

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
 Data File : PQ063163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2023 23:06
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 01:57:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 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...	3.454	2.783	247.6E6	197.5E6	46.087	47.899
2)	SA Decachlor...	8.686	7.590	198.8E6	216.3E6	51.357	50.003
Target Compounds							
3)	L1 AR-1016-1	4.565	3.794	90793886	79203789	466.630	496.993
4)	L1 AR-1016-2	4.585	3.810	131.7E6	106.4E6	474.562	497.991
5)	L1 AR-1016-3	4.644	3.971	80927710	61368233	473.251	513.297
6)	L1 AR-1016-4	4.736	4.021	67623196	48493942	480.520	499.802
7)	L1 AR-1016-5	5.026	4.218	67711521	65044793	492.112	516.886
8)	L2 AR-1221-1	3.651	2.986	10450783	10018755	153.584	182.584
9)	L2 AR-1221-2	3.735	3.064	12699331	10844157	266.171	287.499
10)	L2 AR-1221-3	3.806	3.133	50186802	40298090	325.193	334.913
11)	L3 AR-1232-1	3.806	3.133	50186802	40298090	388.440	413.588
12)	L3 AR-1232-2	4.305	3.810	69095308	106.4E6	990.698	1093.903
13)	L3 AR-1232-3	4.585	3.971	131.7E6	61368233	1077.649	1155.772
14)	L3 AR-1232-4	4.736	4.058	67623196	54942988	1120.722	1197.063
15)	L3 AR-1232-5	4.834	4.218	53139935	65044793	1217.508	1199.586
16)	L4 AR-1242-1	4.565	3.794	90793886	79203789	537.950	548.434
17)	L4 AR-1242-2	4.585	3.810	131.7E6	106.4E6	546.025	560.102
18)	L4 AR-1242-3	4.644	3.971	80927710	61368233	552.477	568.597
19)	L4 AR-1242-4	4.736	4.058	67623196	54942988	546.502	551.476
20)	L4 AR-1242-5	5.459	4.557	16724571	65207309	126.550	482.284 #
21)	L5 AR-1248-1	4.565	3.794	90793886	79203789	681.890	709.023
22)	L5 AR-1248-2	4.834	4.021	53139935	48493942	304.086	307.087
23)	L5 AR-1248-3	5.026	4.058	67711521	54942988	320.191	360.283
24)	L5 AR-1248-4	5.423	4.218	24049329	65044793	100.937	342.050 #
25)	L5 AR-1248-5	5.459	4.595	16724571	19155449	71.970	99.041 #
26)	L6 AR-1254-1	5.395	4.557	62395923	65207309	284.906	243.028
27)	L6 AR-1254-2	5.615	4.704	55373554	48765005	163.515	207.763 #
28)	L6 AR-1254-3	5.969	5.090	29639431	23617224	82.673	62.451
29)	L6 AR-1254-4	6.254	5.317	23771465	9018176	87.737	36.914 #
30)	L6 AR-1254-5	6.670	5.724	178.4E6	194.5E6	645.476	563.619
31)	L7 AR-1260-1	6.136	5.219	136.2E6	135.5E6	532.651	542.934
32)	L7 AR-1260-2	6.398	5.410	162.6E6	166.7E6	535.643	541.178
33)	L7 AR-1260-3	6.754	5.553	114.4E6	158.7E6	542.714	512.290
34)	L7 AR-1260-4	6.972	6.018	128.2E6	134.2E6	534.998	547.401
35)	L7 AR-1260-5	7.285	6.265	253.2E6	299.9E6	539.704	548.805
36)	L8 AR-1262-1	6.754	5.819	114.4E6	69271035	354.256	485.143 #
37)	L8 AR-1262-2	7.285	6.018	253.2E6	134.2E6	466.583	429.542
38)	L8 AR-1262-3	7.563	6.544	159.9E6	71420676	442.615	283.315 #
39)	L8 AR-1262-4	7.634	6.603	51791249	223.7E6	184.778	478.586 #
40)	L8 AR-1262-5	8.143	7.101	65263568	78475930	347.227	357.146
41)	L9 AR-1268-1	7.563	6.544	159.9E6	71420676	247.218	95.702 #

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 Acq On : 23 Aug 2023 23:06
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

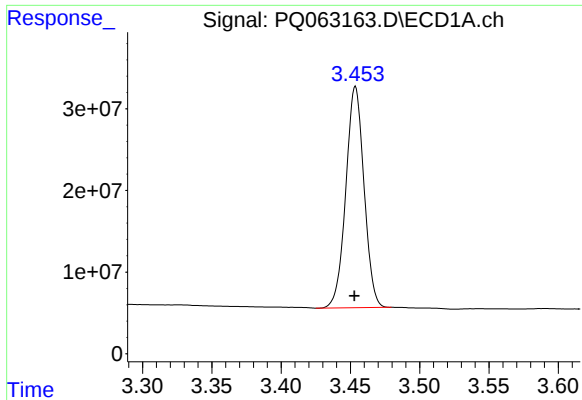
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 01:57:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 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	6.603	51791249	223.7E6	86.365	325.853 #
43) L9	AR-1268-3	7.819	6.809	4107528	6513208	8.343	11.097 #
44) L9	AR-1268-4	8.143	7.101	65263568	78475930	304.206	308.187
45) L9	AR-1268-5	8.445	7.371	17598929	22539687	11.419	12.724

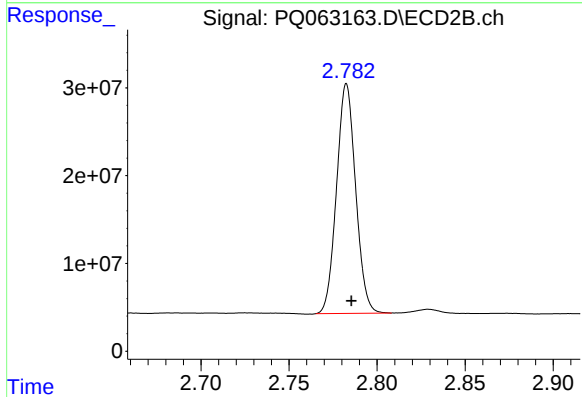
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

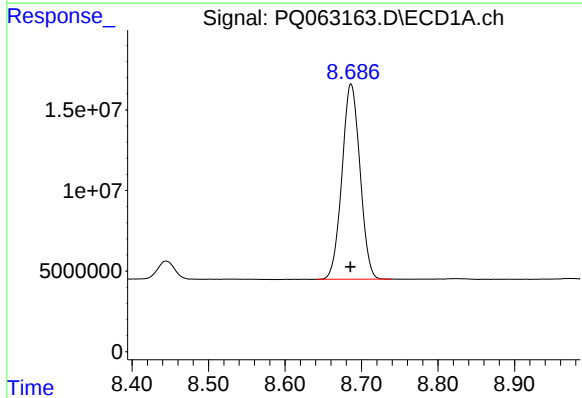
R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 247644571
Conc: 46.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



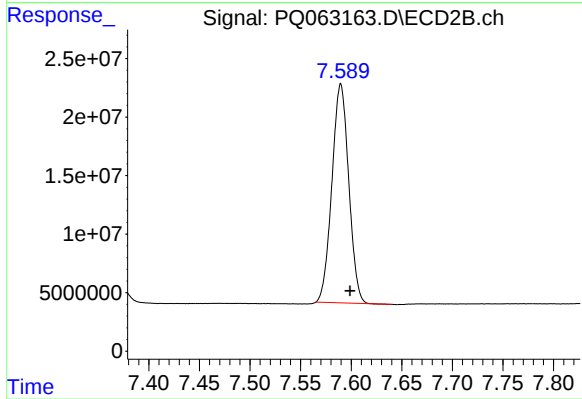
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.003 min
Response: 197548711
Conc: 47.90 ng/ml



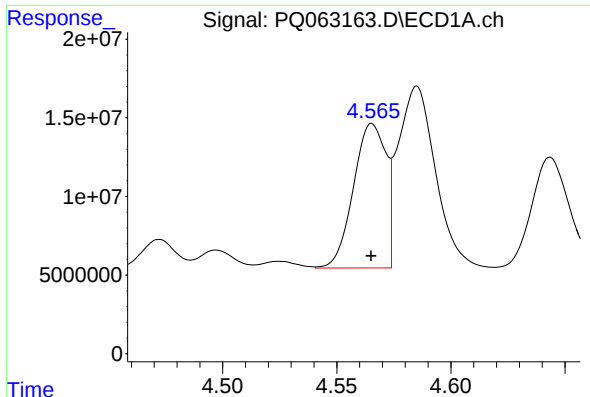
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 198843273
Conc: 51.36 ng/ml



#2 Decachlorobiphenyl

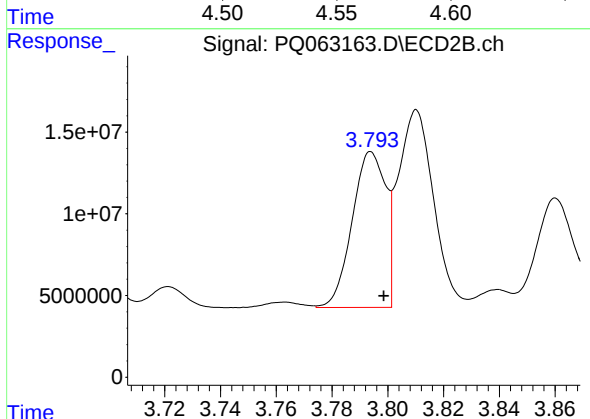
R.T.: 7.590 min
Delta R.T.: -0.009 min
Response: 216282847
Conc: 50.00 ng/ml



#3 AR-1016-1

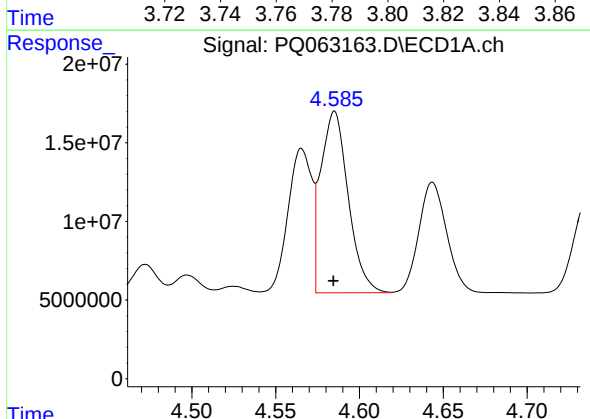
R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 90793886
Conc: 466.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



