

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121523\
 Data File : PQ064559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2023 14:32
 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: Dec 15 22:30:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.456	2.773	179.0E6	208.4E6	43.150	49.629
2) SA Decachlor...	8.689	7.566	133.4E6	166.1E6	45.491	41.142
Target Compounds						
3) L1 AR-1016-1	4.571	3.781	56856925	60161166	446.262	494.991
4) L1 AR-1016-2	4.590	3.797	86220244	90771734	449.203	495.194
5) L1 AR-1016-3	4.649	3.958	53808898	49111373	453.494	504.708
6) L1 AR-1016-4	4.741	4.007	41761298	41738527	449.618	499.786
7) L1 AR-1016-5	5.031	4.203	43458318	49927134	446.062	493.160
8) L2 AR-1221-1	3.655	2.975	6447563	8197875	126.987	144.770
9) L2 AR-1221-2	3.739	3.053	8593496	11580063	234.547	274.898
10) L2 AR-1221-3	3.810	3.121	32745967	40642848	289.567	319.152
11) L3 AR-1232-1	3.810	3.121	32745967	40642848	379.422	421.940
12) L3 AR-1232-2	4.310	3.797	47562409	90771734	974.989	1085.896
13) L3 AR-1232-3	4.590	3.958	86220244	49111373	1010.048	1103.073
14) L3 AR-1232-4	4.741	4.044	41761298	45640694	1013.683	1194.716
15) L3 AR-1232-5	4.840	4.203	34875563	49927134	1140.634	1173.151
16) L4 AR-1242-1	4.571	3.781	56856925	60161166	548.603	579.769
17) L4 AR-1242-2	4.590	3.797	86220244	90771734	555.763	587.553
18) L4 AR-1242-3	4.649	3.958	53808898	49111373	555.540	598.844
19) L4 AR-1242-4	4.741	4.044	41761298	45640694	549.337	584.934
20) L4 AR-1242-5	5.464	4.541	11718806	45796393	141.165	474.898 #
21) L5 AR-1248-1	4.571	3.781	56856925	60161166	730.097	743.550
22) L5 AR-1248-2	4.840	4.007	34875563	41738527	312.508	340.481
23) L5 AR-1248-3	5.031	4.044	43458318	45640694	326.547	391.127
24) L5 AR-1248-4	5.428	4.203	14460611	49927134	101.036	356.155 #
25) L5 AR-1248-5	5.464	4.580	11718806	11448162	83.576	86.031
26) L6 AR-1254-1	5.400	4.541	38342343	45796393	250.329	218.719
27) L6 AR-1254-2	5.620	4.689	36480374	32553644	156.227	175.983
28) L6 AR-1254-3	5.975	5.073	15462839	13799288	62.910	48.776
29) L6 AR-1254-4	6.260	5.300	10086393	6182102	58.051	33.300 #
30) L6 AR-1254-5	6.676	5.706	109.0E6	121.6E6	564.805	468.439
31) L7 AR-1260-1	6.142	5.202	83199096	92153086	444.270	476.513
32) L7 AR-1260-2	6.404	5.393	96170462	109.4E6	443.593	470.222
33) L7 AR-1260-3	6.759	5.535	71982771	100.9E6	441.632	464.003
34) L7 AR-1260-4	6.978	5.999	78924207	92258367	460.069	500.864
35) L7 AR-1260-5	7.291	6.246	151.7E6	217.1E6	448.951	500.667
36) L8 AR-1262-1	6.759	5.801	71982771	45095532	292.595	395.908 #
37) L8 AR-1262-2	7.291	5.999	151.7E6	92258367	378.357	362.170
38) L8 AR-1262-3	7.570	6.524	93759522	56805683	346.651	252.254 #
39) L8 AR-1262-4	7.640	6.583	59618142	180.5E6	282.495	417.170 #
40) L8 AR-1262-5	8.150	7.082	38159242	68721953	279.973	261.788
41) L9 AR-1268-1	7.570	6.524	93759522	56805683	196.032	86.293 #

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 Acq On : 15 Dec 2023 14:32
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

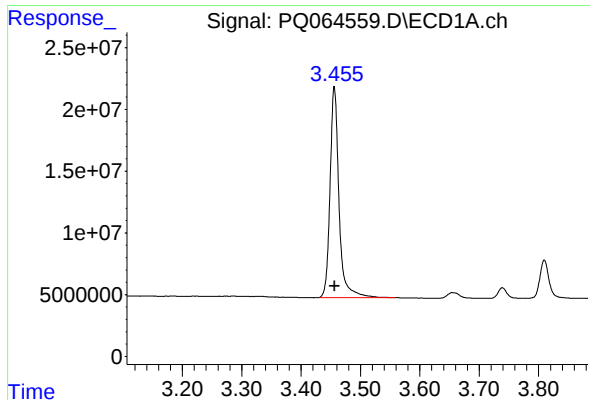
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 22:30:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.640	6.583	59618142	180.5E6	137.096	290.814 #
43) L9	AR-1268-3	7.824	6.789	1997228	4005143	5.285	6.257
44) L9	AR-1268-4	8.150	7.082	38159242	68721953	249.300	228.360
45) L9	AR-1268-5	8.450	7.350	9845791	17389665	9.053	9.205

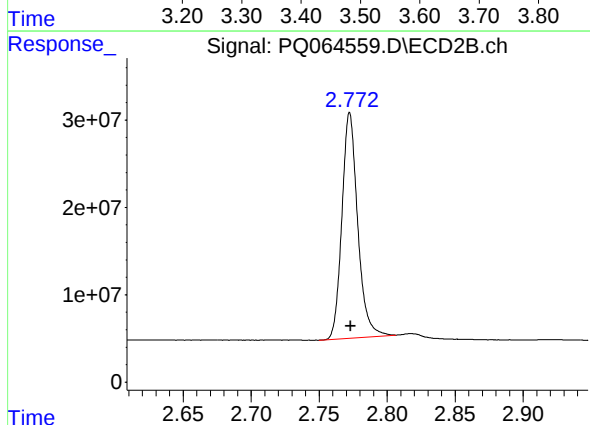
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

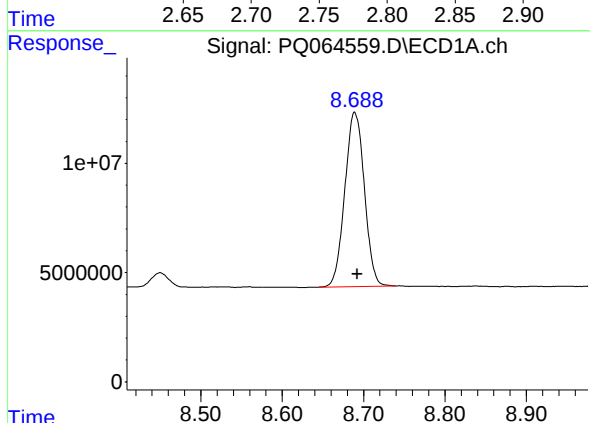
R.T.: 3.456 min
Delta R.T.: 0.000 min
Response: 179015141
Conc: 43.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



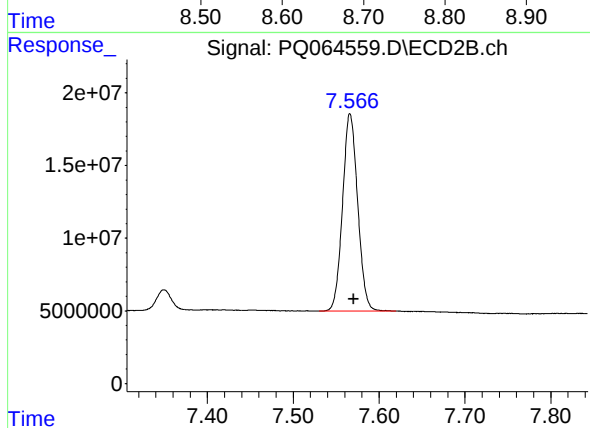
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 208361589
Conc: 49.63 ng/ml



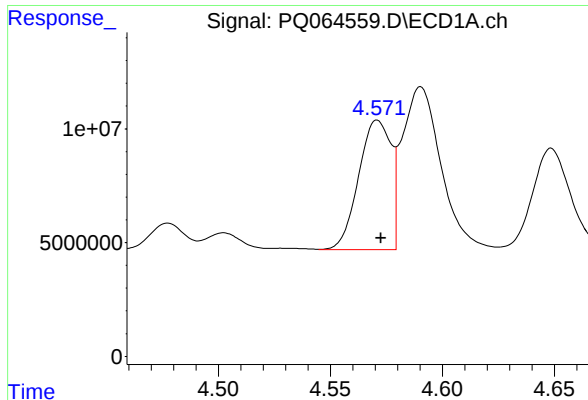
#2 Decachlorobiphenyl

R.T.: 8.689 min
Delta R.T.: -0.003 min
Response: 133353763
Conc: 45.49 ng/ml



#2 Decachlorobiphenyl

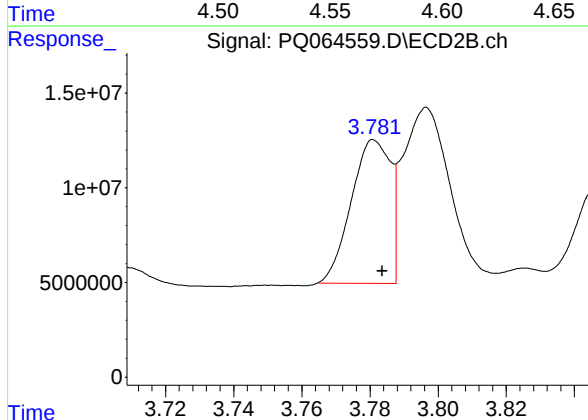
R.T.: 7.566 min
Delta R.T.: -0.004 min
Response: 166059656
Conc: 41.14 ng/ml



#3 AR-1016-1

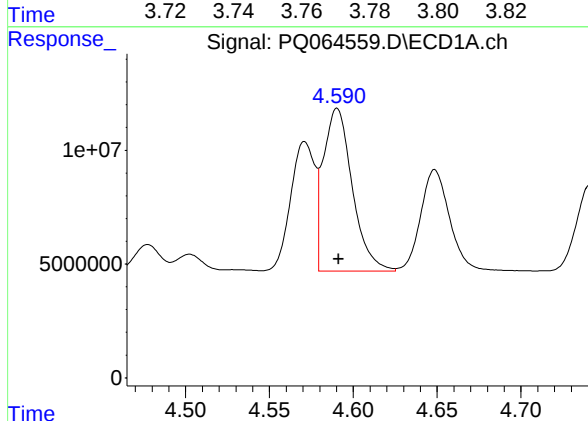
R.T.: 4.571 min
Delta R.T.: -0.002 min
Response: 56856925
Conc: 446.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



