

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081123\
 Data File : PQ063040.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 21:21
 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: Aug 11 23:26:45 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...	3.454	2.784	264.6E6	182.3E6	49.238	44.191
2)	SA Decachlor...	8.686	7.592	209.6E6	201.6E6	54.146	46.618
Target Compounds							
3)	L1 AR-1016-1	4.565	3.796	98104642	71735373	504.203	450.129
4)	L1 AR-1016-2	4.585	3.812	138.4E6	97550033	498.907	456.539
5)	L1 AR-1016-3	4.643	3.974	87452909	55773857	511.410	466.505
6)	L1 AR-1016-4	4.736	4.022	71988631	45943741	511.540	473.518
7)	L1 AR-1016-5	5.025	4.219	72763600	59409366	528.830	472.104
8)	L2 AR-1221-1	3.652	2.987	11307985	9015281	166.181	164.296
9)	L2 AR-1221-2	3.735	3.066	13406798	10030492	280.999	265.928
10)	L2 AR-1221-3	3.806	3.134	53663541	38376801	347.721	318.945
11)	L3 AR-1232-1	3.806	3.134	53663541	38376801	415.349	393.869
12)	L3 AR-1232-2	4.305	3.812	73830756	97550033	1058.595	1002.849
13)	L3 AR-1232-3	4.585	3.974	138.4E6	55773857	1132.933	1050.411
14)	L3 AR-1232-4	4.736	4.059	71988631	50796163	1193.070	1106.714
15)	L3 AR-1232-5	4.834	4.219	56375209	59409366	1291.633	1095.655
16)	L4 AR-1242-1	4.565	3.796	98104642	71735373	581.266	496.721
17)	L4 AR-1242-2	4.585	3.812	138.4E6	97550033	574.036	513.480
18)	L4 AR-1242-3	4.643	3.974	87452909	55773857	597.024	516.763
19)	L4 AR-1242-4	4.736	4.059	71988631	50796163	581.782	509.853
20)	L4 AR-1242-5	5.459	4.559	17818164	59859779	134.825	442.733 #
21)	L5 AR-1248-1	4.565	3.796	98104642	71735373	736.796	642.167
22)	L5 AR-1248-2	4.834	4.022	56375209	45943741	322.599	290.938
23)	L5 AR-1248-3	5.025	4.059	72763600	50796163	344.081	333.090
24)	L5 AR-1248-4	5.422	4.219	25493981	59409366	107.000	312.415 #
25)	L5 AR-1248-5	5.459	4.597	17818164	19361754	76.676	100.108 #
26)	L6 AR-1254-1	5.394	4.559	66781790	59859779	304.933	223.098 #
27)	L6 AR-1254-2	5.615	4.706	57713417	46945509	170.424	200.011
28)	L6 AR-1254-3	5.970	5.092	33331369	21019664	92.970	55.583 #
29)	L6 AR-1254-4	6.255	5.319	29385377	10057186	108.457	41.167 #
30)	L6 AR-1254-5	6.670	5.727	187.3E6	170.8E6	677.644	494.761 #
31)	L7 AR-1260-1	6.136	5.221	149.5E6	128.5E6	584.800	514.808
32)	L7 AR-1260-2	6.398	5.411	174.3E6	153.7E6	574.145	499.199
33)	L7 AR-1260-3	6.753	5.554	119.3E6	143.1E6	565.721	461.673
34)	L7 AR-1260-4	6.972	6.019	132.1E6	116.4E6	551.373	474.686
35)	L7 AR-1260-5	7.284	6.267	260.0E6	256.5E6	554.295	469.383
36)	L8 AR-1262-1	6.753	5.821	119.3E6	60958963	369.274	426.929
37)	L8 AR-1262-2	7.284	6.019	260.0E6	116.4E6	479.197	372.483
38)	L8 AR-1262-3	7.563	6.547	164.6E6	63008938	455.588	249.947 #
39)	L8 AR-1262-4	7.634	6.605	103.2E6	190.4E6	368.185	407.290
40)	L8 AR-1262-5	8.144	7.104	69785405	70649466	371.285	321.527
41)	L9 AR-1268-1	7.563	6.547	164.6E6	63008938	254.463	84.430 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081123\
 Data File : PQ063040.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 21:21
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

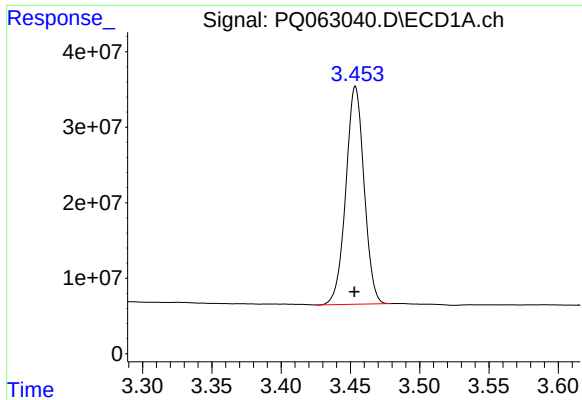
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:26:45 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
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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	6.605	103.2E6	190.4E6	172.089	277.310 #
43) L9	AR-1268-3	7.819	6.812	4210634	4069465	8.552	6.933
44) L9	AR-1268-4	8.144	7.104	69785405	70649466	325.283	277.451
45) L9	AR-1268-5	8.445	7.373	18733537	20531913	12.156	11.590

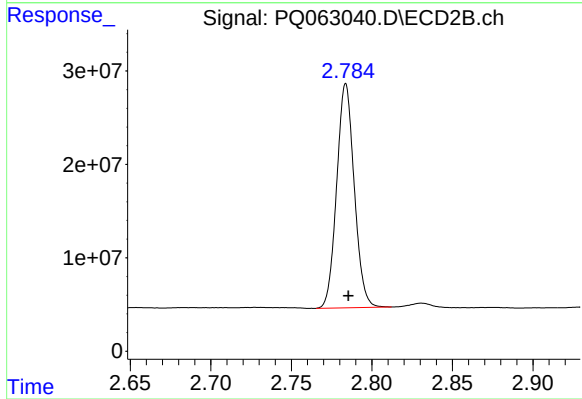
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

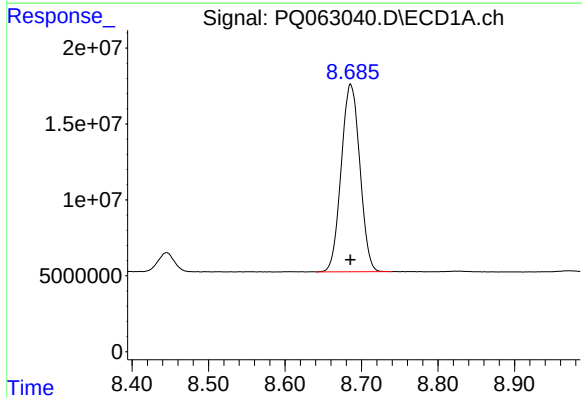
R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 264575421
Conc: 49.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



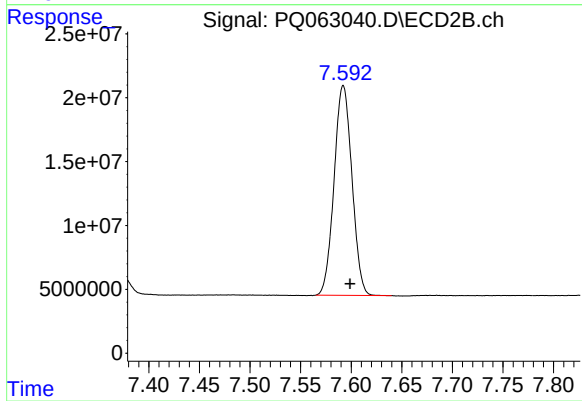
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.002 min
Response: 182255256
Conc: 44.19 ng/ml



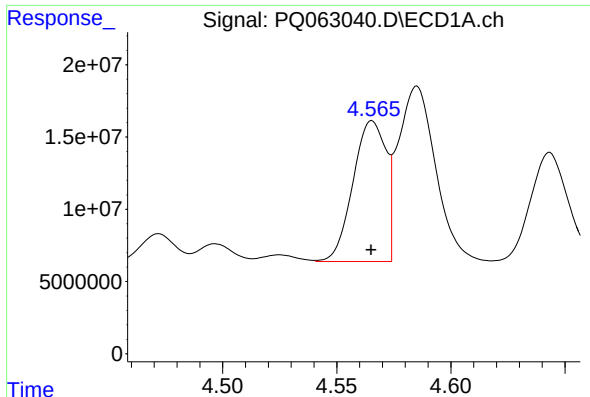
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 209643134
Conc: 54.15 ng/ml



#2 Decachlorobiphenyl

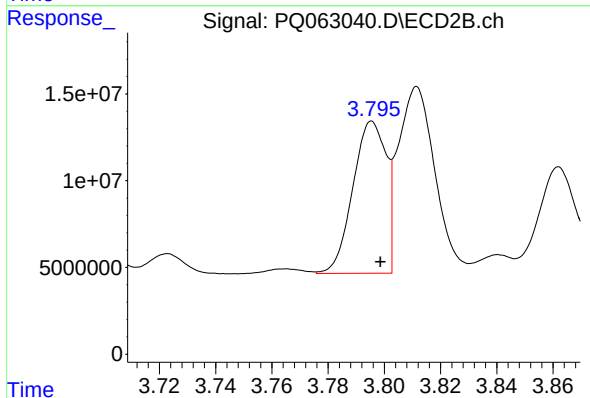
R.T.: 7.592 min
Delta R.T.: -0.007 min
Response: 201639844
Conc: 46.62 ng/ml



#3 AR-1016-1

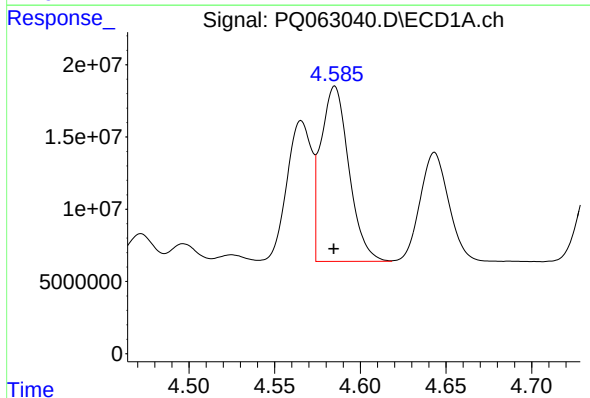
R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 98104642
Conc: 504.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