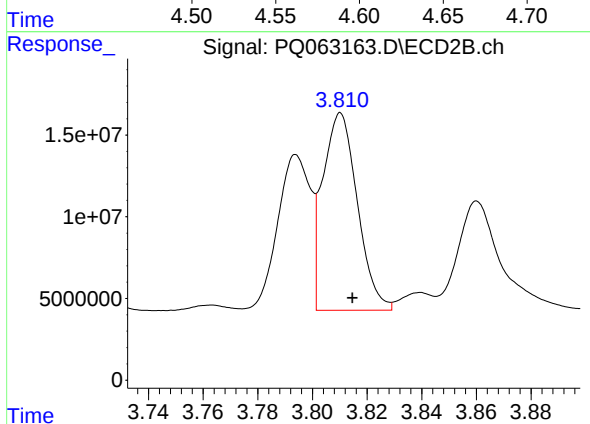
#3 AR-1016-1

R.T.: 3.794 min
Delta R.T.: -0.005 min
Response: 79203789
Conc: 496.99 ng/ml



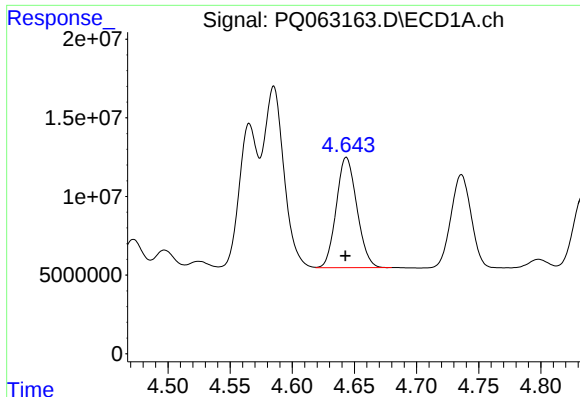
#4 AR-1016-2

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 131679811
Conc: 474.56 ng/ml



#4 AR-1016-2

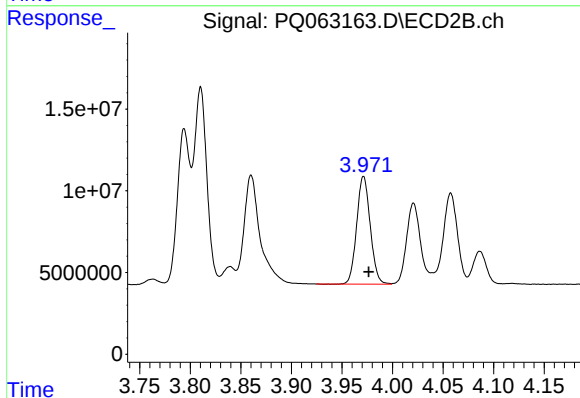
R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 106407112
Conc: 497.99 ng/ml



#5 AR-1016-3

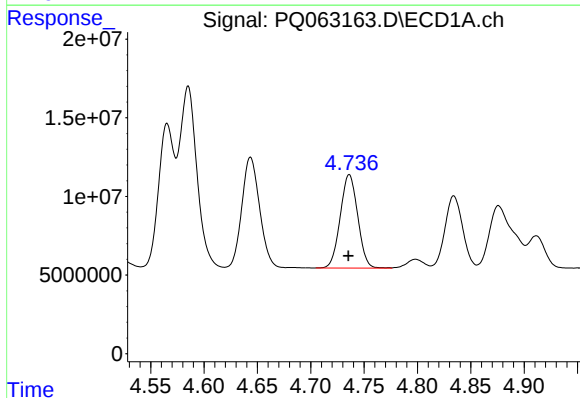
R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 80927710
Conc: 473.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



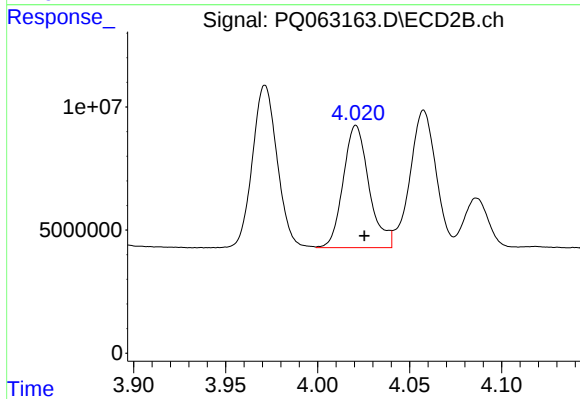
#5 AR-1016-3

R.T.: 3.971 min
Delta R.T.: -0.005 min
Response: 61368233
Conc: 513.30 ng/ml



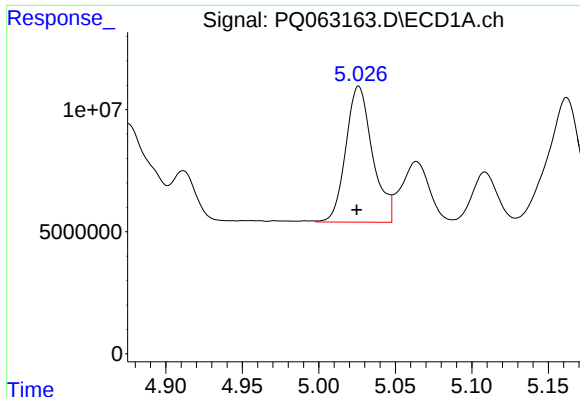
#6 AR-1016-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 67623196
Conc: 480.52 ng/ml



#6 AR-1016-4

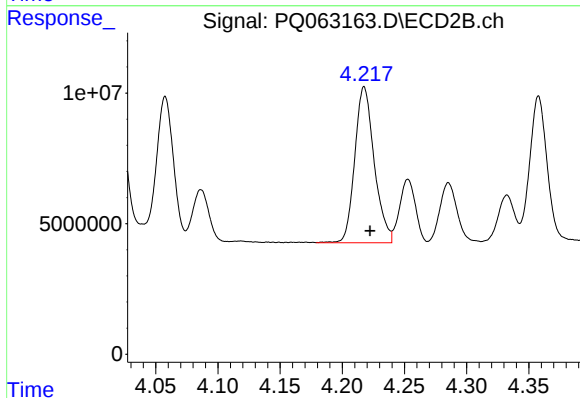
R.T.: 4.021 min
Delta R.T.: -0.005 min
Response: 48493942
Conc: 499.80 ng/ml



#7 AR-1016-5

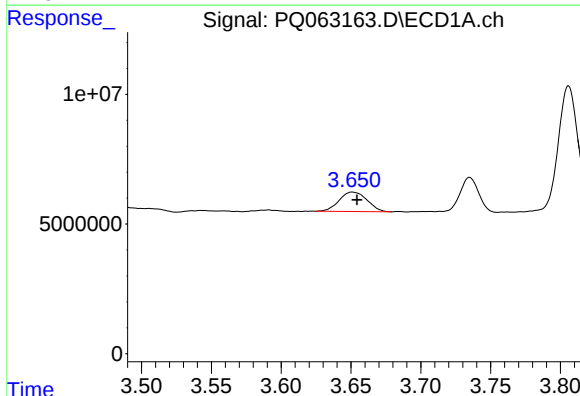
R.T.: 5.026 min
Delta R.T.: 0.001 min
Response: 67711521
Conc: 492.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



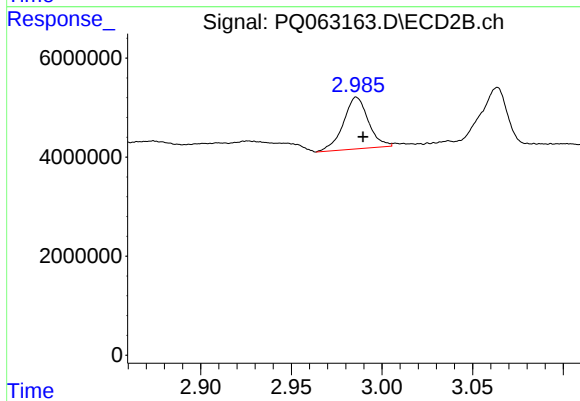
#7 AR-1016-5

R.T.: 4.218 min
Delta R.T.: -0.005 min
Response: 65044793
Conc: 516.89 ng/ml



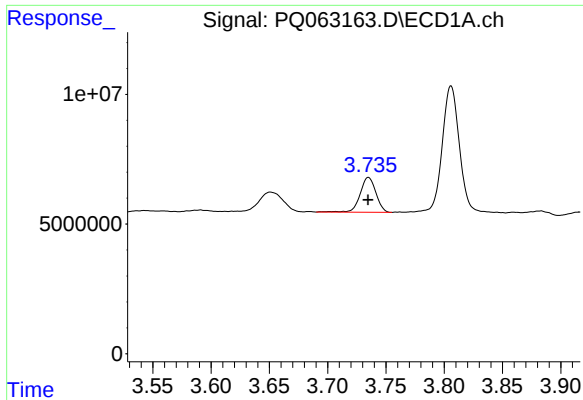
#8 AR-1221-1

R.T.: 3.651 min
Delta R.T.: -0.003 min
Response: 10450783
Conc: 153.58 ng/ml



#8 AR-1221-1

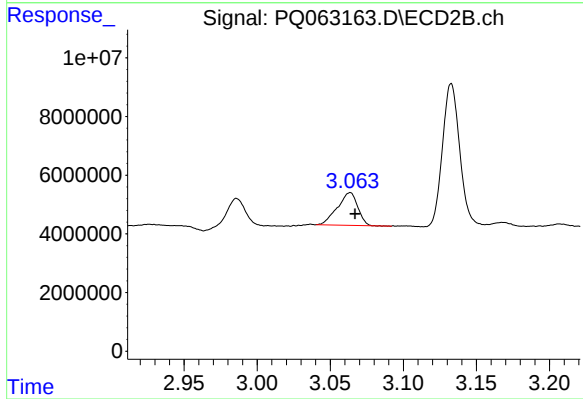
R.T.: 2.986 min
Delta R.T.: -0.004 min
Response: 10018755
Conc: 182.58 ng/ml



#9 AR-1221-2

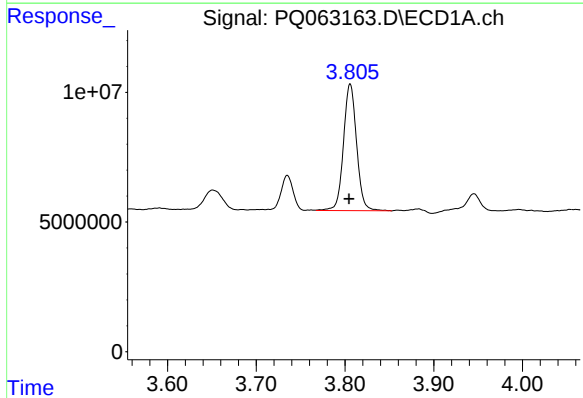
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 12699331
Conc: 266.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



