

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110823\
 Data File : PQ063786.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 00:16
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 144 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 00:39:06 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	2.777	208.9E6	194.1E6	49.014	52.778
2) SA Decachlor...	8.692	7.575	152.8E6	230.8E6	47.319	49.260
Target Compounds						
3) L1 AR-1016-1	4.575	3.788	1095342	1529019	7.948	12.137 #
4) L1 AR-1016-2	4.595	3.804	1770790	1078807	8.384	5.954 #
5) L1 AR-1016-3	4.652	3.965	1378328	1003564	10.349	10.298
6) L1 AR-1016-4	4.745	4.014	988657	40085598	9.403	475.134 #
7) L1 AR-1016-5	5.035	4.210	24870171	23448183	234.748	234.456
8) L2 AR-1221-1	3.672	2.978	351511	64210	6.496	1.246 #
9) L2 AR-1221-2	3.742	3.048	2739705	2685154	74.999	77.011
10) L2 AR-1221-3	3.812	3.131	433598	464107	3.651	4.208
11) L3 AR-1232-1	3.812	3.131	433598	464107	4.636	5.360
12) L3 AR-1232-2	4.314	3.804	832996	1078807	15.861	13.563
13) L3 AR-1232-3	4.595	3.965	1770790	1003564	19.688	24.241
14) L3 AR-1232-4	4.745	4.050	988657	12257581	22.611	337.520 #
15) L3 AR-1232-5	4.843	4.210	42822507	23448183	1280.567	558.059 #
16) L4 AR-1242-1	4.575	3.788	1095342	1529019	9.720	14.864 #
17) L4 AR-1242-2	4.595	3.804	1770790	1078807	10.472	7.310 #
18) L4 AR-1242-3	4.652	3.965	1378328	1003564	13.059	12.615
19) L4 AR-1242-4	4.745	4.050	988657	12257581	11.652	161.527 #
20) L4 AR-1242-5	5.470	4.548	22982993	95049548	259.924	944.883 #
21) L5 AR-1248-1	4.575	3.788	1095342	1529019	13.156	19.609 #
22) L5 AR-1248-2	4.843	4.014	42822507	40085598	352.822	338.155
23) L5 AR-1248-3	5.035	4.050	24870171	12257581	171.764	108.799 #
24) L5 AR-1248-4	5.432	4.210	35893902	23448183	231.612	170.337 #
25) L5 AR-1248-5	5.470	4.586	22982993	11091045	150.307	82.604 #
26) L6 AR-1254-1	5.404	4.548	77019806	95049548	490.729	489.030
27) L6 AR-1254-2	5.623	4.696	116.9E6	84958713	493.129	487.695
28) L6 AR-1254-3	5.979	5.080	120.2E6	131.0E6	484.807	489.467
29) L6 AR-1254-4	6.266	5.307	88860454	85157877	490.339	485.424
30) L6 AR-1254-5	6.681	5.715	99512651	125.9E6	498.910	493.680
31) L7 AR-1260-1	6.145	5.211	51101128	67181782	249.606	339.655 #
32) L7 AR-1260-2	6.406	5.400	53334609	57451893	220.789	240.653
33) L7 AR-1260-3	6.762	5.538	4077999	58345448	25.337	258.307 #
34) L7 AR-1260-4	6.958	6.007	40526594	6156894	219.667	35.783 #
35) L7 AR-1260-5	7.294	6.254	14041980	16668636	39.511	41.769
36) L8 AR-1262-1	6.762	5.808	4077999	4559895	15.604	41.651 #
37) L8 AR-1262-2	7.294	6.007	14041980	6156894	33.013	24.925
38) L8 AR-1262-3	7.574	6.537	11036235	800378	38.517	3.951 #
39) L8 AR-1262-4	7.616f	6.588	2653267	16047439	11.563	43.065 #
40) L8 AR-1262-5	8.155	7.091	804573	430518	5.648	2.381 #
41) L9 AR-1268-1	7.574	6.537	11036235	800378	22.318	1.395 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110823\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 00:16
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 Sample : AR1254CCC500
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 ALS Vial : 144 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 00:39:06 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

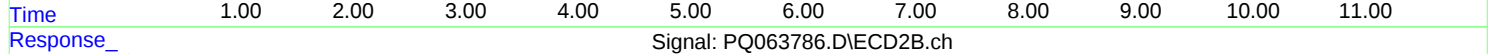
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

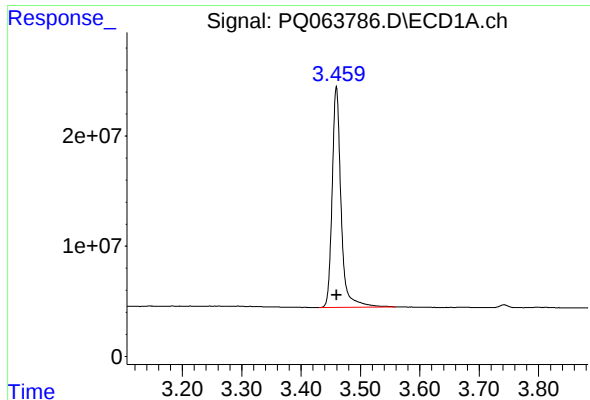
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.616f	6.588	2653267	16047439	5.925	30.913 #
43) L9	AR-1268-3	7.829	6.794	781583	1564372	2.003	3.374 #
44) L9	AR-1268-4	8.155	7.091	804573	430518	5.147	2.204 #
45) L9	AR-1268-5	8.451	7.359	1239792	1310331	1.100	0.856

(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

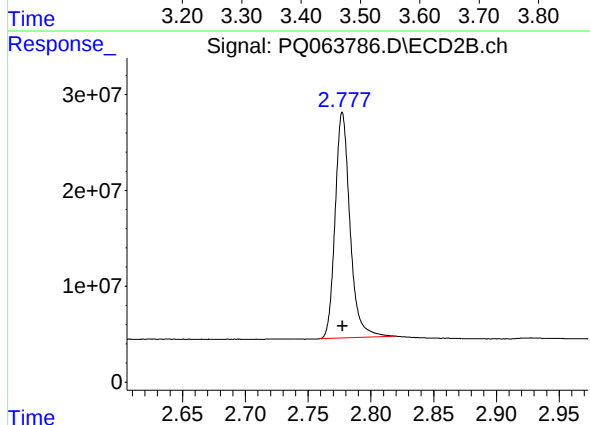




#1 Tetrachloro-m-xylene

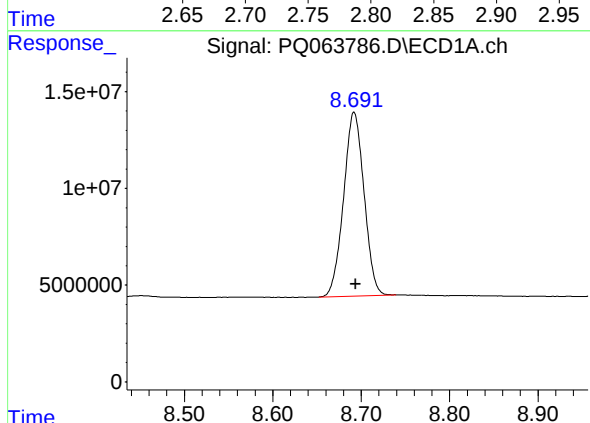
R.T.: 3.459 min
Delta R.T.: 0.000 min
Response: 208922457
Conc: 49.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



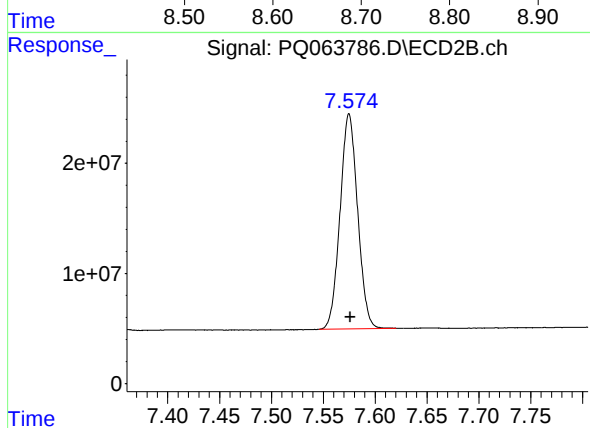
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 194099078
Conc: 52.78 ng/ml



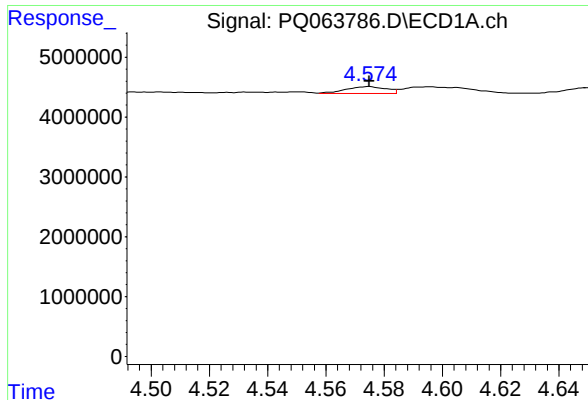
#2 Decachlorobiphenyl

R.T.: 8.692 min
Delta R.T.: -0.002 min
Response: 152776633
Conc: 47.32 ng/ml



#2 Decachlorobiphenyl

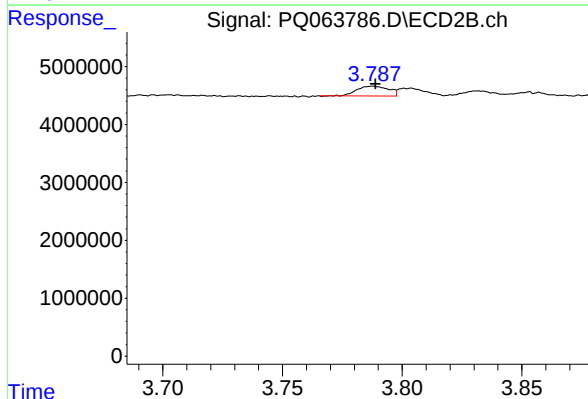
R.T.: 7.575 min
Delta R.T.: -0.001 min
Response: 230804267
Conc: 49.26 ng/ml



#3 AR-1016-1

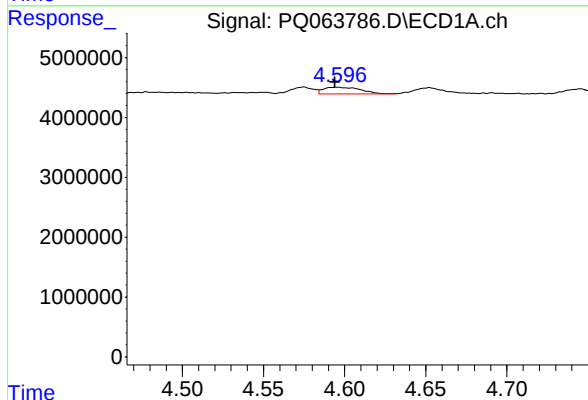
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 1095342
Conc: 7.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



