FIG. 1A

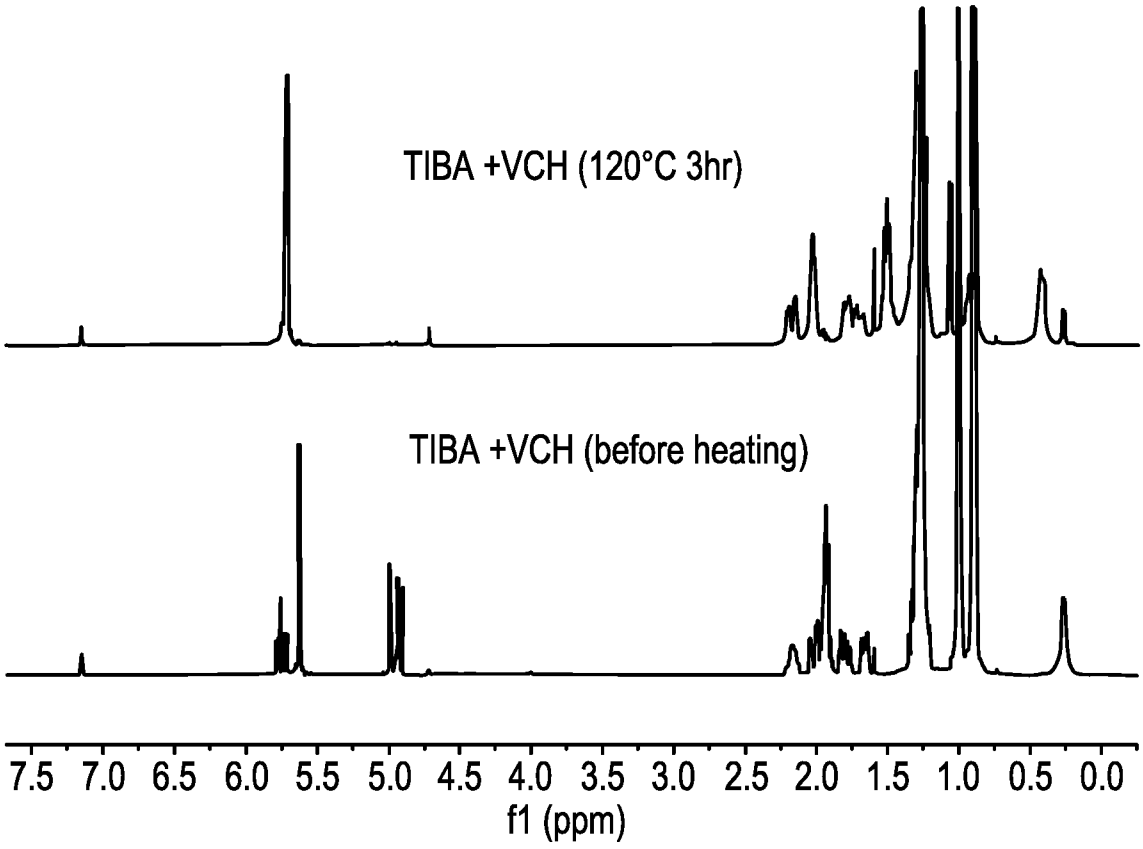

TIBA +VCH (120°C 3hr)
TIBA +VCH (before heating)
7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0
f1 (ppm)

