

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012324\
 Data File : PQ064963.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2024 13:38
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 01:27:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 18 00:09:27 2024
 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...	3.473	2.743	67432981	136.9E6	18.101	20.497
2) SA Decachlor...	8.779	7.522	55852806	144.0E6	18.073	19.819
Target Compounds						
3) L1 AR-1016-1	4.614	3.749	437004	128731	3.622	0.515 #
4) L1 AR-1016-2	4.614	3.761	437004	162837	2.540	0.473 #
5) L1 AR-1016-3	4.692	3.920	1546212	291295	14.072	1.522 #
6) L1 AR-1016-4	4.757	3.975	287598	2183606	3.137	13.574 #
7) L1 AR-1016-5	5.053	4.160	58049	2222045	0.660	11.189 #
8) L2 AR-1221-1	3.688	2.945	251193	512457	5.589	5.388
9) L2 AR-1221-2	3.756	3.011	1083888	2690957	33.281	37.432
10) L2 AR-1221-3	3.814	3.083	350953	21012	3.494	0.108 #
11) L3 AR-1232-1	3.814	3.083	350953	21012	4.167	0.129 #
12) L3 AR-1232-2	4.321	3.761	491170	162837	10.448	0.961 #
13) L3 AR-1232-3	4.614	3.920	437004	291295	5.079	3.160 #
14) L3 AR-1232-4	4.757	3.998	287598	8146521	6.623	103.484 #
15) L3 AR-1232-5	4.855	4.172	507673	2684388	16.883	29.878 #
16) L4 AR-1242-1	4.614	3.749	437004	128731	4.304	0.604 #
17) L4 AR-1242-2	4.614	3.761	437004	162837	2.951	0.560 #
18) L4 AR-1242-3	4.692	3.920	1546212	291295	16.229	1.802 #
19) L4 AR-1242-4	4.757	3.998	287598	8146521	3.731	53.383 #
20) L4 AR-1242-5	5.465f	4.502	6377306	1128799	77.638	5.550 #
21) L5 AR-1248-1	4.614	3.743	437004	251533	5.631	1.498 #
22) L5 AR-1248-2	4.855	3.975	507673	2183606	4.911	9.317 #
23) L5 AR-1248-3	5.053	3.998	58049	8146521	0.478	36.230 #
24) L5 AR-1248-4	5.465	4.160	6377306	2222045	44.752	7.972 #
25) L5 AR-1248-5	5.465f	4.546	6377306	942794	45.270	3.295 #
26) L6 AR-1254-1	5.436	4.502	9454079	1128799	67.561	2.702 #
27) L6 AR-1254-2	5.659	4.646	2831111	1648786	13.076	4.478 #
28) L6 AR-1254-3	5.995	5.047	2139019	20345179	9.428	34.762 #
29) L6 AR-1254-4	0.000	5.254	0	1851540	N.D.	4.785 #
30) L6 AR-1254-5	0.000	5.664	0	369856	N.D.	0.676 #
31) L7 AR-1260-1	6.201	5.150	501834	25717399	2.850	63.901 #
32) L7 AR-1260-2	6.437	5.351	3088528	2822897	13.520	5.772 #
33) L7 AR-1260-3	0.000	5.482	0	430852	N.D.	0.901 #
34) L7 AR-1260-4	0.000	5.974	0	743787	N.D.	1.911 #
35) L7 AR-1260-5	0.000	6.194	0	1529122	N.D.	1.752 #
36) L8 AR-1262-1	0.000	5.664	0	369856	N.D.	1.037 #
37) L8 AR-1262-2	0.000	5.974	0	743787	N.D.	1.407 #
39) L8 AR-1262-4	7.716	6.549	203706	2841813	0.871	3.329 #
40) L8 AR-1262-5	0.000	7.032	0	150789	N.D.	0.365 #
42) L9 AR-1268-2	7.716	6.549	203706	2841813	0.467	2.477 #
43) L9 AR-1268-3	0.000	6.745	0	1669975	N.D.	1.695 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 01:27:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 18 00:09:27 2024
 Response via : Initial Calibration
 Integrator: ChemStation

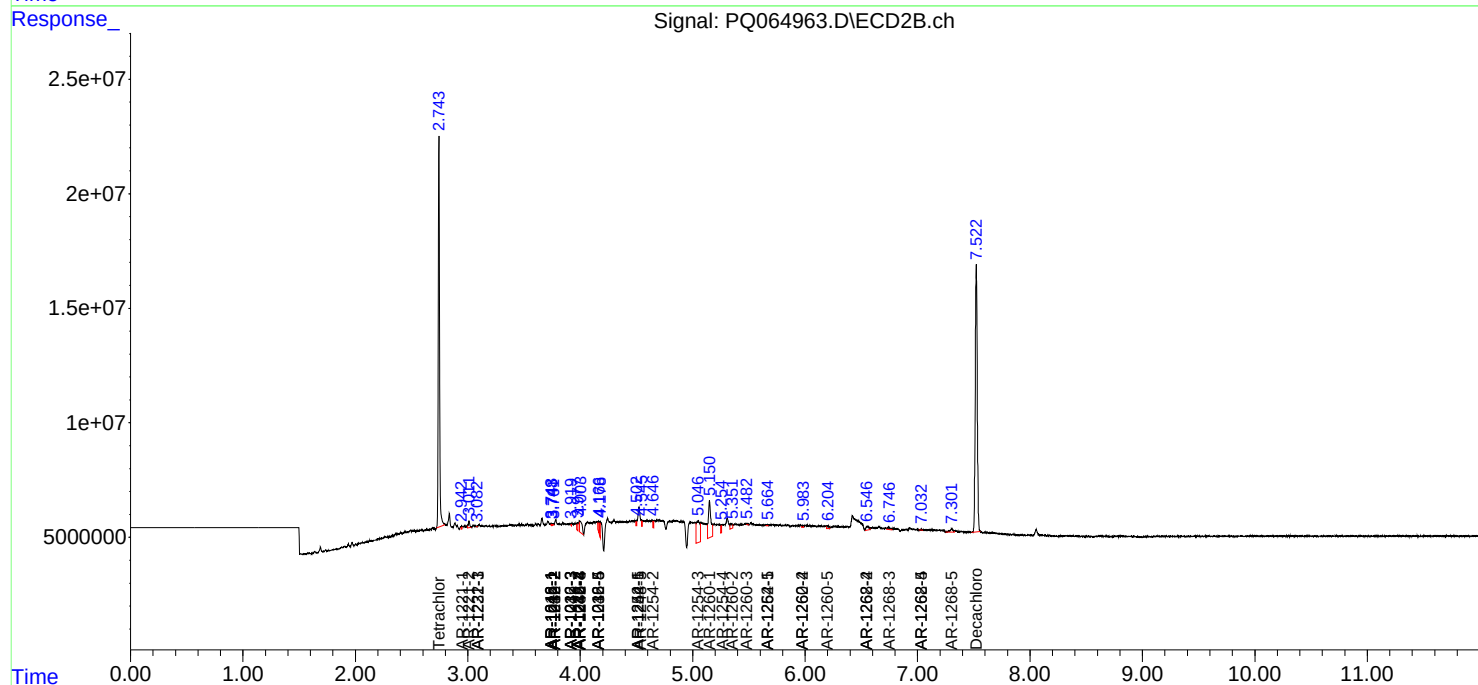
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

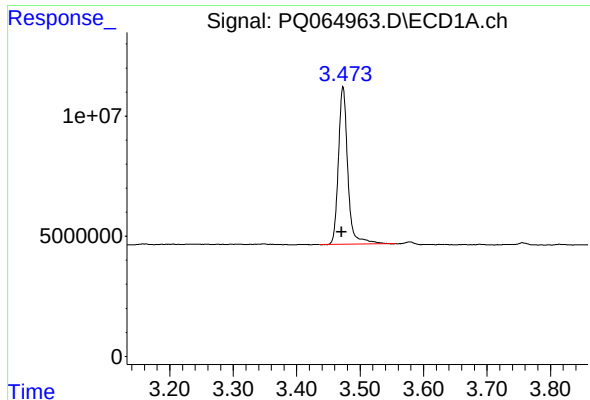
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	7.032	0	150789	N.D.	0.342 #
45) L9	AR-1268-5	8.533	7.302	721590	3041937	0.630	1.029 #

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

Instrument :
ECD_Q
ClientSampleId :
I.BLK

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

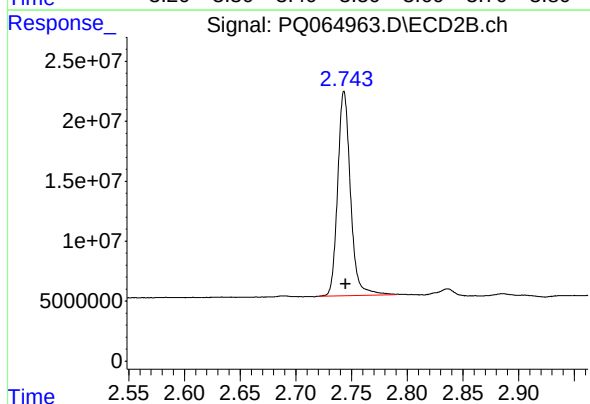




#1 Tetrachloro-m-xylene

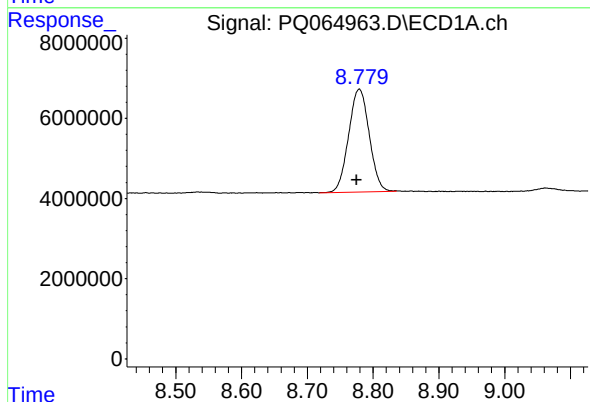
R.T.: 3.473 min
Delta R.T.: 0.002 min
Response: 67432981
Conc: 18.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