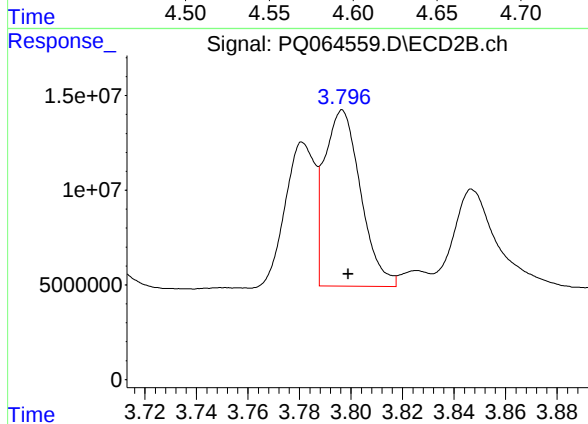
#3 AR-1016-1

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 60161166
Conc: 494.99 ng/ml



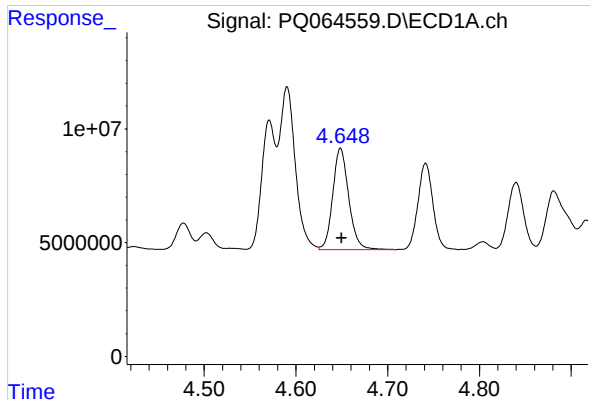
#4 AR-1016-2

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 86220244
Conc: 449.20 ng/ml



#4 AR-1016-2

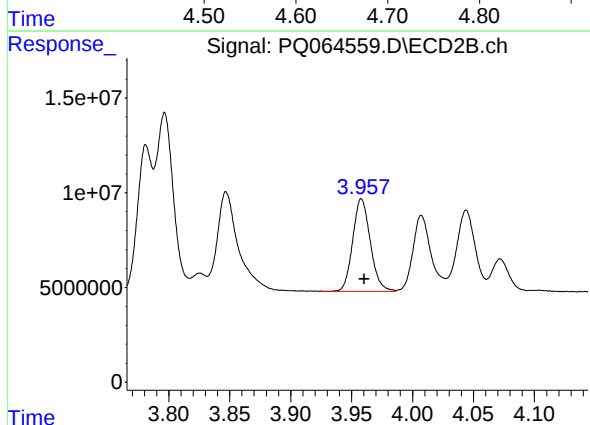
R.T.: 3.797 min
Delta R.T.: -0.002 min
Response: 90771734
Conc: 495.19 ng/ml



#5 AR-1016-3

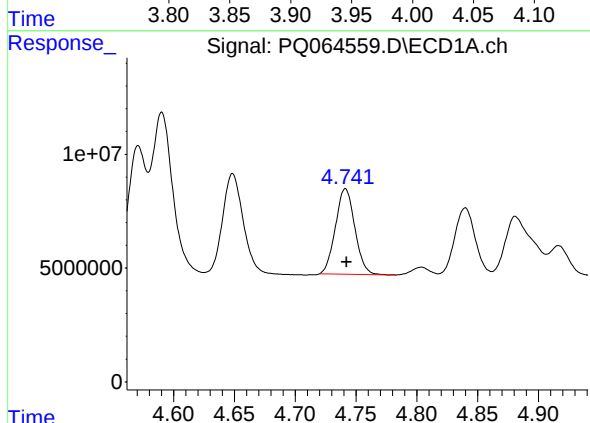
R.T.: 4.649 min
Delta R.T.: 0.000 min
Response: 53808898
Conc: 453.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



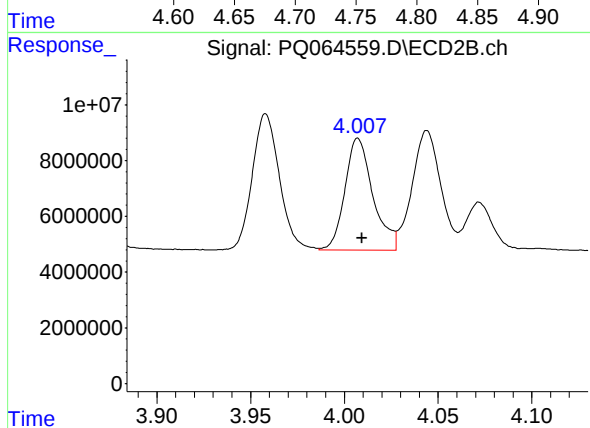
#5 AR-1016-3

R.T.: 3.958 min
Delta R.T.: -0.002 min
Response: 49111373
Conc: 504.71 ng/ml



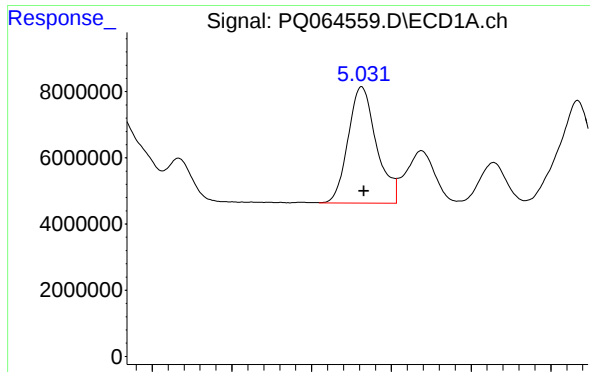
#6 AR-1016-4

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 41761298
Conc: 449.62 ng/ml



#6 AR-1016-4

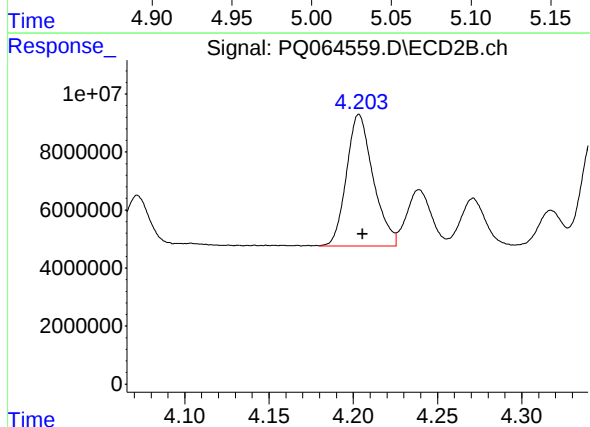
R.T.: 4.007 min
Delta R.T.: -0.002 min
Response: 41738527
Conc: 499.79 ng/ml



#7 AR-1016-5

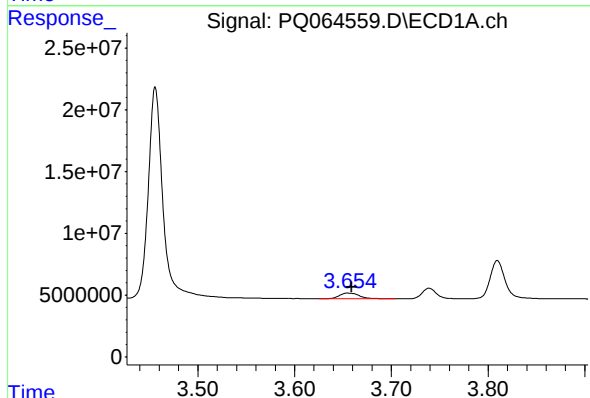
R.T.: 5.031 min
Delta R.T.: -0.001 min
Response: 43458318
Conc: 446.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



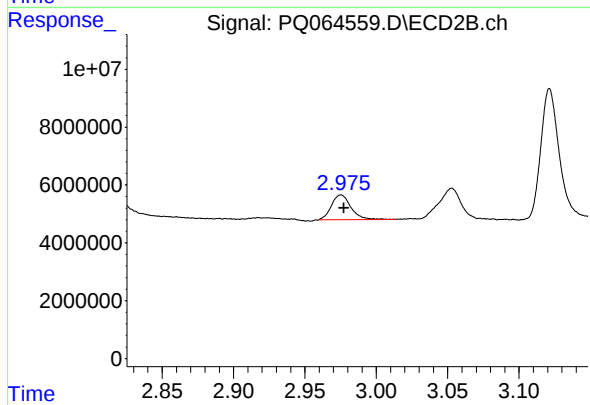
#7 AR-1016-5

R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 49927134
Conc: 493.16 ng/ml



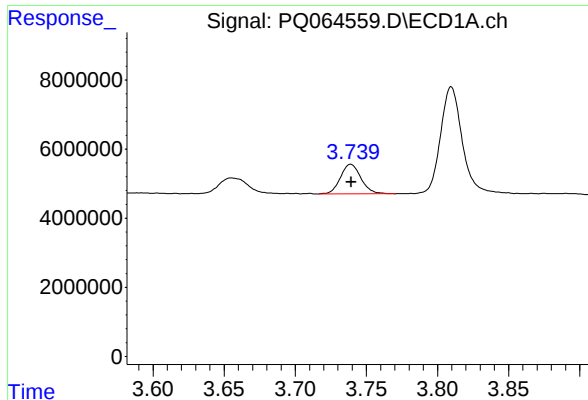
#8 AR-1221-1

R.T.: 3.655 min
Delta R.T.: -0.004 min
Response: 6447563
Conc: 126.99 ng/ml



#8 AR-1221-1

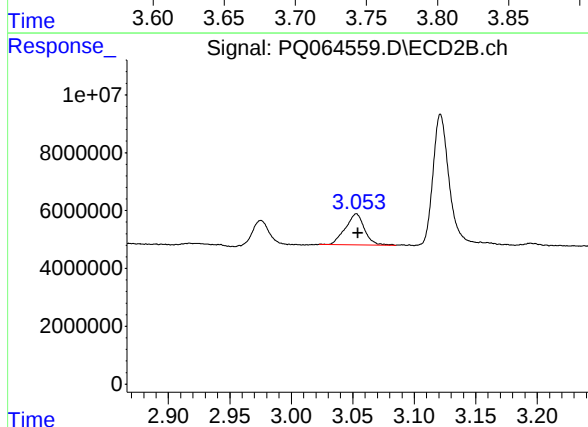
R.T.: 2.975 min
Delta R.T.: -0.002 min
Response: 8197875
Conc: 144.77 ng/ml



#9 AR-1221-2

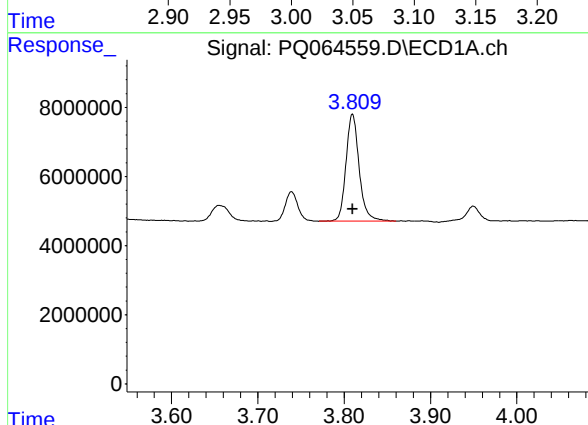
R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 8593496
Conc: 234.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