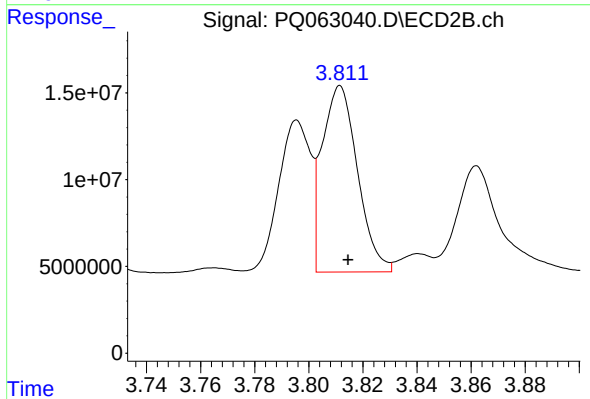
#3 AR-1016-1

R.T.: 3.796 min
Delta R.T.: -0.003 min
Response: 71735373
Conc: 450.13 ng/ml



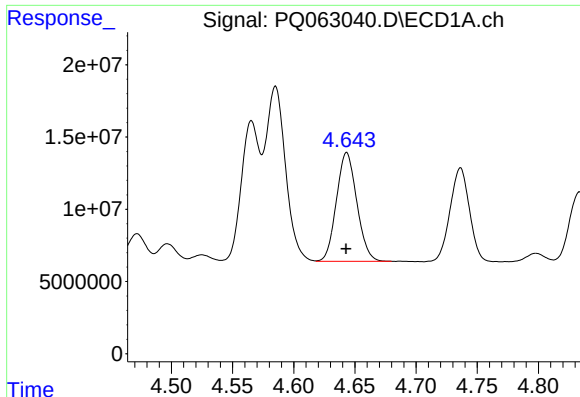
#4 AR-1016-2

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 138435006
Conc: 498.91 ng/ml



#4 AR-1016-2

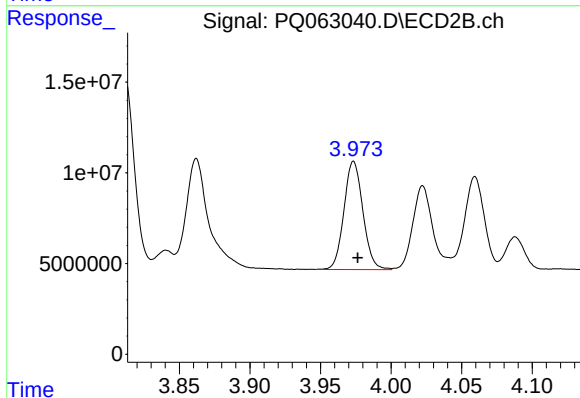
R.T.: 3.812 min
Delta R.T.: -0.003 min
Response: 97550033
Conc: 456.54 ng/ml



#5 AR-1016-3

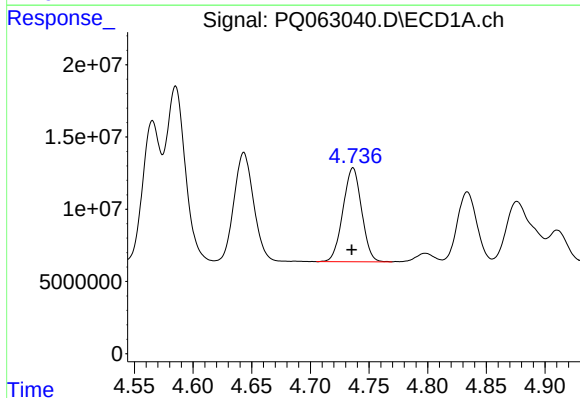
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 87452909
Conc: 511.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



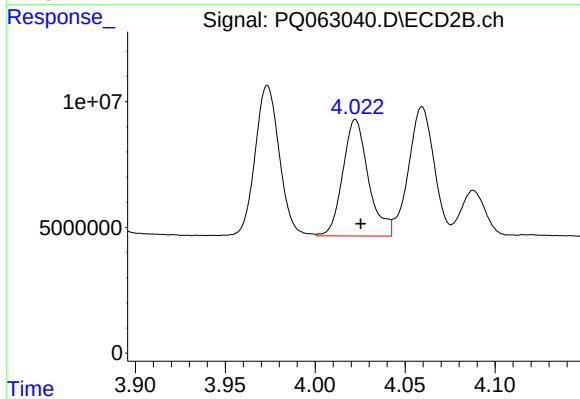
#5 AR-1016-3

R.T.: 3.974 min
Delta R.T.: -0.003 min
Response: 55773857
Conc: 466.50 ng/ml



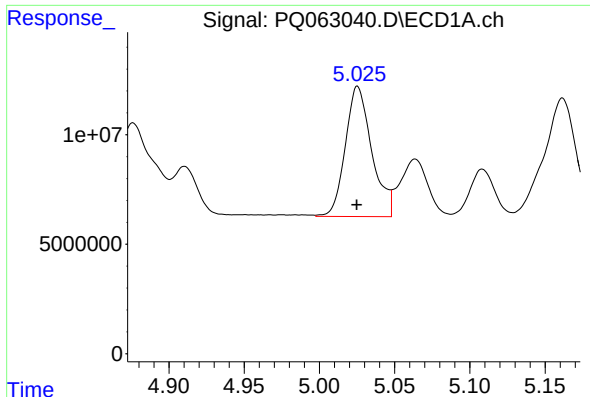
#6 AR-1016-4

R.T.: 4.736 min
Delta R.T.: 0.001 min
Response: 71988631
Conc: 511.54 ng/ml



#6 AR-1016-4

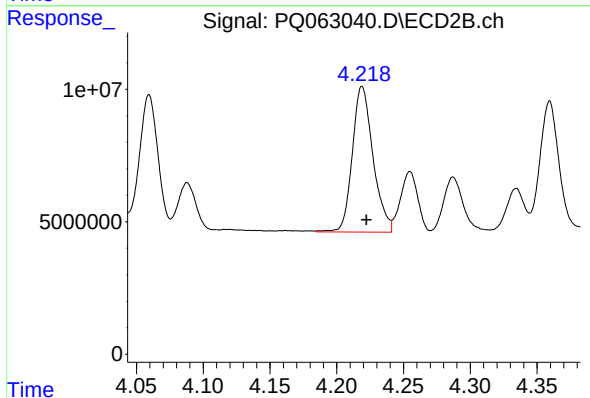
R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 45943741
Conc: 473.52 ng/ml



#7 AR-1016-5

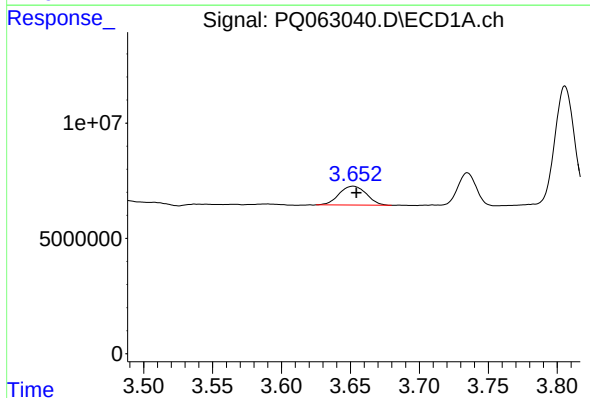
R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 72763600
Conc: 528.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



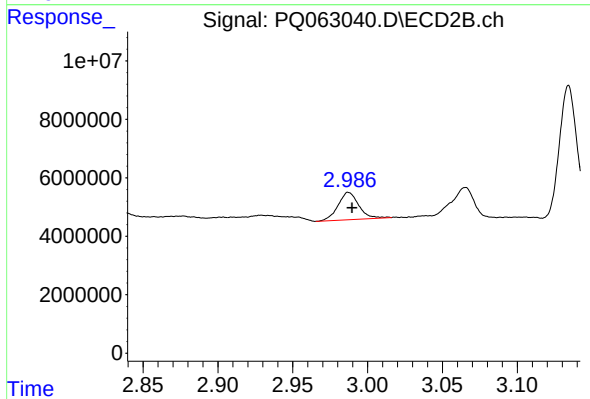
#7 AR-1016-5

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 59409366
Conc: 472.10 ng/ml



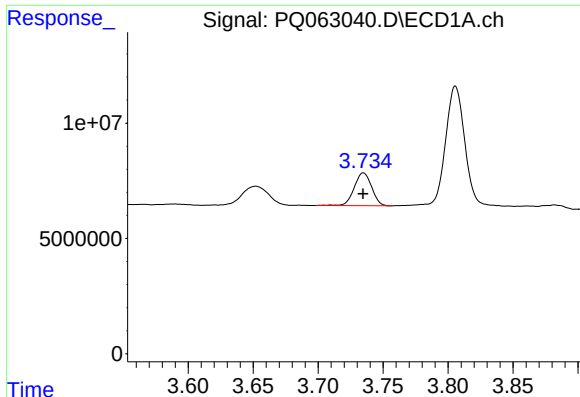
#8 AR-1221-1

R.T.: 3.652 min
Delta R.T.: -0.002 min
Response: 11307985
Conc: 166.18 ng/ml



#8 AR-1221-1

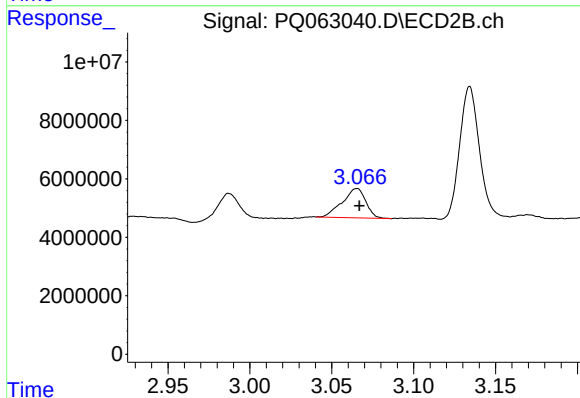
R.T.: 2.987 min
Delta R.T.: -0.002 min
Response: 9015281
Conc: 164.30 ng/ml



#9 AR-1221-2

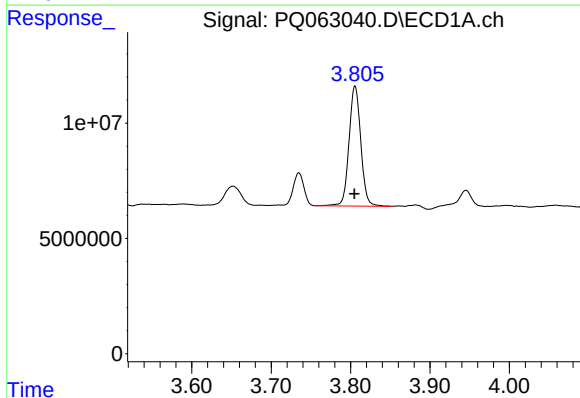
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 13406798
Conc: 281.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



