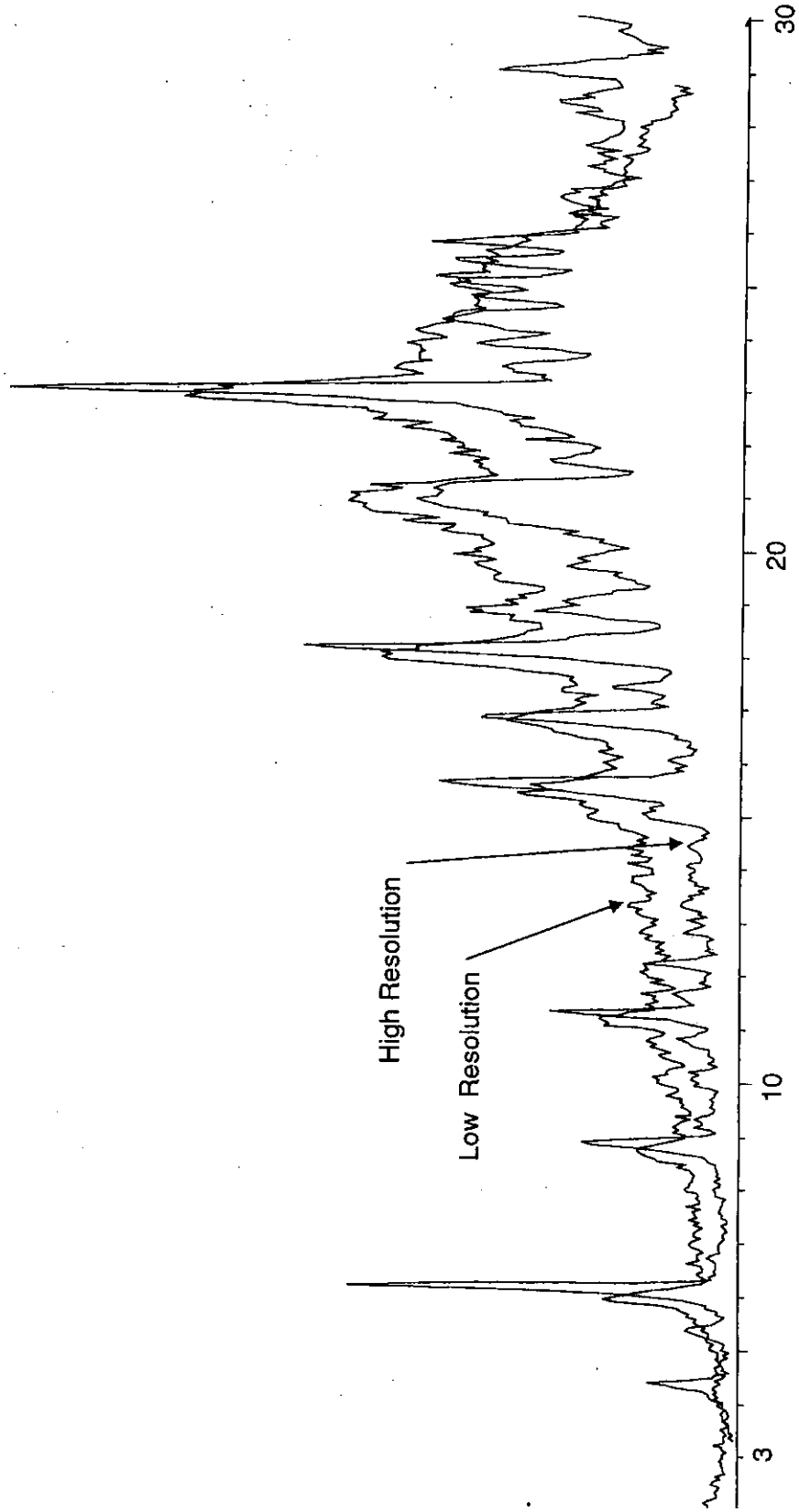
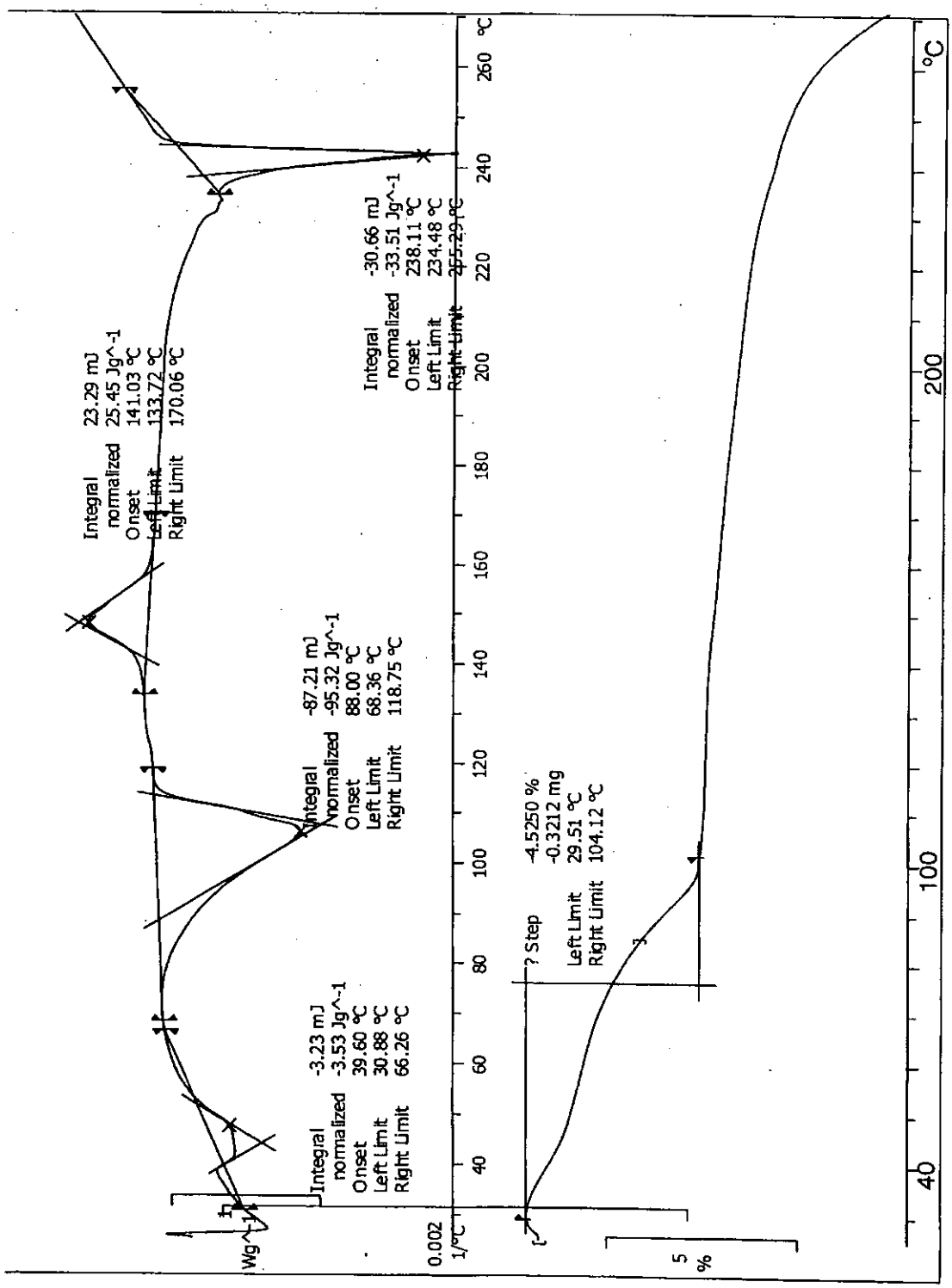


FIG 1

FIG 2


Integral 23.29 mJ
normalized 25.45 Jg^-1
Onset 141.03 °C
Left Limit 133.72 °C
Right Limit 170.06 °C
Integral -30.66 mJ
normalized -33.51 Jg^-1
Onset 238.11 °C
Left Limit 234.48 °C
Right Limit 255.29 °C
Integral -87.21 mJ
normalized -95.32 Jg^-1
Onset 88.00 °C
Left Limit 68.36 °C
Right Limit 118.75 °C
Integral -3.23 mJ
normalized -3.53 Jg^-1
Onset 39.60 °C
Left Limit 30.88 °C
Right Limit 66.26 °C
? Step -4.5250 %
-0.3212 mg
Left Limit 29.51 °C
Right Limit 104.12 °C
W/g^-1
0.002
1/°C
5
%
°C

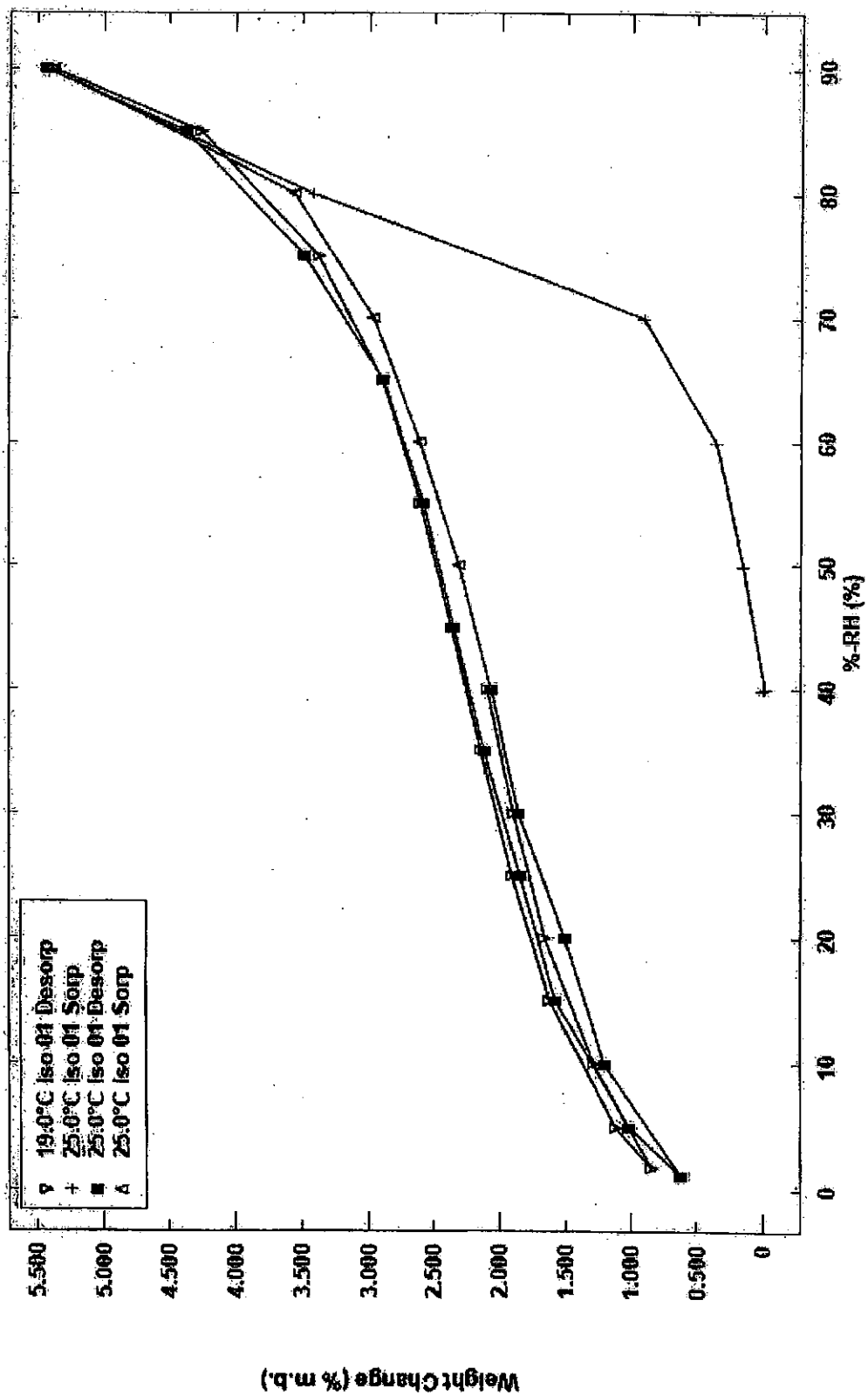

19.0°C Iso 01 Desorp
25.0°C Iso 01 Sorp
25.0°C Iso 01 Desorp
25.0°C Iso 01 Sorp
Weight Change (% m.b.)
%-RH (%)
5.500
5.000
4.500
4.000
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0
0
10
20
30
40
50
60
70
80
90

