

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
 Data File : PQ062990.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 02:19
 Operator : YP\AJ
 Sample : 03572-07
 Misc : AR1262 LOD 40 PPB
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 02:59:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 10 11:15:56 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...	3.452	2.781	118.7E6	88350140	22.086	21.422
2) SA Decachlor...	8.684	7.588	100.3E6	100.8E6	25.894	23.306
Target Compounds						
3) L1 AR-1016-1	4.564	3.796	396087	321251	2.036	2.016
4) L1 AR-1016-2	4.581	3.808	623916	444755	2.249	2.081
5) L1 AR-1016-3	4.638	3.972	1708046	362798	9.988	3.035 #
6) L1 AR-1016-4	4.733	4.020	199562	760461	1.418	7.838 #
7) L1 AR-1016-5	5.027	4.214	451220	989131	3.279	7.860 #
8) L2 AR-1221-1	3.658	3.002	455296	132304	6.691	2.411 #
9) L2 AR-1221-2	3.733	3.052	1941363	1145623	40.690	30.373 #
10) L2 AR-1221-3	3.809	3.140	1256478	497274	8.142	4.133 #
11) L3 AR-1232-1	3.809	3.140	1256478	497274	9.725	5.104 #
12) L3 AR-1232-2	4.302	3.808	330298	444755	4.736	4.572
13) L3 AR-1232-3	4.581	3.972	623916	362798	5.106	6.833 #
14) L3 AR-1232-4	4.733	4.058	199562	724063	3.307	15.775 #
15) L3 AR-1232-5	4.827	4.214	1012310	989131	23.193	18.242
16) L4 AR-1242-1	4.564	3.796	396087	321251	2.347	2.224
17) L4 AR-1242-2	4.581	3.808	623916	444755	2.587	2.341
18) L4 AR-1242-3	4.638	3.972	1708046	362798	11.660	3.361 #
19) L4 AR-1242-4	4.733	4.058	199562	724063	1.613	7.268 #
20) L4 AR-1242-5	5.456	4.555	705323	2948151	5.337	21.805 #
21) L5 AR-1248-1	4.564	3.796	396087	321251	2.975	2.876
22) L5 AR-1248-2	4.827	4.020	1012310	760461	5.793	4.816
23) L5 AR-1248-3	5.027	4.058	451220	724063	2.134	4.748 #
24) L5 AR-1248-4	5.419	4.214	716655	989131	3.008	5.202 #
25) L5 AR-1248-5	5.456	4.592	705323	1397248	3.035	7.224 #
26) L6 AR-1254-1	5.395	4.555	2394472	2948151	10.933	10.988
27) L6 AR-1254-2	5.614	4.701	1863787	4374654	5.504	18.638 #
28) L6 AR-1254-3	5.967	5.107	5673517	8701269	15.825	23.009 #
29) L6 AR-1254-4	6.255	5.313	6923493	3648622	25.554	14.935 #
30) L6 AR-1254-5	6.668	5.722	14476426	8337551	52.369	24.157 #
31) L7 AR-1260-1	6.136	5.217	14445779	11991891	56.509	48.049
32) L7 AR-1260-2	6.396	5.407	20467651	11158615	67.436	36.232 #
33) L7 AR-1260-3	6.752	5.552	18790561	12248359	89.138	39.527 #
34) L7 AR-1260-4	6.971	6.016	15203790	18670974	63.440	76.141
35) L7 AR-1260-5	7.283	6.262	24490623	31644636	52.202	57.902
36) L8 AR-1262-1	6.752	5.817	18790561	6375540	58.185	44.651
37) L8 AR-1262-2	7.283	6.016	24490623	18670974	45.129	59.748 #
38) L8 AR-1262-3	7.560	6.543	16526129	16546278	45.752	65.637 #
39) L8 AR-1262-4	7.634	6.604	14413360	27391245	51.423	58.590
40) L8 AR-1262-5	8.141	7.099	8702209	9077835	46.299	41.313
41) L9 AR-1268-1	7.560	6.543	16526129	16546278	25.554	22.172

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Integration File signal 1: autoint1.e
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 Quant Time: Aug 11 02:59:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 10 11:15:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

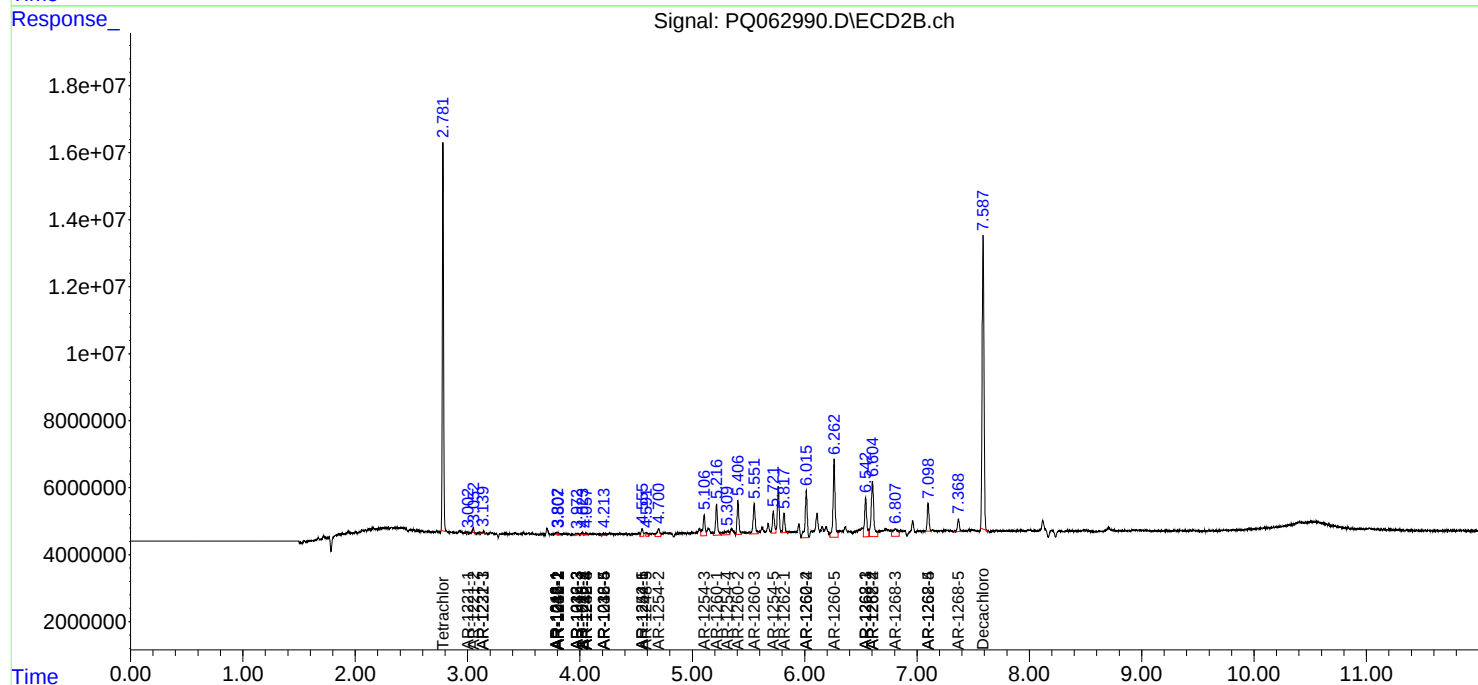
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

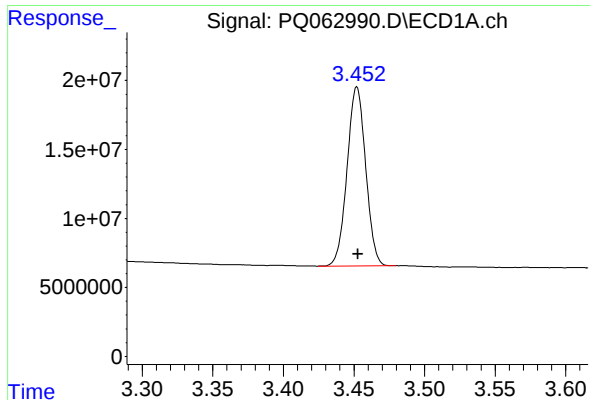
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.634	6.604	14413360	27391245	24.035	39.892 #
43) L9	AR-1268-3	7.819	6.806	3035505	7350962	6.165	12.524 #
44) L9	AR-1268-4	8.141	7.099	8702209	9077835	40.563	35.650
45) L9	AR-1268-5	8.443	7.368	3944323	4737140	2.559	2.674

(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

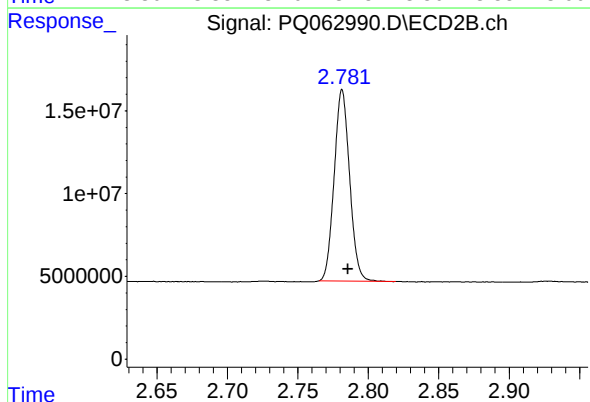




#1 Tetrachloro-m-xylene

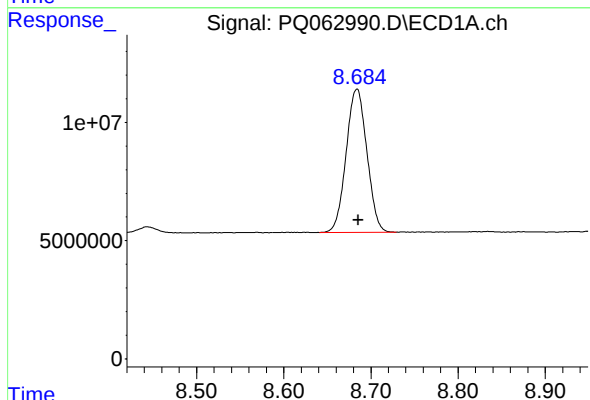
R.T.: 3.452 min
Delta R.T.: 0.000 min
Response: 118677554
Conc: 22.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



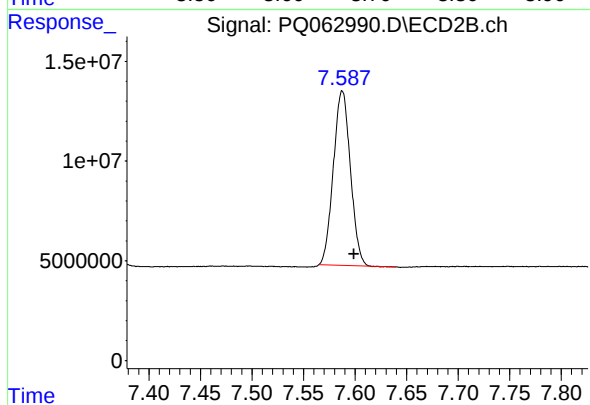
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.004 min
Response: 88350140
Conc: 21.42 ng/ml