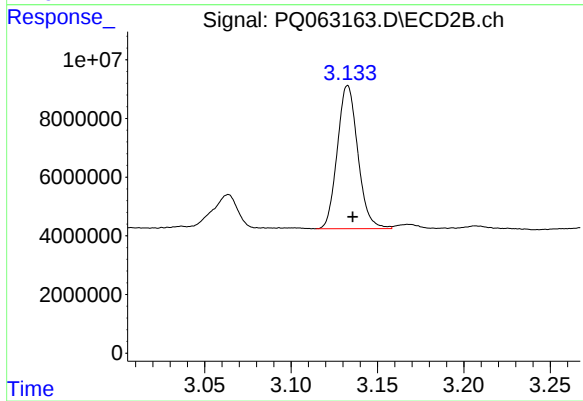
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.003 min
Response: 10844157
Conc: 287.50 ng/ml



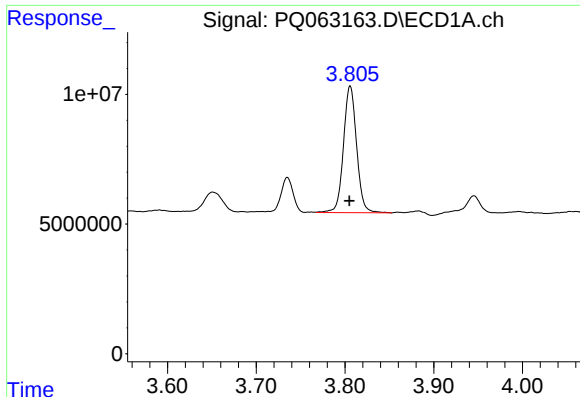
#10 AR-1221-3

R.T.: 3.806 min
Delta R.T.: 0.001 min
Response: 50186802
Conc: 325.19 ng/ml



#10 AR-1221-3

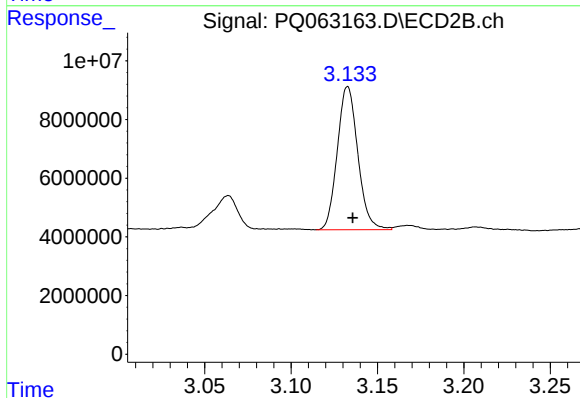
R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 40298090
Conc: 334.91 ng/ml



#11 AR-1232-1

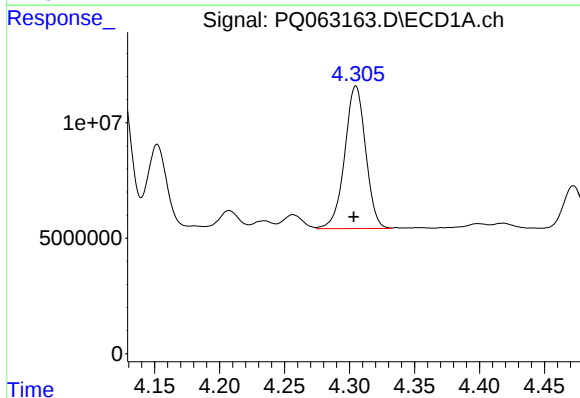
R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 50186802
Conc: 388.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



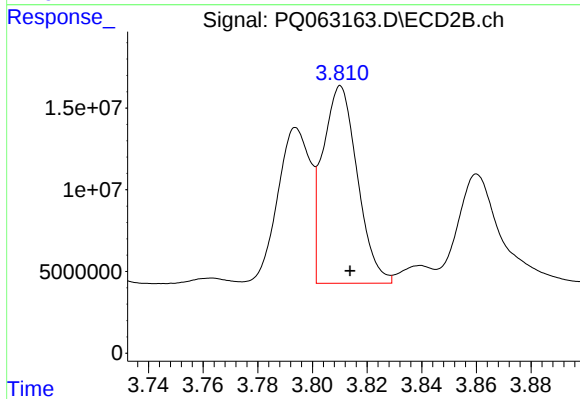
#11 AR-1232-1

R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 40298090
Conc: 413.59 ng/ml



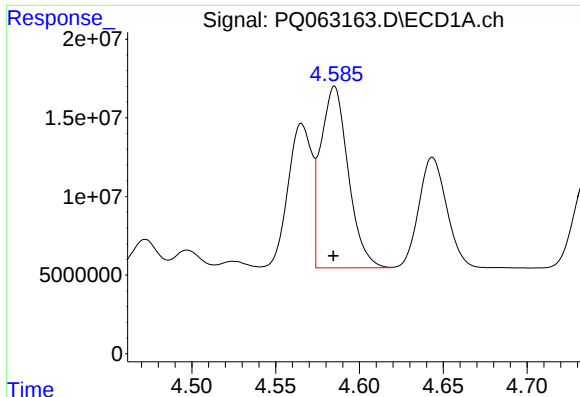
#12 AR-1232-2

R.T.: 4.305 min
Delta R.T.: 0.001 min
Response: 69095308
Conc: 990.70 ng/ml



#12 AR-1232-2

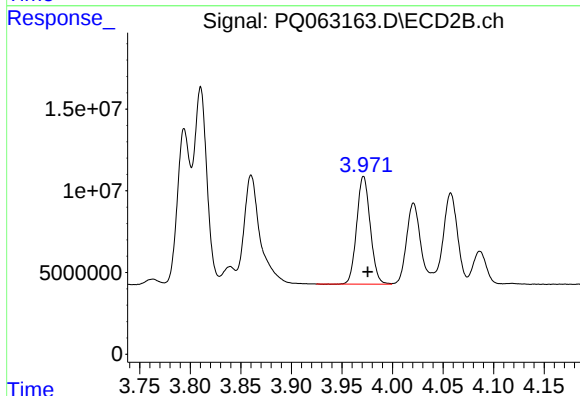
R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 106407112
Conc: 1093.90 ng/ml



#13 AR-1232-3

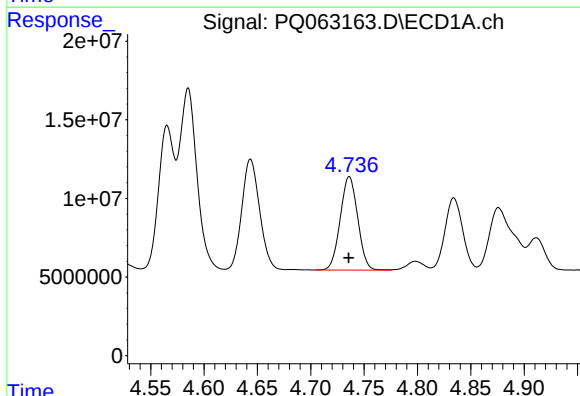
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 131679811
Conc: 1077.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



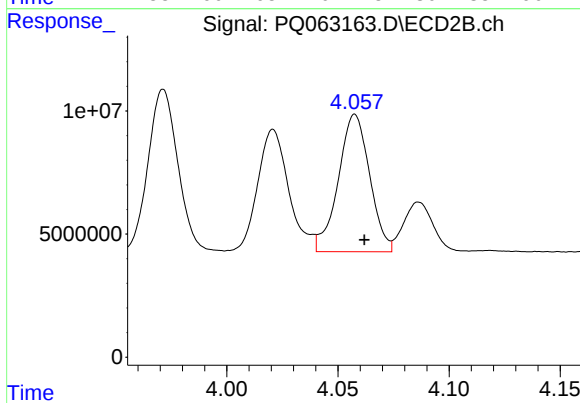
#13 AR-1232-3

R.T.: 3.971 min
Delta R.T.: -0.004 min
Response: 61368233
Conc: 1155.77 ng/ml



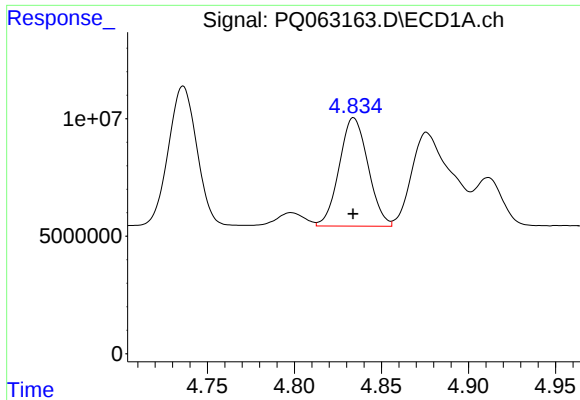
#14 AR-1232-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 67623196
Conc: 1120.72 ng/ml



#14 AR-1232-4

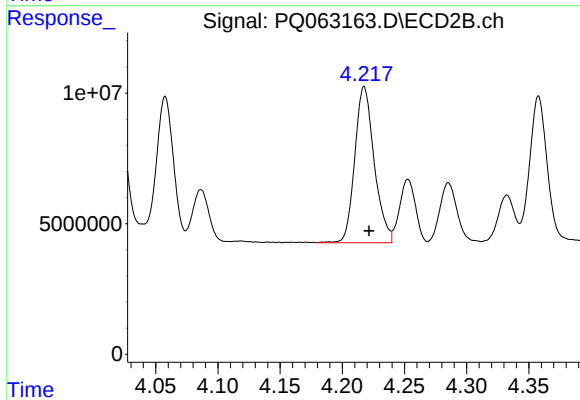
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 54942988
Conc: 1197.06 ng/ml



#15 AR-1232-5

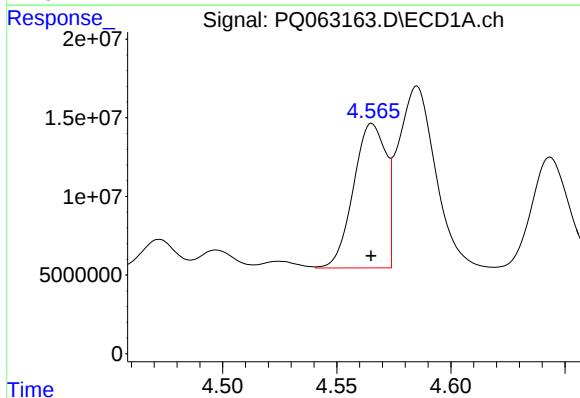
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 53139935
Conc: 1217.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