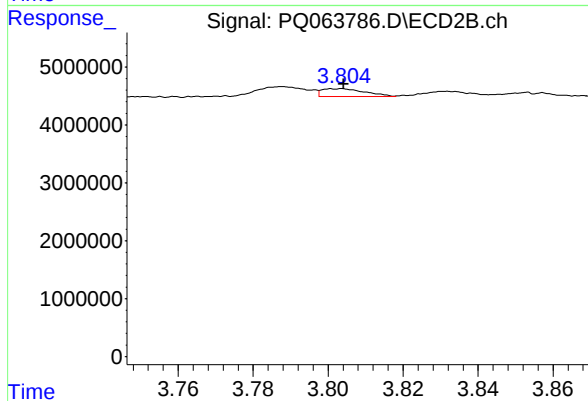
#3 AR-1016-1

R.T.: 3.788 min
Delta R.T.: -0.001 min
Response: 1529019
Conc: 12.14 ng/ml



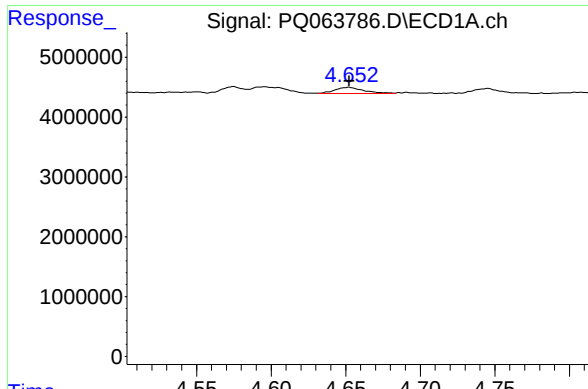
#4 AR-1016-2

R.T.: 4.595 min
Delta R.T.: 0.001 min
Response: 1770790
Conc: 8.38 ng/ml



#4 AR-1016-2

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 1078807
Conc: 5.95 ng/ml



#5 AR-1016-3

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 1378328
Conc: 10.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :

#5 AR-1016-3

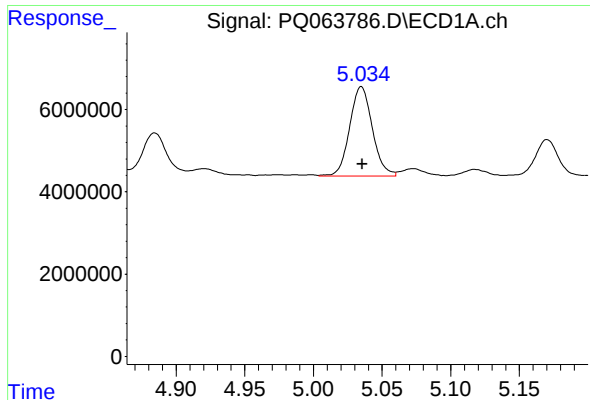
R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 1003564
Conc: 10.30 ng/ml

#6 AR-1016-4

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 988657
Conc: 9.40 ng/ml

#6 AR-1016-4

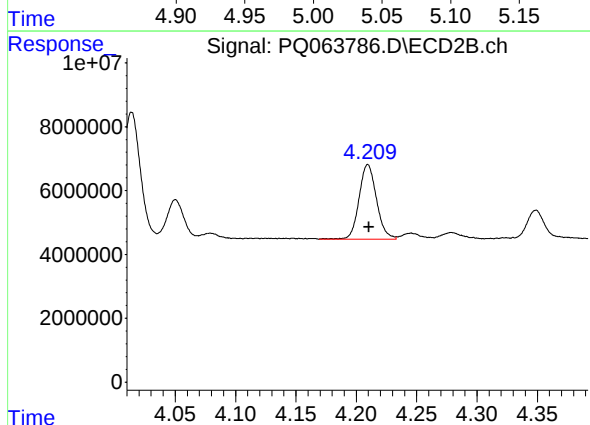
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 40085598
Conc: 475.13 ng/ml



#7 AR-1016-5

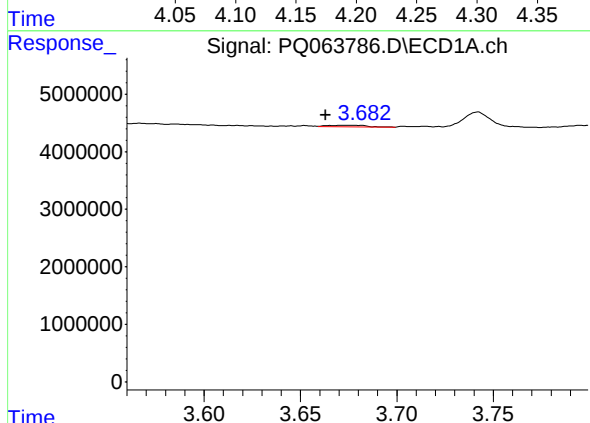
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 24870171
Conc: 234.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



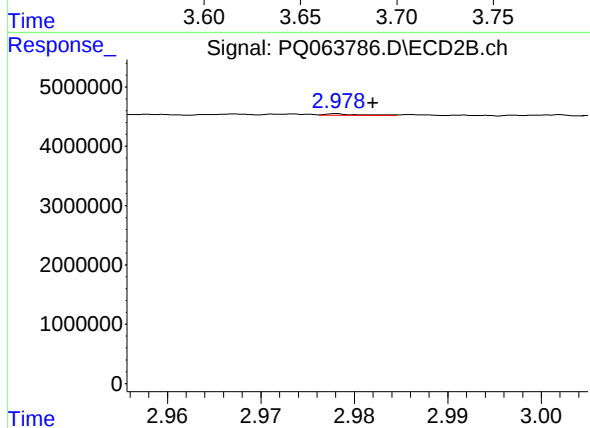
#7 AR-1016-5

R.T.: 4.210 min
Delta R.T.: -0.001 min
Response: 23448183
Conc: 234.46 ng/ml



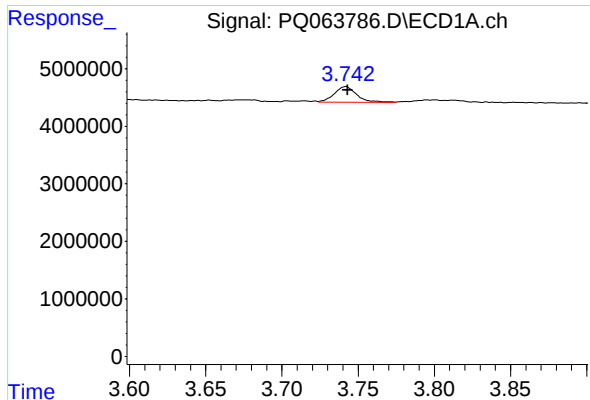
#8 AR-1221-1

R.T.: 3.672 min
Delta R.T.: 0.009 min
Response: 351511
Conc: 6.50 ng/ml



#8 AR-1221-1

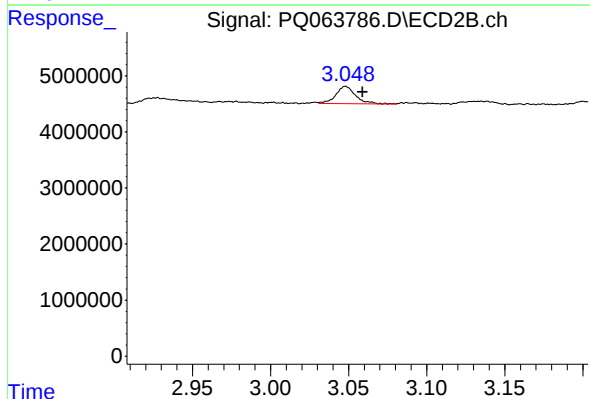
R.T.: 2.978 min
Delta R.T.: -0.004 min
Response: 64210
Conc: 1.25 ng/ml



#9 AR-1221-2

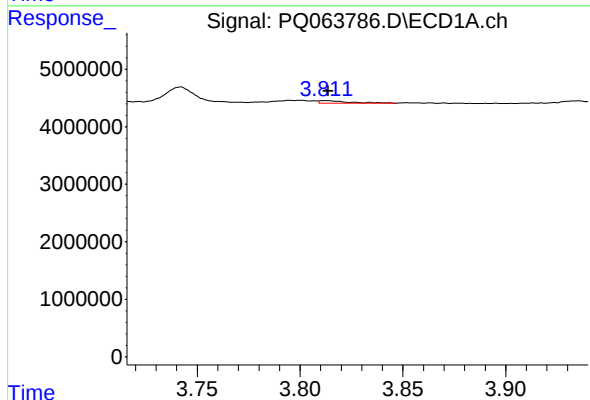
R.T.: 3.742 min
Delta R.T.: -0.001 min
Response: 2739705
Conc: 75.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



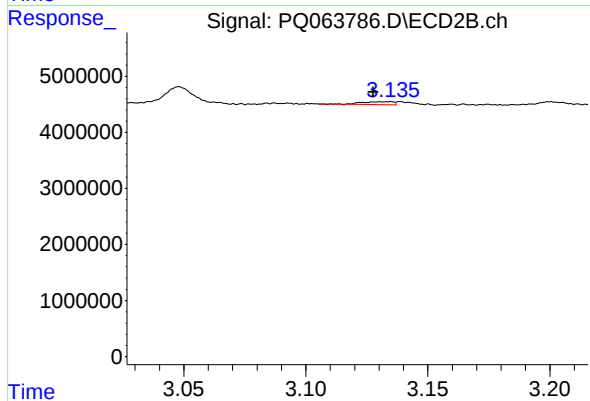
#9 AR-1221-2

R.T.: 3.048 min
Delta R.T.: -0.011 min
Response: 2685154
Conc: 77.01 ng/ml



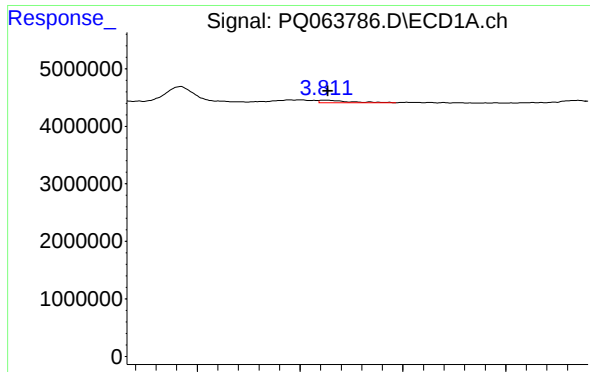
#10 AR-1221-3

R.T.: 3.812 min
Delta R.T.: -0.002 min
Response: 433598
Conc: 3.65 ng/ml



#10 AR-1221-3

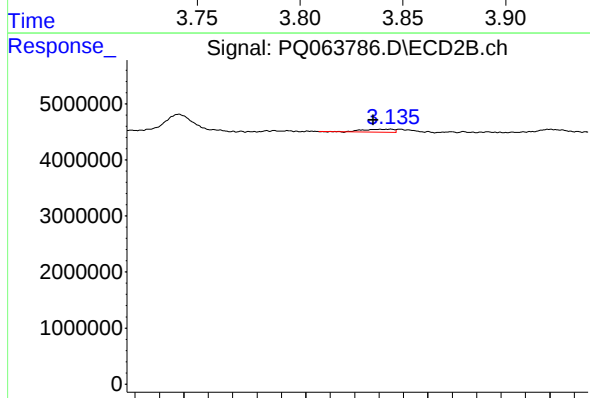
R.T.: 3.131 min
Delta R.T.: 0.003 min
Response: 464107
Conc: 4.21 ng/ml



