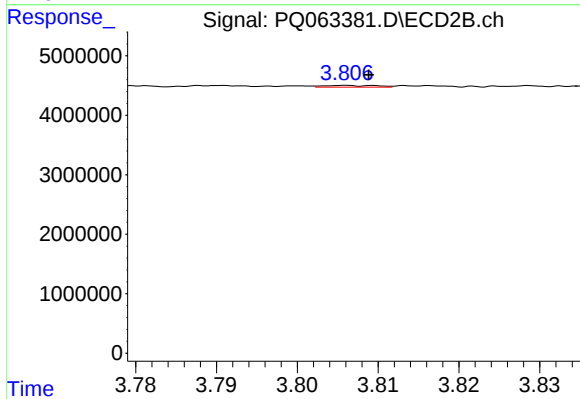
#3 AR-1016-1

R.T.: 3.791 min
Delta R.T.: -0.003 min
Response: 177188
Conc: 1.42 ng/ml



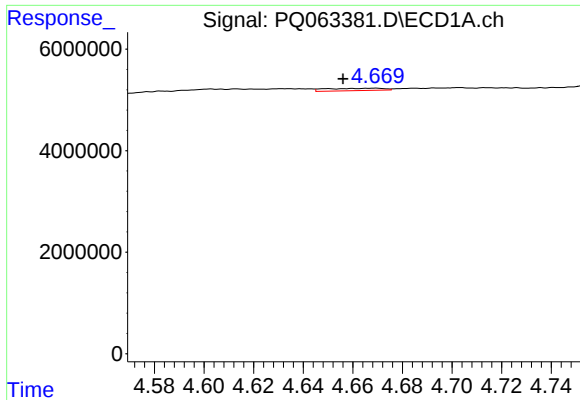
#4 AR-1016-2

R.T.: 4.603 min
Delta R.T.: 0.005 min
Response: 1587083
Conc: 6.79 ng/ml



#4 AR-1016-2

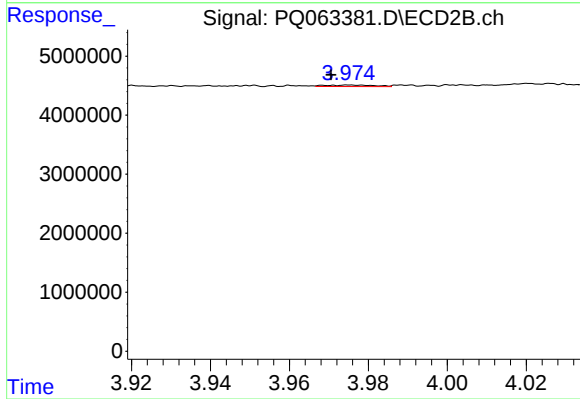
R.T.: 3.806 min
Delta R.T.: -0.003 min
Response: 132304
Conc: 0.74 ng/ml



#5 AR-1016-3

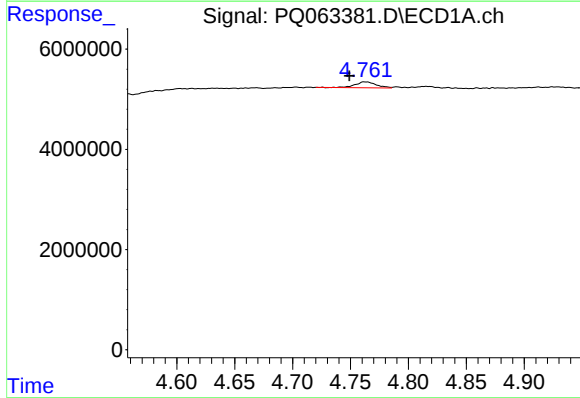
R.T.: 4.669 min
Delta R.T.: 0.013 min
Response: 743843
Conc: 5.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



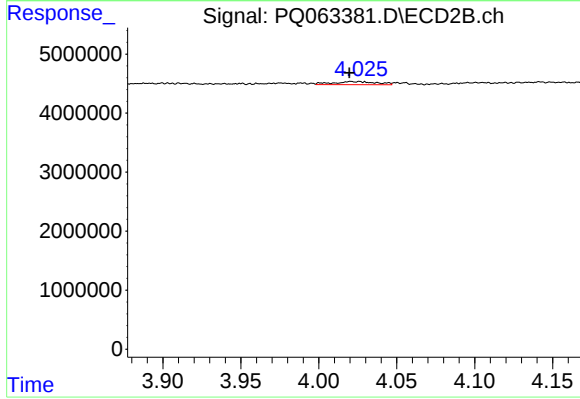
#5 AR-1016-3

R.T.: 3.976 min
Delta R.T.: 0.005 min
Response: 218440
Conc: 2.26 ng/ml



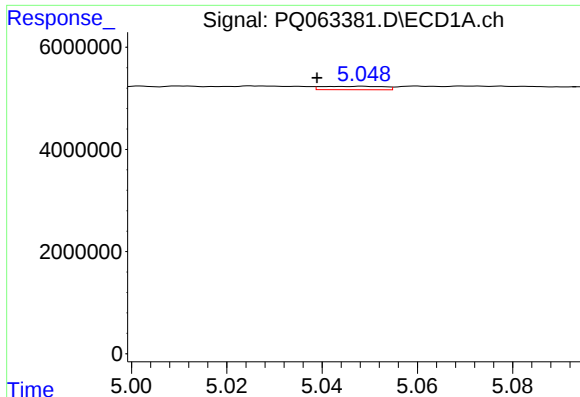
#6 AR-1016-4

R.T.: 4.762 min
Delta R.T.: 0.013 min
Response: 1523844
Conc: 13.36 ng/ml



#6 AR-1016-4

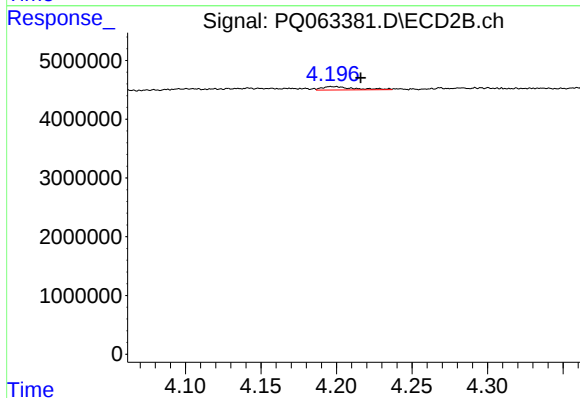
R.T.: 4.026 min
Delta R.T.: 0.006 min
Response: 998520
Conc: 12.32 ng/ml



#7 AR-1016-5

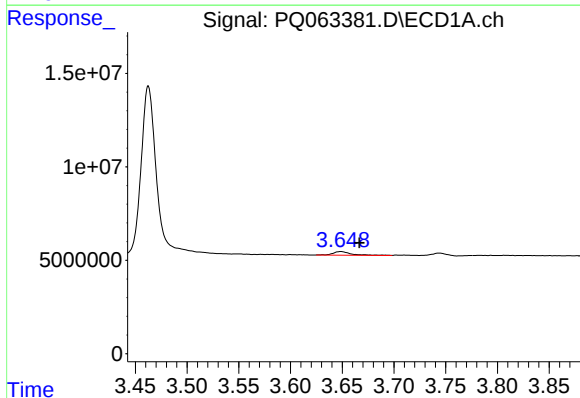
R.T.: 5.049 min
Delta R.T.: 0.010 min
Response: 592737
Conc: 5.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



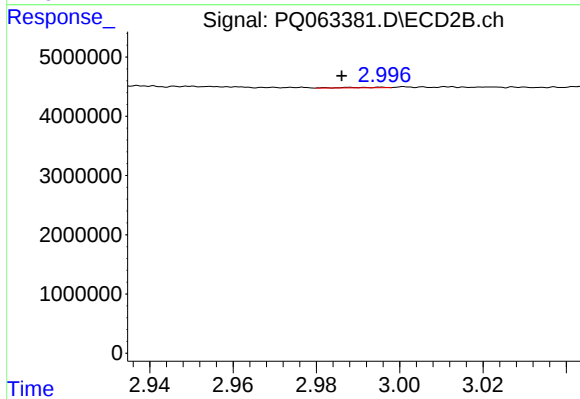
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: -0.019 min
Response: 868256
Conc: 8.63 ng/ml



