

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082423\
 Data File : PQ063192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2023 10:58
 Operator : YP\AJ
 Sample : PB155044BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 13:39:31 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	113.3E6	91205065	21.084	22.114
2)	SA Decachlor...	8.686	7.589	99411491	119.3E6	25.676	27.587
Target Compounds							
3)	L1 AR-1016-1	4.566	3.794	92713846	78353749	476.497	491.659
4)	L1 AR-1016-2	4.585	3.810	132.7E6	107.2E6	478.301	501.562
5)	L1 AR-1016-3	4.644	3.971	81670869	61441681	477.597	513.912
6)	L1 AR-1016-4	4.736	4.020	69031006	50508123	490.523	520.561
7)	L1 AR-1016-5	5.026	4.217	67403763	64107278	489.876	509.436
8)	L2 AR-1221-1	3.653	2.986	9204246	7428367	135.265	135.376
9)	L2 AR-1221-2	3.735	3.064	11164545	8737470	234.002	231.647
10)	L2 AR-1221-3	3.806	3.132	47003658	37967804	304.567	315.546
11)	L3 AR-1232-1	3.806	3.132	47003658	37967804	363.803	389.671
12)	L3 AR-1232-2	4.305	3.810	66879158	107.2E6	958.922	1101.748
13)	L3 AR-1232-3	4.585	3.971	132.7E6	61441681	1086.139	1157.155
14)	L3 AR-1232-4	4.736	4.058	69031006	55977407	1144.053	1219.600
15)	L3 AR-1232-5	4.834	4.217	54127959	64107278	1240.145	1182.296
16)	L4 AR-1242-1	4.566	3.794	92713846	78353749	549.325	542.548
17)	L4 AR-1242-2	4.585	3.810	132.7E6	107.2E6	550.326	564.118
18)	L4 AR-1242-3	4.644	3.971	81670869	61441681	557.551	569.278
19)	L4 AR-1242-4	4.736	4.058	69031006	55977407	557.880	561.858
20)	L4 AR-1242-5	5.458	4.556	10008136	52867490	75.729	391.017 #
21)	L5 AR-1248-1	4.566	3.794	92713846	78353749	696.310	701.414
22)	L5 AR-1248-2	4.834	4.020	54127959	50508123	309.740	319.842
23)	L5 AR-1248-3	5.026	4.058	67403763	55977407	318.735	367.066
24)	L5 AR-1248-4	5.423	4.217	11426226	64107278	47.957	337.120 #
25)	L5 AR-1248-5	5.458	4.594	10008136	8717766	43.068	45.074
26)	L6 AR-1254-1	5.395	4.556	52520025	52867490	239.812	197.038
27)	L6 AR-1254-2	5.615	4.704	59962255	52108930	177.065	222.010 #
28)	L6 AR-1254-3	5.970	5.089	33817481	29693025	94.326	78.518
29)	L6 AR-1254-4	6.254	5.316	24521135	12656936	90.504	51.809 #
30)	L6 AR-1254-5	6.671	5.724	192.3E6	212.0E6	695.822	614.371
31)	L7 AR-1260-1	6.136	5.219	133.9E6	134.1E6	523.624	537.484
32)	L7 AR-1260-2	6.398	5.409	160.8E6	165.8E6	529.713	538.339
33)	L7 AR-1260-3	6.753	5.552	99263574	159.0E6	470.884	513.008
34)	L7 AR-1260-4	6.971	6.017	120.0E6	119.5E6	500.666	487.442
35)	L7 AR-1260-5	7.285	6.264	232.0E6	275.4E6	494.433	503.910
36)	L8 AR-1262-1	6.753	5.819	99263574	62221718	307.369	435.773 #
37)	L8 AR-1262-2	7.285	6.017	232.0E6	119.5E6	427.445	382.492
38)	L8 AR-1262-3	7.565	6.544	148.4E6	57667629	410.900	228.759 #
39)	L8 AR-1262-4	7.634	6.602	39891614	215.1E6	142.323	460.026 #
40)	L8 AR-1262-5	8.143	7.101	53967205	69039923	287.126	314.202
41)	L9 AR-1268-1	7.565	6.544	148.4E6	57667629	229.504	77.273 #

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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

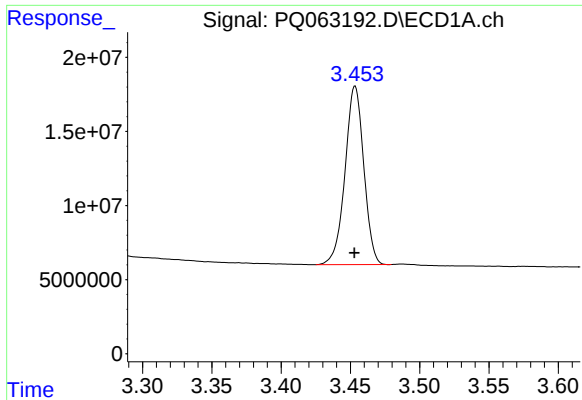
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 13:39:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
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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	7.634	6.602	39891614	215.1E6	66.522	313.216 #
43) L9	AR-1268-3	7.820	6.809	4941007	6175196	10.035	10.521
44) L9	AR-1268-4	8.143	7.101	53967205	69039923	251.552	271.130
45) L9	AR-1268-5	8.445	7.370	18175081	23444364	11.793	13.234

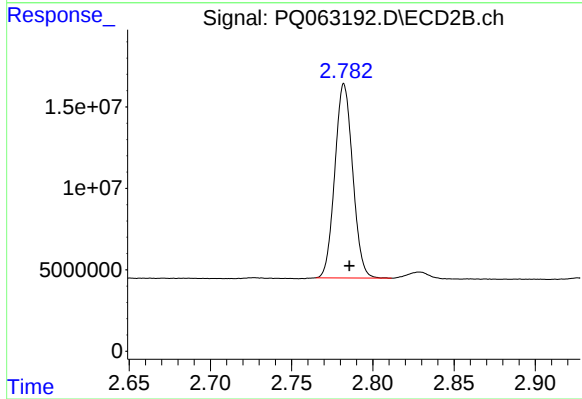
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

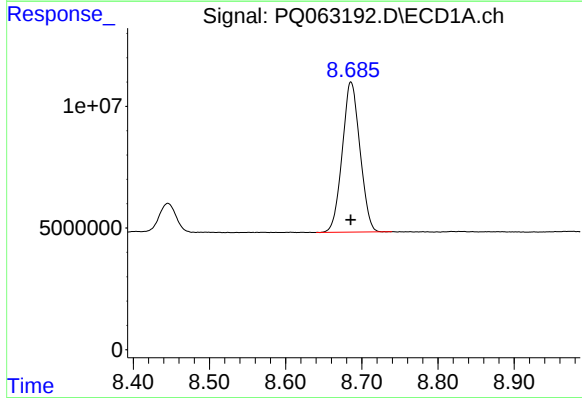
R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 113294021
Conc: 21.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



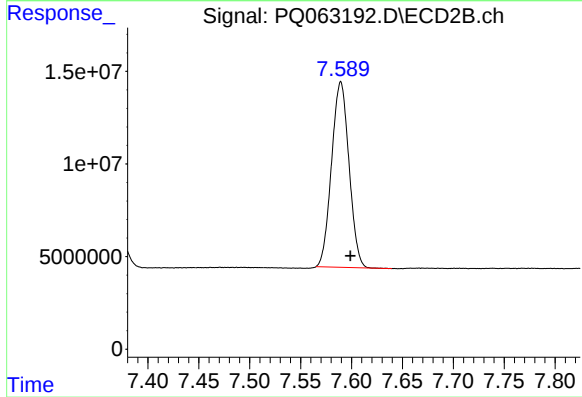
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: -0.003 min
Response: 91205065
Conc: 22.11 ng/ml



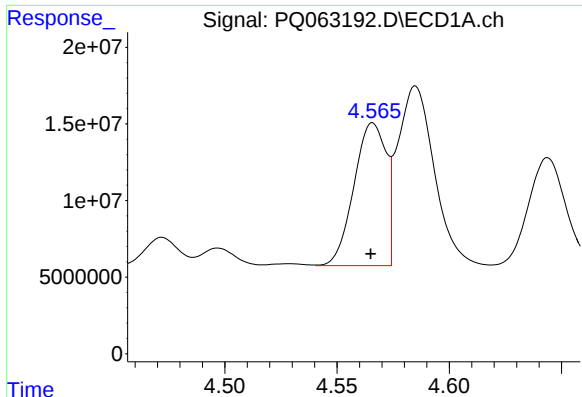
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 99411491
Conc: 25.68 ng/ml



#2 Decachlorobiphenyl

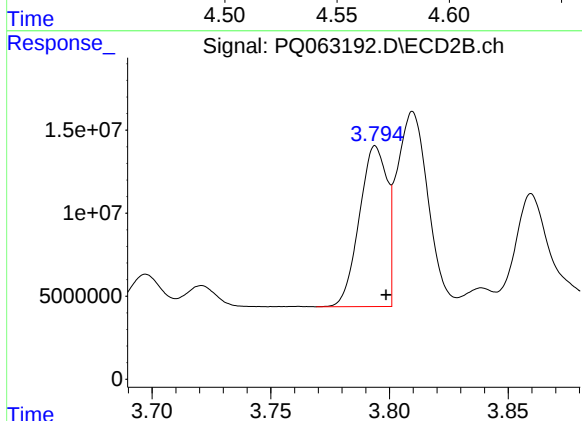
R.T.: 7.589 min
Delta R.T.: -0.010 min
Response: 119325650
Conc: 27.59 ng/ml



#3 AR-1016-1

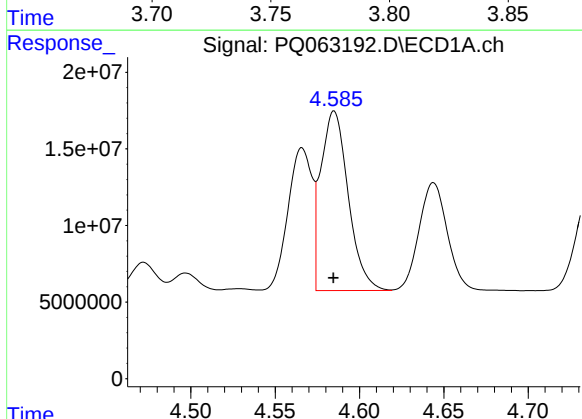
R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 92713846
Conc: 476.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



