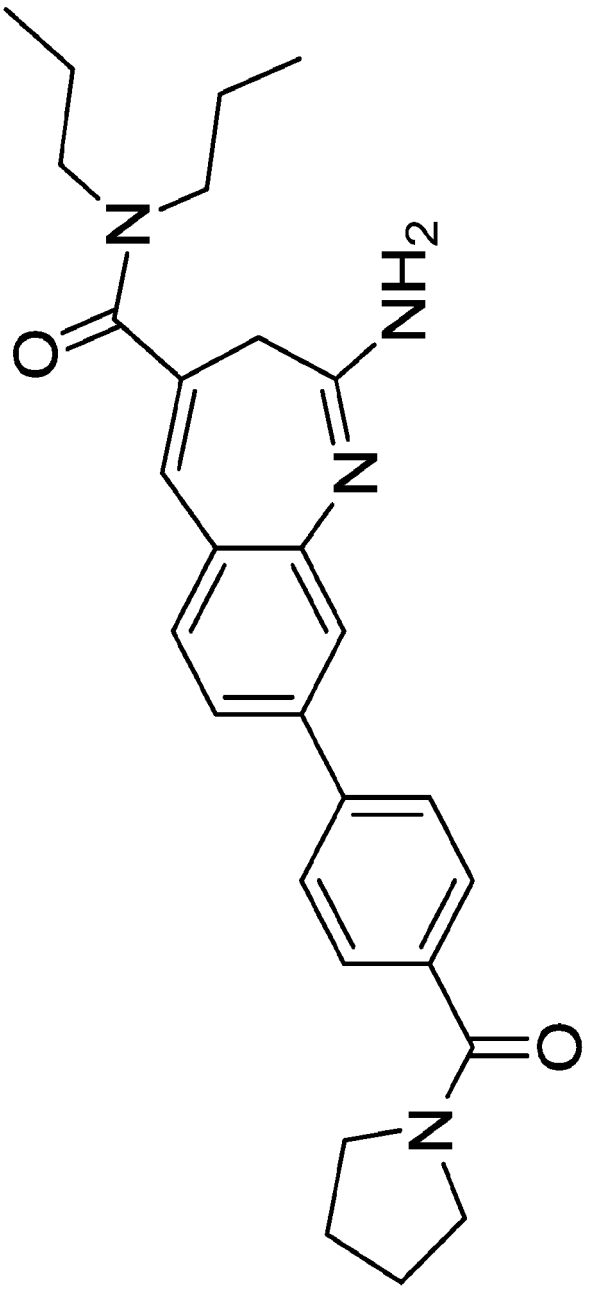


FIG. 1

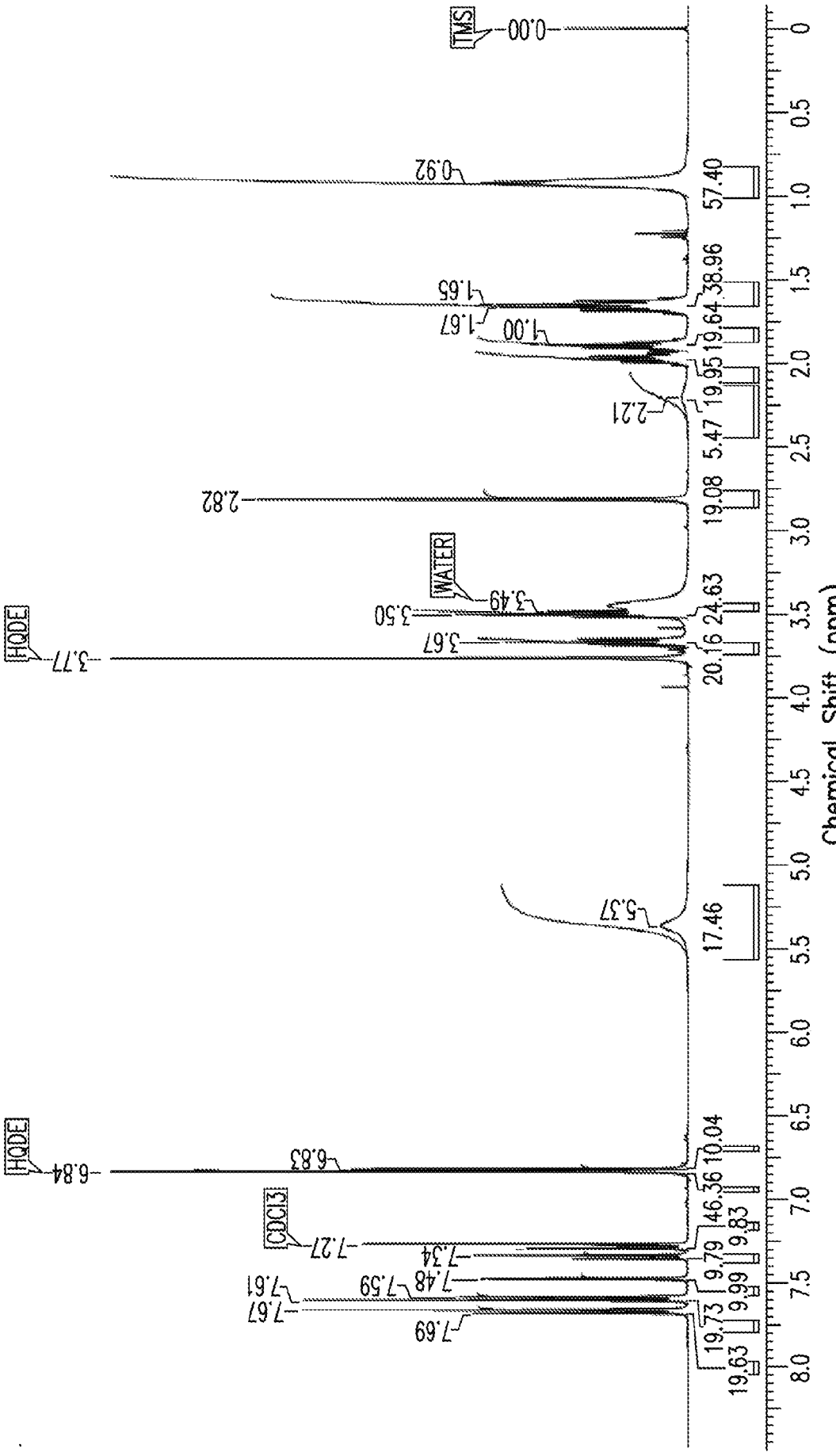

TMS
0.00
0.92
1.65
1.67
1.00
2.21
2.82
WATER
3.49
3.50
3.67
HODE
3.77
5.37
HODE
6.84
6.83
CDCl3
7.27
7.34
7.48
7.59
7.61
7.67
7.69
57.40
38.96
19.64
19.95
5.47
19.08
24.63
20.16
17.46
10.04
46.36
9.83
9.79
9.99
19.73
19.63
0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
6.0
6.5
7.0
7.5
8.0
Chemical Shift (ppm)

FIG. 2

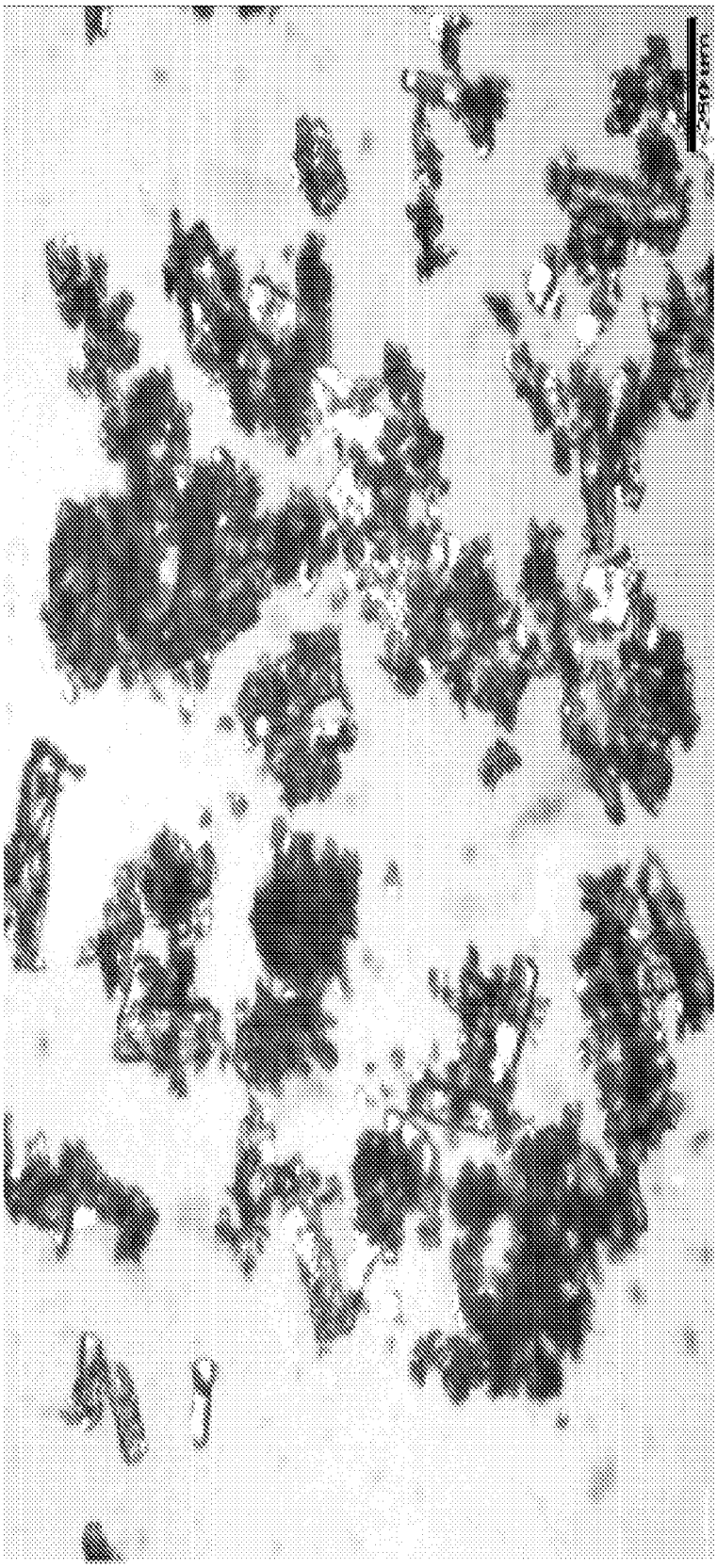


FIG. 3

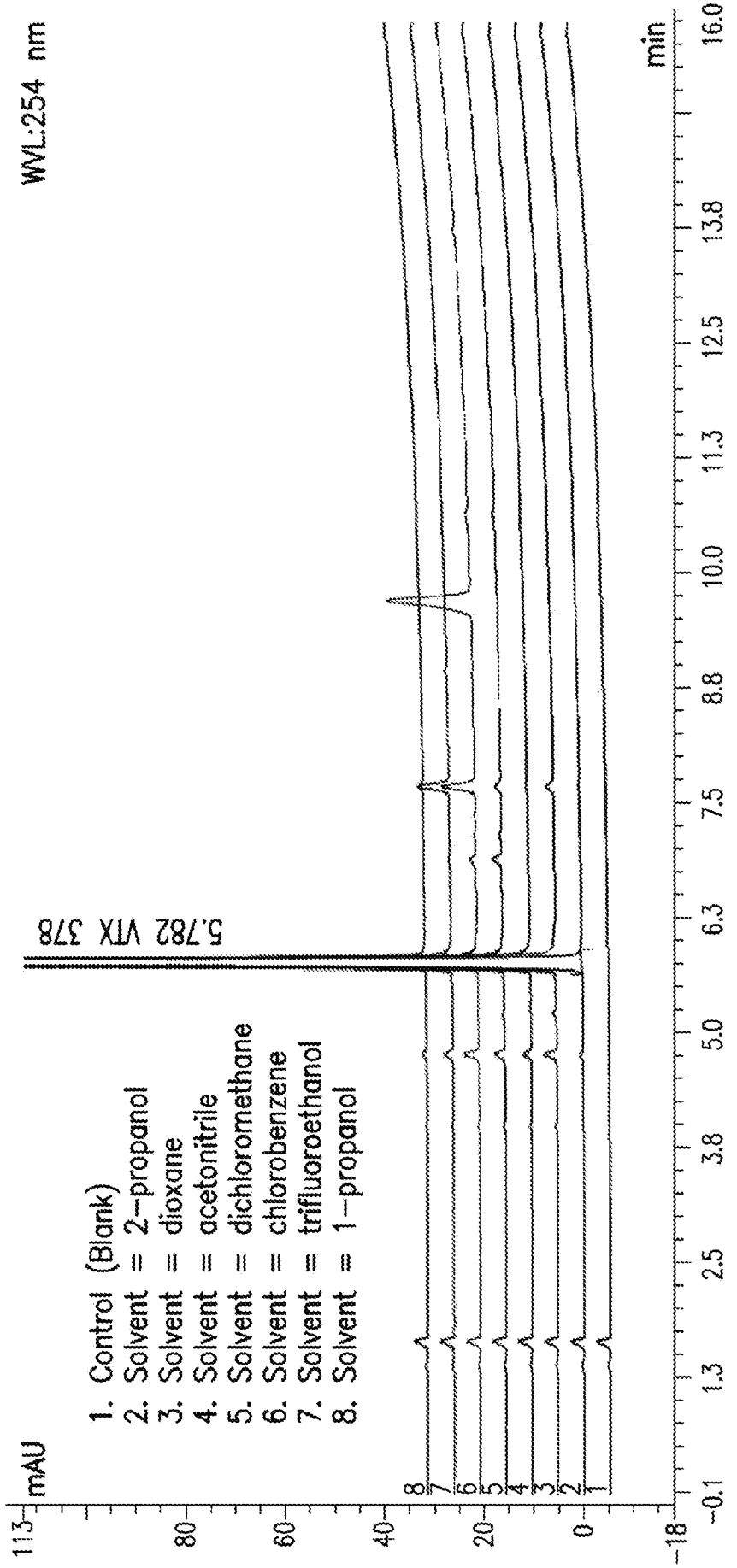

WVL:254 nm
mAU
min
1. Control (Blank)
2. Solvent = 2-propanol
3. Solvent = dioxane
4. Solvent = acetonitrile
5. Solvent = dichloromethane
6. Solvent = chlorobenzene
7. Solvent = trifluoroethanol
8. Solvent = 1-propanol
5.782 VTX 378
113
80
60
40
20
0
-18
-0.1
1.3
2.5
3.8
5.0
6.3
7.5
8.8
10.0
11.3
12.5
13.8
16.0

FIG. 4

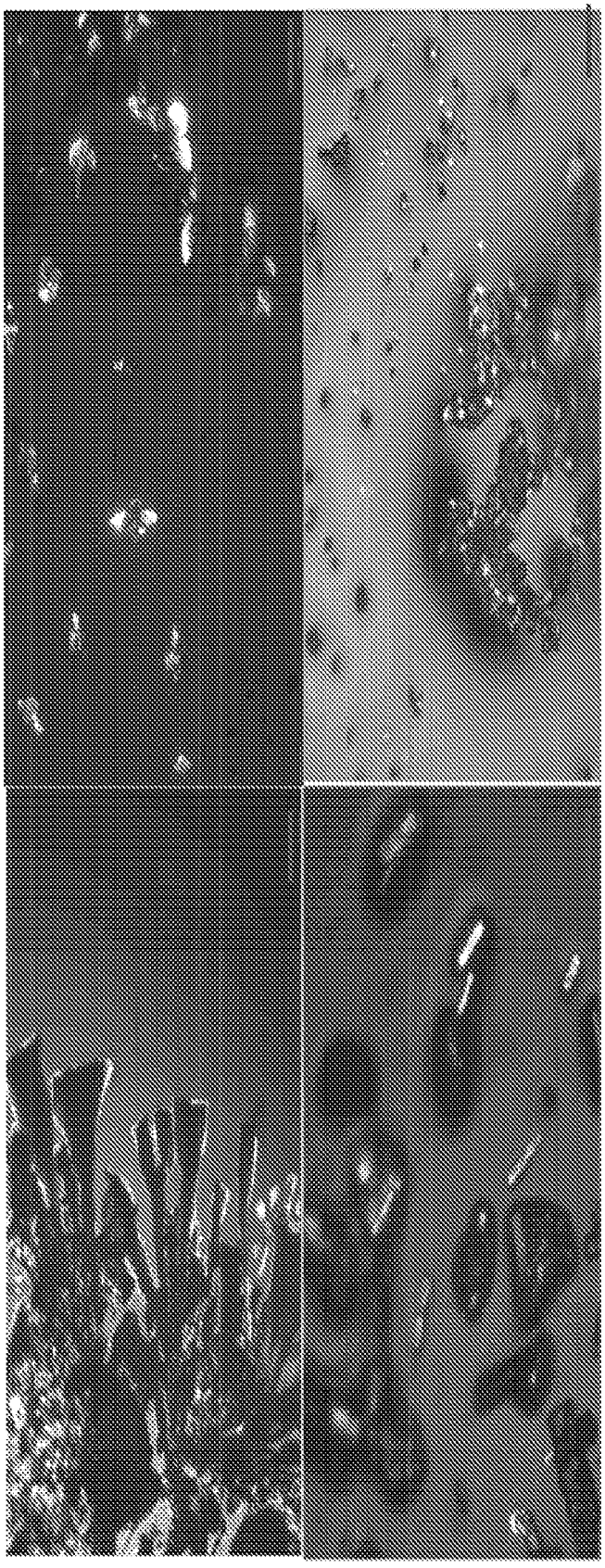


FIG. 5A FIG. 5B

FIG. 5C FIG. 5D

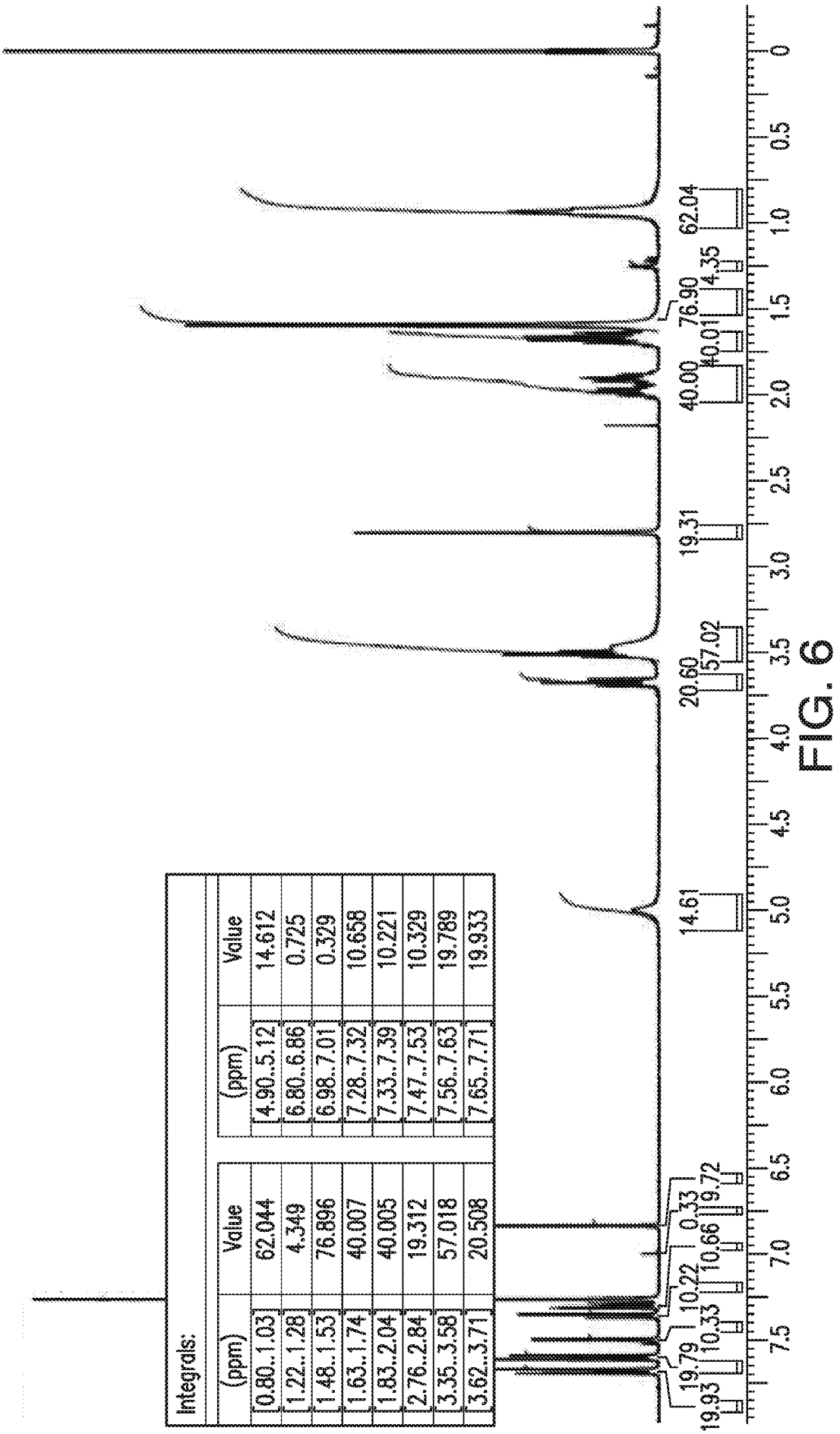

Integrals:
(ppm) Value
0.80..1.03 62.044
1.22..1.28 4.349
1.48..1.53 76.896
1.63..1.74 40.007
1.83..2.04 40.005
2.76..2.84 19.312
3.35..3.58 57.018
3.62..3.71 20.508
(ppm) Value
4.90..5.12 14.612
6.80..6.86 0.725
6.98..7.01 0.329
7.28..7.32 10.658
7.33..7.39 10.221
7.47..7.53 10.329
7.56..7.63 19.789
7.65..7.71 19.933
19.93
19.79
10.33
10.22
10.66
0.33
19.72
14.61
20.60
57.02
19.31
40.00
40.01
76.90
4.35
62.04
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0

FIG. 6

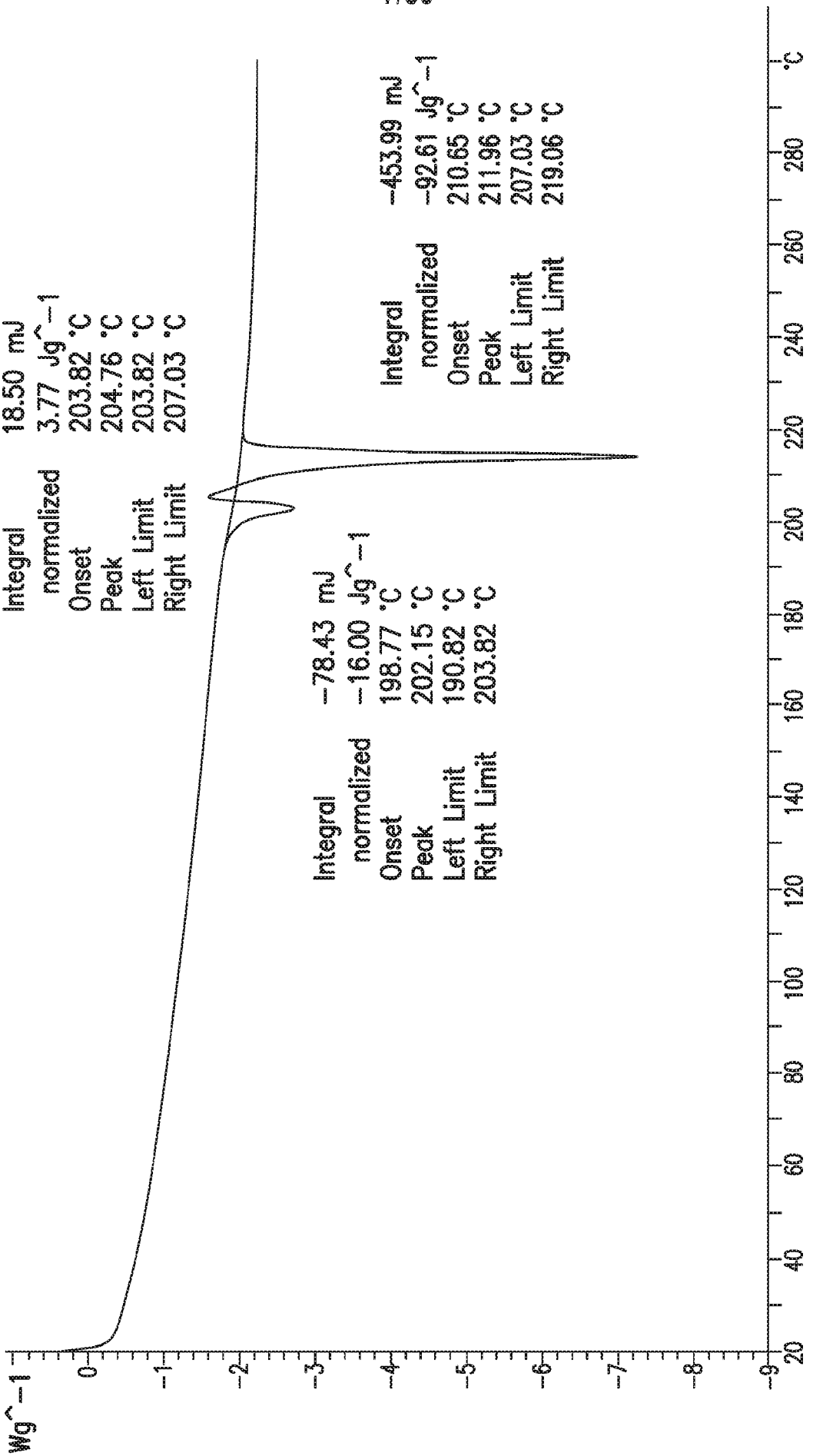

Integral 18.50 mJ
normalized 3.77 Jg^-1
Onset 203.82 °C
Peak 204.76 °C
Left Limit 203.82 °C
Right Limit 207.03 °C
Integral -78.43 mJ
normalized -16.00 Jg^-1
Onset 198.77 °C
Peak 202.15 °C
Left Limit 190.82 °C
Right Limit 203.82 °C
Integral -453.99 mJ
normalized -92.61 Jg^-1
Onset 210.65 °C
Peak 211.96 °C
Left Limit 207.03 °C
Right Limit 219.06 °C
Wg^-1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
20
40
60
80
100
120
140
160
180
200
220
240
260
280
°C

