

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042123\
 Data File : PQ061026.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 10:56
 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: Apr 21 17:28:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 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...	3.404	2.761	365.9E6	179.5E6	46.607	45.667
2)	SA Decachlor...	8.583	7.536	263.0E6	203.6E6	46.609	43.195
Target Compounds							
3)	L1 AR-1016-1	4.504	3.765	130.6E6	68065127	469.500	475.473
4)	L1 AR-1016-2	4.523	3.780	191.8E6	99772746	461.591	473.975
5)	L1 AR-1016-3	4.581	3.940	120.0E6	52772039	459.965	475.909
6)	L1 AR-1016-4	4.673	3.990	101.2E6	45015219	468.061	477.882
7)	L1 AR-1016-5	4.960	4.184	97484375	54768848	438.023	464.624
8)	L2 AR-1221-1	3.601	2.963	14200104	6997073	142.395	143.728
9)	L2 AR-1221-2	3.683	3.040	19813441	9825866	263.139	264.510
10)	L2 AR-1221-3	3.753	3.108	69928561	35874695	314.344	315.789
11)	L3 AR-1232-1	3.753	3.108	69928561	35874695	409.137	414.468
12)	L3 AR-1232-2	4.246	3.780	97946691	99772746	988.062	1049.970
13)	L3 AR-1232-3	4.523	3.940	191.8E6	52772039	1022.827	1057.602
14)	L3 AR-1232-4	4.673	4.026	101.2E6	49857866	1025.029	1170.799
15)	L3 AR-1232-5	4.771	4.184	77785929	54768848	1145.260	1064.996
16)	L4 AR-1242-1	4.504	3.765	130.6E6	68065127	616.770	611.055
17)	L4 AR-1242-2	4.523	3.780	191.8E6	99772746	609.021	616.508
18)	L4 AR-1242-3	4.581	3.940	120.0E6	52772039	595.242	623.946
19)	L4 AR-1242-4	4.673	4.026	101.2E6	49857866	591.695	602.132
20)	L4 AR-1242-5	5.390	4.521	9971080	44480978	58.886	389.958 #
21)	L5 AR-1248-1	4.504	3.765	130.6E6	68065127	773.799	771.669
22)	L5 AR-1248-2	4.771	3.990	77785929	45015219	339.841	345.294
23)	L5 AR-1248-3	4.960	4.026	97484375	49857866	347.894	397.135
24)	L5 AR-1248-4	5.353	4.184	16094082	54768848	51.697	351.548 #
25)	L5 AR-1248-5	5.390	4.559	9971080	7504295	33.257	48.922 #
26)	L6 AR-1254-1	5.326	4.521	77044958	44480978	242.054	191.642
27)	L6 AR-1254-2	5.545	4.667	84684926	43870282	171.932	208.997
28)	L6 AR-1254-3	5.897	5.049	47520183	23167480	93.999	70.179 #
29)	L6 AR-1254-4	6.180	5.276	33327044	8913149	89.002	42.581 #
30)	L6 AR-1254-5	6.593	5.681	259.3E6	166.6E6	613.196	509.538
31)	L7 AR-1260-1	6.062	5.178	177.8E6	108.4E6	462.517	467.971
32)	L7 AR-1260-2	6.322	5.368	213.2E6	133.4E6	465.487	465.356
33)	L7 AR-1260-3	6.676	5.509	135.7E6	125.4E6	468.650	460.076
34)	L7 AR-1260-4	6.893	5.972	160.2E6	94099738	465.373	465.336
35)	L7 AR-1260-5	7.204	6.218	305.3E6	217.1E6	467.116	469.261
36)	L8 AR-1262-1	6.676	5.724	135.7E6	92557862	285.076	291.392
37)	L8 AR-1262-2	7.204	6.218	305.3E6	217.1E6	390.534	372.486
38)	L8 AR-1262-3	7.483	6.496	196.7E6	44928392	373.712	188.932 #
39)	L8 AR-1262-4	7.551	6.553	52068623	168.4E6	126.360	380.772 #
40)	L8 AR-1262-5	8.057	7.051	71753838	54238676	265.256	256.408
41)	L9 AR-1268-1	7.483	6.496	196.7E6	44928392	226.067	66.827 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042123\
 Data File : PQ061026.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 10:56
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

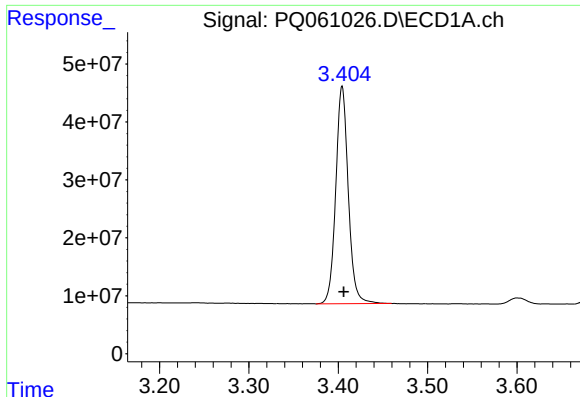
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 17:28:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 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	7.551	6.553	52068623	168.4E6	65.703	272.392 #
43) L9	AR-1268-3	7.736	6.759	6312804	4235019	9.513	7.817
44) L9	AR-1268-4	8.057	7.051	71753838	54238676	243.321	232.603
45) L9	AR-1268-5	8.349	7.319	24206541	18709010	12.823	10.704

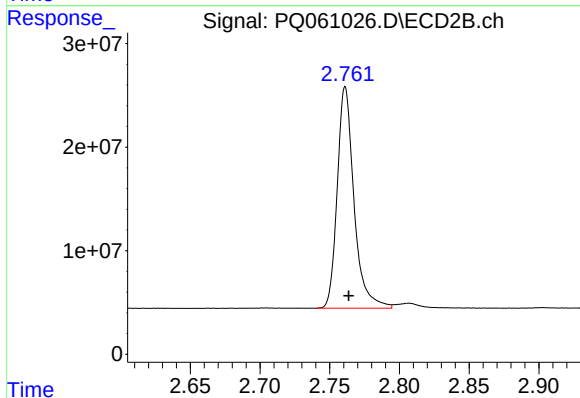
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

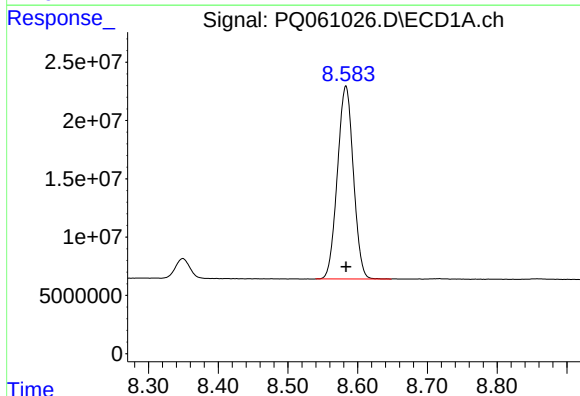
R.T.: 3.404 min
Delta R.T.: -0.002 min
Response: 365872746
Conc: 46.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



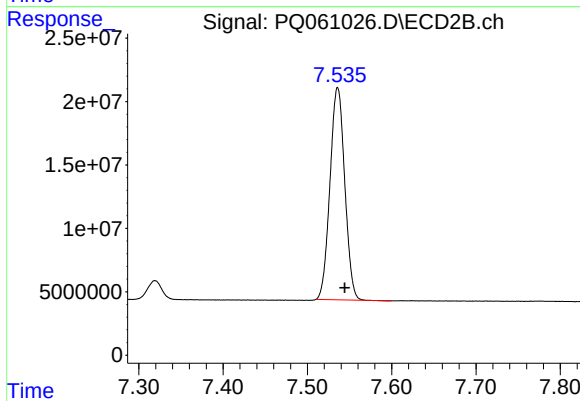
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: -0.002 min
Response: 179499368
Conc: 45.67 ng/ml



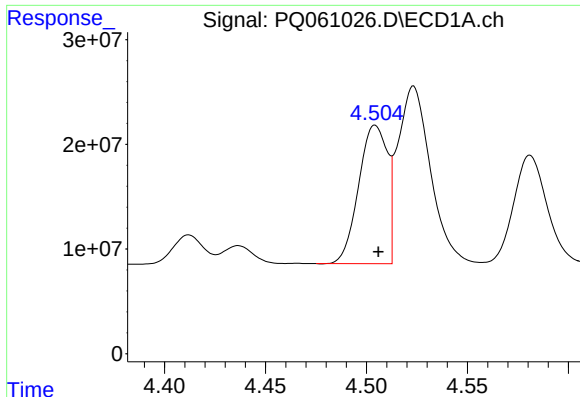
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 263017926
Conc: 46.61 ng/ml



#2 Decachlorobiphenyl

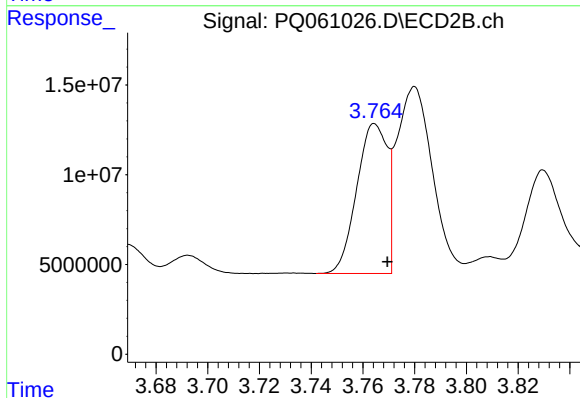
R.T.: 7.536 min
Delta R.T.: -0.008 min
Response: 203577316
Conc: 43.20 ng/ml



#3 AR-1016-1

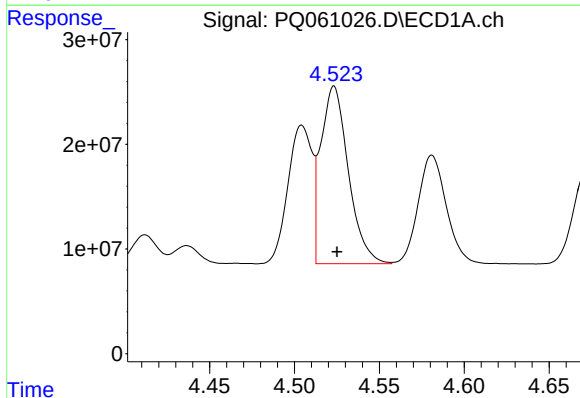
R.T.: 4.504 min
Delta R.T.: -0.002 min
Response: 130636713
Conc: 469.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



