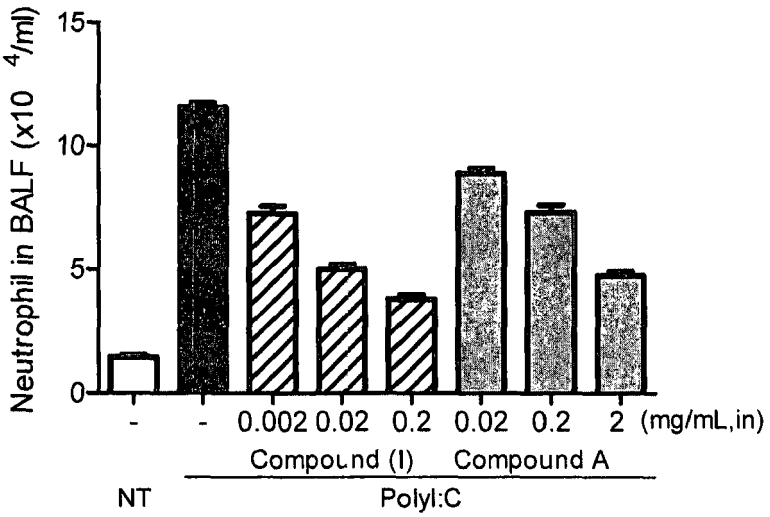
The effects of treatment with compound (I) or compoundA on poly-I:C-induced neutrophil accumulation in mouse airways.



NT: non treatment, in: intranasal

FIG. 1a

Comparison of the inhibitory potencies of compound (I) with compound A on poly-I:C-induced neutrophil accumulation in mouse airways

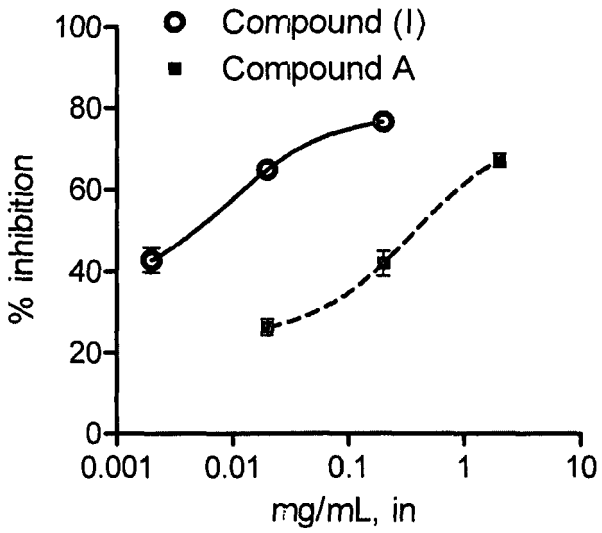


FIG. 1b

The effect of treatment with compound (I) or compound A on cigarette smoke-induced macrophage accumulation in murine BALF.

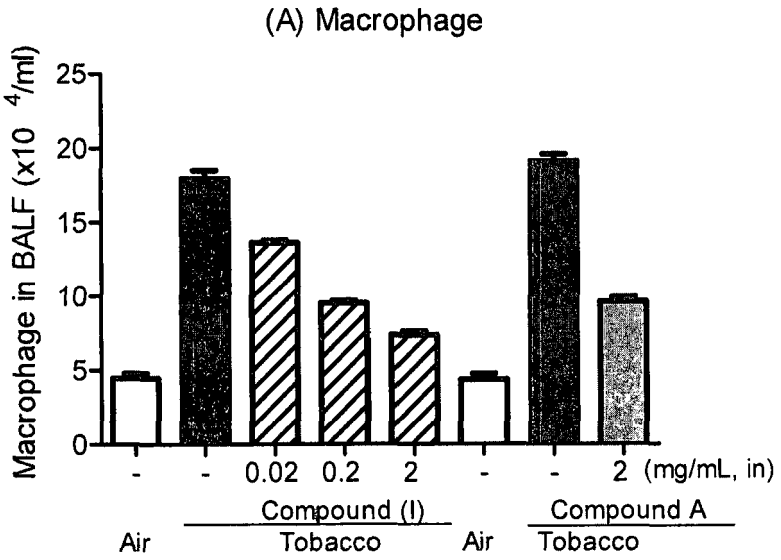


FIG. 2a

The effect of treatment with compound (I) or compound A on cigarette smoke-induced neutrophil accumulation in murine BALF.

