

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122023\
 Data File : PQ064666.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2023 00:30
 Operator : YP\AJ
 Sample : 05897-24
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 GHL-SS-29

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 01:47:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 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...	3.456	2.773	84863694	109.7E6	20.456	26.128 #
2)	SA Decachlor...	8.689	7.566	62972344	92657968	21.482	22.957
Target Compounds							
3)	L1 AR-1016-1	4.588	3.780	121517	228652	0.954	1.881 #
4)	L1 AR-1016-2	4.588	3.803	121517	238217	0.633	1.300 #
5)	L1 AR-1016-3	4.658	3.965	64993	210705	0.548	2.165 #
6)	L1 AR-1016-4	4.757	4.005	-485540	533956	N.D.	6.394 #
7)	L1 AR-1016-5	5.021	4.212	145555	324249	1.494	3.203 #
8)	L2 AR-1221-1	3.660	2.999	925989	206982	18.238	3.655 #
9)	L2 AR-1221-2	3.738	3.043	1110509	1667933	30.310	39.595 #
10)	L2 AR-1221-3	3.828	3.156f	71696	112079	0.634	0.880 #
11)	L3 AR-1232-1	3.828	3.156f	71696	112079	0.831	1.164 #
12)	L3 AR-1232-2	4.319	3.803	1206471	238217	24.732	2.850 #
13)	L3 AR-1232-3	4.588	3.965	121517	210705	1.424	4.733 #
15)	L3 AR-1232-5	4.841	4.212	207629	324249	6.791	7.619
16)	L4 AR-1242-1	4.588	3.780	121517	228652	1.173	2.204 #
17)	L4 AR-1242-2	4.588	3.803	121517	238217	0.783	1.542 #
18)	L4 AR-1242-3	4.658	3.965	64993	210705	0.671	2.569 #
20)	L4 AR-1242-5	5.466	4.541	209809	1099976	2.527	11.407 #
21)	L5 AR-1248-1	4.588	3.780	121517	228652	1.560	2.826 #
22)	L5 AR-1248-2	4.841	4.005	207629	533956	1.860	4.356 #
23)	L5 AR-1248-3	5.021	4.042	145555	352993	1.094	3.025 #
24)	L5 AR-1248-4	5.401f	4.212	197117	324249	1.377	2.313 #
25)	L5 AR-1248-5	5.466	4.571	209809	832626	1.496	6.257 #
26)	L6 AR-1254-1	5.401	4.541	197117	1099976	1.287	5.253 #
27)	L6 AR-1254-2	5.602	4.689	602118	846177	2.579	4.574 #
28)	L6 AR-1254-3	5.975	5.080	731335	3031110	2.975	10.714 #
29)	L6 AR-1254-4	6.253	5.301	42588	1965072	0.245	10.585 #
30)	L6 AR-1254-5	6.677	5.694	376016	4385023	1.948	16.888 #
31)	L7 AR-1260-1	0.000	5.208	0	1067188	N.D.	5.518 #
32)	L7 AR-1260-2	6.393	5.392	231422	2609751	1.067	11.214 #
33)	L7 AR-1260-3	0.000	5.535	0	994194	N.D.	4.574 #
34)	L7 AR-1260-4	6.982	6.004	516929	868572	3.013	4.715 #
35)	L7 AR-1260-5	7.320f	6.242	1852043	1952007	5.482	4.502
36)	L8 AR-1262-1	0.000	5.820	0	234715	N.D.	2.061 #
37)	L8 AR-1262-2	7.320f	6.004	1852043	868572	4.620	3.410 #
38)	L8 AR-1262-3	0.000	6.539	0	620373	N.D.	2.755 #
39)	L8 AR-1262-4	7.660	6.583	269273	454478	1.276	1.050
41)	L9 AR-1268-1	0.000	6.539	0	620373	N.D.	0.942 #
42)	L9 AR-1268-2	7.660	6.583	269273	454478	0.619	0.732
43)	L9 AR-1268-3	7.829	6.790	836143	1408266	2.212	2.200
45)	L9 AR-1268-5	8.450	0.000	388418	0	0.357	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122023\
Data File : PQ064666.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2023 00:30
Operator : YP\AJ
Sample : 05897-24
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:47:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 09 05:18:21 2023
Response via : Initial Calibration
Integrator: ChemStation

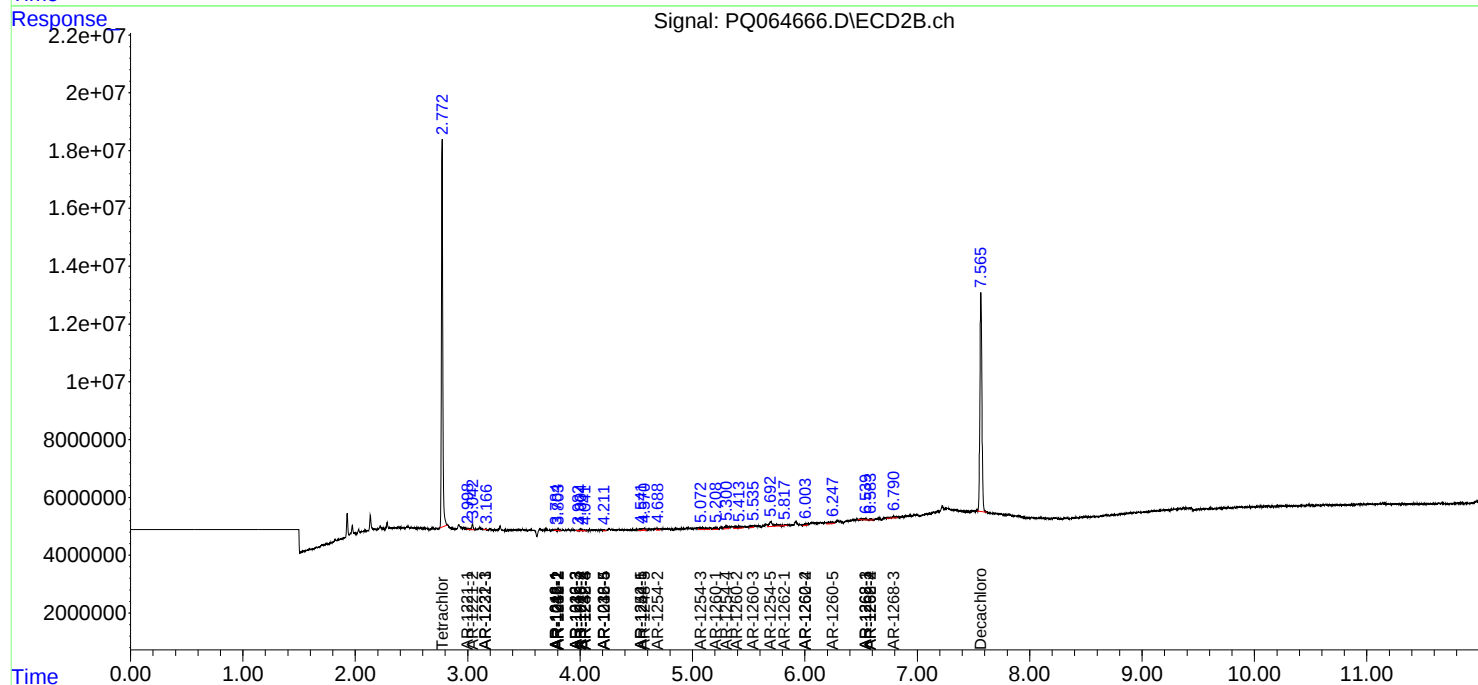
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

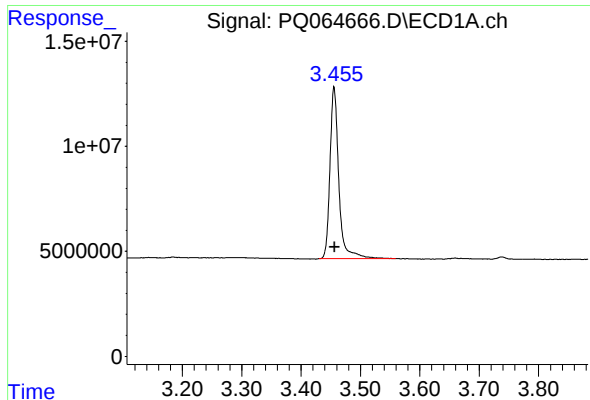
Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

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

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29

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

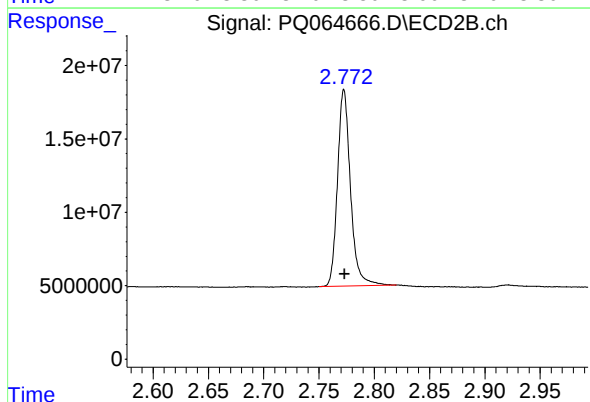




#1 Tetrachloro-m-xylene

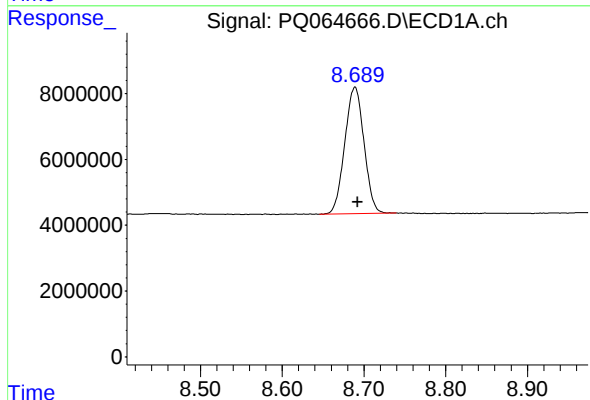
R.T.: 3.456 min
Delta R.T.: -0.001 min
Response: 84863694
Conc: 20.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



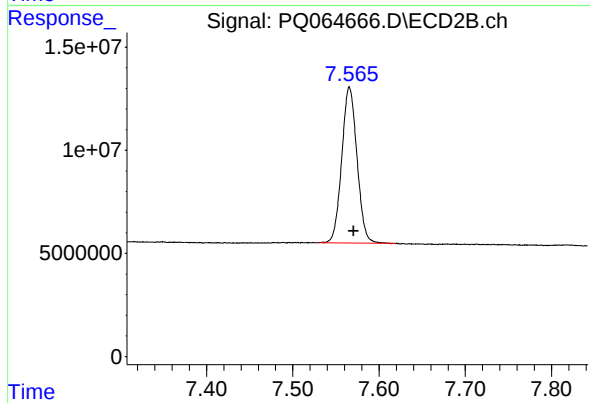
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 109695928
Conc: 26.13 ng/ml