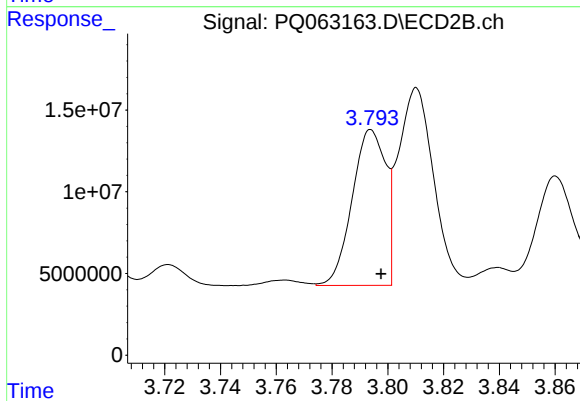
#15 AR-1232-5

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 65044793
Conc: 1199.59 ng/ml



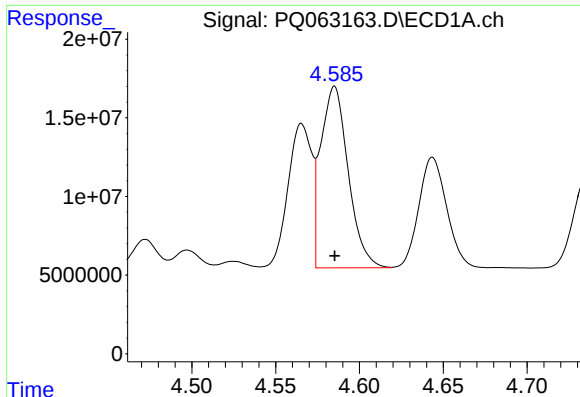
#16 AR-1242-1

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 90793886
Conc: 537.95 ng/ml



#16 AR-1242-1

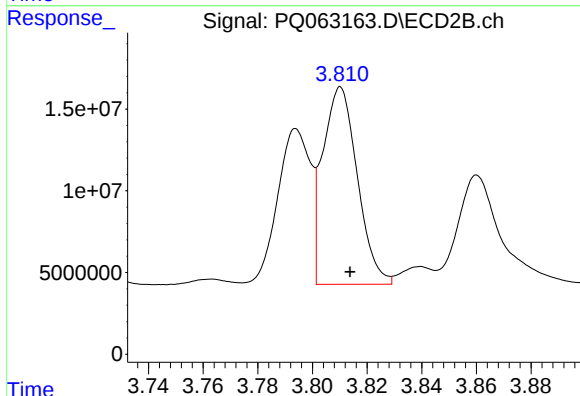
R.T.: 3.794 min
Delta R.T.: -0.004 min
Response: 79203789
Conc: 548.43 ng/ml



#17 AR-1242-2

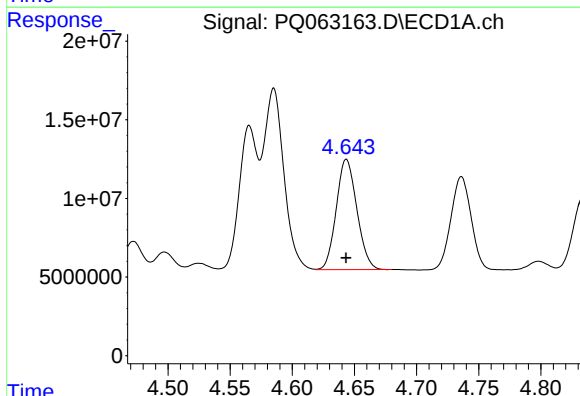
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 131679811
Conc: 546.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



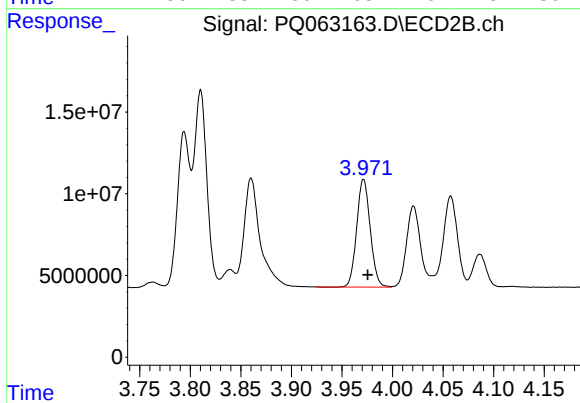
#17 AR-1242-2

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 106407112
Conc: 560.10 ng/ml



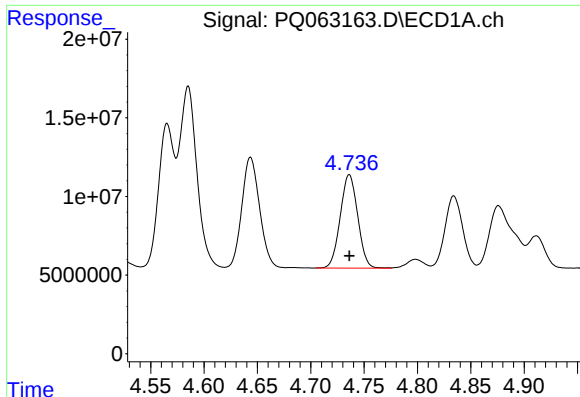
#18 AR-1242-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 80927710
Conc: 552.48 ng/ml



#18 AR-1242-3

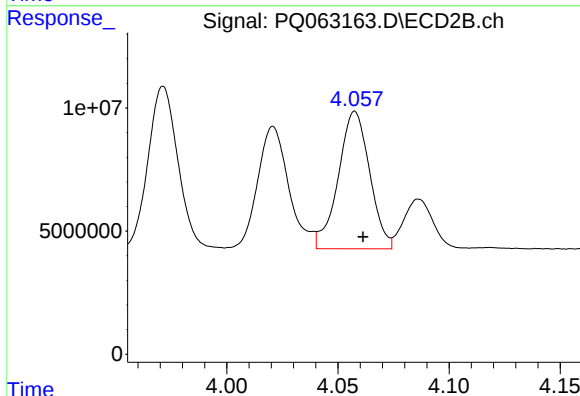
R.T.: 3.971 min
Delta R.T.: -0.004 min
Response: 61368233
Conc: 568.60 ng/ml



#19 AR-1242-4

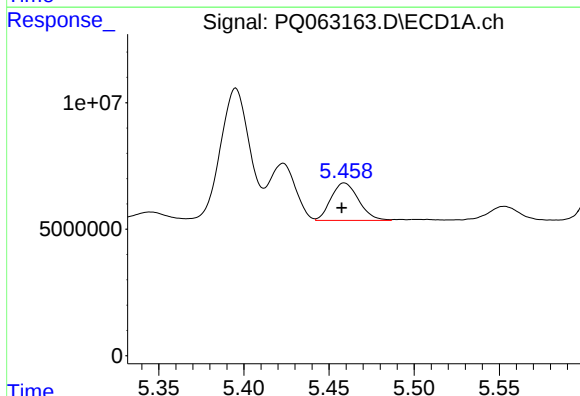
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 67623196
Conc: 546.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



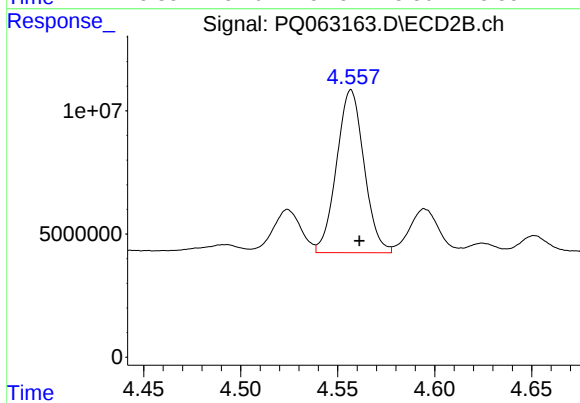
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 54942988
Conc: 551.48 ng/ml



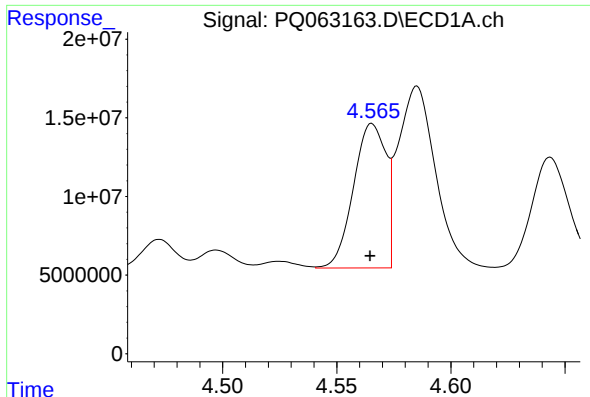
#20 AR-1242-5

R.T.: 5.459 min
Delta R.T.: 0.002 min
Response: 16724571
Conc: 126.55 ng/ml



#20 AR-1242-5

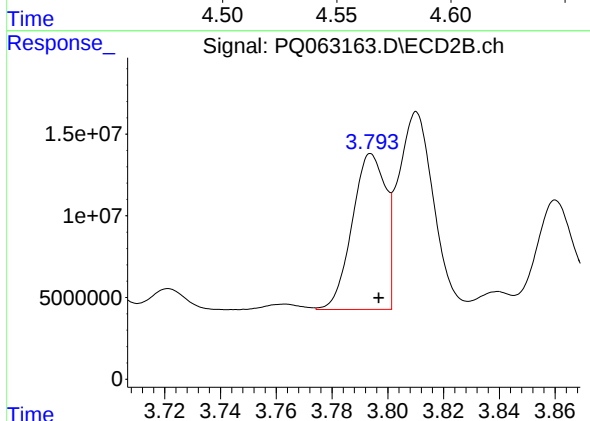
R.T.: 4.557 min
Delta R.T.: -0.004 min
Response: 65207309
Conc: 482.28 ng/ml



#21 AR-1248-1

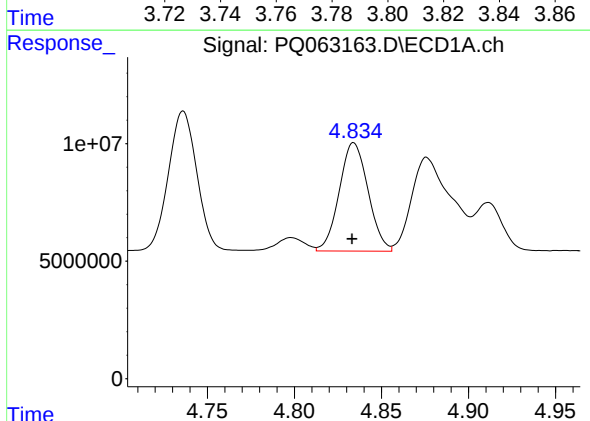
R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 90793886
Conc: 681.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