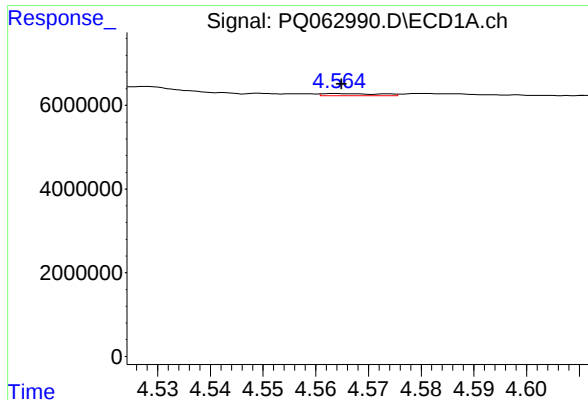
#2 Decachlorobiphenyl

R.T.: 8.684 min
Delta R.T.: -0.002 min
Response: 100257155
Conc: 25.89 ng/ml



#2 Decachlorobiphenyl

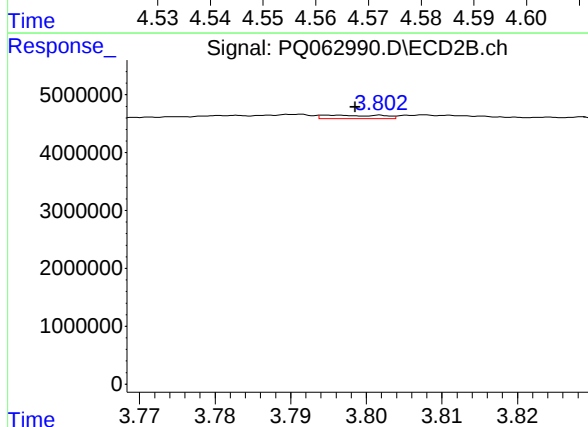
R.T.: 7.588 min
Delta R.T.: -0.011 min
Response: 100806796
Conc: 23.31 ng/ml



#3 AR-1016-1

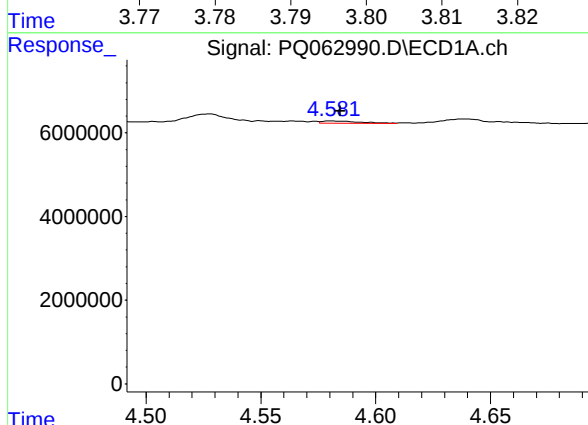
R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 396087
Conc: 2.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



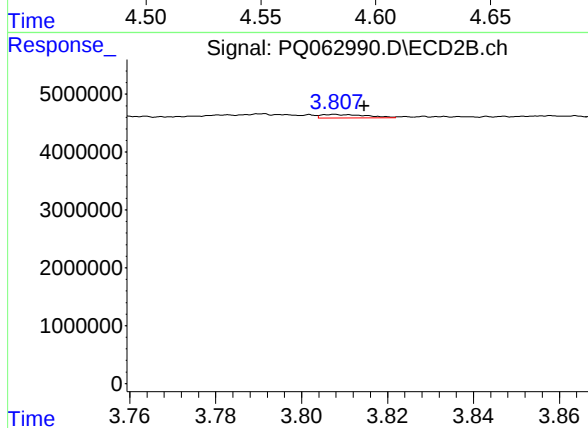
#3 AR-1016-1

R.T.: 3.796 min
Delta R.T.: -0.003 min
Response: 321251
Conc: 2.02 ng/ml



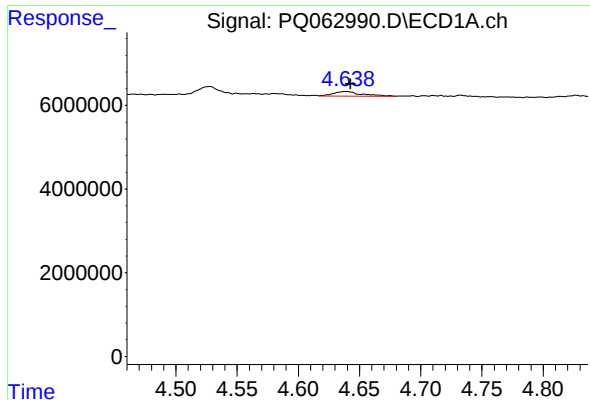
#4 AR-1016-2

R.T.: 4.581 min
Delta R.T.: -0.004 min
Response: 623916
Conc: 2.25 ng/ml



#4 AR-1016-2

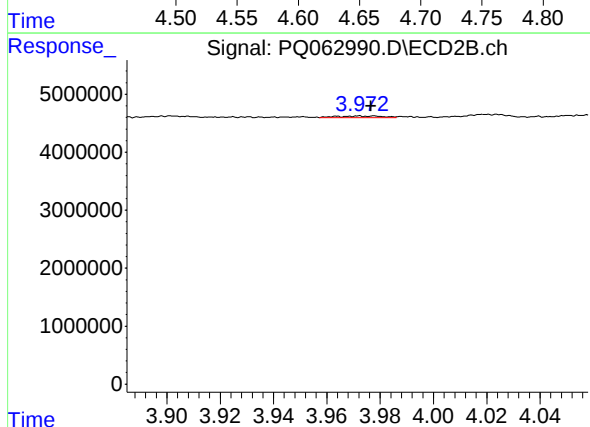
R.T.: 3.808 min
Delta R.T.: -0.007 min
Response: 444755
Conc: 2.08 ng/ml



#5 AR-1016-3

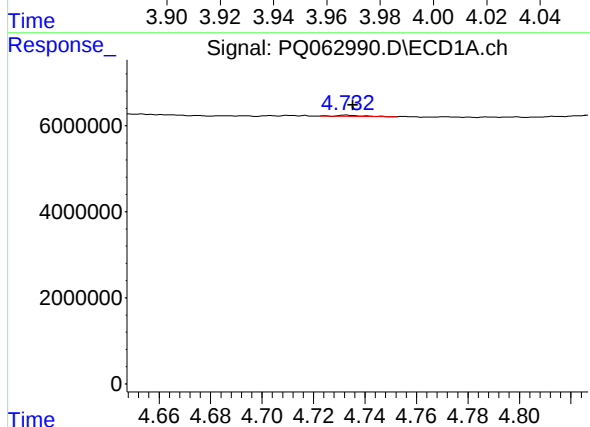
R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 1708046
Conc: 9.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



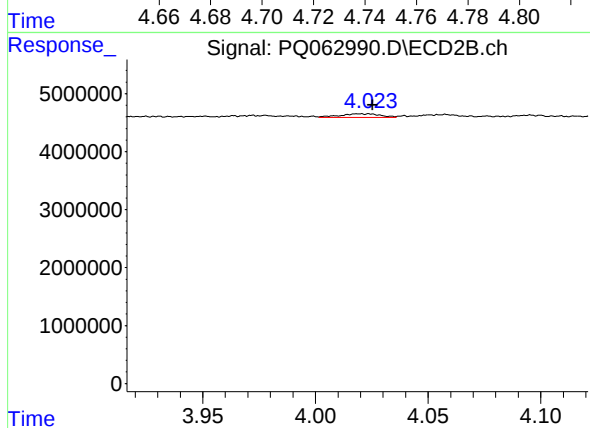
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 362798
Conc: 3.03 ng/ml



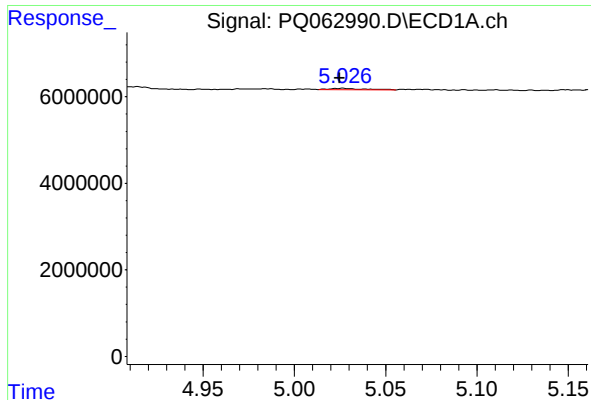
#6 AR-1016-4

R.T.: 4.733 min
Delta R.T.: -0.003 min
Response: 199562
Conc: 1.42 ng/ml



#6 AR-1016-4

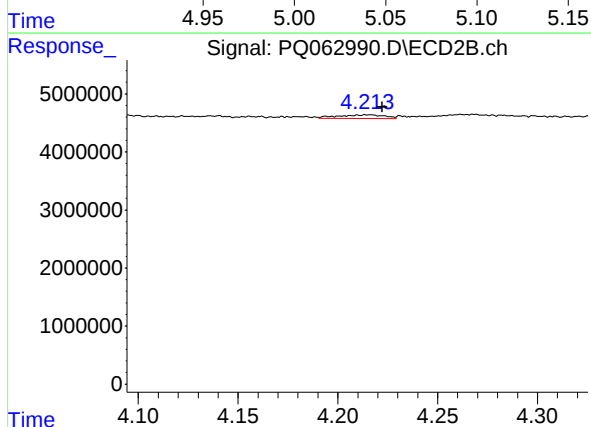
R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 760461
Conc: 7.84 ng/ml



#7 AR-1016-5

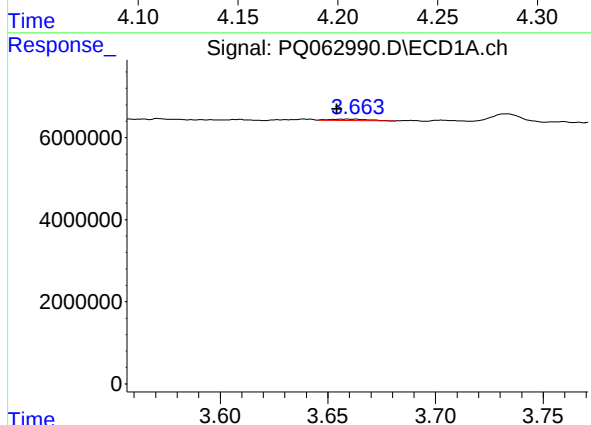
R.T.: 5.027 min
Delta R.T.: 0.002 min
Response: 451220
Conc: 3.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



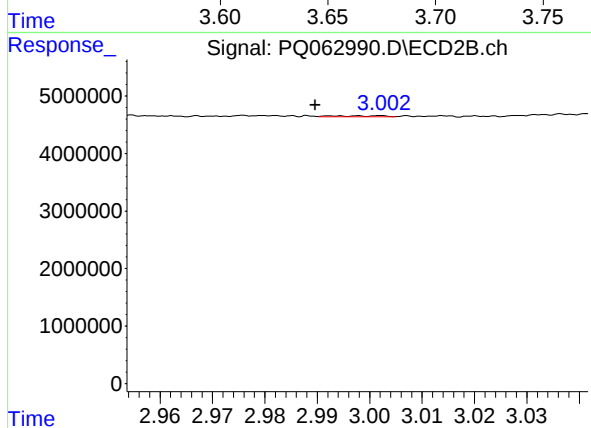
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: -0.009 min
Response: 989131
Conc: 7.86 ng/ml



