

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071923\
 Data File : PQ062393.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2023 14:35
 Operator : YP\AJ
 Sample : 03653-11MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 16:23:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.401	2.755	104.4E6	60140954	21.408	23.969
2)	SA Decachlor...	8.583	7.525	78771761	75552859	21.684	22.674
Target Compounds							
3)	L1 AR-1016-1	4.502	3.756	81420283	57903941	494.301	585.034
4)	L1 AR-1016-2	4.521	3.771	131.9E6	86253099	533.549	598.153
5)	L1 AR-1016-3	4.579	3.931	81879239	44444391	537.245	589.115
6)	L1 AR-1016-4	4.670	3.981	67867294	39024714	541.443	594.172
7)	L1 AR-1016-5	4.958	4.176	65265034	48623870	536.204	593.107
8)	L2 AR-1221-1	3.598	2.955	9264513	5618915	154.132	170.288
9)	L2 AR-1221-2	3.681	3.033	10280059	7298973	228.788	287.360 #
10)	L2 AR-1221-3	3.750	3.100	47981091	30704381	341.458	398.288
11)	L3 AR-1232-1	3.750	3.100	47981091	30704381	454.361	535.866
12)	L3 AR-1232-2	4.244	3.771	67625493	86253099	1143.266	1295.968
13)	L3 AR-1232-3	4.521	3.931	131.9E6	44444391	1166.688	1286.194
14)	L3 AR-1232-4	4.670	4.018	67867294	43048222	1197.663	1447.494
15)	L3 AR-1232-5	4.768	4.176	51642441	48623870	1289.449	1363.508
16)	L4 AR-1242-1	4.502	3.756	81420283	57903941	622.936	748.702
17)	L4 AR-1242-2	4.521	3.771	131.9E6	86253099	679.566	775.946
18)	L4 AR-1242-3	4.579	3.931	81879239	44444391	677.561	758.747
19)	L4 AR-1242-4	4.670	4.018	67867294	43048222	696.177	734.258
20)	L4 AR-1242-5	5.386	4.511	8307737	38430599	86.783	463.619 #
21)	L5 AR-1248-1	4.502	3.756	81420283	57903941	783.048	926.161
22)	L5 AR-1248-2	4.768	3.981	51642441	39024714	359.472	416.180
23)	L5 AR-1248-3	4.958	4.018	65265034	43048222	375.707	475.441 #
24)	L5 AR-1248-4	5.353	4.176	6146586	48623870	32.025	430.912 #
25)	L5 AR-1248-5	5.386	4.549	8307737	6389361	45.868	57.031
26)	L6 AR-1254-1	5.324	4.511	47437663	38430599	255.286	238.015
27)	L6 AR-1254-2	5.542	4.658	56003788	37651900	192.643	255.745 #
28)	L6 AR-1254-3	5.895	5.039	30685830	20380926	99.908	87.209
29)	L6 AR-1254-4	6.178	5.265	19587207	9263627	84.357	60.779 #
30)	L6 AR-1254-5	6.592	5.670	184.5E6	148.2E6	718.392	642.078
31)	L7 AR-1260-1	6.060	5.168	125.4E6	96494562	531.487	579.362
32)	L7 AR-1260-2	6.321	5.358	151.5E6	118.7E6	524.729	570.748
33)	L7 AR-1260-3	6.675	5.499	94004427	113.4E6	532.373	583.049
34)	L7 AR-1260-4	6.891	5.961	110.8E6	84456349	526.025	579.017
35)	L7 AR-1260-5	7.203	6.208	224.8E6	193.5E6	547.562	582.800
36)	L8 AR-1262-1	6.675	5.714	94004427	83451385	308.270	358.975
37)	L8 AR-1262-2	7.203	5.961	224.8E6	84456349	426.862	390.627
38)	L8 AR-1262-3	7.482	6.486	144.0E6	41495264	408.654	238.030 #
39)	L8 AR-1262-4	7.553	6.543	31801532	154.7E6	119.232	480.064 #
40)	L8 AR-1262-5	8.058	7.041	53256973	50265510	300.024	324.054
41)	L9 AR-1268-1	7.482	6.486	144.0E6	41495264	253.702	88.187 #

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 Acq On : 19 Jul 2023 14:35
 Operator : YP\AJ
 Sample : 03653-11MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

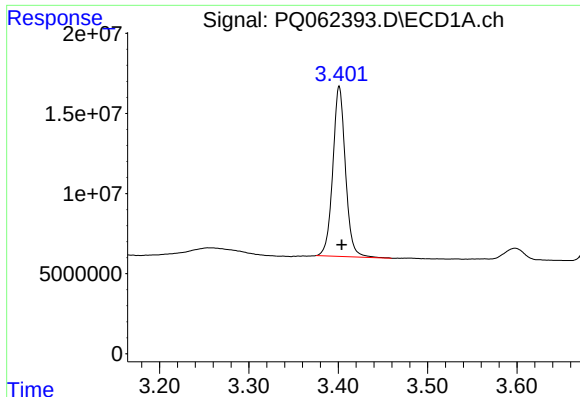
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 16:23:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
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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	7.553	6.543	31801532	154.7E6	62.372	365.167 #
43) L9	AR-1268-3	7.735	6.747	4058034	3910315	9.509	10.617
44) L9	AR-1268-4	8.058	7.041	53256973	50265510	291.045	314.285
45) L9	AR-1268-5	8.350	7.309	17245662	19546798	13.679	16.750

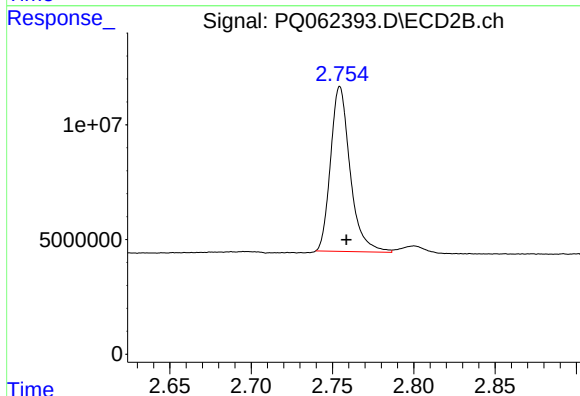
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

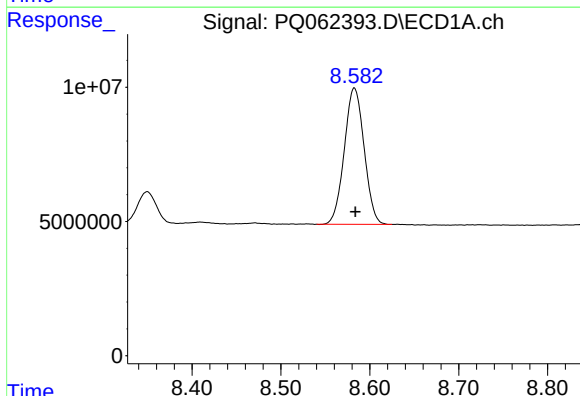
R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 104434753
Conc: 21.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



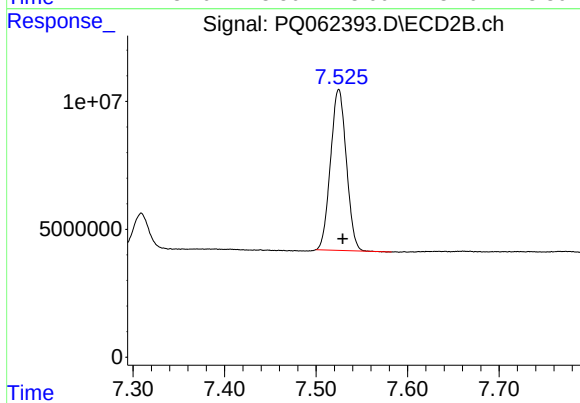
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 60140954
Conc: 23.97 ng/ml



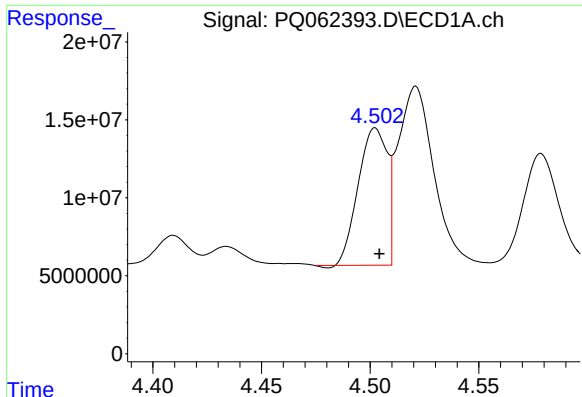
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: -0.001 min
Response: 78771761
Conc: 21.68 ng/ml



#2 Decachlorobiphenyl

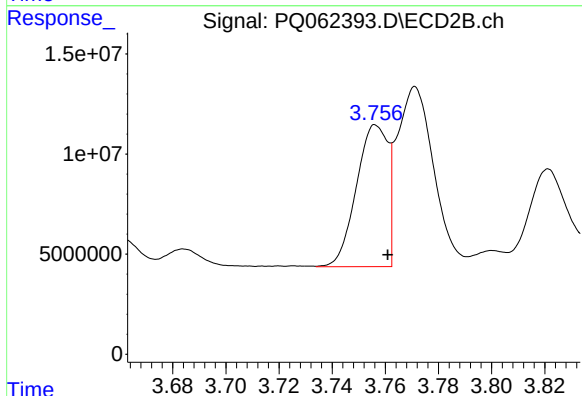
R.T.: 7.525 min
Delta R.T.: -0.004 min
Response: 75552859
Conc: 22.67 ng/ml



#3 AR-1016-1

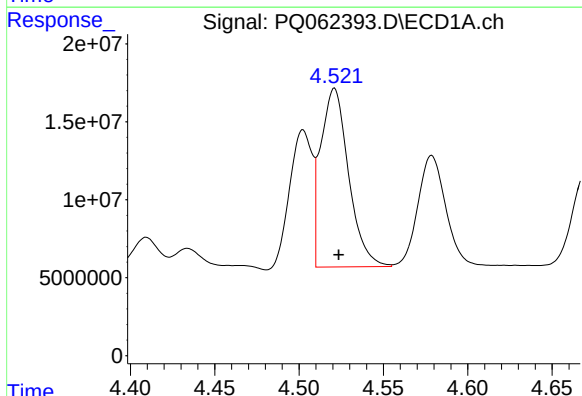
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 81420283
Conc: 494.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