FIG. 7

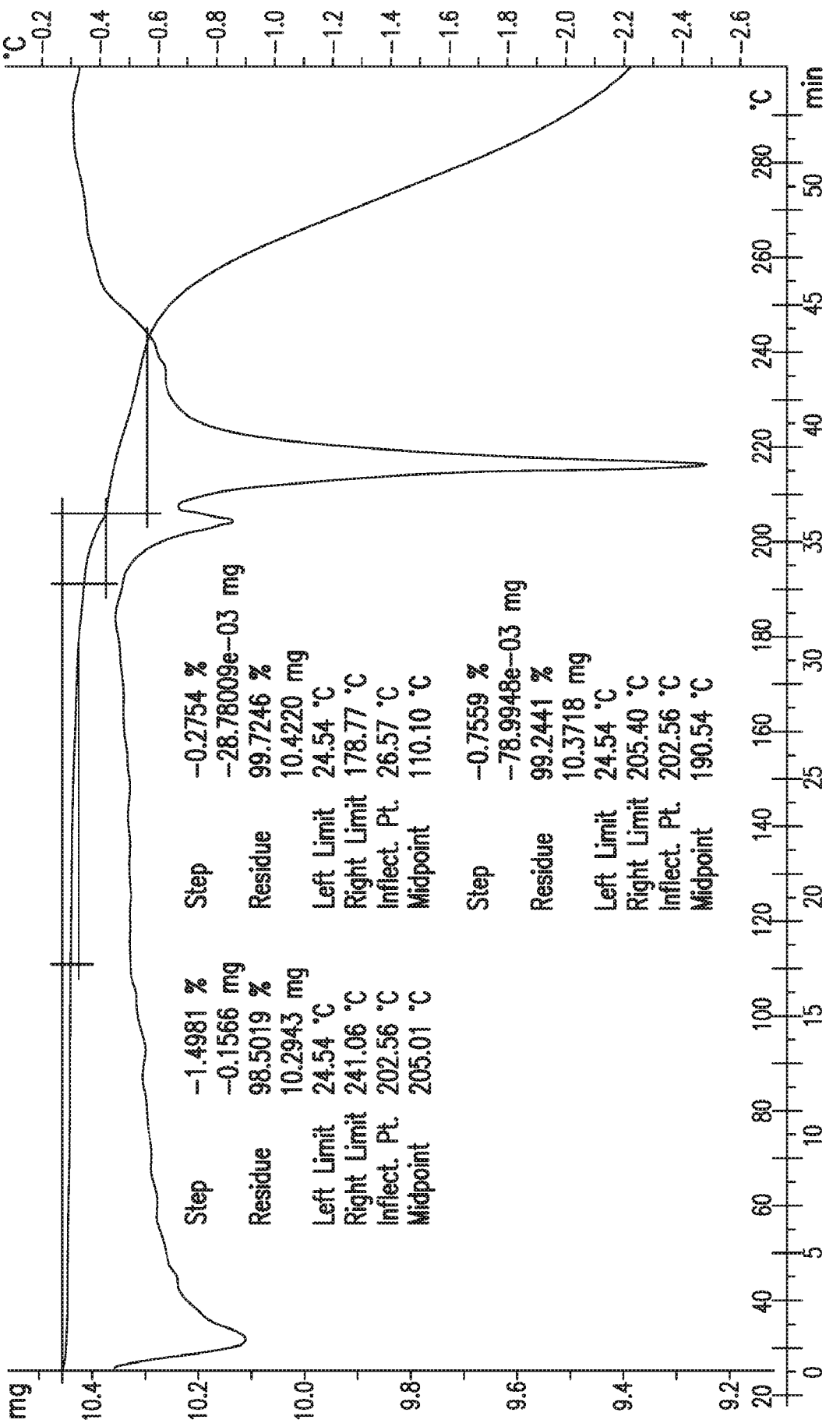

°C
mg
min
Step -1.4981 %
-0.1566 mg
Residue 98.5019 %
10.2943 mg
Left Limit 24.54 °C
Right Limit 241.06 °C
Inflect. Pt. 202.56 °C
Midpoint 205.01 °C
Step -0.2754 %
-28.78009e-03 mg
Residue 99.7246 %
10.4220 mg
Left Limit 24.54 °C
Right Limit 178.77 °C
Inflect. Pt. 26.57 °C
Midpoint 110.10 °C
Step -0.7559 %
-78.9948e-03 mg
Residue 99.2441 %
10.3718 mg
Left Limit 24.54 °C
Right Limit 205.40 °C
Inflect. Pt. 202.56 °C
Midpoint 190.54 °C

FIG. 8

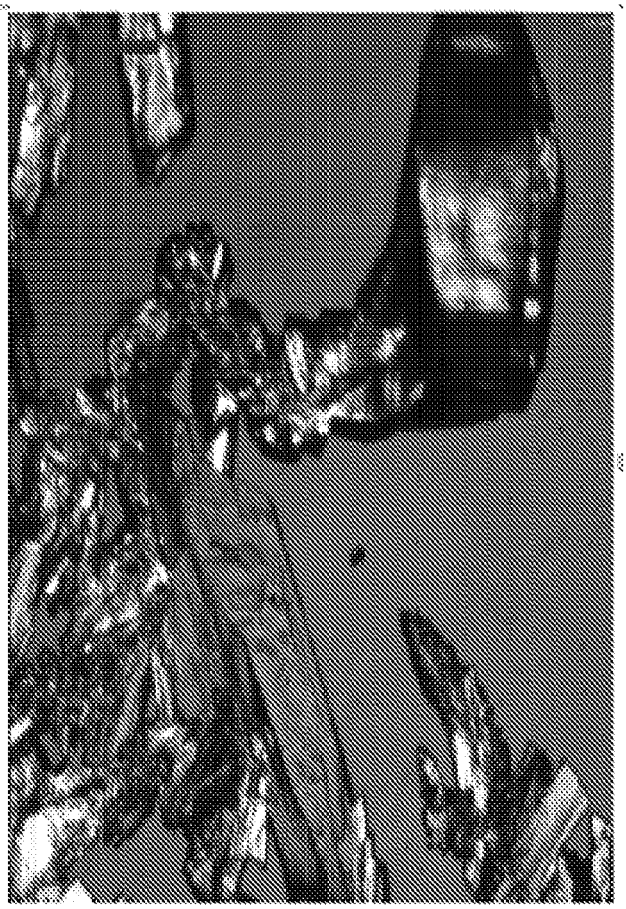


FIG. 9B



FIG. 9A

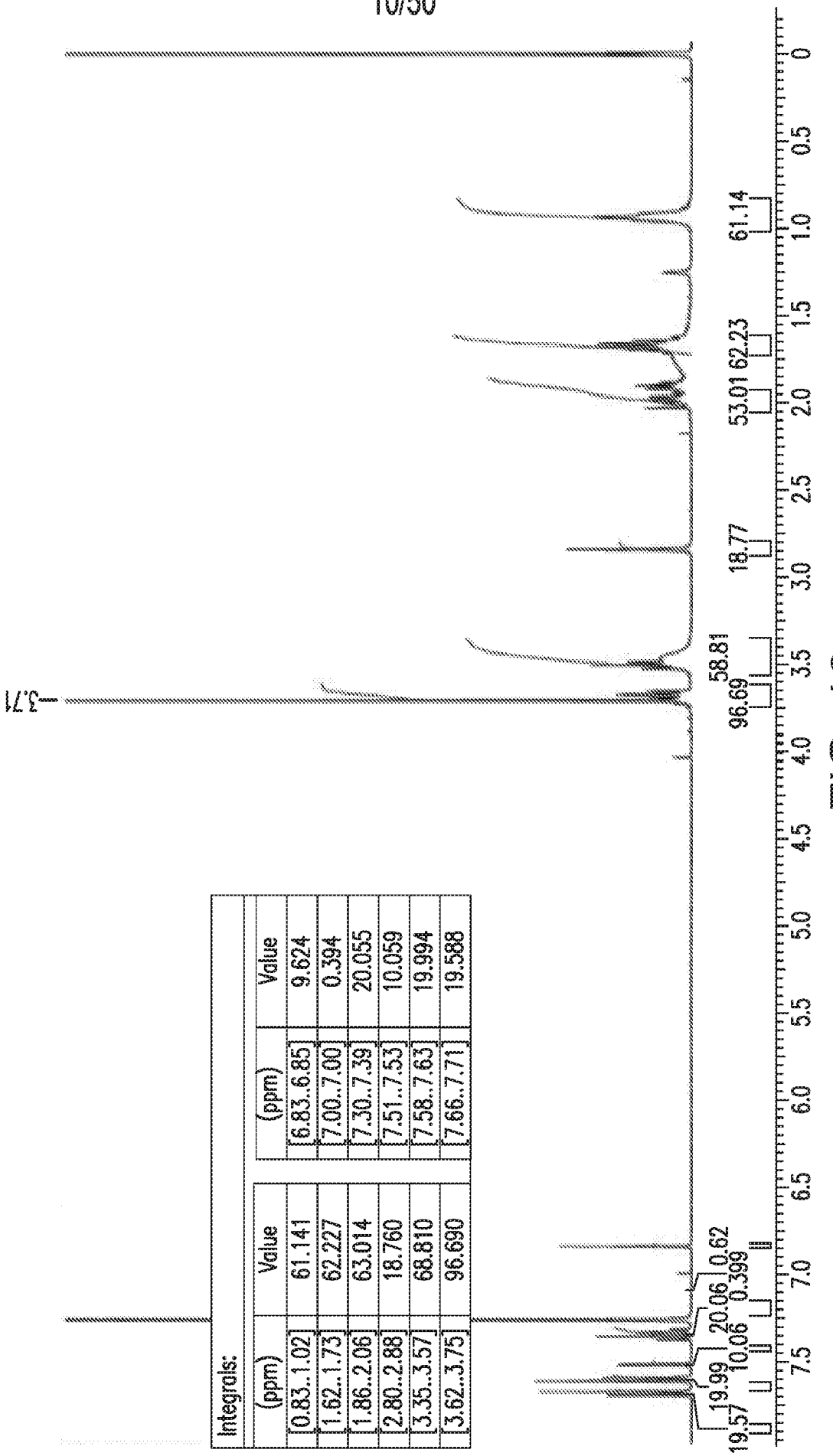

3.71
96.69
58.81
18.77
53.01
62.23
61.14
19.57
19.99
10.06
20.06
0.399
0.62
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
Integrals:
(ppm) Value
[0.83..1.02] 61.141
[1.62..1.73] 62.227
[1.86..2.06] 63.014
[2.80..2.88] 18.760
[3.35..3.57] 68.810
[3.62..3.75] 96.690
(ppm) Value
[6.83..6.85] 9.624
[7.00..7.00] 0.394
[7.30..7.39] 20.055
[7.51..7.53] 10.059
[7.58..7.63] 19.994
[7.66..7.71] 19.588

FIG. 10

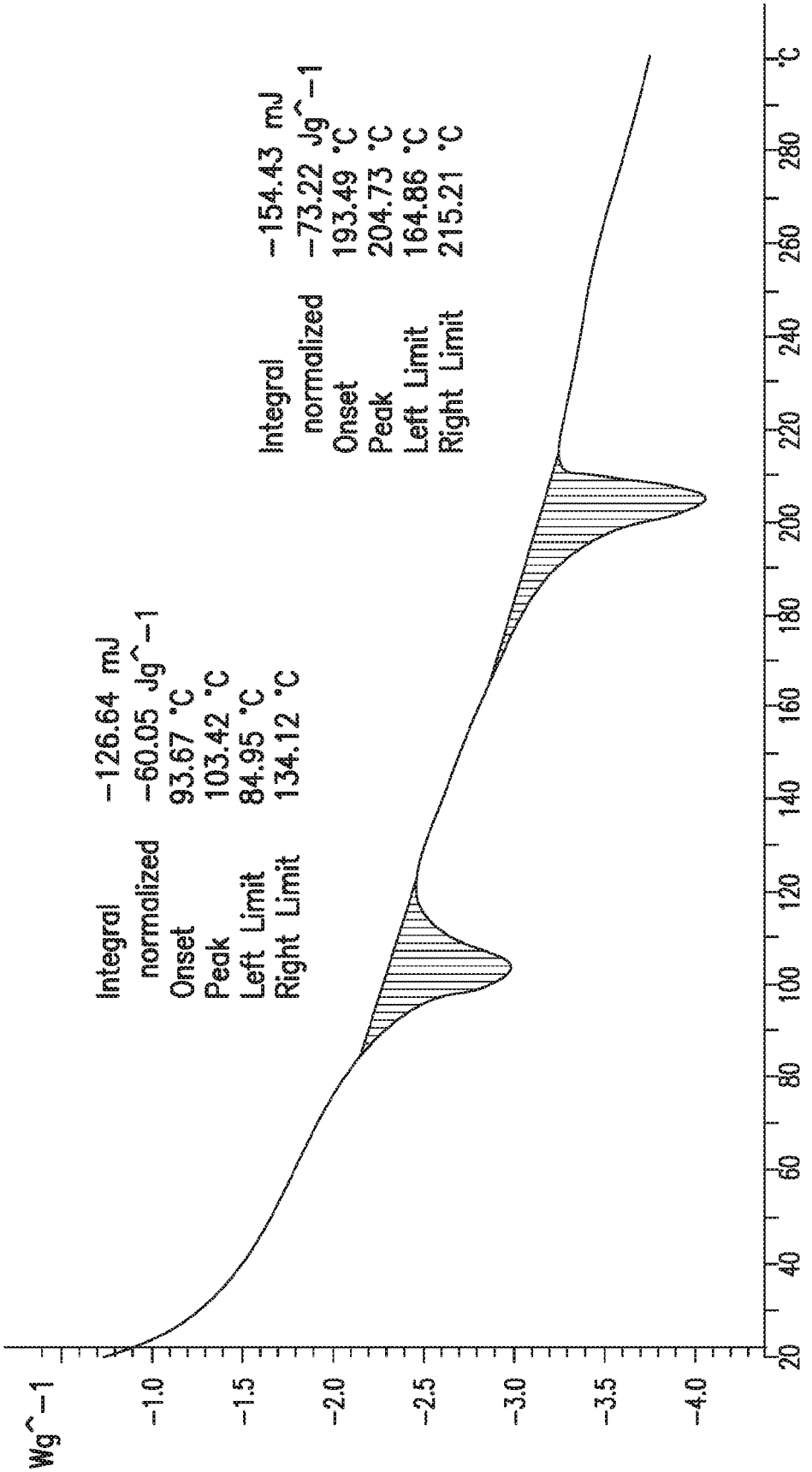

Integral −126.64 mJ
normalized −60.05 Jg^−1
Onset 93.67 °C
Peak 103.42 °C
Left Limit 84.95 °C
Right Limit 134.12 °C
Integral −154.43 mJ
normalized −73.22 Jg^−1
Onset 193.49 °C
Peak 204.73 °C
Left Limit 164.86 °C
Right Limit 215.21 °C
Wg^−1
−1.0
−1.5
−2.0
−2.5
−3.0
−3.5
−4.0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
°C

FIG. 11

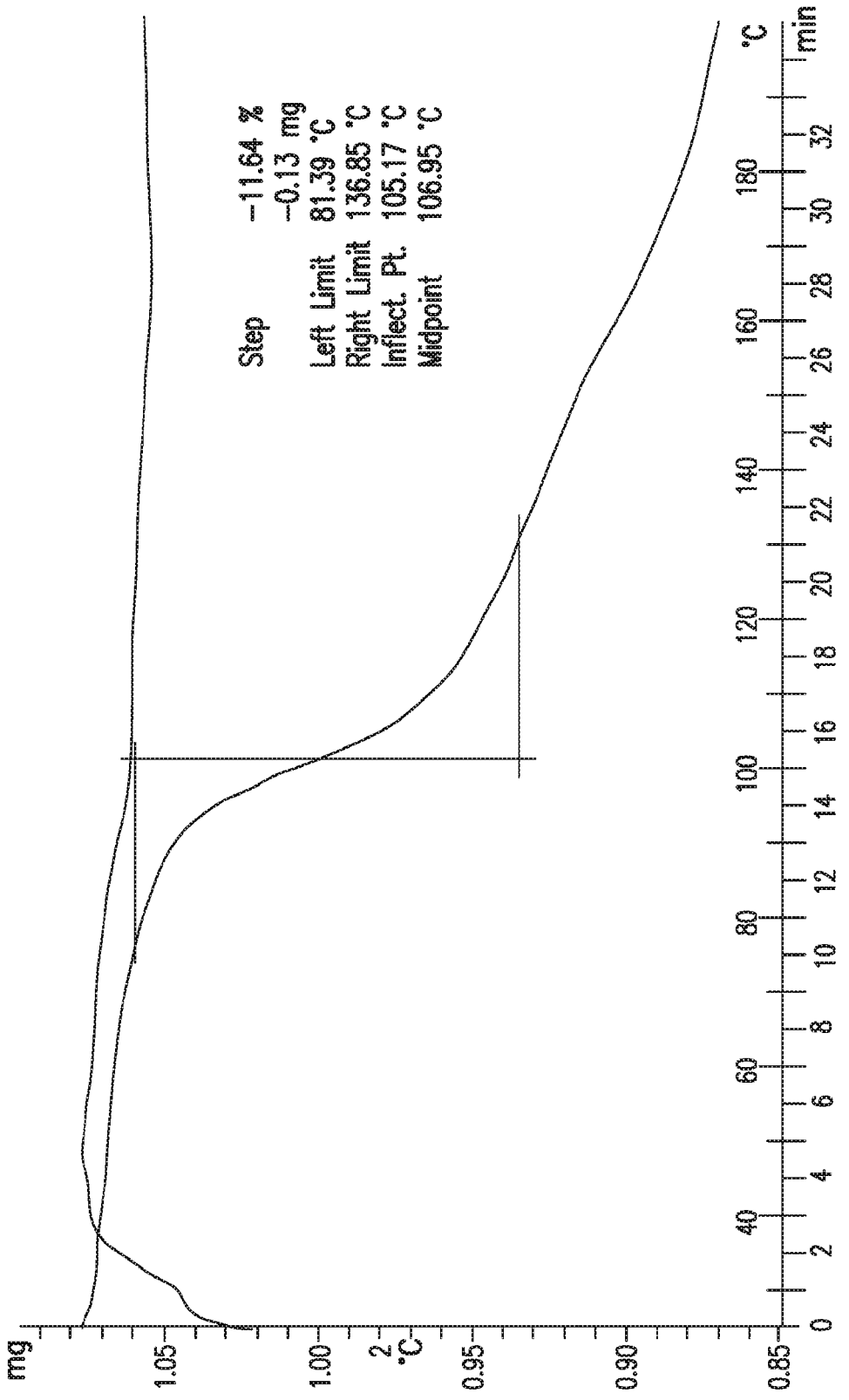

Step
Left Limit
Right Limit
Inflect. Pt.
Midpoint
−11.64 %
−0.13 mg
81.39 °C
136.85 °C
105.17 °C
106.95 °C
mg
°C
min
1.05
1.00
0.95
0.90
0.85
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
40
60
80
100
120
140
160
180

FIG. 12

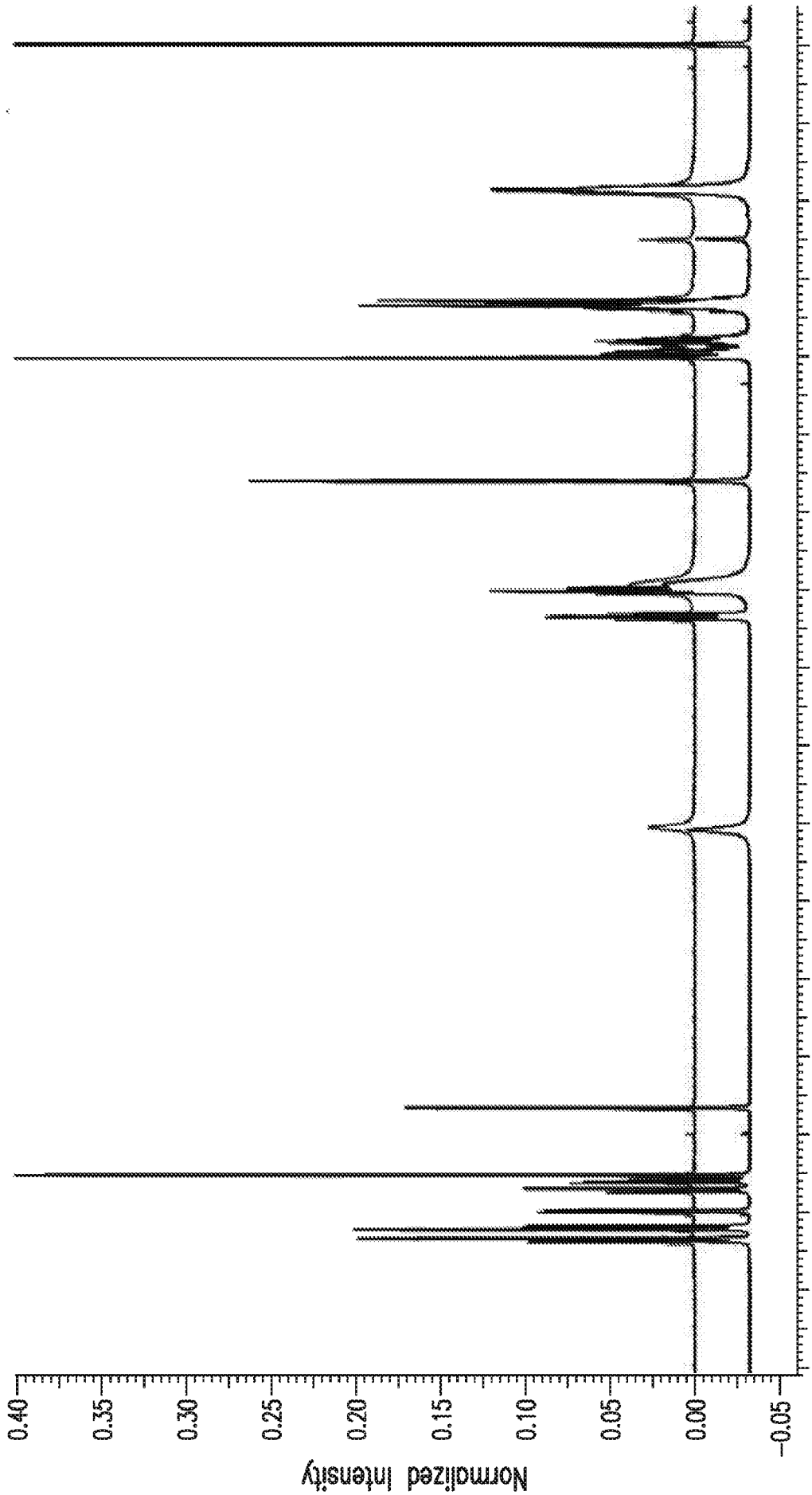

Normalized Intensity
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
Chemical Shift (ppm)
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0

FIG. 13

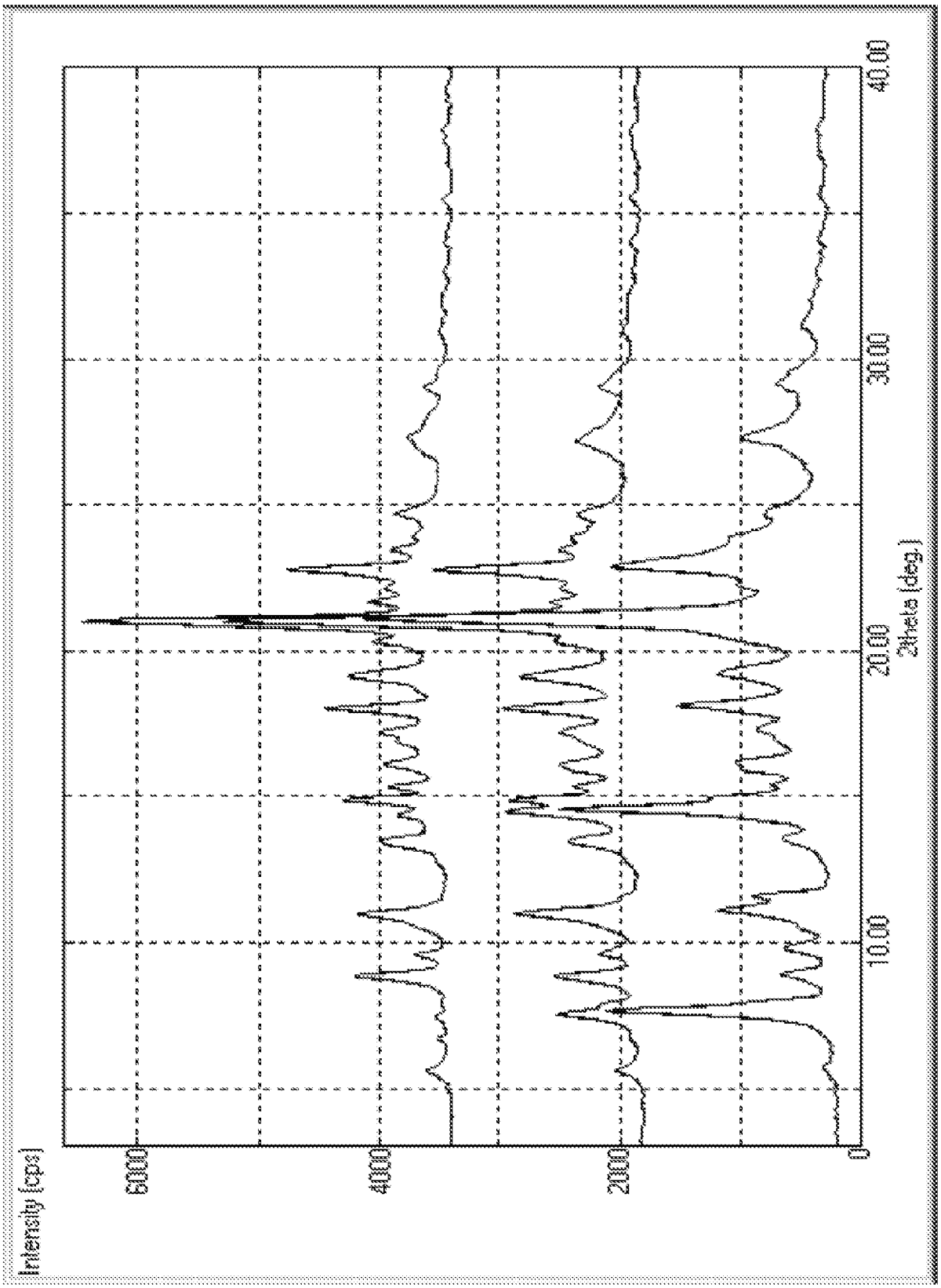

Intensity [cps]
6000
4000
2000
0
10.00
20.00
30.00
40.00
2theta [deg.]