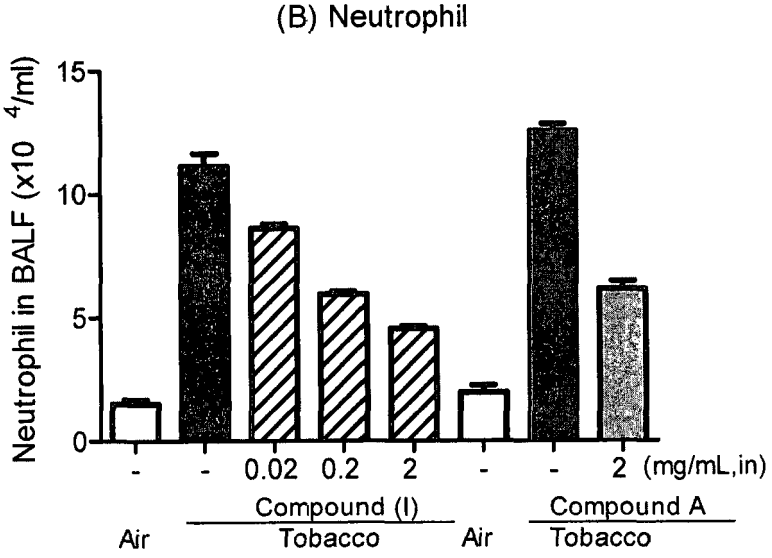


FIG. 2b

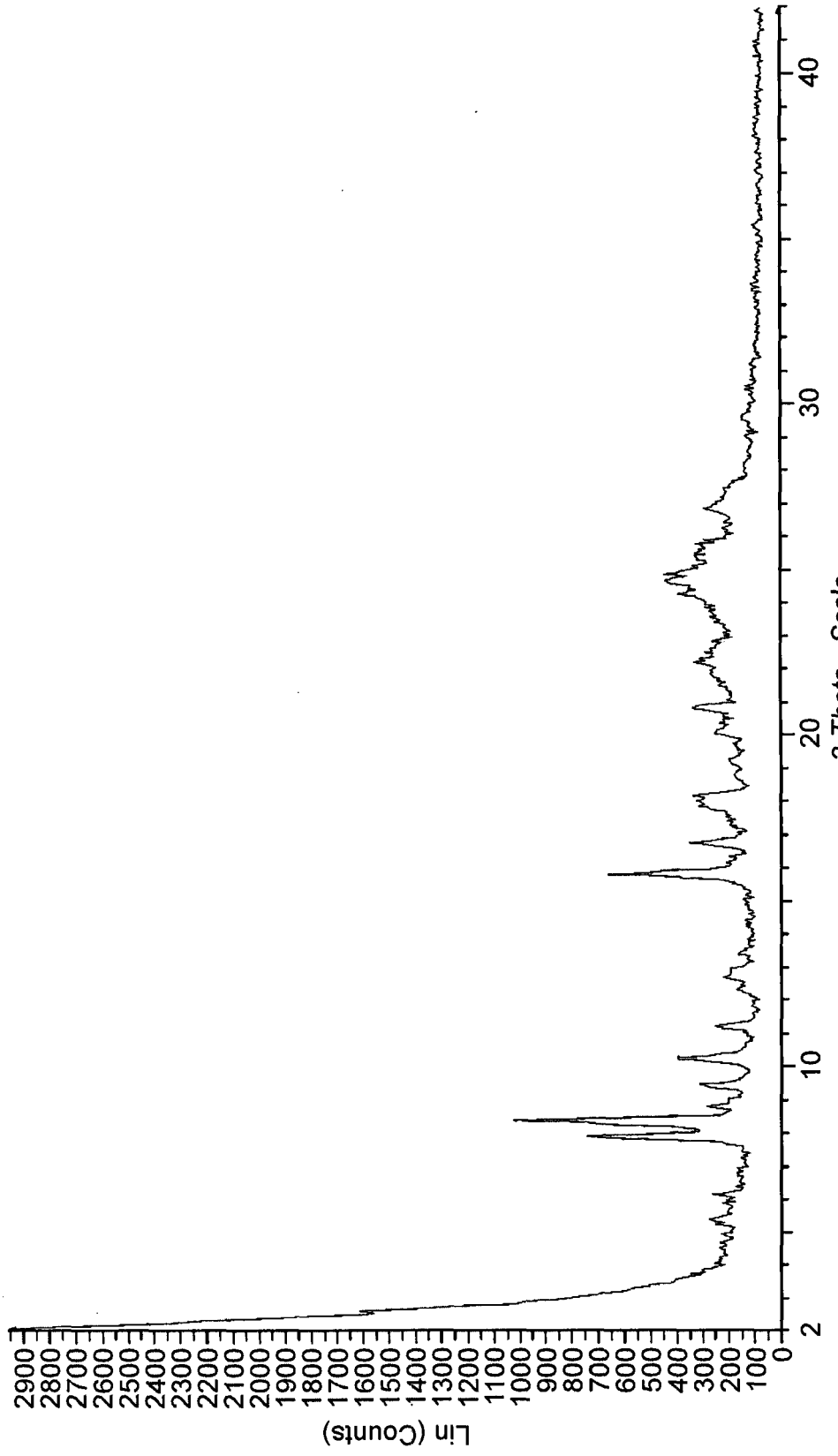

Lin (Counts)
2900
2800
2700
2600
2500
2400
2300
2200
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
2
10
20
30
40
2-Theta - Scale

FIG. 3

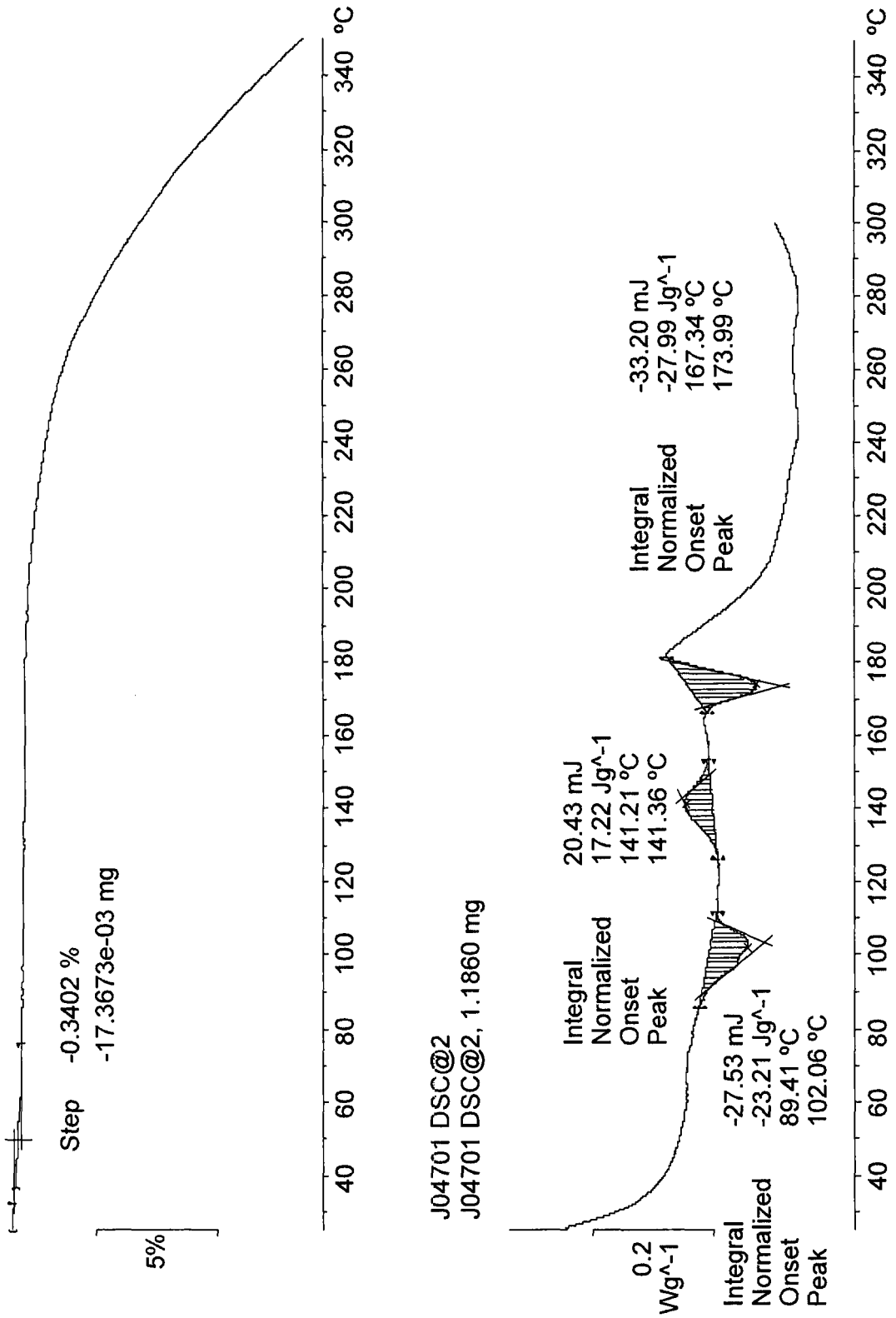

Step -0.3402 %
-17.3673e-03 mg
5%
40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 °C
J04701 DSC@2
J04701 DSC@2, 1.1860 mg
Integral 20.43 mJ
Normalized 17.22 Jg^-1
Onset 141.21 °C
Peak 141.36 °C
Integral -33.20 mJ
Normalized -27.99 Jg^-1
Onset 167.34 °C
Peak 173.99 °C
0.2
Wg^-1
Integral -27.53 mJ
Normalized -23.21 Jg^-1
Onset 89.41 °C
Peak 102.06 °C
40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 °C