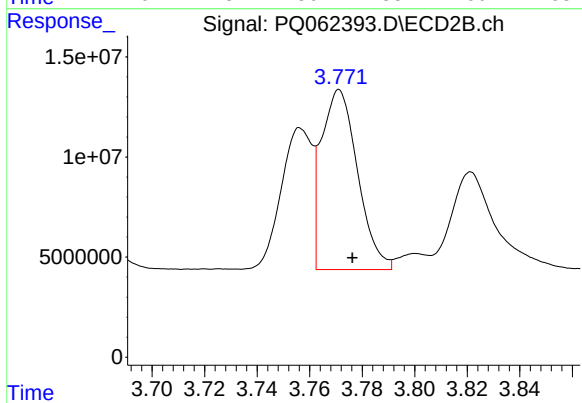
#3 AR-1016-1

R.T.: 3.756 min
Delta R.T.: -0.005 min
Response: 57903941
Conc: 585.03 ng/ml



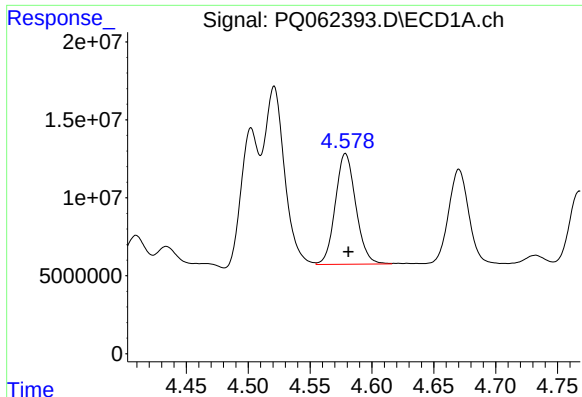
#4 AR-1016-2

R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 131929773
Conc: 533.55 ng/ml



#4 AR-1016-2

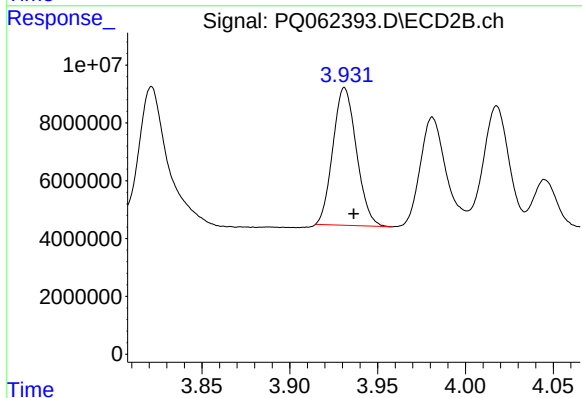
R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 86253099
Conc: 598.15 ng/ml



#5 AR-1016-3

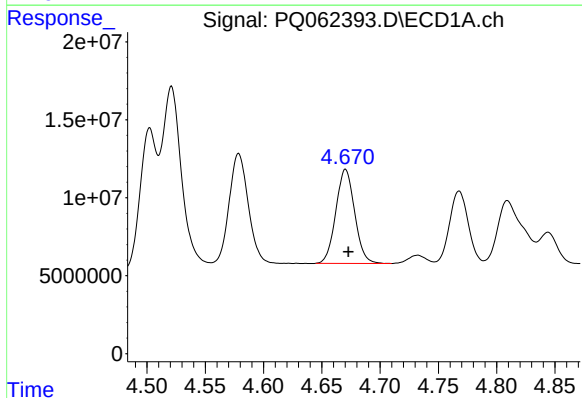
R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 81879239
Conc: 537.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



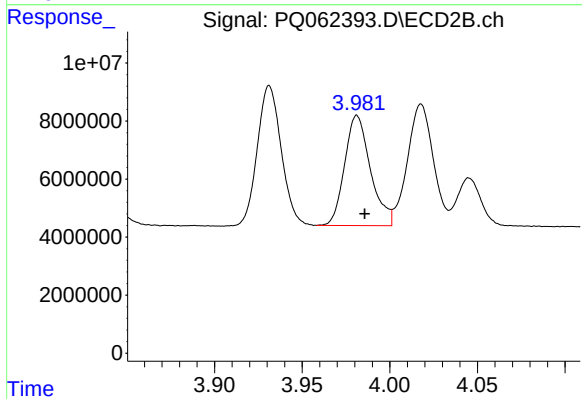
#5 AR-1016-3

R.T.: 3.931 min
Delta R.T.: -0.005 min
Response: 44444391
Conc: 589.11 ng/ml



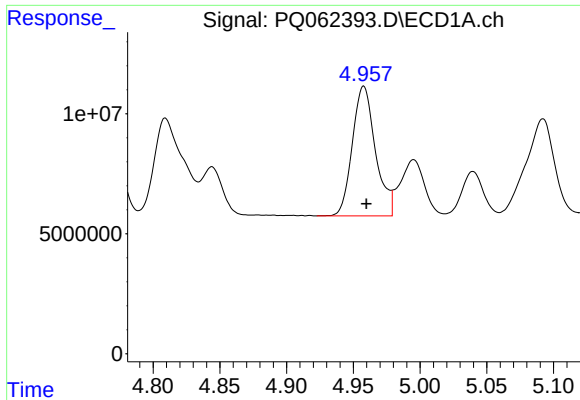
#6 AR-1016-4

R.T.: 4.670 min
Delta R.T.: -0.002 min
Response: 67867294
Conc: 541.44 ng/ml



#6 AR-1016-4

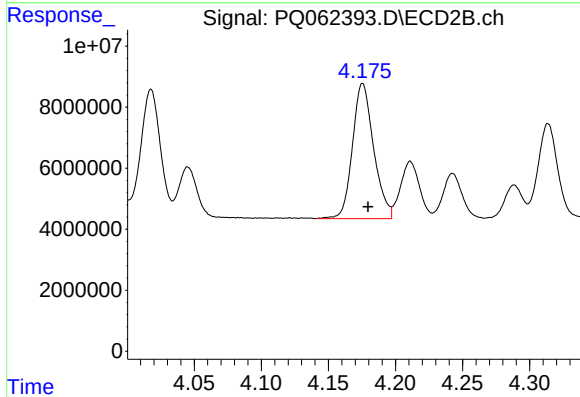
R.T.: 3.981 min
Delta R.T.: -0.004 min
Response: 39024714
Conc: 594.17 ng/ml



#7 AR-1016-5

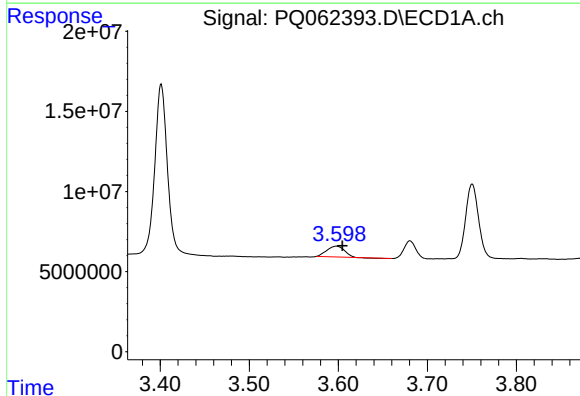
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 65265034
Conc: 536.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



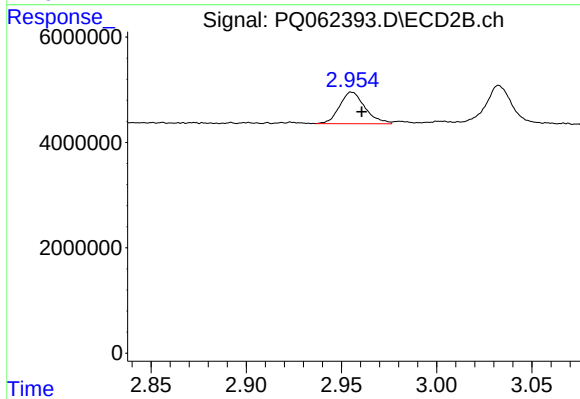
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 48623870
Conc: 593.11 ng/ml



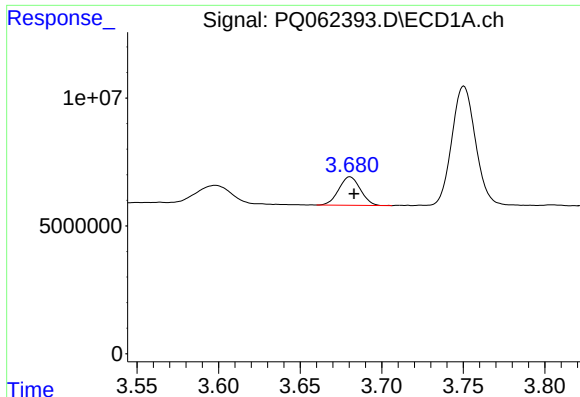
#8 AR-1221-1

R.T.: 3.598 min
Delta R.T.: -0.007 min
Response: 9264513
Conc: 154.13 ng/ml



#8 AR-1221-1

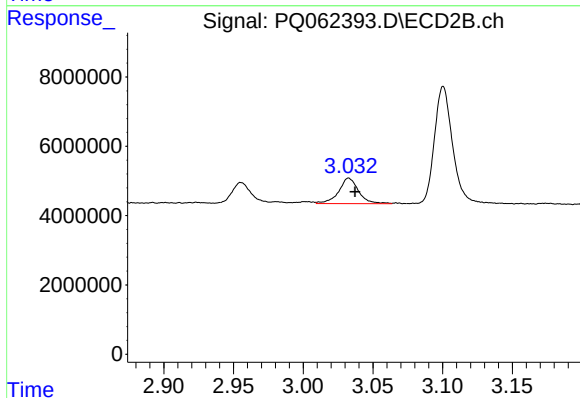
R.T.: 2.955 min
Delta R.T.: -0.005 min
Response: 5618915
Conc: 170.29 ng/ml



#9 AR-1221-2

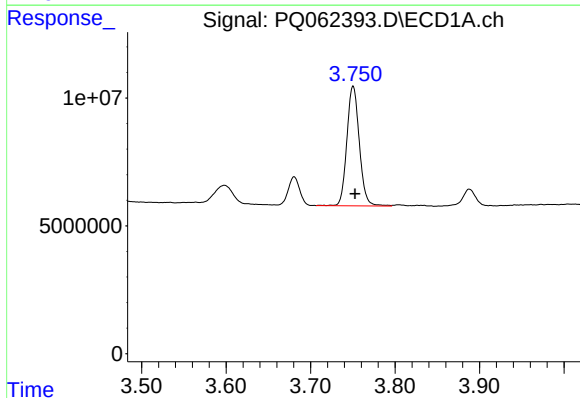
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 10280059
Conc: 228.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