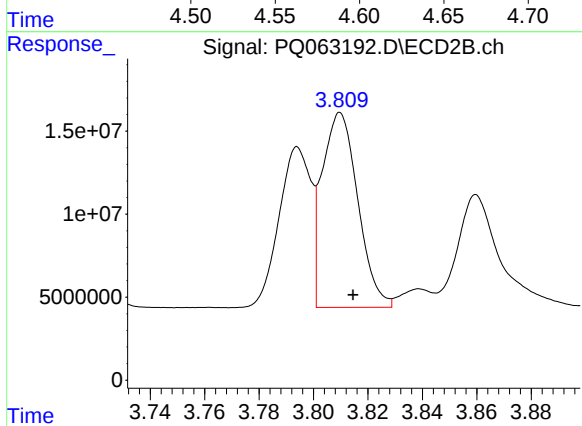
#3 AR-1016-1

R.T.: 3.794 min
Delta R.T.: -0.004 min
Response: 78353749
Conc: 491.66 ng/ml



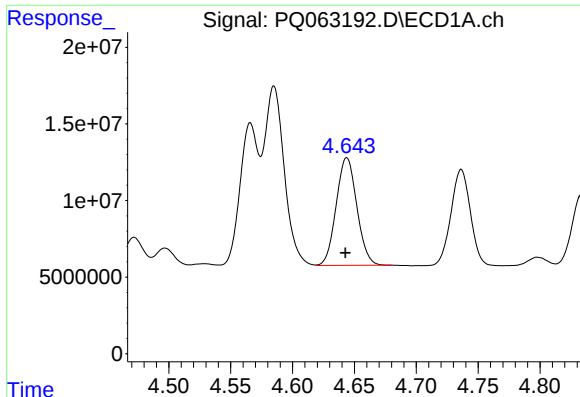
#4 AR-1016-2

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 132717202
Conc: 478.30 ng/ml



#4 AR-1016-2

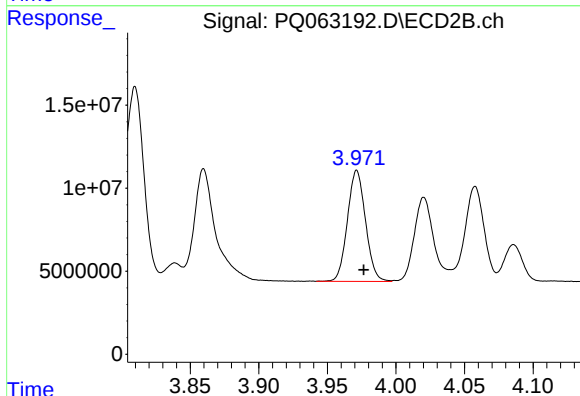
R.T.: 3.810 min
Delta R.T.: -0.005 min
Response: 107170195
Conc: 501.56 ng/ml



#5 AR-1016-3

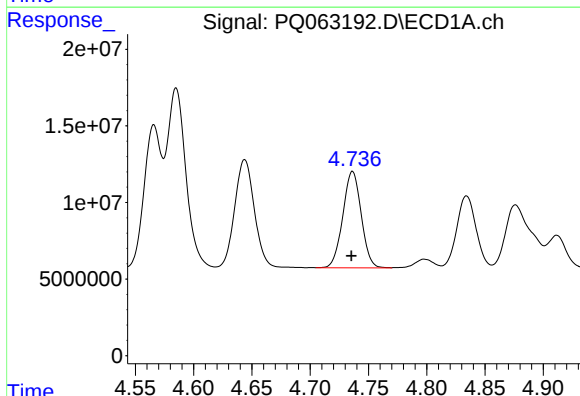
R.T.: 4.644 min
Delta R.T.: 0.001 min
Response: 81670869
Conc: 477.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



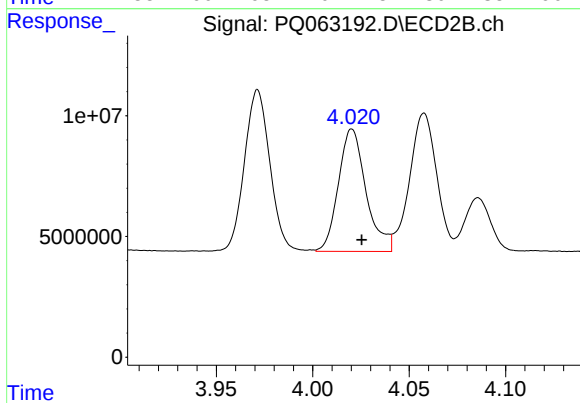
#5 AR-1016-3

R.T.: 3.971 min
Delta R.T.: -0.005 min
Response: 61441681
Conc: 513.91 ng/ml



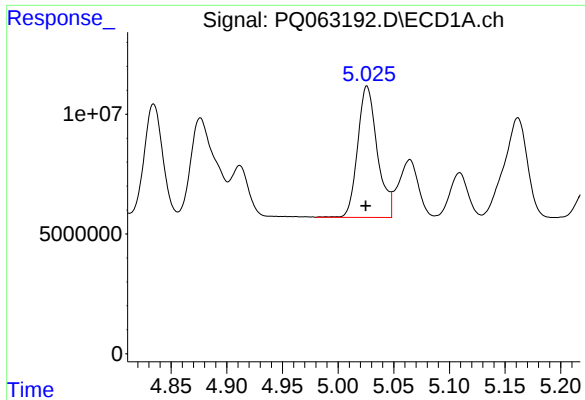
#6 AR-1016-4

R.T.: 4.736 min
Delta R.T.: 0.001 min
Response: 69031006
Conc: 490.52 ng/ml



#6 AR-1016-4

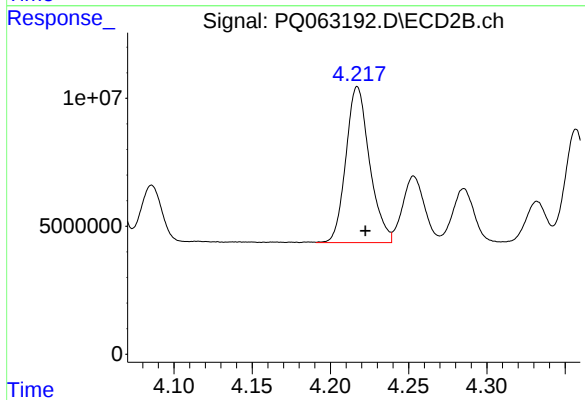
R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 50508123
Conc: 520.56 ng/ml



#7 AR-1016-5

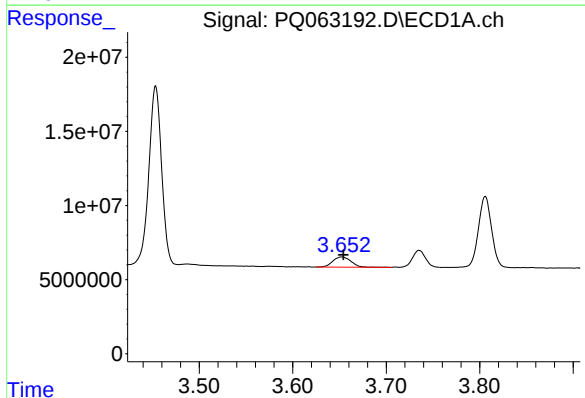
R.T.: 5.026 min
Delta R.T.: 0.001 min
Response: 67403763
Conc: 489.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



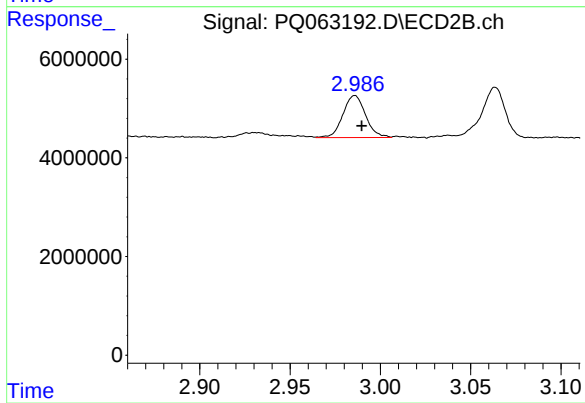
#7 AR-1016-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 64107278
Conc: 509.44 ng/ml



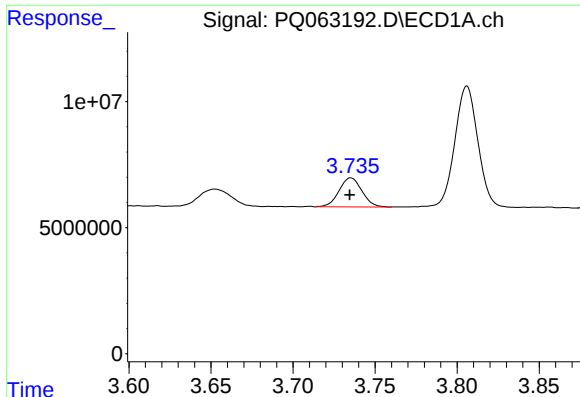
#8 AR-1221-1

R.T.: 3.653 min
Delta R.T.: -0.002 min
Response: 9204246
Conc: 135.26 ng/ml



#8 AR-1221-1

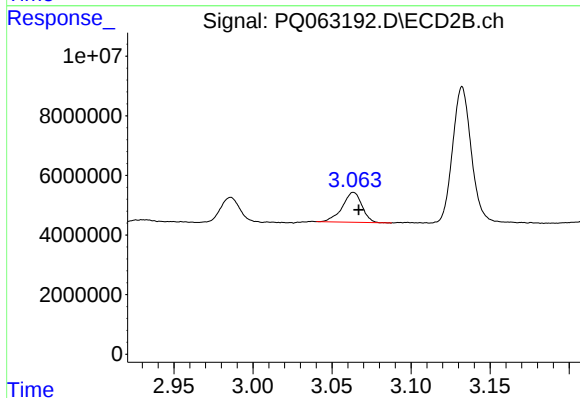
R.T.: 2.986 min
Delta R.T.: -0.004 min
Response: 7428367
Conc: 135.38 ng/ml



#9 AR-1221-2

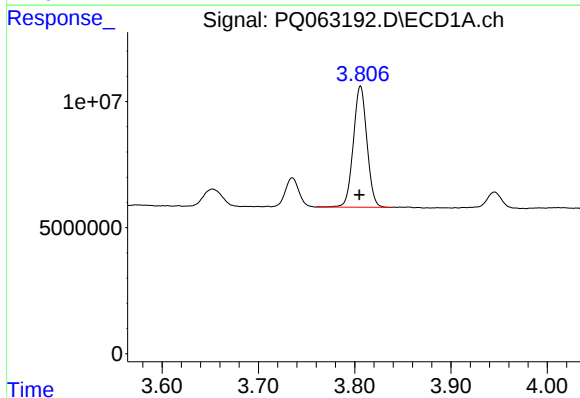
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 11164545
Conc: 234.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