#11 AR-1232-1

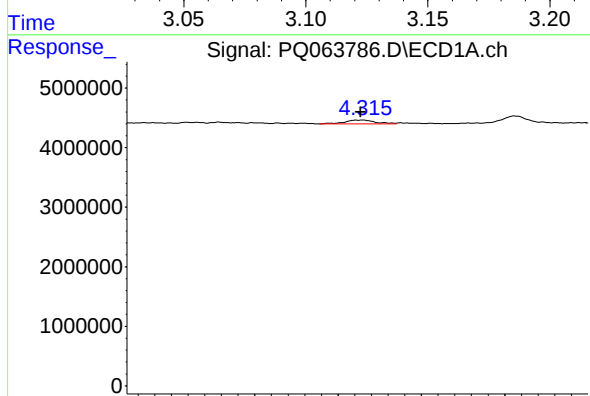
R.T.: 3.812 min
Delta R.T.: -0.002 min
Response: 433598
Conc: 4.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



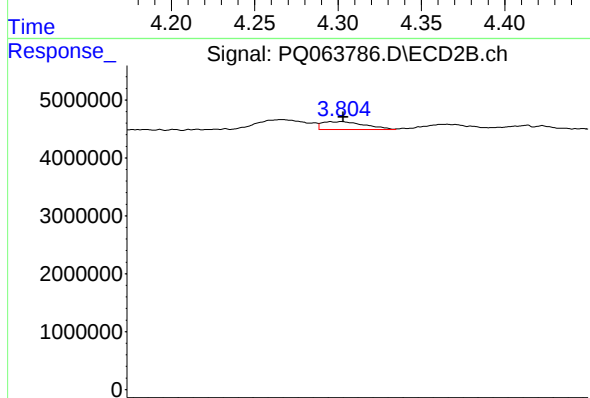
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: 0.003 min
Response: 464107
Conc: 5.36 ng/ml



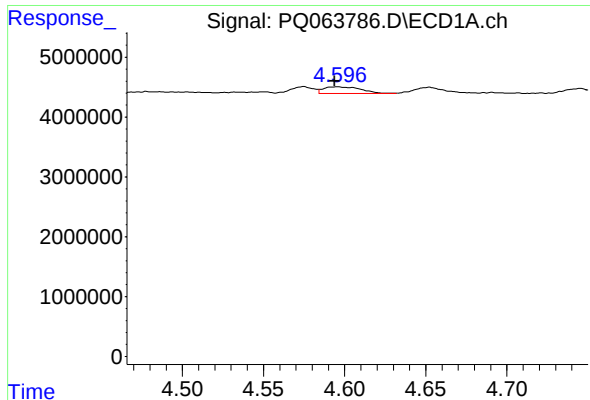
#12 AR-1232-2

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 832996
Conc: 15.86 ng/ml



#12 AR-1232-2

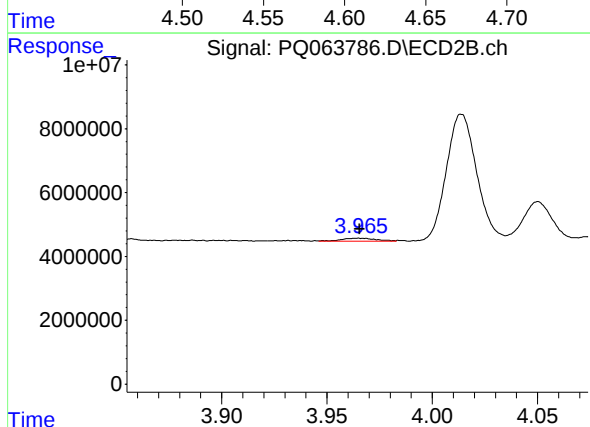
R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 1078807
Conc: 13.56 ng/ml



#13 AR-1232-3

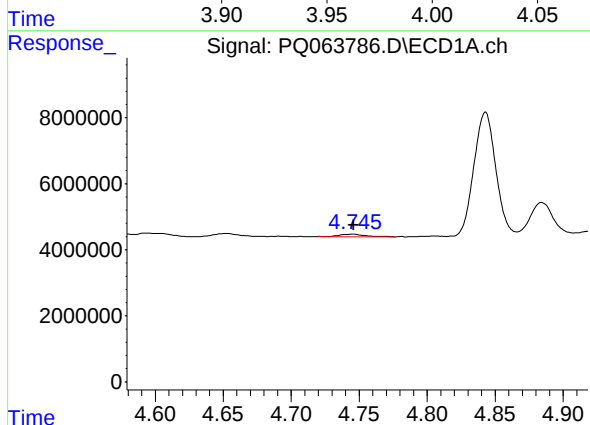
R.T.: 4.595 min
Delta R.T.: 0.001 min
Response: 1770790
Conc: 19.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



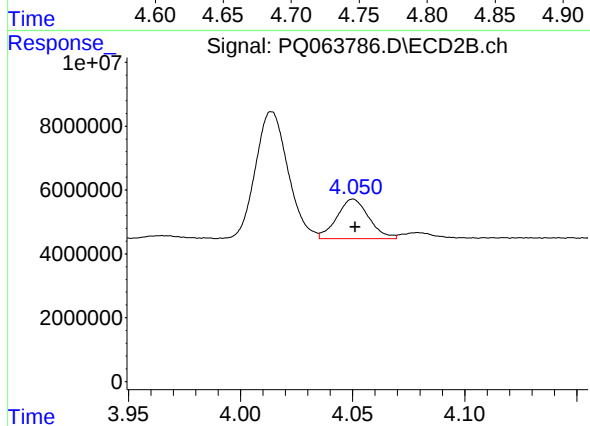
#13 AR-1232-3

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 1003564
Conc: 24.24 ng/ml



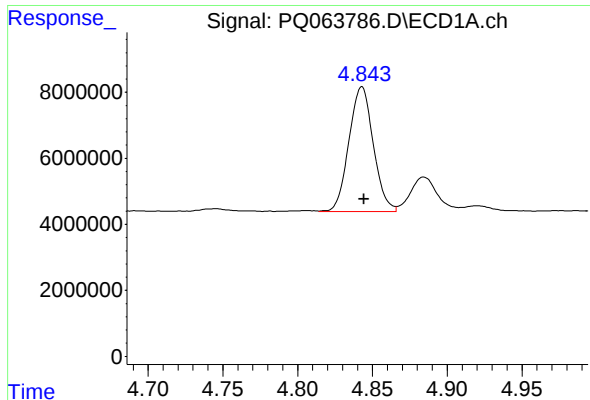
#14 AR-1232-4

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 988657
Conc: 22.61 ng/ml



#14 AR-1232-4

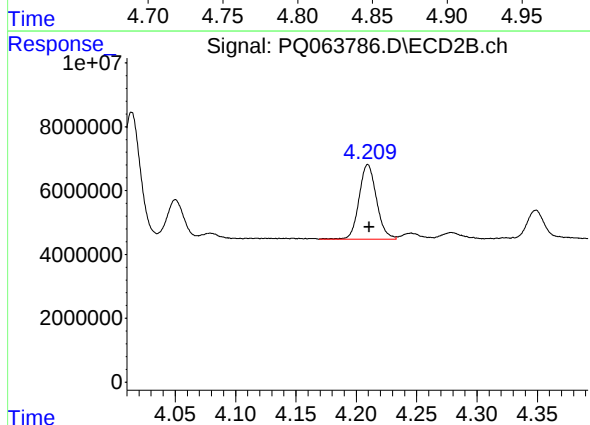
R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 12257581
Conc: 337.52 ng/ml



#15 AR-1232-5

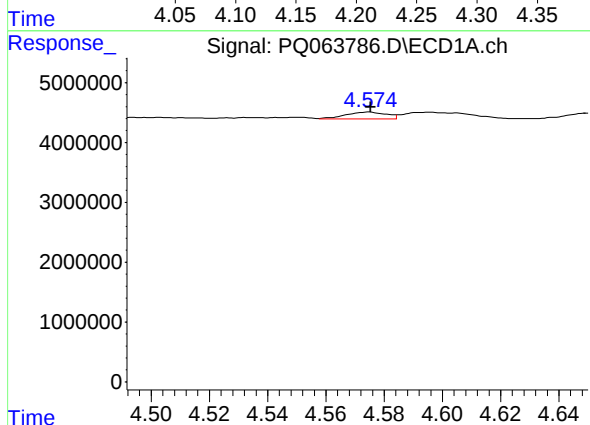
R.T.: 4.843 min
Delta R.T.: -0.001 min
Response: 42822507
Conc: 1280.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