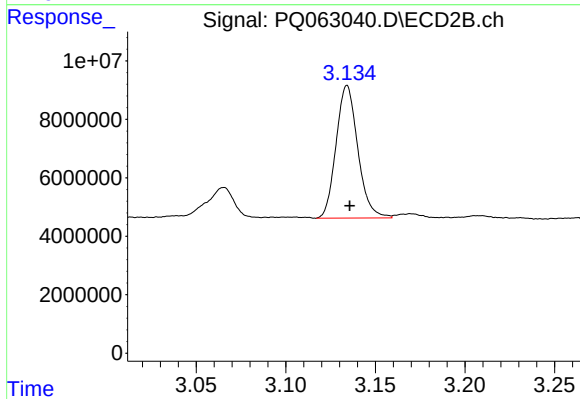
#9 AR-1221-2

R.T.: 3.066 min
Delta R.T.: -0.001 min
Response: 10030492
Conc: 265.93 ng/ml



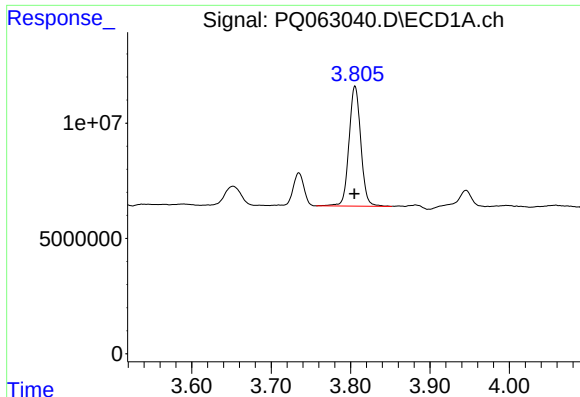
#10 AR-1221-3

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 53663541
Conc: 347.72 ng/ml



#10 AR-1221-3

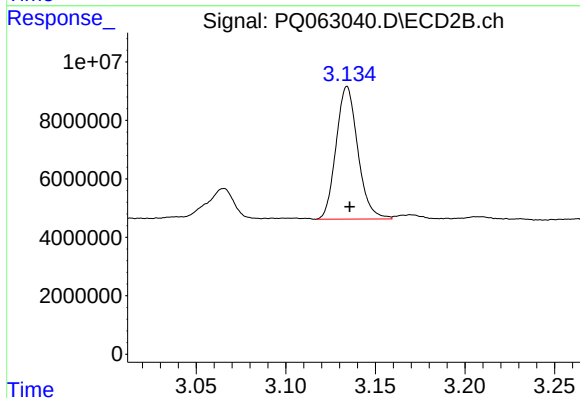
R.T.: 3.134 min
Delta R.T.: -0.001 min
Response: 38376801
Conc: 318.95 ng/ml



#11 AR-1232-1

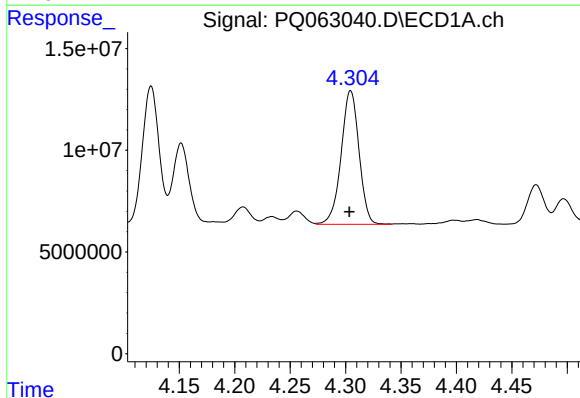
R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 53663541
Conc: 415.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



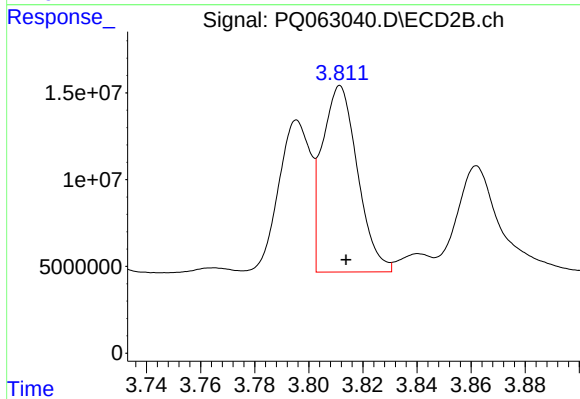
#11 AR-1232-1

R.T.: 3.134 min
Delta R.T.: -0.001 min
Response: 38376801
Conc: 393.87 ng/ml



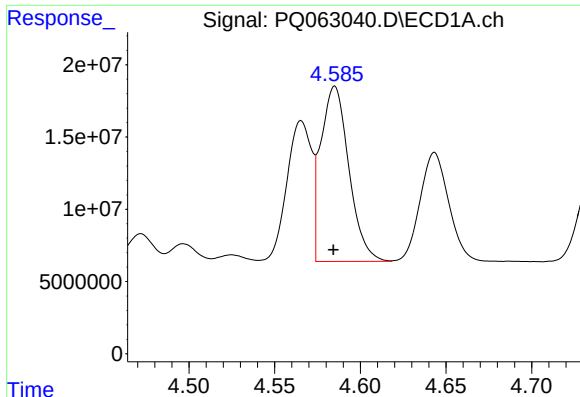
#12 AR-1232-2

R.T.: 4.305 min
Delta R.T.: 0.001 min
Response: 73830756
Conc: 1058.60 ng/ml



#12 AR-1232-2

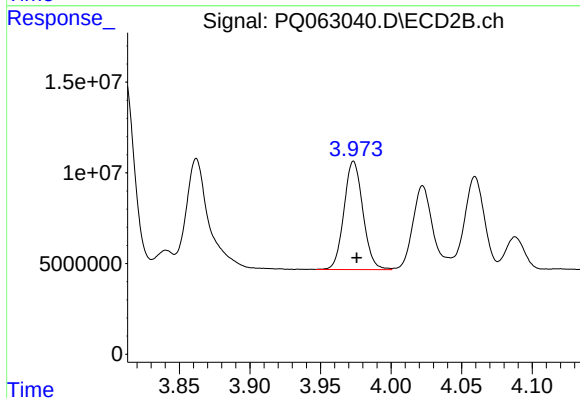
R.T.: 3.812 min
Delta R.T.: -0.002 min
Response: 97550033
Conc: 1002.85 ng/ml



#13 AR-1232-3

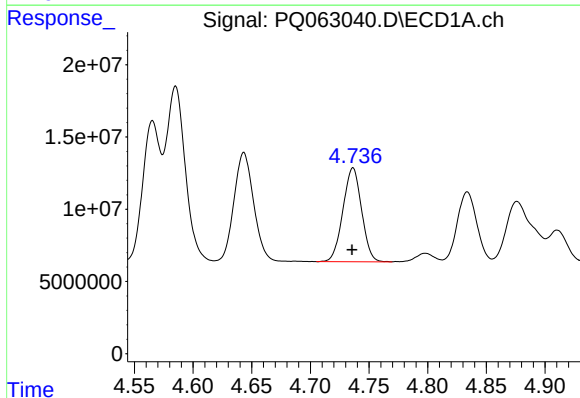
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 138435006
Conc: 1132.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



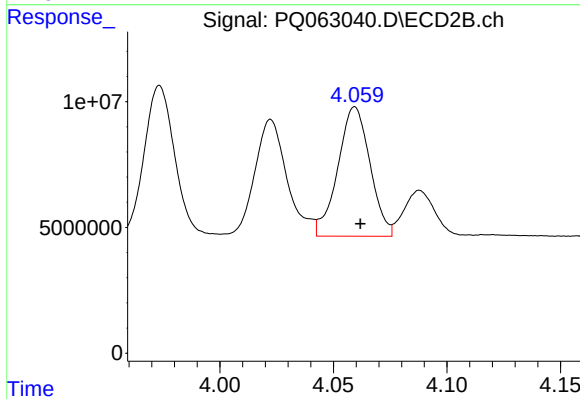
#13 AR-1232-3

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 55773857
Conc: 1050.41 ng/ml



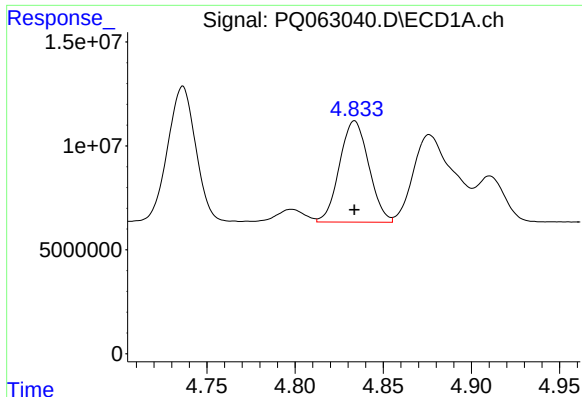
#14 AR-1232-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 71988631
Conc: 1193.07 ng/ml



#14 AR-1232-4

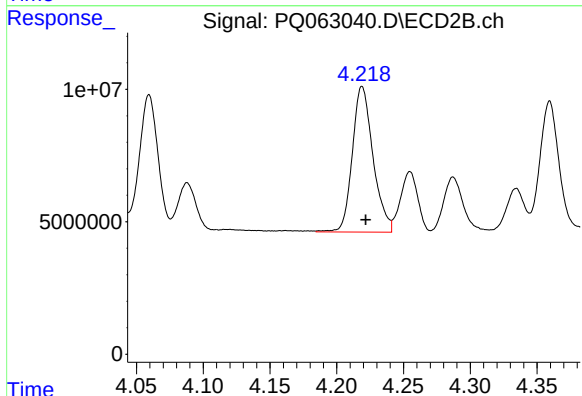
R.T.: 4.059 min
Delta R.T.: -0.002 min
Response: 50796163
Conc: 1106.71 ng/ml



#15 AR-1232-5

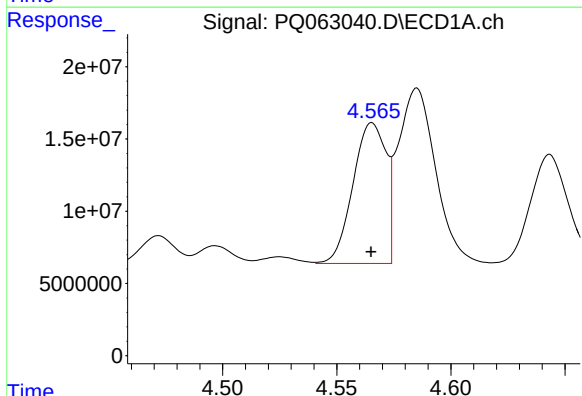
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 56375209
Conc: 1291.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