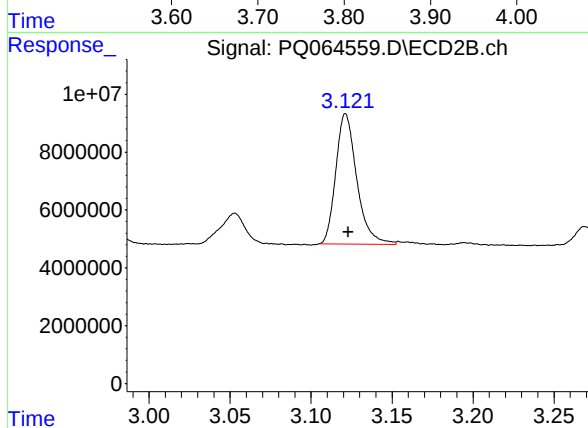
#9 AR-1221-2

R.T.: 3.053 min
Delta R.T.: -0.001 min
Response: 11580063
Conc: 274.90 ng/ml



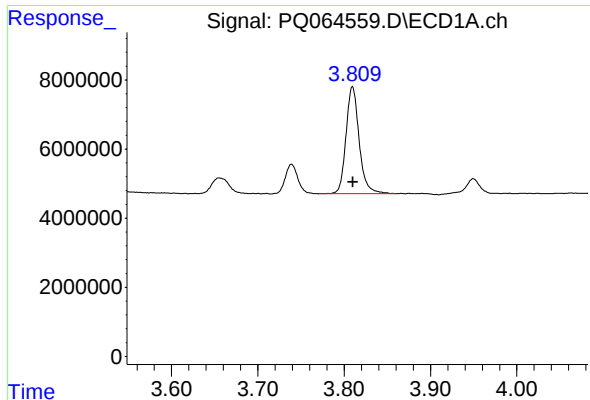
#10 AR-1221-3

R.T.: 3.810 min
Delta R.T.: 0.000 min
Response: 32745967
Conc: 289.57 ng/ml



#10 AR-1221-3

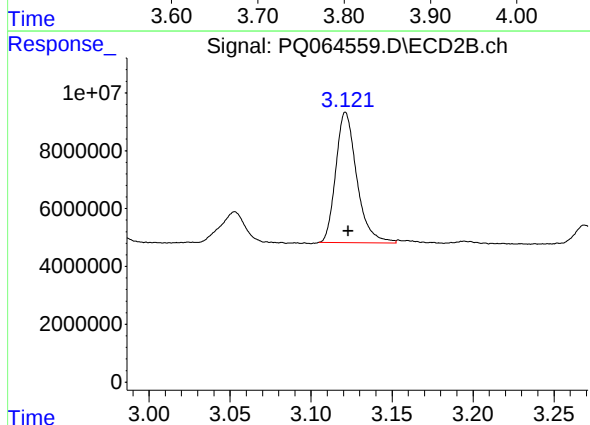
R.T.: 3.121 min
Delta R.T.: -0.002 min
Response: 40642848
Conc: 319.15 ng/ml



#11 AR-1232-1

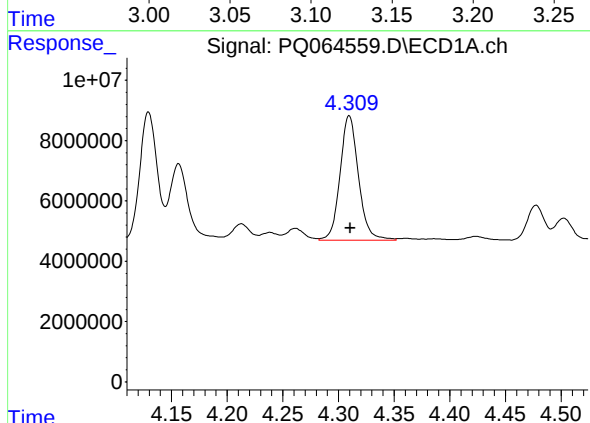
R.T.: 3.810 min
Delta R.T.: 0.000 min
Response: 32745967
Conc: 379.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



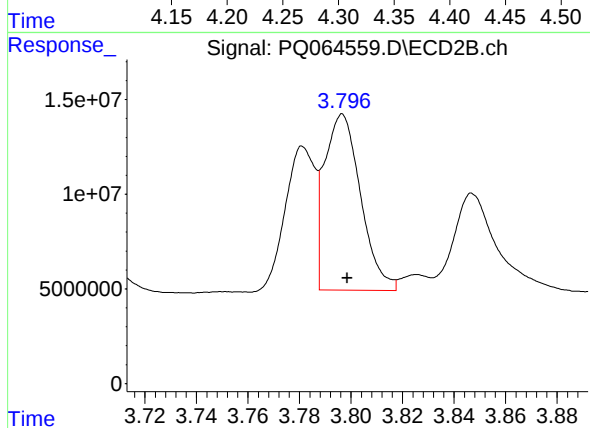
#11 AR-1232-1

R.T.: 3.121 min
Delta R.T.: -0.002 min
Response: 40642848
Conc: 421.94 ng/ml



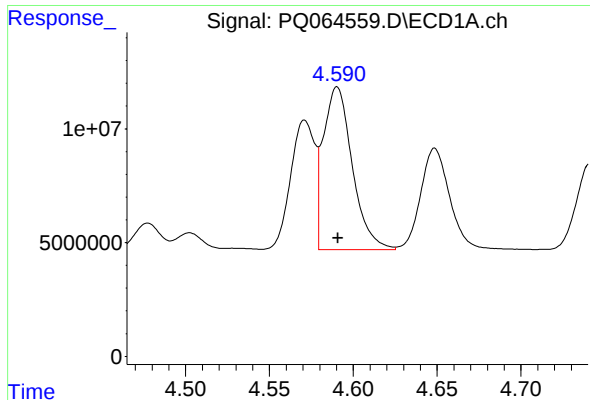
#12 AR-1232-2

R.T.: 4.310 min
Delta R.T.: -0.001 min
Response: 47562409
Conc: 974.99 ng/ml



#12 AR-1232-2

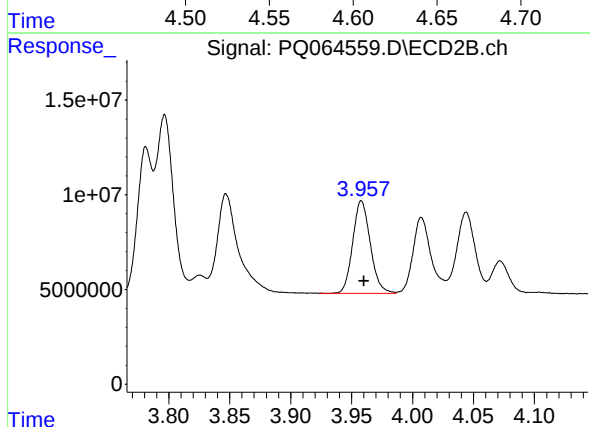
R.T.: 3.797 min
Delta R.T.: -0.002 min
Response: 90771734
Conc: 1085.90 ng/ml



#13 AR-1232-3

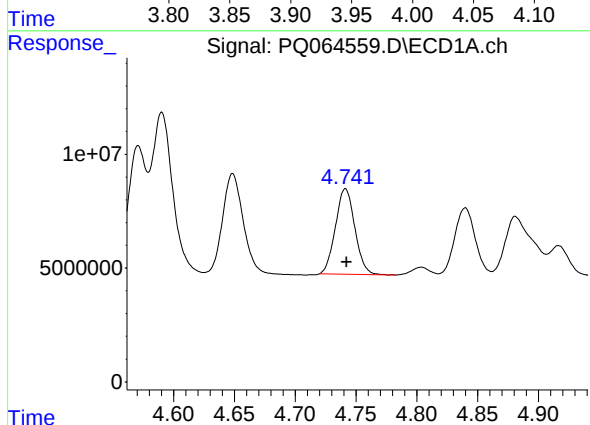
R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 86220244
Conc: 1010.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



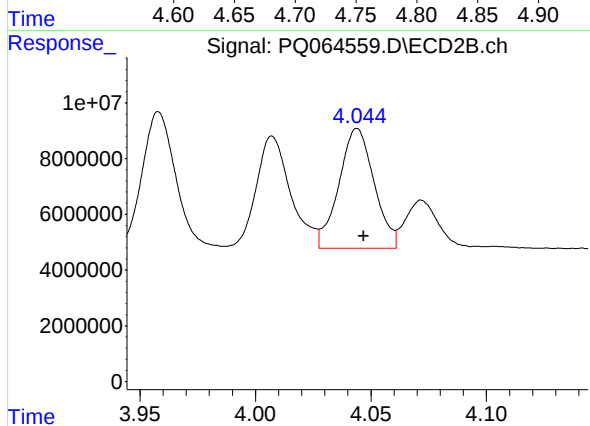
#13 AR-1232-3

R.T.: 3.958 min
Delta R.T.: -0.002 min
Response: 49111373
Conc: 1103.07 ng/ml



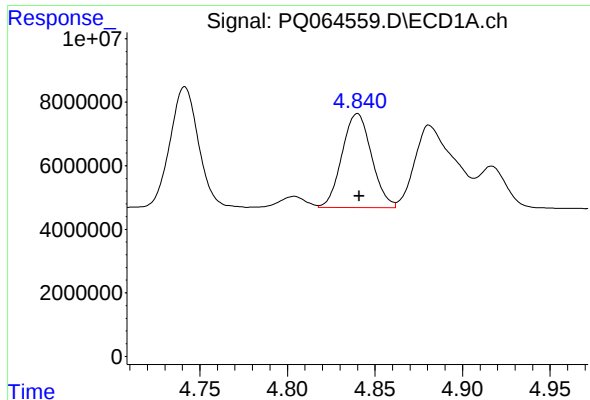
#14 AR-1232-4

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 41761298
Conc: 1013.68 ng/ml



#14 AR-1232-4

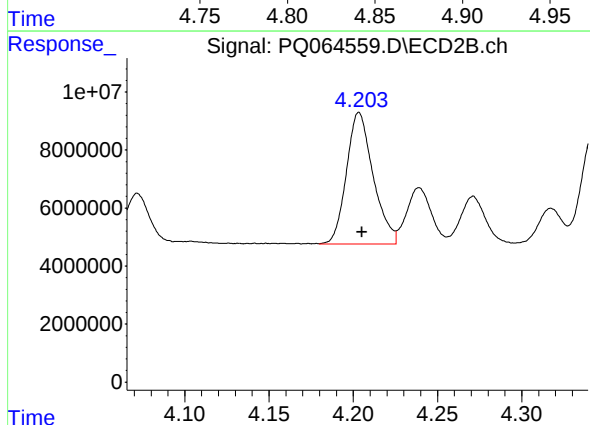
R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 45640694
Conc: 1194.72 ng/ml



#15 AR-1232-5

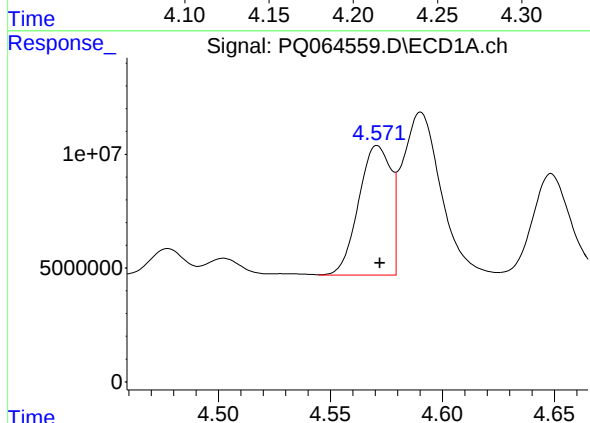
R.T.: 4.840 min
Delta R.T.: -0.001 min
Response: 34875563
Conc: 1140.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