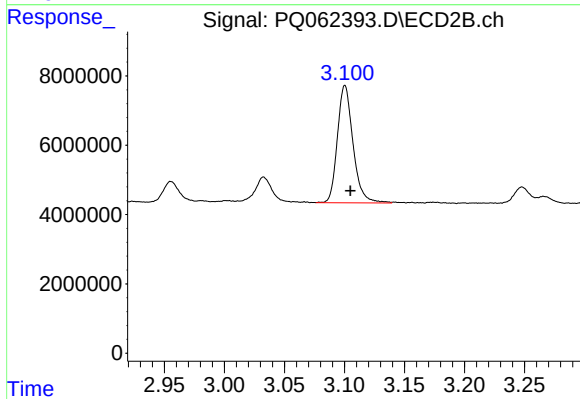
#9 AR-1221-2

R.T.: 3.033 min
Delta R.T.: -0.004 min
Response: 7298973
Conc: 287.36 ng/ml



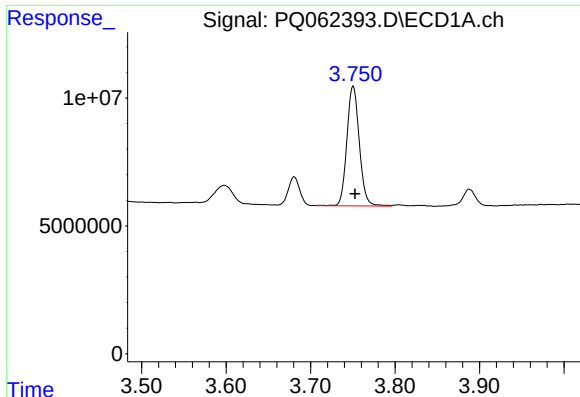
#10 AR-1221-3

R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 47981091
Conc: 341.46 ng/ml



#10 AR-1221-3

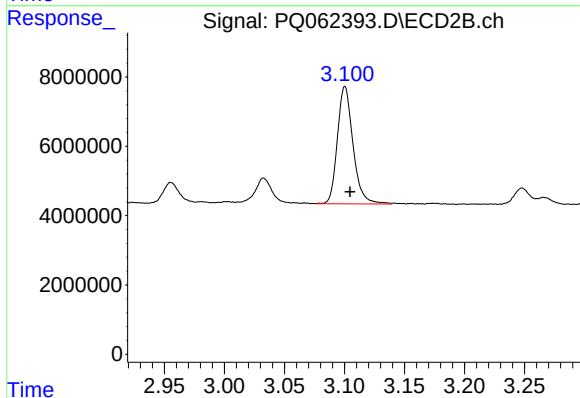
R.T.: 3.100 min
Delta R.T.: -0.005 min
Response: 30704381
Conc: 398.29 ng/ml



#11 AR-1232-1

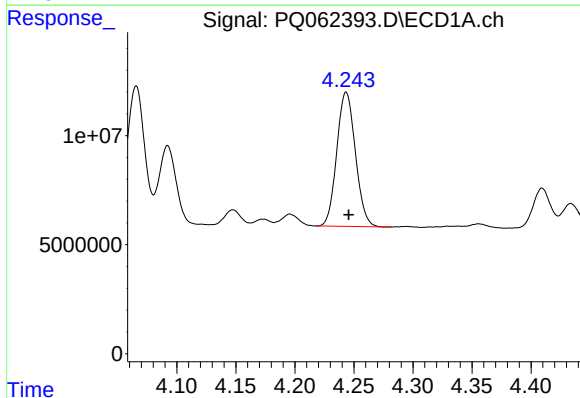
R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 47981091
Conc: 454.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



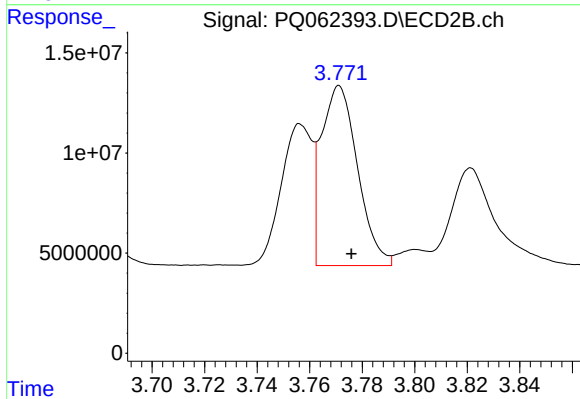
#11 AR-1232-1

R.T.: 3.100 min
Delta R.T.: -0.004 min
Response: 30704381
Conc: 535.87 ng/ml



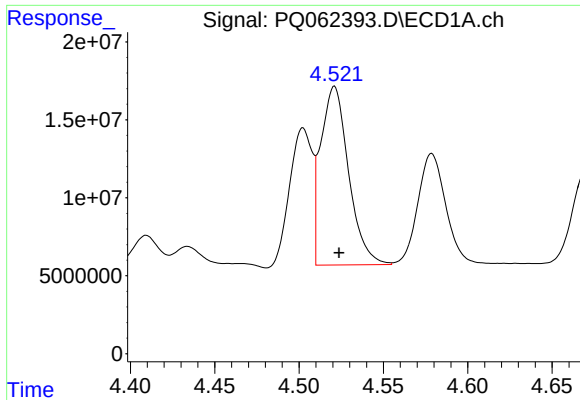
#12 AR-1232-2

R.T.: 4.244 min
Delta R.T.: -0.002 min
Response: 67625493
Conc: 1143.27 ng/ml



#12 AR-1232-2

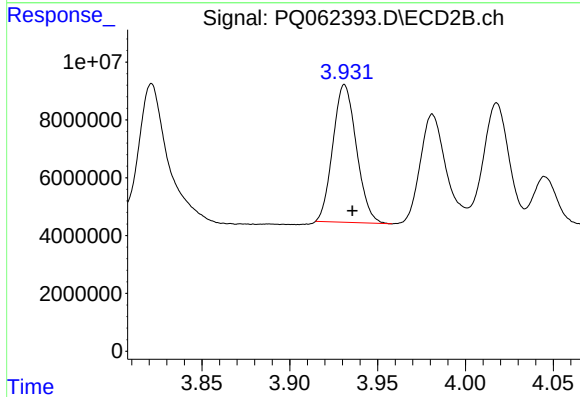
R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 86253099
Conc: 1295.97 ng/ml



#13 AR-1232-3

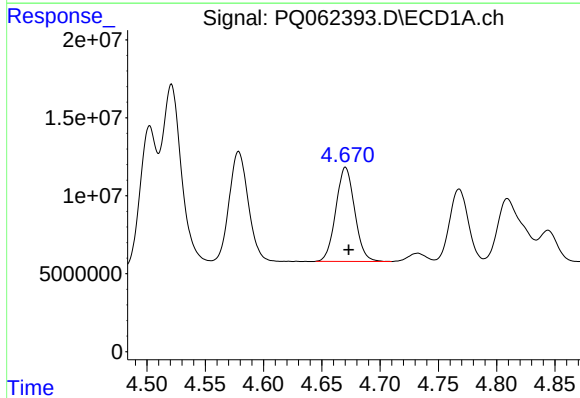
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 131929773
Conc: 1166.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



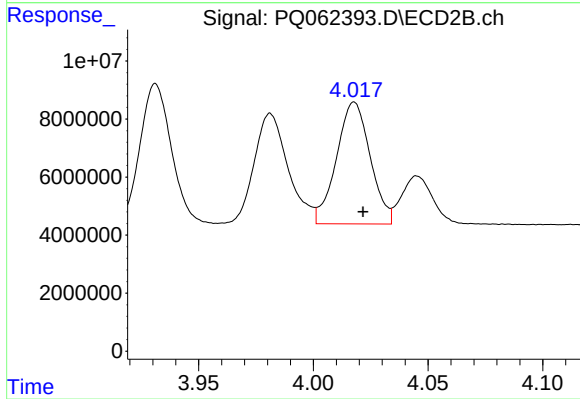
#13 AR-1232-3

R.T.: 3.931 min
Delta R.T.: -0.004 min
Response: 44444391
Conc: 1286.19 ng/ml



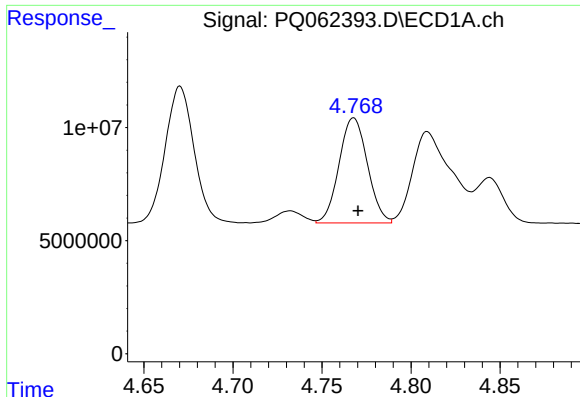
#14 AR-1232-4

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 67867294
Conc: 1197.66 ng/ml



#14 AR-1232-4

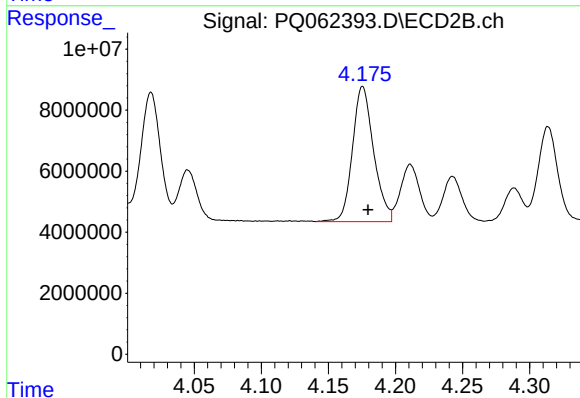
R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 43048222
Conc: 1447.49 ng/ml



#15 AR-1232-5

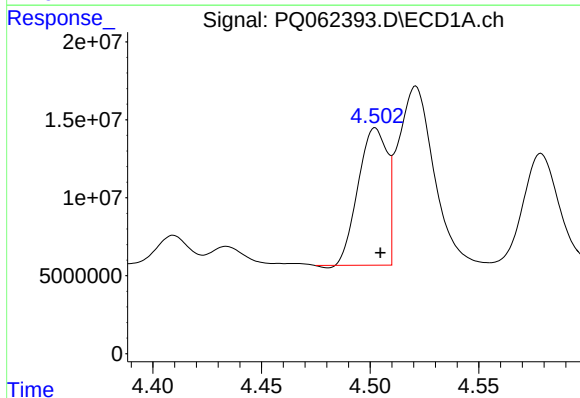
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 51642441
Conc: 1289.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



