

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121323\
 Data File : PQ064516.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2023 05:29
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 05:43:44 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	75455261	96493479	18.188	22.983 #
2) SA Decachlor...	8.689	7.567	61198182	94401303	20.877	23.389
Target Compounds						
3) L1 AR-1016-1	4.590	3.777	889201	133920	6.979	1.102 #
4) L1 AR-1016-2	4.590	3.819	889201	444956	4.633	2.427 #
5) L1 AR-1016-3	4.665	3.958	1499508	1854453	12.638	19.058 #
6) L1 AR-1016-4	4.755	4.009	3464136	7893745	37.296	94.521 #
7) L1 AR-1016-5	5.043	4.201	5150797	15658231	52.868	154.666 #
8) L2 AR-1221-1	3.668	2.989	511638	34552	10.077	0.610 #
9) L2 AR-1221-2	3.738	3.043	1516283	1218010	41.385	28.914 #
10) L2 AR-1221-3	3.791	3.134	950457	400862	8.405	3.148 #
11) L3 AR-1232-1	3.791	3.134	950457	400862	11.013	4.162 #
12) L3 AR-1232-2	4.299	3.819	317404	444956	6.507	5.323
13) L3 AR-1232-3	4.590	3.958	889201	1854453	10.417	41.652 #
14) L3 AR-1232-4	4.755	4.038	3464136	11161798	84.086	292.178 #
15) L3 AR-1232-5	4.855	4.201	12190797	15658231	398.710	367.926
16) L4 AR-1242-1	4.590	3.777	889201	133920	8.580	1.291 #
17) L4 AR-1242-2	4.590	3.819	889201	444956	5.732	2.880 #
18) L4 AR-1242-3	4.665	3.963	1499508	2394111	15.481	29.193 #
19) L4 AR-1242-4	4.755	4.038	3464136	11161798	45.568	143.050 #
20) L4 AR-1242-5	5.503f	4.543	27389648	21823961	329.936	226.309 #
21) L5 AR-1248-1	4.590	3.777	889201	133920	11.418	1.655 #
22) L5 AR-1248-2	4.855	4.009	12190797	7893745	109.238	64.393 #
23) L5 AR-1248-3	5.043	4.038	5150797	11161798	38.703	95.653 #
24) L5 AR-1248-4	5.401f	4.201	61280875	15658231	428.166	111.698 #
25) L5 AR-1248-5	5.503f	4.595	27389648	6923294	195.336	52.028 #
26) L6 AR-1254-1	5.401	4.543	61280875	21823961	400.089	104.229 #
27) L6 AR-1254-2	5.627	4.697	5005058	14412219	21.434	77.912 #
28) L6 AR-1254-3	5.956	5.058	24655901	36102376	100.311	127.611 #
29) L6 AR-1254-4	6.268	5.297	12488592	11791934	71.876	63.518
30) L6 AR-1254-5	6.706f	5.708	15252015	2550822	79.025	9.824 #
31) L7 AR-1260-1	6.152	5.203	3632054	23937430	19.395	123.778 #
32) L7 AR-1260-2	6.409	5.398	20003009	3441625	92.265	14.788 #
33) L7 AR-1260-3	6.763	5.517	7589544	11871279	46.564	54.614
34) L7 AR-1260-4	6.972	6.007	181333	2088024	1.057	11.336 #
35) L7 AR-1260-5	7.298	6.234	535446	3217903	1.585	7.421 #
36) L8 AR-1262-1	6.763	5.806	7589544	810370	30.850	7.114 #
37) L8 AR-1262-2	7.298	6.007	535446	2088024	1.336	8.197 #
39) L8 AR-1262-4	7.657	6.585	1197878	2402788	5.676	5.552
40) L8 AR-1262-5	8.143	7.085	646851	158909	4.746	0.605 #
42) L9 AR-1268-2	7.657	6.585	1197878	2402788	2.755	3.870 #
43) L9 AR-1268-3	7.853f	6.790	557610	733805	1.475	1.146

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Integration File signal 1: autoint1.e
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 Quant Time: Dec 14 05:43:44 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

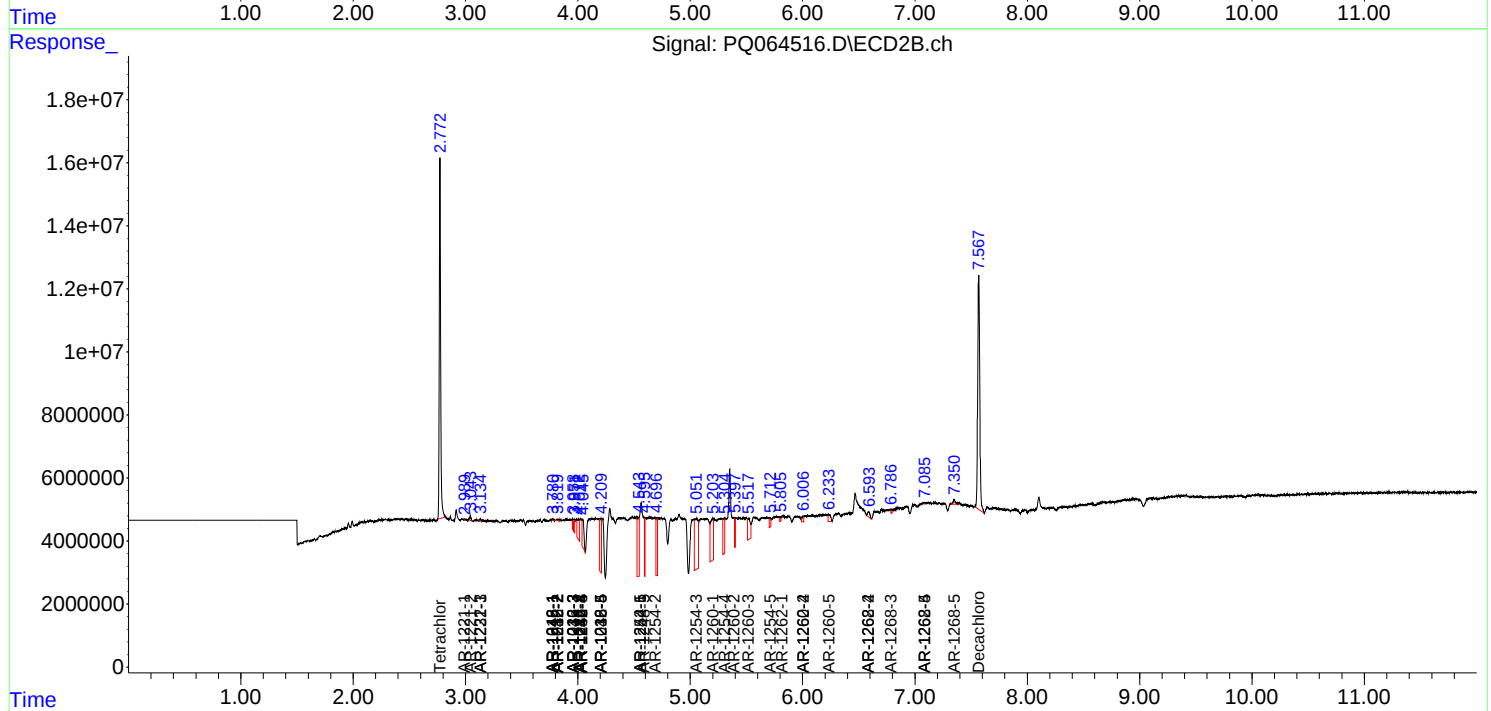
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

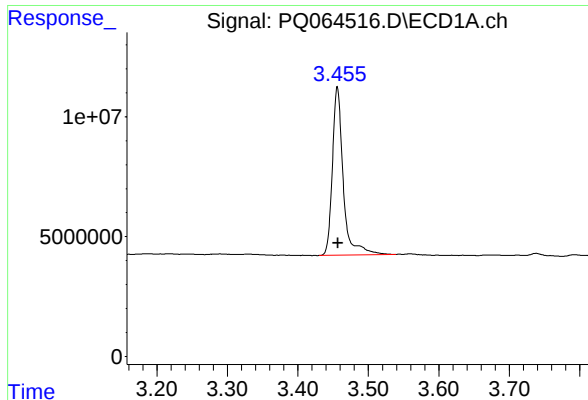
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44)	L9 AR-1268-4	8.143	7.085	646851	158909	4.226	0.528 #
45)	L9 AR-1268-5	8.451	7.351	707676	2141991	0.651	1.134 #

(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

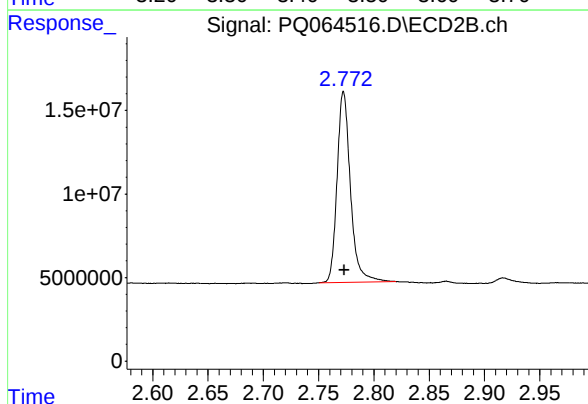




#1 Tetrachloro-m-xylene

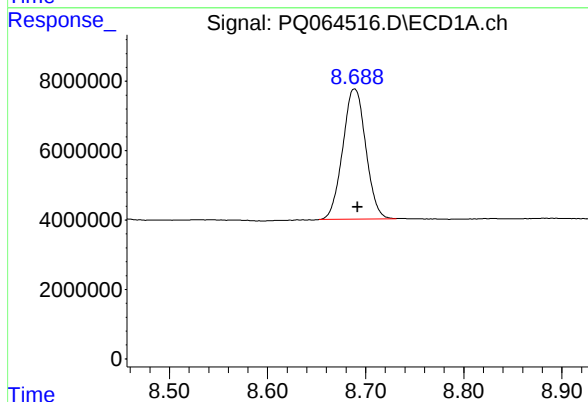
R.T.: 3.456 min
Delta R.T.: 0.000 min
Response: 75455261
Conc: 18.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



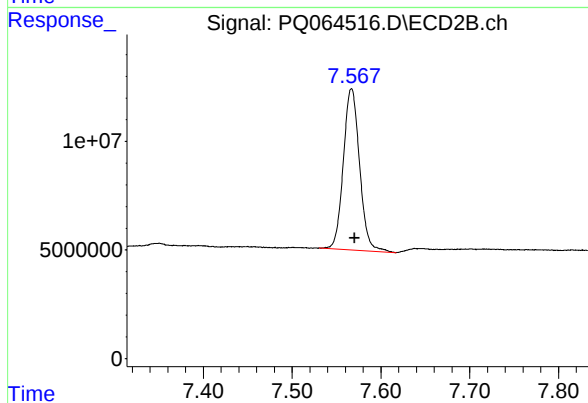
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 96493479
Conc: 22.98 ng/ml