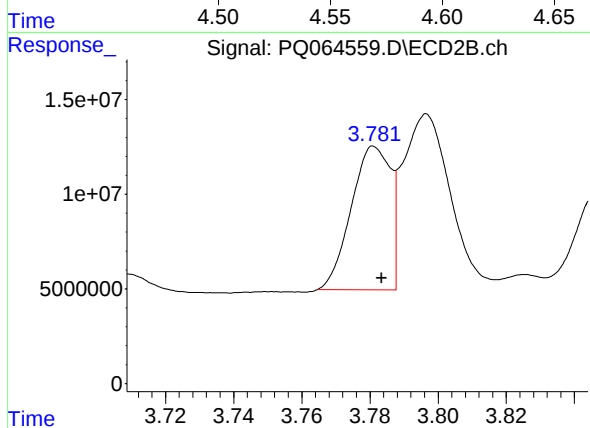
#15 AR-1232-5

R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 49927134
Conc: 1173.15 ng/ml



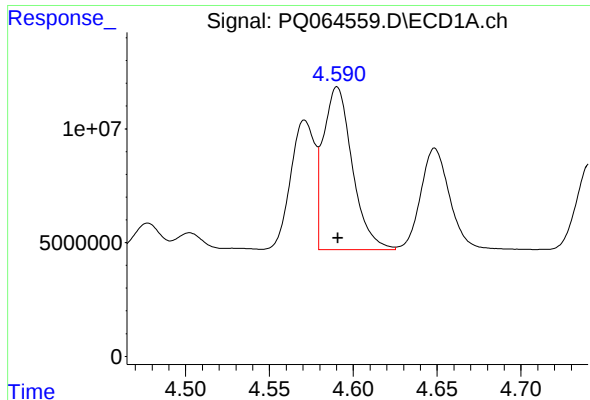
#16 AR-1242-1

R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 56856925
Conc: 548.60 ng/ml



#16 AR-1242-1

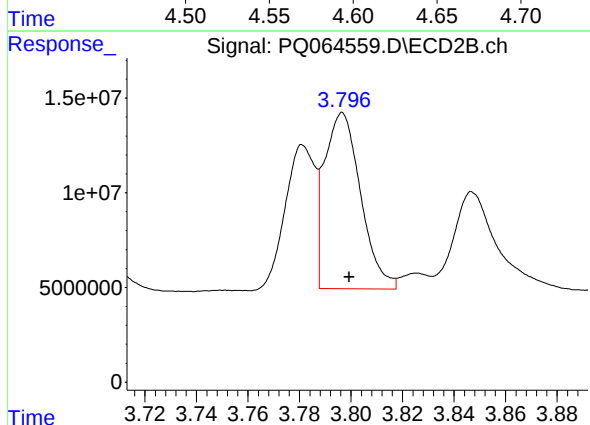
R.T.: 3.781 min
Delta R.T.: -0.002 min
Response: 60161166
Conc: 579.77 ng/ml



#17 AR-1242-2

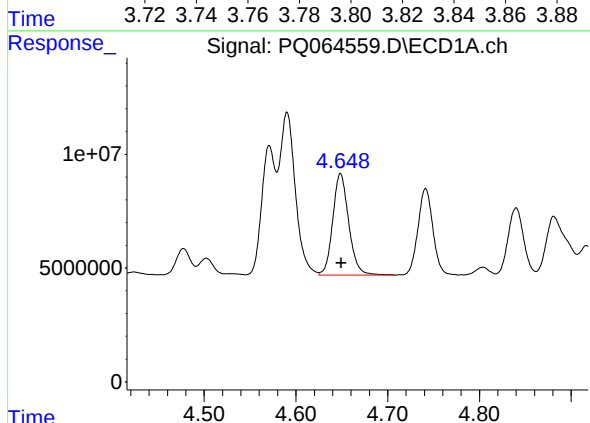
R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 86220244
Conc: 555.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



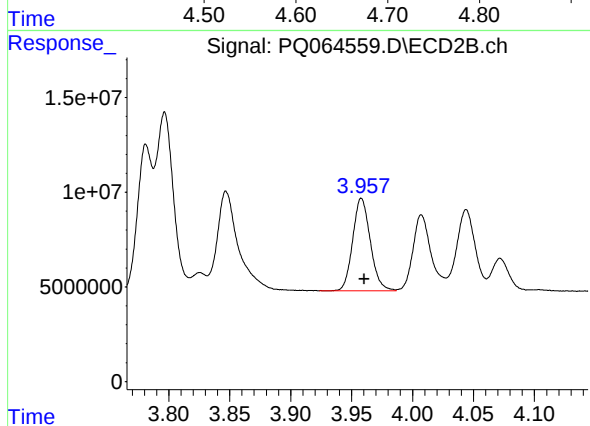
#17 AR-1242-2

R.T.: 3.797 min
Delta R.T.: -0.003 min
Response: 90771734
Conc: 587.55 ng/ml



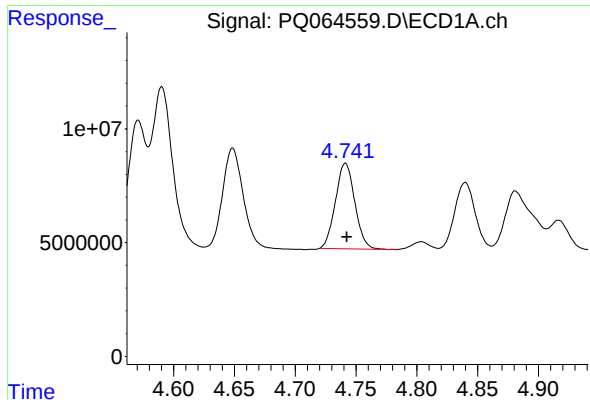
#18 AR-1242-3

R.T.: 4.649 min
Delta R.T.: 0.000 min
Response: 53808898
Conc: 555.54 ng/ml



#18 AR-1242-3

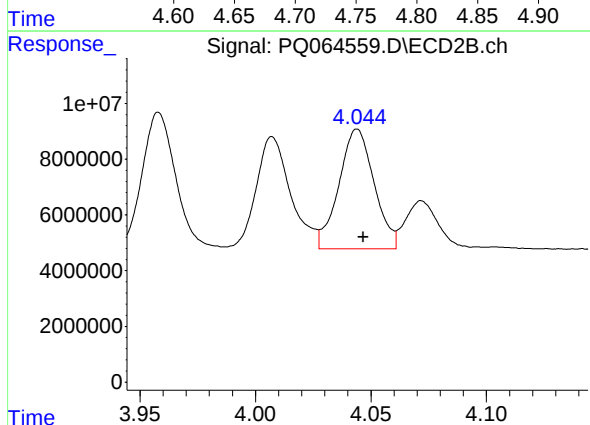
R.T.: 3.958 min
Delta R.T.: -0.002 min
Response: 49111373
Conc: 598.84 ng/ml



#19 AR-1242-4

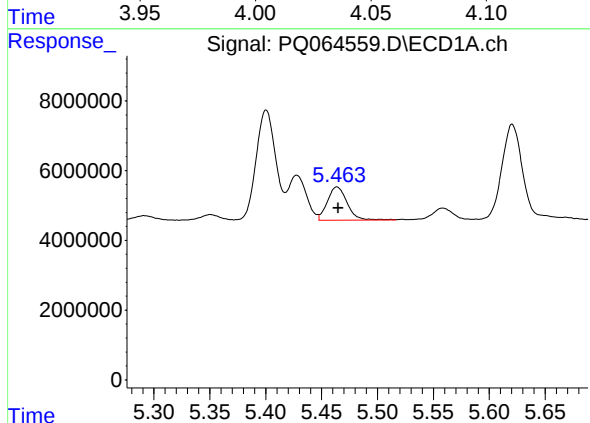
R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 41761298
Conc: 549.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



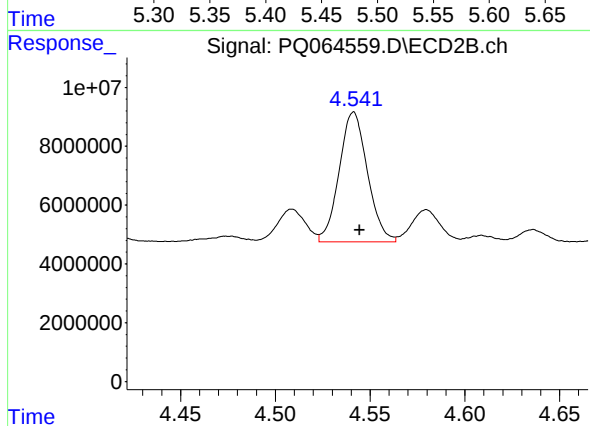
#19 AR-1242-4

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 45640694
Conc: 584.93 ng/ml



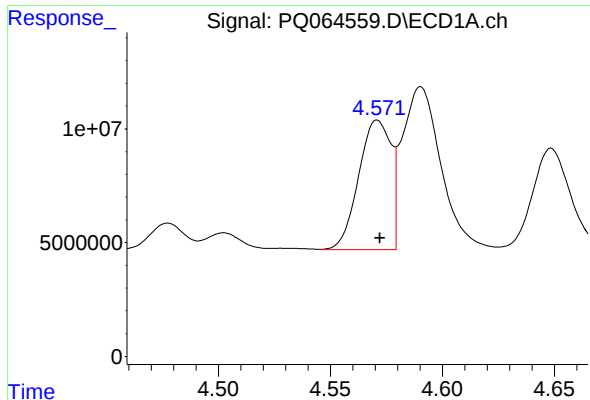
#20 AR-1242-5

R.T.: 5.464 min
Delta R.T.: -0.001 min
Response: 11718806
Conc: 141.16 ng/ml



#20 AR-1242-5

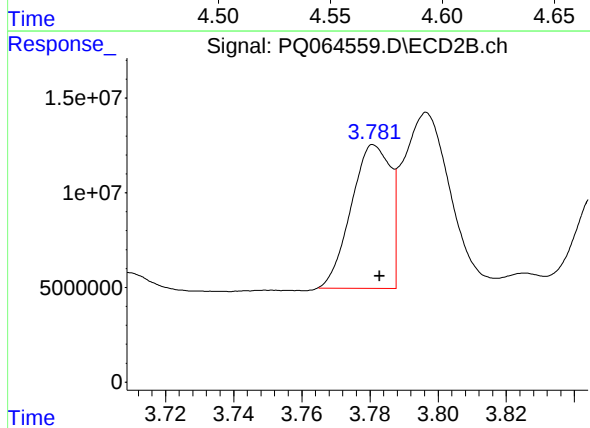
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 45796393
Conc: 474.90 ng/ml