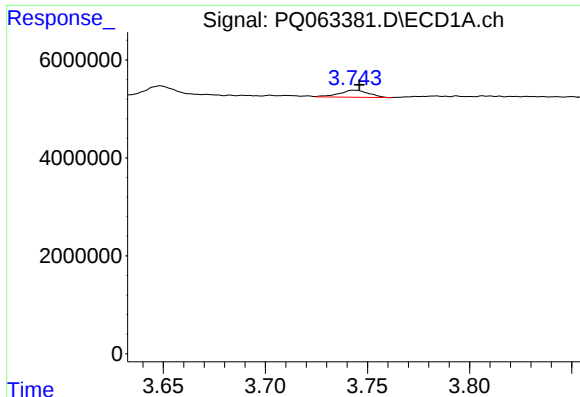
#8 AR-1221-1

R.T.: 3.648 min
Delta R.T.: -0.018 min
Response: 2322376
Conc: 40.59 ng/ml



#8 AR-1221-1

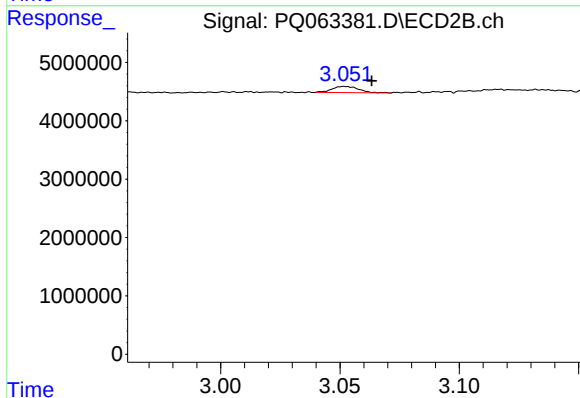
R.T.: 2.996 min
Delta R.T.: 0.010 min
Response: 58325
Conc: 1.25 ng/ml



#9 AR-1221-2

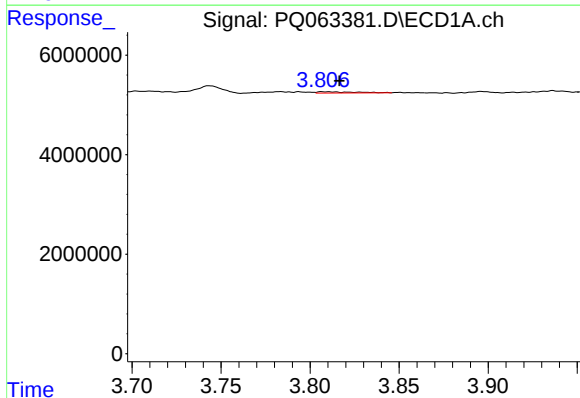
R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 1447807
Conc: 38.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



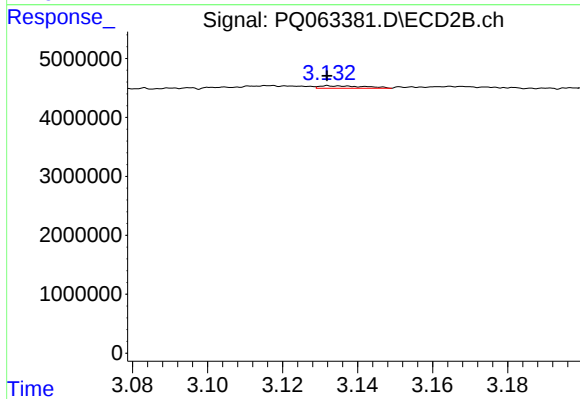
#9 AR-1221-2

R.T.: 3.052 min
Delta R.T.: -0.011 min
Response: 830660
Conc: 26.86 ng/ml



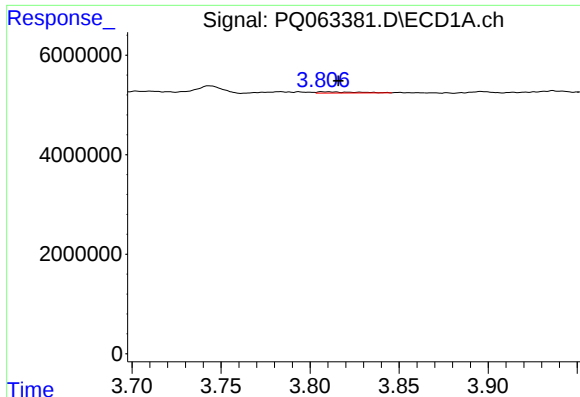
#10 AR-1221-3

R.T.: 3.807 min
Delta R.T.: -0.009 min
Response: 357305
Conc: 2.83 ng/ml



#10 AR-1221-3

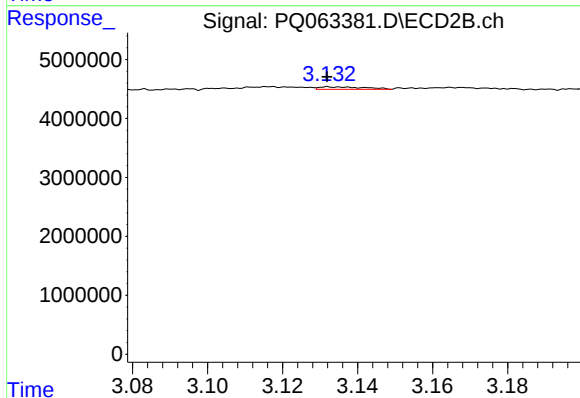
R.T.: 3.132 min
Delta R.T.: 0.000 min
Response: 354140
Conc: 3.32 ng/ml



#11 AR-1232-1

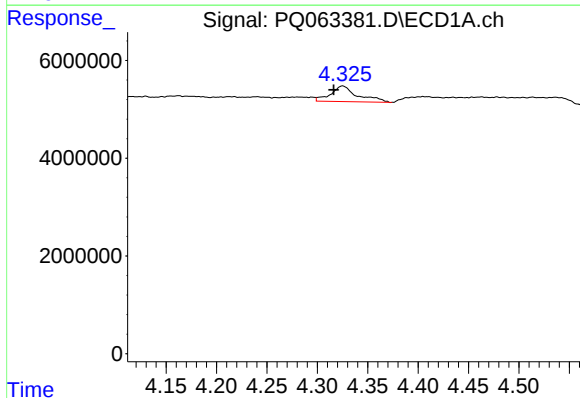
R.T.: 3.807 min
Delta R.T.: -0.009 min
Response: 357305
Conc: 3.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



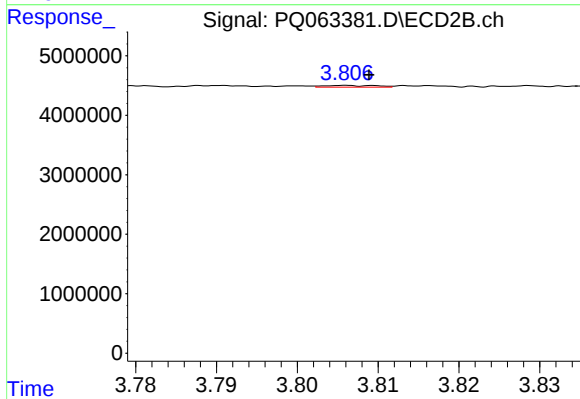
#11 AR-1232-1

R.T.: 3.132 min
Delta R.T.: 0.000 min
Response: 354140
Conc: 4.07 ng/ml



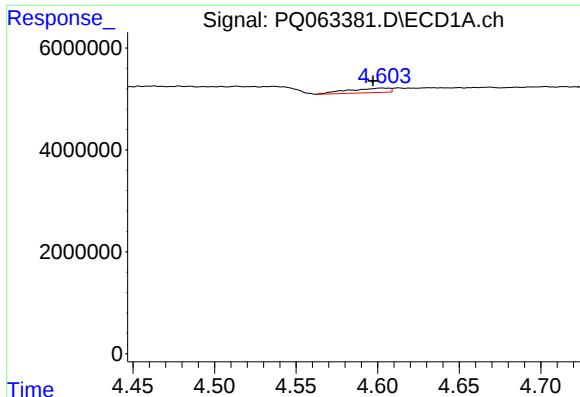
#12 AR-1232-2

R.T.: 4.325 min
Delta R.T.: 0.009 min
Response: 6015452
Conc: 94.57 ng/ml



#12 AR-1232-2

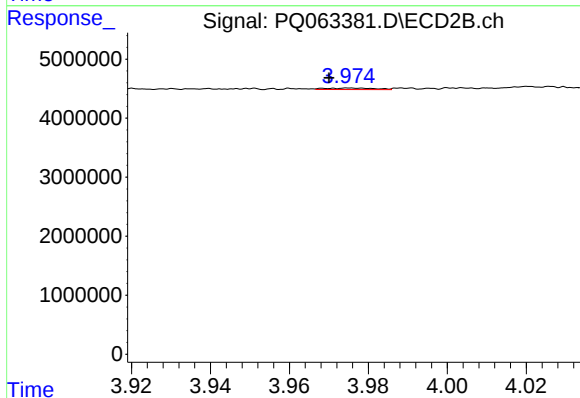
R.T.: 3.806 min
Delta R.T.: -0.003 min
Response: 132304
Conc: 1.64 ng/ml



#13 AR-1232-3

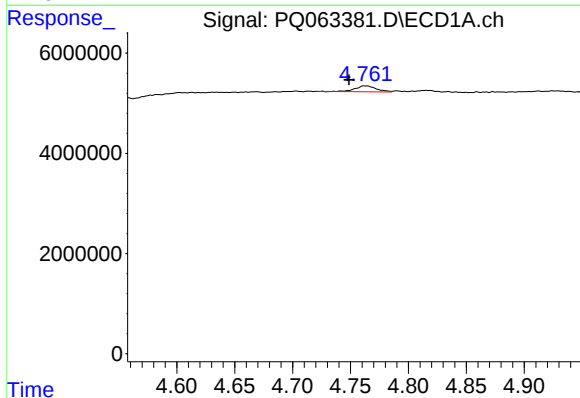
R.T.: 4.603 min
Delta R.T.: 0.005 min
Response: 1587083
Conc: 15.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