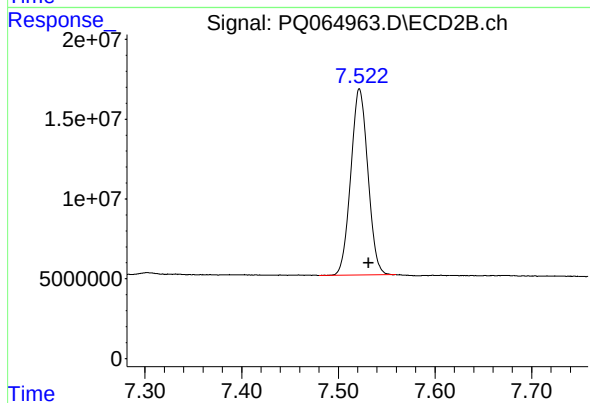
#1 Tetrachloro-m-xylene

R.T.: 2.743 min
Delta R.T.: -0.001 min
Response: 136868104
Conc: 20.50 ng/ml



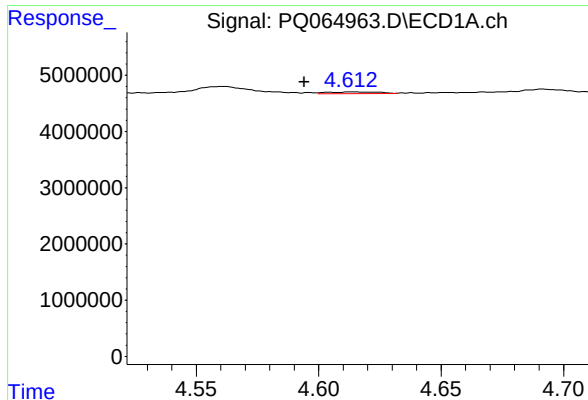
#2 Decachlorobiphenyl

R.T.: 8.779 min
Delta R.T.: 0.004 min
Response: 55852806
Conc: 18.07 ng/ml



#2 Decachlorobiphenyl

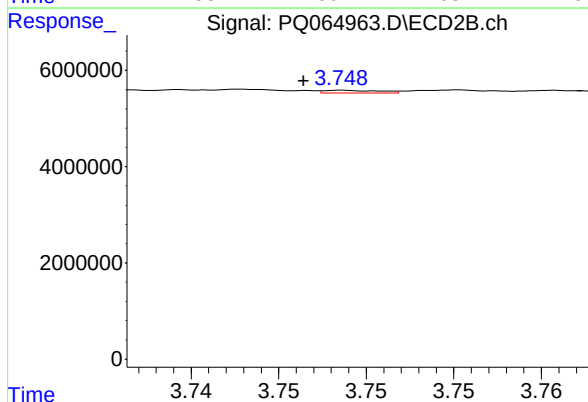
R.T.: 7.522 min
Delta R.T.: -0.009 min
Response: 144034931
Conc: 19.82 ng/ml



#3 AR-1016-1

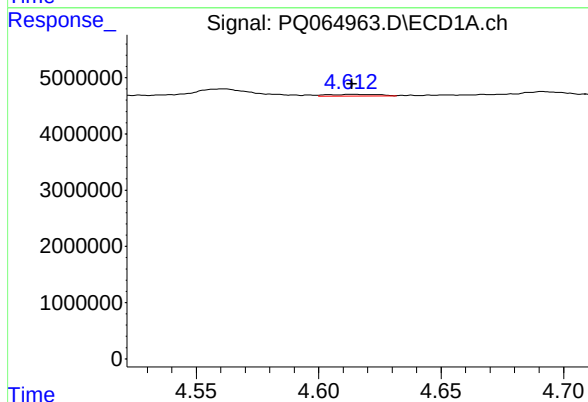
R.T.: 4.614 min
Delta R.T.: 0.019 min
Response: 437004
Conc: 3.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



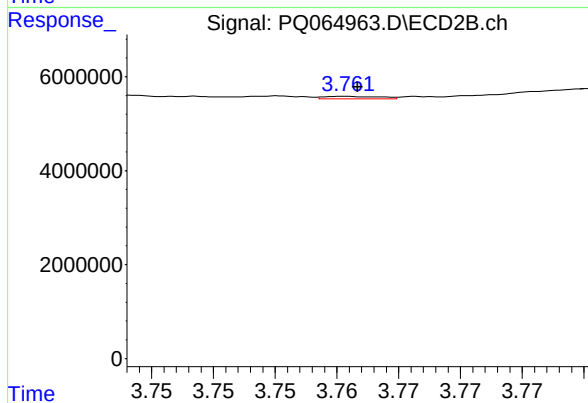
#3 AR-1016-1

R.T.: 3.749 min
Delta R.T.: 0.002 min
Response: 128731
Conc: 0.52 ng/ml



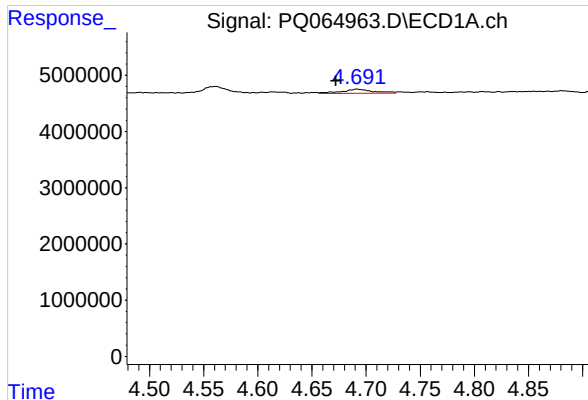
#4 AR-1016-2

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 437004
Conc: 2.54 ng/ml



#4 AR-1016-2

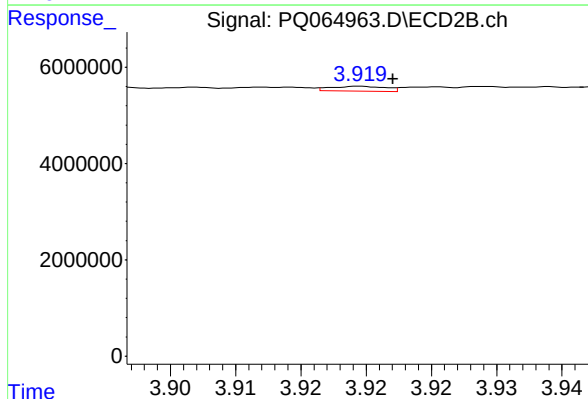
R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 162837
Conc: 0.47 ng/ml



#5 AR-1016-3

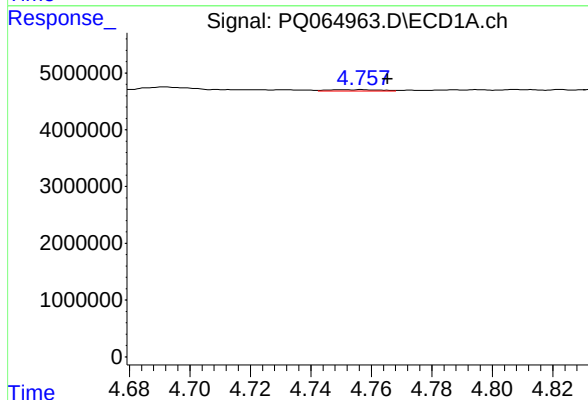
R.T.: 4.692 min
Delta R.T.: 0.019 min
Response: 1546212
Conc: 14.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



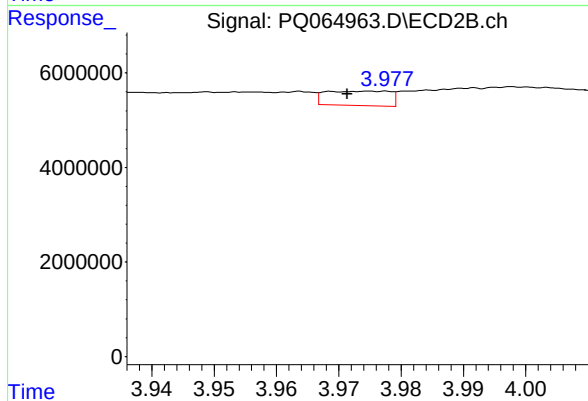
#5 AR-1016-3

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 291295
Conc: 1.52 ng/ml



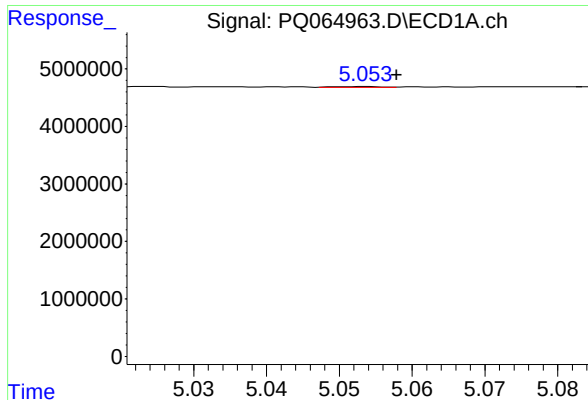
#6 AR-1016-4

R.T.: 4.757 min
Delta R.T.: -0.009 min
Response: 287598
Conc: 3.14 ng/ml



#6 AR-1016-4

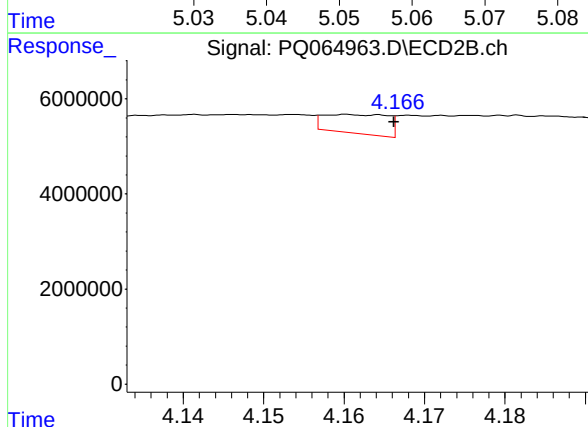
R.T.: 3.975 min
Delta R.T.: 0.004 min
Response: 2183606
Conc: 13.57 ng/ml



#7 AR-1016-5

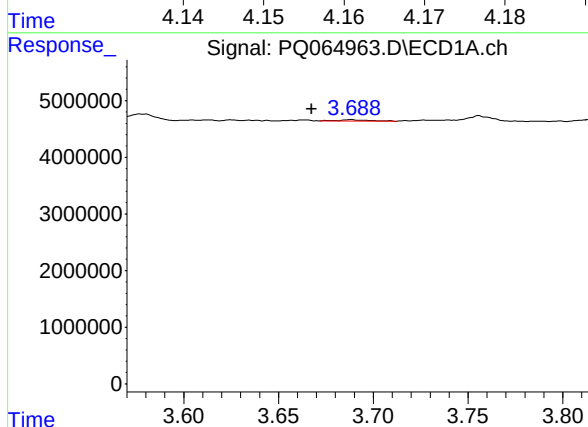
R.T.: 5.053 min
Delta R.T.: -0.005 min
Response: 58049
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