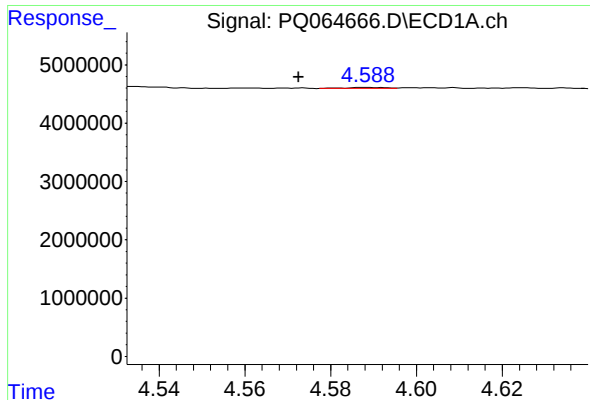
#2 Decachlorobiphenyl

R.T.: 8.689 min
Delta R.T.: -0.003 min
Response: 62972344
Conc: 21.48 ng/ml



#2 Decachlorobiphenyl

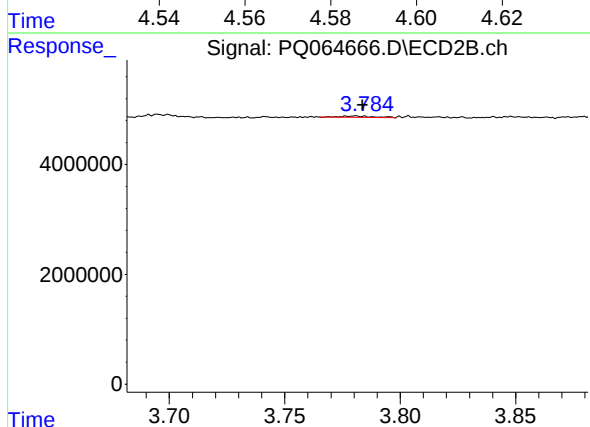
R.T.: 7.566 min
Delta R.T.: -0.005 min
Response: 92657968
Conc: 22.96 ng/ml



#3 AR-1016-1

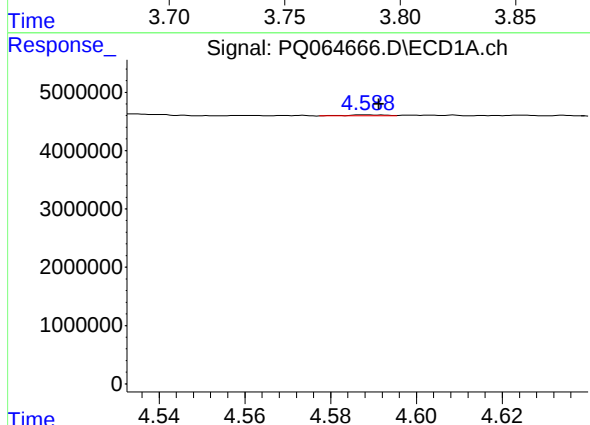
R.T.: 4.588 min
Delta R.T.: 0.016 min
Response: 121517
Conc: 0.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



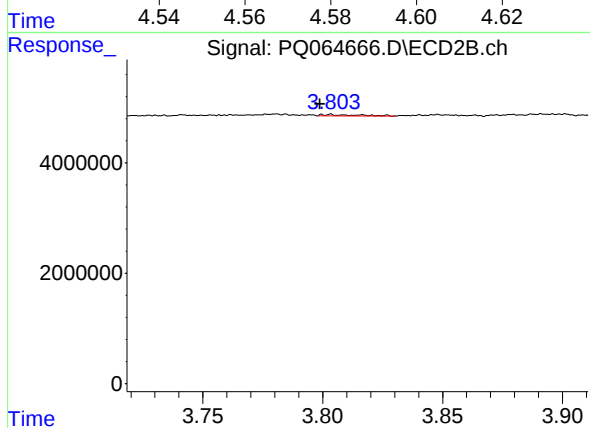
#3 AR-1016-1

R.T.: 3.780 min
Delta R.T.: -0.003 min
Response: 228652
Conc: 1.88 ng/ml



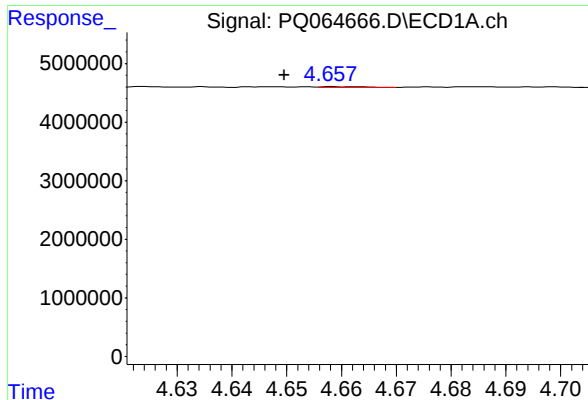
#4 AR-1016-2

R.T.: 4.588 min
Delta R.T.: -0.003 min
Response: 121517
Conc: 0.63 ng/ml



#4 AR-1016-2

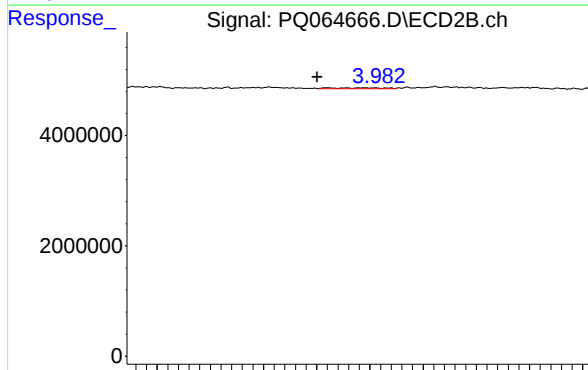
R.T.: 3.803 min
Delta R.T.: 0.005 min
Response: 238217
Conc: 1.30 ng/ml



#5 AR-1016-3

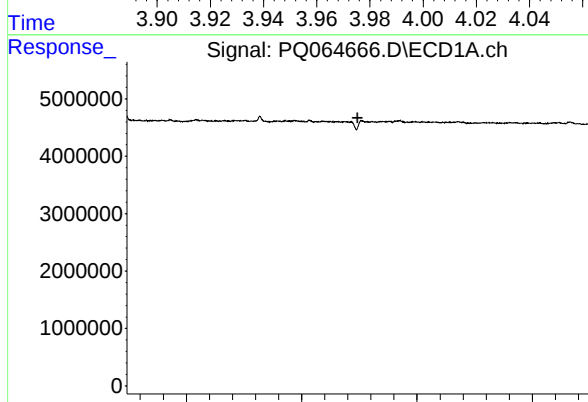
R.T.: 4.658 min
Delta R.T.: 0.009 min
Response: 64993
Conc: 0.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



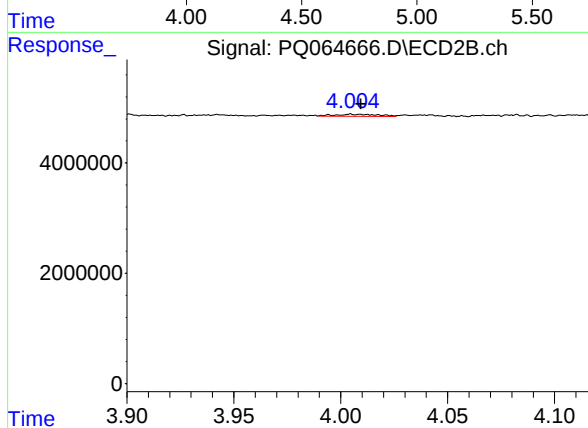
#5 AR-1016-3

R.T.: 3.965 min
Delta R.T.: 0.004 min
Response: 210705
Conc: 2.17 ng/ml



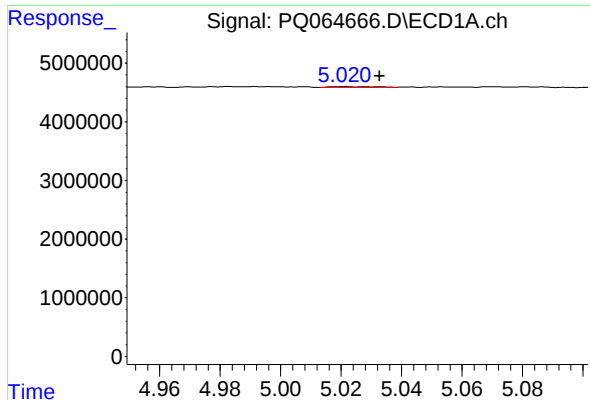
#6 AR-1016-4

R.T.: 4.757 min
Delta R.T.: 0.015 min
Response: -485540
Conc: N.D.



#6 AR-1016-4

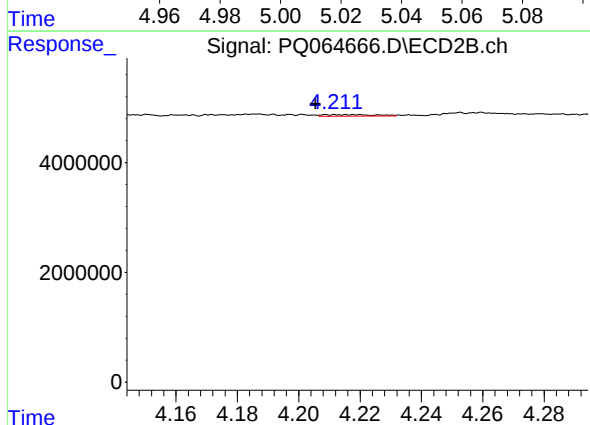
R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 533956
Conc: 6.39 ng/ml



#7 AR-1016-5

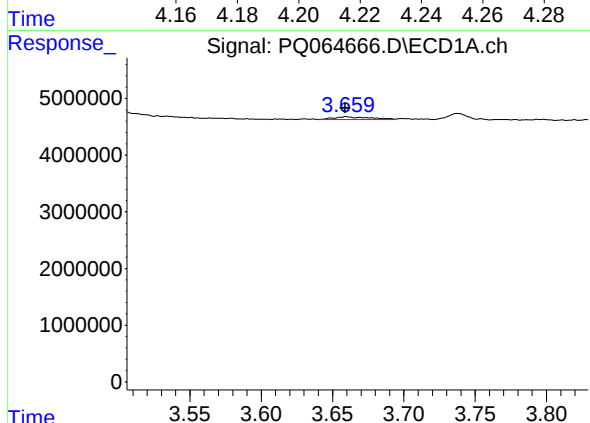
R.T.: 5.021 min
Delta R.T.: -0.011 min
Response: 145555
Conc: 1.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