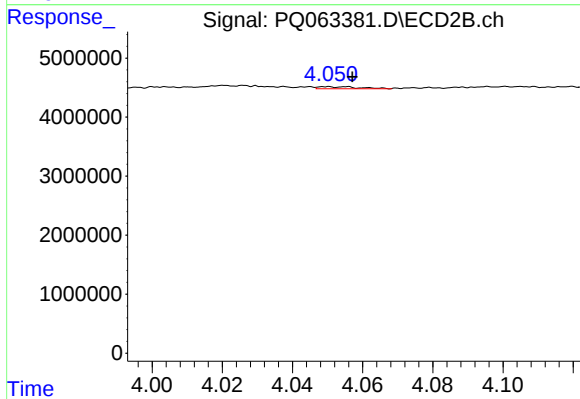
#13 AR-1232-3

R.T.: 3.976 min
Delta R.T.: 0.006 min
Response: 218440
Conc: 5.15 ng/ml



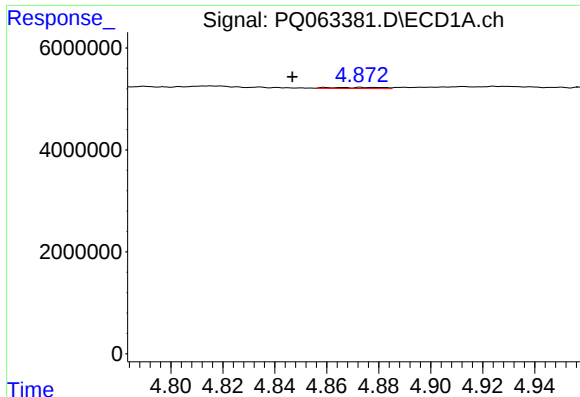
#14 AR-1232-4

R.T.: 4.762 min
Delta R.T.: 0.014 min
Response: 1523844
Conc: 30.66 ng/ml



#14 AR-1232-4

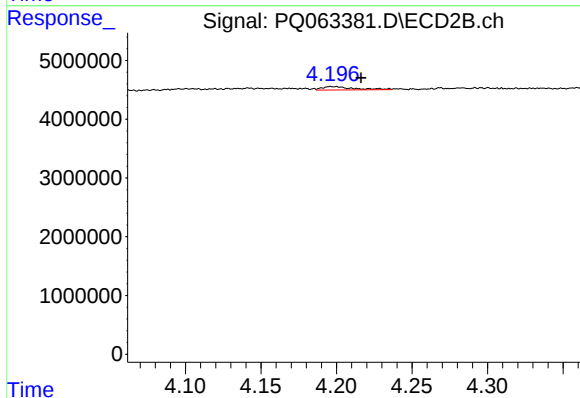
R.T.: 4.055 min
Delta R.T.: -0.002 min
Response: 278194
Conc: 7.59 ng/ml



#15 AR-1232-5

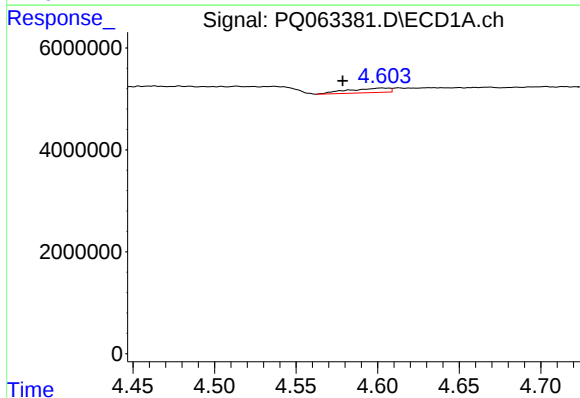
R.T.: 4.873 min
Delta R.T.: 0.027 min
Response: 296852
Conc: 7.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



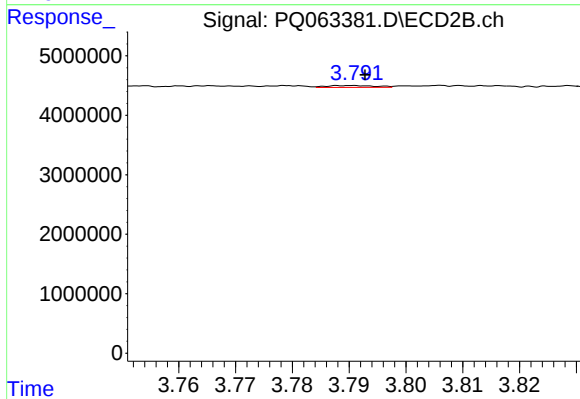
#15 AR-1232-5

R.T.: 4.197 min
Delta R.T.: -0.020 min
Response: 868256
Conc: 20.13 ng/ml



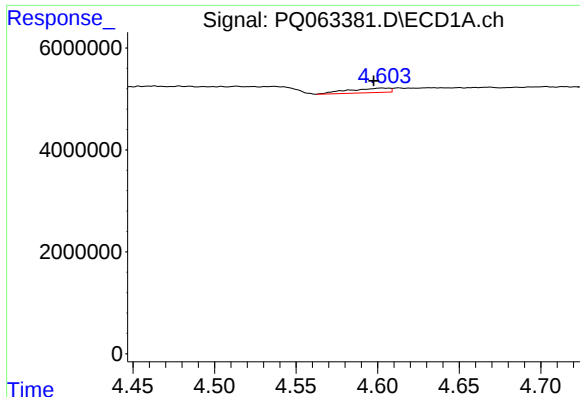
#16 AR-1242-1

R.T.: 4.603 min
Delta R.T.: 0.024 min
Response: 1587083
Conc: 12.03 ng/ml



#16 AR-1242-1

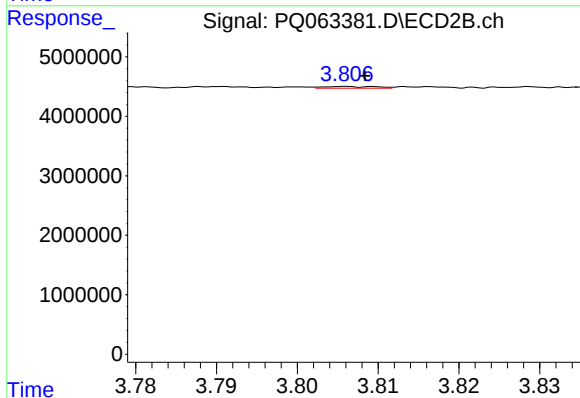
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 177188
Conc: 1.62 ng/ml



#17 AR-1242-2

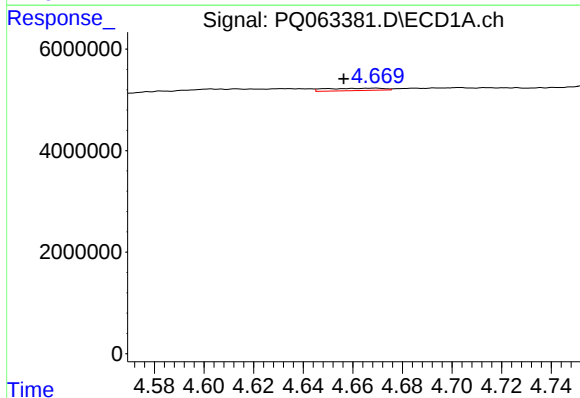
R.T.: 4.603 min
Delta R.T.: 0.005 min
Response: 1587083
Conc: 7.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



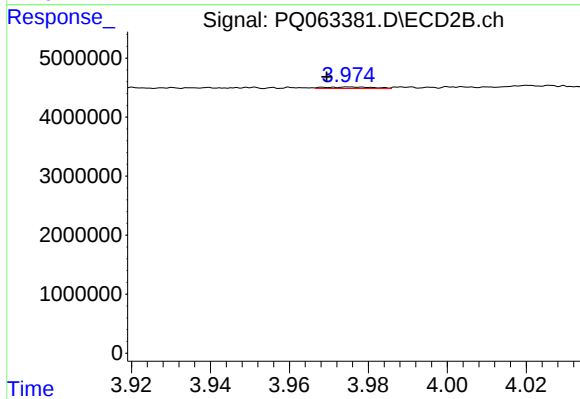
#17 AR-1242-2

R.T.: 3.806 min
Delta R.T.: -0.002 min
Response: 132304
Conc: 0.85 ng/ml



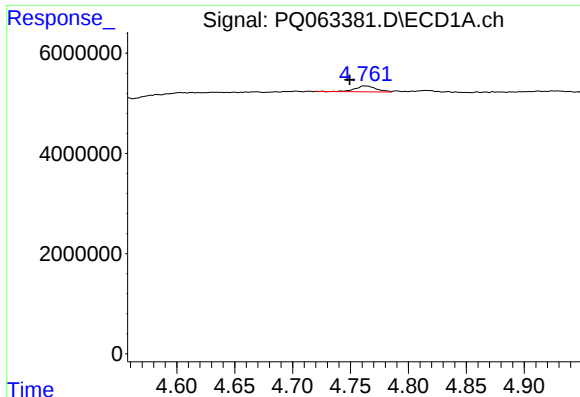
#18 AR-1242-3

R.T.: 4.669 min
Delta R.T.: 0.012 min
Response: 743843
Conc: 5.87 ng/ml



#18 AR-1242-3

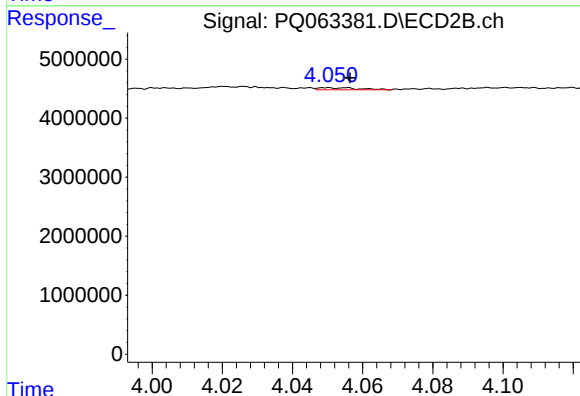
R.T.: 3.976 min
Delta R.T.: 0.006 min
Response: 218440
Conc: 2.60 ng/ml