FIG. 4

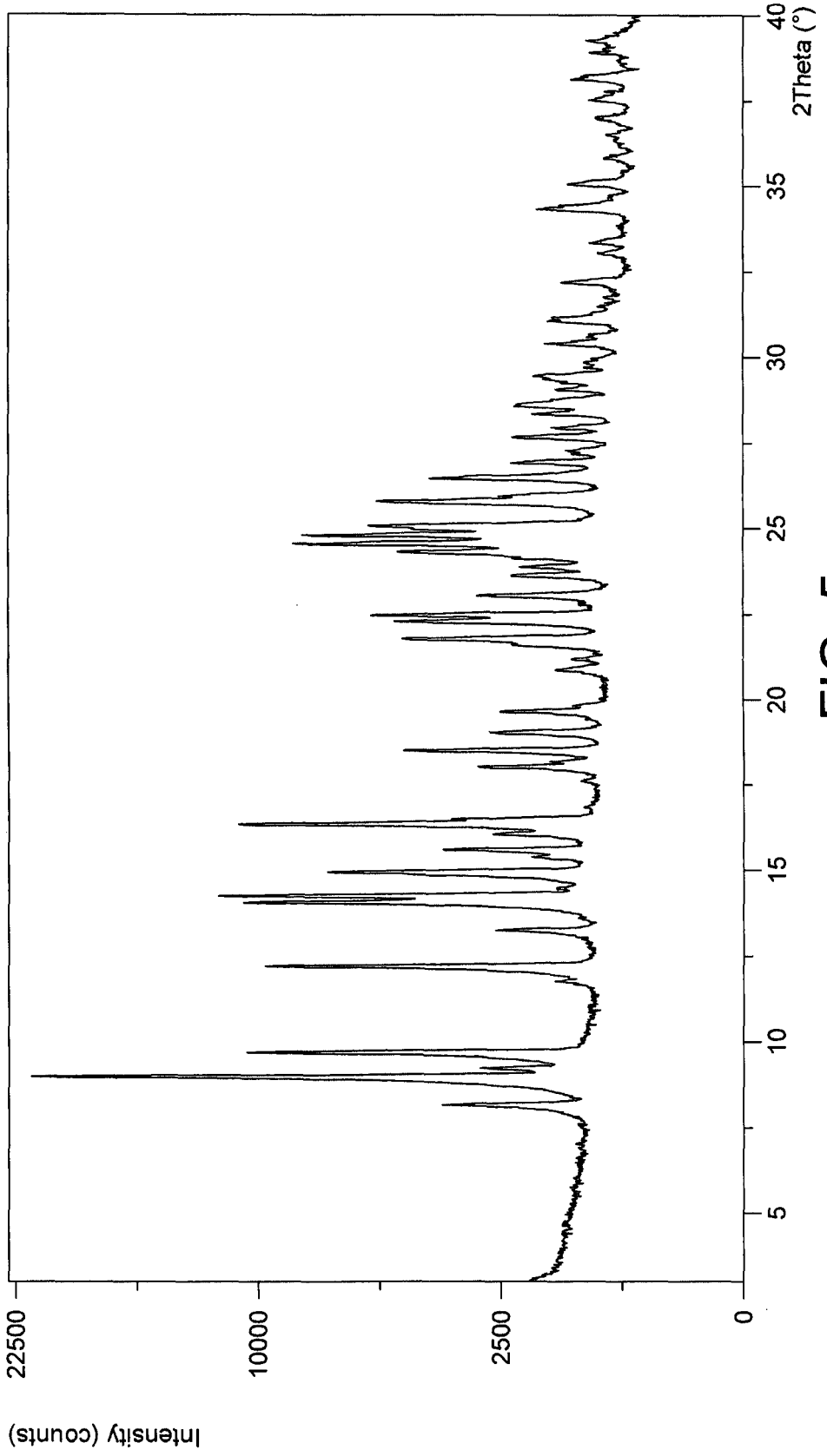

Intensity (counts)
22500
10000
2500
0
5
10
15
20
25
30
35
40
2Theta (°)

FIG. 5

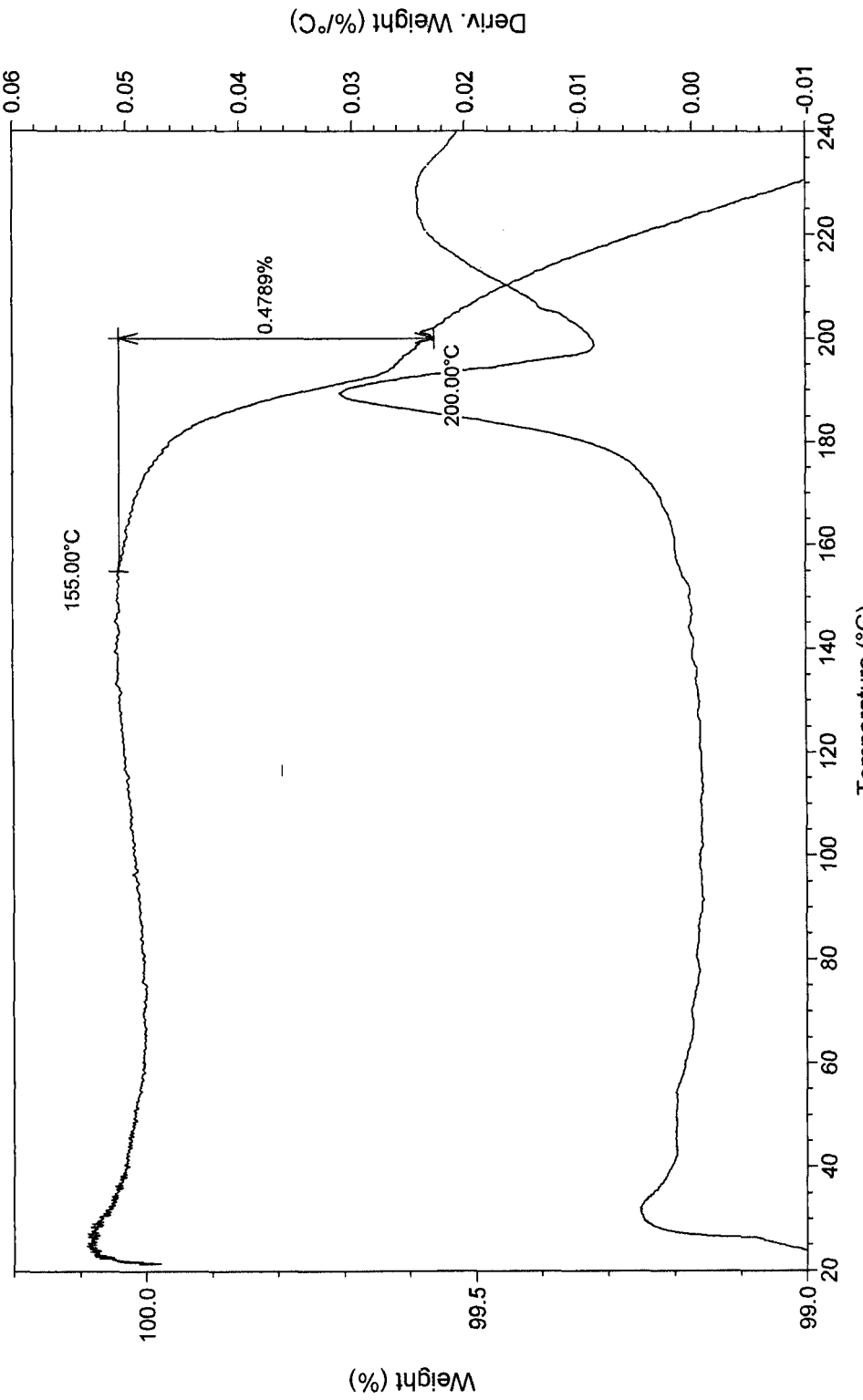

Deriv. Weight (%/°C)
0.06
0.05
0.04
0.03
0.02
0.01
0.00
-0.01
240
220
200
180
160
140
120
100
80
60
40
20
Temperature (°C)
0.4789%
200.00°C
155.00°C
100.0
99.5
99.0
Weight (%)