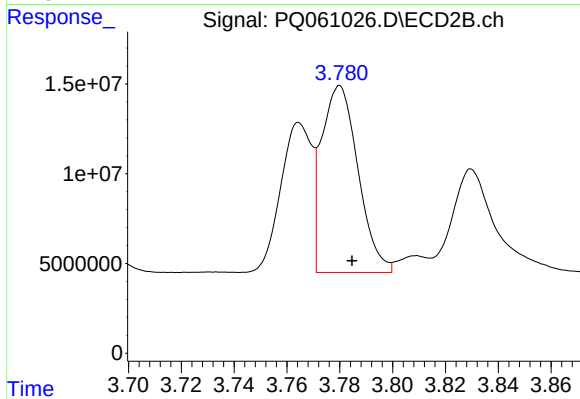
#3 AR-1016-1

R.T.: 3.765 min
Delta R.T.: -0.005 min
Response: 68065127
Conc: 475.47 ng/ml



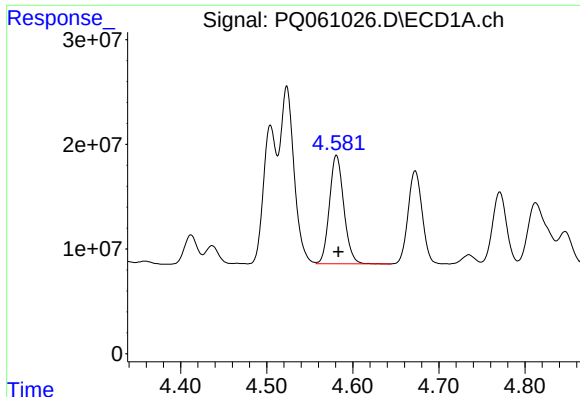
#4 AR-1016-2

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 191836171
Conc: 461.59 ng/ml



#4 AR-1016-2

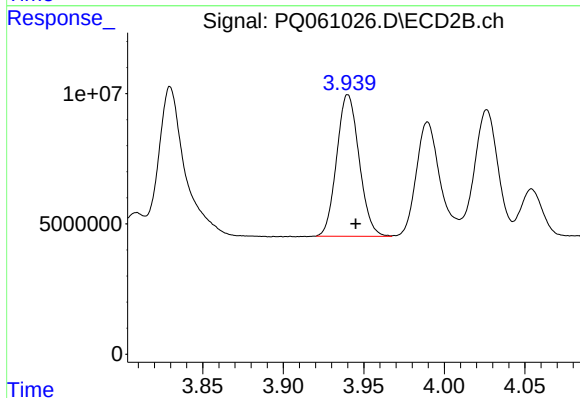
R.T.: 3.780 min
Delta R.T.: -0.004 min
Response: 99772746
Conc: 473.97 ng/ml



#5 AR-1016-3

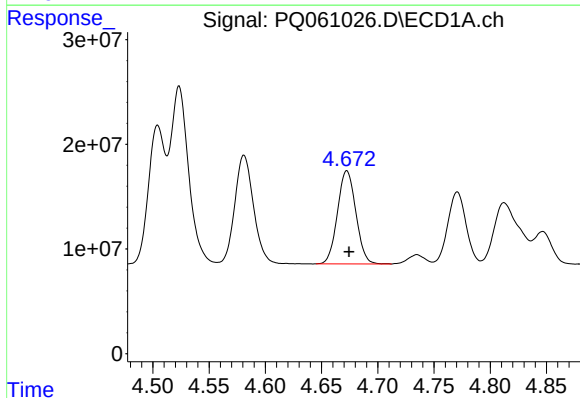
R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 119984563
Conc: 459.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



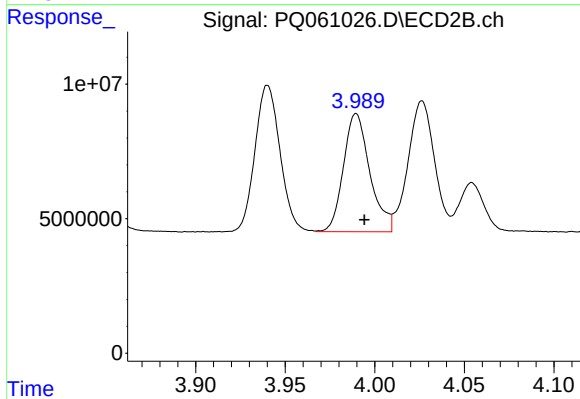
#5 AR-1016-3

R.T.: 3.940 min
Delta R.T.: -0.005 min
Response: 52772039
Conc: 475.91 ng/ml



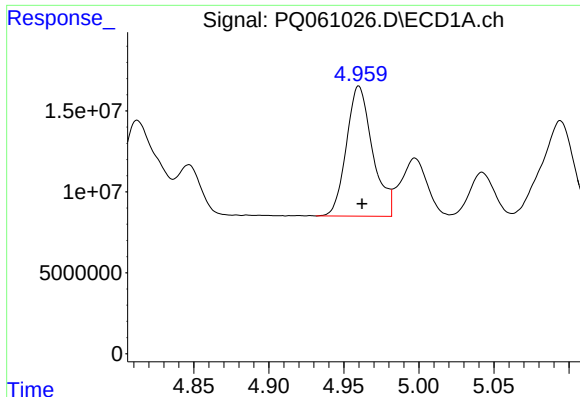
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 101229151
Conc: 468.06 ng/ml



#6 AR-1016-4

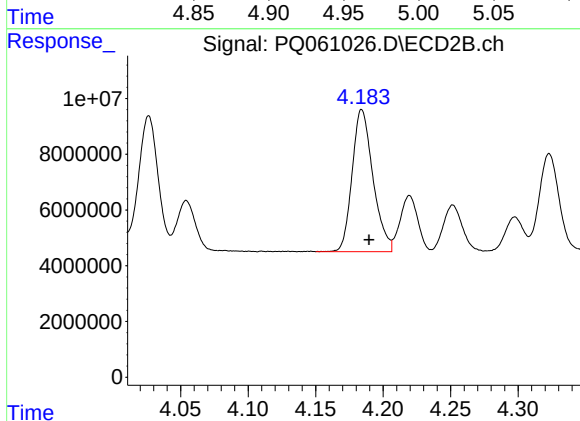
R.T.: 3.990 min
Delta R.T.: -0.005 min
Response: 45015219
Conc: 477.88 ng/ml



#7 AR-1016-5

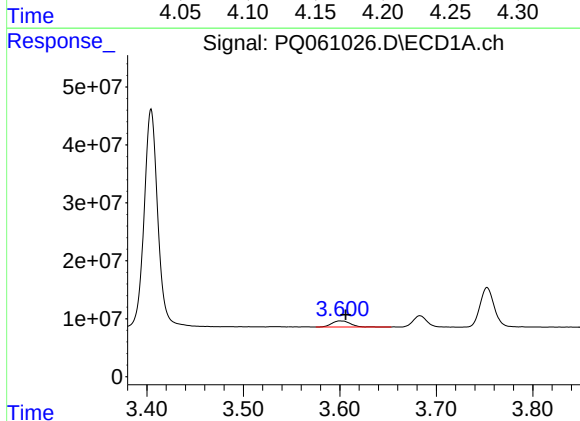
R.T.: 4.960 min
Delta R.T.: -0.002 min
Response: 97484375
Conc: 438.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



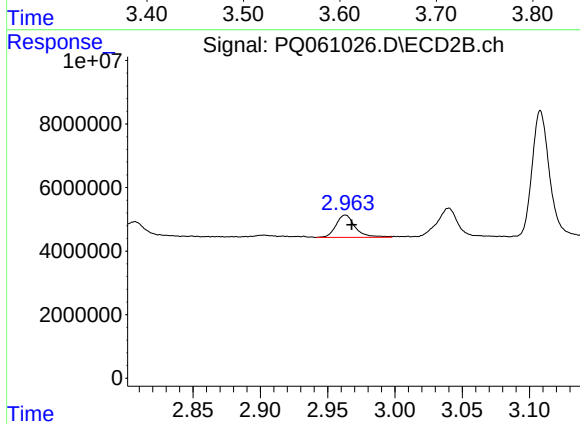
#7 AR-1016-5

R.T.: 4.184 min
Delta R.T.: -0.005 min
Response: 54768848
Conc: 464.62 ng/ml



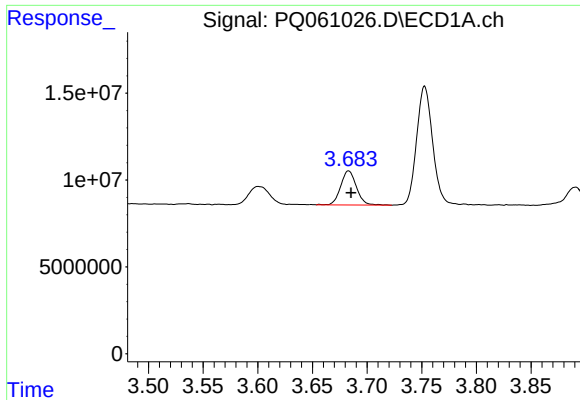
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.005 min
Response: 14200104
Conc: 142.39 ng/ml



#8 AR-1221-1

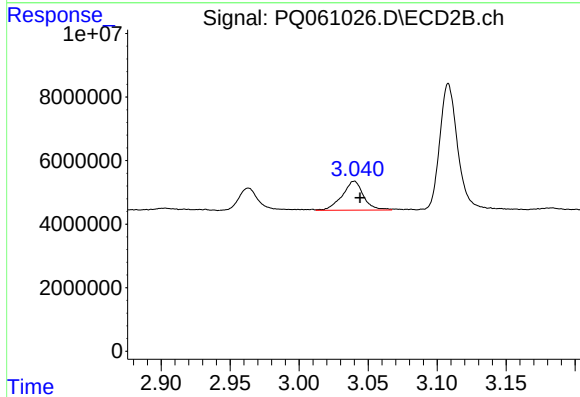
R.T.: 2.963 min
Delta R.T.: -0.005 min
Response: 6997073
Conc: 143.73 ng/ml



#9 AR-1221-2

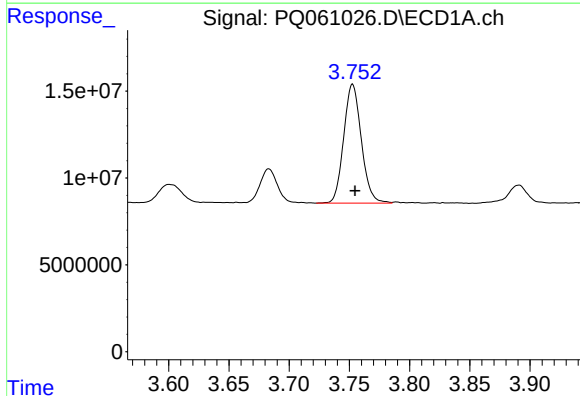
R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 19813441
Conc: 263.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



