

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110823\
 Data File : PQ063784.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2023 23:47
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 142 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 00:38:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.459	2.778	211.3E6	190.7E6	49.561	51.850
2) SA Decachlor...	8.691	7.575	153.9E6	236.1E6	47.671	50.388
Target Compounds						
3) L1 AR-1016-1	4.575	3.788	54296969	49668778	393.999	394.265
4) L1 AR-1016-2	4.594	3.803	81461137	72519337	385.684	400.261
5) L1 AR-1016-3	4.652	3.965	50914240	39166896	382.301	401.918
6) L1 AR-1016-4	4.745	4.014	40874306	34325227	388.767	406.857
7) L1 AR-1016-5	5.035	4.210	43071989	42482566	406.554	424.779
8) L2 AR-1221-1	3.660	2.981	6213543	6591124	114.828	127.904
9) L2 AR-1221-2	3.742	3.059	8524409	8642738	233.355	247.875
10) L2 AR-1221-3	3.813	3.127	31829602	31352167	268.024	284.236
11) L3 AR-1232-1	3.813	3.127	31829602	31352167	340.304	362.080
12) L3 AR-1232-2	4.313	3.803	44585519	72519337	848.973	911.716
13) L3 AR-1232-3	4.594	3.965	81461137	39166896	905.701	946.077
14) L3 AR-1232-4	4.745	4.051	40874306	37732454	934.800	1038.986
15) L3 AR-1232-5	4.843	4.210	33869158	42482566	1012.825	1011.071
16) L4 AR-1242-1	4.575	3.788	54296969	49668778	481.851	482.845
17) L4 AR-1242-2	4.594	3.803	81461137	72519337	481.734	491.418
18) L4 AR-1242-3	4.652	3.965	50914240	39166896	482.390	492.322
19) L4 AR-1242-4	4.745	4.051	40874306	37732454	481.738	497.227
20) L4 AR-1242-5	5.467	4.549	43170944	49529627	488.238	492.371
21) L5 AR-1248-1	4.575	3.788	54296969	49668778	652.171	636.991
22) L5 AR-1248-2	4.843	4.014	33869158	34325227	279.054	289.561
23) L5 AR-1248-3	5.035	4.051	43071989	37732454	297.473	334.914
24) L5 AR-1248-4	5.432	4.210	41416441	42482566	267.247	308.610
25) L5 AR-1248-5	5.467	4.587	43170944	39787131	282.335	296.326
26) L6 AR-1254-1	5.403	4.549	33450300	49529627	213.127	254.830
27) L6 AR-1254-2	5.620	4.696	39323300	13573445	165.812	77.917 #
28) L6 AR-1254-3	5.979	5.079	18261527	19216295	73.653	71.791
29) L6 AR-1254-4	6.265	5.307	12950267	13306405	71.461	75.850
30) L6 AR-1254-5	6.682	5.715	6351052	7477366	31.841	29.330
31) L7 AR-1260-1	6.147	5.212	3188865	11080952	15.576	56.023 #
32) L7 AR-1260-2	6.406	5.401	2675549	3179100	11.076	13.317
33) L7 AR-1260-3	6.735f	5.537	660181	3384537	4.102	14.984 #
34) L7 AR-1260-4	6.980	6.003	1065157	266647	5.773	1.550 #
35) L7 AR-1260-5	7.292	6.256	922491	1222326	2.596	3.063
36) L8 AR-1262-1	6.735f	5.806	660181	319578	2.526	2.919
37) L8 AR-1262-2	7.292	6.003	922491	266647	2.169	1.079 #
38) L8 AR-1262-3	7.574	6.538	727773	570023	2.540	2.814
39) L8 AR-1262-4	7.659	6.590	602088	908052	2.624	2.437
40) L8 AR-1262-5	8.146	7.106	164669	439743	1.156	2.432 #
41) L9 AR-1268-1	7.574	6.538	727773	570023	1.472	0.993 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110823\
 Data File : PQ063784.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2023 23:47
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 142 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 00:38:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

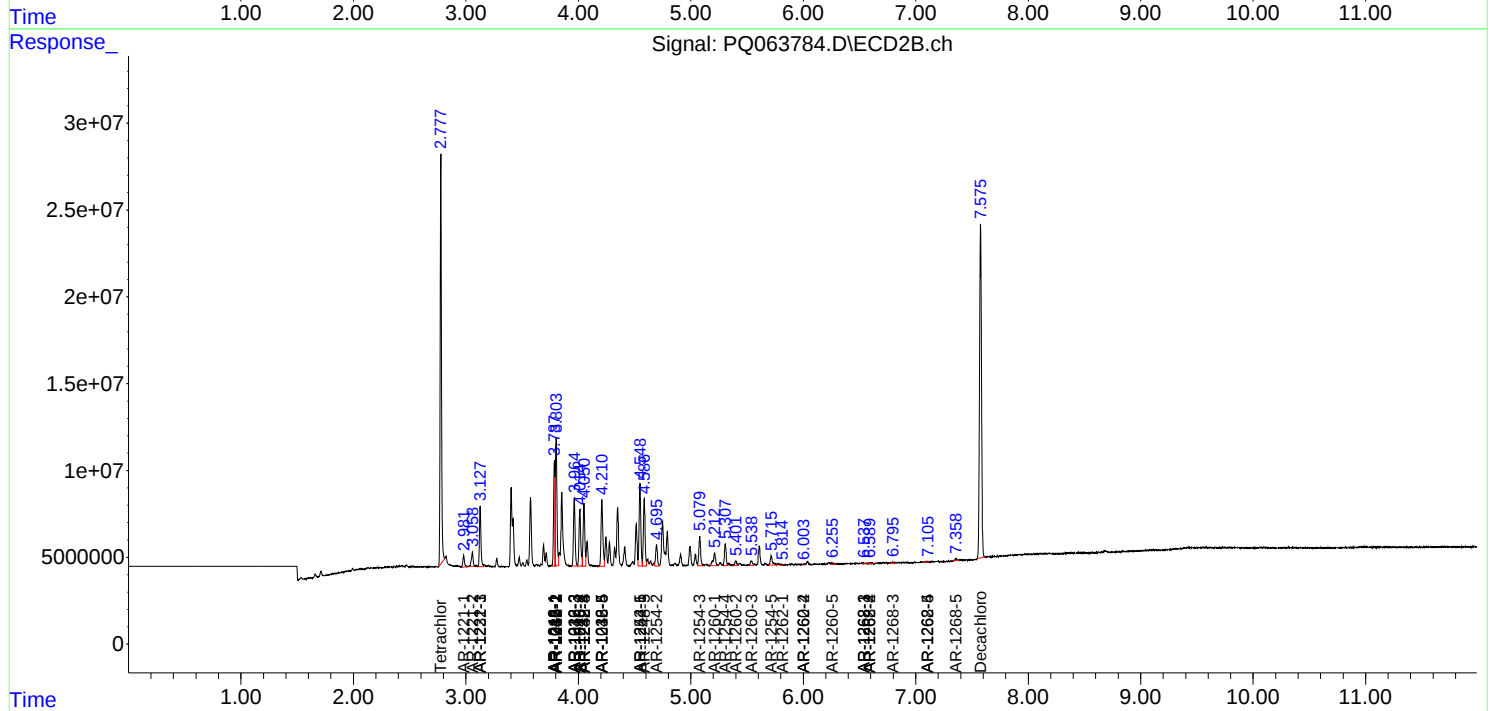
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

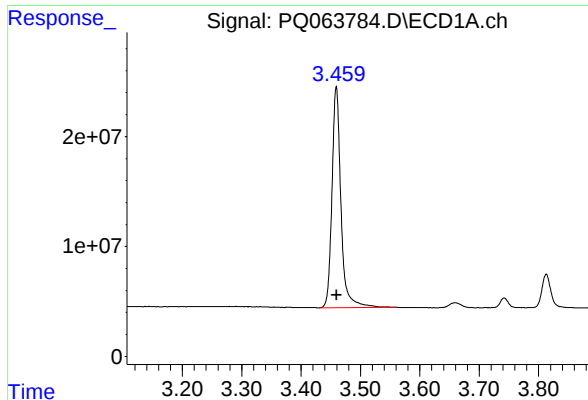
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.659	6.590	602088	908052	1.344	1.749 #
43) L9	AR-1268-3	7.826	6.797	967001	840485	2.479	1.813 #
44) L9	AR-1268-4	8.146	7.106	164669	439743	1.053	2.251 #
45) L9	AR-1268-5	8.452	7.359	972557	1553411	0.863	1.015

(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

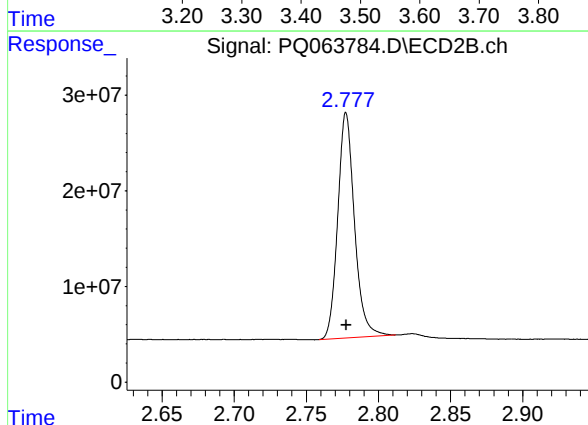




#1 Tetrachloro-m-xylene

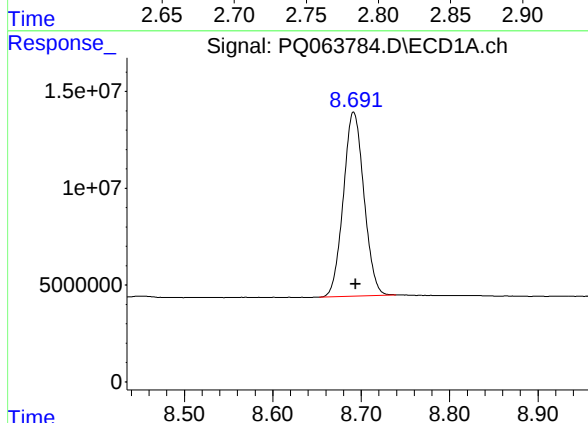
R.T.: 3.459 min
Delta R.T.: 0.000 min
Response: 211250441
Conc: 49.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



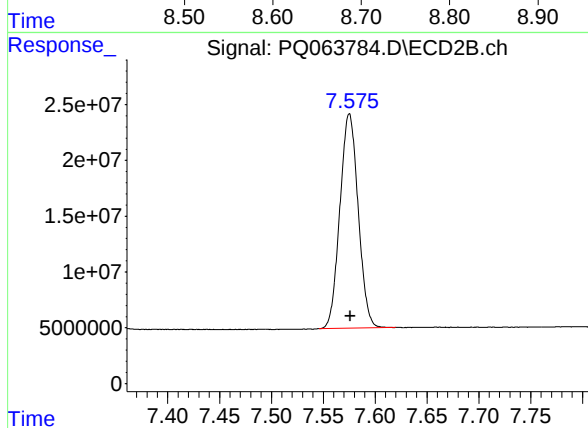
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 190686561
Conc: 51.85 ng/ml