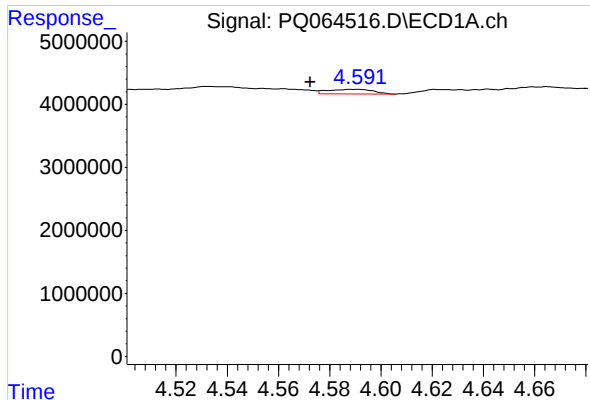
#2 Decachlorobiphenyl

R.T.: 8.689 min
Delta R.T.: -0.004 min
Response: 61198182
Conc: 20.88 ng/ml



#2 Decachlorobiphenyl

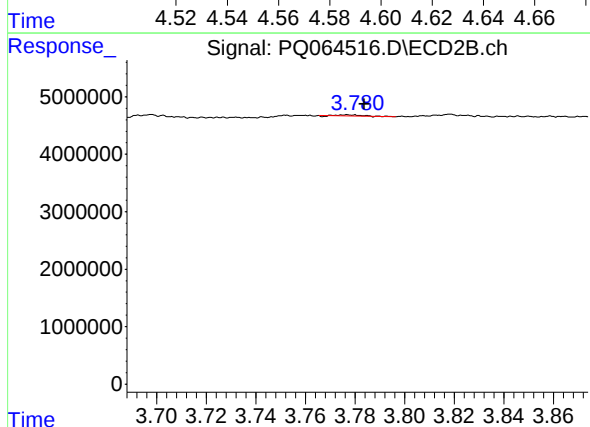
R.T.: 7.567 min
Delta R.T.: -0.003 min
Response: 94401303
Conc: 23.39 ng/ml



#3 AR-1016-1

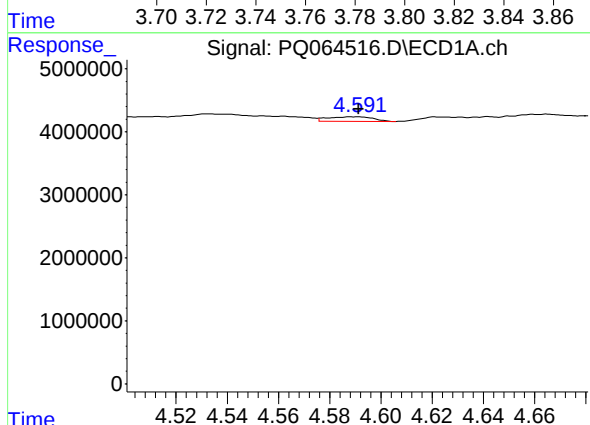
R.T.: 4.590 min
Delta R.T.: 0.018 min
Response: 889201
Conc: 6.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



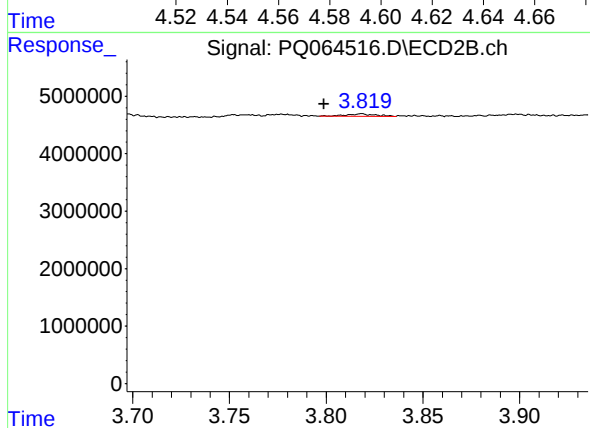
#3 AR-1016-1

R.T.: 3.777 min
Delta R.T.: -0.007 min
Response: 133920
Conc: 1.10 ng/ml



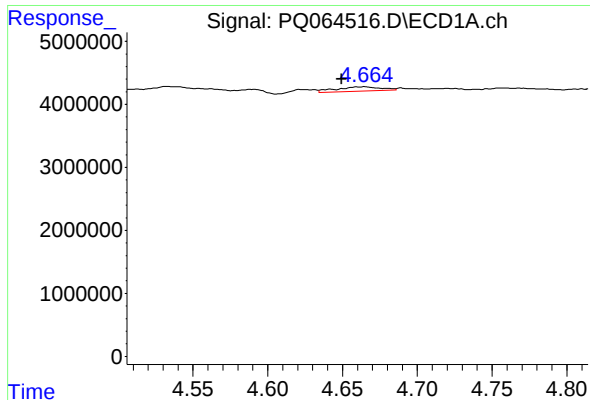
#4 AR-1016-2

R.T.: 4.590 min
Delta R.T.: -0.001 min
Response: 889201
Conc: 4.63 ng/ml



#4 AR-1016-2

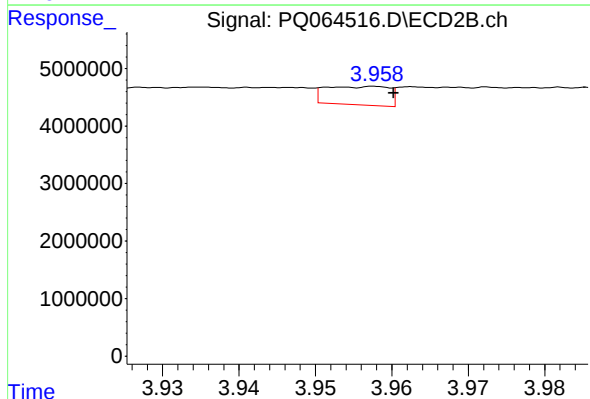
R.T.: 3.819 min
Delta R.T.: 0.020 min
Response: 444956
Conc: 2.43 ng/ml



#5 AR-1016-3

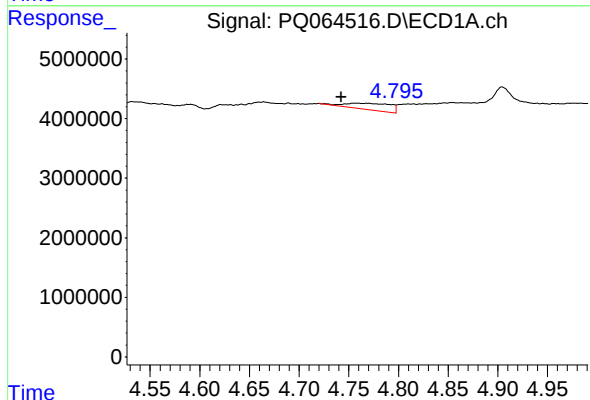
R.T.: 4.665 min
Delta R.T.: 0.015 min
Response: 1499508
Conc: 12.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



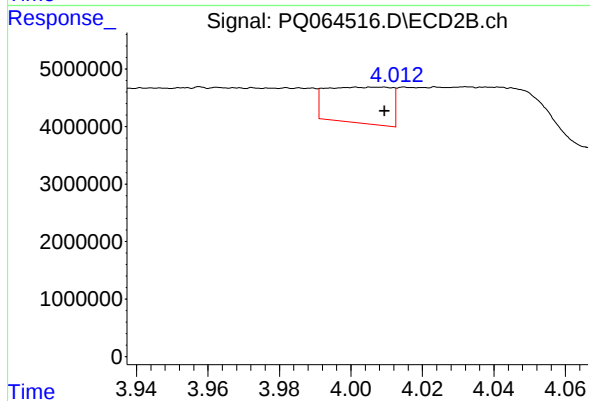
#5 AR-1016-3

R.T.: 3.958 min
Delta R.T.: -0.002 min
Response: 1854453
Conc: 19.06 ng/ml



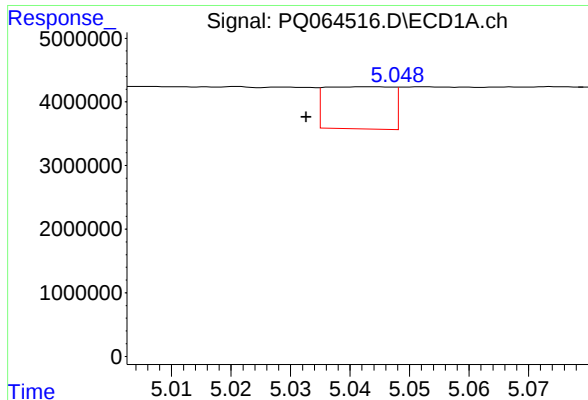
#6 AR-1016-4

R.T.: 4.755 min
Delta R.T.: 0.013 min
Response: 3464136
Conc: 37.30 ng/ml



#6 AR-1016-4

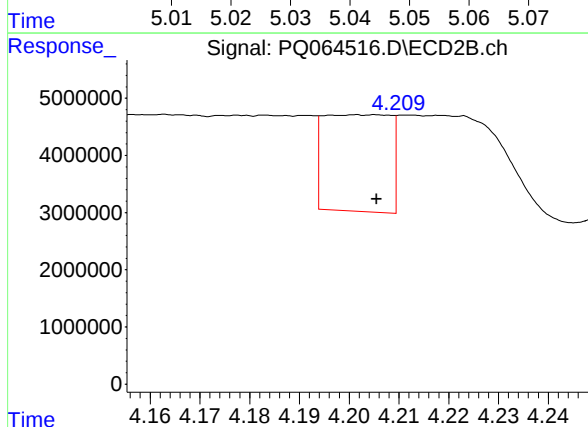
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 7893745
Conc: 94.52 ng/ml



#7 AR-1016-5

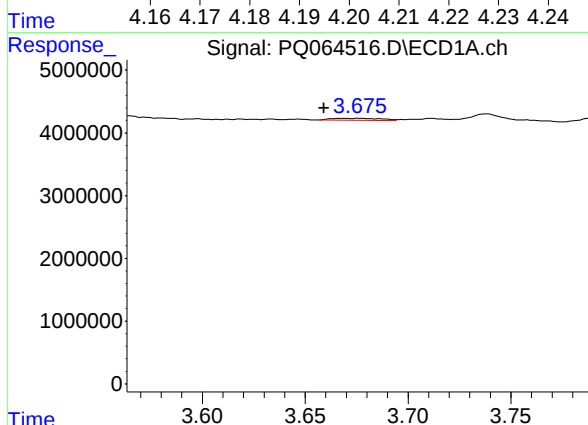
R.T.: 5.043 min
Delta R.T.: 0.011 min
Response: 5150797
Conc: 52.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