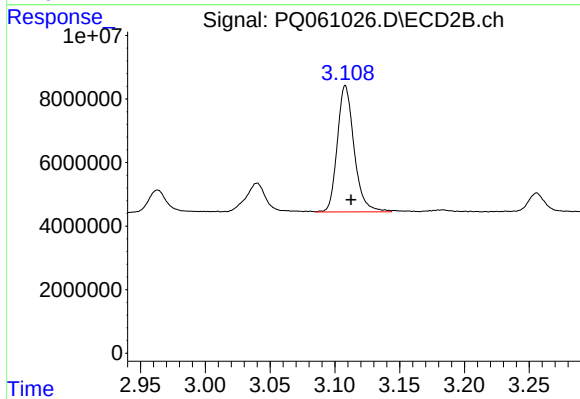
#9 AR-1221-2

R.T.: 3.040 min
Delta R.T.: -0.004 min
Response: 9825866
Conc: 264.51 ng/ml



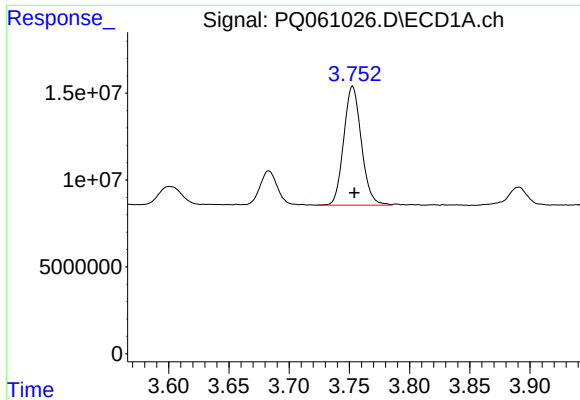
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: -0.002 min
Response: 69928561
Conc: 314.34 ng/ml



#10 AR-1221-3

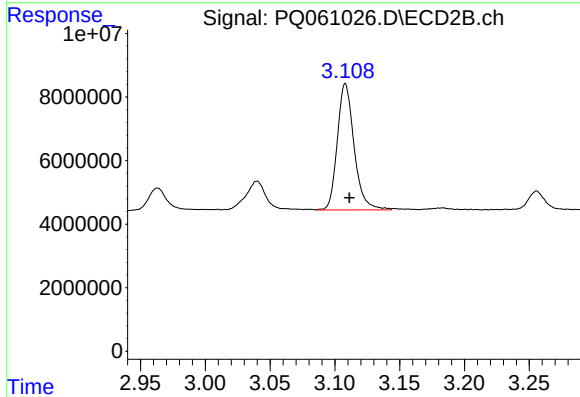
R.T.: 3.108 min
Delta R.T.: -0.004 min
Response: 35874695
Conc: 315.79 ng/ml



#11 AR-1232-1

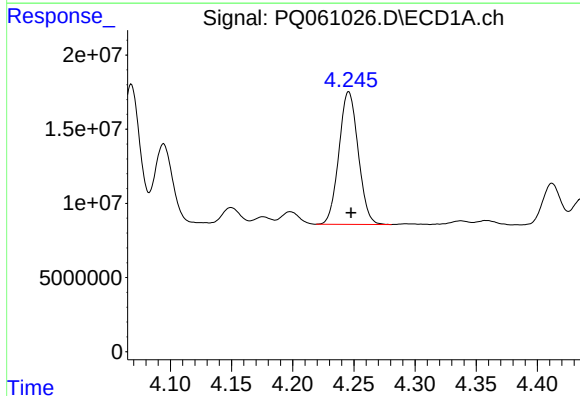
R.T.: 3.753 min
Delta R.T.: -0.002 min
Response: 69928561
Conc: 409.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



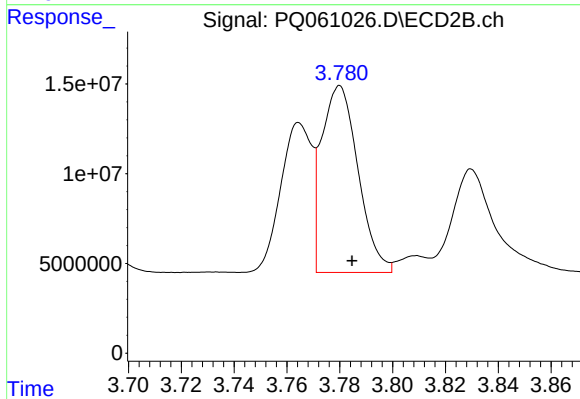
#11 AR-1232-1

R.T.: 3.108 min
Delta R.T.: -0.003 min
Response: 35874695
Conc: 414.47 ng/ml



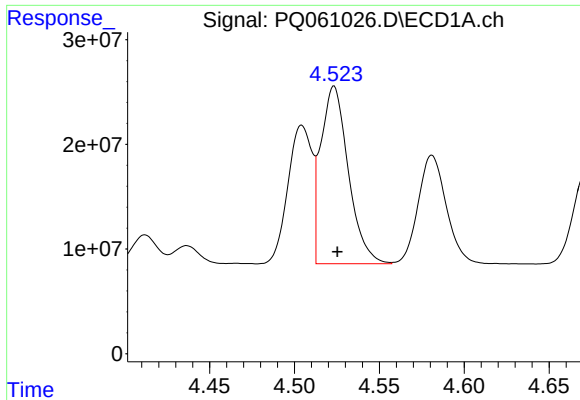
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: -0.002 min
Response: 97946691
Conc: 988.06 ng/ml



#12 AR-1232-2

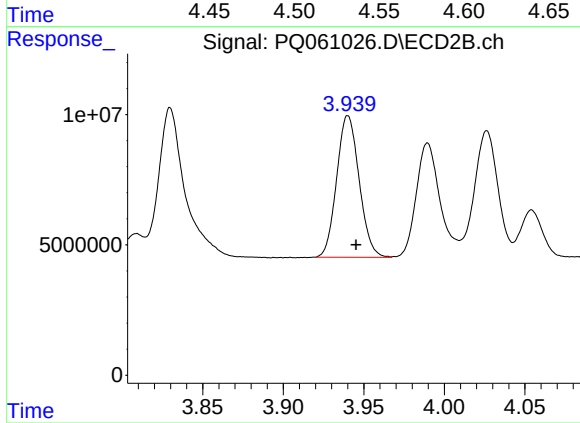
R.T.: 3.780 min
Delta R.T.: -0.005 min
Response: 99772746
Conc: 1049.97 ng/ml



#13 AR-1232-3

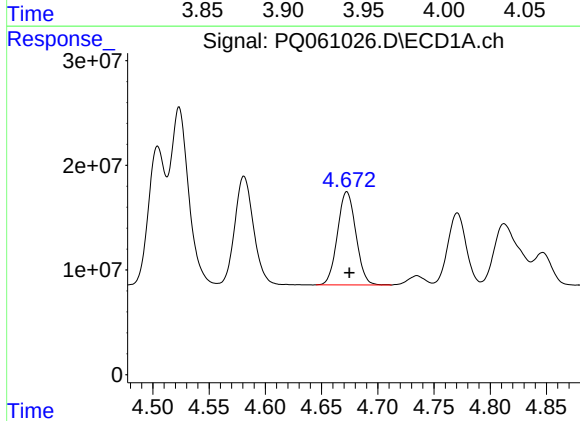
R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 191836171
Conc: 1022.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



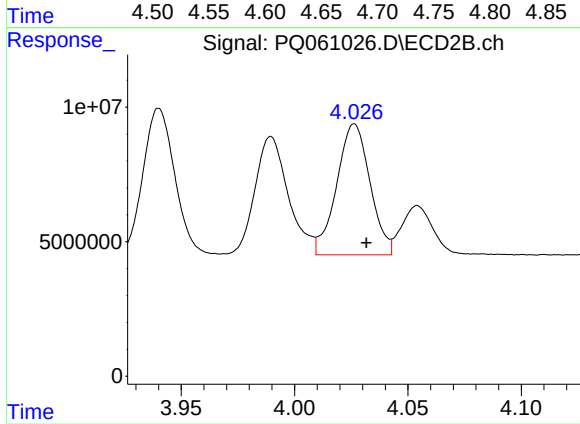
#13 AR-1232-3

R.T.: 3.940 min
Delta R.T.: -0.005 min
Response: 52772039
Conc: 1057.60 ng/ml



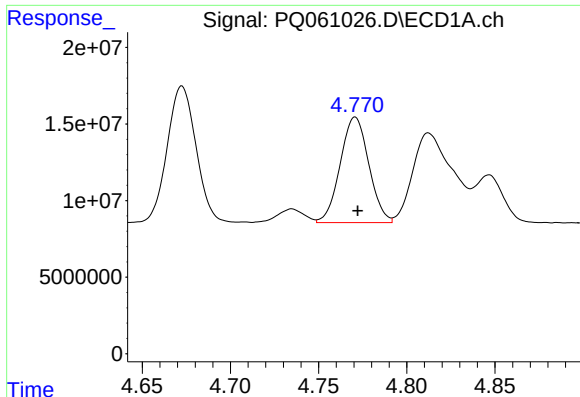
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 101229151
Conc: 1025.03 ng/ml



#14 AR-1232-4

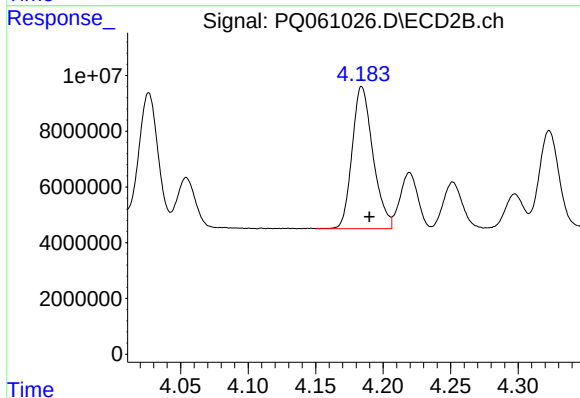
R.T.: 4.026 min
Delta R.T.: -0.005 min
Response: 49857866
Conc: 1170.80 ng/ml



#15 AR-1232-5

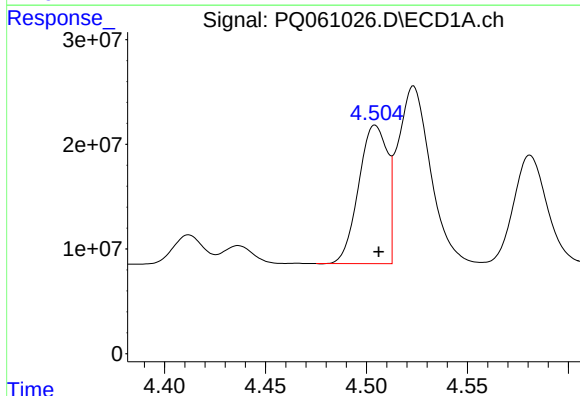
R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 77785929
Conc: 1145.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