#21 AR-1248-1

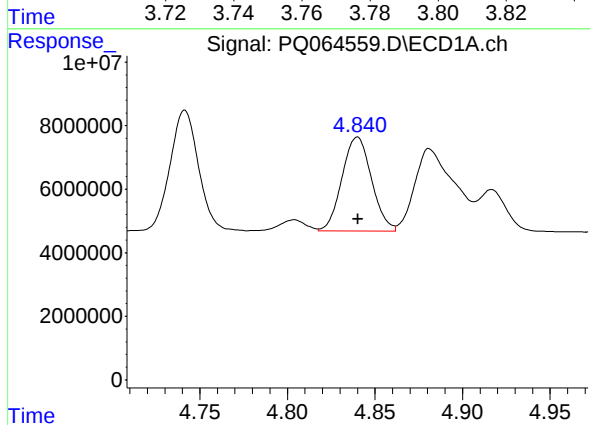
R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 56856925
Conc: 730.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



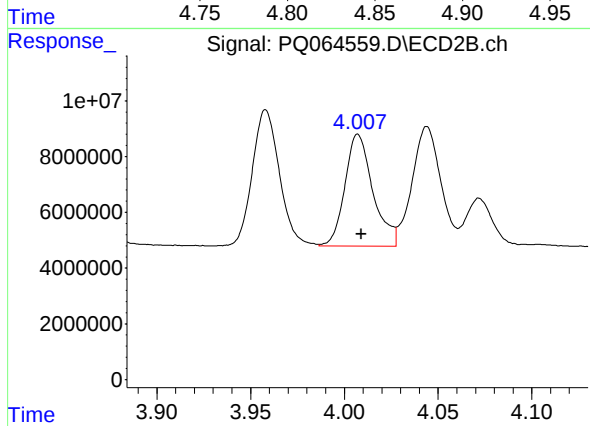
#21 AR-1248-1

R.T.: 3.781 min
Delta R.T.: -0.002 min
Response: 60161166
Conc: 743.55 ng/ml



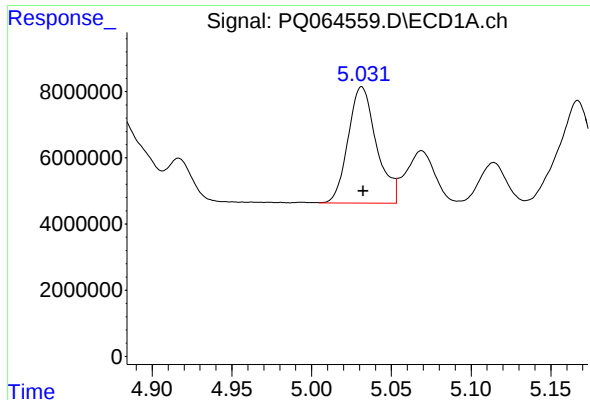
#22 AR-1248-2

R.T.: 4.840 min
Delta R.T.: 0.000 min
Response: 34875563
Conc: 312.51 ng/ml



#22 AR-1248-2

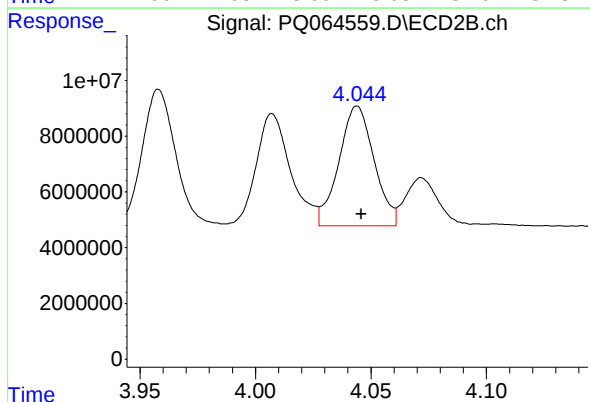
R.T.: 4.007 min
Delta R.T.: -0.002 min
Response: 41738527
Conc: 340.48 ng/ml



#23 AR-1248-3

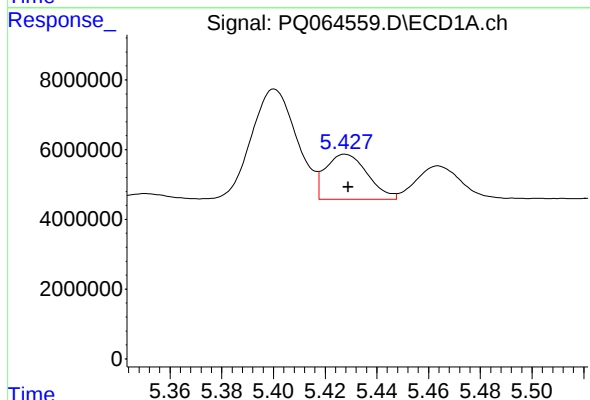
R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 43458318
Conc: 326.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



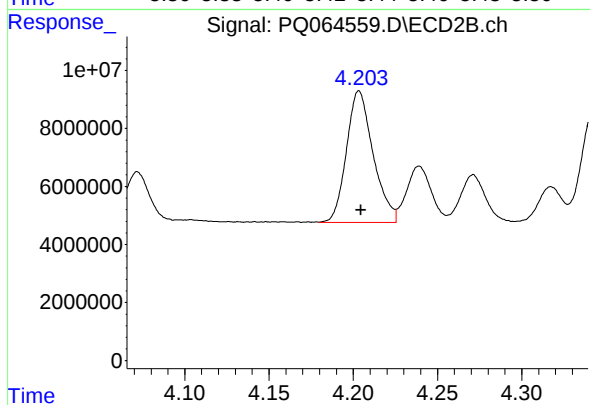
#23 AR-1248-3

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 45640694
Conc: 391.13 ng/ml



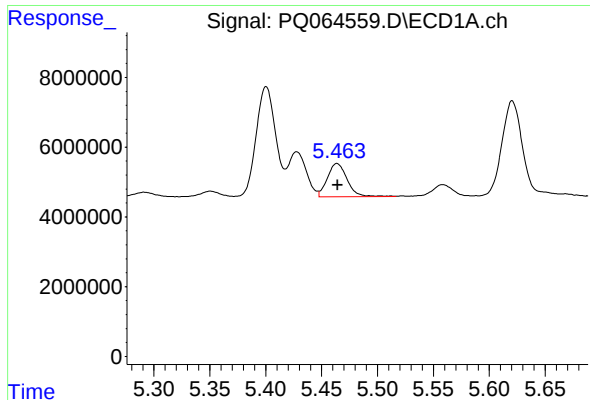
#24 AR-1248-4

R.T.: 5.428 min
Delta R.T.: -0.001 min
Response: 14460611
Conc: 101.04 ng/ml



#24 AR-1248-4

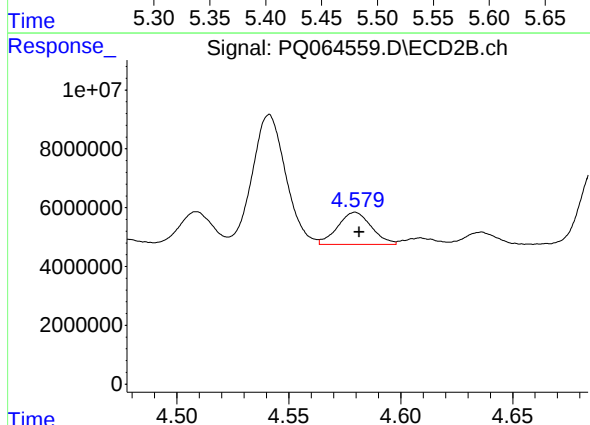
R.T.: 4.203 min
Delta R.T.: -0.001 min
Response: 49927134
Conc: 356.16 ng/ml



#25 AR-1248-5

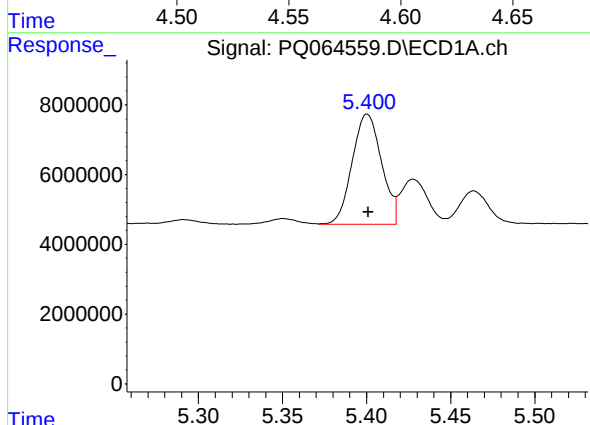
R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 11718806
Conc: 83.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



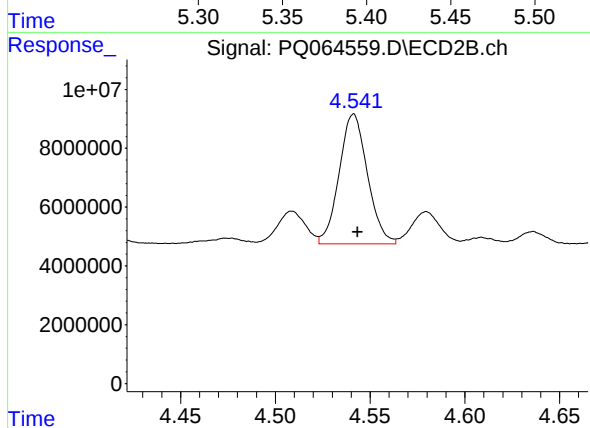
#25 AR-1248-5

R.T.: 4.580 min
Delta R.T.: -0.002 min
Response: 11448162
Conc: 86.03 ng/ml



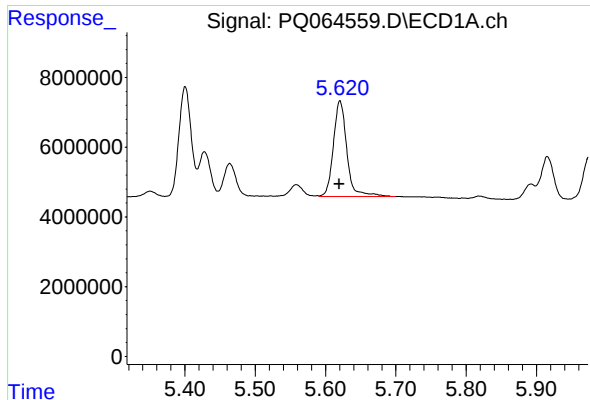
#26 AR-1254-1

R.T.: 5.400 min
Delta R.T.: 0.000 min
Response: 38342343
Conc: 250.33 ng/ml



#26 AR-1254-1

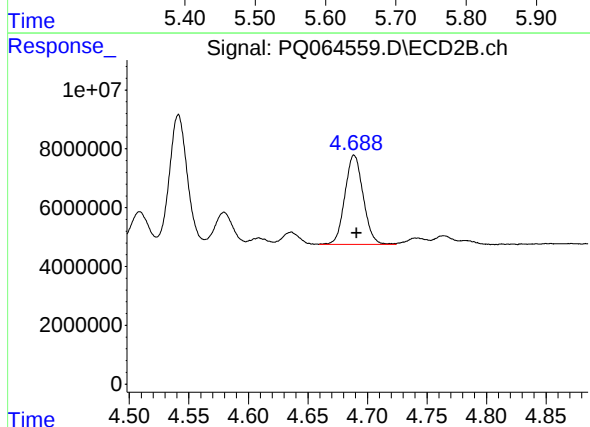
R.T.: 4.541 min
Delta R.T.: -0.002 min
Response: 45796393
Conc: 218.72 ng/ml