FIG. 14

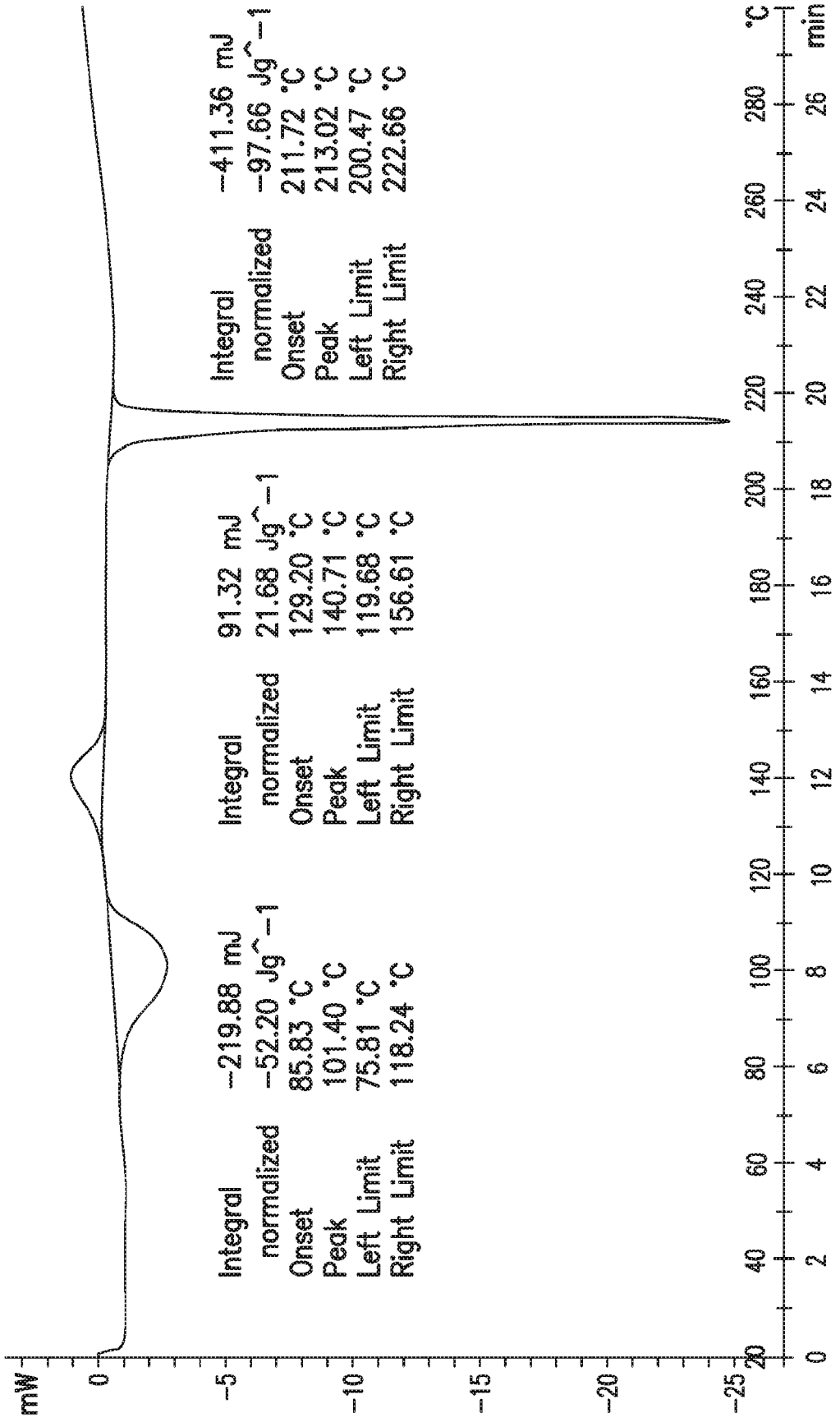

mW
0
-5
-10
-15
-20
-25
20
40
60
80
100
120
140
160
180
200
220
240
260
280
°C
0
2
4
6
8
10
12
14
16
18
20
22
24
26
min
Integral -219.88 mJ
normalized -52.20 Jg^-1
Onset 85.83 °C
Peak 101.40 °C
Left Limit 75.81 °C
Right Limit 118.24 °C
Integral 91.32 mJ
normalized 21.68 Jg^-1
Onset 129.20 °C
Peak 140.71 °C
Left Limit 119.68 °C
Right Limit 156.61 °C
Integral -411.36 mJ
normalized -97.66 Jg^-1
Onset 211.72 °C
Peak 213.02 °C
Left Limit 200.47 °C
Right Limit 222.66 °C

FIG. 15

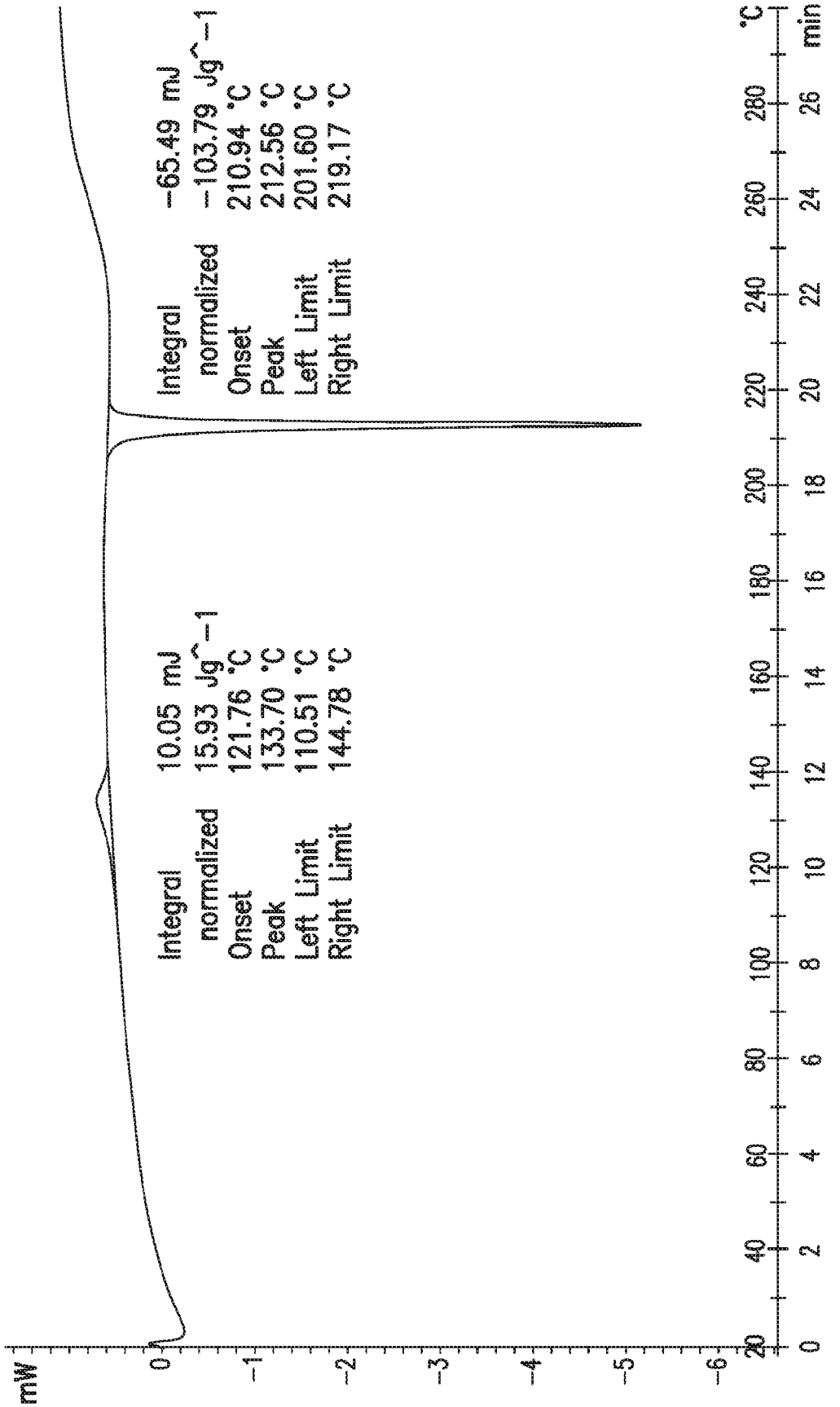

Integral 10.05 mJ
normalized 15.93 Jg^-1
Onset 121.76 °C
Peak 133.70 °C
Left Limit 110.51 °C
Right Limit 144.78 °C
Integral -65.49 mJ
normalized -103.79 Jg^-1
Onset 210.94 °C
Peak 212.56 °C
Left Limit 201.60 °C
Right Limit 219.17 °C
mW
0
-1
-2
-3
-4
-5
-6
0
2
4
6
8
10
12
14
16
18
20
22
24
26
min
40
60
80
100
120
140
160
180
200
220
240
260
280
°C

FIG. 16

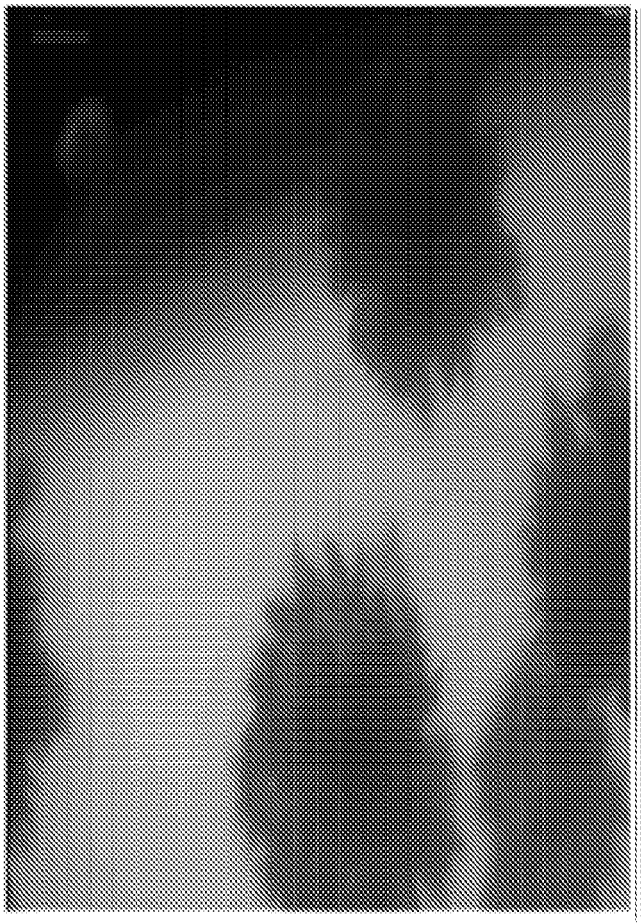


FIG. 17A

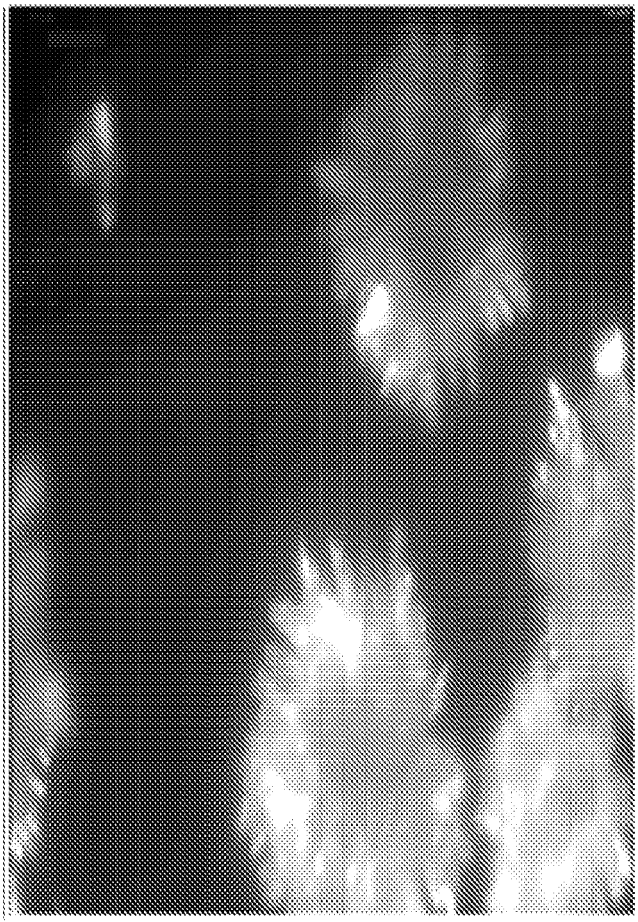


FIG. 17B

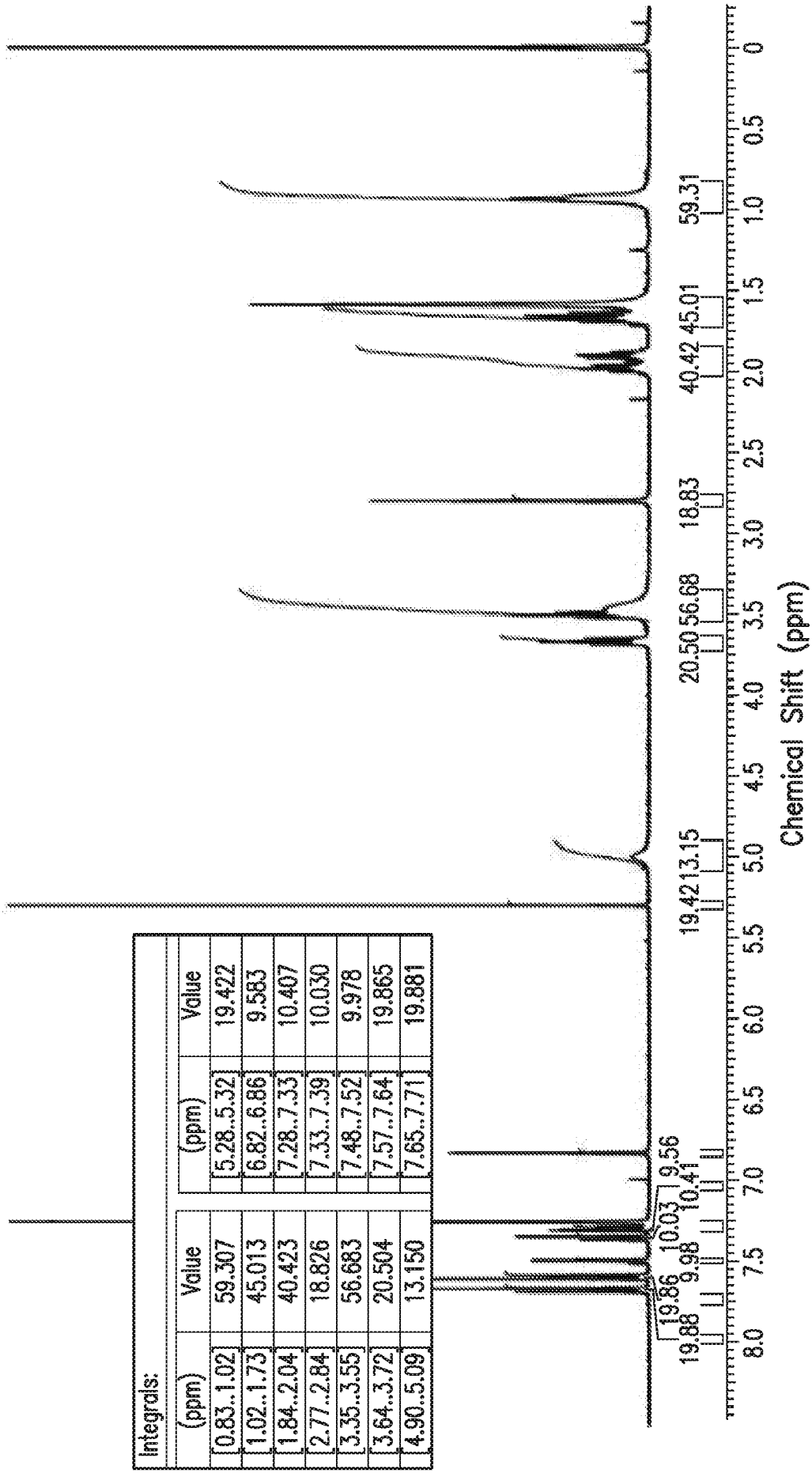

Integrals:
(ppm) Value
[0.83..1.02] 59.307
[1.02..1.73] 45.013
[1.84..2.04] 40.423
[2.77..2.84] 18.826
[3.35..3.55] 56.683
[3.64..3.72] 20.504
[4.90..5.09] 13.150
(ppm) Value
[5.28..5.32] 19.422
[6.82..6.86] 9.583
[7.28..7.33] 10.407
[7.33..7.39] 10.030
[7.48..7.52] 9.978
[7.57..7.64] 19.865
[7.65..7.71] 19.881
19.88
19.86
9.98
10.03
10.41
9.56
19.42
13.15
20.50
56.68
18.83
40.42
45.01
59.31
Chemical Shift (ppm)

FIG. 18

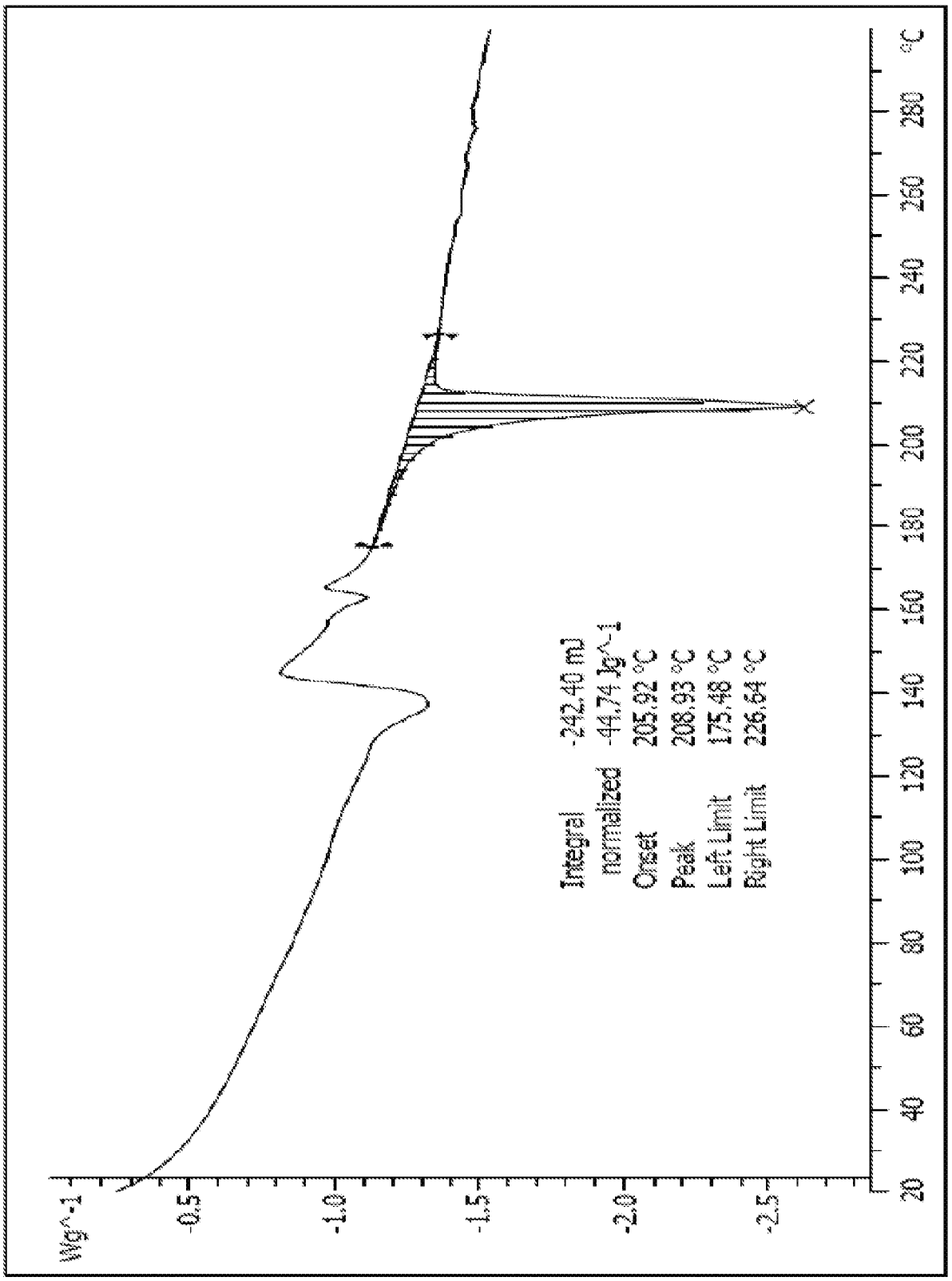

Wg^-1
-0.5
-1.0
-1.5
-2.0
-2.5
20
40
60
80
100
120
140
160
180
200
220
240
260
280
°C
Integral -242.40 mJ
normalized -44.74 Jg^-1
Onset 205.92 °C
Peak 208.93 °C
Left Limit 175.48 °C
Right Limit 226.64 °C

FIG. 19

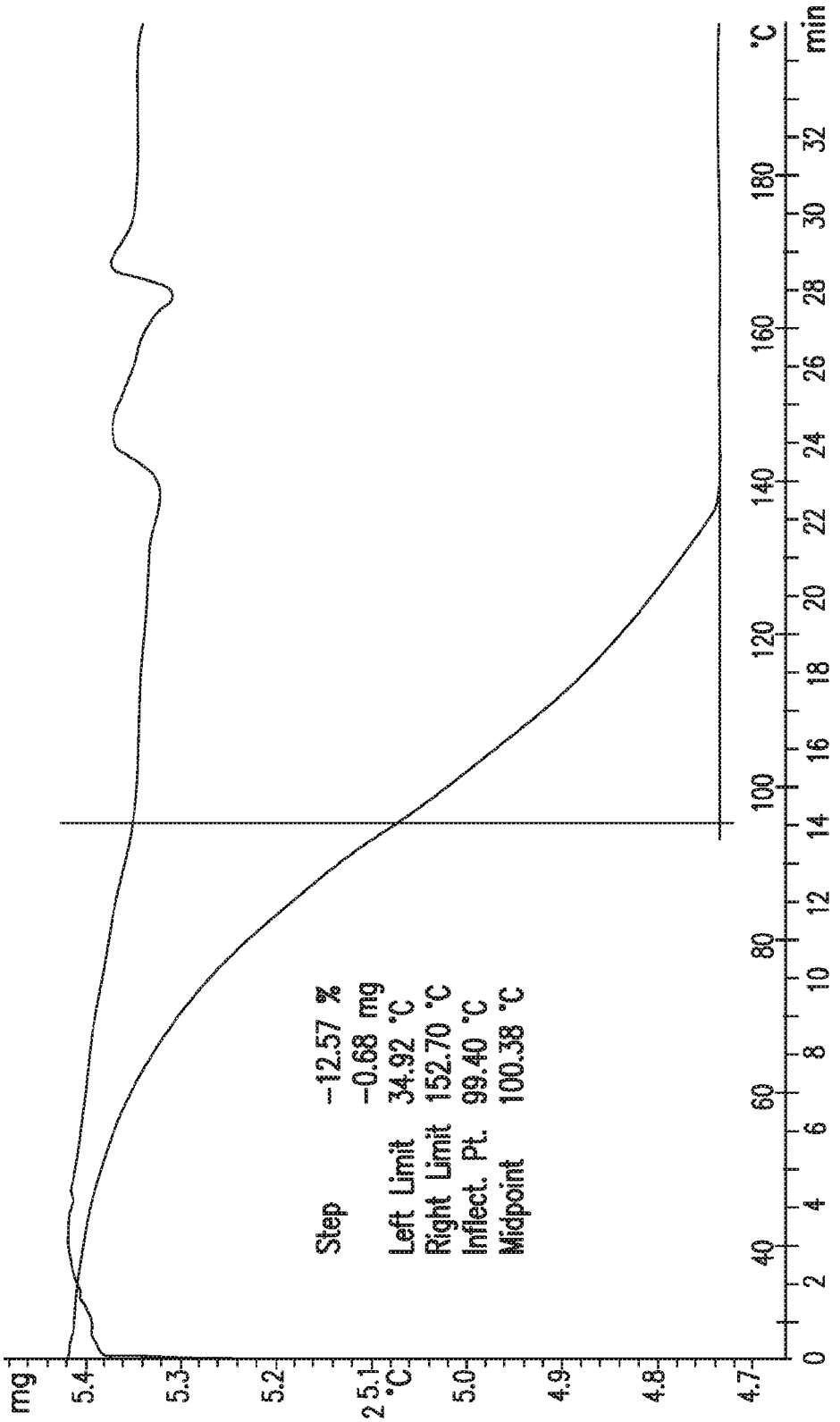

mg
5.4
5.3
5.2
5.1
5.0
4.9
4.8
4.7
°C
Step -12.57 %
-0.68 mg
Left Limit 34.92 °C
Right Limit 152.70 °C
Inflect. Pt. 99.40 °C
Midpoint 100.38 °C
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
min
40
60
80
100
120
140
160
180
°C