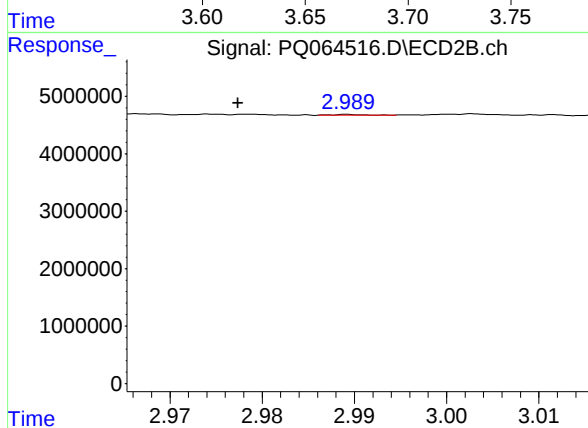
#7 AR-1016-5

R.T.: 4.201 min
Delta R.T.: -0.004 min
Response: 15658231
Conc: 154.67 ng/ml



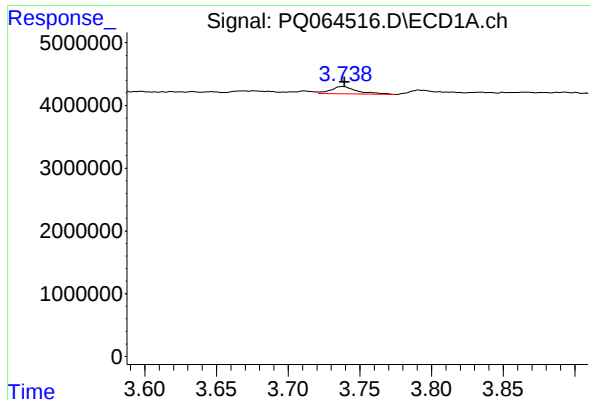
#8 AR-1221-1

R.T.: 3.668 min
Delta R.T.: 0.009 min
Response: 511638
Conc: 10.08 ng/ml



#8 AR-1221-1

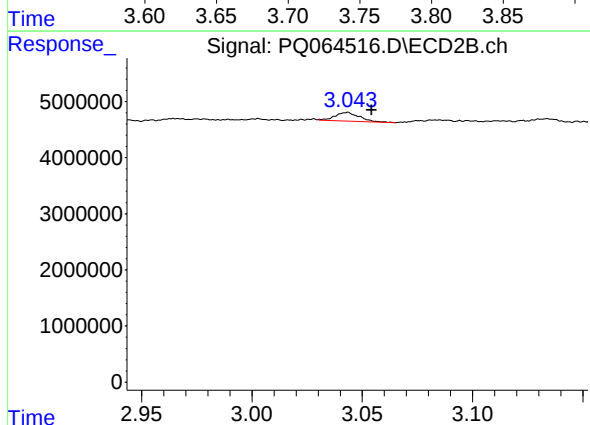
R.T.: 2.989 min
Delta R.T.: 0.012 min
Response: 34552
Conc: 0.61 ng/ml



#9 AR-1221-2

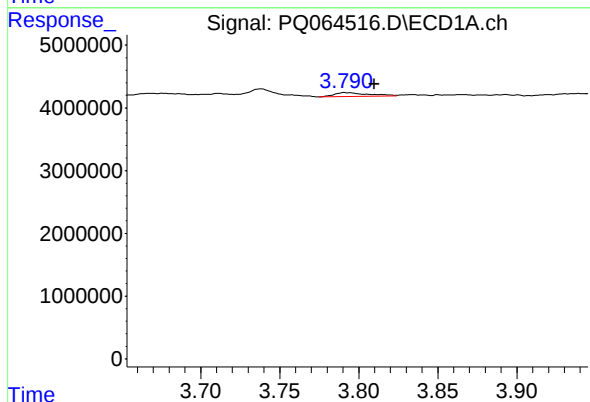
R.T.: 3.738 min
Delta R.T.: -0.001 min
Response: 1516283
Conc: 41.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



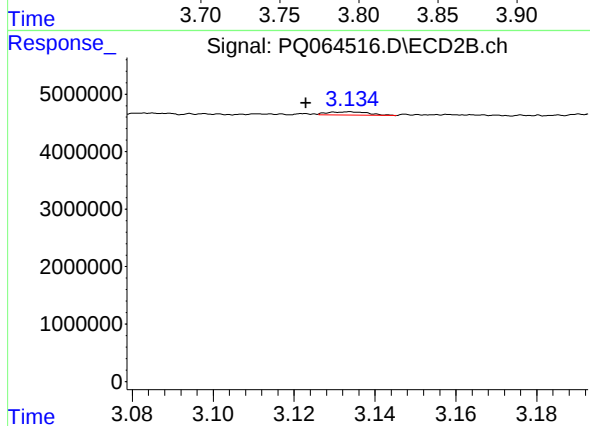
#9 AR-1221-2

R.T.: 3.043 min
Delta R.T.: -0.011 min
Response: 1218010
Conc: 28.91 ng/ml



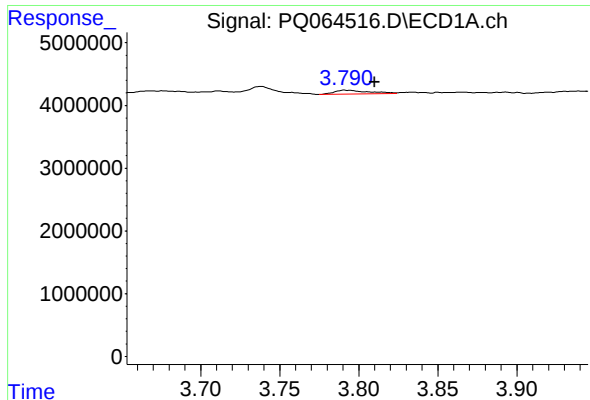
#10 AR-1221-3

R.T.: 3.791 min
Delta R.T.: -0.019 min
Response: 950457
Conc: 8.40 ng/ml



#10 AR-1221-3

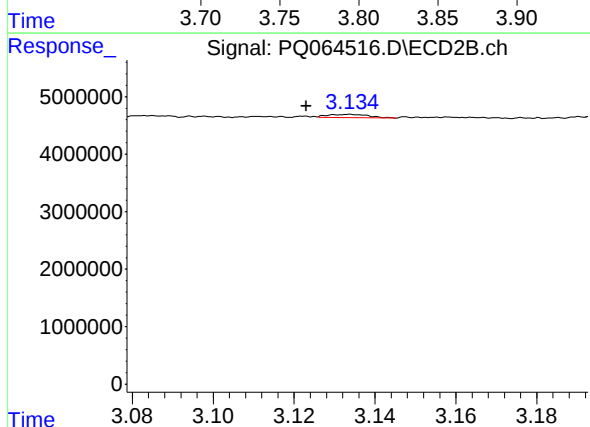
R.T.: 3.134 min
Delta R.T.: 0.011 min
Response: 400862
Conc: 3.15 ng/ml



#11 AR-1232-1

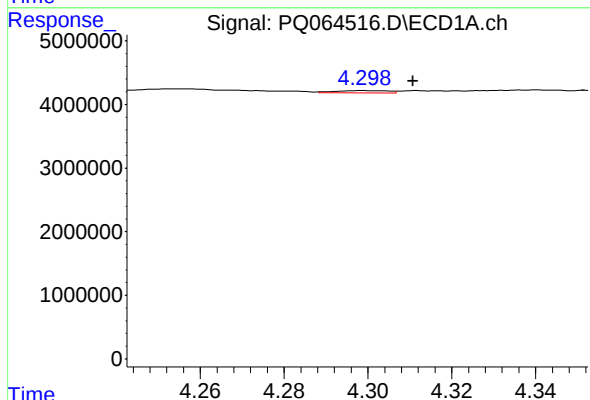
R.T.: 3.791 min
Delta R.T.: -0.019 min
Response: 950457
Conc: 11.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



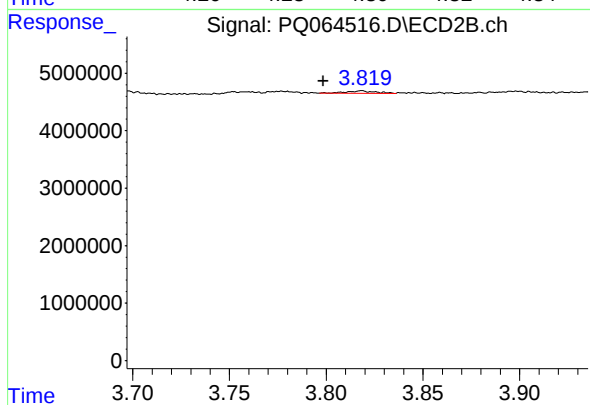
#11 AR-1232-1

R.T.: 3.134 min
Delta R.T.: 0.011 min
Response: 400862
Conc: 4.16 ng/ml



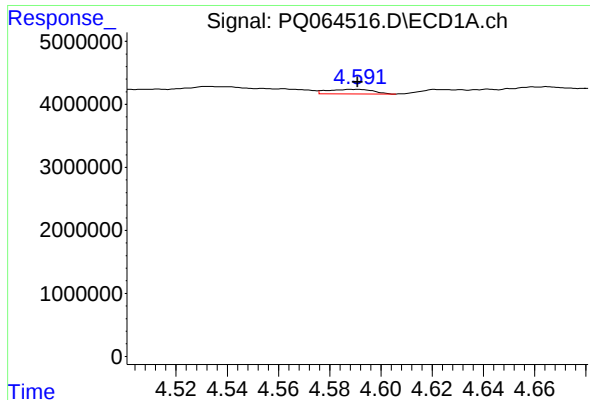
#12 AR-1232-2

R.T.: 4.299 min
Delta R.T.: -0.012 min
Response: 317404
Conc: 6.51 ng/ml



#12 AR-1232-2

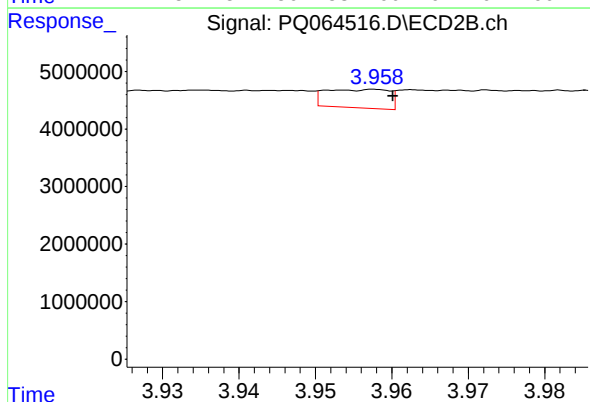
R.T.: 3.819 min
Delta R.T.: 0.020 min
Response: 444956
Conc: 5.32 ng/ml



#13 AR-1232-3

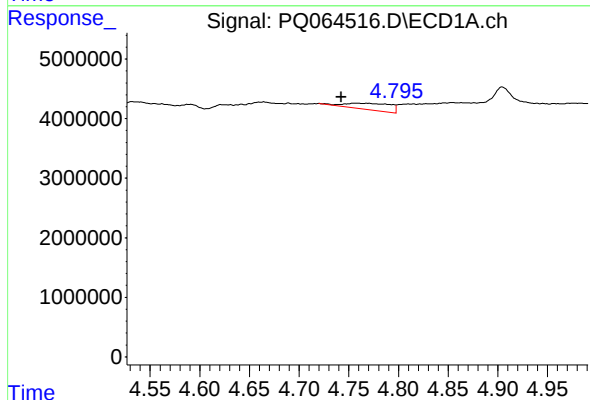
R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 889201
Conc: 10.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