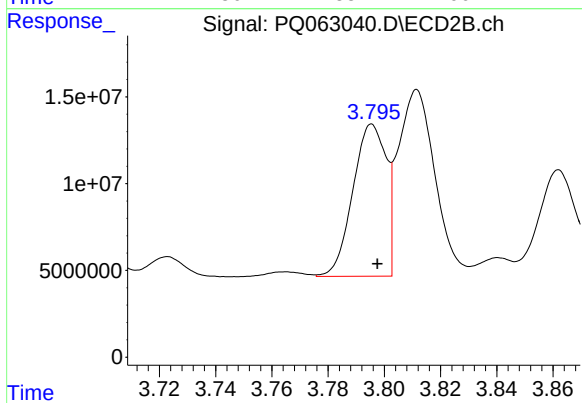
#15 AR-1232-5

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 59409366
Conc: 1095.66 ng/ml



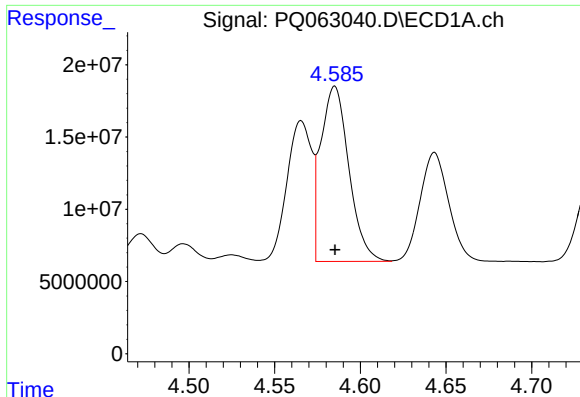
#16 AR-1242-1

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 98104642
Conc: 581.27 ng/ml



#16 AR-1242-1

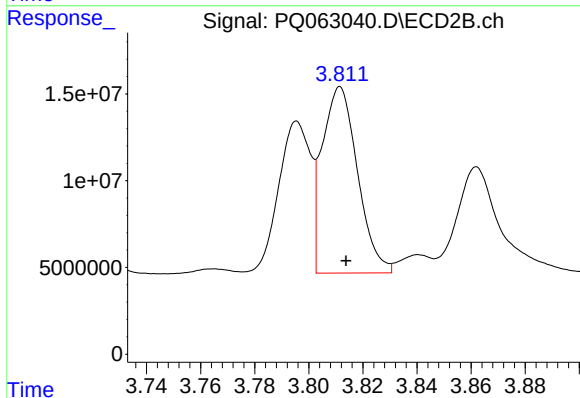
R.T.: 3.796 min
Delta R.T.: -0.002 min
Response: 71735373
Conc: 496.72 ng/ml



#17 AR-1242-2

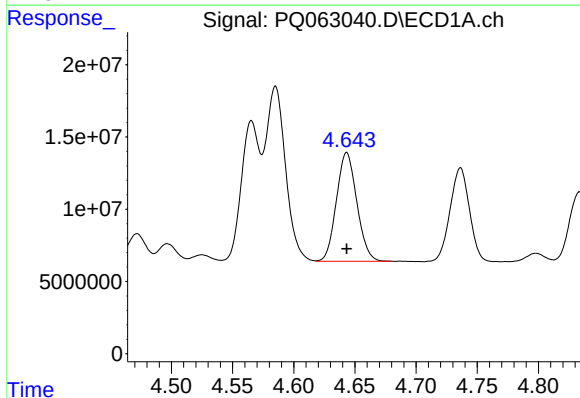
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 138435006
Conc: 574.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



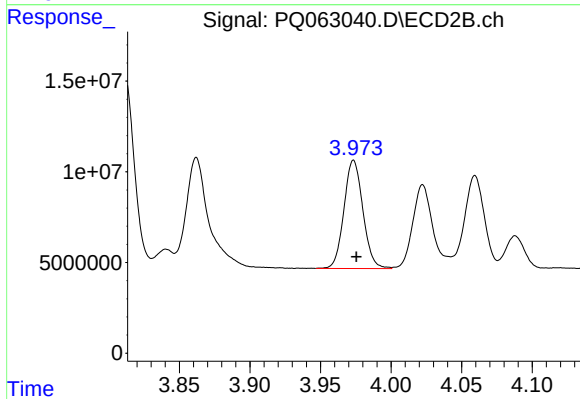
#17 AR-1242-2

R.T.: 3.812 min
Delta R.T.: -0.002 min
Response: 97550033
Conc: 513.48 ng/ml



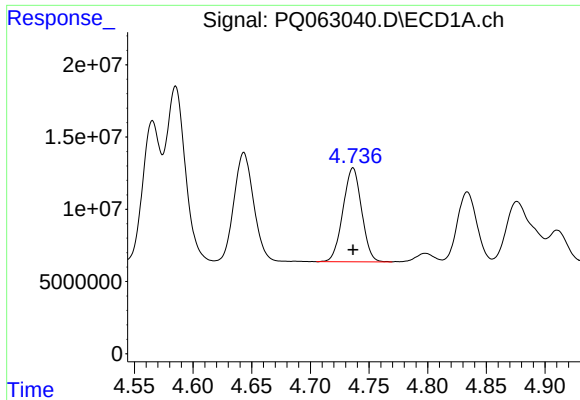
#18 AR-1242-3

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 87452909
Conc: 597.02 ng/ml



#18 AR-1242-3

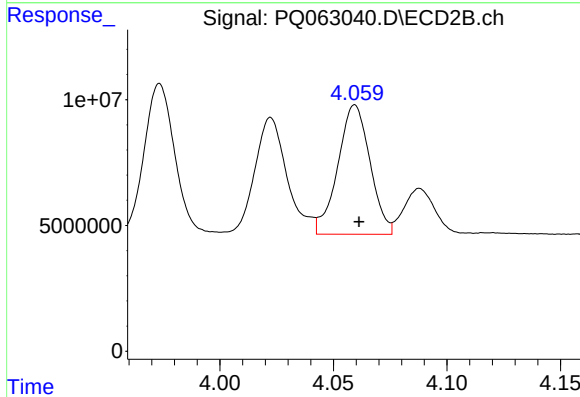
R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 55773857
Conc: 516.76 ng/ml



#19 AR-1242-4

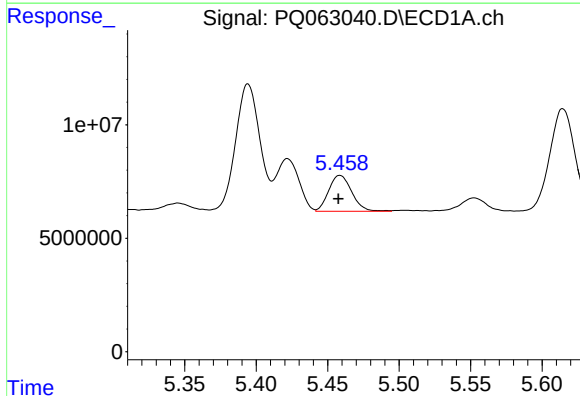
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 71988631
Conc: 581.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



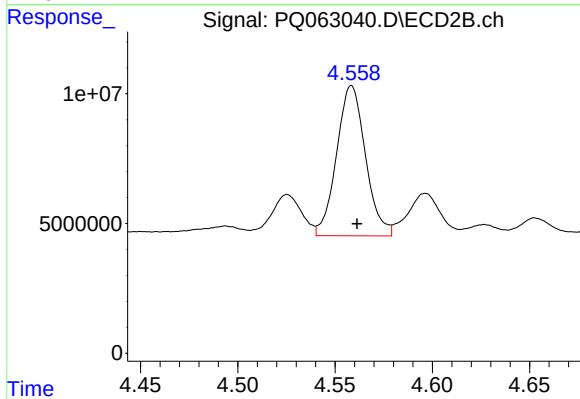
#19 AR-1242-4

R.T.: 4.059 min
Delta R.T.: -0.002 min
Response: 50796163
Conc: 509.85 ng/ml



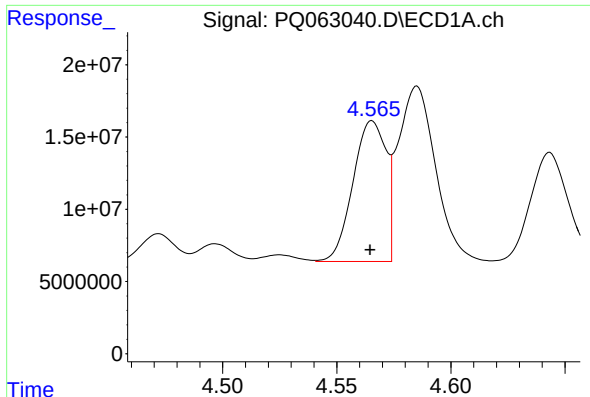
#20 AR-1242-5

R.T.: 5.459 min
Delta R.T.: 0.001 min
Response: 17818164
Conc: 134.83 ng/ml



#20 AR-1242-5

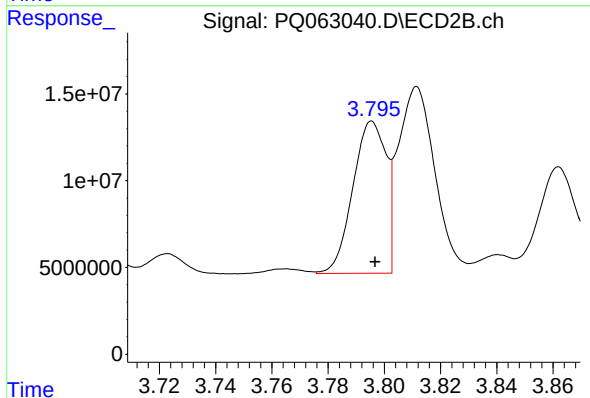
R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 59859779
Conc: 442.73 ng/ml



#21 AR-1248-1

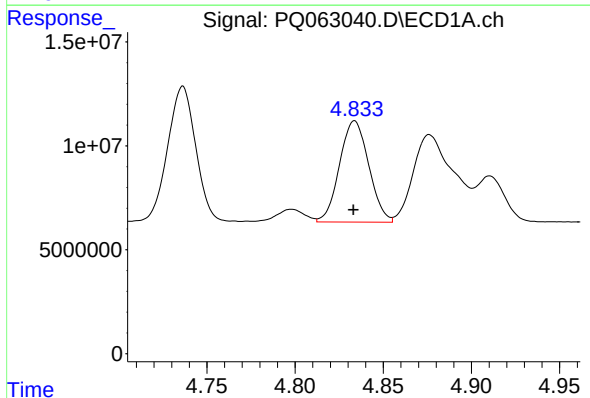
R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 98104642
Conc: 736.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