FIG. 20



FIG. 21A



FIG. 21B

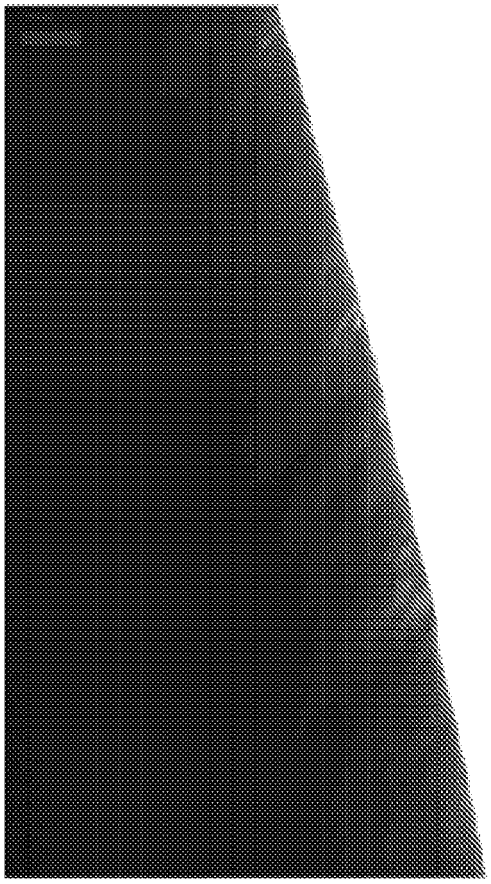


FIG. 22A

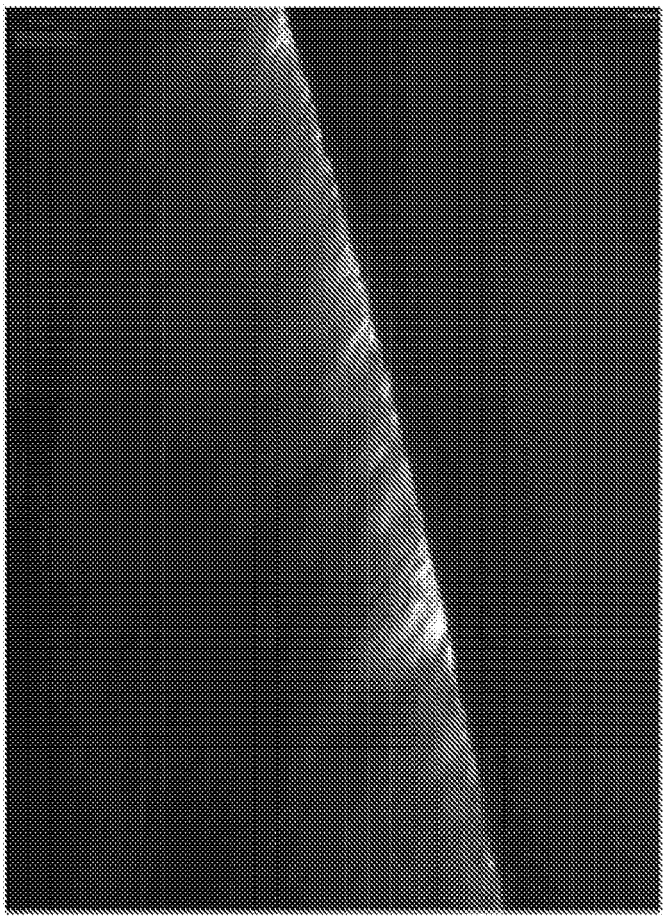


FIG. 22B

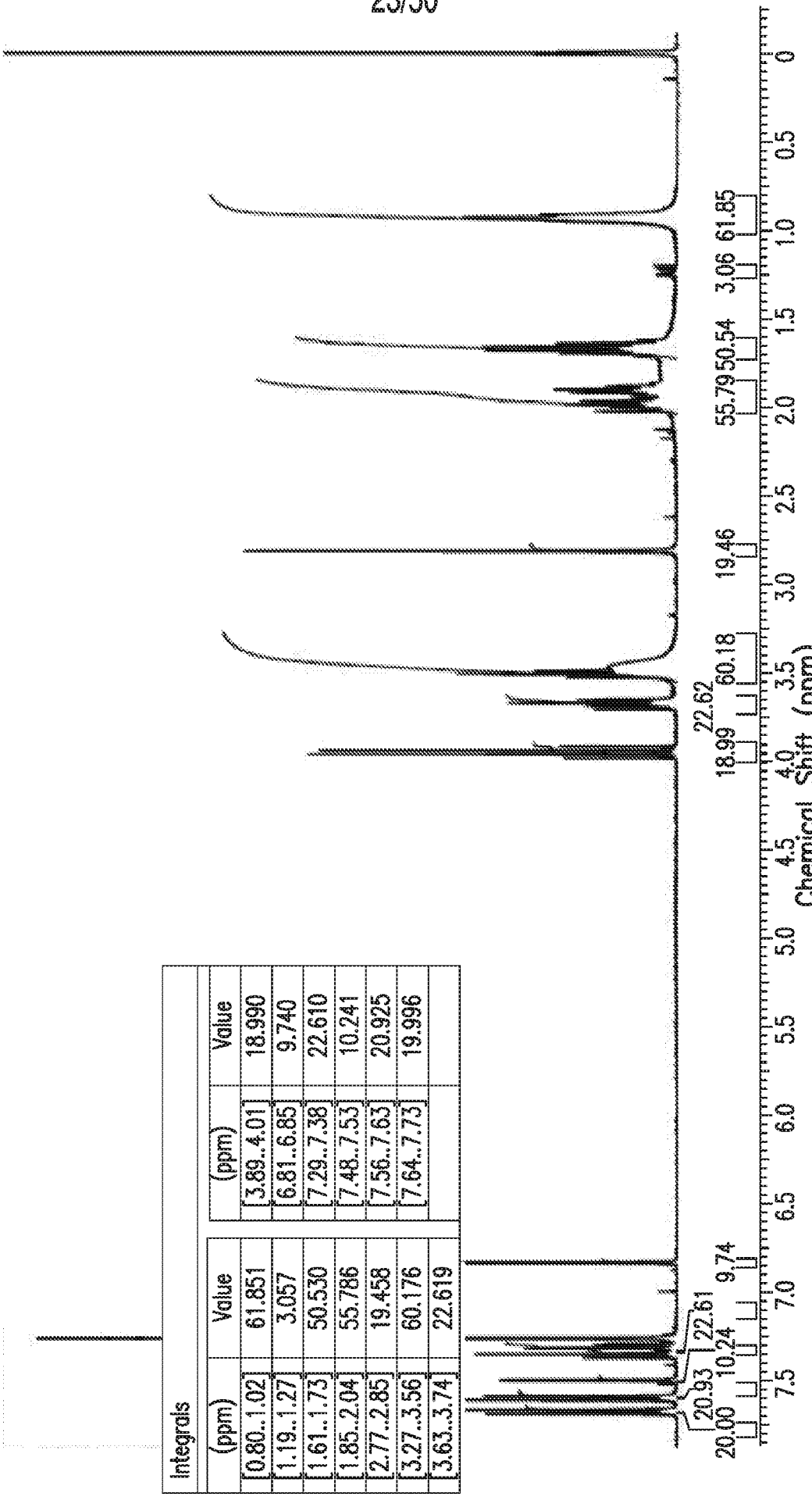

Integrals
(ppm) Value
[0.80..1.02] 61.851
[1.19..1.27] 3.057
[1.61..1.73] 50.530
[1.85..2.04] 55.786
[2.77..2.85] 19.458
[3.27..3.56] 60.176
[3.63..3.74] 22.619
(ppm) Value
[3.89..4.01] 18.990
[6.81..6.85] 9.740
[7.29..7.38] 22.610
[7.48..7.53] 10.241
[7.56..7.63] 20.925
[7.64..7.73] 19.996
20.00
20.93
10.24
22.61
9.74
18.99
22.62
60.18
19.46
55.79
50.54
3.06
61.85
Chemical Shift (ppm)

FIG. 23

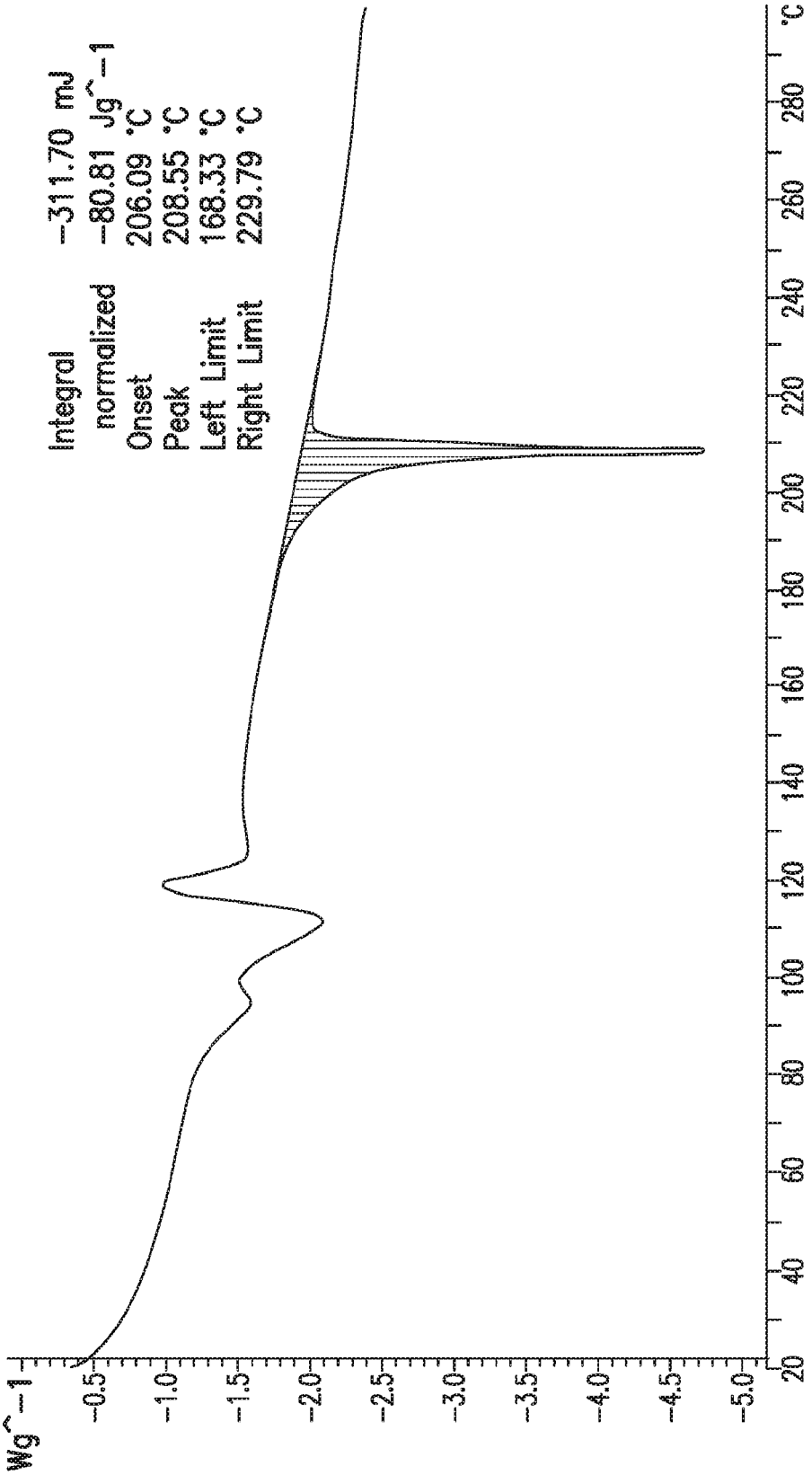

Integral -311.70 mJ
normalized -80.81 Jg^-1
Onset 206.09 °C
Peak 208.55 °C
Left Limit 168.33 °C
Right Limit 229.79 °C
Wg^-1
-0.5
-1.0
-1.5
-2.0
-2.5
-3.0
-3.5
-4.0
-4.5
-5.0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
°C

FIG. 24

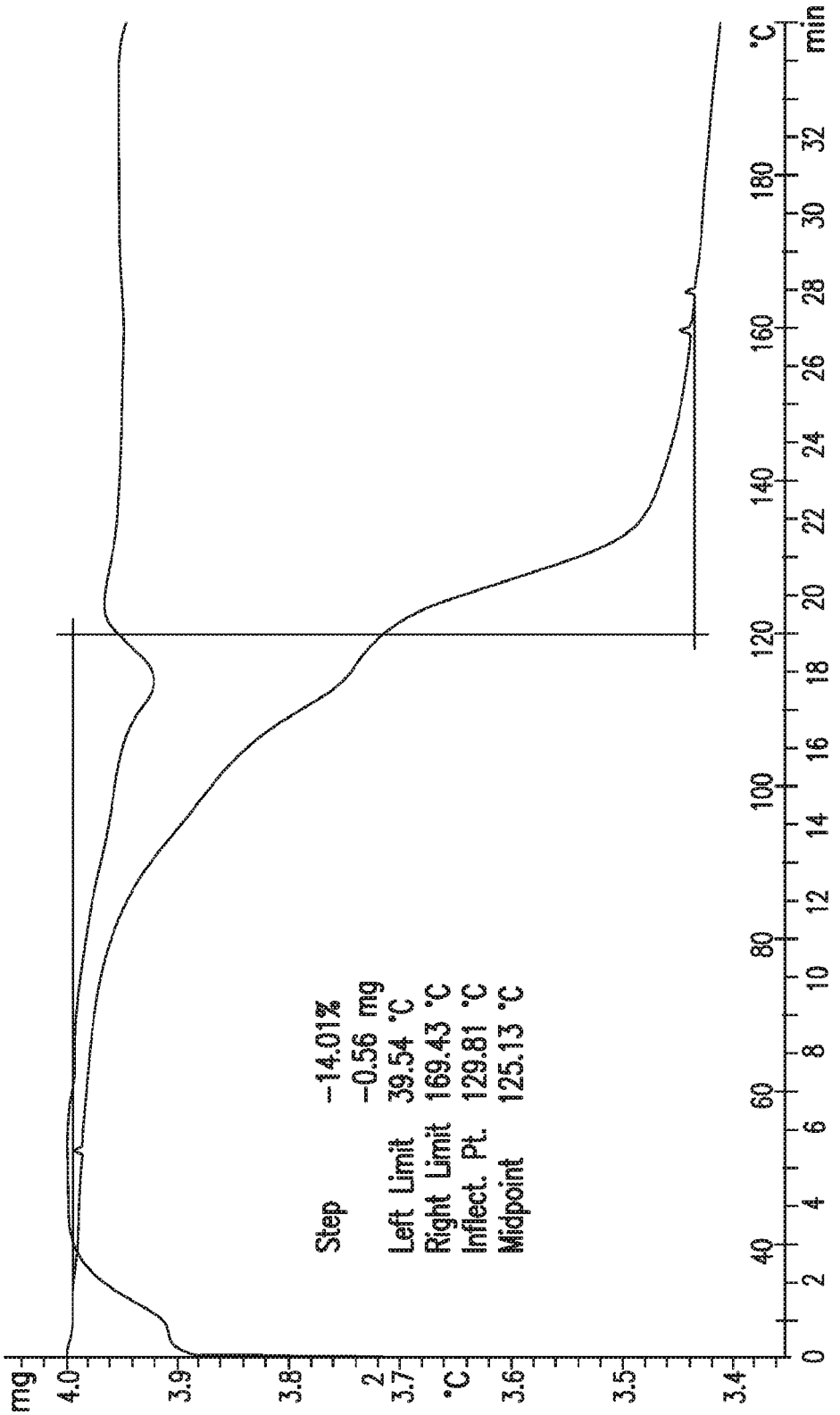

mg
4.0
3.9
3.8
3.7
3.6
3.5
3.4
°C
Step -14.01%
-0.56 mg
Left Limit 39.54 °C
Right Limit 169.43 °C
Inflect. Pt. 129.81 °C
Midpoint 125.13 °C
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 min
40 60 80 100 120 140 160 180 °C

FIG. 25



FIG. 26B

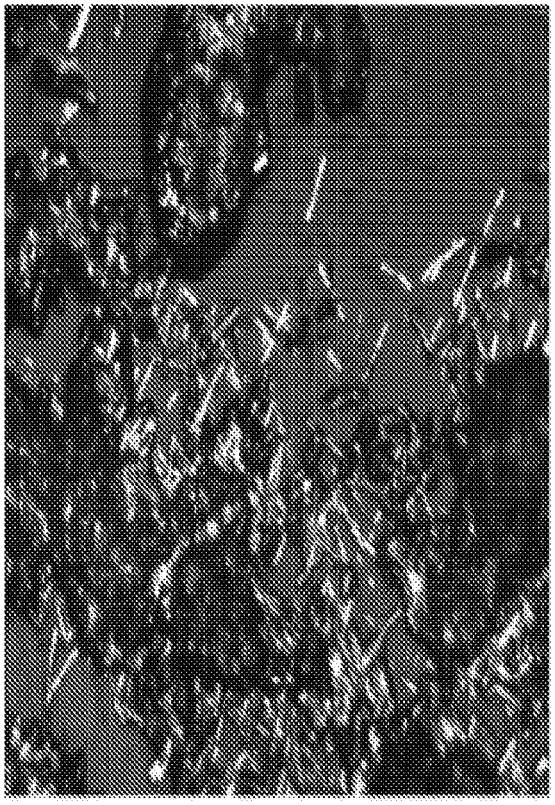


FIG. 26D

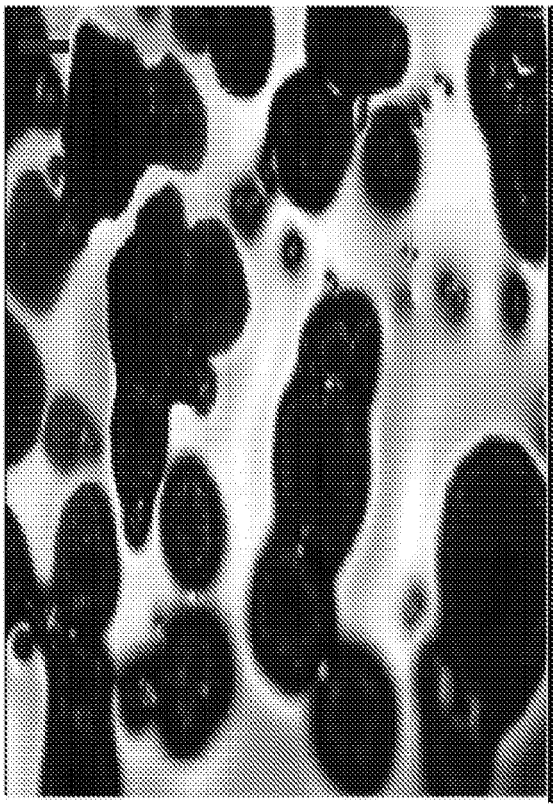


FIG. 26A

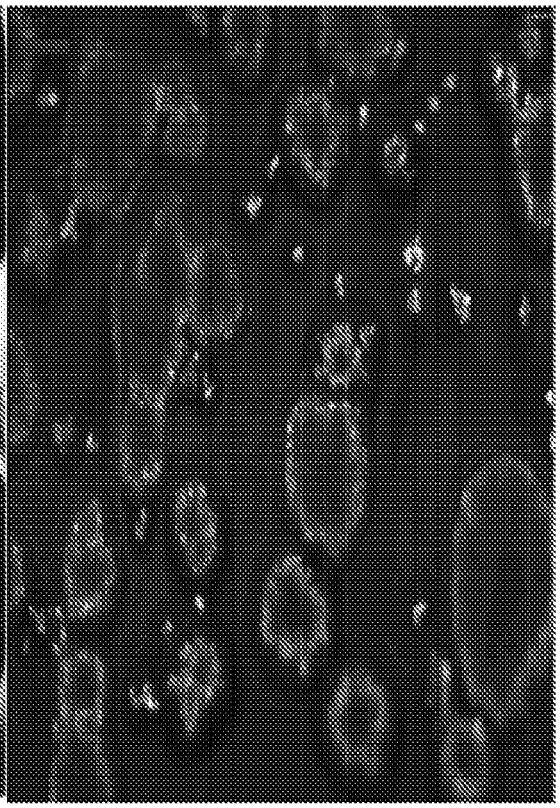


FIG. 26C

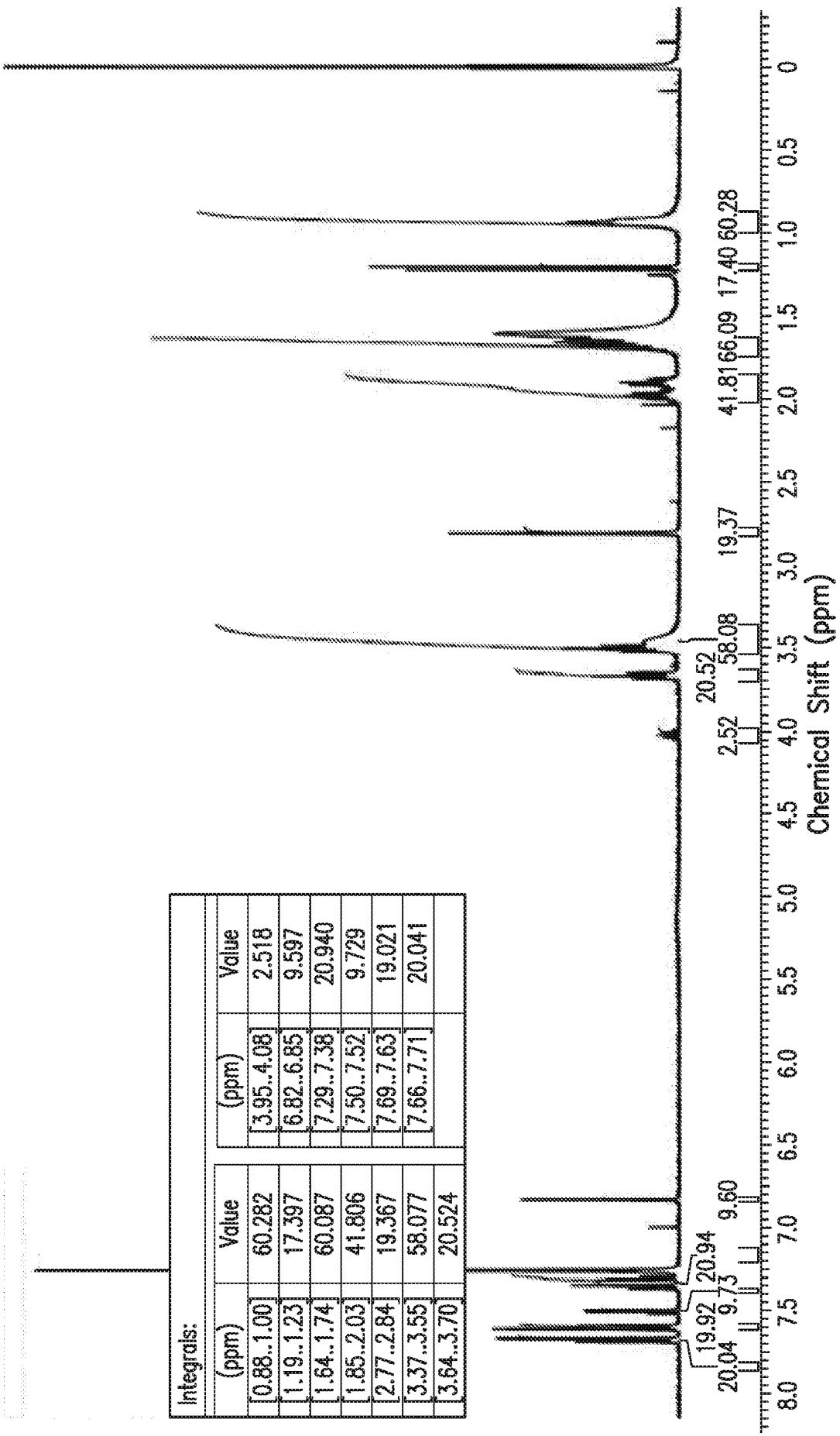

Integrals:
(ppm) Value
[0.88..1.00] 60.282
[1.19..1.23] 17.397
[1.64..1.74] 60.087
[1.85..2.03] 41.806
[2.77..2.84] 19.367
[3.37..3.55] 58.077
[3.64..3.70] 20.524
(ppm) Value
[3.95..4.08] 2.518
[6.82..6.85] 9.597
[7.29..7.38] 20.940
[7.50..7.52] 9.729
[7.69..7.63] 19.021
[7.66..7.71] 20.041
19.92
20.04
9.73
20.94
9.60
20.52
2.52
58.08
19.37
41.81
66.09
17.40
60.28
Chemical Shift (ppm)