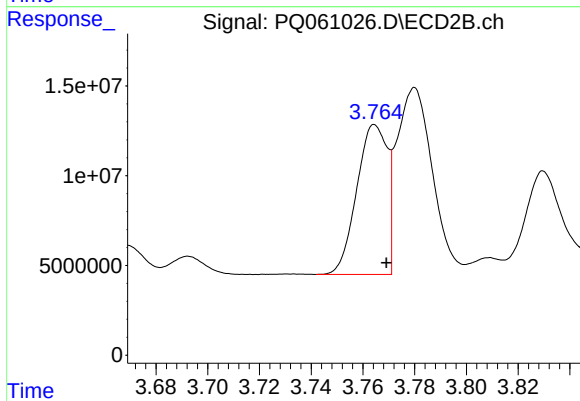
#15 AR-1232-5

R.T.: 4.184 min
Delta R.T.: -0.006 min
Response: 54768848
Conc: 1065.00 ng/ml



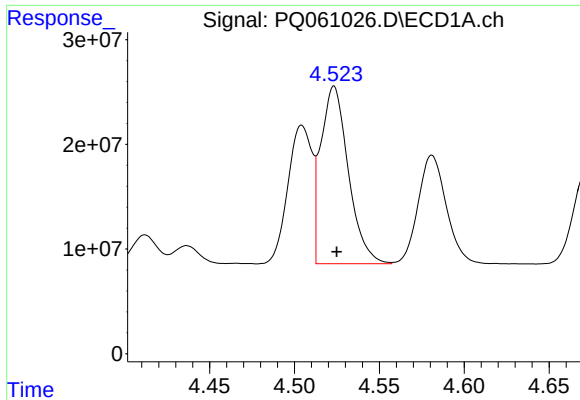
#16 AR-1242-1

R.T.: 4.504 min
Delta R.T.: -0.002 min
Response: 130636713
Conc: 616.77 ng/ml



#16 AR-1242-1

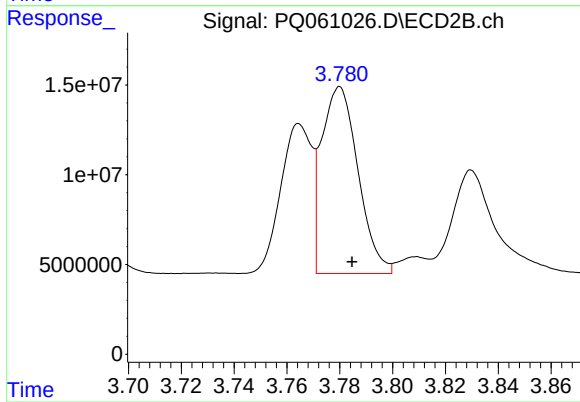
R.T.: 3.765 min
Delta R.T.: -0.005 min
Response: 68065127
Conc: 611.06 ng/ml



#17 AR-1242-2

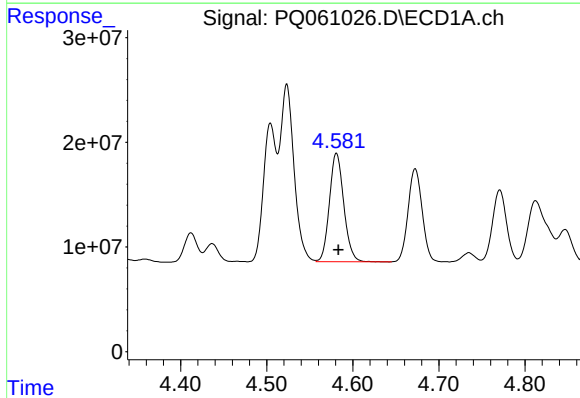
R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 191836171
Conc: 609.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



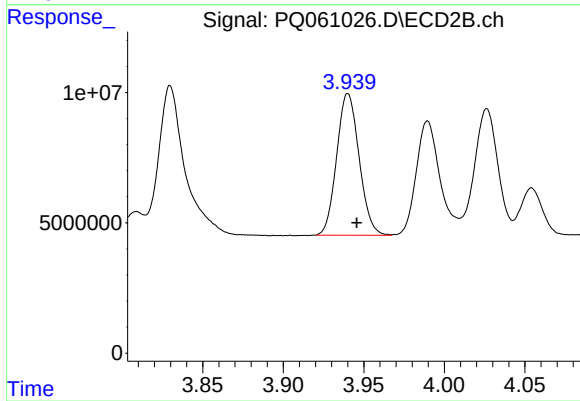
#17 AR-1242-2

R.T.: 3.780 min
Delta R.T.: -0.005 min
Response: 99772746
Conc: 616.51 ng/ml



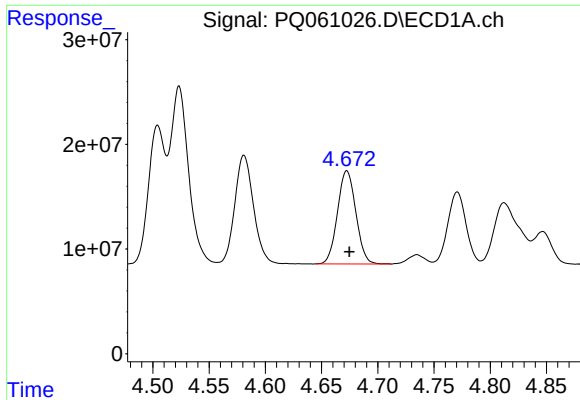
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 119984563
Conc: 595.24 ng/ml



#18 AR-1242-3

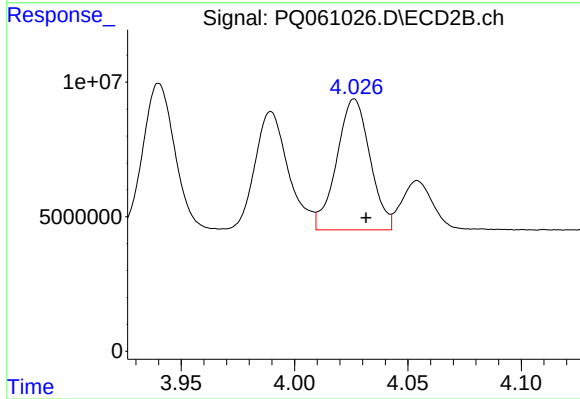
R.T.: 3.940 min
Delta R.T.: -0.005 min
Response: 52772039
Conc: 623.95 ng/ml



#19 AR-1242-4

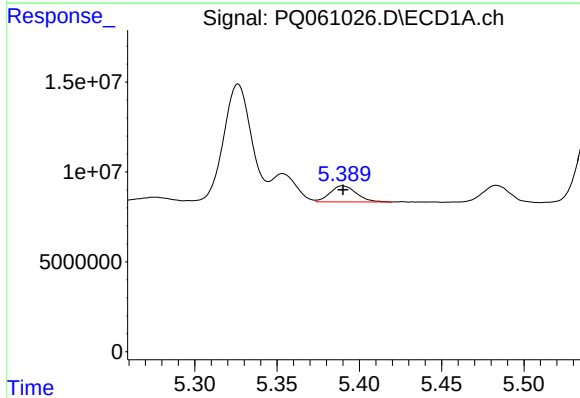
R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 101229151
Conc: 591.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



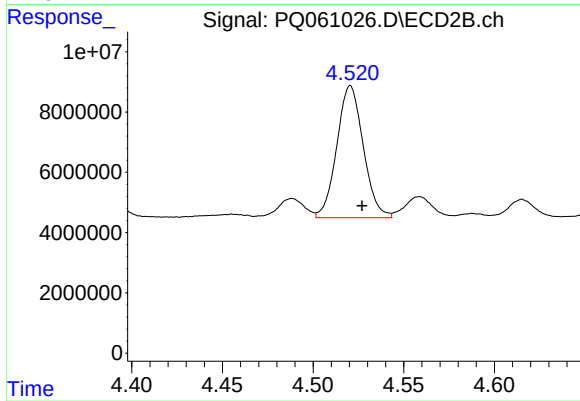
#19 AR-1242-4

R.T.: 4.026 min
Delta R.T.: -0.005 min
Response: 49857866
Conc: 602.13 ng/ml



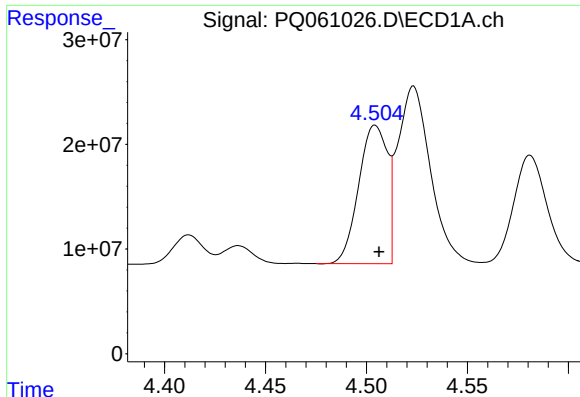
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 9971080
Conc: 58.89 ng/ml



#20 AR-1242-5

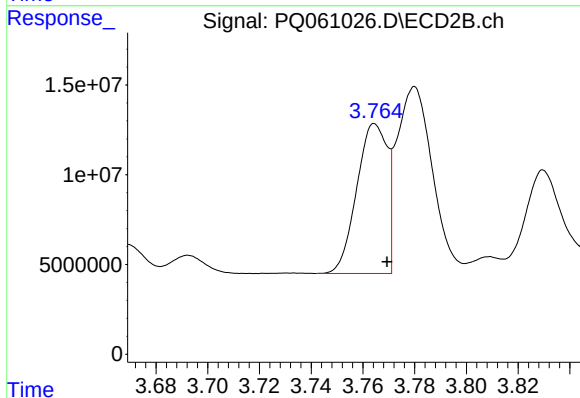
R.T.: 4.521 min
Delta R.T.: -0.006 min
Response: 44480978
Conc: 389.96 ng/ml



#21 AR-1248-1

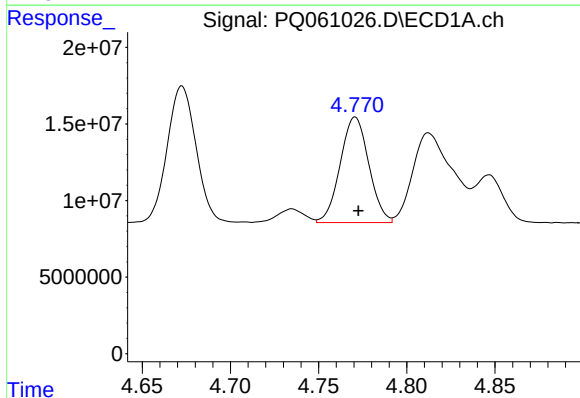
R.T.: 4.504 min
Delta R.T.: -0.002 min
Response: 130636713
Conc: 773.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