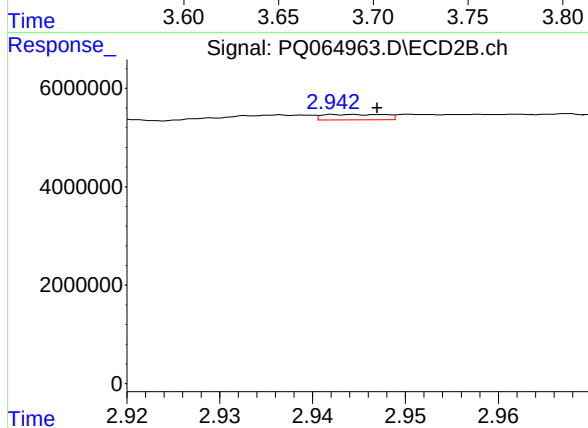
#7 AR-1016-5

R.T.: 4.160 min
Delta R.T.: -0.006 min
Response: 2222045
Conc: 11.19 ng/ml



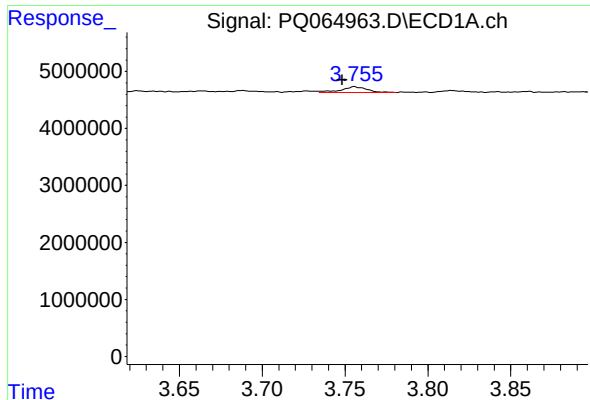
#8 AR-1221-1

R.T.: 3.688 min
Delta R.T.: 0.021 min
Response: 251193
Conc: 5.59 ng/ml



#8 AR-1221-1

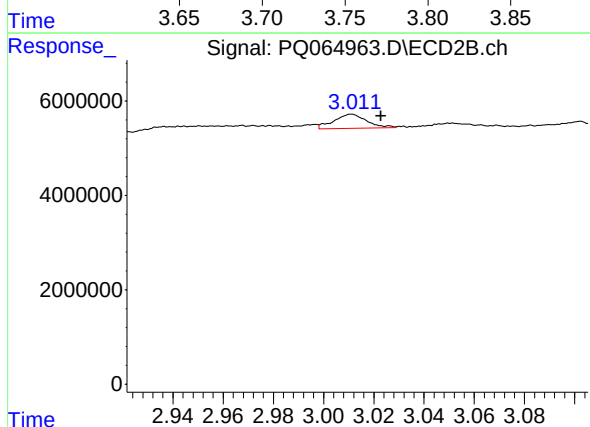
R.T.: 2.945 min
Delta R.T.: -0.002 min
Response: 512457
Conc: 5.39 ng/ml



#9 AR-1221-2

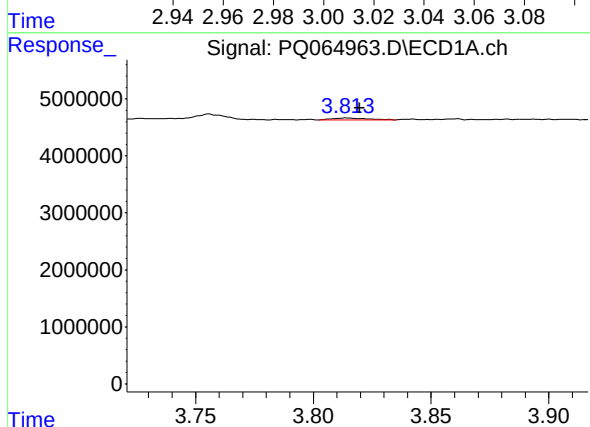
R.T.: 3.756 min
Delta R.T.: 0.007 min
Response: 1083888
Conc: 33.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



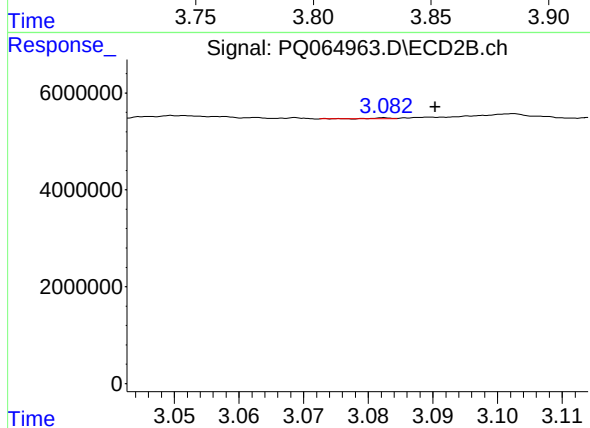
#9 AR-1221-2

R.T.: 3.011 min
Delta R.T.: -0.011 min
Response: 2690957
Conc: 37.43 ng/ml



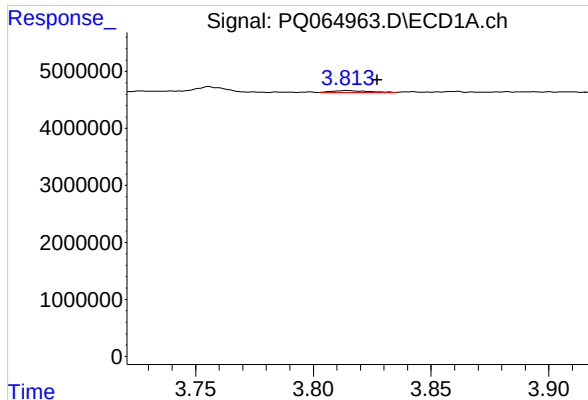
#10 AR-1221-3

R.T.: 3.814 min
Delta R.T.: -0.005 min
Response: 350953
Conc: 3.49 ng/ml



#10 AR-1221-3

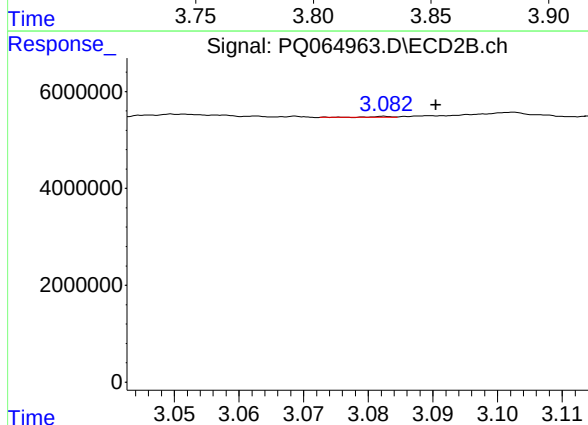
R.T.: 3.083 min
Delta R.T.: -0.008 min
Response: 21012
Conc: 0.11 ng/ml



#11 AR-1232-1

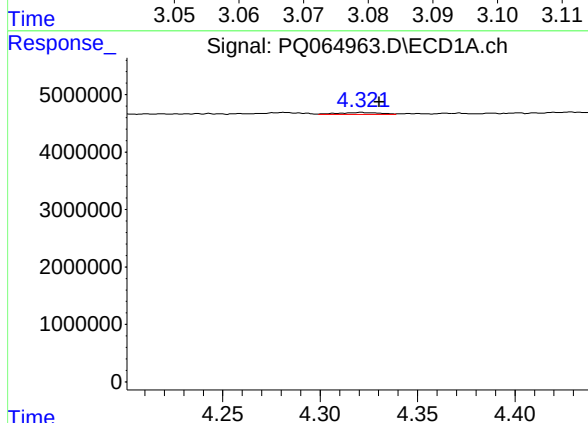
R.T.: 3.814 min
Delta R.T.: -0.013 min
Response: 350953
Conc: 4.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



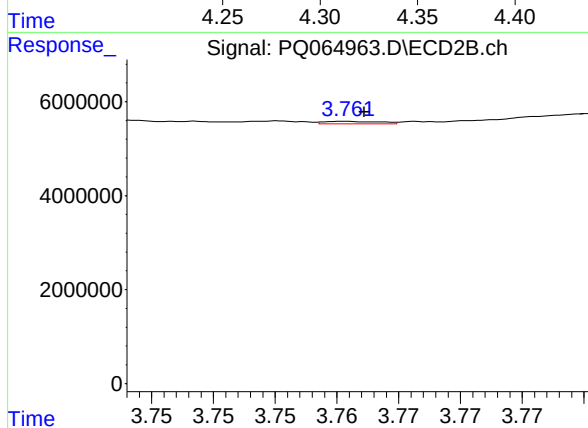
#11 AR-1232-1

R.T.: 3.083 min
Delta R.T.: -0.008 min
Response: 21012
Conc: 0.13 ng/ml



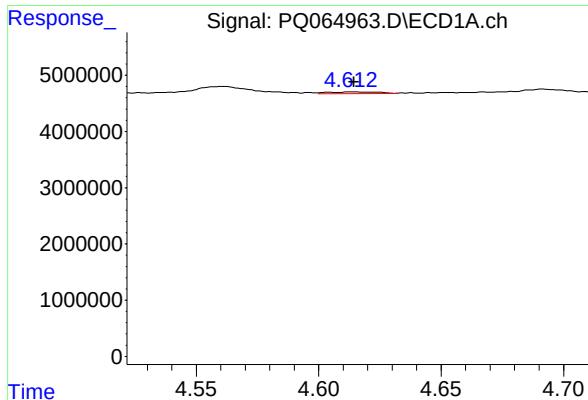
#12 AR-1232-2

R.T.: 4.321 min
Delta R.T.: -0.009 min
Response: 491170
Conc: 10.45 ng/ml



#12 AR-1232-2

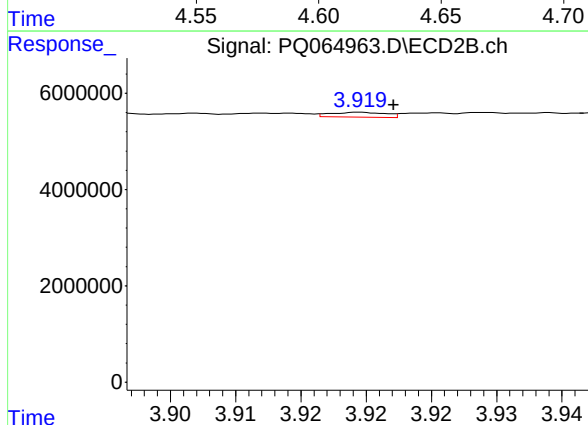
R.T.: 3.761 min
Delta R.T.: -0.001 min
Response: 162837
Conc: 0.96 ng/ml



#13 AR-1232-3

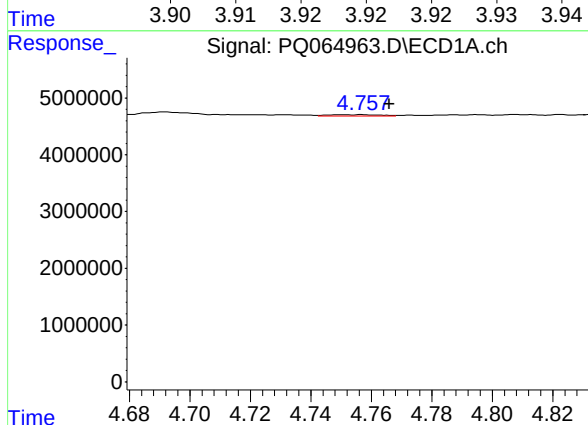
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 437004
Conc: 5.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