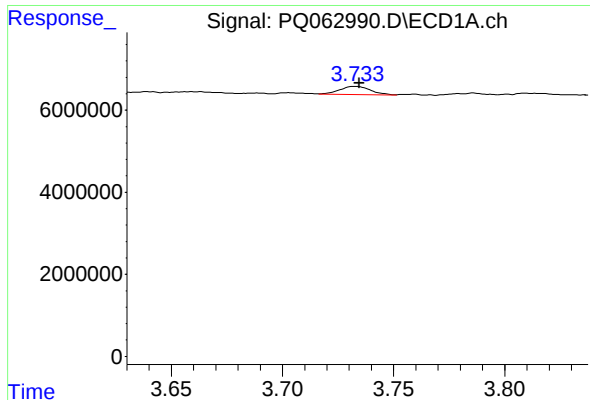
#8 AR-1221-1

R.T.: 3.658 min
Delta R.T.: 0.004 min
Response: 455296
Conc: 6.69 ng/ml



#8 AR-1221-1

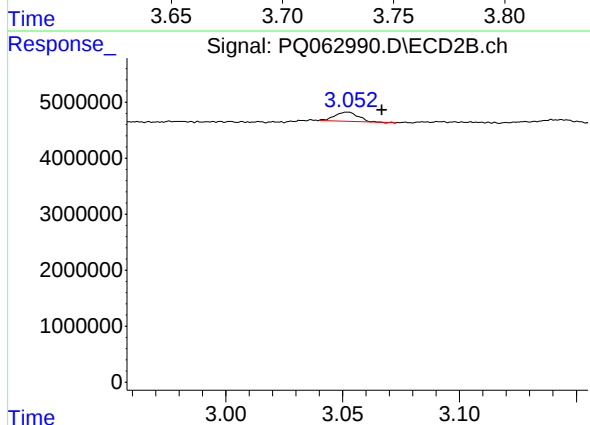
R.T.: 3.002 min
Delta R.T.: 0.013 min
Response: 132304
Conc: 2.41 ng/ml



#9 AR-1221-2

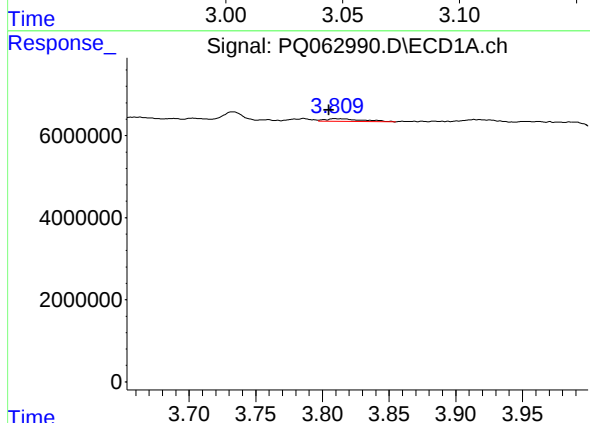
R.T.: 3.733 min
Delta R.T.: -0.002 min
Response: 1941363
Conc: 40.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



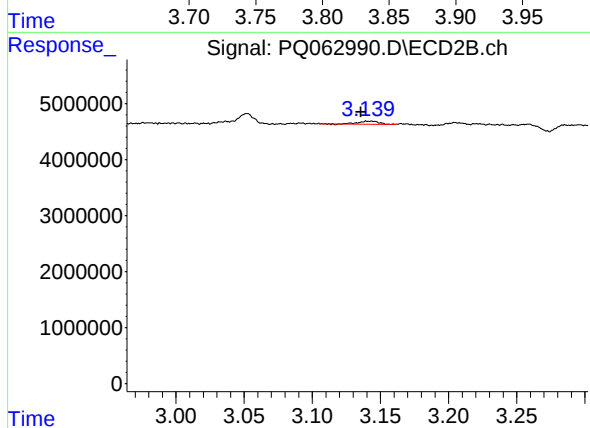
#9 AR-1221-2

R.T.: 3.052 min
Delta R.T.: -0.015 min
Response: 1145623
Conc: 30.37 ng/ml



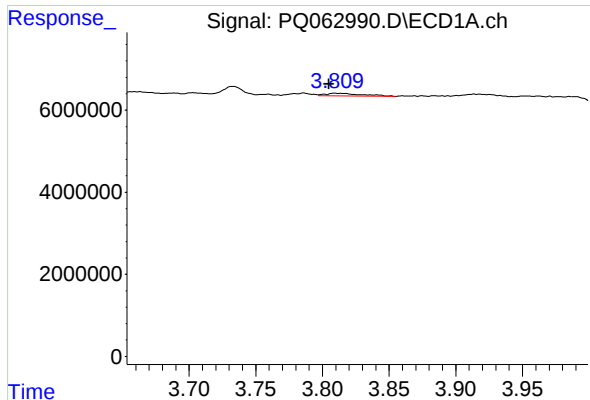
#10 AR-1221-3

R.T.: 3.809 min
Delta R.T.: 0.005 min
Response: 1256478
Conc: 8.14 ng/ml



#10 AR-1221-3

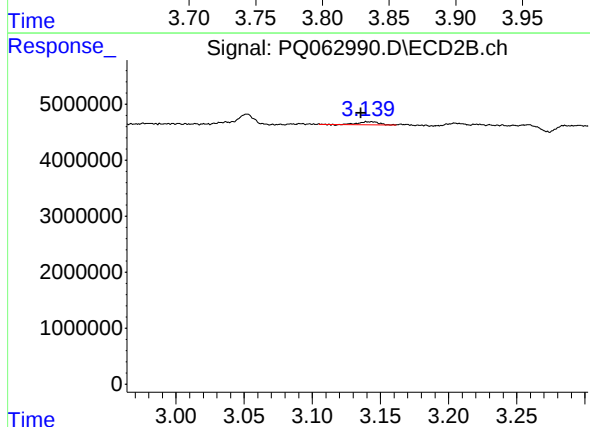
R.T.: 3.140 min
Delta R.T.: 0.004 min
Response: 497274
Conc: 4.13 ng/ml



#11 AR-1232-1

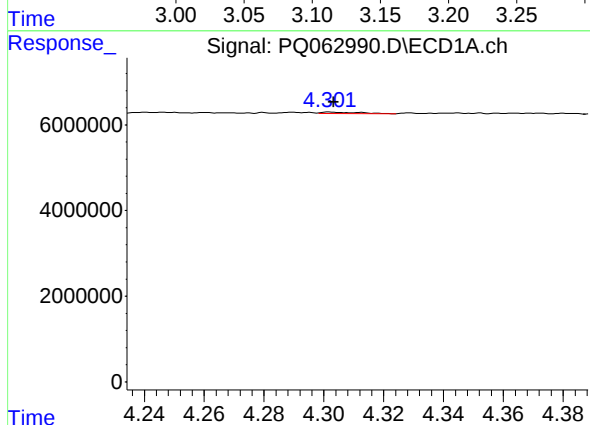
R.T.: 3.809 min
Delta R.T.: 0.004 min
Response: 1256478
Conc: 9.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



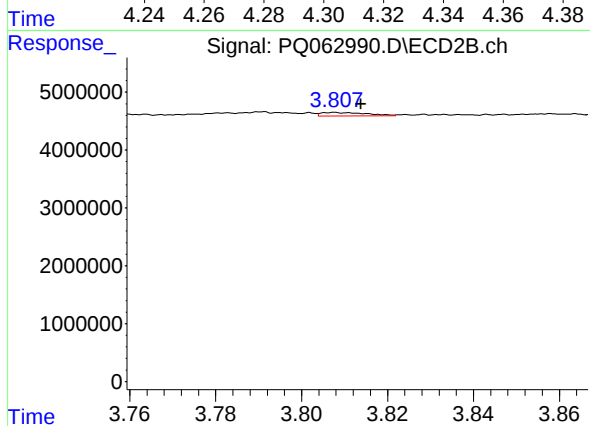
#11 AR-1232-1

R.T.: 3.140 min
Delta R.T.: 0.004 min
Response: 497274
Conc: 5.10 ng/ml



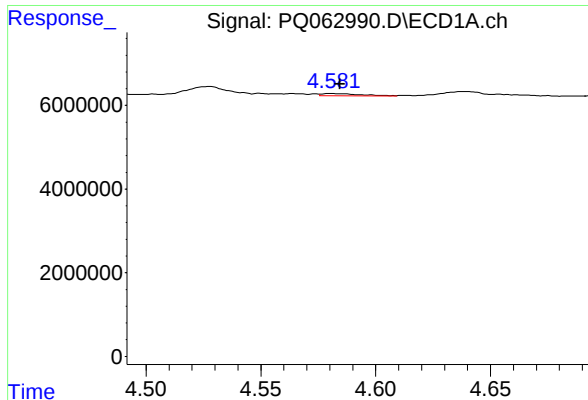
#12 AR-1232-2

R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 330298
Conc: 4.74 ng/ml



#12 AR-1232-2

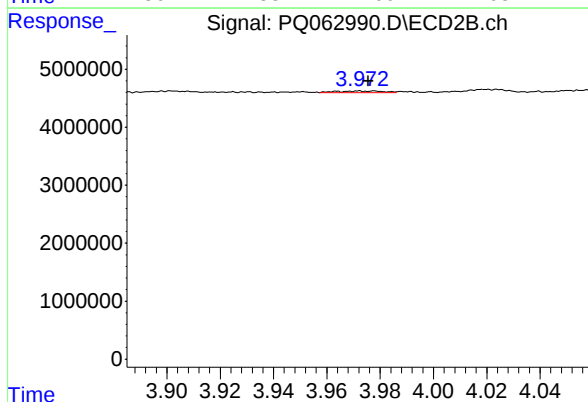
R.T.: 3.808 min
Delta R.T.: -0.006 min
Response: 444755
Conc: 4.57 ng/ml



#13 AR-1232-3

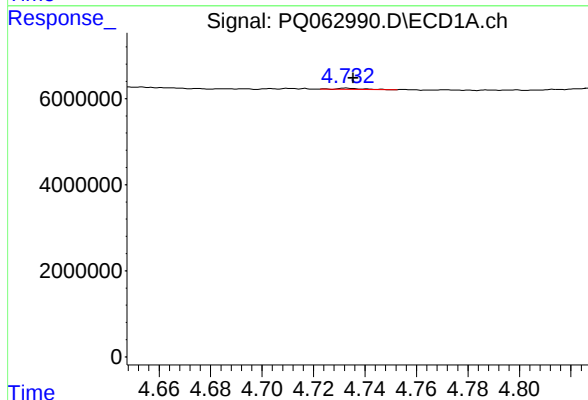
R.T.: 4.581 min
Delta R.T.: -0.004 min
Response: 623916
Conc: 5.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



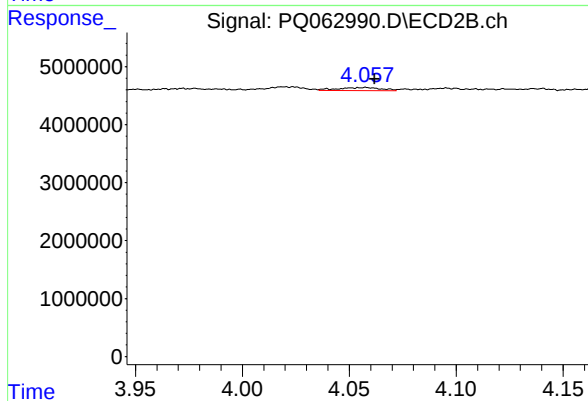
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 362798
Conc: 6.83 ng/ml