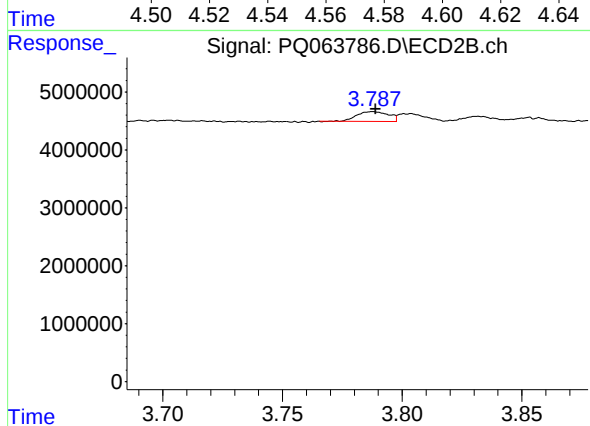
#15 AR-1232-5

R.T.: 4.210 min
Delta R.T.: -0.001 min
Response: 23448183
Conc: 558.06 ng/ml



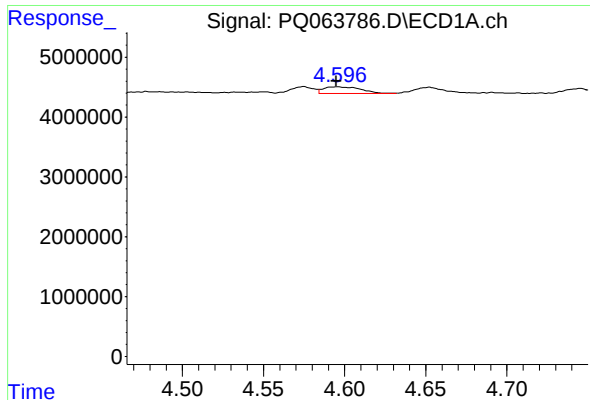
#16 AR-1242-1

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 1095342
Conc: 9.72 ng/ml



#16 AR-1242-1

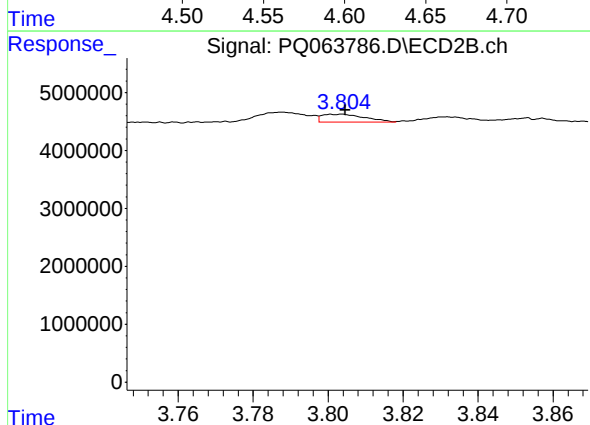
R.T.: 3.788 min
Delta R.T.: -0.001 min
Response: 1529019
Conc: 14.86 ng/ml



#17 AR-1242-2

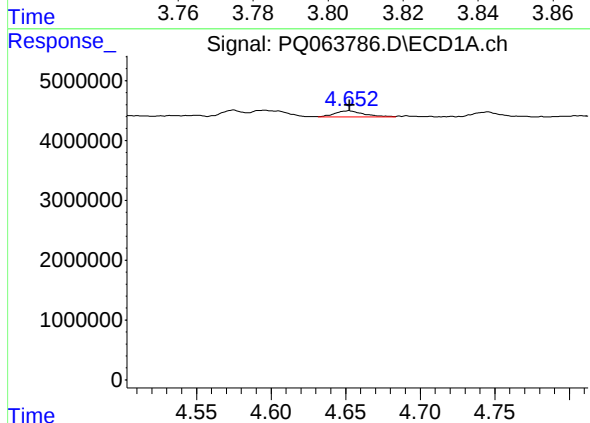
R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 1770790
Conc: 10.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



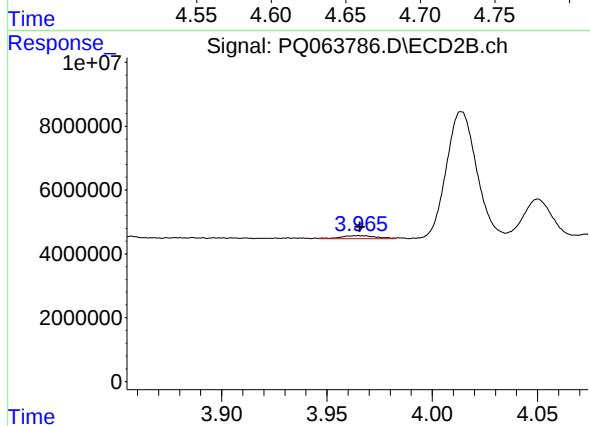
#17 AR-1242-2

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 1078807
Conc: 7.31 ng/ml



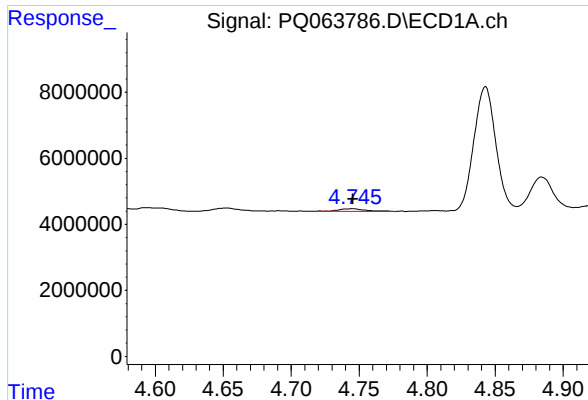
#18 AR-1242-3

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 1378328
Conc: 13.06 ng/ml



#18 AR-1242-3

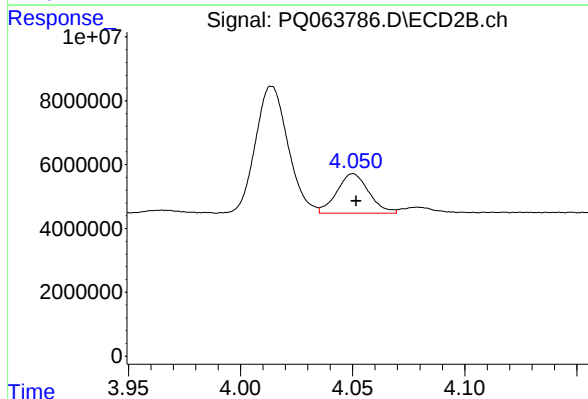
R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 1003564
Conc: 12.61 ng/ml



#19 AR-1242-4

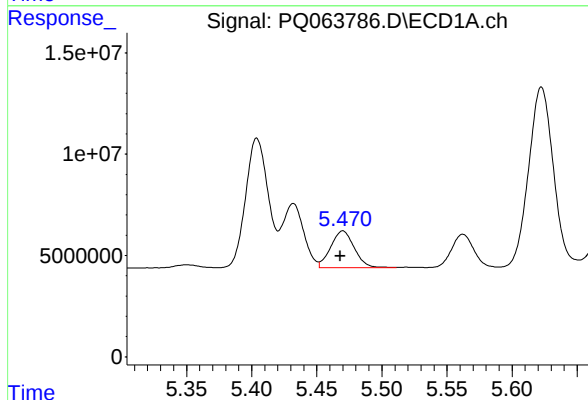
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 988657
Conc: 11.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



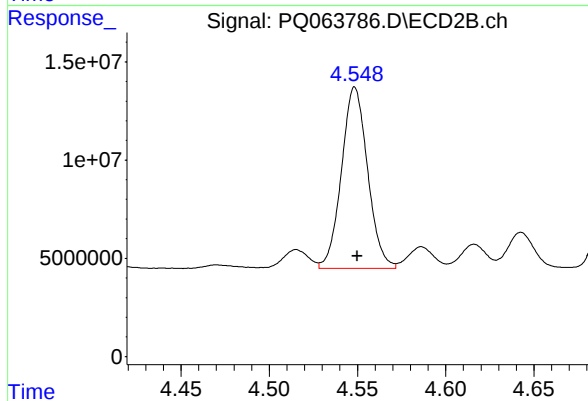
#19 AR-1242-4

R.T.: 4.050 min
Delta R.T.: -0.001 min
Response: 12257581
Conc: 161.53 ng/ml



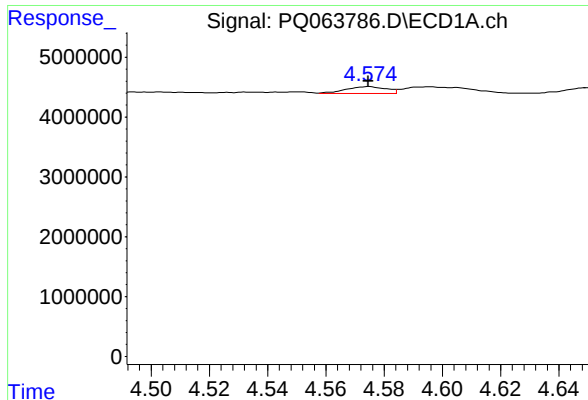
#20 AR-1242-5

R.T.: 5.470 min
Delta R.T.: 0.002 min
Response: 22982993
Conc: 259.92 ng/ml



#20 AR-1242-5

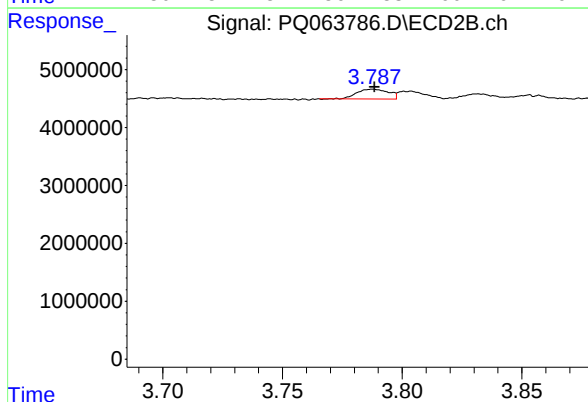
R.T.: 4.548 min
Delta R.T.: -0.001 min
Response: 95049548
Conc: 944.88 ng/ml



#21 AR-1248-1

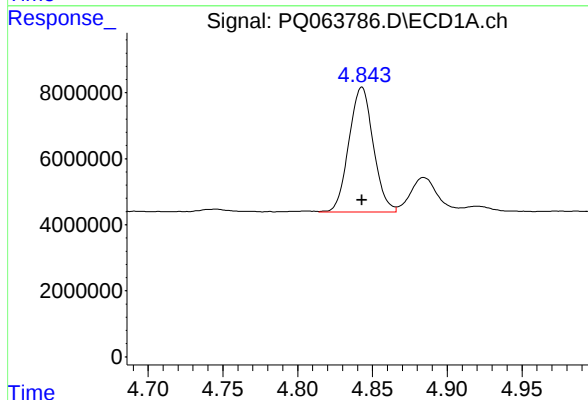
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 1095342
Conc: 13.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