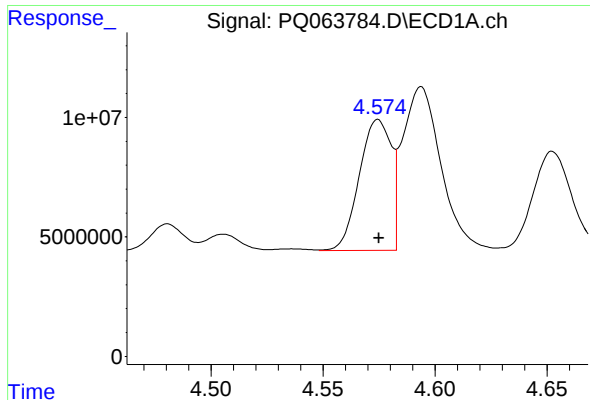
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 153911528
Conc: 47.67 ng/ml



#2 Decachlorobiphenyl

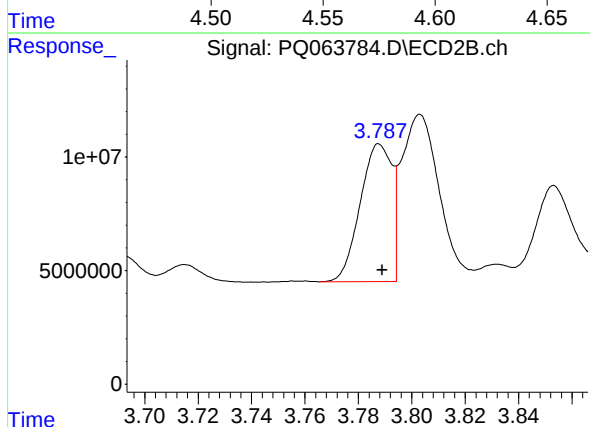
R.T.: 7.575 min
Delta R.T.: -0.001 min
Response: 236086583
Conc: 50.39 ng/ml



#3 AR-1016-1

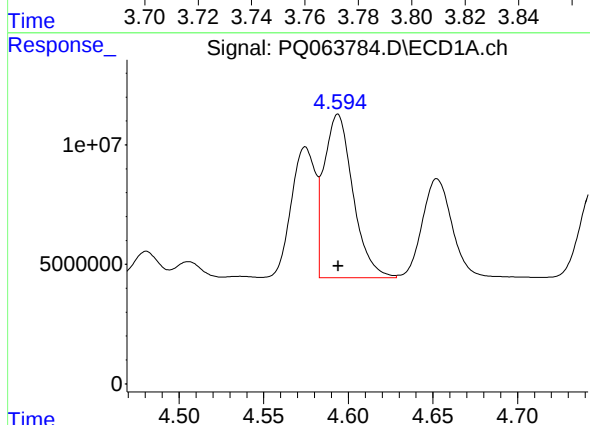
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 54296969
Conc: 394.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



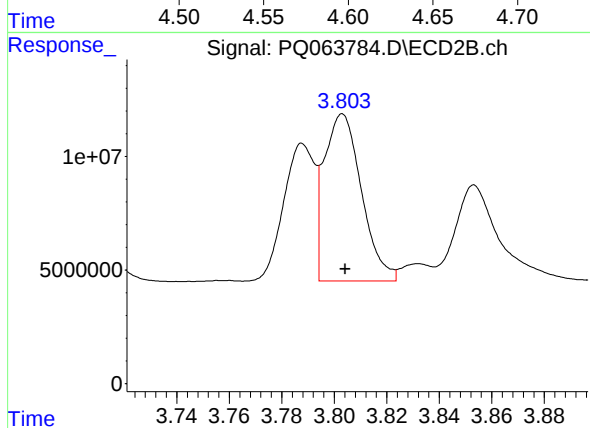
#3 AR-1016-1

R.T.: 3.788 min
Delta R.T.: -0.001 min
Response: 49668778
Conc: 394.27 ng/ml



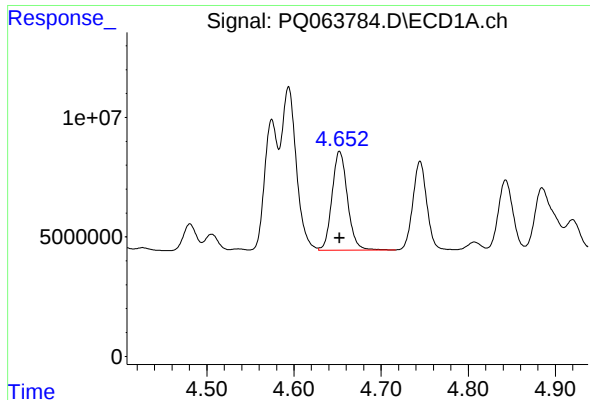
#4 AR-1016-2

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 81461137
Conc: 385.68 ng/ml



#4 AR-1016-2

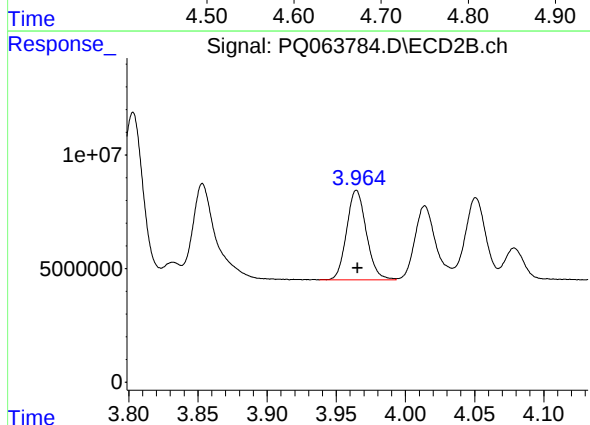
R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 72519337
Conc: 400.26 ng/ml



#5 AR-1016-3

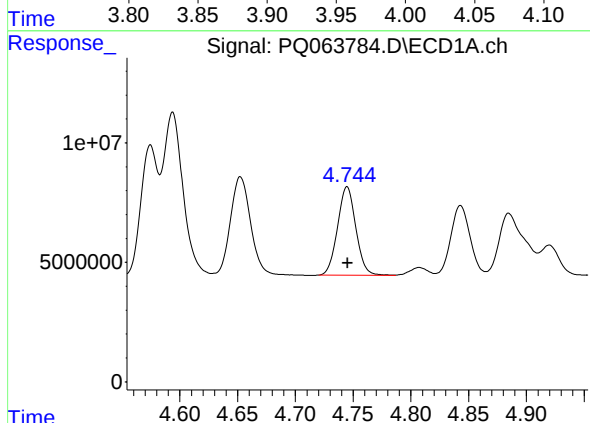
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 50914240
Conc: 382.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



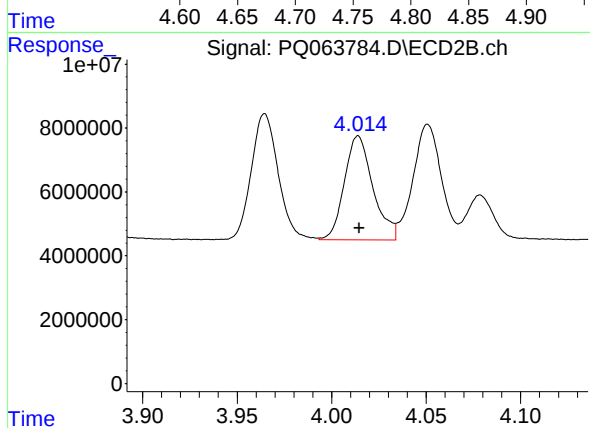
#5 AR-1016-3

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 39166896
Conc: 401.92 ng/ml



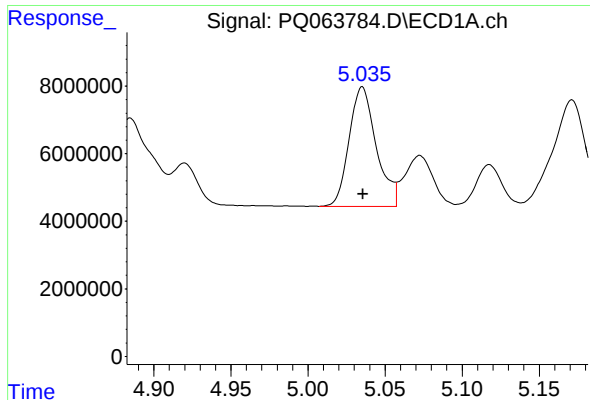
#6 AR-1016-4

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 40874306
Conc: 388.77 ng/ml



#6 AR-1016-4

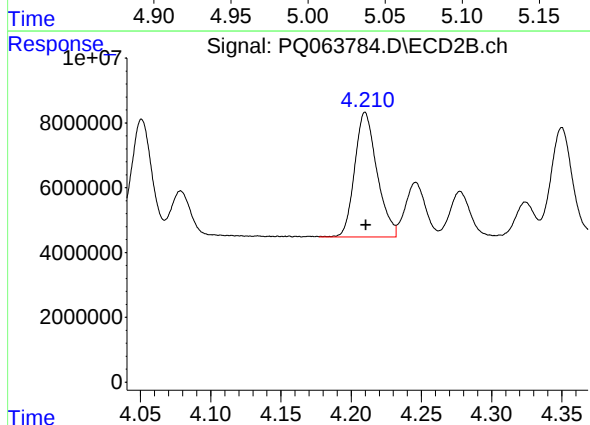
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 34325227
Conc: 406.86 ng/ml



#7 AR-1016-5

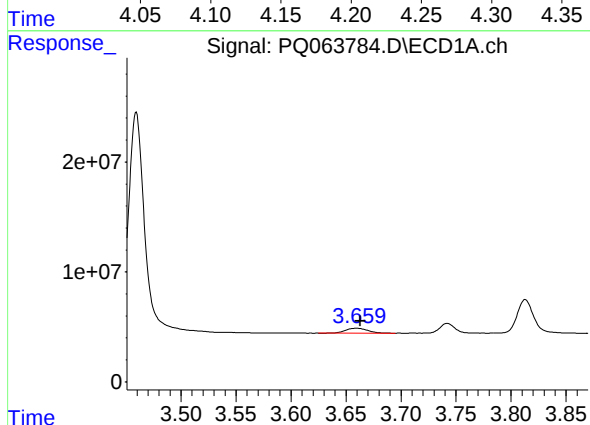
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 43071989
Conc: 406.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



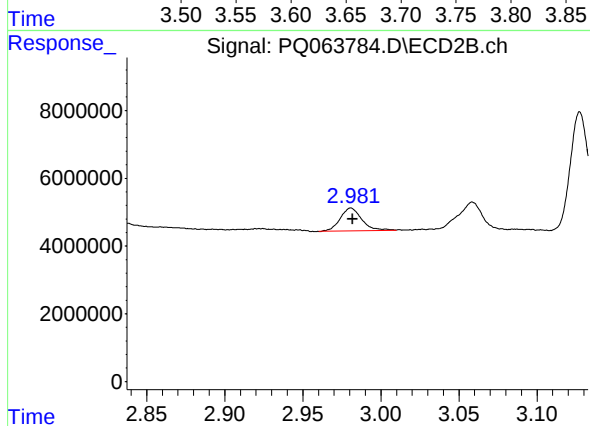
#7 AR-1016-5

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 42482566
Conc: 424.78 ng/ml



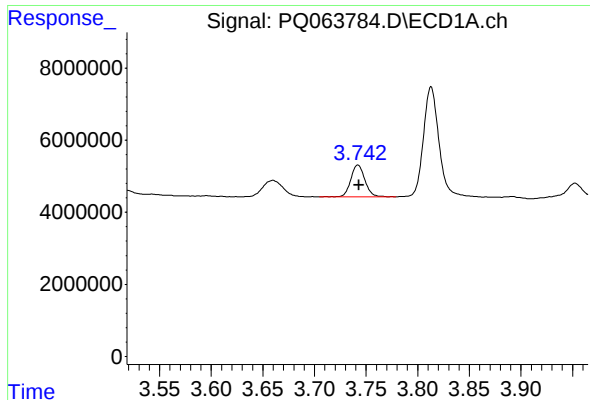
#8 AR-1221-1

R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 6213543
Conc: 114.83 ng/ml