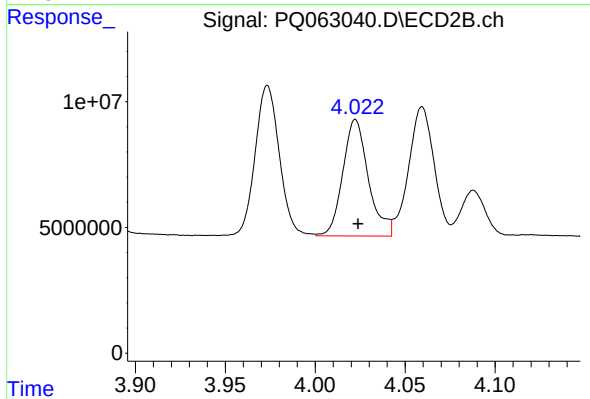
#21 AR-1248-1

R.T.: 3.796 min
Delta R.T.: -0.001 min
Response: 71735373
Conc: 642.17 ng/ml



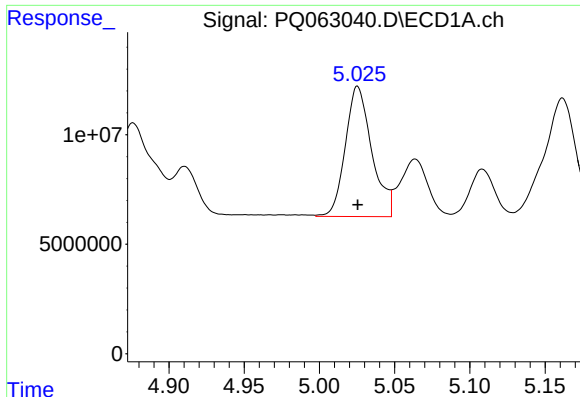
#22 AR-1248-2

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 56375209
Conc: 322.60 ng/ml



#22 AR-1248-2

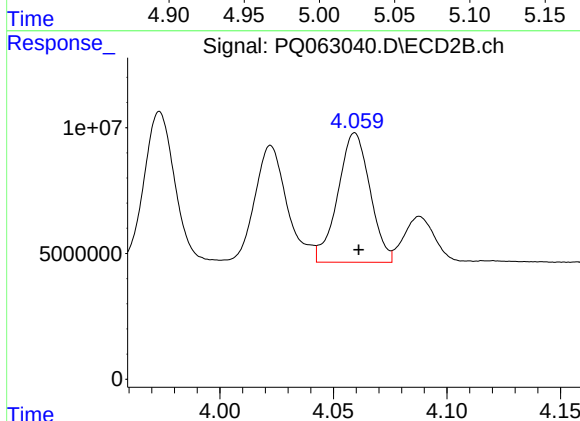
R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 45943741
Conc: 290.94 ng/ml



#23 AR-1248-3

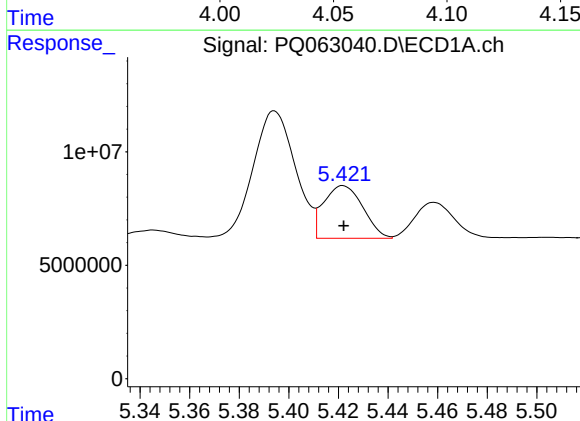
R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 72763600
Conc: 344.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



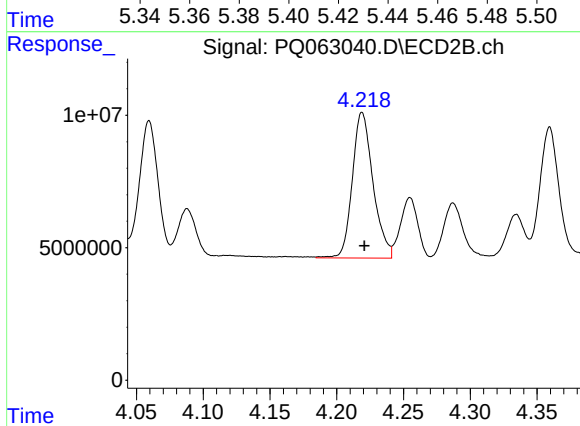
#23 AR-1248-3

R.T.: 4.059 min
Delta R.T.: -0.002 min
Response: 50796163
Conc: 333.09 ng/ml



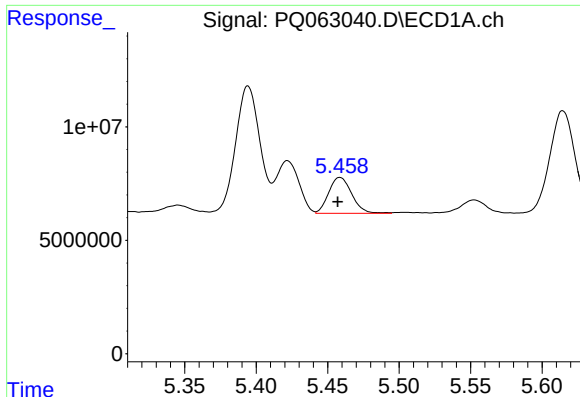
#24 AR-1248-4

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 25493981
Conc: 107.00 ng/ml



#24 AR-1248-4

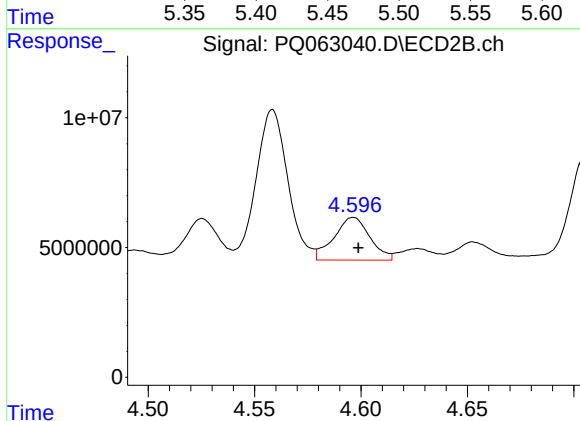
R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 59409366
Conc: 312.42 ng/ml



#25 AR-1248-5

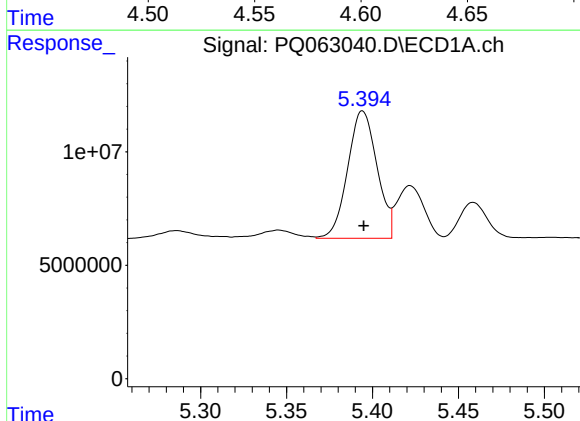
R.T.: 5.459 min
Delta R.T.: 0.002 min
Response: 17818164
Conc: 76.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



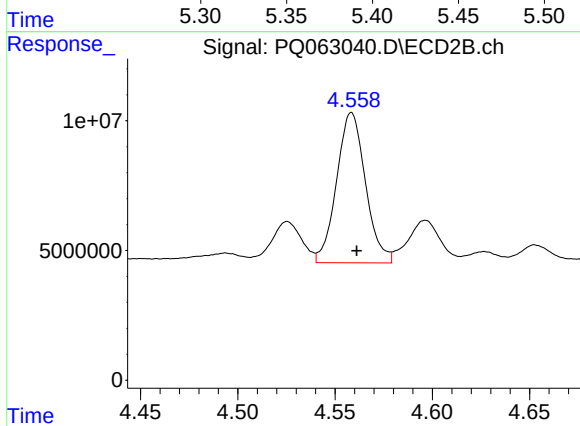
#25 AR-1248-5

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 19361754
Conc: 100.11 ng/ml



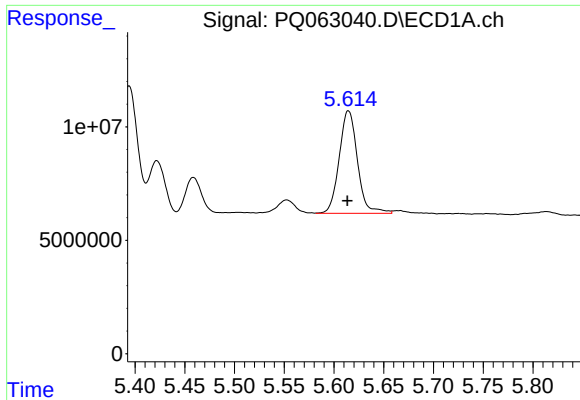
#26 AR-1254-1

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 66781790
Conc: 304.93 ng/ml



#26 AR-1254-1

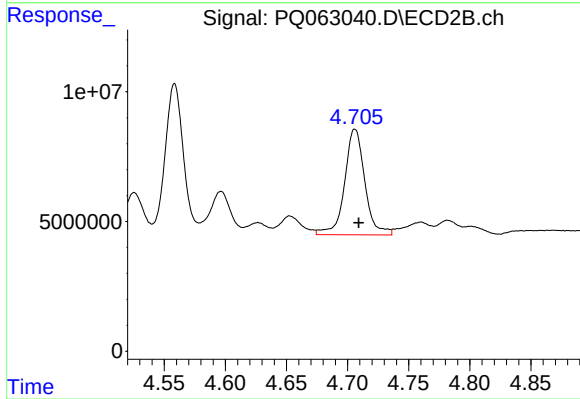
R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 59859779
Conc: 223.10 ng/ml



#27 AR-1254-2

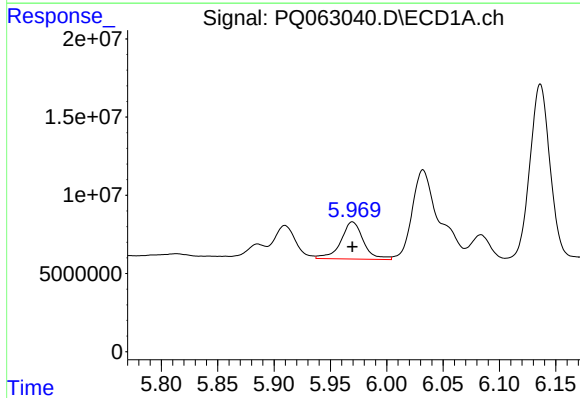
R.T.: 5.615 min
Delta R.T.: 0.001 min
Response: 57713417
Conc: 170.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