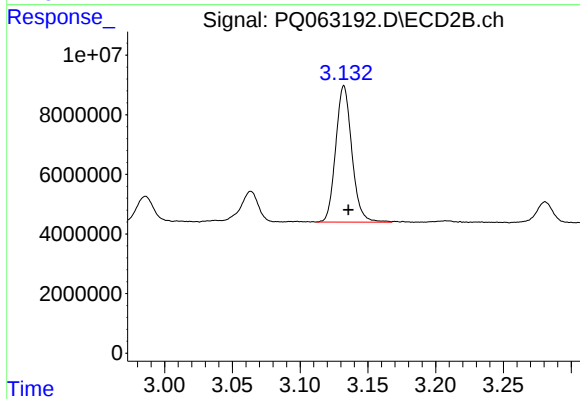
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.003 min
Response: 8737470
Conc: 231.65 ng/ml



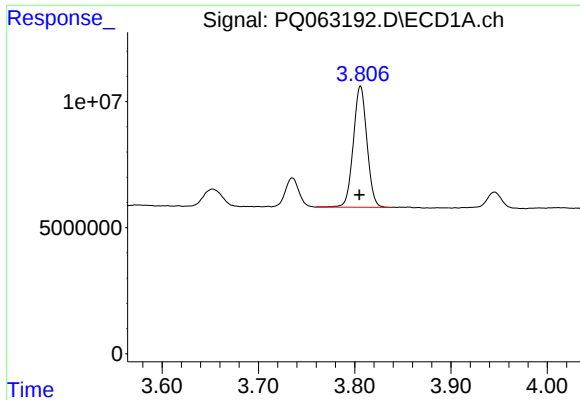
#10 AR-1221-3

R.T.: 3.806 min
Delta R.T.: 0.001 min
Response: 47003658
Conc: 304.57 ng/ml



#10 AR-1221-3

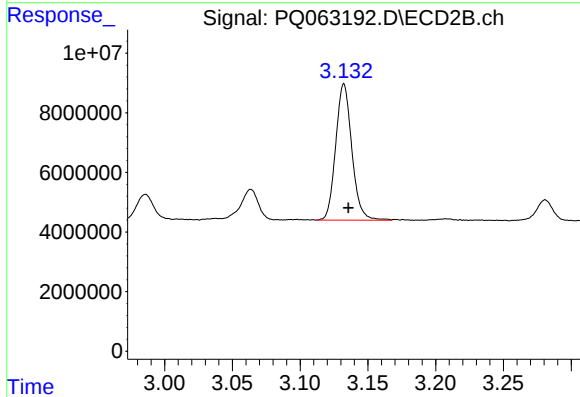
R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 37967804
Conc: 315.55 ng/ml



#11 AR-1232-1

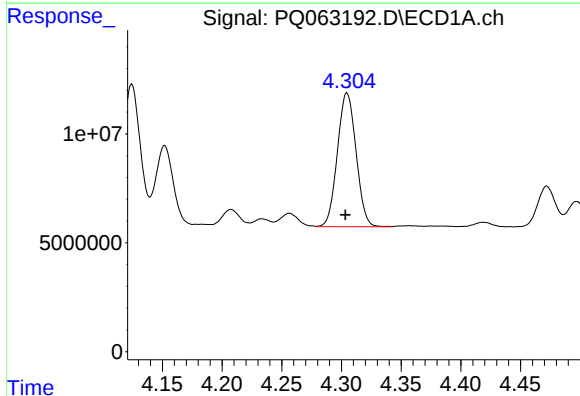
R.T.: 3.806 min
Delta R.T.: 0.001 min
Response: 47003658
Conc: 363.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



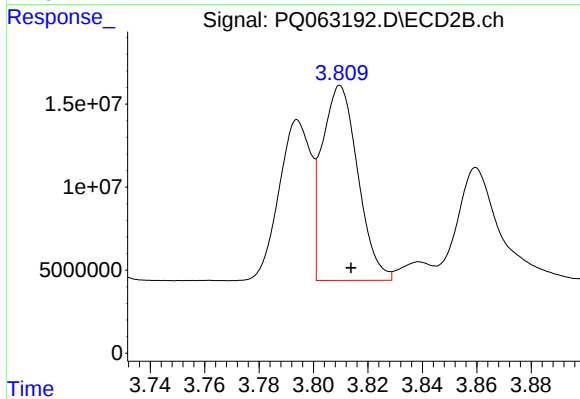
#11 AR-1232-1

R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 37967804
Conc: 389.67 ng/ml



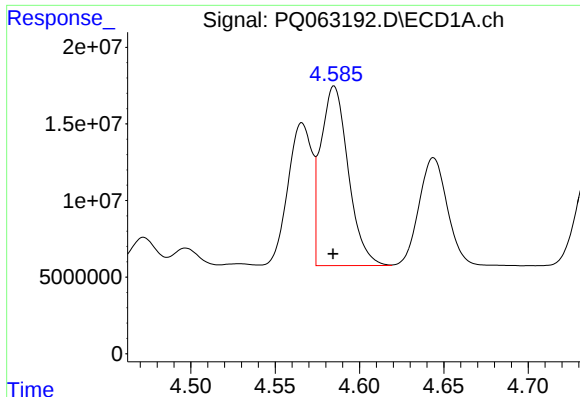
#12 AR-1232-2

R.T.: 4.305 min
Delta R.T.: 0.001 min
Response: 66879158
Conc: 958.92 ng/ml



#12 AR-1232-2

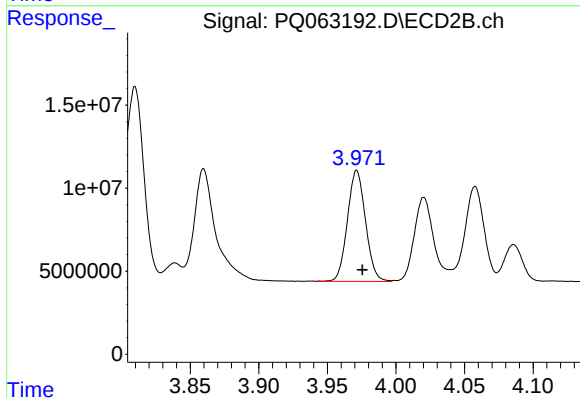
R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 107170195
Conc: 1101.75 ng/ml



#13 AR-1232-3

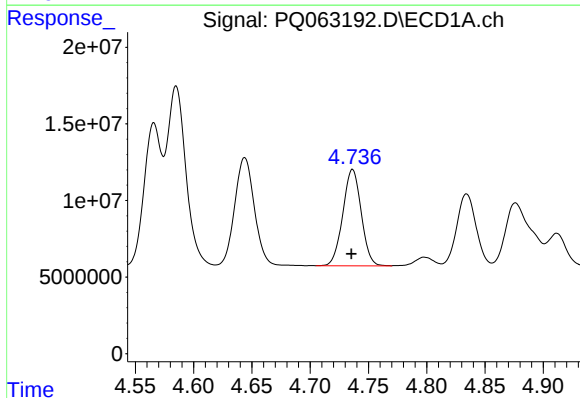
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 132717202
Conc: 1086.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



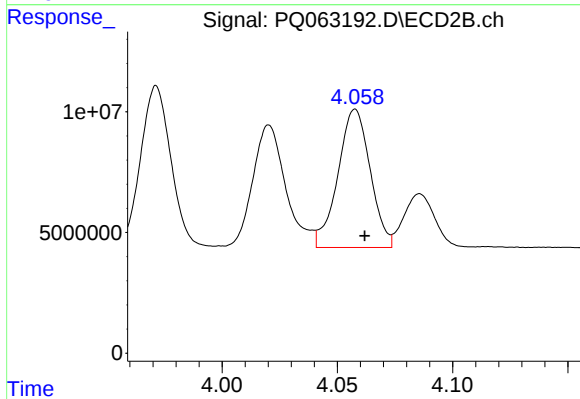
#13 AR-1232-3

R.T.: 3.971 min
Delta R.T.: -0.004 min
Response: 61441681
Conc: 1157.15 ng/ml



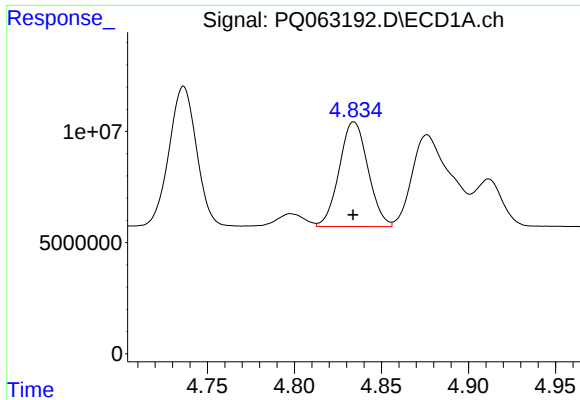
#14 AR-1232-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 69031006
Conc: 1144.05 ng/ml



#14 AR-1232-4

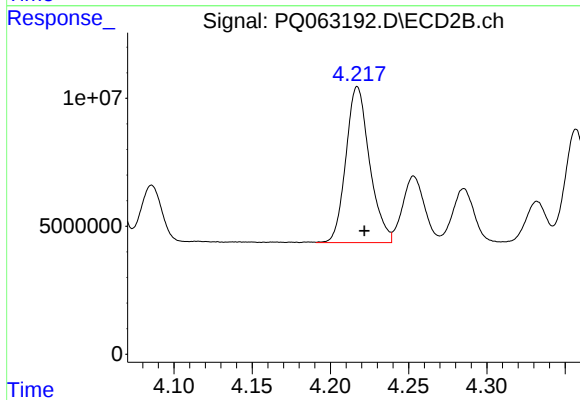
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 55977407
Conc: 1219.60 ng/ml



#15 AR-1232-5

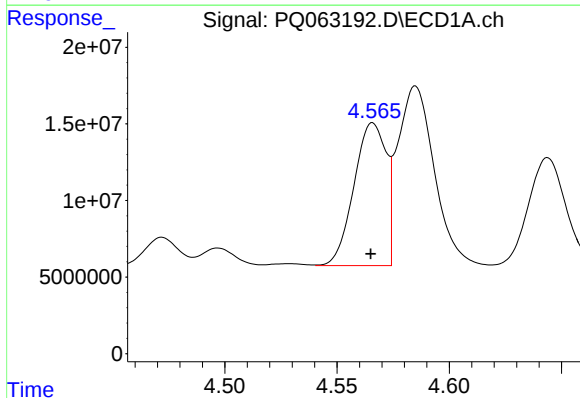
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 54127959
Conc: 1240.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



