

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111523\
 Data File : PQ064109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2023 09:55
 Operator : YP\AJ
 Sample : 05366-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 00:06:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 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...	3.460	2.776	86923293	84926256	20.393	23.092
2) SA Decachlor...	8.691	7.573	59066933	81977819	18.295	17.496
Target Compounds						
3) L1 AR-1016-1	4.554	3.774	4206032	52291	30.521	0.415 #
4) L1 AR-1016-2	4.597	3.814	3503128	765373	16.586	4.224 #
5) L1 AR-1016-3	4.656	3.971	4773185	593288	35.840	6.088 #
6) L1 AR-1016-4	4.761	3.995	3545760	1383317	33.725	16.396 #
7) L1 AR-1016-5	5.039	4.208	5543824	3773769	52.328	37.734 #
8) L2 AR-1221-1	3.648	2.974	402528	135660	7.439	2.633 #
9) L2 AR-1221-2	3.742	3.047	1427741	1075762	39.084	30.853
10) L2 AR-1221-3	3.800	3.132	239670	326099	2.018	2.956 #
11) L3 AR-1232-1	3.800	3.132	239670	326099	2.562	3.766 #
12) L3 AR-1232-2	4.312	3.814	8568759	765373	163.162	9.622 #
13) L3 AR-1232-3	4.597	3.971	3503128	593288	38.948	14.331 #
14) L3 AR-1232-4	4.761	4.039	3545760	3944962	81.092	108.627 #
15) L3 AR-1232-5	4.860	4.208	1929720	3773769	57.706	89.814 #
16) L4 AR-1242-1	4.554	3.774	4206032	52291	37.326	0.508 #
17) L4 AR-1242-2	4.597	3.814	3503128	765373	20.716	5.186 #
18) L4 AR-1242-3	4.656	3.971	4773185	593288	45.224	7.458 #
19) L4 AR-1242-4	4.761	4.039	3545760	3944962	41.790	51.986
20) L4 AR-1242-5	5.490	4.549	7412963	6111445	83.836	60.754 #
21) L5 AR-1248-1	4.554	3.774	4206032	52291	50.519	0.671 #
22) L5 AR-1248-2	4.826	3.995	1920660	1383317	15.825	11.669 #
23) L5 AR-1248-3	5.039	4.039	5543824	3944962	38.288	35.016
24) L5 AR-1248-4	5.421	4.208	9882408	3773769	63.768	27.414 #
25) L5 AR-1248-5	5.490	4.576	7412963	12966637	48.480	96.573 #
26) L6 AR-1254-1	5.421	4.549	9882408	6111445	62.965	31.443 #
27) L6 AR-1254-2	5.599	4.686	13165037	7234604	55.512	41.529 #
28) L6 AR-1254-3	5.984	5.081	4183581	1130352	16.873	4.223 #
29) L6 AR-1254-4	0.000	5.324	0	8102857	N.D.	46.189 #
30) L6 AR-1254-5	6.680	5.730	470841	551426	2.361	2.163
31) L7 AR-1260-1	6.131	5.209	880421	3626510	4.300	18.335 #
32) L7 AR-1260-2	6.405	5.394	2700466	4582032	11.179	19.193 #
33) L7 AR-1260-3	0.000	5.565	0	4063617	N.D.	17.990 #
34) L7 AR-1260-4	6.986	5.999	264985	151374	1.436	0.880 #
35) L7 AR-1260-5	7.324f	6.252	3701561	786519	10.415	1.971 #
36) L8 AR-1262-1	0.000	5.814	0	683413	N.D.	6.242 #
37) L8 AR-1262-2	7.324f	5.999	3701561	151374	8.703	0.613 #
38) L8 AR-1262-3	7.583	6.551	289492	782065	1.010	3.860 #
39) L8 AR-1262-4	7.644	6.590	61096	747464	0.266	2.006 #
40) L8 AR-1262-5	8.146	7.096	443330	238536	3.112	1.319 #
41) L9 AR-1268-1	7.583	6.551	289492	782065	0.585	1.363 #

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Integration File signal 1: autoint1.e
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 Quant Time: Nov 16 00:06:44 2023
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 Integrator: ChemStation

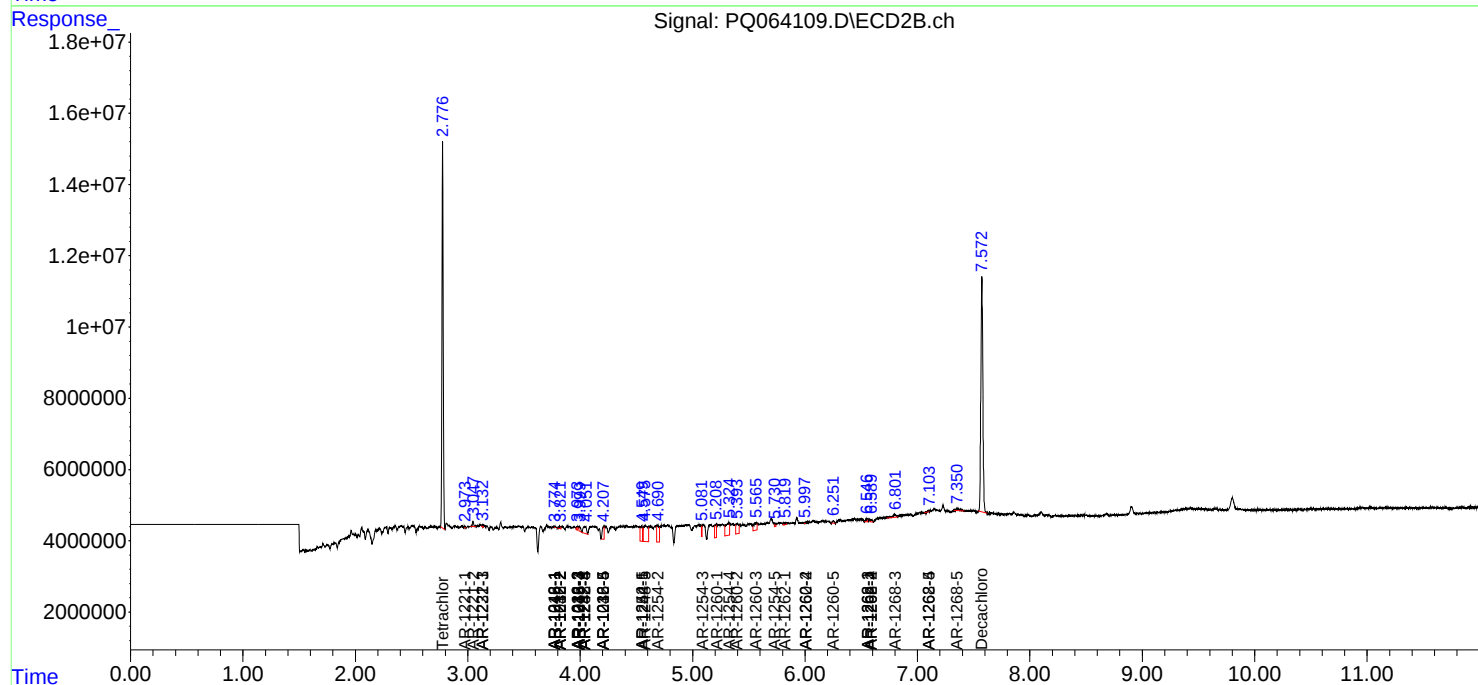
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

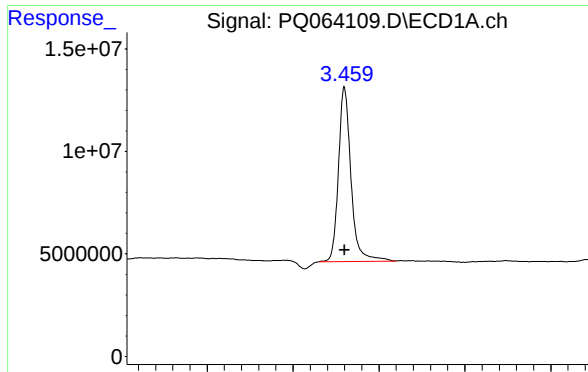
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.644	6.590	61096	747464	0.136	1.440 #
43) L9	AR-1268-3	7.827	6.797	854537	1743876	2.190	3.761 #
44) L9	AR-1268-4	8.146	7.096	443330	238536	2.836	1.221 #
45) L9	AR-1268-5	8.450	7.355	584710	1328464	0.519	0.868 #

(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

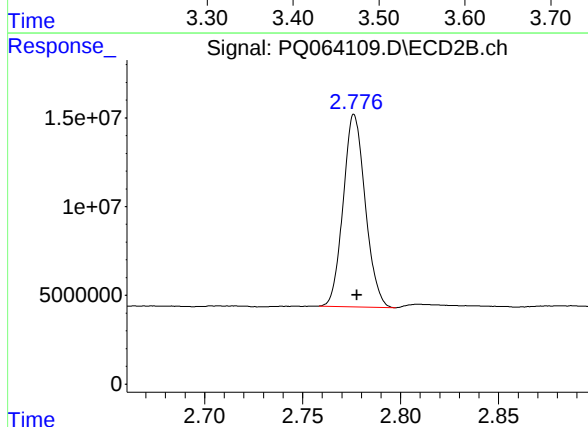




#1 Tetrachloro-m-xylene

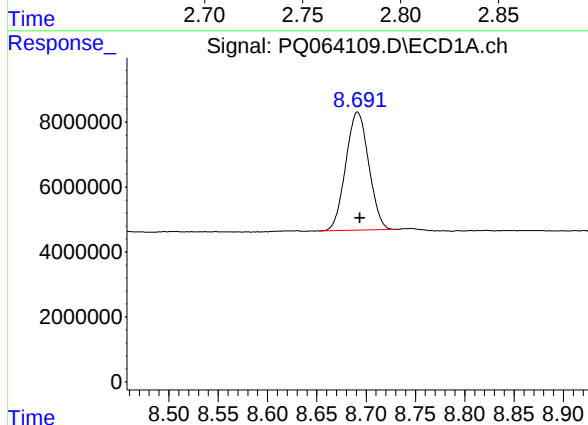
R.T.: 3.460 min
Delta R.T.: 0.000 min
Response: 86923293
Conc: 20.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



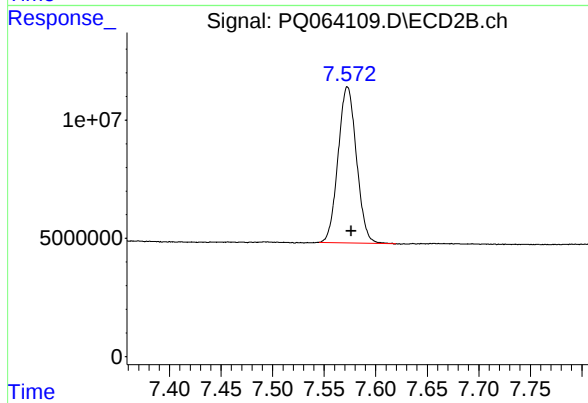
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.001 min
Response: 84926256
Conc: 23.09 ng/ml



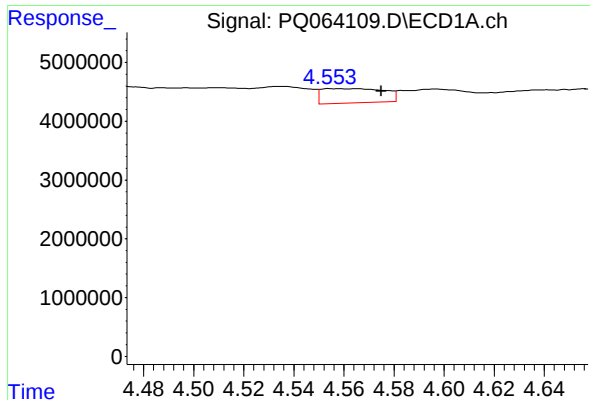
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 59066933
Conc: 18.29 ng/ml