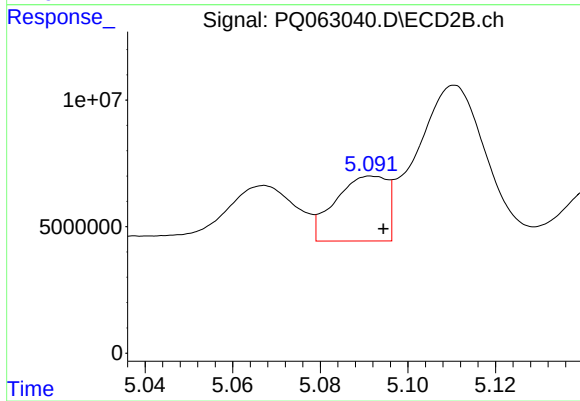
#27 AR-1254-2

R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 46945509
Conc: 200.01 ng/ml



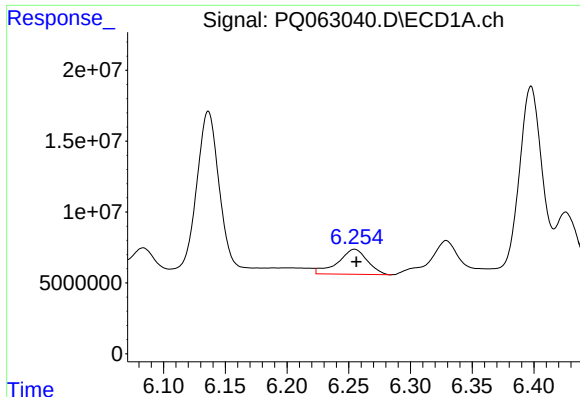
#28 AR-1254-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 33331369
Conc: 92.97 ng/ml



#28 AR-1254-3

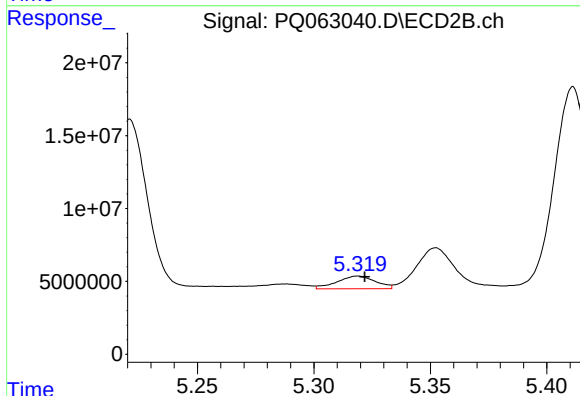
R.T.: 5.092 min
Delta R.T.: -0.003 min
Response: 21019664
Conc: 55.58 ng/ml



#29 AR-1254-4

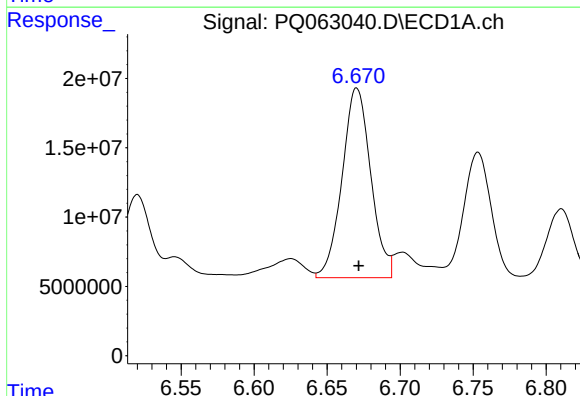
R.T.: 6.255 min
Delta R.T.: -0.001 min
Response: 29385377
Conc: 108.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



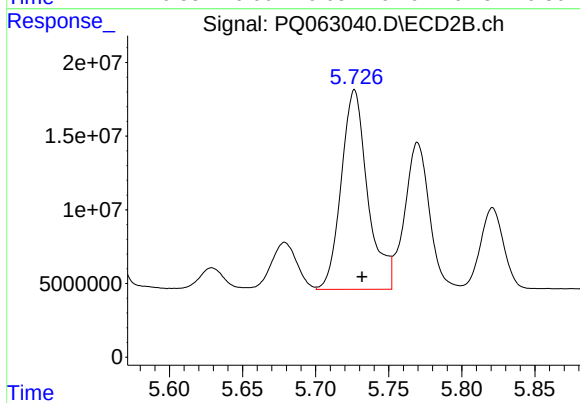
#29 AR-1254-4

R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 10057186
Conc: 41.17 ng/ml



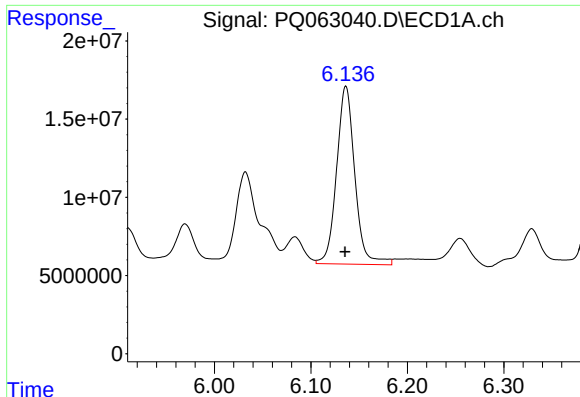
#30 AR-1254-5

R.T.: 6.670 min
Delta R.T.: -0.002 min
Response: 187322401
Conc: 677.64 ng/ml



#30 AR-1254-5

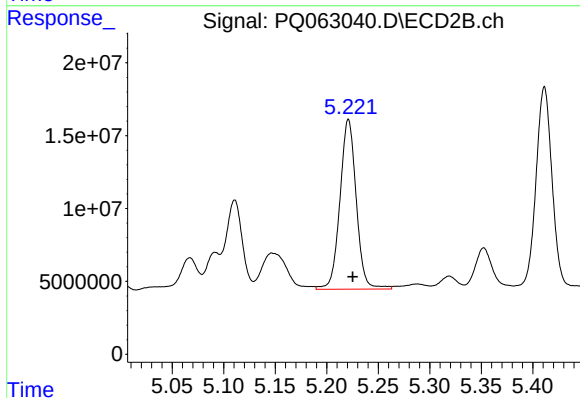
R.T.: 5.727 min
Delta R.T.: -0.005 min
Response: 170758987
Conc: 494.76 ng/ml



#31 AR-1260-1

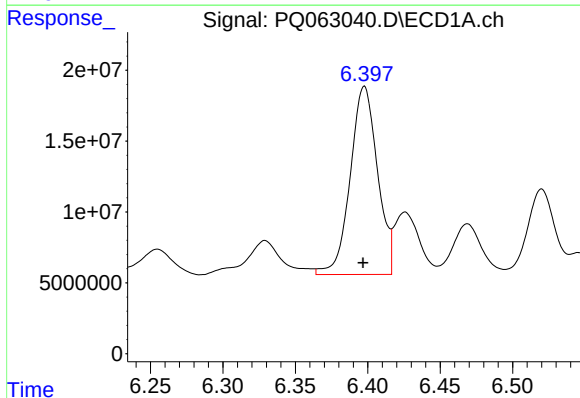
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 149496691
Conc: 584.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



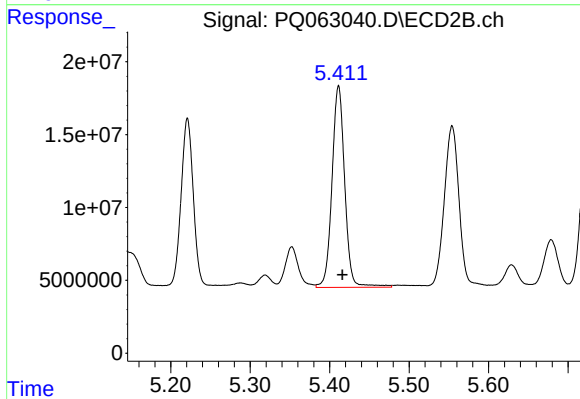
#31 AR-1260-1

R.T.: 5.221 min
Delta R.T.: -0.004 min
Response: 128484423
Conc: 514.81 ng/ml



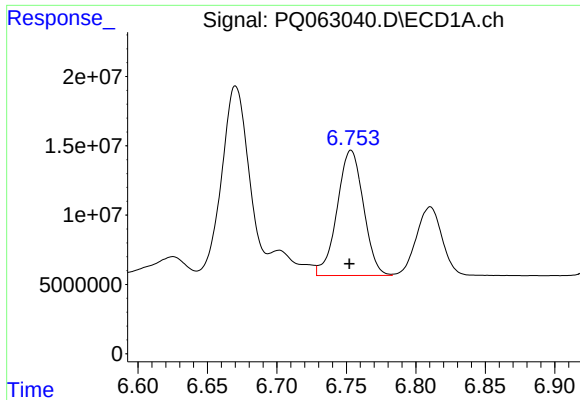
#32 AR-1260-2

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 174260078
Conc: 574.15 ng/ml



#32 AR-1260-2

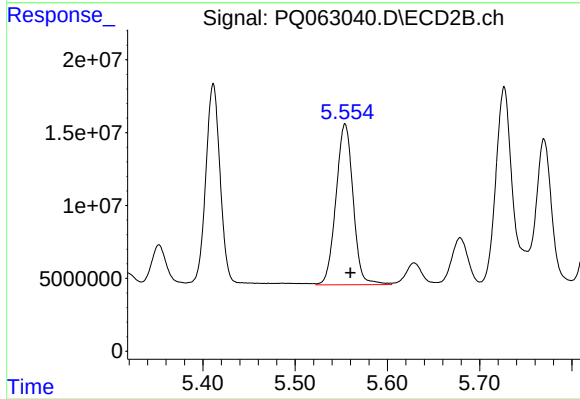
R.T.: 5.411 min
Delta R.T.: -0.005 min
Response: 153741118
Conc: 499.20 ng/ml



#33 AR-1260-3

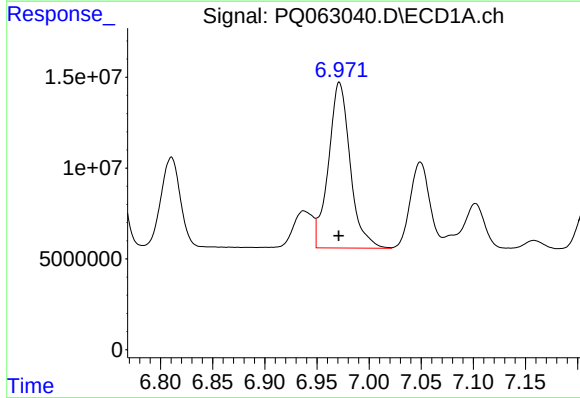
R.T.: 6.753 min
Delta R.T.: 0.001 min
Response: 119255362
Conc: 565.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