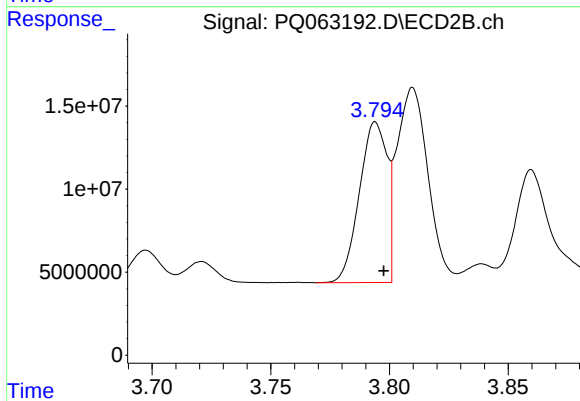
#15 AR-1232-5

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 64107278
Conc: 1182.30 ng/ml



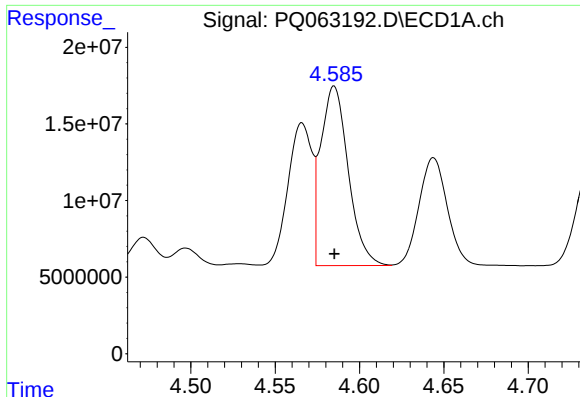
#16 AR-1242-1

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 92713846
Conc: 549.33 ng/ml



#16 AR-1242-1

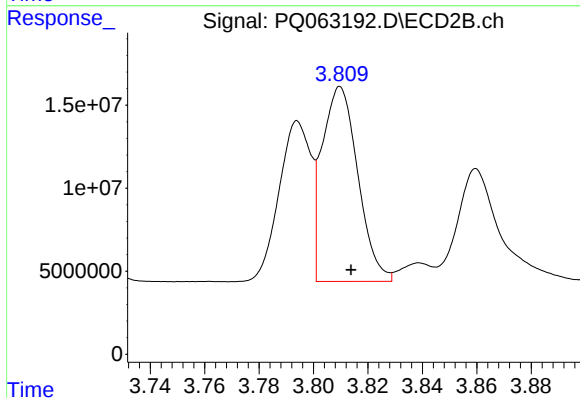
R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 78353749
Conc: 542.55 ng/ml



#17 AR-1242-2

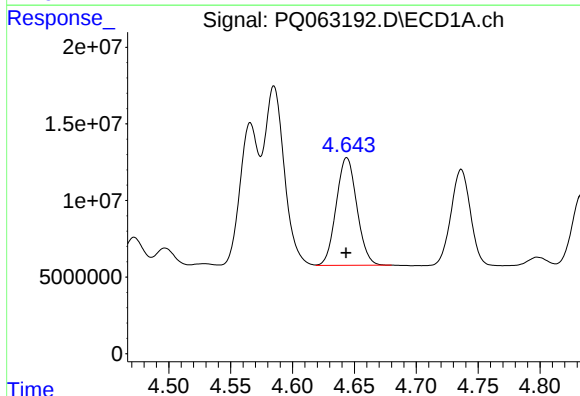
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 132717202
Conc: 550.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



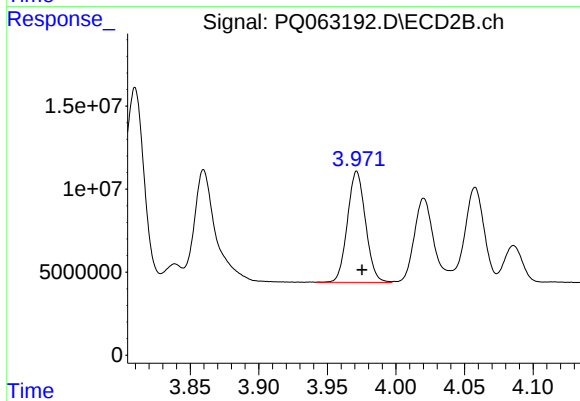
#17 AR-1242-2

R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 107170195
Conc: 564.12 ng/ml



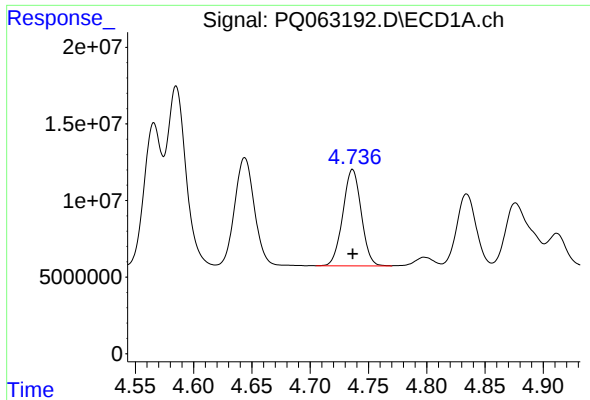
#18 AR-1242-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 81670869
Conc: 557.55 ng/ml



#18 AR-1242-3

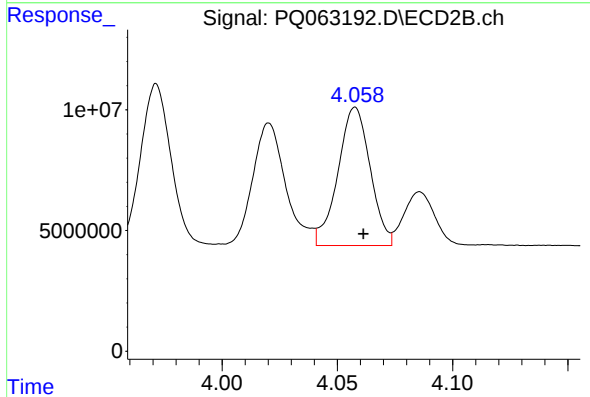
R.T.: 3.971 min
Delta R.T.: -0.004 min
Response: 61441681
Conc: 569.28 ng/ml



#19 AR-1242-4

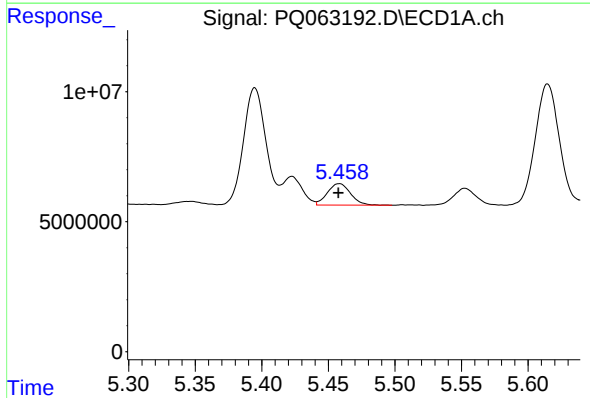
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 69031006
Conc: 557.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



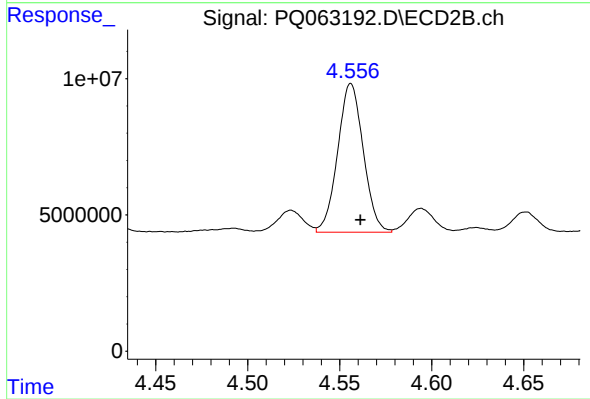
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 55977407
Conc: 561.86 ng/ml



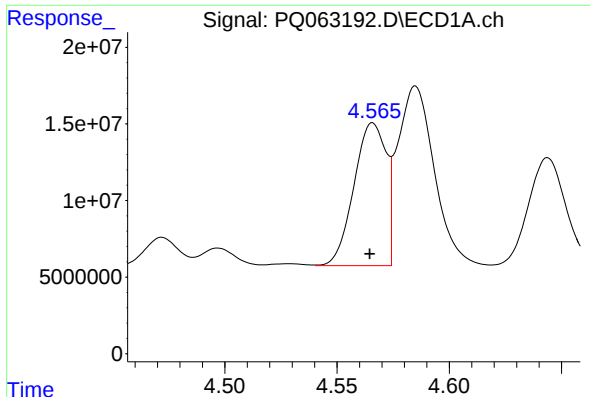
#20 AR-1242-5

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 10008136
Conc: 75.73 ng/ml



#20 AR-1242-5

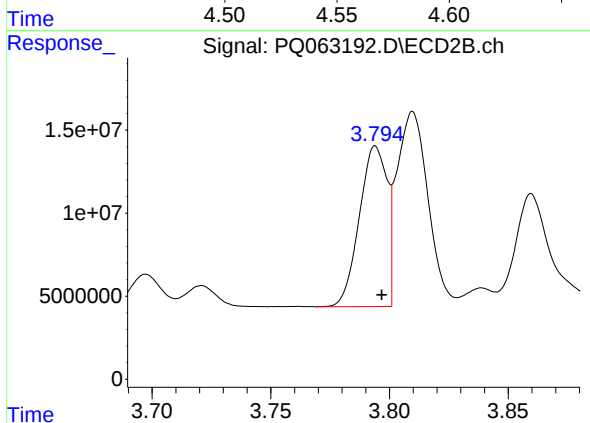
R.T.: 4.556 min
Delta R.T.: -0.005 min
Response: 52867490
Conc: 391.02 ng/ml



#21 AR-1248-1

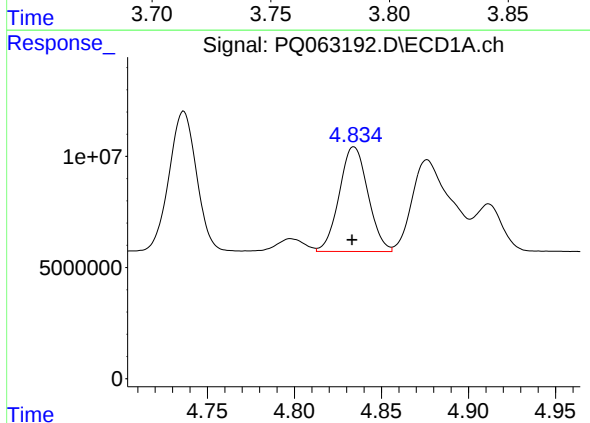
R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 92713846
Conc: 696.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