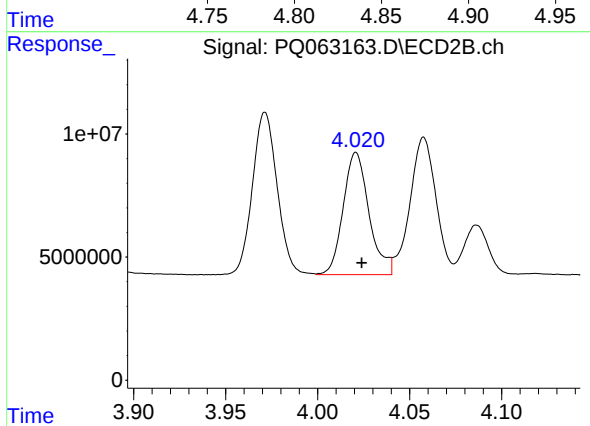
#21 AR-1248-1

R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 79203789
Conc: 709.02 ng/ml



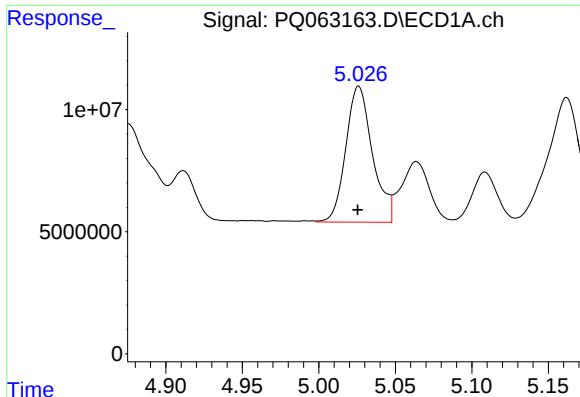
#22 AR-1248-2

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 53139935
Conc: 304.09 ng/ml



#22 AR-1248-2

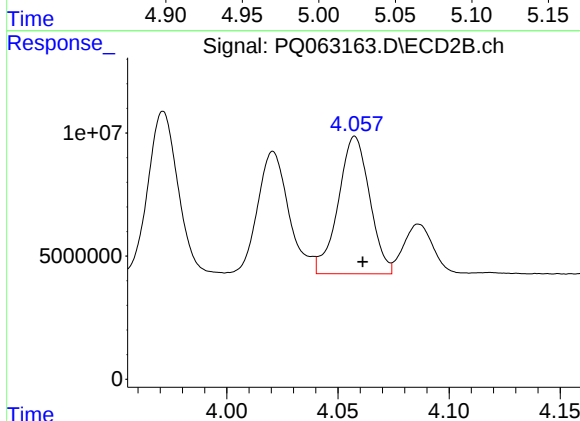
R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 48493942
Conc: 307.09 ng/ml



#23 AR-1248-3

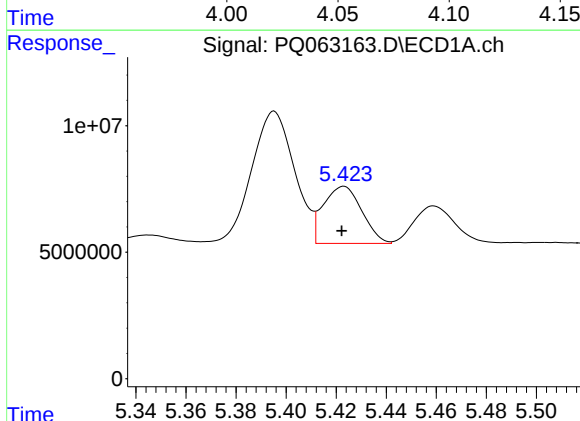
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 67711521
Conc: 320.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



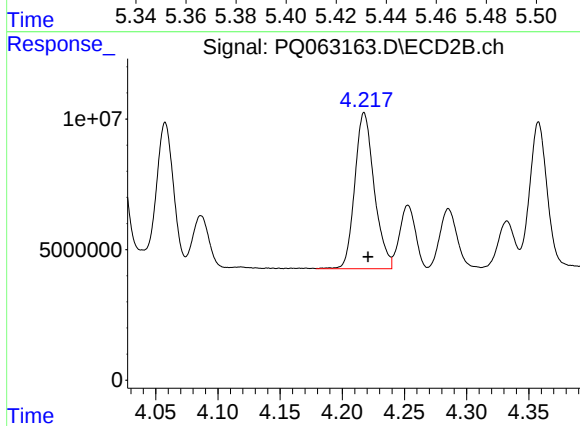
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 54942988
Conc: 360.28 ng/ml



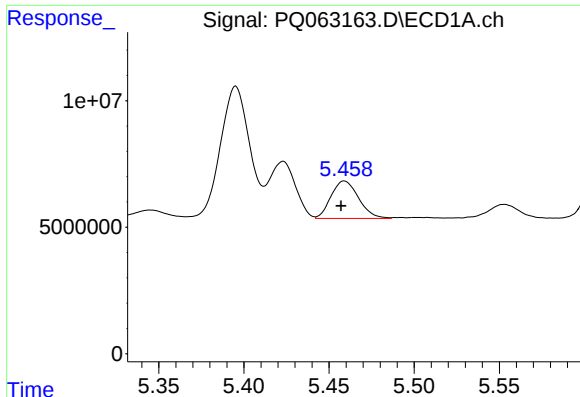
#24 AR-1248-4

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 24049329
Conc: 100.94 ng/ml



#24 AR-1248-4

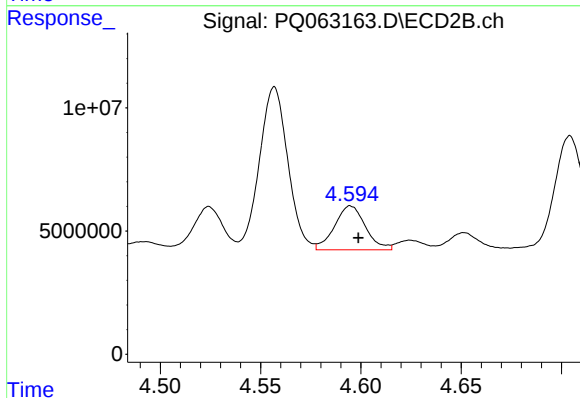
R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 65044793
Conc: 342.05 ng/ml



#25 AR-1248-5

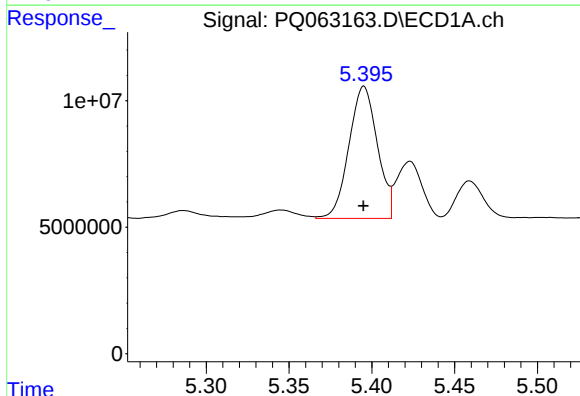
R.T.: 5.459 min
Delta R.T.: 0.002 min
Response: 16724571
Conc: 71.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



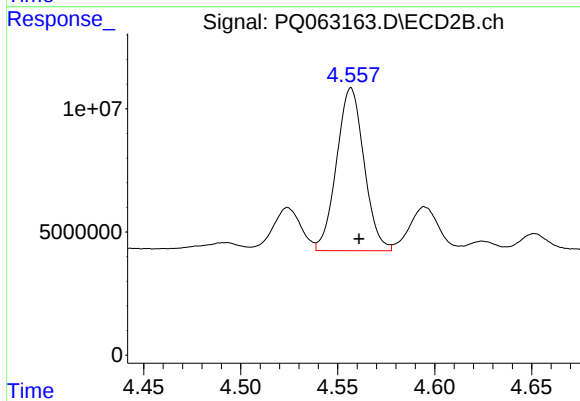
#25 AR-1248-5

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 19155449
Conc: 99.04 ng/ml



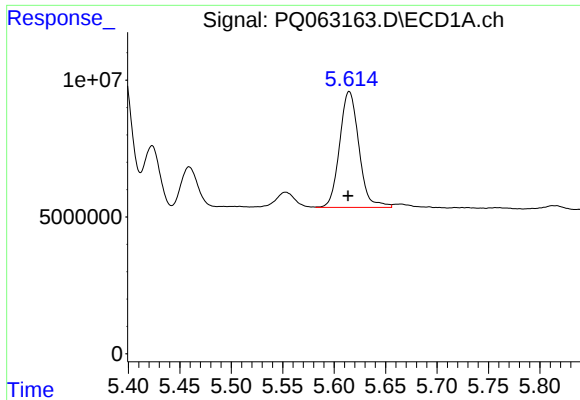
#26 AR-1254-1

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 62395923
Conc: 284.91 ng/ml



#26 AR-1254-1

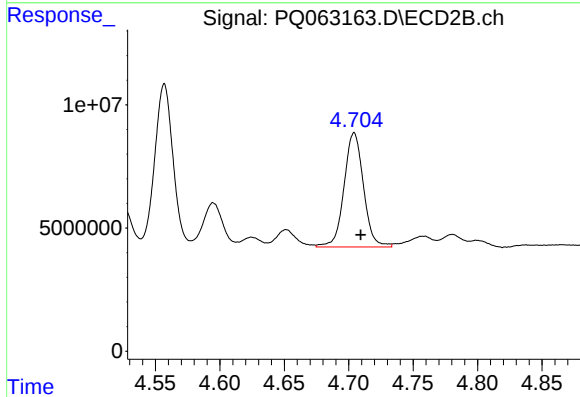
R.T.: 4.557 min
Delta R.T.: -0.004 min
Response: 65207309
Conc: 243.03 ng/ml



#27 AR-1254-2

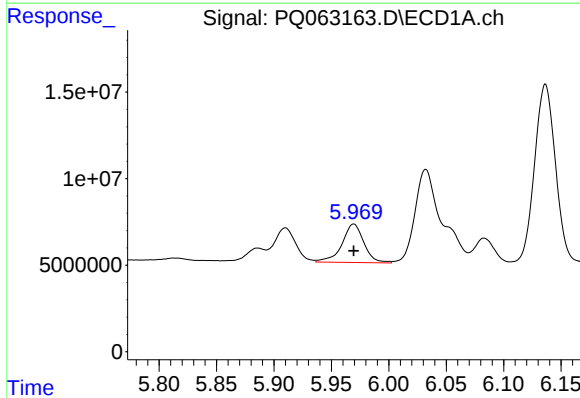
R.T.: 5.615 min
Delta R.T.: 0.001 min
Response: 55373554
Conc: 163.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