FIG 3

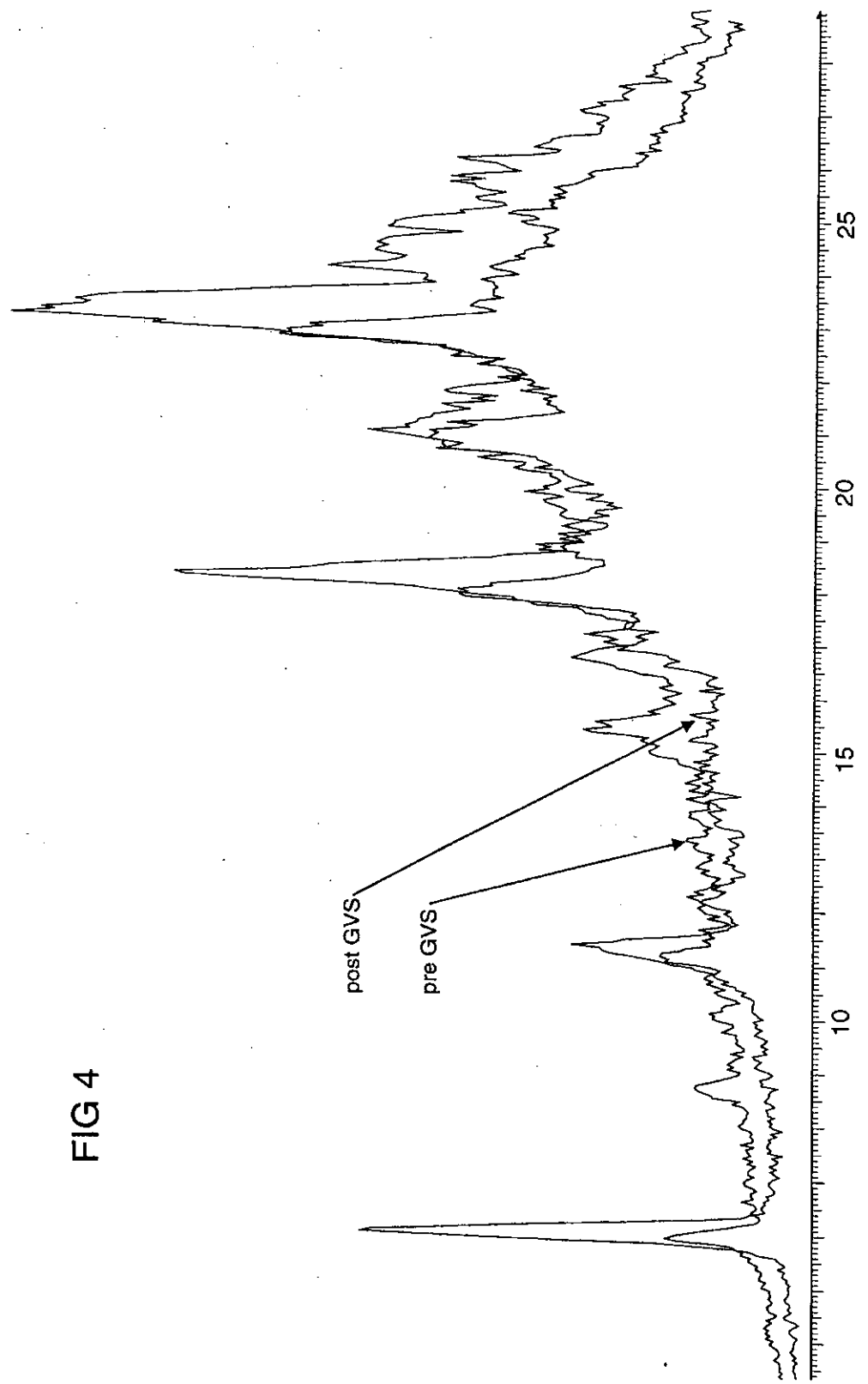


FIG 4

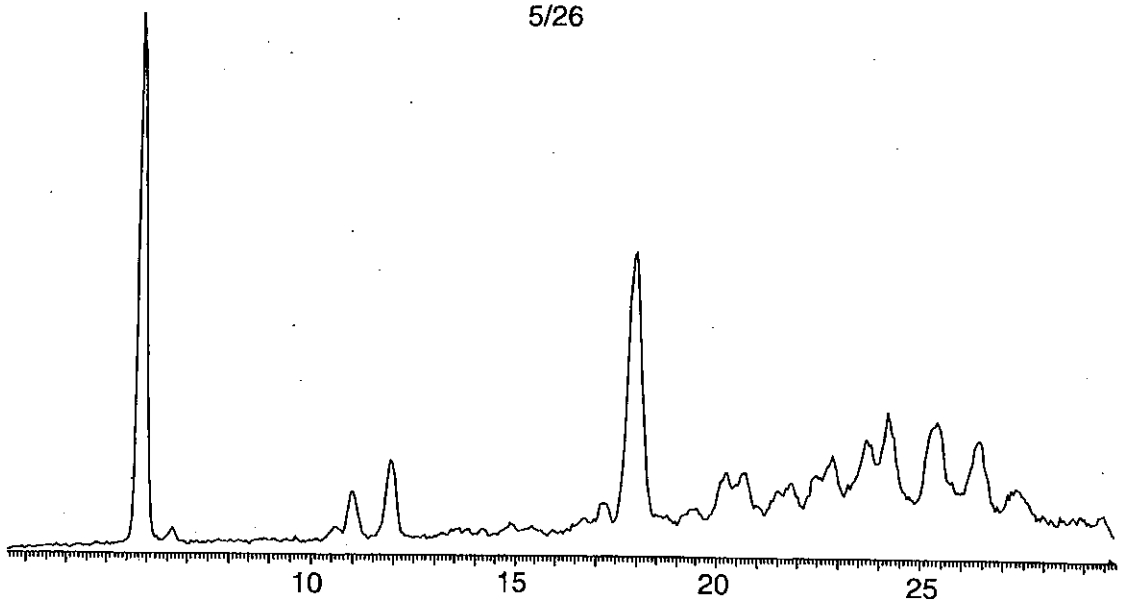


FIG 5

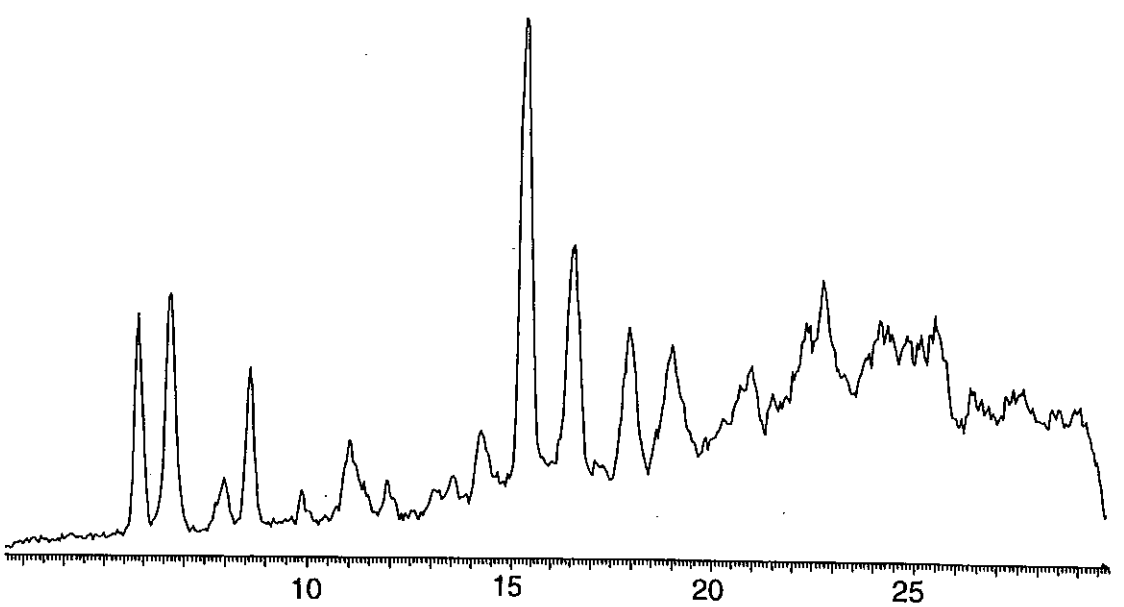


FIG 7

FIG 6

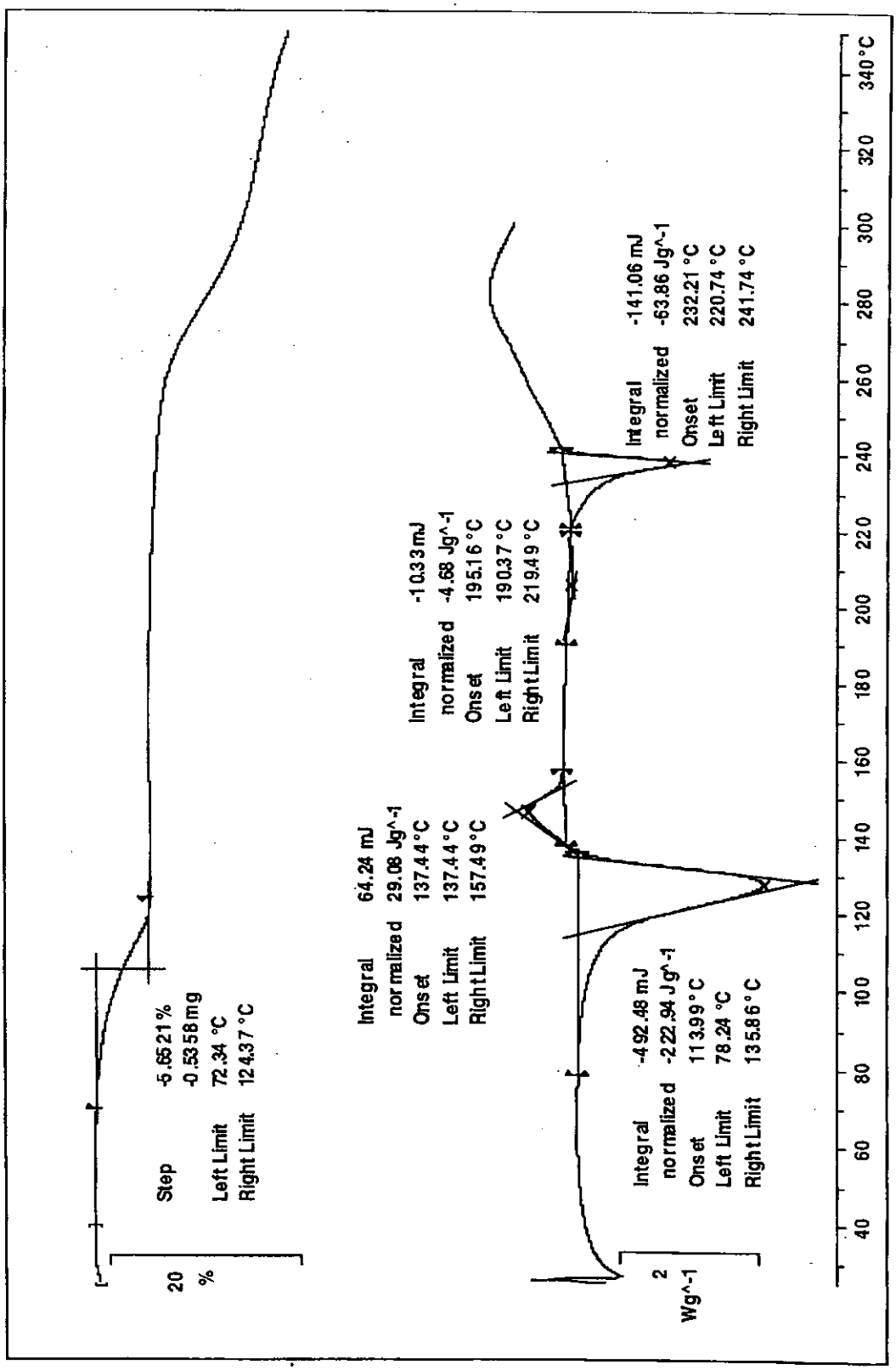
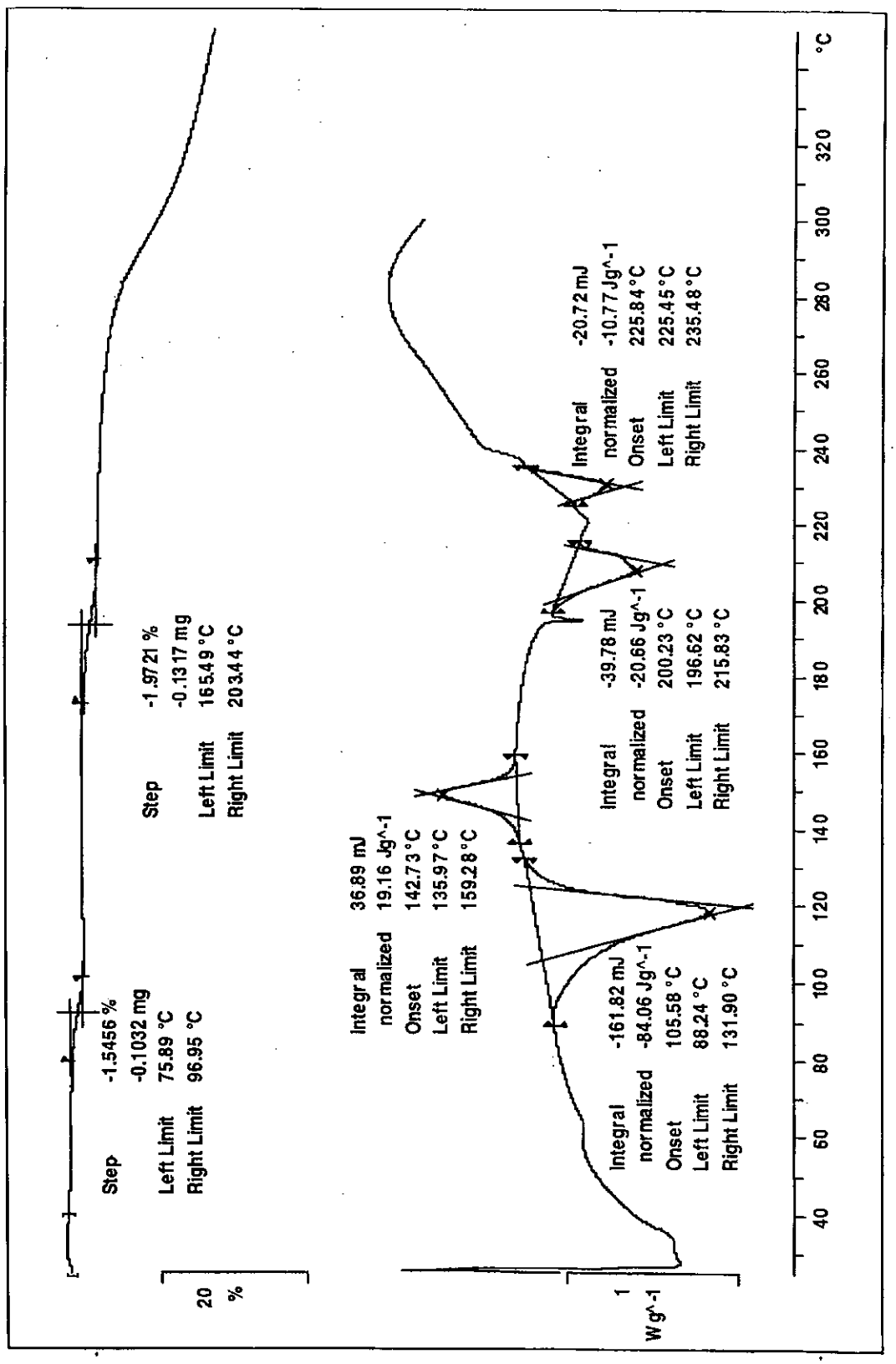