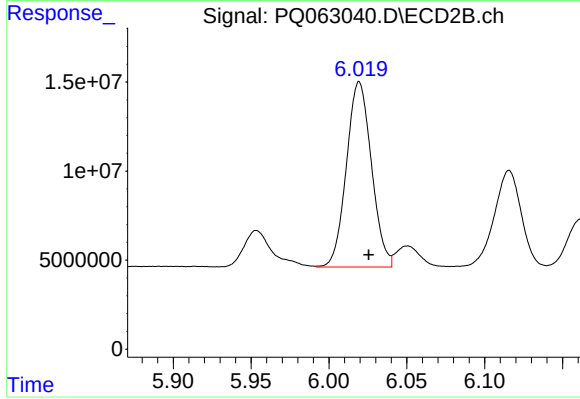
#33 AR-1260-3

R.T.: 5.554 min
Delta R.T.: -0.006 min
Response: 143058468
Conc: 461.67 ng/ml



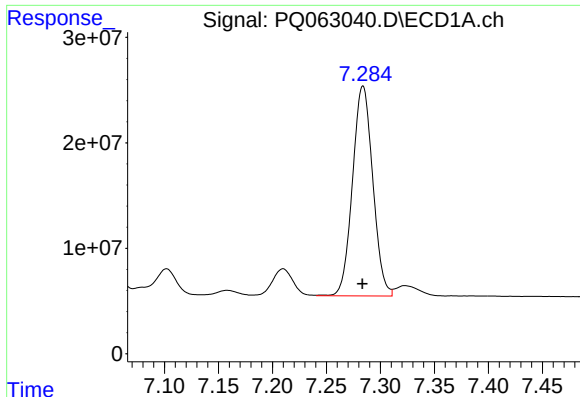
#34 AR-1260-4

R.T.: 6.972 min
Delta R.T.: 0.000 min
Response: 132139609
Conc: 551.37 ng/ml



#34 AR-1260-4

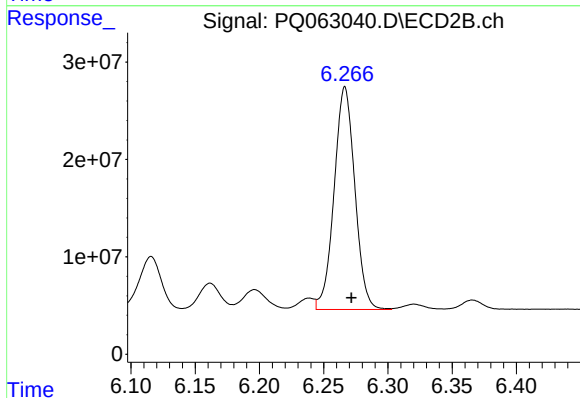
R.T.: 6.019 min
Delta R.T.: -0.006 min
Response: 116399819
Conc: 474.69 ng/ml



#35 AR-1260-5

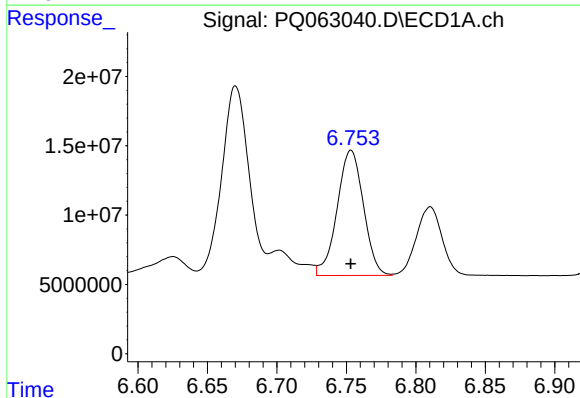
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 260049418
Conc: 554.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



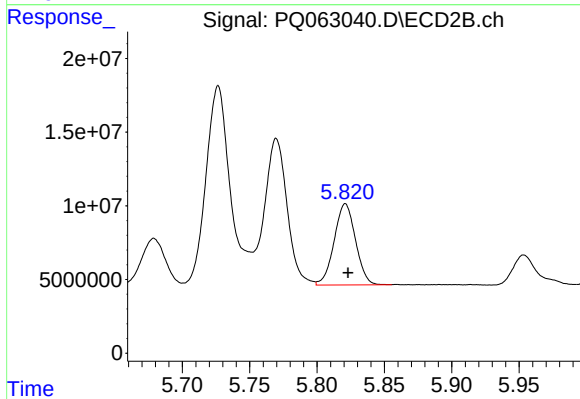
#35 AR-1260-5

R.T.: 6.267 min
Delta R.T.: -0.005 min
Response: 256528227
Conc: 469.38 ng/ml



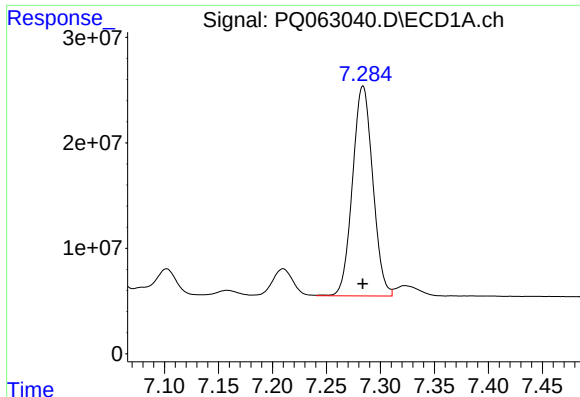
#36 AR-1262-1

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 119255362
Conc: 369.27 ng/ml



#36 AR-1262-1

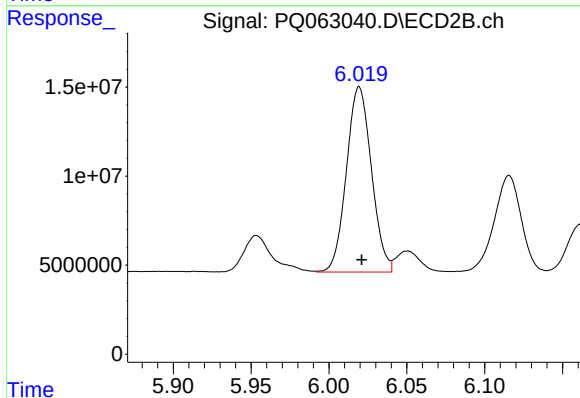
R.T.: 5.821 min
Delta R.T.: -0.002 min
Response: 60958963
Conc: 426.93 ng/ml



#37 AR-1262-2

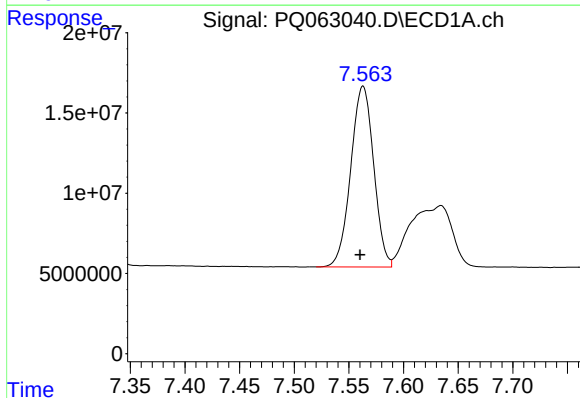
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 260049418
Conc: 479.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



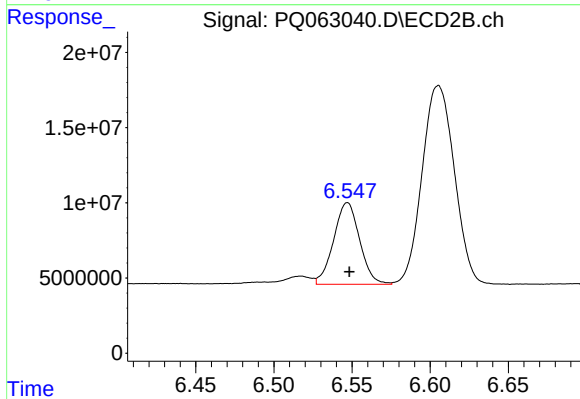
#37 AR-1262-2

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 116399819
Conc: 372.48 ng/ml



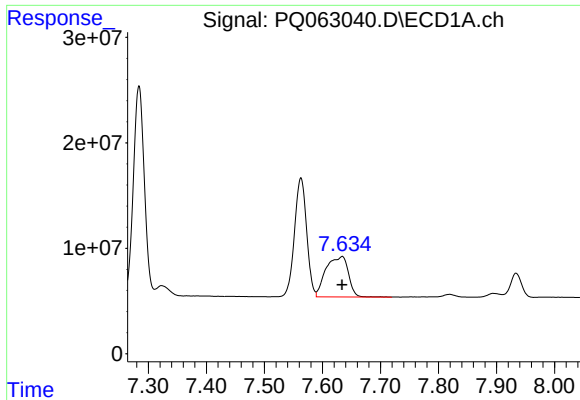
#38 AR-1262-3

R.T.: 7.563 min
Delta R.T.: 0.003 min
Response: 164565077
Conc: 455.59 ng/ml



#38 AR-1262-3

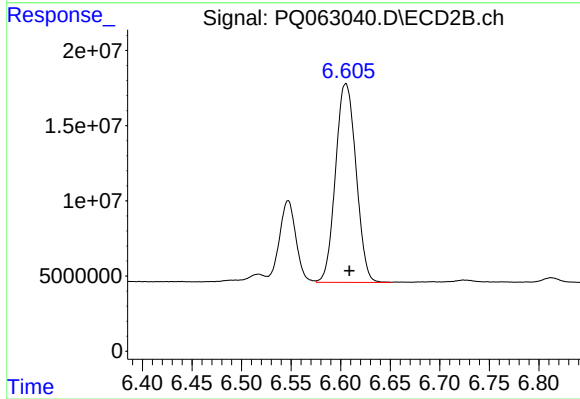
R.T.: 6.547 min
Delta R.T.: -0.001 min
Response: 63008938
Conc: 249.95 ng/ml