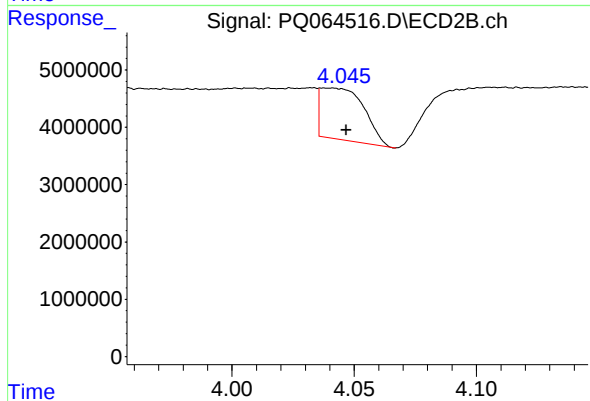
#13 AR-1232-3

R.T.: 3.958 min
Delta R.T.: -0.002 min
Response: 1854453
Conc: 41.65 ng/ml



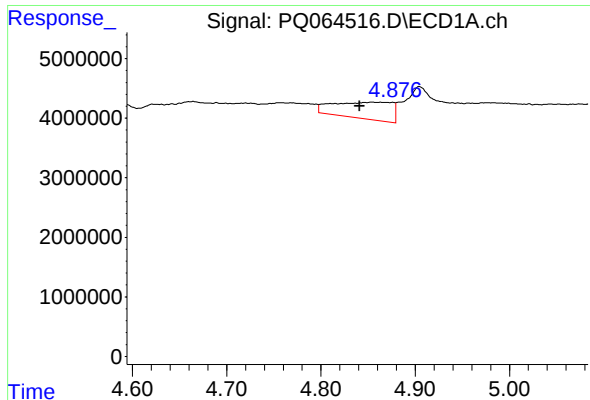
#14 AR-1232-4

R.T.: 4.755 min
Delta R.T.: 0.013 min
Response: 3464136
Conc: 84.09 ng/ml



#14 AR-1232-4

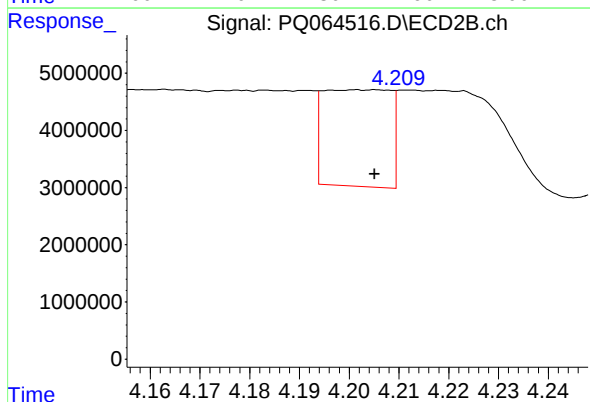
R.T.: 4.038 min
Delta R.T.: -0.009 min
Response: 11161798
Conc: 292.18 ng/ml



#15 AR-1232-5

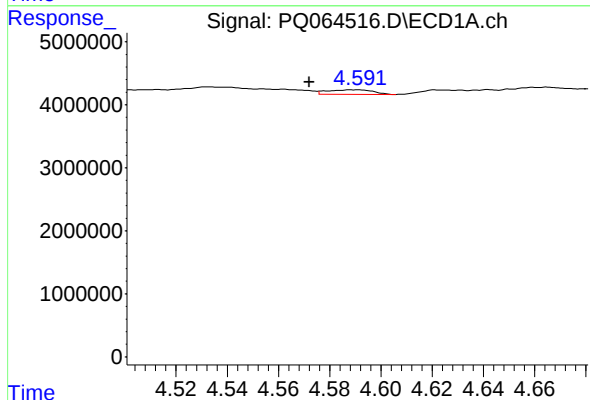
R.T.: 4.855 min
Delta R.T.: 0.013 min
Response: 12190797
Conc: 398.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



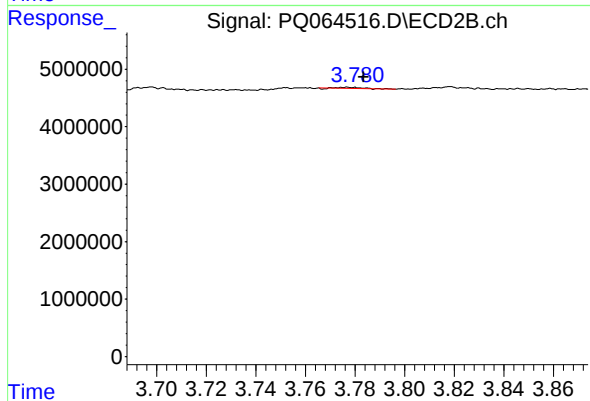
#15 AR-1232-5

R.T.: 4.201 min
Delta R.T.: -0.004 min
Response: 15658231
Conc: 367.93 ng/ml



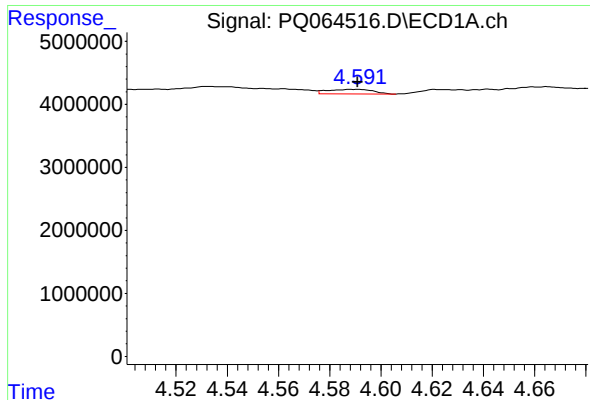
#16 AR-1242-1

R.T.: 4.590 min
Delta R.T.: 0.018 min
Response: 889201
Conc: 8.58 ng/ml



#16 AR-1242-1

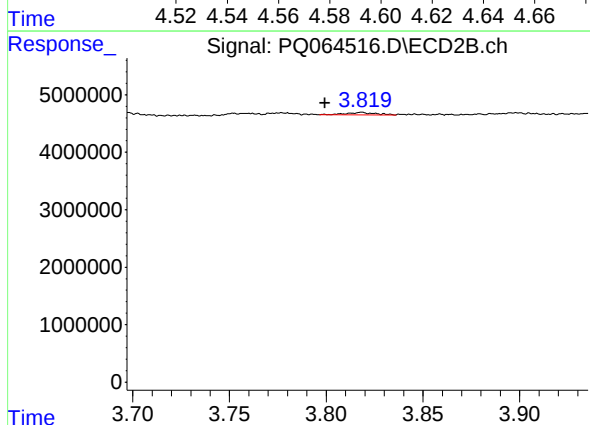
R.T.: 3.777 min
Delta R.T.: -0.006 min
Response: 133920
Conc: 1.29 ng/ml



#17 AR-1242-2

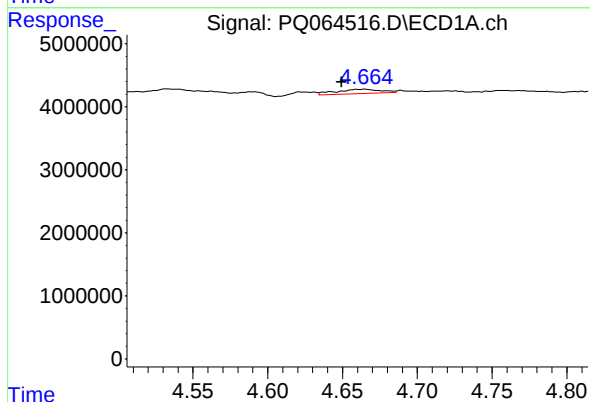
R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 889201
Conc: 5.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



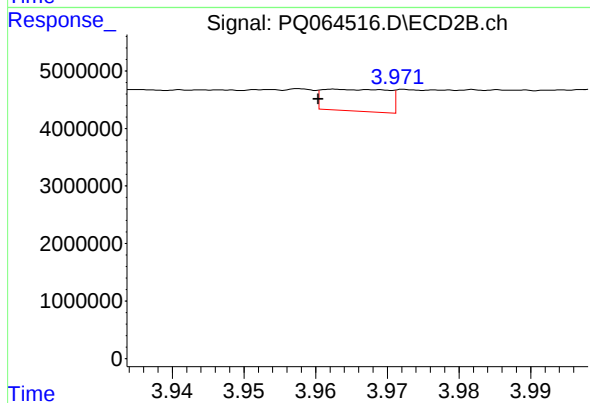
#17 AR-1242-2

R.T.: 3.819 min
Delta R.T.: 0.019 min
Response: 444956
Conc: 2.88 ng/ml



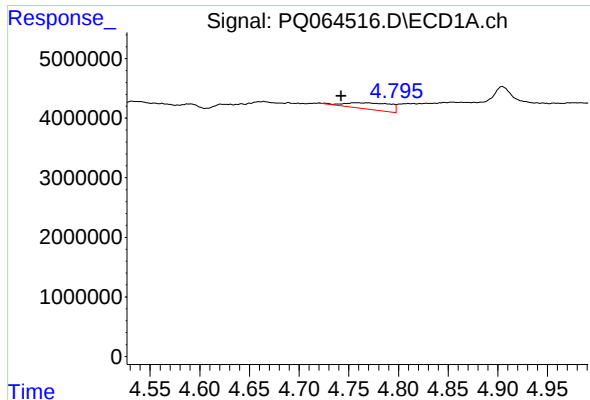
#18 AR-1242-3

R.T.: 4.665 min
Delta R.T.: 0.015 min
Response: 1499508
Conc: 15.48 ng/ml



#18 AR-1242-3

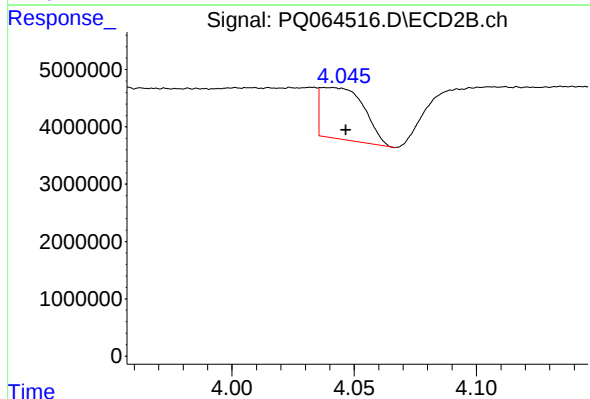
R.T.: 3.963 min
Delta R.T.: 0.002 min
Response: 2394111
Conc: 29.19 ng/ml



#19 AR-1242-4

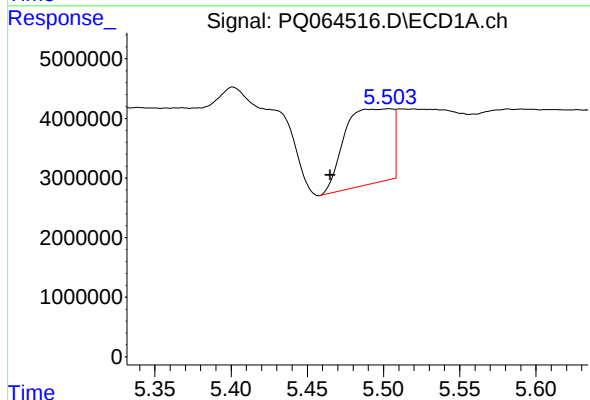
R.T.: 4.755 min
Delta R.T.: 0.013 min
Response: 3464136
Conc: 45.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