20
%
Step -5.6521 %
-0.5358 mg
Left Limit 72.34 °C
Right Limit 124.37 °C
2
Wg^-1
Integral 64.24 mJ
normalized 29.08 Jg^-1
Onset 137.44 °C
Left Limit 137.44 °C
Right Limit 157.49 °C
Integral -10.33 mJ
normalized -4.68 Jg^-1
Onset 195.16 °C
Left Limit 190.37 °C
Right Limit 219.49 °C
Integral -492.48 mJ
normalized -222.94 Jg^-1
Onset 113.99 °C
Left Limit 78.24 °C
Right Limit 135.86 °C
Integral -141.06 mJ
normalized -63.86 Jg^-1
Onset 232.21 °C
Left Limit 220.74 °C
Right Limit 241.74 °C
40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 °C

FIG 8


Step -1.5456 %
-0.1032 mg
Left Limit 75.89 °C
Right Limit 96.95 °C
Step -1.9721 %
-0.1317 mg
Left Limit 165.49 °C
Right Limit 203.44 °C
Integral 36.89 mJ
normalized 19.16 Jg^-1
Onset 142.73 °C
Left Limit 135.97 °C
Right Limit 159.28 °C
Integral -161.82 mJ
normalized -84.06 Jg^-1
Onset 105.58 °C
Left Limit 88.24 °C
Right Limit 131.90 °C
Integral -39.78 mJ
normalized -20.66 Jg^-1
Onset 200.23 °C
Left Limit 196.62 °C
Right Limit 215.83 °C
Integral -20.72 mJ
normalized -10.77 Jg^-1
Onset 225.84 °C
Left Limit 225.45 °C
Right Limit 235.48 °C
20 %
1 W g^-1
40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 °C

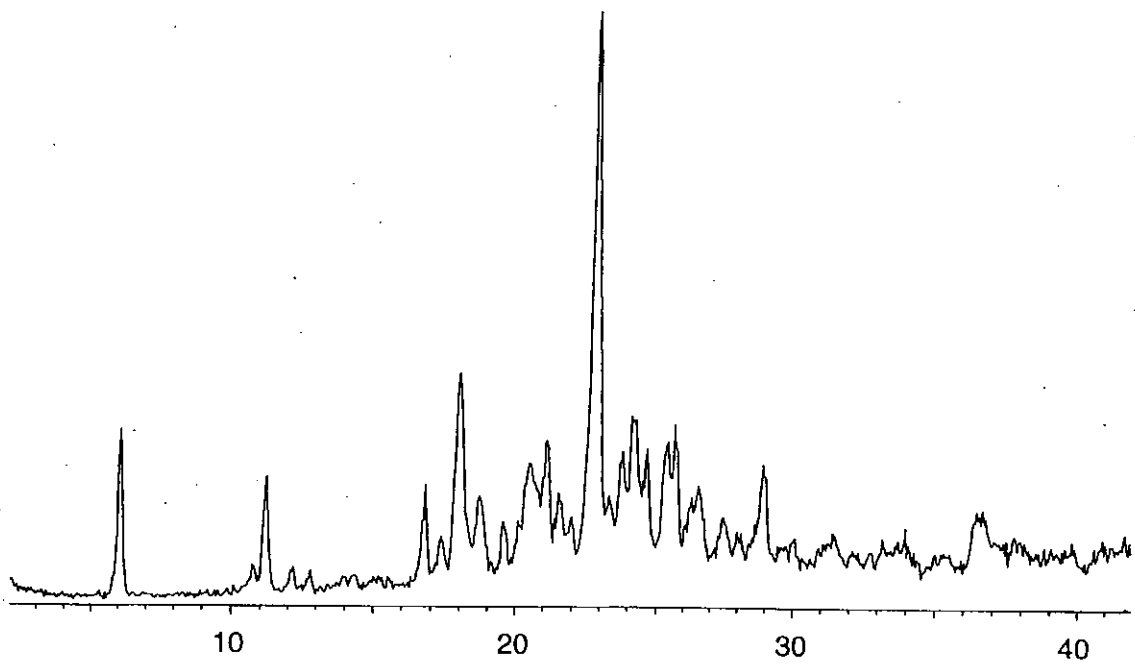


FIG 9

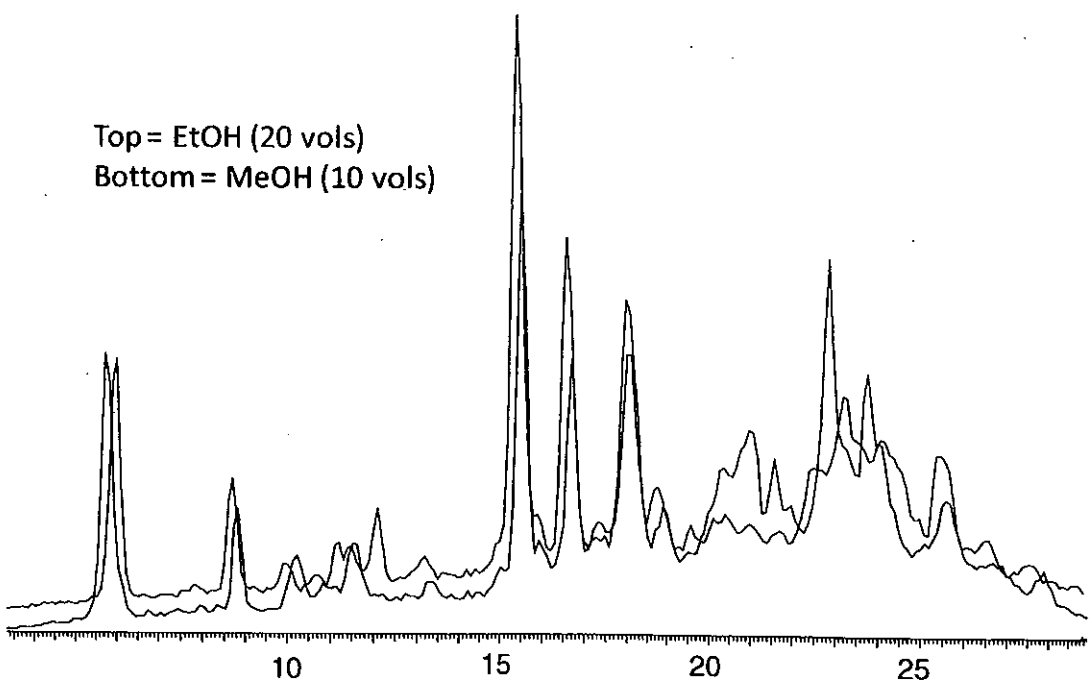


FIG 12

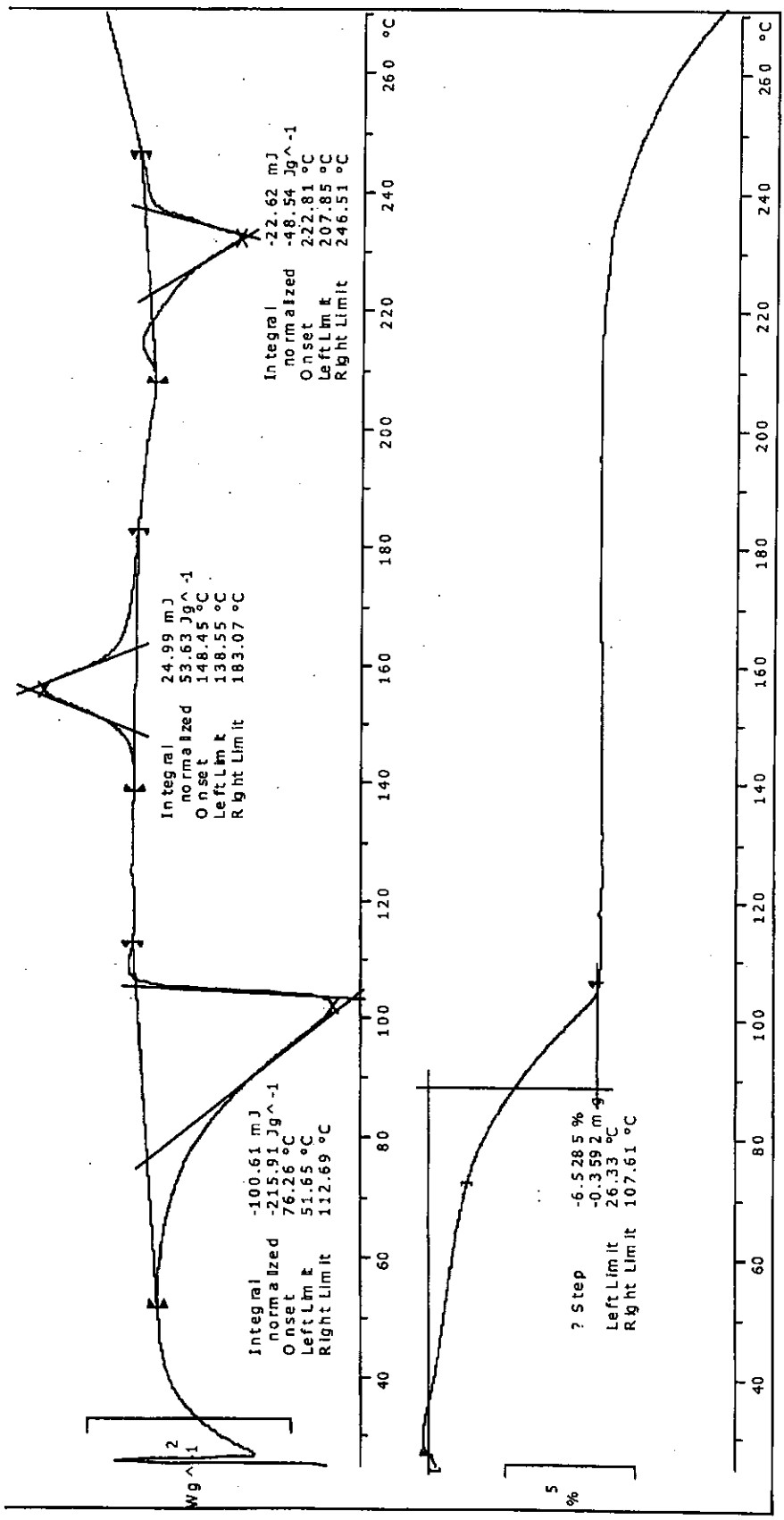

Integral -100.61 mJ
normalized -215.91 Jg^-1
Onset 76.26 °C
Left Limit 51.65 °C
Right Limit 112.69 °C
Integral 24.99 mJ
normalized 53.63 Jg^-1
Onset 148.45 °C
Left Limit 138.55 °C
Right Limit 183.07 °C
Integral -22.62 mJ
normalized -48.54 Jg^-1
Onset 222.81 °C
Left Limit 207.85 °C
Right Limit 246.51 °C
? Step -6.5285 %
-0.3592 mg
Left Limit 26.33 °C
Right Limit 107.61 °C
Wg^-1
%
°C

FIG 10

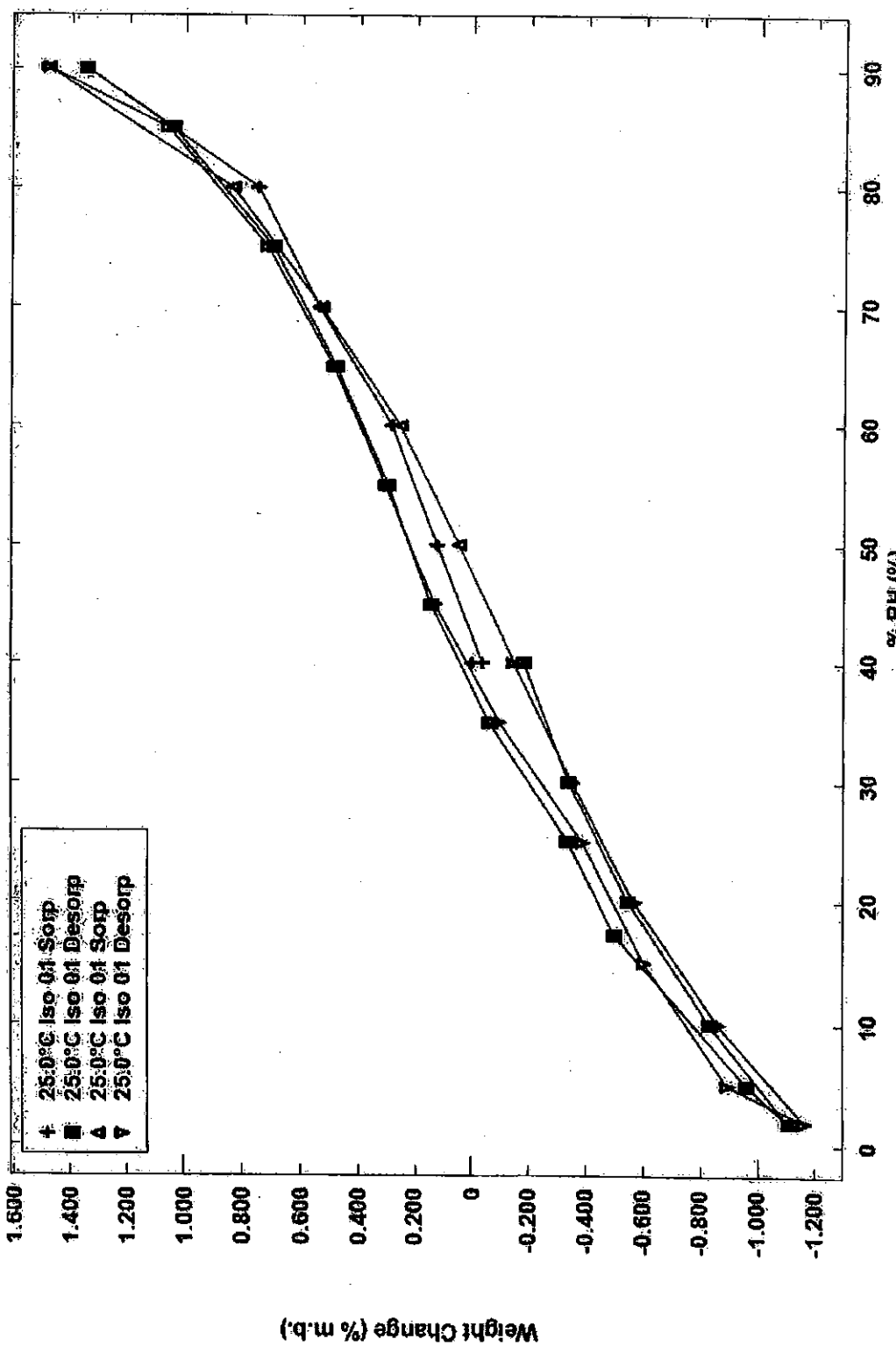

25.0°C Iso 01 Sorp
25.0°C Iso 01 Desorp
25.0°C Iso 01 Sorp
25.0°C Iso 01 Desorp
Weight Change (% m.b.)
%-RH (%)
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0
-0.200
-0.400
-0.600
-0.800
-1.000
-1.200
0
10
20
30
40
50
60
70
80
90

