

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
 Data File : PQ063132.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2023 12:05
 Operator : YP\AJ
 Sample : PB150516BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 12:35:25 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...	3.453	2.782	106.7E6	95330146	19.854	23.114
2)	SA Decachlor...	8.687	7.590	95144489	94161762	24.574	21.770
Target Compounds							
3)	L1 AR-1016-1	4.566	3.794	89786966	77458027	461.455	486.038
4)	L1 AR-1016-2	4.586	3.810	128.4E6	103.9E6	462.874	486.328
5)	L1 AR-1016-3	4.644	3.972	79186380	59414100	463.068	496.952
6)	L1 AR-1016-4	4.736	4.021	66340709	46945159	471.406	483.840
7)	L1 AR-1016-5	5.026	4.217	64404371	59702936	468.077	474.437
8)	L2 AR-1221-1	3.652	2.986	9279911	7909511	136.377	144.145
9)	L2 AR-1221-2	3.735	3.064	11373734	9132976	238.387	242.133
10)	L2 AR-1221-3	3.806	3.132	45849807	40050717	297.091	332.857
11)	L3 AR-1232-1	3.806	3.132	45849807	40050717	354.872	411.049
12)	L3 AR-1232-2	4.305	3.810	64489592	103.9E6	924.660	1068.285
13)	L3 AR-1232-3	4.586	3.972	128.4E6	59414100	1051.108	1118.969
14)	L3 AR-1232-4	4.736	4.058	66340709	53397693	1099.467	1163.395
15)	L3 AR-1232-5	4.834	4.217	52157861	59702936	1195.008	1101.069
16)	L4 AR-1242-1	4.566	3.794	89786966	77458027	531.984	536.346
17)	L4 AR-1242-2	4.586	3.810	128.4E6	103.9E6	532.576	546.985
18)	L4 AR-1242-3	4.644	3.972	79186380	59414100	540.590	550.492
19)	L4 AR-1242-4	4.736	4.058	66340709	53397693	536.138	535.965
20)	L4 AR-1242-5	5.459	4.557	8772351	47903409	66.378	354.302 #
21)	L5 AR-1248-1	4.566	3.794	89786966	77458027	674.328	693.396
22)	L5 AR-1248-2	4.834	4.021	52157861	46945159	298.466	297.279
23)	L5 AR-1248-3	5.026	4.058	64404371	53397693	304.552	350.150
24)	L5 AR-1248-4	5.423	4.217	9831519	59702936	41.264	313.959 #
25)	L5 AR-1248-5	5.459	4.595	8772351	8146147	37.750	42.119
26)	L6 AR-1254-1	5.395	4.557	48575393	47903409	221.800	178.536
27)	L6 AR-1254-2	5.615	4.705	60116525	46653506	177.520	198.767
28)	L6 AR-1254-3	5.970	5.090	47996172	26772090	133.874	70.794 #
29)	L6 AR-1254-4	6.255	5.317	203.3E6	11214591	750.224	45.905 #
30)	L6 AR-1254-5	6.671	5.725	181.8E6	195.6E6	657.777	566.593
31)	L7 AR-1260-1	6.136	5.219	175.5E6	117.4E6	686.382	470.265 #
32)	L7 AR-1260-2	6.397	5.410	205.7E6	148.9E6	677.641	483.392 #
33)	L7 AR-1260-3	6.753	5.553	91962517	146.2E6	436.250	471.774
34)	L7 AR-1260-4	6.971	6.018	110.4E6	107.6E6	460.625	438.992
35)	L7 AR-1260-5	7.283	6.265	215.4E6	243.9E6	459.039	446.222
36)	L8 AR-1262-1	6.753	5.819	91962517	57419630	284.762	402.141 #
37)	L8 AR-1262-2	7.283	6.018	215.4E6	107.6E6	396.847	344.474
38)	L8 AR-1262-3	7.563	6.544	137.9E6	51395126	381.836	203.877 #
39)	L8 AR-1262-4	7.635	6.602	82202977	190.9E6	293.279	408.355 #
40)	L8 AR-1262-5	8.144	7.102	51394554	59571164	273.438	271.110
41)	L9 AR-1268-1	7.563	6.544	137.9E6	51395126	213.270	68.868 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
 Data File : PQ063132.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2023 12:05
 Operator : YP\AJ
 Sample : PB150516BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

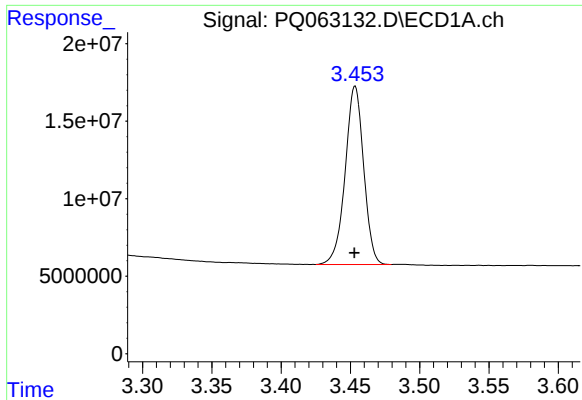
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 12:35:25 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	7.635	6.602	82202977	190.9E6	137.078	278.035 #
43) L9	AR-1268-3	7.820	6.810	59487080	6018951	120.821	10.255 #
44) L9	AR-1268-4	8.144	7.102	51394554	59571164	239.560	233.945
45) L9	AR-1268-5	8.445	7.371	17429578	19486737	11.309	11.000

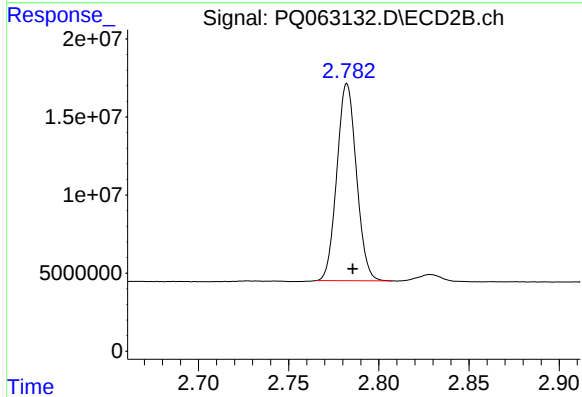
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

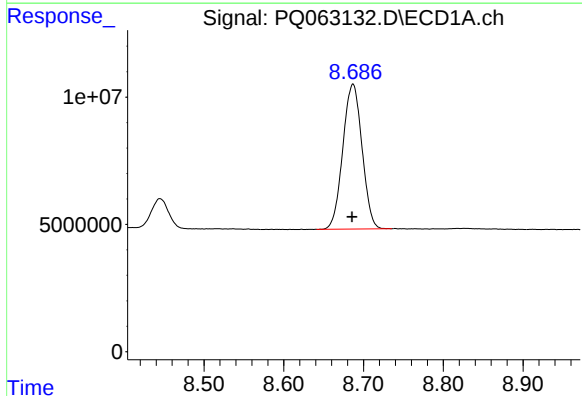
R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 106685725
Conc: 19.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



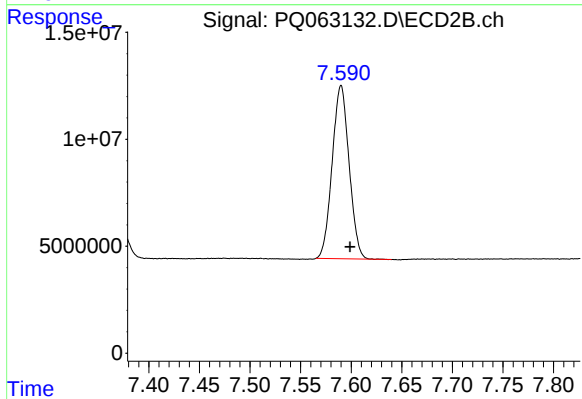
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: -0.003 min
Response: 95330146
Conc: 23.11 ng/ml



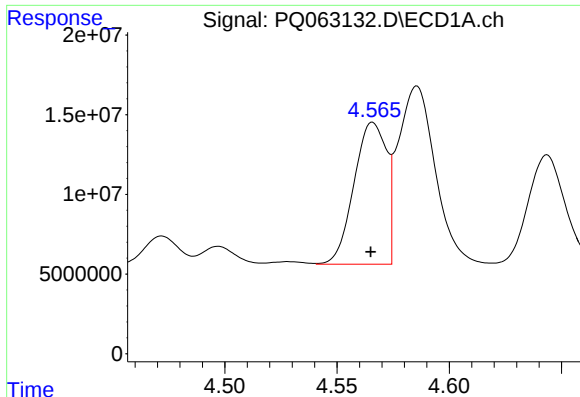
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: 0.001 min
Response: 95144489
Conc: 24.57 ng/ml



#2 Decachlorobiphenyl

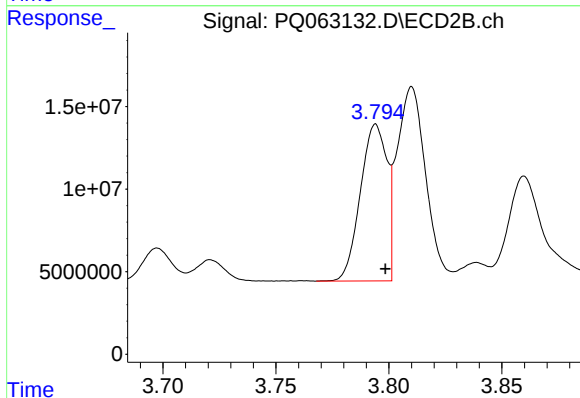
R.T.: 7.590 min
Delta R.T.: -0.009 min
Response: 94161762
Conc: 21.77 ng/ml



#3 AR-1016-1

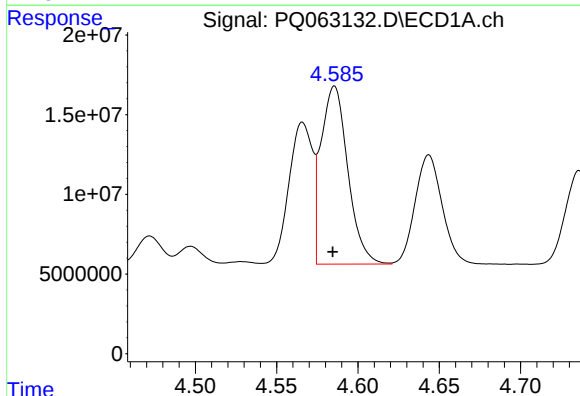
R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 89786966
Conc: 461.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