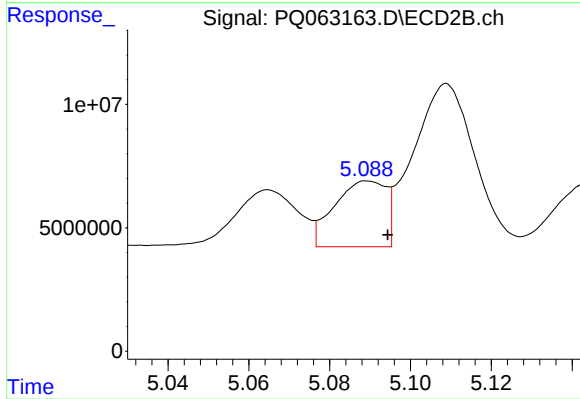
#27 AR-1254-2

R.T.: 4.704 min
Delta R.T.: -0.005 min
Response: 48765005
Conc: 207.76 ng/ml



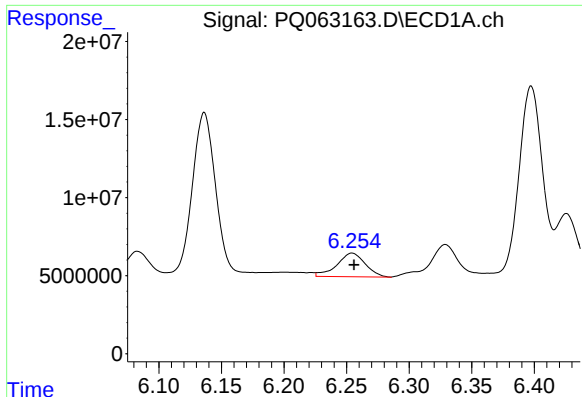
#28 AR-1254-3

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 29639431
Conc: 82.67 ng/ml



#28 AR-1254-3

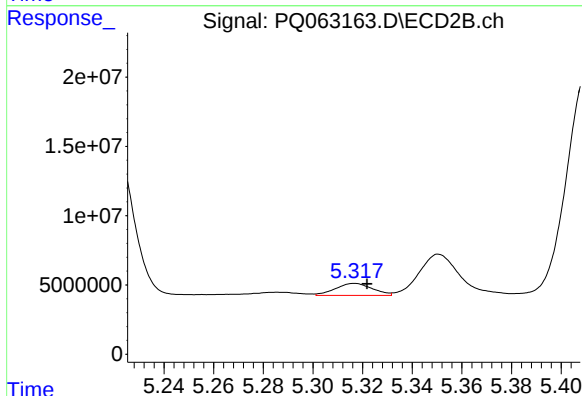
R.T.: 5.090 min
Delta R.T.: -0.005 min
Response: 23617224
Conc: 62.45 ng/ml



#29 AR-1254-4

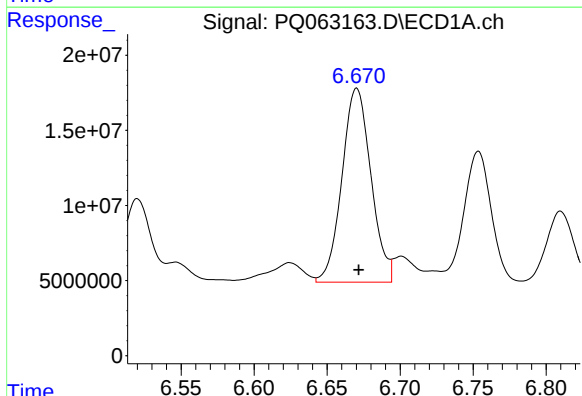
R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 23771465
Conc: 87.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



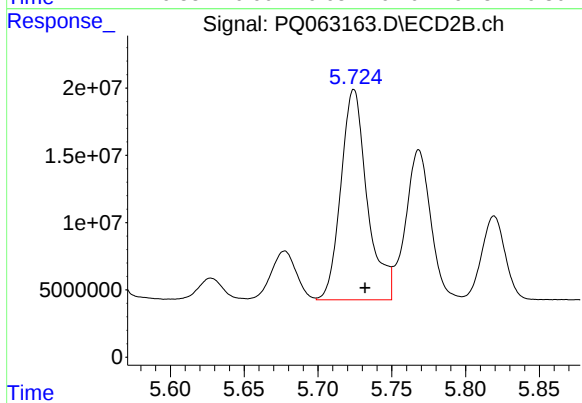
#29 AR-1254-4

R.T.: 5.317 min
Delta R.T.: -0.005 min
Response: 9018176
Conc: 36.91 ng/ml



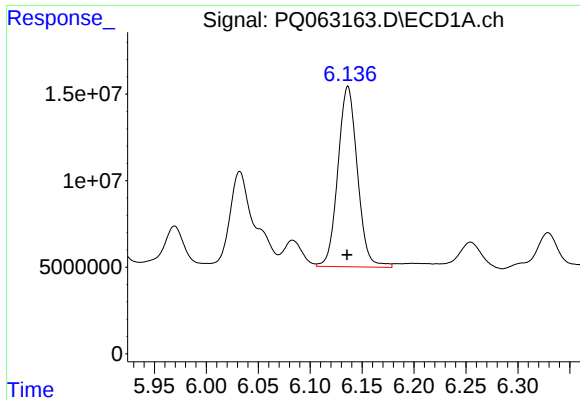
#30 AR-1254-5

R.T.: 6.670 min
Delta R.T.: -0.001 min
Response: 178430032
Conc: 645.48 ng/ml



#30 AR-1254-5

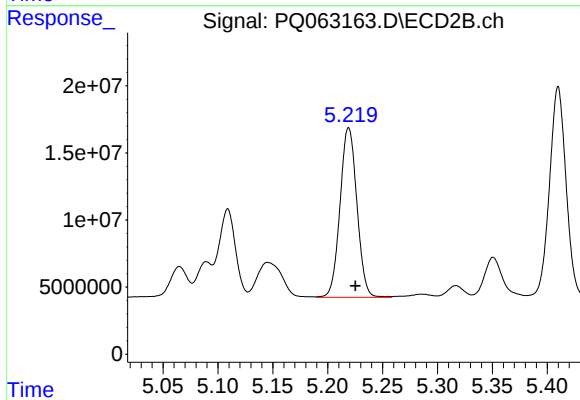
R.T.: 5.724 min
Delta R.T.: -0.007 min
Response: 194524466
Conc: 563.62 ng/ml



#31 AR-1260-1

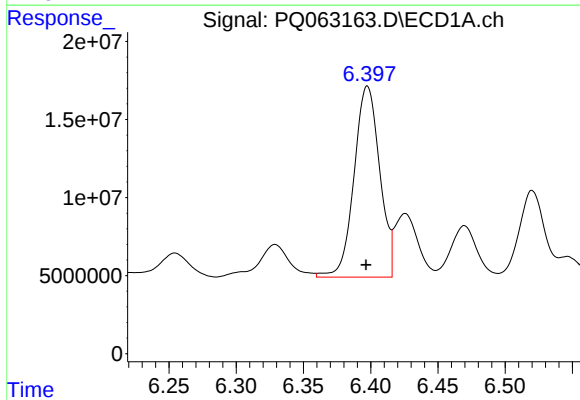
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 136165373
Conc: 532.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



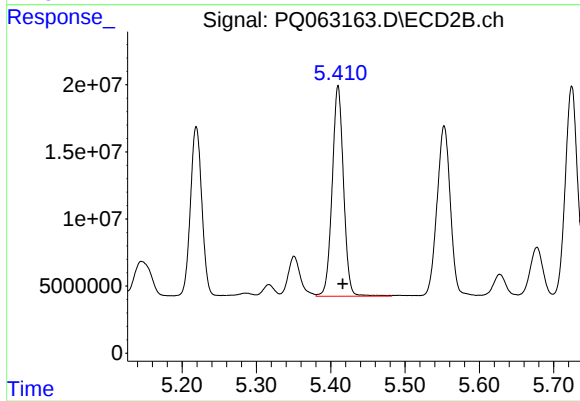
#31 AR-1260-1

R.T.: 5.219 min
Delta R.T.: -0.006 min
Response: 135504079
Conc: 542.93 ng/ml



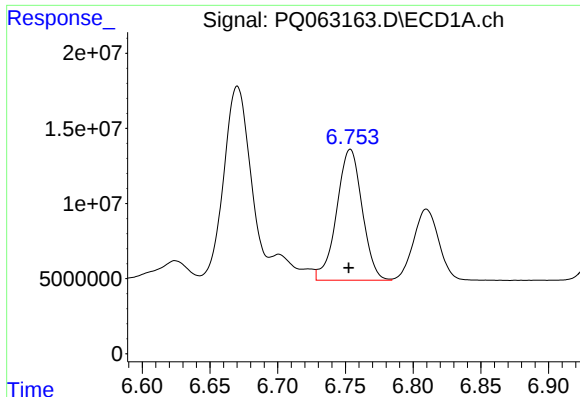
#32 AR-1260-2

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 162574210
Conc: 535.64 ng/ml



#32 AR-1260-2

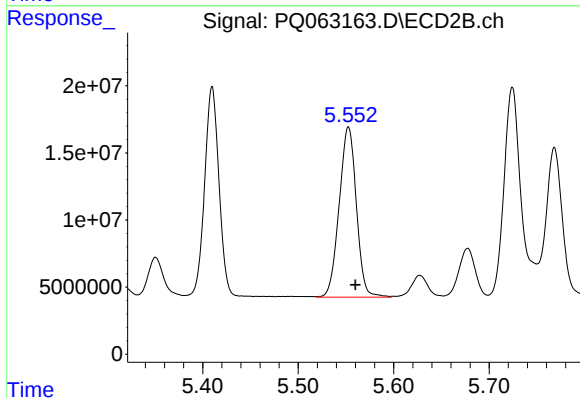
R.T.: 5.410 min
Delta R.T.: -0.006 min
Response: 166669719
Conc: 541.18 ng/ml



#33 AR-1260-3

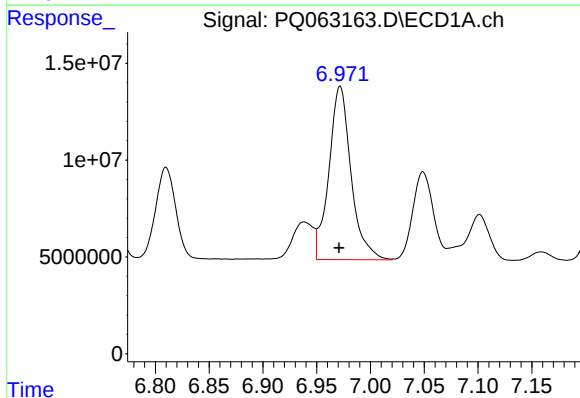
R.T.: 6.754 min
Delta R.T.: 0.001 min
Response: 114405392
Conc: 542.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