#2 Decachlorobiphenyl

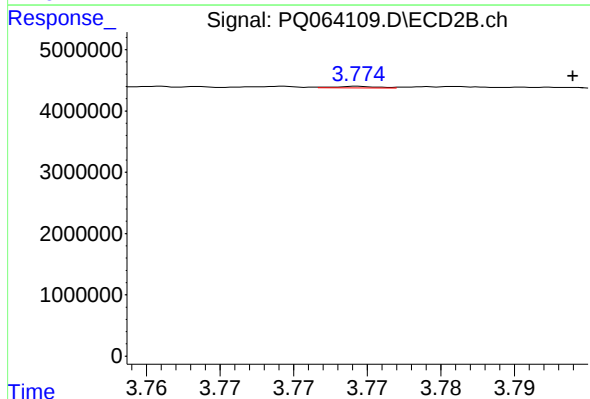
R.T.: 7.573 min
Delta R.T.: -0.004 min
Response: 81977819
Conc: 17.50 ng/ml



#3 AR-1016-1

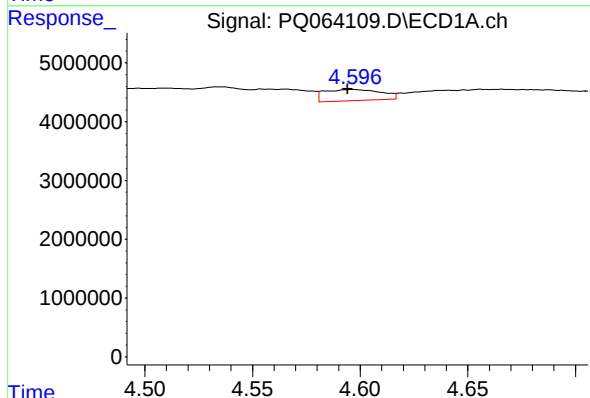
R.T.: 4.554 min
Delta R.T.: -0.021 min
Response: 4206032
Conc: 30.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



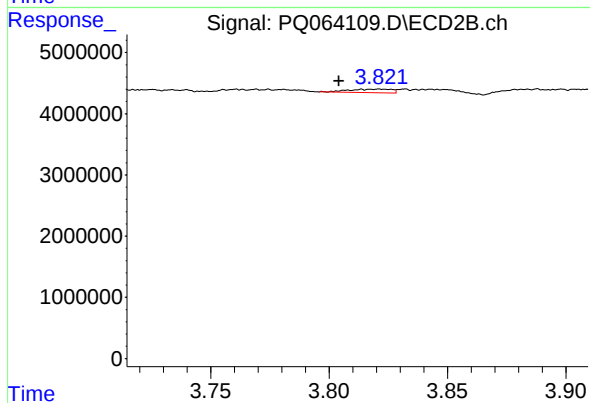
#3 AR-1016-1

R.T.: 3.774 min
Delta R.T.: -0.014 min
Response: 52291
Conc: 0.42 ng/ml



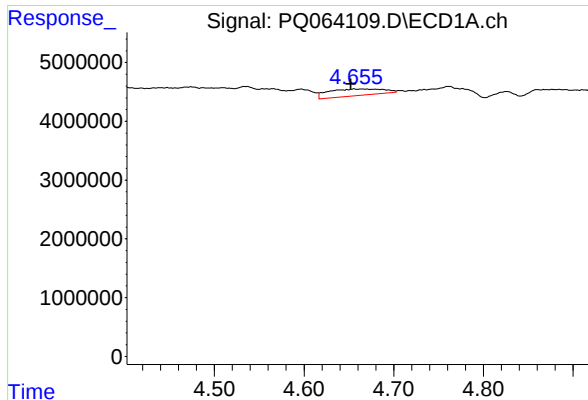
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.003 min
Response: 3503128
Conc: 16.59 ng/ml



#4 AR-1016-2

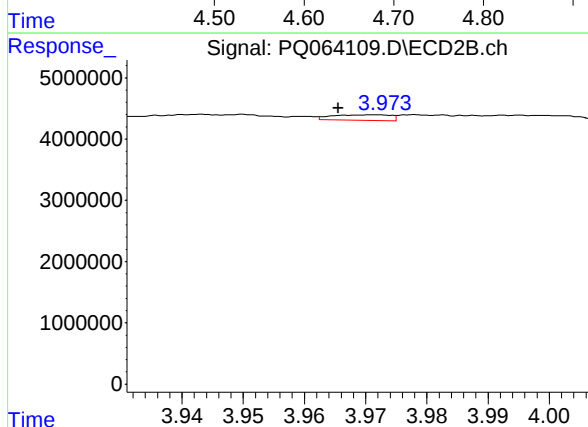
R.T.: 3.814 min
Delta R.T.: 0.010 min
Response: 765373
Conc: 4.22 ng/ml



#5 AR-1016-3

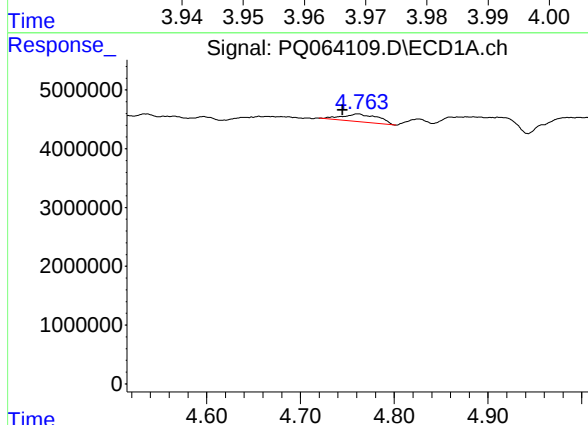
R.T.: 4.656 min
Delta R.T.: 0.003 min
Response: 4773185
Conc: 35.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



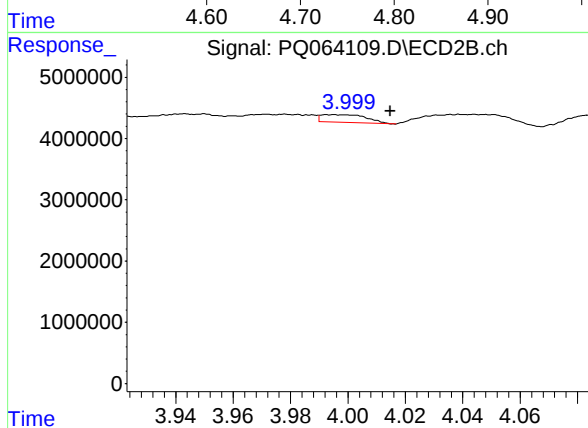
#5 AR-1016-3

R.T.: 3.971 min
Delta R.T.: 0.006 min
Response: 593288
Conc: 6.09 ng/ml



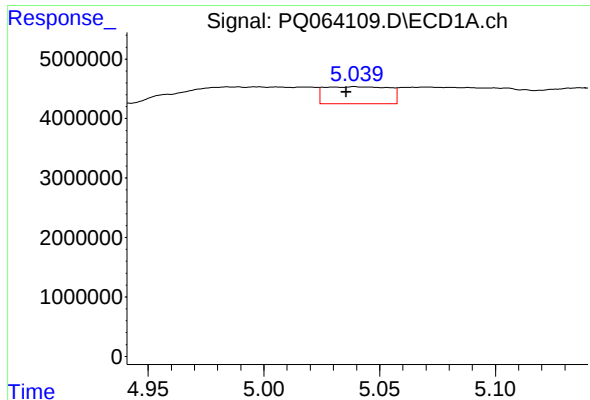
#6 AR-1016-4

R.T.: 4.761 min
Delta R.T.: 0.016 min
Response: 3545760
Conc: 33.72 ng/ml



#6 AR-1016-4

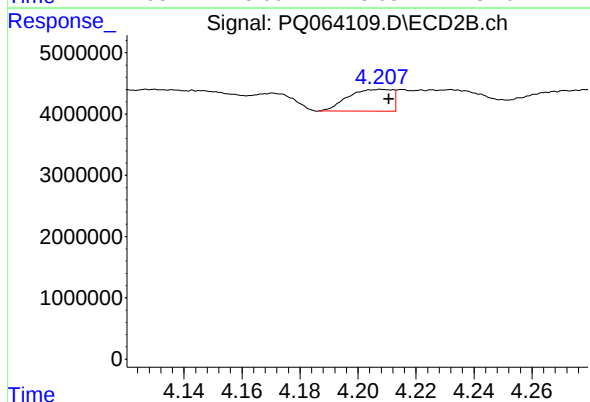
R.T.: 3.995 min
Delta R.T.: -0.020 min
Response: 1383317
Conc: 16.40 ng/ml



#7 AR-1016-5

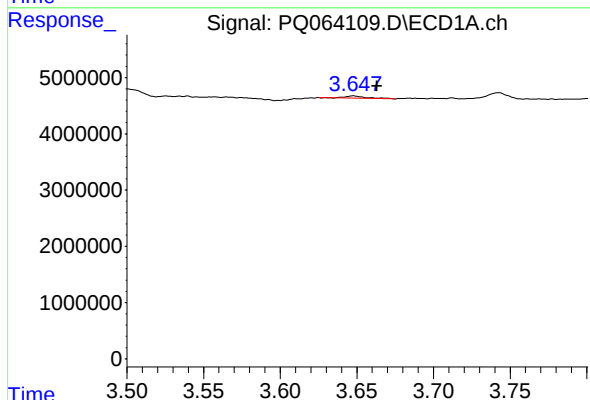
R.T.: 5.039 min
Delta R.T.: 0.004 min
Response: 5543824
Conc: 52.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



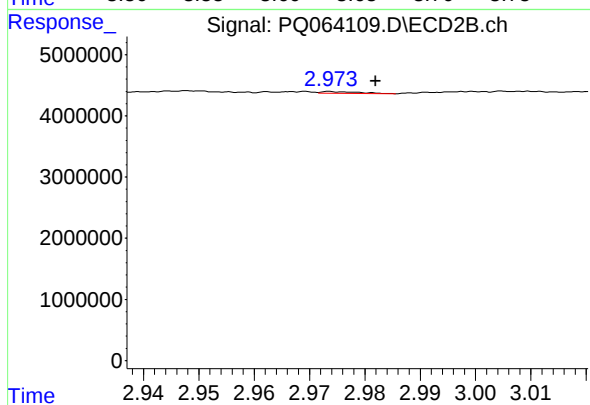
#7 AR-1016-5

R.T.: 4.208 min
Delta R.T.: -0.003 min
Response: 3773769
Conc: 37.73 ng/ml



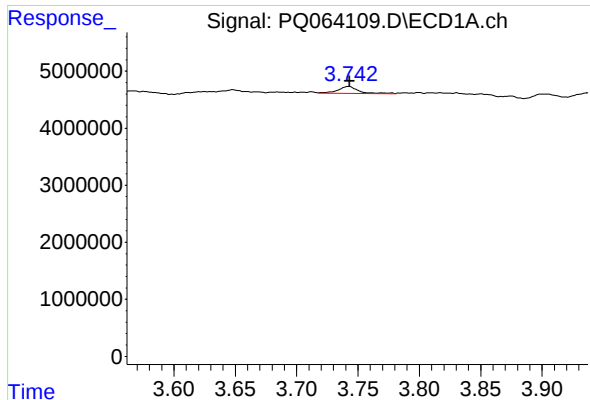
#8 AR-1221-1

R.T.: 3.648 min
Delta R.T.: -0.015 min
Response: 402528
Conc: 7.44 ng/ml



#8 AR-1221-1

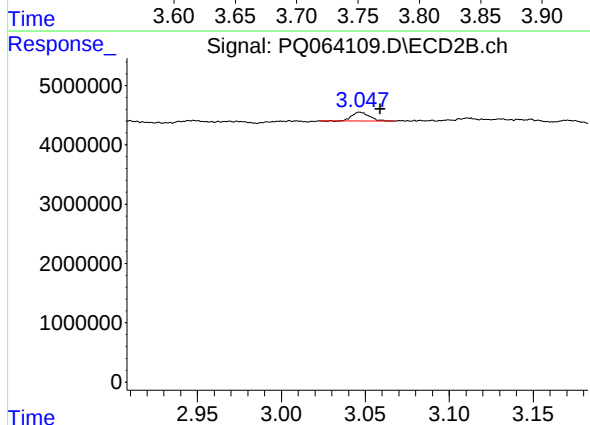
R.T.: 2.974 min
Delta R.T.: -0.008 min
Response: 135660
Conc: 2.63 ng/ml