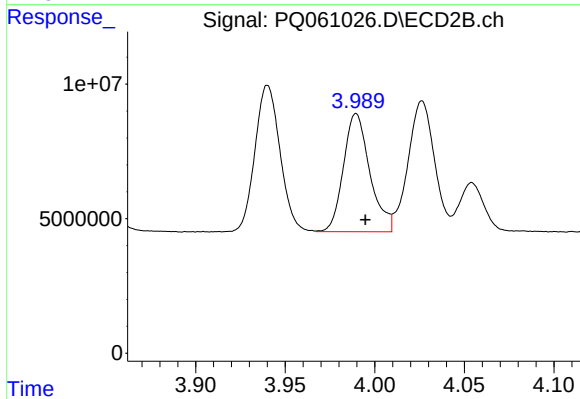
#21 AR-1248-1

R.T.: 3.765 min
Delta R.T.: -0.005 min
Response: 68065127
Conc: 771.67 ng/ml



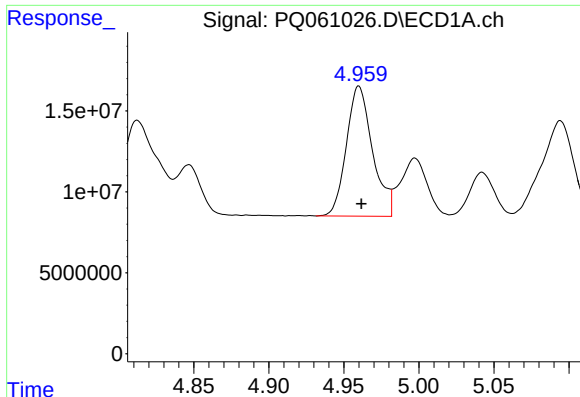
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 77785929
Conc: 339.84 ng/ml



#22 AR-1248-2

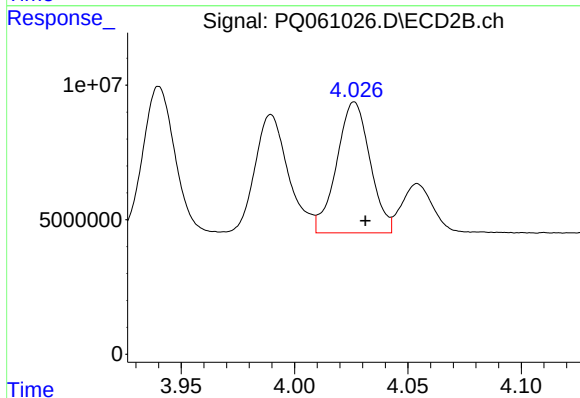
R.T.: 3.990 min
Delta R.T.: -0.005 min
Response: 45015219
Conc: 345.29 ng/ml



#23 AR-1248-3

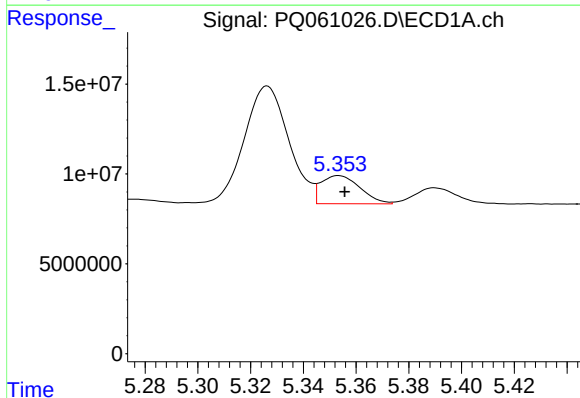
R.T.: 4.960 min
Delta R.T.: -0.002 min
Response: 97484375
Conc: 347.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



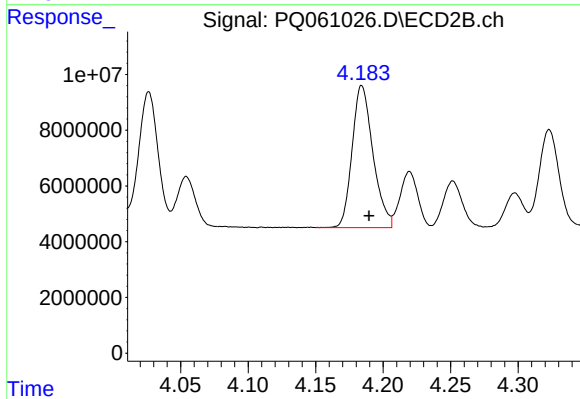
#23 AR-1248-3

R.T.: 4.026 min
Delta R.T.: -0.005 min
Response: 49857866
Conc: 397.13 ng/ml



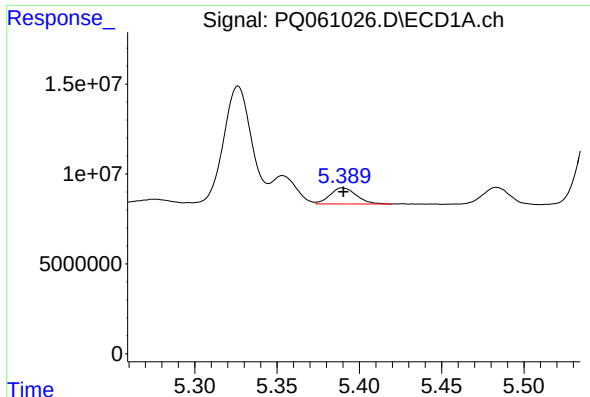
#24 AR-1248-4

R.T.: 5.353 min
Delta R.T.: -0.002 min
Response: 16094082
Conc: 51.70 ng/ml



#24 AR-1248-4

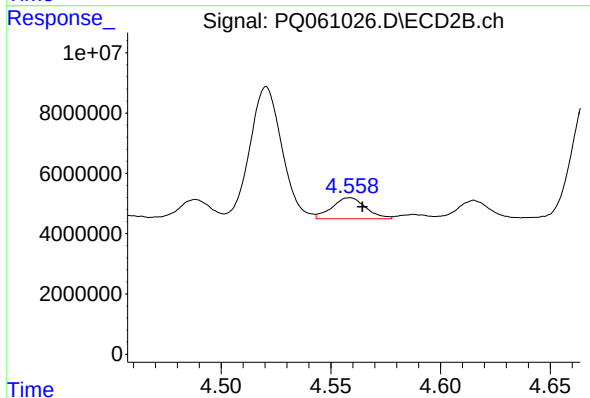
R.T.: 4.184 min
Delta R.T.: -0.005 min
Response: 54768848
Conc: 351.55 ng/ml



#25 AR-1248-5

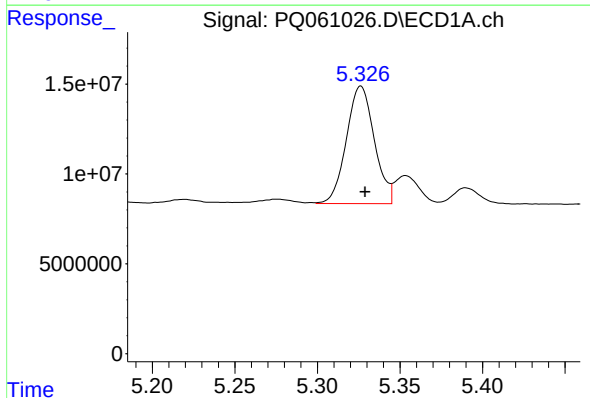
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 9971080
Conc: 33.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



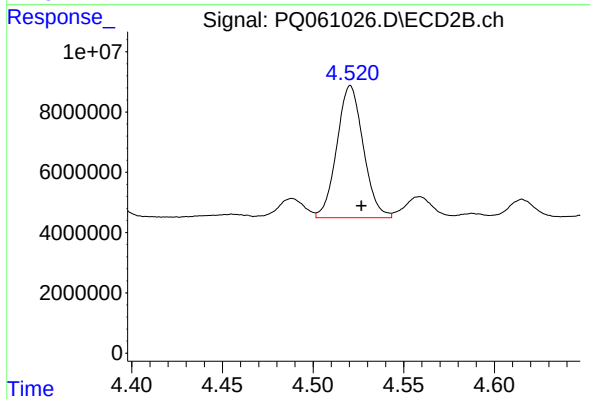
#25 AR-1248-5

R.T.: 4.559 min
Delta R.T.: -0.006 min
Response: 7504295
Conc: 48.92 ng/ml



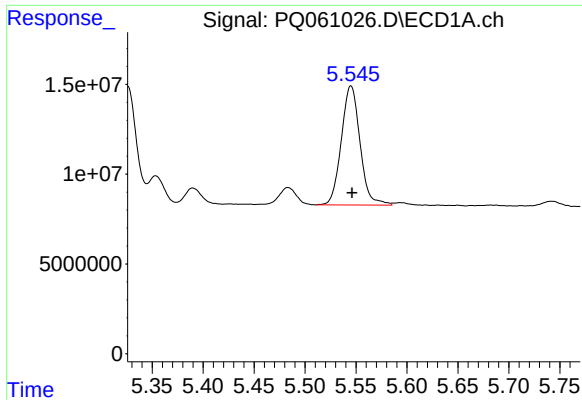
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: -0.003 min
Response: 77044958
Conc: 242.05 ng/ml



#26 AR-1254-1

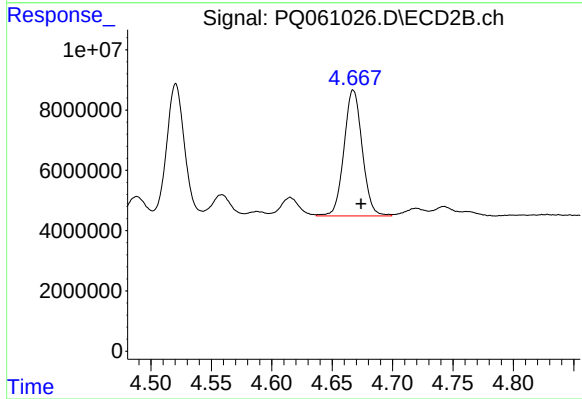
R.T.: 4.521 min
Delta R.T.: -0.006 min
Response: 44480978
Conc: 191.64 ng/ml



#27 AR-1254-2

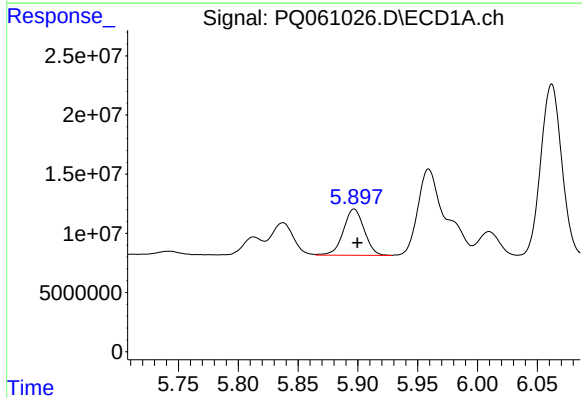
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 84684926
Conc: 171.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