#19 AR-1242-4

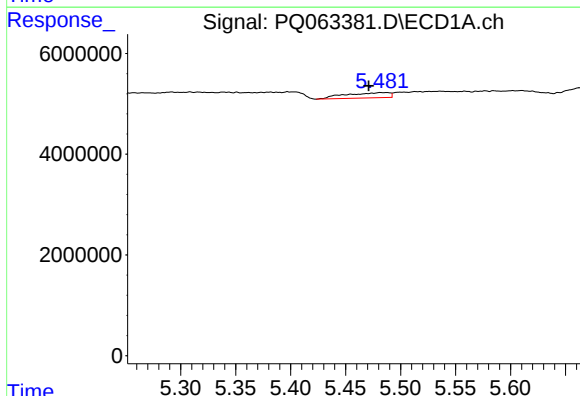
R.T.: 4.762 min
Delta R.T.: 0.013 min
Response: 1523844
Conc: 14.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



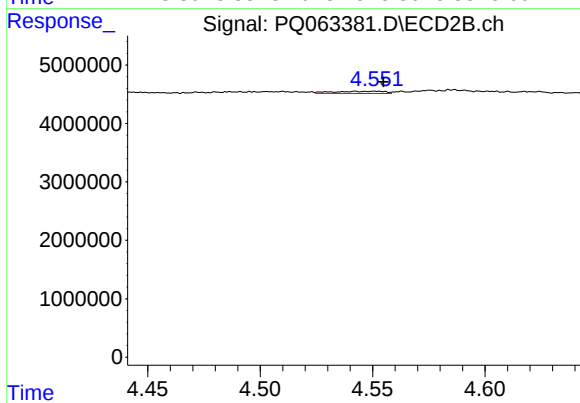
#19 AR-1242-4

R.T.: 4.055 min
Delta R.T.: -0.001 min
Response: 278194
Conc: 3.47 ng/ml



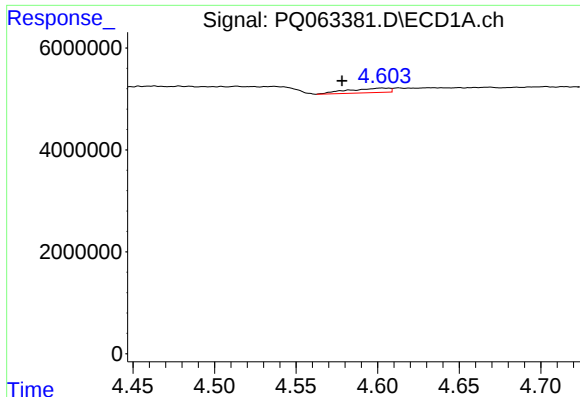
#20 AR-1242-5

R.T.: 5.487 min
Delta R.T.: 0.016 min
Response: 2913791
Conc: 26.64 ng/ml



#20 AR-1242-5

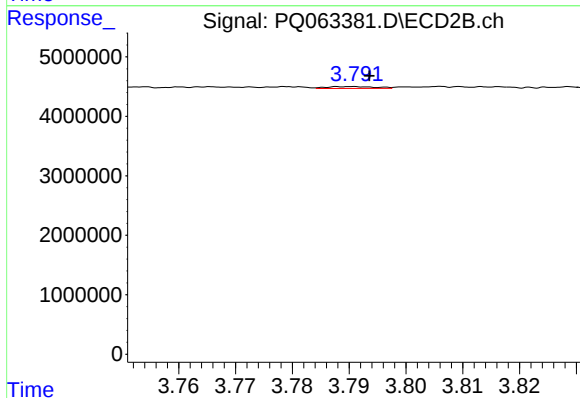
R.T.: 4.542 min
Delta R.T.: -0.012 min
Response: 603600
Conc: 5.77 ng/ml



#21 AR-1248-1

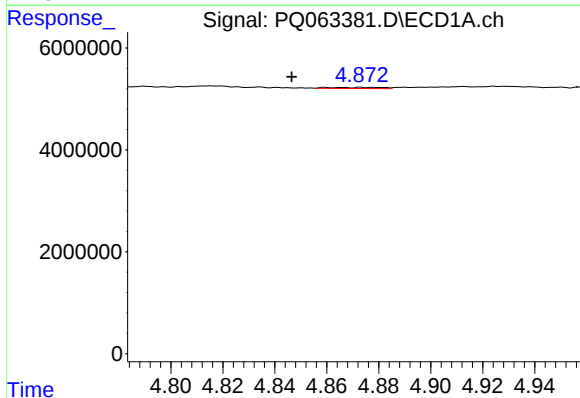
R.T.: 4.603 min
Delta R.T.: 0.024 min
Response: 1587083
Conc: 16.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



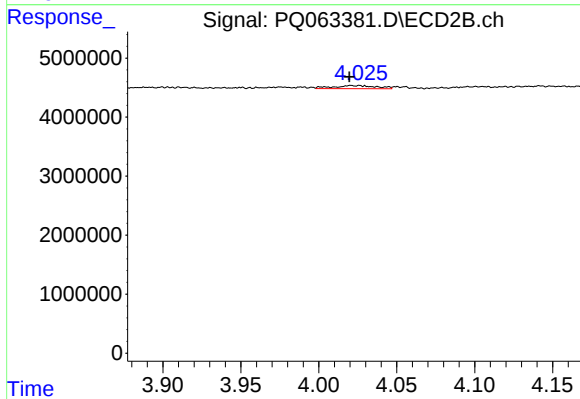
#21 AR-1248-1

R.T.: 3.791 min
Delta R.T.: -0.003 min
Response: 177188
Conc: 2.21 ng/ml



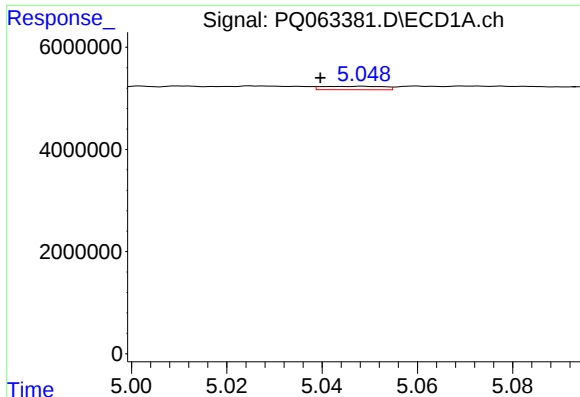
#22 AR-1248-2

R.T.: 4.873 min
Delta R.T.: 0.027 min
Response: 296852
Conc: 2.08 ng/ml



#22 AR-1248-2

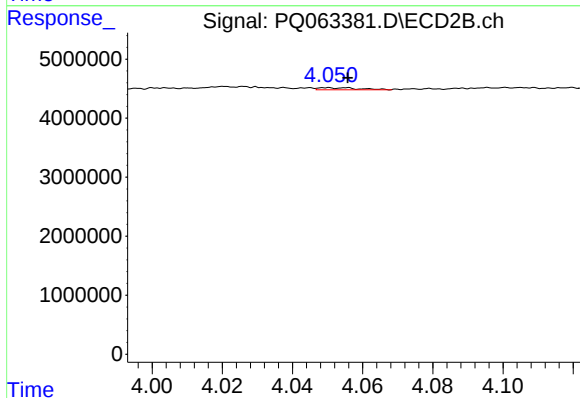
R.T.: 4.026 min
Delta R.T.: 0.006 min
Response: 998520
Conc: 8.34 ng/ml



#23 AR-1248-3

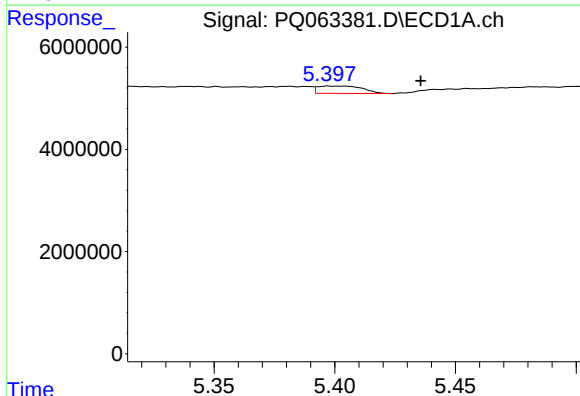
R.T.: 5.049 min
Delta R.T.: 0.009 min
Response: 592737
Conc: 3.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