#27 AR-1254-2

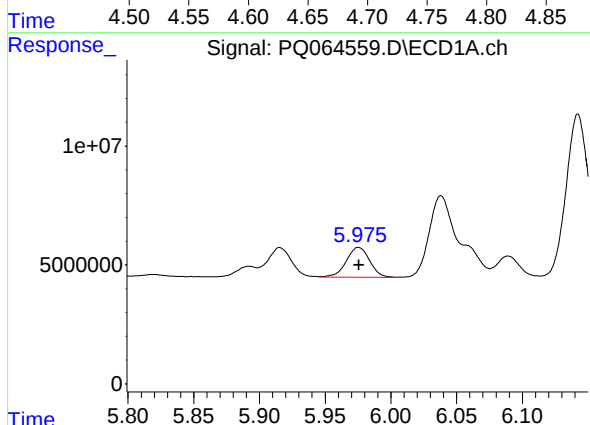
R.T.: 5.620 min
Delta R.T.: 0.001 min
Response: 36480374
Conc: 156.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



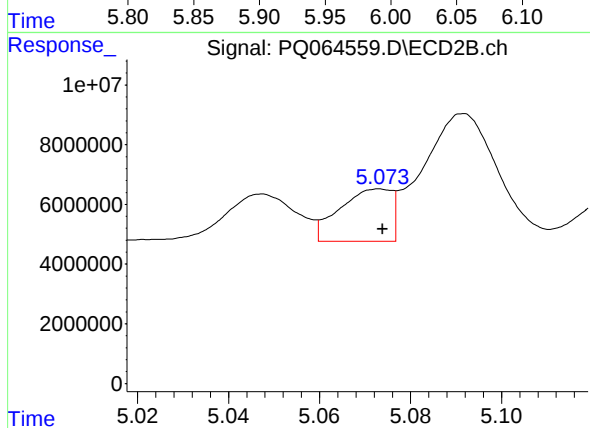
#27 AR-1254-2

R.T.: 4.689 min
Delta R.T.: -0.002 min
Response: 32553644
Conc: 175.98 ng/ml



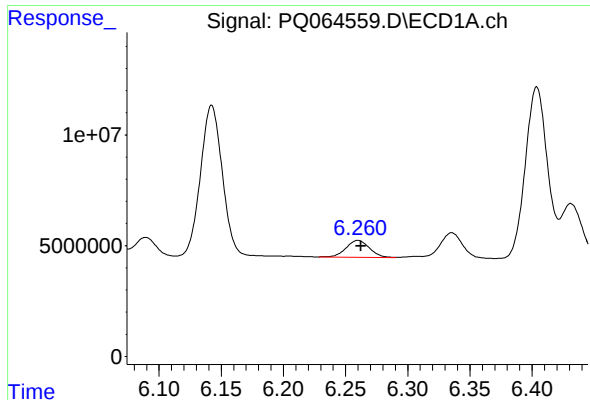
#28 AR-1254-3

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 15462839
Conc: 62.91 ng/ml



#28 AR-1254-3

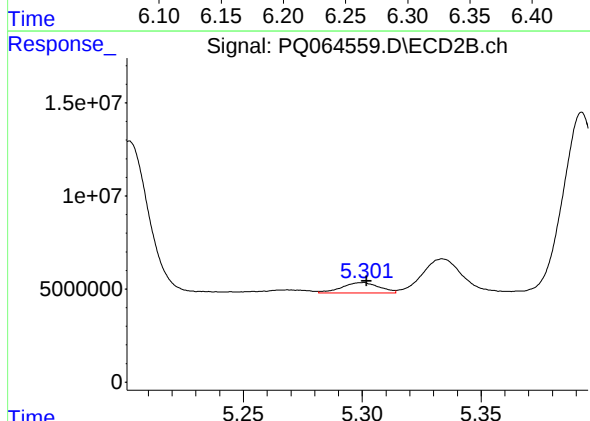
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 13799288
Conc: 48.78 ng/ml



#29 AR-1254-4

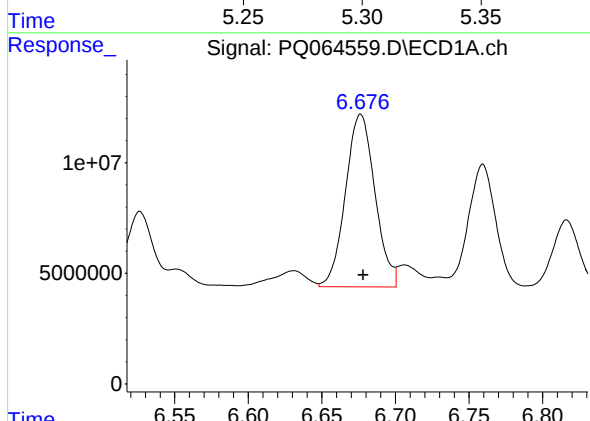
R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 10086393
Conc: 58.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



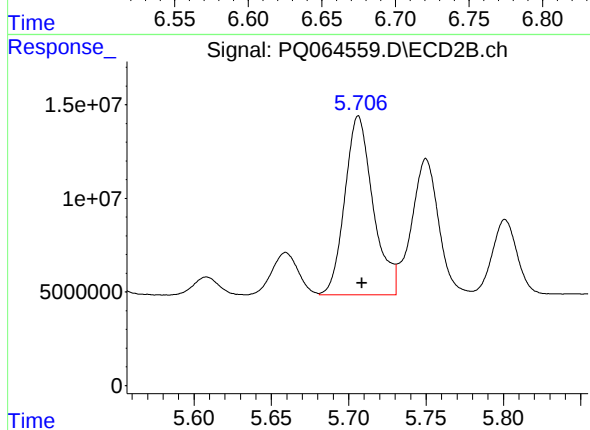
#29 AR-1254-4

R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 6182102
Conc: 33.30 ng/ml



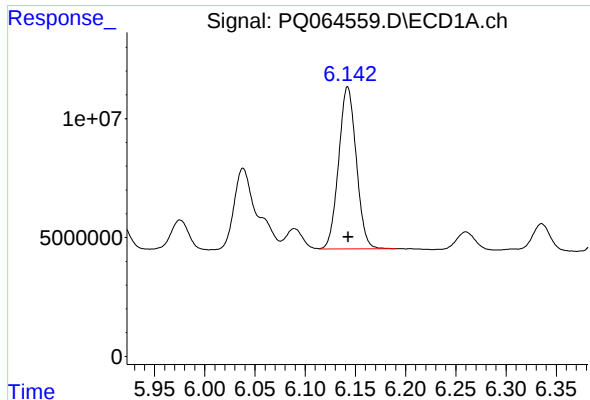
#30 AR-1254-5

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 109008728
Conc: 564.81 ng/ml



#30 AR-1254-5

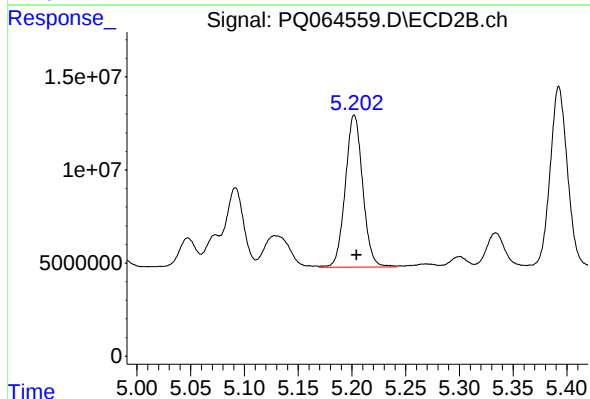
R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 121630505
Conc: 468.44 ng/ml



#31 AR-1260-1

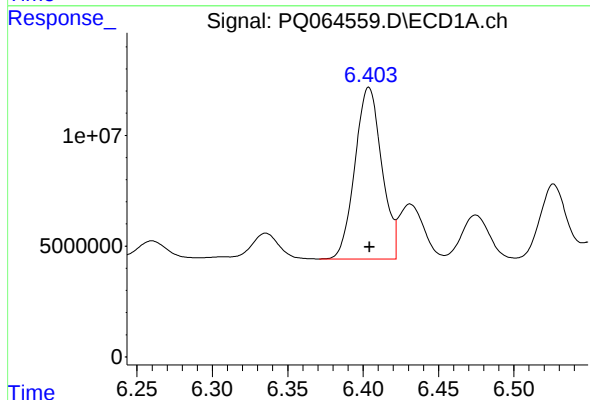
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 83199096
Conc: 444.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



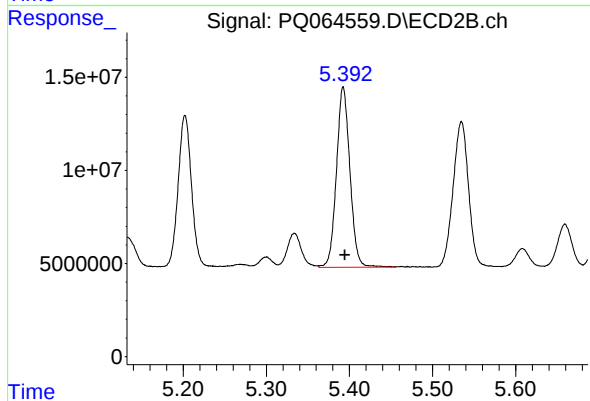
#31 AR-1260-1

R.T.: 5.202 min
Delta R.T.: -0.002 min
Response: 92153086
Conc: 476.51 ng/ml



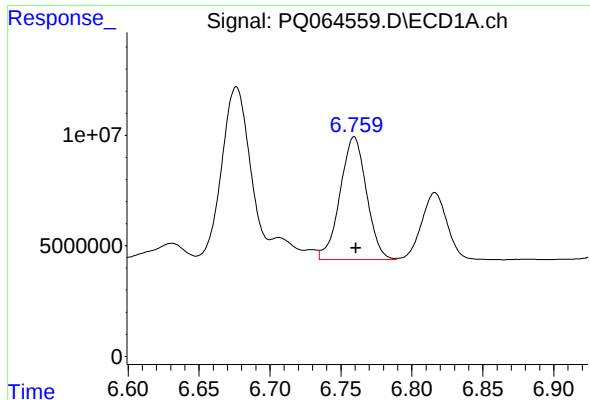
#32 AR-1260-2

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 96170462
Conc: 443.59 ng/ml



#32 AR-1260-2

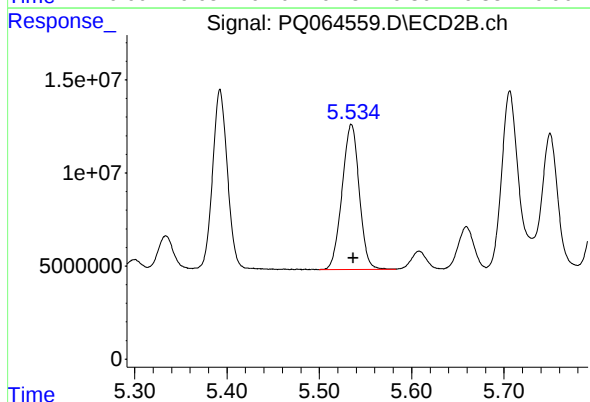
R.T.: 5.393 min
Delta R.T.: -0.002 min
Response: 109433164
Conc: 470.22 ng/ml