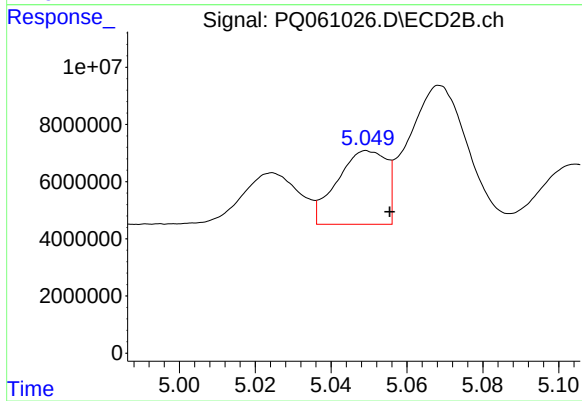
#27 AR-1254-2

R.T.: 4.667 min
Delta R.T.: -0.007 min
Response: 43870282
Conc: 209.00 ng/ml



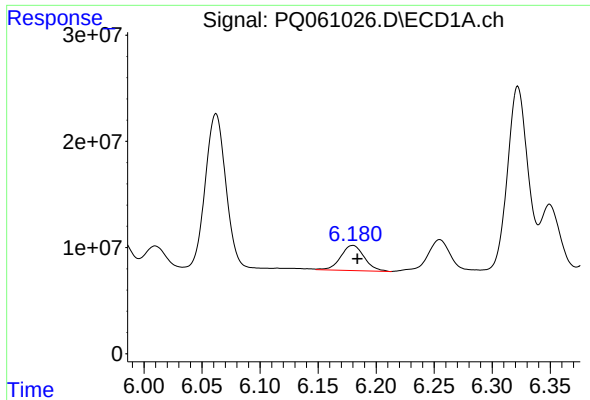
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: -0.003 min
Response: 47520183
Conc: 94.00 ng/ml



#28 AR-1254-3

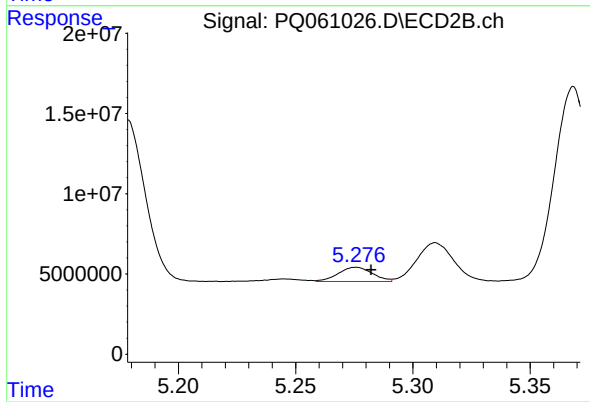
R.T.: 5.049 min
Delta R.T.: -0.006 min
Response: 23167480
Conc: 70.18 ng/ml



#29 AR-1254-4

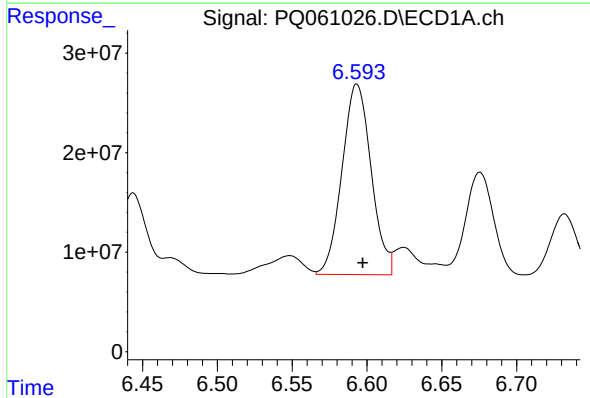
R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 33327044
Conc: 89.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



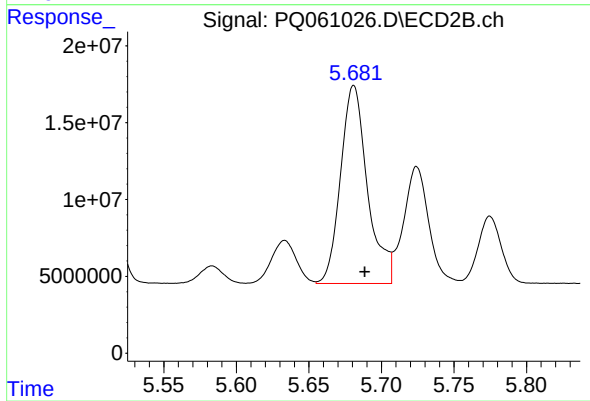
#29 AR-1254-4

R.T.: 5.276 min
Delta R.T.: -0.006 min
Response: 8913149
Conc: 42.58 ng/ml



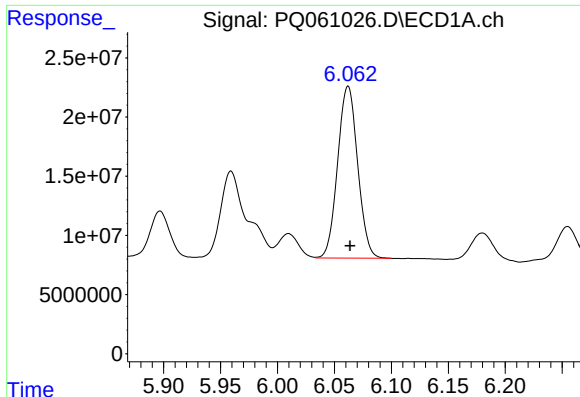
#30 AR-1254-5

R.T.: 6.593 min
Delta R.T.: -0.004 min
Response: 259297565
Conc: 613.20 ng/ml



#30 AR-1254-5

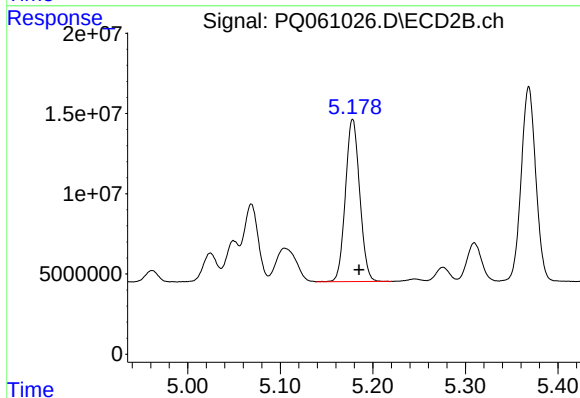
R.T.: 5.681 min
Delta R.T.: -0.008 min
Response: 166647980
Conc: 509.54 ng/ml



#31 AR-1260-1

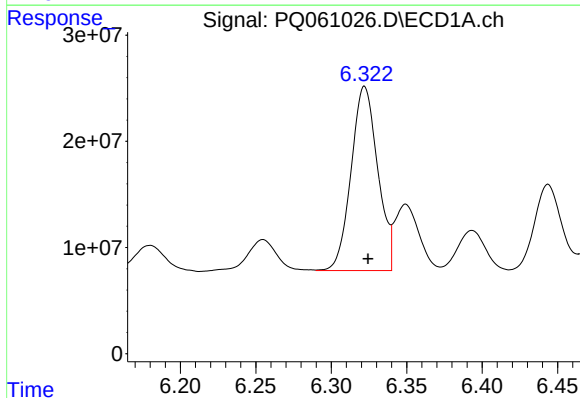
R.T.: 6.062 min
Delta R.T.: -0.002 min
Response: 177823048
Conc: 462.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



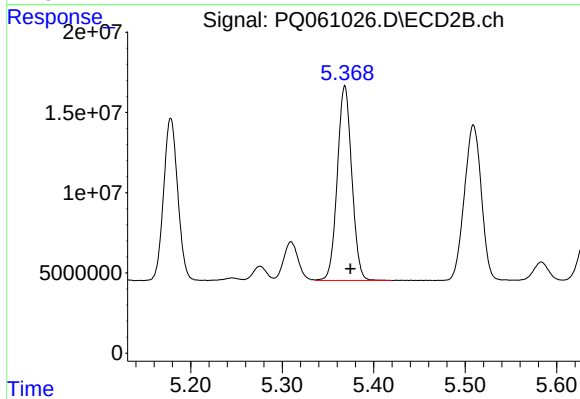
#31 AR-1260-1

R.T.: 5.178 min
Delta R.T.: -0.007 min
Response: 108411783
Conc: 467.97 ng/ml



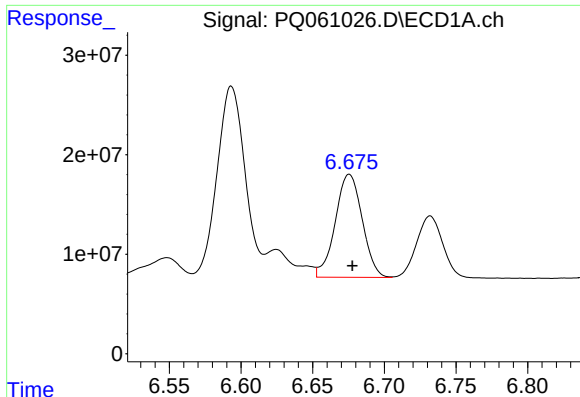
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 213195104
Conc: 465.49 ng/ml



#32 AR-1260-2

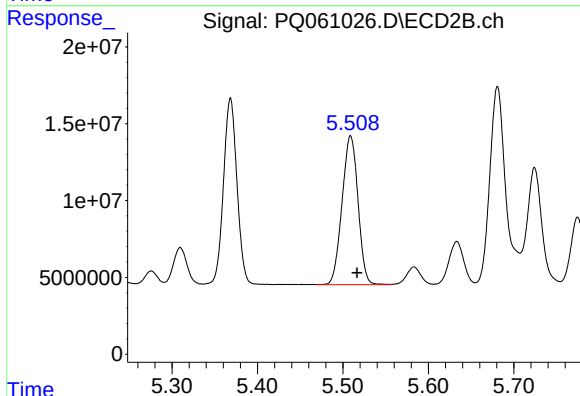
R.T.: 5.368 min
Delta R.T.: -0.006 min
Response: 133359348
Conc: 465.36 ng/ml