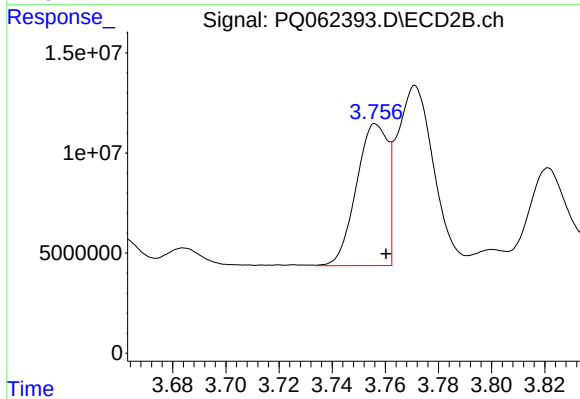
#15 AR-1232-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 48623870
Conc: 1363.51 ng/ml



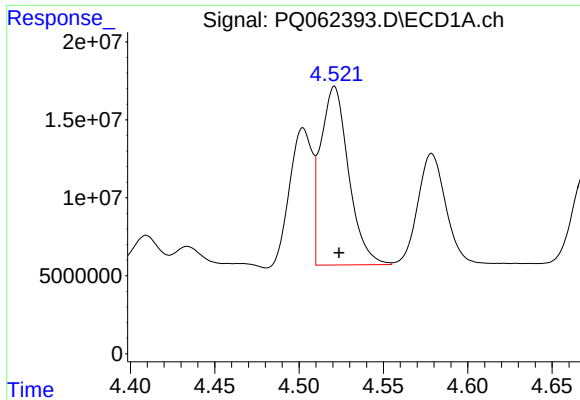
#16 AR-1242-1

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 81420283
Conc: 622.94 ng/ml



#16 AR-1242-1

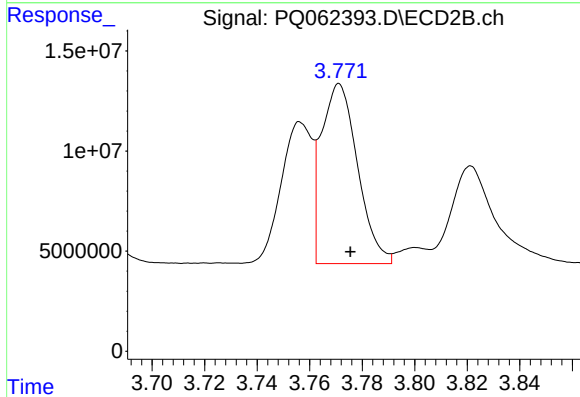
R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 57903941
Conc: 748.70 ng/ml



#17 AR-1242-2

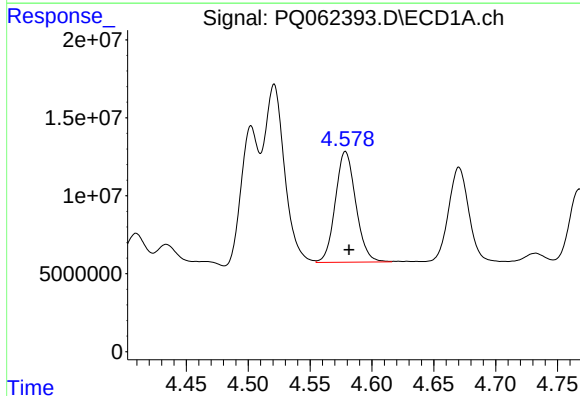
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 131929773
Conc: 679.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



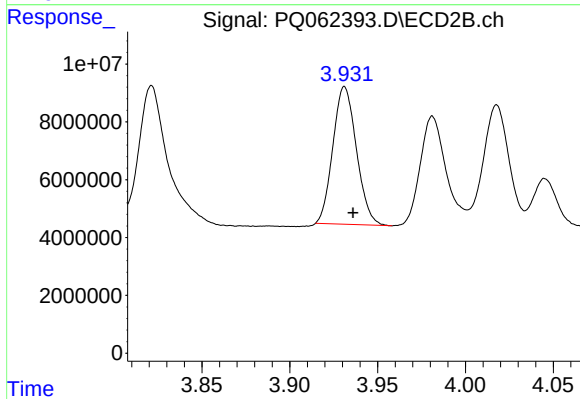
#17 AR-1242-2

R.T.: 3.771 min
Delta R.T.: -0.004 min
Response: 86253099
Conc: 775.95 ng/ml



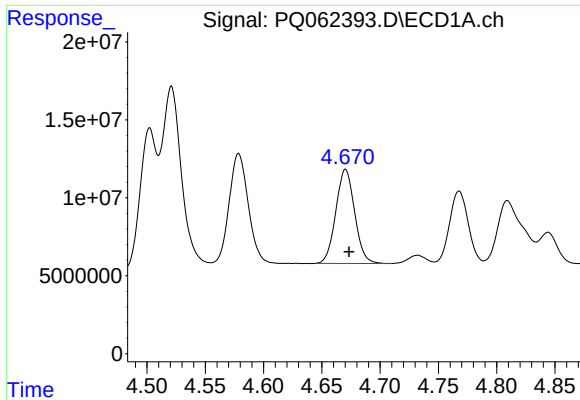
#18 AR-1242-3

R.T.: 4.579 min
Delta R.T.: -0.003 min
Response: 81879239
Conc: 677.56 ng/ml



#18 AR-1242-3

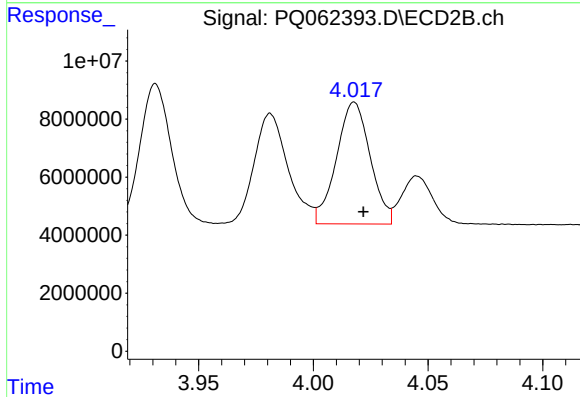
R.T.: 3.931 min
Delta R.T.: -0.005 min
Response: 44444391
Conc: 758.75 ng/ml



#19 AR-1242-4

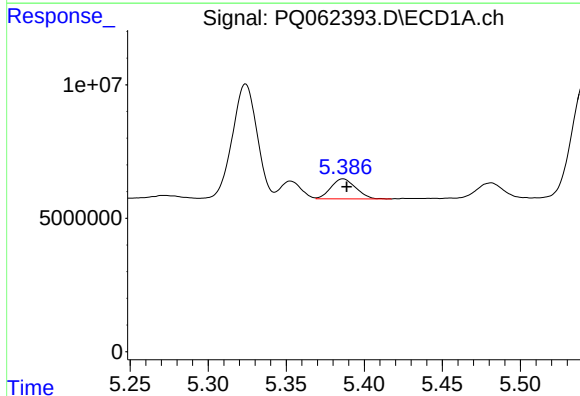
R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 67867294
Conc: 696.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



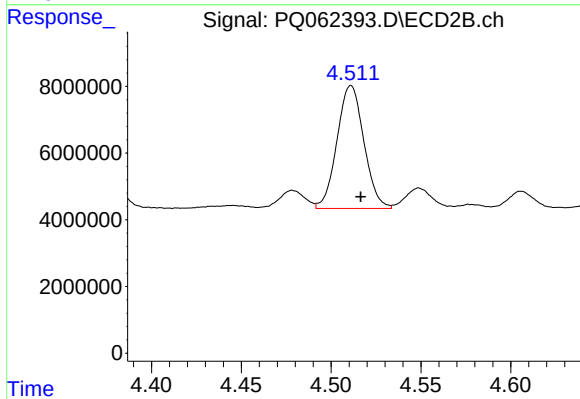
#19 AR-1242-4

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 43048222
Conc: 734.26 ng/ml



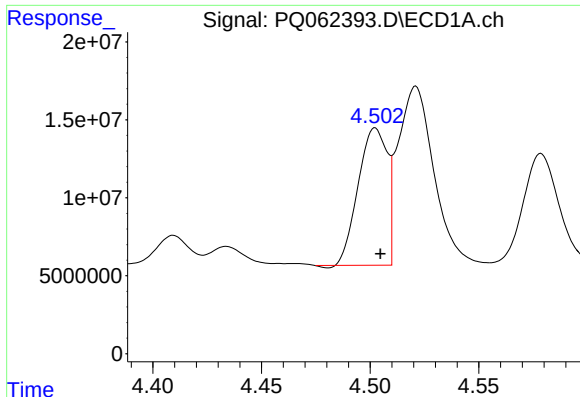
#20 AR-1242-5

R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 8307737
Conc: 86.78 ng/ml



#20 AR-1242-5

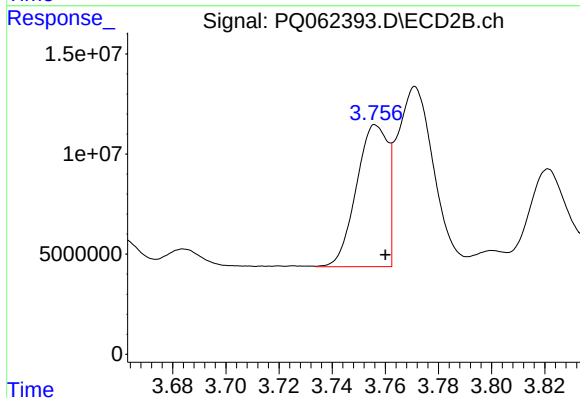
R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 38430599
Conc: 463.62 ng/ml



#21 AR-1248-1

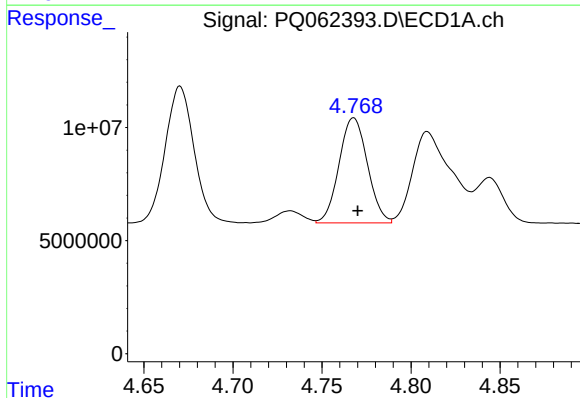
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 81420283
Conc: 783.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