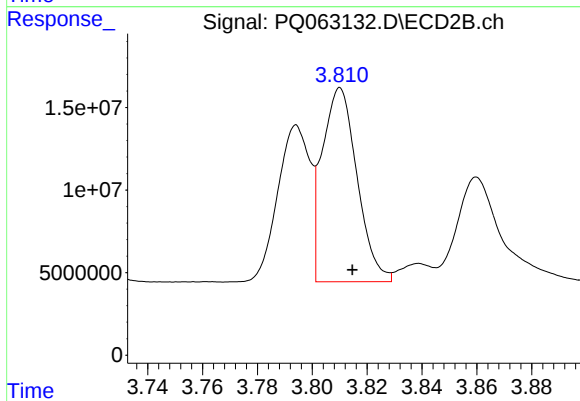
#3 AR-1016-1

R.T.: 3.794 min
Delta R.T.: -0.004 min
Response: 77458027
Conc: 486.04 ng/ml



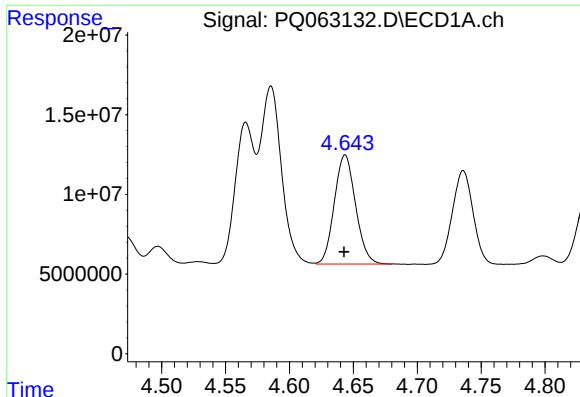
#4 AR-1016-2

R.T.: 4.586 min
Delta R.T.: 0.001 min
Response: 128436653
Conc: 462.87 ng/ml



#4 AR-1016-2

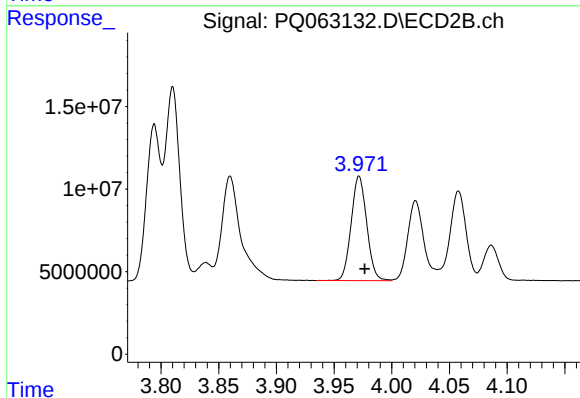
R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 103915168
Conc: 486.33 ng/ml



#5 AR-1016-3

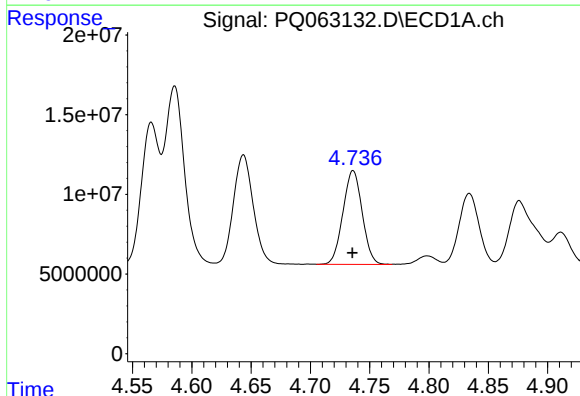
R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 79186380
Conc: 463.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



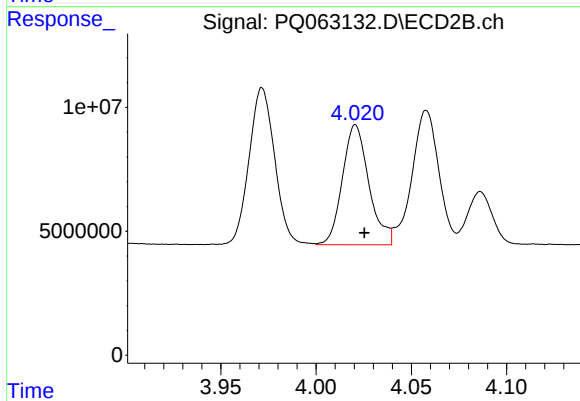
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: -0.005 min
Response: 59414100
Conc: 496.95 ng/ml



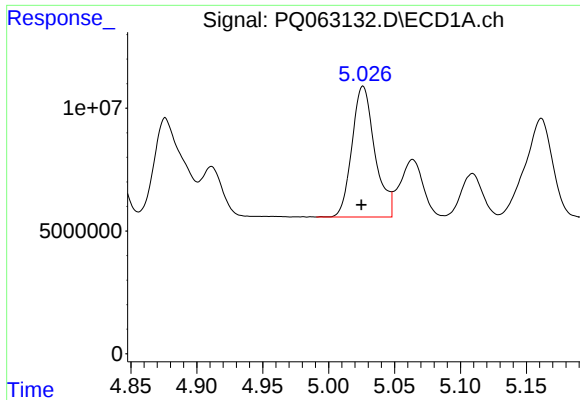
#6 AR-1016-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 66340709
Conc: 471.41 ng/ml



#6 AR-1016-4

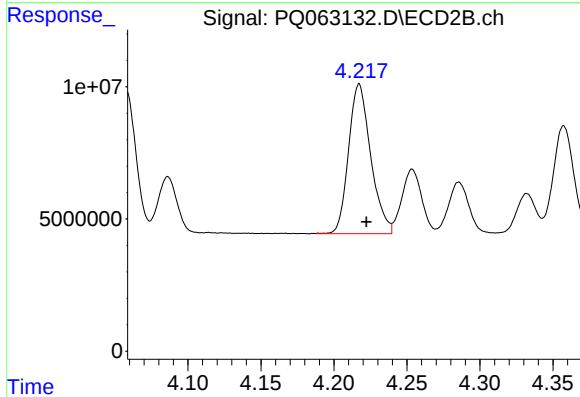
R.T.: 4.021 min
Delta R.T.: -0.005 min
Response: 46945159
Conc: 483.84 ng/ml



#7 AR-1016-5

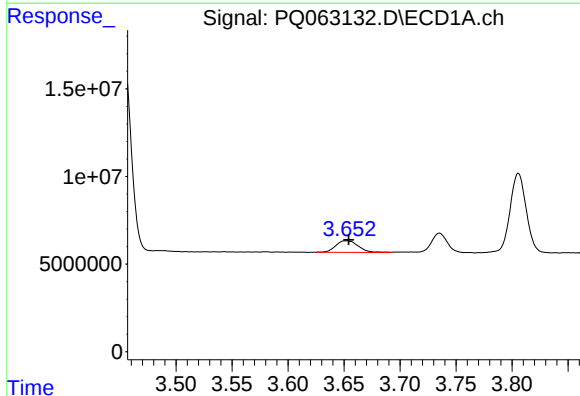
R.T.: 5.026 min
Delta R.T.: 0.001 min
Response: 64404371
Conc: 468.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



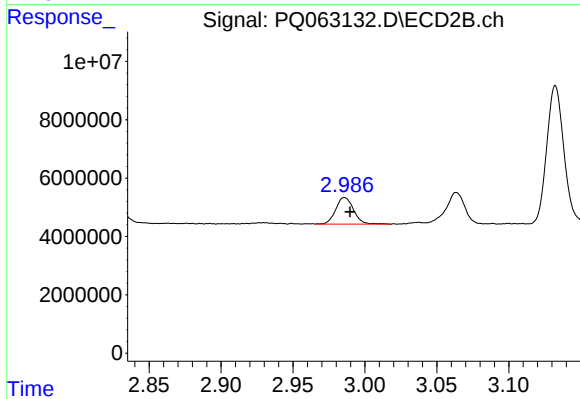
#7 AR-1016-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 59702936
Conc: 474.44 ng/ml



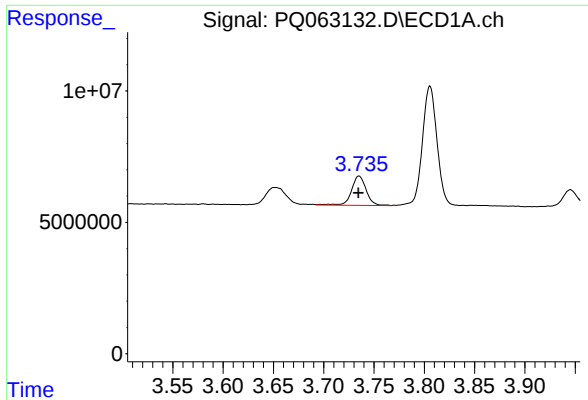
#8 AR-1221-1

R.T.: 3.652 min
Delta R.T.: -0.002 min
Response: 9279911
Conc: 136.38 ng/ml



#8 AR-1221-1

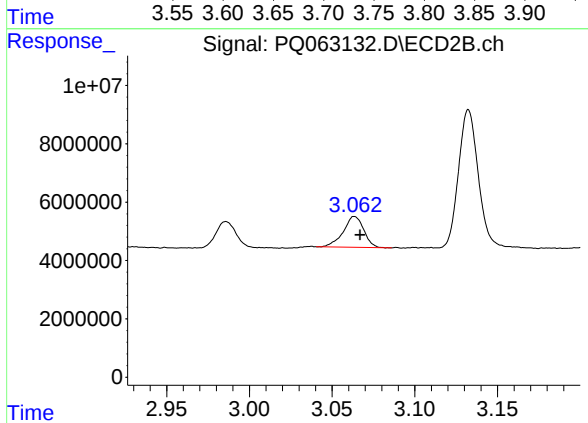
R.T.: 2.986 min
Delta R.T.: -0.004 min
Response: 7909511
Conc: 144.14 ng/ml



#9 AR-1221-2

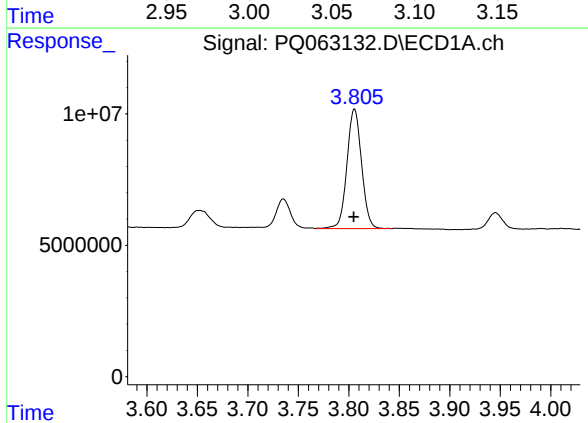
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 11373734
Conc: 238.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