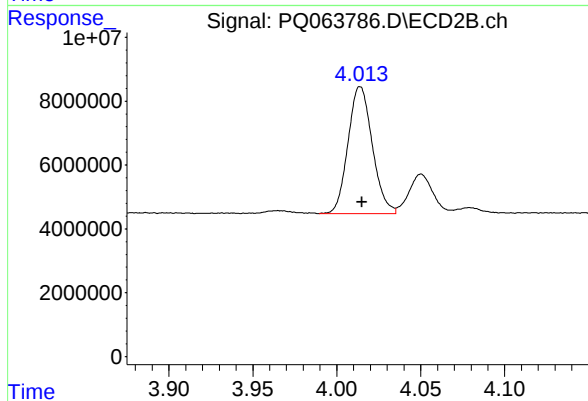
#21 AR-1248-1

R.T.: 3.788 min
Delta R.T.: 0.000 min
Response: 1529019
Conc: 19.61 ng/ml



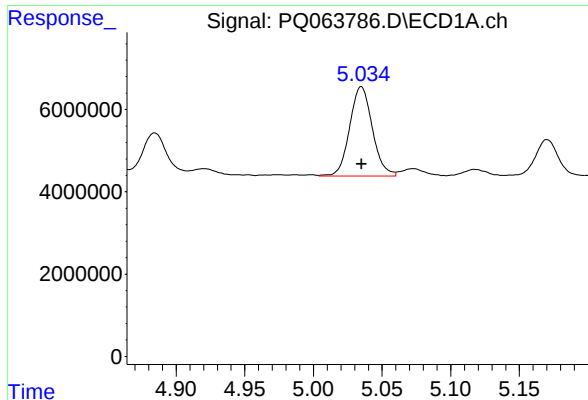
#22 AR-1248-2

R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 42822507
Conc: 352.82 ng/ml



#22 AR-1248-2

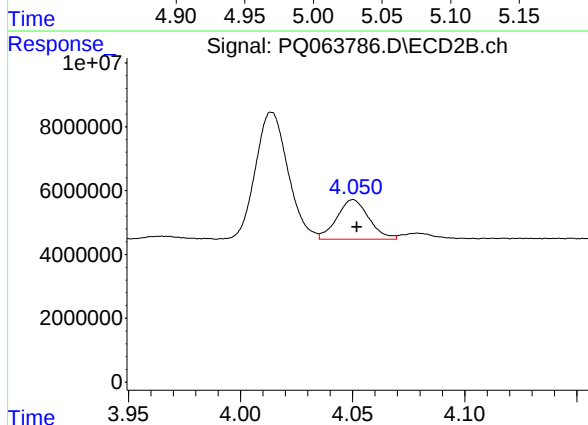
R.T.: 4.014 min
Delta R.T.: -0.001 min
Response: 40085598
Conc: 338.15 ng/ml



#23 AR-1248-3

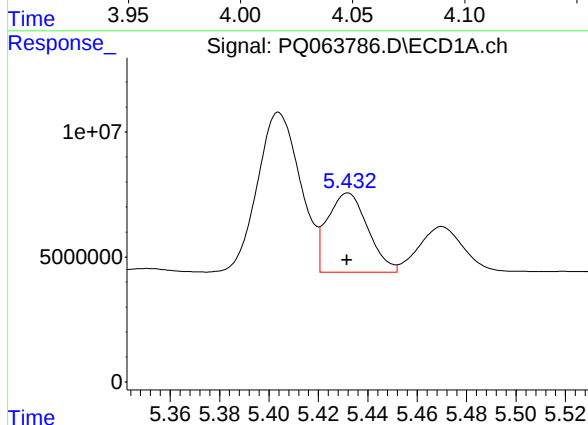
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 24870171
Conc: 171.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



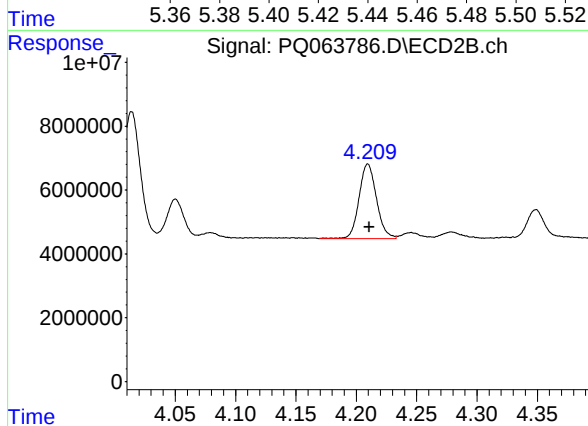
#23 AR-1248-3

R.T.: 4.050 min
Delta R.T.: -0.002 min
Response: 12257581
Conc: 108.80 ng/ml



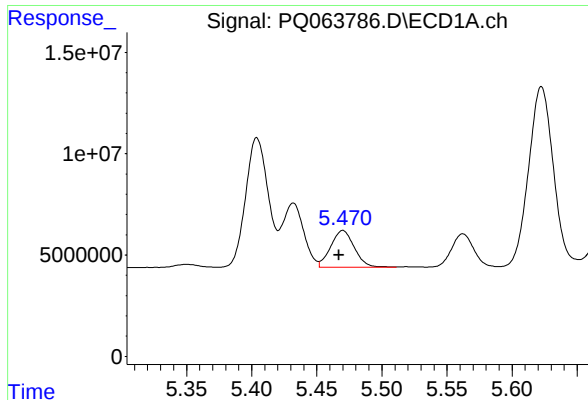
#24 AR-1248-4

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 35893902
Conc: 231.61 ng/ml



#24 AR-1248-4

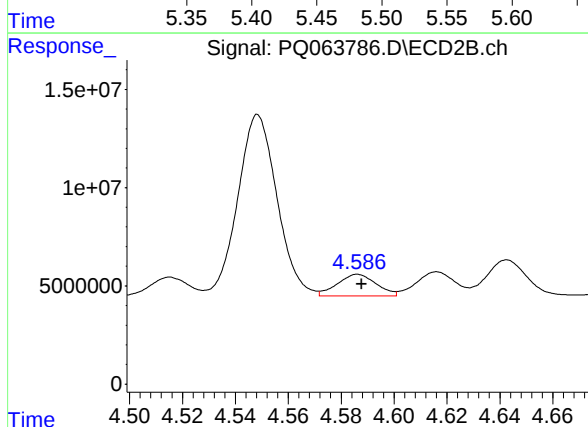
R.T.: 4.210 min
Delta R.T.: -0.001 min
Response: 23448183
Conc: 170.34 ng/ml



#25 AR-1248-5

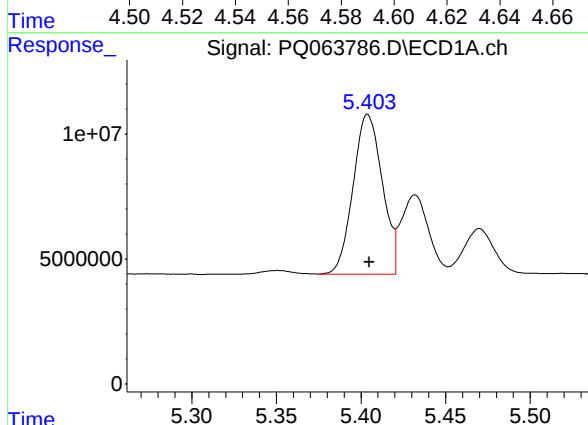
R.T.: 5.470 min
Delta R.T.: 0.003 min
Response: 22982993
Conc: 150.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



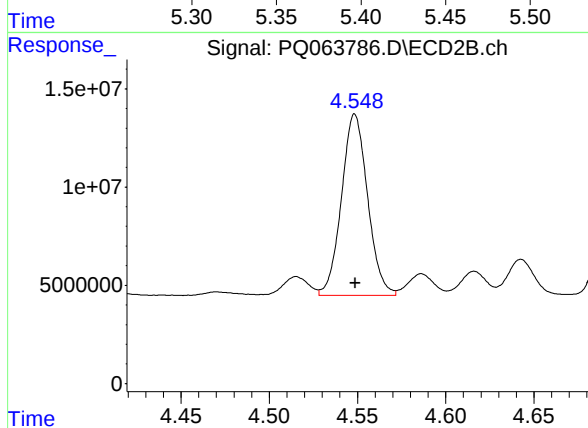
#25 AR-1248-5

R.T.: 4.586 min
Delta R.T.: -0.002 min
Response: 11091045
Conc: 82.60 ng/ml



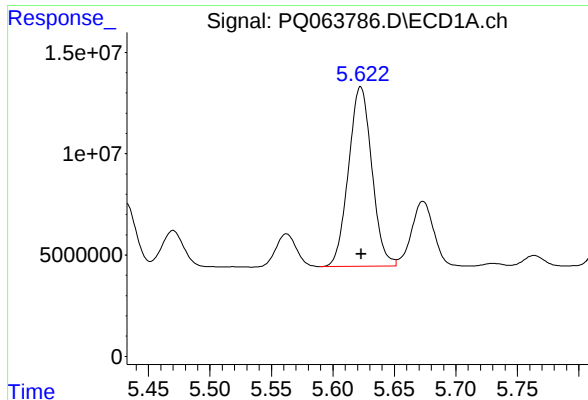
#26 AR-1254-1

R.T.: 5.404 min
Delta R.T.: -0.001 min
Response: 77019806
Conc: 490.73 ng/ml



#26 AR-1254-1

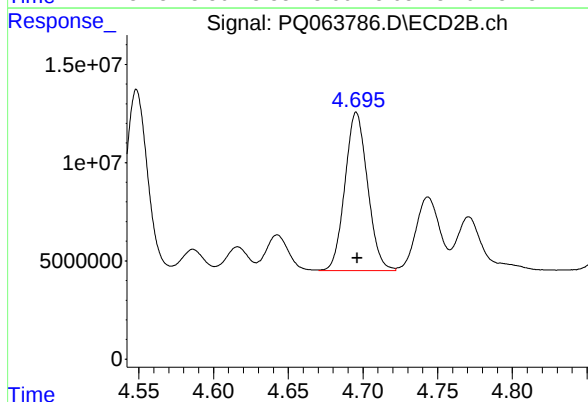
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 95049548
Conc: 489.03 ng/ml



#27 AR-1254-2

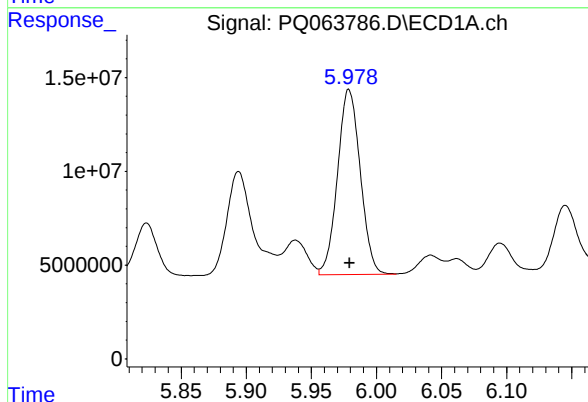
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 116948256
Conc: 493.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