FIG 11

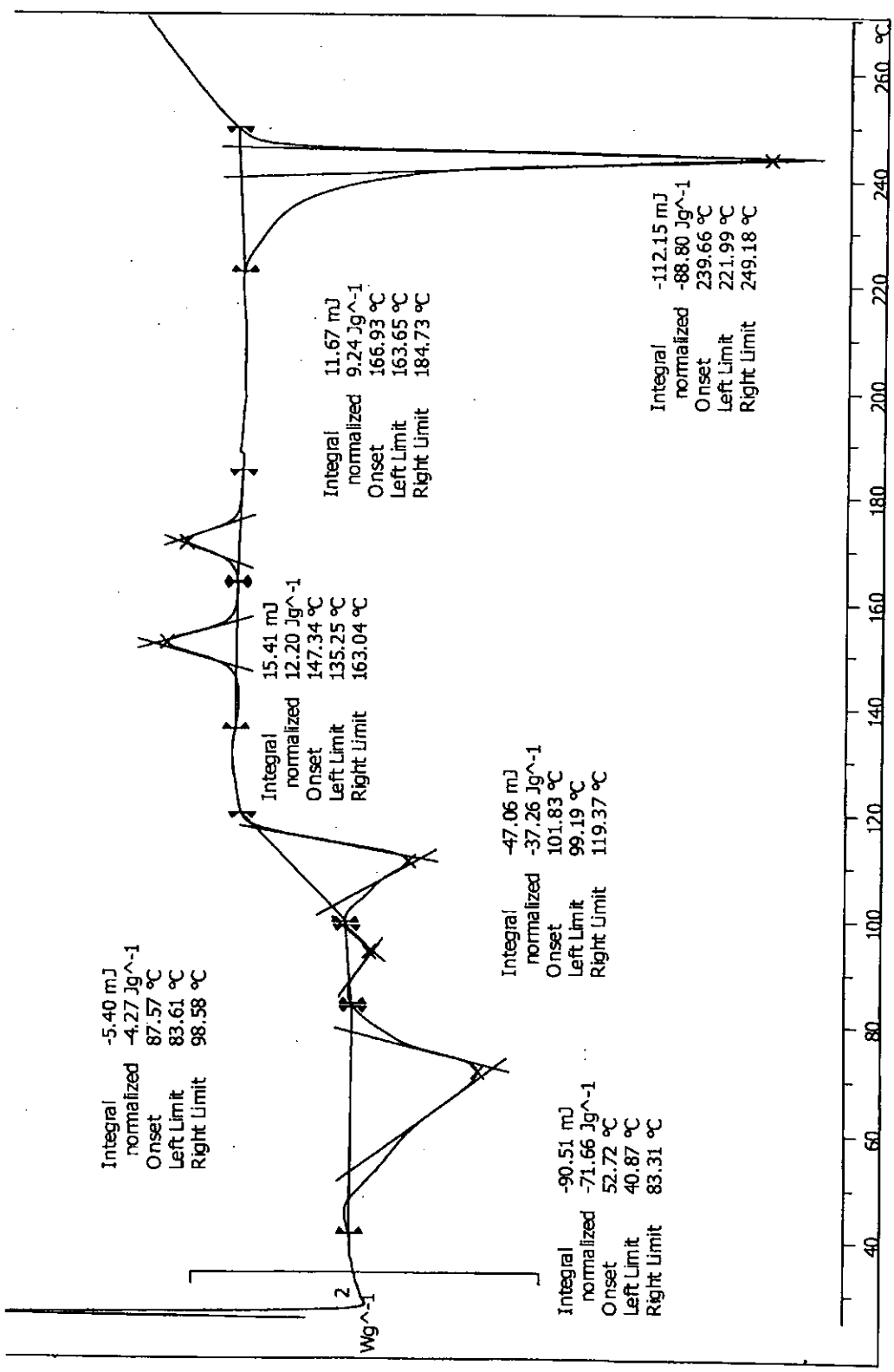

Integral -5.40 mJ
normalized -4.27 Jg^-1
Onset 87.57 °C
Left Limit 83.61 °C
Right Limit 98.58 °C
Integral 15.41 mJ
normalized 12.20 Jg^-1
Onset 147.34 °C
Left Limit 135.25 °C
Right Limit 163.04 °C
Integral -47.06 mJ
normalized -37.26 Jg^-1
Onset 101.83 °C
Left Limit 99.19 °C
Right Limit 119.37 °C
Integral 11.67 mJ
normalized 9.24 Jg^-1
Onset 166.93 °C
Left Limit 163.65 °C
Right Limit 184.73 °C
Integral -112.15 mJ
normalized -88.80 Jg^-1
Onset 239.66 °C
Left Limit 221.99 °C
Right Limit 249.18 °C
Integral -90.51 mJ
normalized -71.66 Jg^-1
Onset 52.72 °C
Left Limit 40.87 °C
Right Limit 83.31 °C
Wg^-1
2
40
60
80
100
120
140
160
180
200
220
240
260 °C

FIG 13

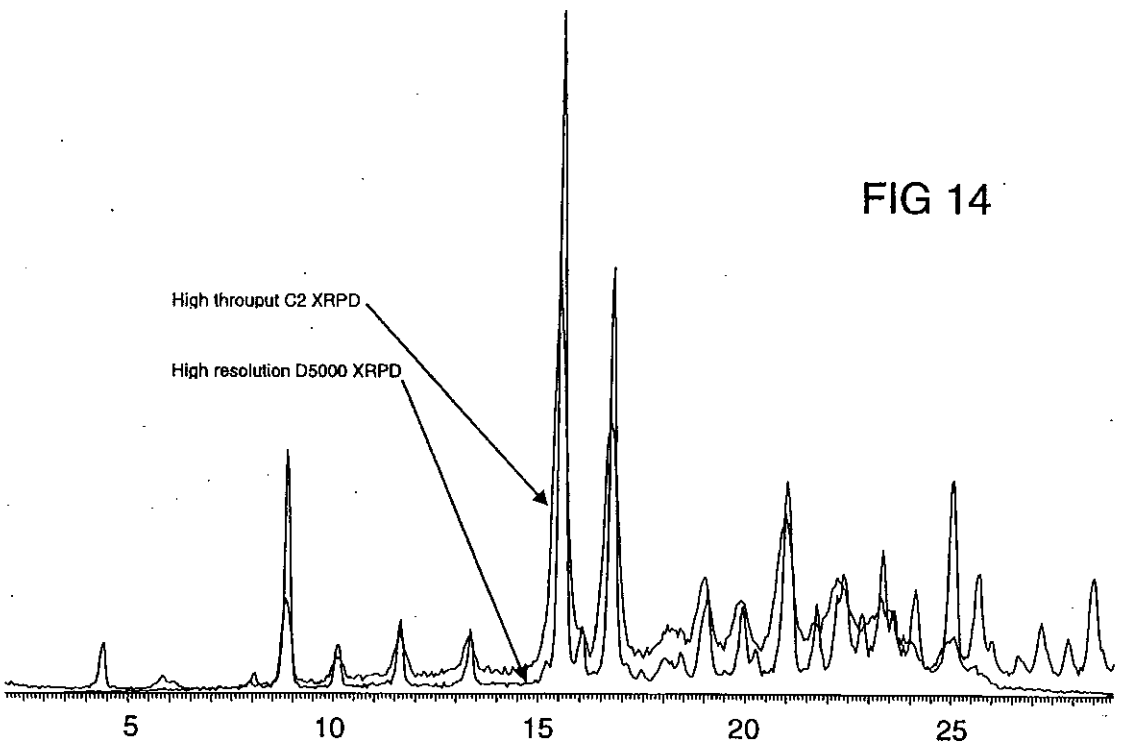

High throuput C2 XRPD
High resolution D5000 XRPD
5
10
15
20
25

FIG 14

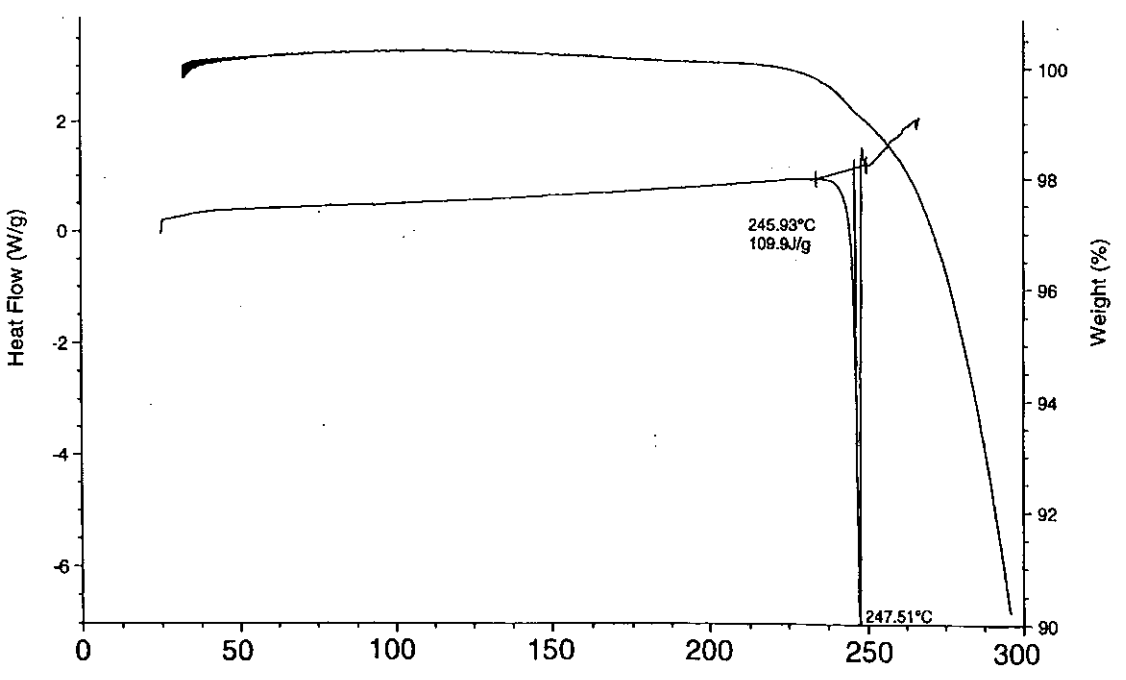

Heat Flow (W/g)
Weight (%)
245.93°C
109.9J/g
247.51°C
Temperature (°C)
0
50
100
150
200
250
300
2
0
-2
-4
-6
100
98
96
94
92
90