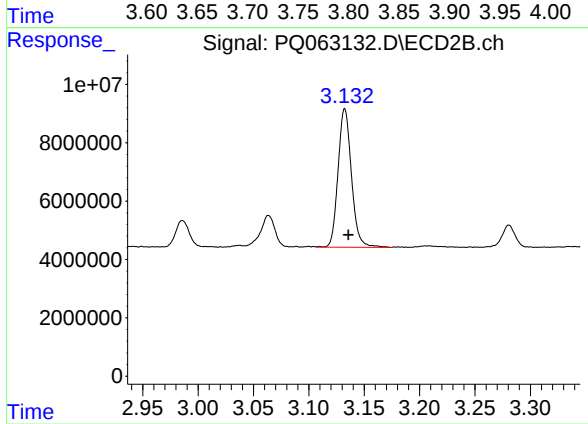
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.003 min
Response: 9132976
Conc: 242.13 ng/ml



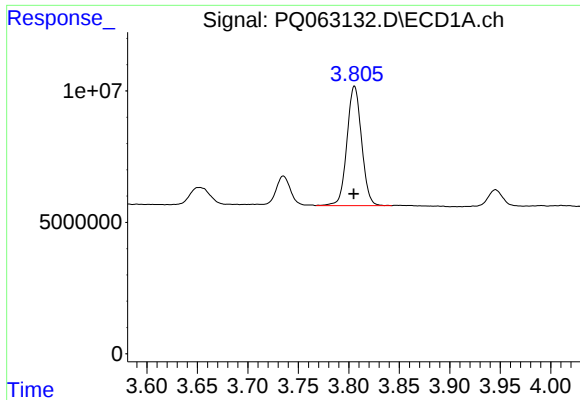
#10 AR-1221-3

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 45849807
Conc: 297.09 ng/ml



#10 AR-1221-3

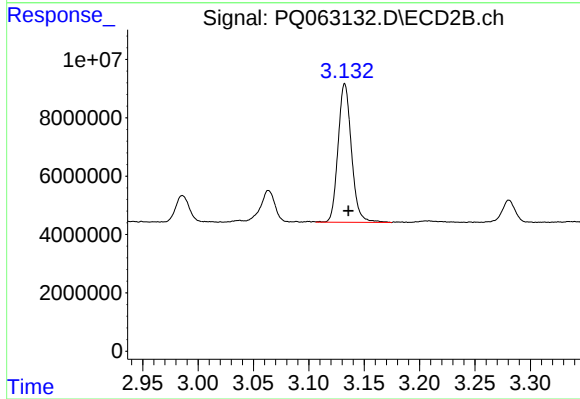
R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 40050717
Conc: 332.86 ng/ml



#11 AR-1232-1

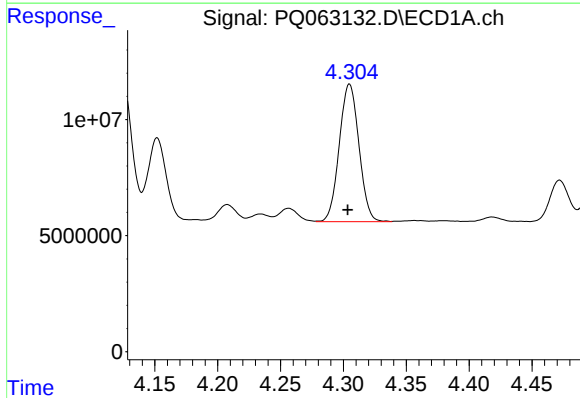
R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 45849807
Conc: 354.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



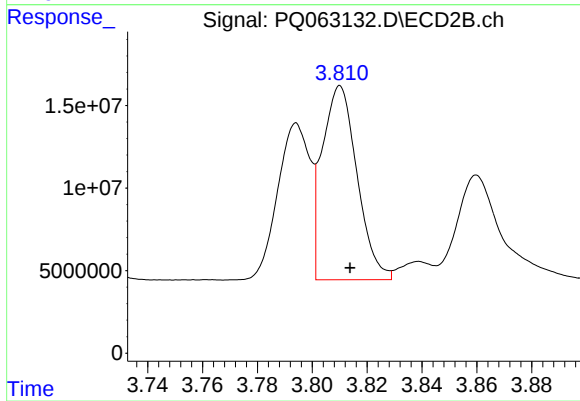
#11 AR-1232-1

R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 40050717
Conc: 411.05 ng/ml



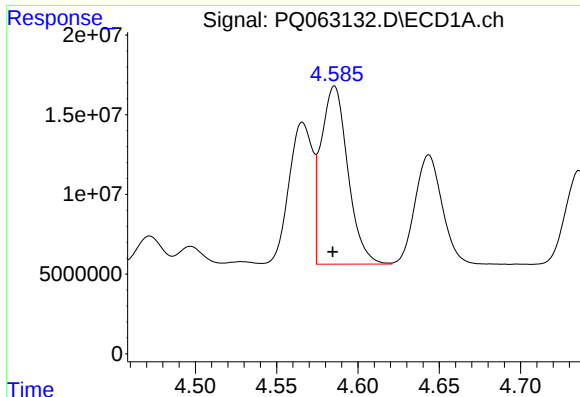
#12 AR-1232-2

R.T.: 4.305 min
Delta R.T.: 0.002 min
Response: 64489592
Conc: 924.66 ng/ml



#12 AR-1232-2

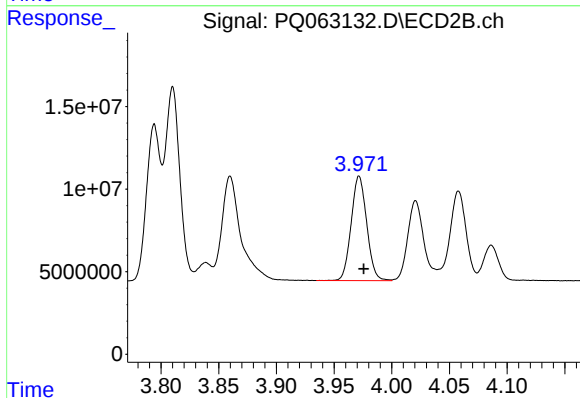
R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 103915168
Conc: 1068.29 ng/ml



#13 AR-1232-3

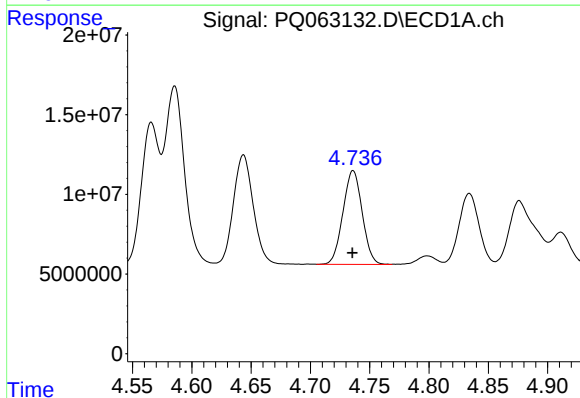
R.T.: 4.586 min
Delta R.T.: 0.001 min
Response: 128436653
Conc: 1051.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



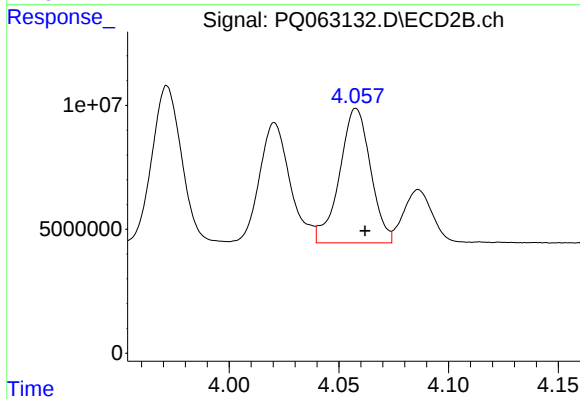
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 59414100
Conc: 1118.97 ng/ml



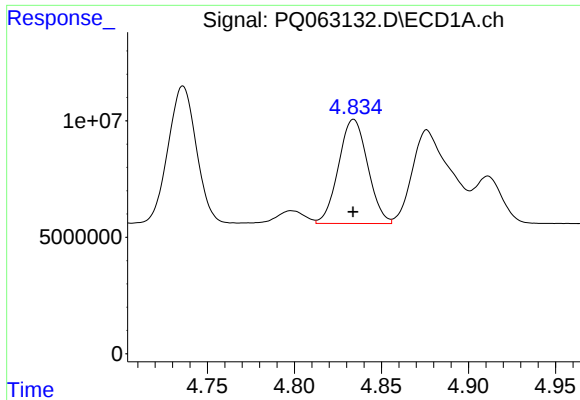
#14 AR-1232-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 66340709
Conc: 1099.47 ng/ml



#14 AR-1232-4

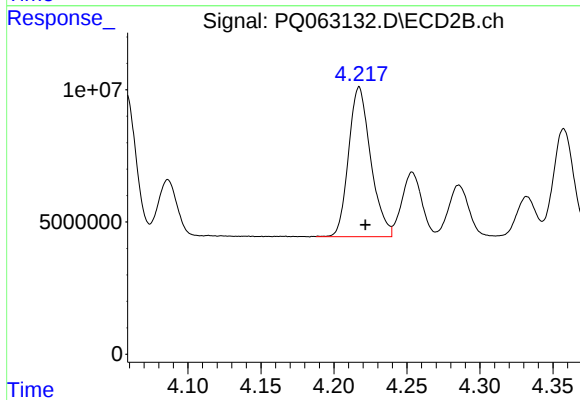
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 53397693
Conc: 1163.39 ng/ml



#15 AR-1232-5

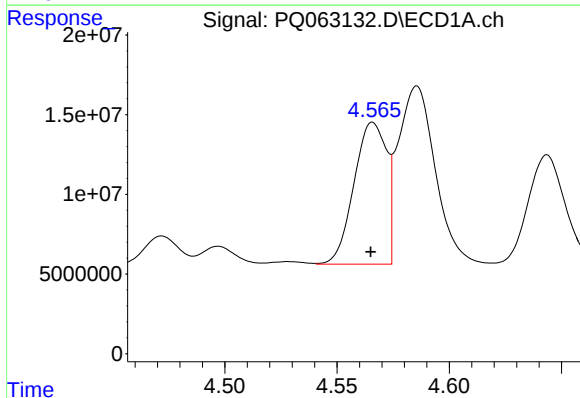
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 52157861
Conc: 1195.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