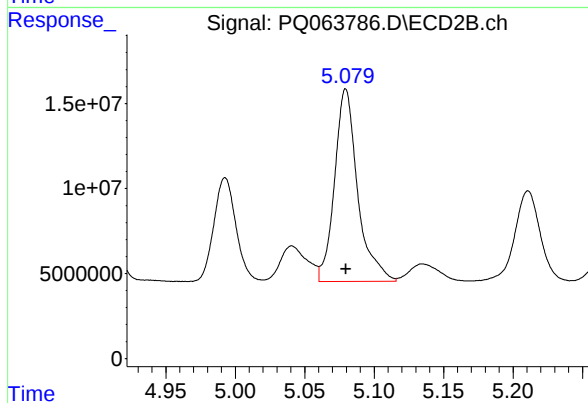
#27 AR-1254-2

R.T.: 4.696 min
Delta R.T.: 0.000 min
Response: 84958713
Conc: 487.70 ng/ml



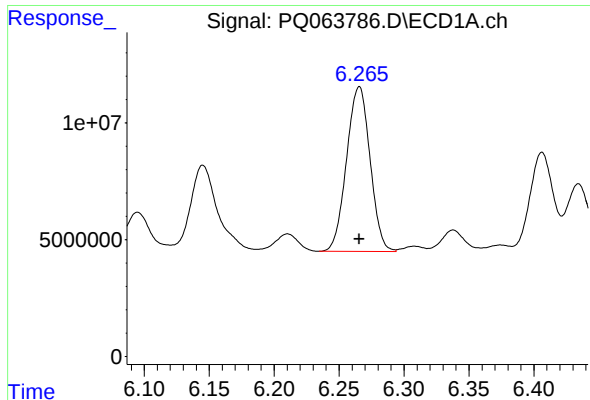
#28 AR-1254-3

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 120203774
Conc: 484.81 ng/ml



#28 AR-1254-3

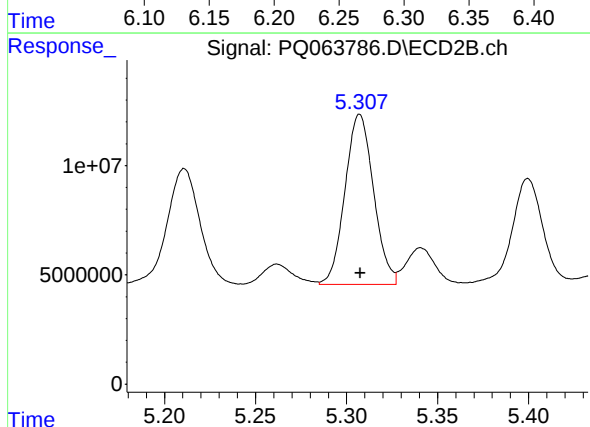
R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 131015815
Conc: 489.47 ng/ml



#29 AR-1254-4

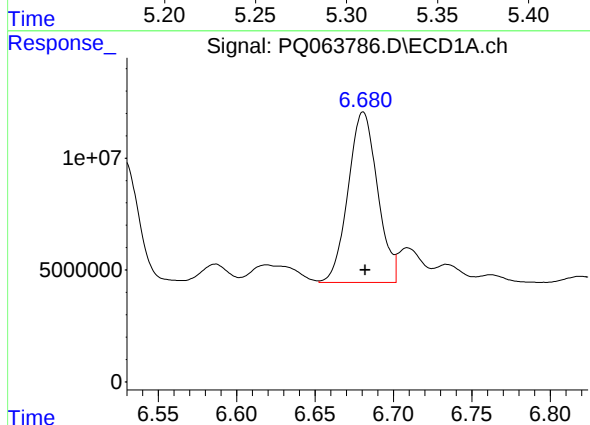
R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 88860454
Conc: 490.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



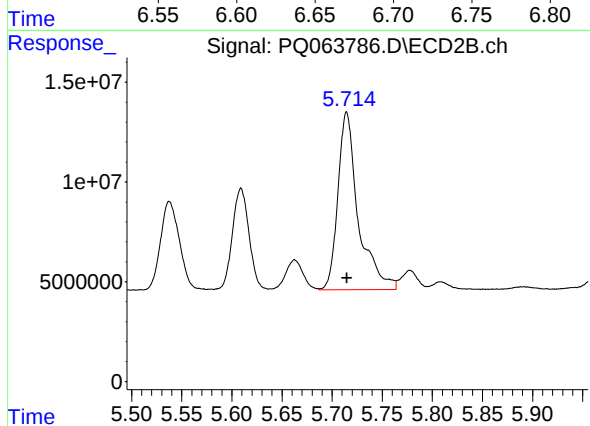
#29 AR-1254-4

R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 85157877
Conc: 485.42 ng/ml



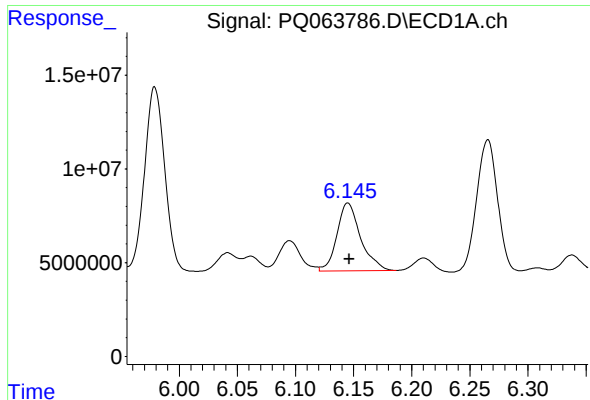
#30 AR-1254-5

R.T.: 6.681 min
Delta R.T.: -0.001 min
Response: 99512651
Conc: 498.91 ng/ml



#30 AR-1254-5

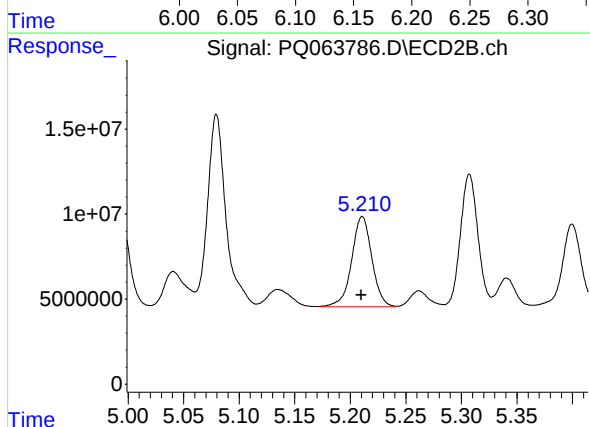
R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 125859056
Conc: 493.68 ng/ml



#31 AR-1260-1

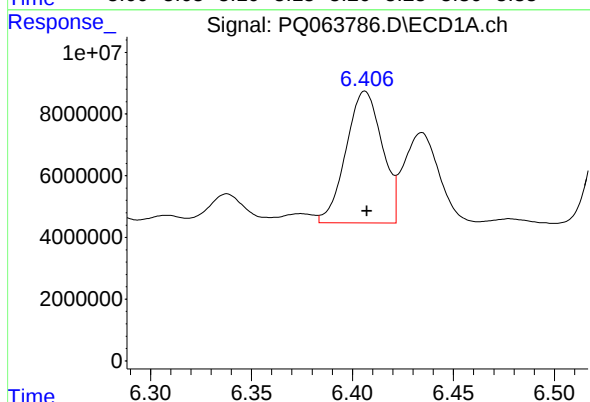
R.T.: 6.145 min
Delta R.T.: -0.001 min
Response: 51101128
Conc: 249.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



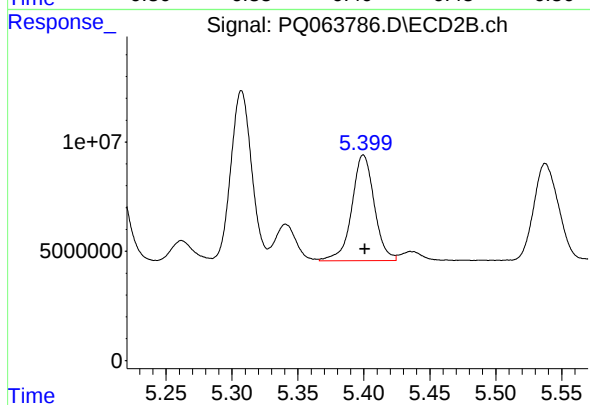
#31 AR-1260-1

R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 67181782
Conc: 339.65 ng/ml



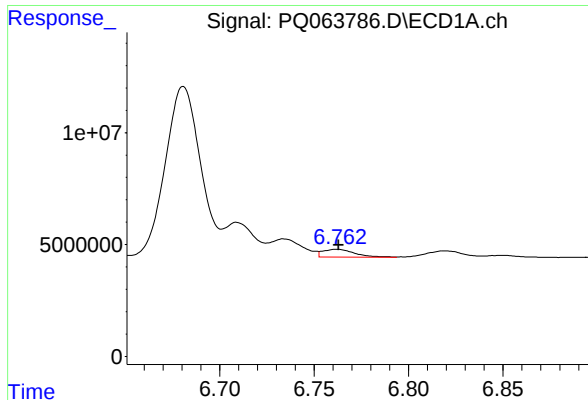
#32 AR-1260-2

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 53334609
Conc: 220.79 ng/ml



#32 AR-1260-2

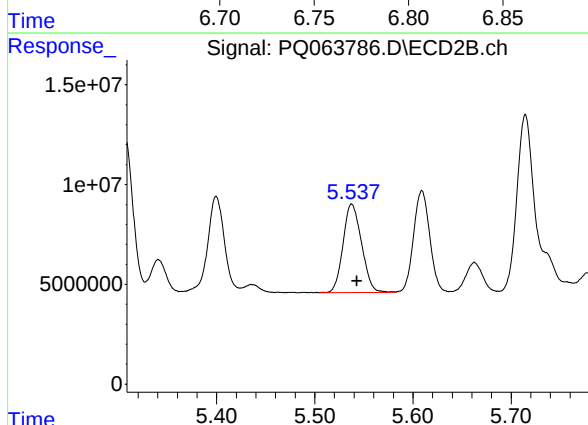
R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 57451893
Conc: 240.65 ng/ml



#33 AR-1260-3

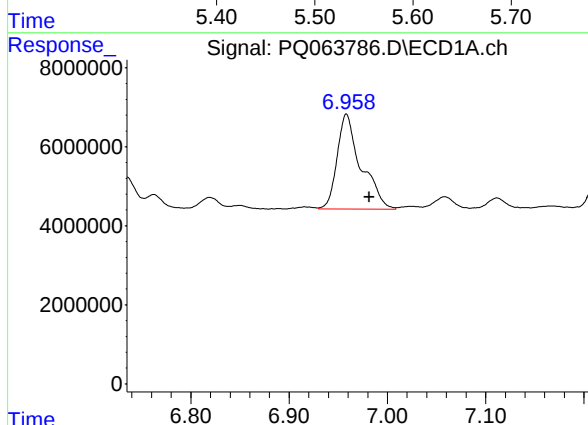
R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 4077999
Conc: 25.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