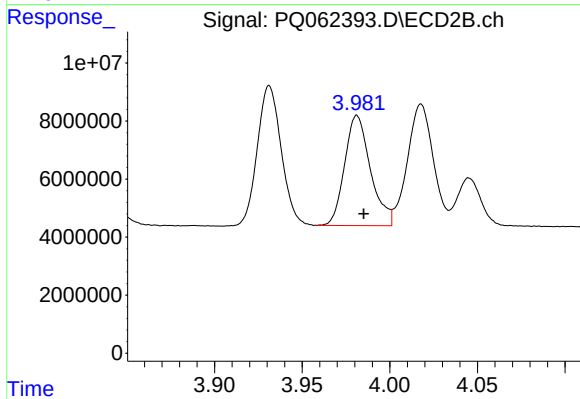
#21 AR-1248-1

R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 57903941
Conc: 926.16 ng/ml



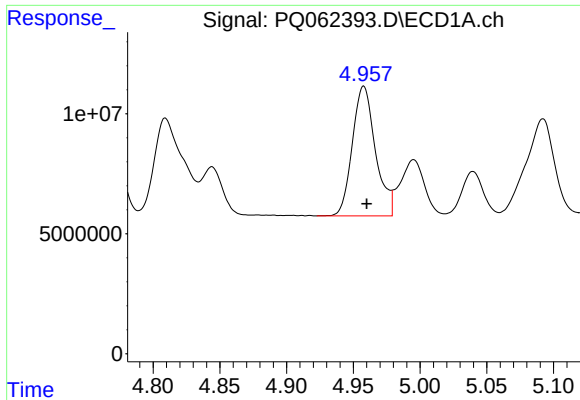
#22 AR-1248-2

R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 51642441
Conc: 359.47 ng/ml



#22 AR-1248-2

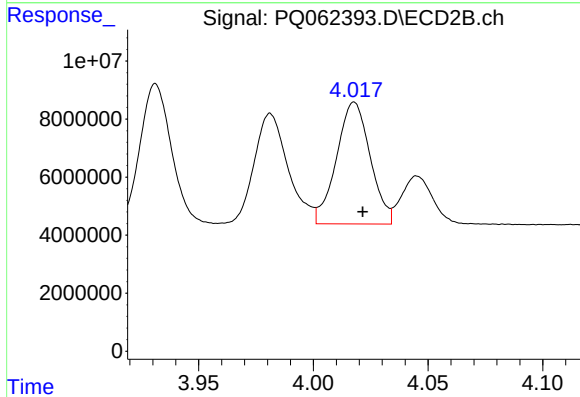
R.T.: 3.981 min
Delta R.T.: -0.004 min
Response: 39024714
Conc: 416.18 ng/ml



#23 AR-1248-3

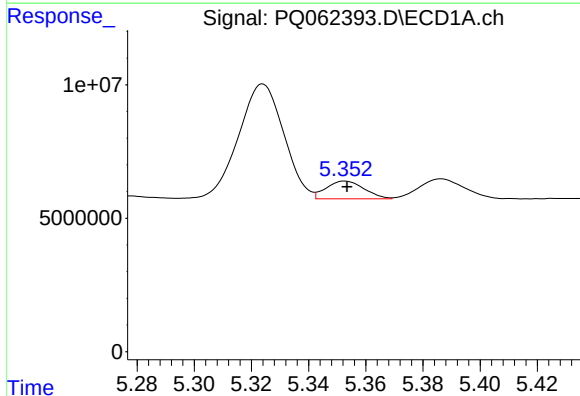
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 65265034
Conc: 375.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



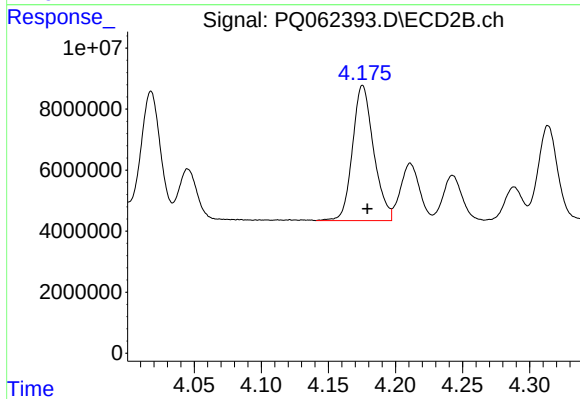
#23 AR-1248-3

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 43048222
Conc: 475.44 ng/ml



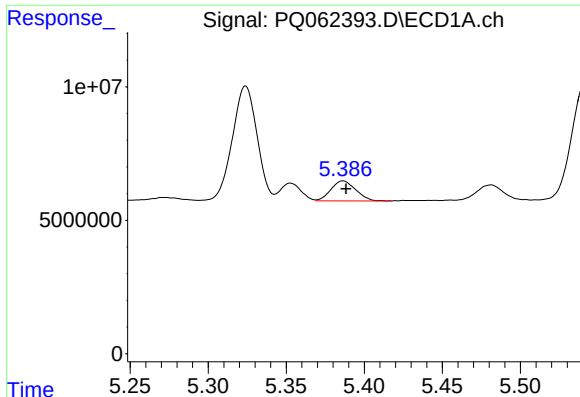
#24 AR-1248-4

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 6146586
Conc: 32.03 ng/ml



#24 AR-1248-4

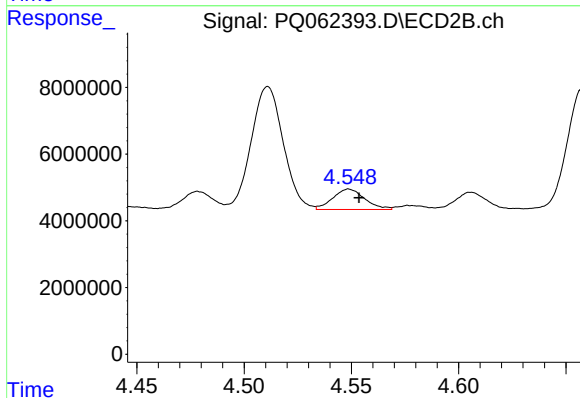
R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 48623870
Conc: 430.91 ng/ml



#25 AR-1248-5

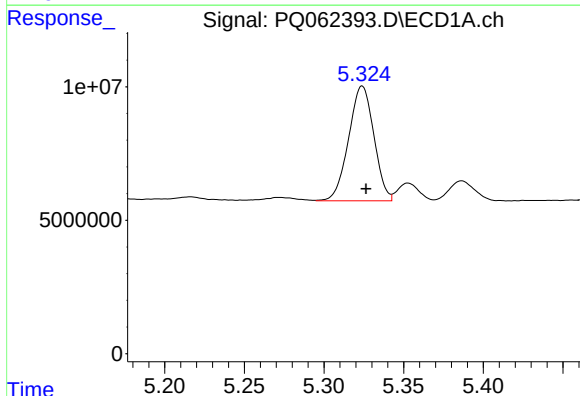
R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 8307737
Conc: 45.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



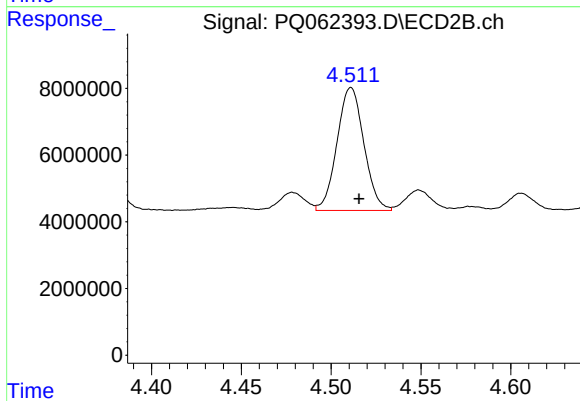
#25 AR-1248-5

R.T.: 4.549 min
Delta R.T.: -0.005 min
Response: 6389361
Conc: 57.03 ng/ml



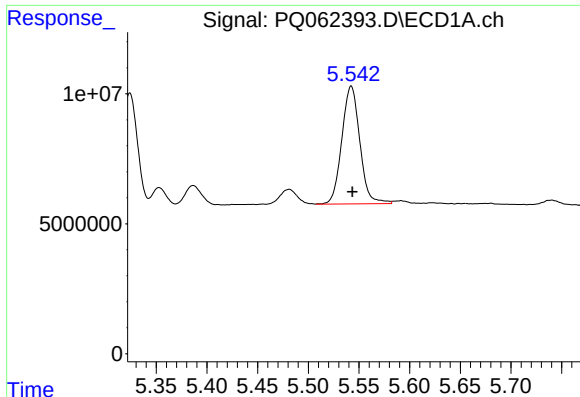
#26 AR-1254-1

R.T.: 5.324 min
Delta R.T.: -0.002 min
Response: 47437663
Conc: 255.29 ng/ml



#26 AR-1254-1

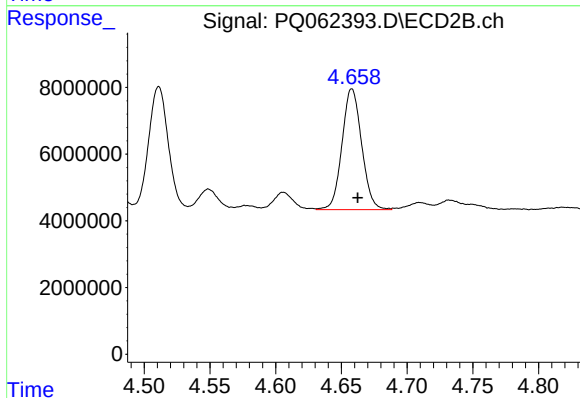
R.T.: 4.511 min
Delta R.T.: -0.004 min
Response: 38430599
Conc: 238.02 ng/ml



#27 AR-1254-2

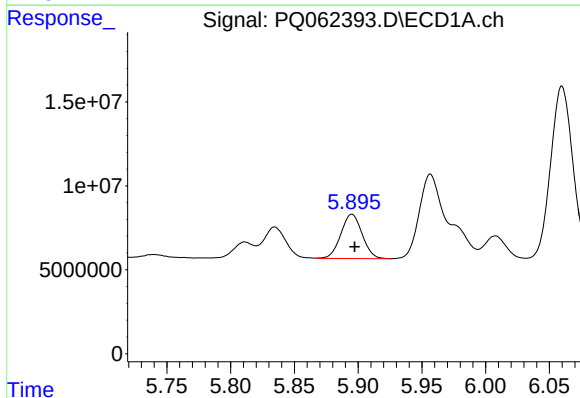
R.T.: 5.542 min
Delta R.T.: -0.001 min
Response: 56003788
Conc: 192.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



