

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
 Data File : PQ063133.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2023 12:20
 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 23 12:56:50 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	2.783	249.6E6	214.1E6	46.451	51.903
2)	SA Decachlor...	8.688	7.591	211.5E6	209.0E6	54.630	48.317
Target Compounds							
3)	L1 AR-1016-1	4.566	3.794	91577740	80268265	470.658	503.672
4)	L1 AR-1016-2	4.585	3.810	131.6E6	107.1E6	474.195	501.394
5)	L1 AR-1016-3	4.644	3.972	81395533	61265810	475.987	512.441
6)	L1 AR-1016-4	4.736	4.021	67597390	48362160	480.336	498.444
7)	L1 AR-1016-5	5.026	4.217	67758920	63017604	492.457	500.777
8)	L2 AR-1221-1	3.652	2.985	10608335	10583497	155.899	192.876
9)	L2 AR-1221-2	3.735	3.063	12482977	11704607	261.636	310.312
10)	L2 AR-1221-3	3.806	3.133	49523541	43076099	320.895	358.001
11)	L3 AR-1232-1	3.806	3.133	49523541	43076099	383.306	442.099
12)	L3 AR-1232-2	4.304	3.810	69857336	107.1E6	1001.624	1101.380
13)	L3 AR-1232-3	4.585	3.972	131.6E6	61265810	1076.817	1153.843
14)	L3 AR-1232-4	4.736	4.058	67597390	53529795	1120.294	1166.273
15)	L3 AR-1232-5	4.834	4.217	52995423	63017604	1214.197	1162.200
16)	L4 AR-1242-1	4.566	3.794	91577740	80268265	542.594	555.805
17)	L4 AR-1242-2	4.585	3.810	131.6E6	107.1E6	545.603	563.930
18)	L4 AR-1242-3	4.644	3.972	81395533	61265810	555.671	567.648
19)	L4 AR-1242-4	4.736	4.058	67597390	53529795	546.294	537.291
20)	L4 AR-1242-5	5.458	4.556	18016912	61561349	136.329	455.318 #
21)	L5 AR-1248-1	4.566	3.794	91577740	80268265	687.777	718.553
22)	L5 AR-1248-2	4.834	4.021	52995423	48362160	303.259	306.252
23)	L5 AR-1248-3	5.026	4.058	67758920	53529795	320.415	351.016
24)	L5 AR-1248-4	5.423	4.217	24158394	63017604	101.395	331.390 #
25)	L5 AR-1248-5	5.458	4.595	18016912	17750632	77.531	91.777
26)	L6 AR-1254-1	5.395	4.556	61479920	61561349	280.724	229.440
27)	L6 AR-1254-2	5.614	4.704	55155071	44918115	162.869	191.374
28)	L6 AR-1254-3	5.969	5.089	27177770	21567450	75.806	57.031
29)	L6 AR-1254-4	6.253	5.317	21339330	7891796	78.760	32.303 #
30)	L6 AR-1254-5	6.671	5.725	179.5E6	187.9E6	649.259	544.516
31)	L7 AR-1260-1	6.136	5.219	136.4E6	123.9E6	533.654	496.474
32)	L7 AR-1260-2	6.397	5.410	161.7E6	155.5E6	532.816	504.791
33)	L7 AR-1260-3	6.753	5.553	117.1E6	154.2E6	555.319	497.494
34)	L7 AR-1260-4	6.972	6.018	132.6E6	127.5E6	553.242	519.829
35)	L7 AR-1260-5	7.283	6.265	250.6E6	284.3E6	534.122	520.192
36)	L8 AR-1262-1	6.753	5.820	117.1E6	66277432	362.484	464.177 #
37)	L8 AR-1262-2	7.283	6.018	250.6E6	127.5E6	461.757	407.906
38)	L8 AR-1262-3	7.563	6.545	160.1E6	68427958	443.280	271.444 #
39)	L8 AR-1262-4	7.635	6.604	106.1E6	216.9E6	378.699	464.001
40)	L8 AR-1262-5	8.144	7.102	68194054	74906091	362.818	340.899
41)	L9 AR-1268-1	7.563	6.545	160.1E6	68427958	247.589	91.692 #

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 Data File : PQ063133.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2023 12:20
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

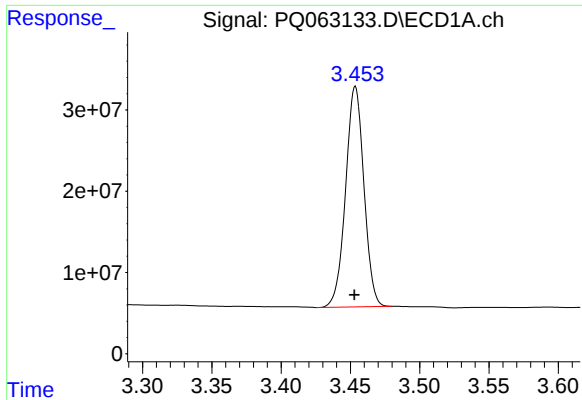
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 12:56:50 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	6.604	106.1E6	216.9E6	177.003	315.923 #
43) L9	AR-1268-3	7.818	6.810	3706691	14821044	7.528	25.252 #
44) L9	AR-1268-4	8.144	7.102	68194054	74906091	317.866	294.168
45) L9	AR-1268-5	8.445	7.372	18874718	20205816	12.247	11.406

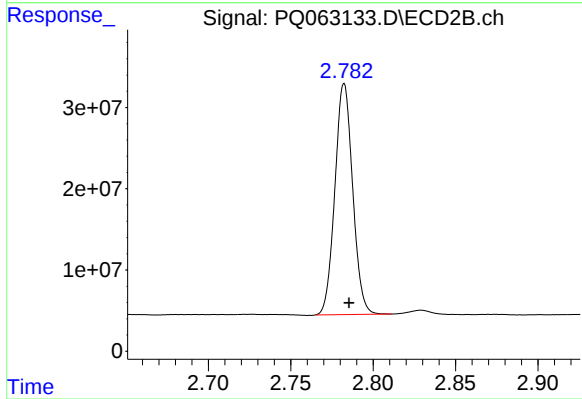
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

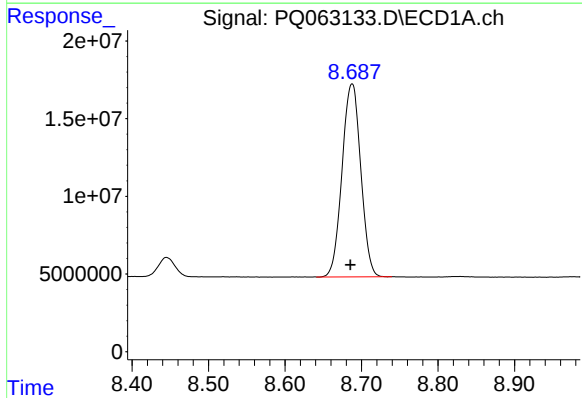
R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 249599546
Conc: 46.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



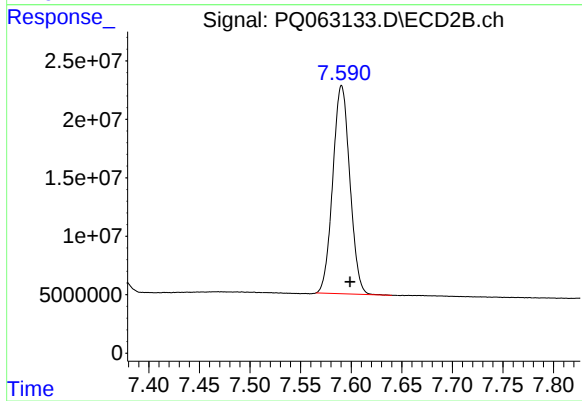
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.003 min
Response: 214061562
Conc: 51.90 ng/ml



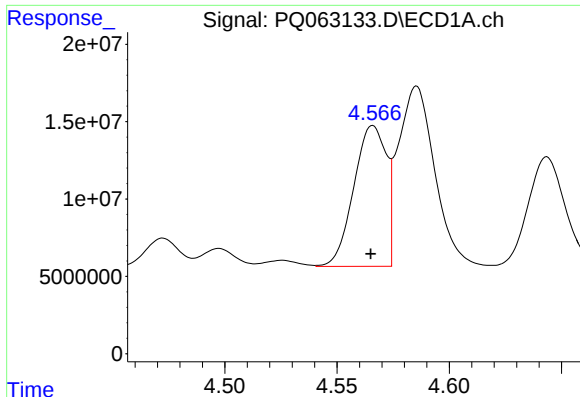
#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: 0.002 min
Response: 211518279
Conc: 54.63 ng/ml



#2 Decachlorobiphenyl

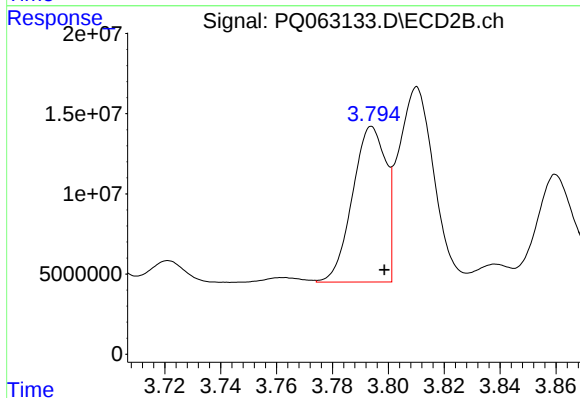
R.T.: 7.591 min
Delta R.T.: -0.008 min
Response: 208986650
Conc: 48.32 ng/ml



#3 AR-1016-1

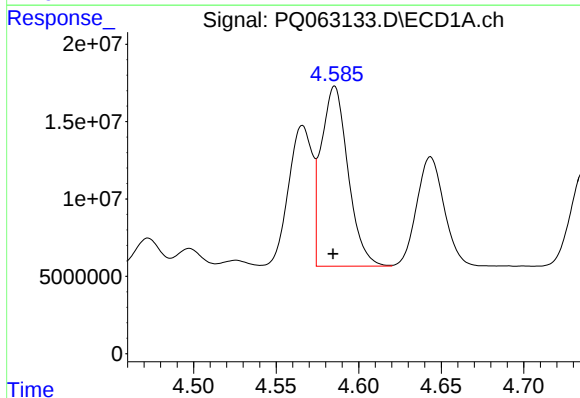
R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 91577740
Conc: 470.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