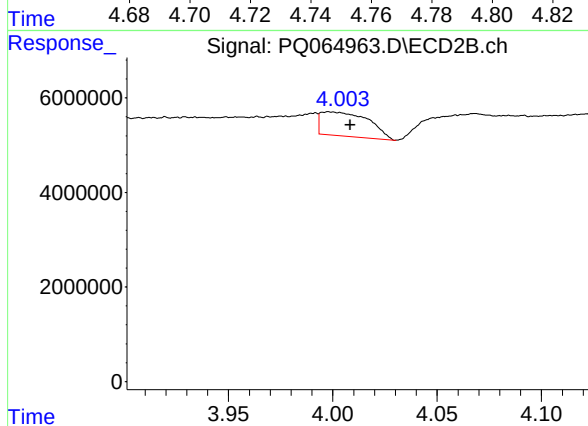
#13 AR-1232-3

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 291295
Conc: 3.16 ng/ml



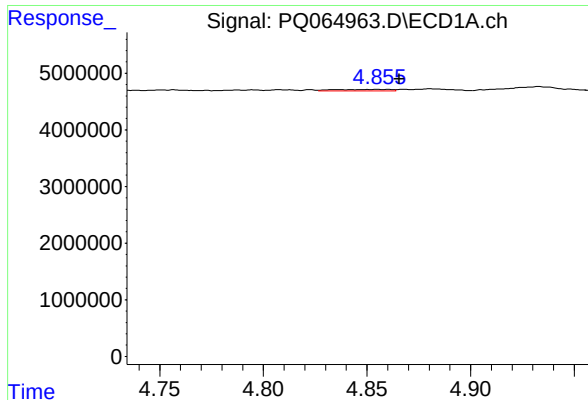
#14 AR-1232-4

R.T.: 4.757 min
Delta R.T.: -0.009 min
Response: 287598
Conc: 6.62 ng/ml



#14 AR-1232-4

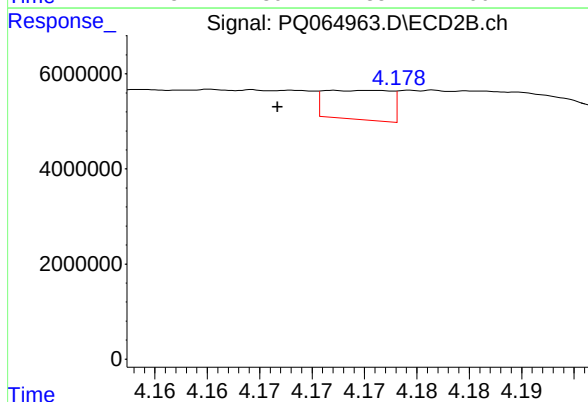
R.T.: 3.998 min
Delta R.T.: -0.010 min
Response: 8146521
Conc: 103.48 ng/ml



#15 AR-1232-5

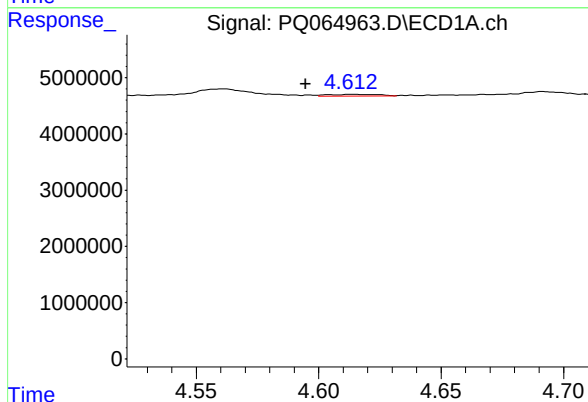
R.T.: 4.855 min
Delta R.T.: -0.010 min
Response: 507673
Conc: 16.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



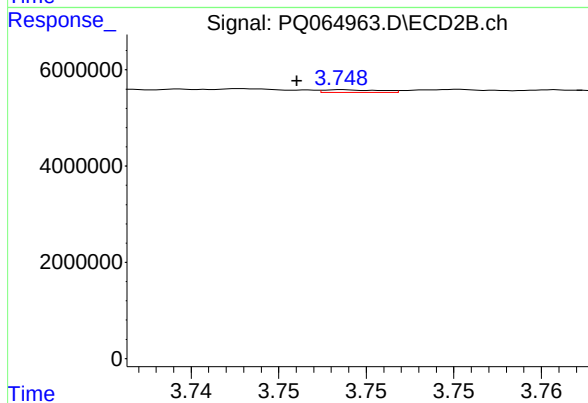
#15 AR-1232-5

R.T.: 4.172 min
Delta R.T.: 0.006 min
Response: 2684388
Conc: 29.88 ng/ml



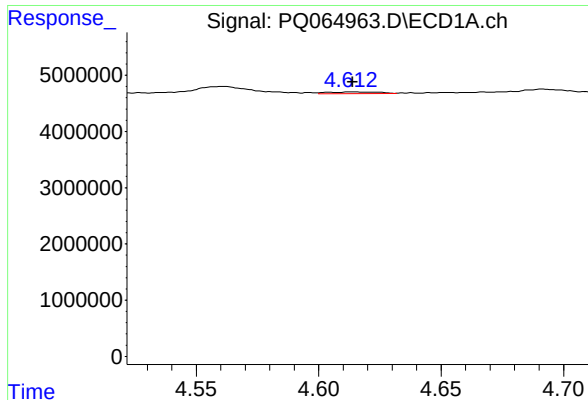
#16 AR-1242-1

R.T.: 4.614 min
Delta R.T.: 0.019 min
Response: 437004
Conc: 4.30 ng/ml



#16 AR-1242-1

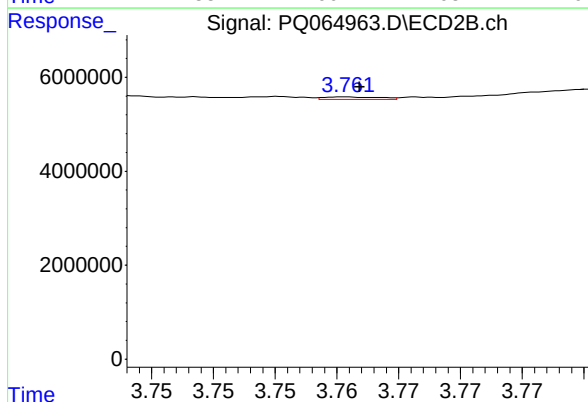
R.T.: 3.749 min
Delta R.T.: 0.003 min
Response: 128731
Conc: 0.60 ng/ml



#17 AR-1242-2

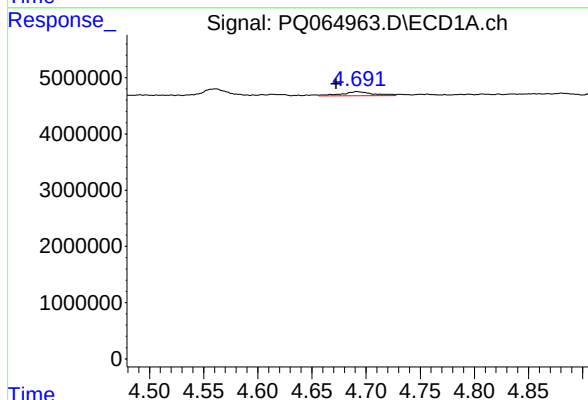
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 437004
Conc: 2.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



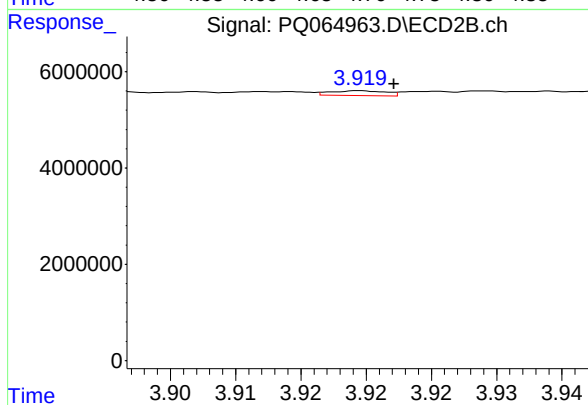
#17 AR-1242-2

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 162837
Conc: 0.56 ng/ml



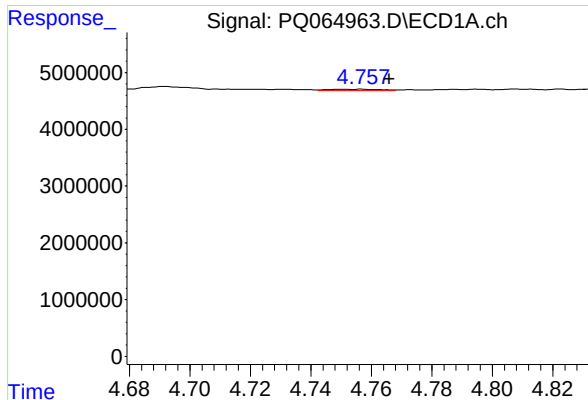
#18 AR-1242-3

R.T.: 4.692 min
Delta R.T.: 0.019 min
Response: 1546212
Conc: 16.23 ng/ml



#18 AR-1242-3

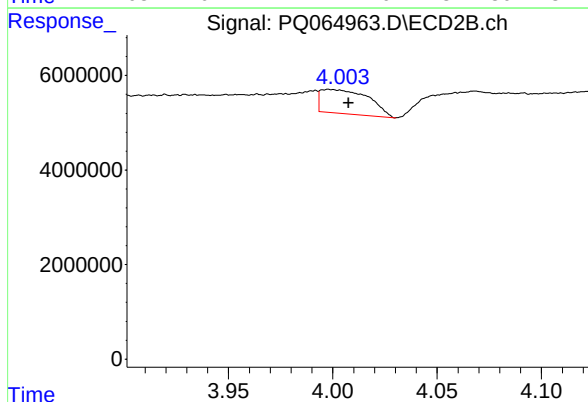
R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 291295
Conc: 1.80 ng/ml



#19 AR-1242-4

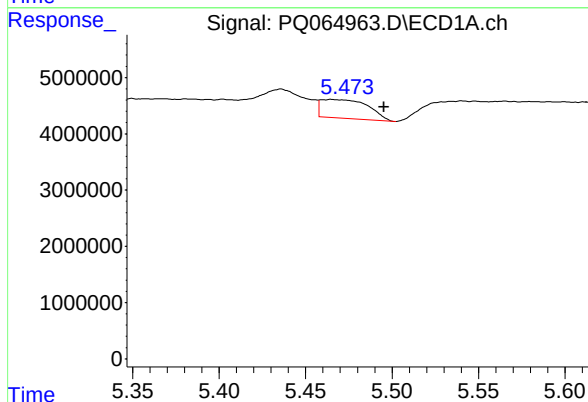
R.T.: 4.757 min
Delta R.T.: -0.009 min
Response: 287598
Conc: 3.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