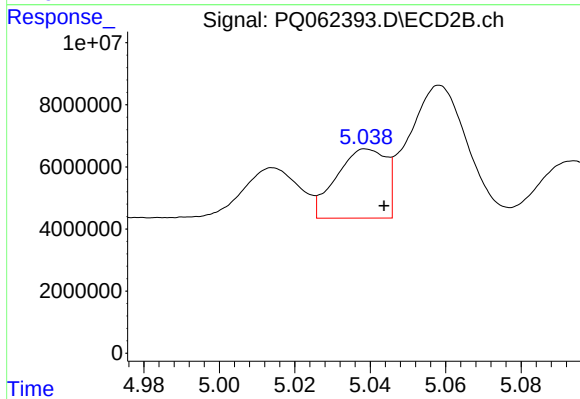
#27 AR-1254-2

R.T.: 4.658 min
Delta R.T.: -0.004 min
Response: 37651900
Conc: 255.74 ng/ml



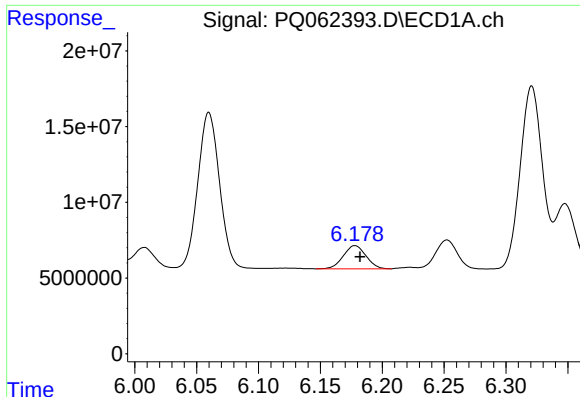
#28 AR-1254-3

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 30685830
Conc: 99.91 ng/ml



#28 AR-1254-3

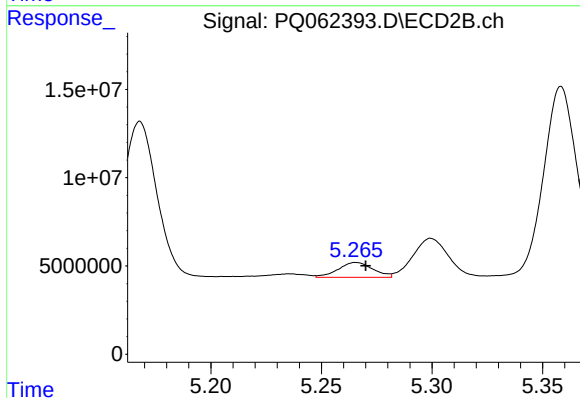
R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 20380926
Conc: 87.21 ng/ml



#29 AR-1254-4

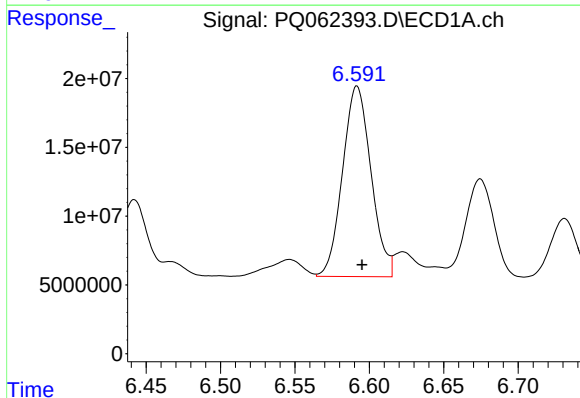
R.T.: 6.178 min
Delta R.T.: -0.004 min
Response: 19587207
Conc: 84.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



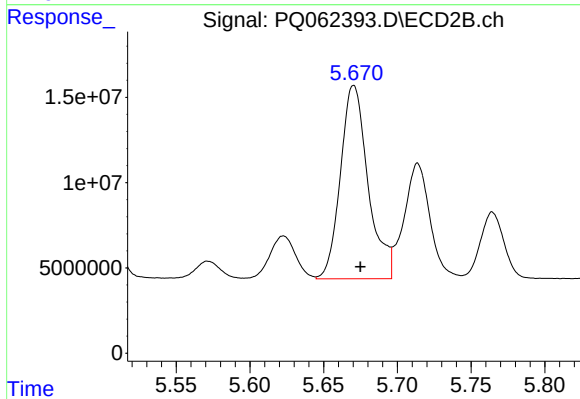
#29 AR-1254-4

R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 9263627
Conc: 60.78 ng/ml



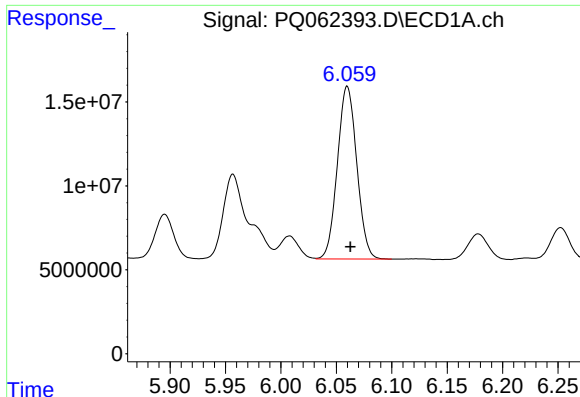
#30 AR-1254-5

R.T.: 6.592 min
Delta R.T.: -0.003 min
Response: 184533464
Conc: 718.39 ng/ml



#30 AR-1254-5

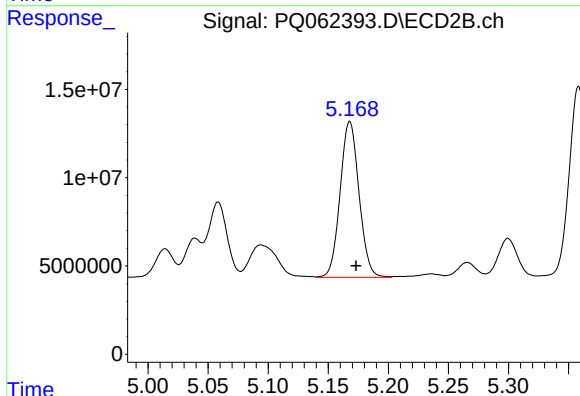
R.T.: 5.670 min
Delta R.T.: -0.005 min
Response: 148189264
Conc: 642.08 ng/ml



#31 AR-1260-1

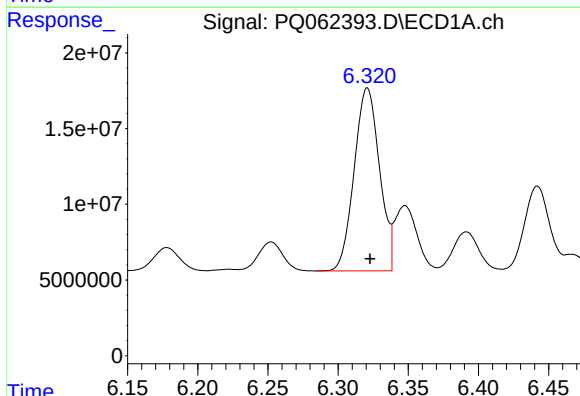
R.T.: 6.060 min
Delta R.T.: -0.003 min
Response: 125394640
Conc: 531.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



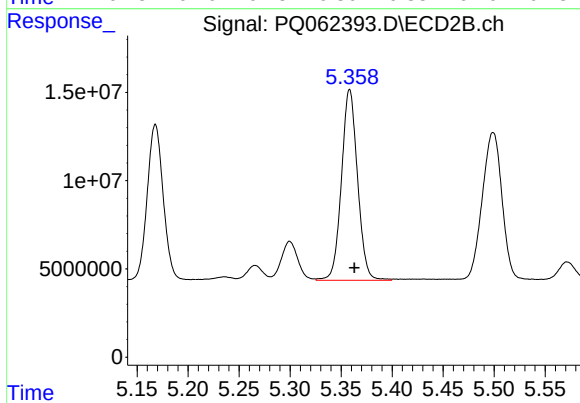
#31 AR-1260-1

R.T.: 5.168 min
Delta R.T.: -0.005 min
Response: 96494562
Conc: 579.36 ng/ml



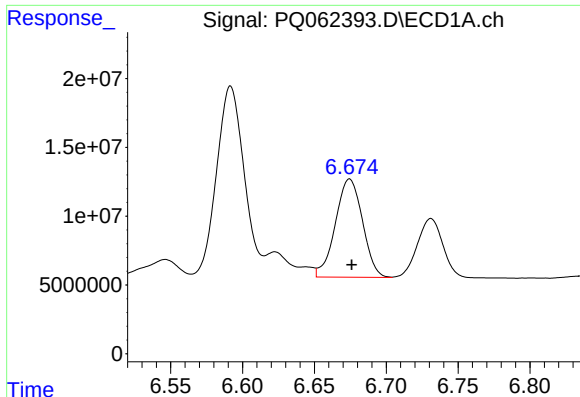
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 151548277
Conc: 524.73 ng/ml



#32 AR-1260-2

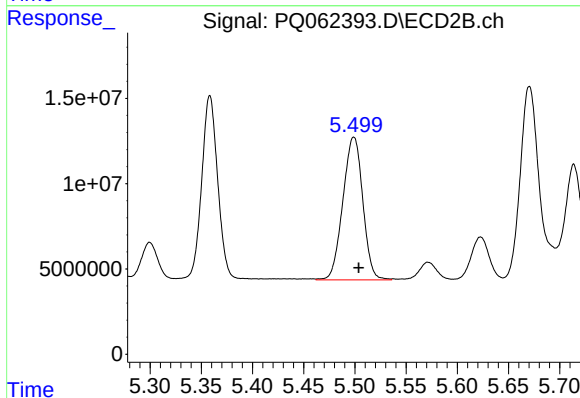
R.T.: 5.358 min
Delta R.T.: -0.005 min
Response: 118684787
Conc: 570.75 ng/ml