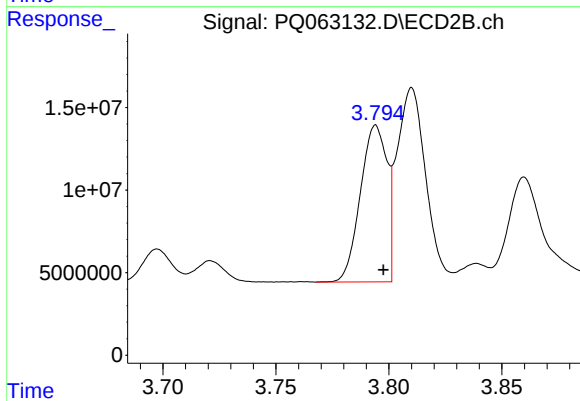
#15 AR-1232-5

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 59702936
Conc: 1101.07 ng/ml



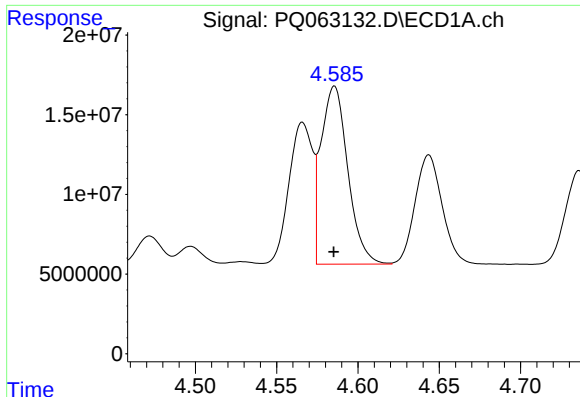
#16 AR-1242-1

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 89786966
Conc: 531.98 ng/ml



#16 AR-1242-1

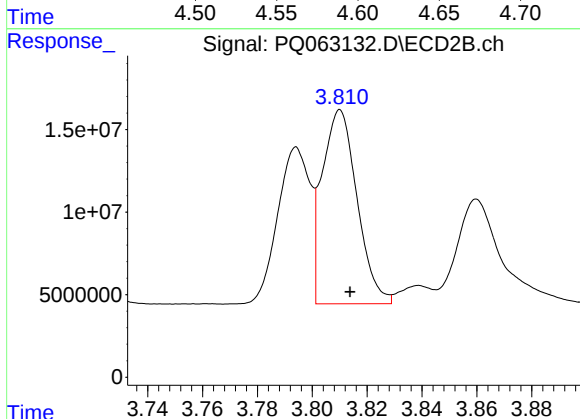
R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 77458027
Conc: 536.35 ng/ml



#17 AR-1242-2

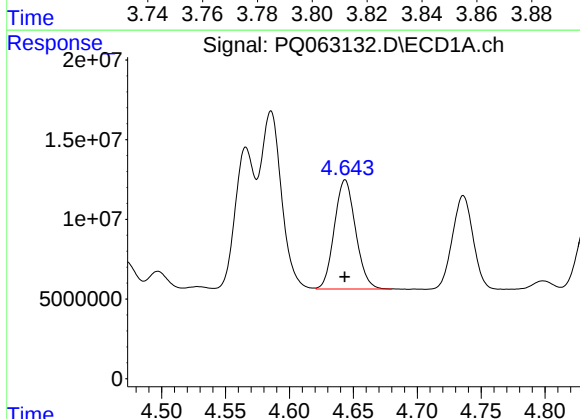
R.T.: 4.586 min
Delta R.T.: 0.000 min
Response: 128436653
Conc: 532.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



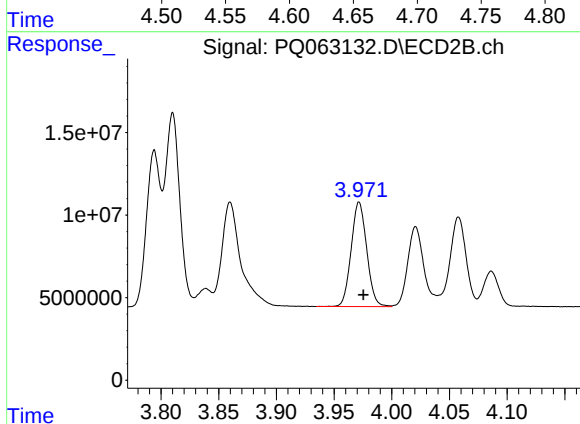
#17 AR-1242-2

R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 103915168
Conc: 546.98 ng/ml



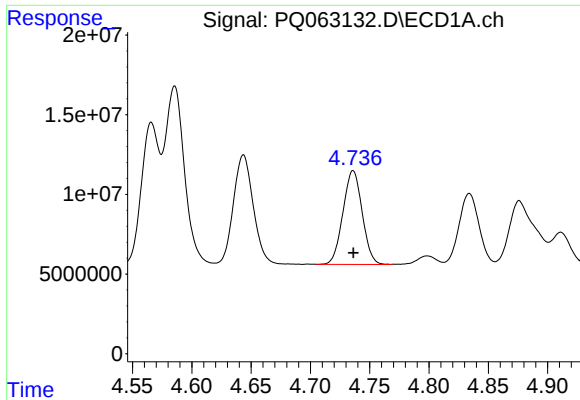
#18 AR-1242-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 79186380
Conc: 540.59 ng/ml



#18 AR-1242-3

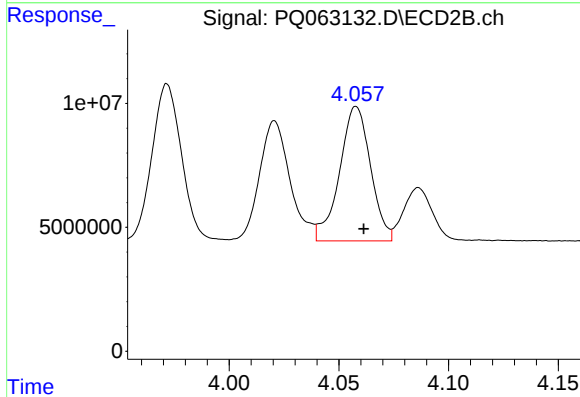
R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 59414100
Conc: 550.49 ng/ml



#19 AR-1242-4

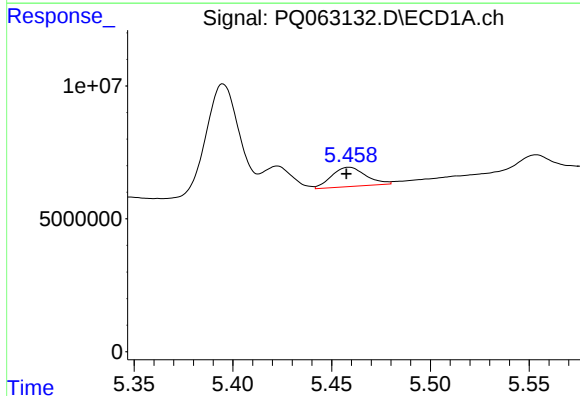
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 66340709
Conc: 536.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



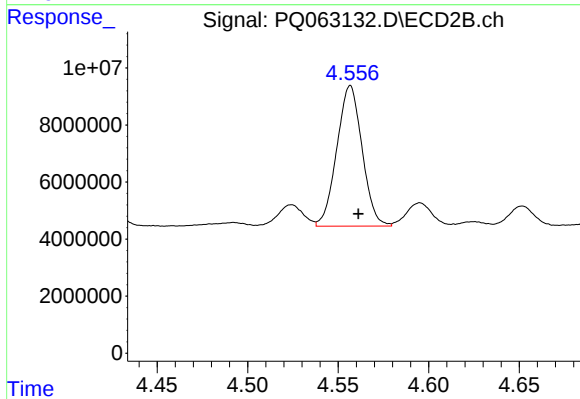
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 53397693
Conc: 535.97 ng/ml



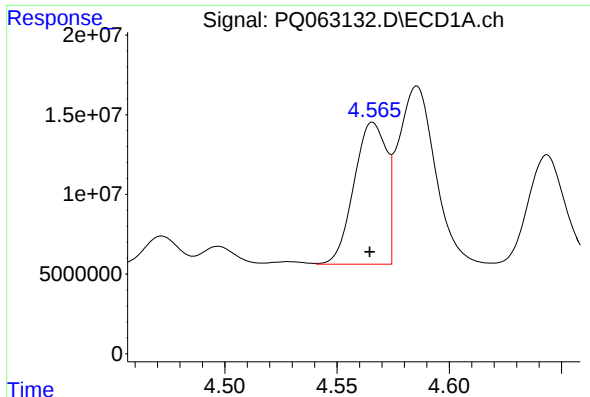
#20 AR-1242-5

R.T.: 5.459 min
Delta R.T.: 0.001 min
Response: 8772351
Conc: 66.38 ng/ml



#20 AR-1242-5

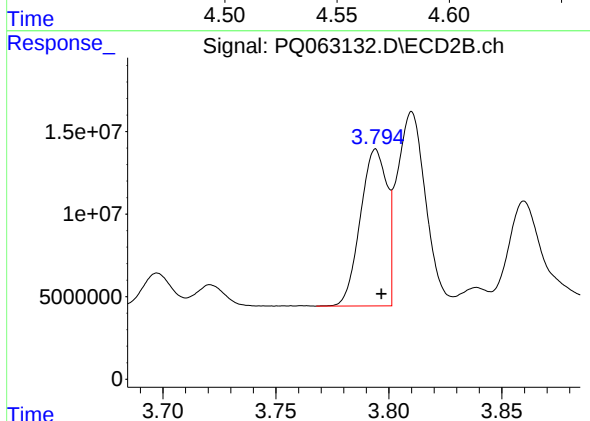
R.T.: 4.557 min
Delta R.T.: -0.004 min
Response: 47903409
Conc: 354.30 ng/ml



#21 AR-1248-1

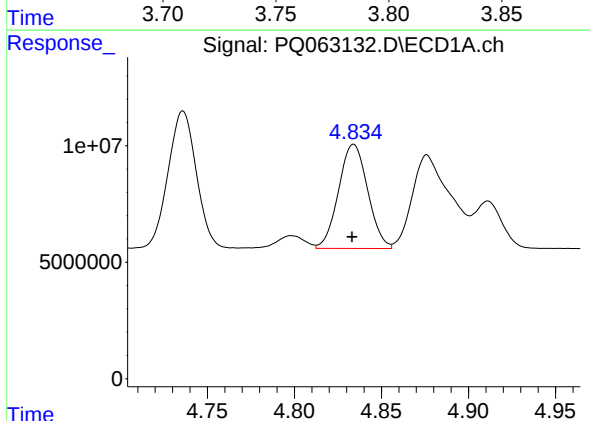
R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 89786966
Conc: 674.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