FIG 15

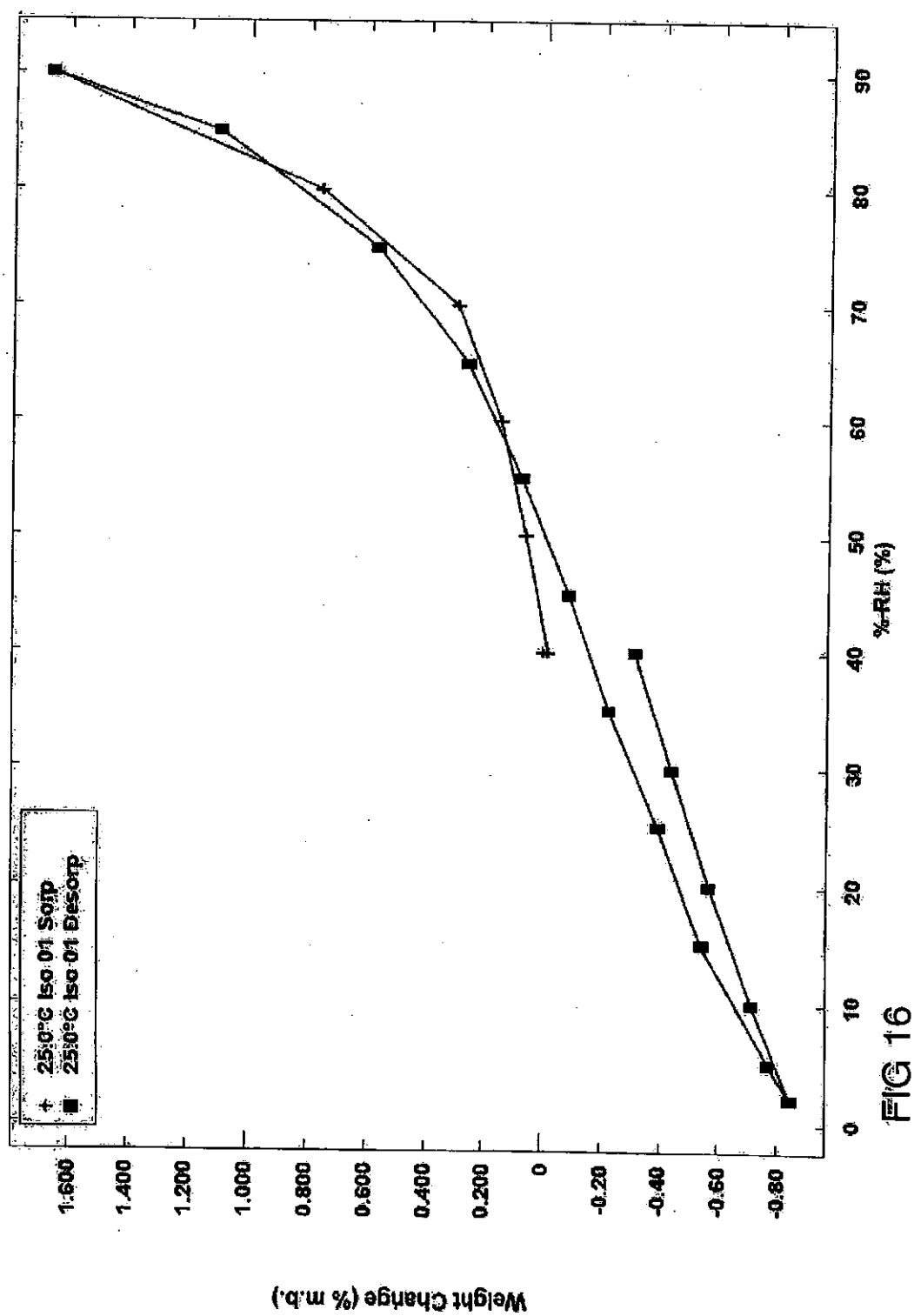

25.0°C Iso 01 Sorp
25.0°C Iso 01 Desorp
Weight Change (% m.b.)
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0
-0.20
-0.40
-0.60
-0.80
0
10
20
30
40
50
60
70
80
90
%-RH (%)

FIG 16

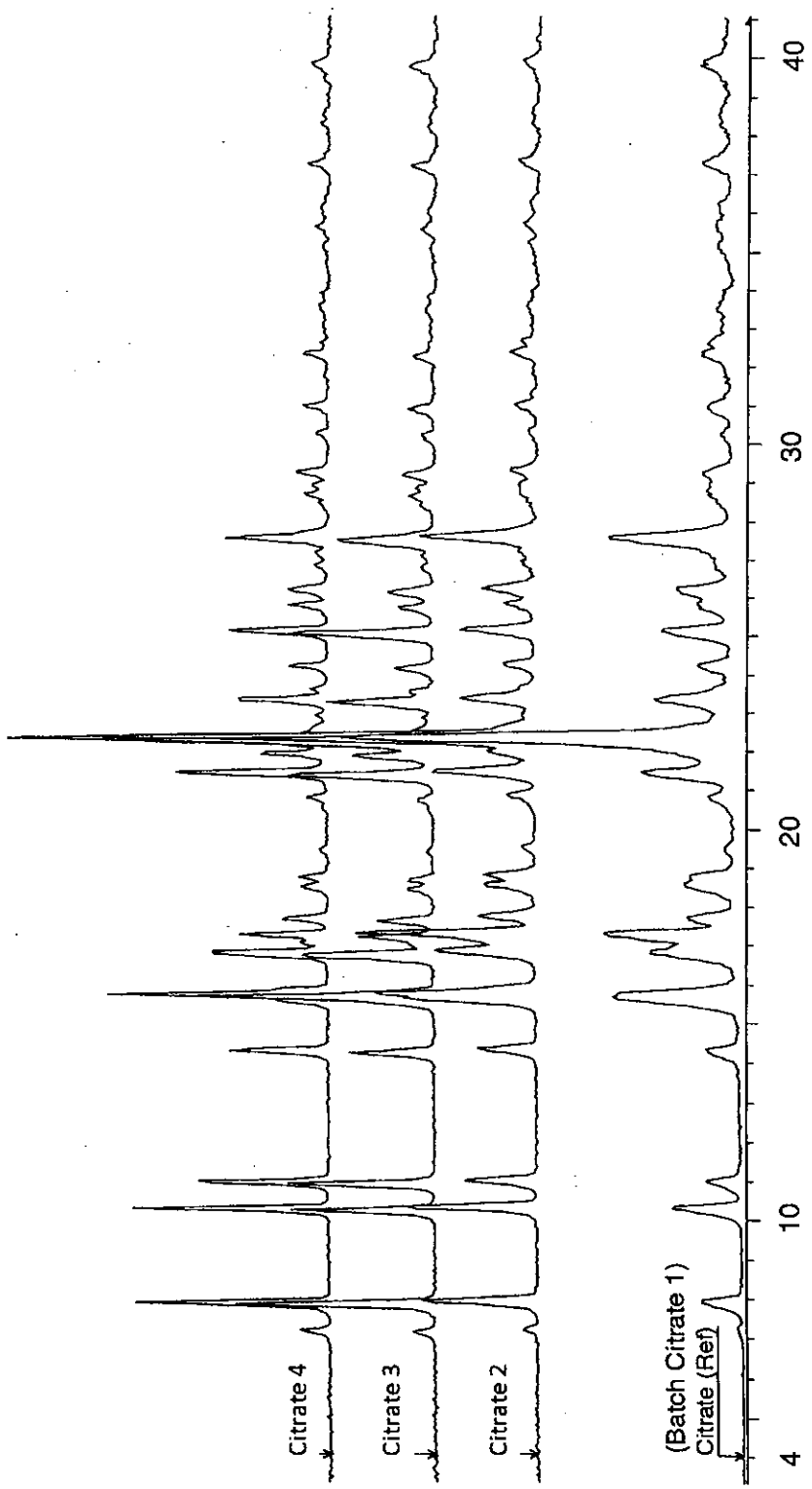

Citrate 4
Citrate 3
Citrate 2
(Batch Citrate 1)
Citrate (Ref)
4
10
20
30
40

FIG 17

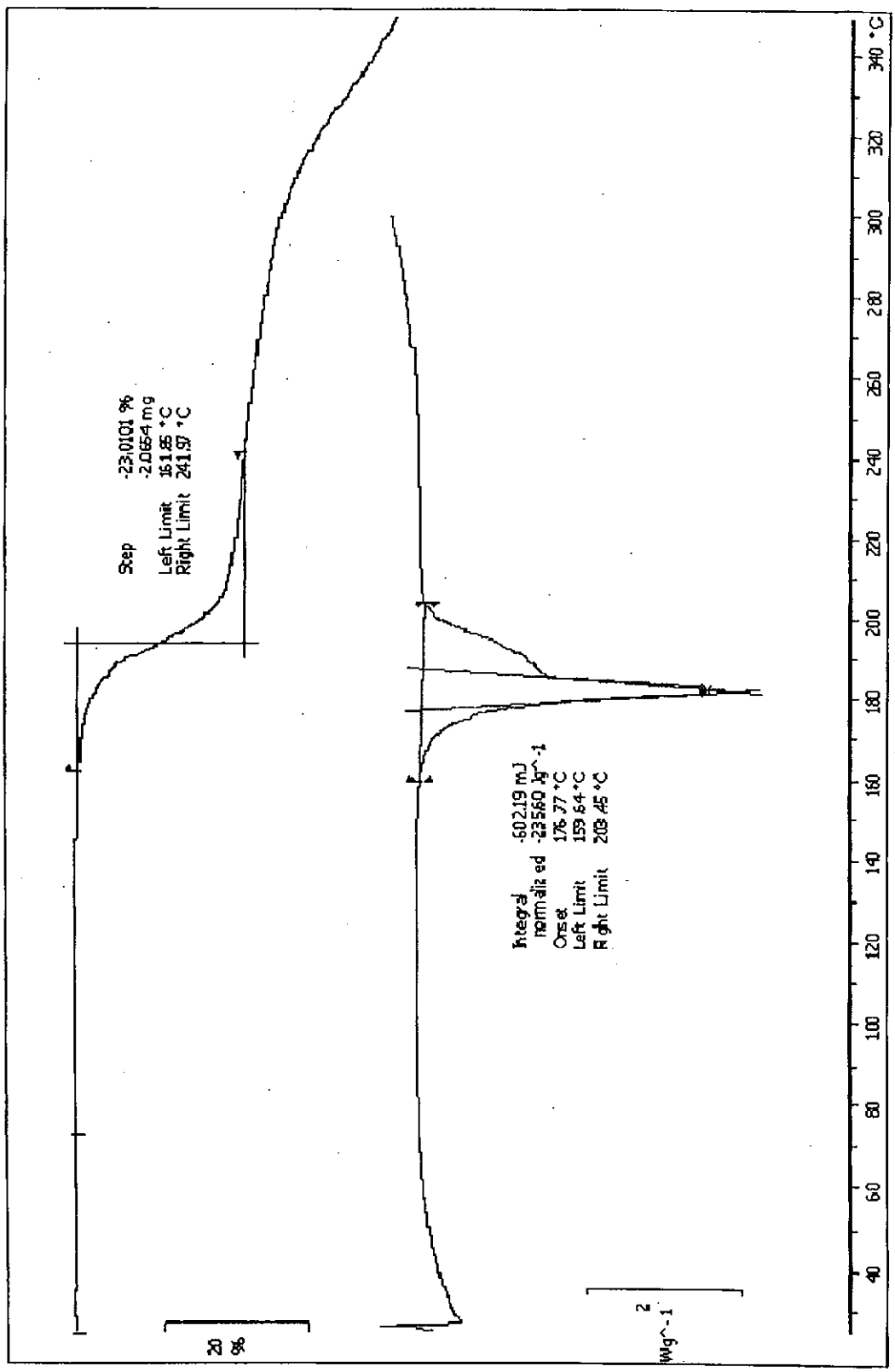

Step
-23.0101 %
-2.0654 mg
Left Limit 161.85 °C
Right Limit 241.97 °C
Integral -602.19 mJ
normalized -235.60 Jg^-1
Onset 176.77 °C
Left Limit 159.64 °C
Right Limit 208.45 °C
20 %
2 Wg^-1
40
60
80
100
120
140
160
180
200
220
240
260
280
300
320
340 °C

FIG 18

FIG 19

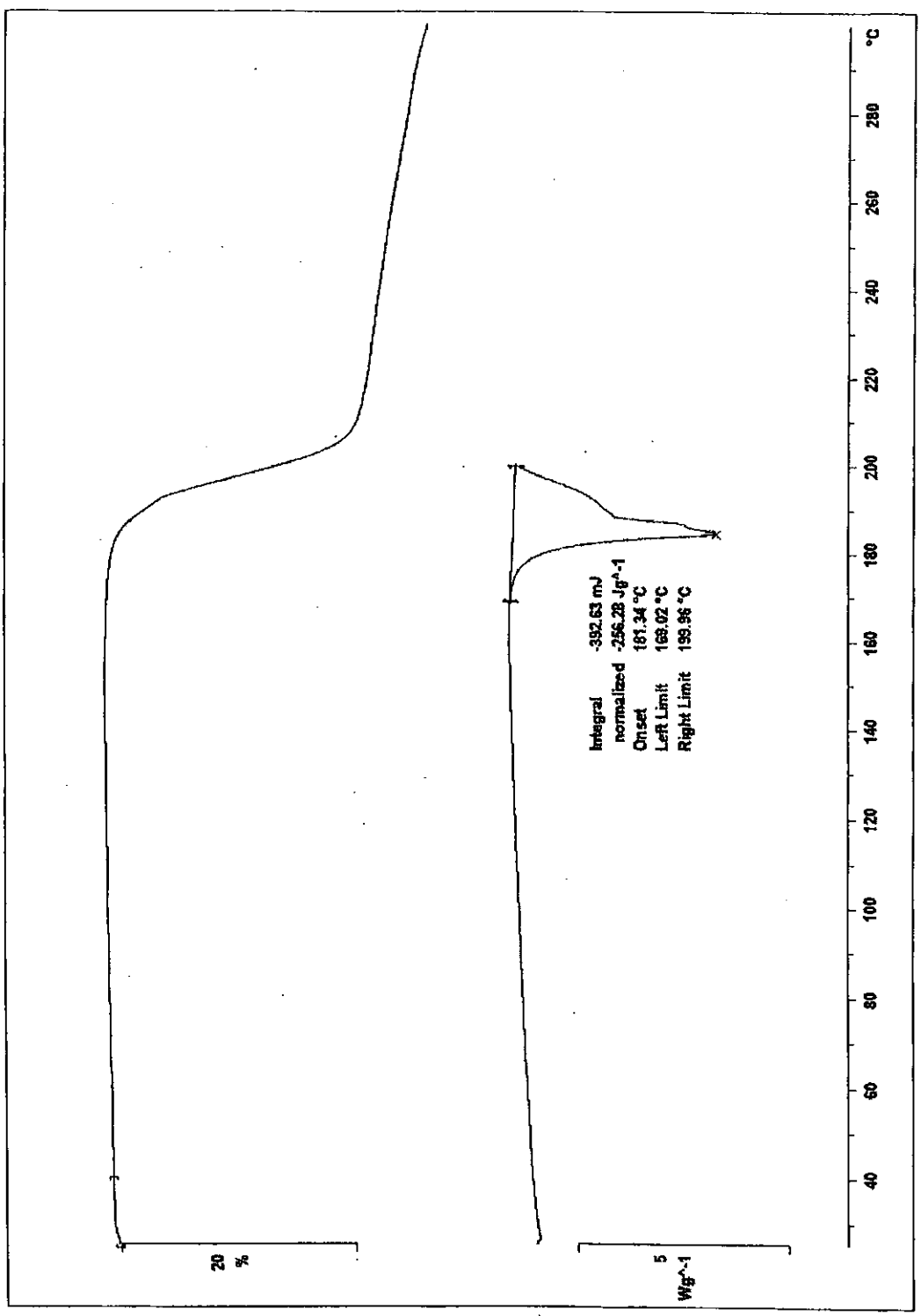

Integral -392.63 mJ
normalized -256.28 Jg^-1
Onset 161.34 °C
Left Limit 168.02 °C
Right Limit 199.96 °C
20 %
5 Wg^-1
°C
40
60
80
100
120
140
160
180
200
220
240
260
280