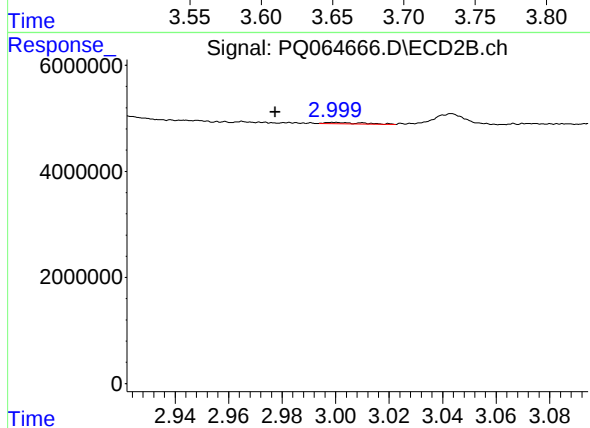
#7 AR-1016-5

R.T.: 4.212 min
Delta R.T.: 0.006 min
Response: 324249
Conc: 3.20 ng/ml



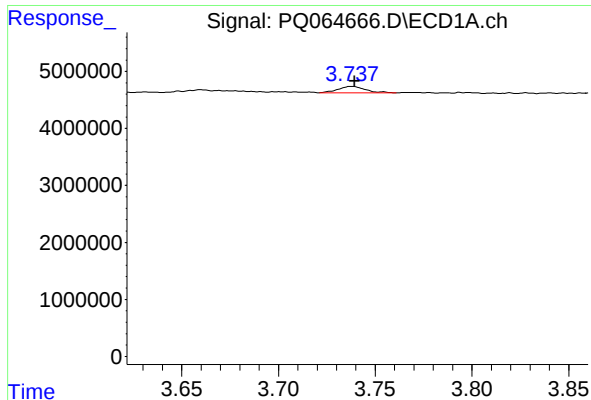
#8 AR-1221-1

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 925989
Conc: 18.24 ng/ml



#8 AR-1221-1

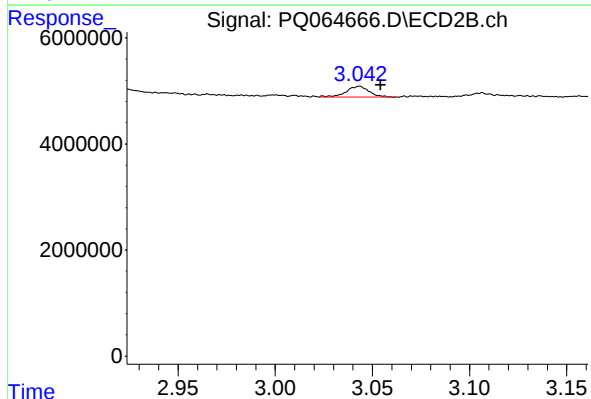
R.T.: 2.999 min
Delta R.T.: 0.022 min
Response: 206982
Conc: 3.66 ng/ml



#9 AR-1221-2

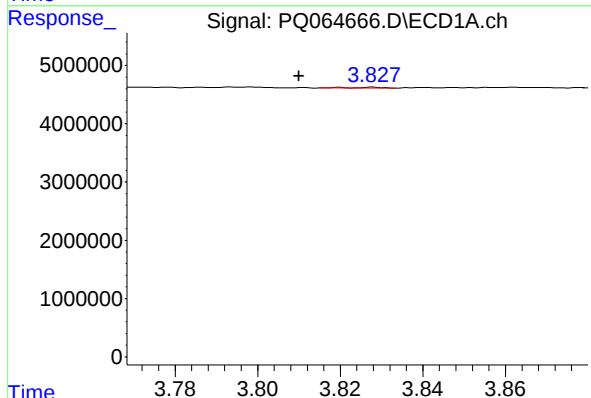
R.T.: 3.738 min
Delta R.T.: -0.001 min
Response: 1110509
Conc: 30.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



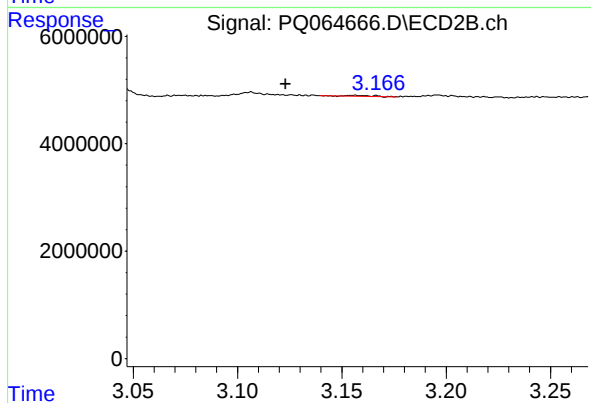
#9 AR-1221-2

R.T.: 3.043 min
Delta R.T.: -0.011 min
Response: 1667933
Conc: 39.59 ng/ml



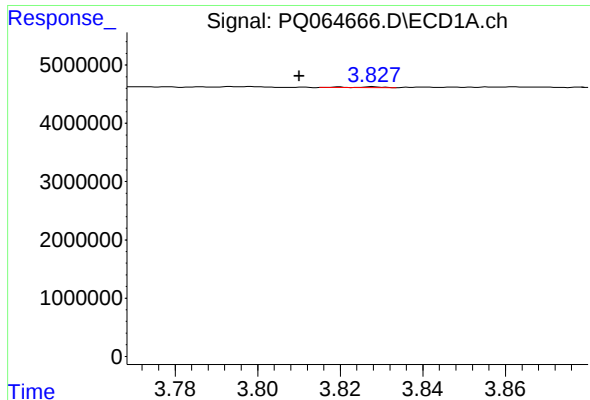
#10 AR-1221-3

R.T.: 3.828 min
Delta R.T.: 0.018 min
Response: 71696
Conc: 0.63 ng/ml



#10 AR-1221-3

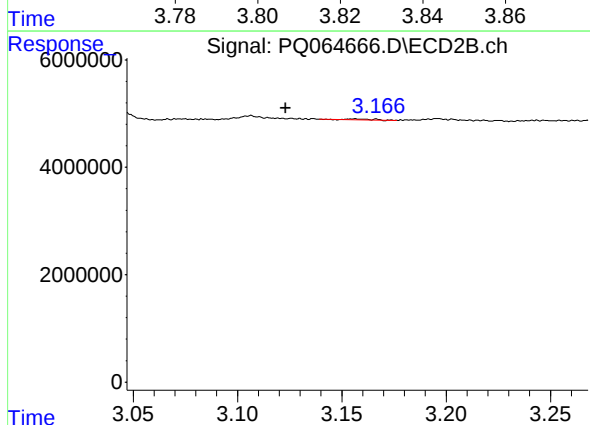
R.T.: 3.156 min
Delta R.T.: 0.033 min
Response: 112079
Conc: 0.88 ng/ml



#11 AR-1232-1

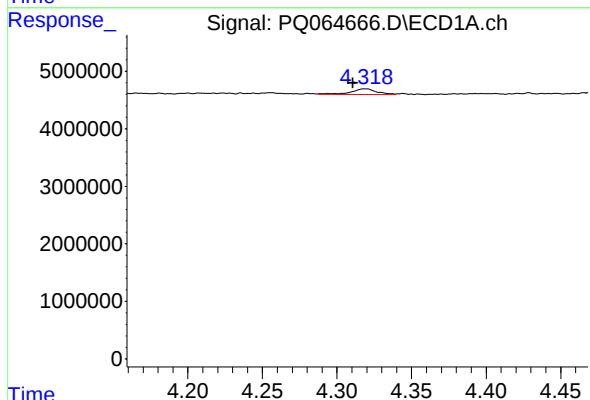
R.T.: 3.828 min
Delta R.T.: 0.018 min
Response: 71696
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



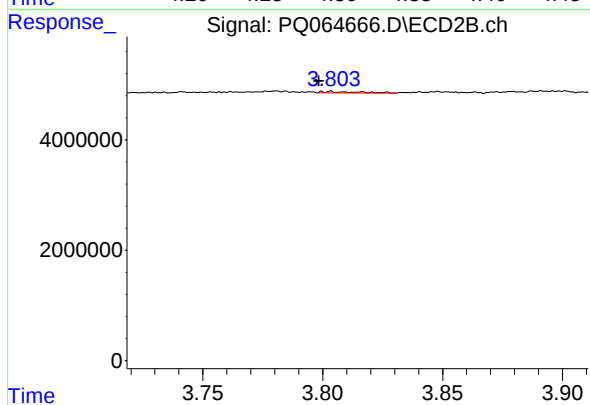
#11 AR-1232-1

R.T.: 3.156 min
Delta R.T.: 0.033 min
Response: 112079
Conc: 1.16 ng/ml



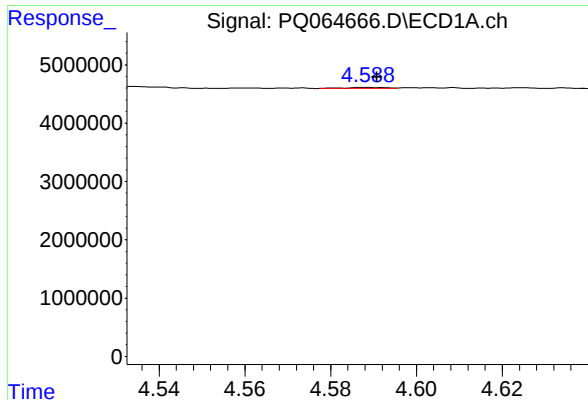
#12 AR-1232-2

R.T.: 4.319 min
Delta R.T.: 0.008 min
Response: 1206471
Conc: 24.73 ng/ml



#12 AR-1232-2

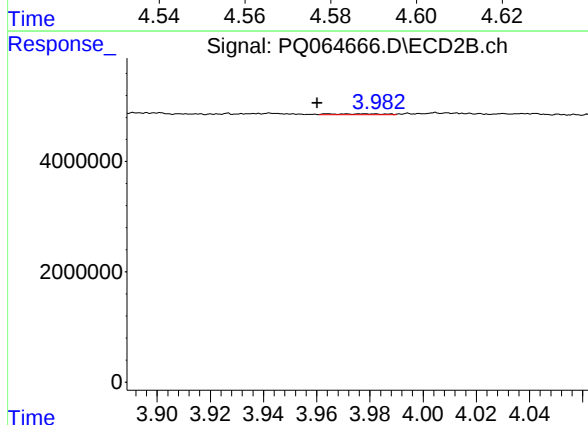
R.T.: 3.803 min
Delta R.T.: 0.005 min
Response: 238217
Conc: 2.85 ng/ml



#13 AR-1232-3

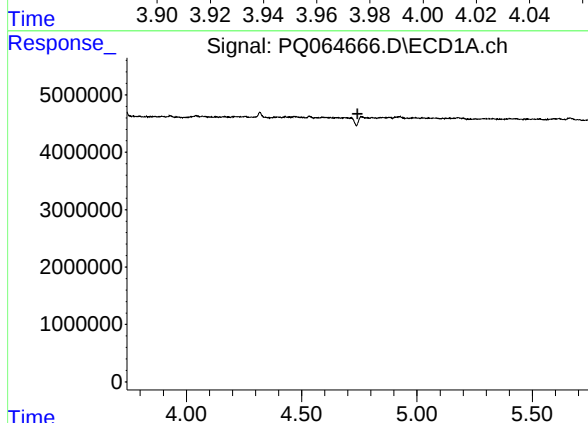
R.T.: 4.588 min
Delta R.T.: -0.003 min
Response: 121517
Conc: 1.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