#8 AR-1221-1

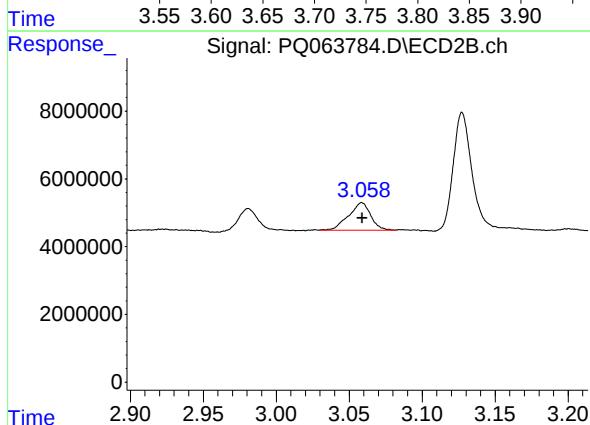
R.T.: 2.981 min
Delta R.T.: -0.001 min
Response: 6591124
Conc: 127.90 ng/ml



#9 AR-1221-2

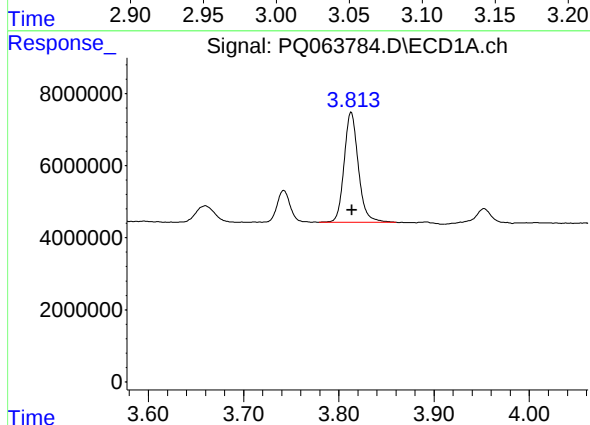
R.T.: 3.742 min
Delta R.T.: -0.001 min
Response: 8524409
Conc: 233.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



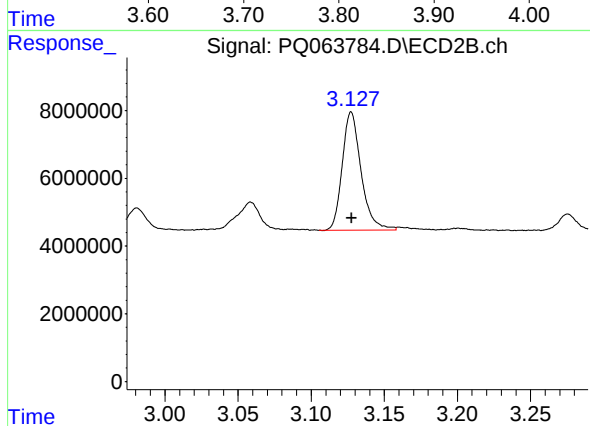
#9 AR-1221-2

R.T.: 3.059 min
Delta R.T.: 0.000 min
Response: 8642738
Conc: 247.87 ng/ml



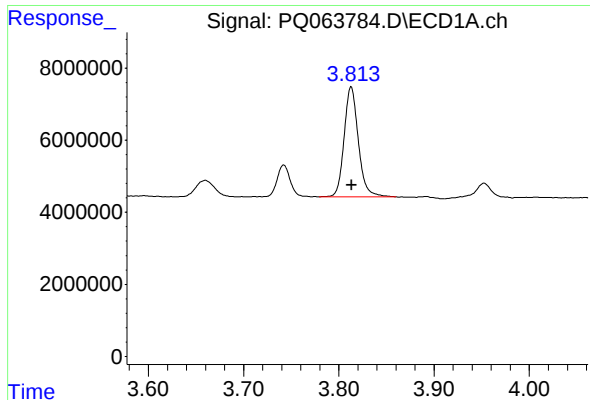
#10 AR-1221-3

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 31829602
Conc: 268.02 ng/ml



#10 AR-1221-3

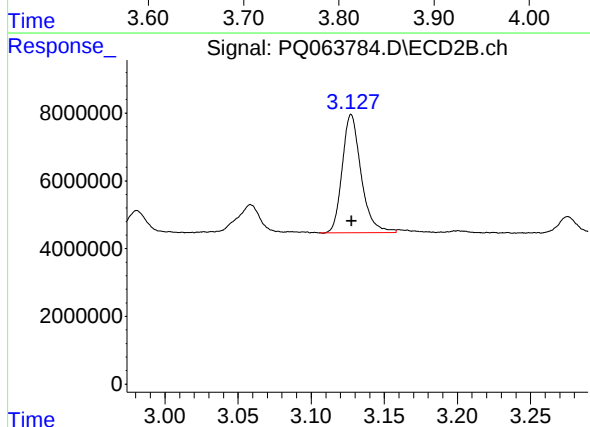
R.T.: 3.127 min
Delta R.T.: 0.000 min
Response: 31352167
Conc: 284.24 ng/ml



#11 AR-1232-1

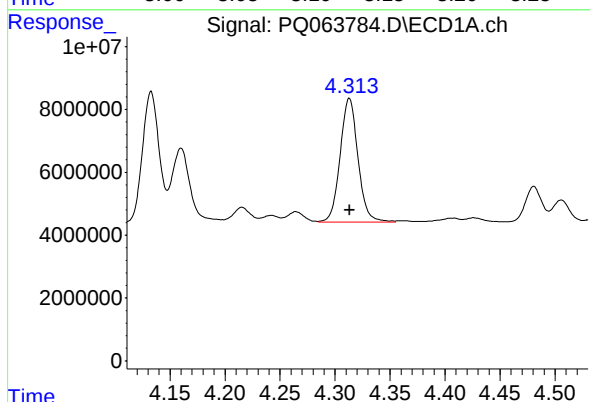
R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 31829602
Conc: 340.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



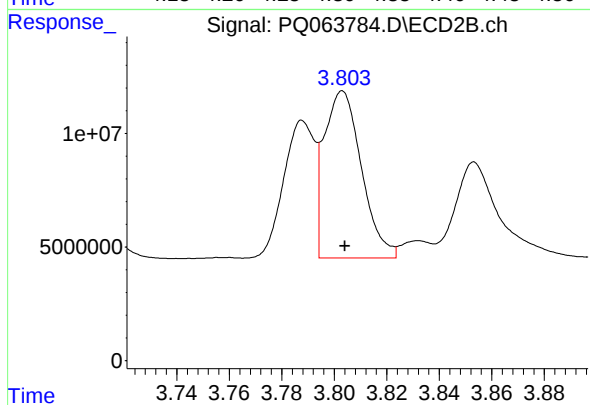
#11 AR-1232-1

R.T.: 3.127 min
Delta R.T.: 0.000 min
Response: 31352167
Conc: 362.08 ng/ml



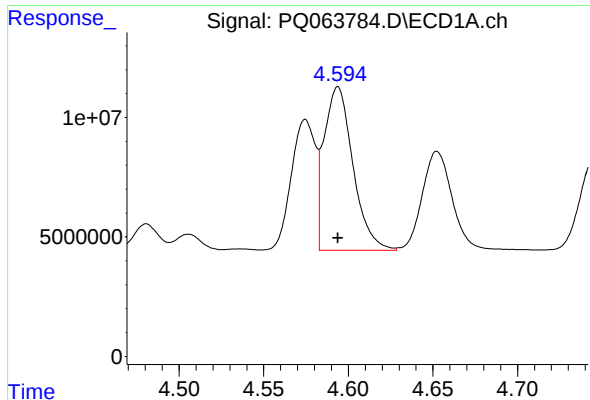
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 44585519
Conc: 848.97 ng/ml



#12 AR-1232-2

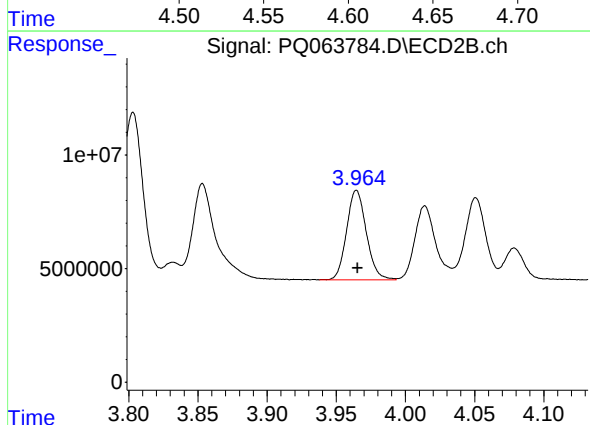
R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 72519337
Conc: 911.72 ng/ml



#13 AR-1232-3

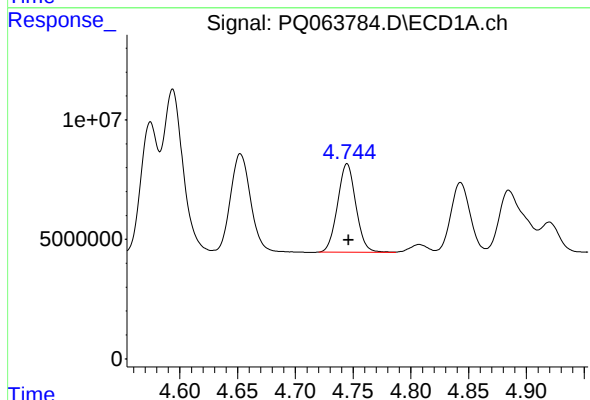
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 81461137
Conc: 905.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



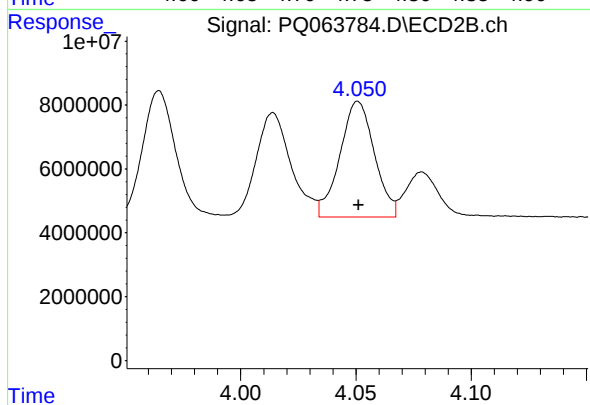
#13 AR-1232-3

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 39166896
Conc: 946.08 ng/ml