FIG. 27

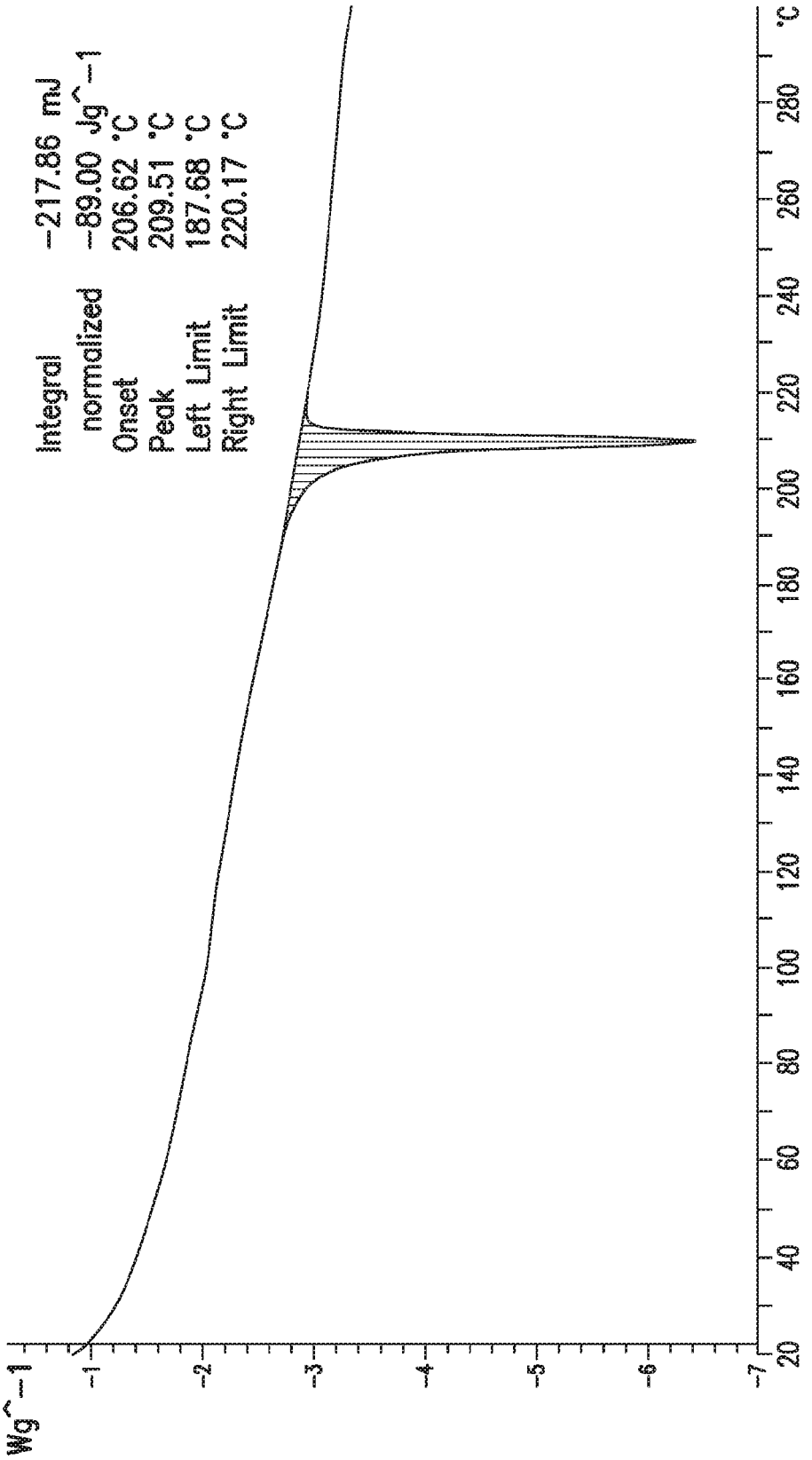

Integral −217.86 mJ
normalized −89.00 Jg^−1
Onset 206.62 °C
Peak 209.51 °C
Left Limit 187.68 °C
Right Limit 220.17 °C
W/g^−1
−1
−2
−3
−4
−5
−6
−7
20
40
60
80
100
120
140
160
180
200
220
240
260
280
°C

FIG. 28

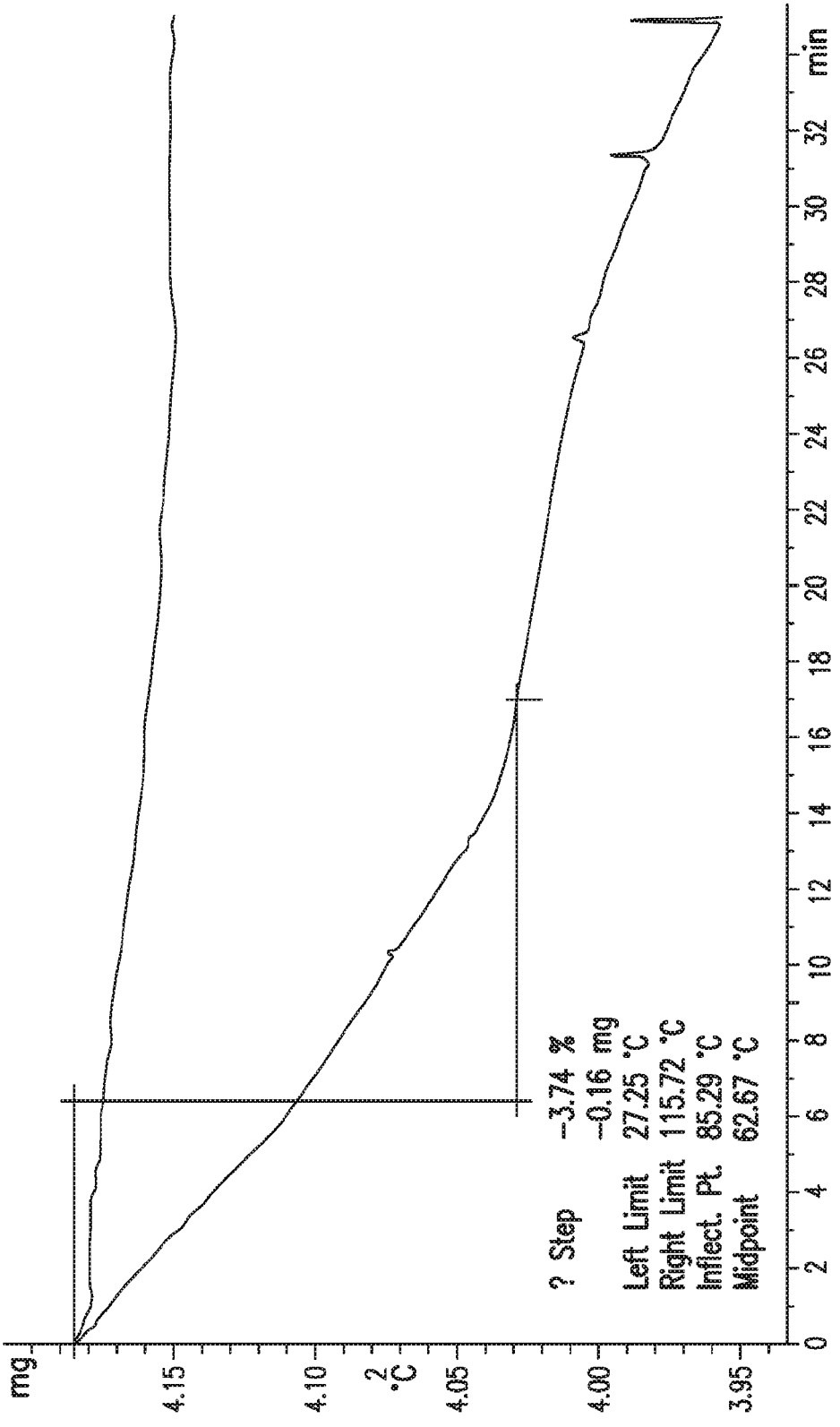

mg
4.15
4.10
4.05
4.00
3.95
°C
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
min
? Step -3.74 %
-0.16 mg
Left Limit 27.25 °C
Right Limit 115.72 °C
Inflect. Pt. 85.29 °C
Midpoint 62.67 °C

FIG. 29

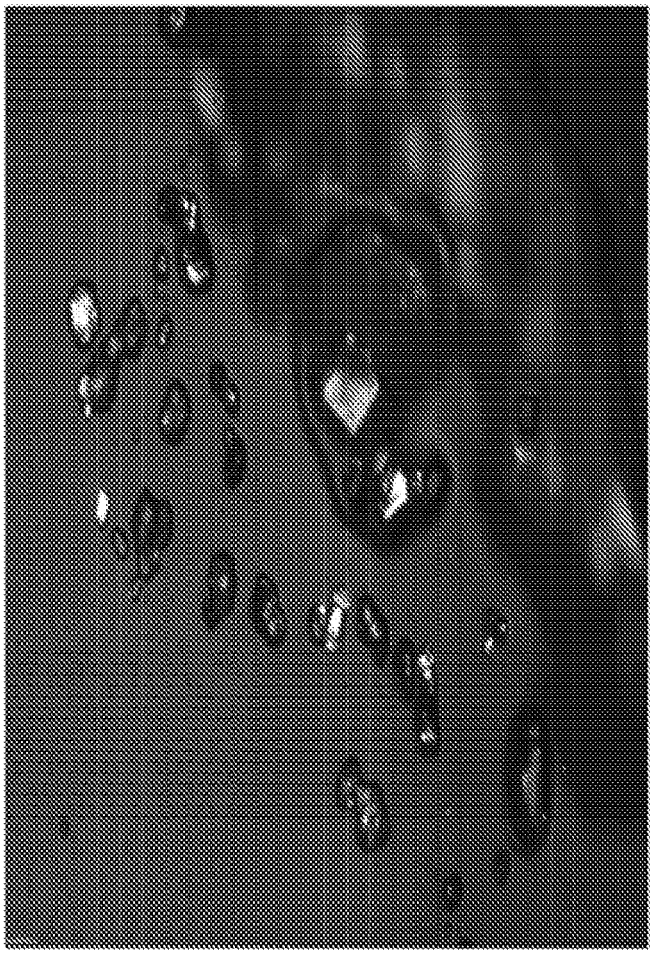


FIG. 30A

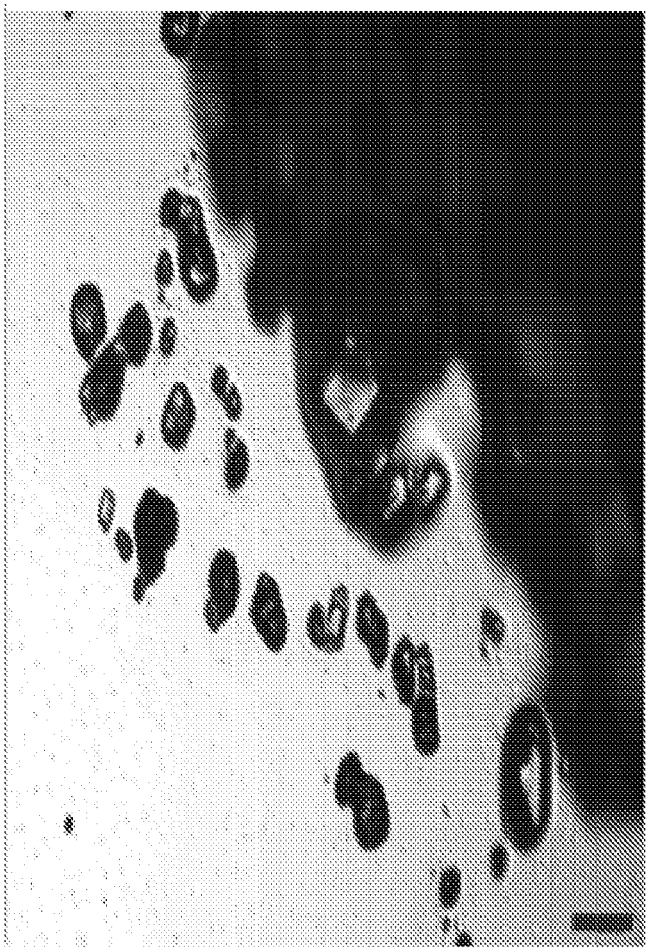


FIG. 30B

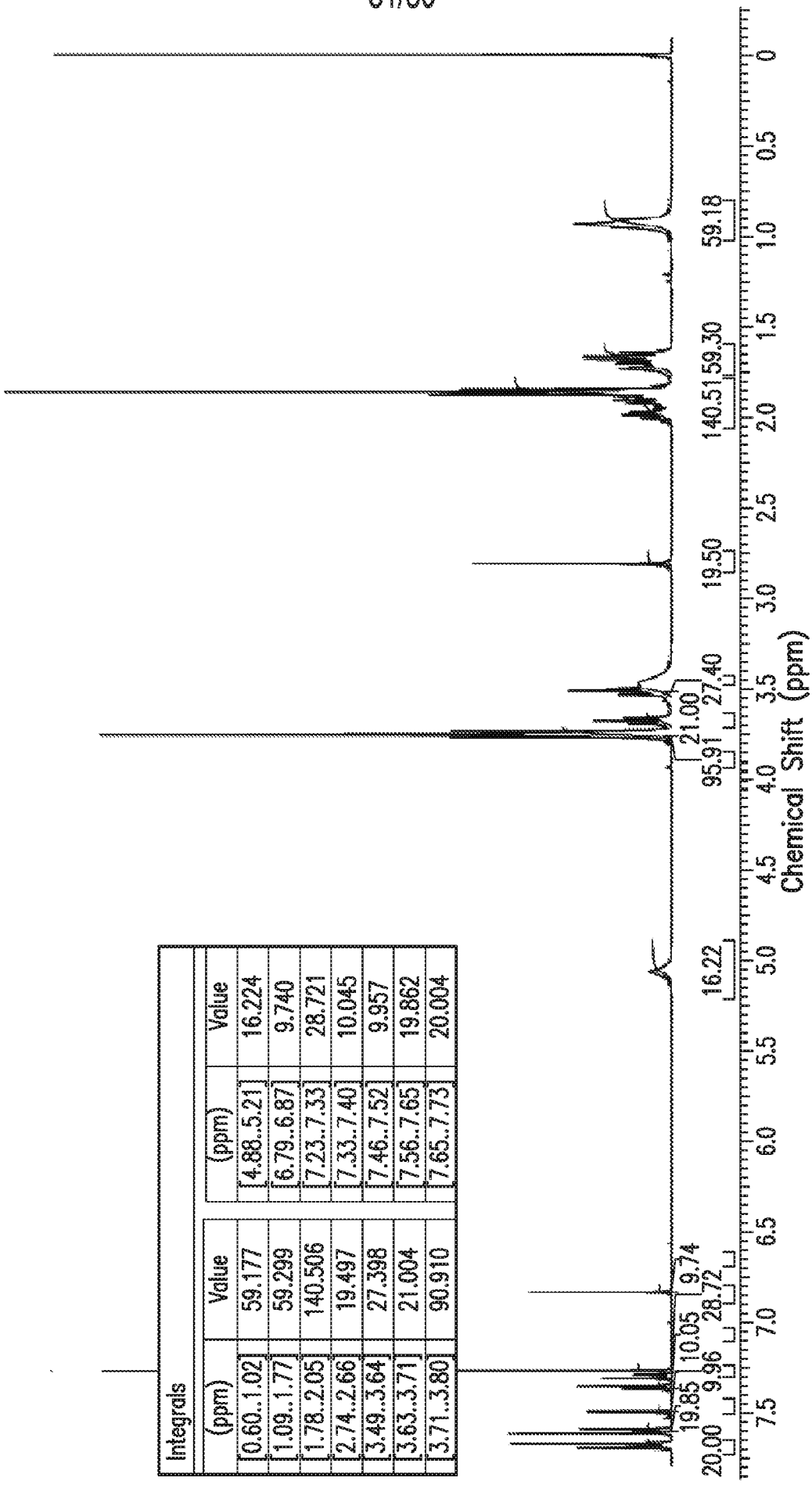

Integrals
(ppm) Value
[0.60..1.02] 59.177
[1.09..1.77] 59.299
[1.78..2.05] 140.506
[2.74..2.66] 19.497
[3.49..3.64] 27.398
[3.63..3.71] 21.004
[3.71..3.80] 90.910
(ppm) Value
[4.88..5.21] 16.224
[6.79..6.87] 9.740
[7.23..7.33] 28.721
[7.33..7.40] 10.045
[7.46..7.52] 9.957
[7.56..7.65] 19.862
[7.65..7.73] 20.004
20.00
19.85
9.96
10.05
28.72
9.74
16.22
95.91
21.00
27.40
19.50
140.51
59.30
59.18
Chemical Shift (ppm)

FIG. 31

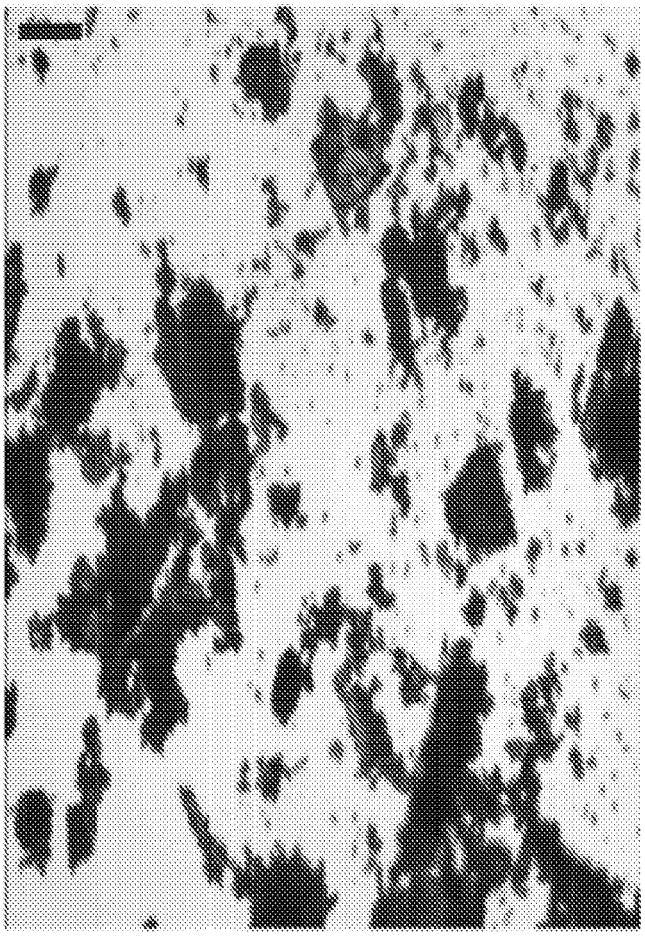


FIG. 32A

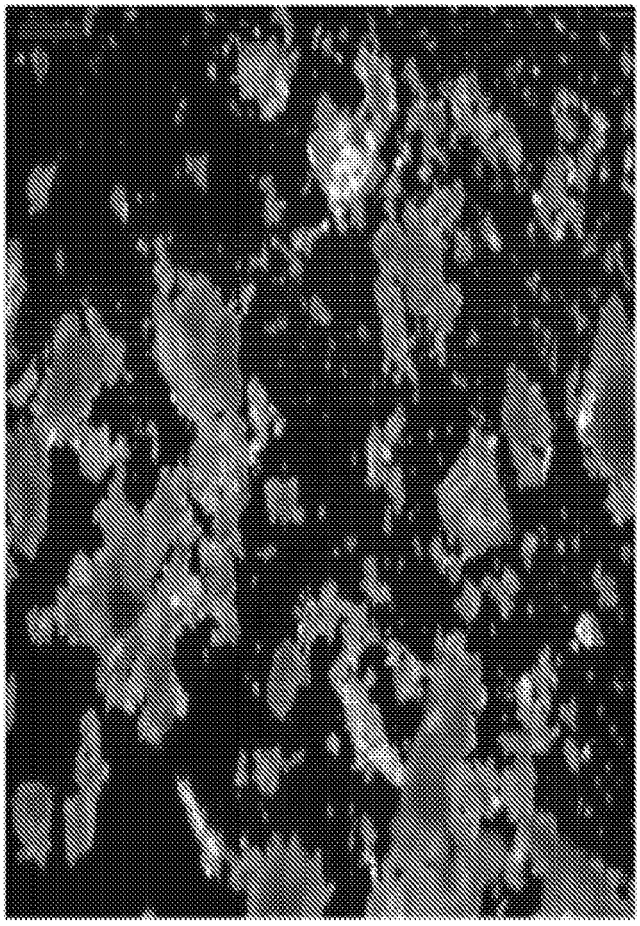


FIG. 32B

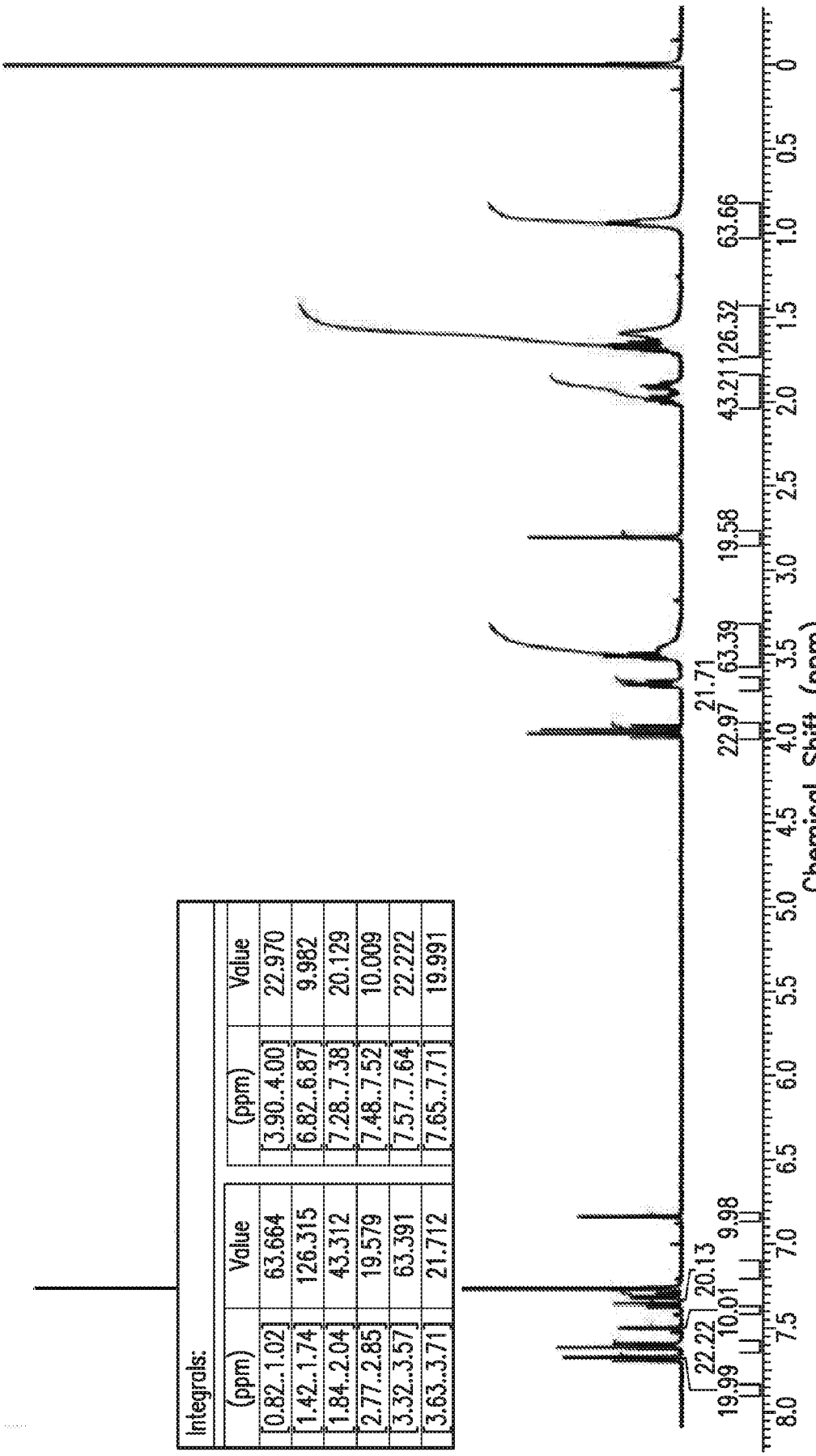

Integrals:
(ppm) Value
0.82..1.02 63.664
1.42..1.74 126.315
1.84..2.04 43.312
2.77..2.85 19.579
3.32..3.57 63.391
3.63..3.71 21.712
(ppm) Value
3.90..4.00 22.970
6.82..6.87 9.982
7.28..7.38 20.129
7.48..7.52 10.009
7.57..7.64 22.222
7.65..7.71 19.991
Chemical Shift (ppm)
8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0
19.99 22.22 10.01 20.13 9.98
22.97 21.71 63.39 19.58 43.21 126.32 63.66