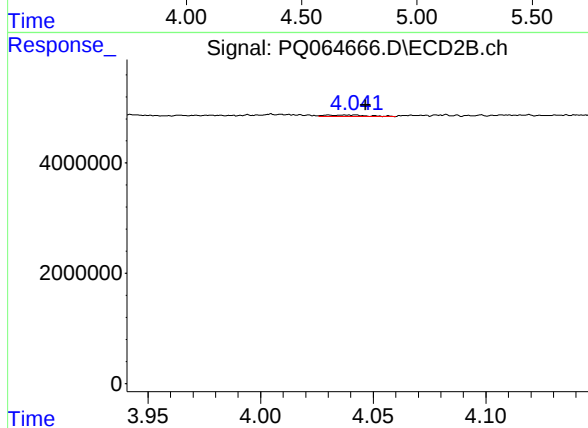
#13 AR-1232-3

R.T.: 3.965 min
Delta R.T.: 0.005 min
Response: 210705
Conc: 4.73 ng/ml



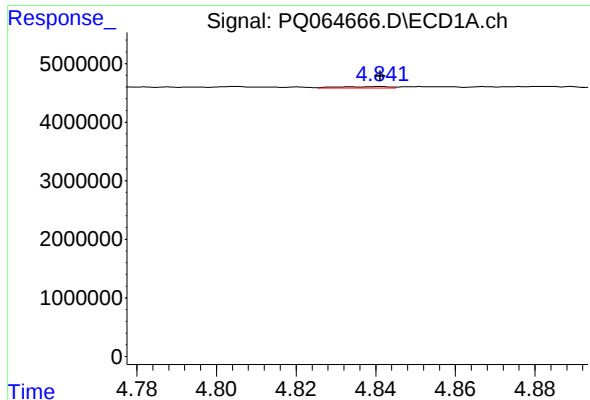
#14 AR-1232-4

R.T.: 4.757 min
Delta R.T.: 0.015 min
Response: -485540
Conc: N.D.



#14 AR-1232-4

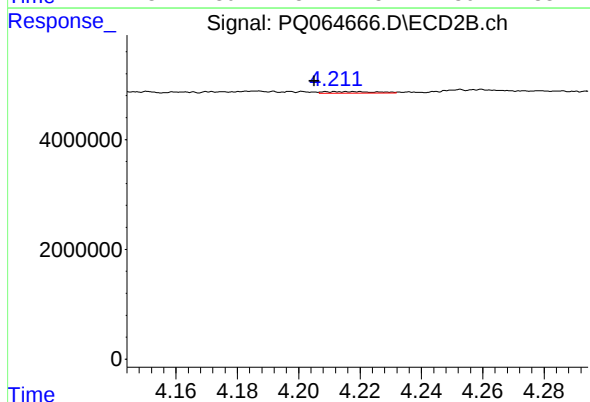
R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 352993
Conc: 9.24 ng/ml



#15 AR-1232-5

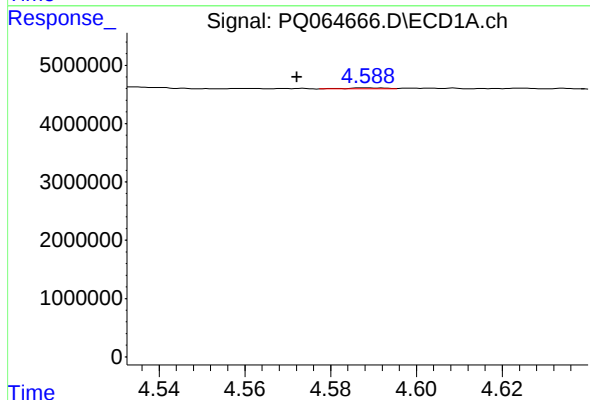
R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 207629
Conc: 6.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



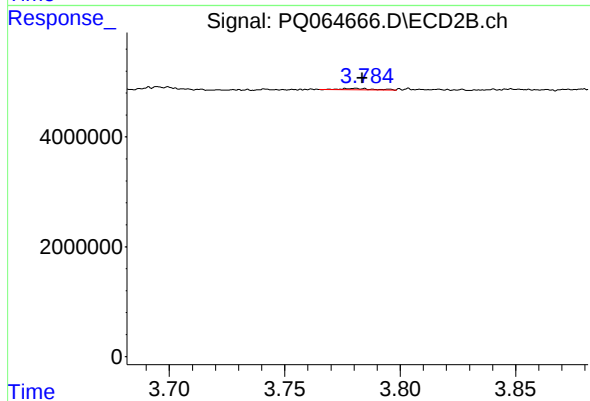
#15 AR-1232-5

R.T.: 4.212 min
Delta R.T.: 0.007 min
Response: 324249
Conc: 7.62 ng/ml



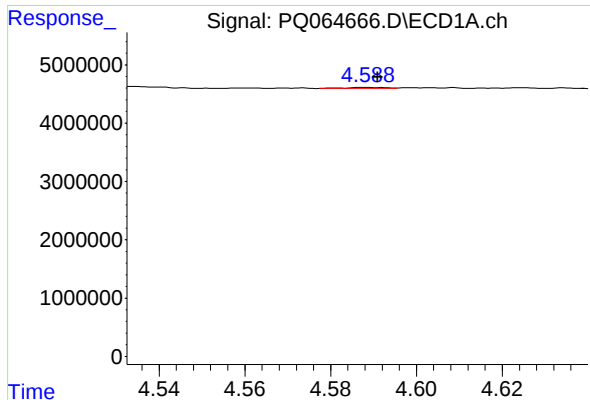
#16 AR-1242-1

R.T.: 4.588 min
Delta R.T.: 0.016 min
Response: 121517
Conc: 1.17 ng/ml



#16 AR-1242-1

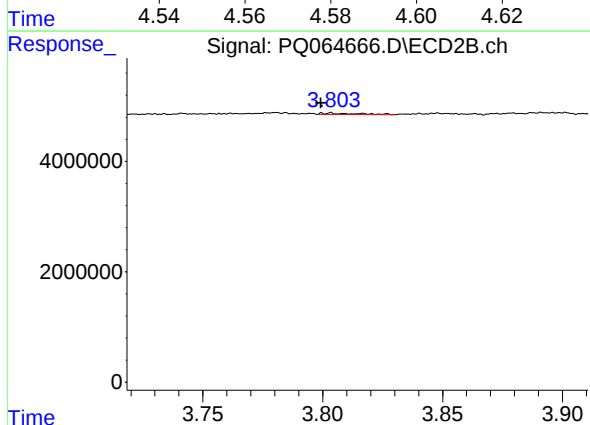
R.T.: 3.780 min
Delta R.T.: -0.003 min
Response: 228652
Conc: 2.20 ng/ml



#17 AR-1242-2

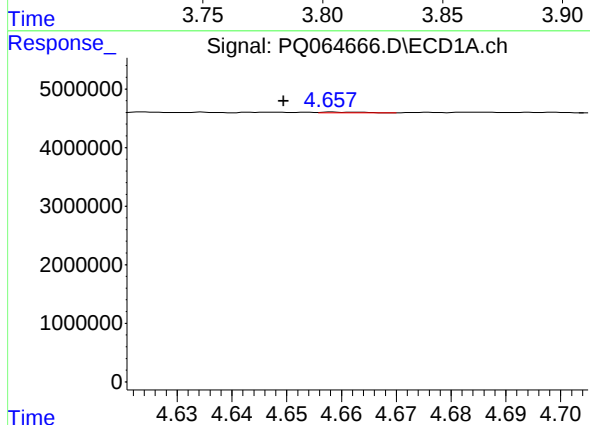
R.T.: 4.588 min
Delta R.T.: -0.003 min
Response: 121517
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



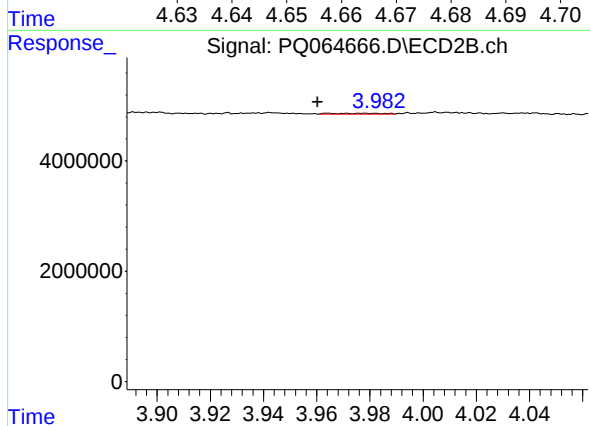
#17 AR-1242-2

R.T.: 3.803 min
Delta R.T.: 0.004 min
Response: 238217
Conc: 1.54 ng/ml



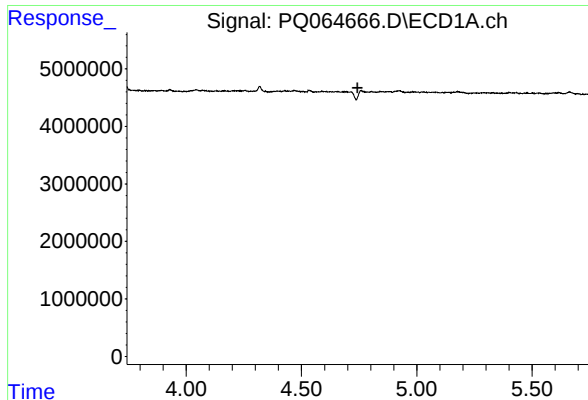
#18 AR-1242-3

R.T.: 4.658 min
Delta R.T.: 0.009 min
Response: 64993
Conc: 0.67 ng/ml



#18 AR-1242-3

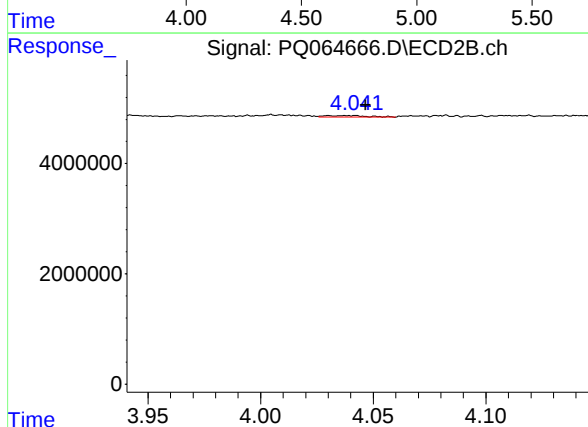
R.T.: 3.965 min
Delta R.T.: 0.004 min
Response: 210705
Conc: 2.57 ng/ml



#19 AR-1242-4

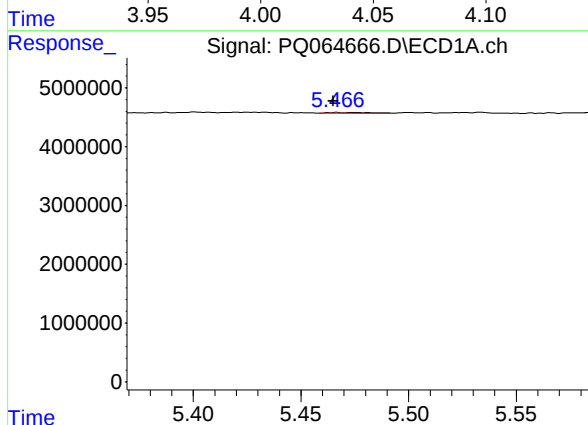
R.T.: 4.757 min
Delta R.T.: 0.014 min
Response: -485540
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