FIG. 6

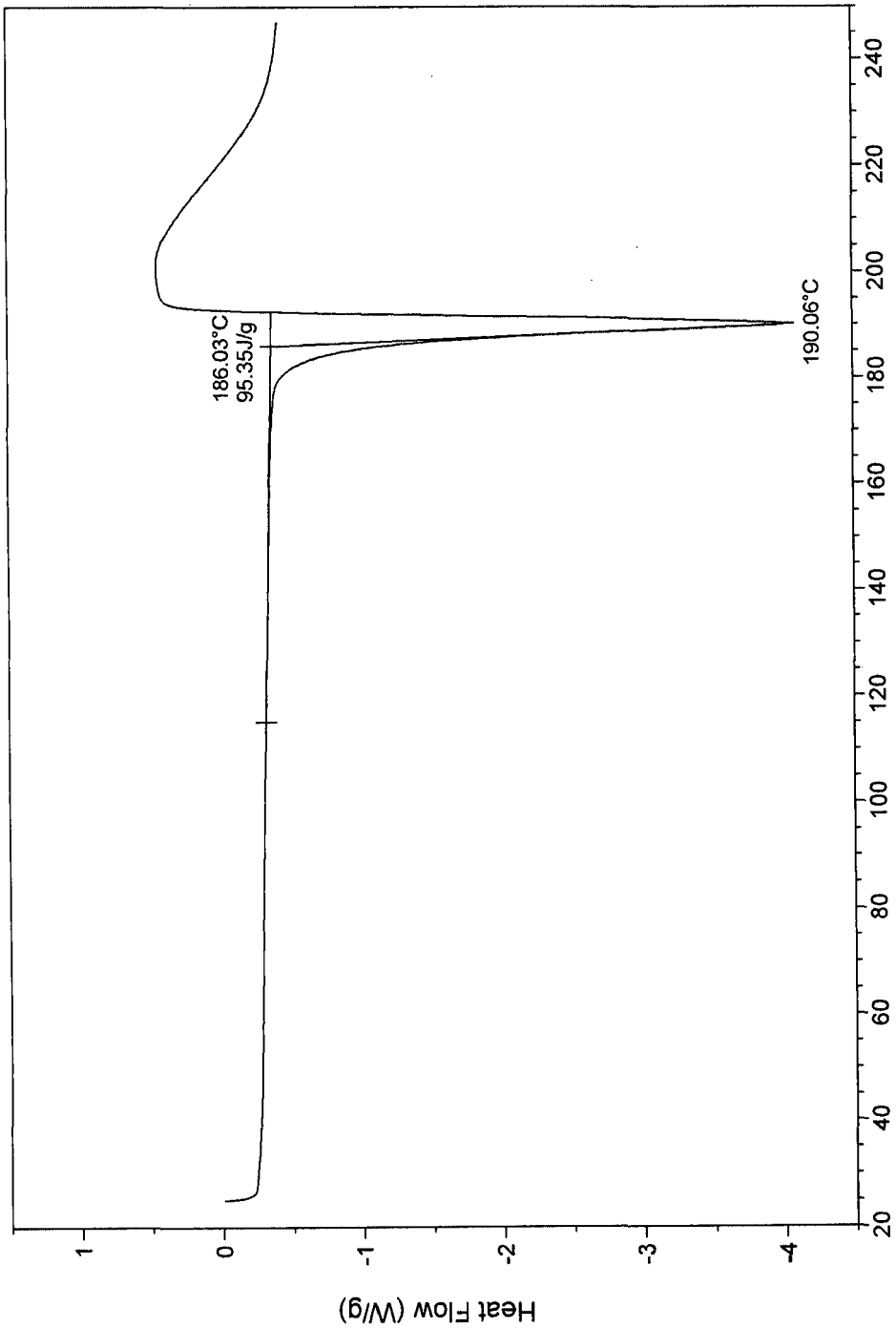

186.03°C
95.35J/g
190.06°C
Heat Flow (W/g)
Temperature (°C)
1
0
-1
-2
-3
-4
20
40
60
80
100
120
140
160
180
200
220
240

FIG. 7

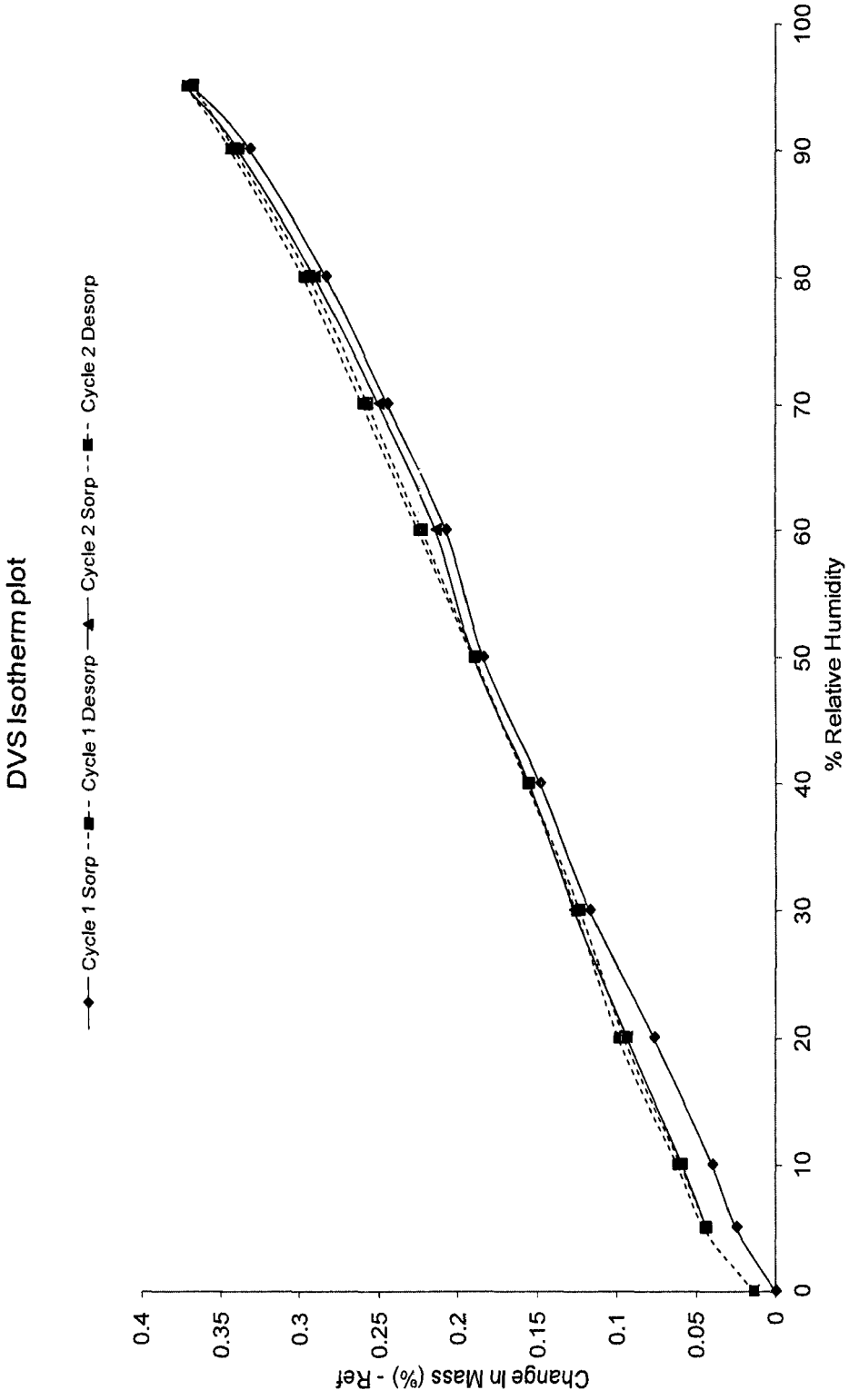

DVS Isotherm plot
Cycle 1 Sorp
Cycle 1 Desorp
Cycle 2 Sorp
Cycle 2 Desorp
Change In Mass (%) - Ref
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
% Relative Humidity
0
10
20
30
40
50
60
70
80
90
100