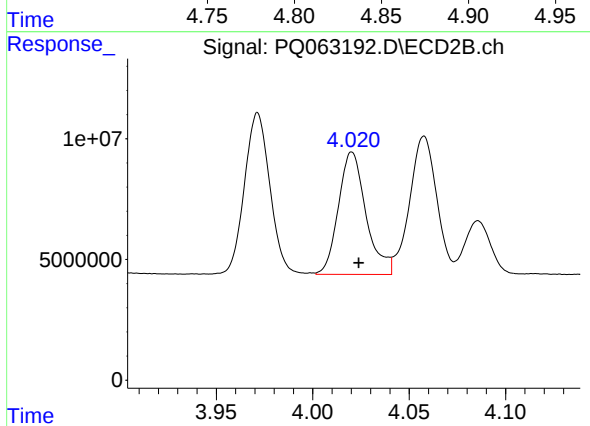
#21 AR-1248-1

R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 78353749
Conc: 701.41 ng/ml



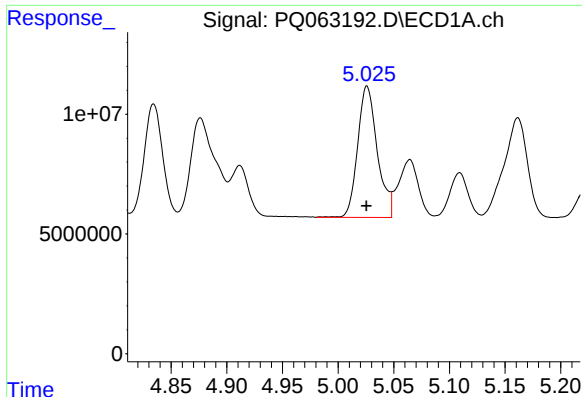
#22 AR-1248-2

R.T.: 4.834 min
Delta R.T.: 0.001 min
Response: 54127959
Conc: 309.74 ng/ml



#22 AR-1248-2

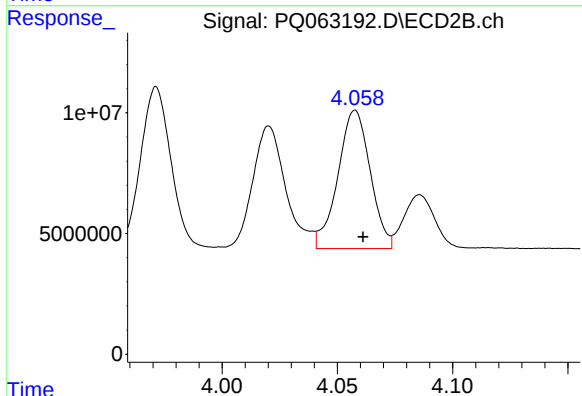
R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 50508123
Conc: 319.84 ng/ml



#23 AR-1248-3

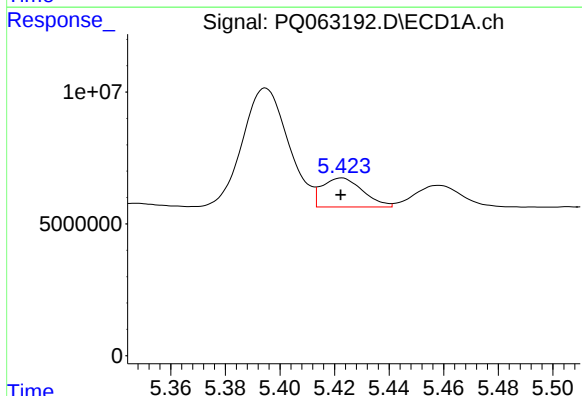
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 67403763
Conc: 318.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



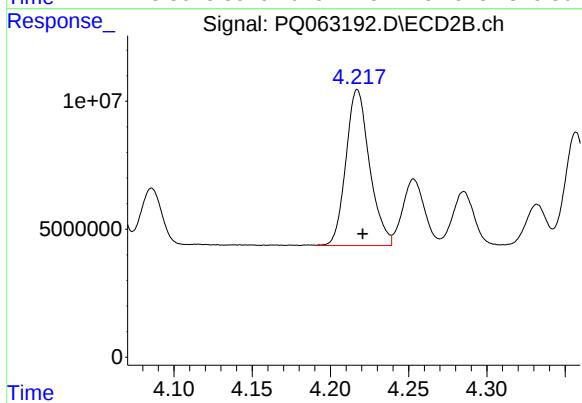
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 55977407
Conc: 367.07 ng/ml



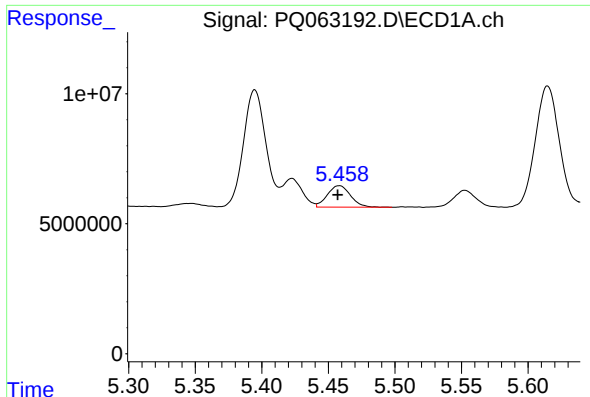
#24 AR-1248-4

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 11426226
Conc: 47.96 ng/ml



#24 AR-1248-4

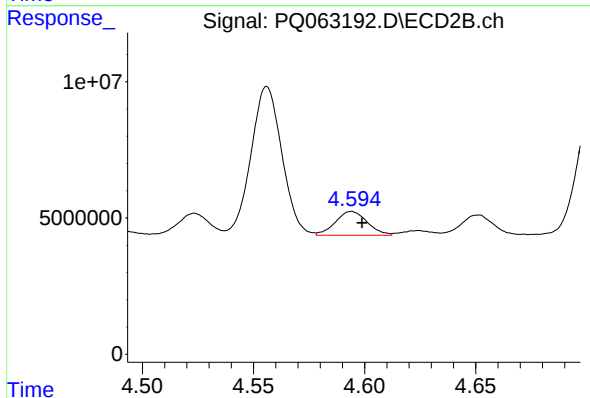
R.T.: 4.217 min
Delta R.T.: -0.003 min
Response: 64107278
Conc: 337.12 ng/ml



#25 AR-1248-5

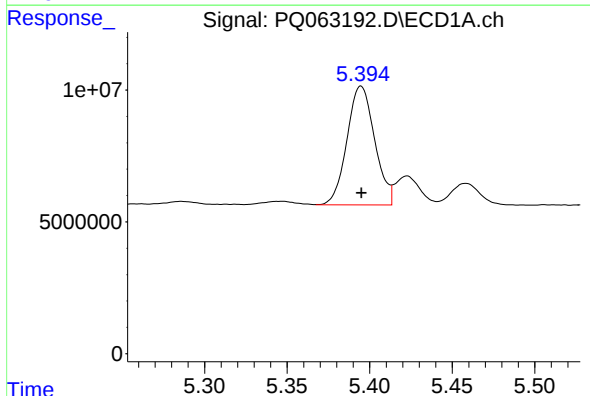
R.T.: 5.458 min
Delta R.T.: 0.001 min
Response: 10008136
Conc: 43.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



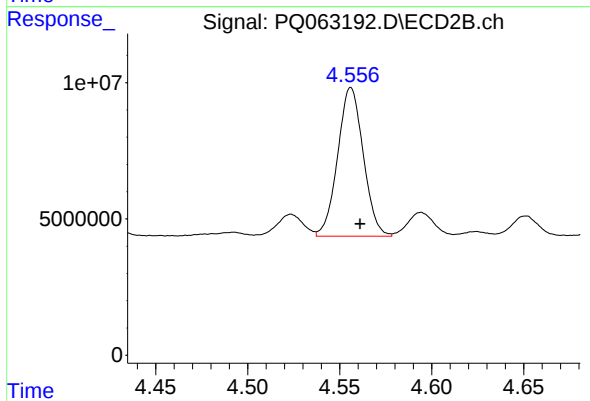
#25 AR-1248-5

R.T.: 4.594 min
Delta R.T.: -0.005 min
Response: 8717766
Conc: 45.07 ng/ml



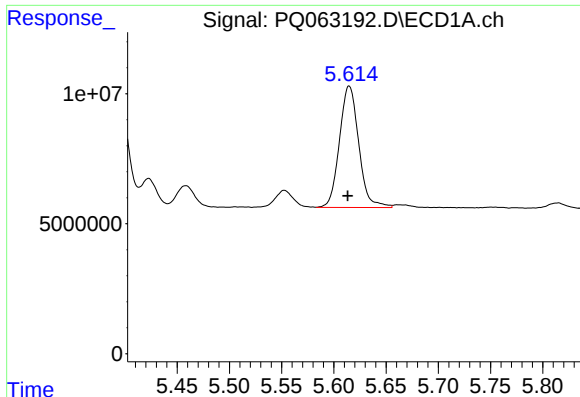
#26 AR-1254-1

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 52520025
Conc: 239.81 ng/ml



#26 AR-1254-1

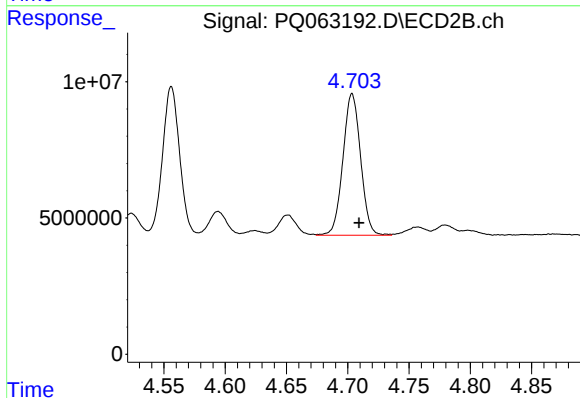
R.T.: 4.556 min
Delta R.T.: -0.005 min
Response: 52867490
Conc: 197.04 ng/ml



#27 AR-1254-2

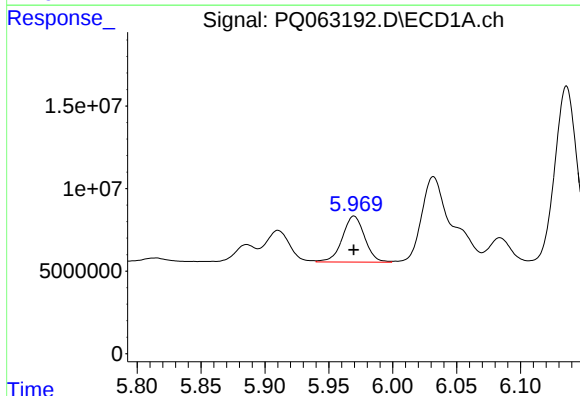
R.T.: 5.615 min
Delta R.T.: 0.001 min
Response: 59962255
Conc: 177.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