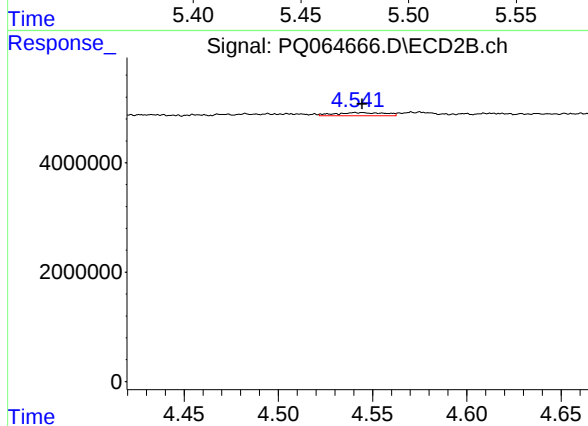
#19 AR-1242-4

R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 352993
Conc: 4.52 ng/ml



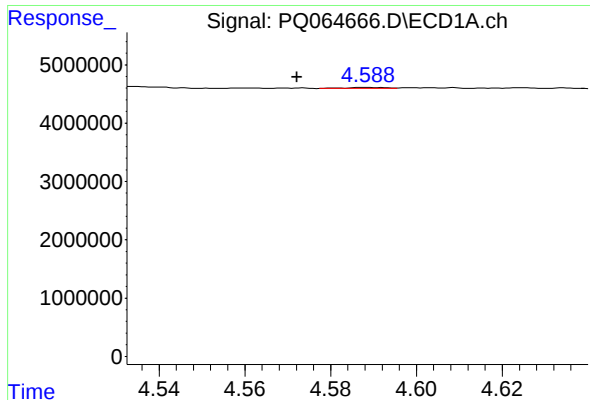
#20 AR-1242-5

R.T.: 5.466 min
Delta R.T.: 0.001 min
Response: 209809
Conc: 2.53 ng/ml



#20 AR-1242-5

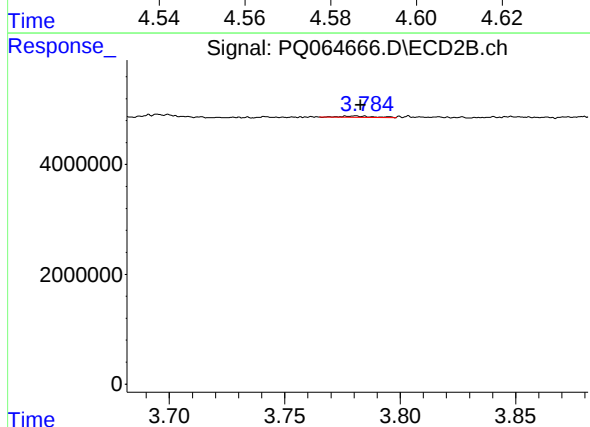
R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 1099976
Conc: 11.41 ng/ml



#21 AR-1248-1

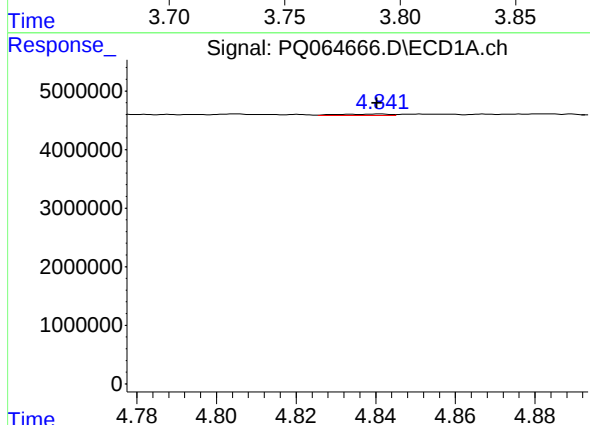
R.T.: 4.588 min
Delta R.T.: 0.016 min
Response: 121517
Conc: 1.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



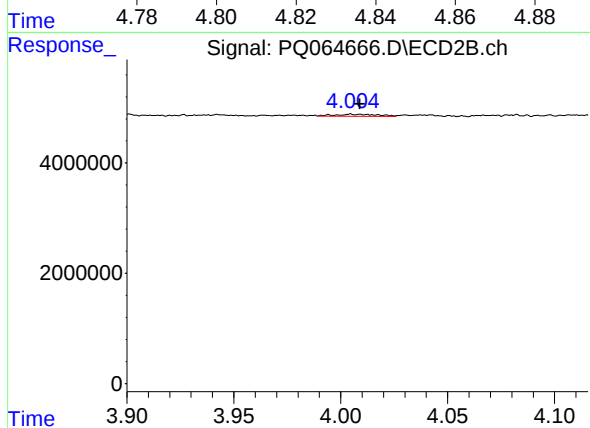
#21 AR-1248-1

R.T.: 3.780 min
Delta R.T.: -0.003 min
Response: 228652
Conc: 2.83 ng/ml



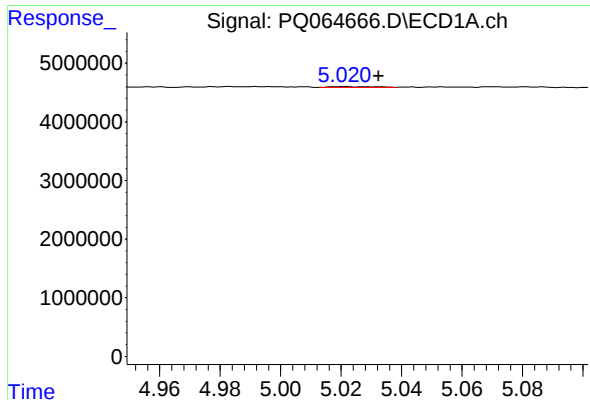
#22 AR-1248-2

R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 207629
Conc: 1.86 ng/ml



#22 AR-1248-2

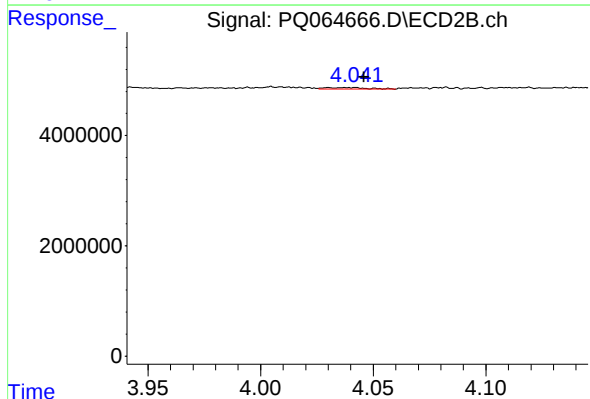
R.T.: 4.005 min
Delta R.T.: -0.004 min
Response: 533956
Conc: 4.36 ng/ml



#23 AR-1248-3

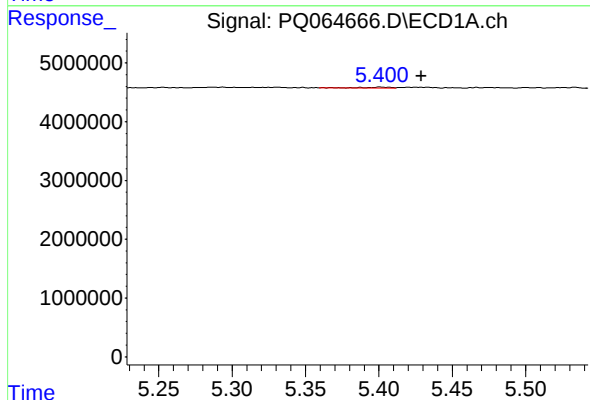
R.T.: 5.021 min
Delta R.T.: -0.011 min
Response: 145555
Conc: 1.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



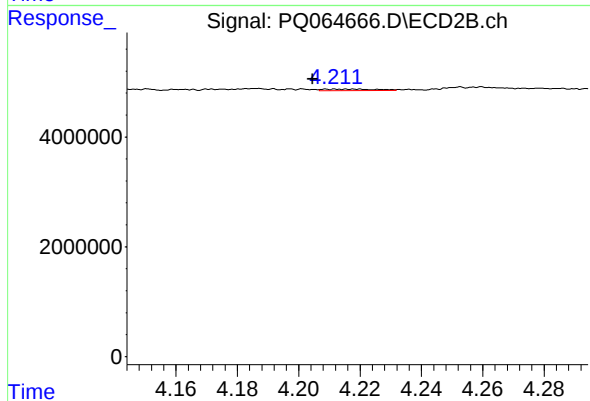
#23 AR-1248-3

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 352993
Conc: 3.03 ng/ml



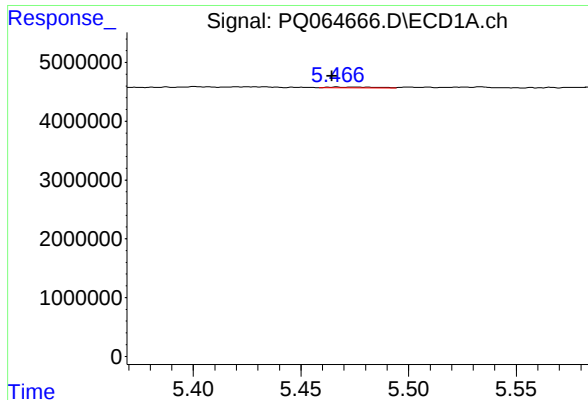
#24 AR-1248-4

R.T.: 5.401 min
Delta R.T.: -0.028 min
Response: 197117
Conc: 1.38 ng/ml



#24 AR-1248-4

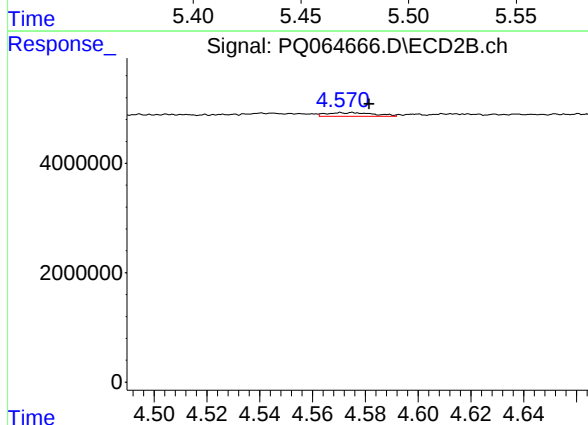
R.T.: 4.212 min
Delta R.T.: 0.007 min
Response: 324249
Conc: 2.31 ng/ml