#33 AR-1260-3

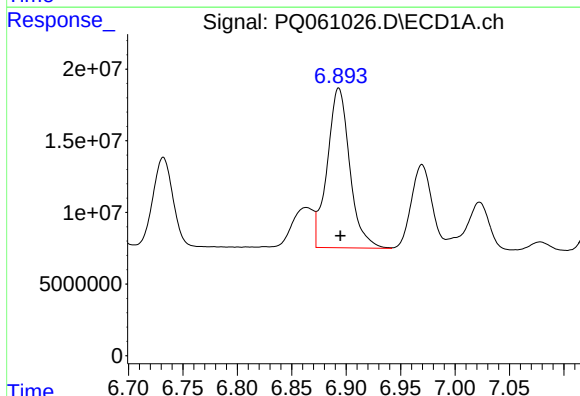
R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 135681740
Conc: 468.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



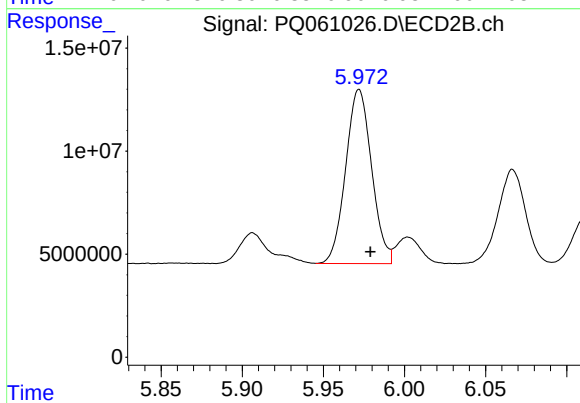
#33 AR-1260-3

R.T.: 5.509 min
Delta R.T.: -0.007 min
Response: 125406709
Conc: 460.08 ng/ml



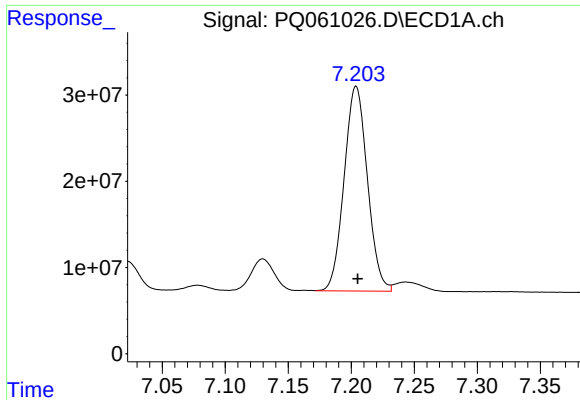
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: -0.002 min
Response: 160248512
Conc: 465.37 ng/ml



#34 AR-1260-4

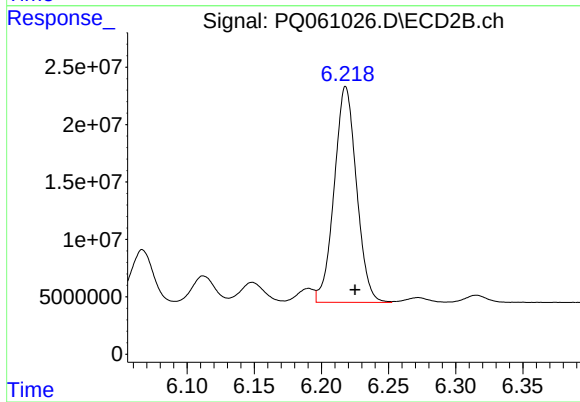
R.T.: 5.972 min
Delta R.T.: -0.007 min
Response: 94099738
Conc: 465.34 ng/ml



#35 AR-1260-5

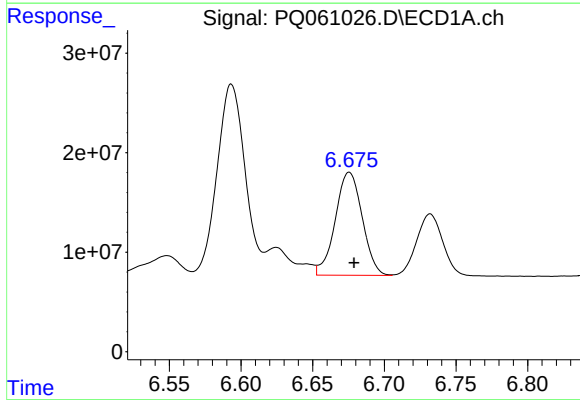
R.T.: 7.204 min
Delta R.T.: -0.001 min
Response: 305291497
Conc: 467.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



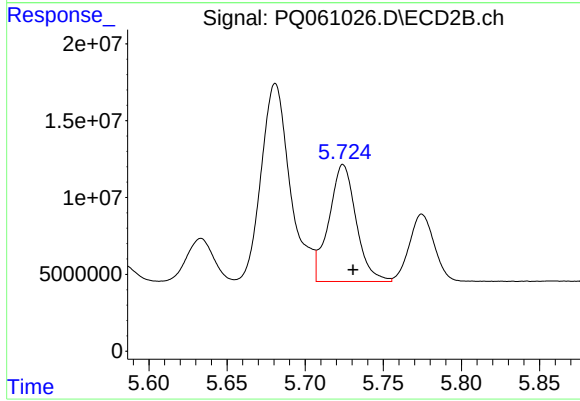
#35 AR-1260-5

R.T.: 6.218 min
Delta R.T.: -0.007 min
Response: 217147275
Conc: 469.26 ng/ml



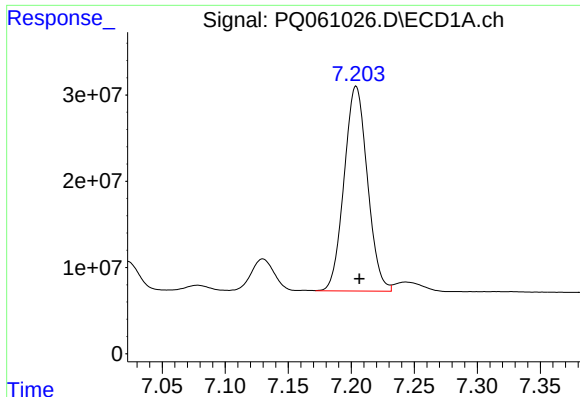
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 135681740
Conc: 285.08 ng/ml



#36 AR-1262-1

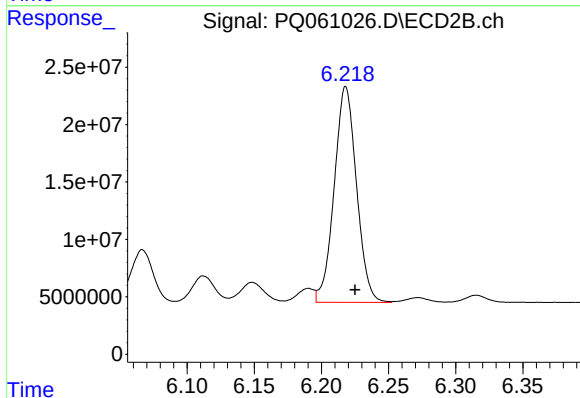
R.T.: 5.724 min
Delta R.T.: -0.006 min
Response: 92557862
Conc: 291.39 ng/ml



#37 AR-1262-2

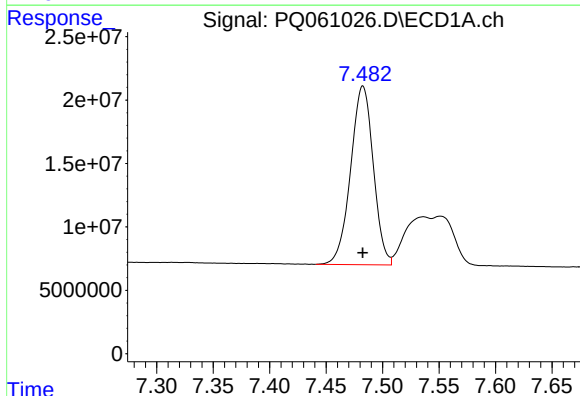
R.T.: 7.204 min
Delta R.T.: -0.003 min
Response: 305291497
Conc: 390.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



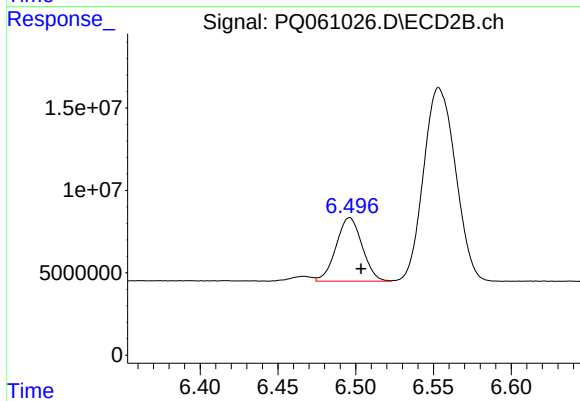
#37 AR-1262-2

R.T.: 6.218 min
Delta R.T.: -0.007 min
Response: 217147275
Conc: 372.49 ng/ml



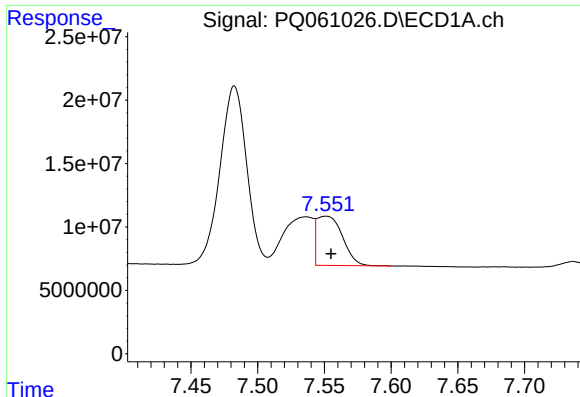
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 196682267
Conc: 373.71 ng/ml



#38 AR-1262-3

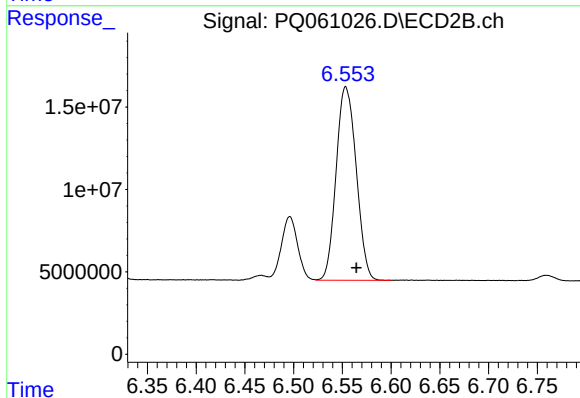
R.T.: 6.496 min
Delta R.T.: -0.007 min
Response: 44928392
Conc: 188.93 ng/ml