#9 AR-1221-2

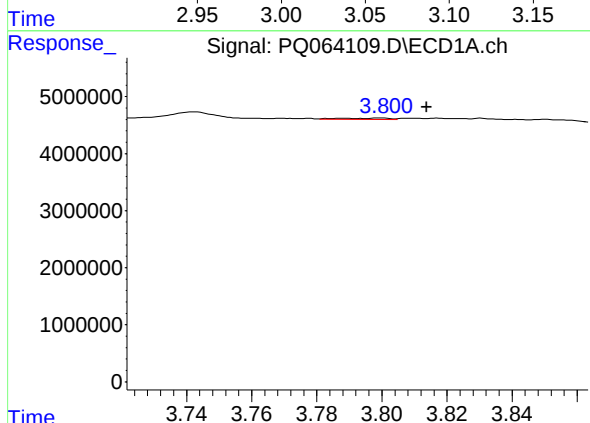
R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 1427741
Conc: 39.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



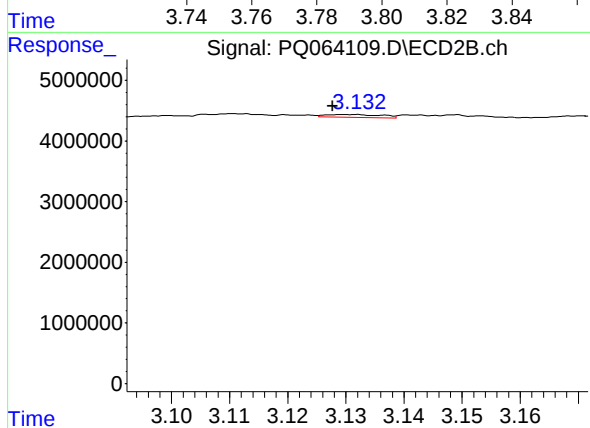
#9 AR-1221-2

R.T.: 3.047 min
Delta R.T.: -0.012 min
Response: 1075762
Conc: 30.85 ng/ml



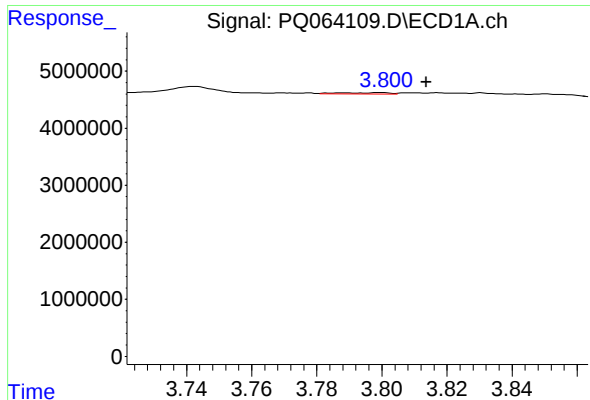
#10 AR-1221-3

R.T.: 3.800 min
Delta R.T.: -0.014 min
Response: 239670
Conc: 2.02 ng/ml



#10 AR-1221-3

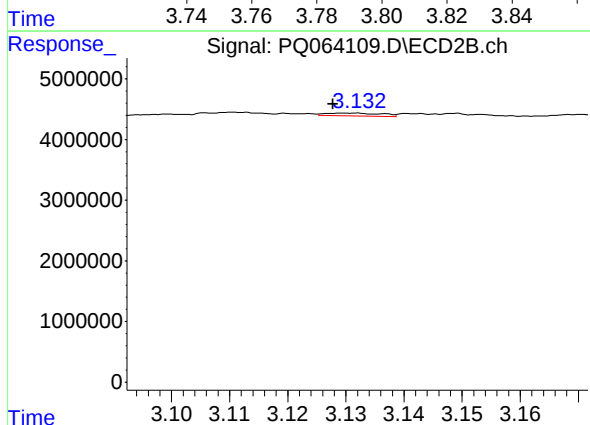
R.T.: 3.132 min
Delta R.T.: 0.004 min
Response: 326099
Conc: 2.96 ng/ml



#11 AR-1232-1

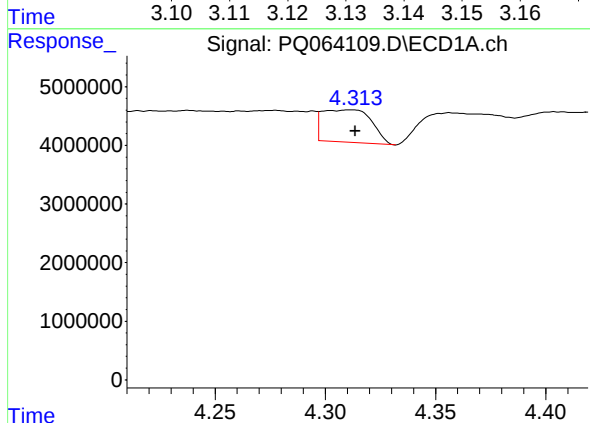
R.T.: 3.800 min
Delta R.T.: -0.014 min
Response: 239670
Conc: 2.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



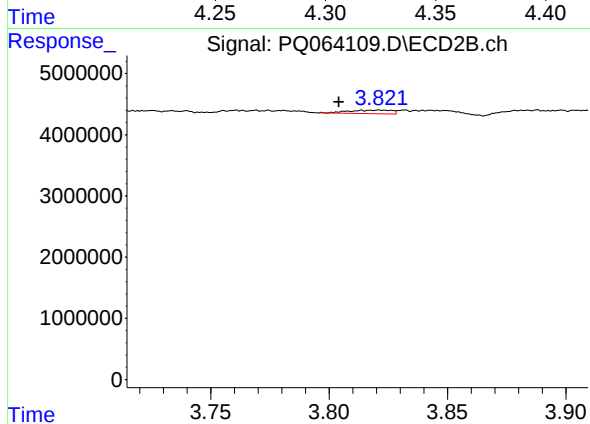
#11 AR-1232-1

R.T.: 3.132 min
Delta R.T.: 0.004 min
Response: 326099
Conc: 3.77 ng/ml



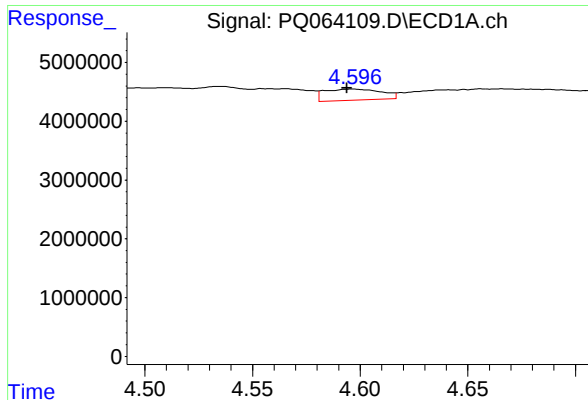
#12 AR-1232-2

R.T.: 4.312 min
Delta R.T.: -0.002 min
Response: 8568759
Conc: 163.16 ng/ml



#12 AR-1232-2

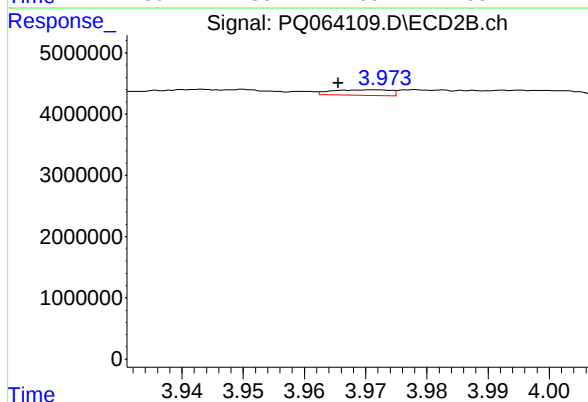
R.T.: 3.814 min
Delta R.T.: 0.010 min
Response: 765373
Conc: 9.62 ng/ml



#13 AR-1232-3

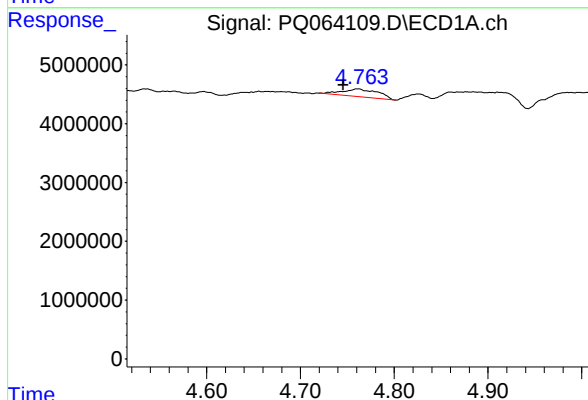
R.T.: 4.597 min
Delta R.T.: 0.003 min
Response: 3503128
Conc: 38.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



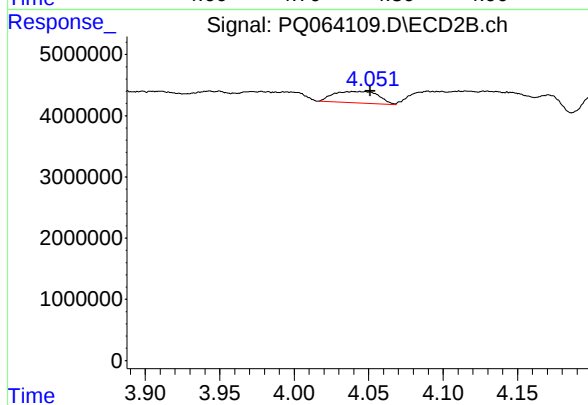
#13 AR-1232-3

R.T.: 3.971 min
Delta R.T.: 0.006 min
Response: 593288
Conc: 14.33 ng/ml



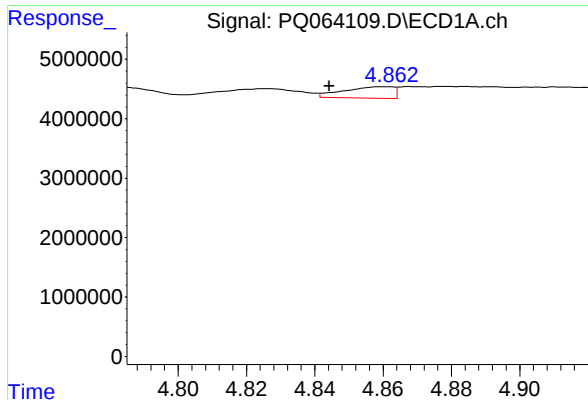
#14 AR-1232-4

R.T.: 4.761 min
Delta R.T.: 0.015 min
Response: 3545760
Conc: 81.09 ng/ml



#14 AR-1232-4

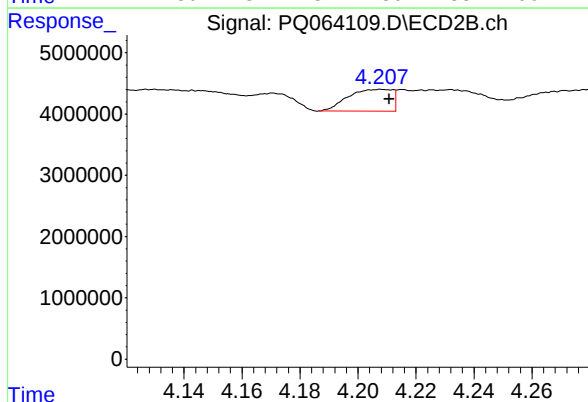
R.T.: 4.039 min
Delta R.T.: -0.012 min
Response: 3944962
Conc: 108.63 ng/ml