#25 AR-1248-5

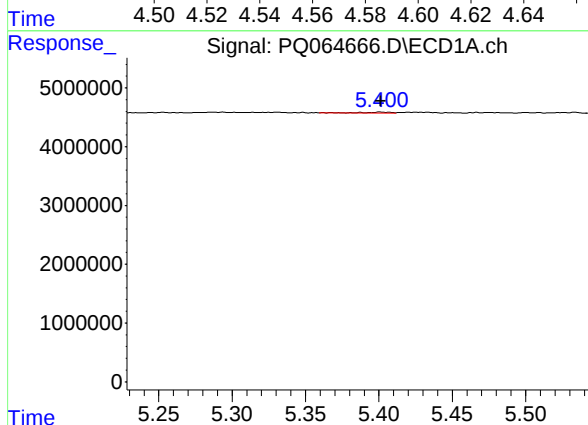
R.T.: 5.466 min
Delta R.T.: 0.002 min
Response: 209809
Conc: 1.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



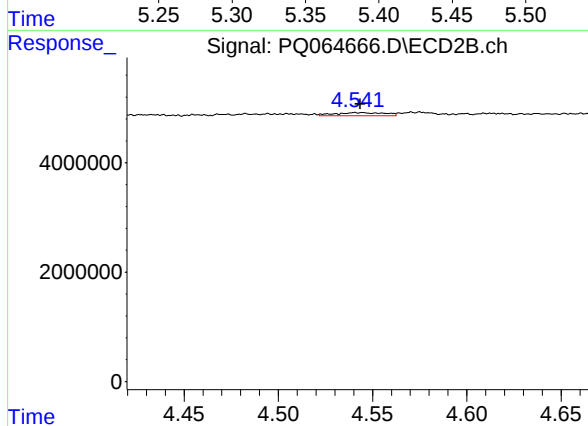
#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: -0.011 min
Response: 832626
Conc: 6.26 ng/ml



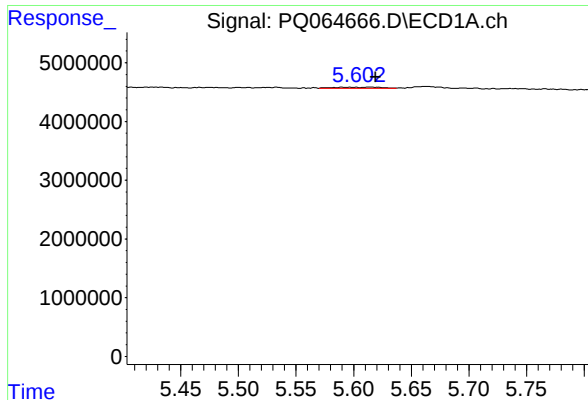
#26 AR-1254-1

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 197117
Conc: 1.29 ng/ml



#26 AR-1254-1

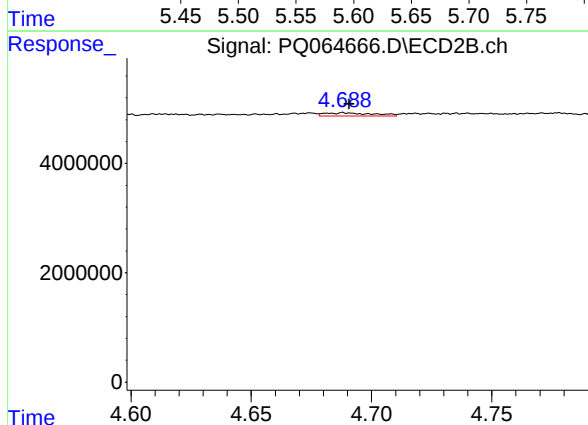
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 1099976
Conc: 5.25 ng/ml



#27 AR-1254-2

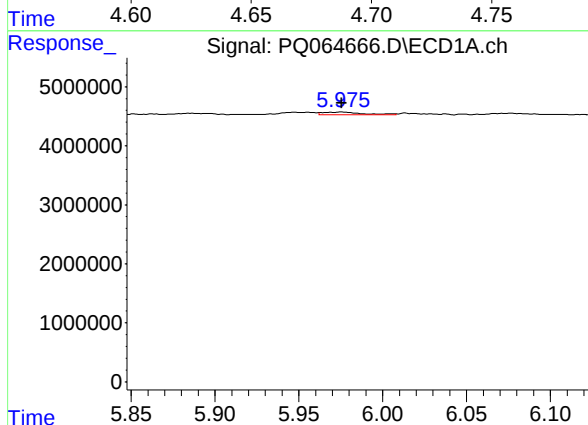
R.T.: 5.602 min
Delta R.T.: -0.017 min
Response: 602118
Conc: 2.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



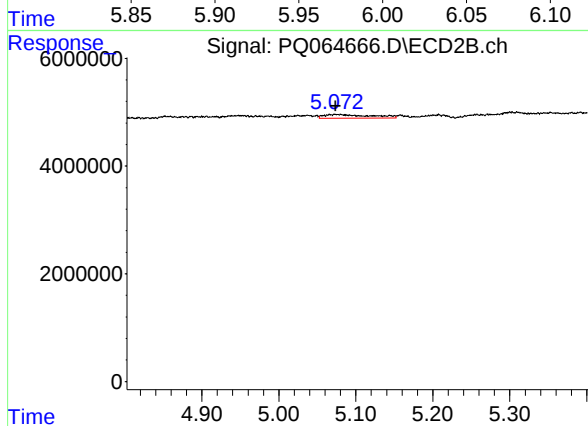
#27 AR-1254-2

R.T.: 4.689 min
Delta R.T.: -0.002 min
Response: 846177
Conc: 4.57 ng/ml



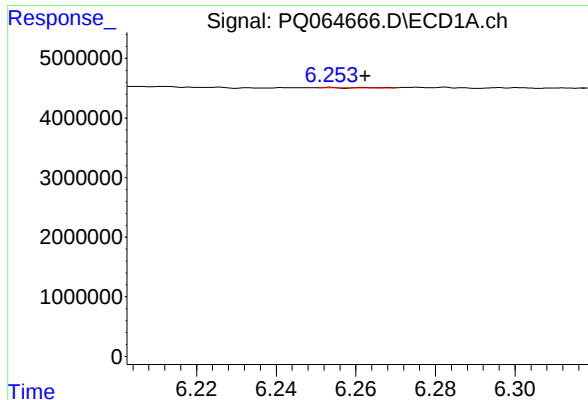
#28 AR-1254-3

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 731335
Conc: 2.98 ng/ml



#28 AR-1254-3

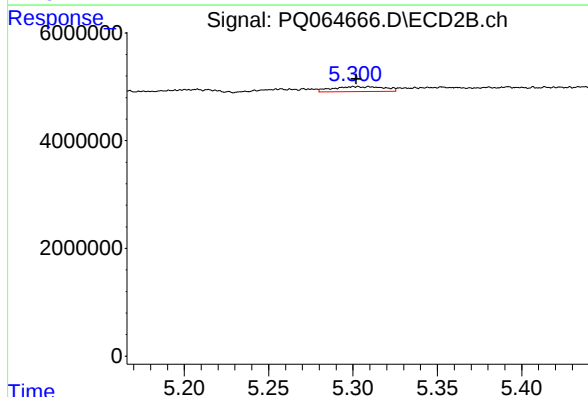
R.T.: 5.080 min
Delta R.T.: 0.006 min
Response: 3031110
Conc: 10.71 ng/ml



#29 AR-1254-4

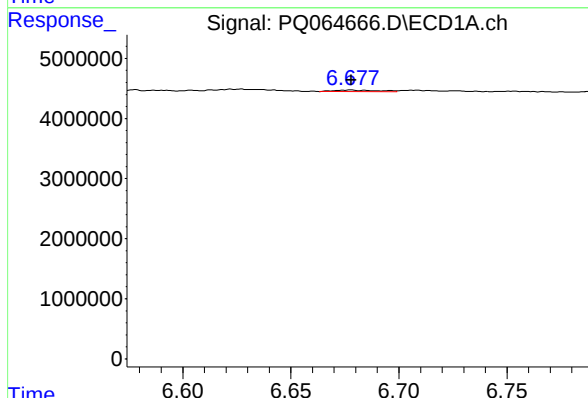
R.T.: 6.253 min
Delta R.T.: -0.009 min
Response: 42588
Conc: 0.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



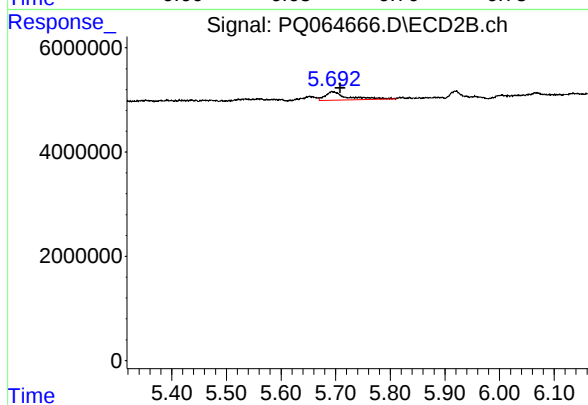
#29 AR-1254-4

R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 1965072
Conc: 10.59 ng/ml



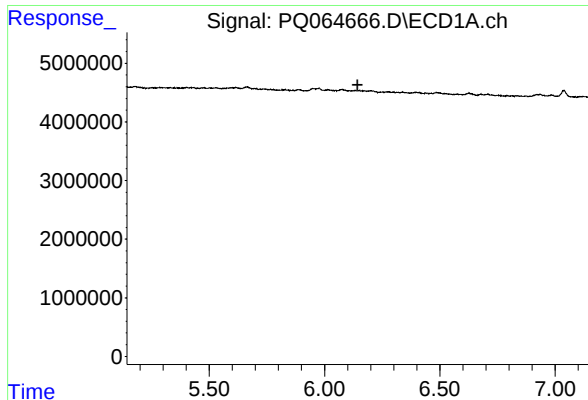
#30 AR-1254-5

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 376016
Conc: 1.95 ng/ml



#30 AR-1254-5

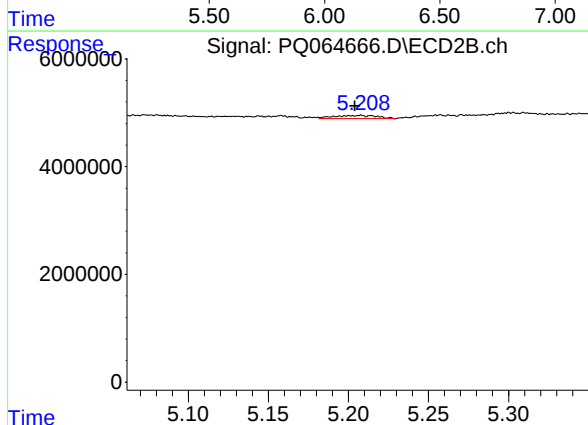
R.T.: 5.694 min
Delta R.T.: -0.014 min
Response: 4385023
Conc: 16.89 ng/ml