FIG 20

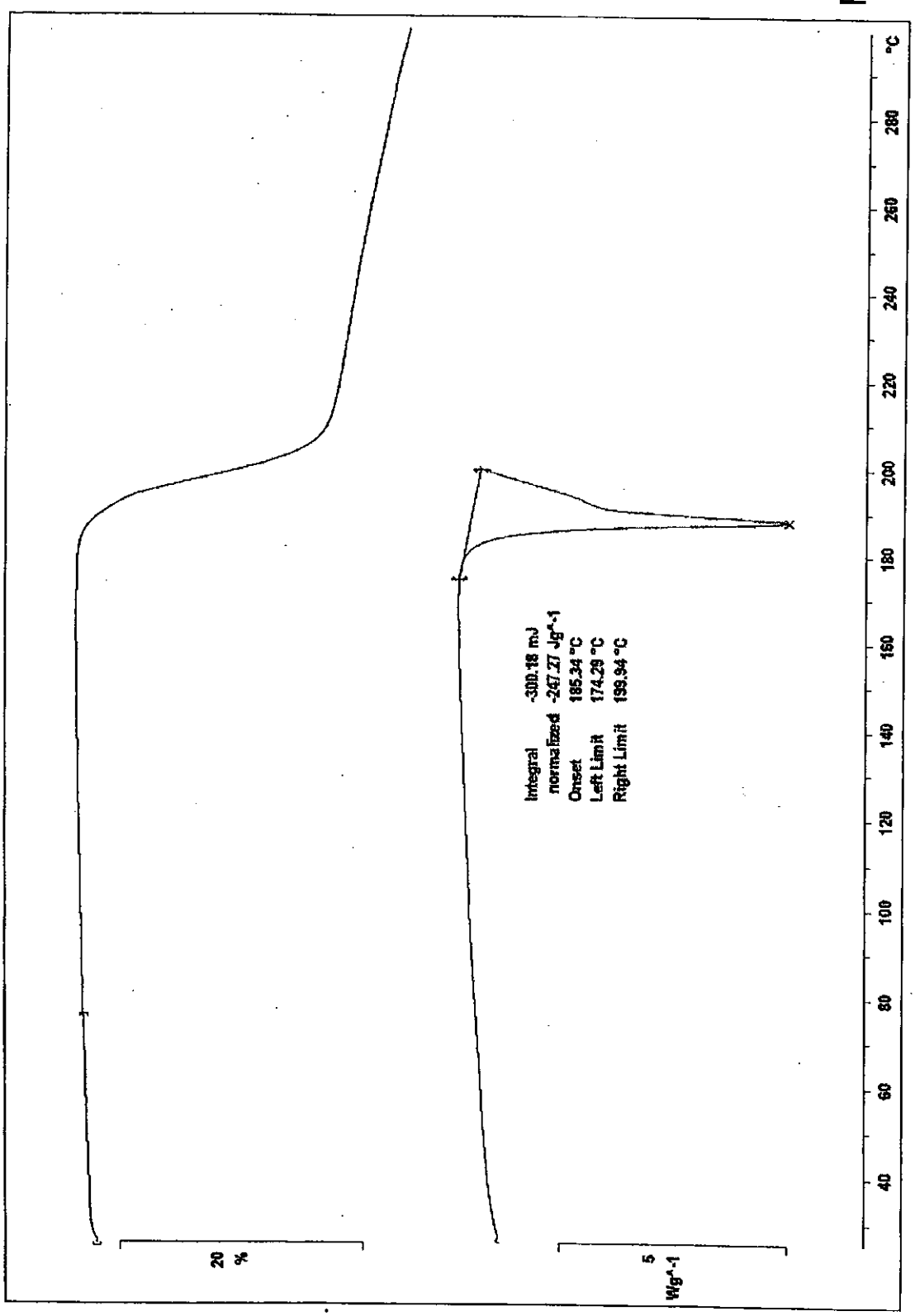
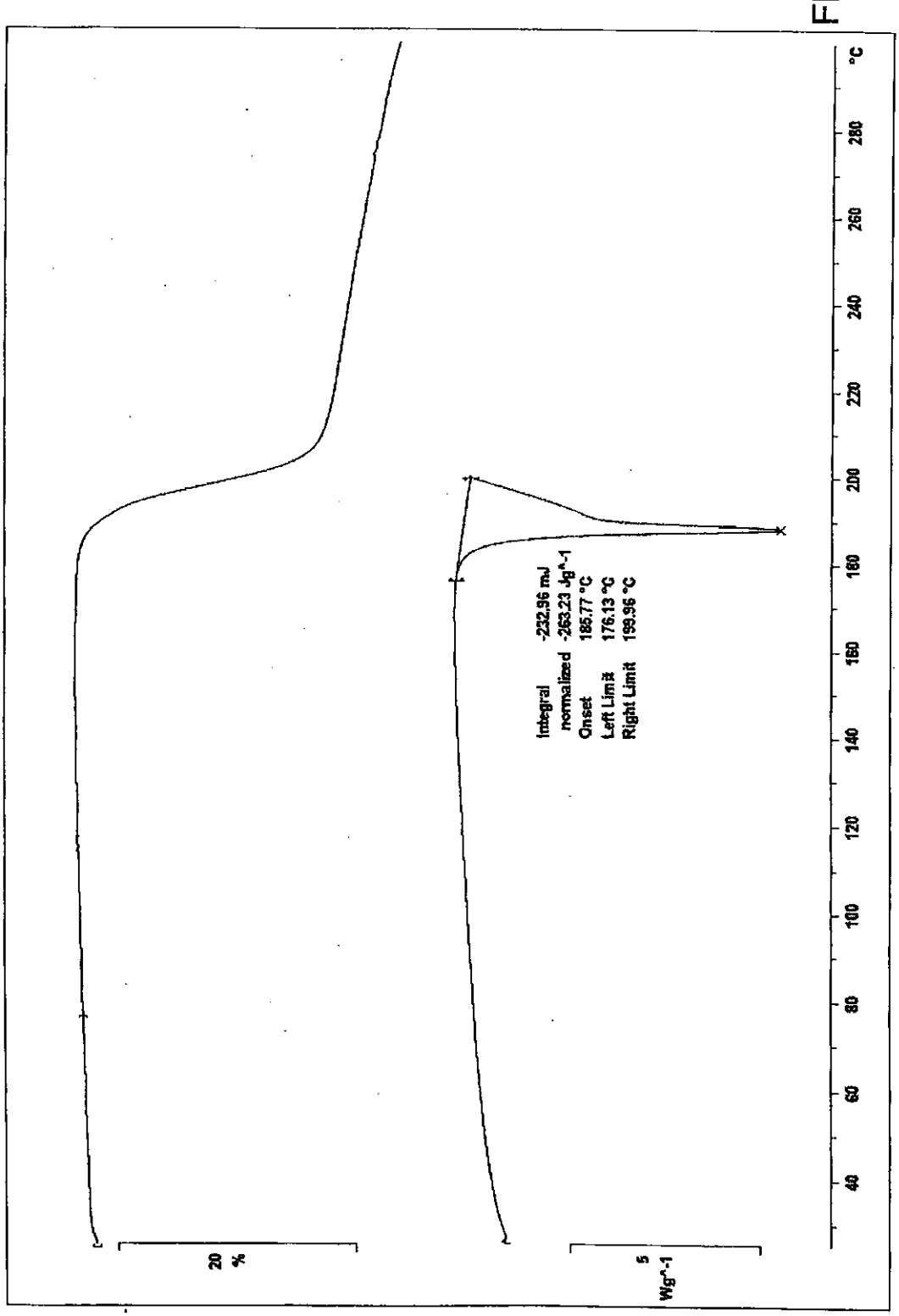

Integral -300.18 mJ
normalized -247.27 Jg^-1
Onset 185.34 °C
Left Limit 174.29 °C
Right Limit 199.94 °C
20 %
5 W/g^-1
40
60
80
100
120
140
160
180
200
220
240
260
280
°C

FIG 21


Integral -232.96 mJ
normalized -263.23 Jg^-1
Onset 185.77 °C
Left Limit 176.13 °C
Right Limit 199.96 °C
20 %
5 Wg^-1
°C
40
60
80
100
120
140
160
180
200
220
240
260
280