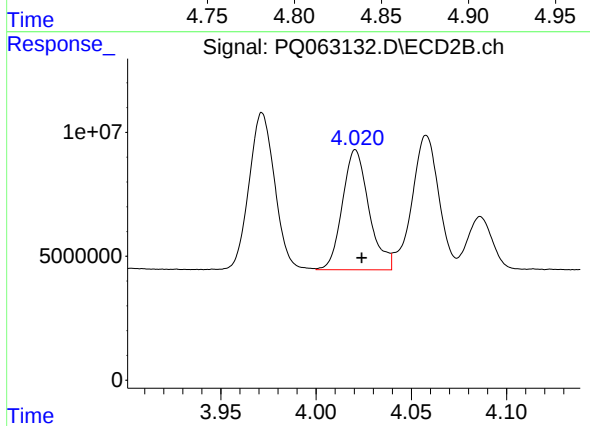
#21 AR-1248-1

R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 77458027
Conc: 693.40 ng/ml



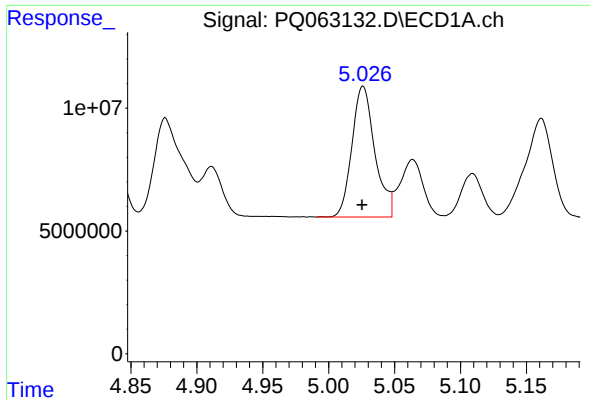
#22 AR-1248-2

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 52157861
Conc: 298.47 ng/ml



#22 AR-1248-2

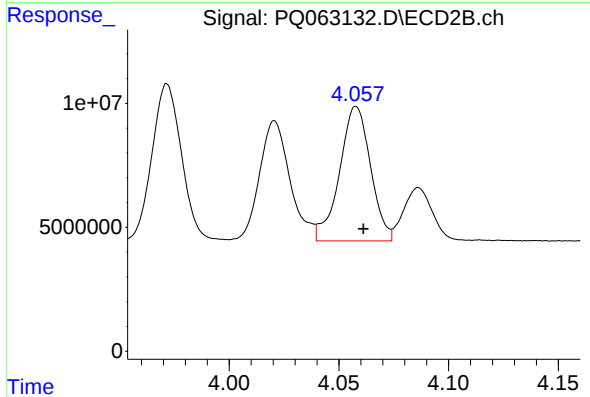
R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 46945159
Conc: 297.28 ng/ml



#23 AR-1248-3

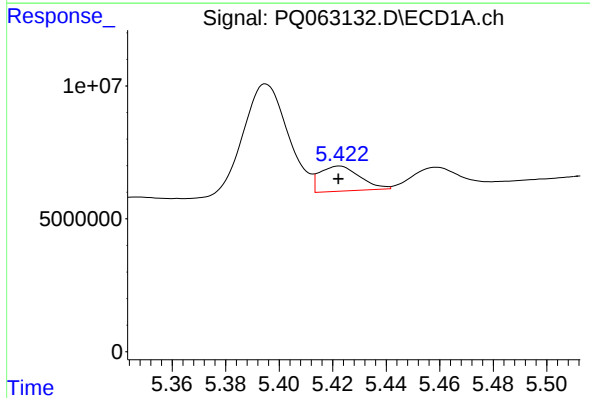
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 64404371
Conc: 304.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



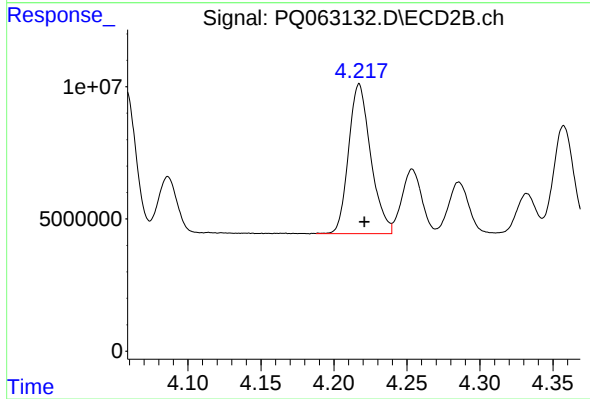
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 53397693
Conc: 350.15 ng/ml



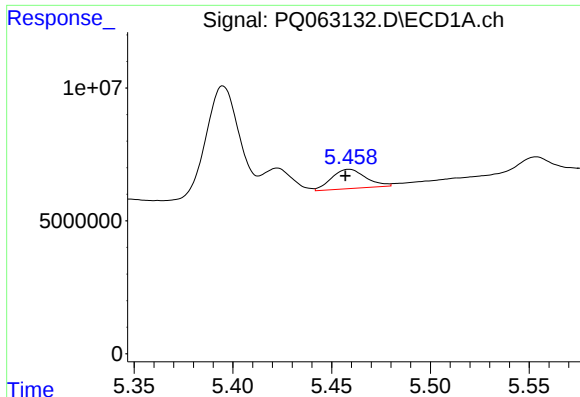
#24 AR-1248-4

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 9831519
Conc: 41.26 ng/ml



#24 AR-1248-4

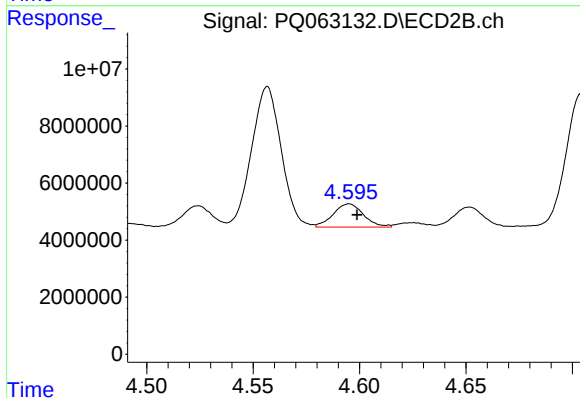
R.T.: 4.217 min
Delta R.T.: -0.003 min
Response: 59702936
Conc: 313.96 ng/ml



#25 AR-1248-5

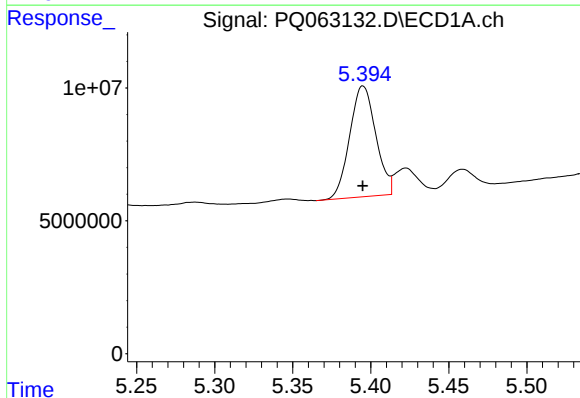
R.T.: 5.459 min
Delta R.T.: 0.002 min
Response: 8772351
Conc: 37.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



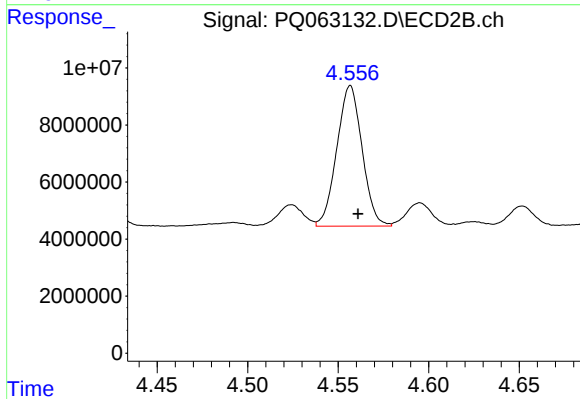
#25 AR-1248-5

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 8146147
Conc: 42.12 ng/ml



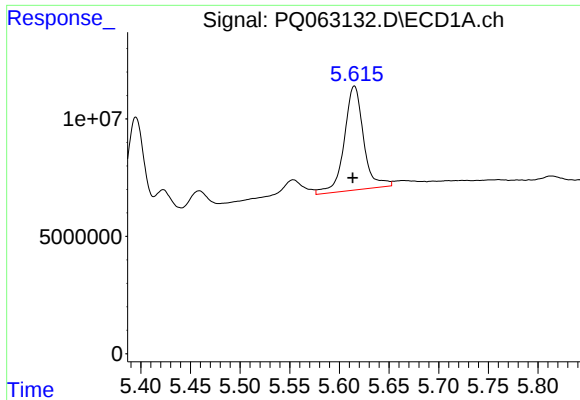
#26 AR-1254-1

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 48575393
Conc: 221.80 ng/ml



#26 AR-1254-1

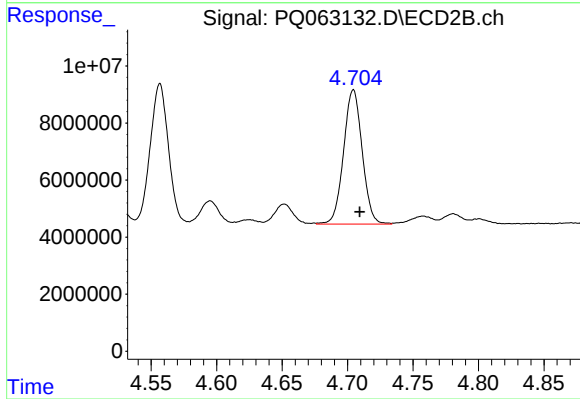
R.T.: 4.557 min
Delta R.T.: -0.004 min
Response: 47903409
Conc: 178.54 ng/ml



#27 AR-1254-2

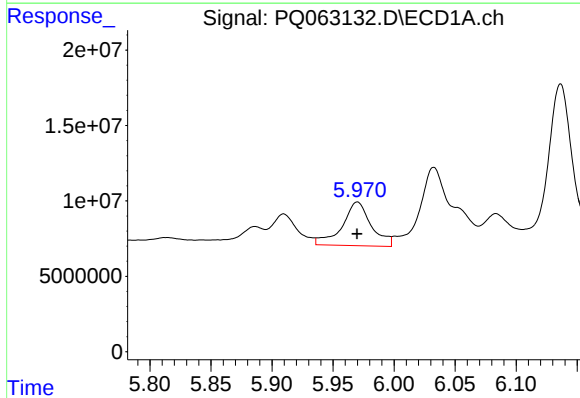
R.T.: 5.615 min
Delta R.T.: 0.002 min
Response: 60116525
Conc: 177.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