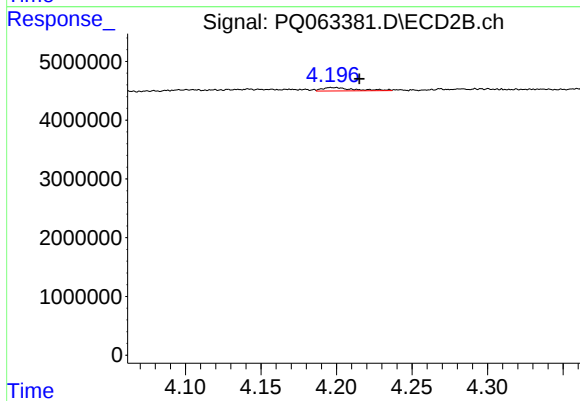
#23 AR-1248-3

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 278194
Conc: 2.43 ng/ml



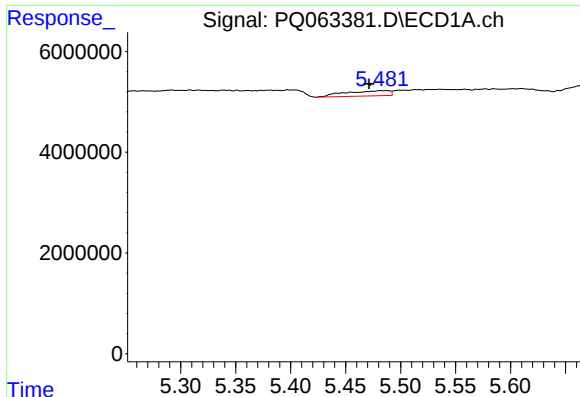
#24 AR-1248-4

R.T.: 5.398 min
Delta R.T.: -0.038 min
Response: 1821099
Conc: 9.53 ng/ml



#24 AR-1248-4

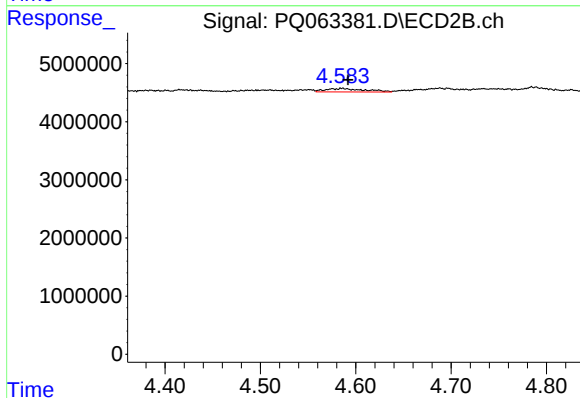
R.T.: 4.197 min
Delta R.T.: -0.019 min
Response: 868256
Conc: 6.16 ng/ml



#25 AR-1248-5

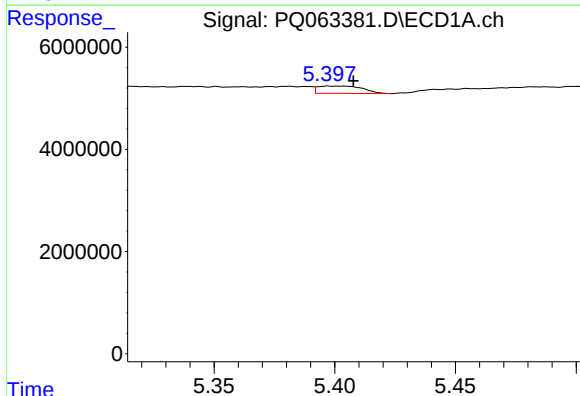
R.T.: 5.487 min
Delta R.T.: 0.016 min
Response: 2913791
Conc: 15.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



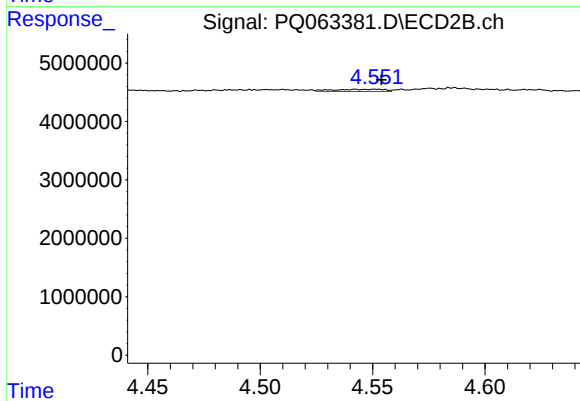
#25 AR-1248-5

R.T.: 4.586 min
Delta R.T.: -0.006 min
Response: 1709925
Conc: 12.37 ng/ml



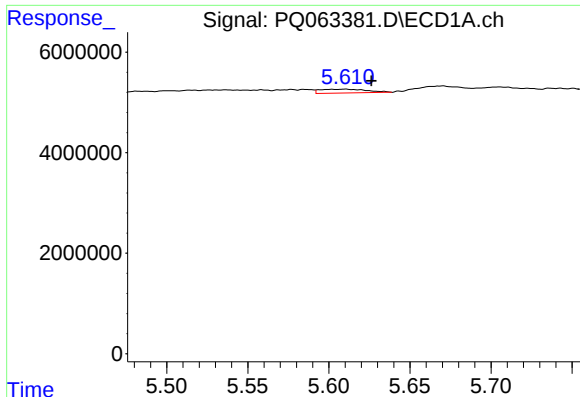
#26 AR-1254-1

R.T.: 5.398 min
Delta R.T.: -0.010 min
Response: 1821099
Conc: 9.06 ng/ml



#26 AR-1254-1

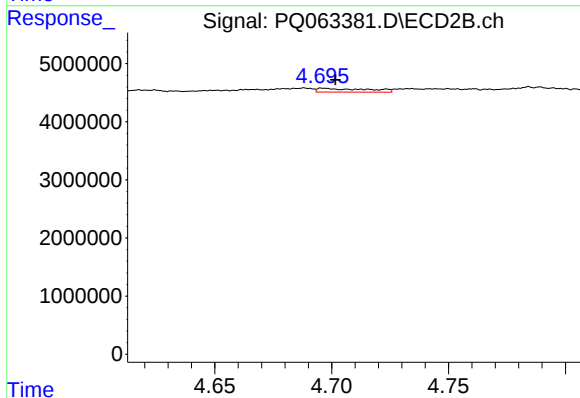
R.T.: 4.542 min
Delta R.T.: -0.011 min
Response: 603600
Conc: 2.86 ng/ml



#27 AR-1254-2

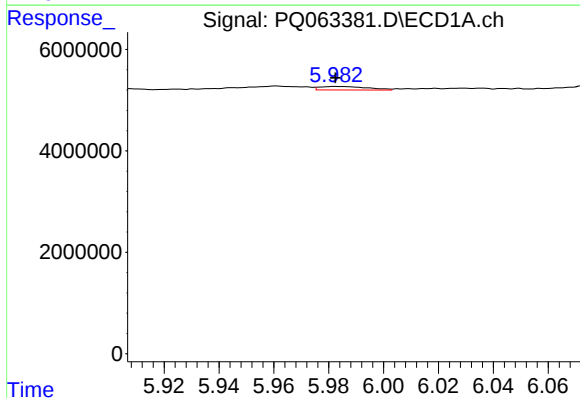
R.T.: 5.610 min
Delta R.T.: -0.016 min
Response: 1482269
Conc: 4.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