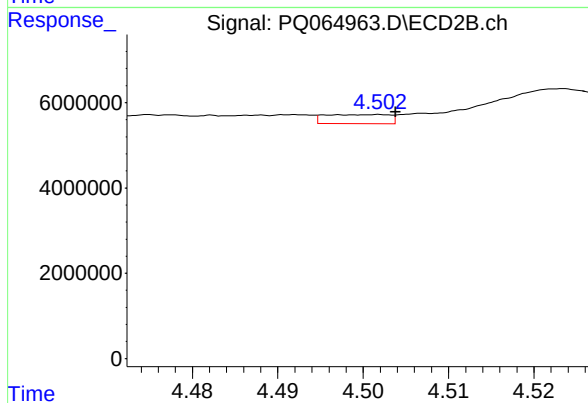
#19 AR-1242-4

R.T.: 3.998 min
Delta R.T.: -0.010 min
Response: 8146521
Conc: 53.38 ng/ml



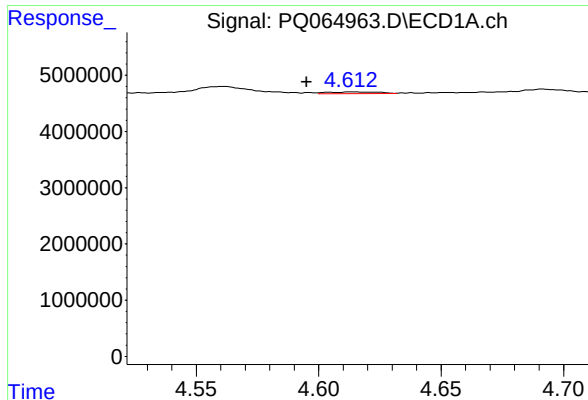
#20 AR-1242-5

R.T.: 5.465 min
Delta R.T.: -0.030 min
Response: 6377306
Conc: 77.64 ng/ml



#20 AR-1242-5

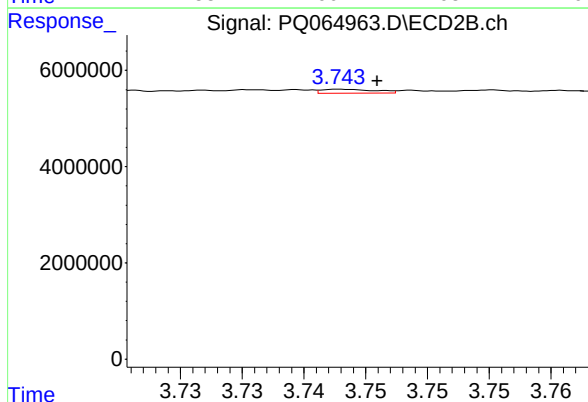
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 1128799
Conc: 5.55 ng/ml



#21 AR-1248-1

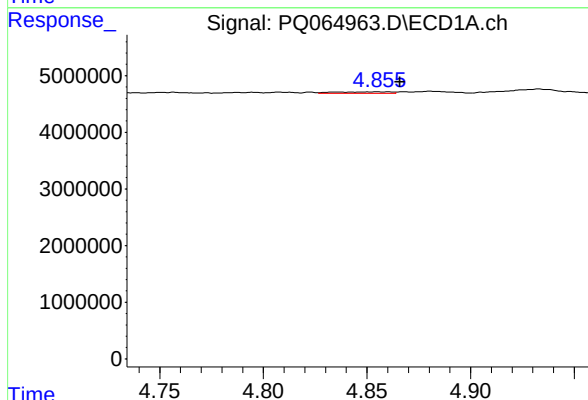
R.T.: 4.614 min
Delta R.T.: 0.019 min
Response: 437004
Conc: 5.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



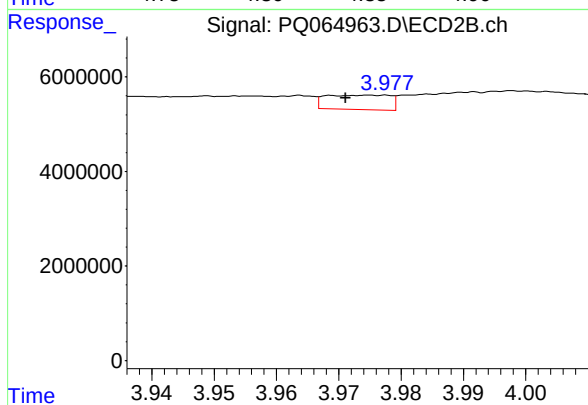
#21 AR-1248-1

R.T.: 3.743 min
Delta R.T.: -0.003 min
Response: 251533
Conc: 1.50 ng/ml



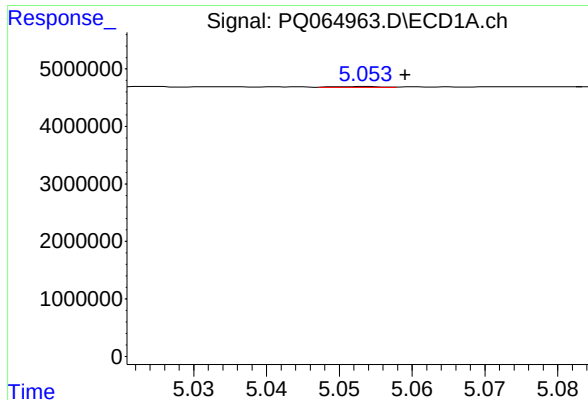
#22 AR-1248-2

R.T.: 4.855 min
Delta R.T.: -0.011 min
Response: 507673
Conc: 4.91 ng/ml



#22 AR-1248-2

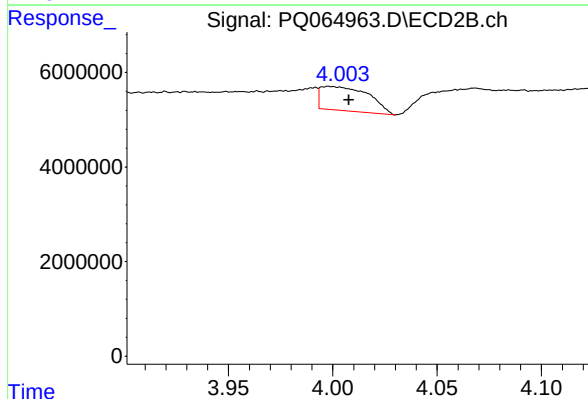
R.T.: 3.975 min
Delta R.T.: 0.004 min
Response: 2183606
Conc: 9.32 ng/ml



#23 AR-1248-3

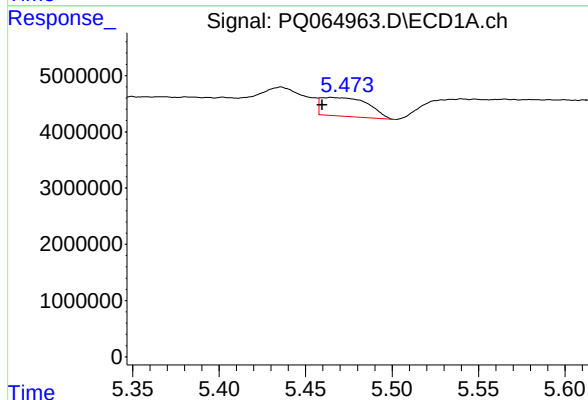
R.T.: 5.053 min
Delta R.T.: -0.006 min
Response: 58049
Conc: 0.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



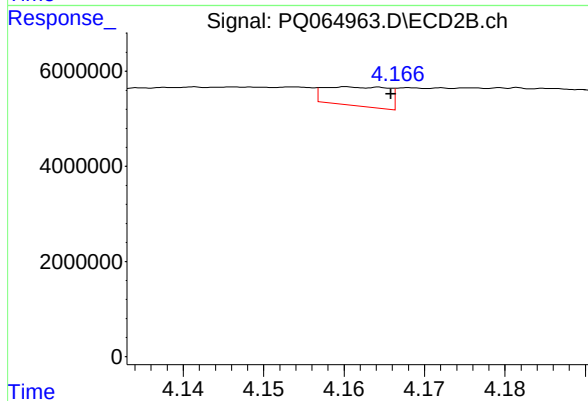
#23 AR-1248-3

R.T.: 3.998 min
Delta R.T.: -0.010 min
Response: 8146521
Conc: 36.23 ng/ml



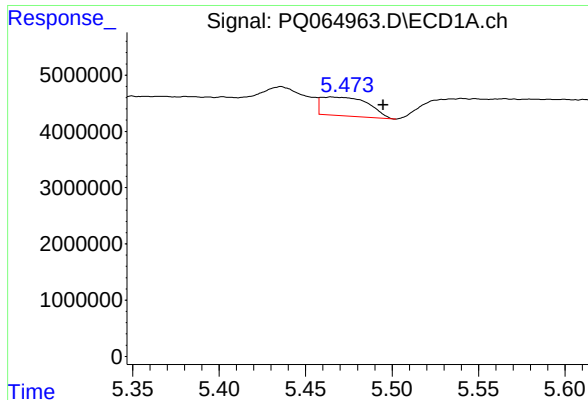
#24 AR-1248-4

R.T.: 5.465 min
Delta R.T.: 0.005 min
Response: 6377306
Conc: 44.75 ng/ml



#24 AR-1248-4

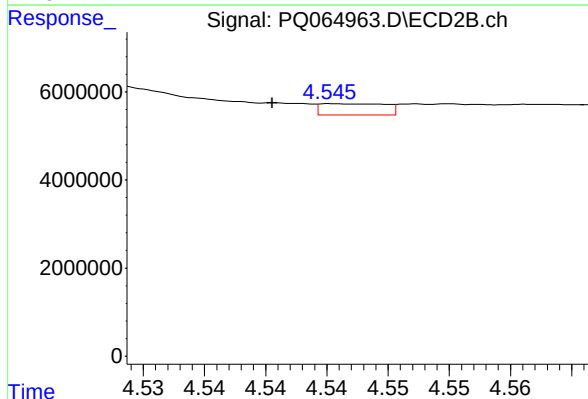
R.T.: 4.160 min
Delta R.T.: -0.005 min
Response: 2222045
Conc: 7.97 ng/ml



#25 AR-1248-5

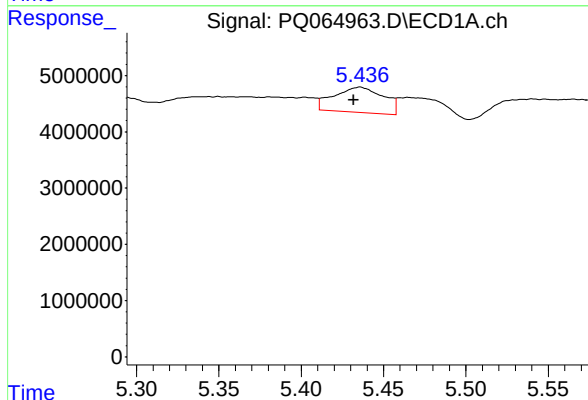
R.T.: 5.465 min
Delta R.T.: -0.030 min
Response: 6377306
Conc: 45.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