FIG. 8

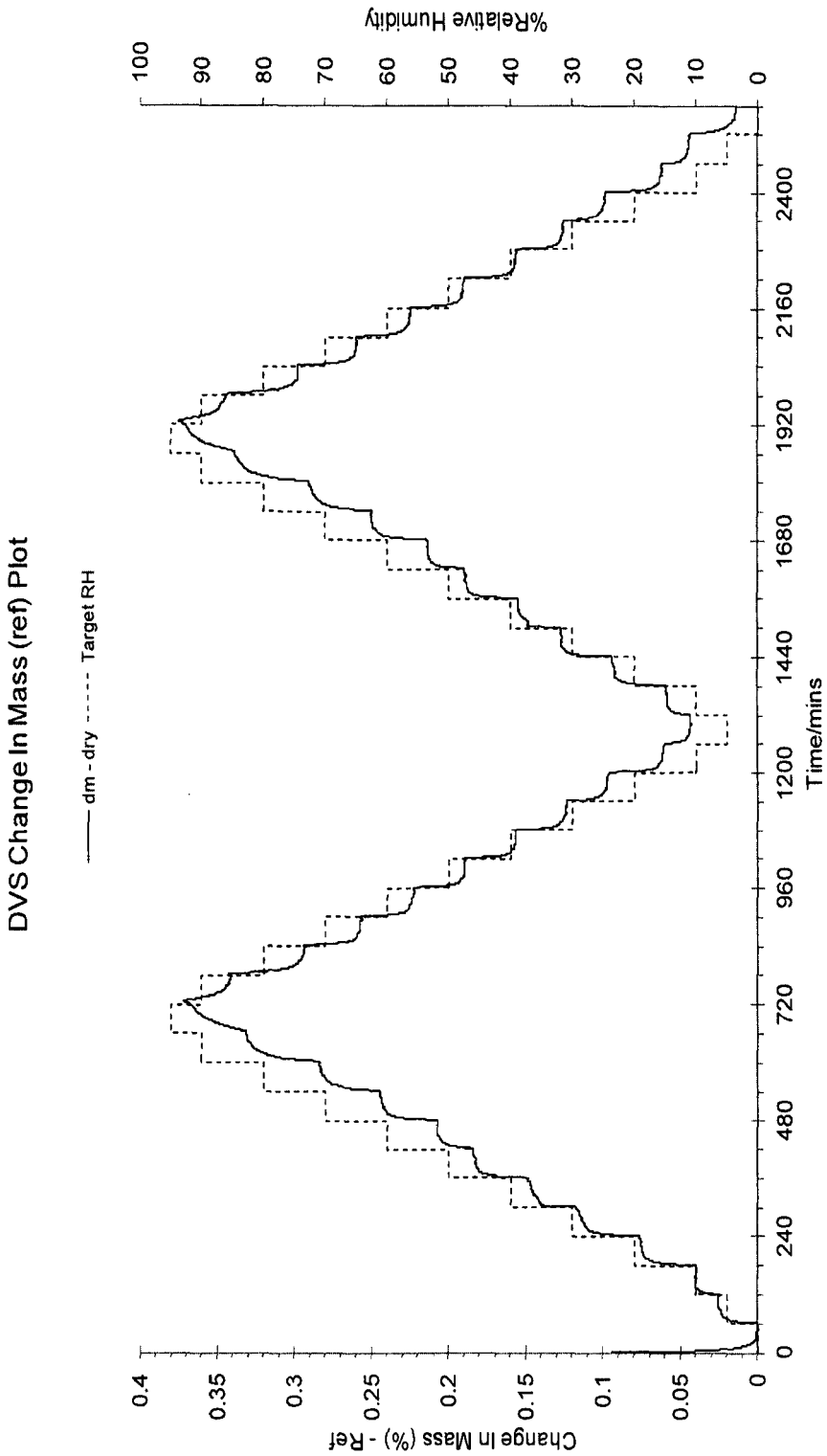

DVS Change In Mass (ref) Plot
dm - dry ----- Target RH
%Relative Humidity
100
90
80
70
60
50
40
30
20
10
0
Change In Mass (%) - Ref
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Time/mins
0
240
480
720
960
1200
1440
1680
1920
2160
2400

FIG. 9

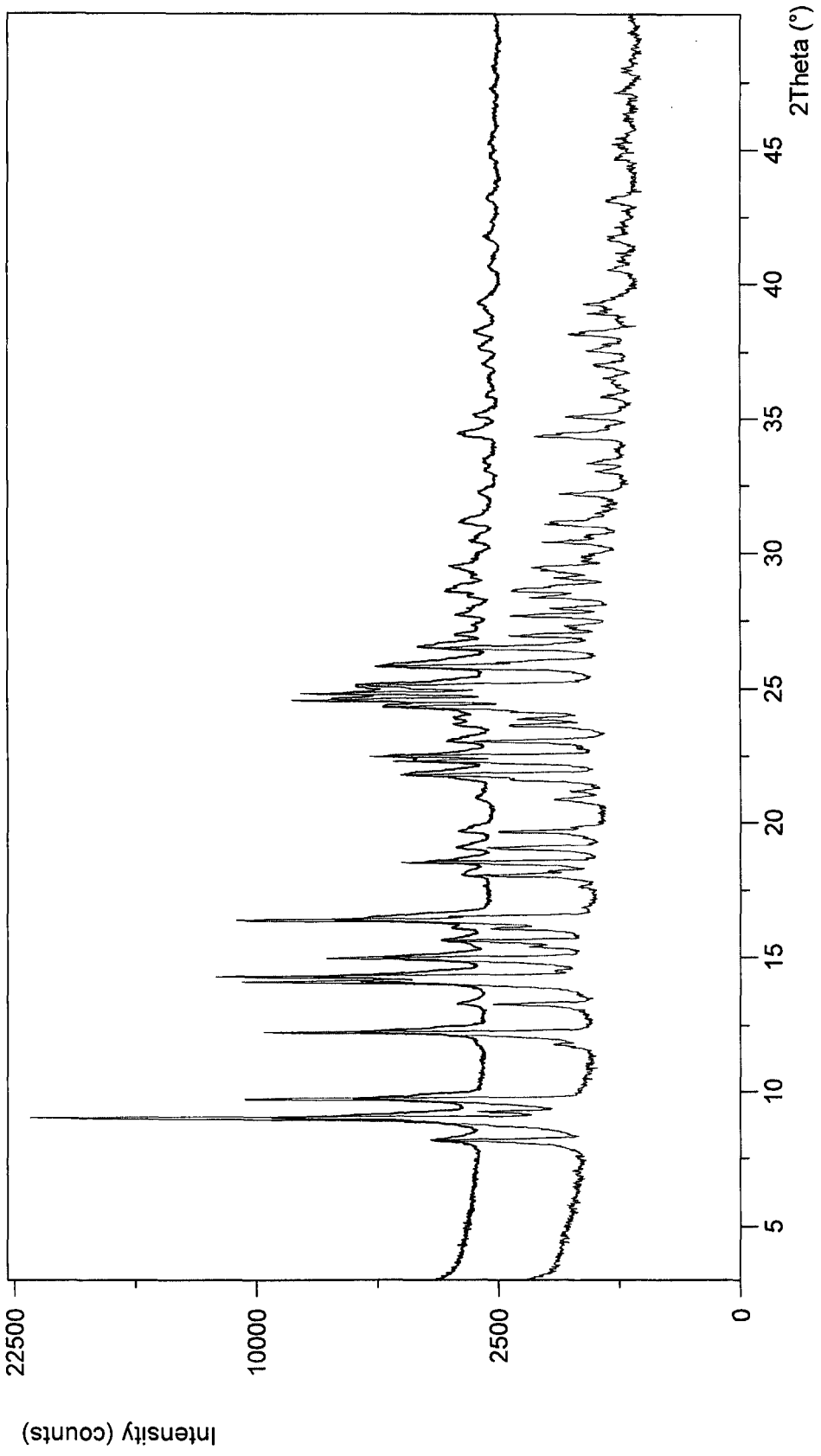

Intensity (counts)
22500
10000
2500
0
5
10
15
20
25
30
35
40
45
2Theta (°)