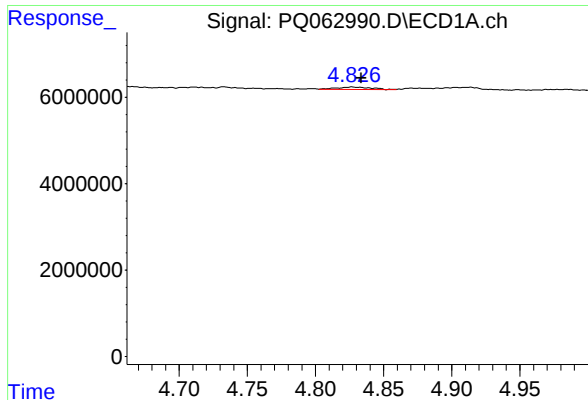
#14 AR-1232-4

R.T.: 4.733 min
Delta R.T.: -0.003 min
Response: 199562
Conc: 3.31 ng/ml



#14 AR-1232-4

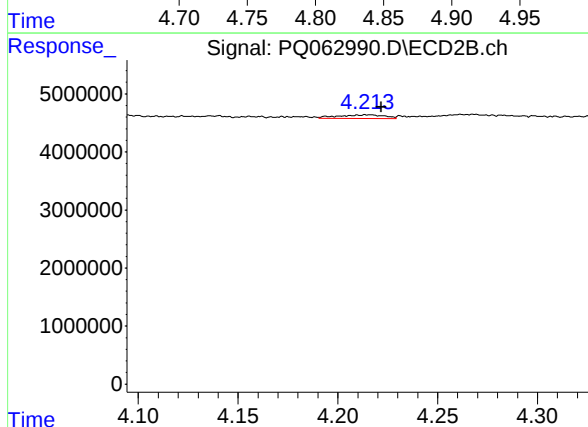
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 724063
Conc: 15.78 ng/ml



#15 AR-1232-5

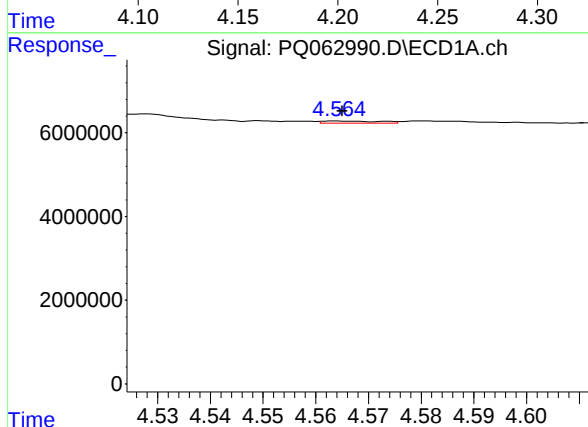
R.T.: 4.827 min
Delta R.T.: -0.007 min
Response: 1012310
Conc: 23.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



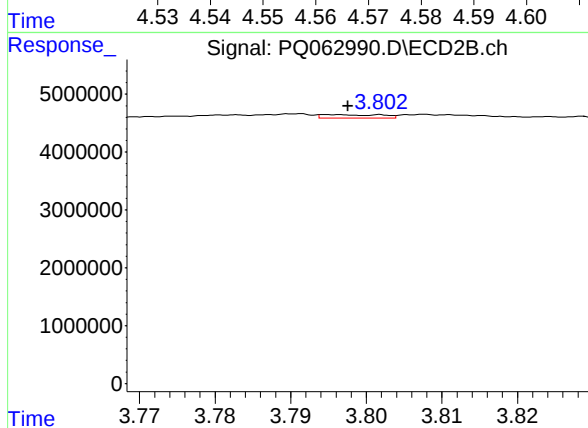
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: -0.008 min
Response: 989131
Conc: 18.24 ng/ml



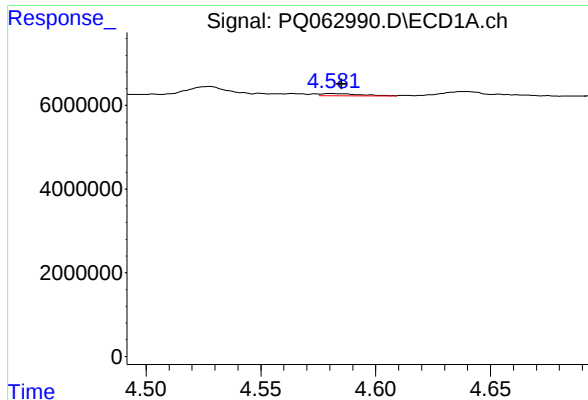
#16 AR-1242-1

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 396087
Conc: 2.35 ng/ml



#16 AR-1242-1

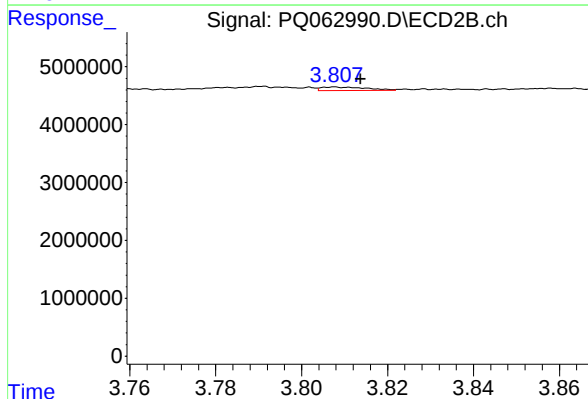
R.T.: 3.796 min
Delta R.T.: -0.002 min
Response: 321251
Conc: 2.22 ng/ml



#17 AR-1242-2

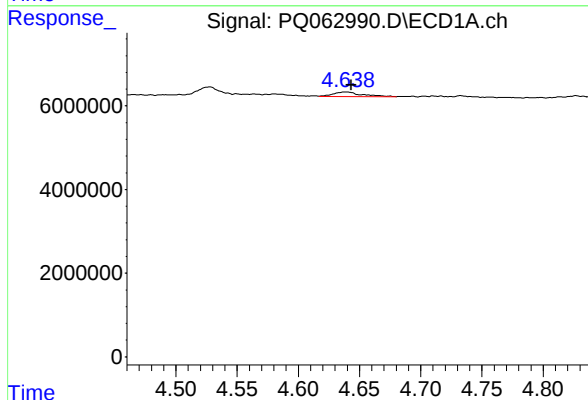
R.T.: 4.581 min
Delta R.T.: -0.005 min
Response: 623916
Conc: 2.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



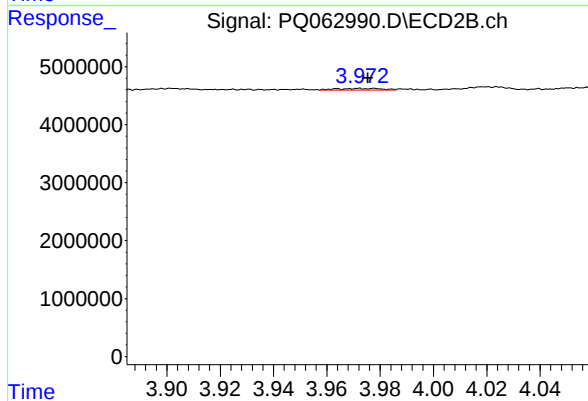
#17 AR-1242-2

R.T.: 3.808 min
Delta R.T.: -0.006 min
Response: 444755
Conc: 2.34 ng/ml



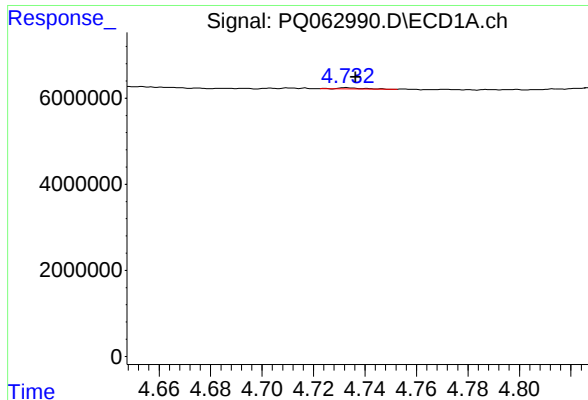
#18 AR-1242-3

R.T.: 4.638 min
Delta R.T.: -0.005 min
Response: 1708046
Conc: 11.66 ng/ml



#18 AR-1242-3

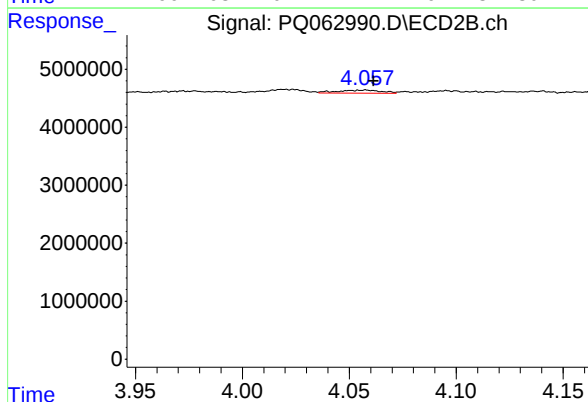
R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 362798
Conc: 3.36 ng/ml



#19 AR-1242-4

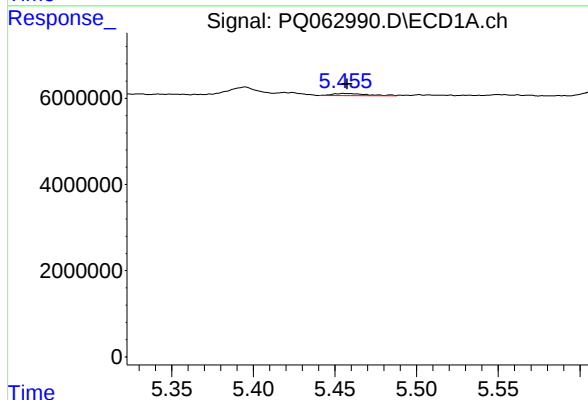
R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 199562
Conc: 1.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



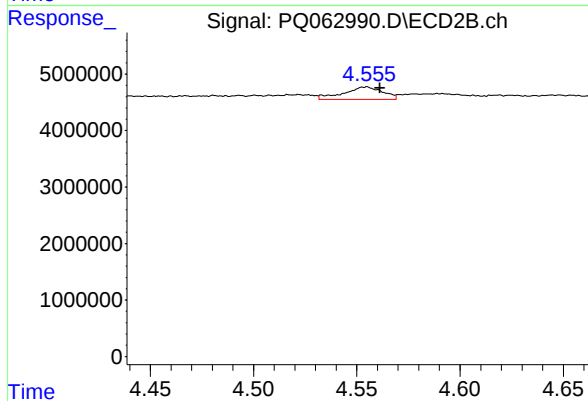
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 724063
Conc: 7.27 ng/ml



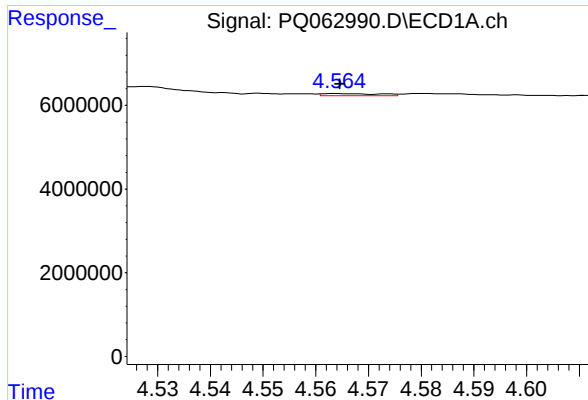
#20 AR-1242-5

R.T.: 5.456 min
Delta R.T.: -0.002 min
Response: 705323
Conc: 5.34 ng/ml



#20 AR-1242-5

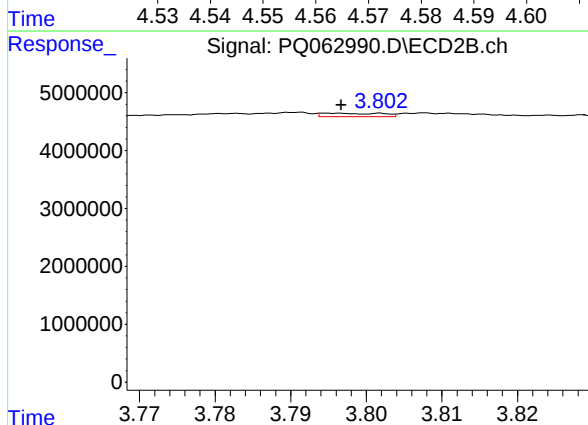
R.T.: 4.555 min
Delta R.T.: -0.006 min
Response: 2948151
Conc: 21.81 ng/ml