#15 AR-1232-5

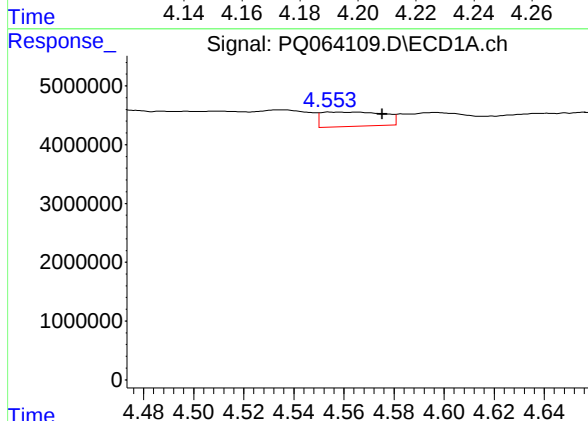
R.T.: 4.860 min
Delta R.T.: 0.016 min
Response: 1929720
Conc: 57.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



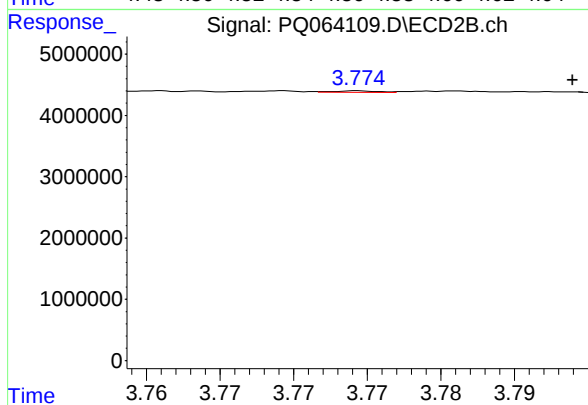
#15 AR-1232-5

R.T.: 4.208 min
Delta R.T.: -0.003 min
Response: 3773769
Conc: 89.81 ng/ml



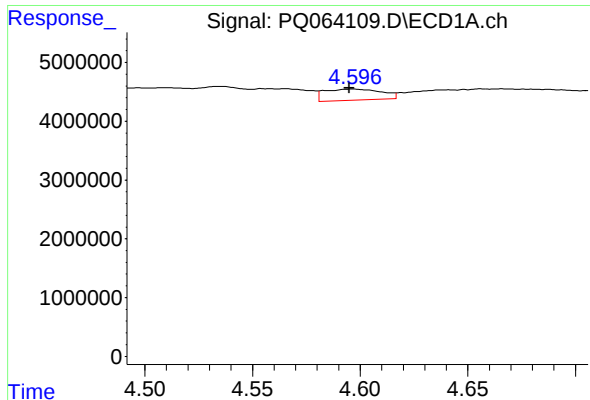
#16 AR-1242-1

R.T.: 4.554 min
Delta R.T.: -0.021 min
Response: 4206032
Conc: 37.33 ng/ml



#16 AR-1242-1

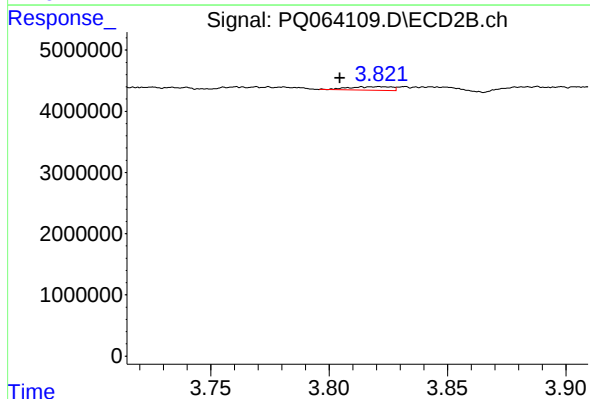
R.T.: 3.774 min
Delta R.T.: -0.014 min
Response: 52291
Conc: 0.51 ng/ml



#17 AR-1242-2

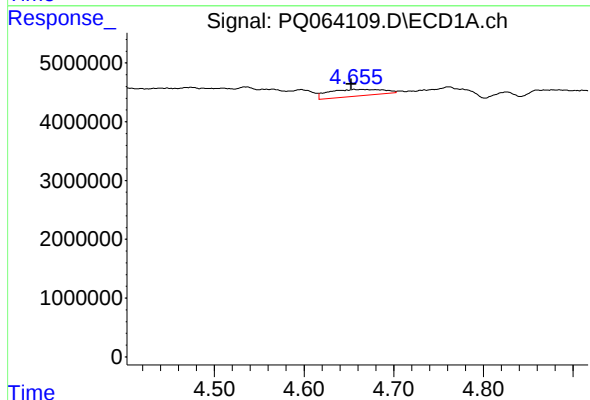
R.T.: 4.597 min
Delta R.T.: 0.002 min
Response: 3503128
Conc: 20.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



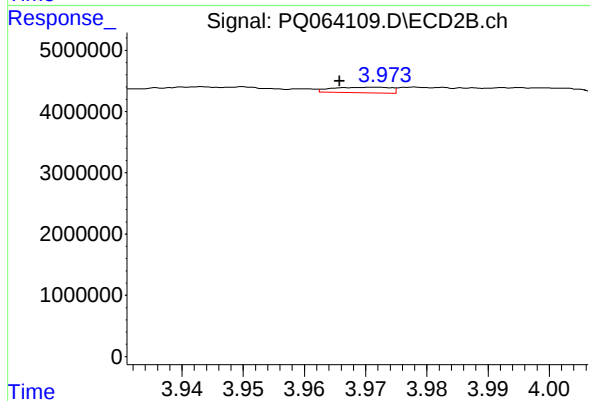
#17 AR-1242-2

R.T.: 3.814 min
Delta R.T.: 0.009 min
Response: 765373
Conc: 5.19 ng/ml



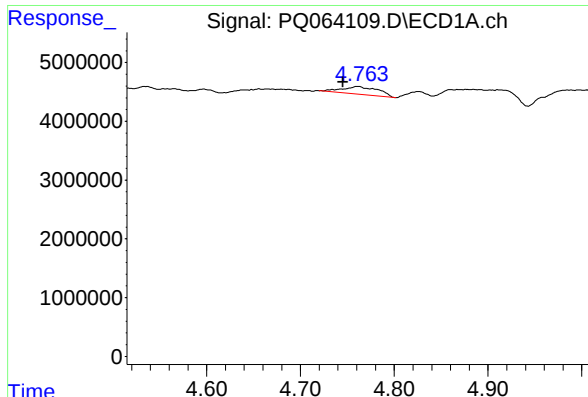
#18 AR-1242-3

R.T.: 4.656 min
Delta R.T.: 0.003 min
Response: 4773185
Conc: 45.22 ng/ml



#18 AR-1242-3

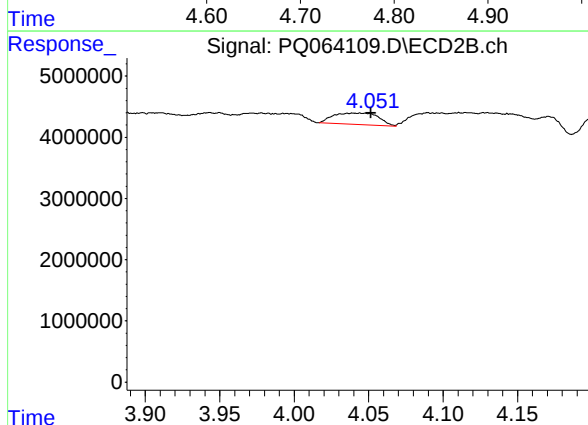
R.T.: 3.971 min
Delta R.T.: 0.006 min
Response: 593288
Conc: 7.46 ng/ml



#19 AR-1242-4

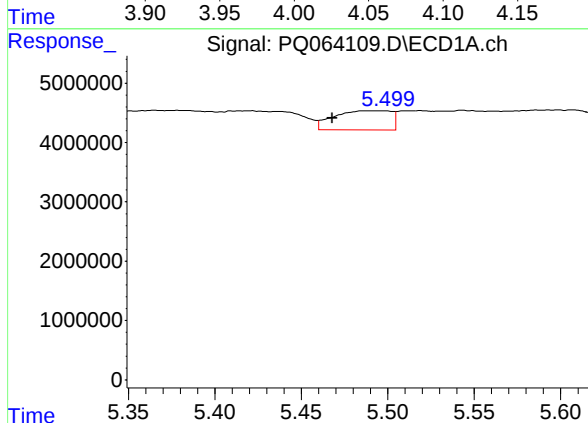
R.T.: 4.761 min
Delta R.T.: 0.016 min
Response: 3545760
Conc: 41.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



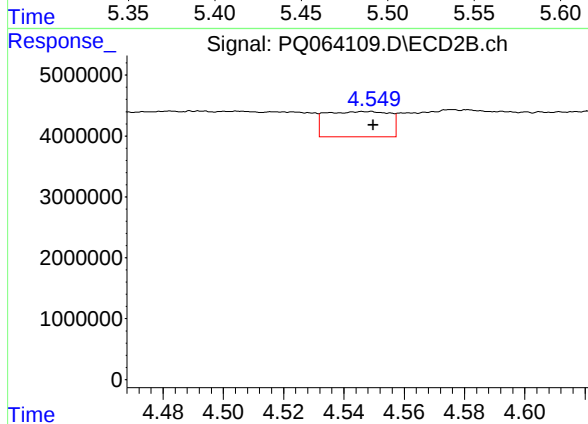
#19 AR-1242-4

R.T.: 4.039 min
Delta R.T.: -0.012 min
Response: 3944962
Conc: 51.99 ng/ml



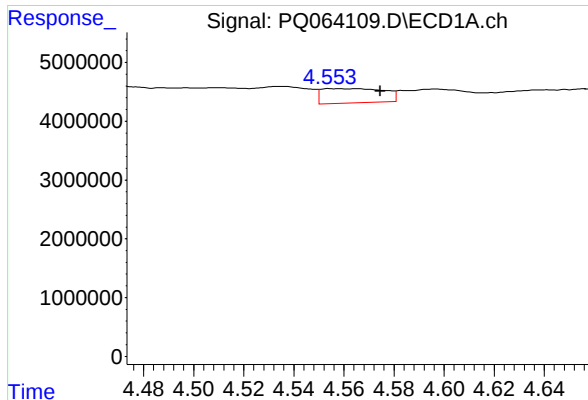
#20 AR-1242-5

R.T.: 5.490 min
Delta R.T.: 0.022 min
Response: 7412963
Conc: 83.84 ng/ml



#20 AR-1242-5

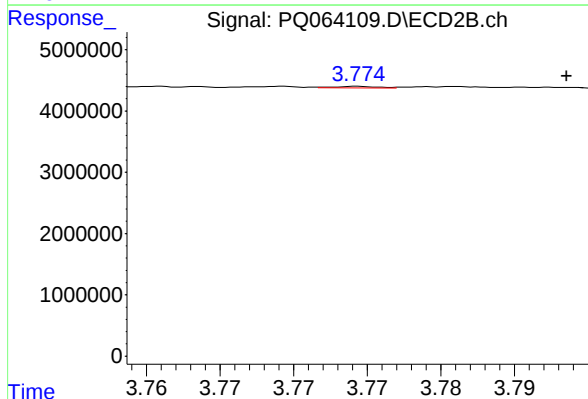
R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 6111445
Conc: 60.75 ng/ml