#39 AR-1262-4

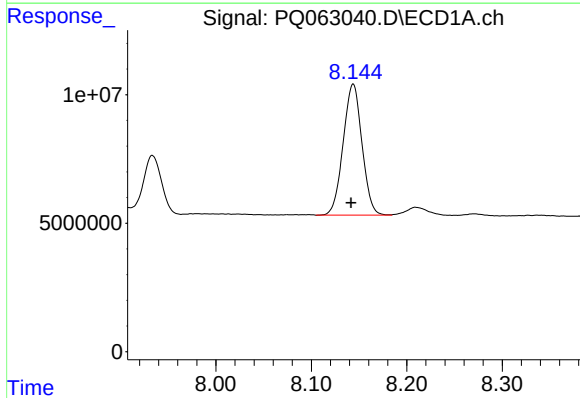
R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 103198154
Conc: 368.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



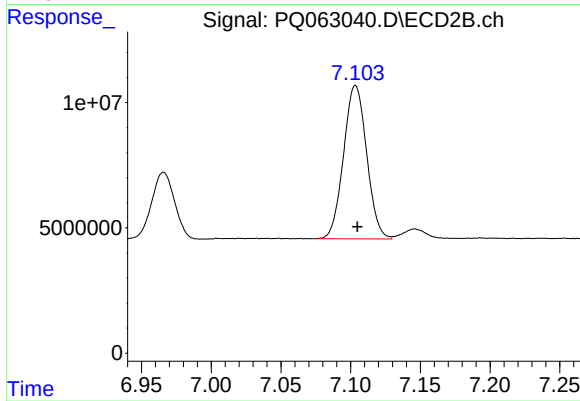
#39 AR-1262-4

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 190411652
Conc: 407.29 ng/ml



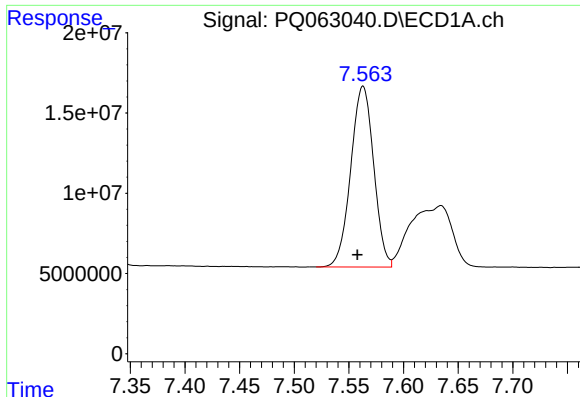
#40 AR-1262-5

R.T.: 8.144 min
Delta R.T.: 0.002 min
Response: 69785405
Conc: 371.28 ng/ml



#40 AR-1262-5

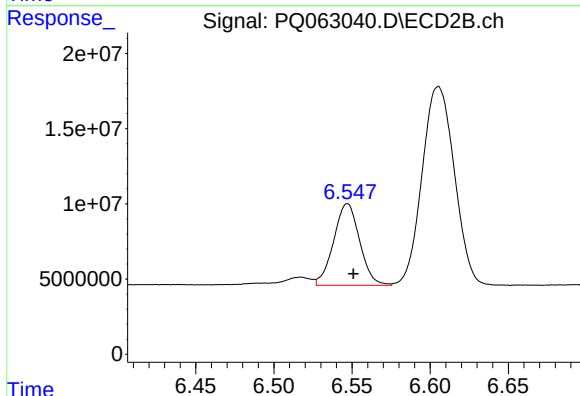
R.T.: 7.104 min
Delta R.T.: -0.001 min
Response: 70649466
Conc: 321.53 ng/ml



#41 AR-1268-1

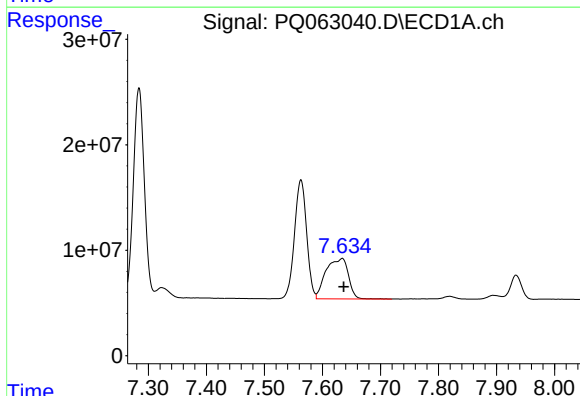
R.T.: 7.563 min
Delta R.T.: 0.005 min
Response: 164565077
Conc: 254.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



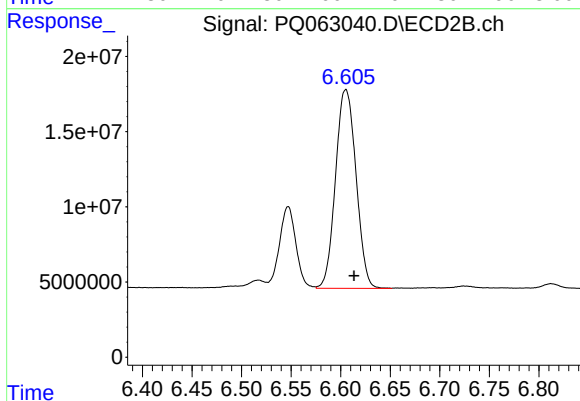
#41 AR-1268-1

R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 63008938
Conc: 84.43 ng/ml



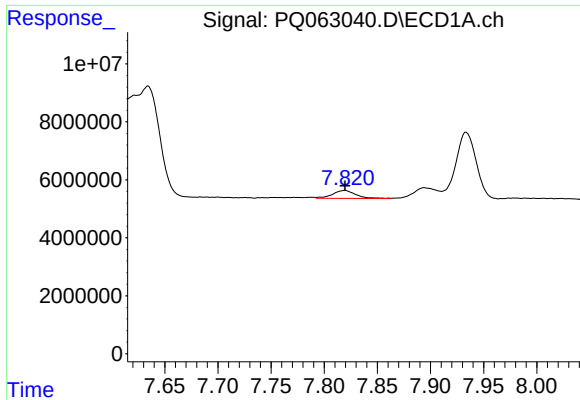
#42 AR-1268-2

R.T.: 7.634 min
Delta R.T.: -0.003 min
Response: 103198154
Conc: 172.09 ng/ml



#42 AR-1268-2

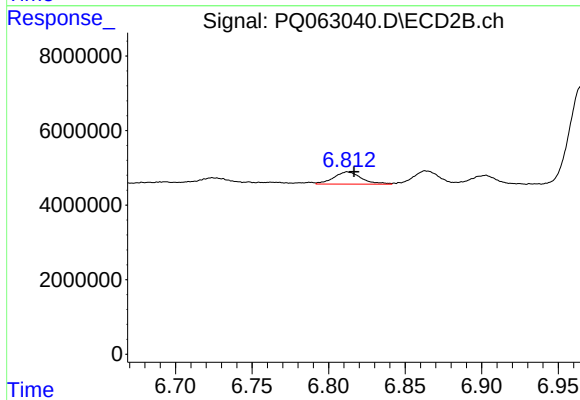
R.T.: 6.605 min
Delta R.T.: -0.008 min
Response: 190411652
Conc: 277.31 ng/ml



#43 AR-1268-3

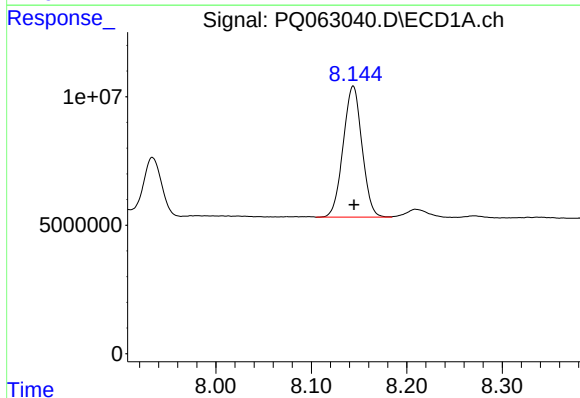
R.T.: 7.819 min
Delta R.T.: 0.000 min
Response: 4210634
Conc: 8.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



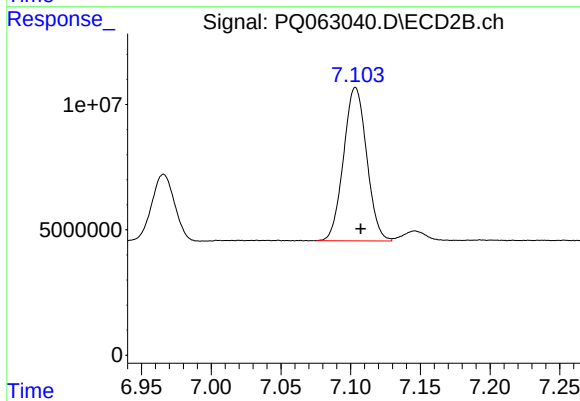
#43 AR-1268-3

R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 4069465
Conc: 6.93 ng/ml



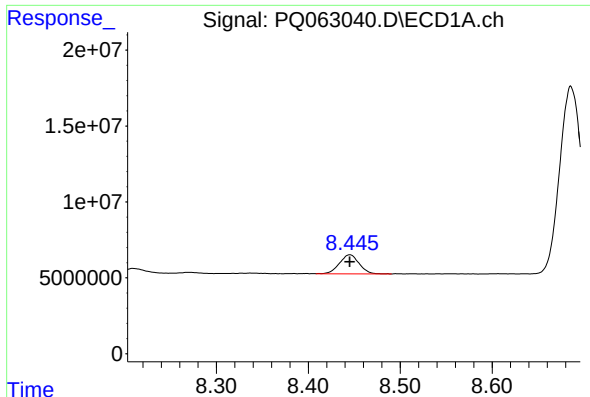
#44 AR-1268-4

R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 69785405
Conc: 325.28 ng/ml



#44 AR-1268-4

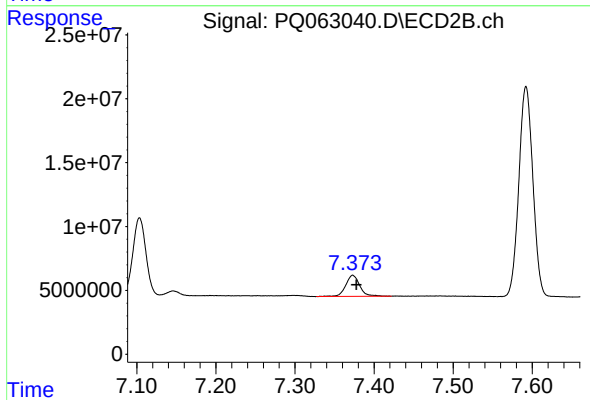
R.T.: 7.104 min
Delta R.T.: -0.004 min
Response: 70649466
Conc: 277.45 ng/ml



#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 18733537
Conc: 12.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.373 min
Delta R.T.: -0.005 min
Response: 20531913
Conc: 11.59 ng/ml