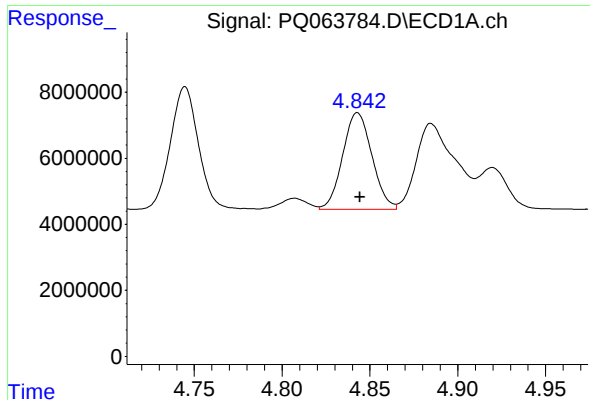
#14 AR-1232-4

R.T.: 4.745 min
Delta R.T.: -0.001 min
Response: 40874306
Conc: 934.80 ng/ml



#14 AR-1232-4

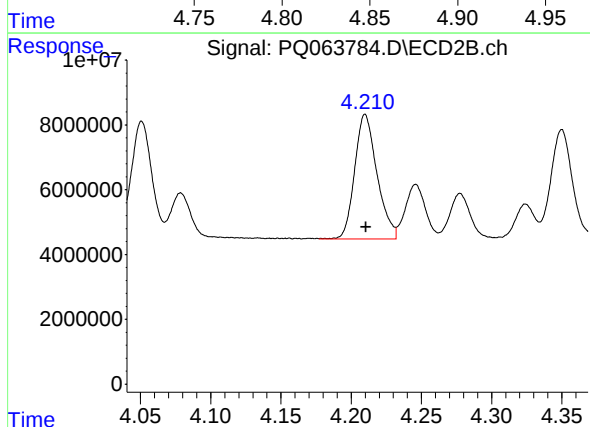
R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 37732454
Conc: 1038.99 ng/ml



#15 AR-1232-5

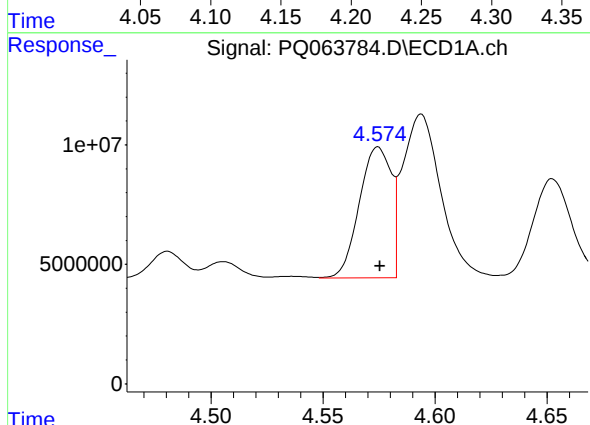
R.T.: 4.843 min
Delta R.T.: -0.001 min
Response: 33869158
Conc: 1012.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



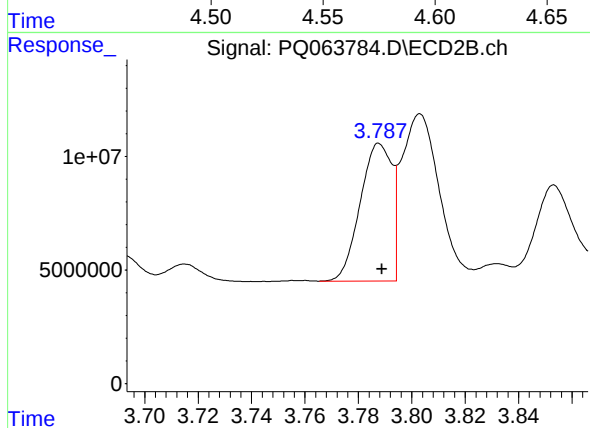
#15 AR-1232-5

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 42482566
Conc: 1011.07 ng/ml



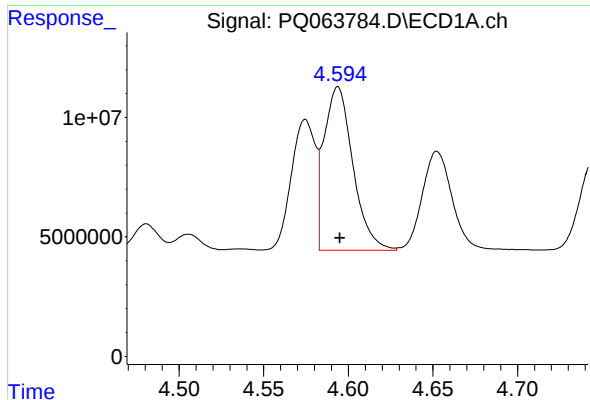
#16 AR-1242-1

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 54296969
Conc: 481.85 ng/ml



#16 AR-1242-1

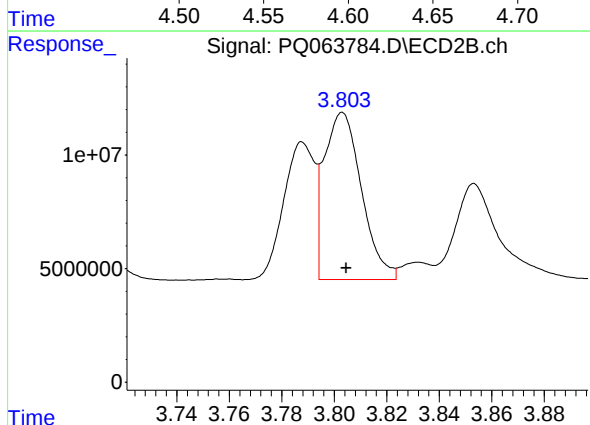
R.T.: 3.788 min
Delta R.T.: -0.001 min
Response: 49668778
Conc: 482.85 ng/ml



#17 AR-1242-2

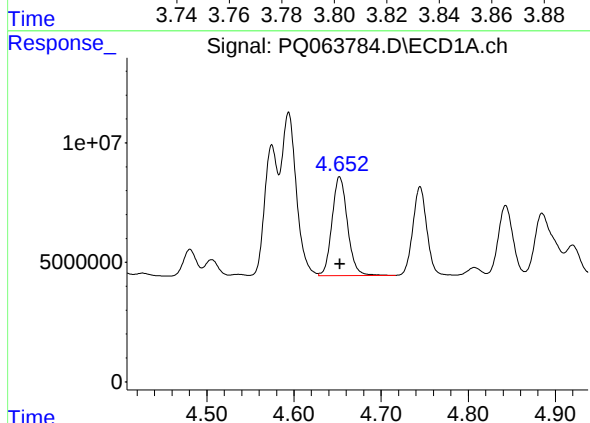
R.T.: 4.594 min
Delta R.T.: -0.001 min
Response: 81461137
Conc: 481.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



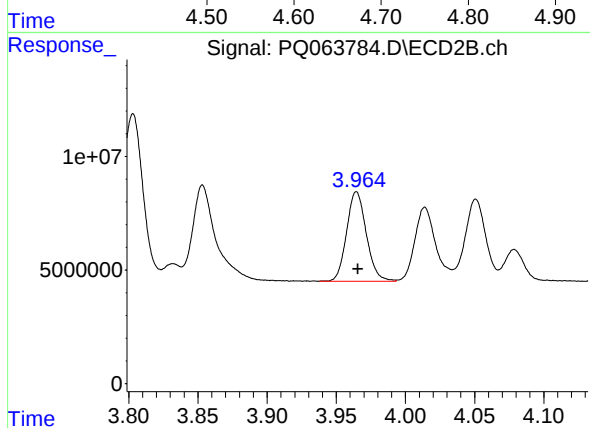
#17 AR-1242-2

R.T.: 3.803 min
Delta R.T.: -0.001 min
Response: 72519337
Conc: 491.42 ng/ml



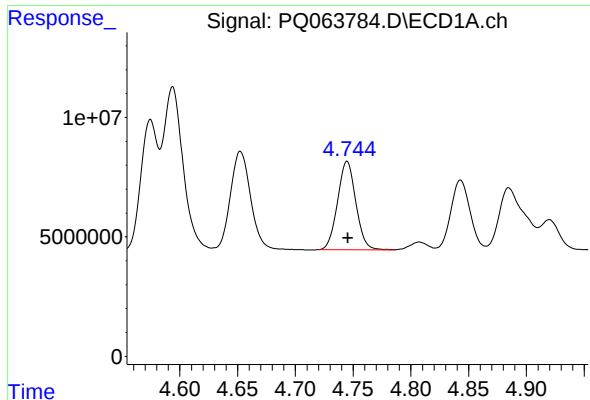
#18 AR-1242-3

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 50914240
Conc: 482.39 ng/ml



#18 AR-1242-3

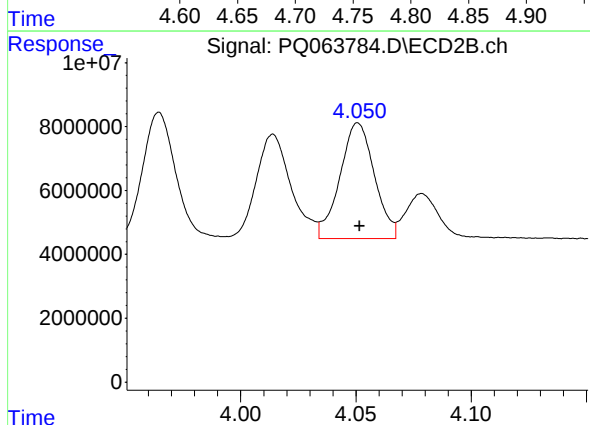
R.T.: 3.965 min
Delta R.T.: -0.001 min
Response: 39166896
Conc: 492.32 ng/ml



#19 AR-1242-4

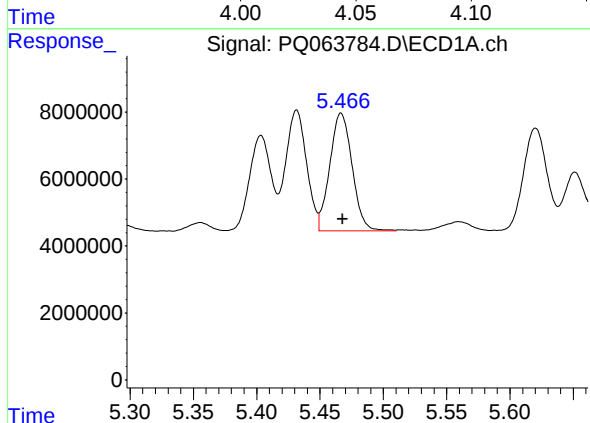
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 40874306
Conc: 481.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



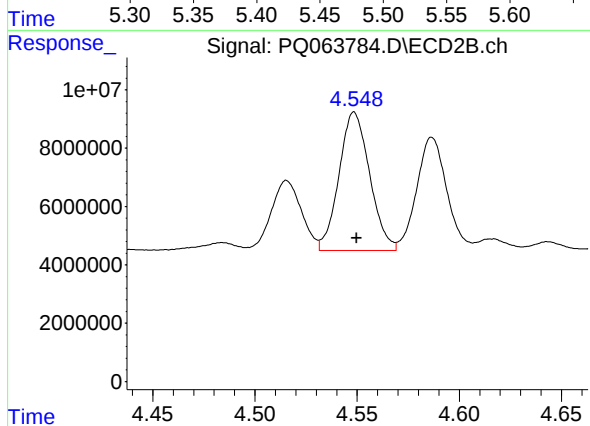
#19 AR-1242-4

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 37732454
Conc: 497.23 ng/ml



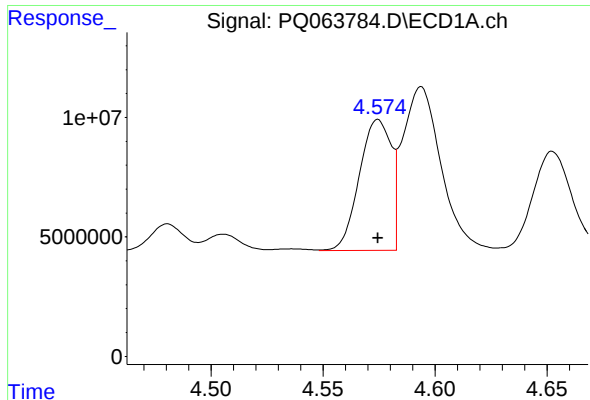
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: -0.001 min
Response: 43170944
Conc: 488.24 ng/ml