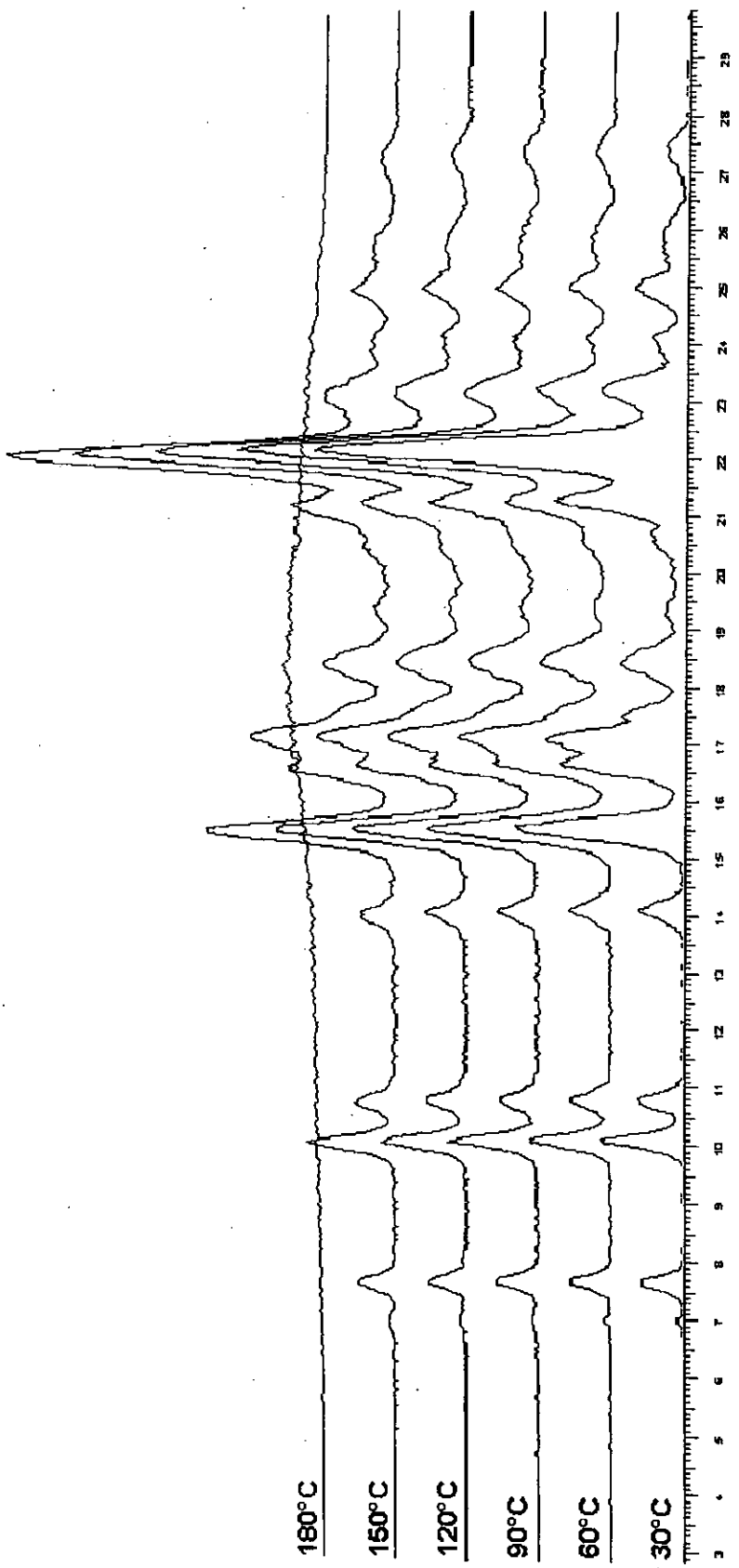


FIG 22

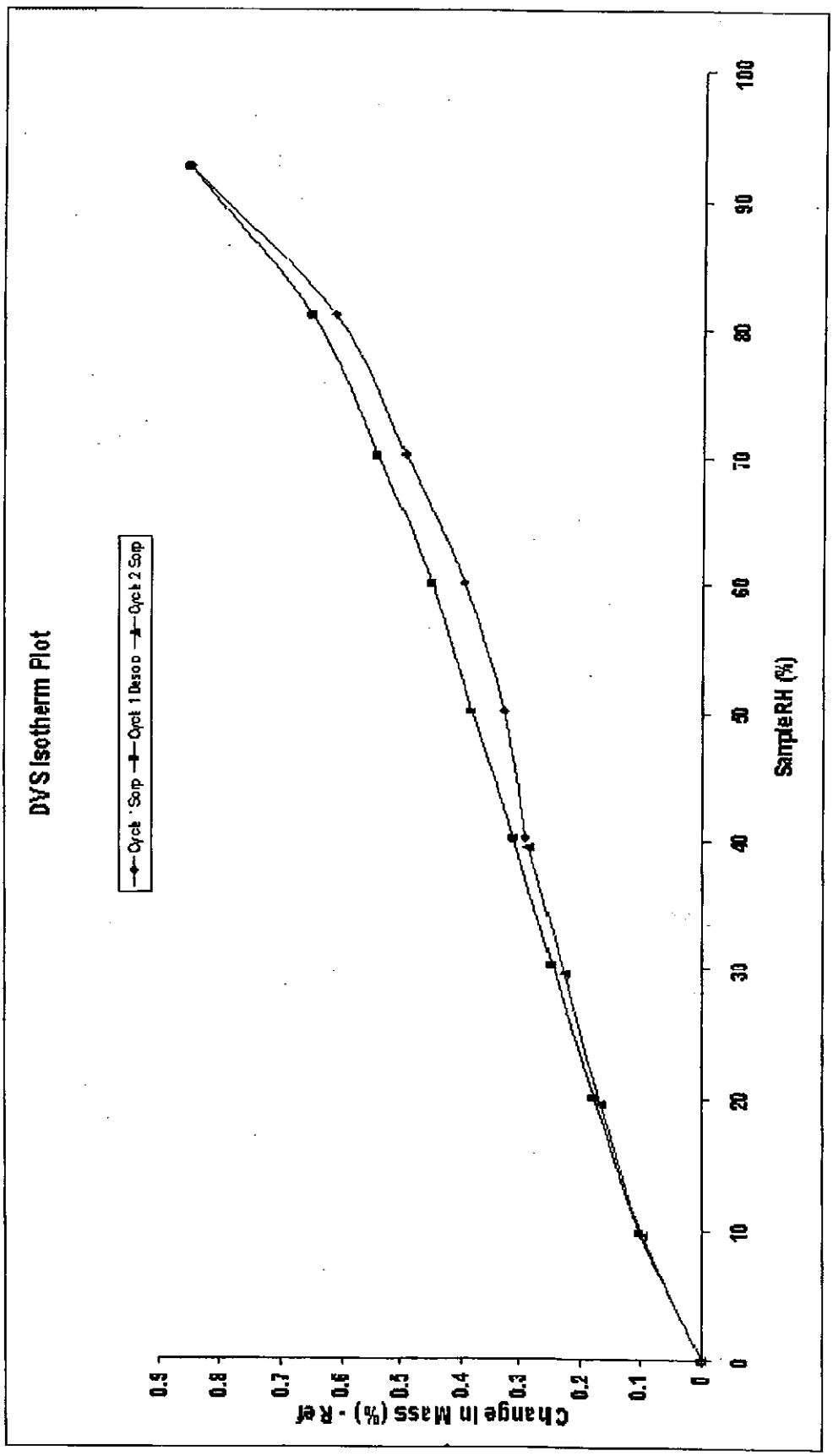

DVS Isotherm Plot
Cycle 1 Sorp
Cycle 1 Desop
Cycle 2 Sorp
Change in Mass (%) - Ref
SampleRH (%)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
10
20
30
40
50
60
70
80
90
100

FIG 23

FIG 24

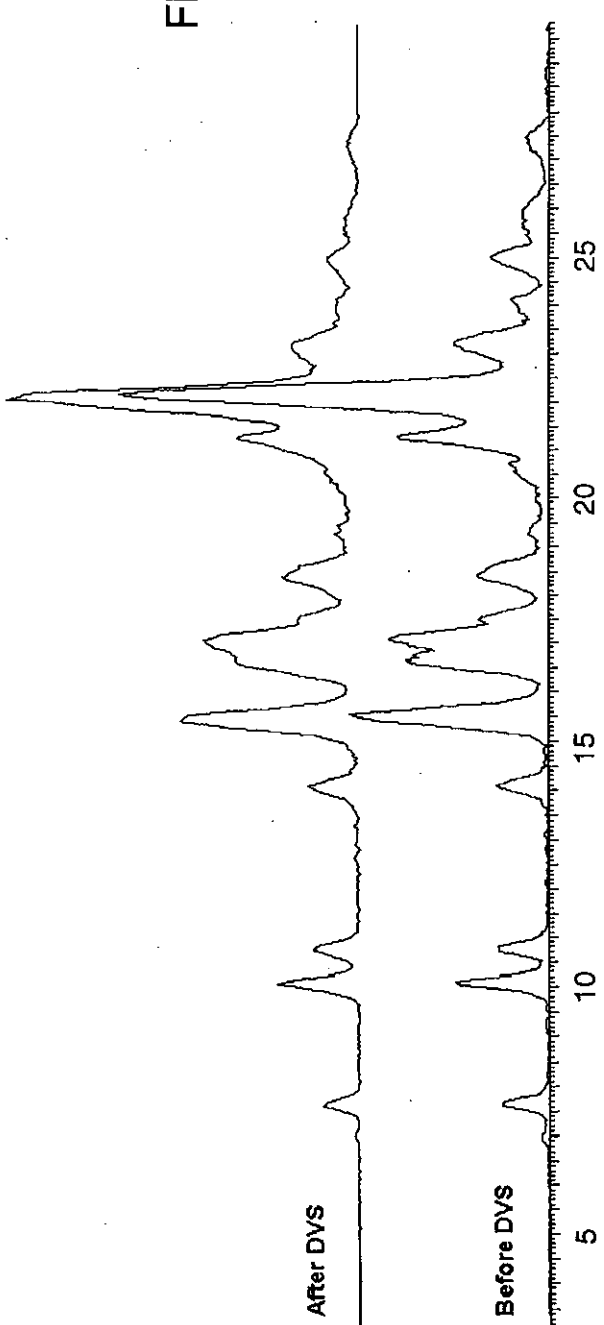

After DVS
Before DVS
5
10
15
20
25

FIG 30

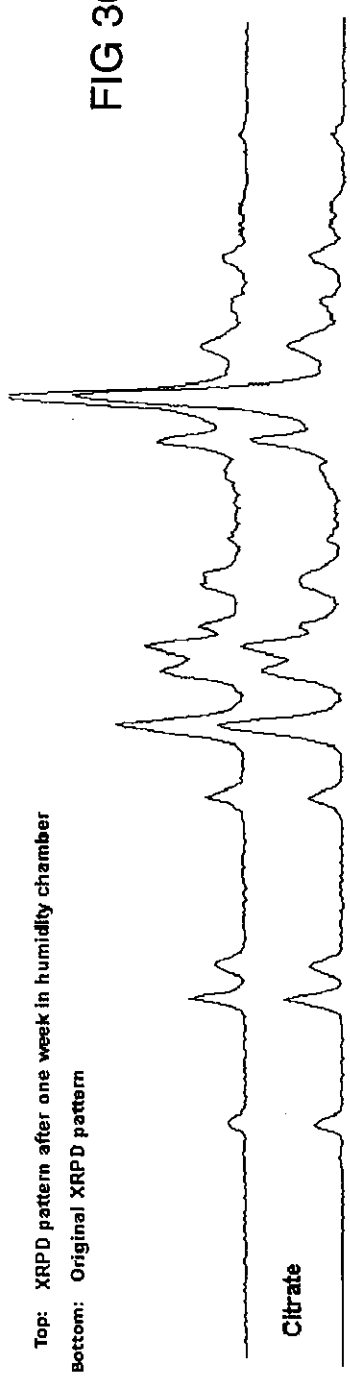
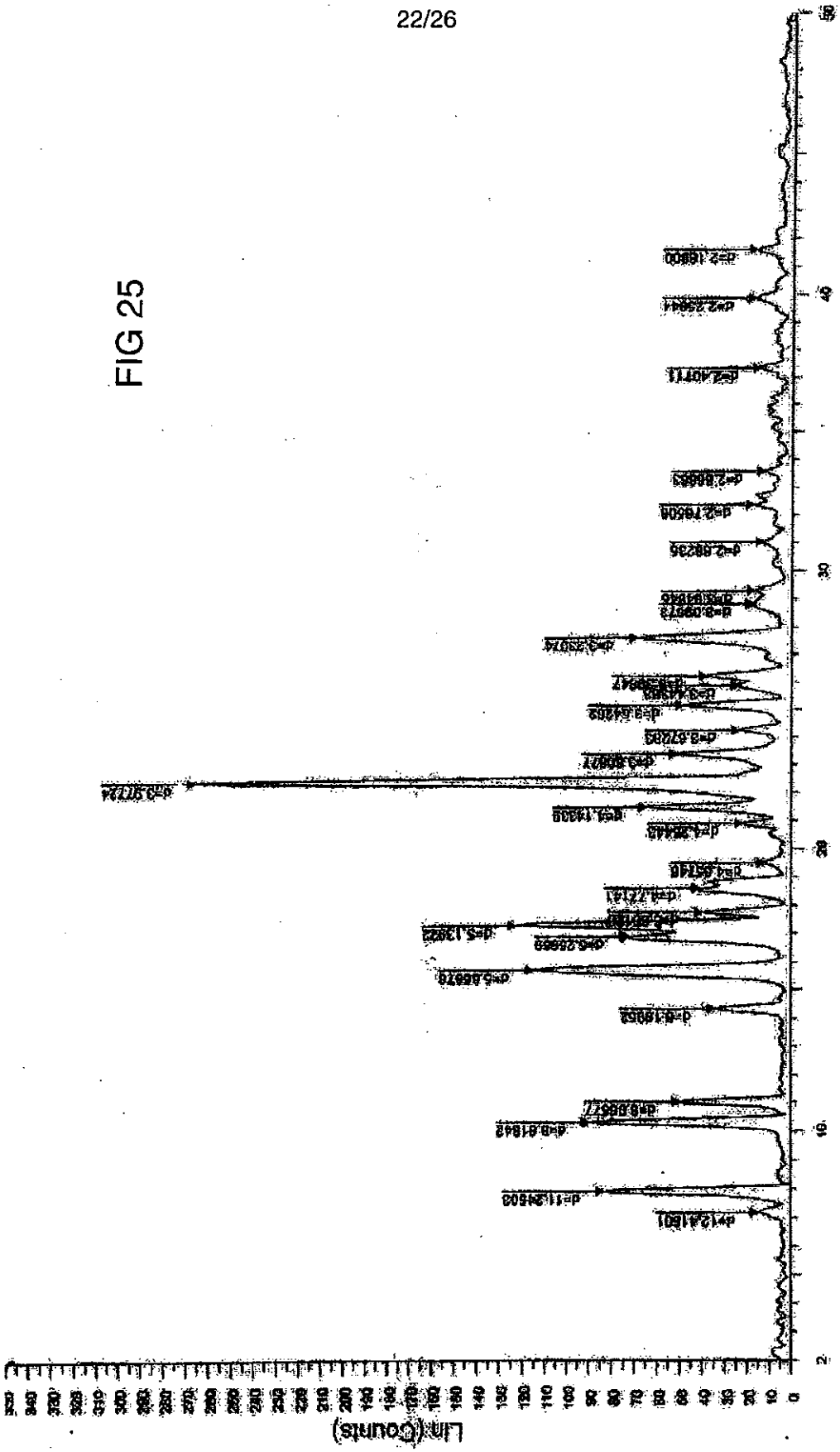

Top: XRPD pattern after one week in humidity chamber
Bottom: Original XRPD pattern
Citrate

FIG 25



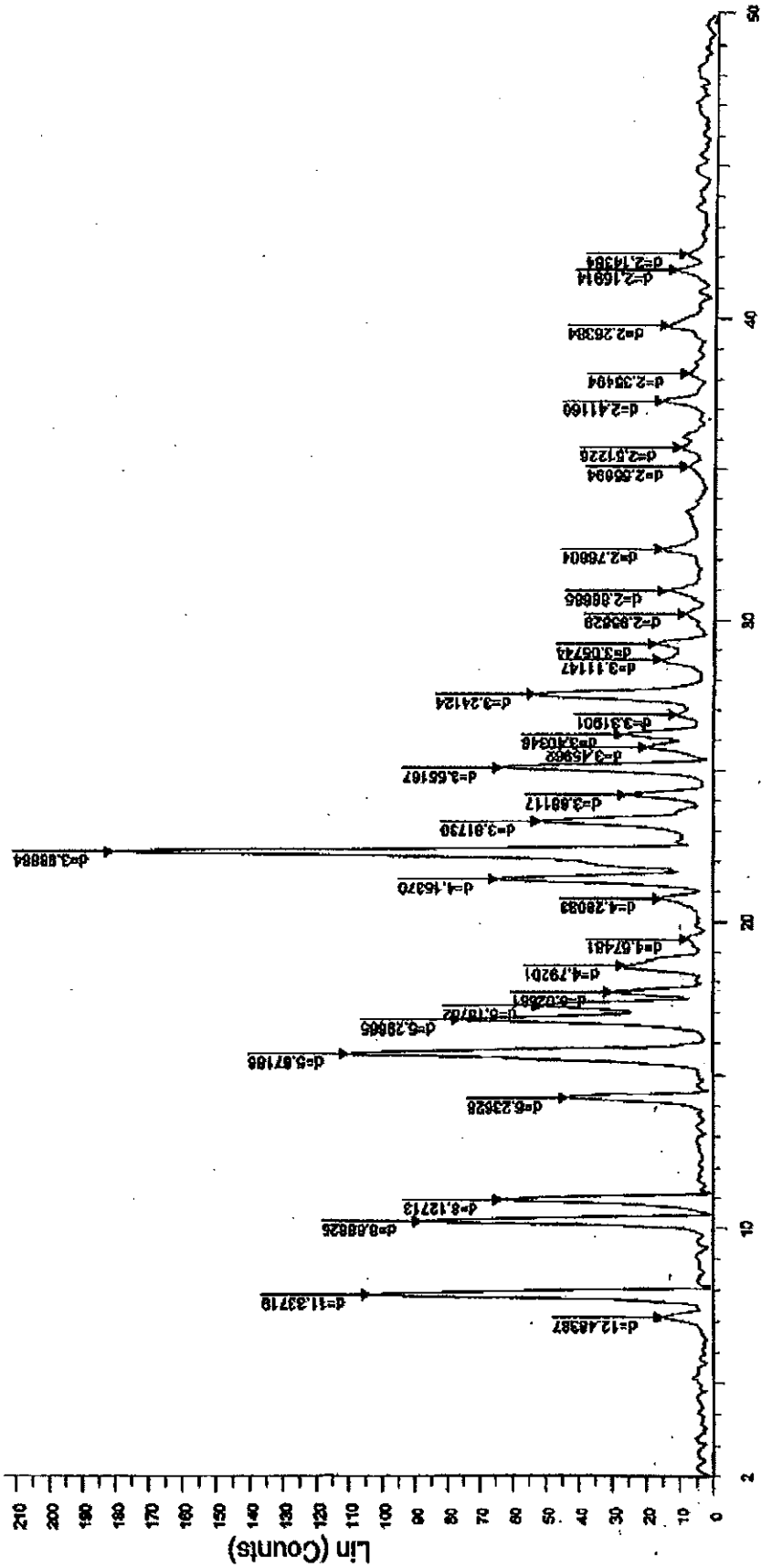

Lin (Counts)
d=12.48387
d=11.33719
d=8.68826
d=8.12712
d=6.23628
d=5.87188
d=6.28665
d=6.02681
d=4.79201
d=4.57481
d=4.28083
d=4.16370
d=3.88864
d=3.81730
d=3.80117
d=3.65107
d=3.45962
d=3.40348
d=3.31901
d=3.24124
d=3.11147
d=3.05743
d=2.85828
d=2.88665
d=2.78604
d=2.55094
d=2.51226
d=2.41160
d=2.35494
d=2.26384
d=2.16914
d=2.14384