#21 AR-1248-1

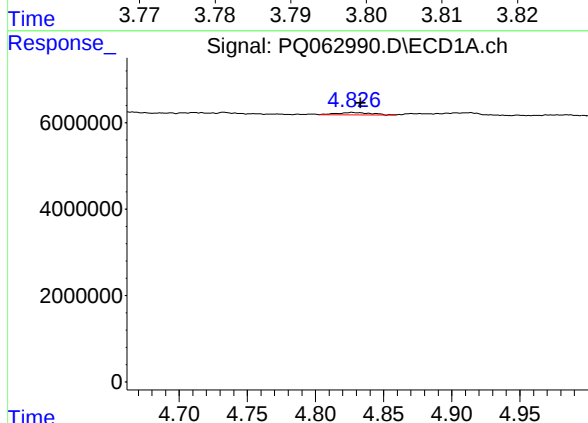
R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 396087
Conc: 2.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



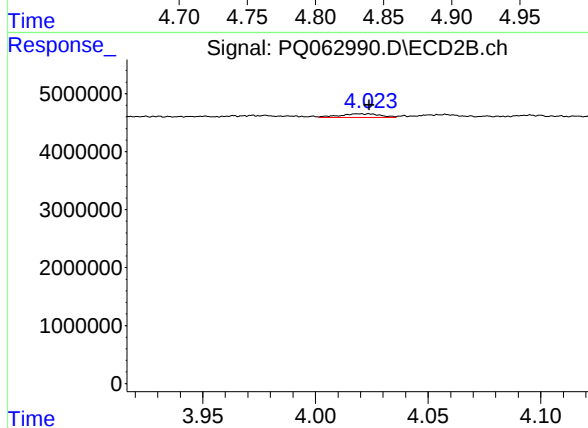
#21 AR-1248-1

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 321251
Conc: 2.88 ng/ml



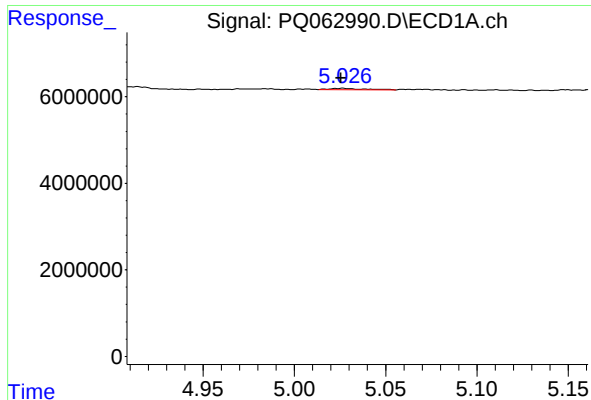
#22 AR-1248-2

R.T.: 4.827 min
Delta R.T.: -0.006 min
Response: 1012310
Conc: 5.79 ng/ml



#22 AR-1248-2

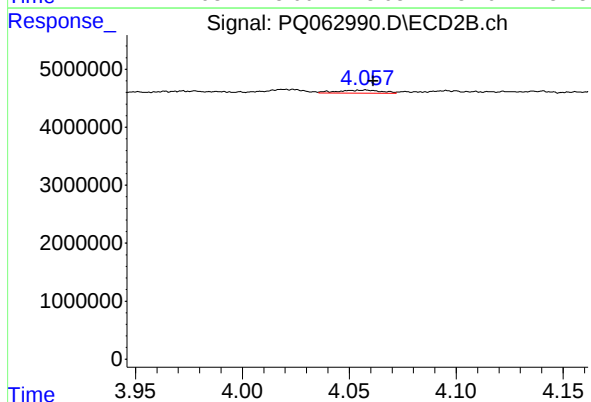
R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 760461
Conc: 4.82 ng/ml



#23 AR-1248-3

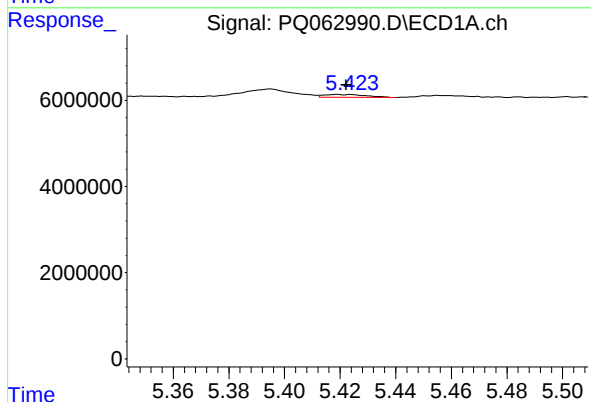
R.T.: 5.027 min
Delta R.T.: 0.001 min
Response: 451220
Conc: 2.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



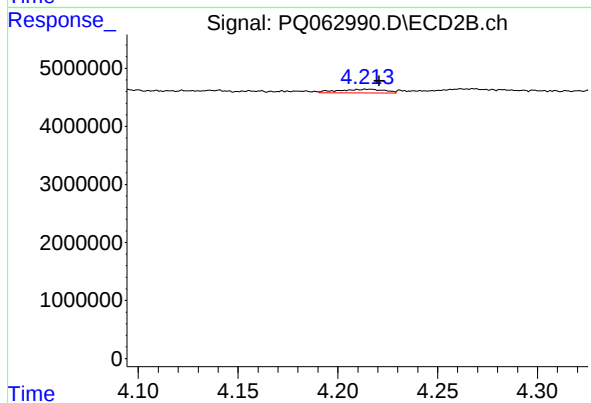
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 724063
Conc: 4.75 ng/ml



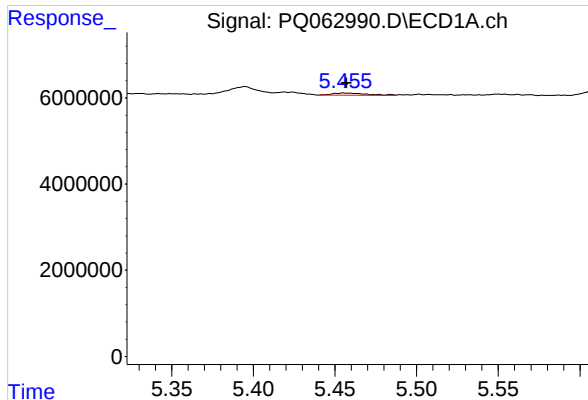
#24 AR-1248-4

R.T.: 5.419 min
Delta R.T.: -0.003 min
Response: 716655
Conc: 3.01 ng/ml



#24 AR-1248-4

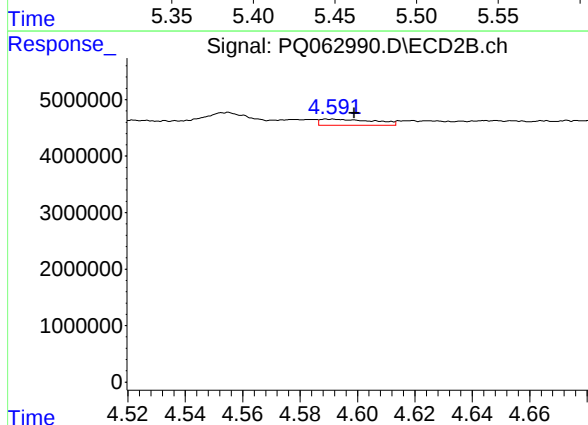
R.T.: 4.214 min
Delta R.T.: -0.007 min
Response: 989131
Conc: 5.20 ng/ml



#25 AR-1248-5

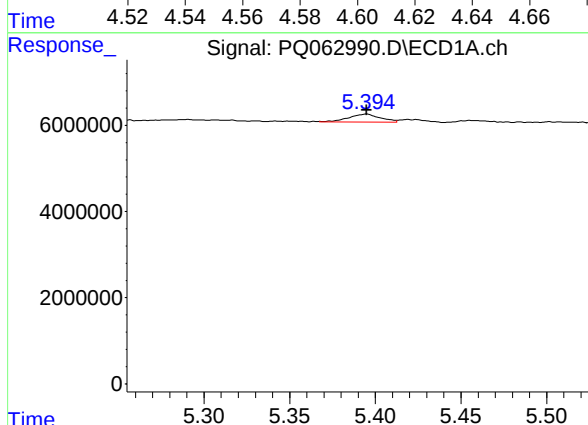
R.T.: 5.456 min
Delta R.T.: -0.001 min
Response: 705323
Conc: 3.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



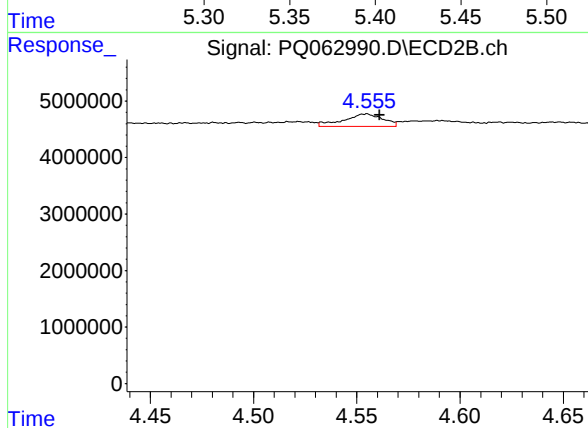
#25 AR-1248-5

R.T.: 4.592 min
Delta R.T.: -0.007 min
Response: 1397248
Conc: 7.22 ng/ml



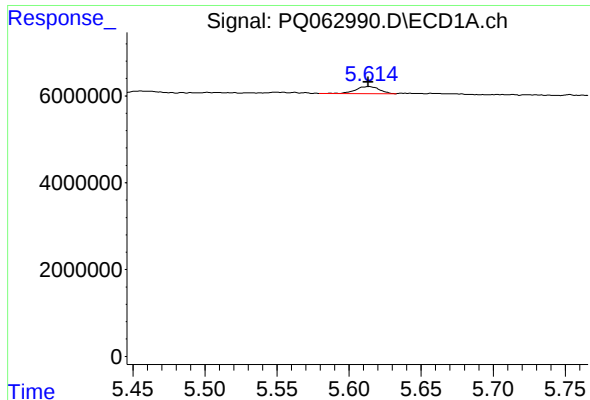
#26 AR-1254-1

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 2394472
Conc: 10.93 ng/ml



#26 AR-1254-1

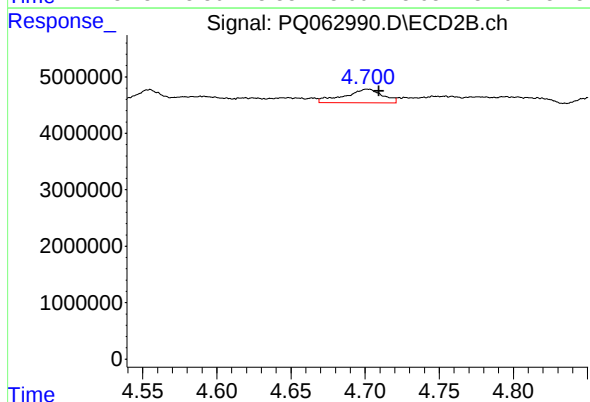
R.T.: 4.555 min
Delta R.T.: -0.006 min
Response: 2948151
Conc: 10.99 ng/ml