#21 AR-1248-1

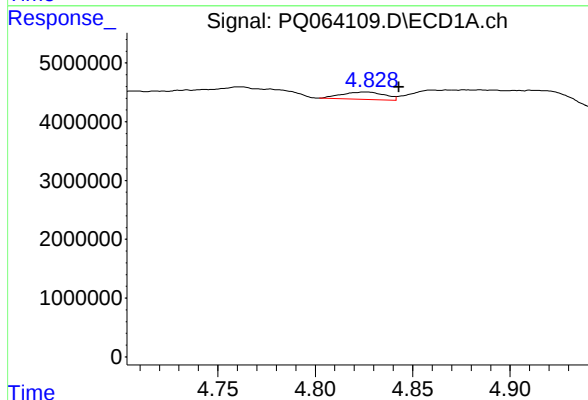
R.T.: 4.554 min
Delta R.T.: -0.020 min
Response: 4206032
Conc: 50.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



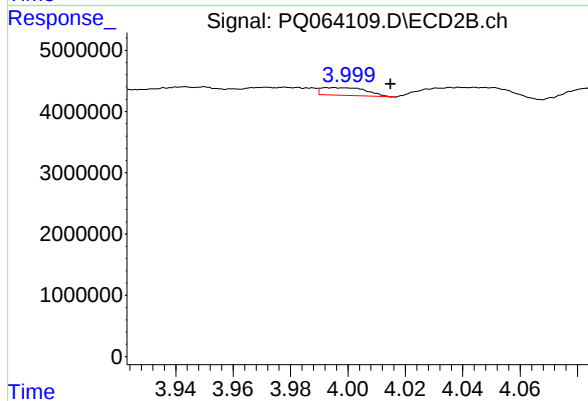
#21 AR-1248-1

R.T.: 3.774 min
Delta R.T.: -0.014 min
Response: 52291
Conc: 0.67 ng/ml



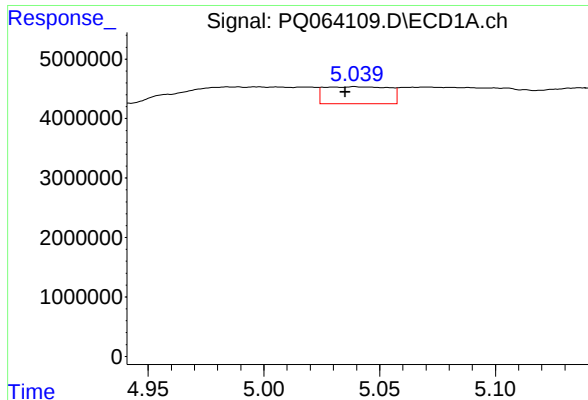
#22 AR-1248-2

R.T.: 4.826 min
Delta R.T.: -0.017 min
Response: 1920660
Conc: 15.82 ng/ml



#22 AR-1248-2

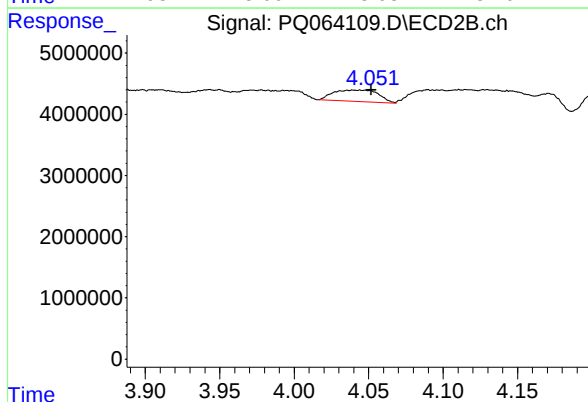
R.T.: 3.995 min
Delta R.T.: -0.020 min
Response: 1383317
Conc: 11.67 ng/ml



#23 AR-1248-3

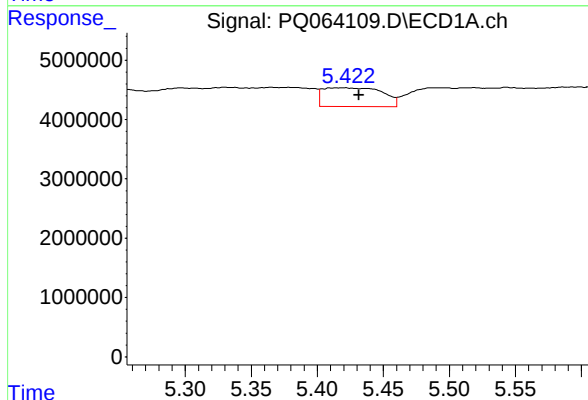
R.T.: 5.039 min
Delta R.T.: 0.004 min
Response: 5543824
Conc: 38.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



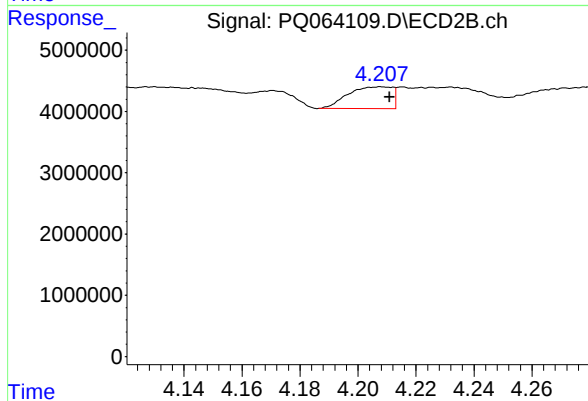
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: -0.013 min
Response: 3944962
Conc: 35.02 ng/ml



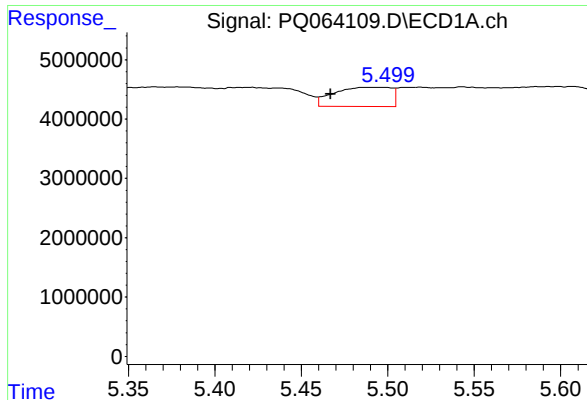
#24 AR-1248-4

R.T.: 5.421 min
Delta R.T.: -0.010 min
Response: 9882408
Conc: 63.77 ng/ml



#24 AR-1248-4

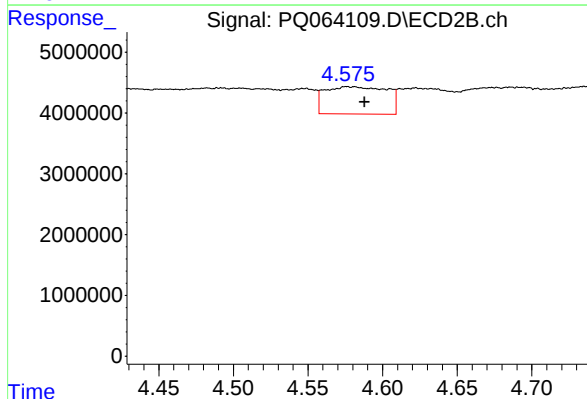
R.T.: 4.208 min
Delta R.T.: -0.003 min
Response: 3773769
Conc: 27.41 ng/ml



#25 AR-1248-5

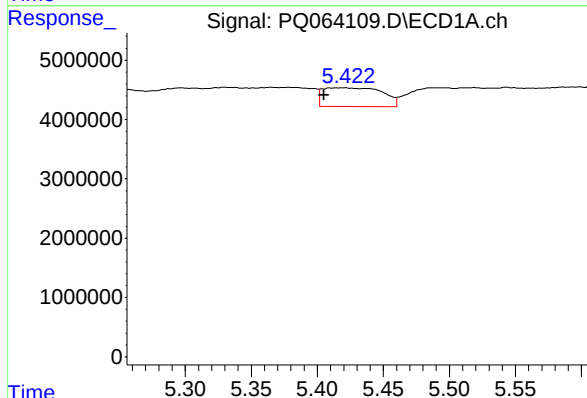
R.T.: 5.490 min
Delta R.T.: 0.023 min
Response: 7412963
Conc: 48.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



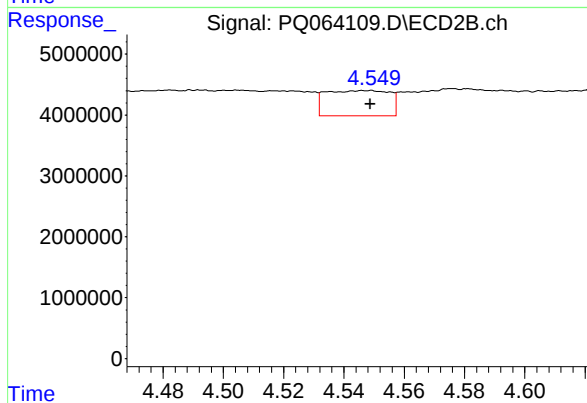
#25 AR-1248-5

R.T.: 4.576 min
Delta R.T.: -0.012 min
Response: 12966637
Conc: 96.57 ng/ml



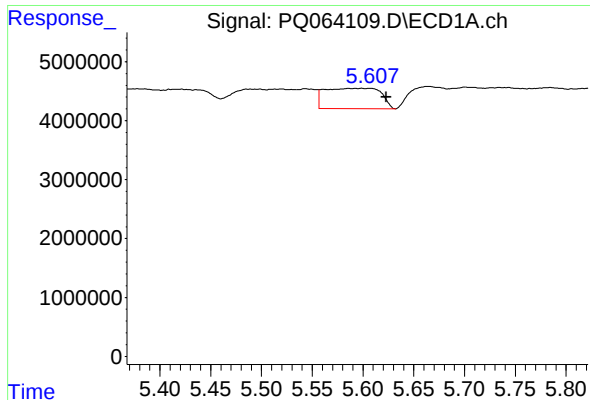
#26 AR-1254-1

R.T.: 5.421 min
Delta R.T.: 0.016 min
Response: 9882408
Conc: 62.97 ng/ml



#26 AR-1254-1

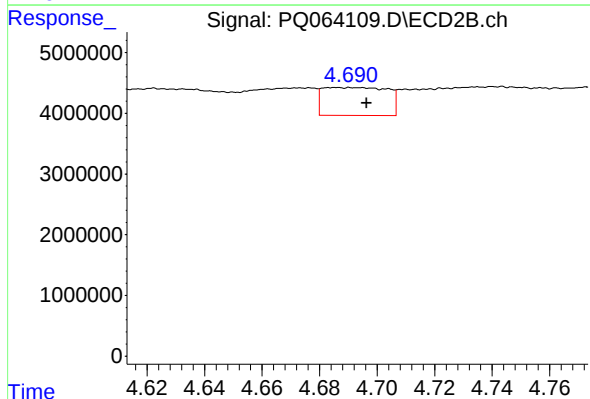
R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 6111445
Conc: 31.44 ng/ml