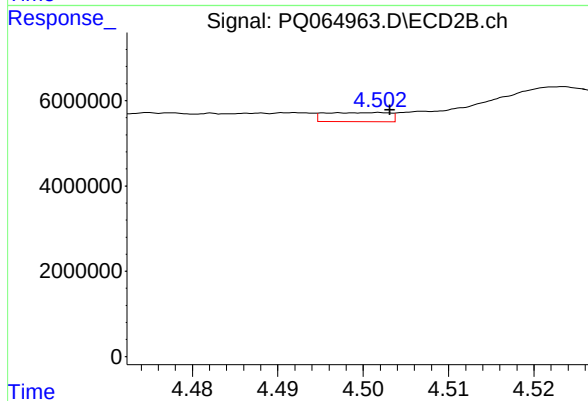
#25 AR-1248-5

R.T.: 4.546 min
Delta R.T.: 0.005 min
Response: 942794
Conc: 3.30 ng/ml



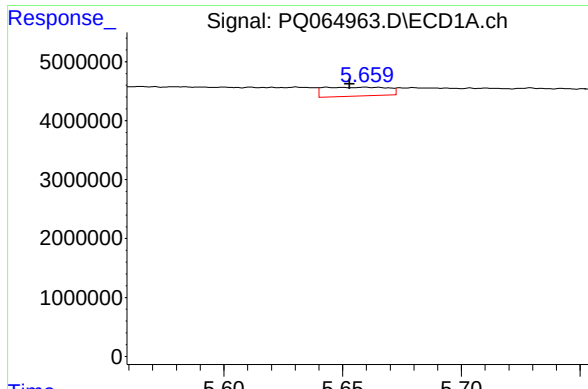
#26 AR-1254-1

R.T.: 5.436 min
Delta R.T.: 0.004 min
Response: 9454079
Conc: 67.56 ng/ml



#26 AR-1254-1

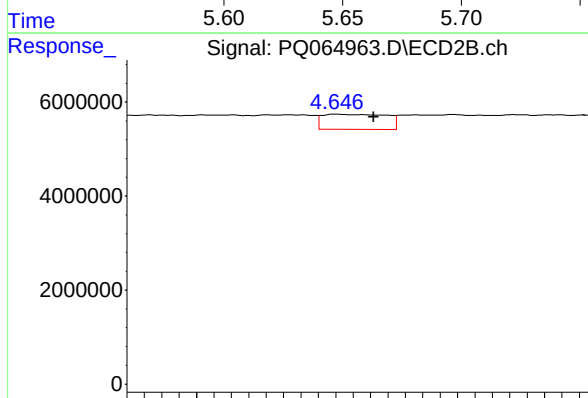
R.T.: 4.502 min
Delta R.T.: -0.001 min
Response: 1128799
Conc: 2.70 ng/ml



#27 AR-1254-2

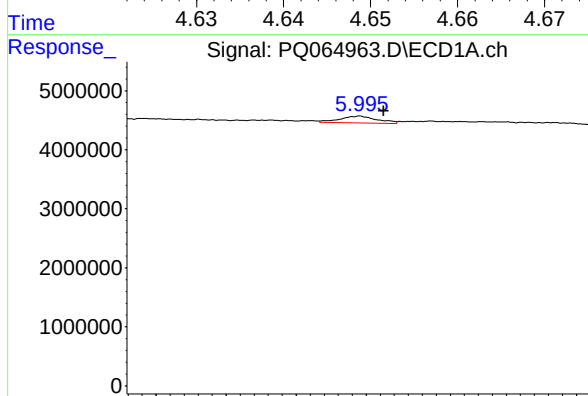
R.T.: 5.659 min
Delta R.T.: 0.006 min
Response: 2831111
Conc: 13.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



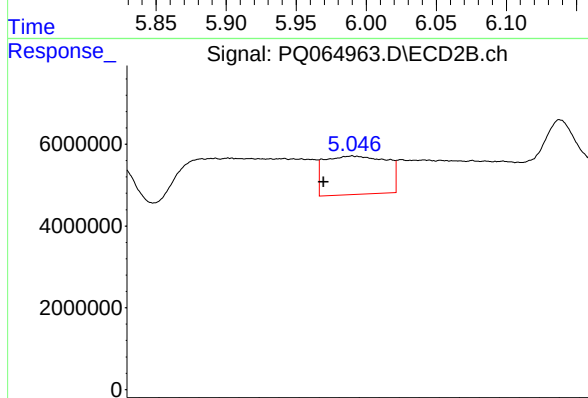
#27 AR-1254-2

R.T.: 4.646 min
Delta R.T.: -0.004 min
Response: 1648786
Conc: 4.48 ng/ml



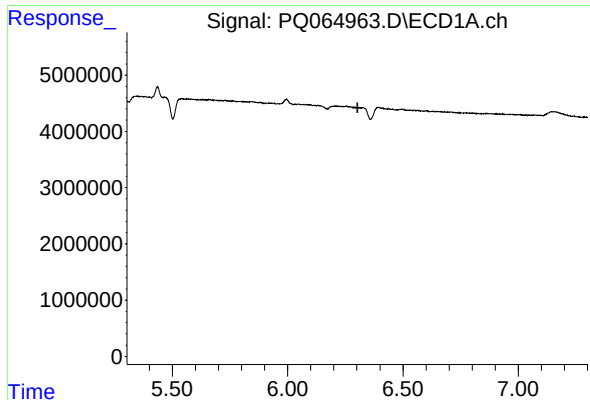
#28 AR-1254-3

R.T.: 5.995 min
Delta R.T.: -0.017 min
Response: 2139019
Conc: 9.43 ng/ml



#28 AR-1254-3

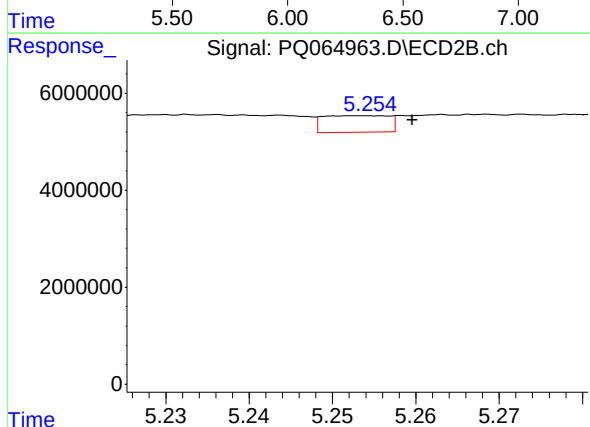
R.T.: 5.047 min
Delta R.T.: 0.014 min
Response: 20345179
Conc: 34.76 ng/ml



#29 AR-1254-4

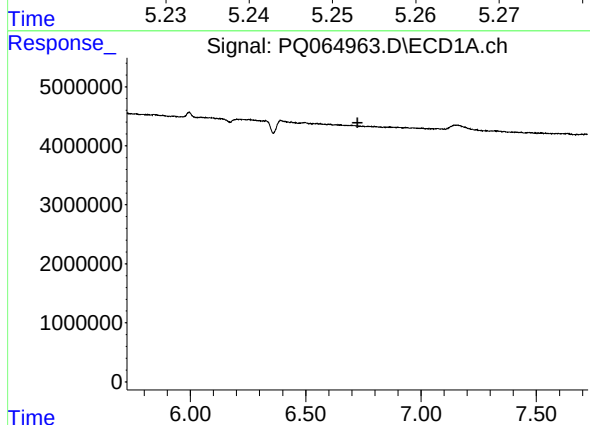
R.T.: 0.000 min
Exp R.T.: 6.303 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



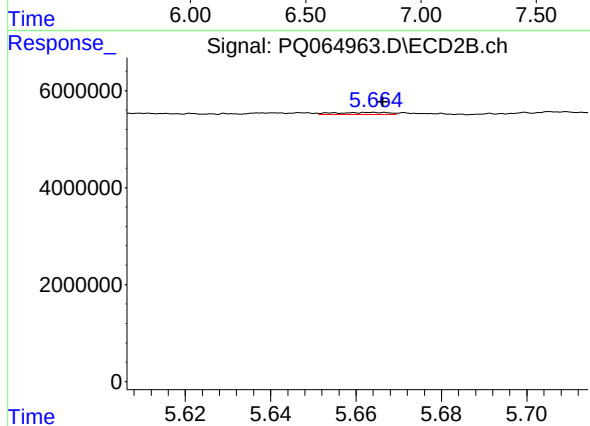
#29 AR-1254-4

R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 1851540
Conc: 4.78 ng/ml



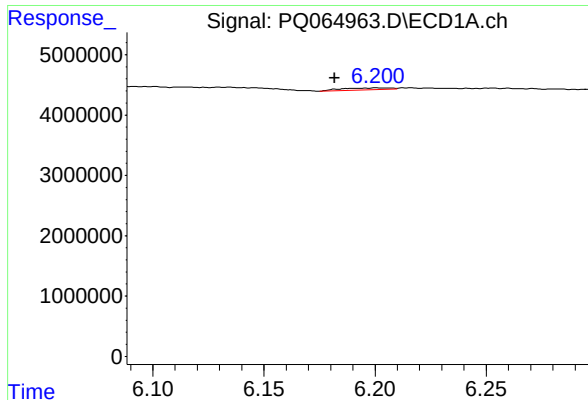
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 6.724 min
Response: 0
Conc: N.D.



#30 AR-1254-5

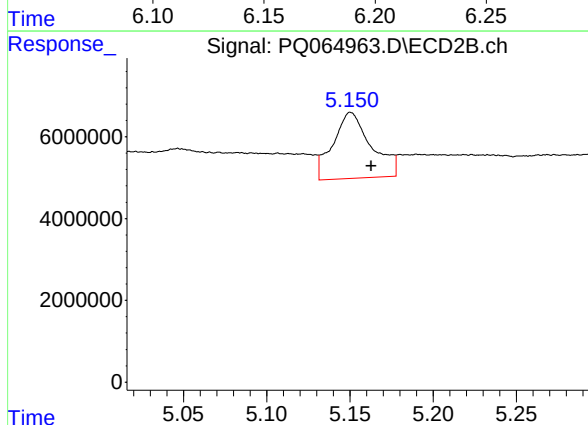
R.T.: 5.664 min
Delta R.T.: -0.002 min
Response: 369856
Conc: 0.68 ng/ml



#31 AR-1260-1

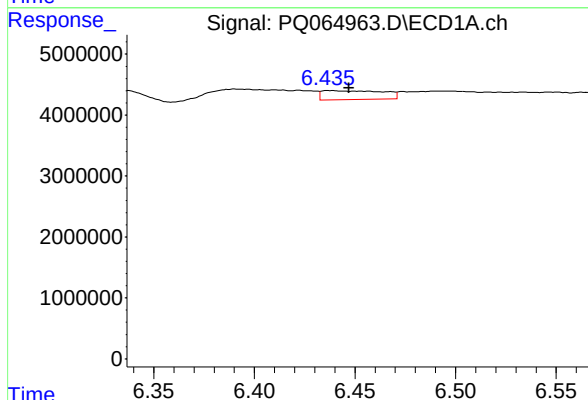
R.T.: 6.201 min
Delta R.T.: 0.019 min
Response: 501834
Conc: 2.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