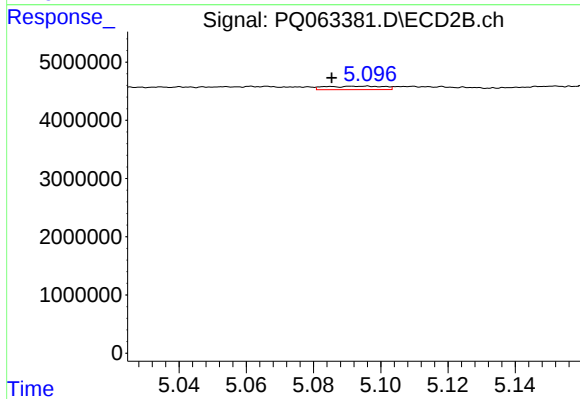
#27 AR-1254-2

R.T.: 4.697 min
Delta R.T.: -0.005 min
Response: 958882
Conc: 5.18 ng/ml



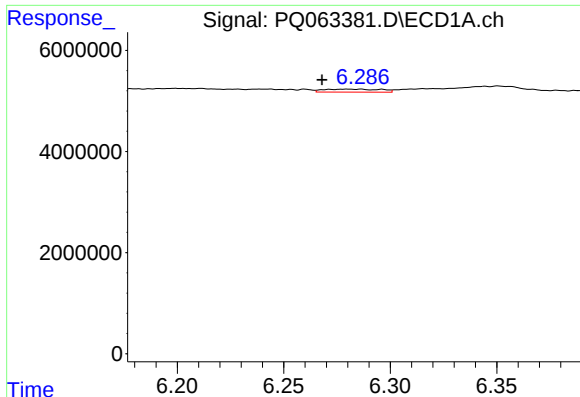
#28 AR-1254-3

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 830556
Conc: 2.53 ng/ml



#28 AR-1254-3

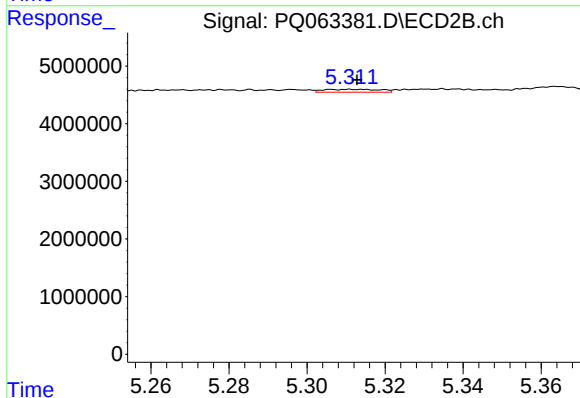
R.T.: 5.096 min
Delta R.T.: 0.010 min
Response: 709635
Conc: 2.48 ng/ml



#29 AR-1254-4

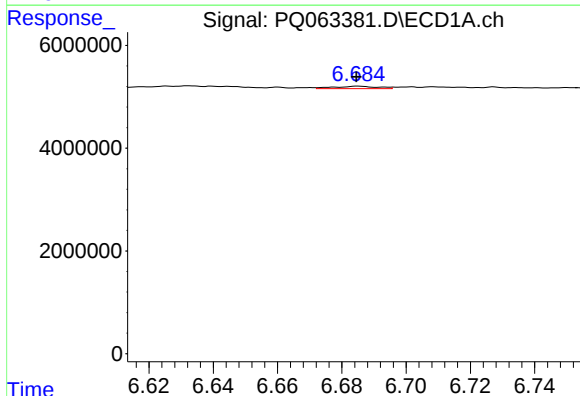
R.T.: 6.280 min
Delta R.T.: 0.012 min
Response: 1129459
Conc: 4.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



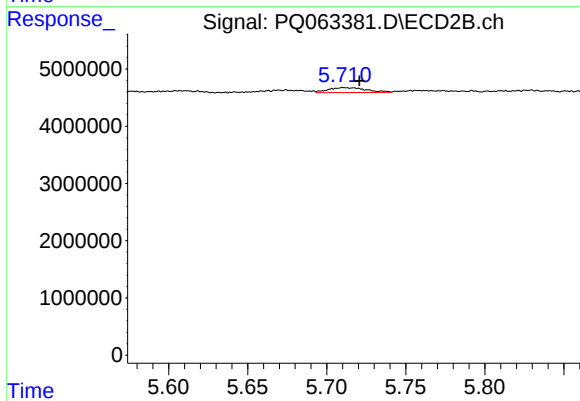
#29 AR-1254-4

R.T.: 5.312 min
Delta R.T.: -0.001 min
Response: 508744
Conc: 2.75 ng/ml



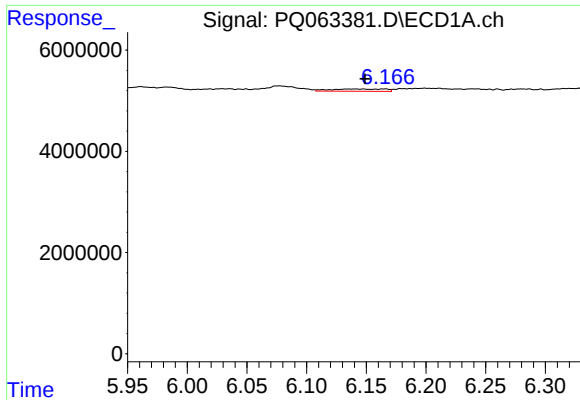
#30 AR-1254-5

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 467817
Conc: 1.82 ng/ml



#30 AR-1254-5

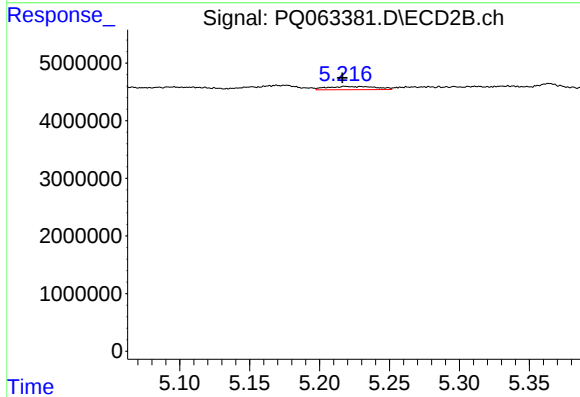
R.T.: 5.711 min
Delta R.T.: -0.010 min
Response: 1436743
Conc: 5.56 ng/ml



#31 AR-1260-1

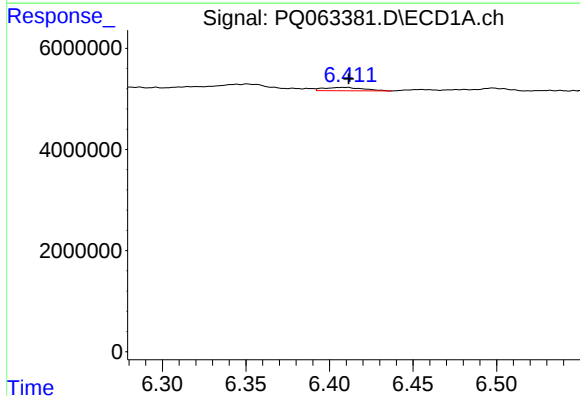
R.T.: 6.141 min
Delta R.T.: -0.008 min
Response: 1487112
Conc: 6.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



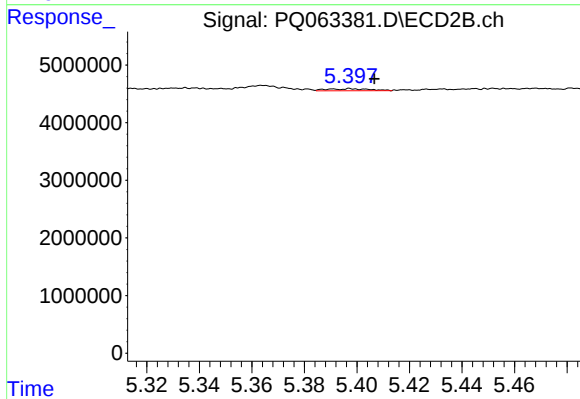
#31 AR-1260-1

R.T.: 5.218 min
Delta R.T.: 0.002 min
Response: 1361543
Conc: 6.74 ng/ml



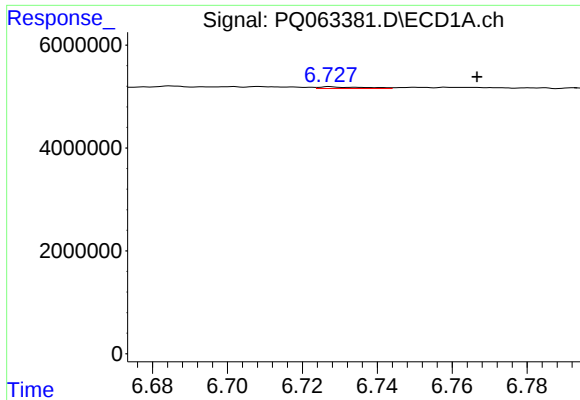
#32 AR-1260-2

R.T.: 6.410 min
Delta R.T.: -0.001 min
Response: 1086552
Conc: 3.83 ng/ml



#32 AR-1260-2

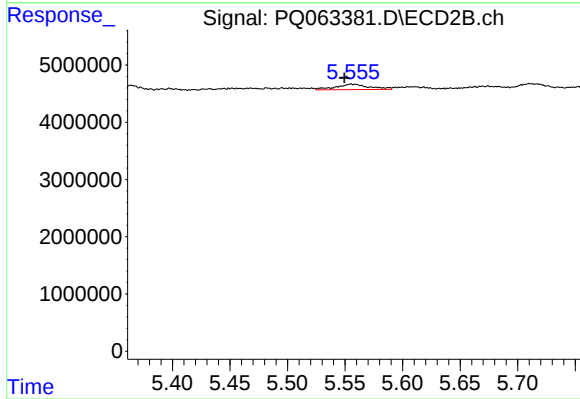
R.T.: 5.398 min
Delta R.T.: -0.009 min
Response: 399677
Conc: 1.63 ng/ml