#33 AR-1260-3

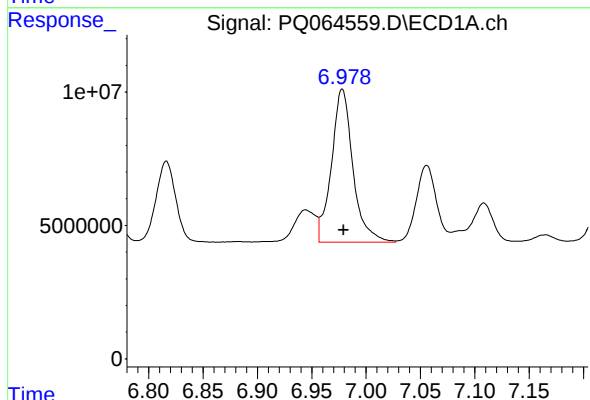
R.T.: 6.759 min
Delta R.T.: -0.001 min
Response: 71982771
Conc: 441.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



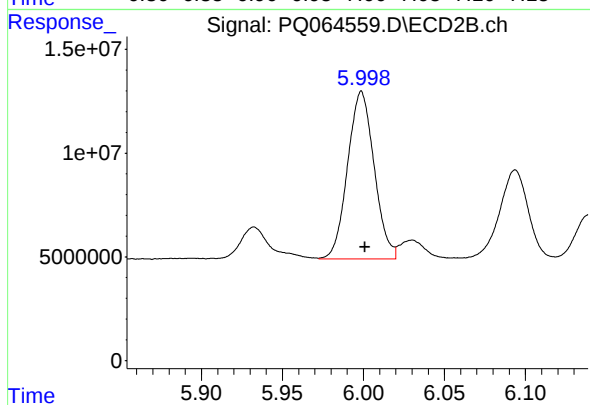
#33 AR-1260-3

R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 100859499
Conc: 464.00 ng/ml



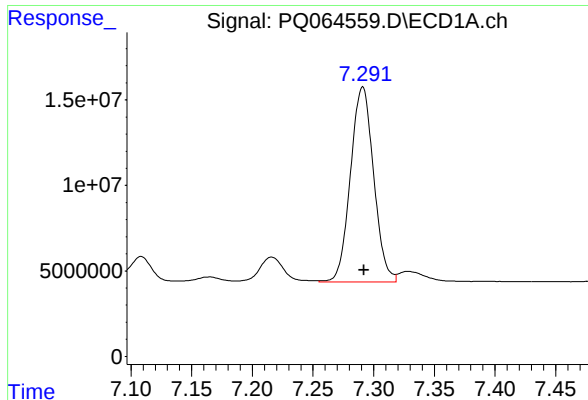
#34 AR-1260-4

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 78924207
Conc: 460.07 ng/ml



#34 AR-1260-4

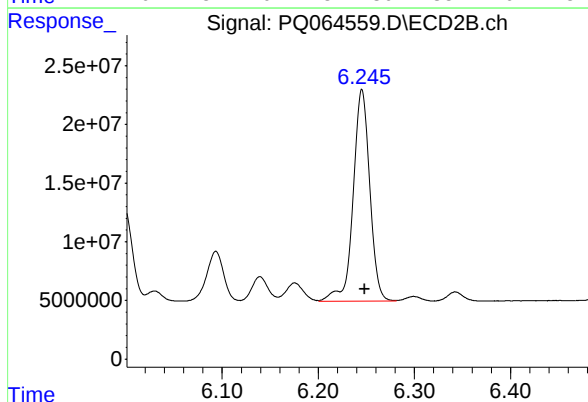
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 92258367
Conc: 500.86 ng/ml



#35 AR-1260-5

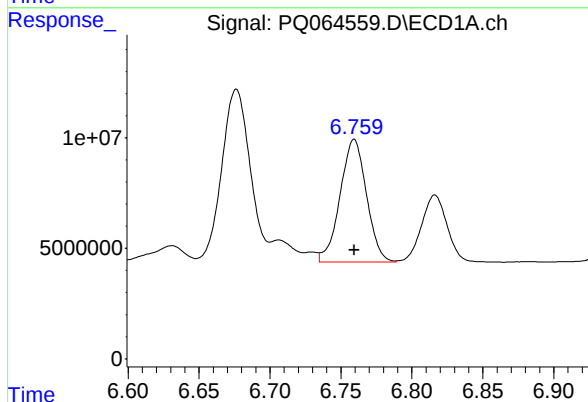
R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 151682815
Conc: 448.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



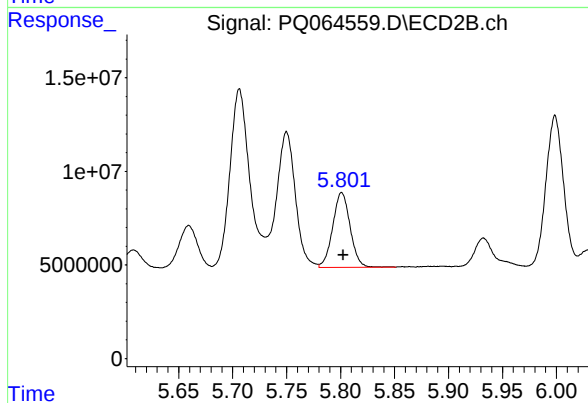
#35 AR-1260-5

R.T.: 6.246 min
Delta R.T.: -0.003 min
Response: 217102142
Conc: 500.67 ng/ml



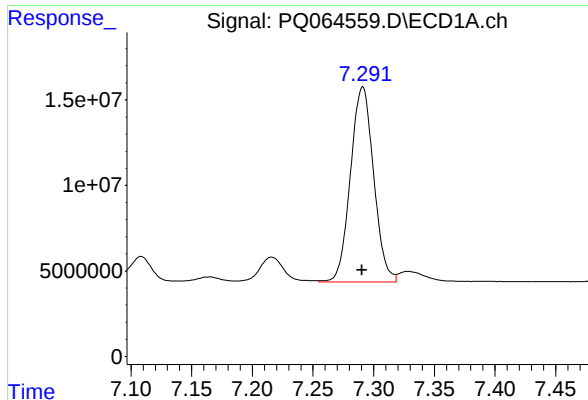
#36 AR-1262-1

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 71982771
Conc: 292.60 ng/ml



#36 AR-1262-1

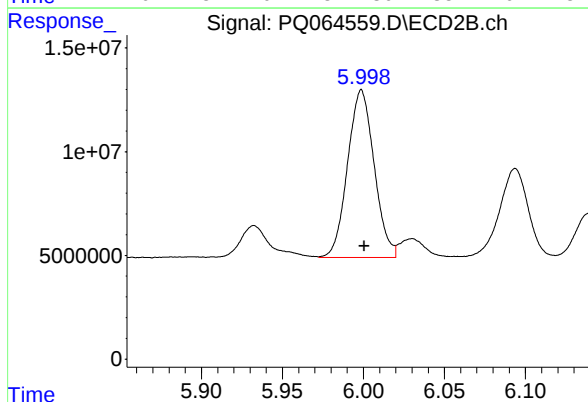
R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 45095532
Conc: 395.91 ng/ml



#37 AR-1262-2

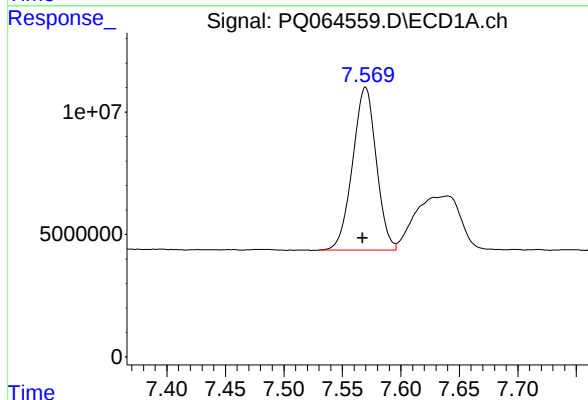
R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 151682815
Conc: 378.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



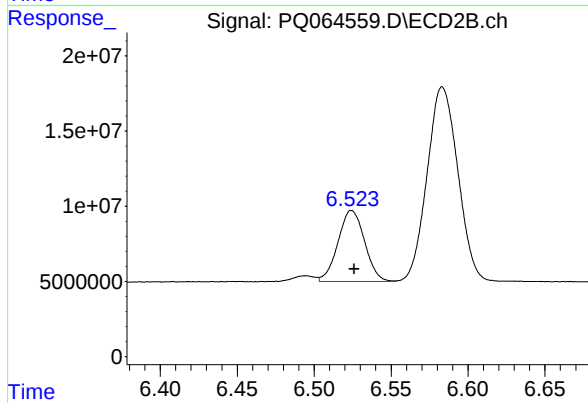
#37 AR-1262-2

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 92258367
Conc: 362.17 ng/ml



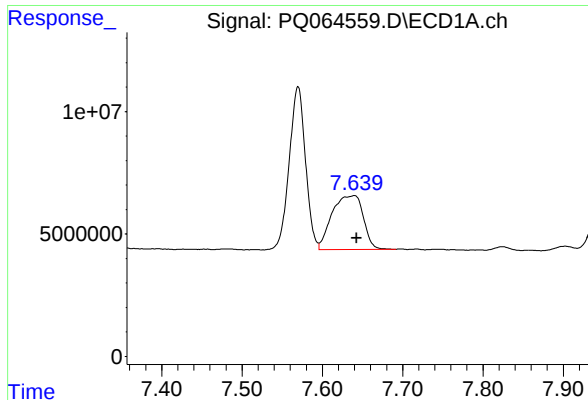
#38 AR-1262-3

R.T.: 7.570 min
Delta R.T.: 0.003 min
Response: 93759522
Conc: 346.65 ng/ml



#38 AR-1262-3

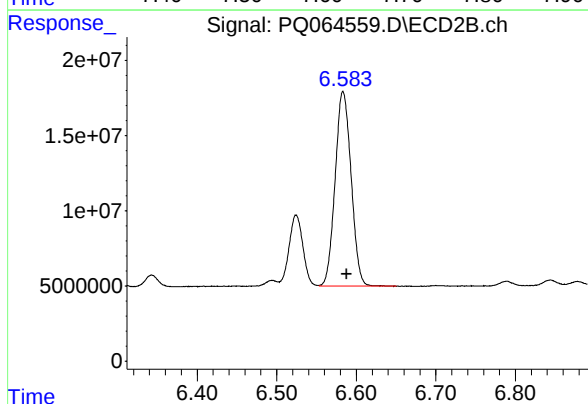
R.T.: 6.524 min
Delta R.T.: -0.002 min
Response: 56805683
Conc: 252.25 ng/ml