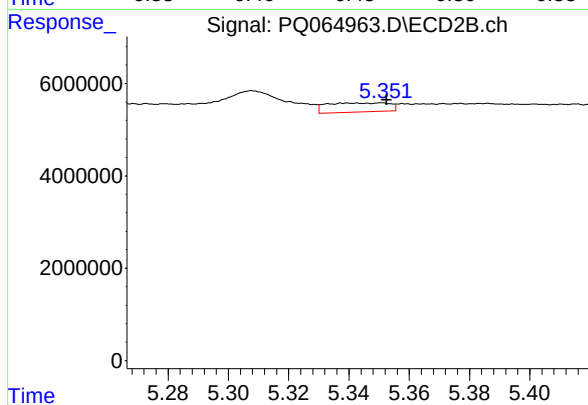
#31 AR-1260-1

R.T.: 5.150 min
Delta R.T.: -0.012 min
Response: 25717399
Conc: 63.90 ng/ml



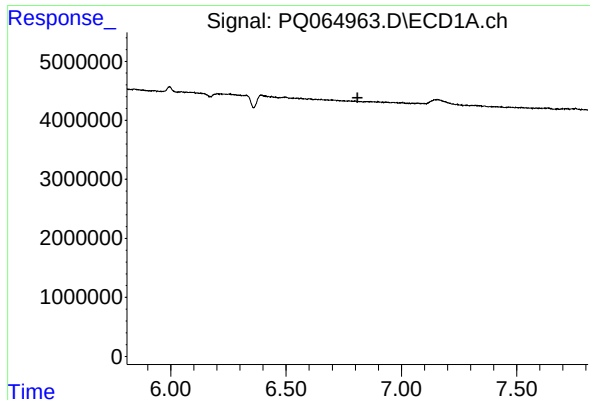
#32 AR-1260-2

R.T.: 6.437 min
Delta R.T.: -0.010 min
Response: 3088528
Conc: 13.52 ng/ml



#32 AR-1260-2

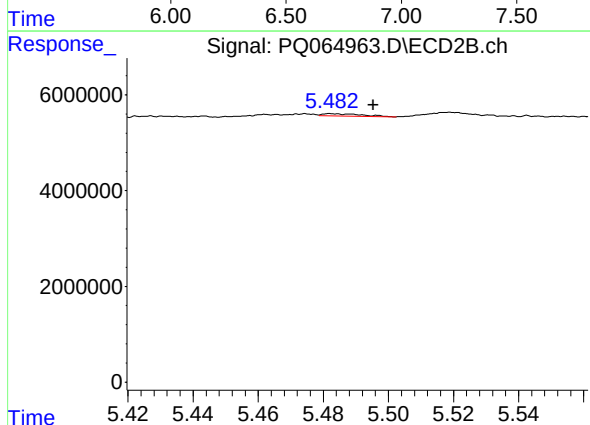
R.T.: 5.351 min
Delta R.T.: -0.002 min
Response: 2822897
Conc: 5.77 ng/ml



#33 AR-1260-3

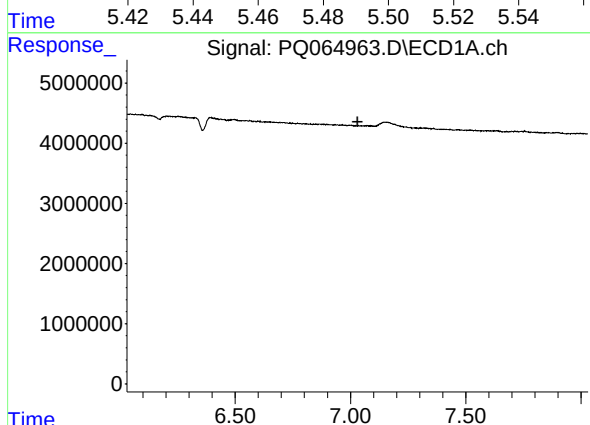
R.T.: 0.000 min
Exp R.T.: 6.810 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



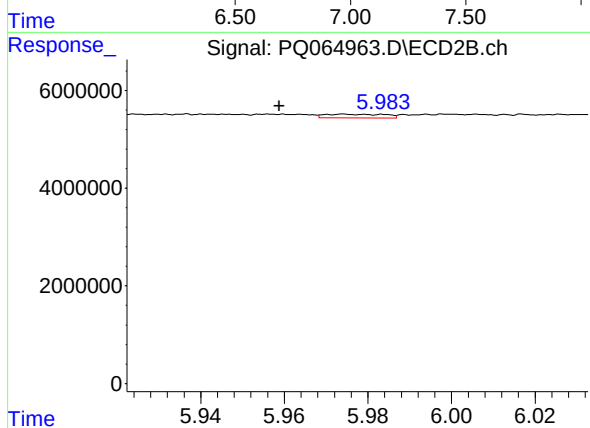
#33 AR-1260-3

R.T.: 5.482 min
Delta R.T.: -0.013 min
Response: 430852
Conc: 0.90 ng/ml



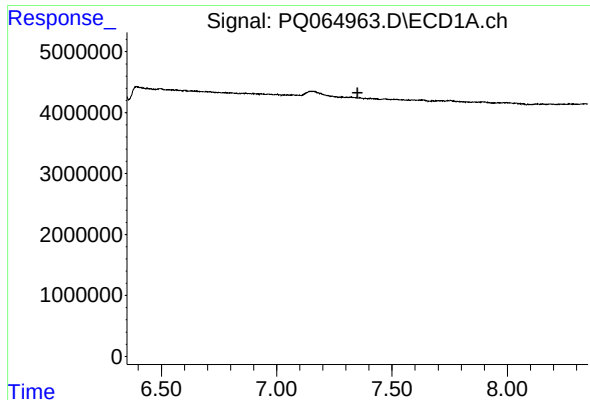
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 7.031 min
Response: 0
Conc: N.D.



#34 AR-1260-4

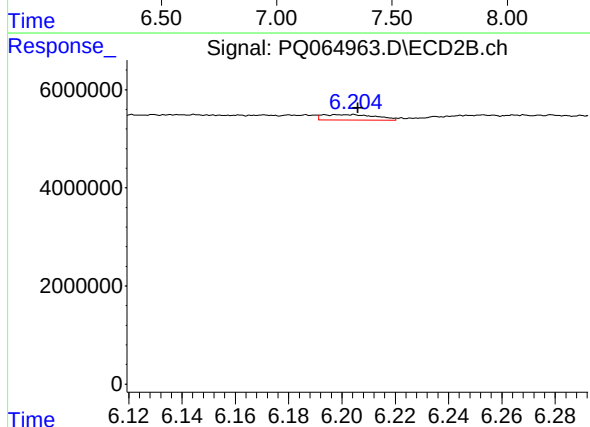
R.T.: 5.974 min
Delta R.T.: 0.015 min
Response: 743787
Conc: 1.91 ng/ml



#35 AR-1260-5

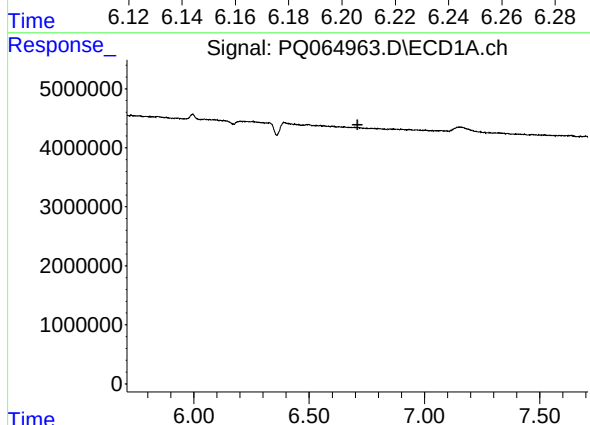
R.T.: 0.000 min
Exp R.T.: 7.351 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



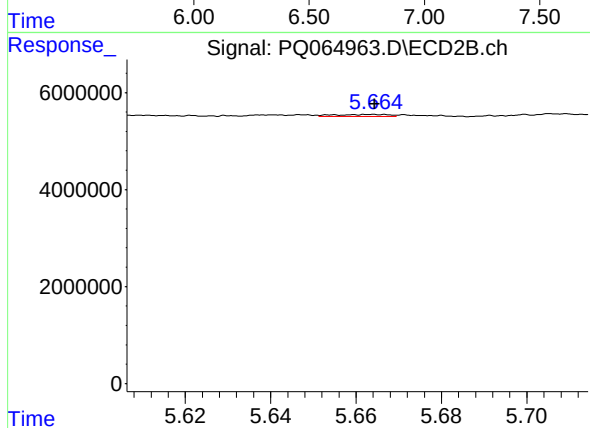
#35 AR-1260-5

R.T.: 6.194 min
Delta R.T.: -0.013 min
Response: 1529122
Conc: 1.75 ng/ml



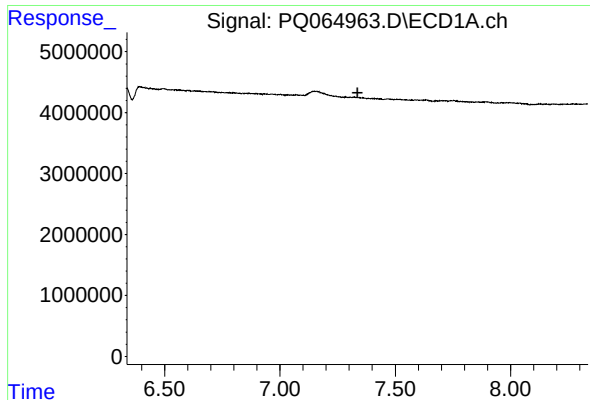
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 6.710 min
Response: 0
Conc: N.D.