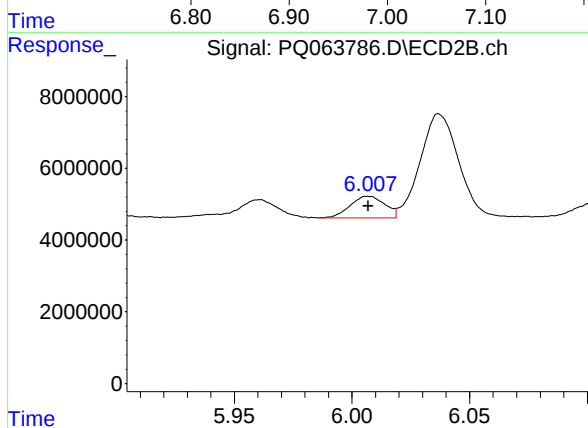
#33 AR-1260-3

R.T.: 5.538 min
Delta R.T.: -0.005 min
Response: 58345448
Conc: 258.31 ng/ml



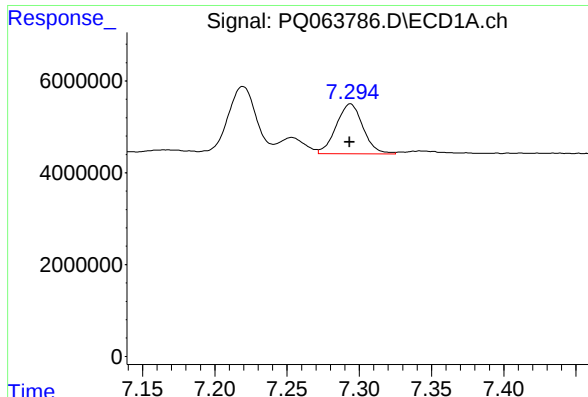
#34 AR-1260-4

R.T.: 6.958 min
Delta R.T.: -0.023 min
Response: 40526594
Conc: 219.67 ng/ml



#34 AR-1260-4

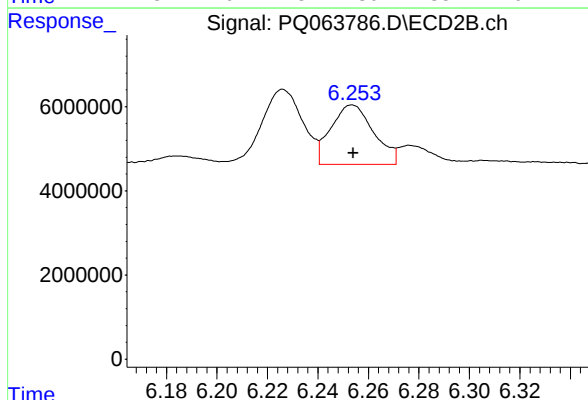
R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 6156894
Conc: 35.78 ng/ml



#35 AR-1260-5

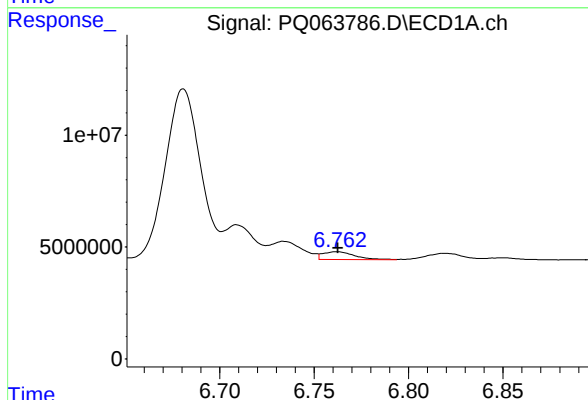
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 14041980
Conc: 39.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



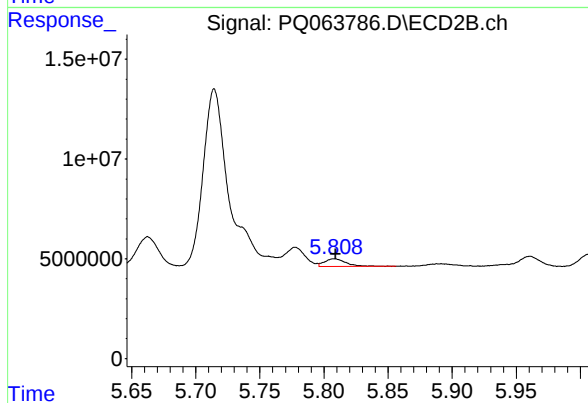
#35 AR-1260-5

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 16668636
Conc: 41.77 ng/ml



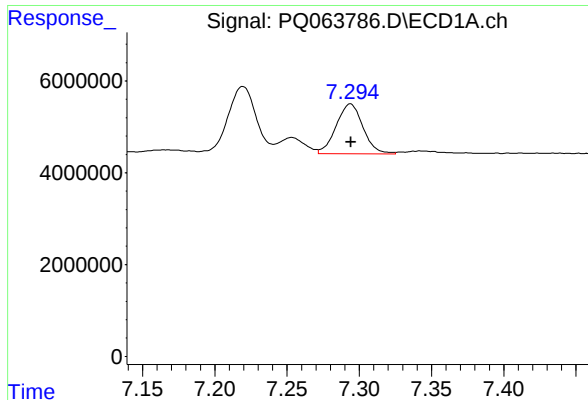
#36 AR-1262-1

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 4077999
Conc: 15.60 ng/ml



#36 AR-1262-1

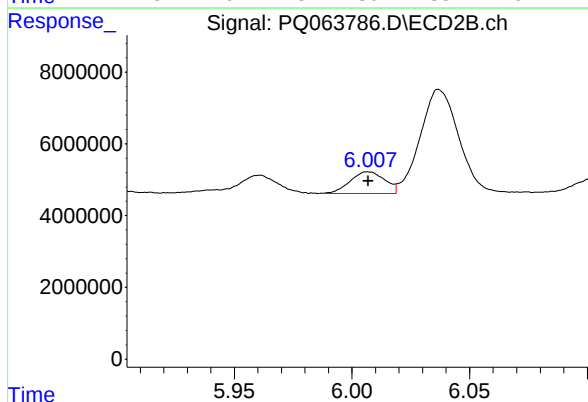
R.T.: 5.808 min
Delta R.T.: -0.001 min
Response: 4559895
Conc: 41.65 ng/ml



#37 AR-1262-2

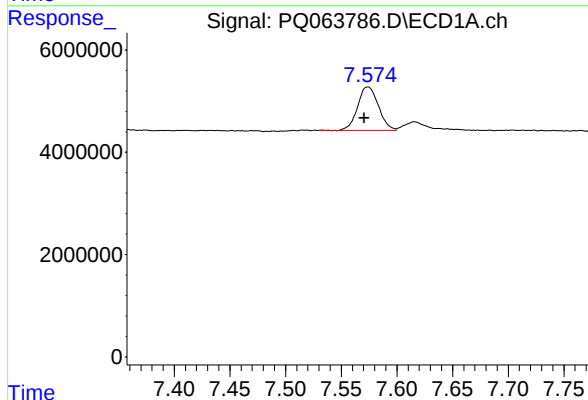
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 14041980
Conc: 33.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



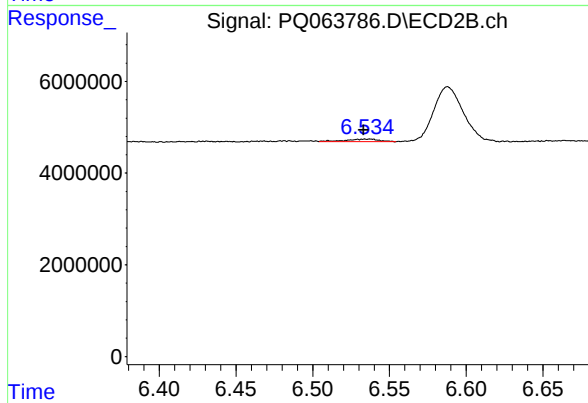
#37 AR-1262-2

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 6156894
Conc: 24.92 ng/ml



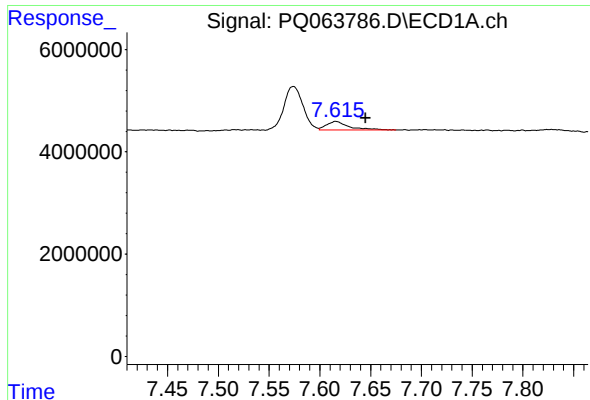
#38 AR-1262-3

R.T.: 7.574 min
Delta R.T.: 0.003 min
Response: 11036235
Conc: 38.52 ng/ml



#38 AR-1262-3

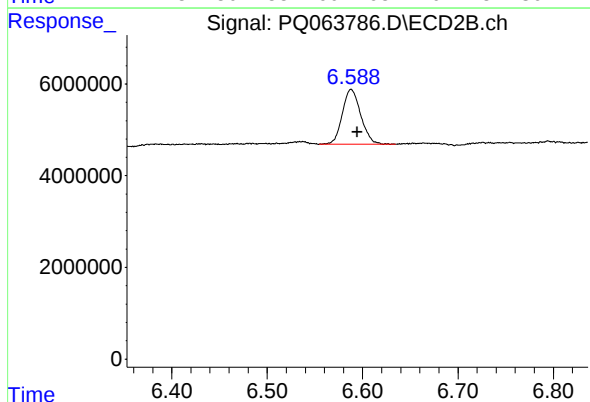
R.T.: 6.537 min
Delta R.T.: 0.004 min
Response: 800378
Conc: 3.95 ng/ml



#39 AR-1262-4

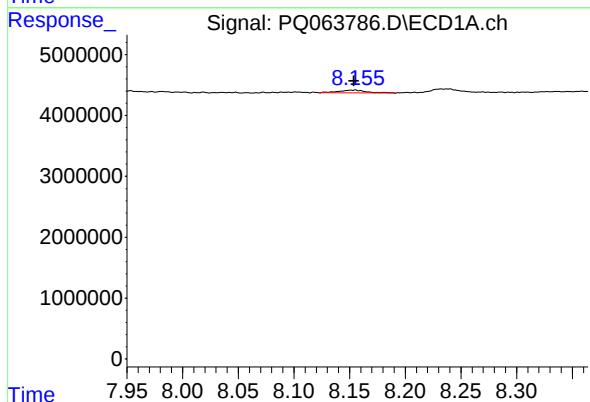
R.T.: 7.616 min
Delta R.T.: -0.029 min
Response: 2653267
Conc: 11.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