#27 AR-1254-2

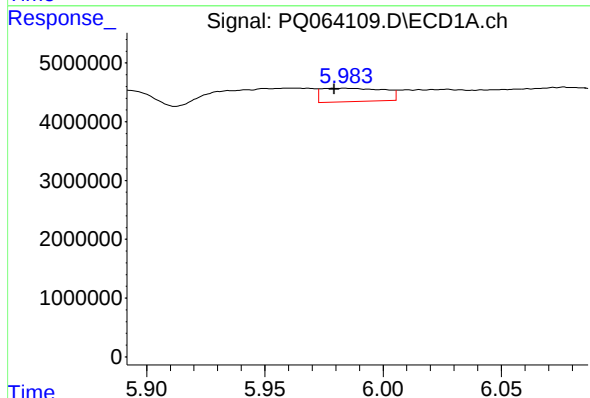
R.T.: 5.599 min
Delta R.T.: -0.024 min
Response: 13165037
Conc: 55.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



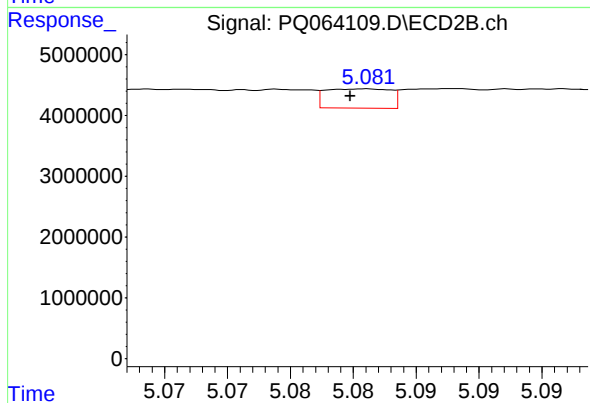
#27 AR-1254-2

R.T.: 4.686 min
Delta R.T.: -0.010 min
Response: 7234604
Conc: 41.53 ng/ml



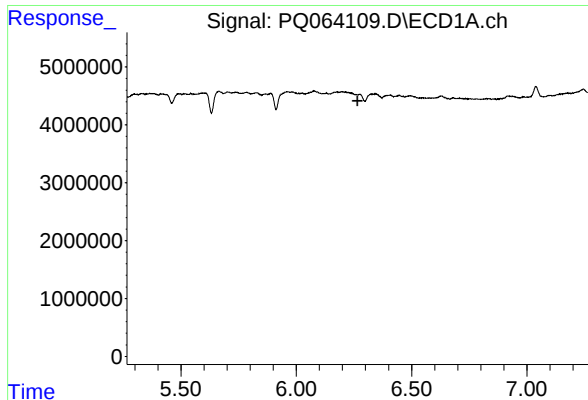
#28 AR-1254-3

R.T.: 5.984 min
Delta R.T.: 0.004 min
Response: 4183581
Conc: 16.87 ng/ml



#28 AR-1254-3

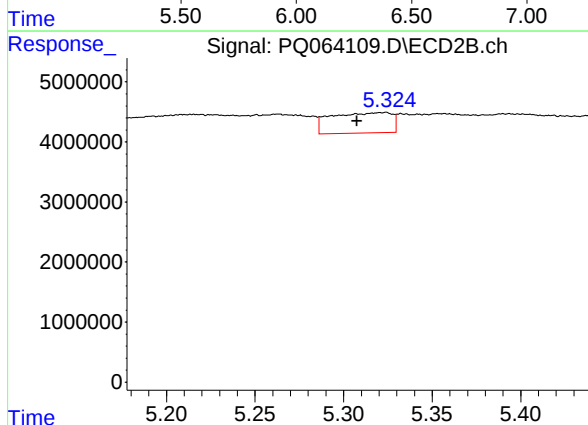
R.T.: 5.081 min
Delta R.T.: 0.001 min
Response: 1130352
Conc: 4.22 ng/ml



#29 AR-1254-4

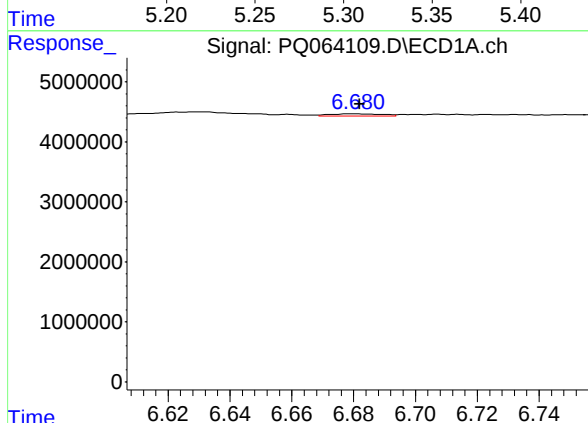
R.T.: 0.000 min
Exp R.T.: 6.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



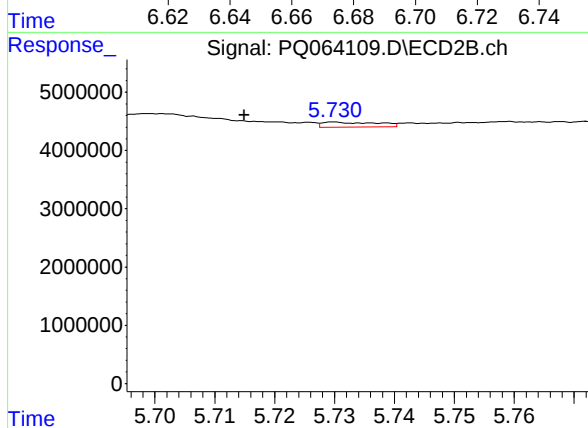
#29 AR-1254-4

R.T.: 5.324 min
Delta R.T.: 0.017 min
Response: 8102857
Conc: 46.19 ng/ml



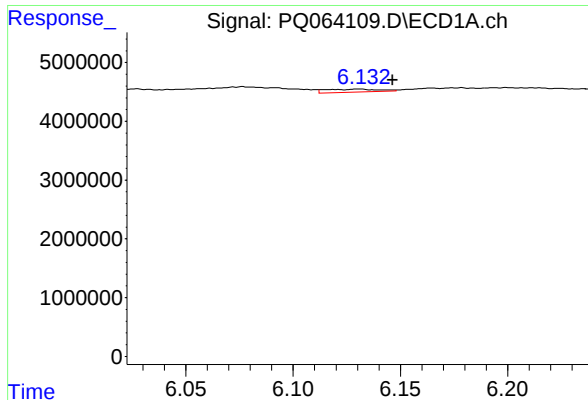
#30 AR-1254-5

R.T.: 6.680 min
Delta R.T.: -0.002 min
Response: 470841
Conc: 2.36 ng/ml



#30 AR-1254-5

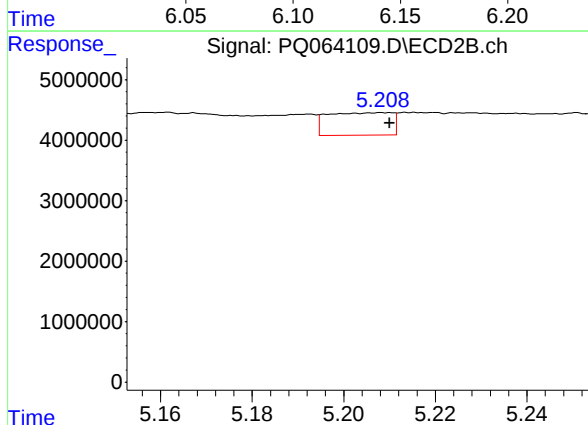
R.T.: 5.730 min
Delta R.T.: 0.015 min
Response: 551426
Conc: 2.16 ng/ml



#31 AR-1260-1

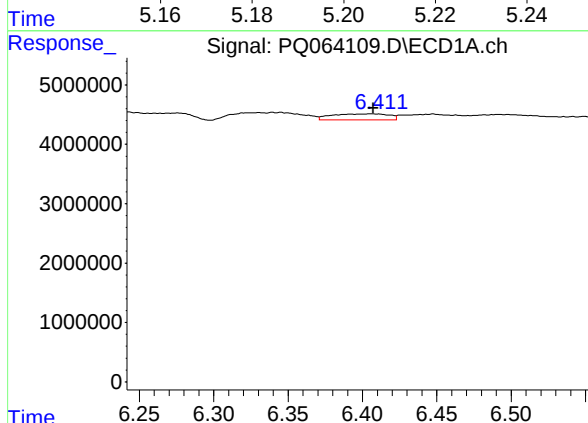
R.T.: 6.131 min
Delta R.T.: -0.016 min
Response: 880421
Conc: 4.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



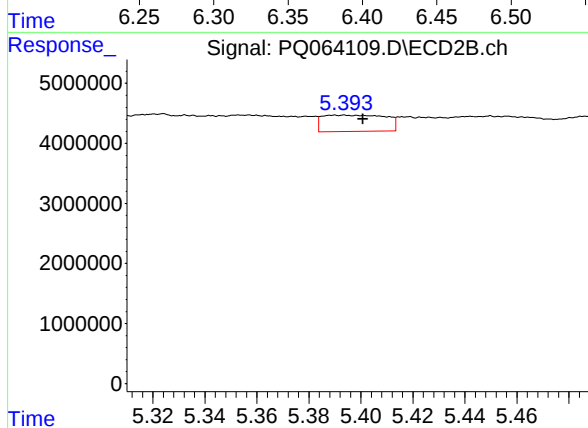
#31 AR-1260-1

R.T.: 5.209 min
Delta R.T.: -0.002 min
Response: 3626510
Conc: 18.33 ng/ml



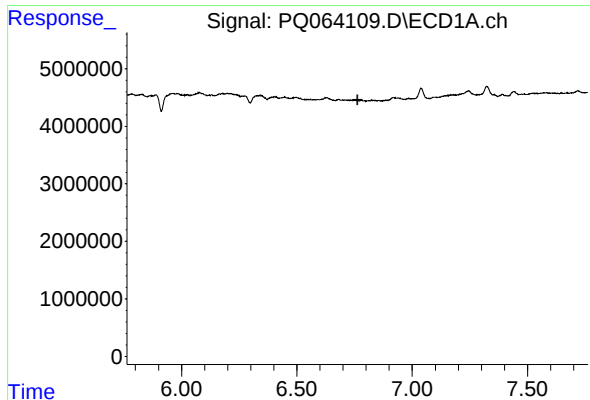
#32 AR-1260-2

R.T.: 6.405 min
Delta R.T.: -0.002 min
Response: 2700466
Conc: 11.18 ng/ml



#32 AR-1260-2

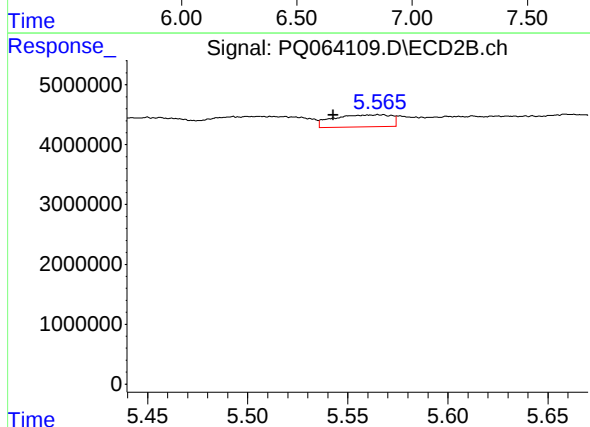
R.T.: 5.394 min
Delta R.T.: -0.007 min
Response: 4582032
Conc: 19.19 ng/ml