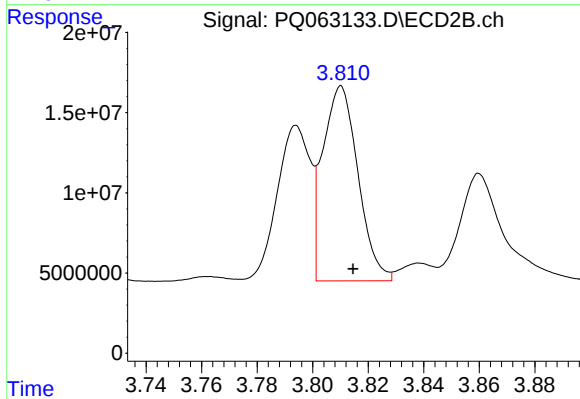
#3 AR-1016-1

R.T.: 3.794 min
Delta R.T.: -0.004 min
Response: 80268265
Conc: 503.67 ng/ml



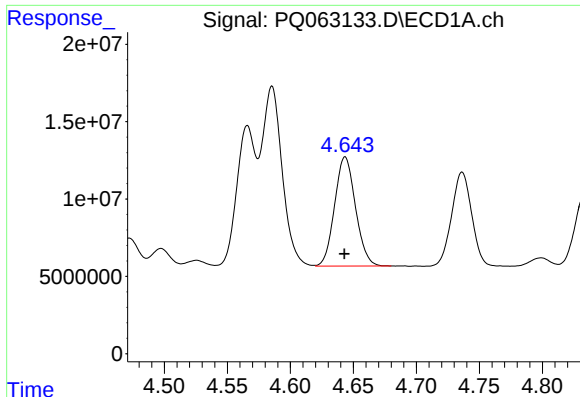
#4 AR-1016-2

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 131578080
Conc: 474.20 ng/ml



#4 AR-1016-2

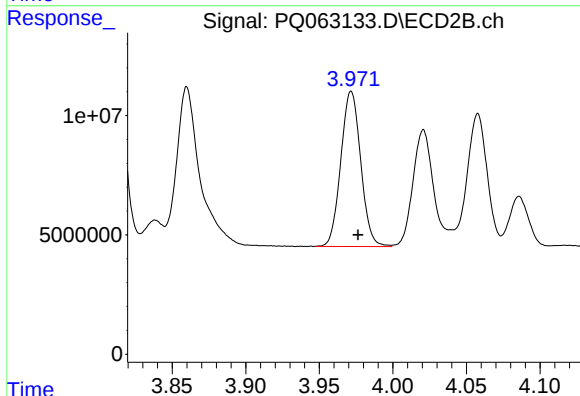
R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 107134384
Conc: 501.39 ng/ml



#5 AR-1016-3

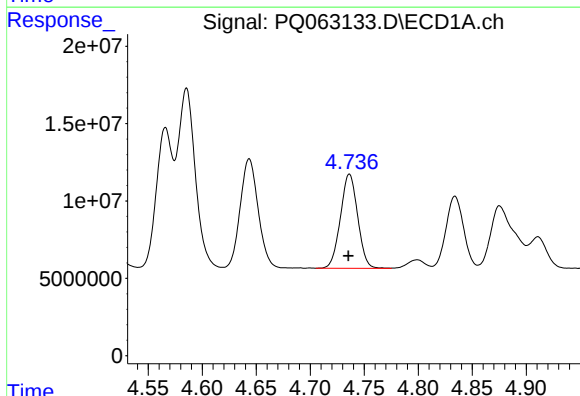
R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 81395533
Conc: 475.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



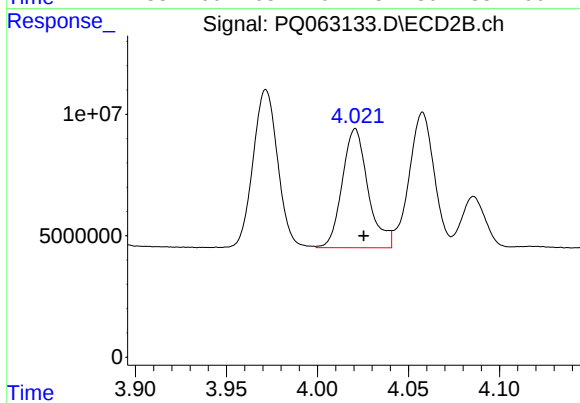
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: -0.005 min
Response: 61265810
Conc: 512.44 ng/ml



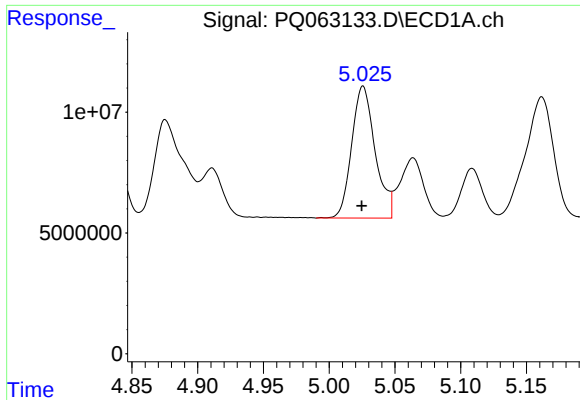
#6 AR-1016-4

R.T.: 4.736 min
Delta R.T.: 0.001 min
Response: 67597390
Conc: 480.34 ng/ml



#6 AR-1016-4

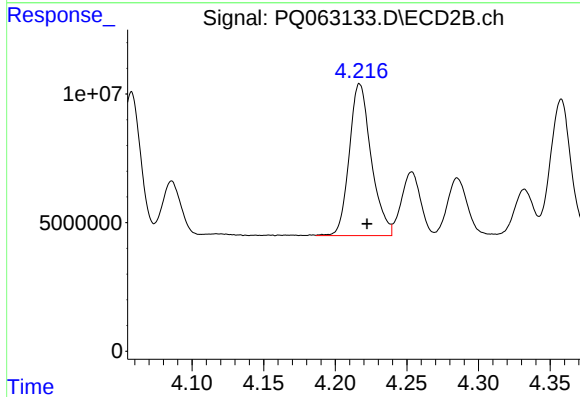
R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 48362160
Conc: 498.44 ng/ml



#7 AR-1016-5

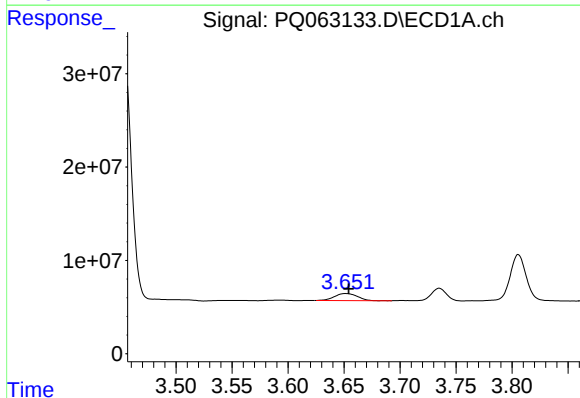
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 67758920
Conc: 492.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



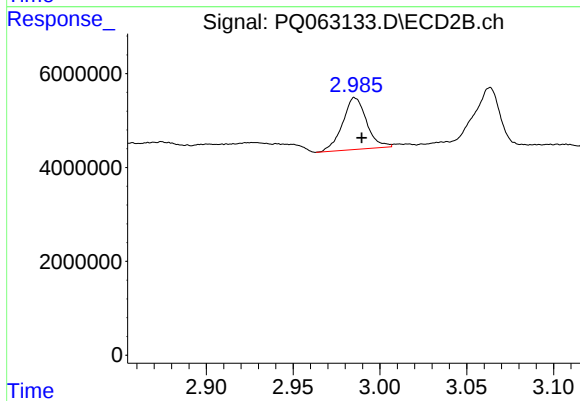
#7 AR-1016-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 63017604
Conc: 500.78 ng/ml



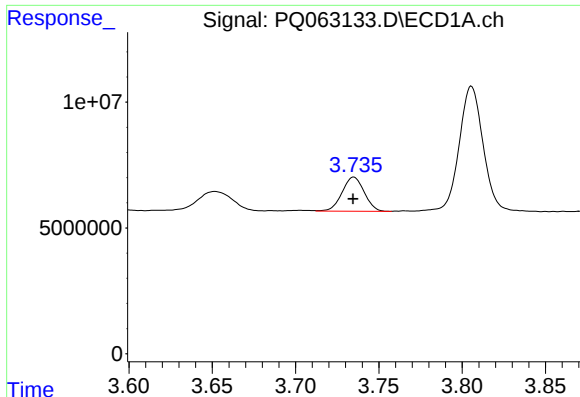
#8 AR-1221-1

R.T.: 3.652 min
Delta R.T.: -0.003 min
Response: 10608335
Conc: 155.90 ng/ml



#8 AR-1221-1

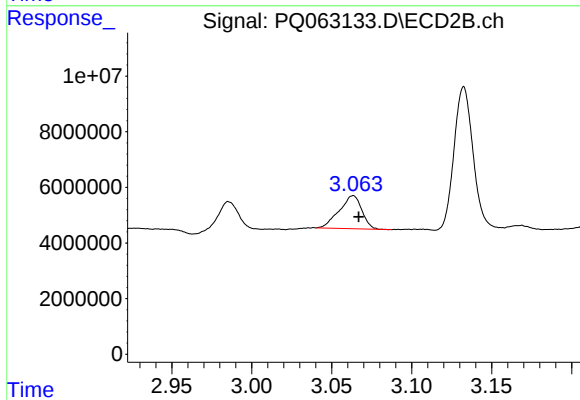
R.T.: 2.985 min
Delta R.T.: -0.004 min
Response: 10583497
Conc: 192.88 ng/ml



#9 AR-1221-2

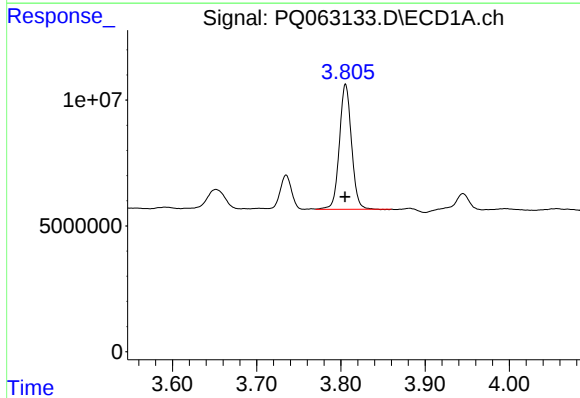
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 12482977
Conc: 261.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