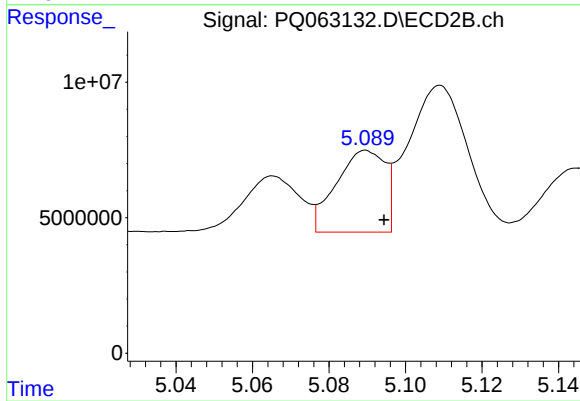
#27 AR-1254-2

R.T.: 4.705 min
Delta R.T.: -0.005 min
Response: 46653506
Conc: 198.77 ng/ml



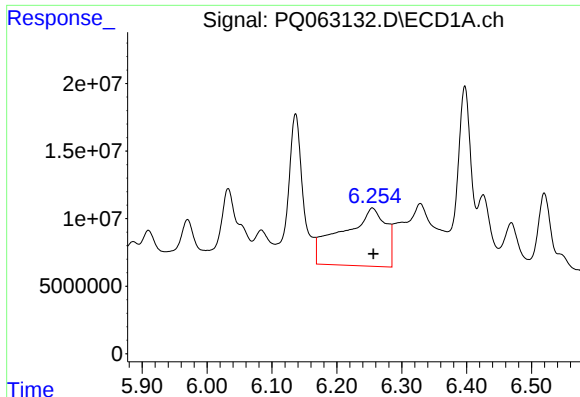
#28 AR-1254-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 47996172
Conc: 133.87 ng/ml



#28 AR-1254-3

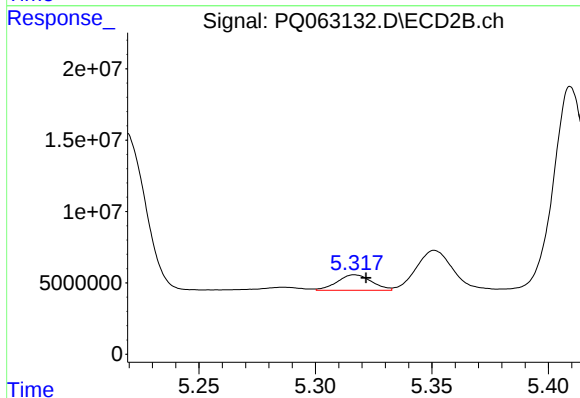
R.T.: 5.090 min
Delta R.T.: -0.005 min
Response: 26772090
Conc: 70.79 ng/ml



#29 AR-1254-4

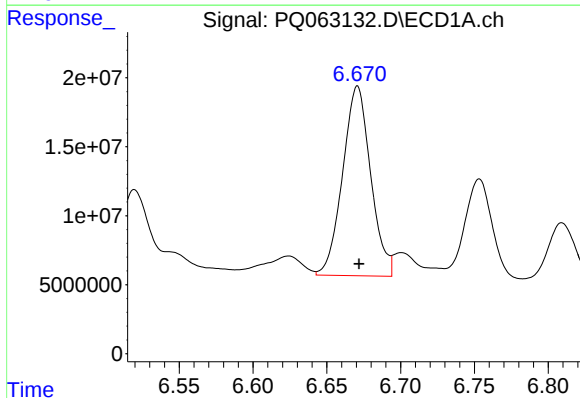
R.T.: 6.255 min
Delta R.T.: -0.001 min
Response: 203265509
Conc: 750.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



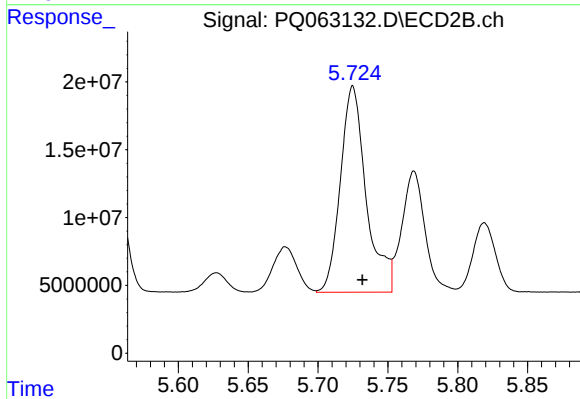
#29 AR-1254-4

R.T.: 5.317 min
Delta R.T.: -0.005 min
Response: 11214591
Conc: 45.90 ng/ml



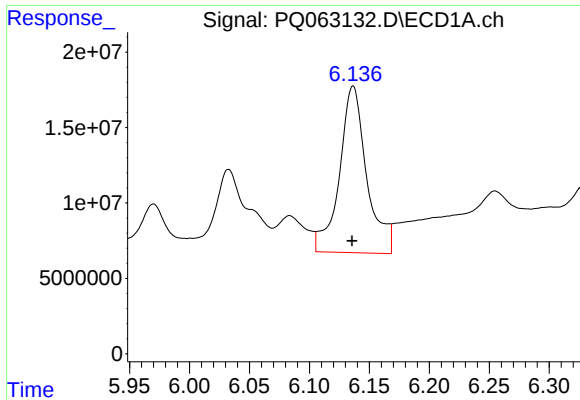
#30 AR-1254-5

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 181830422
Conc: 657.78 ng/ml



#30 AR-1254-5

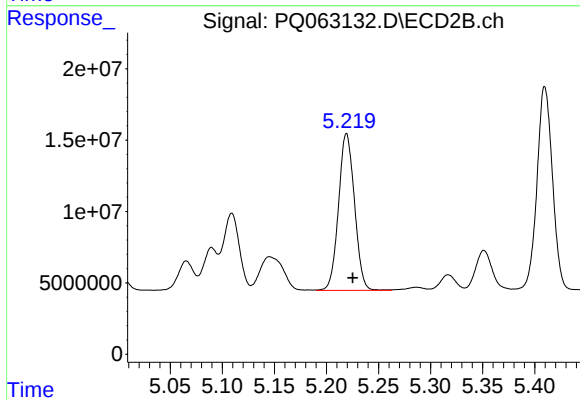
R.T.: 5.725 min
Delta R.T.: -0.007 min
Response: 195550734
Conc: 566.59 ng/ml



#31 AR-1260-1

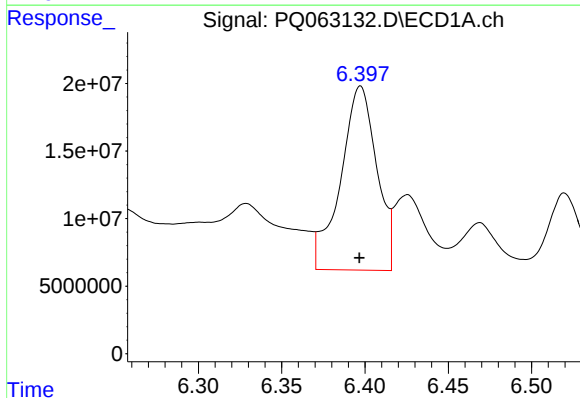
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 175464734
Conc: 686.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



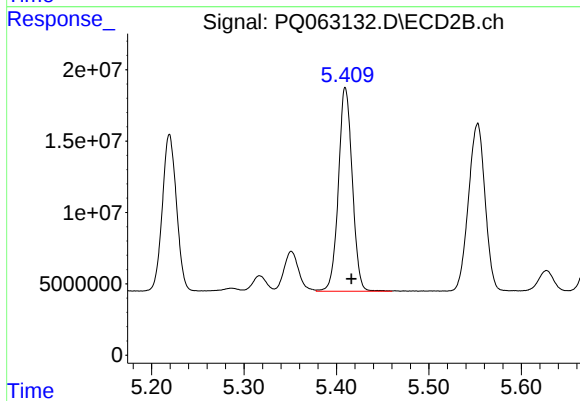
#31 AR-1260-1

R.T.: 5.219 min
Delta R.T.: -0.006 min
Response: 117367530
Conc: 470.26 ng/ml



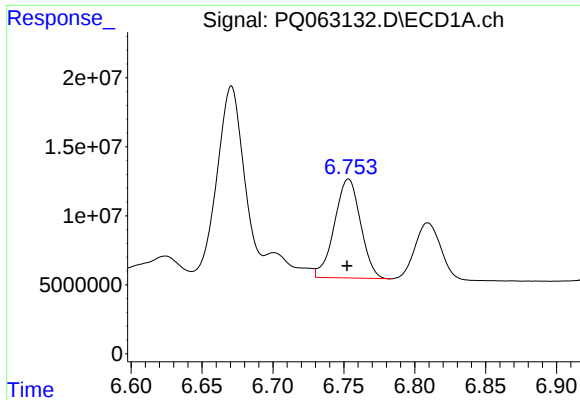
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 205672234
Conc: 677.64 ng/ml



#32 AR-1260-2

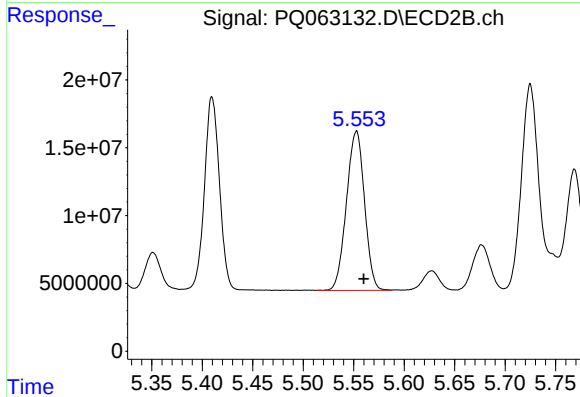
R.T.: 5.410 min
Delta R.T.: -0.006 min
Response: 148873051
Conc: 483.39 ng/ml



#33 AR-1260-3

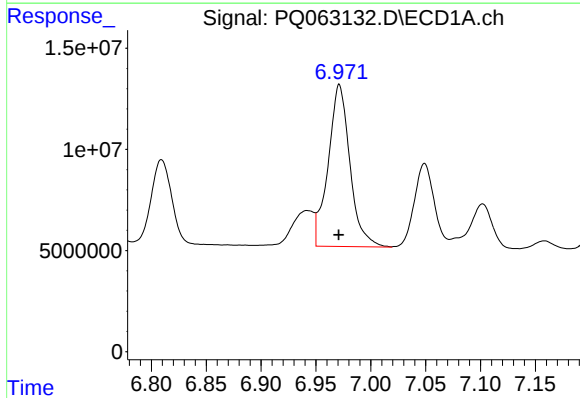
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 91962517
Conc: 436.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