#36 AR-1262-1

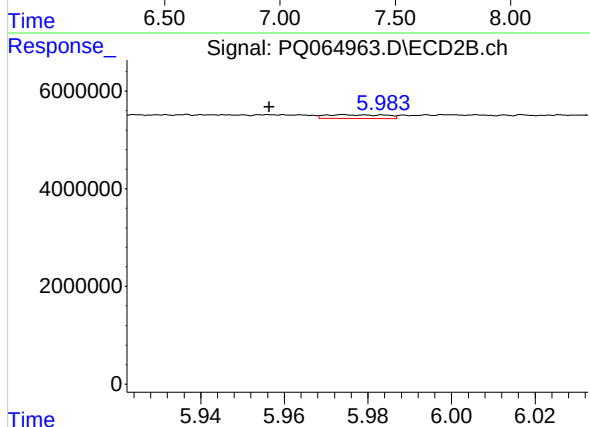
R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 369856
Conc: 1.04 ng/ml



#37 AR-1262-2

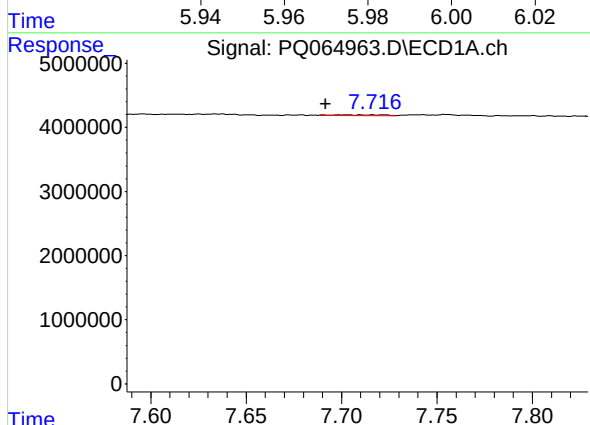
R.T.: 0.000 min
Exp R.T.: 7.336 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



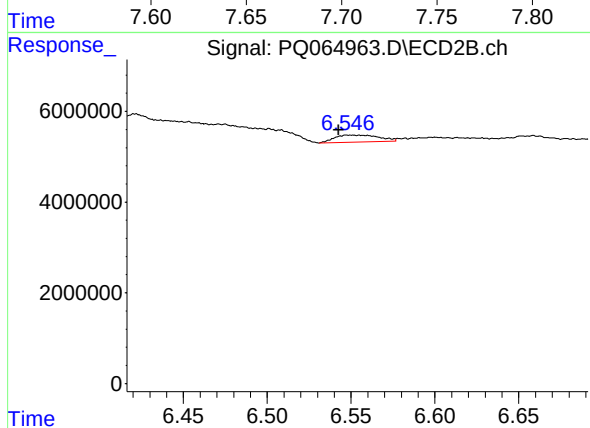
#37 AR-1262-2

R.T.: 5.974 min
Delta R.T.: 0.018 min
Response: 743787
Conc: 1.41 ng/ml



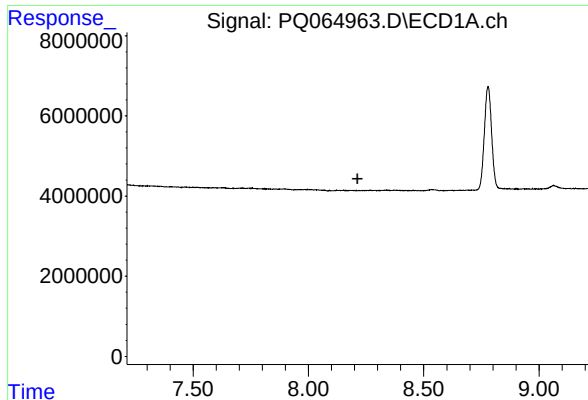
#39 AR-1262-4

R.T.: 7.716 min
Delta R.T.: 0.024 min
Response: 203706
Conc: 0.87 ng/ml



#39 AR-1262-4

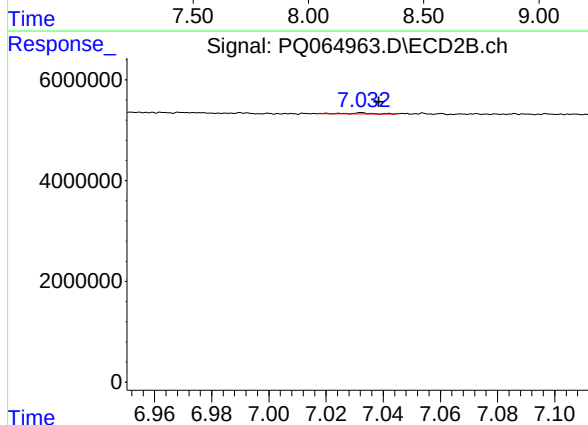
R.T.: 6.549 min
Delta R.T.: 0.006 min
Response: 2841813
Conc: 3.33 ng/ml



#40 AR-1262-5

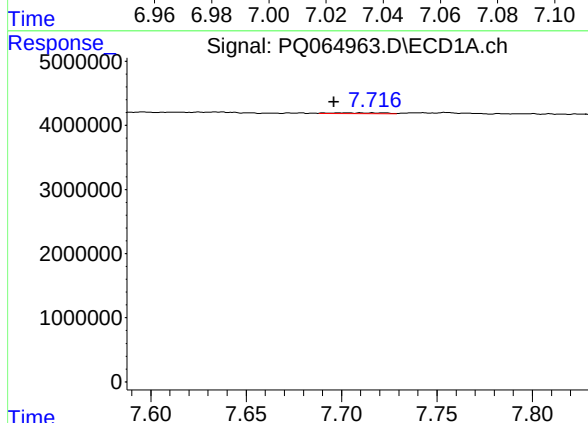
R.T.: 0.000 min
Exp R.T.: 8.213 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



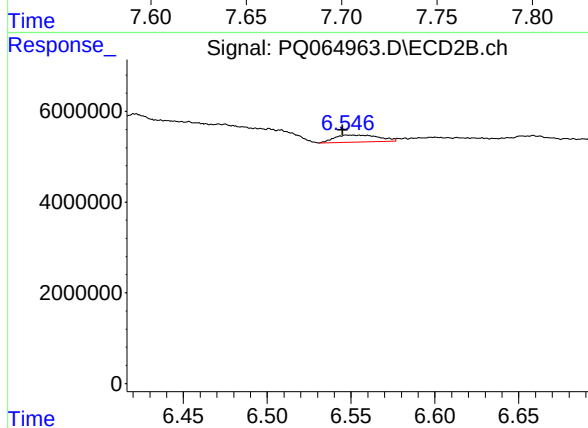
#40 AR-1262-5

R.T.: 7.032 min
Delta R.T.: -0.006 min
Response: 150789
Conc: 0.36 ng/ml



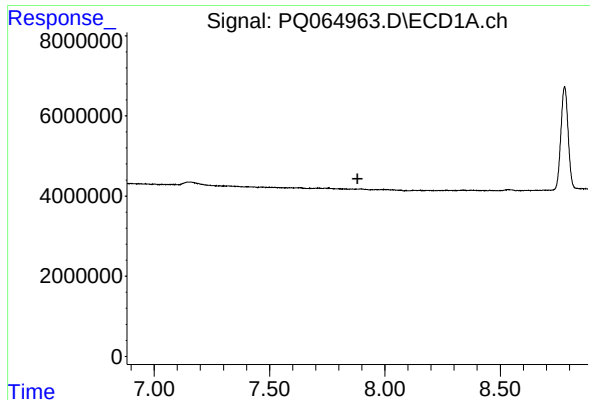
#42 AR-1268-2

R.T.: 7.716 min
Delta R.T.: 0.020 min
Response: 203706
Conc: 0.47 ng/ml



#42 AR-1268-2

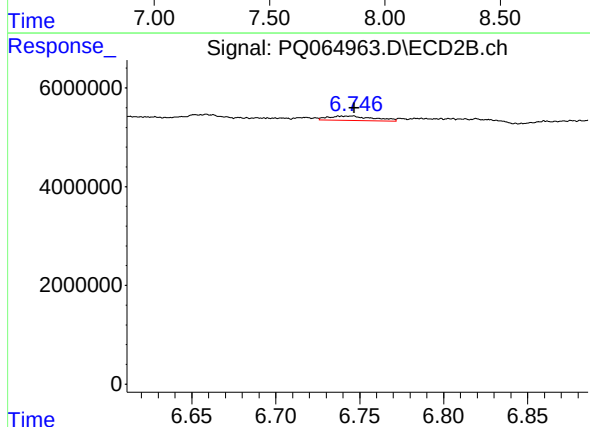
R.T.: 6.549 min
Delta R.T.: 0.003 min
Response: 2841813
Conc: 2.48 ng/ml



#43 AR-1268-3

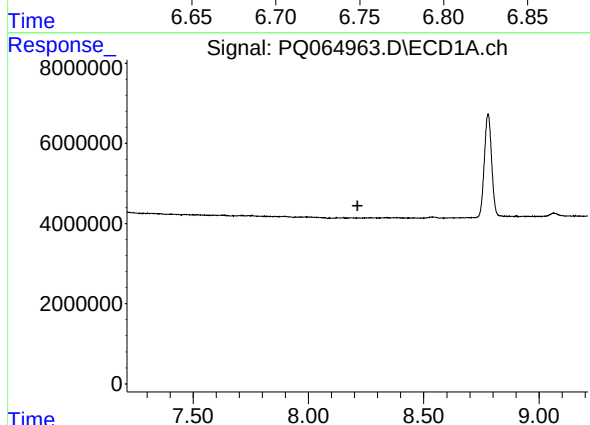
R.T.: 0.000 min
Exp R.T.: 7.881 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



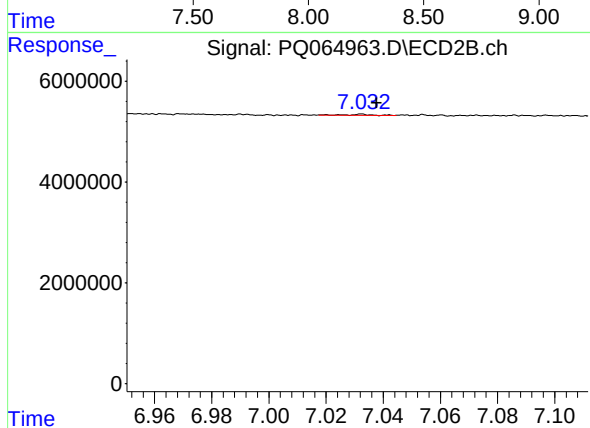
#43 AR-1268-3

R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 1669975
Conc: 1.70 ng/ml



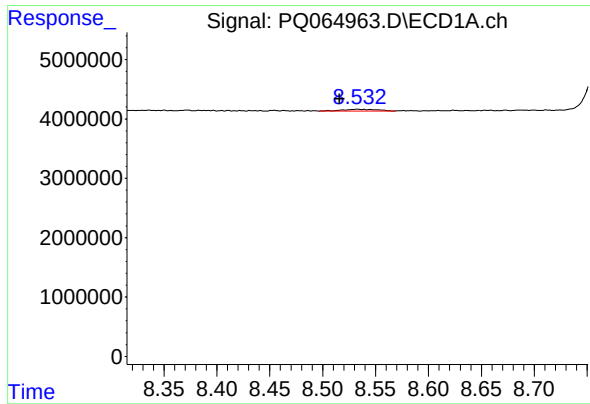
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.213 min
Response: 0
Conc: N.D.



#44 AR-1268-4

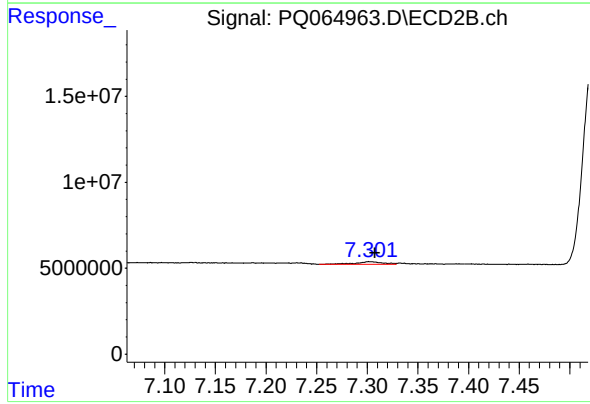
R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 150789
Conc: 0.34 ng/ml



#45 AR-1268-5

R.T.: 8.533 min
Delta R.T.: 0.017 min
Response: 721590
Conc: 0.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 7.302 min
Delta R.T.: -0.005 min
Response: 3041937
Conc: 1.03 ng/ml