#20 AR-1242-5

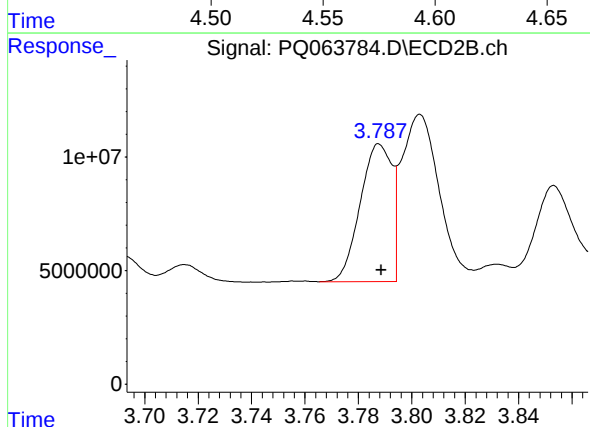
R.T.: 4.549 min
Delta R.T.: -0.001 min
Response: 49529627
Conc: 492.37 ng/ml



#21 AR-1248-1

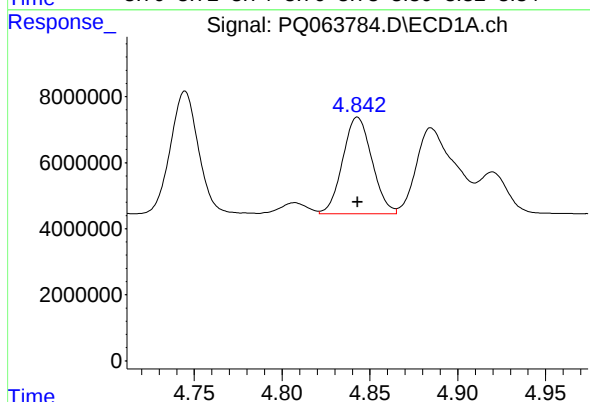
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 54296969
Conc: 652.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



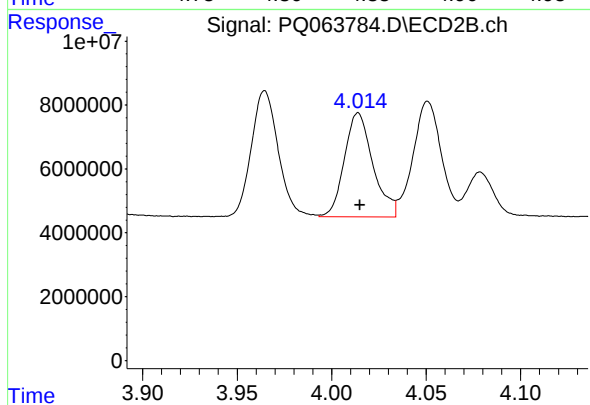
#21 AR-1248-1

R.T.: 3.788 min
Delta R.T.: 0.000 min
Response: 49668778
Conc: 636.99 ng/ml



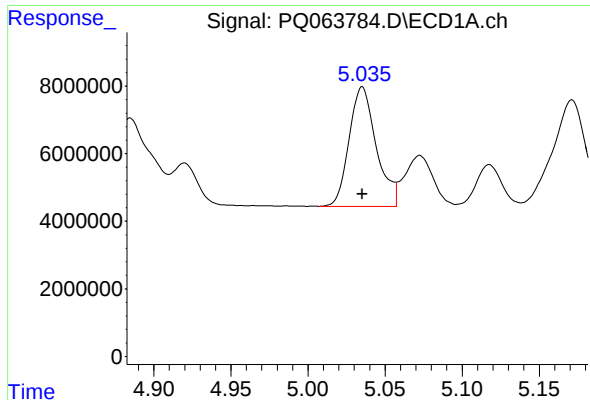
#22 AR-1248-2

R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 33869158
Conc: 279.05 ng/ml



#22 AR-1248-2

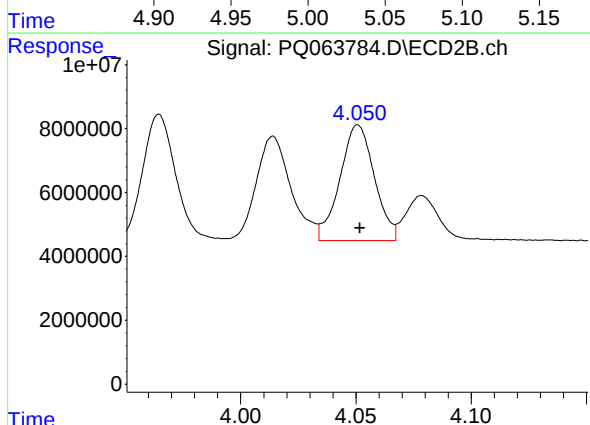
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 34325227
Conc: 289.56 ng/ml



#23 AR-1248-3

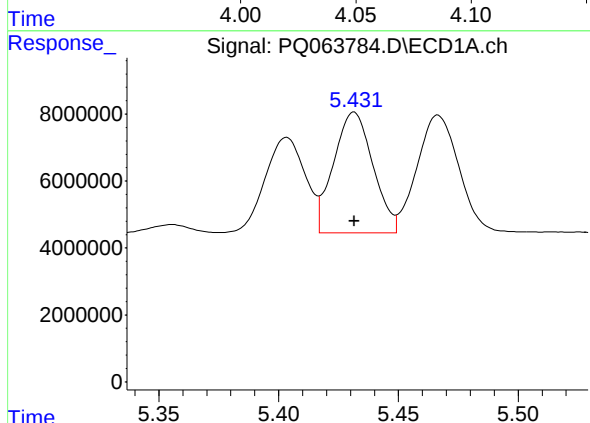
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 43071989
Conc: 297.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



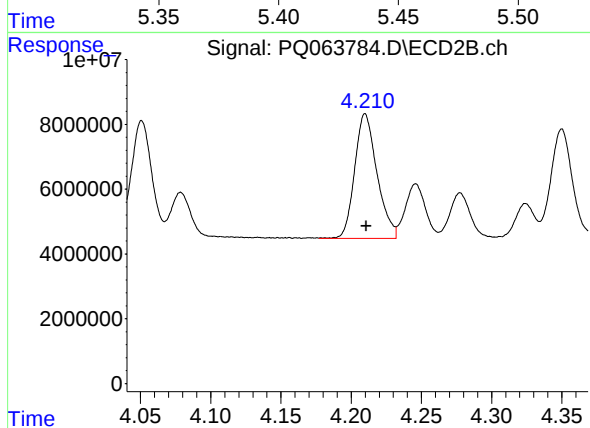
#23 AR-1248-3

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 37732454
Conc: 334.91 ng/ml



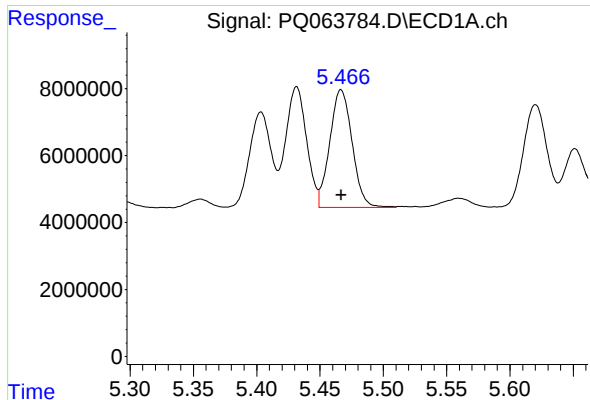
#24 AR-1248-4

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 41416441
Conc: 267.25 ng/ml



#24 AR-1248-4

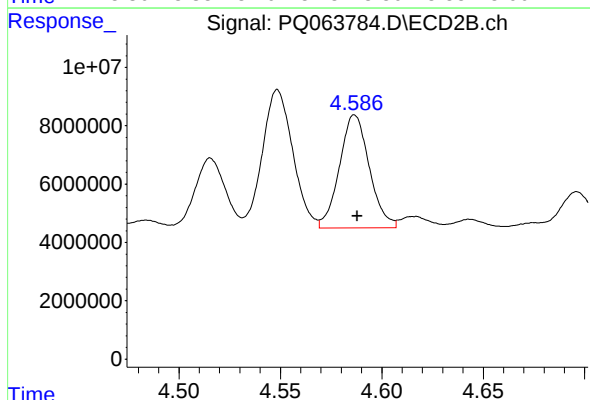
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 42482566
Conc: 308.61 ng/ml



#25 AR-1248-5

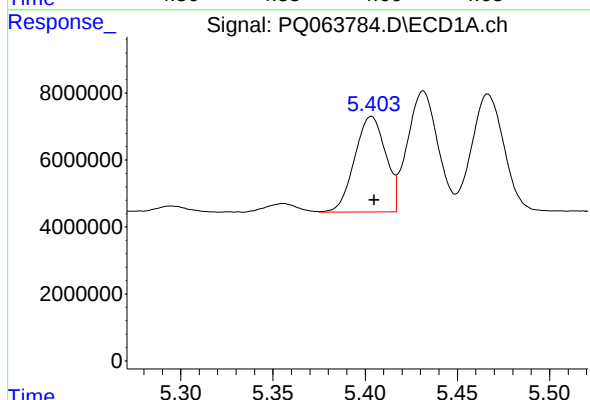
R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 43170944
Conc: 282.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



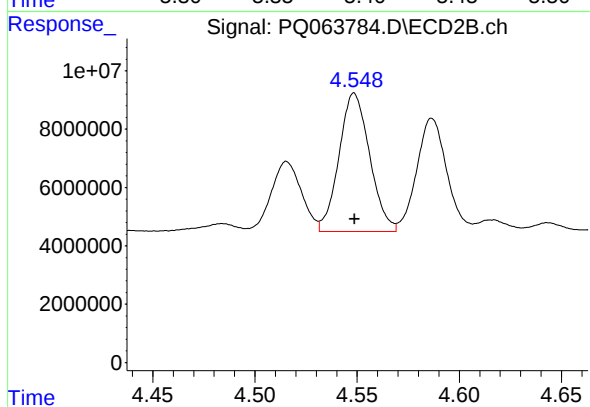
#25 AR-1248-5

R.T.: 4.587 min
Delta R.T.: -0.001 min
Response: 39787131
Conc: 296.33 ng/ml



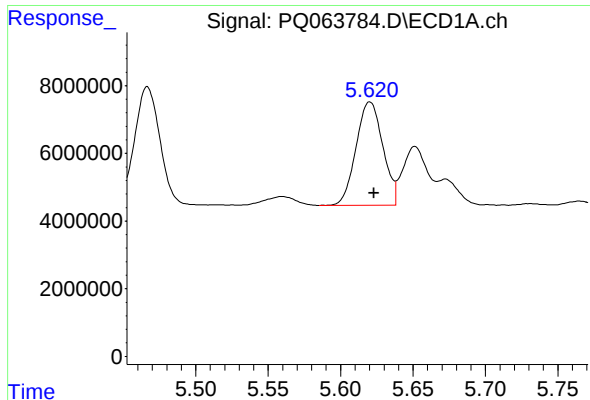
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: -0.002 min
Response: 33450300
Conc: 213.13 ng/ml