#33 AR-1260-3

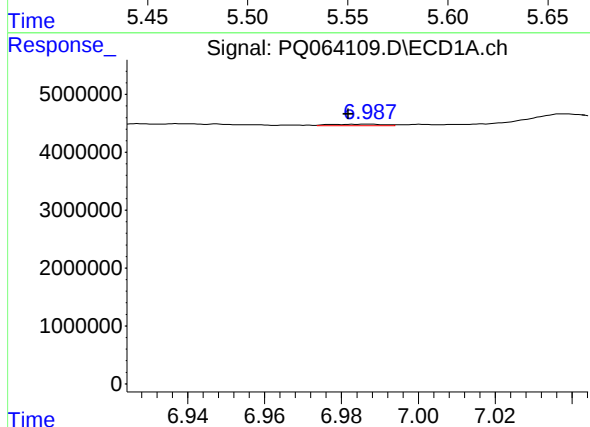
R.T.: 0.000 min
Exp R.T.: 6.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



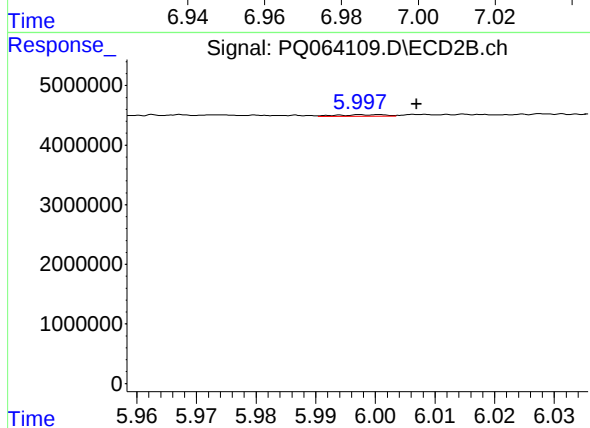
#33 AR-1260-3

R.T.: 5.565 min
Delta R.T.: 0.022 min
Response: 4063617
Conc: 17.99 ng/ml



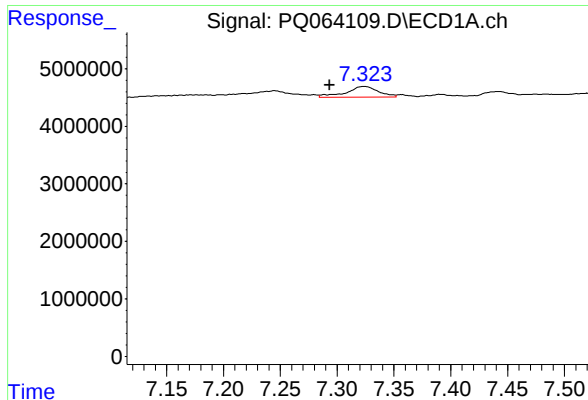
#34 AR-1260-4

R.T.: 6.986 min
Delta R.T.: 0.005 min
Response: 264985
Conc: 1.44 ng/ml



#34 AR-1260-4

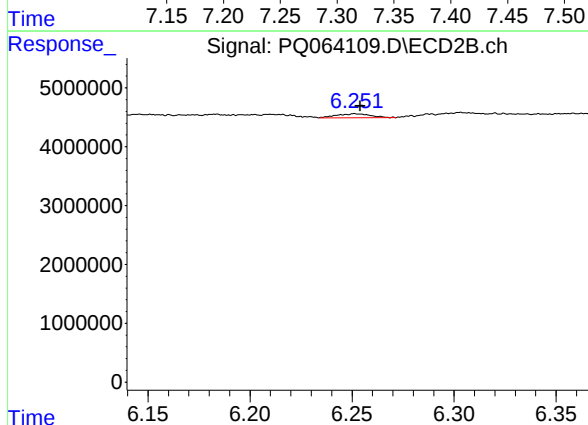
R.T.: 5.999 min
Delta R.T.: -0.008 min
Response: 151374
Conc: 0.88 ng/ml



#35 AR-1260-5

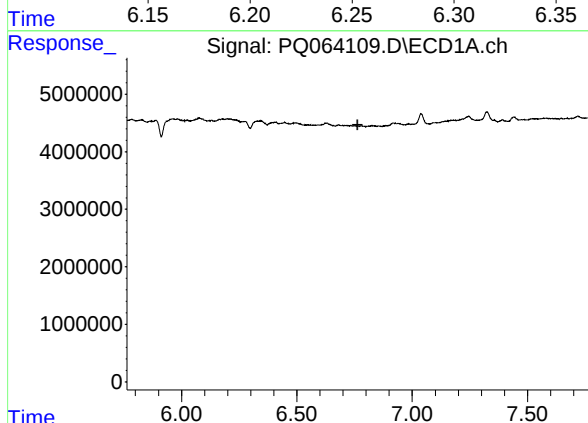
R.T.: 7.324 min
Delta R.T.: 0.030 min
Response: 3701561
Conc: 10.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



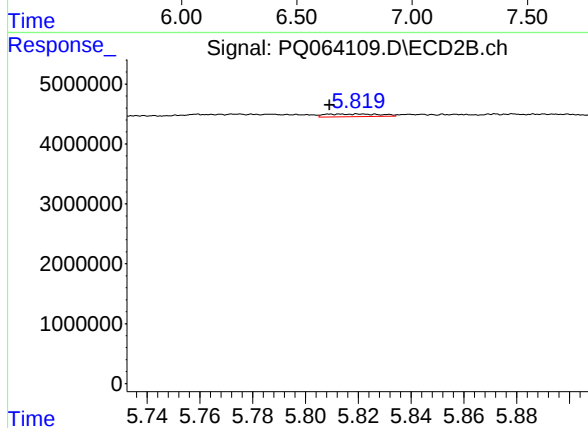
#35 AR-1260-5

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 786519
Conc: 1.97 ng/ml



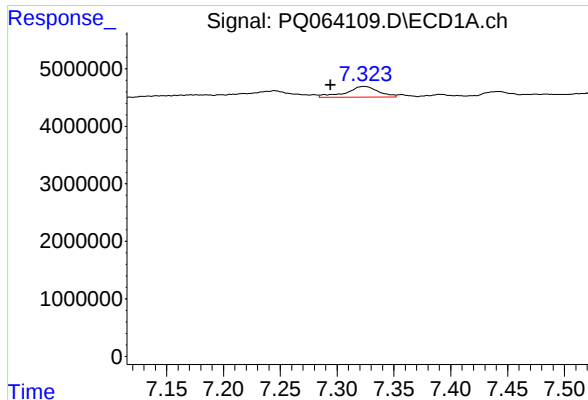
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 6.763 min
Response: 0
Conc: N.D.



#36 AR-1262-1

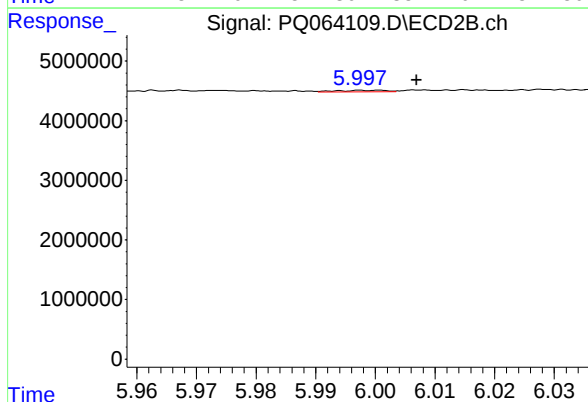
R.T.: 5.814 min
Delta R.T.: 0.005 min
Response: 683413
Conc: 6.24 ng/ml



#37 AR-1262-2

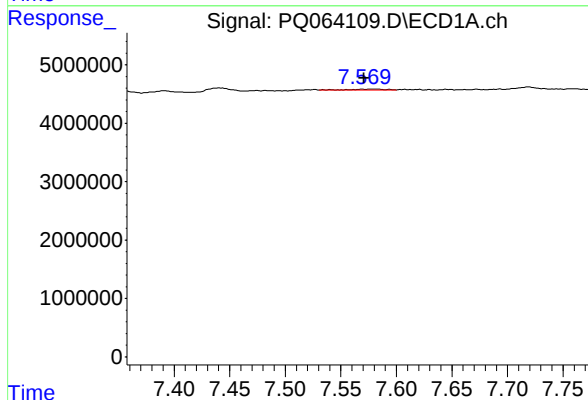
R.T.: 7.324 min
Delta R.T.: 0.029 min
Response: 3701561
Conc: 8.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



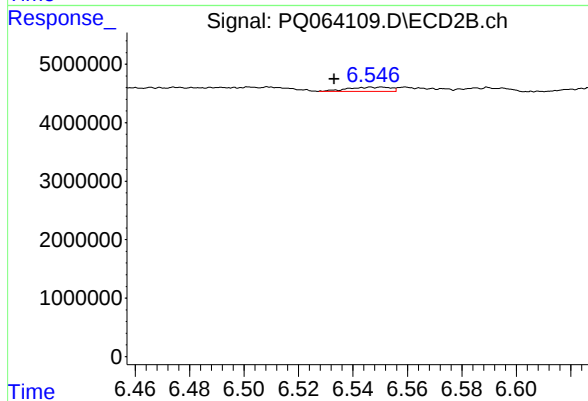
#37 AR-1262-2

R.T.: 5.999 min
Delta R.T.: -0.007 min
Response: 151374
Conc: 0.61 ng/ml



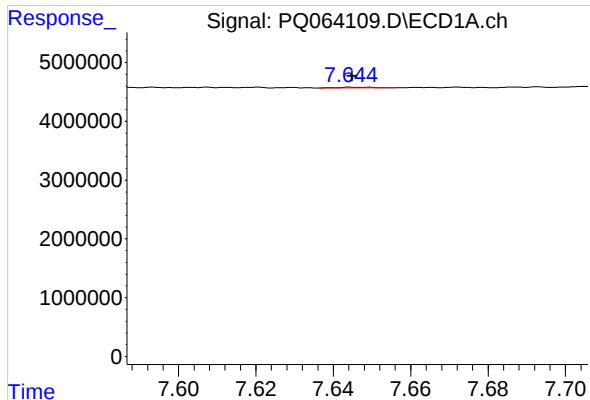
#38 AR-1262-3

R.T.: 7.583 min
Delta R.T.: 0.013 min
Response: 289492
Conc: 1.01 ng/ml



#38 AR-1262-3

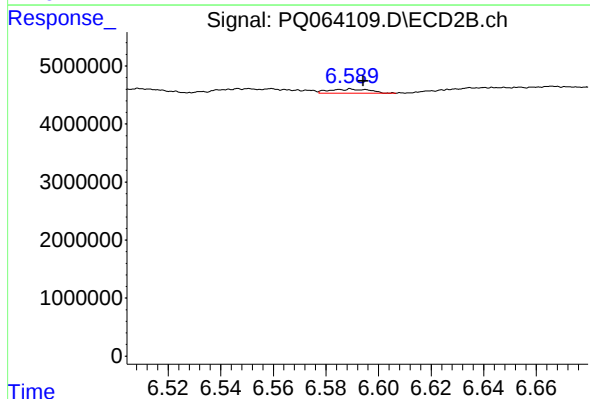
R.T.: 6.551 min
Delta R.T.: 0.018 min
Response: 782065
Conc: 3.86 ng/ml