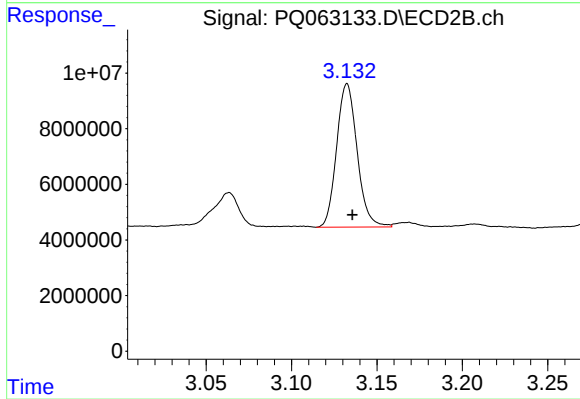
#9 AR-1221-2

R.T.: 3.063 min
Delta R.T.: -0.003 min
Response: 11704607
Conc: 310.31 ng/ml



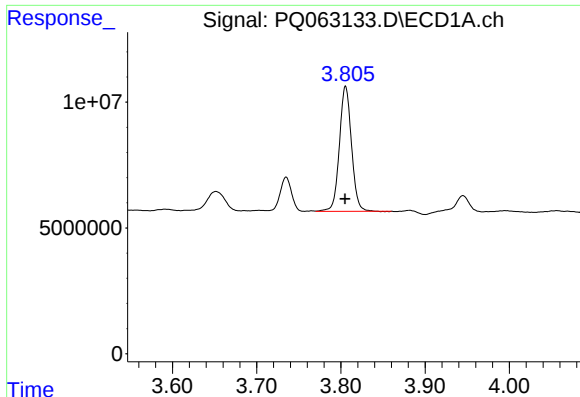
#10 AR-1221-3

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 49523541
Conc: 320.90 ng/ml



#10 AR-1221-3

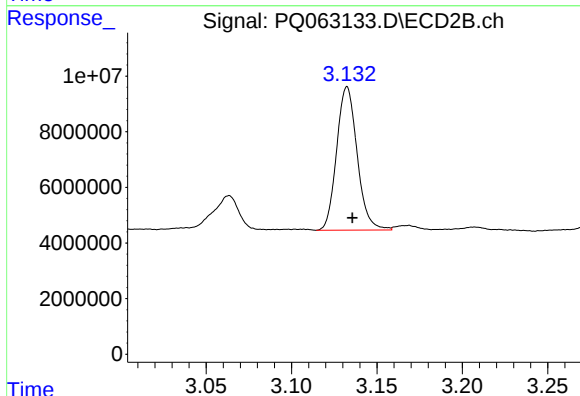
R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 43076099
Conc: 358.00 ng/ml



#11 AR-1232-1

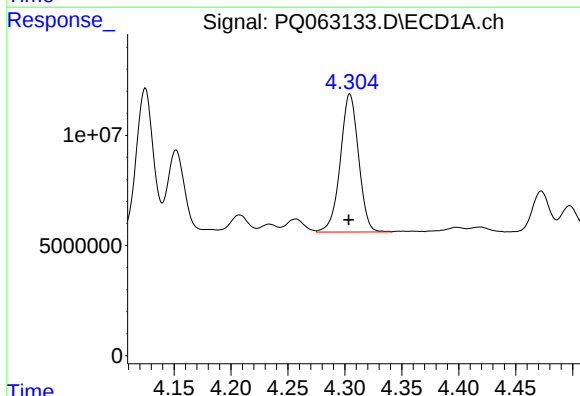
R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 49523541
Conc: 383.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



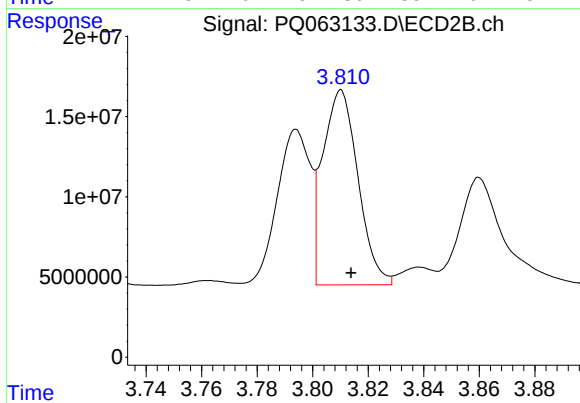
#11 AR-1232-1

R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 43076099
Conc: 442.10 ng/ml



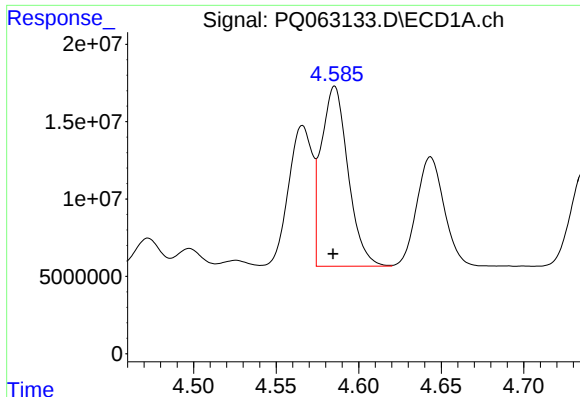
#12 AR-1232-2

R.T.: 4.304 min
Delta R.T.: 0.001 min
Response: 69857336
Conc: 1001.62 ng/ml



#12 AR-1232-2

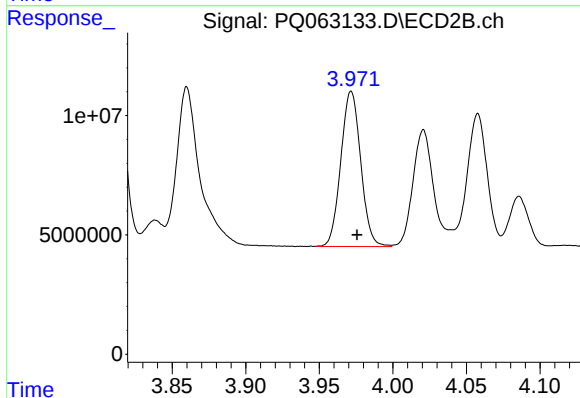
R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 107134384
Conc: 1101.38 ng/ml



#13 AR-1232-3

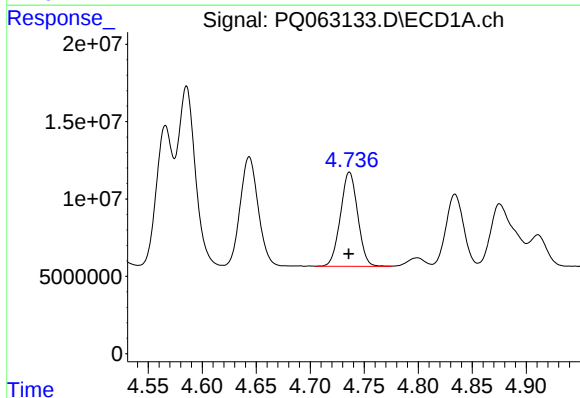
R.T.: 4.585 min
Delta R.T.: 0.001 min
Response: 131578080
Conc: 1076.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



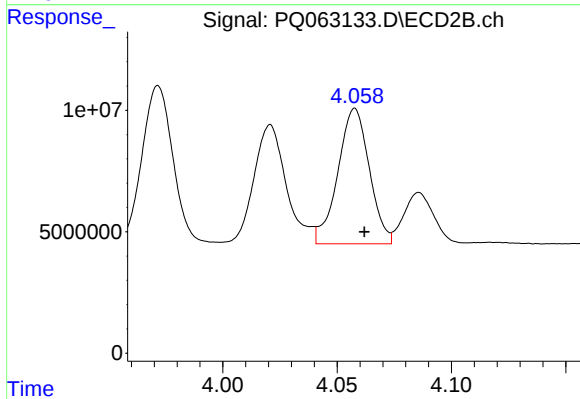
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 61265810
Conc: 1153.84 ng/ml



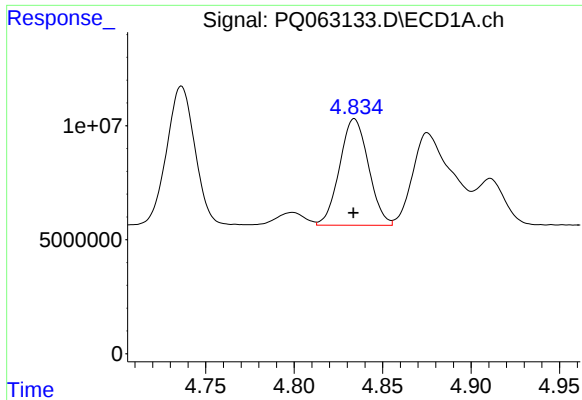
#14 AR-1232-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 67597390
Conc: 1120.29 ng/ml



#14 AR-1232-4

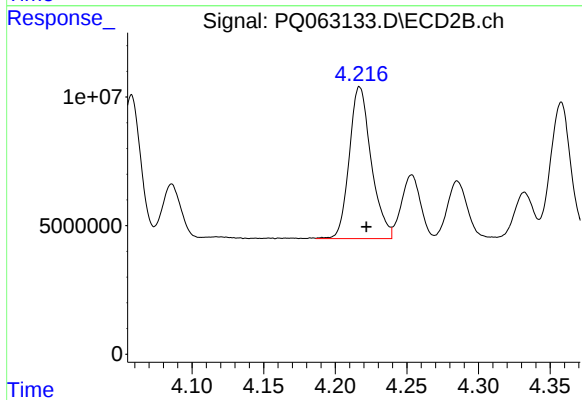
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 53529795
Conc: 1166.27 ng/ml



#15 AR-1232-5

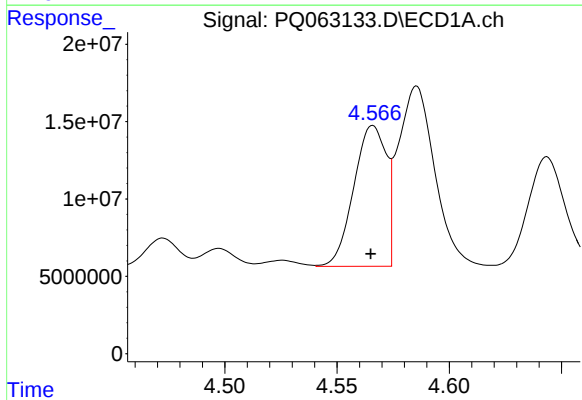
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 52995423
Conc: 1214.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