FIG. 33

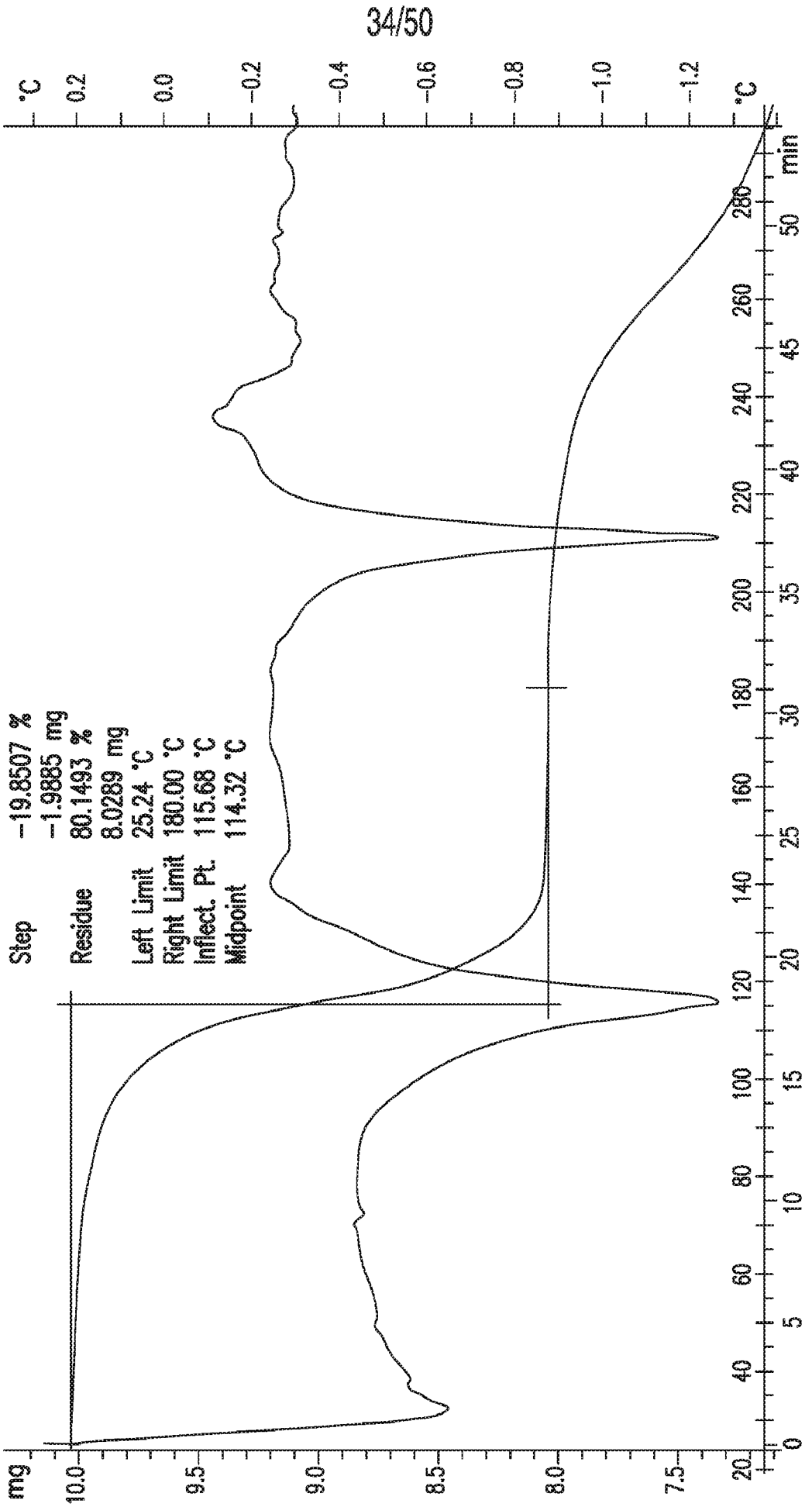

°C
0.2
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
°C
min
mg
10.0
9.5
9.0
8.5
8.0
7.5
Step -19.8507 %
-1.9885 mg
Residue 80.1493 %
8.0289 mg
Left Limit 25.24 °C
Right Limit 180.00 °C
Inflect. Pt. 115.68 °C
Midpoint 114.32 °C

FIG. 34

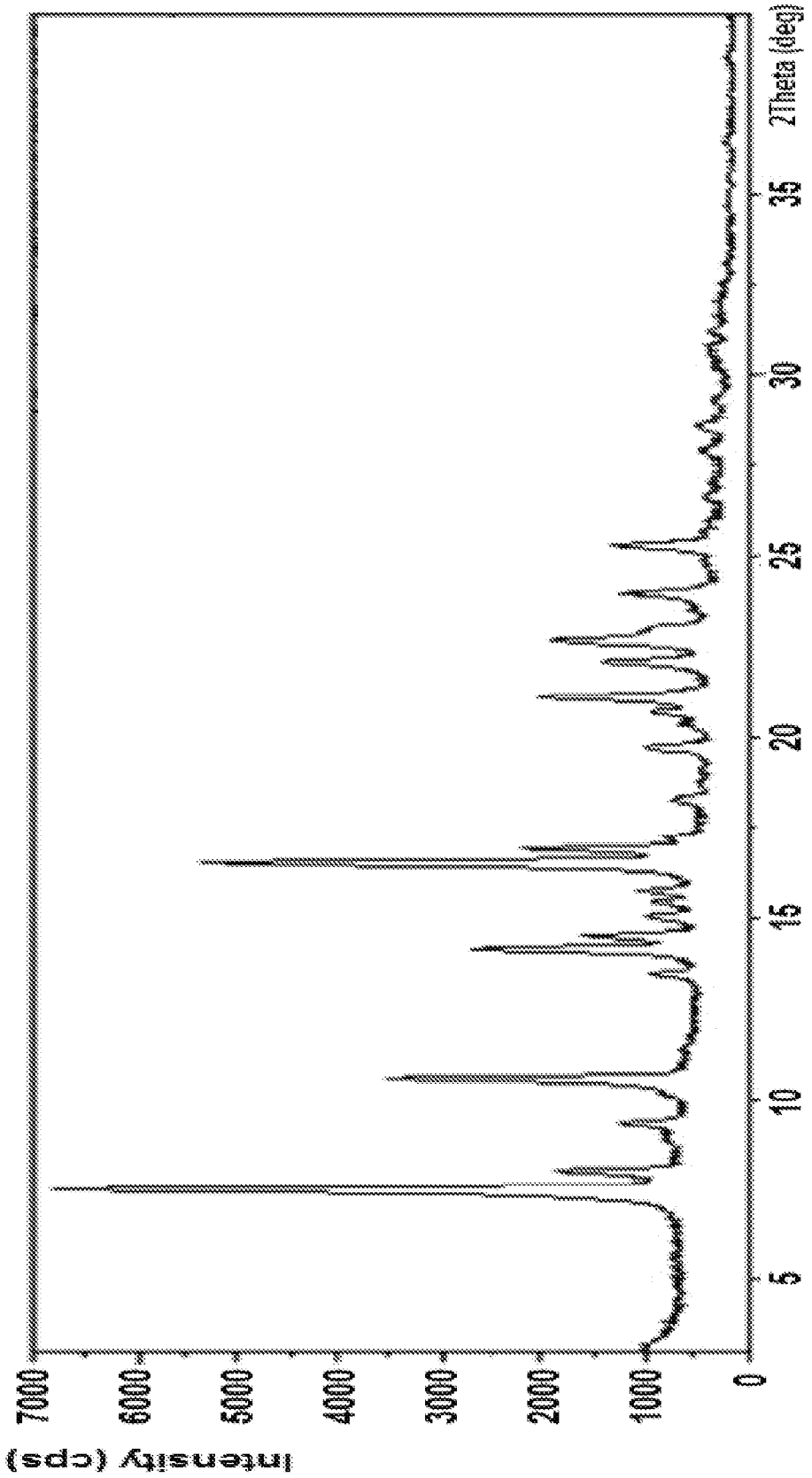

Intensity (cps)
7000
6000
5000
4000
3000
2000
1000
0
5
10
15
20
25
30
35
2Theta (deg)

FIG. 35

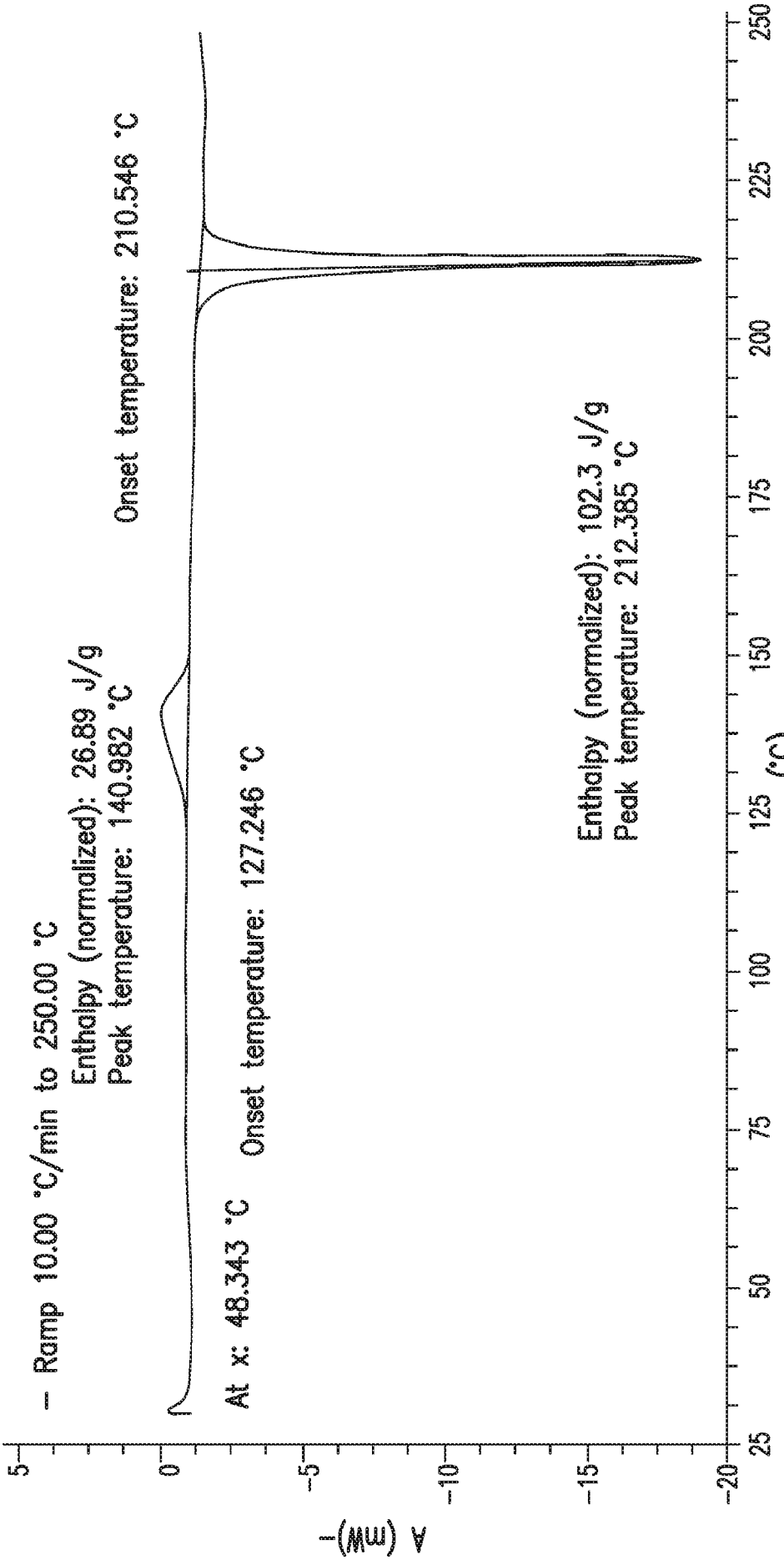

– Ramp 10.00 °C/min to 250.00 °C
Enthalpy (normalized): 26.89 J/g
Peak temperature: 140.982 °C
Onset temperature: 210.546 °C
At x: 48.343 °C
Onset temperature: 127.246 °C
Enthalpy (normalized): 102.3 J/g
Peak temperature: 212.385 °C
mW
(°C)

FIG. 36

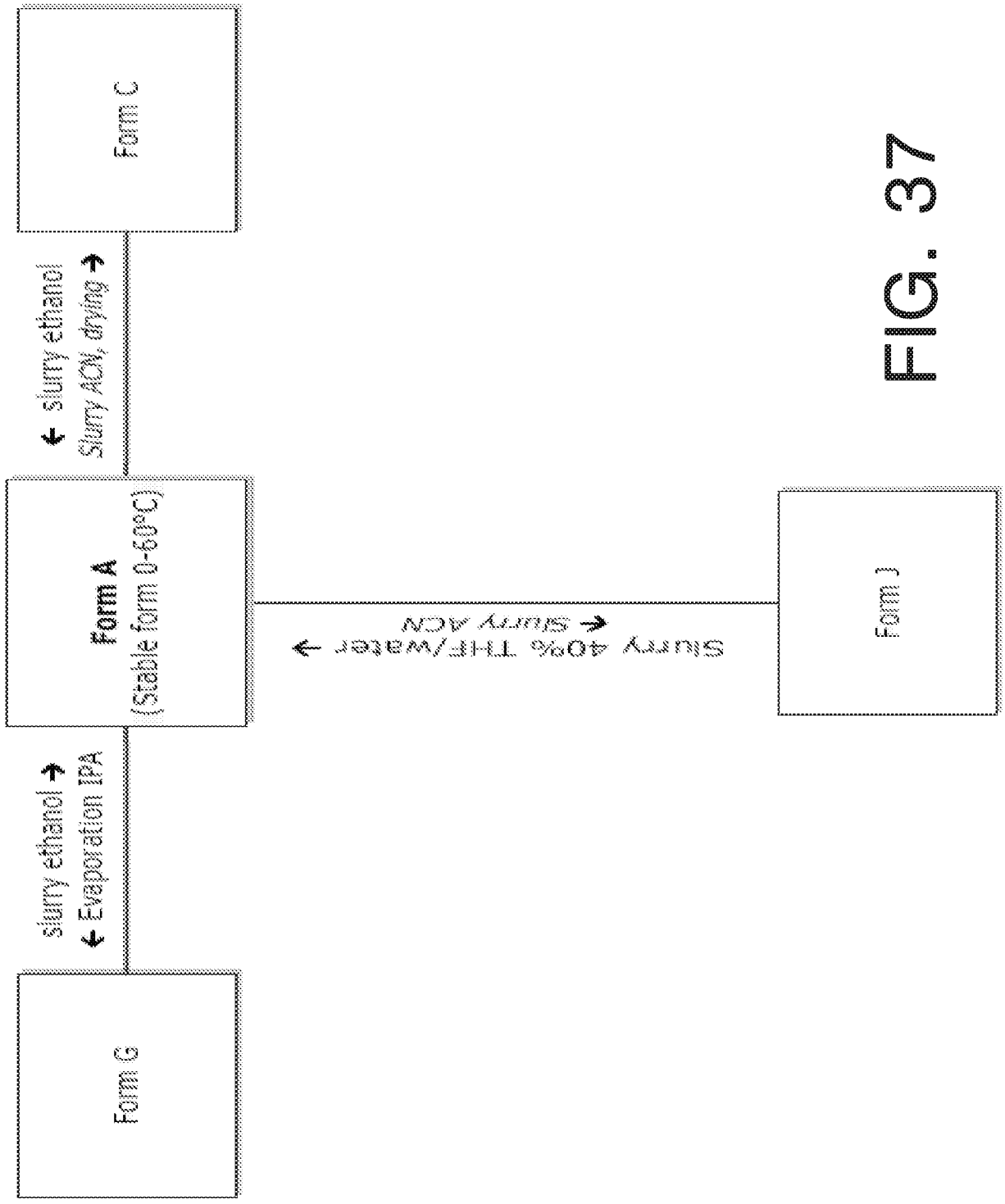

Form C
← slurry ethanol
Slurry ACN, drying →
Form A
(Stable form 0-60°C)
slurry ethanol →
← Evaporation IPA
Form G
Slurry 40% THF/water →
← Slurry ACN
Form J

FIG. 37

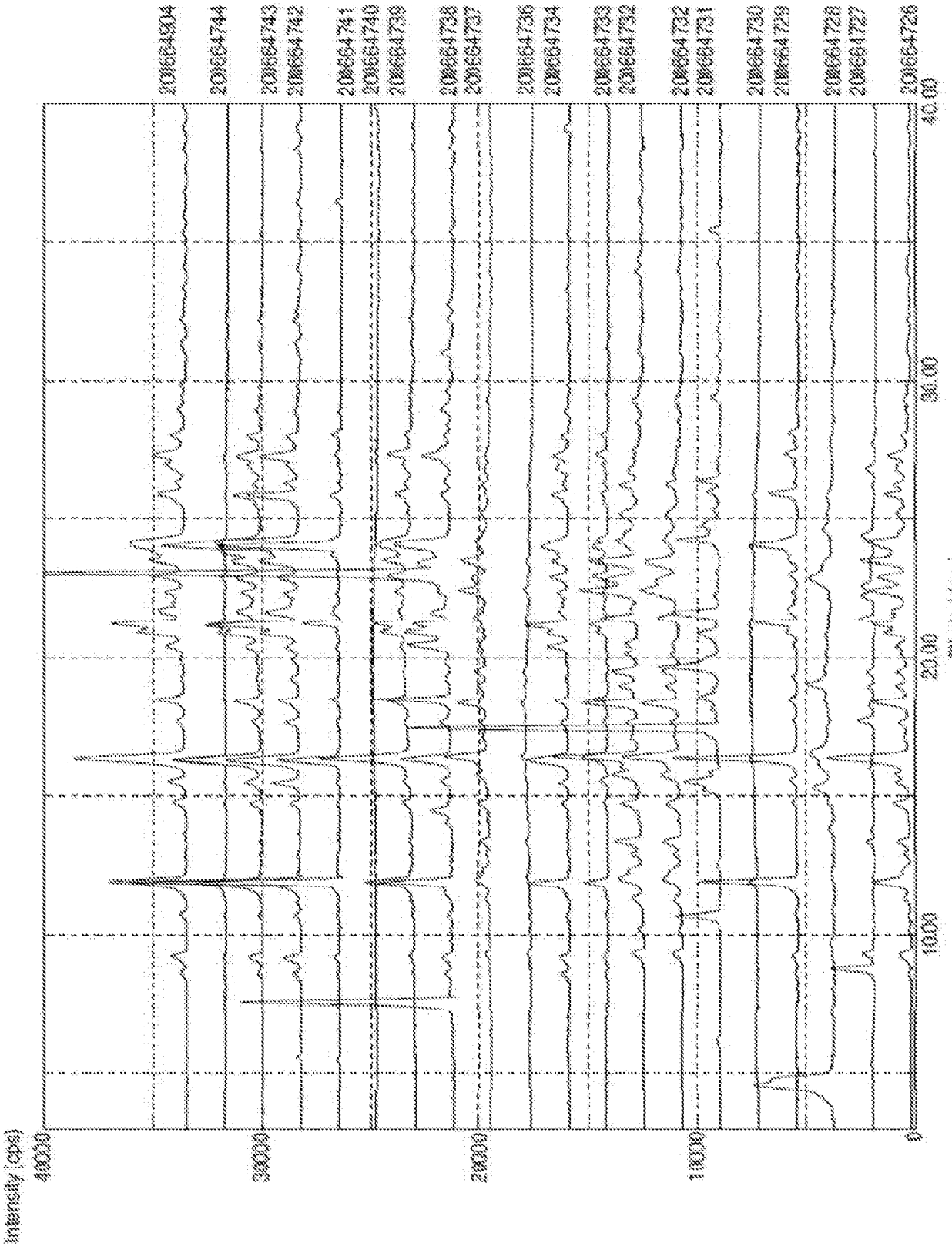

Intensity (cps)
40000
30000
20000
10000
0
10.00
20.00
30.00
40.00
2theta (deg.)
2006647044
2006647043
2006647042
2006647041
2006647040
2006647039
2006647038
2006647037
2006647036
2006647034
2006647033
2006647032
2006647031
2006647030
2006647029
2006647028
2006647027
2006647026

FIG. 38

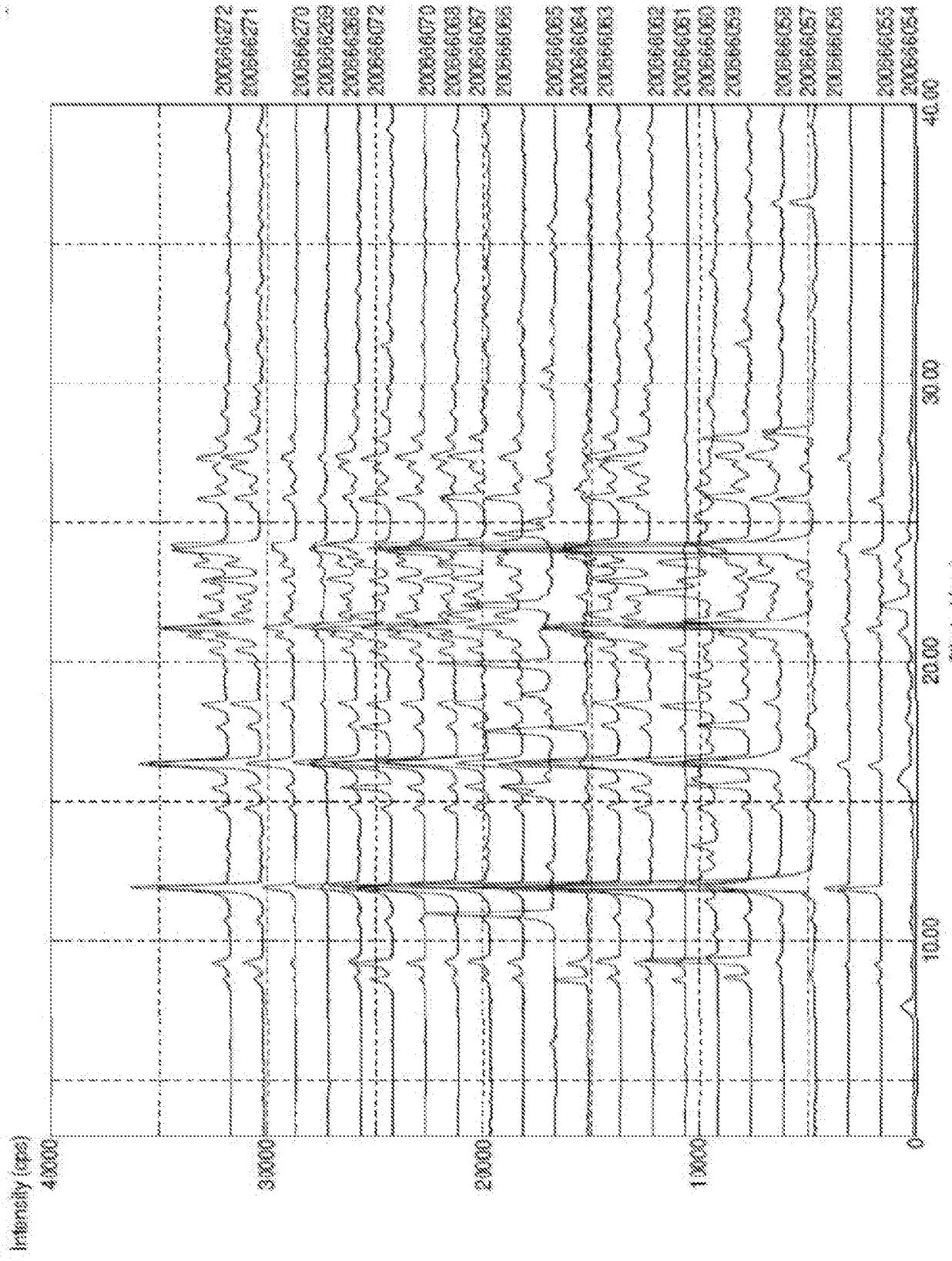

Intensity (cps)
4000
3000
2000
1000
0
10.00
20.00
30.00
40.00
2theta (deg)
200666272
200666271
200666270
200666269
200666268
200666266
200666263
200666262
200666261
200666260
200666259
200666258
200666257
200666256
200666255
200666254