#26 AR-1254-1

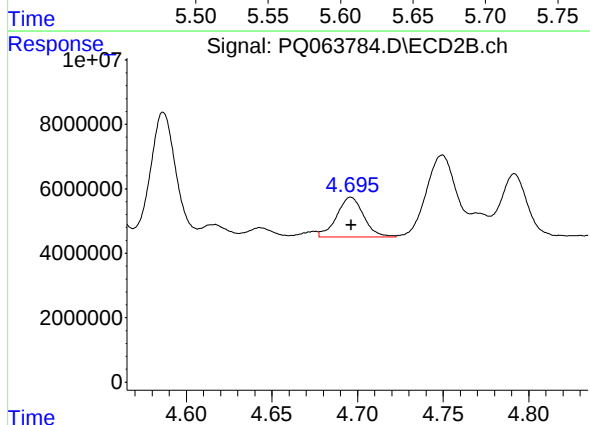
R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 49529627
Conc: 254.83 ng/ml



#27 AR-1254-2

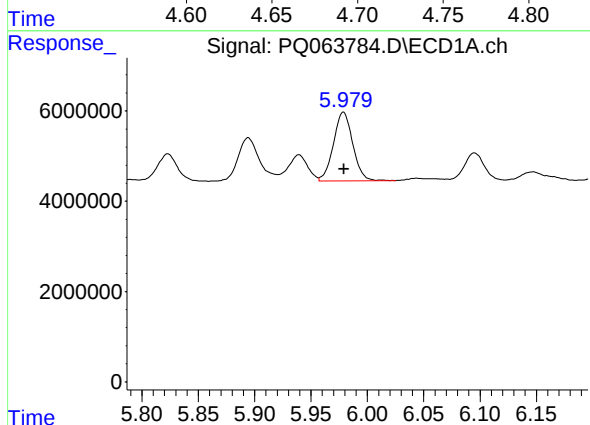
R.T.: 5.620 min
Delta R.T.: -0.003 min
Response: 39323300
Conc: 165.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



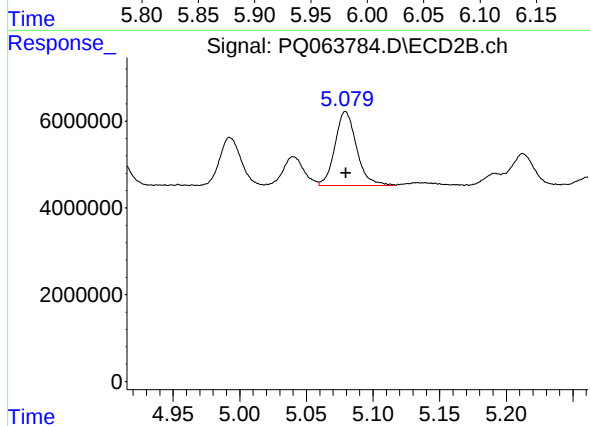
#27 AR-1254-2

R.T.: 4.696 min
Delta R.T.: 0.000 min
Response: 13573445
Conc: 77.92 ng/ml



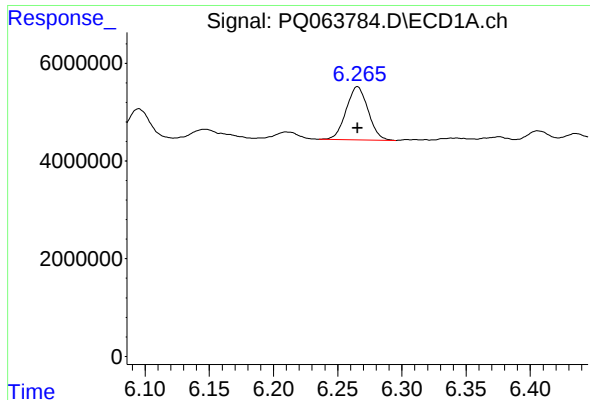
#28 AR-1254-3

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 18261527
Conc: 73.65 ng/ml



#28 AR-1254-3

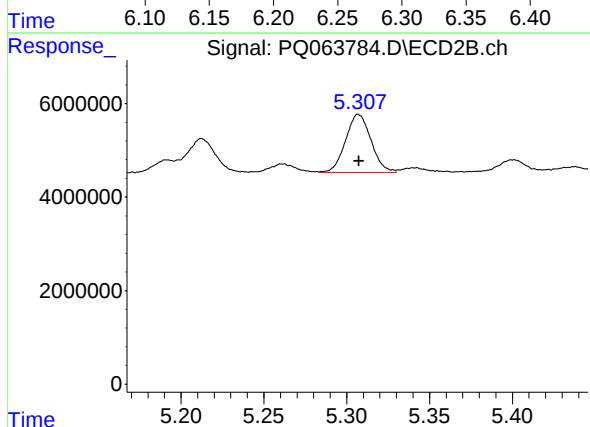
R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 19216295
Conc: 71.79 ng/ml



#29 AR-1254-4

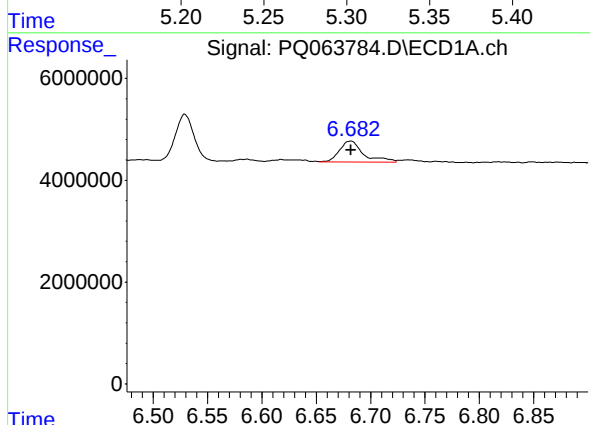
R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 12950267
Conc: 71.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



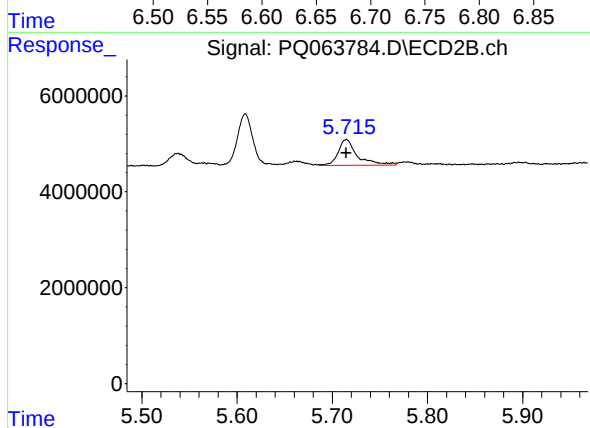
#29 AR-1254-4

R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 13306405
Conc: 75.85 ng/ml



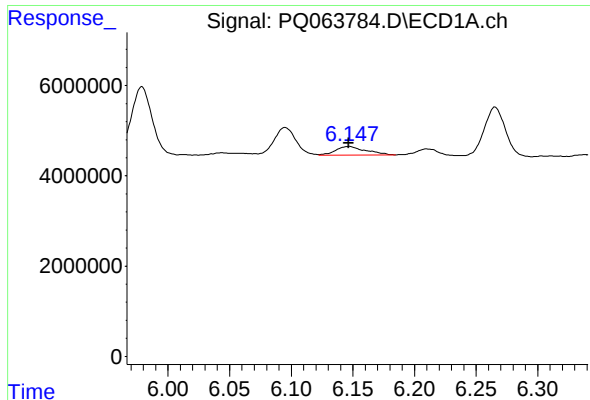
#30 AR-1254-5

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 6351052
Conc: 31.84 ng/ml



#30 AR-1254-5

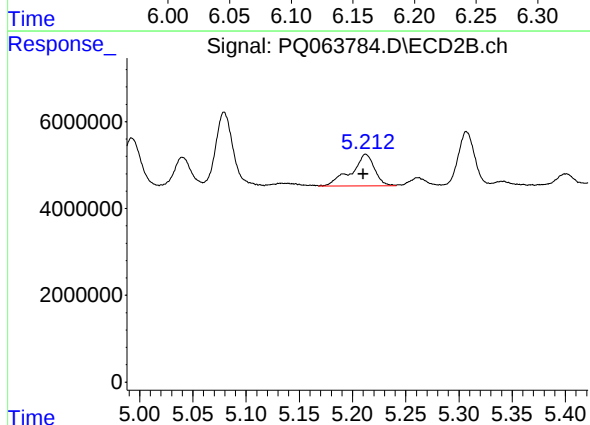
R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 7477366
Conc: 29.33 ng/ml



#31 AR-1260-1

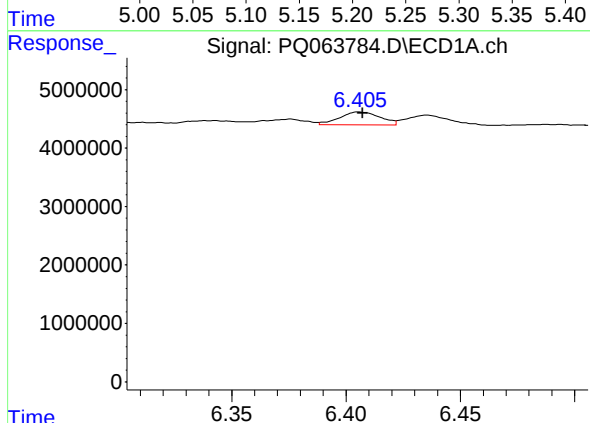
R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 3188865
Conc: 15.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



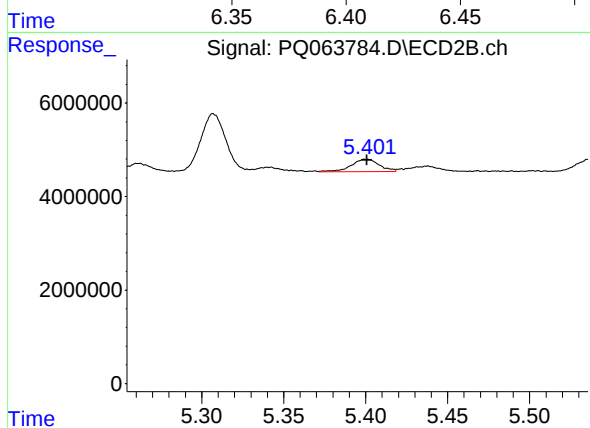
#31 AR-1260-1

R.T.: 5.212 min
Delta R.T.: 0.002 min
Response: 11080952
Conc: 56.02 ng/ml



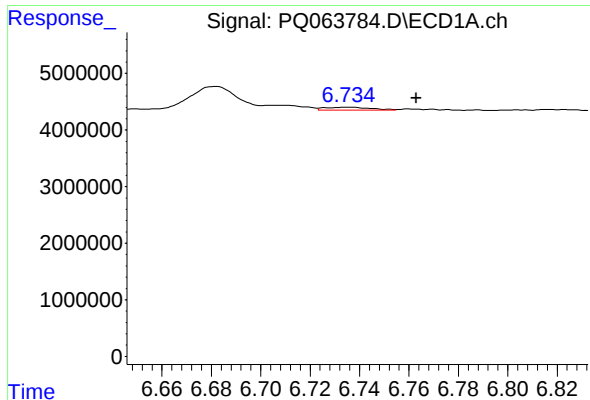
#32 AR-1260-2

R.T.: 6.406 min
Delta R.T.: -0.001 min
Response: 2675549
Conc: 11.08 ng/ml



#32 AR-1260-2

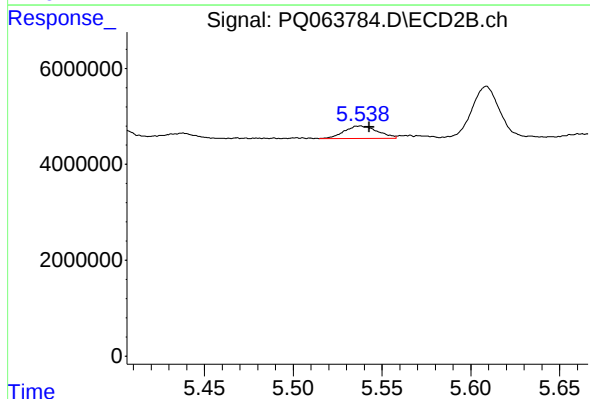
R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 3179100
Conc: 13.32 ng/ml