#33 AR-1260-3

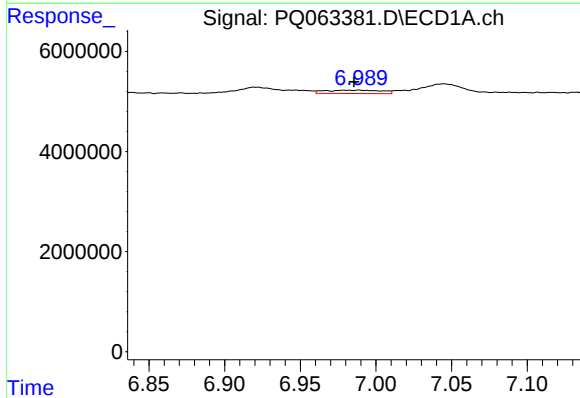
R.T.: 6.727 min
Delta R.T.: -0.039 min
Response: 260026
Conc: 1.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



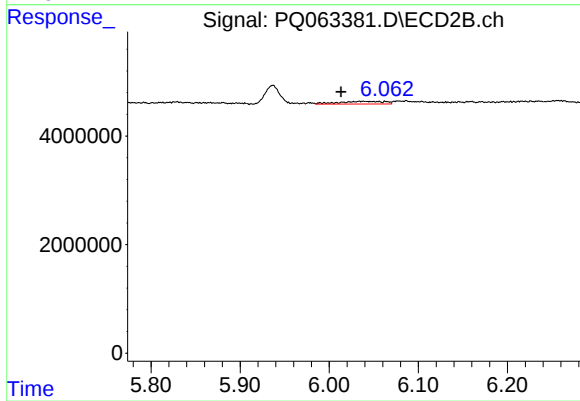
#33 AR-1260-3

R.T.: 5.555 min
Delta R.T.: 0.006 min
Response: 1926074
Conc: 8.14 ng/ml



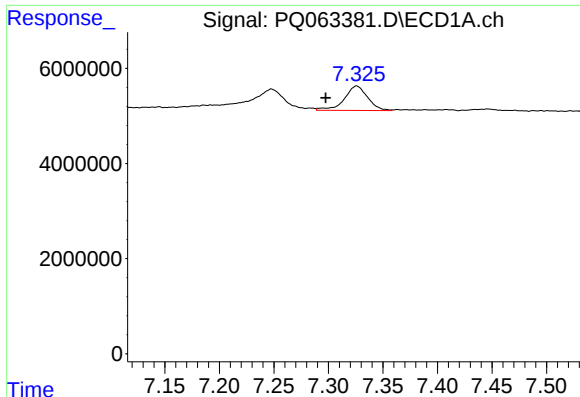
#34 AR-1260-4

R.T.: 6.989 min
Delta R.T.: 0.003 min
Response: 1772235
Conc: 7.43 ng/ml



#34 AR-1260-4

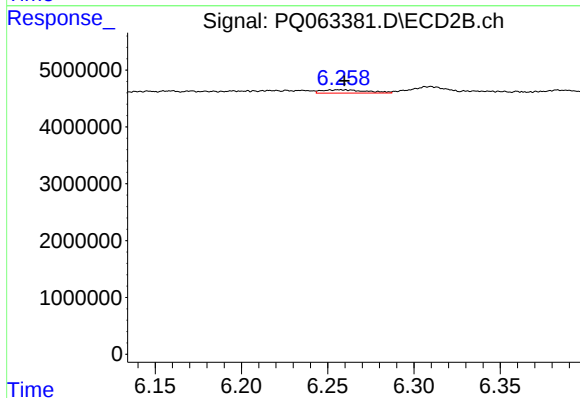
R.T.: 6.038 min
Delta R.T.: 0.025 min
Response: 1732658
Conc: 9.08 ng/ml



#35 AR-1260-5

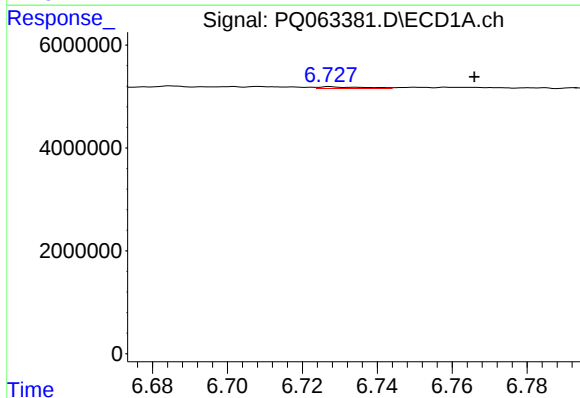
R.T.: 7.326 min
Delta R.T.: 0.028 min
Response: 7618010
Conc: 17.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



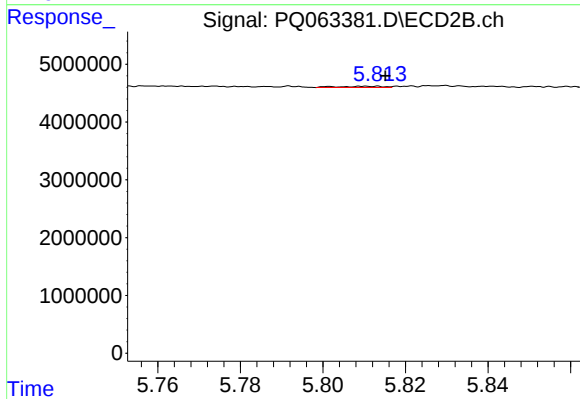
#35 AR-1260-5

R.T.: 6.257 min
Delta R.T.: -0.003 min
Response: 1053884
Conc: 2.41 ng/ml



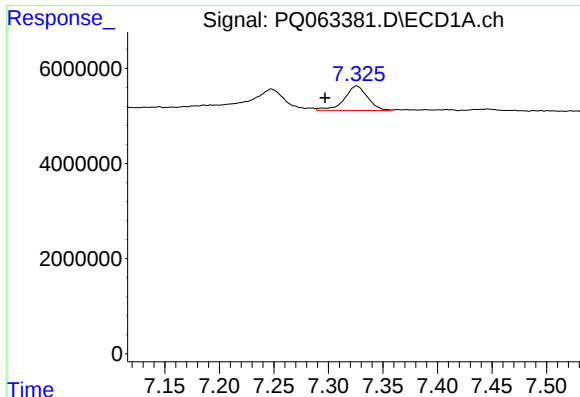
#36 AR-1262-1

R.T.: 6.727 min
Delta R.T.: -0.039 min
Response: 260026
Conc: 0.84 ng/ml



#36 AR-1262-1

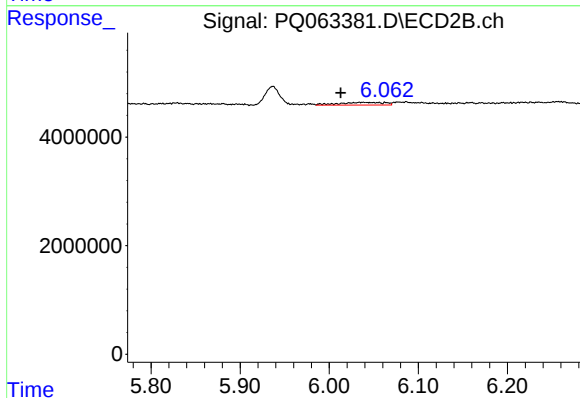
R.T.: 5.811 min
Delta R.T.: -0.004 min
Response: 154071
Conc: 1.46 ng/ml



#37 AR-1262-2

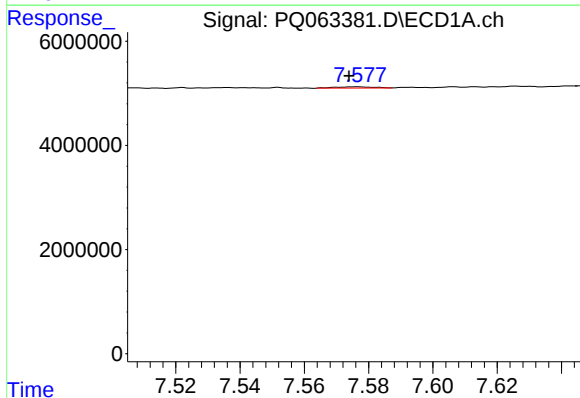
R.T.: 7.326 min
Delta R.T.: 0.029 min
Response: 7618010
Conc: 14.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