#39 AR-1262-4

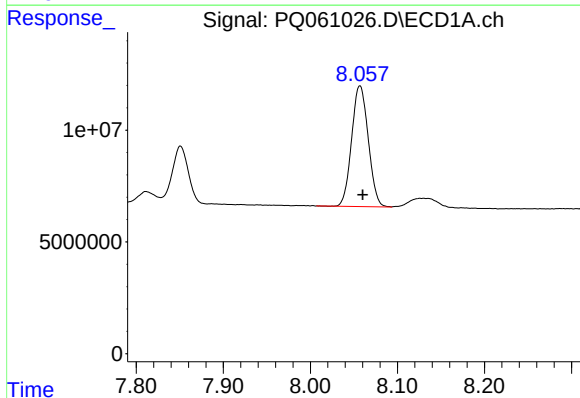
R.T.: 7.551 min
Delta R.T.: -0.004 min
Response: 52068623
Conc: 126.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



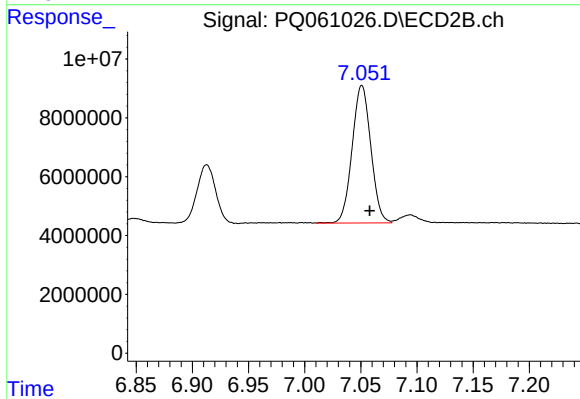
#39 AR-1262-4

R.T.: 6.553 min
Delta R.T.: -0.011 min
Response: 168381581
Conc: 380.77 ng/ml



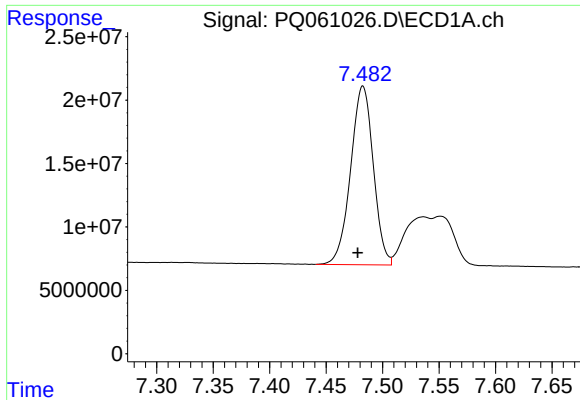
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: -0.003 min
Response: 71753838
Conc: 265.26 ng/ml



#40 AR-1262-5

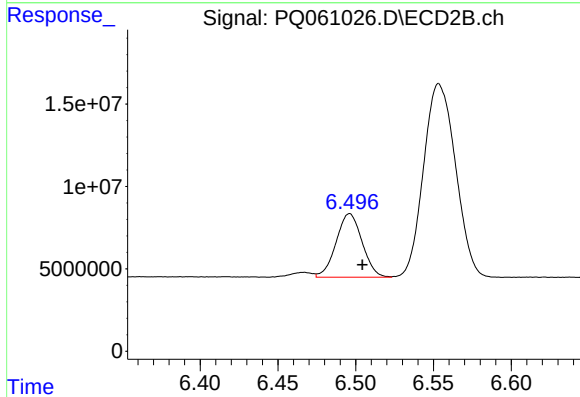
R.T.: 7.051 min
Delta R.T.: -0.007 min
Response: 54238676
Conc: 256.41 ng/ml



#41 AR-1268-1

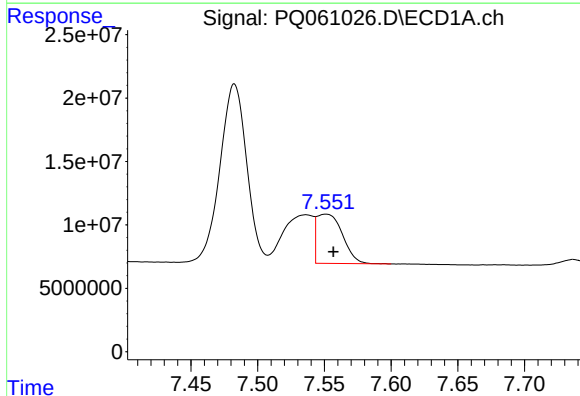
R.T.: 7.483 min
Delta R.T.: 0.005 min
Response: 196682267
Conc: 226.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



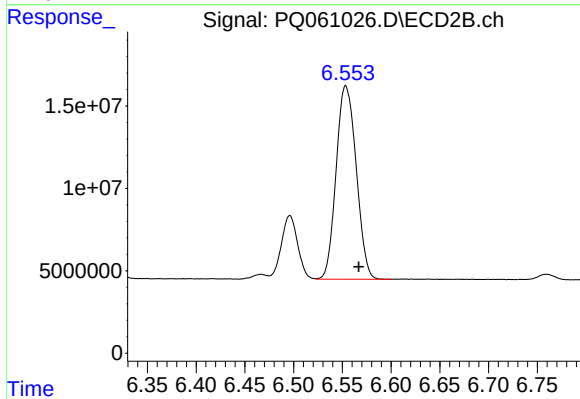
#41 AR-1268-1

R.T.: 6.496 min
Delta R.T.: -0.008 min
Response: 44928392
Conc: 66.83 ng/ml



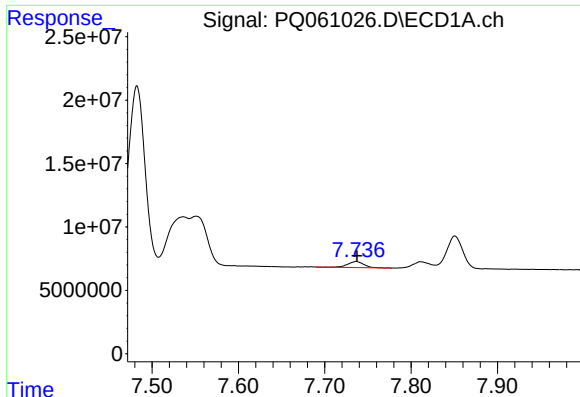
#42 AR-1268-2

R.T.: 7.551 min
Delta R.T.: -0.006 min
Response: 52068623
Conc: 65.70 ng/ml



#42 AR-1268-2

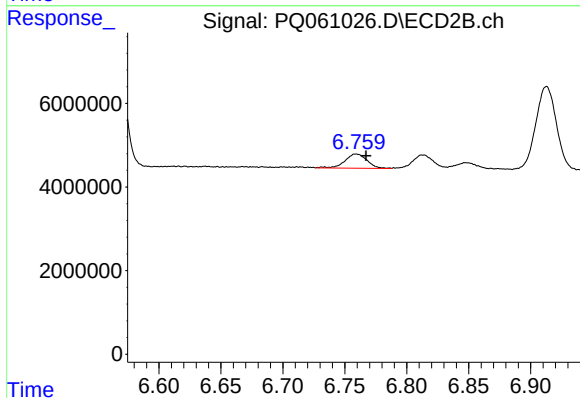
R.T.: 6.553 min
Delta R.T.: -0.014 min
Response: 168381581
Conc: 272.39 ng/ml



#43 AR-1268-3

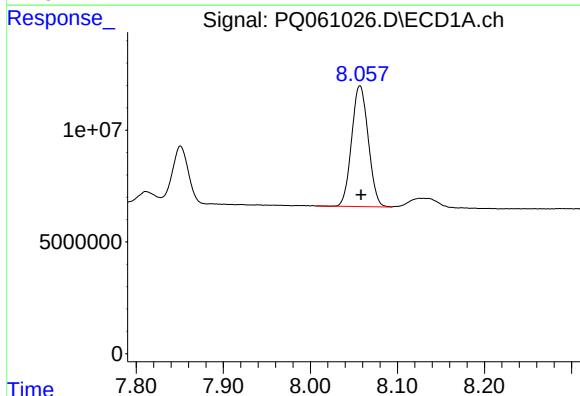
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 6312804
Conc: 9.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



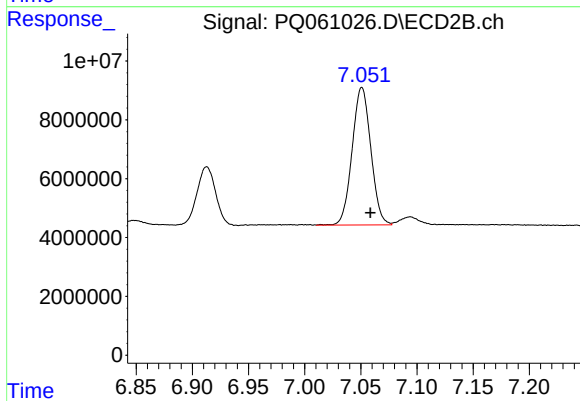
#43 AR-1268-3

R.T.: 6.759 min
Delta R.T.: -0.008 min
Response: 4235019
Conc: 7.82 ng/ml



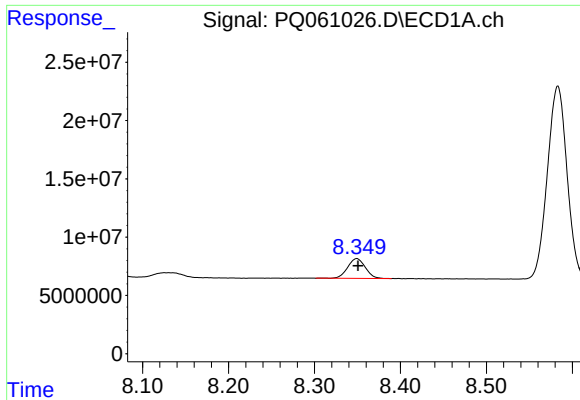
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: -0.001 min
Response: 71753838
Conc: 243.32 ng/ml



#44 AR-1268-4

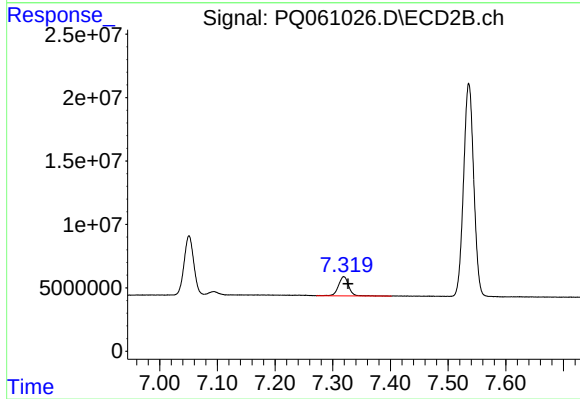
R.T.: 7.051 min
Delta R.T.: -0.008 min
Response: 54238676
Conc: 232.60 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.002 min
Response: 24206541
Conc: 12.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.319 min
Delta R.T.: -0.007 min
Response: 18709010
Conc: 10.70 ng/ml