#33 AR-1260-3

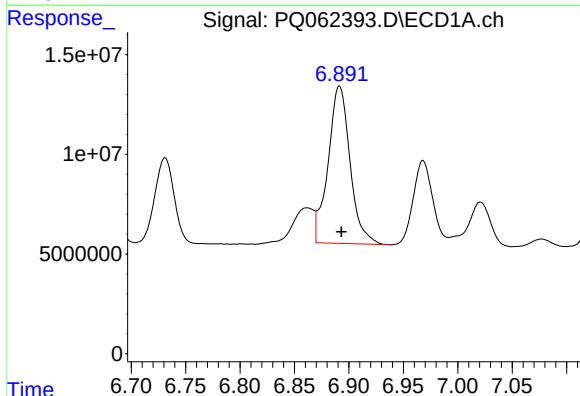
R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 94004427
Conc: 532.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



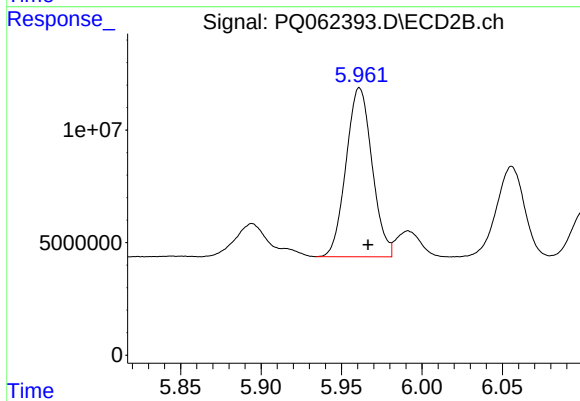
#33 AR-1260-3

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 113437265
Conc: 583.05 ng/ml



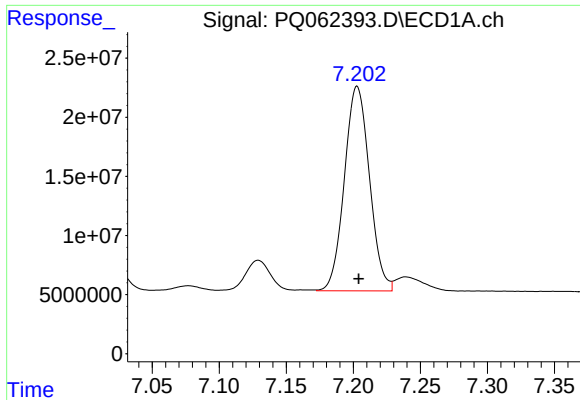
#34 AR-1260-4

R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 110807054
Conc: 526.03 ng/ml



#34 AR-1260-4

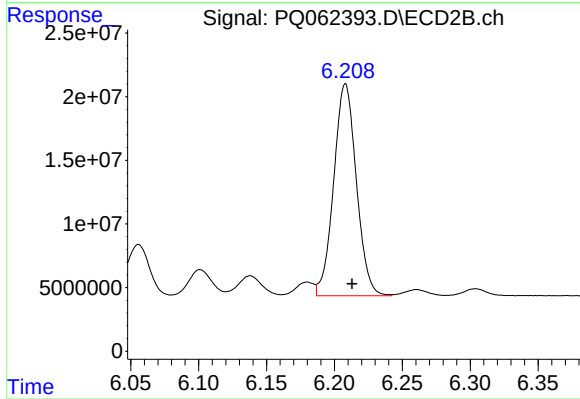
R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 84456349
Conc: 579.02 ng/ml



#35 AR-1260-5

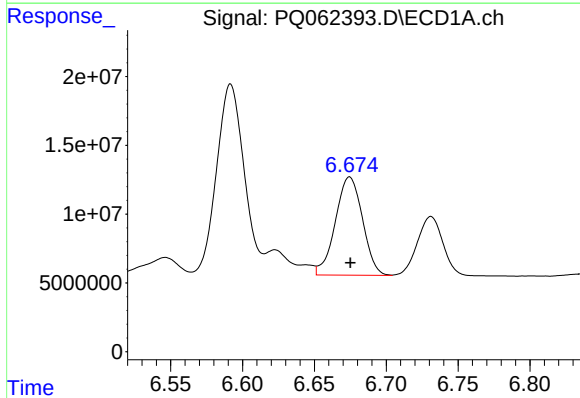
R.T.: 7.203 min
Delta R.T.: -0.001 min
Response: 224834014
Conc: 547.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



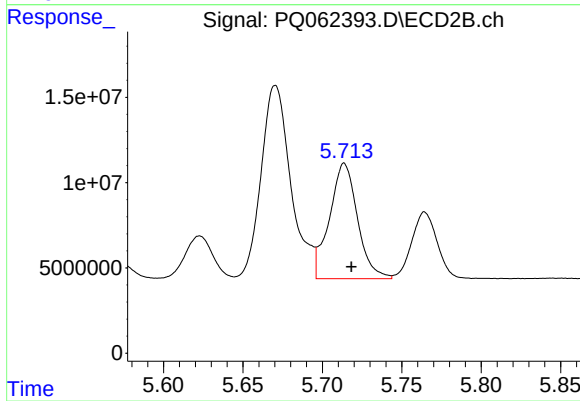
#35 AR-1260-5

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 193523867
Conc: 582.80 ng/ml



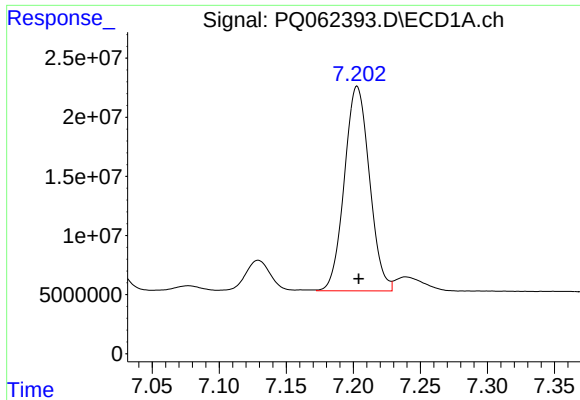
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 94004427
Conc: 308.27 ng/ml



#36 AR-1262-1

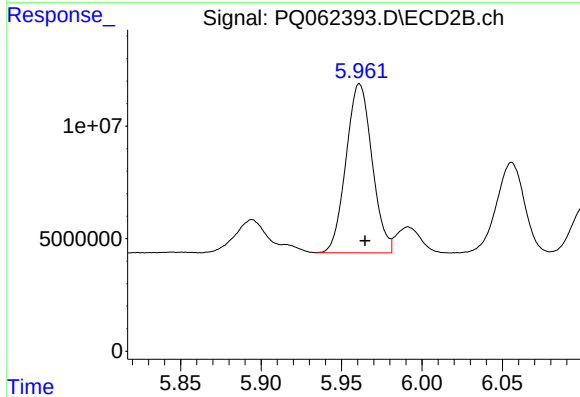
R.T.: 5.714 min
Delta R.T.: -0.004 min
Response: 83451385
Conc: 358.97 ng/ml



#37 AR-1262-2

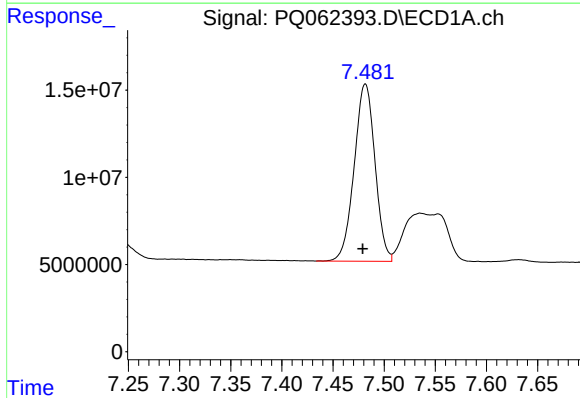
R.T.: 7.203 min
Delta R.T.: -0.001 min
Response: 224834014
Conc: 426.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



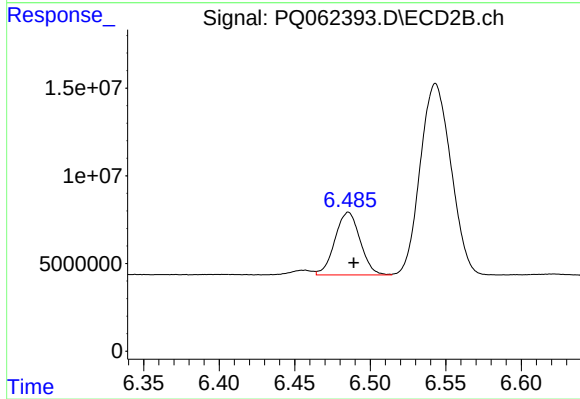
#37 AR-1262-2

R.T.: 5.961 min
Delta R.T.: -0.003 min
Response: 84456349
Conc: 390.63 ng/ml



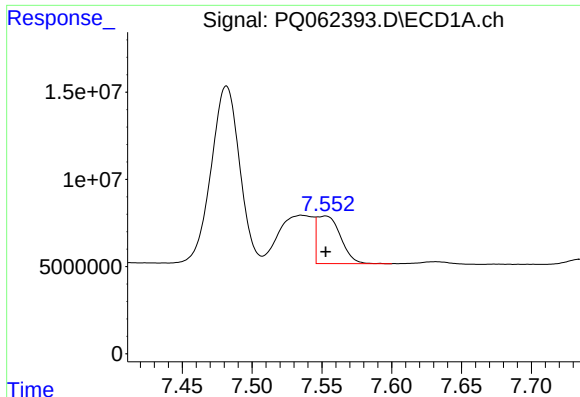
#38 AR-1262-3

R.T.: 7.482 min
Delta R.T.: 0.003 min
Response: 143970246
Conc: 408.65 ng/ml



#38 AR-1262-3

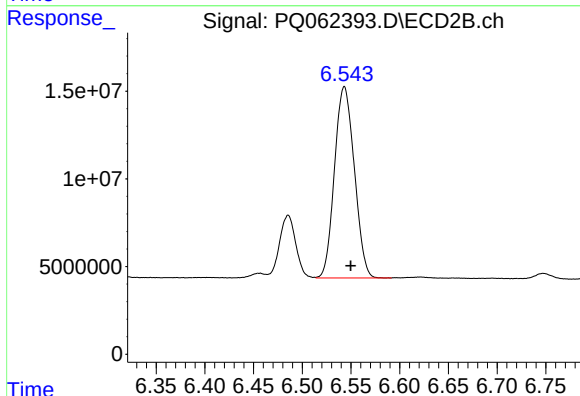
R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 41495264
Conc: 238.03 ng/ml