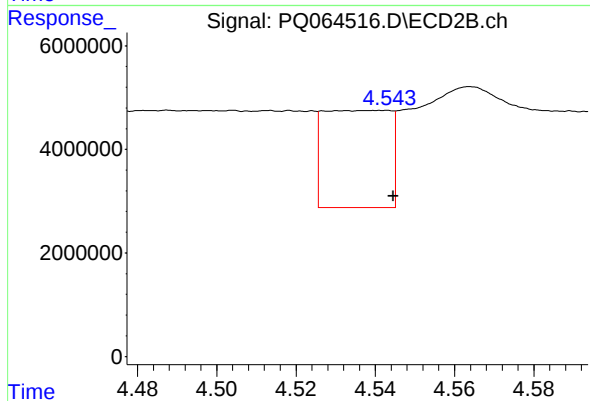
#19 AR-1242-4

R.T.: 4.038 min
Delta R.T.: -0.009 min
Response: 11161798
Conc: 143.05 ng/ml



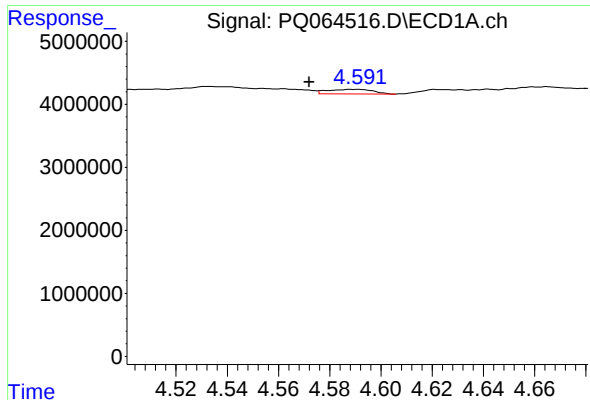
#20 AR-1242-5

R.T.: 5.503 min
Delta R.T.: 0.038 min
Response: 27389648
Conc: 329.94 ng/ml



#20 AR-1242-5

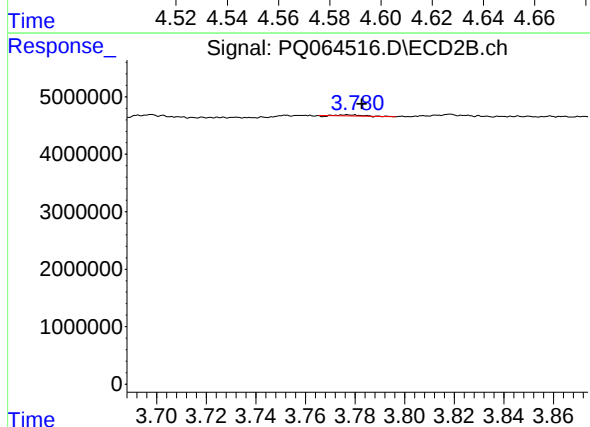
R.T.: 4.543 min
Delta R.T.: -0.002 min
Response: 21823961
Conc: 226.31 ng/ml



#21 AR-1248-1

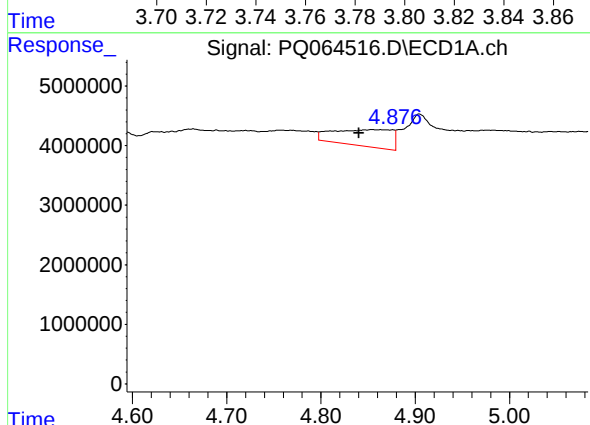
R.T.: 4.590 min
Delta R.T.: 0.018 min
Response: 889201
Conc: 11.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



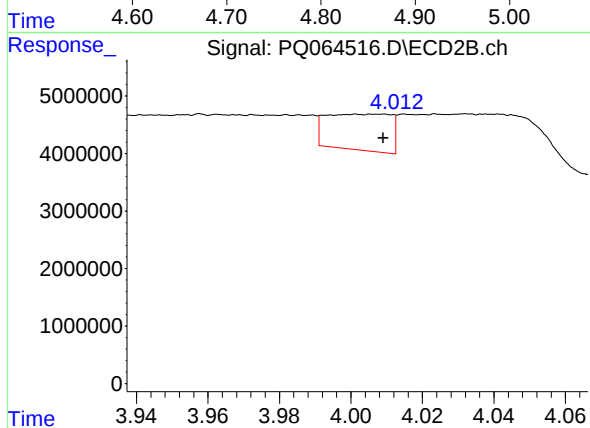
#21 AR-1248-1

R.T.: 3.777 min
Delta R.T.: -0.006 min
Response: 133920
Conc: 1.66 ng/ml



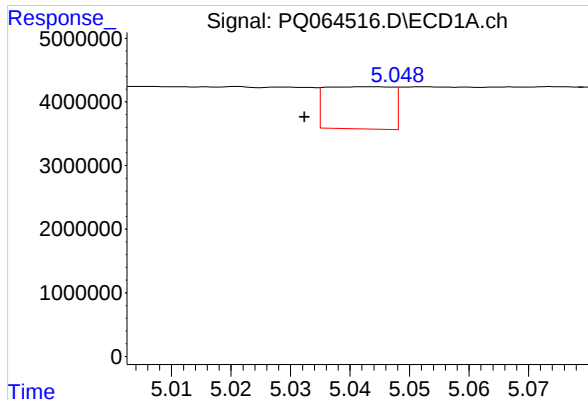
#22 AR-1248-2

R.T.: 4.855 min
Delta R.T.: 0.014 min
Response: 12190797
Conc: 109.24 ng/ml



#22 AR-1248-2

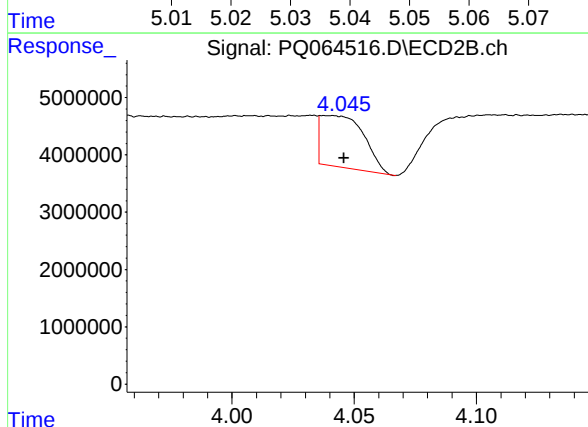
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 7893745
Conc: 64.39 ng/ml



#23 AR-1248-3

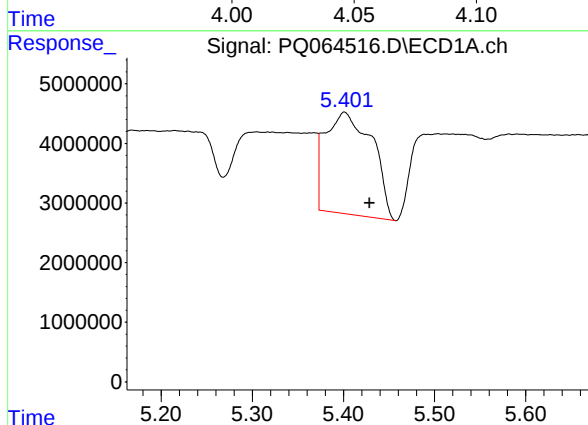
R.T.: 5.043 min
Delta R.T.: 0.011 min
Response: 5150797
Conc: 38.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



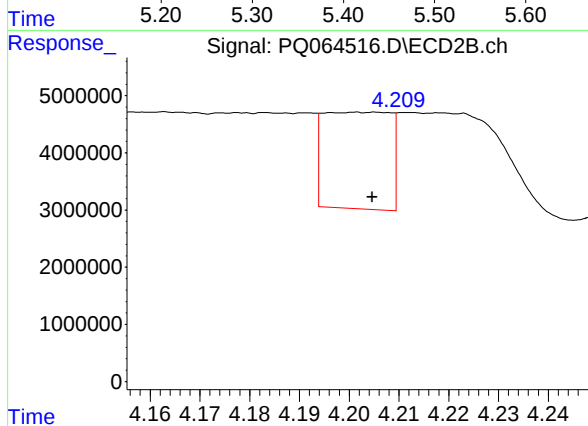
#23 AR-1248-3

R.T.: 4.038 min
Delta R.T.: -0.008 min
Response: 11161798
Conc: 95.65 ng/ml



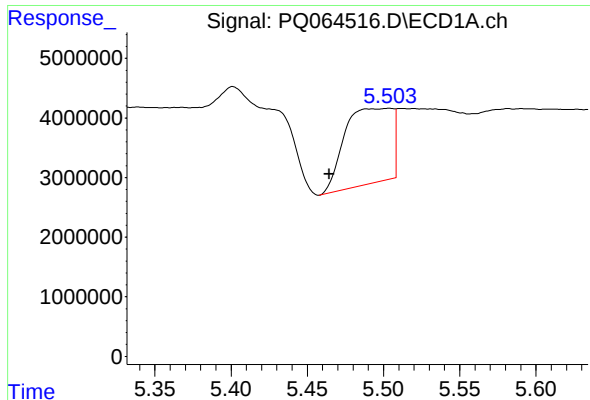
#24 AR-1248-4

R.T.: 5.401 min
Delta R.T.: -0.028 min
Response: 61280875
Conc: 428.17 ng/ml



#24 AR-1248-4

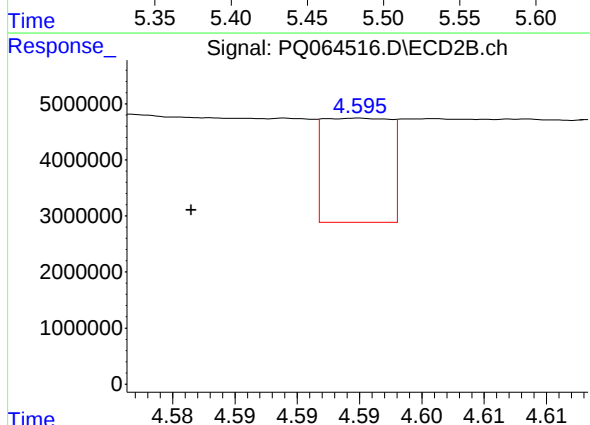
R.T.: 4.201 min
Delta R.T.: -0.003 min
Response: 15658231
Conc: 111.70 ng/ml



#25 AR-1248-5

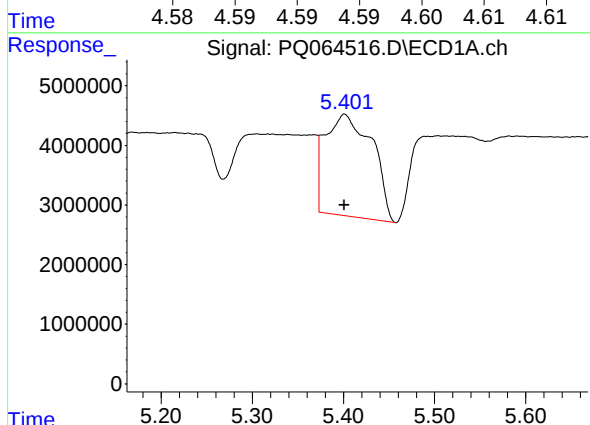
R.T.: 5.503 min
Delta R.T.: 0.039 min
Response: 27389648
Conc: 195.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