FIG. 10

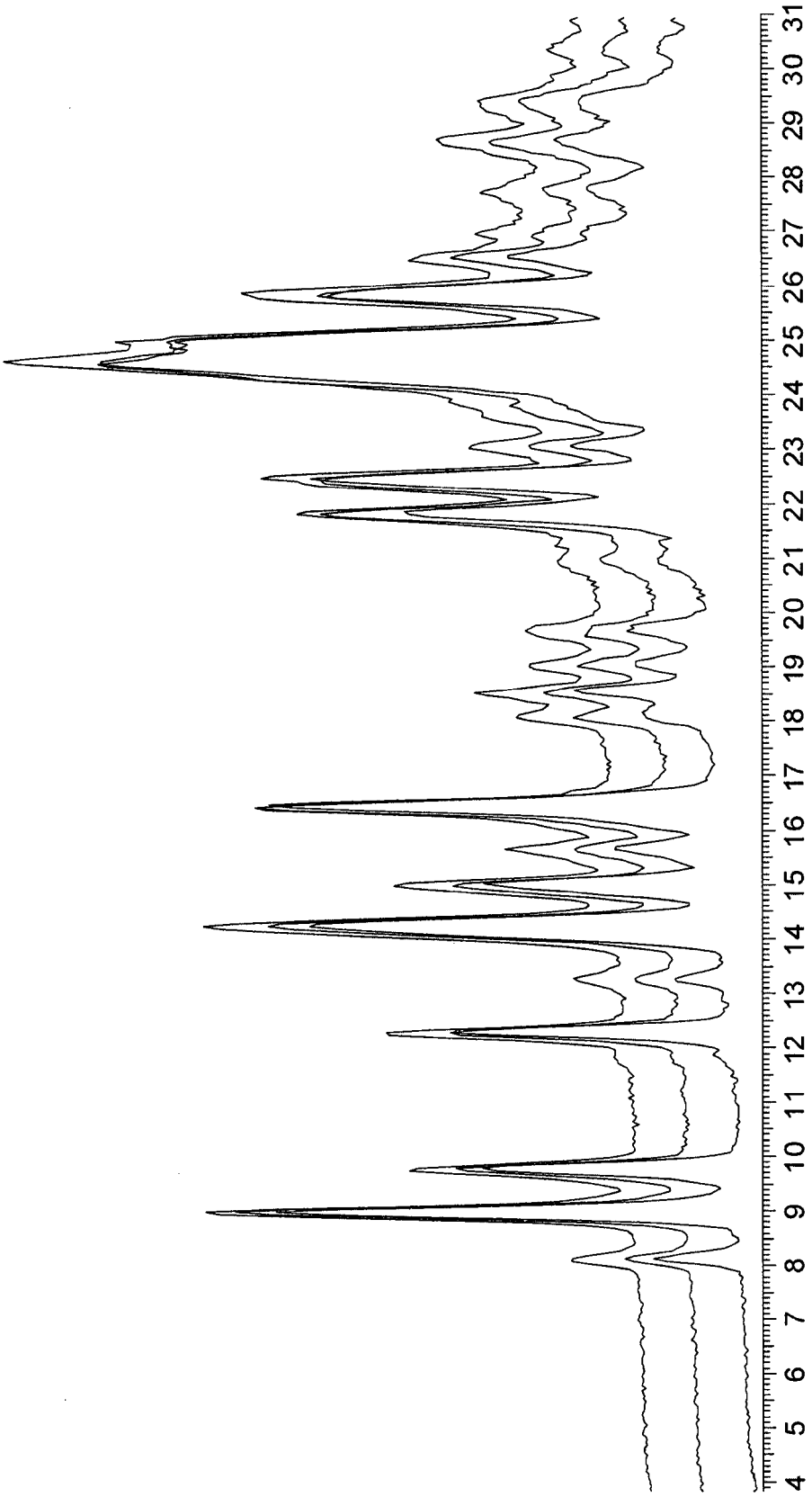

4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
2-Theta - Scale

FIG. 11

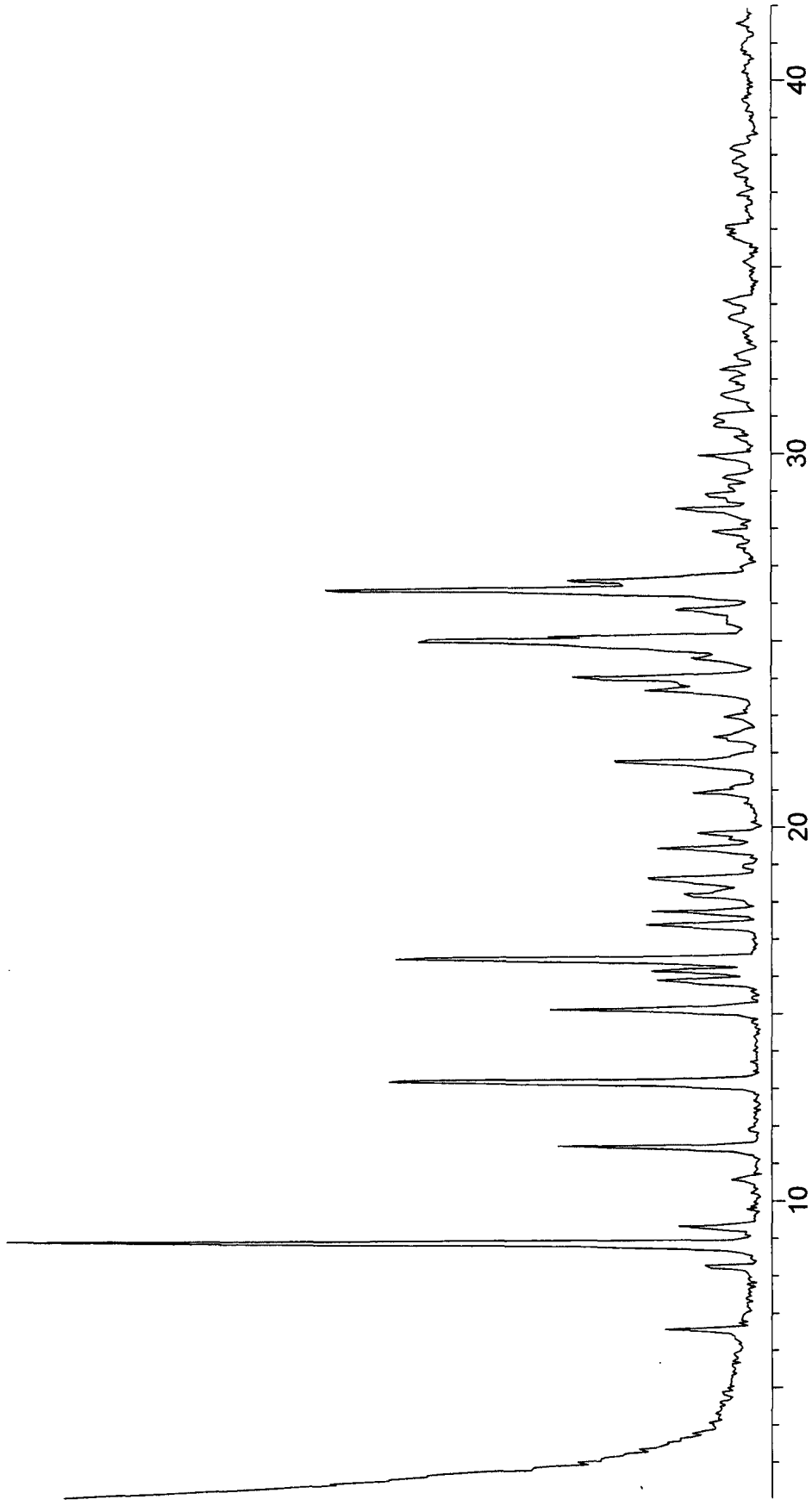


FIG 12

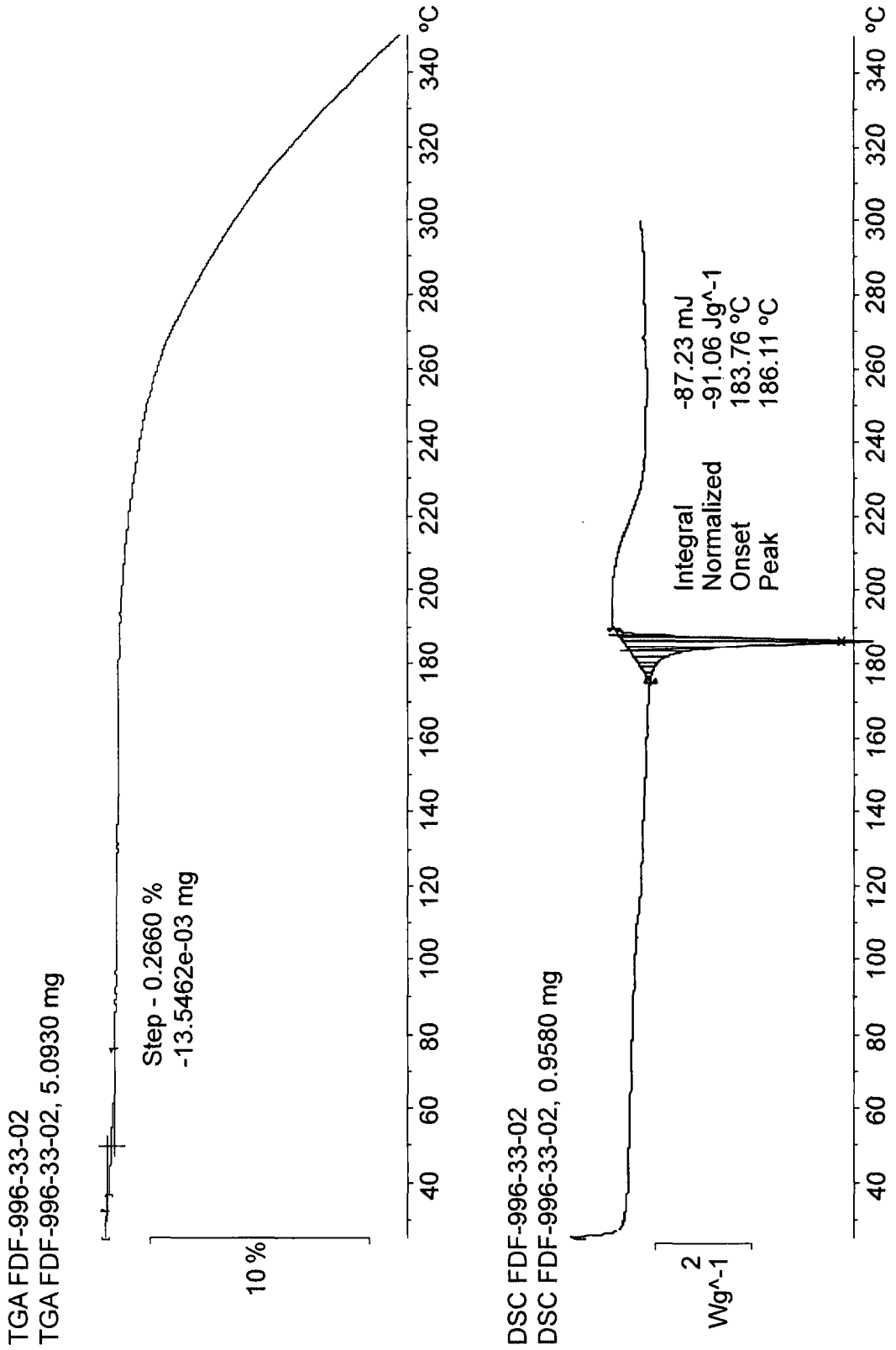

TGA FDF-996-33-02
TGA FDF-996-33-02, 5.0930 mg
Step - 0.2660 %
-13.5462e-03 mg
10 %
DSC FDF-996-33-02
DSC FDF-996-33-02, 0.9580 mg
Integral -87.23 mJ