#33 AR-1260-3

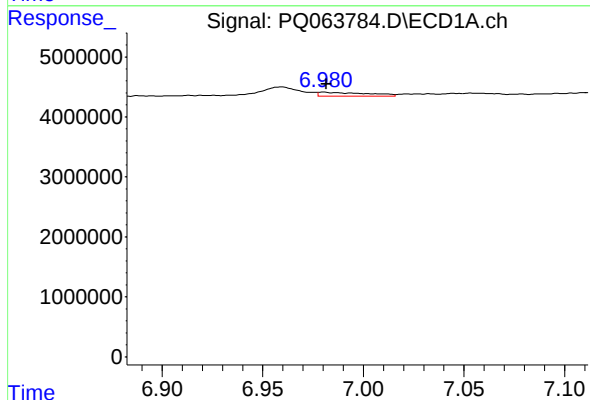
R.T.: 6.735 min
Delta R.T.: -0.028 min
Response: 660181
Conc: 4.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



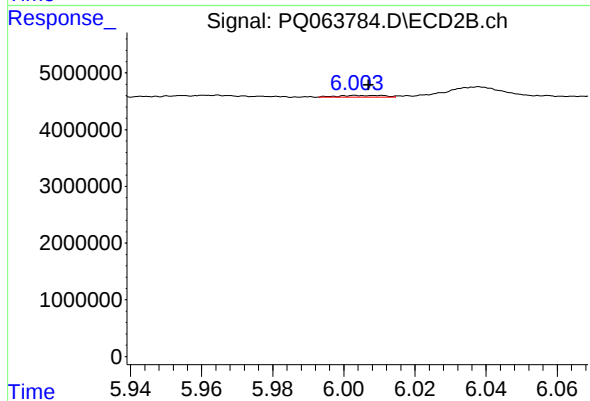
#33 AR-1260-3

R.T.: 5.537 min
Delta R.T.: -0.005 min
Response: 3384537
Conc: 14.98 ng/ml



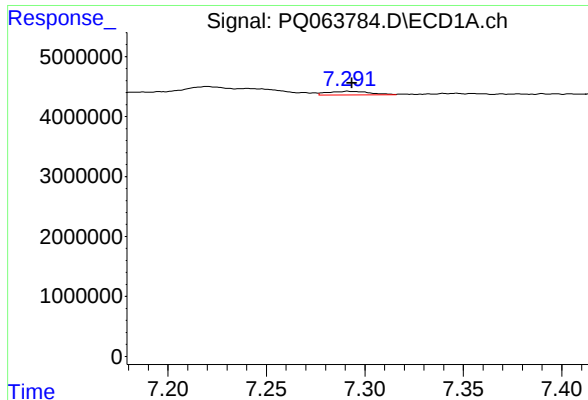
#34 AR-1260-4

R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 1065157
Conc: 5.77 ng/ml



#34 AR-1260-4

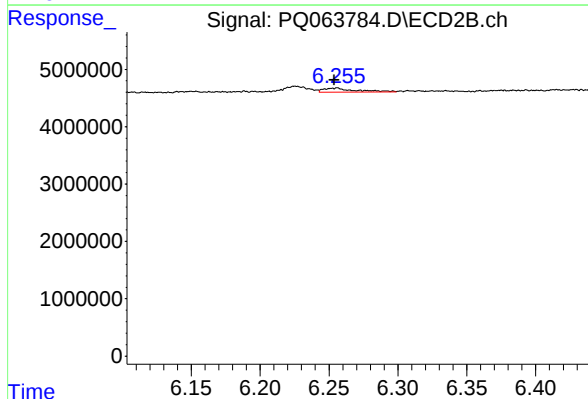
R.T.: 6.003 min
Delta R.T.: -0.004 min
Response: 266647
Conc: 1.55 ng/ml



#35 AR-1260-5

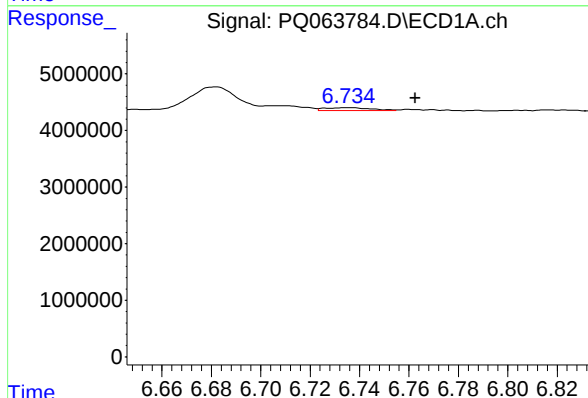
R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 922491
Conc: 2.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



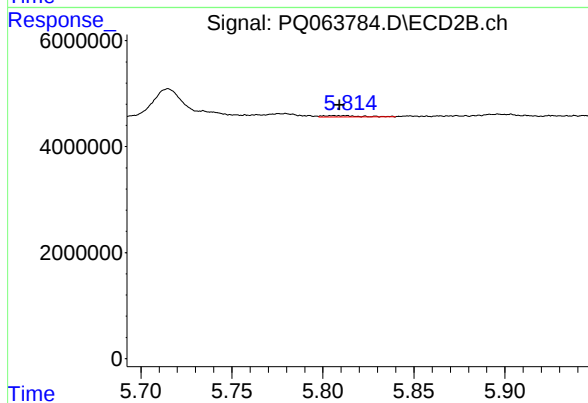
#35 AR-1260-5

R.T.: 6.256 min
Delta R.T.: 0.002 min
Response: 1222326
Conc: 3.06 ng/ml



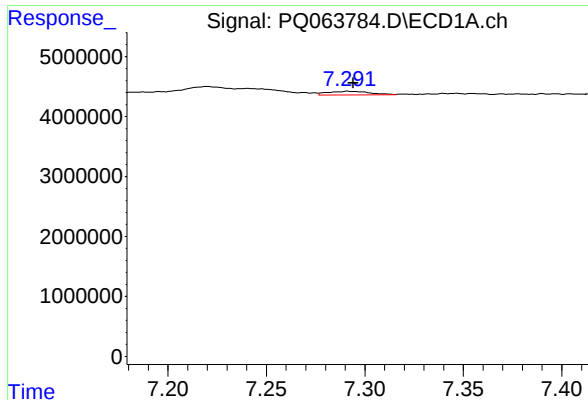
#36 AR-1262-1

R.T.: 6.735 min
Delta R.T.: -0.027 min
Response: 660181
Conc: 2.53 ng/ml



#36 AR-1262-1

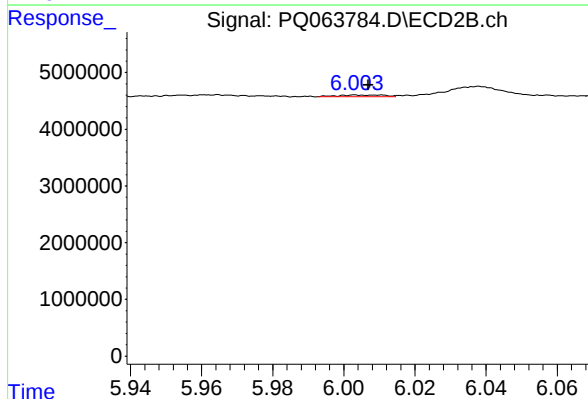
R.T.: 5.806 min
Delta R.T.: -0.003 min
Response: 319578
Conc: 2.92 ng/ml



#37 AR-1262-2

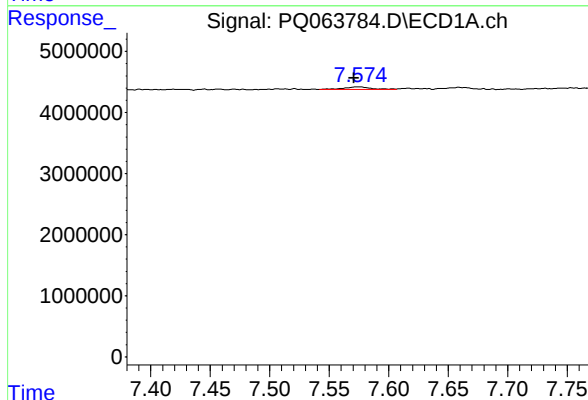
R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 922491
Conc: 2.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



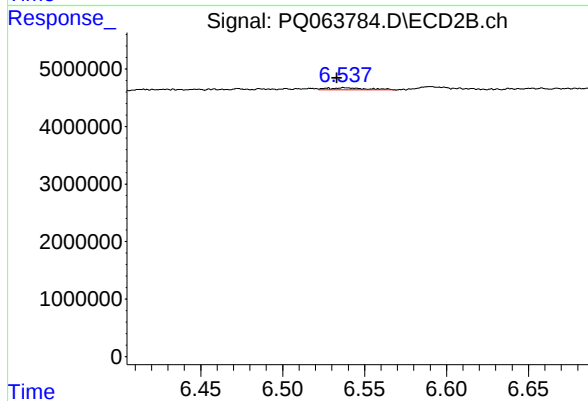
#37 AR-1262-2

R.T.: 6.003 min
Delta R.T.: -0.004 min
Response: 266647
Conc: 1.08 ng/ml



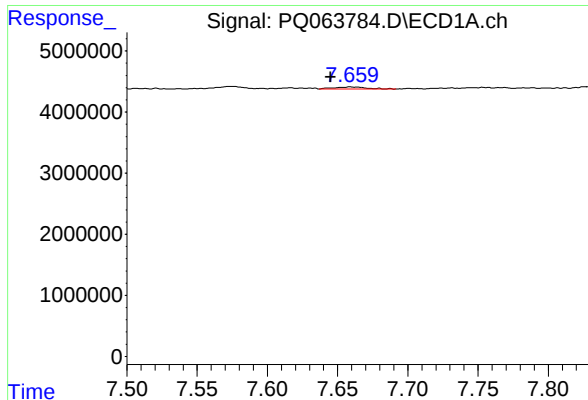
#38 AR-1262-3

R.T.: 7.574 min
Delta R.T.: 0.004 min
Response: 727773
Conc: 2.54 ng/ml



#38 AR-1262-3

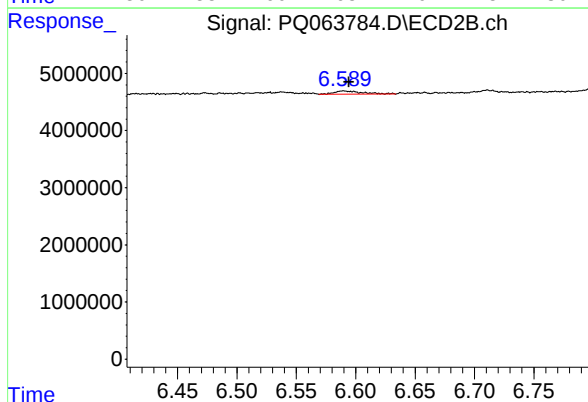
R.T.: 6.538 min
Delta R.T.: 0.005 min
Response: 570023
Conc: 2.81 ng/ml