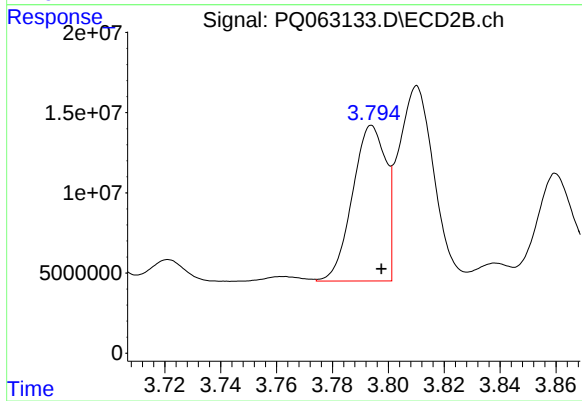
#15 AR-1232-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 63017604
Conc: 1162.20 ng/ml



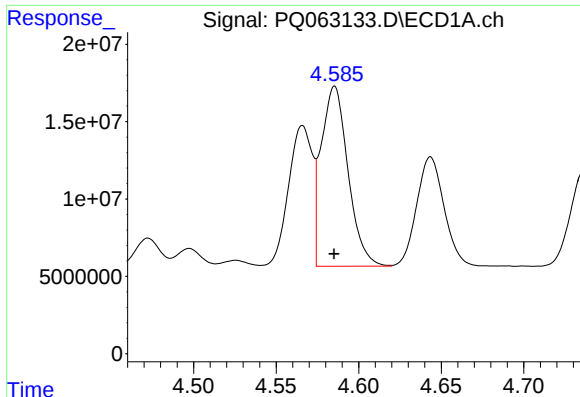
#16 AR-1242-1

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 91577740
Conc: 542.59 ng/ml



#16 AR-1242-1

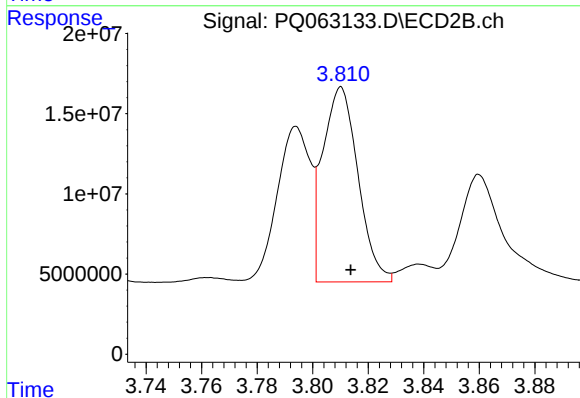
R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 80268265
Conc: 555.81 ng/ml



#17 AR-1242-2

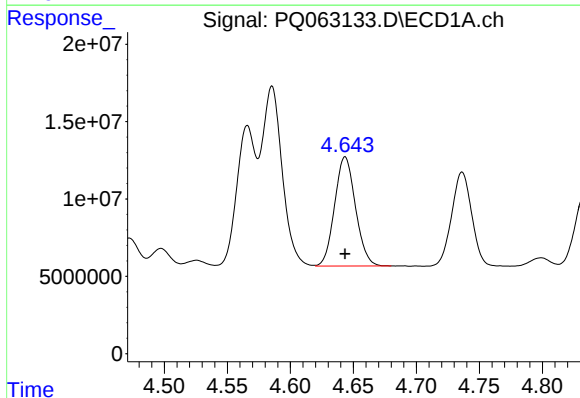
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 131578080
Conc: 545.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



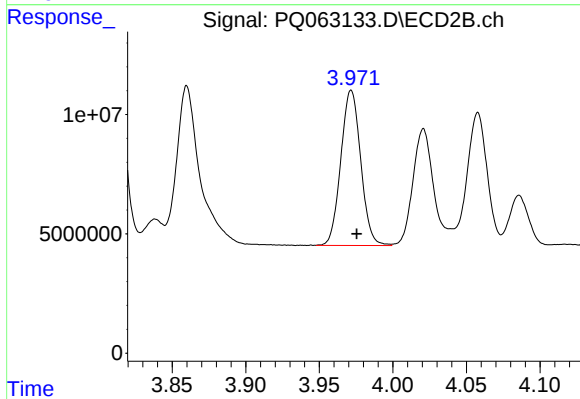
#17 AR-1242-2

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 107134384
Conc: 563.93 ng/ml



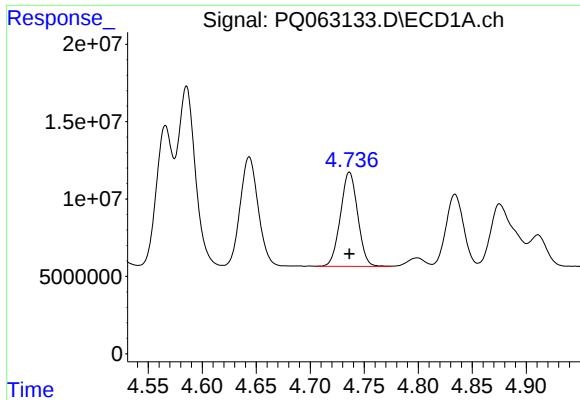
#18 AR-1242-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 81395533
Conc: 555.67 ng/ml



#18 AR-1242-3

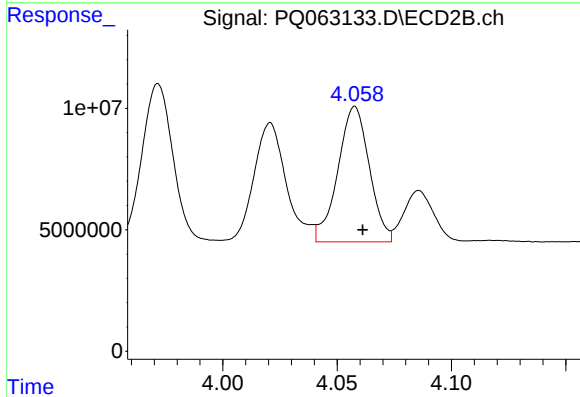
R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 61265810
Conc: 567.65 ng/ml



#19 AR-1242-4

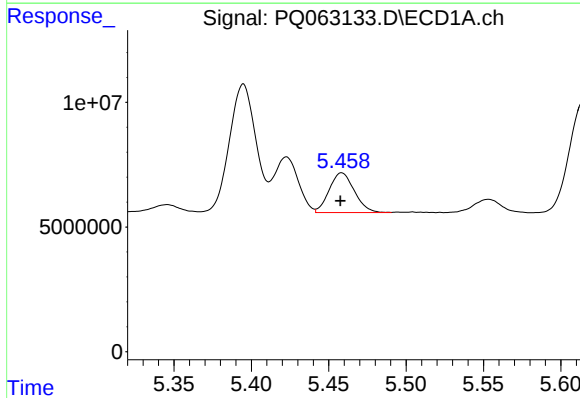
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 67597390
Conc: 546.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



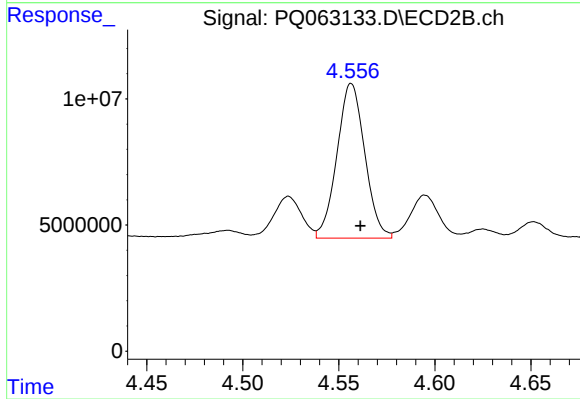
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 53529795
Conc: 537.29 ng/ml



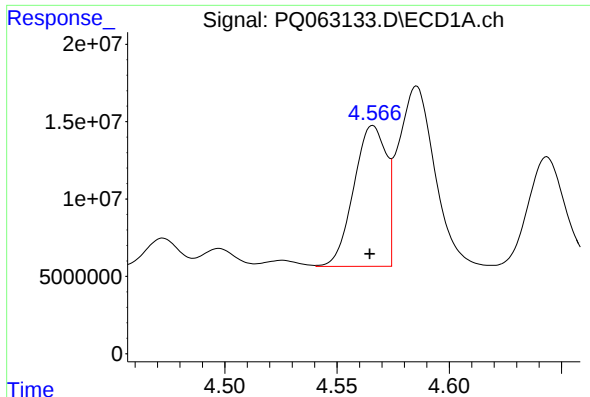
#20 AR-1242-5

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 18016912
Conc: 136.33 ng/ml



#20 AR-1242-5

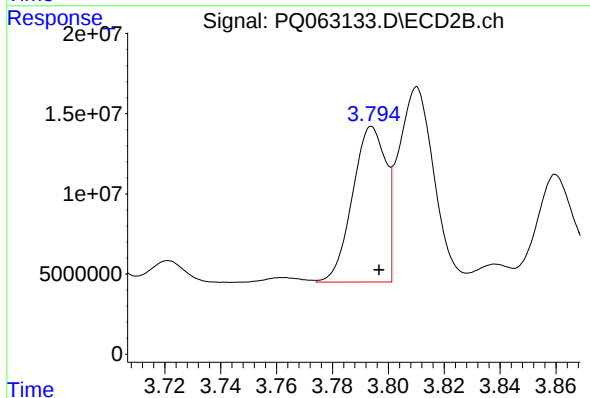
R.T.: 4.556 min
Delta R.T.: -0.005 min
Response: 61561349
Conc: 455.32 ng/ml



#21 AR-1248-1

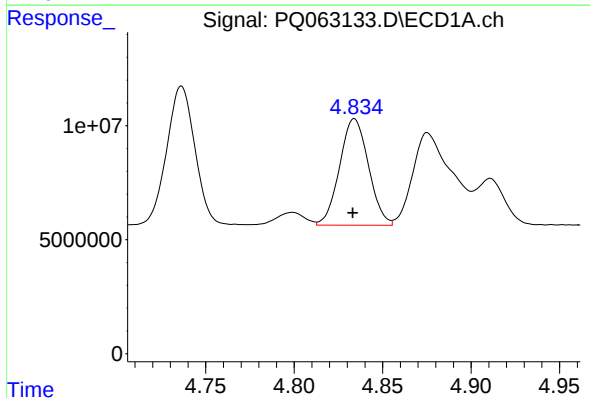
R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 91577740
Conc: 687.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