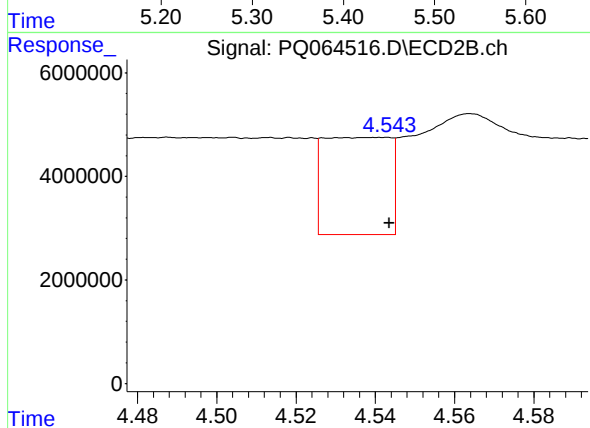
#25 AR-1248-5

R.T.: 4.595 min
Delta R.T.: 0.014 min
Response: 6923294
Conc: 52.03 ng/ml



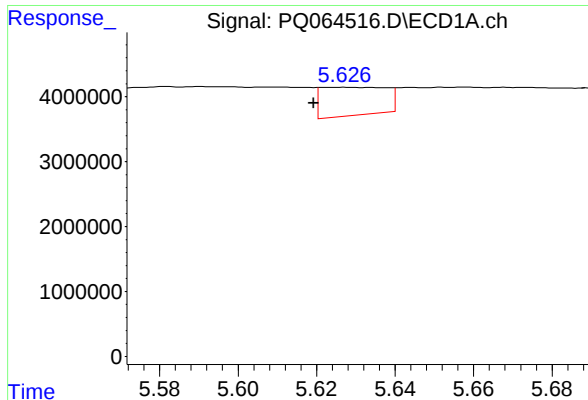
#26 AR-1254-1

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 61280875
Conc: 400.09 ng/ml



#26 AR-1254-1

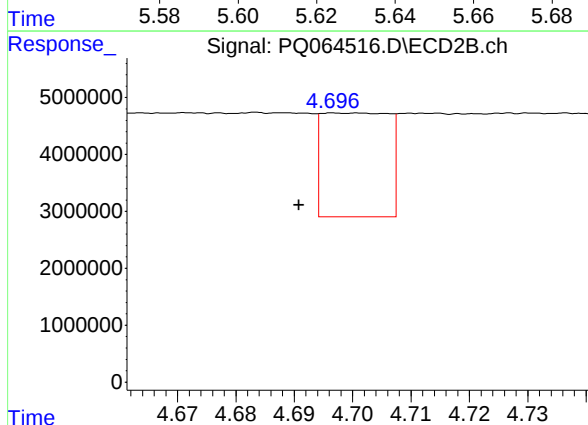
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 21823961
Conc: 104.23 ng/ml



#27 AR-1254-2

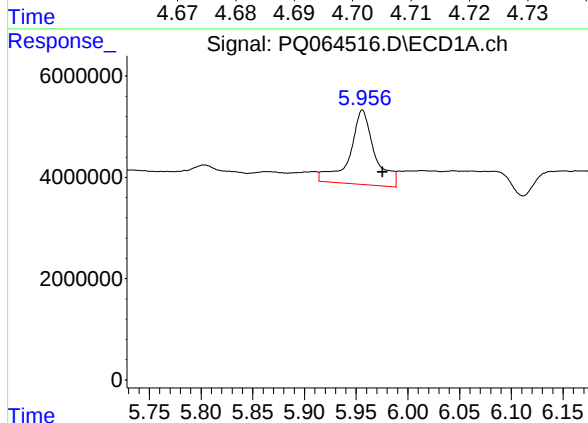
R.T.: 5.627 min
Delta R.T.: 0.008 min
Response: 5005058
Conc: 21.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



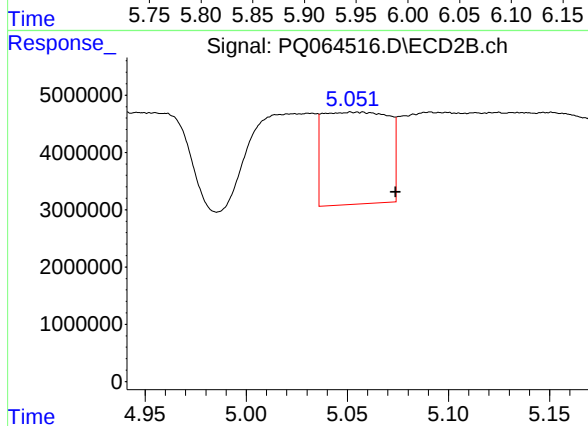
#27 AR-1254-2

R.T.: 4.697 min
Delta R.T.: 0.006 min
Response: 14412219
Conc: 77.91 ng/ml



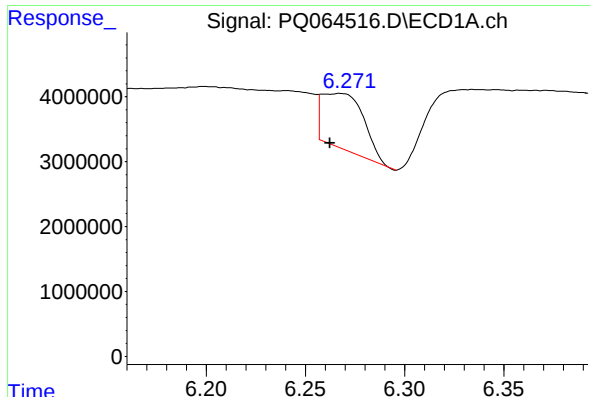
#28 AR-1254-3

R.T.: 5.956 min
Delta R.T.: -0.020 min
Response: 24655901
Conc: 100.31 ng/ml



#28 AR-1254-3

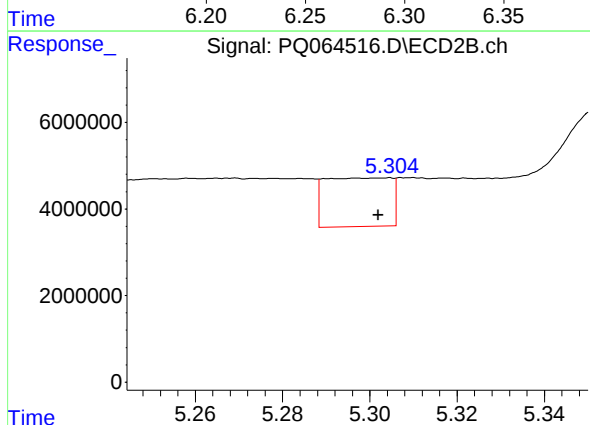
R.T.: 5.058 min
Delta R.T.: -0.016 min
Response: 36102376
Conc: 127.61 ng/ml



#29 AR-1254-4

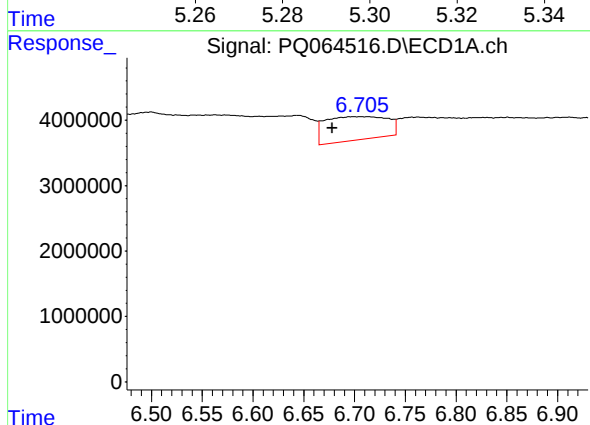
R.T.: 6.268 min
Delta R.T.: 0.005 min
Response: 12488592
Conc: 71.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



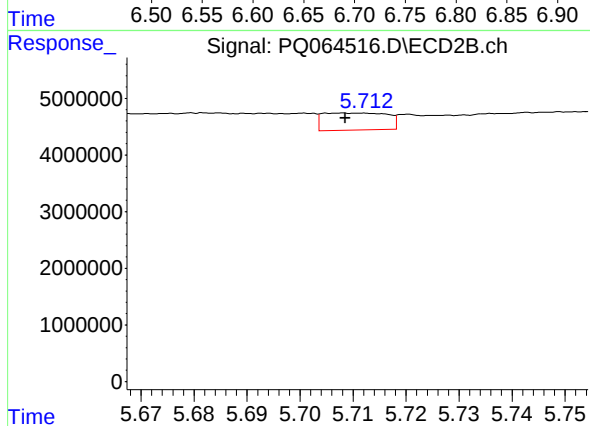
#29 AR-1254-4

R.T.: 5.297 min
Delta R.T.: -0.005 min
Response: 11791934
Conc: 63.52 ng/ml



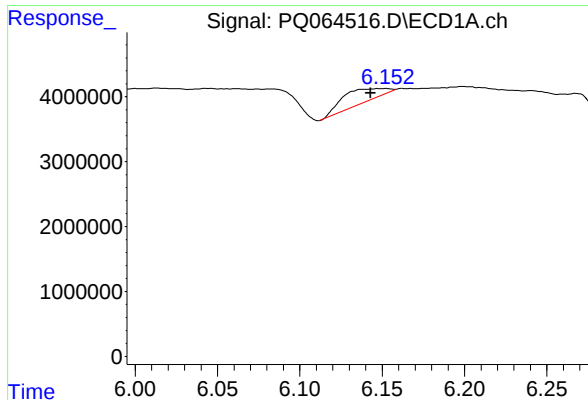
#30 AR-1254-5

R.T.: 6.706 min
Delta R.T.: 0.028 min
Response: 15252015
Conc: 79.03 ng/ml



#30 AR-1254-5

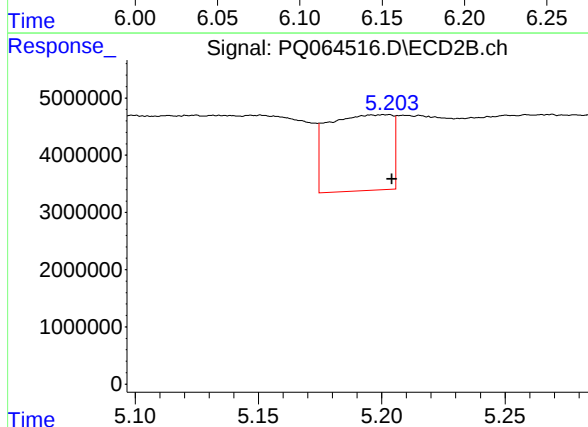
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 2550822
Conc: 9.82 ng/ml