#27 AR-1254-2

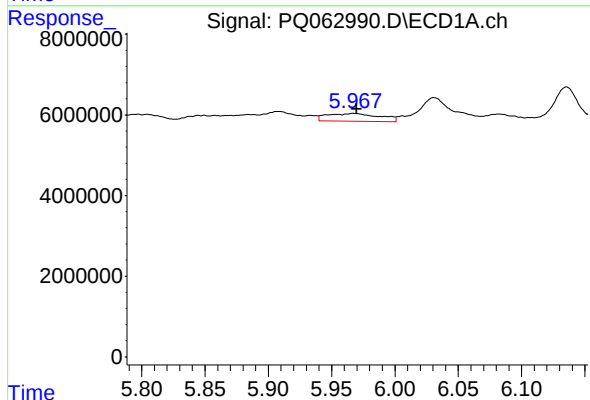
R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 1863787
Conc: 5.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



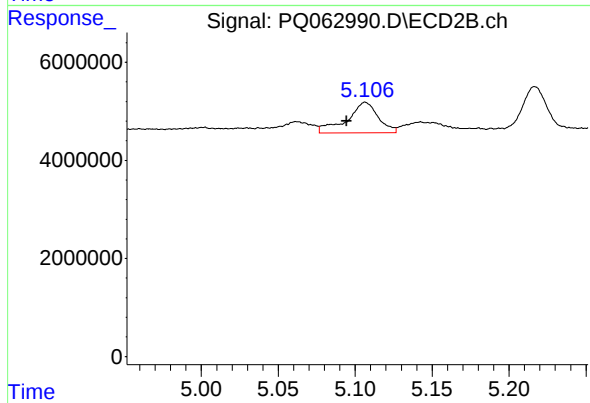
#27 AR-1254-2

R.T.: 4.701 min
Delta R.T.: -0.008 min
Response: 4374654
Conc: 18.64 ng/ml



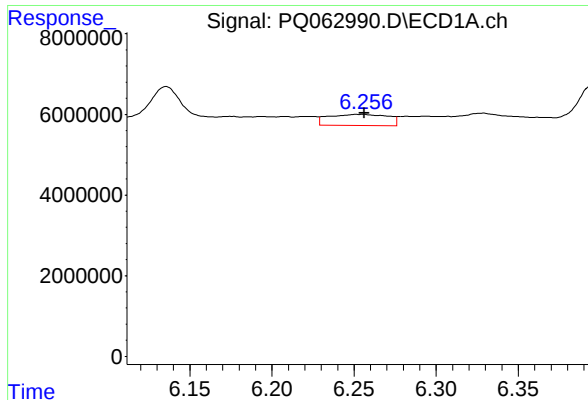
#28 AR-1254-3

R.T.: 5.967 min
Delta R.T.: -0.002 min
Response: 5673517
Conc: 15.82 ng/ml



#28 AR-1254-3

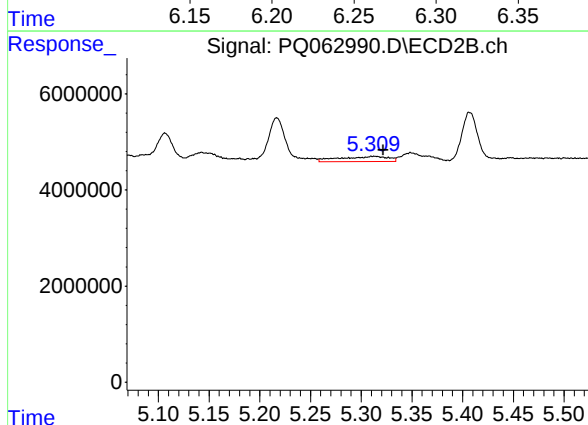
R.T.: 5.107 min
Delta R.T.: 0.012 min
Response: 8701269
Conc: 23.01 ng/ml



#29 AR-1254-4

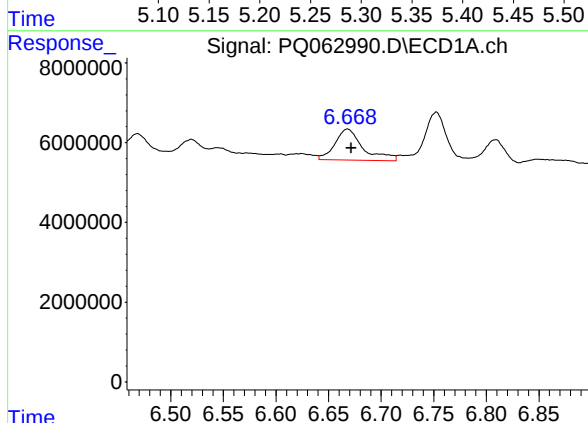
R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 6923493
Conc: 25.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



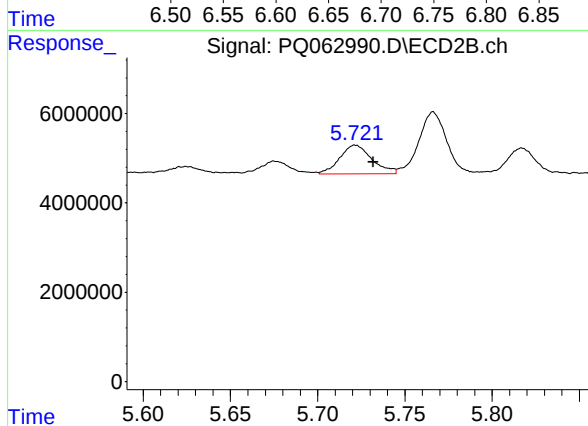
#29 AR-1254-4

R.T.: 5.313 min
Delta R.T.: -0.009 min
Response: 3648622
Conc: 14.93 ng/ml



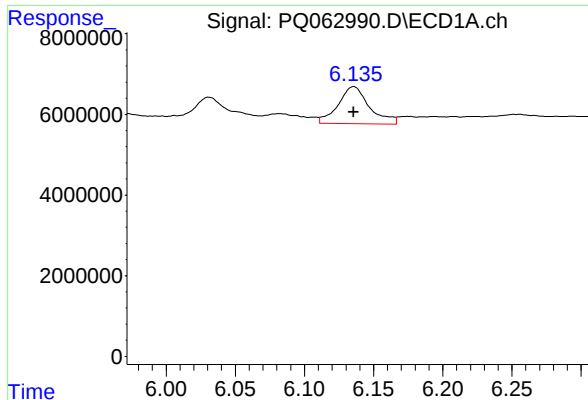
#30 AR-1254-5

R.T.: 6.668 min
Delta R.T.: -0.004 min
Response: 14476426
Conc: 52.37 ng/ml



#30 AR-1254-5

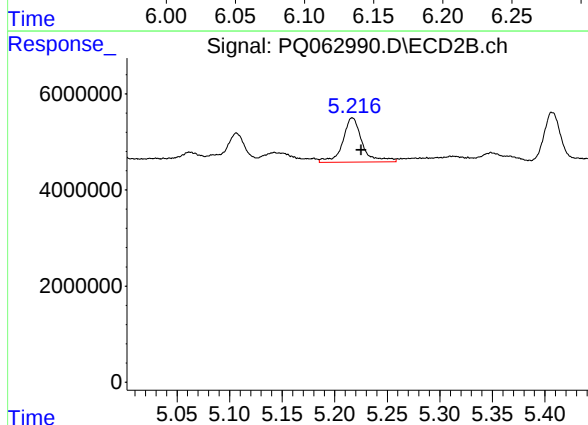
R.T.: 5.722 min
Delta R.T.: -0.010 min
Response: 8337551
Conc: 24.16 ng/ml



#31 AR-1260-1

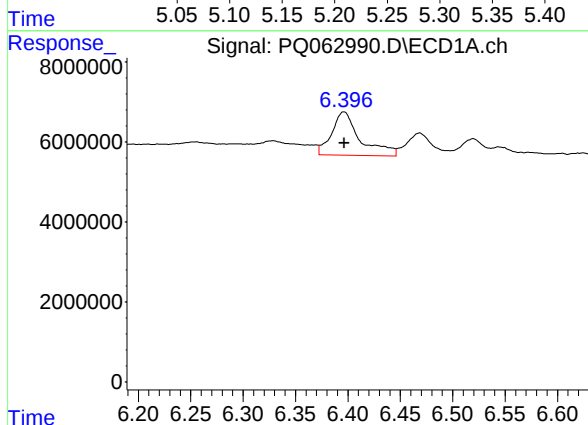
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 14445779
Conc: 56.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



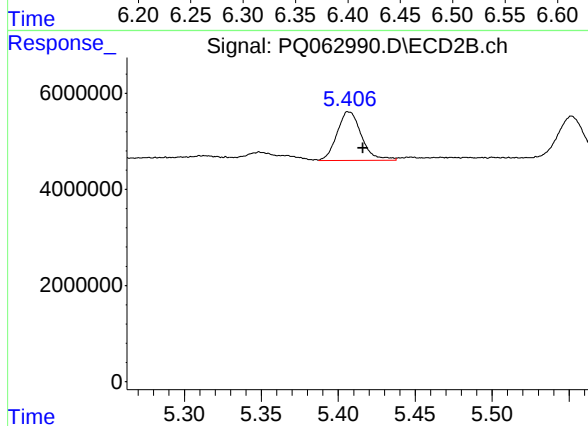
#31 AR-1260-1

R.T.: 5.217 min
Delta R.T.: -0.008 min
Response: 11991891
Conc: 48.05 ng/ml



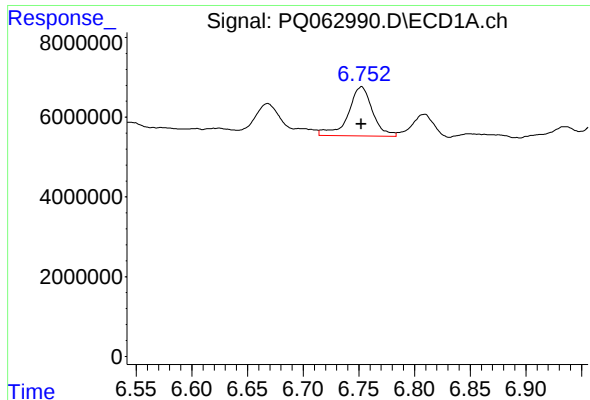
#32 AR-1260-2

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 20467651
Conc: 67.44 ng/ml



#32 AR-1260-2

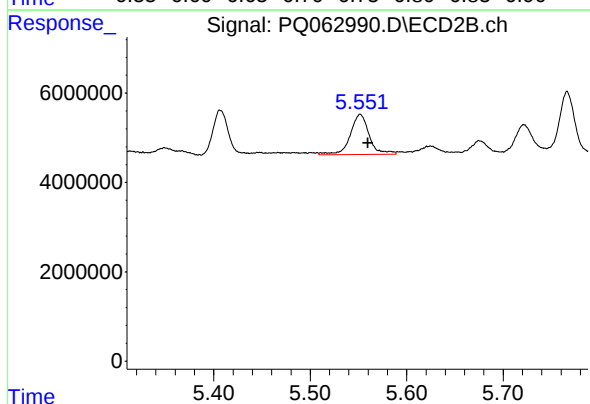
R.T.: 5.407 min
Delta R.T.: -0.009 min
Response: 11158615
Conc: 36.23 ng/ml