#39 AR-1262-4

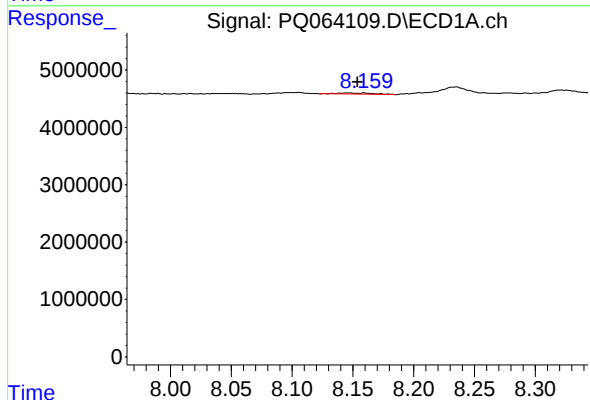
R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 61096
Conc: 0.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



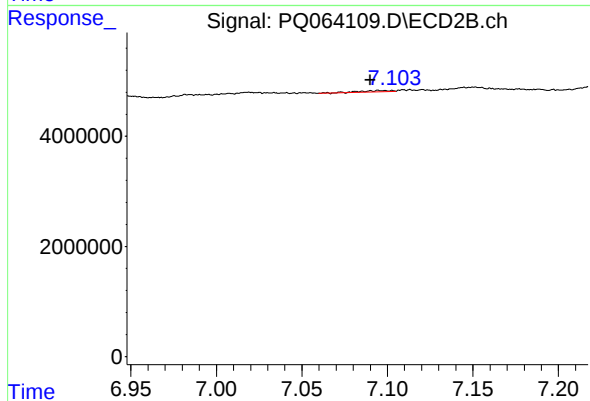
#39 AR-1262-4

R.T.: 6.590 min
Delta R.T.: -0.005 min
Response: 747464
Conc: 2.01 ng/ml



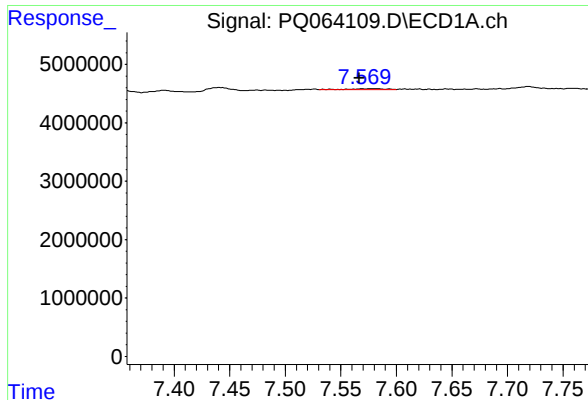
#40 AR-1262-5

R.T.: 8.146 min
Delta R.T.: -0.008 min
Response: 443330
Conc: 3.11 ng/ml



#40 AR-1262-5

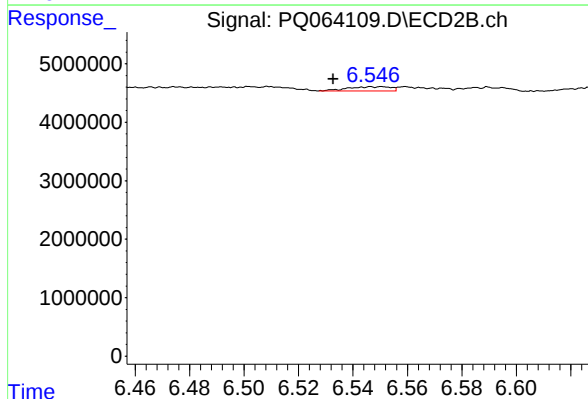
R.T.: 7.096 min
Delta R.T.: 0.006 min
Response: 238536
Conc: 1.32 ng/ml



#41 AR-1268-1

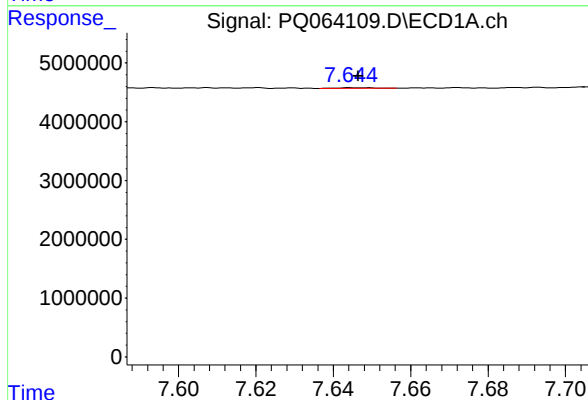
R.T.: 7.583 min
Delta R.T.: 0.017 min
Response: 289492
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



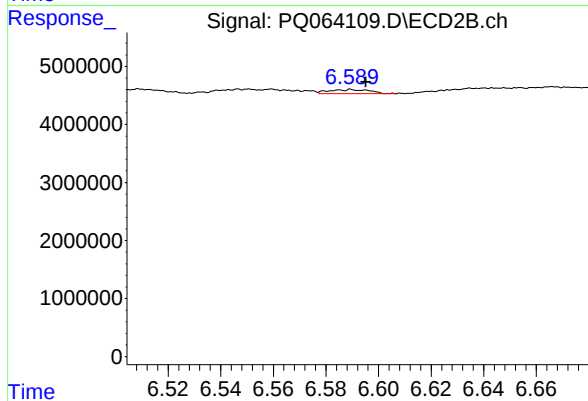
#41 AR-1268-1

R.T.: 6.551 min
Delta R.T.: 0.018 min
Response: 782065
Conc: 1.36 ng/ml



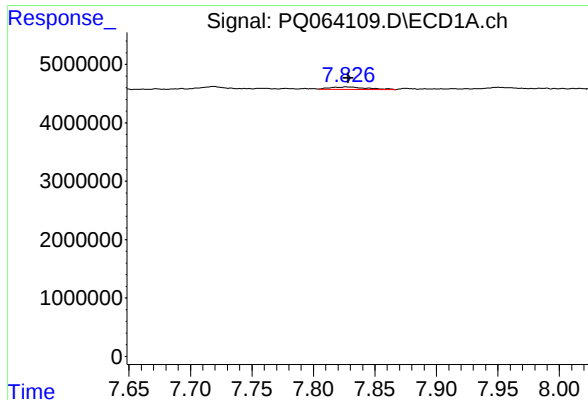
#42 AR-1268-2

R.T.: 7.644 min
Delta R.T.: -0.002 min
Response: 61096
Conc: 0.14 ng/ml



#42 AR-1268-2

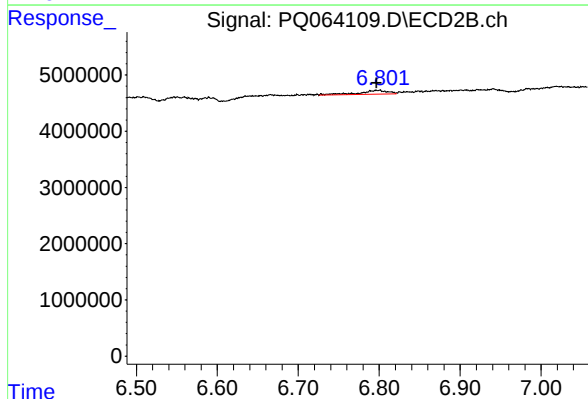
R.T.: 6.590 min
Delta R.T.: -0.006 min
Response: 747464
Conc: 1.44 ng/ml



#43 AR-1268-3

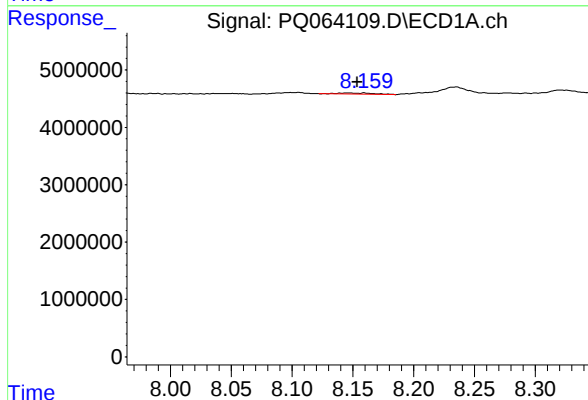
R.T.: 7.827 min
Delta R.T.: 0.000 min
Response: 854537
Conc: 2.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



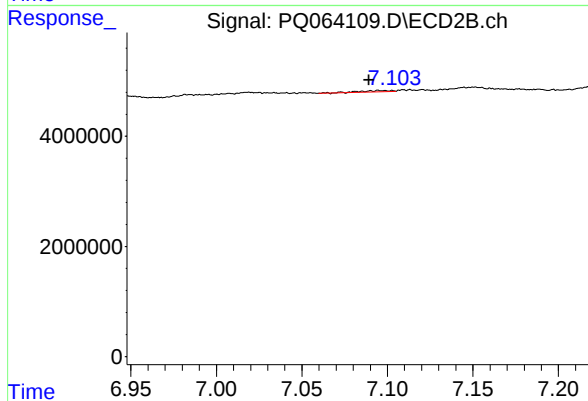
#43 AR-1268-3

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 1743876
Conc: 3.76 ng/ml



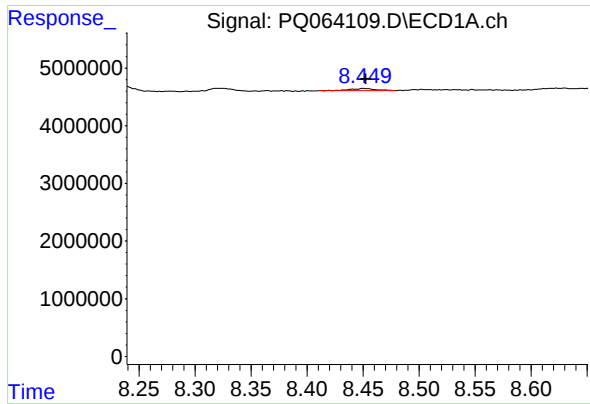
#44 AR-1268-4

R.T.: 8.146 min
Delta R.T.: -0.007 min
Response: 443330
Conc: 2.84 ng/ml



#44 AR-1268-4

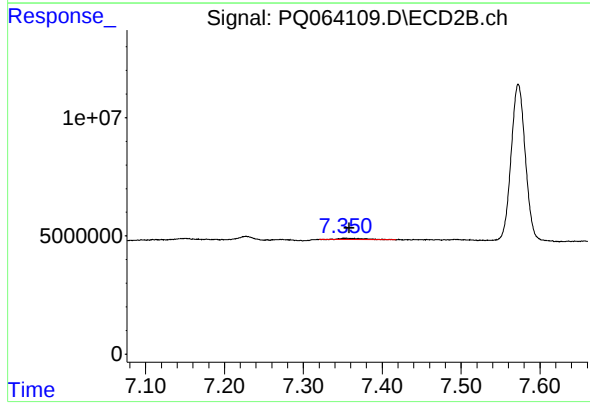
R.T.: 7.096 min
Delta R.T.: 0.006 min
Response: 238536
Conc: 1.22 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: -0.002 min
Response: 584710
Conc: 0.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 1328464
Conc: 0.87 ng/ml