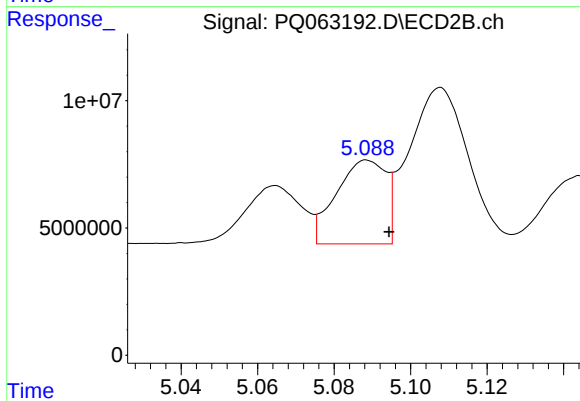
#27 AR-1254-2

R.T.: 4.704 min
Delta R.T.: -0.006 min
Response: 52108930
Conc: 222.01 ng/ml



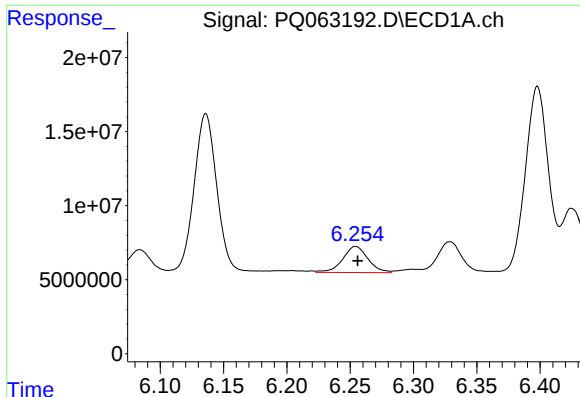
#28 AR-1254-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 33817481
Conc: 94.33 ng/ml



#28 AR-1254-3

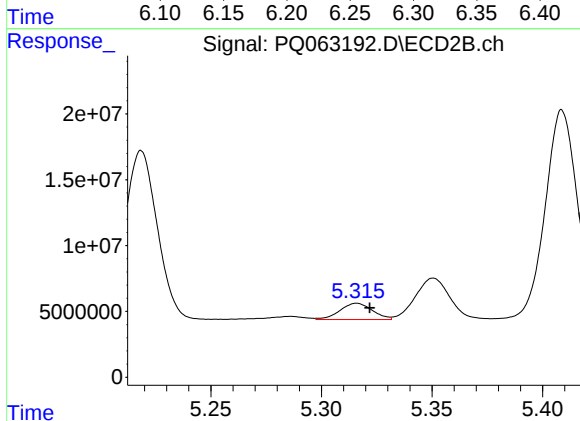
R.T.: 5.089 min
Delta R.T.: -0.006 min
Response: 29693025
Conc: 78.52 ng/ml



#29 AR-1254-4

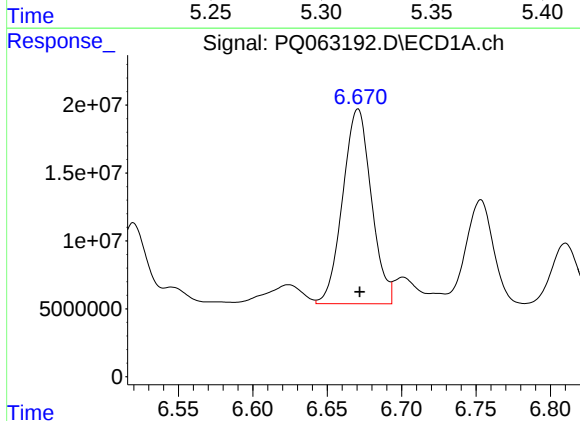
R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 24521135
Conc: 90.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



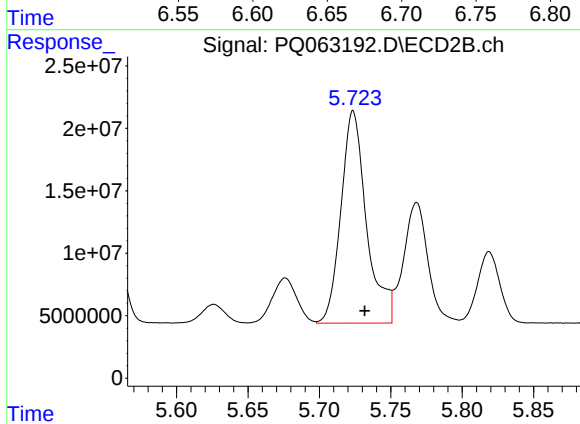
#29 AR-1254-4

R.T.: 5.316 min
Delta R.T.: -0.006 min
Response: 12656936
Conc: 51.81 ng/ml



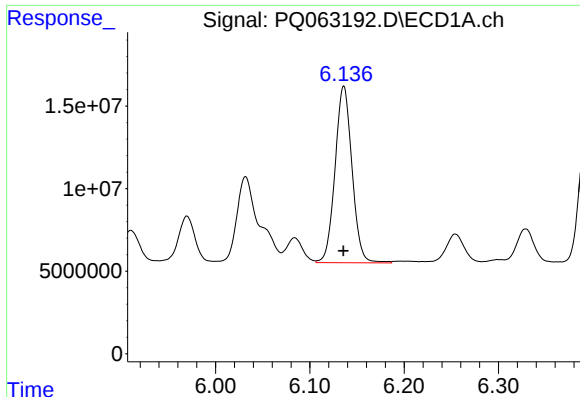
#30 AR-1254-5

R.T.: 6.671 min
Delta R.T.: -0.001 min
Response: 192347171
Conc: 695.82 ng/ml



#30 AR-1254-5

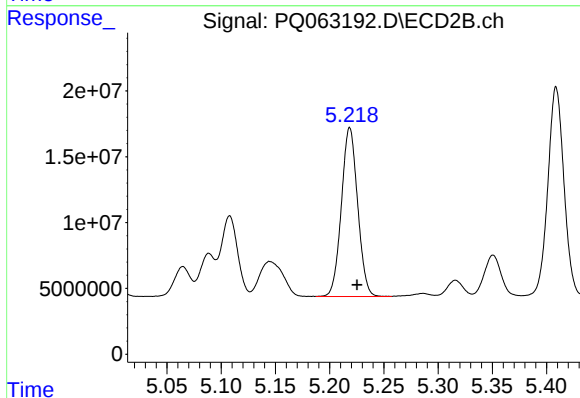
R.T.: 5.724 min
Delta R.T.: -0.008 min
Response: 212040434
Conc: 614.37 ng/ml



#31 AR-1260-1

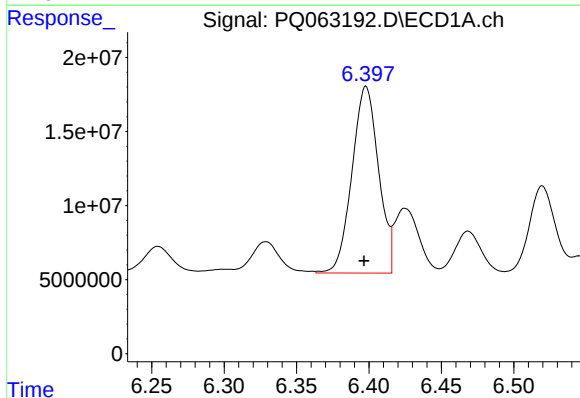
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 133857645
Conc: 523.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



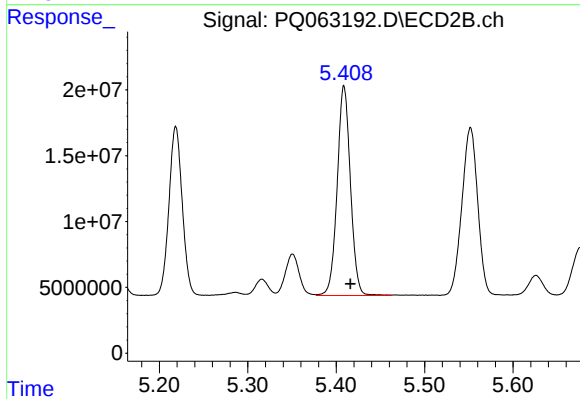
#31 AR-1260-1

R.T.: 5.219 min
Delta R.T.: -0.007 min
Response: 134143970
Conc: 537.48 ng/ml



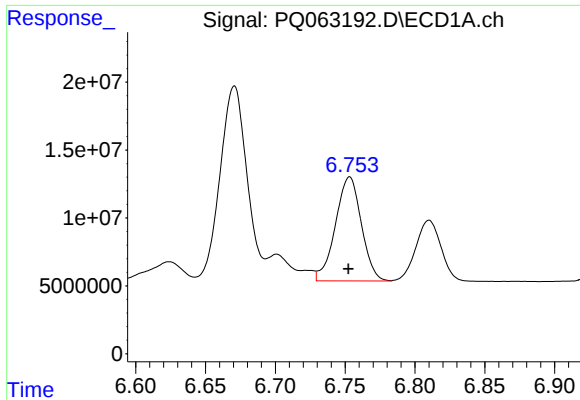
#32 AR-1260-2

R.T.: 6.398 min
Delta R.T.: 0.001 min
Response: 160774232
Conc: 529.71 ng/ml



#32 AR-1260-2

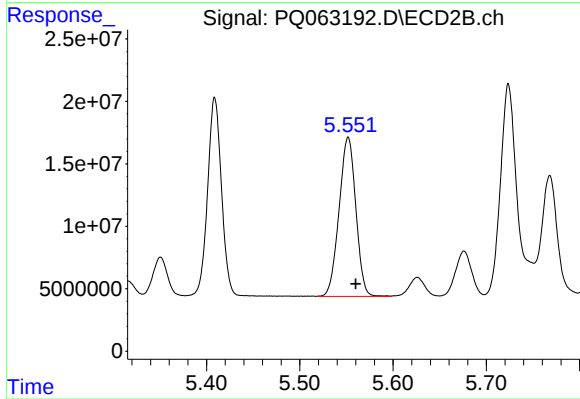
R.T.: 5.409 min
Delta R.T.: -0.007 min
Response: 165795385
Conc: 538.34 ng/ml



#33 AR-1260-3

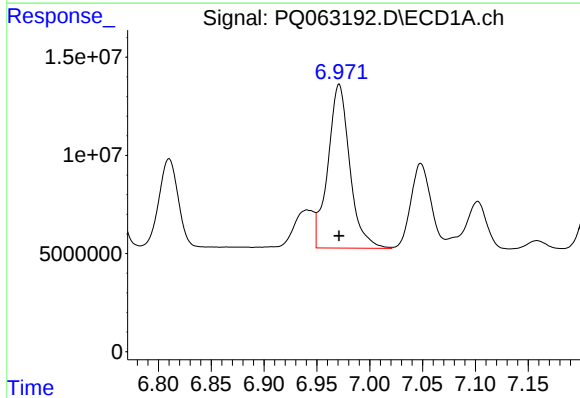
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 99263574
Conc: 470.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