Normalized -91.06 Jg^-1
Onset 183.76 °C
Peak 186.11 °C
2
Wg^-1
40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 °C

FIG. 13

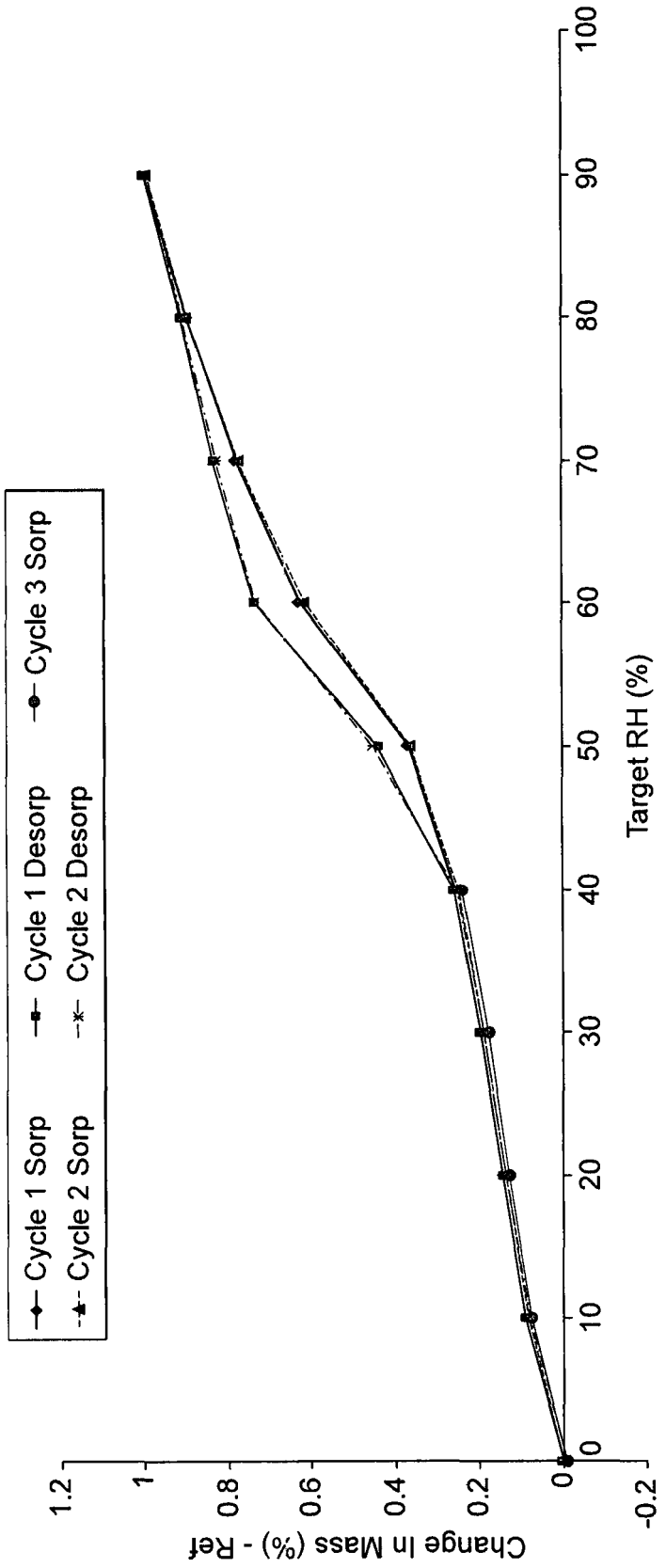

Cycle 1 Sorp
Cycle 1 Desorp
Cycle 3 Sorp
Cycle 2 Sorp
Cycle 2 Desorp
Change In Mass (%) - Ref
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
0
10
20
30
40
50
60
70
80
90
100
Target RH (%)