#33 AR-1260-3

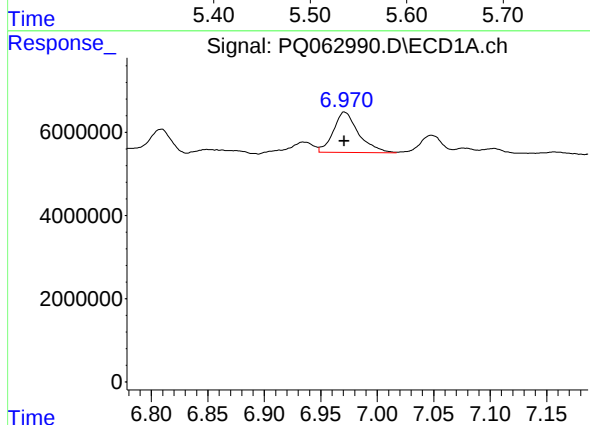
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 18790561
Conc: 89.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



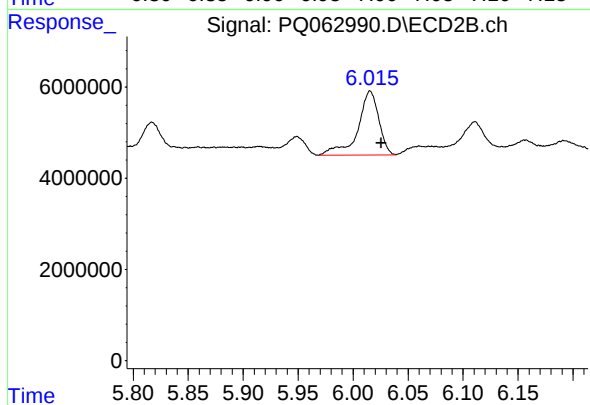
#33 AR-1260-3

R.T.: 5.552 min
Delta R.T.: -0.008 min
Response: 12248359
Conc: 39.53 ng/ml



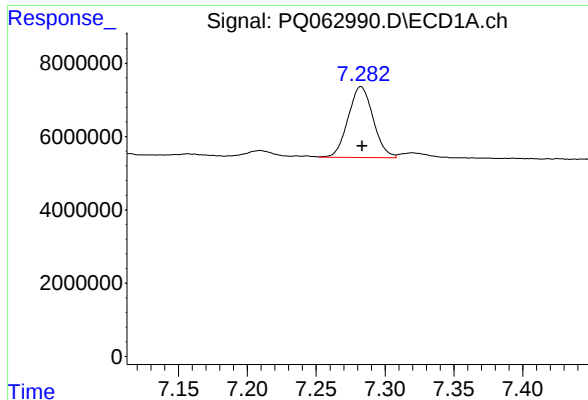
#34 AR-1260-4

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 15203790
Conc: 63.44 ng/ml



#34 AR-1260-4

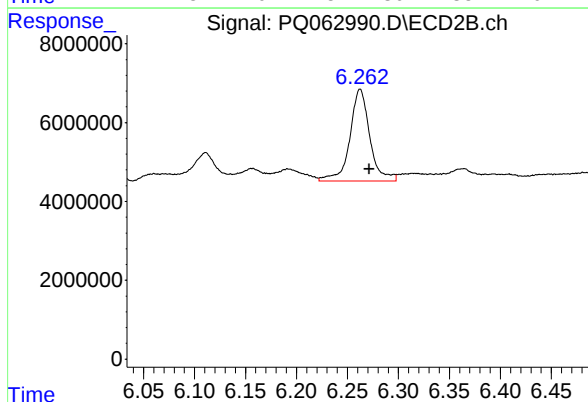
R.T.: 6.016 min
Delta R.T.: -0.010 min
Response: 18670974
Conc: 76.14 ng/ml



#35 AR-1260-5

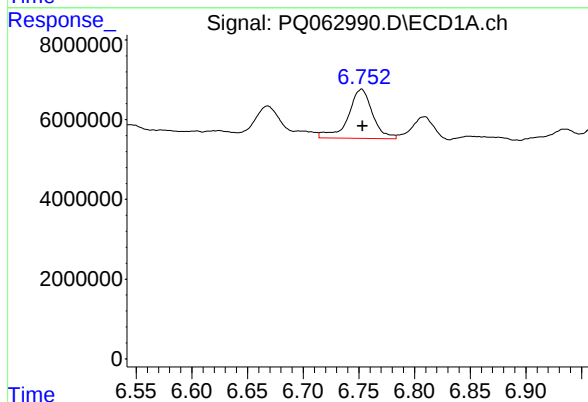
R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 24490623
Conc: 52.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



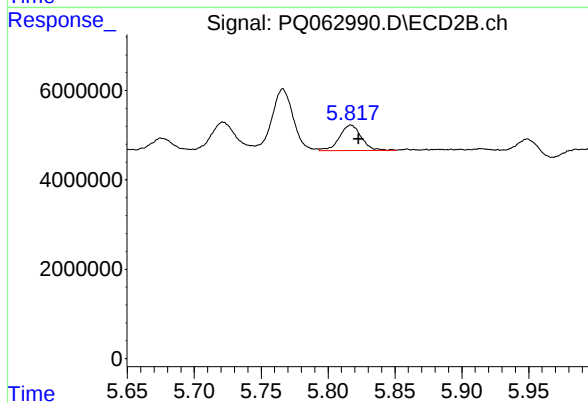
#35 AR-1260-5

R.T.: 6.262 min
Delta R.T.: -0.009 min
Response: 31644636
Conc: 57.90 ng/ml



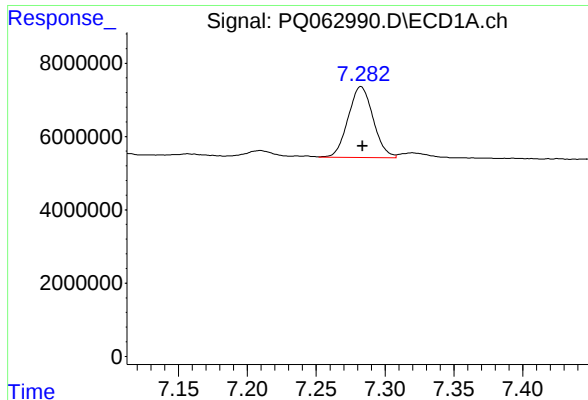
#36 AR-1262-1

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 18790561
Conc: 58.18 ng/ml



#36 AR-1262-1

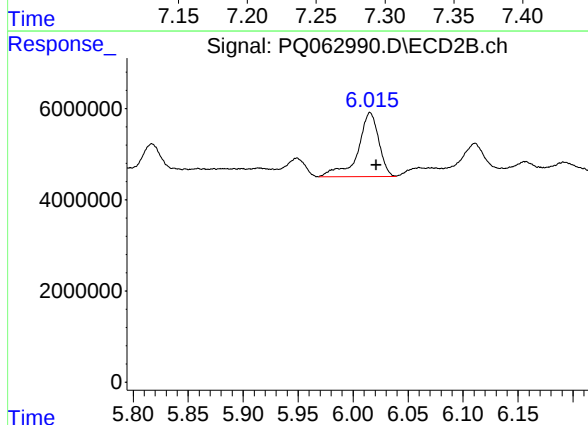
R.T.: 5.817 min
Delta R.T.: -0.006 min
Response: 6375540
Conc: 44.65 ng/ml



#37 AR-1262-2

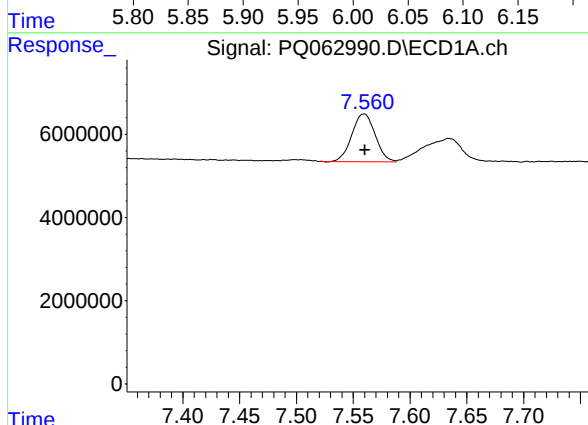
R.T.: 7.283 min
Delta R.T.: -0.001 min
Response: 24490623
Conc: 45.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



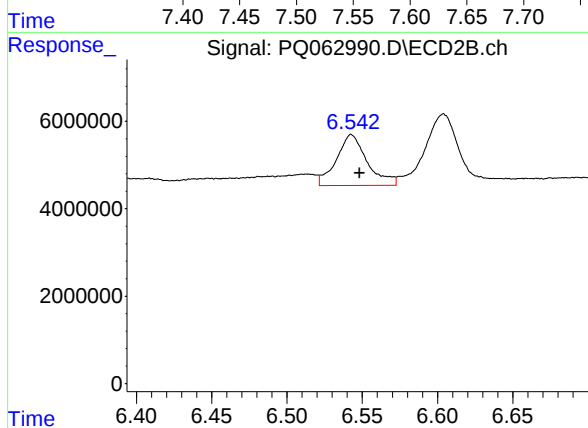
#37 AR-1262-2

R.T.: 6.016 min
Delta R.T.: -0.006 min
Response: 18670974
Conc: 59.75 ng/ml



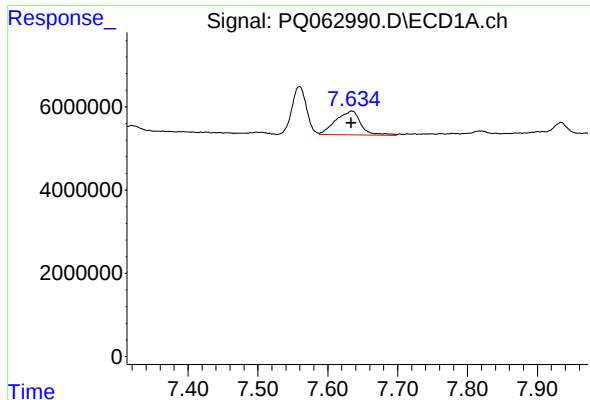
#38 AR-1262-3

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 16526129
Conc: 45.75 ng/ml



#38 AR-1262-3

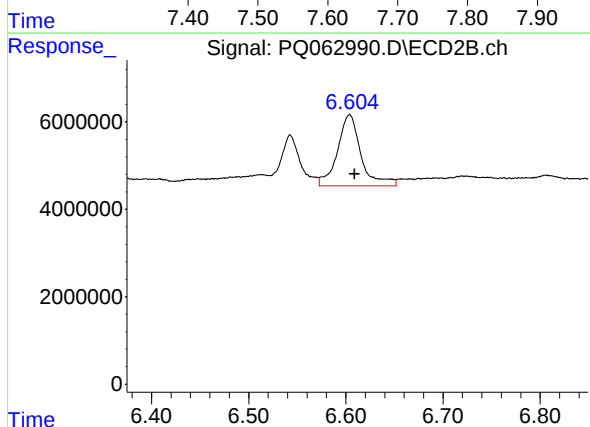
R.T.: 6.543 min
Delta R.T.: -0.006 min
Response: 16546278
Conc: 65.64 ng/ml