FIG. 39

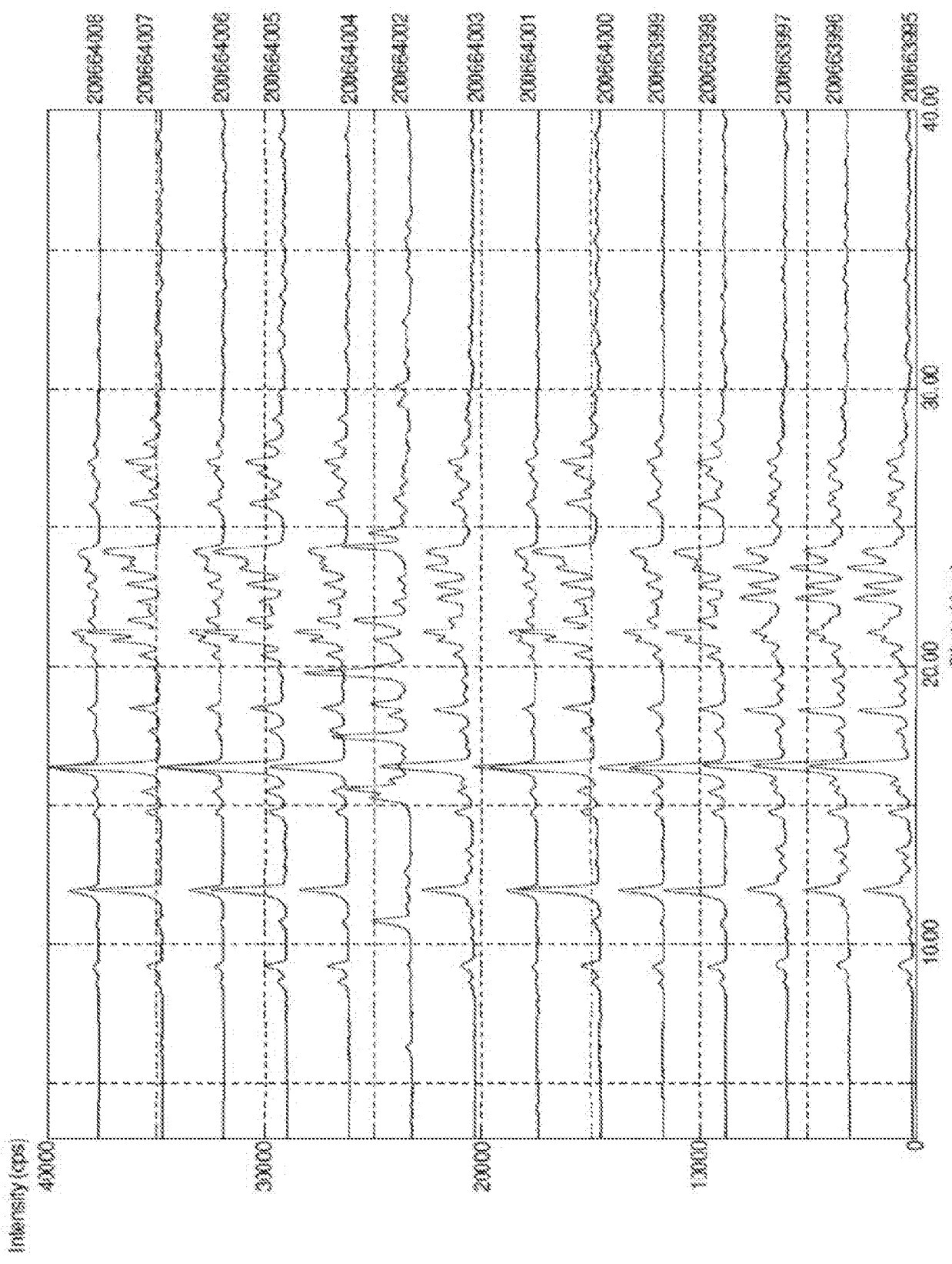

Intensity (cps)
4000
3000
2000
1000
0
10.00
20.00
30.00
40.00
2theta (deg.)
20066400
20066400
20066400
20066400
20066400
20066400
20066400
20066400
20066399
20066398
20066397
20066396
20066395

FIG. 40

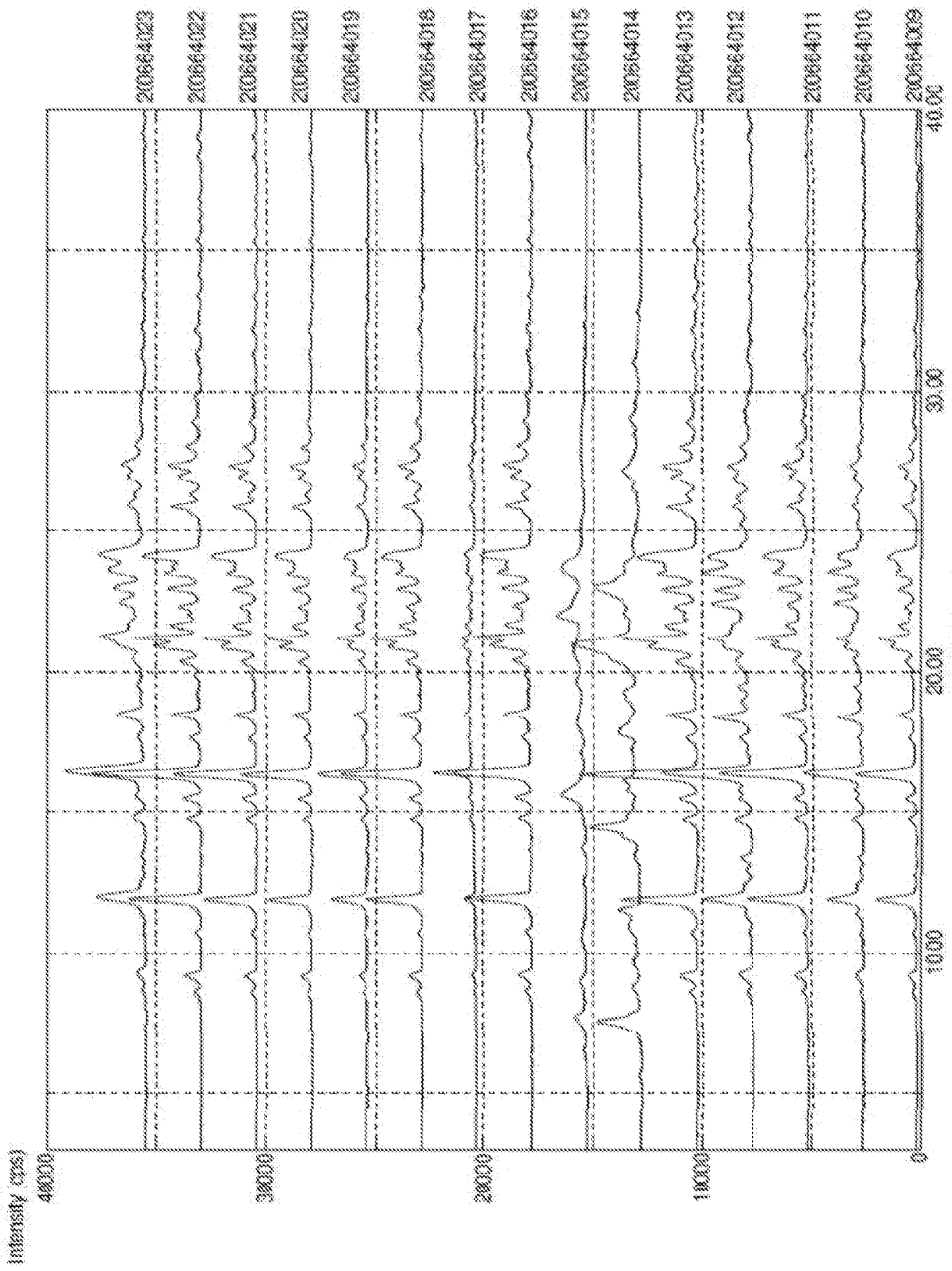
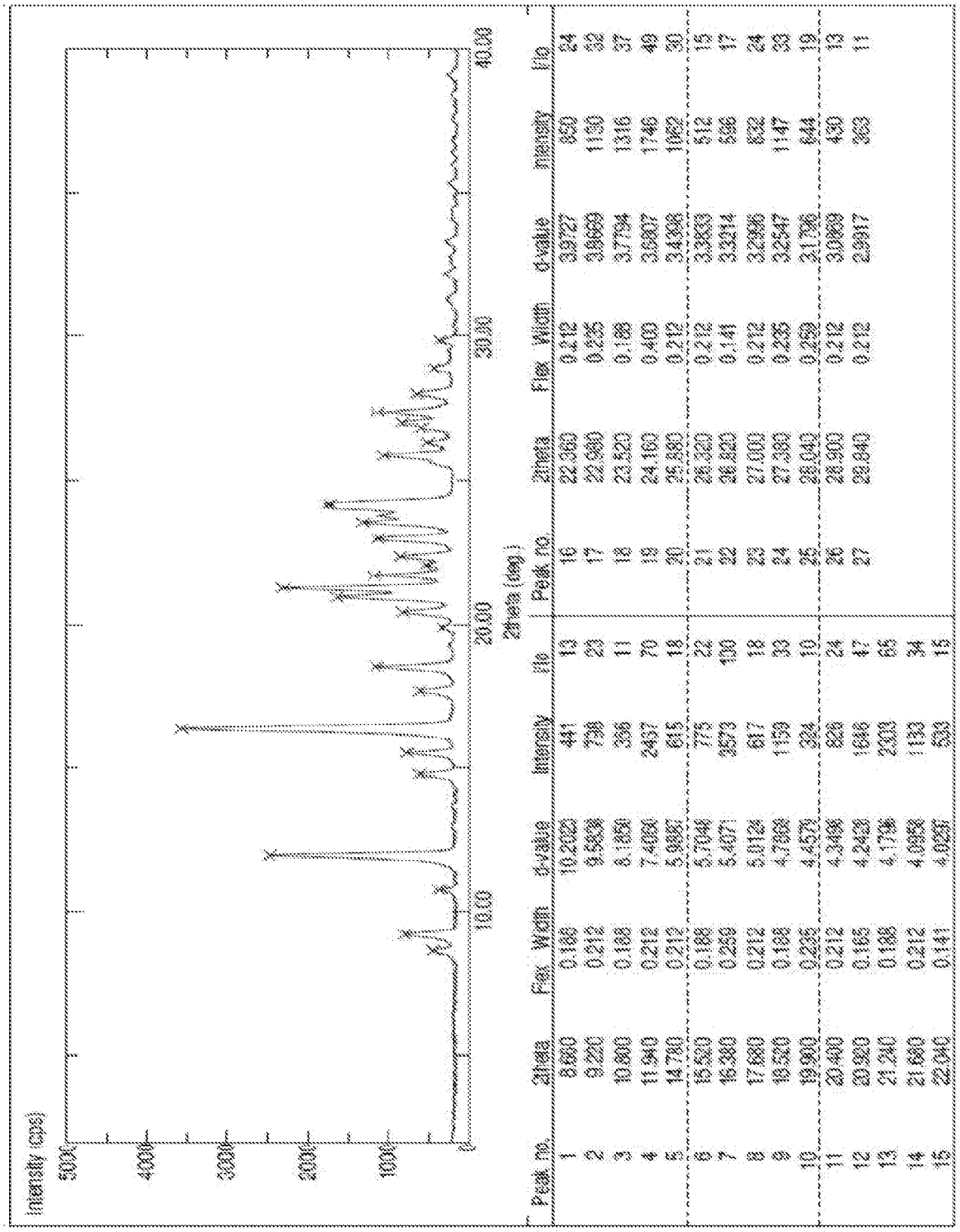
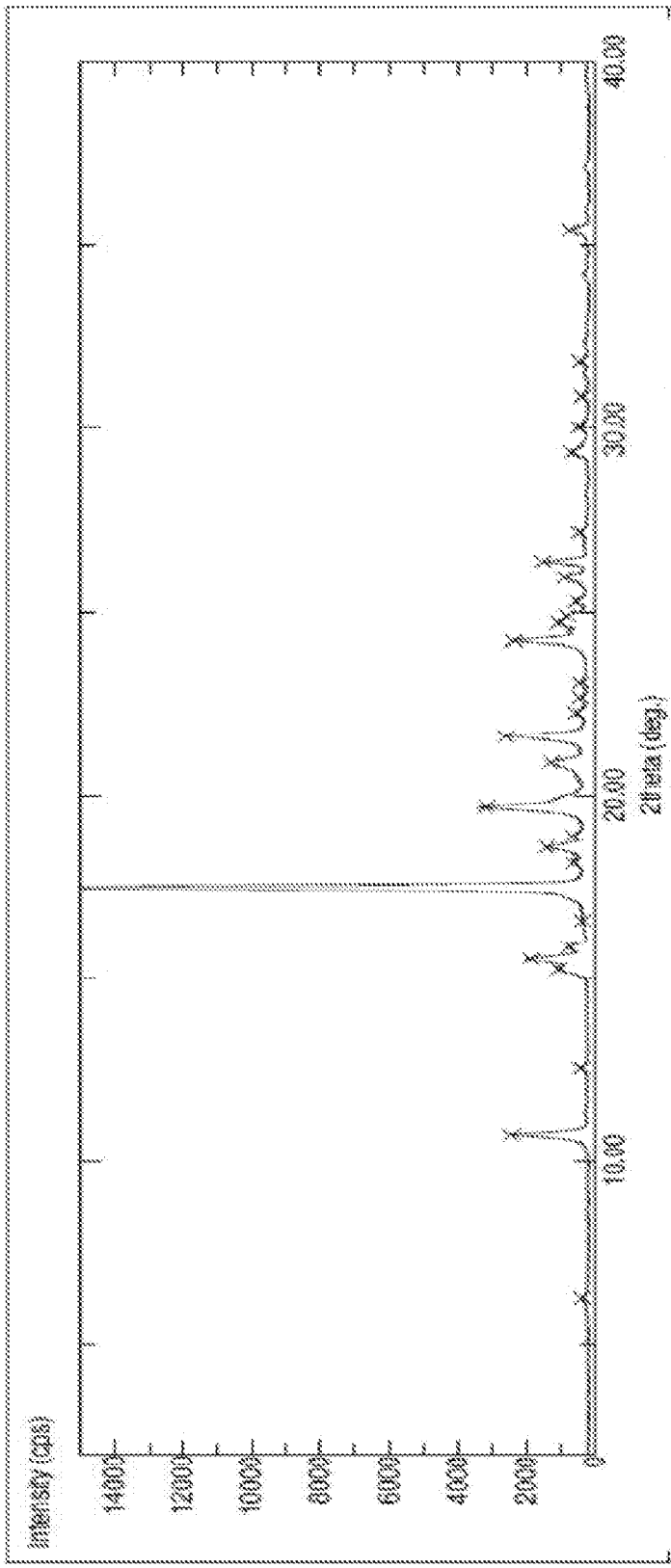

Intensity (cps)
40000
30000
20000
10000
0
10.00
20.00
30.00
40.00
2theta (deg.)
2006640023
2006640022
2006640021
2006640020
2006640019
2006640018
2006640017
2006640016
2006640015
2006640014
2006640013
2006640012
2006640011
2006640010
2006640009

FIG. 41



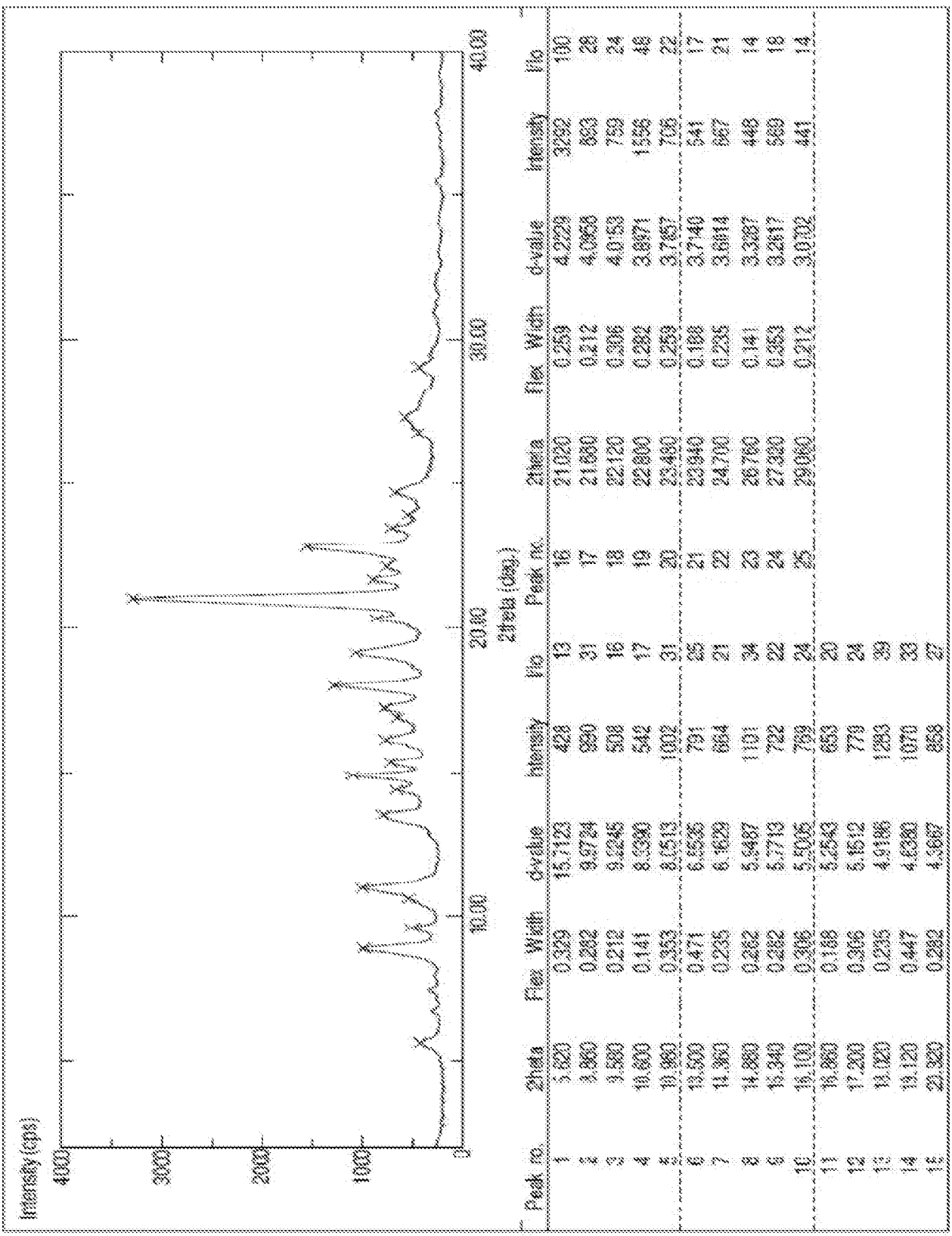
Peak no.	2theta	Fwhm	Width	d-value	Intensity	I/Io	Peak no.	2theta	Fwhm	Width	d-value	Intensity	I/Io
1	8.660	0.188		10.2023	441	10	16	22.360	0.212		3.9727	850	24
2	9.220	0.212		9.5838	738	23	17	22.680	0.235		3.9169	1150	32
3	10.800	0.188		8.1850	356	11	18	23.520	0.188		3.7794	1316	37
4	11.940	0.212		7.4050	2437	70	19	24.160	0.403		3.6807	1746	49
5	14.780	0.212		5.9857	615	18	20	25.880	0.212		3.4398	1862	50
6	15.520	0.188		5.7044	775	22	21	26.320	0.212		3.3833	612	15
7	16.380	0.259		5.4071	3573	100	22	26.820	0.141		3.3214	596	17
8	17.680	0.212		5.0124	617	18	23	27.000	0.212		3.2996	832	24
9	18.520	0.188		4.7889	1159	33	24	27.380	0.235		3.2547	1147	33
10	19.900	0.235		4.4577	924	10	25	28.040	0.259		3.1796	644	19
11	20.400	0.212		4.3496	826	24	26	28.900	0.212		3.0869	430	13
12	20.920	0.165		4.2423	1648	47	27	29.840	0.212		2.9917	363	11
13	21.240	0.188		4.1796	2303	66							
14	21.660	0.212		4.0988	1183	34							
15	22.040	0.141		4.0291	533	15							

FIG. 42



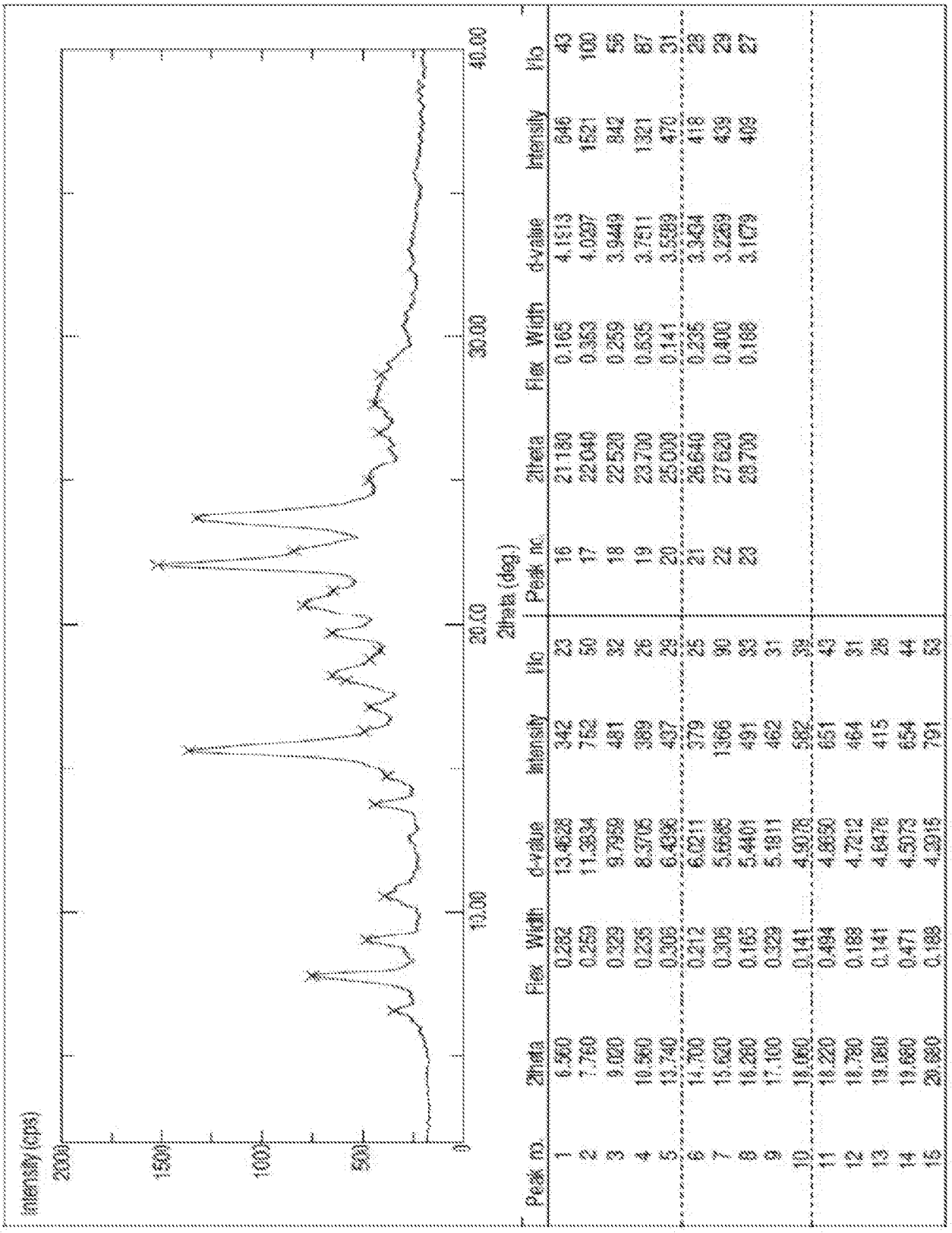
Peak no.	2theta	Flex	Width	d-value	Intensity	I/Io	Peak no.	2theta	Flex	Width	d-value	Intensity	I/Io
1	6.260		0.188	14.1073	363	3	16	22.680		0.165	3.9174	428	3
2	10.740		0.188	8.2306	2449	15	17	23.080		0.212	3.8504	410	3
3	12.540		0.188	7.0530	304	3	18	24.220		0.188	3.6717	2377	14
4	15.240		0.165	5.8090	1061	7	19	24.740		0.188	3.5957	1053	7
5	15.520		0.235	5.7046	1876	12	20	24.920		0.141	3.5701	814	5
6	15.860		0.165	5.5832	745	5	21	25.020		0.188	3.5146	528	4
7	16.580		0.141	5.3424	457	3	22	25.960		0.212	3.4294	876	6
8	17.460		0.165	5.0758	17038	100	23	26.380		0.188	3.3757	1505	9
9	18.160		0.188	4.8810	605	4	24	27.180		0.282	3.2782	443	3
10	18.580		0.188	4.7716	1419	9	25	29.380		0.212	3.0375	650	4
11	19.900		0.141	4.4595	628	4	26	30.020		0.235	2.9742	444	3
12	19.700		0.188	4.5027	3186	19	27	30.880		0.188	2.8933	956	3
13	20.900		0.212	4.2468	1290	8	28	31.820		0.141	2.8089	422	3
14	21.620		0.212	4.1070	2632	16	29	35.400		0.188	2.5335	736	5
15	22.280		0.259	3.9874	621	4							