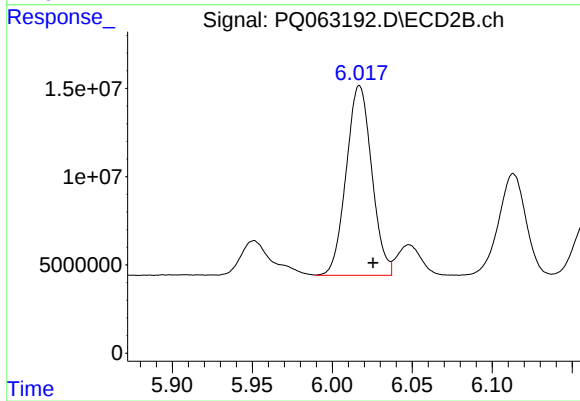
#33 AR-1260-3

R.T.: 5.552 min
Delta R.T.: -0.008 min
Response: 158965808
Conc: 513.01 ng/ml



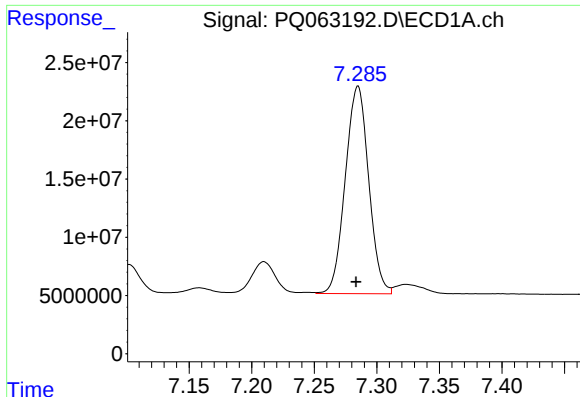
#34 AR-1260-4

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 119987314
Conc: 500.67 ng/ml



#34 AR-1260-4

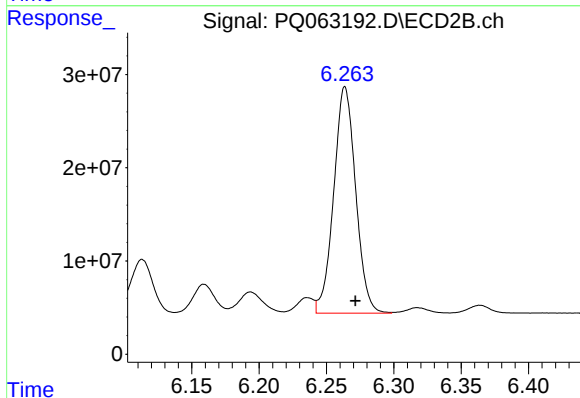
R.T.: 6.017 min
Delta R.T.: -0.008 min
Response: 119527694
Conc: 487.44 ng/ml



#35 AR-1260-5

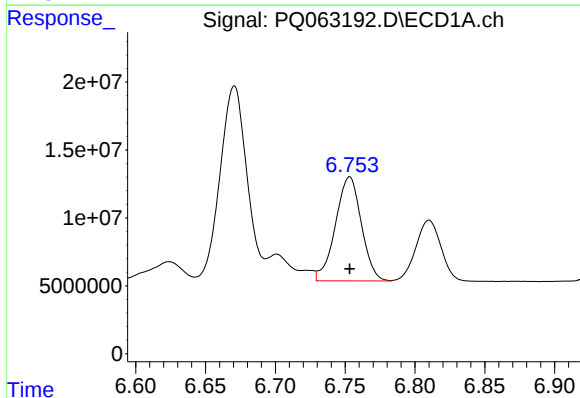
R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 231964822
Conc: 494.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



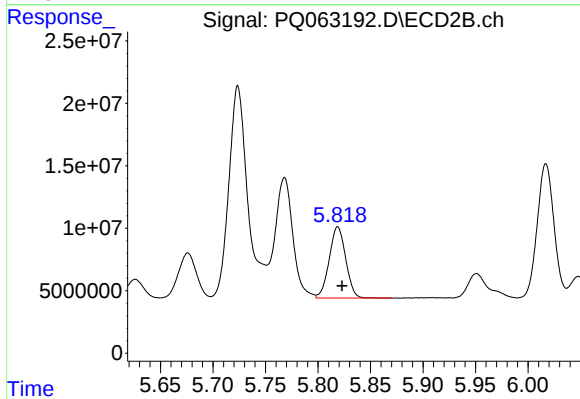
#35 AR-1260-5

R.T.: 6.264 min
Delta R.T.: -0.008 min
Response: 275397884
Conc: 503.91 ng/ml



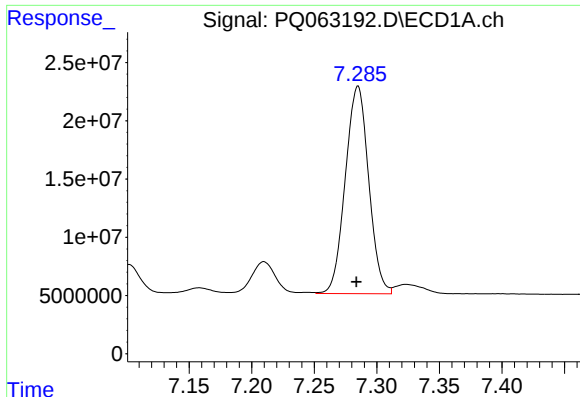
#36 AR-1262-1

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 99263574
Conc: 307.37 ng/ml



#36 AR-1262-1

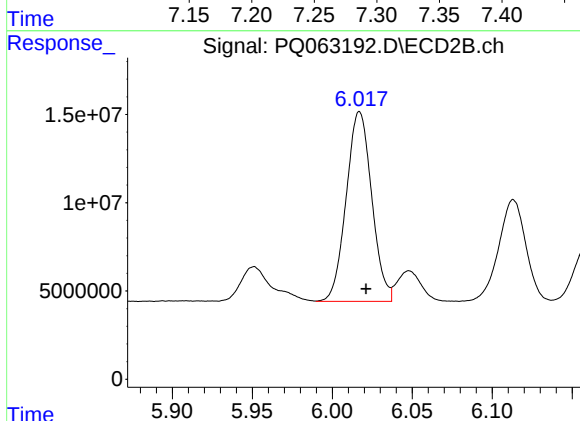
R.T.: 5.819 min
Delta R.T.: -0.004 min
Response: 62221718
Conc: 435.77 ng/ml



#37 AR-1262-2

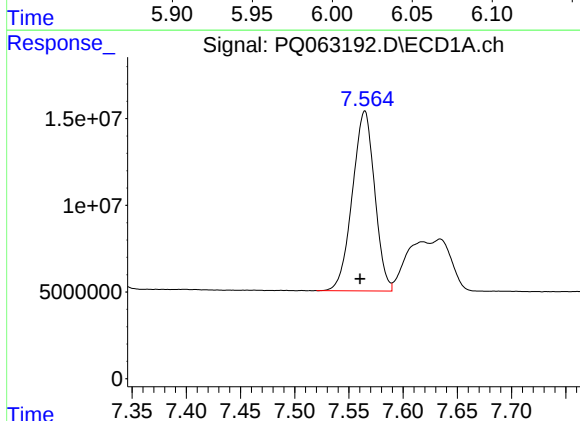
R.T.: 7.285 min
Delta R.T.: 0.001 min
Response: 231964822
Conc: 427.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



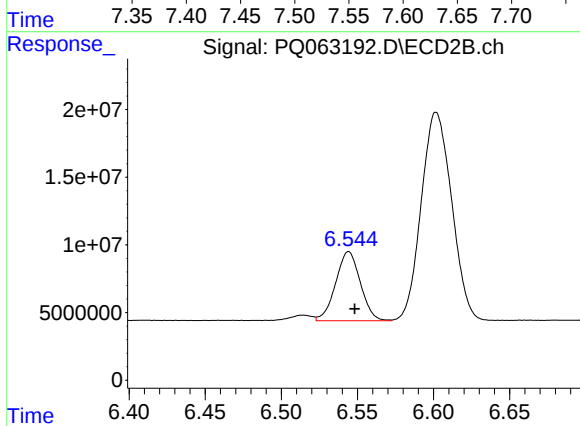
#37 AR-1262-2

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 119527694
Conc: 382.49 ng/ml



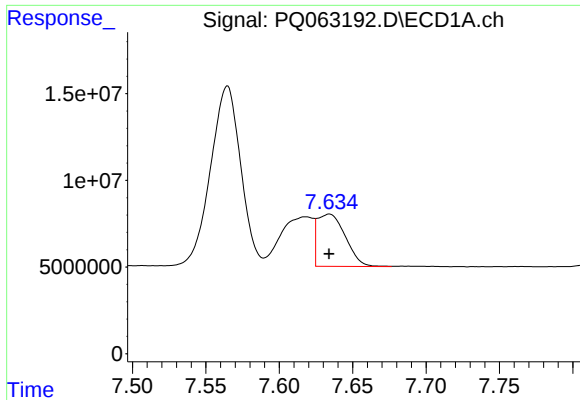
#38 AR-1262-3

R.T.: 7.565 min
Delta R.T.: 0.004 min
Response: 148423278
Conc: 410.90 ng/ml



#38 AR-1262-3

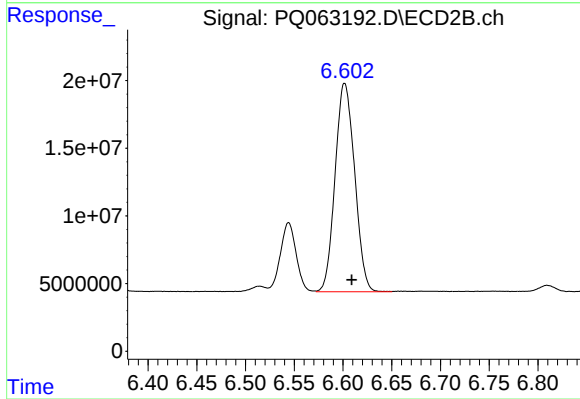
R.T.: 6.544 min
Delta R.T.: -0.004 min
Response: 57667629
Conc: 228.76 ng/ml



#39 AR-1262-4

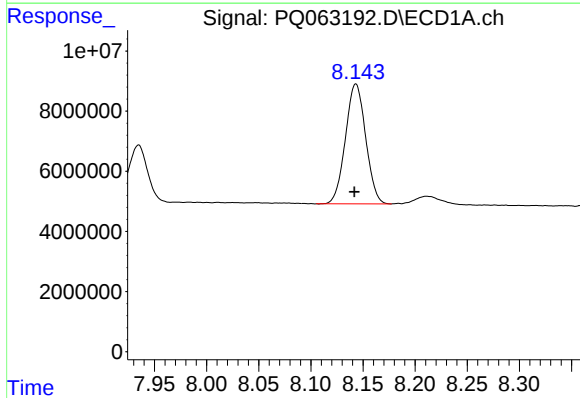
R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 39891614
Conc: 142.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