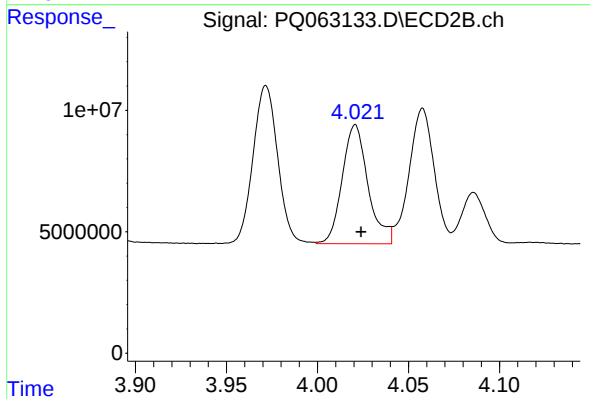
#21 AR-1248-1

R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 80268265
Conc: 718.55 ng/ml



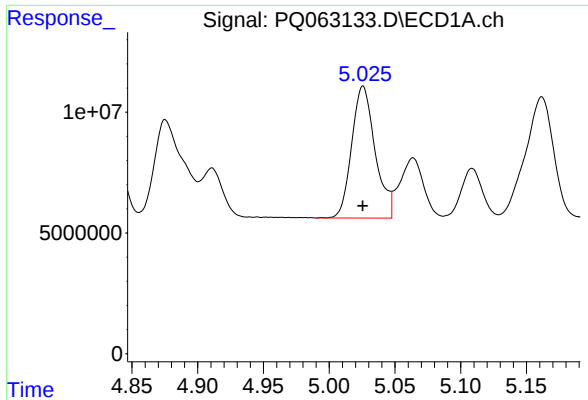
#22 AR-1248-2

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 52995423
Conc: 303.26 ng/ml



#22 AR-1248-2

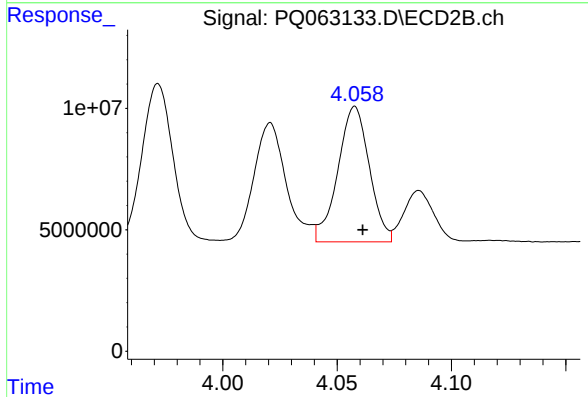
R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 48362160
Conc: 306.25 ng/ml



#23 AR-1248-3

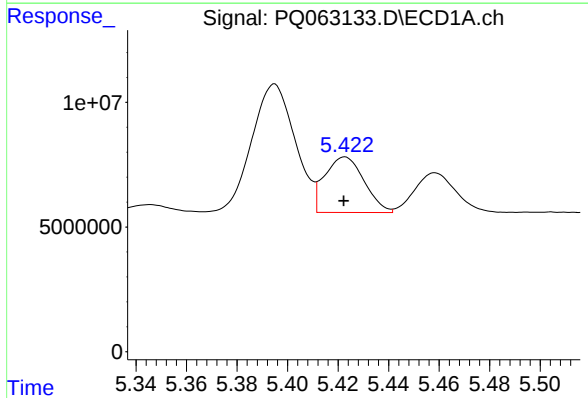
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 67758920
Conc: 320.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



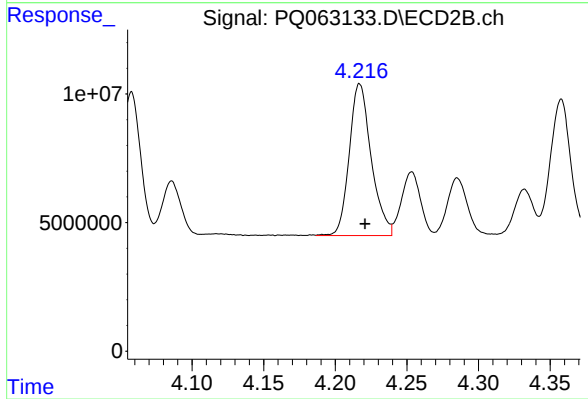
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 53529795
Conc: 351.02 ng/ml



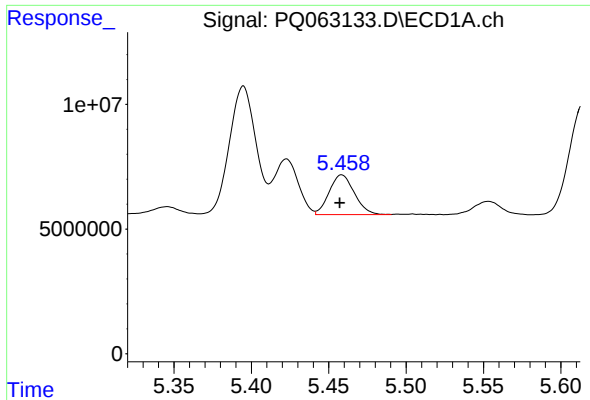
#24 AR-1248-4

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 24158394
Conc: 101.39 ng/ml



#24 AR-1248-4

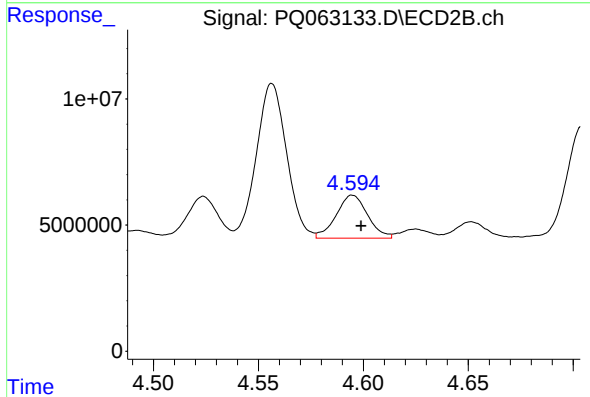
R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 63017604
Conc: 331.39 ng/ml



#25 AR-1248-5

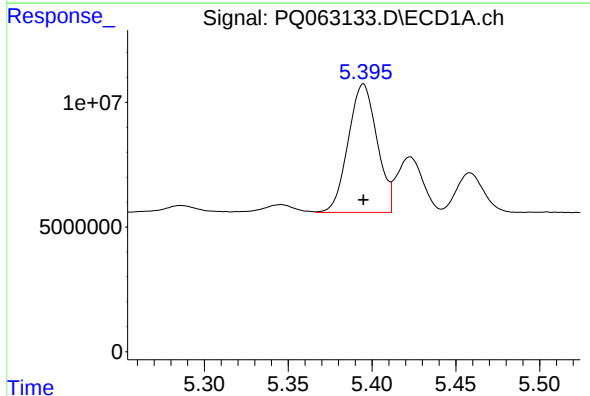
R.T.: 5.458 min
Delta R.T.: 0.001 min
Response: 18016912
Conc: 77.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



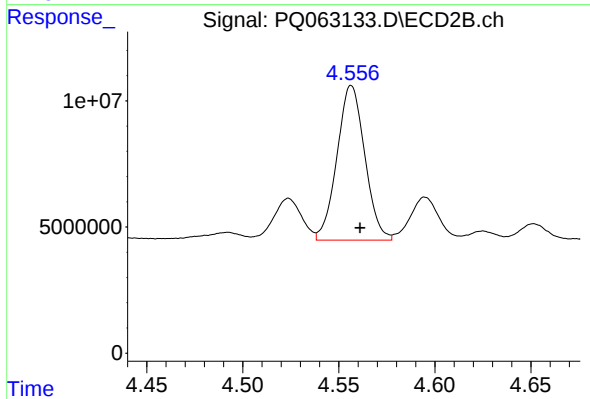
#25 AR-1248-5

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 17750632
Conc: 91.78 ng/ml



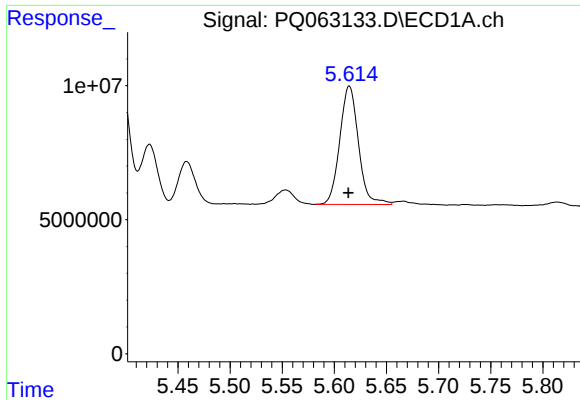
#26 AR-1254-1

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 61479920
Conc: 280.72 ng/ml



#26 AR-1254-1

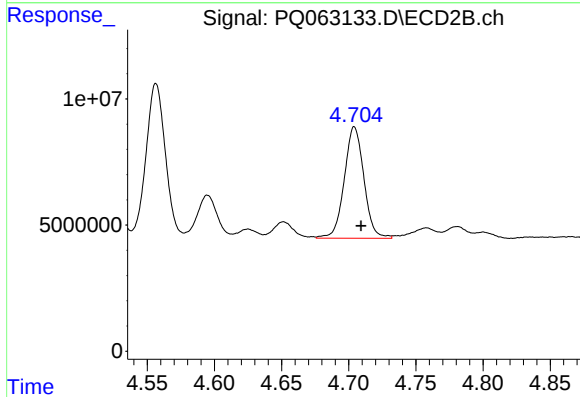
R.T.: 4.556 min
Delta R.T.: -0.005 min
Response: 61561349
Conc: 229.44 ng/ml



#27 AR-1254-2

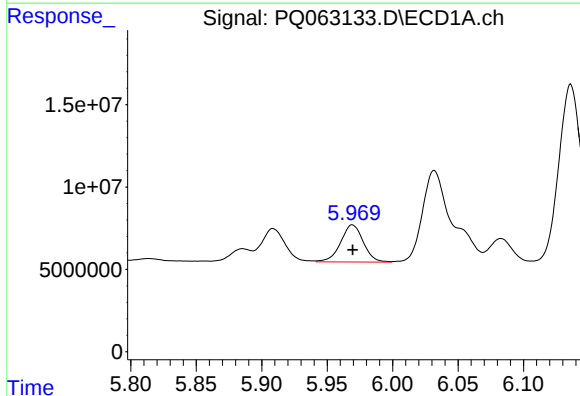
R.T.: 5.614 min
Delta R.T.: 0.001 min
Response: 55155071
Conc: 162.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