FIG 26

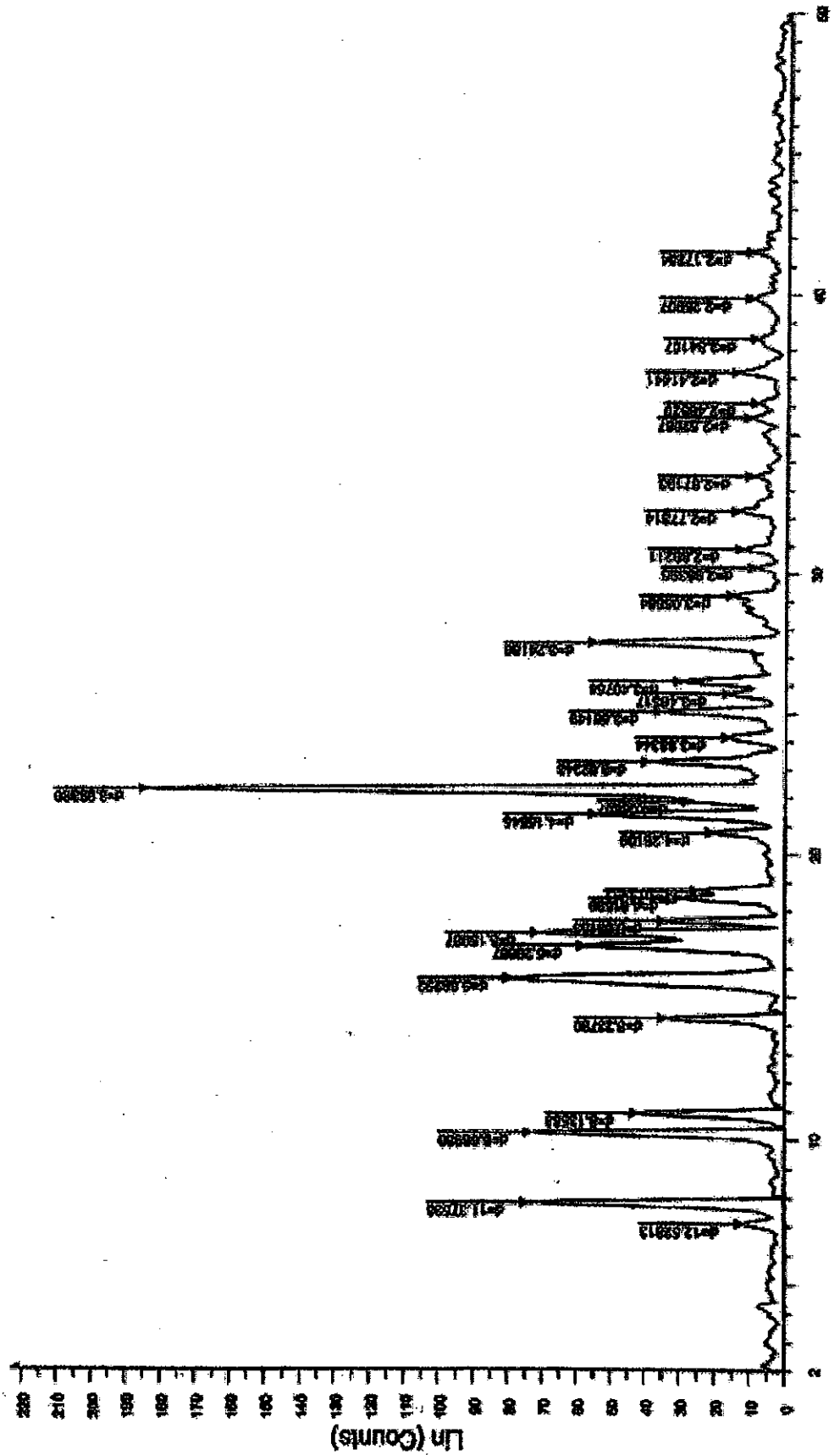


FIG 27

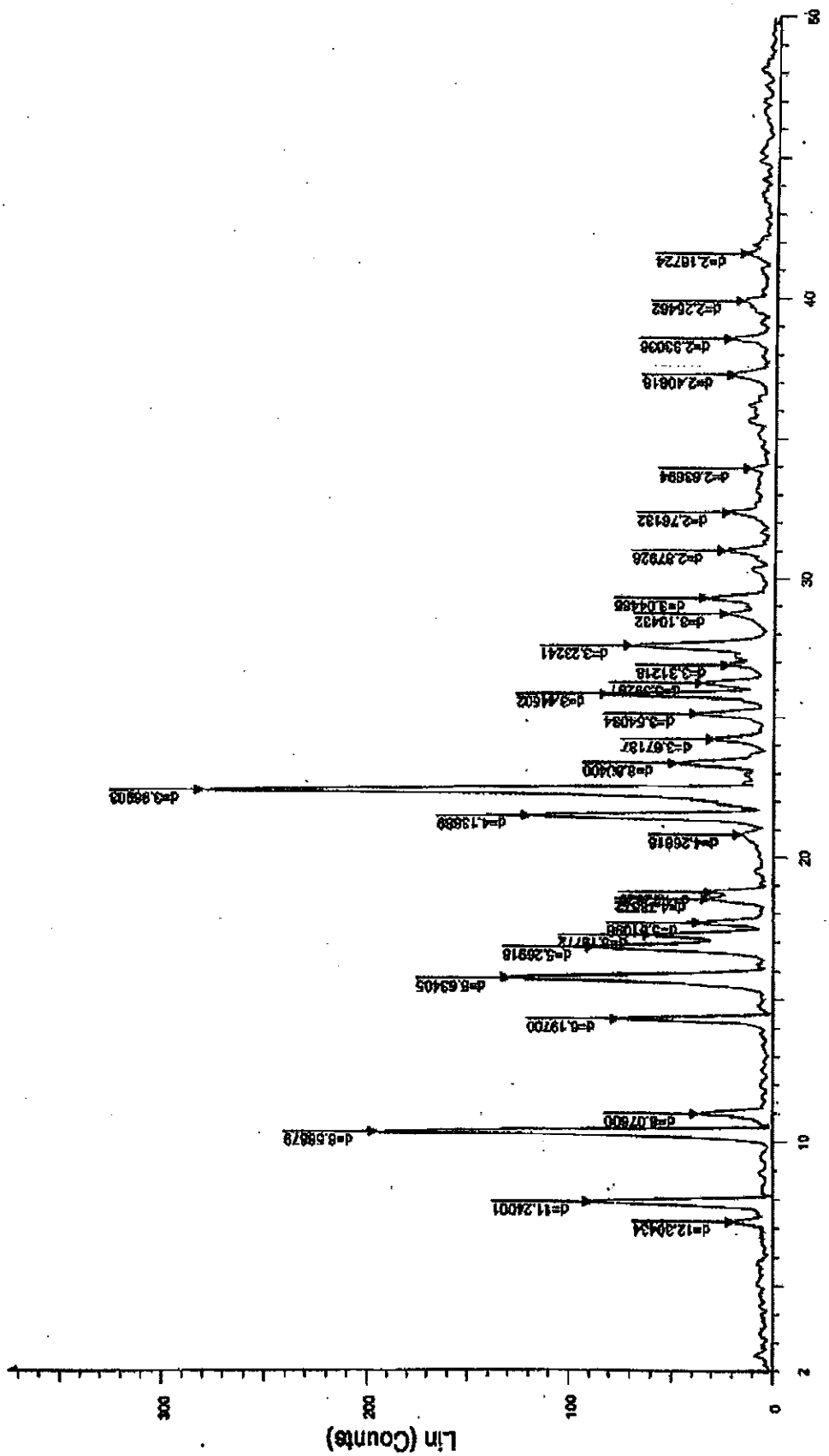

Lin (Counts)
0
100
200
300
2
10
20
30
40
50
d=12.30434
d=11.24001
d=8.58979
d=8.07800
d=8.19700
d=8.63405
d=5.26918
d=4.26818
d=4.13889
d=3.86903
d=3.67187
d=3.54084
d=3.44502
d=3.23241
d=3.10432
d=2.87926
d=2.76132
d=2.63584
d=2.40618
d=2.33036
d=2.22462
d=2.18724

FIG 28

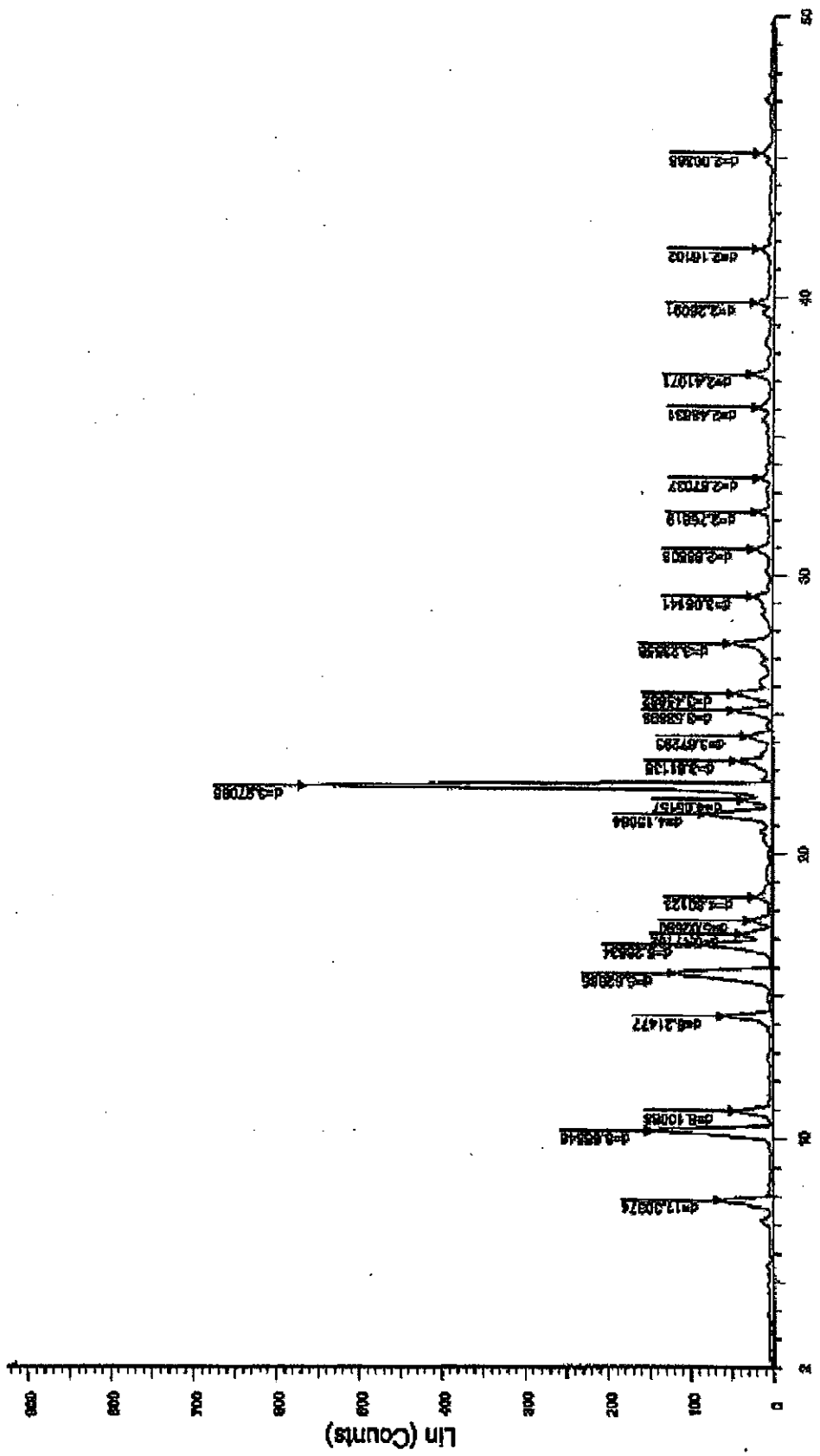


FIG 29