#39 AR-1262-4

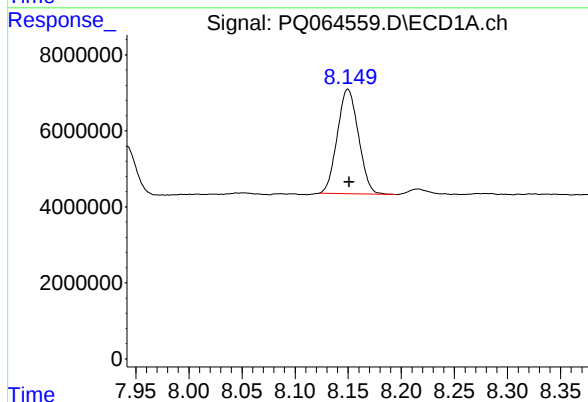
R.T.: 7.640 min
Delta R.T.: -0.003 min
Response: 59618142
Conc: 282.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



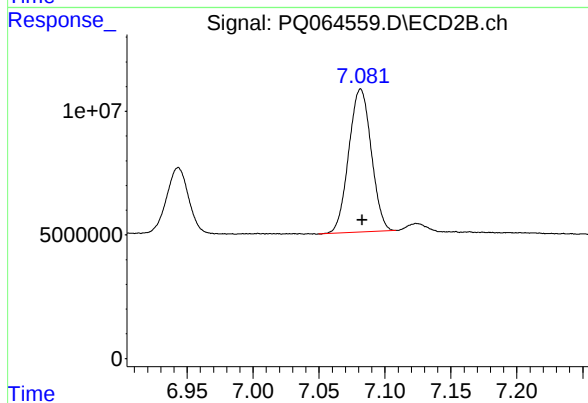
#39 AR-1262-4

R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 180545169
Conc: 417.17 ng/ml



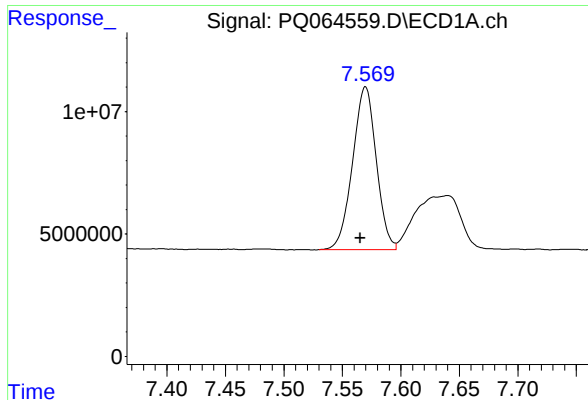
#40 AR-1262-5

R.T.: 8.150 min
Delta R.T.: -0.001 min
Response: 38159242
Conc: 279.97 ng/ml



#40 AR-1262-5

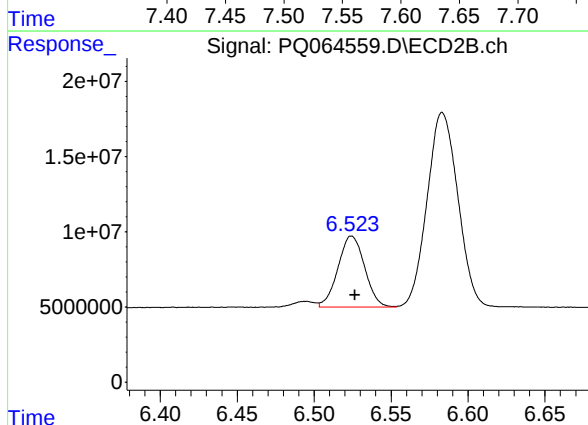
R.T.: 7.082 min
Delta R.T.: -0.001 min
Response: 68721953
Conc: 261.79 ng/ml



#41 AR-1268-1

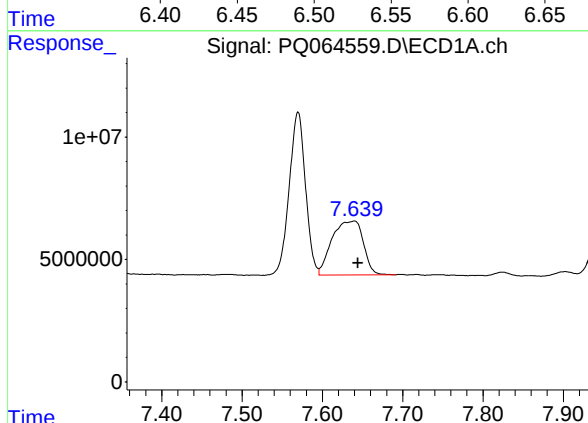
R.T.: 7.570 min
Delta R.T.: 0.005 min
Response: 93759522
Conc: 196.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



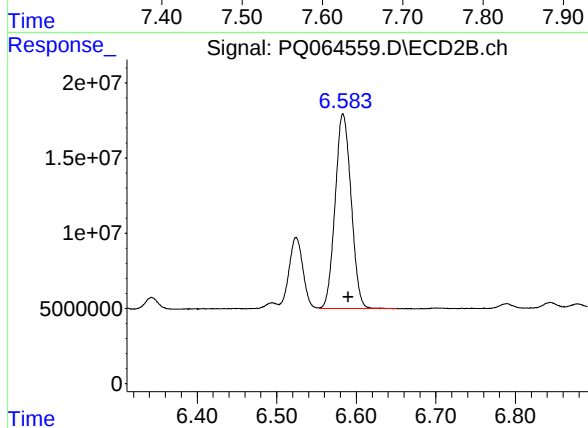
#41 AR-1268-1

R.T.: 6.524 min
Delta R.T.: -0.002 min
Response: 56805683
Conc: 86.29 ng/ml



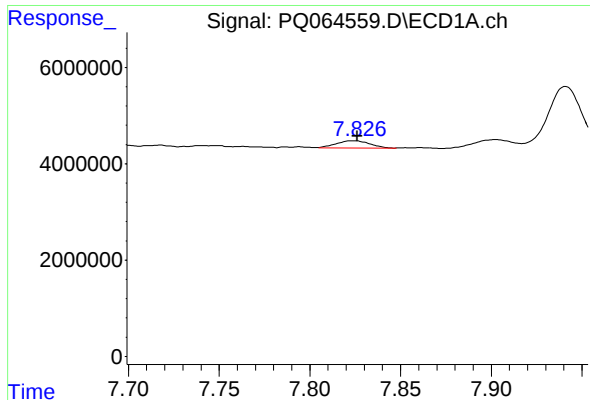
#42 AR-1268-2

R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 59618142
Conc: 137.10 ng/ml



#42 AR-1268-2

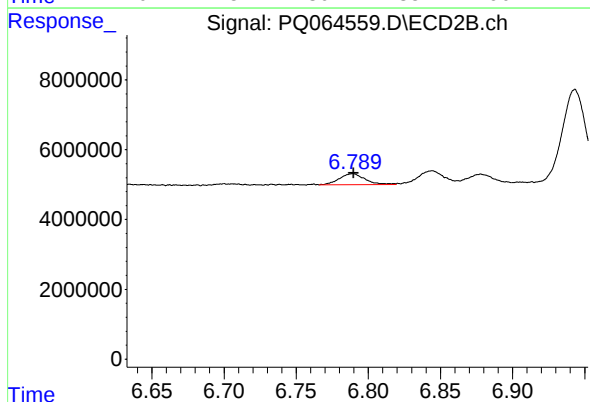
R.T.: 6.583 min
Delta R.T.: -0.006 min
Response: 180545169
Conc: 290.81 ng/ml



#43 AR-1268-3

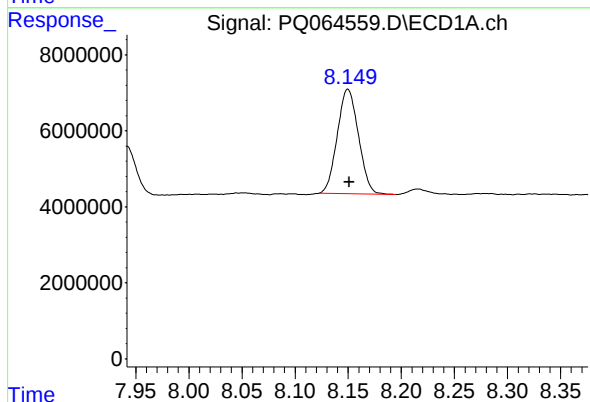
R.T.: 7.824 min
Delta R.T.: -0.002 min
Response: 1997228
Conc: 5.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



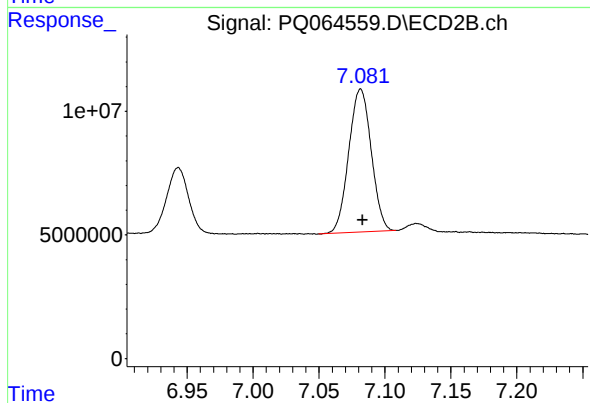
#43 AR-1268-3

R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 4005143
Conc: 6.26 ng/ml



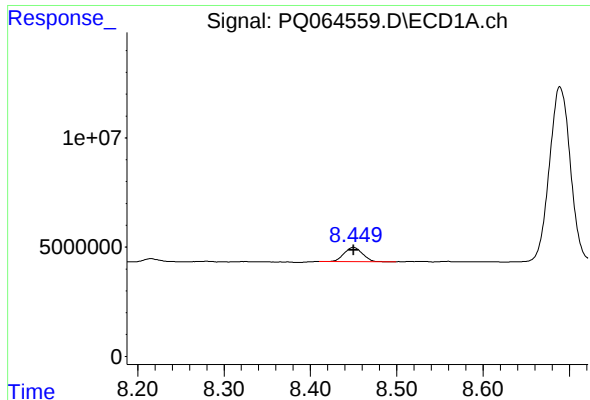
#44 AR-1268-4

R.T.: 8.150 min
Delta R.T.: -0.001 min
Response: 38159242
Conc: 249.30 ng/ml



#44 AR-1268-4

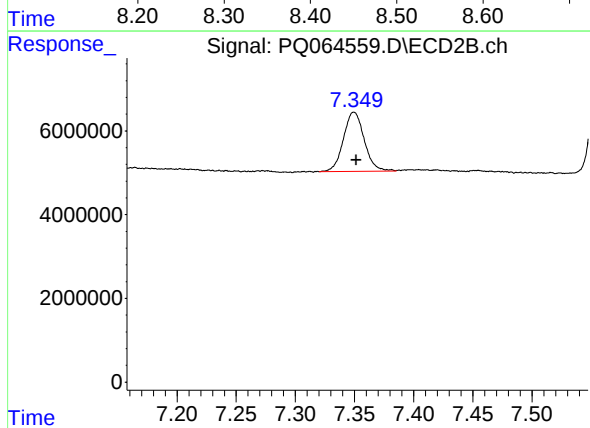
R.T.: 7.082 min
Delta R.T.: -0.001 min
Response: 68721953
Conc: 228.36 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: 0.000 min
Response: 9845791
Conc: 9.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.350 min
Delta R.T.: -0.002 min
Response: 17389665
Conc: 9.21 ng/ml