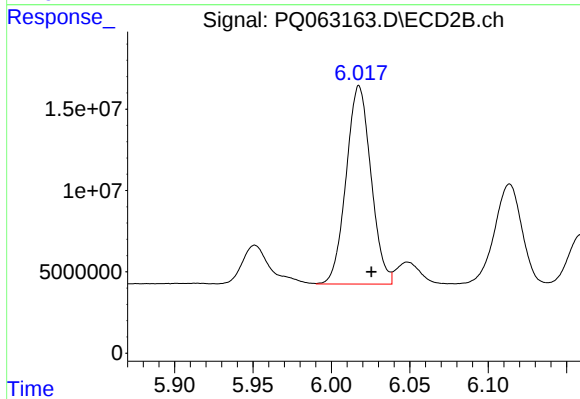
#33 AR-1260-3

R.T.: 5.553 min
Delta R.T.: -0.007 min
Response: 158743304
Conc: 512.29 ng/ml



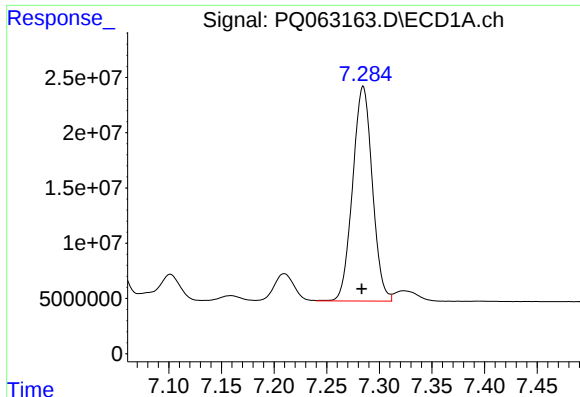
#34 AR-1260-4

R.T.: 6.972 min
Delta R.T.: 0.000 min
Response: 128215212
Conc: 535.00 ng/ml



#34 AR-1260-4

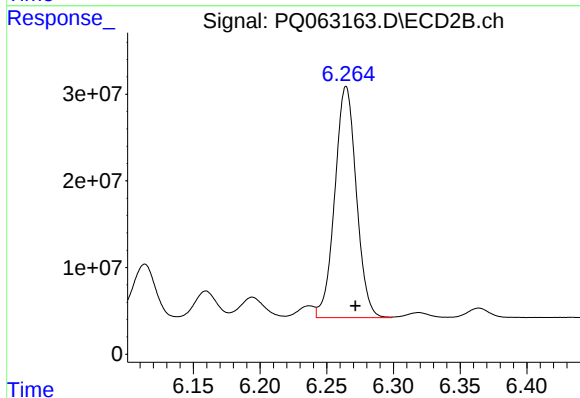
R.T.: 6.018 min
Delta R.T.: -0.008 min
Response: 134230555
Conc: 547.40 ng/ml



#35 AR-1260-5

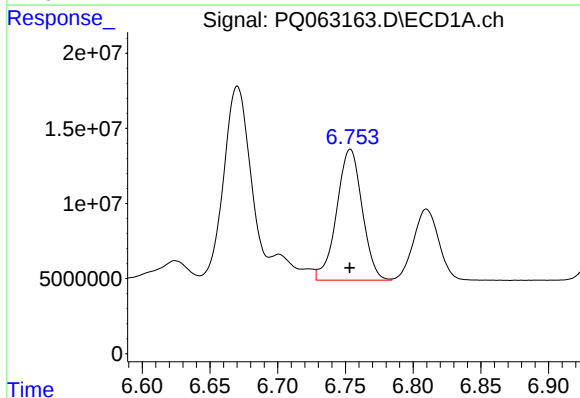
R.T.: 7.285 min
Delta R.T.: 0.001 min
Response: 253203845
Conc: 539.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



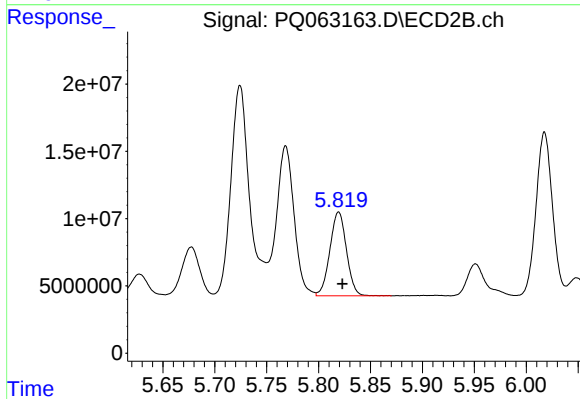
#35 AR-1260-5

R.T.: 6.265 min
Delta R.T.: -0.007 min
Response: 299933927
Conc: 548.81 ng/ml



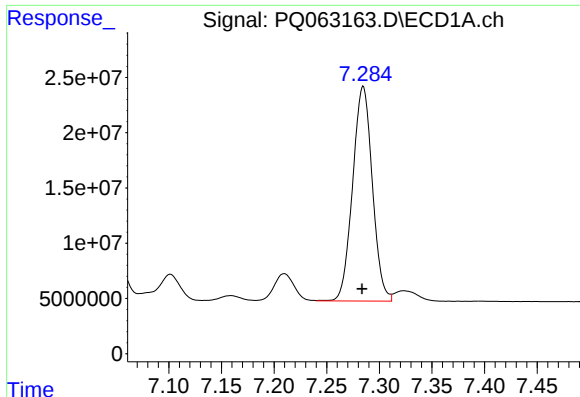
#36 AR-1262-1

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 114405392
Conc: 354.26 ng/ml



#36 AR-1262-1

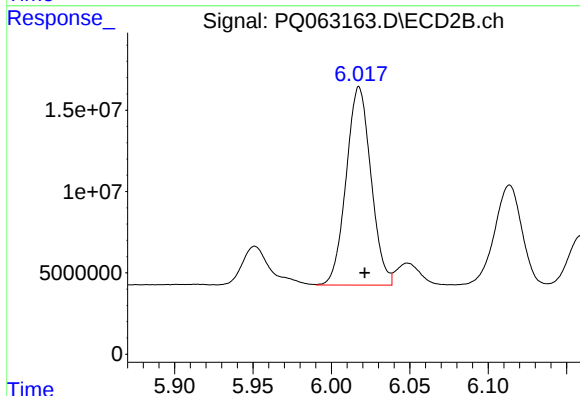
R.T.: 5.819 min
Delta R.T.: -0.004 min
Response: 69271035
Conc: 485.14 ng/ml



#37 AR-1262-2

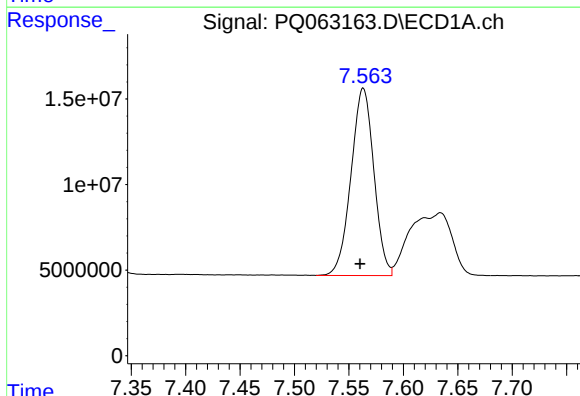
R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 253203845
Conc: 466.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



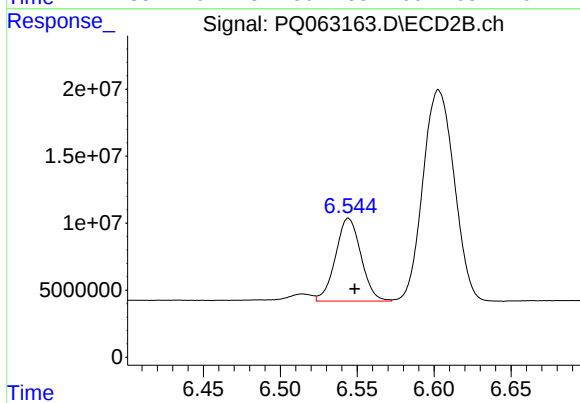
#37 AR-1262-2

R.T.: 6.018 min
Delta R.T.: -0.004 min
Response: 134230555
Conc: 429.54 ng/ml



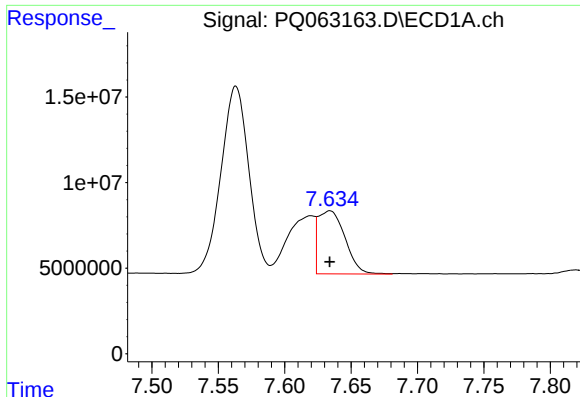
#38 AR-1262-3

R.T.: 7.563 min
Delta R.T.: 0.003 min
Response: 159879205
Conc: 442.62 ng/ml



#38 AR-1262-3

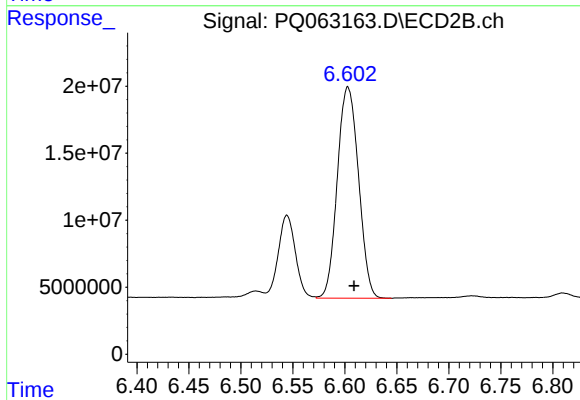
R.T.: 6.544 min
Delta R.T.: -0.004 min
Response: 71420676
Conc: 283.32 ng/ml



#39 AR-1262-4

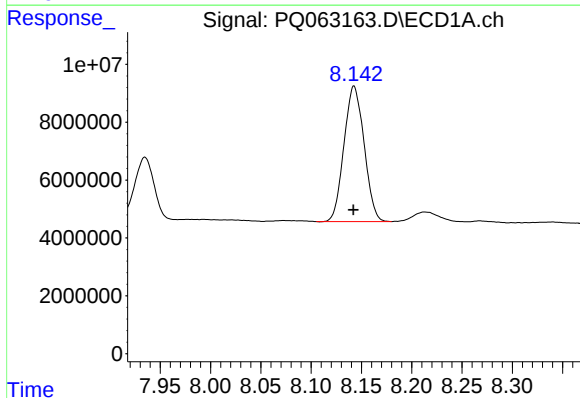
R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 51791249
Conc: 184.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