#31 AR-1260-1

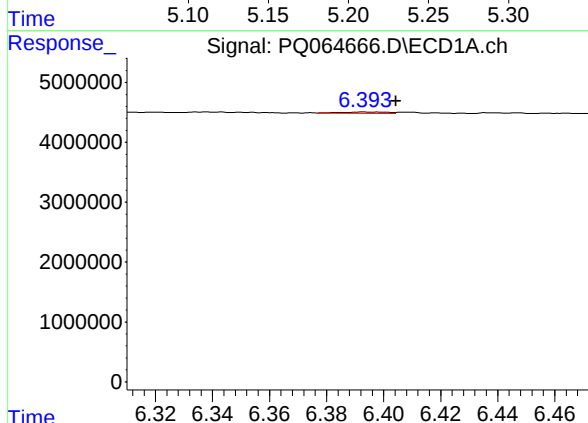
R.T.: 0.000 min
Exp R.T.: 6.143 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



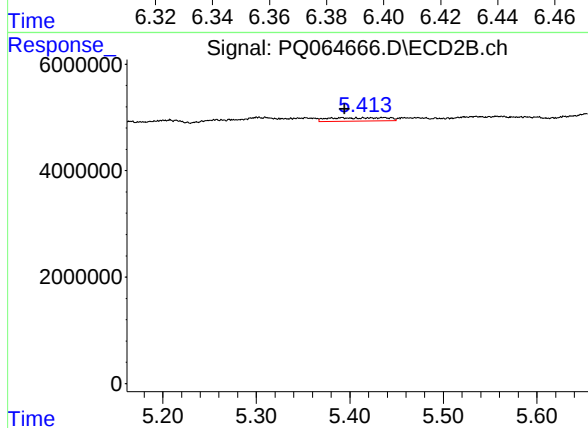
#31 AR-1260-1

R.T.: 5.208 min
Delta R.T.: 0.003 min
Response: 1067188
Conc: 5.52 ng/ml



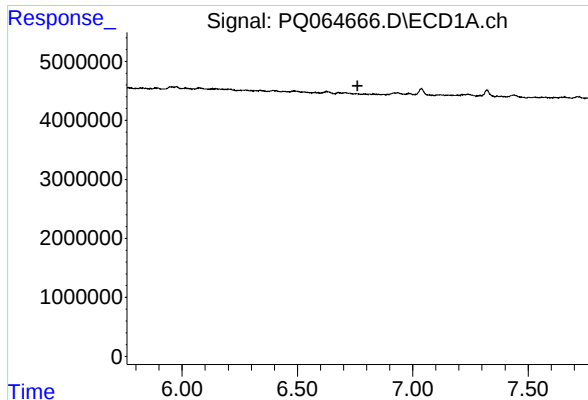
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: -0.012 min
Response: 231422
Conc: 1.07 ng/ml



#32 AR-1260-2

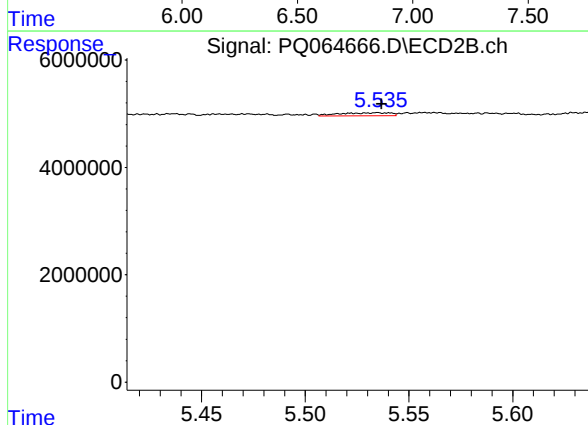
R.T.: 5.392 min
Delta R.T.: -0.003 min
Response: 2609751
Conc: 11.21 ng/ml



#33 AR-1260-3

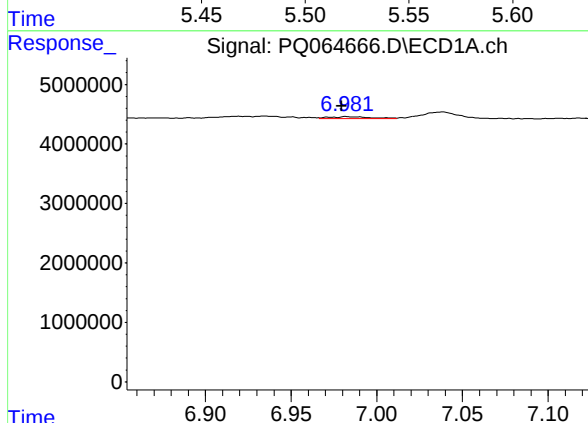
R.T.: 0.000 min
Exp R.T.: 6.760 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



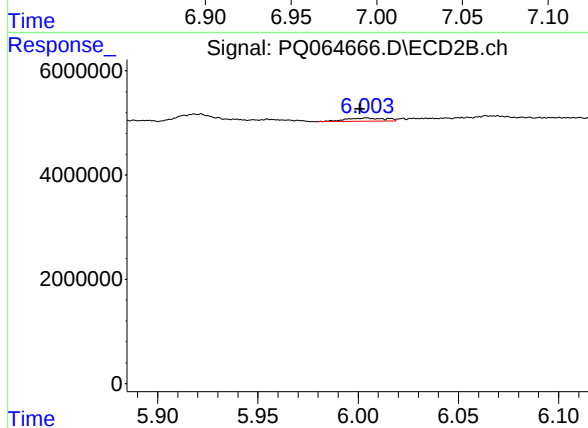
#33 AR-1260-3

R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 994194
Conc: 4.57 ng/ml



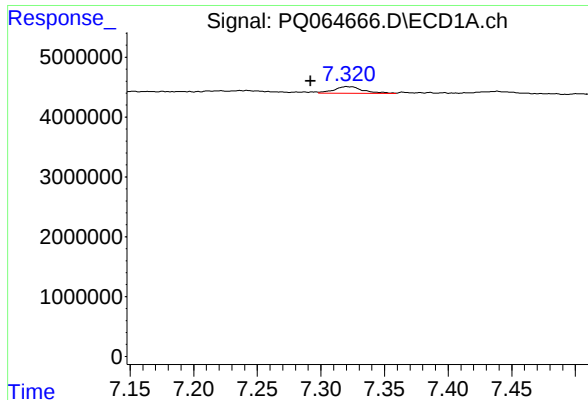
#34 AR-1260-4

R.T.: 6.982 min
Delta R.T.: 0.003 min
Response: 516929
Conc: 3.01 ng/ml



#34 AR-1260-4

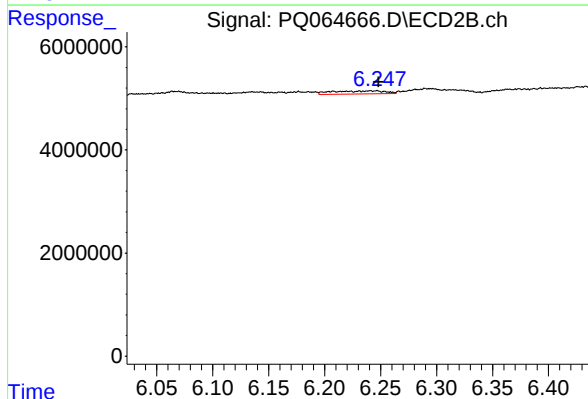
R.T.: 6.004 min
Delta R.T.: 0.003 min
Response: 868572
Conc: 4.72 ng/ml



#35 AR-1260-5

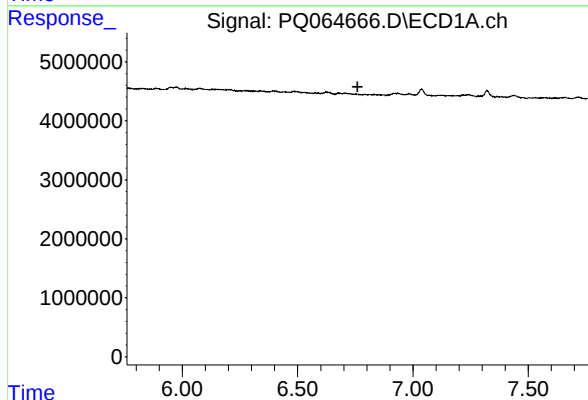
R.T.: 7.320 min
Delta R.T.: 0.028 min
Response: 1852043
Conc: 5.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



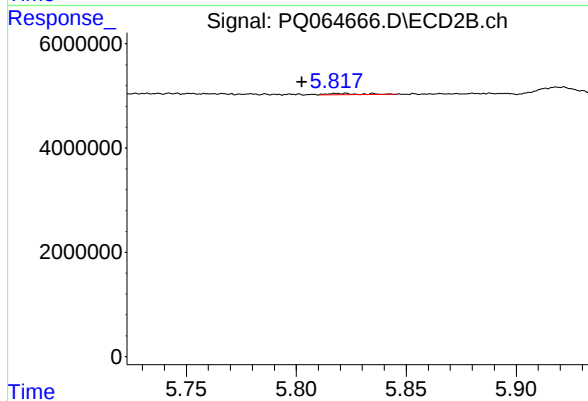
#35 AR-1260-5

R.T.: 6.242 min
Delta R.T.: -0.006 min
Response: 1952007
Conc: 4.50 ng/ml



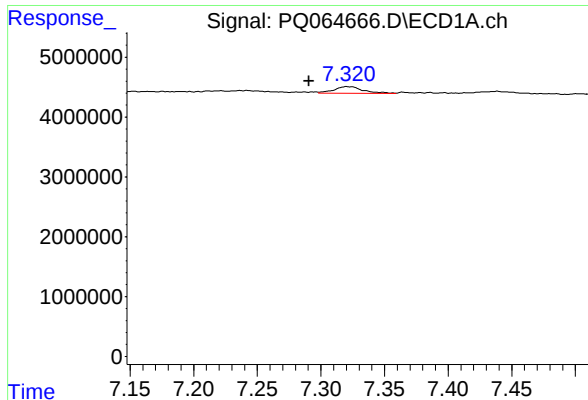
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 6.760 min
Response: 0
Conc: N.D.