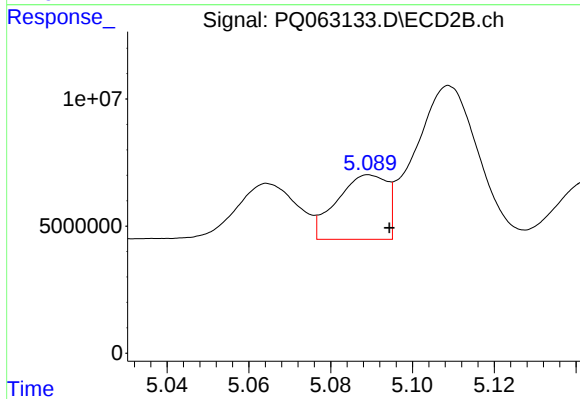
#27 AR-1254-2

R.T.: 4.704 min
Delta R.T.: -0.005 min
Response: 44918115
Conc: 191.37 ng/ml



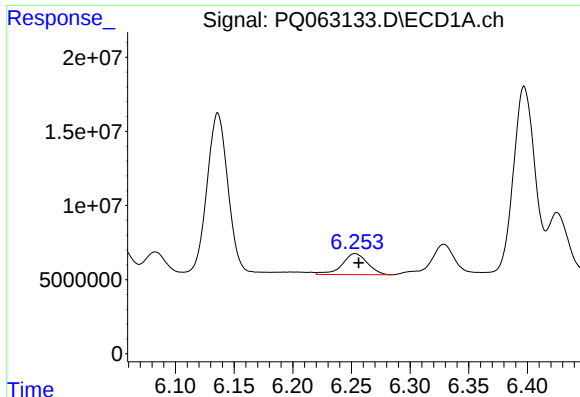
#28 AR-1254-3

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 27177770
Conc: 75.81 ng/ml



#28 AR-1254-3

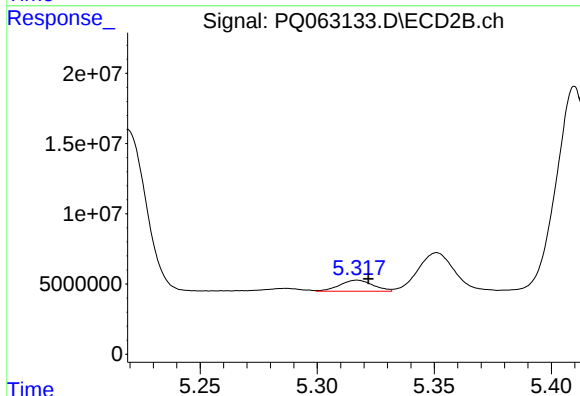
R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 21567450
Conc: 57.03 ng/ml



#29 AR-1254-4

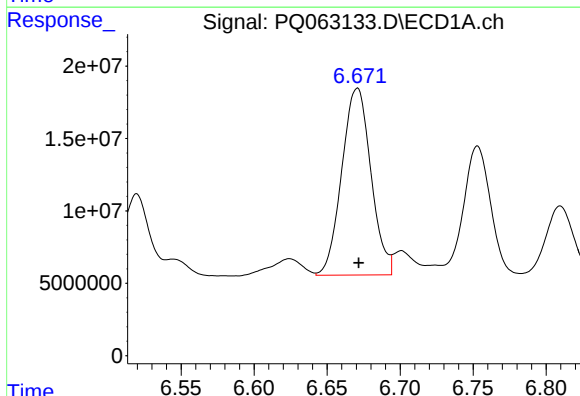
R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 21339330
Conc: 78.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



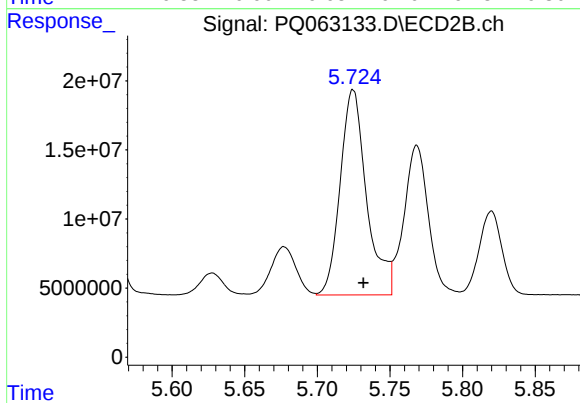
#29 AR-1254-4

R.T.: 5.317 min
Delta R.T.: -0.005 min
Response: 7891796
Conc: 32.30 ng/ml



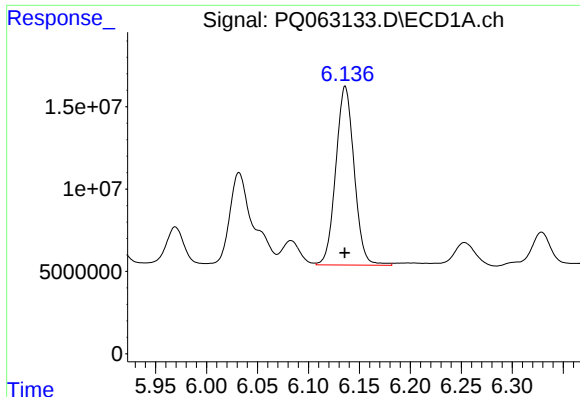
#30 AR-1254-5

R.T.: 6.671 min
Delta R.T.: -0.001 min
Response: 179475799
Conc: 649.26 ng/ml



#30 AR-1254-5

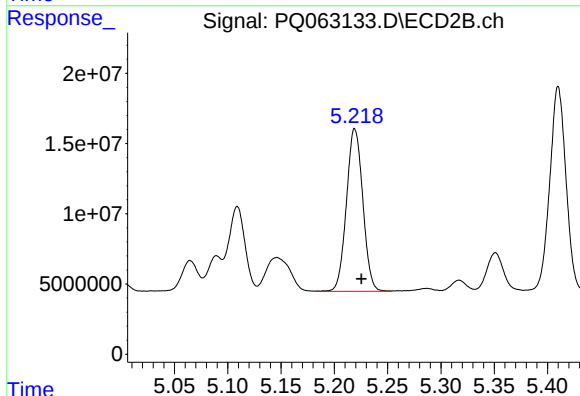
R.T.: 5.725 min
Delta R.T.: -0.007 min
Response: 187931278
Conc: 544.52 ng/ml



#31 AR-1260-1

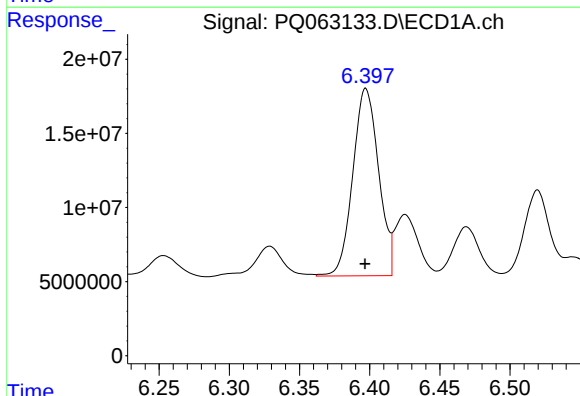
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 136421868
Conc: 533.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



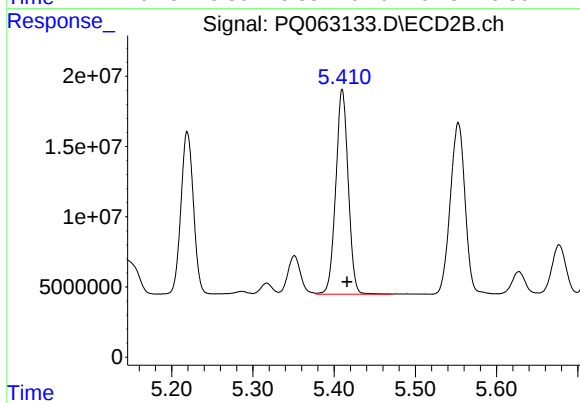
#31 AR-1260-1

R.T.: 5.219 min
Delta R.T.: -0.006 min
Response: 123908690
Conc: 496.47 ng/ml



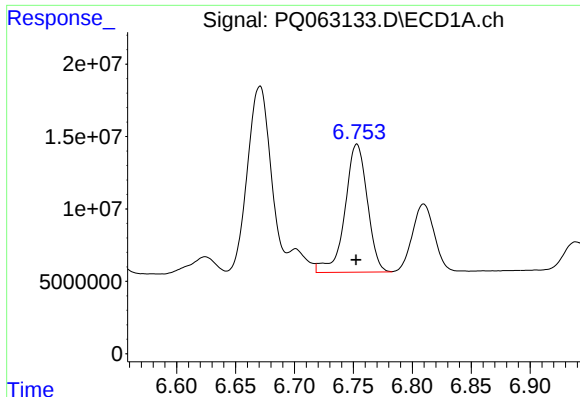
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 161716154
Conc: 532.82 ng/ml



#32 AR-1260-2

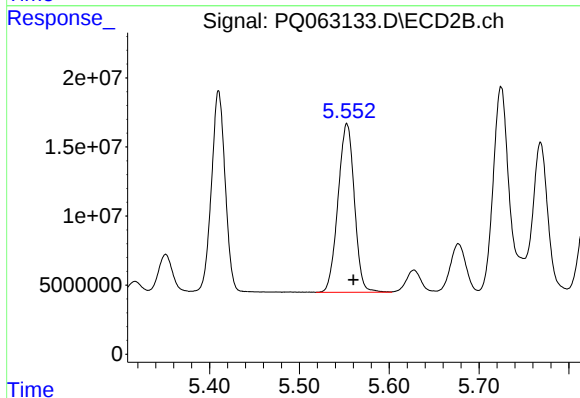
R.T.: 5.410 min
Delta R.T.: -0.006 min
Response: 155463527
Conc: 504.79 ng/ml



#33 AR-1260-3

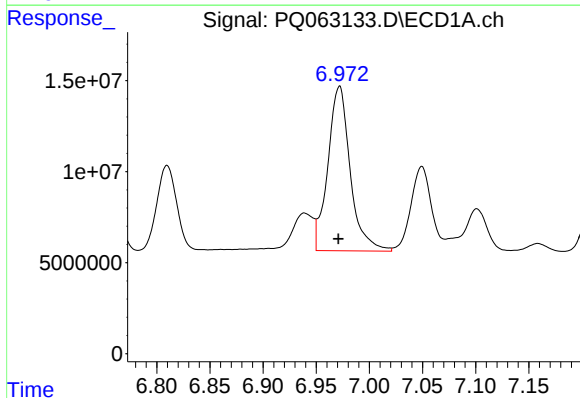
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 117062568
Conc: 555.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