#39 AR-1262-4

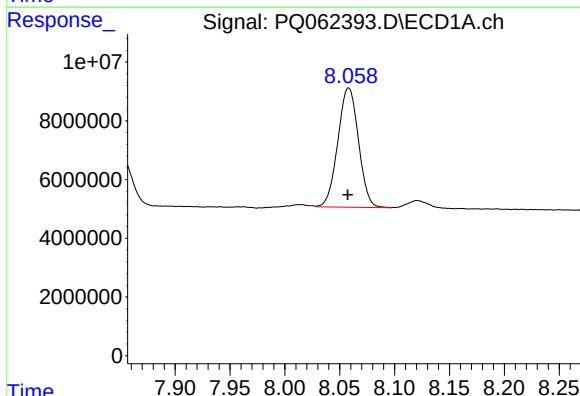
R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 31801532
Conc: 119.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



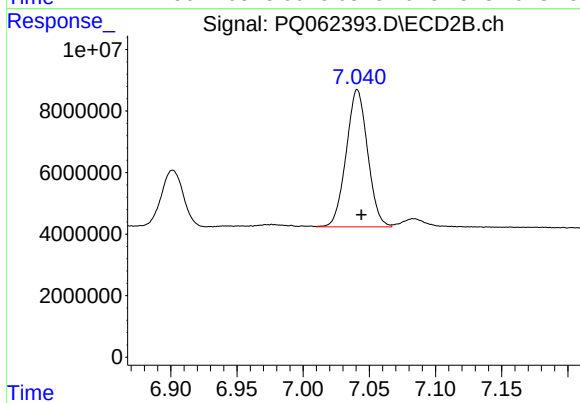
#39 AR-1262-4

R.T.: 6.543 min
Delta R.T.: -0.007 min
Response: 154722036
Conc: 480.06 ng/ml



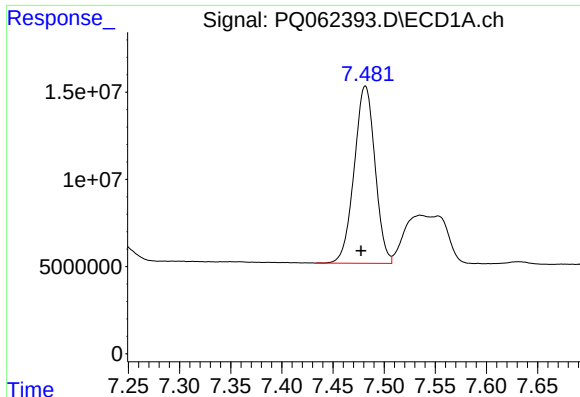
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 53256973
Conc: 300.02 ng/ml



#40 AR-1262-5

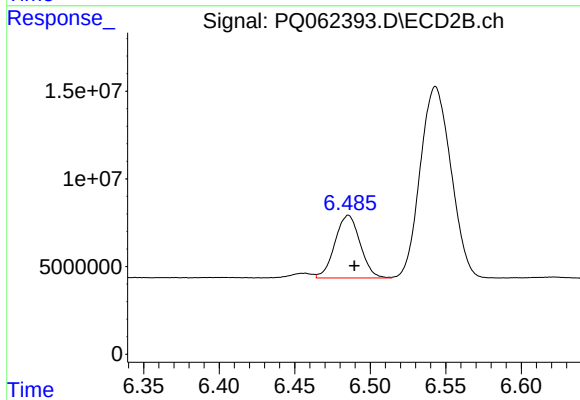
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 50265510
Conc: 324.05 ng/ml



#41 AR-1268-1

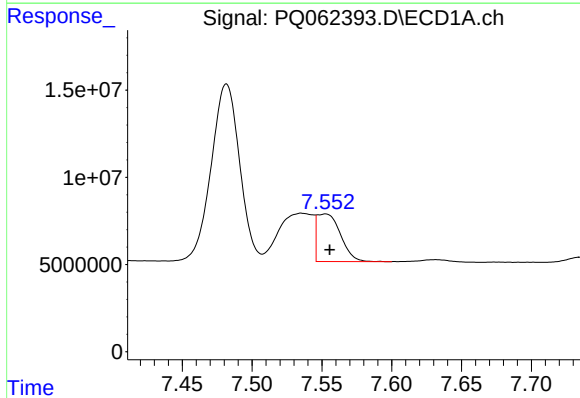
R.T.: 7.482 min
Delta R.T.: 0.004 min
Response: 143970246
Conc: 253.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



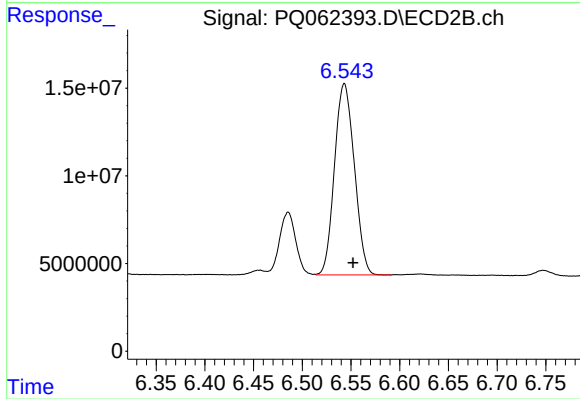
#41 AR-1268-1

R.T.: 6.486 min
Delta R.T.: -0.004 min
Response: 41495264
Conc: 88.19 ng/ml



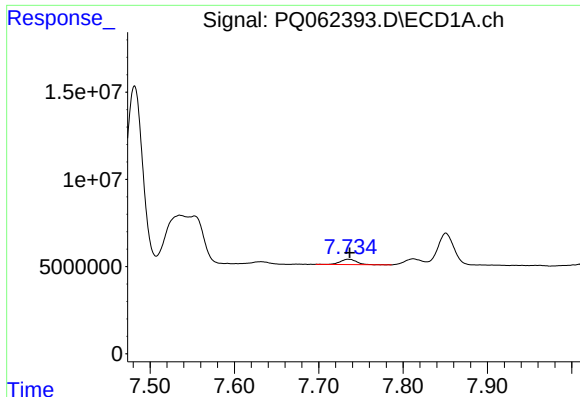
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 31801532
Conc: 62.37 ng/ml



#42 AR-1268-2

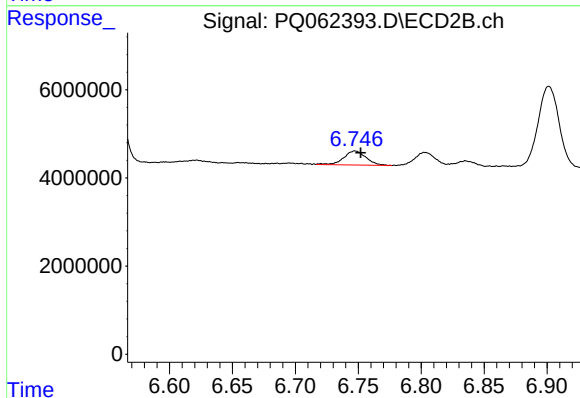
R.T.: 6.543 min
Delta R.T.: -0.009 min
Response: 154722036
Conc: 365.17 ng/ml



#43 AR-1268-3

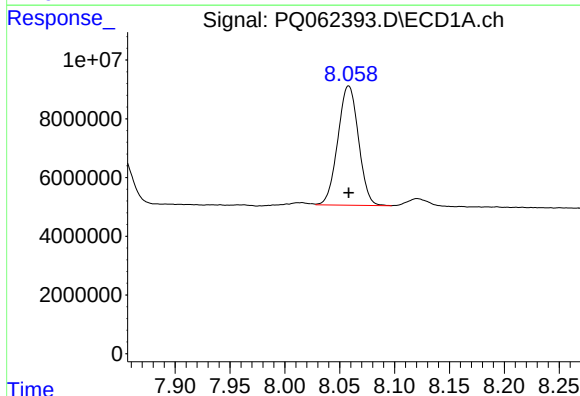
R.T.: 7.735 min
Delta R.T.: -0.002 min
Response: 4058034
Conc: 9.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



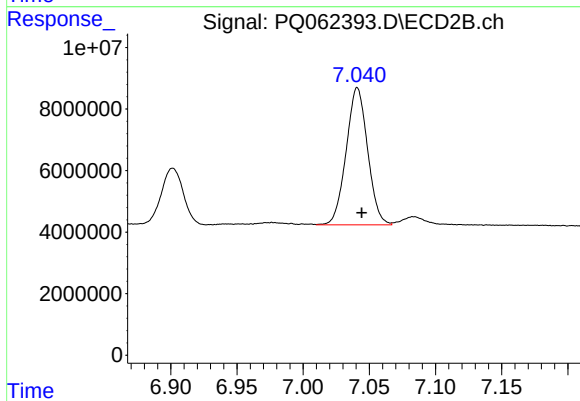
#43 AR-1268-3

R.T.: 6.747 min
Delta R.T.: -0.004 min
Response: 3910315
Conc: 10.62 ng/ml



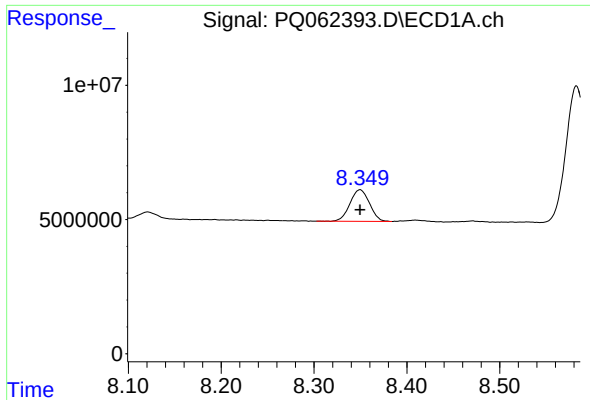
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 53256973
Conc: 291.05 ng/ml



#44 AR-1268-4

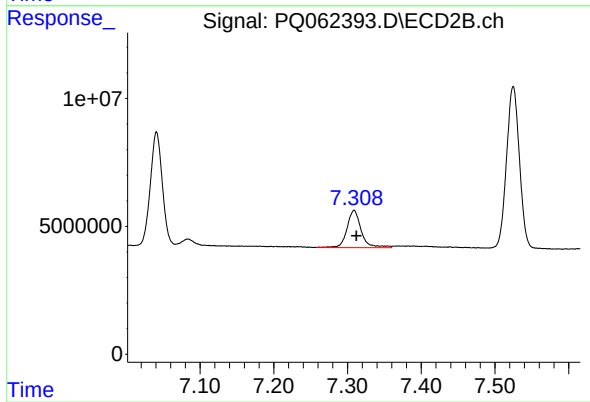
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 50265510
Conc: 314.28 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 17245662
Conc: 13.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.309 min
Delta R.T.: -0.003 min
Response: 19546798
Conc: 16.75 ng/ml