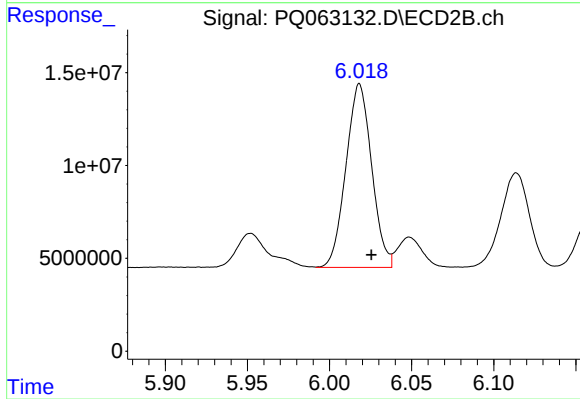
#33 AR-1260-3

R.T.: 5.553 min
Delta R.T.: -0.007 min
Response: 146188520
Conc: 471.77 ng/ml



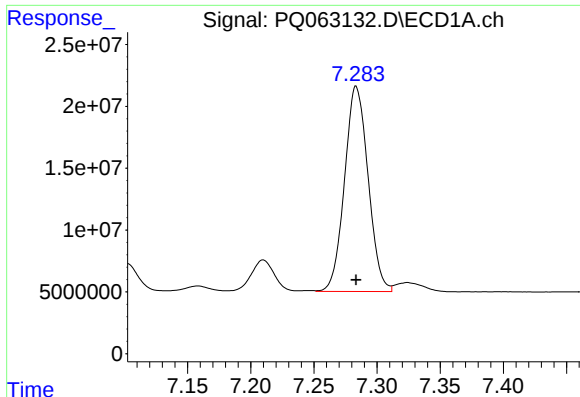
#34 AR-1260-4

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 110391215
Conc: 460.62 ng/ml



#34 AR-1260-4

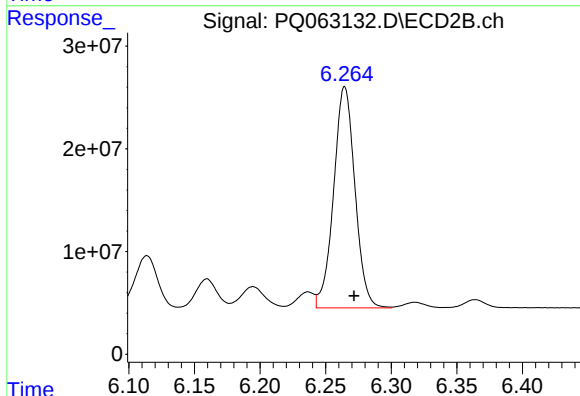
R.T.: 6.018 min
Delta R.T.: -0.007 min
Response: 107647192
Conc: 438.99 ng/ml



#35 AR-1260-5

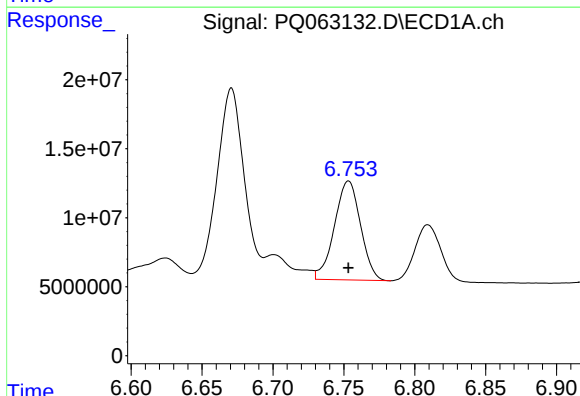
R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 215359702
Conc: 459.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



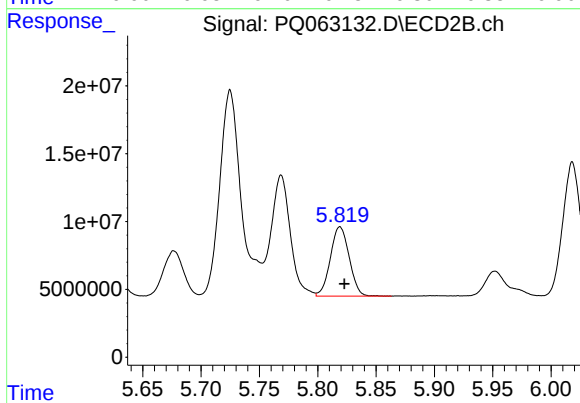
#35 AR-1260-5

R.T.: 6.265 min
Delta R.T.: -0.007 min
Response: 243869868
Conc: 446.22 ng/ml



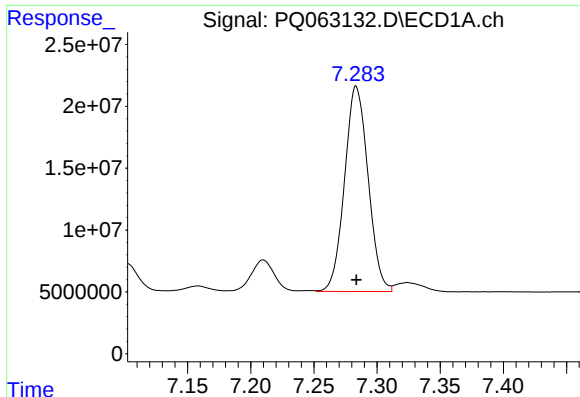
#36 AR-1262-1

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 91962517
Conc: 284.76 ng/ml



#36 AR-1262-1

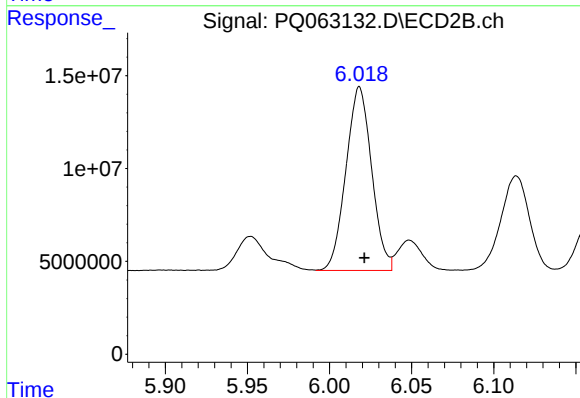
R.T.: 5.819 min
Delta R.T.: -0.004 min
Response: 57419630
Conc: 402.14 ng/ml



#37 AR-1262-2

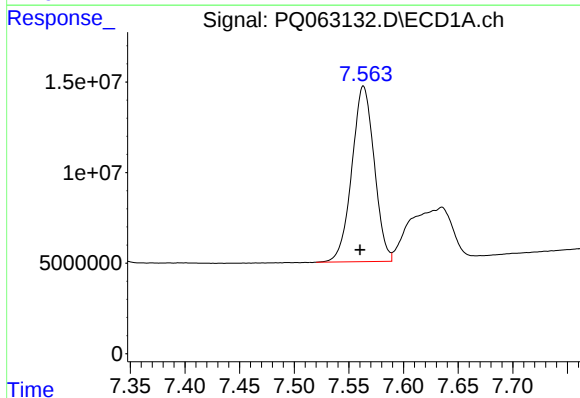
R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 215359702
Conc: 396.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



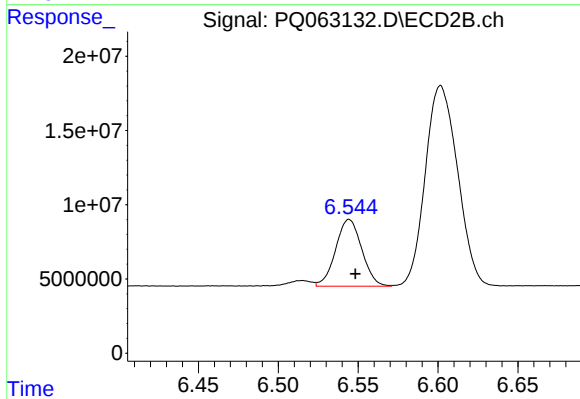
#37 AR-1262-2

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 107647192
Conc: 344.47 ng/ml



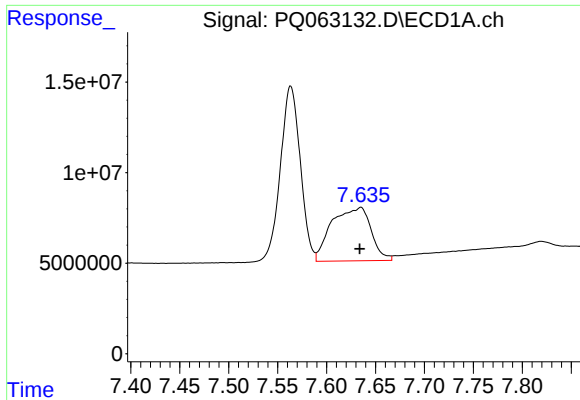
#38 AR-1262-3

R.T.: 7.563 min
Delta R.T.: 0.003 min
Response: 137924958
Conc: 381.84 ng/ml



#38 AR-1262-3

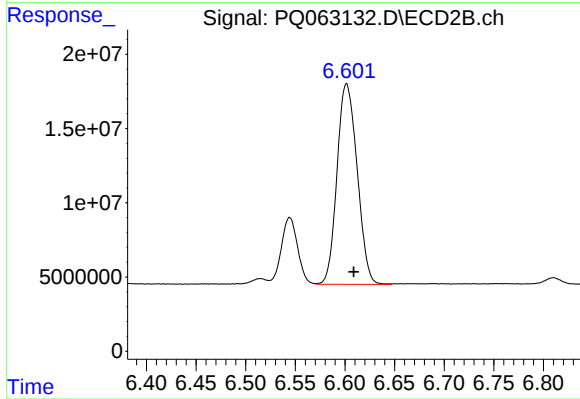
R.T.: 6.544 min
Delta R.T.: -0.004 min
Response: 51395126
Conc: 203.88 ng/ml



#39 AR-1262-4

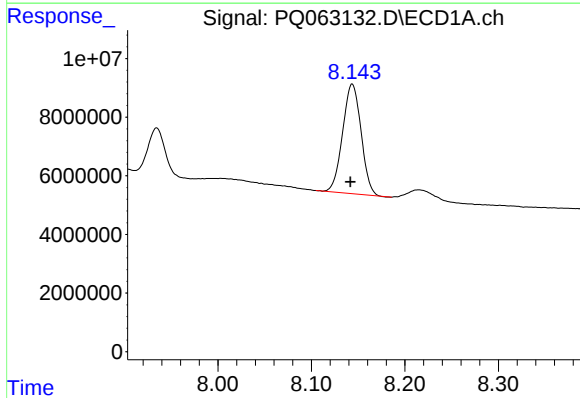
R.T.: 7.635 min
Delta R.T.: 0.001 min
Response: 82202977
Conc: 293.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