FIG. 14

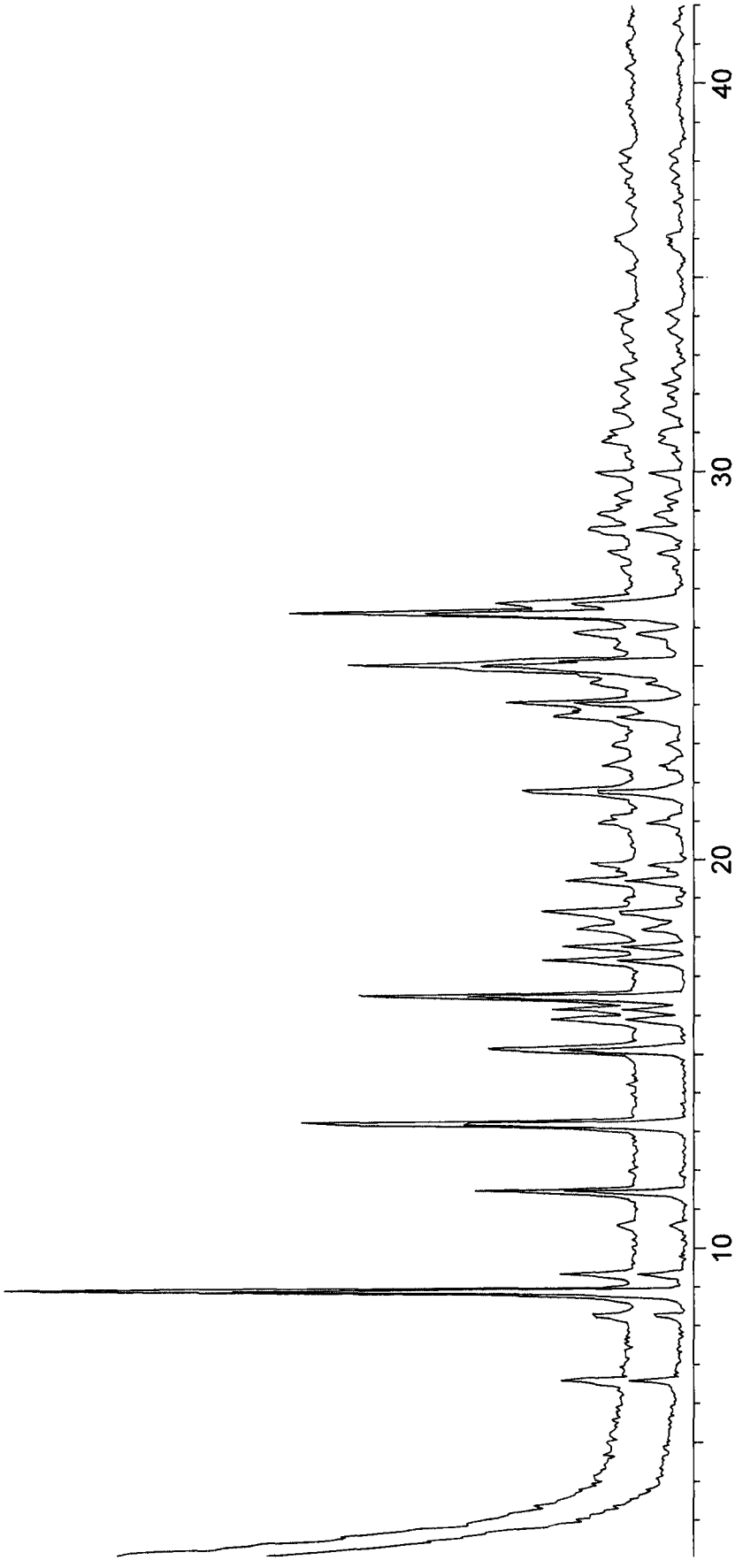


FIG. 15

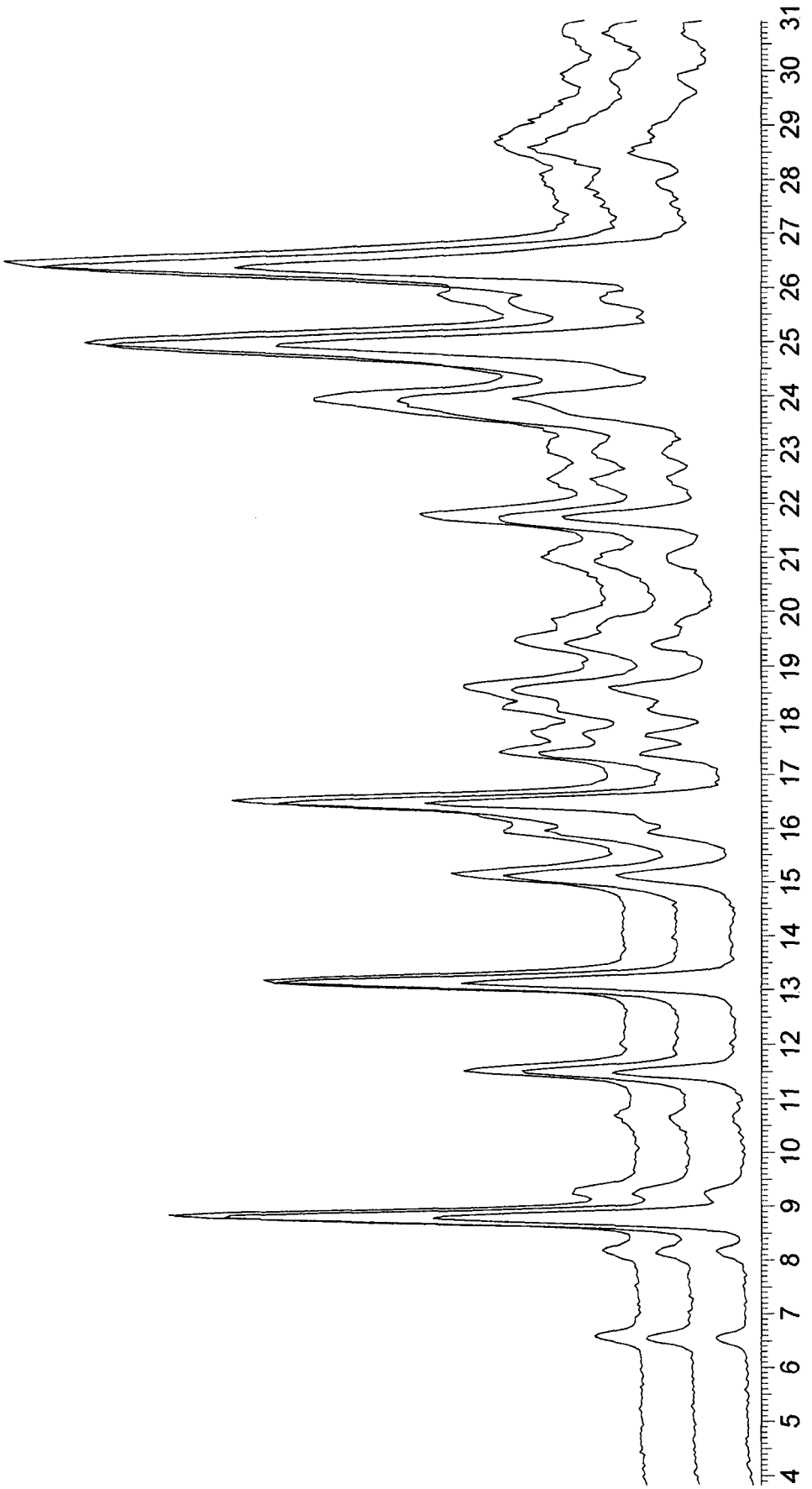

4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
2-Theta - Scale

FIG. 16

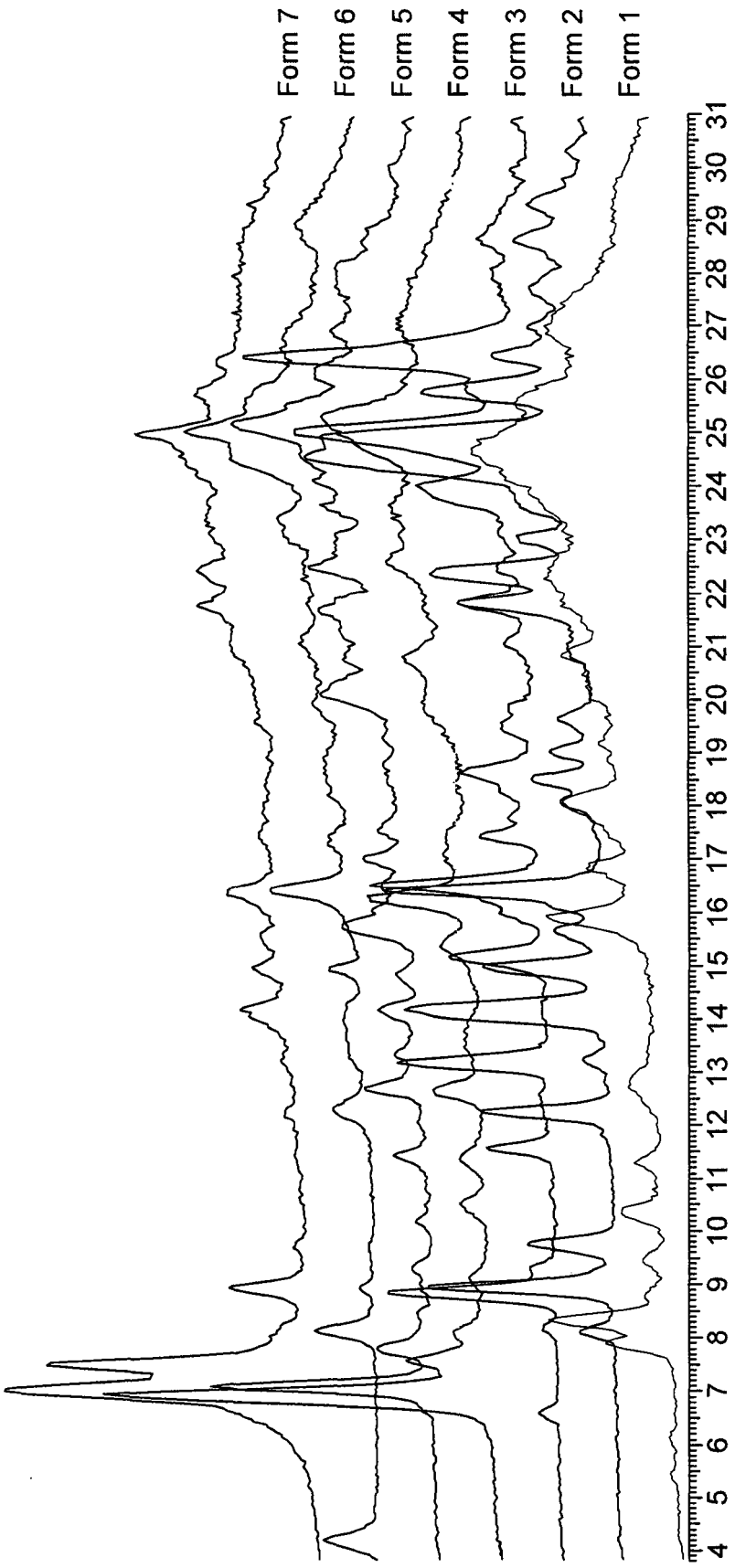

Form 7
Form 6
Form 5
Form 4
Form 3
Form 2
Form 1
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
2-Theta - Scale

FIG. 17