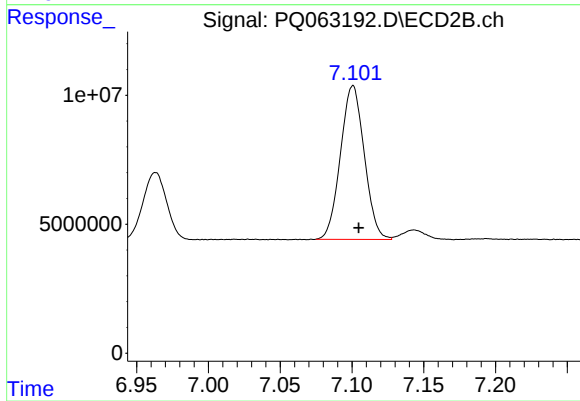
#39 AR-1262-4

R.T.: 6.602 min
Delta R.T.: -0.007 min
Response: 215065874
Conc: 460.03 ng/ml



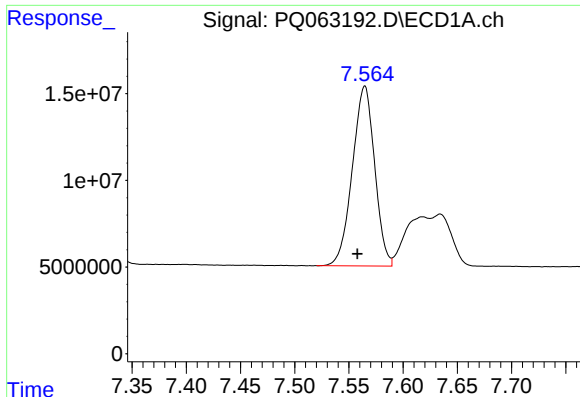
#40 AR-1262-5

R.T.: 8.143 min
Delta R.T.: 0.001 min
Response: 53967205
Conc: 287.13 ng/ml



#40 AR-1262-5

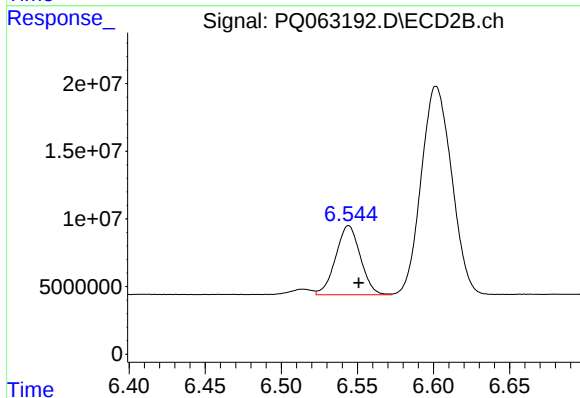
R.T.: 7.101 min
Delta R.T.: -0.004 min
Response: 69039923
Conc: 314.20 ng/ml



#41 AR-1268-1

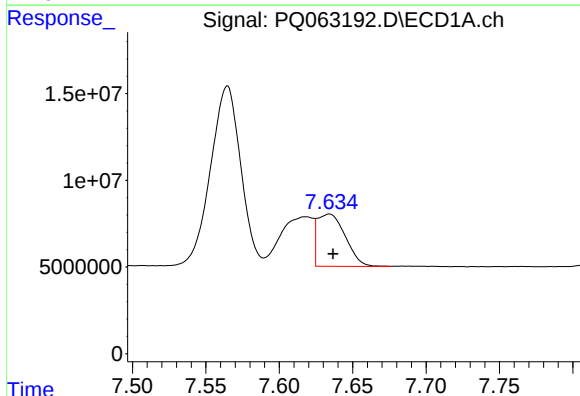
R.T.: 7.565 min
Delta R.T.: 0.007 min
Response: 148423278
Conc: 229.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



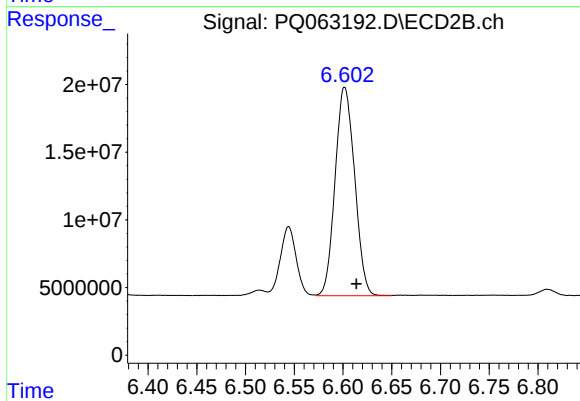
#41 AR-1268-1

R.T.: 6.544 min
Delta R.T.: -0.007 min
Response: 57667629
Conc: 77.27 ng/ml



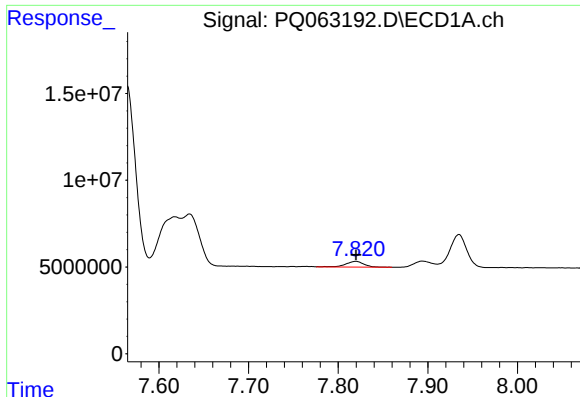
#42 AR-1268-2

R.T.: 7.634 min
Delta R.T.: -0.003 min
Response: 39891614
Conc: 66.52 ng/ml



#42 AR-1268-2

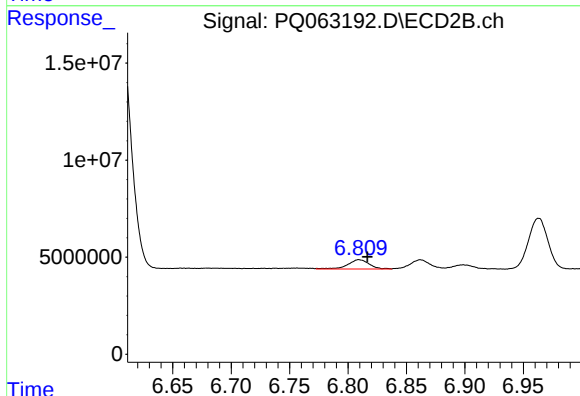
R.T.: 6.602 min
Delta R.T.: -0.012 min
Response: 215065874
Conc: 313.22 ng/ml



#43 AR-1268-3

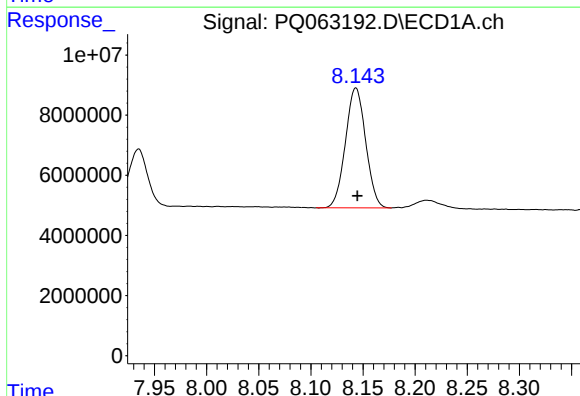
R.T.: 7.820 min
Delta R.T.: 0.000 min
Response: 4941007
Conc: 10.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



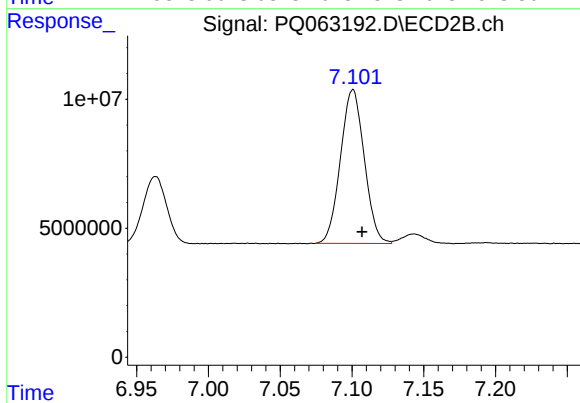
#43 AR-1268-3

R.T.: 6.809 min
Delta R.T.: -0.007 min
Response: 6175196
Conc: 10.52 ng/ml



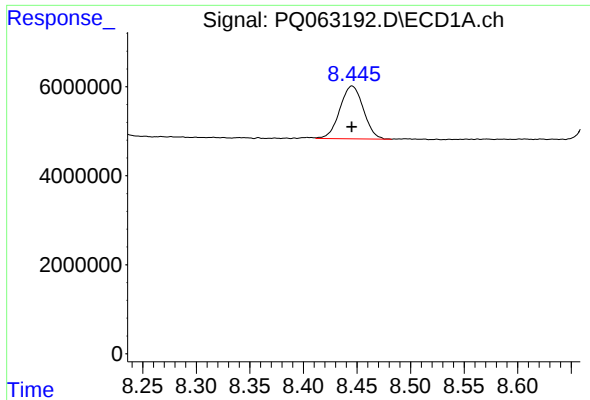
#44 AR-1268-4

R.T.: 8.143 min
Delta R.T.: -0.002 min
Response: 53967205
Conc: 251.55 ng/ml



#44 AR-1268-4

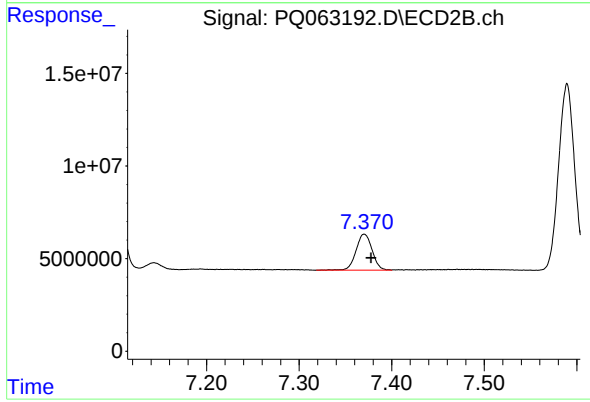
R.T.: 7.101 min
Delta R.T.: -0.006 min
Response: 69039923
Conc: 271.13 ng/ml



#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 18175081
Conc: 11.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.370 min
Delta R.T.: -0.007 min
Response: 23444364
Conc: 13.23 ng/ml