#39 AR-1262-4

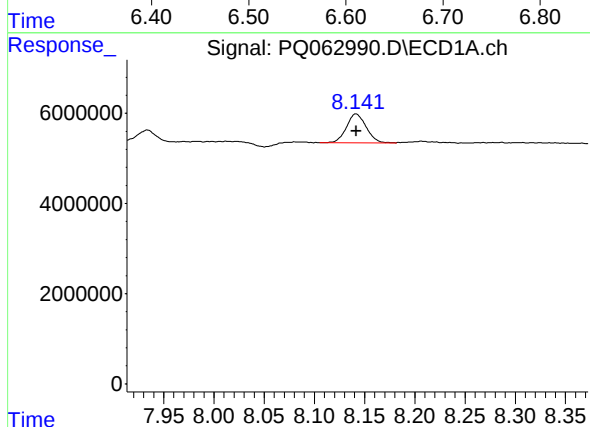
R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 14413360
Conc: 51.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



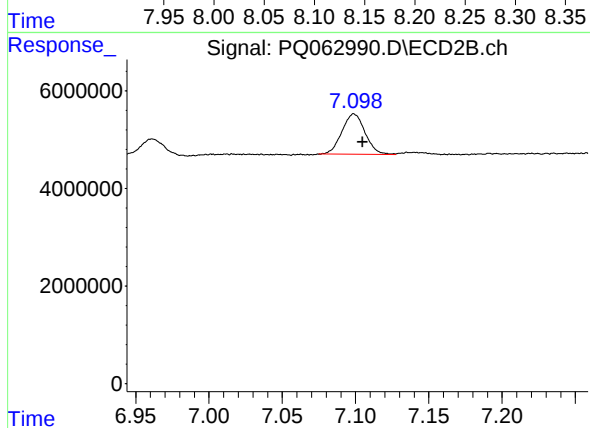
#39 AR-1262-4

R.T.: 6.604 min
Delta R.T.: -0.005 min
Response: 27391245
Conc: 58.59 ng/ml



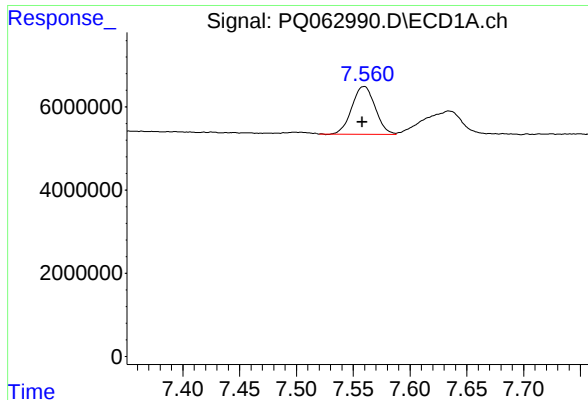
#40 AR-1262-5

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 8702209
Conc: 46.30 ng/ml



#40 AR-1262-5

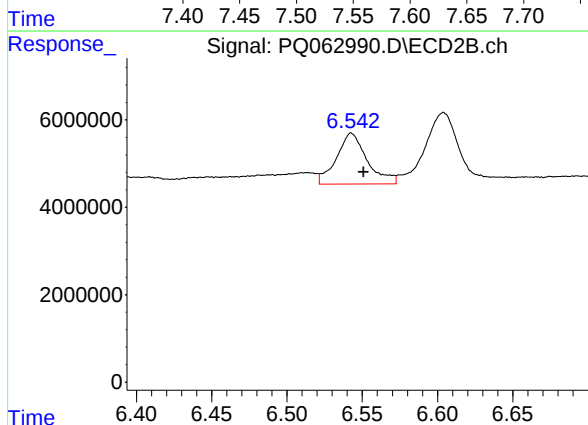
R.T.: 7.099 min
Delta R.T.: -0.006 min
Response: 9077835
Conc: 41.31 ng/ml



#41 AR-1268-1

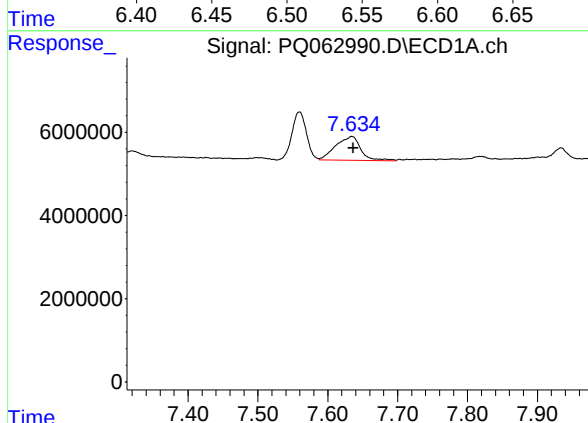
R.T.: 7.560 min
Delta R.T.: 0.002 min
Response: 16526129
Conc: 25.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



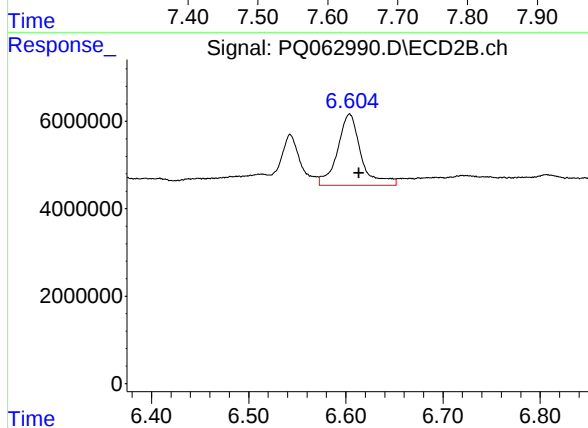
#41 AR-1268-1

R.T.: 6.543 min
Delta R.T.: -0.008 min
Response: 16546278
Conc: 22.17 ng/ml



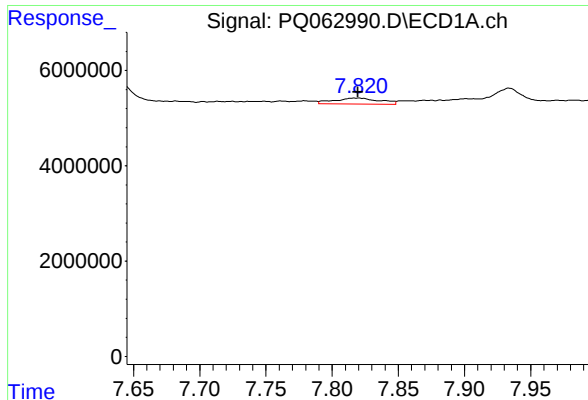
#42 AR-1268-2

R.T.: 7.634 min
Delta R.T.: -0.002 min
Response: 14413360
Conc: 24.04 ng/ml



#42 AR-1268-2

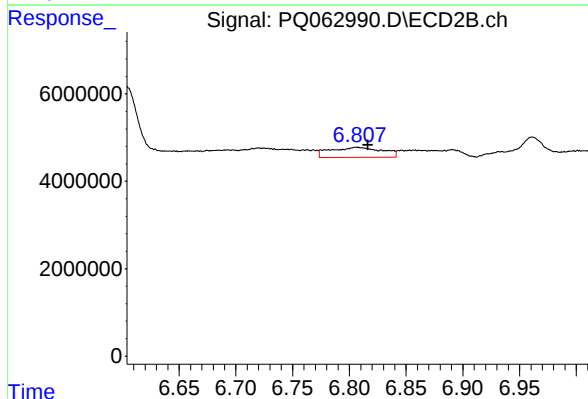
R.T.: 6.604 min
Delta R.T.: -0.010 min
Response: 27391245
Conc: 39.89 ng/ml



#43 AR-1268-3

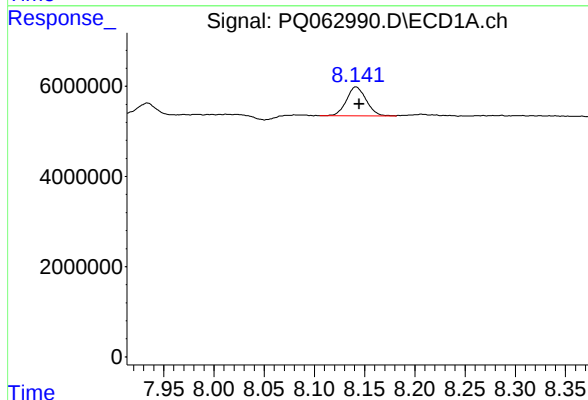
R.T.: 7.819 min
Delta R.T.: 0.000 min
Response: 3035505
Conc: 6.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



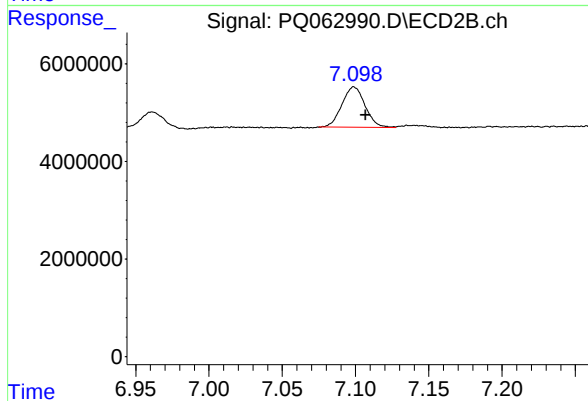
#43 AR-1268-3

R.T.: 6.806 min
Delta R.T.: -0.010 min
Response: 7350962
Conc: 12.52 ng/ml



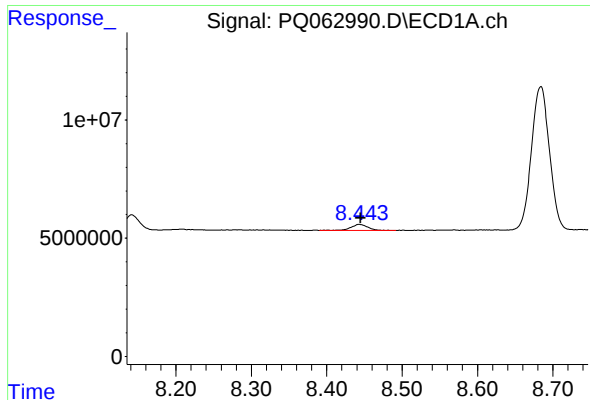
#44 AR-1268-4

R.T.: 8.141 min
Delta R.T.: -0.003 min
Response: 8702209
Conc: 40.56 ng/ml



#44 AR-1268-4

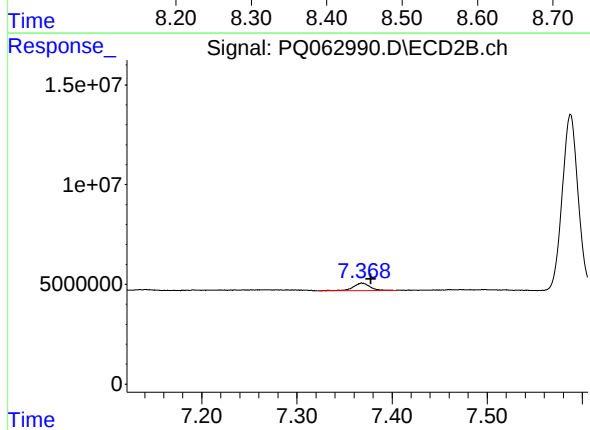
R.T.: 7.099 min
Delta R.T.: -0.008 min
Response: 9077835
Conc: 35.65 ng/ml



#45 AR-1268-5

R.T.: 8.443 min
Delta R.T.: -0.002 min
Response: 3944323
Conc: 2.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.368 min
Delta R.T.: -0.009 min
Response: 4737140
Conc: 2.67 ng/ml