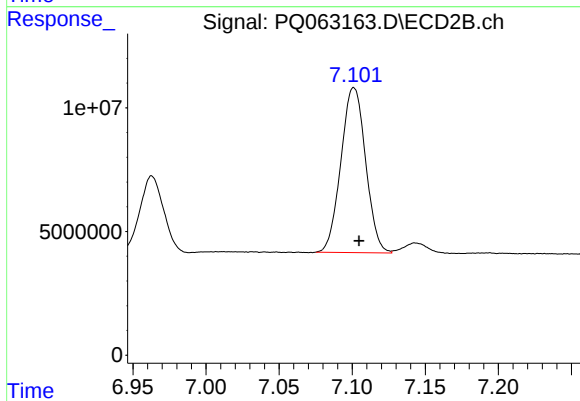
#39 AR-1262-4

R.T.: 6.603 min
Delta R.T.: -0.006 min
Response: 223742974
Conc: 478.59 ng/ml



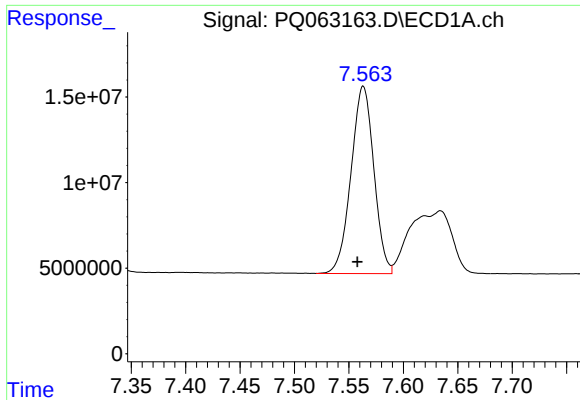
#40 AR-1262-5

R.T.: 8.143 min
Delta R.T.: 0.000 min
Response: 65263568
Conc: 347.23 ng/ml



#40 AR-1262-5

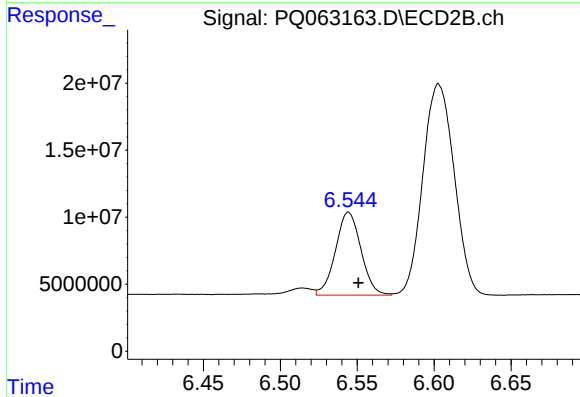
R.T.: 7.101 min
Delta R.T.: -0.004 min
Response: 78475930
Conc: 357.15 ng/ml



#41 AR-1268-1

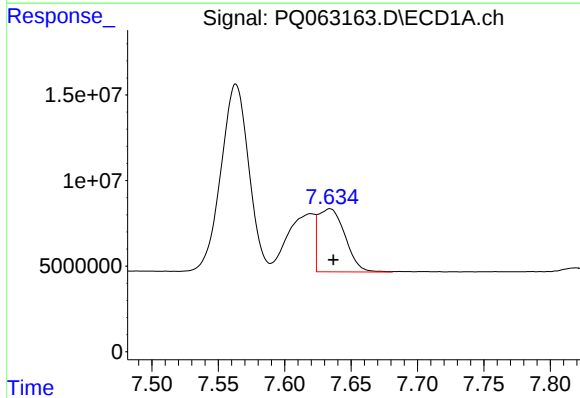
R.T.: 7.563 min
Delta R.T.: 0.005 min
Response: 159879205
Conc: 247.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



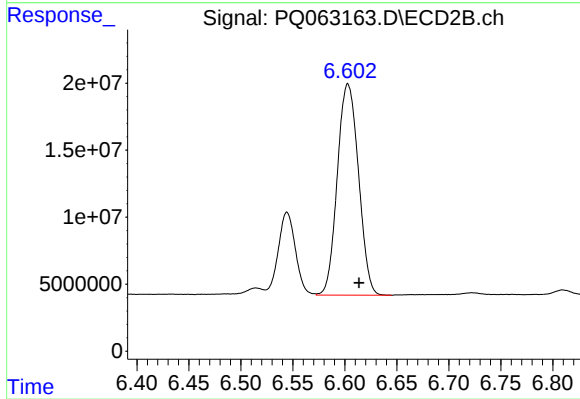
#41 AR-1268-1

R.T.: 6.544 min
Delta R.T.: -0.007 min
Response: 71420676
Conc: 95.70 ng/ml



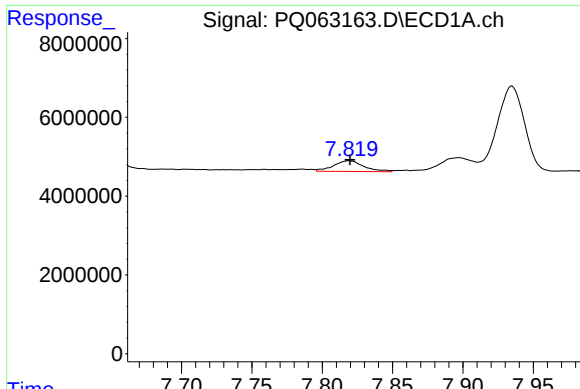
#42 AR-1268-2

R.T.: 7.634 min
Delta R.T.: -0.003 min
Response: 51791249
Conc: 86.36 ng/ml



#42 AR-1268-2

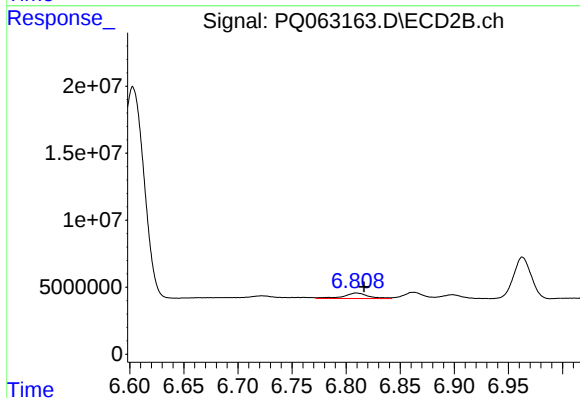
R.T.: 6.603 min
Delta R.T.: -0.011 min
Response: 223742974
Conc: 325.85 ng/ml



#43 AR-1268-3

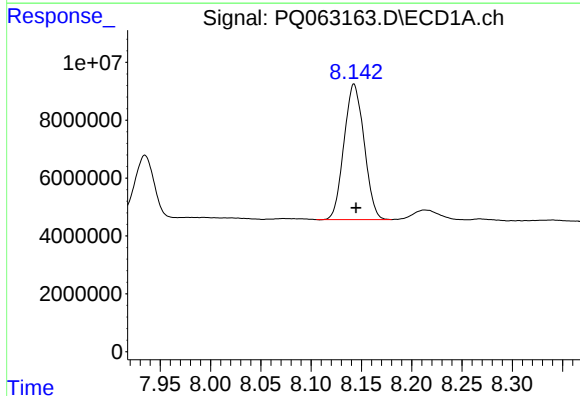
R.T.: 7.819 min
Delta R.T.: 0.000 min
Response: 4107528
Conc: 8.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



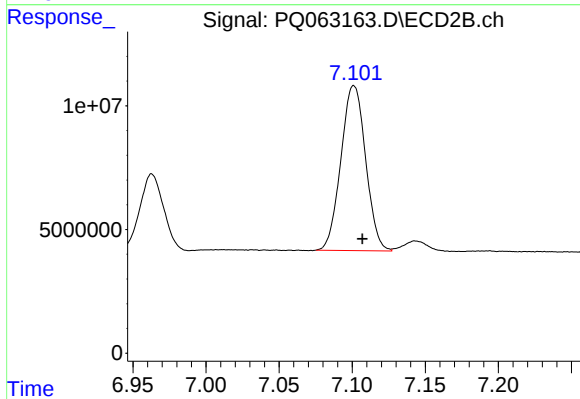
#43 AR-1268-3

R.T.: 6.809 min
Delta R.T.: -0.007 min
Response: 6513208
Conc: 11.10 ng/ml



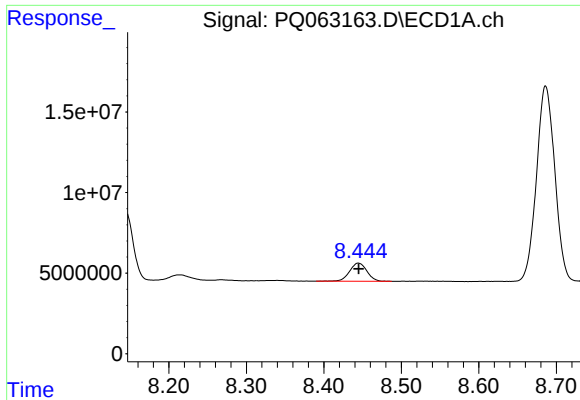
#44 AR-1268-4

R.T.: 8.143 min
Delta R.T.: -0.002 min
Response: 65263568
Conc: 304.21 ng/ml



#44 AR-1268-4

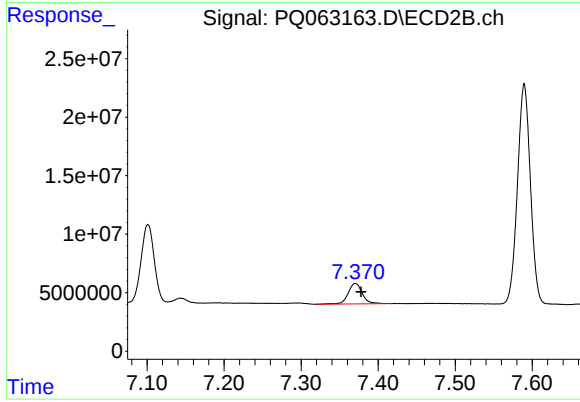
R.T.: 7.101 min
Delta R.T.: -0.006 min
Response: 78475930
Conc: 308.19 ng/ml



#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 17598929
Conc: 11.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.371 min
Delta R.T.: -0.007 min
Response: 22539687
Conc: 12.72 ng/ml