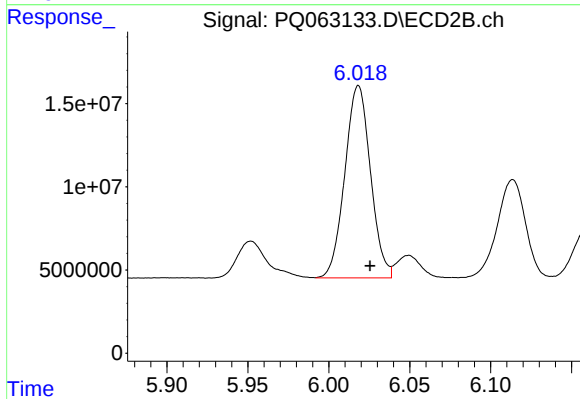
#33 AR-1260-3

R.T.: 5.553 min
Delta R.T.: -0.007 min
Response: 154158478
Conc: 497.49 ng/ml



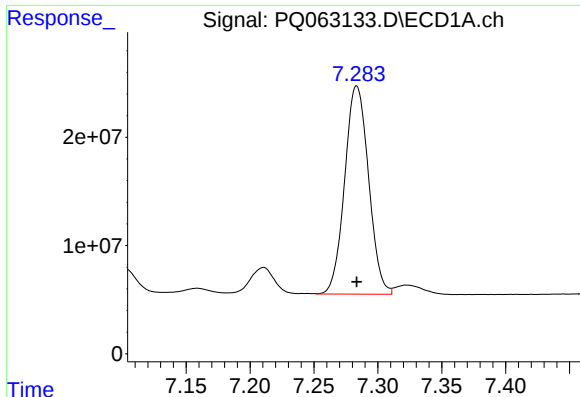
#34 AR-1260-4

R.T.: 6.972 min
Delta R.T.: 0.001 min
Response: 132587314
Conc: 553.24 ng/ml



#34 AR-1260-4

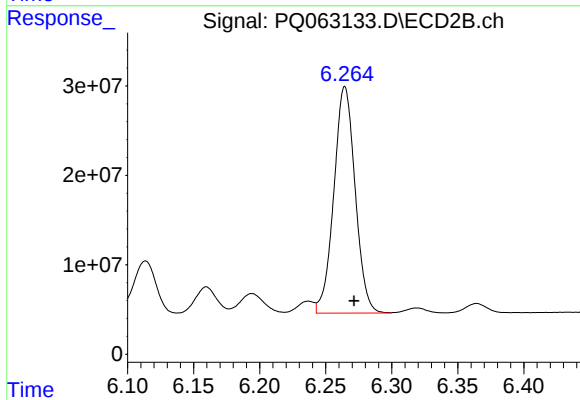
R.T.: 6.018 min
Delta R.T.: -0.007 min
Response: 127469507
Conc: 519.83 ng/ml



#35 AR-1260-5

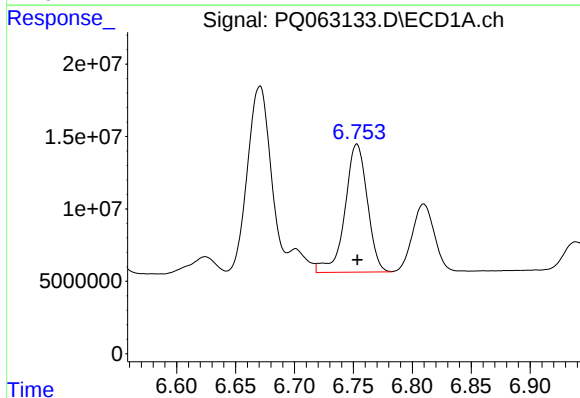
R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 250585111
Conc: 534.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



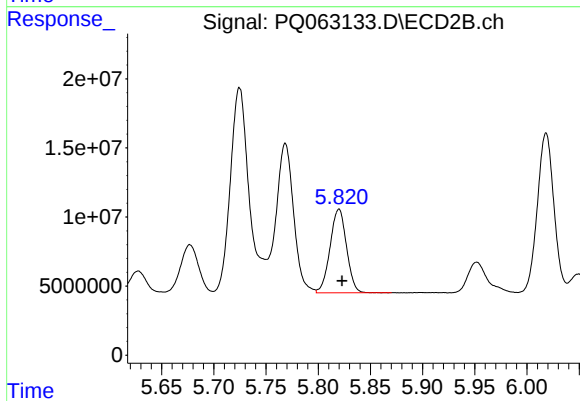
#35 AR-1260-5

R.T.: 6.265 min
Delta R.T.: -0.007 min
Response: 284296203
Conc: 520.19 ng/ml



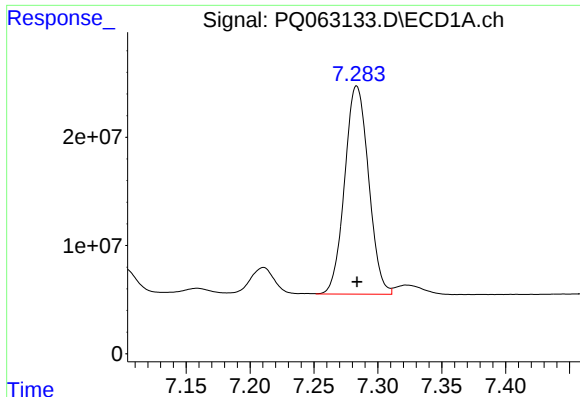
#36 AR-1262-1

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 117062568
Conc: 362.48 ng/ml



#36 AR-1262-1

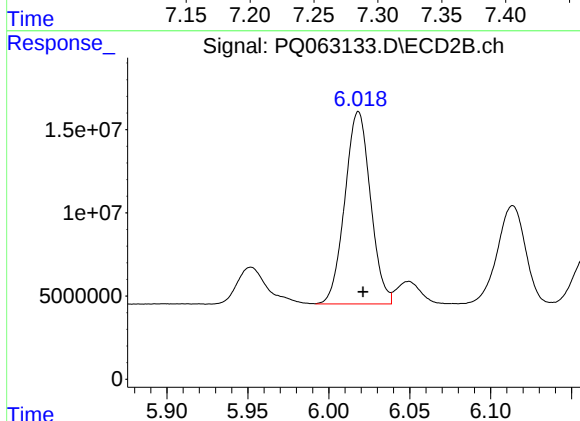
R.T.: 5.820 min
Delta R.T.: -0.003 min
Response: 66277432
Conc: 464.18 ng/ml



#37 AR-1262-2

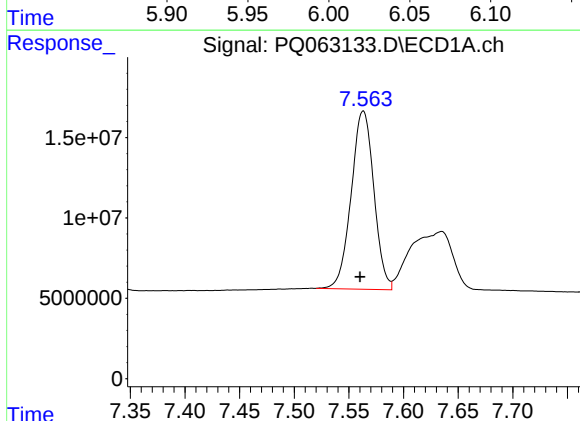
R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 250585111
Conc: 461.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



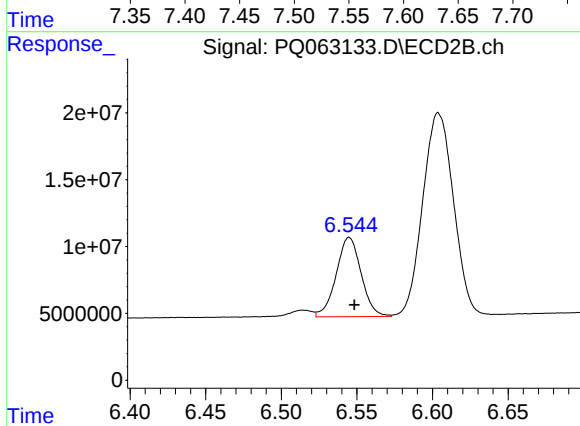
#37 AR-1262-2

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 127469507
Conc: 407.91 ng/ml



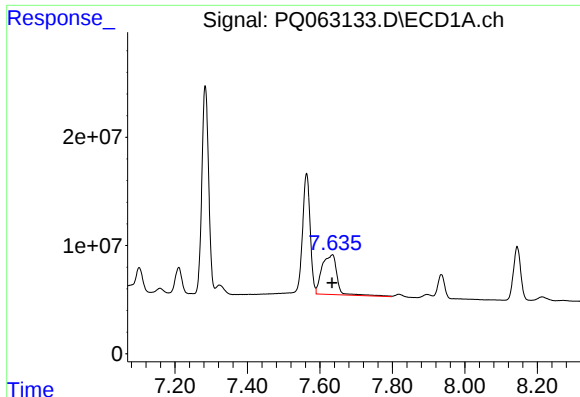
#38 AR-1262-3

R.T.: 7.563 min
Delta R.T.: 0.003 min
Response: 160119382
Conc: 443.28 ng/ml



#38 AR-1262-3

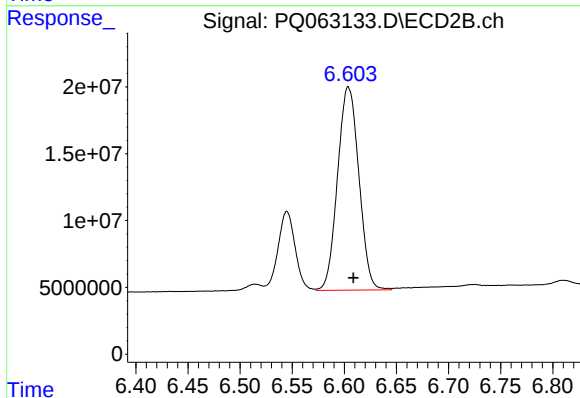
R.T.: 6.545 min
Delta R.T.: -0.003 min
Response: 68427958
Conc: 271.44 ng/ml



#39 AR-1262-4

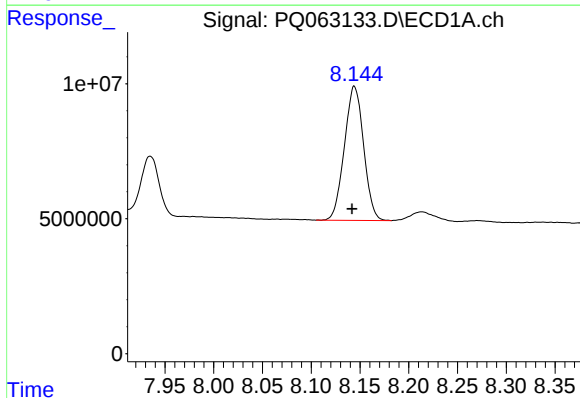
R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 106145196
Conc: 378.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