#36 AR-1262-1

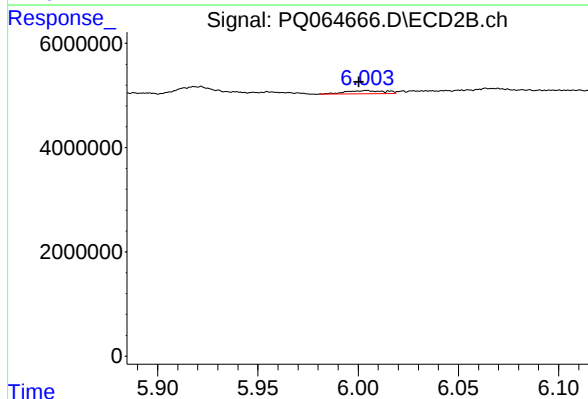
R.T.: 5.820 min
Delta R.T.: 0.017 min
Response: 234715
Conc: 2.06 ng/ml



#37 AR-1262-2

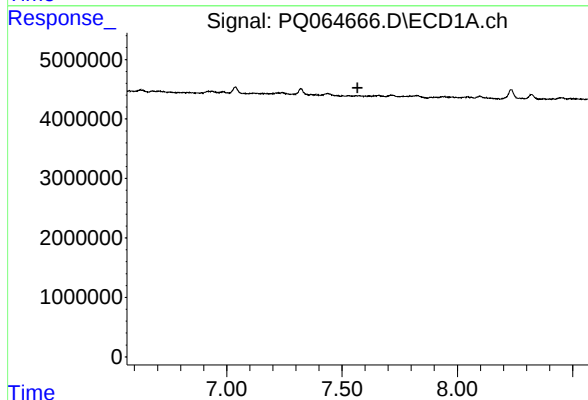
R.T.: 7.320 min
Delta R.T.: 0.030 min
Response: 1852043
Conc: 4.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



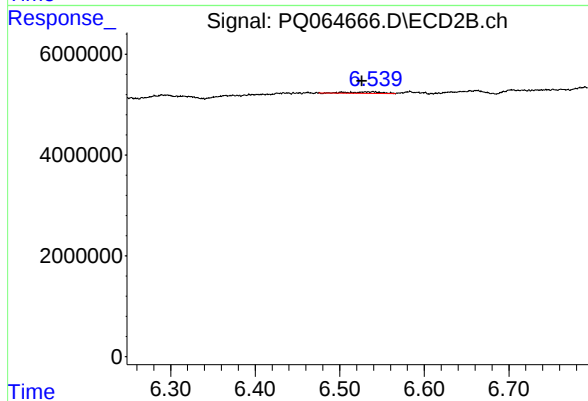
#37 AR-1262-2

R.T.: 6.004 min
Delta R.T.: 0.003 min
Response: 868572
Conc: 3.41 ng/ml



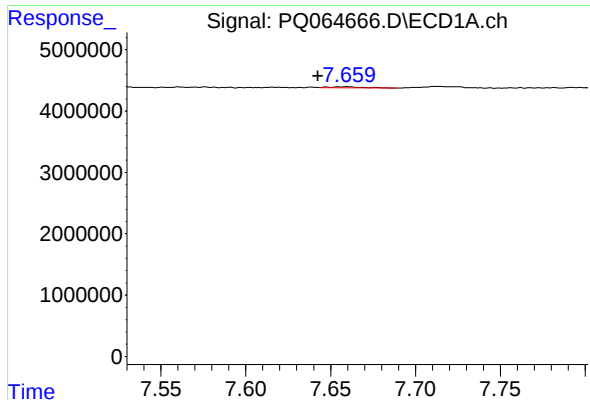
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 7.567 min
Response: 0
Conc: N.D.



#38 AR-1262-3

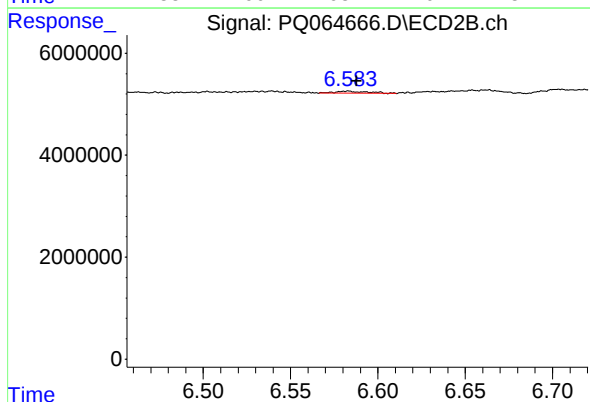
R.T.: 6.539 min
Delta R.T.: 0.013 min
Response: 620373
Conc: 2.75 ng/ml



#39 AR-1262-4

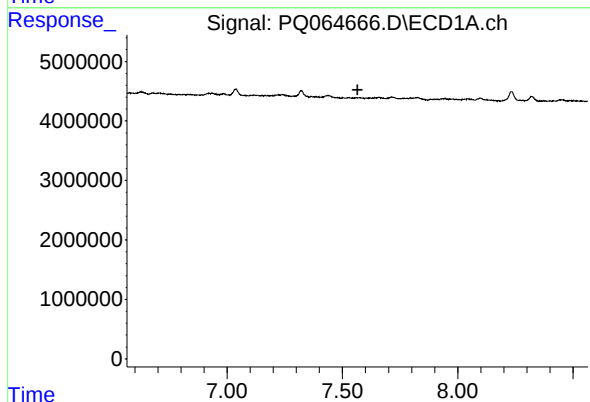
R.T.: 7.660 min
Delta R.T.: 0.018 min
Response: 269273
Conc: 1.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



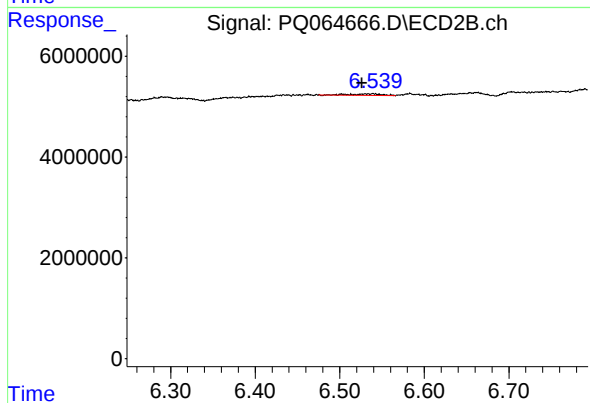
#39 AR-1262-4

R.T.: 6.583 min
Delta R.T.: -0.005 min
Response: 454478
Conc: 1.05 ng/ml



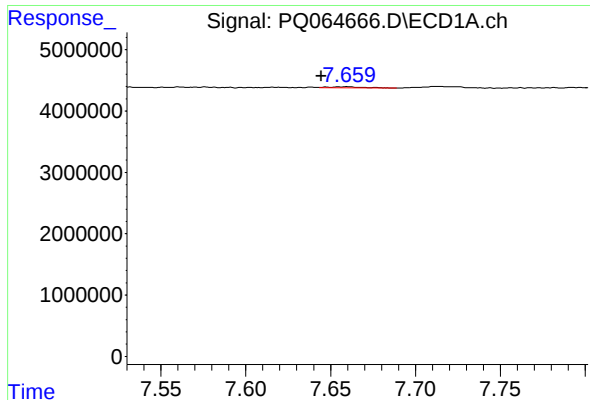
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 7.565 min
Response: 0
Conc: N.D.



#41 AR-1268-1

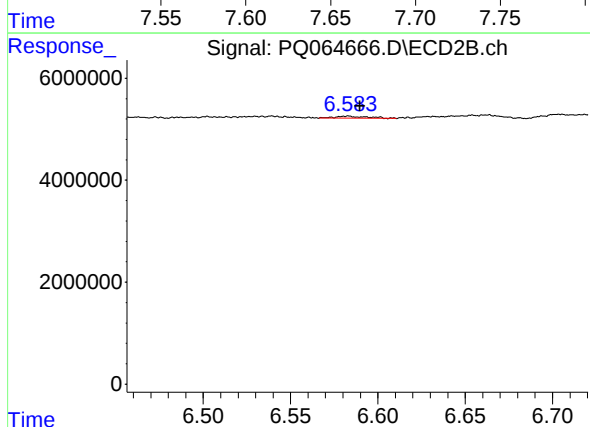
R.T.: 6.539 min
Delta R.T.: 0.012 min
Response: 620373
Conc: 0.94 ng/ml



#42 AR-1268-2

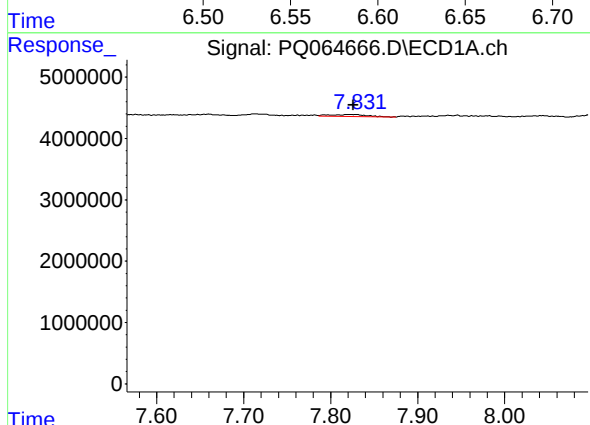
R.T.: 7.660 min
Delta R.T.: 0.016 min
Response: 269273
Conc: 0.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



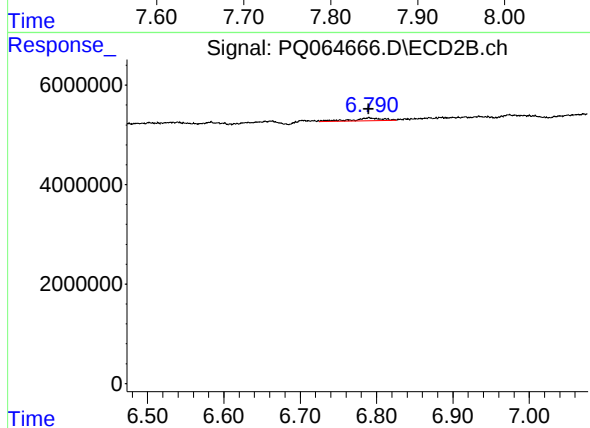
#42 AR-1268-2

R.T.: 6.583 min
Delta R.T.: -0.007 min
Response: 454478
Conc: 0.73 ng/ml



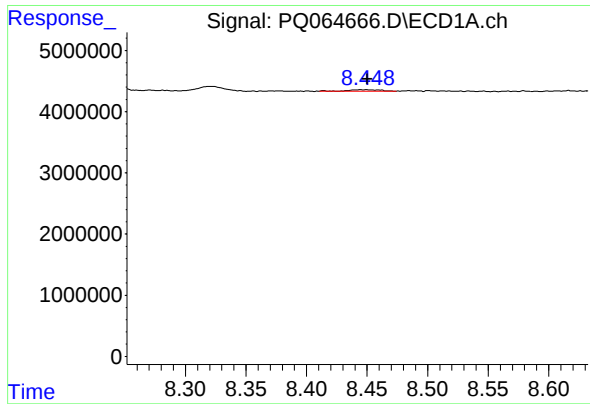
#43 AR-1268-3

R.T.: 7.829 min
Delta R.T.: 0.003 min
Response: 836143
Conc: 2.21 ng/ml



#43 AR-1268-3

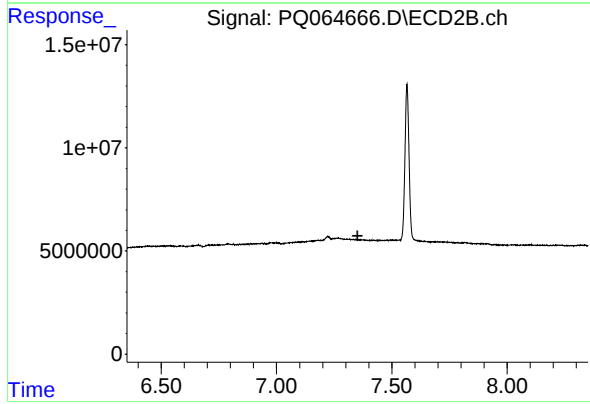
R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 1408266
Conc: 2.20 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: 0.000 min
Response: 388418
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
GHL-SS-29



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.351 min
Response: 0
Conc: N.D.