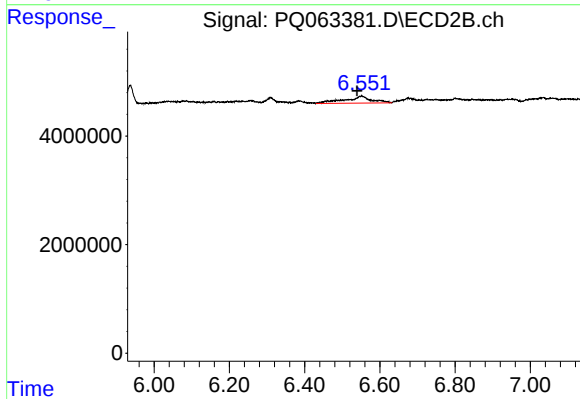
#37 AR-1262-2

R.T.: 6.038 min
Delta R.T.: 0.026 min
Response: 1732658
Conc: 7.46 ng/ml



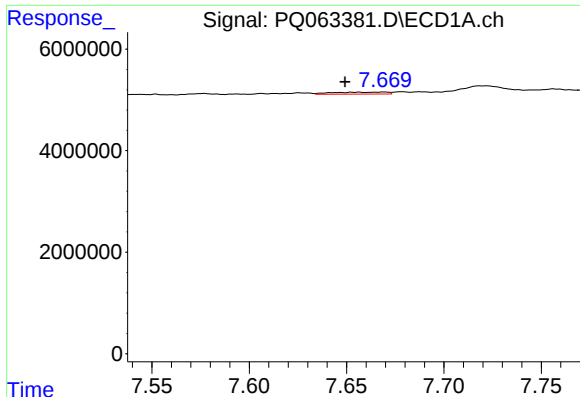
#38 AR-1262-3

R.T.: 7.576 min
Delta R.T.: 0.003 min
Response: 205237
Conc: 0.59 ng/ml



#38 AR-1262-3

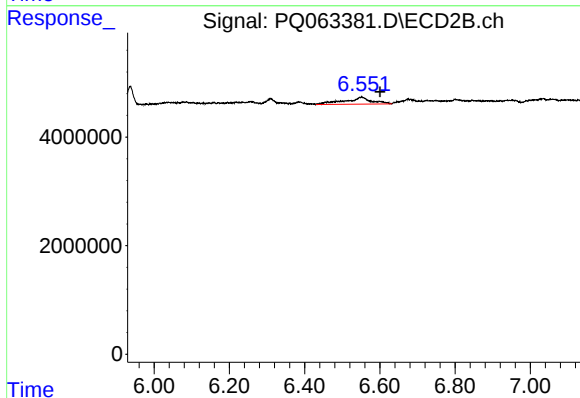
R.T.: 6.552 min
Delta R.T.: 0.013 min
Response: 6423481
Conc: 33.44 ng/ml



#39 AR-1262-4

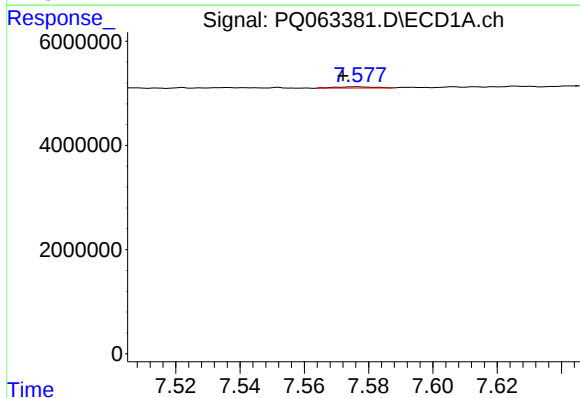
R.T.: 7.669 min
Delta R.T.: 0.020 min
Response: 764922
Conc: 2.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



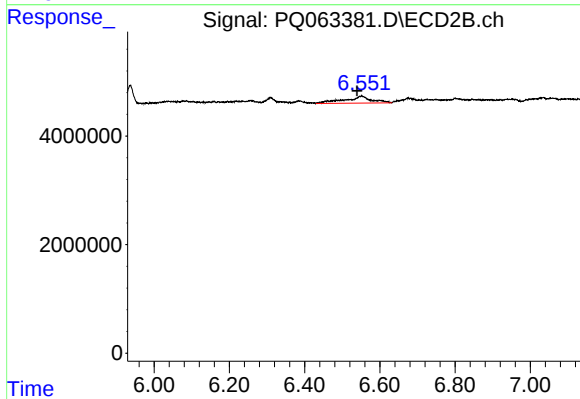
#39 AR-1262-4

R.T.: 6.552 min
Delta R.T.: -0.048 min
Response: 6423481
Conc: 18.37 ng/ml



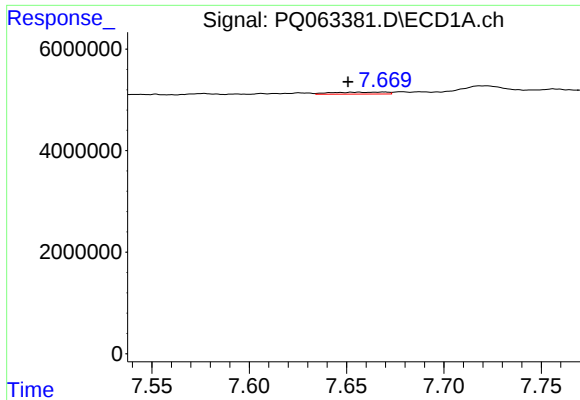
#41 AR-1268-1

R.T.: 7.576 min
Delta R.T.: 0.004 min
Response: 205237
Conc: 0.33 ng/ml



#41 AR-1268-1

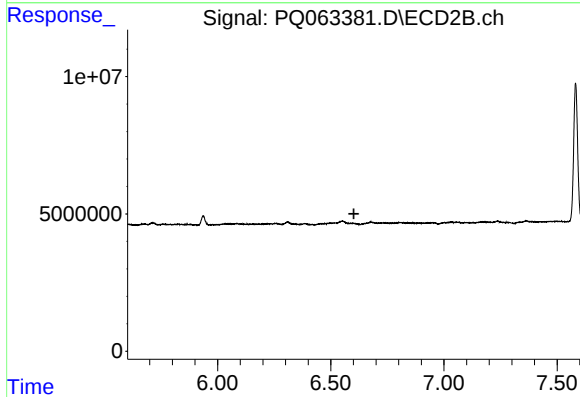
R.T.: 6.552 min
Delta R.T.: 0.013 min
Response: 6423481
Conc: 11.46 ng/ml



#42 AR-1268-2

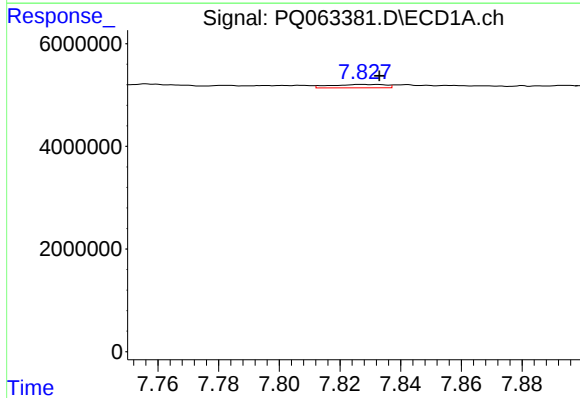
R.T.: 7.669 min
Delta R.T.: 0.019 min
Response: 764922
Conc: 1.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



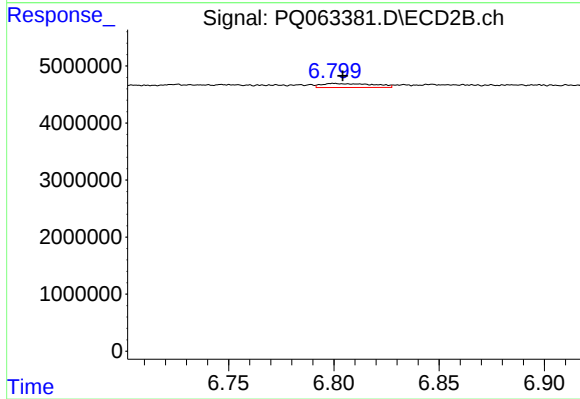
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 6.602 min
Response: 0
Conc: N.D.



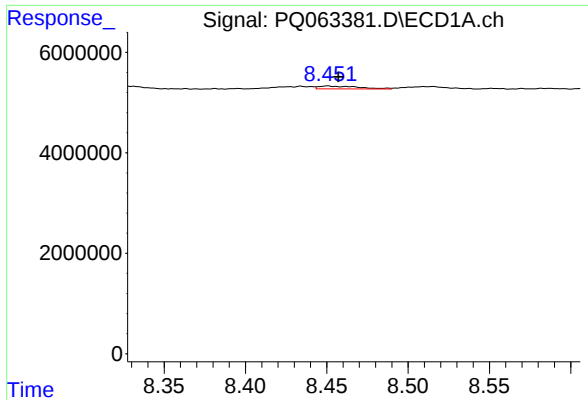
#43 AR-1268-3

R.T.: 7.832 min
Delta R.T.: -0.001 min
Response: 840873
Conc: 1.72 ng/ml



#43 AR-1268-3

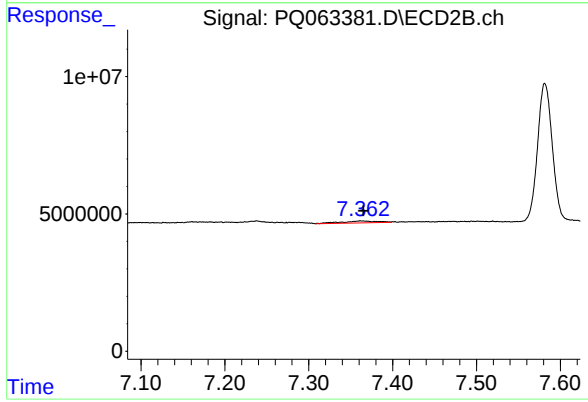
R.T.: 6.800 min
Delta R.T.: -0.004 min
Response: 1180761
Conc: 2.77 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: -0.007 min
Response: 935060
Conc: 0.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.362 min
Delta R.T.: -0.003 min
Response: 2019831
Conc: 1.54 ng/ml