#31 AR-1260-1

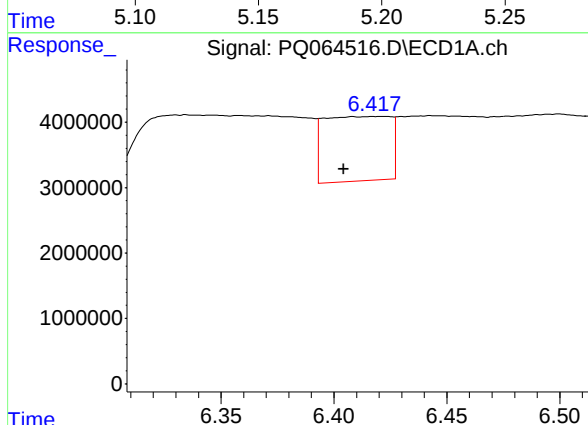
R.T.: 6.152 min
Delta R.T.: 0.009 min
Response: 3632054
Conc: 19.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



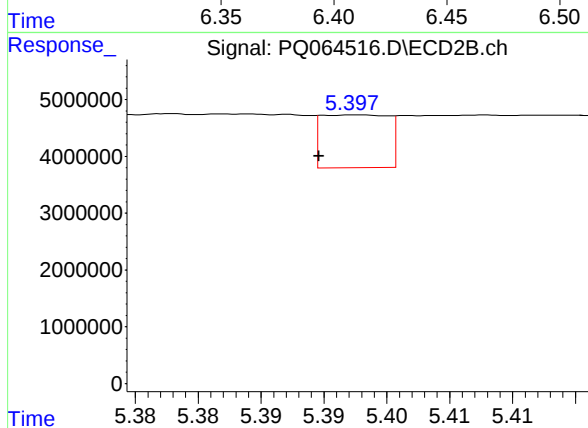
#31 AR-1260-1

R.T.: 5.203 min
Delta R.T.: -0.001 min
Response: 23937430
Conc: 123.78 ng/ml



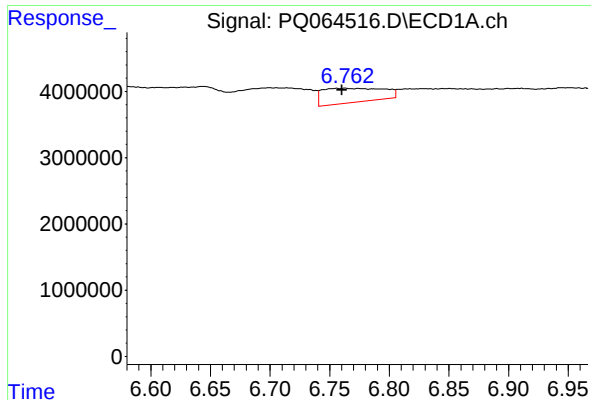
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: 0.004 min
Response: 20003009
Conc: 92.27 ng/ml



#32 AR-1260-2

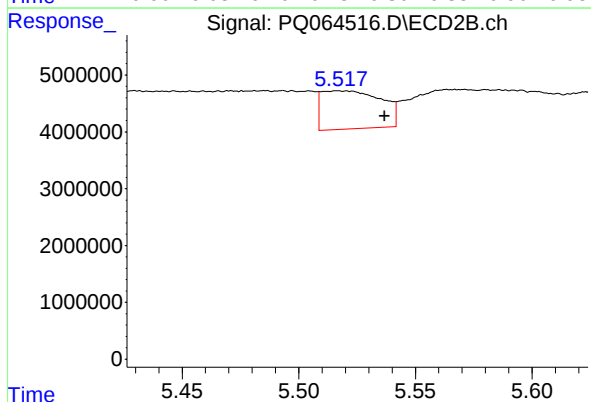
R.T.: 5.398 min
Delta R.T.: 0.003 min
Response: 3441625
Conc: 14.79 ng/ml



#33 AR-1260-3

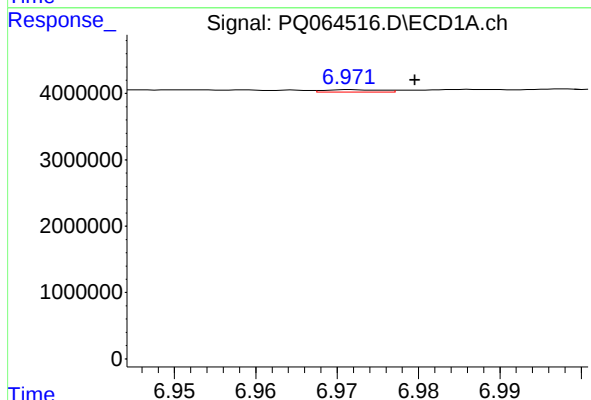
R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 7589544
Conc: 46.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



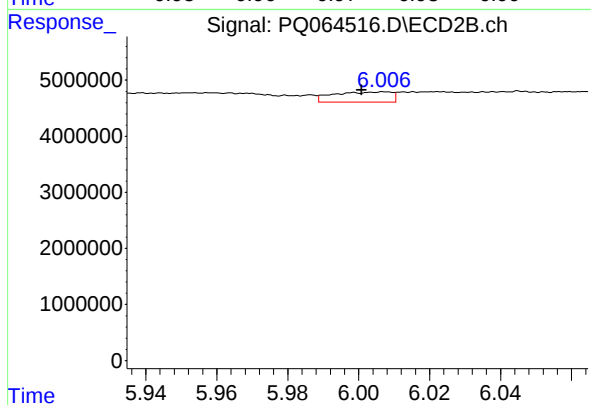
#33 AR-1260-3

R.T.: 5.517 min
Delta R.T.: -0.020 min
Response: 11871279
Conc: 54.61 ng/ml



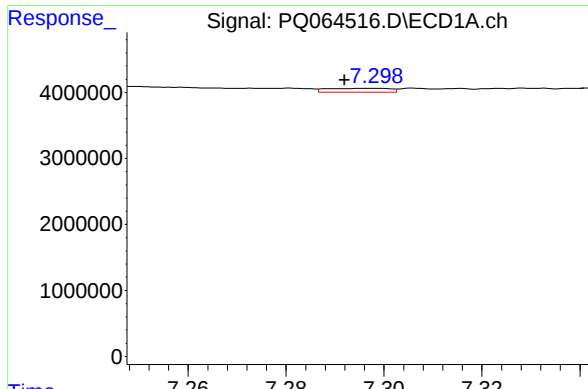
#34 AR-1260-4

R.T.: 6.972 min
Delta R.T.: -0.008 min
Response: 181333
Conc: 1.06 ng/ml



#34 AR-1260-4

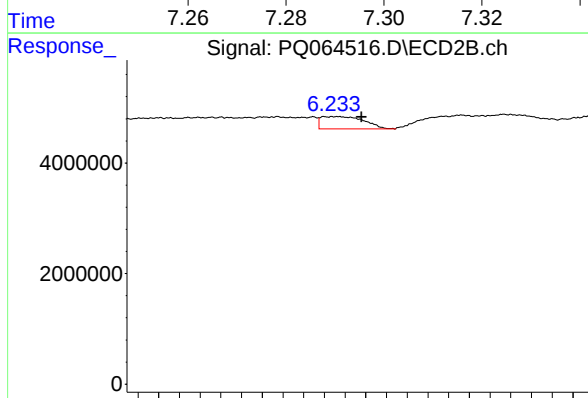
R.T.: 6.007 min
Delta R.T.: 0.006 min
Response: 2088024
Conc: 11.34 ng/ml



#35 AR-1260-5

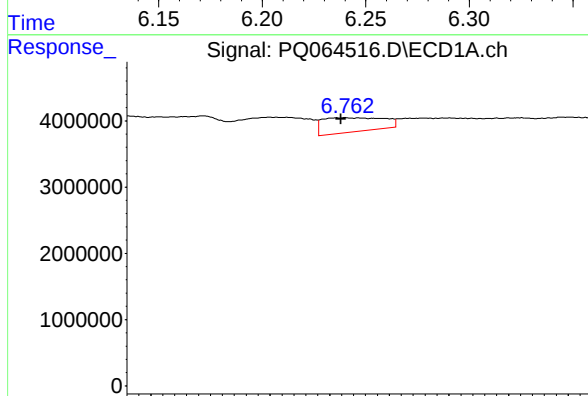
R.T.: 7.298 min
Delta R.T.: 0.006 min
Response: 535446
Conc: 1.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



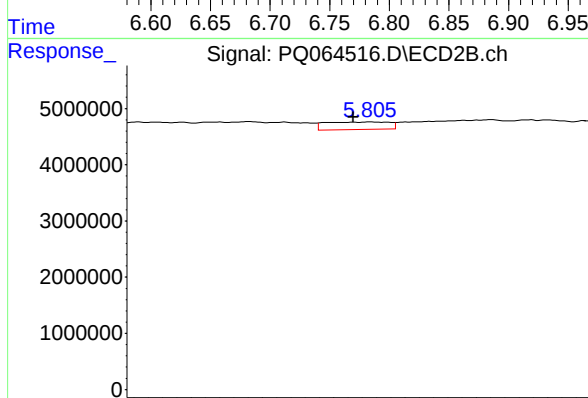
#35 AR-1260-5

R.T.: 6.234 min
Delta R.T.: -0.014 min
Response: 3217903
Conc: 7.42 ng/ml



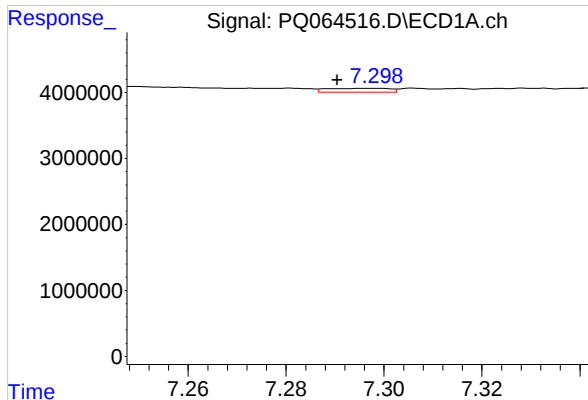
#36 AR-1262-1

R.T.: 6.763 min
Delta R.T.: 0.003 min
Response: 7589544
Conc: 30.85 ng/ml



#36 AR-1262-1

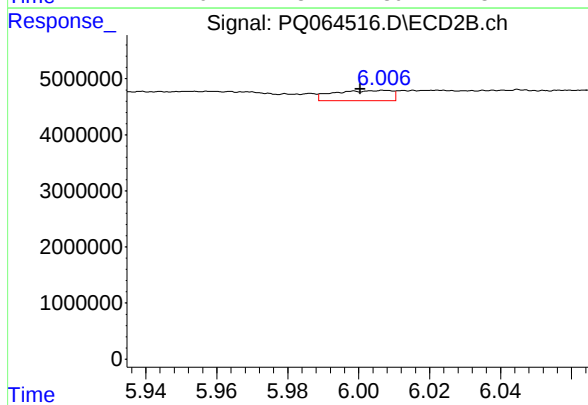
R.T.: 5.806 min
Delta R.T.: 0.003 min
Response: 810370
Conc: 7.11 ng/ml