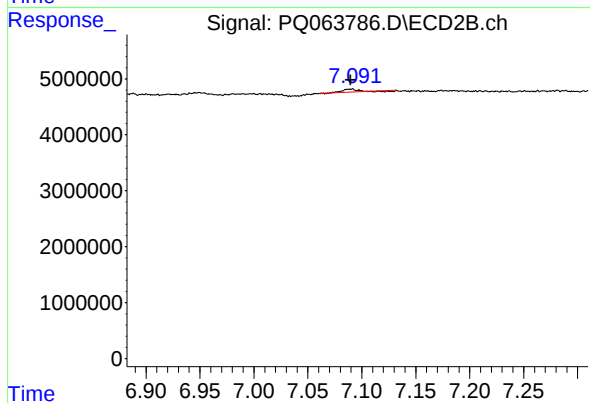
#39 AR-1262-4

R.T.: 6.588 min
Delta R.T.: -0.006 min
Response: 16047439
Conc: 43.06 ng/ml



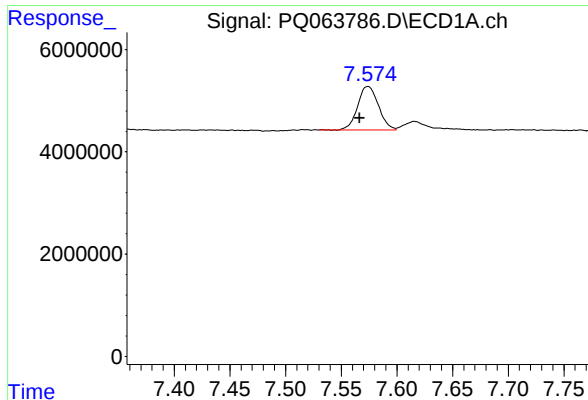
#40 AR-1262-5

R.T.: 8.155 min
Delta R.T.: 0.001 min
Response: 804573
Conc: 5.65 ng/ml



#40 AR-1262-5

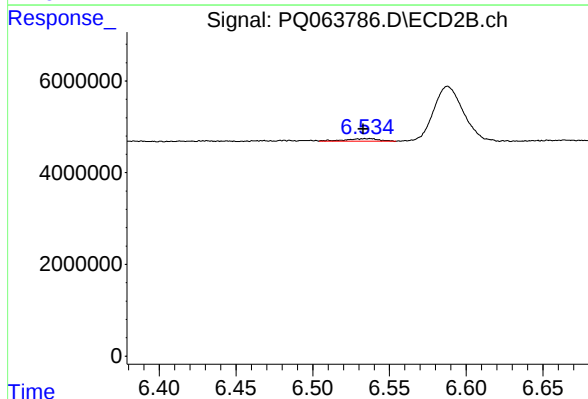
R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 430518
Conc: 2.38 ng/ml



#41 AR-1268-1

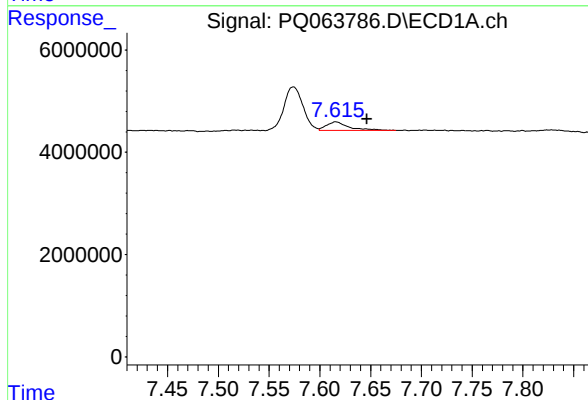
R.T.: 7.574 min
Delta R.T.: 0.007 min
Response: 11036235
Conc: 22.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



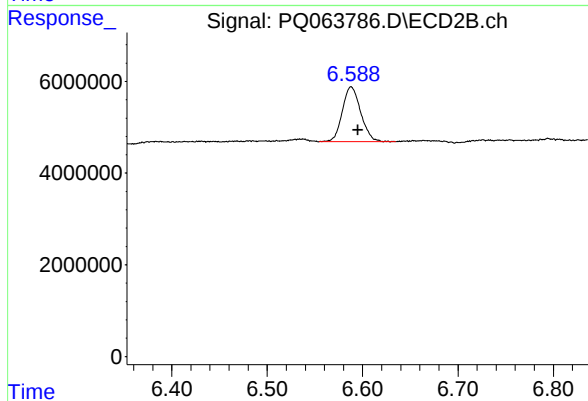
#41 AR-1268-1

R.T.: 6.537 min
Delta R.T.: 0.004 min
Response: 800378
Conc: 1.39 ng/ml



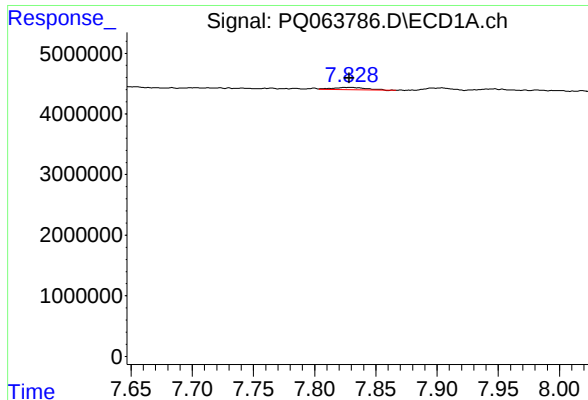
#42 AR-1268-2

R.T.: 7.616 min
Delta R.T.: -0.030 min
Response: 2653267
Conc: 5.92 ng/ml



#42 AR-1268-2

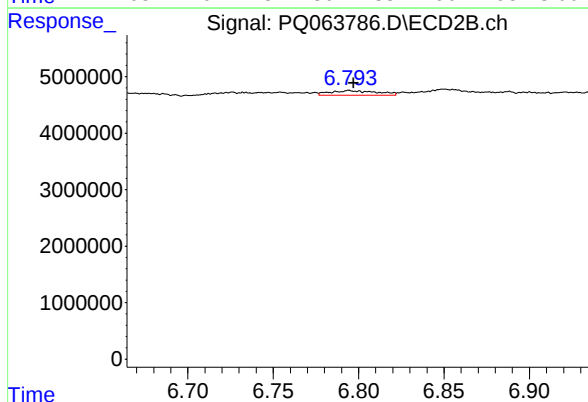
R.T.: 6.588 min
Delta R.T.: -0.007 min
Response: 16047439
Conc: 30.91 ng/ml



#43 AR-1268-3

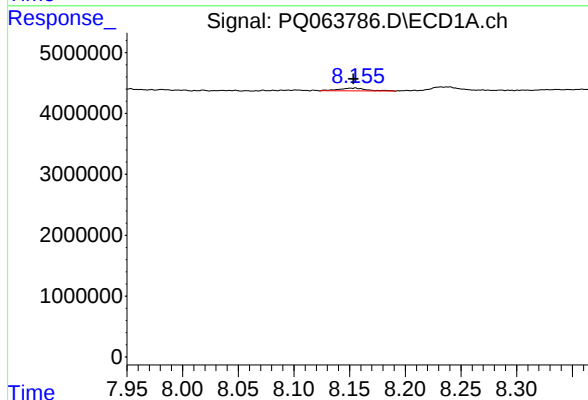
R.T.: 7.829 min
Delta R.T.: 0.000 min
Response: 781583
Conc: 2.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



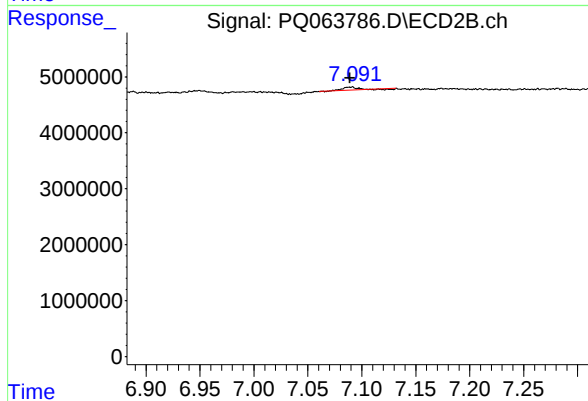
#43 AR-1268-3

R.T.: 6.794 min
Delta R.T.: -0.003 min
Response: 1564372
Conc: 3.37 ng/ml



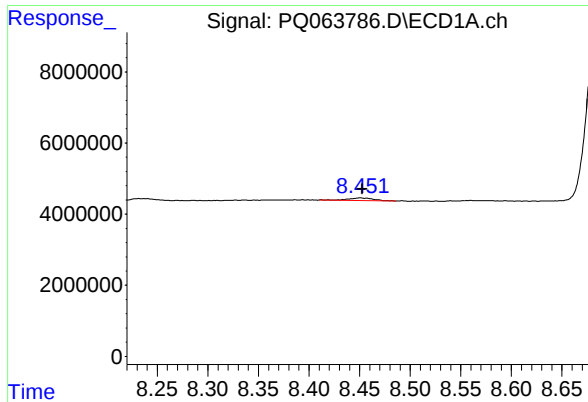
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.001 min
Response: 804573
Conc: 5.15 ng/ml



#44 AR-1268-4

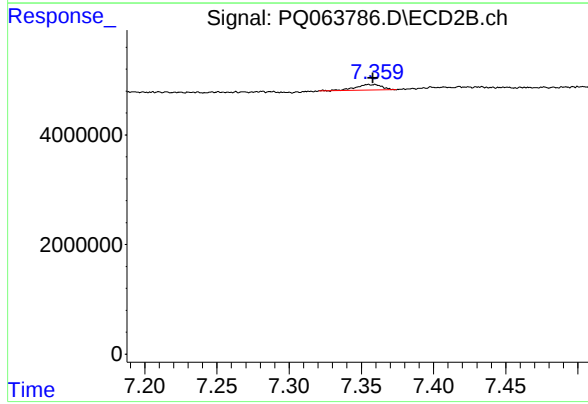
R.T.: 7.091 min
Delta R.T.: 0.001 min
Response: 430518
Conc: 2.20 ng/ml



#45 AR-1268-5

R.T.: 8.451 min
Delta R.T.: -0.002 min
Response: 1239792
Conc: 1.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 1310331
Conc: 0.86 ng/ml