FIG. 43



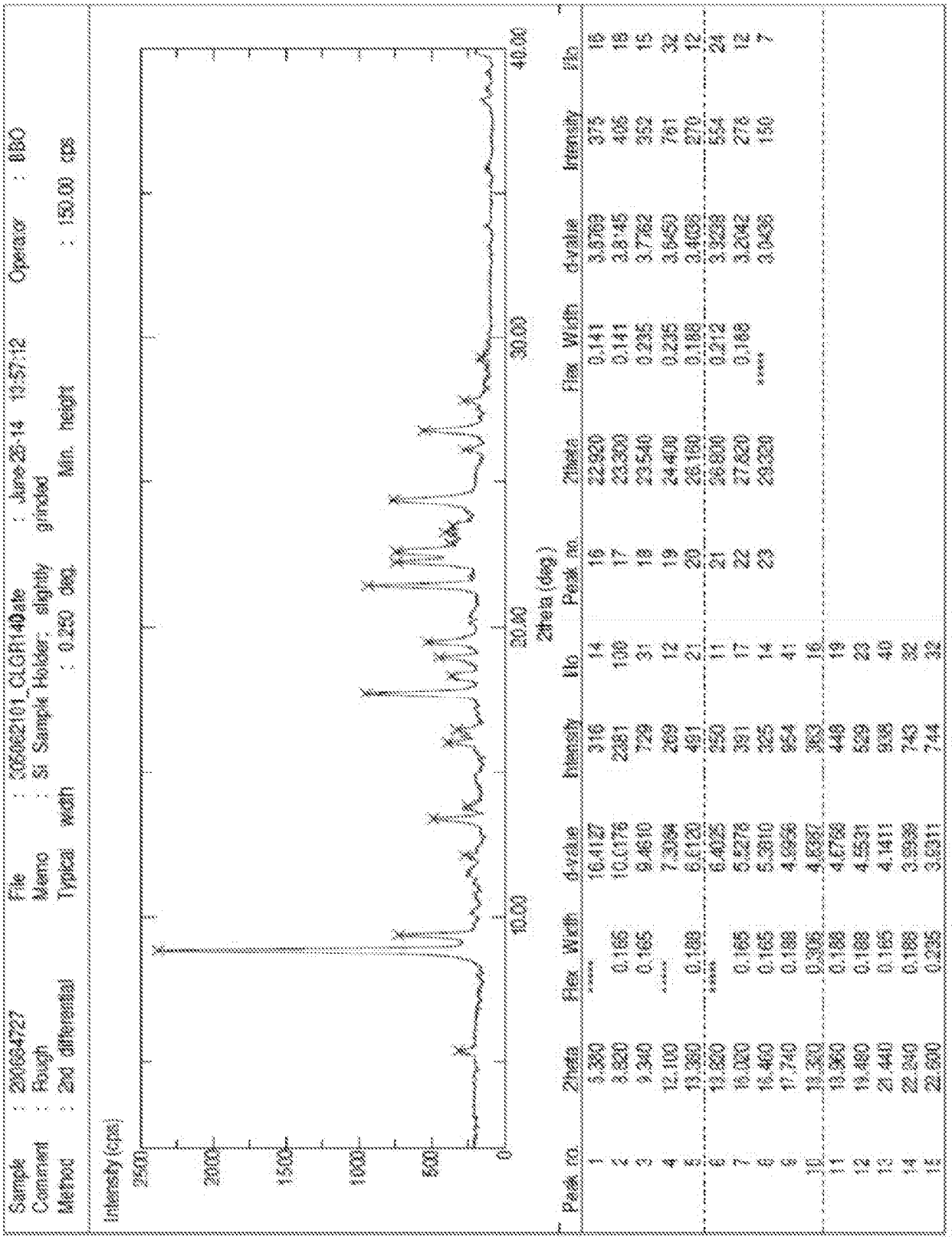
Peak no.	2theta	Flex	Width	d-value	Intensity	I/Io	Peak no.	I/Io	2theta	Flex	Width	d-value	Intensity	I/Io
1	5.620		0.329	15.7123	428	13	16		21.020		0.259	4.2229	3252	100
2	8.860		0.282	9.9724	990	31	17		21.680		0.212	4.0956	853	26
3	9.580		0.212	9.2245	508	16	18		22.120		0.306	4.0153	759	24
4	10.600		0.141	8.3390	542	17	19		22.800		0.282	3.8971	1556	48
5	10.960		0.353	8.0613	1002	31	20		23.460		0.259	3.7857	706	22
6	13.500		0.471	6.5536	791	25	21		23.940		0.188	3.7140	541	17
7	14.360		0.235	6.1629	664	21	22		24.700		0.235	3.6014	667	21
8	14.880		0.282	5.9487	1101	34	23		26.760		0.141	3.3287	448	14
9	16.340		0.282	5.4719	722	22	24		27.320		0.353	3.2617	589	18
10	16.100		0.306	5.5005	769	24	25		29.080		0.212	3.0702	441	14
11	16.860		0.188	5.2543	653	20								
12	17.200		0.306	5.1512	779	24								
13	18.020		0.235	4.9196	1283	39								
14	19.120		0.447	4.6380	1070	33								
15	20.320		0.282	4.3667	858	27								

FIG. 44



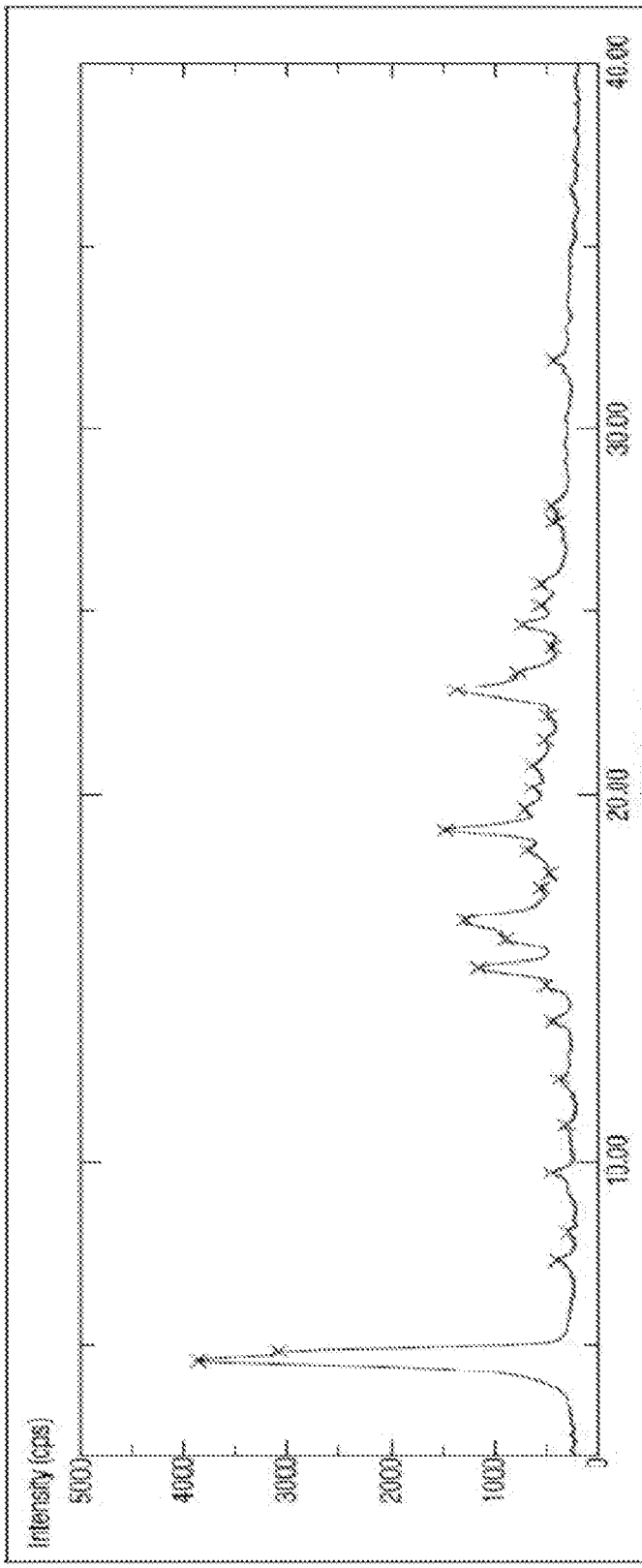
Peak no.	2theta	Fwhm Width	d-value	Intensity	I/Io	Peak no.	2theta	Fwhm Width	d-value	Intensity	I/Io
1	6.560	0.282	13.4628	342	23	16	21.160	0.165	4.1913	846	43
2	7.790	0.259	11.3834	752	50	17	22.040	0.353	4.0297	1621	100
3	9.020	0.329	9.7959	481	32	18	22.520	0.259	3.9449	842	56
4	10.560	0.235	8.3705	389	26	19	23.700	0.635	3.7511	1321	87
5	13.740	0.306	6.4396	407	28	20	25.000	0.141	3.5589	470	31
6	14.700	0.212	6.0211	379	25	21	26.640	0.235	3.3434	418	28
7	15.620	0.306	5.6686	1366	90	22	27.620	0.400	3.2269	439	29
8	16.280	0.165	5.4401	491	33	23	28.700	0.188	3.1079	409	27
9	17.100	0.329	5.1811	462	31						
10	18.060	0.141	4.9078	582	39						
11	18.220	0.494	4.8650	651	43						
12	18.780	0.188	4.7212	464	31						
13	19.060	0.141	4.6478	415	28						
14	19.680	0.471	4.5073	654	44						
15	26.880	0.188	4.3016	791	53						

FIG. 45



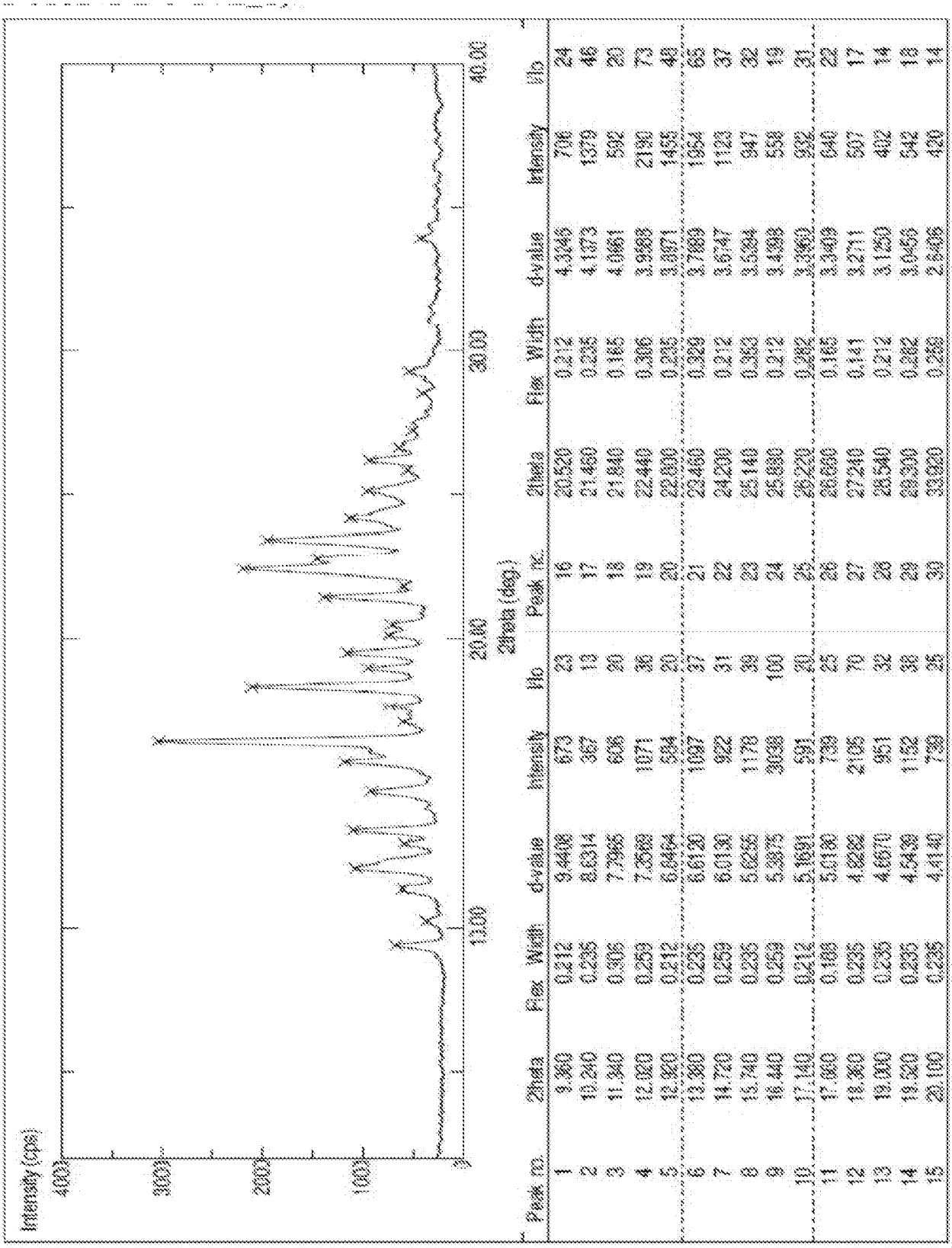
Peak no.	2Theta	Flex	Width	d-value	Intensity	Ht.	Peak no.	2Theta	Flex	Width	d-value	Intensity	Ht.
1	5.380	*****		16.4127	316	14	16	22.920		0.141	3.8763	375	16
2	8.820		0.165	10.0176	2281	100	17	23.300		0.141	3.8145	406	18
3	9.340		0.165	9.4610	729	31	18	23.540		0.235	3.7762	352	15
4	12.100	*****		7.3094	269	12	19	24.400		0.235	3.6453	761	32
5	13.360		0.188	6.6120	491	21	20	26.160		0.188	3.4039	270	12
6	13.820	*****		6.4025	550	11	21	26.800		0.212	3.3228	554	24
7	16.020		0.165	5.5276	391	17	22	27.620		0.188	3.2242	276	12
8	16.460		0.165	5.3810	325	14	23	29.320	*****		3.0438	150	7
9	17.740		0.188	4.9956	954	41							
10	18.320		0.306	4.8387	363	16							
11	18.960		0.188	4.6768	448	19							
12	19.480		0.188	4.5531	539	23							
13	20.440		0.165	4.1411	938	40							
14	22.240		0.188	3.9939	743	32							
15	22.900		0.235	3.8811	744	32							

FIG. 46



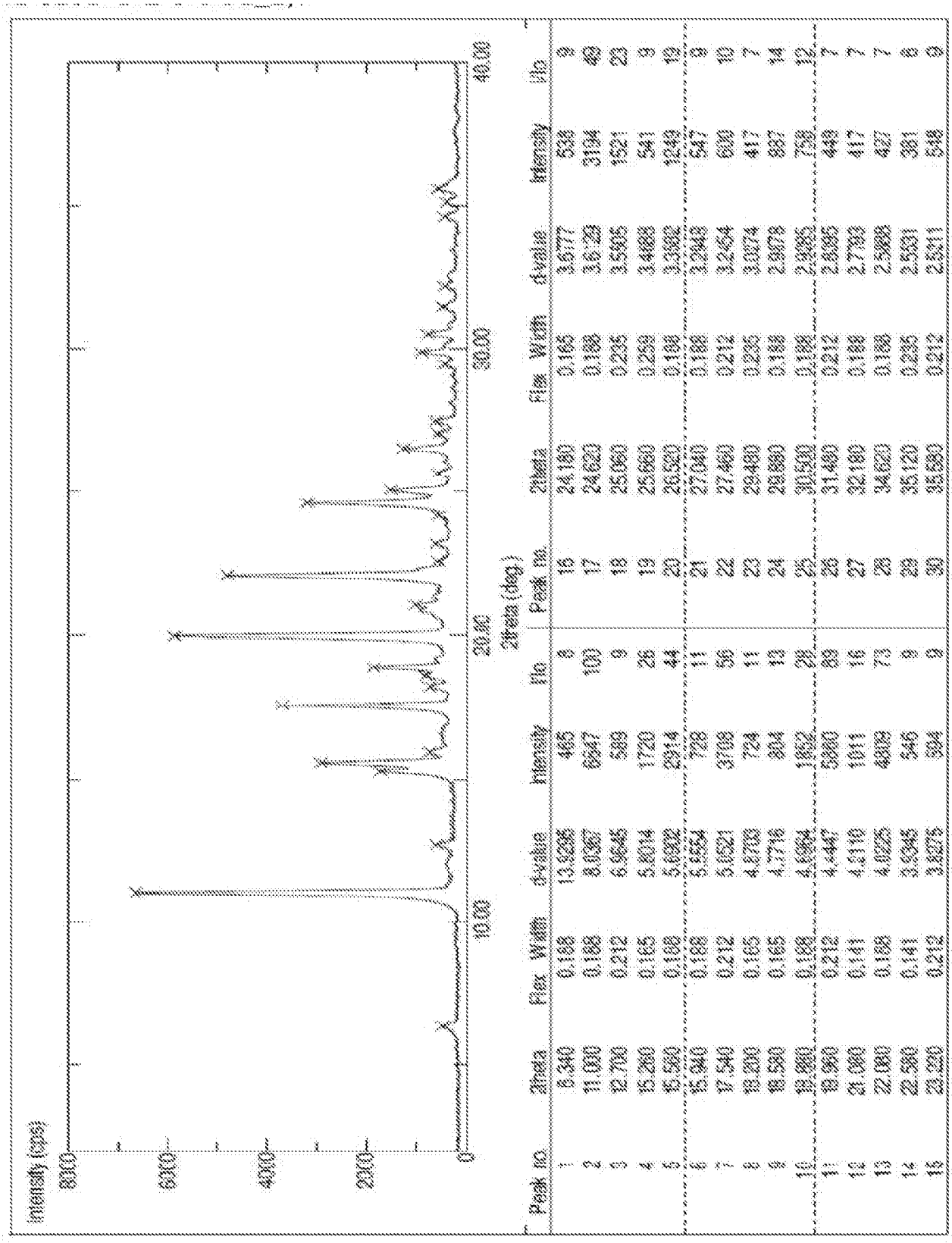
Peak no.	2theta	Flex	Width	d-value	Intensity	I%	Peak no.	2theta	Flex	Width	d-value	Intensity	I%
1	4.560		0.235	19.2776	3864	100	16	19.060		0.282	4.6525	1443	39
2	4.820		0.188	18.3182	3087	80	17	19.620		0.235	4.5209	709	19
3	7.320		0.259	12.0666	398	11	18	20.200		0.259	4.3924	630	17
4	8.080		****	10.9304	286	8	19	20.820		0.282	4.2630	631	17
5	9.700		0.306	9.1106	442	12	20	21.920		0.259	4.1259	513	14
6	11.020		****	8.0221	306	8	21	22.180		0.212	4.0046	488	13
7	12.240		****	7.2251	363	10	22	22.880		0.353	3.8836	1372	36
8	13.940		0.282	6.3930	437	12	23	23.360		0.282	3.8017	774	21
9	14.300		0.212	5.9806	505	14	24	24.040		0.306	3.6988	443	12
10	15.520		0.353	5.7786	1159	30	25	24.640		0.282	3.6100	732	19
11	16.060		0.329	5.5142	886	24	26	25.160		0.259	3.5366	554	15
12	16.600		0.424	5.3360	1290	34	27	25.800		0.400	3.4503	535	15
13	17.460		0.282	5.0750	553	15	28	27.460		0.212	3.2464	418	11
14	17.900		0.165	4.9513	473	13	29	27.880		0.259	3.1974	452	12
15	18.520		0.259	4.7869	681	18	30	31.880		0.235	2.8049	427	12

FIG. 47



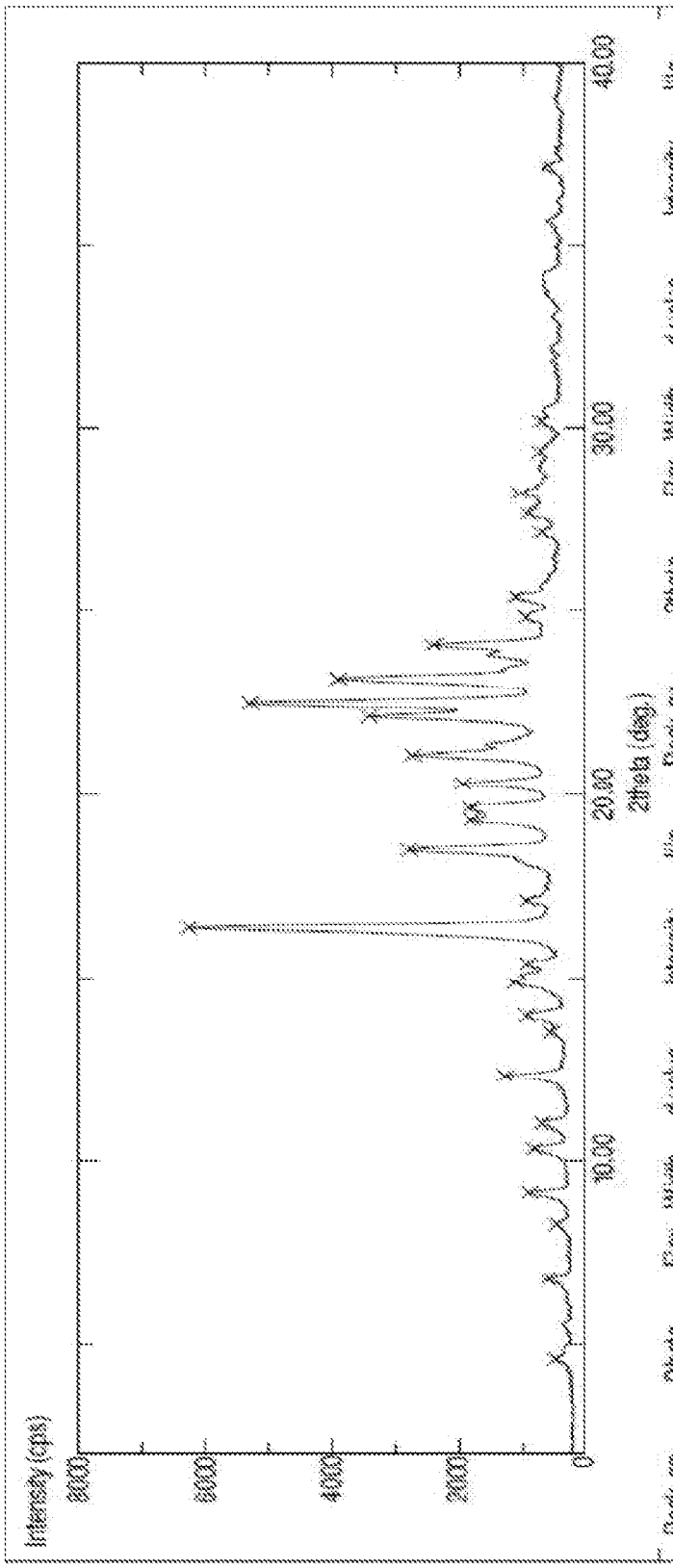
Peak no.	2theta	Flex	Width	d-value	Intensity	I/Io	Peak no.	2theta	Flex	Width	d-value	Intensity	I/Io
1	9.360		0.212	9.4408	673	23	16	20.520		0.212	4.3246	706	24
2	10.240		0.235	8.6314	367	13	17	21.460		0.235	4.1373	1379	46
3	11.340		0.306	7.7965	606	20	18	21.840		0.165	4.0661	592	20
4	12.020		0.259	7.3568	1071	36	19	22.440		0.306	3.9588	2190	73
5	12.920		0.212	6.8464	594	20	20	22.880		0.235	3.8871	1455	48
6	13.380		0.235	6.6130	1097	37	21	23.460		0.329	3.7889	1954	65
7	14.720		0.259	6.0130	922	31	22	24.230		0.212	3.6747	1123	37
8	15.740		0.235	5.6255	1178	39	23	25.140		0.353	3.5394	947	32
9	16.440		0.259	5.3875	3038	100	24	25.680		0.212	3.4668	558	19
10	17.140		0.212	5.1691	591	20	25	26.220		0.282	3.3962	932	31
11	17.660		0.188	5.0180	739	25	26	26.680		0.165	3.3389	640	22
12	18.380		0.235	4.8252	2105	70	27	27.240		0.141	3.2711	507	17
13	19.000		0.235	4.6670	951	32	28	28.540		0.212	3.1250	402	14
14	19.520		0.235	4.5438	1152	38	29	29.330		0.282	3.0455	542	18
15	20.100		0.235	4.4140	739	25	30	33.920		0.259	2.6406	420	14

FIG. 48



Peak no.	2theta	Flex	Width	d-value	Intensity	I/Io	Peak no.	2theta	Flex	Width	d-value	Intensity	I/Io
1	8.340		0.188	13.5228	465	8	16	24.180		0.165	3.6777	638	9
2	11.000		0.188	8.0367	6047	100	17	24.620		0.188	3.6129	3194	49
3	12.700		0.212	6.9645	589	9	18	25.960		0.235	3.5505	1521	23
4	15.260		0.165	5.8014	1720	26	19	25.660		0.259	3.4688	541	9
5	15.560		0.188	5.6932	2314	44	20	26.520		0.188	3.3582	1249	19
6	15.940		0.188	5.5554	728	11	21	27.040		0.188	3.2948	647	9
7	17.540		0.212	5.0521	3708	56	22	27.460		0.212	3.2454	600	10
8	18.200		0.165	4.8703	724	11	23	29.480		0.235	3.0274	417	7
9	18.580		0.165	4.7716	804	13	24	29.860		0.188	2.9878	887	14
10	19.880		0.188	4.4624	1852	28	25	30.500		0.188	2.9285	758	12
11	19.960		0.212	4.447	5300	80	26	31.460		0.212	2.8595	448	7
12	21.080		0.141	4.0110	1011	16	27	32.180		0.188	2.7793	417	7
13	22.080		0.188	4.0225	4809	73	28	34.620		0.188	2.5899	407	7
14	22.560		0.141	3.9345	545	8	29	35.120		0.235	2.5531	381	6
15	23.220		0.212	3.8275	594	9	30	35.580		0.212	2.5211	548	9

FIG. 49



Peak no.	2theta	Fwhm	Width	d-value	Intensity	I/Io	Peak no.	2theta	Fwhm	Width	d-value	Intensity	I/Io
1	4.600	0.168		19.1938	447	8	16	19.640	0.259		4.5164	1823	30
2	3.740	0.165		13.1027	562	0	17	20.300	0.212		4.3710	1949	32
3	3.260	0.259		10.6954	433	7	18	21.080	0.212		4.2110	2742	44
4	9.100	0.212		9.7100	898	15	19	22.140	0.188		4.0117	3426	55
5	10.340	0.212		8.5481	804	13	20	22.480	0.212		3.9518	5302	85
6	11.020	0.188		8.0221	681	11	21	23.160	0.212		3.8373	3911	63
7	12.320	0.212		7.1784	1278	21	22	24.100	0.212		3.6887	2407	39
8	13.520	0.235		6.5430	520	9	23	24.840	0.329		3.5814	945	16
9	13.960	0.235		6.3386	930	15	24	25.380	0.235		3.5064	1097	18
10	14.840	0.235		5.9646	1117	18	25	27.100	0.235		3.2885	692	12
11	15.380	0.212		5.7564	923	15	26	27.660	0.353		3.2224	902	15
12	15.360	0.212		5.4137	6268	100	27	28.240	0.212		3.1575	1030	17
13	17.080	0.235		5.1871	924	15	28	29.360	0.259		3.0395	708	12
14	18.500	0.212		4.7920	2791	45	29	30.180	0.165		2.9588	707	12
15	19.300	0.188		4.5952	1816	29	30	37.180	*****		2.4162	573	10

FIG. 50