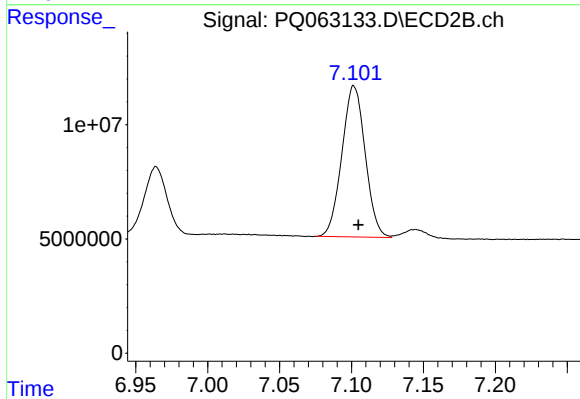
#39 AR-1262-4

R.T.: 6.604 min
Delta R.T.: -0.005 min
Response: 216924254
Conc: 464.00 ng/ml



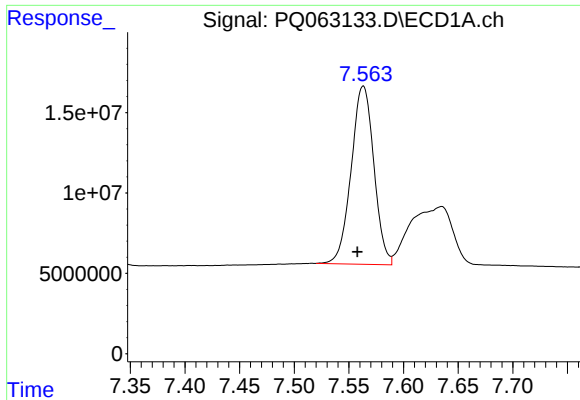
#40 AR-1262-5

R.T.: 8.144 min
Delta R.T.: 0.002 min
Response: 68194054
Conc: 362.82 ng/ml



#40 AR-1262-5

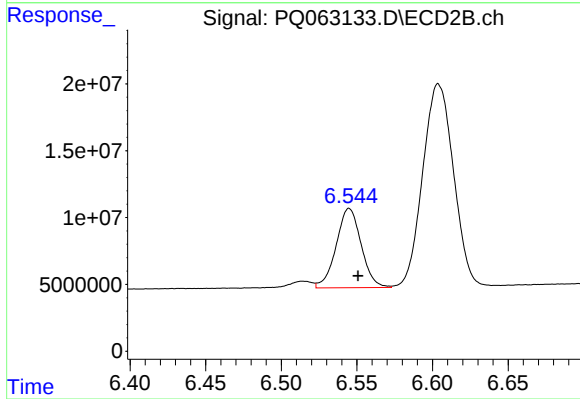
R.T.: 7.102 min
Delta R.T.: -0.003 min
Response: 74906091
Conc: 340.90 ng/ml



#41 AR-1268-1

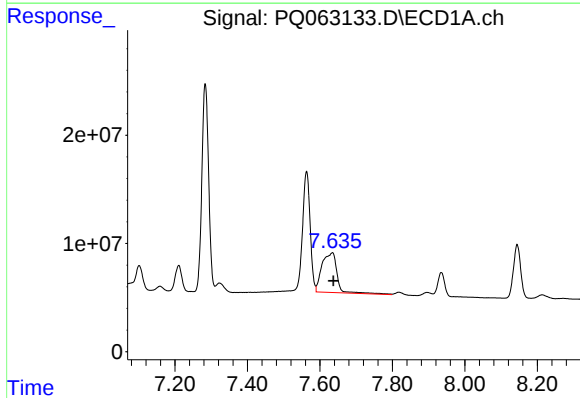
R.T.: 7.563 min
Delta R.T.: 0.005 min
Response: 160119382
Conc: 247.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



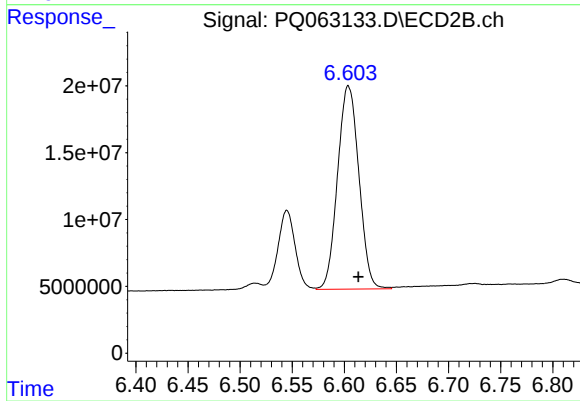
#41 AR-1268-1

R.T.: 6.545 min
Delta R.T.: -0.006 min
Response: 68427958
Conc: 91.69 ng/ml



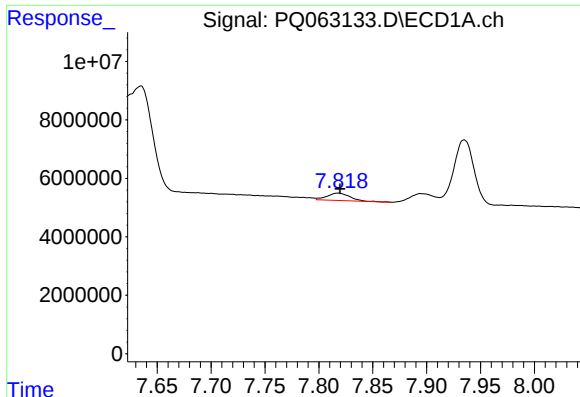
#42 AR-1268-2

R.T.: 7.635 min
Delta R.T.: -0.002 min
Response: 106145196
Conc: 177.00 ng/ml



#42 AR-1268-2

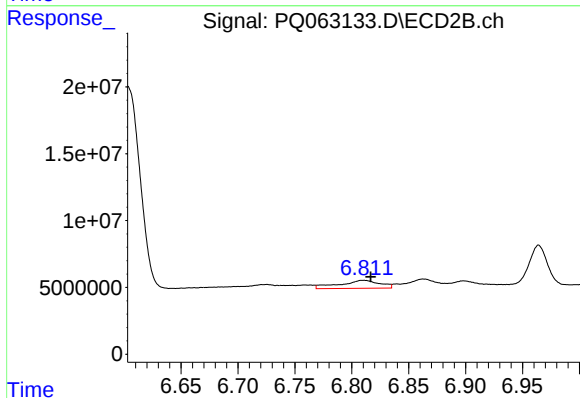
R.T.: 6.604 min
Delta R.T.: -0.010 min
Response: 216924254
Conc: 315.92 ng/ml



#43 AR-1268-3

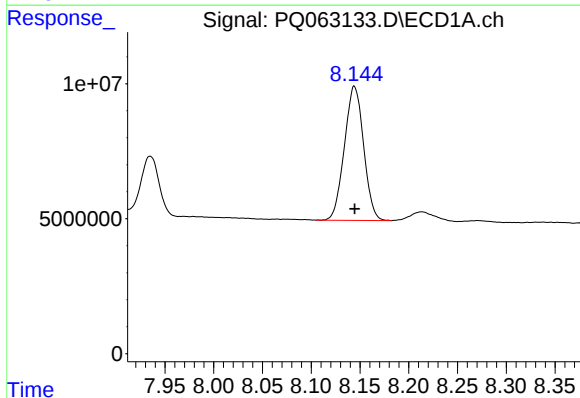
R.T.: 7.818 min
Delta R.T.: -0.002 min
Response: 3706691
Conc: 7.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



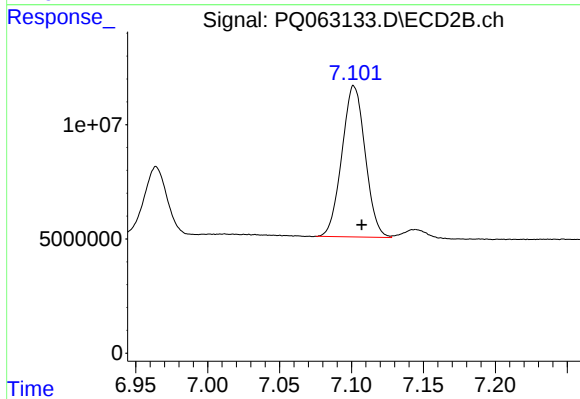
#43 AR-1268-3

R.T.: 6.810 min
Delta R.T.: -0.006 min
Response: 14821044
Conc: 25.25 ng/ml



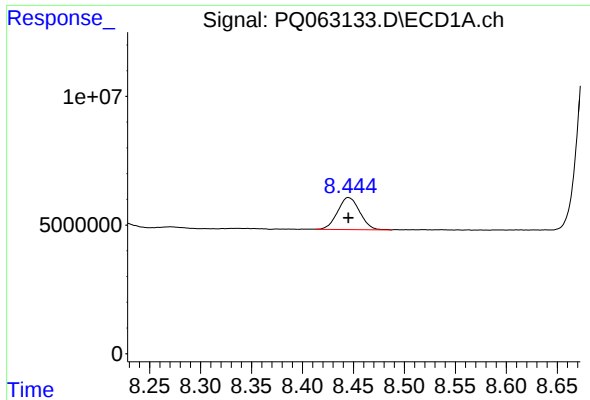
#44 AR-1268-4

R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 68194054
Conc: 317.87 ng/ml



#44 AR-1268-4

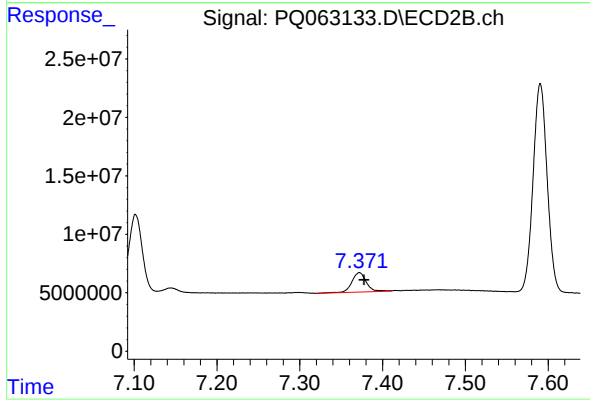
R.T.: 7.102 min
Delta R.T.: -0.005 min
Response: 74906091
Conc: 294.17 ng/ml



#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 18874718
Conc: 12.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.372 min
Delta R.T.: -0.006 min
Response: 20205816
Conc: 11.41 ng/ml