#37 AR-1262-2

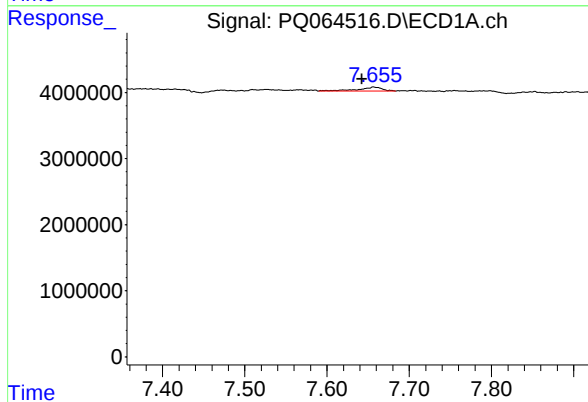
R.T.: 7.298 min
Delta R.T.: 0.008 min
Response: 535446
Conc: 1.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



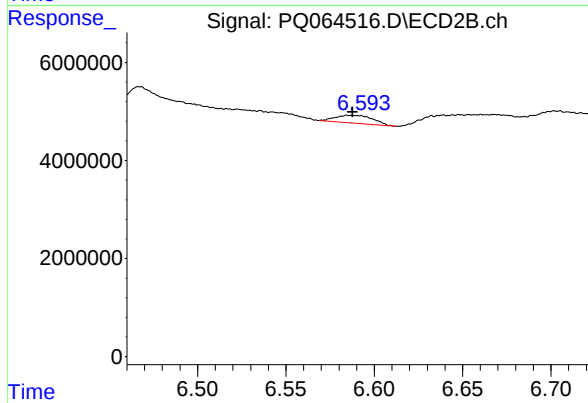
#37 AR-1262-2

R.T.: 6.007 min
Delta R.T.: 0.007 min
Response: 2088024
Conc: 8.20 ng/ml



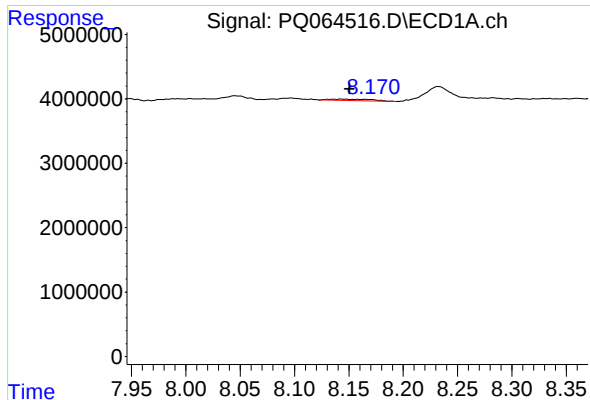
#39 AR-1262-4

R.T.: 7.657 min
Delta R.T.: 0.014 min
Response: 1197878
Conc: 5.68 ng/ml



#39 AR-1262-4

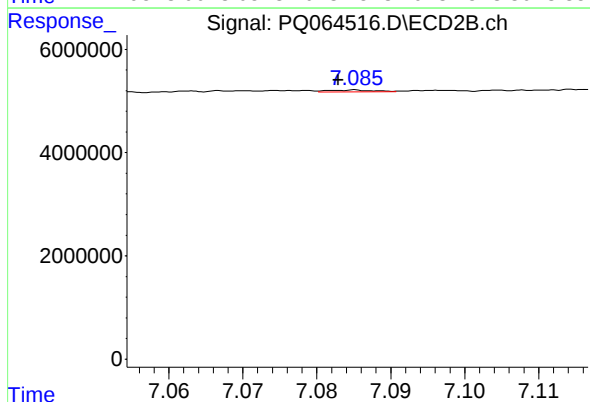
R.T.: 6.585 min
Delta R.T.: -0.003 min
Response: 2402788
Conc: 5.55 ng/ml



#40 AR-1262-5

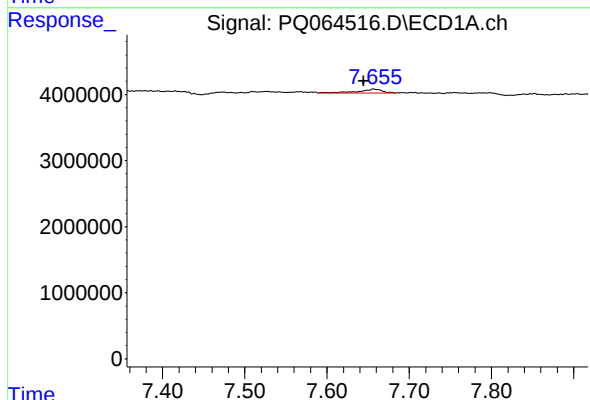
R.T.: 8.143 min
Delta R.T.: -0.008 min
Response: 646851
Conc: 4.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



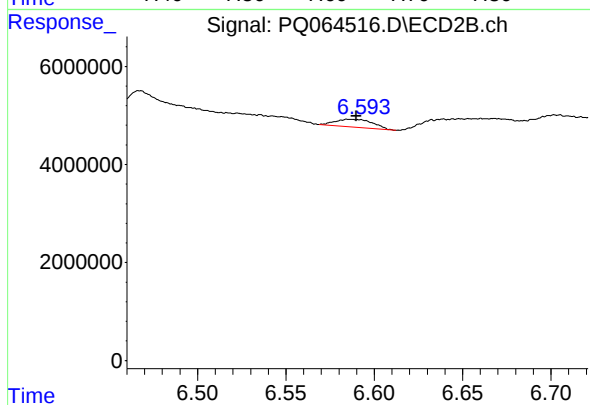
#40 AR-1262-5

R.T.: 7.085 min
Delta R.T.: 0.002 min
Response: 158909
Conc: 0.61 ng/ml



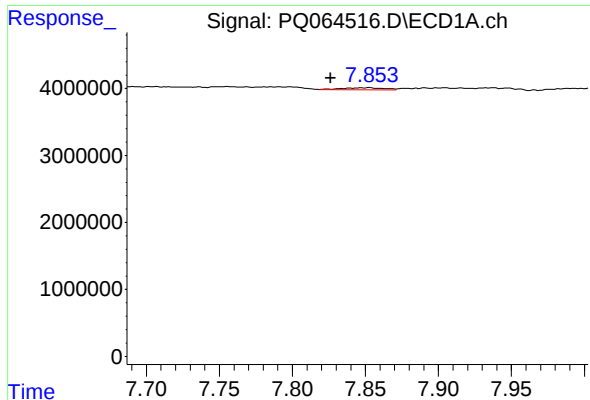
#42 AR-1268-2

R.T.: 7.657 min
Delta R.T.: 0.012 min
Response: 1197878
Conc: 2.75 ng/ml



#42 AR-1268-2

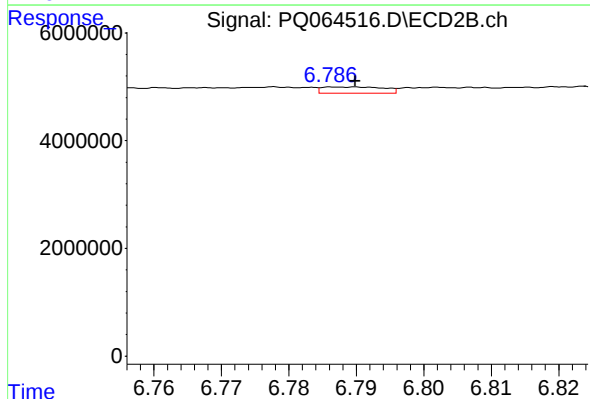
R.T.: 6.585 min
Delta R.T.: -0.005 min
Response: 2402788
Conc: 3.87 ng/ml



#43 AR-1268-3

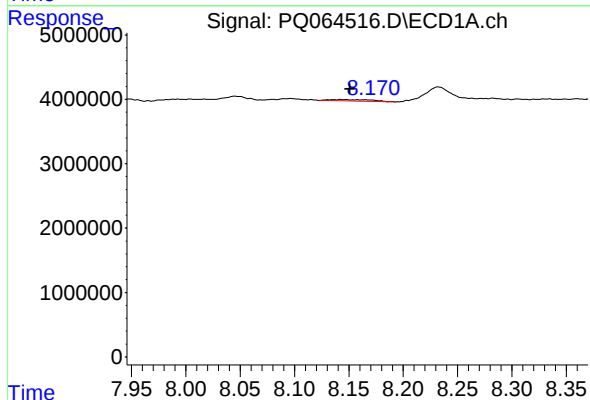
R.T.: 7.853 min
Delta R.T.: 0.026 min
Response: 557610
Conc: 1.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



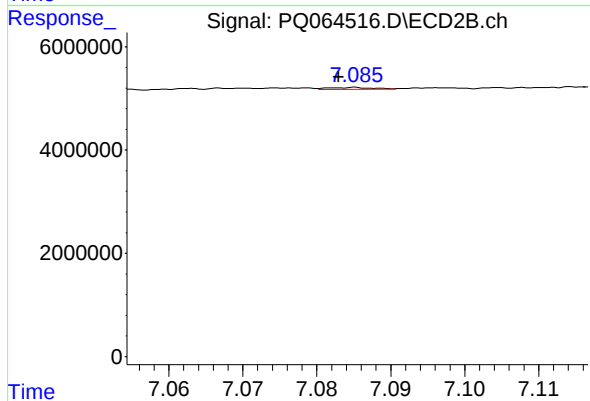
#43 AR-1268-3

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 733805
Conc: 1.15 ng/ml



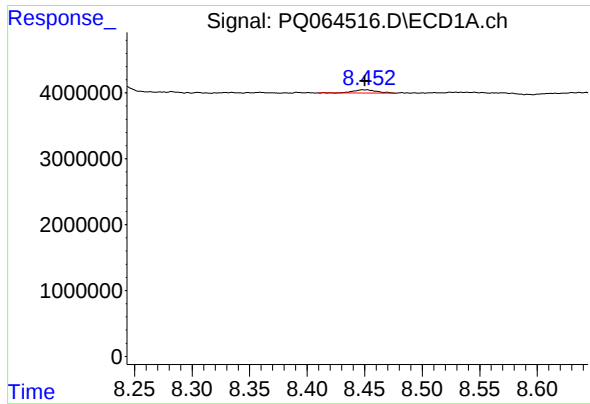
#44 AR-1268-4

R.T.: 8.143 min
Delta R.T.: -0.009 min
Response: 646851
Conc: 4.23 ng/ml



#44 AR-1268-4

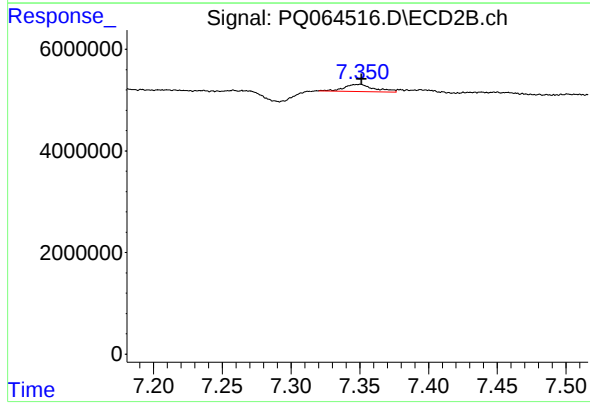
R.T.: 7.085 min
Delta R.T.: 0.002 min
Response: 158909
Conc: 0.53 ng/ml



#45 AR-1268-5

R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 707676
Conc: 0.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 2141991
Conc: 1.13 ng/ml