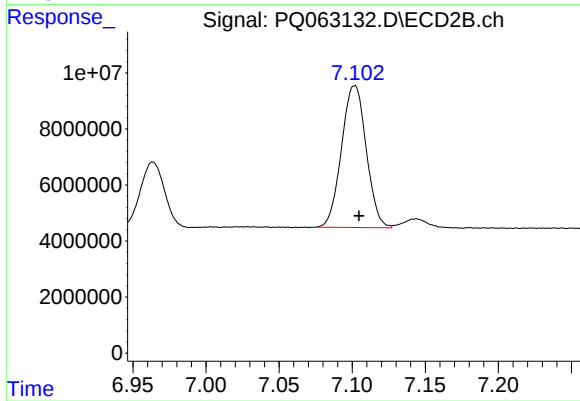
#39 AR-1262-4

R.T.: 6.602 min
Delta R.T.: -0.007 min
Response: 190909391
Conc: 408.36 ng/ml



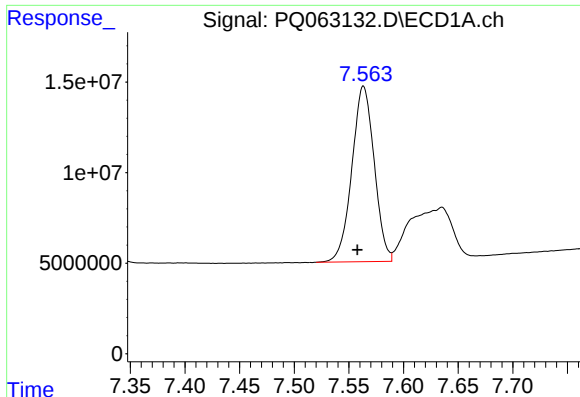
#40 AR-1262-5

R.T.: 8.144 min
Delta R.T.: 0.002 min
Response: 51394554
Conc: 273.44 ng/ml



#40 AR-1262-5

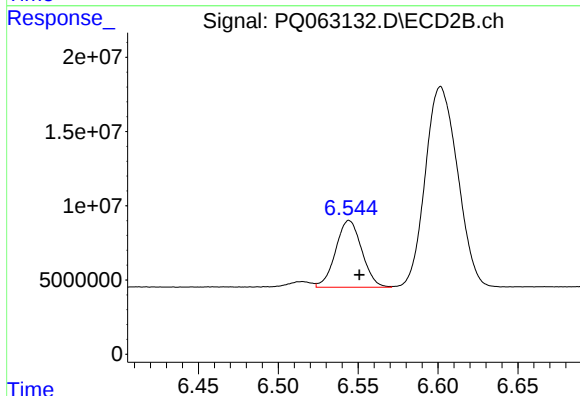
R.T.: 7.102 min
Delta R.T.: -0.003 min
Response: 59571164
Conc: 271.11 ng/ml



#41 AR-1268-1

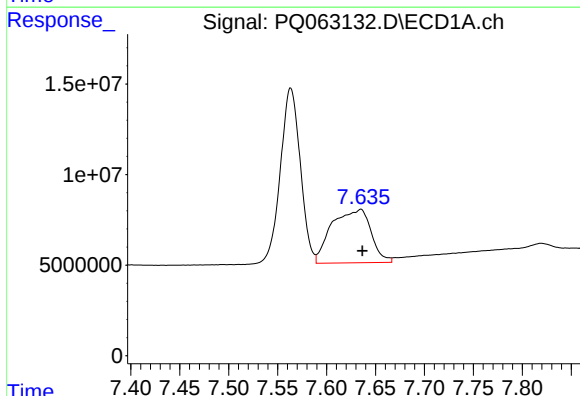
R.T.: 7.563 min
Delta R.T.: 0.005 min
Response: 137924958
Conc: 213.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



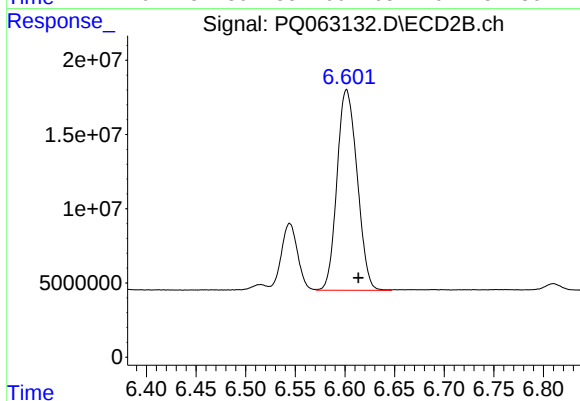
#41 AR-1268-1

R.T.: 6.544 min
Delta R.T.: -0.007 min
Response: 51395126
Conc: 68.87 ng/ml



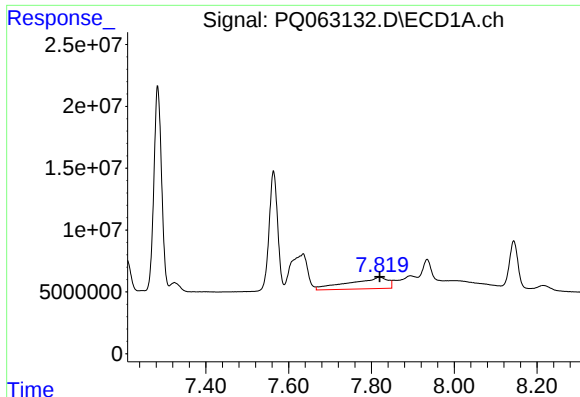
#42 AR-1268-2

R.T.: 7.635 min
Delta R.T.: -0.002 min
Response: 82202977
Conc: 137.08 ng/ml



#42 AR-1268-2

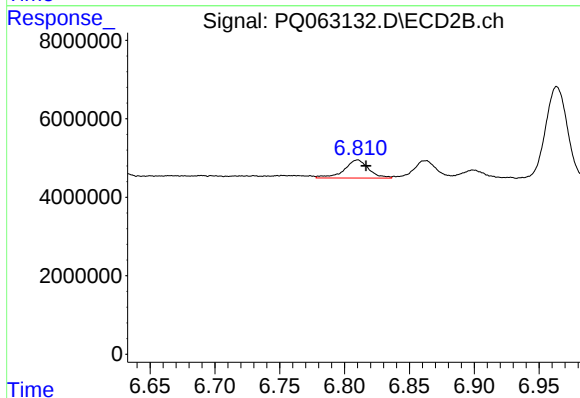
R.T.: 6.602 min
Delta R.T.: -0.012 min
Response: 190909391
Conc: 278.04 ng/ml



#43 AR-1268-3

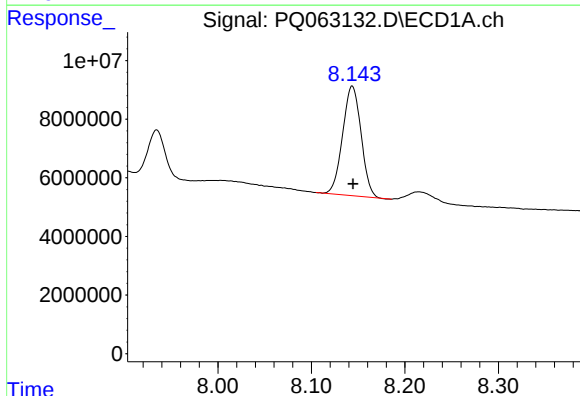
R.T.: 7.820 min
Delta R.T.: 0.000 min
Response: 59487080
Conc: 120.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



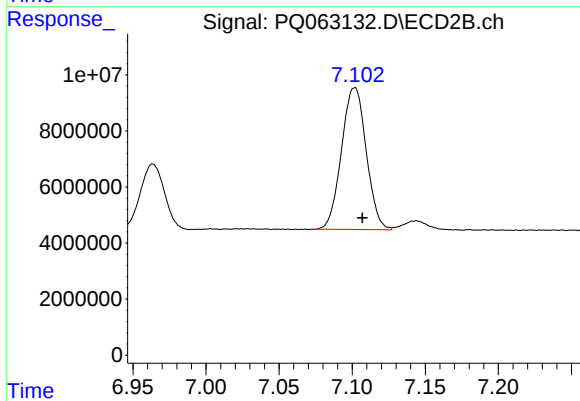
#43 AR-1268-3

R.T.: 6.810 min
Delta R.T.: -0.007 min
Response: 6018951
Conc: 10.25 ng/ml



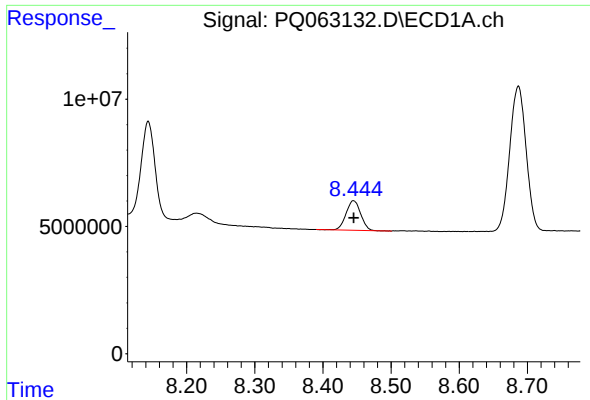
#44 AR-1268-4

R.T.: 8.144 min
Delta R.T.: -0.001 min
Response: 51394554
Conc: 239.56 ng/ml



#44 AR-1268-4

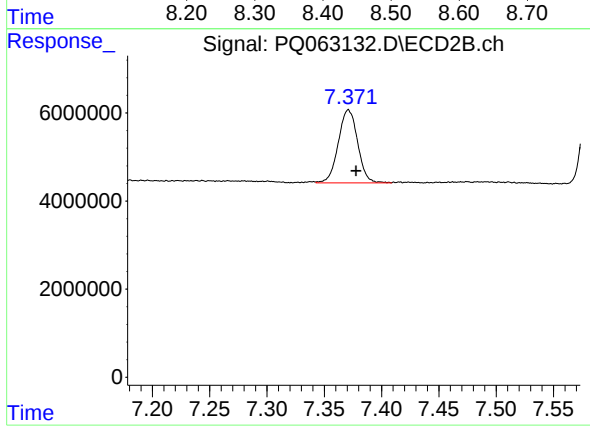
R.T.: 7.102 min
Delta R.T.: -0.005 min
Response: 59571164
Conc: 233.95 ng/ml



#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 17429578
Conc: 11.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.371 min
Delta R.T.: -0.007 min
Response: 19486737
Conc: 11.00 ng/ml