#39 AR-1262-4

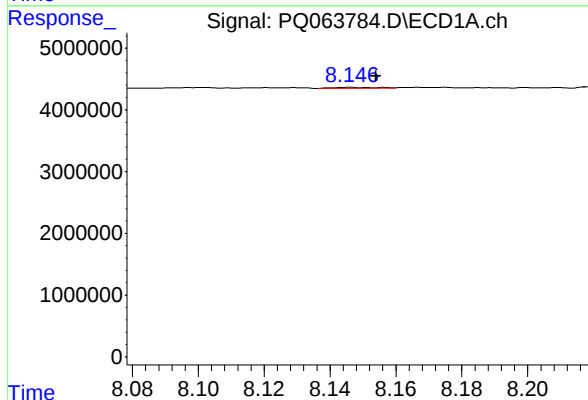
R.T.: 7.659 min
Delta R.T.: 0.014 min
Response: 602088
Conc: 2.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



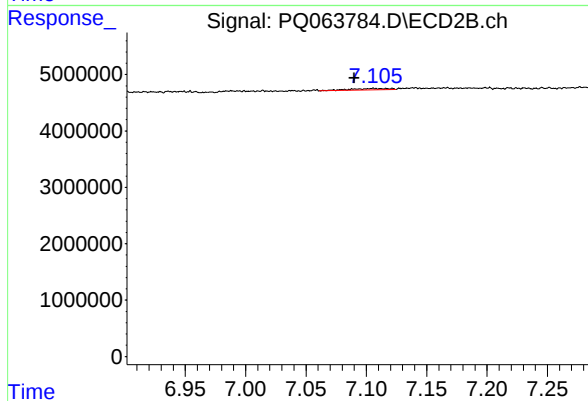
#39 AR-1262-4

R.T.: 6.590 min
Delta R.T.: -0.004 min
Response: 908052
Conc: 2.44 ng/ml



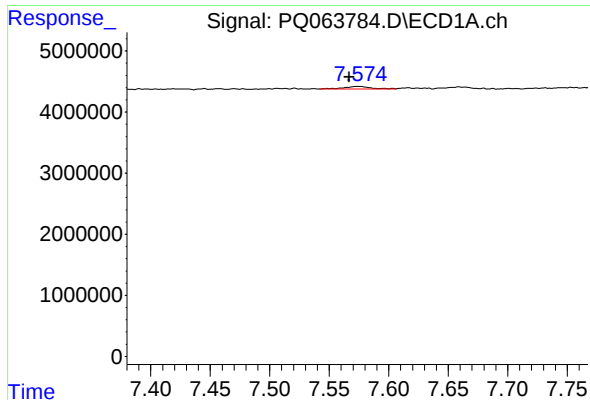
#40 AR-1262-5

R.T.: 8.146 min
Delta R.T.: -0.008 min
Response: 164669
Conc: 1.16 ng/ml



#40 AR-1262-5

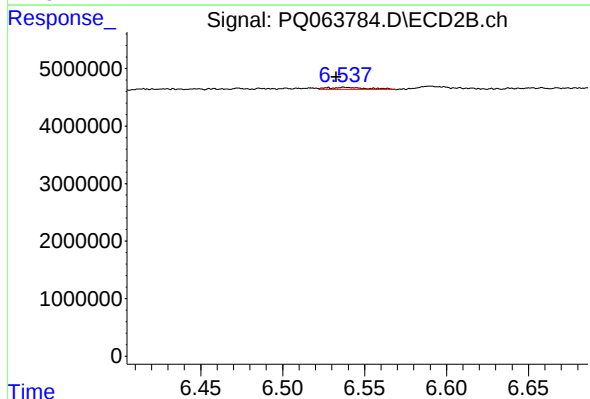
R.T.: 7.106 min
Delta R.T.: 0.016 min
Response: 439743
Conc: 2.43 ng/ml



#41 AR-1268-1

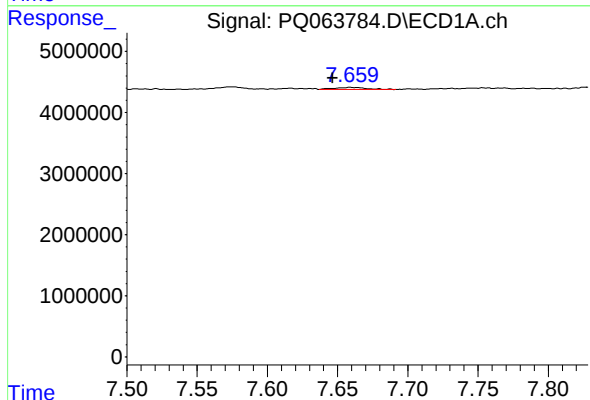
R.T.: 7.574 min
Delta R.T.: 0.008 min
Response: 727773
Conc: 1.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



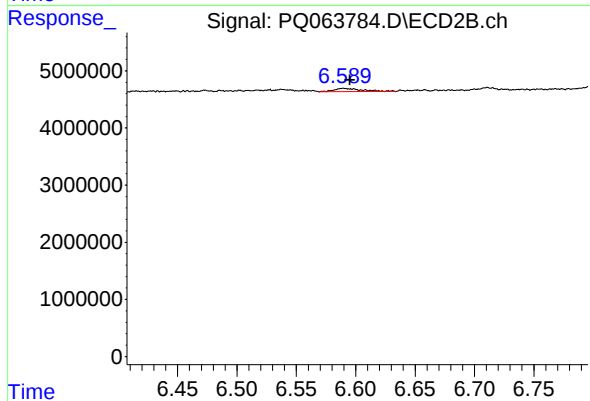
#41 AR-1268-1

R.T.: 6.538 min
Delta R.T.: 0.005 min
Response: 570023
Conc: 0.99 ng/ml



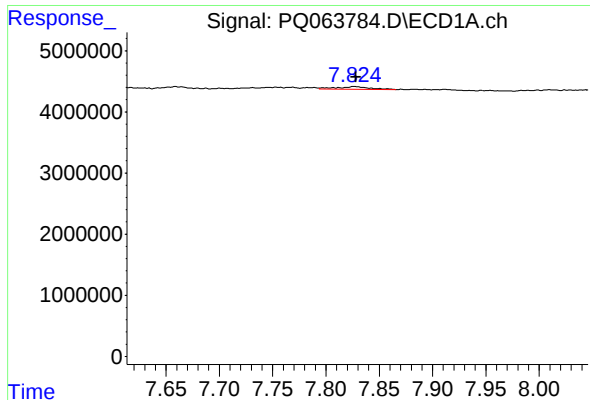
#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: 0.012 min
Response: 602088
Conc: 1.34 ng/ml



#42 AR-1268-2

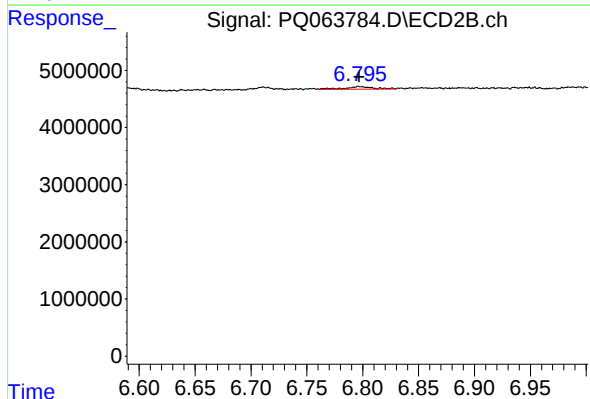
R.T.: 6.590 min
Delta R.T.: -0.006 min
Response: 908052
Conc: 1.75 ng/ml



#43 AR-1268-3

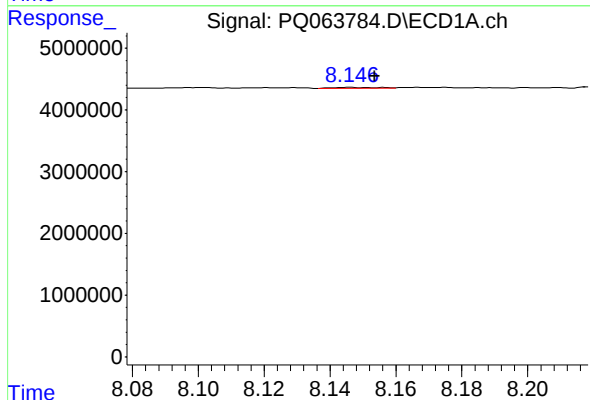
R.T.: 7.826 min
Delta R.T.: -0.002 min
Response: 967001
Conc: 2.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



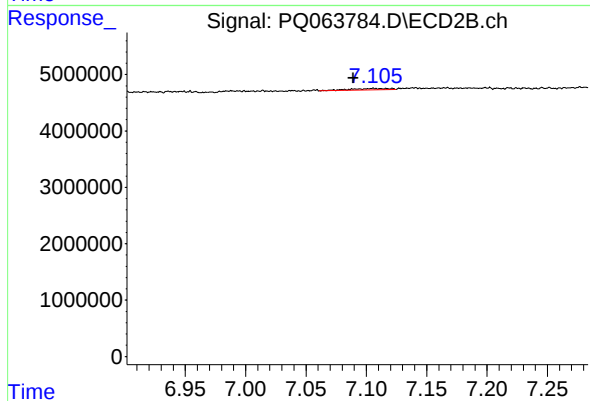
#43 AR-1268-3

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 840485
Conc: 1.81 ng/ml



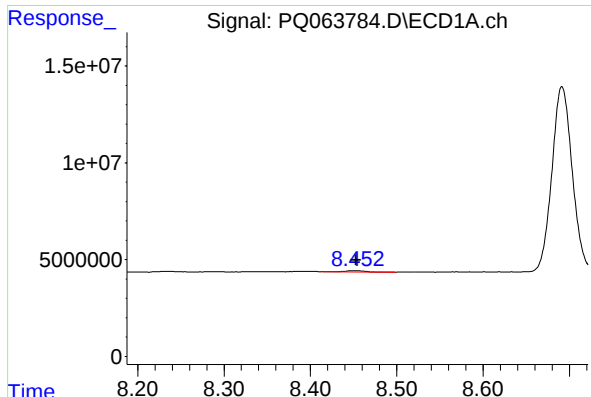
#44 AR-1268-4

R.T.: 8.146 min
Delta R.T.: -0.008 min
Response: 164669
Conc: 1.05 ng/ml



#44 AR-1268-4

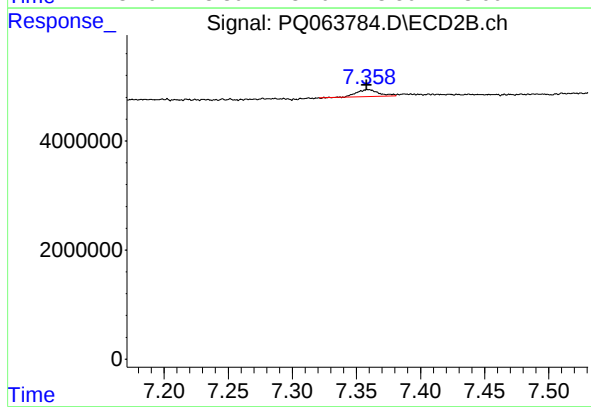
R.T.: 7.106 min
Delta R.T.: 0.016 min
Response: 439743
Conc: 2.25 ng/ml



#45 AR-1268-5

R.T.: 8.452 min
Delta R.T.: 0.000 min
Response: 972557
Conc: 0.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.359 min
Delta R.T.: 0.001 min
Response: 1553411
Conc: 1.01 ng/ml