FIG. 1B

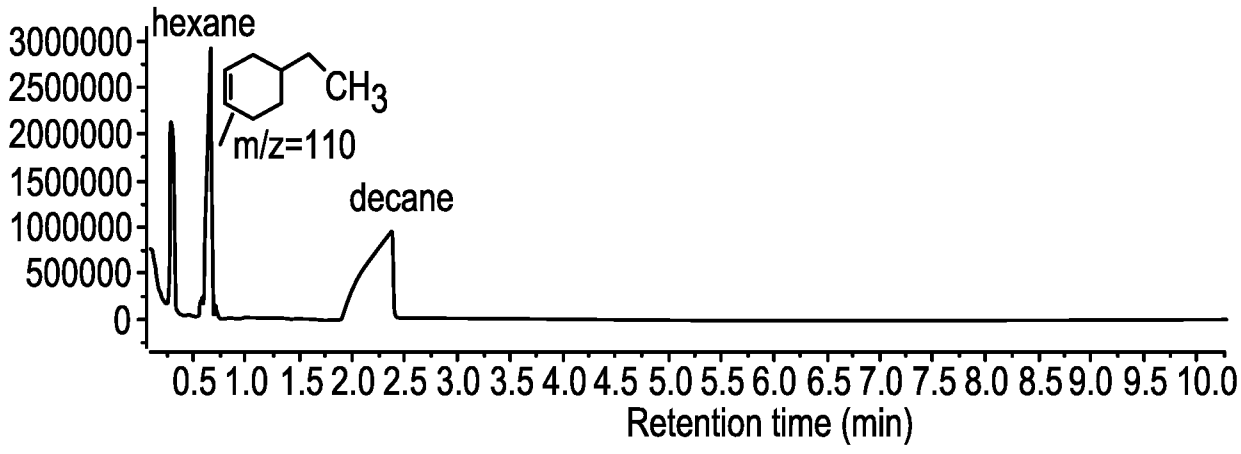

hexane
CH3
m/z=110
decane
3000000
2500000
2000000
1500000
1000000
500000
0
0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0
Retention time (min)

FIG. 2

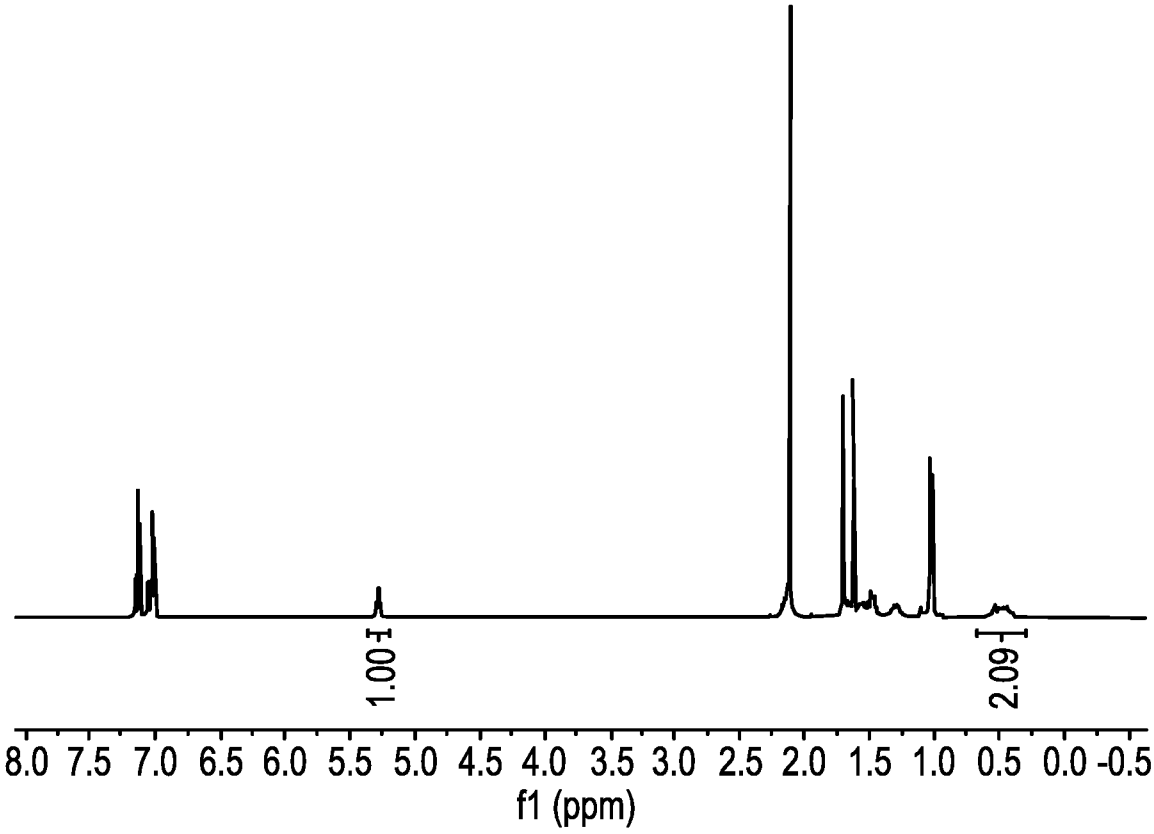


FIG. 3

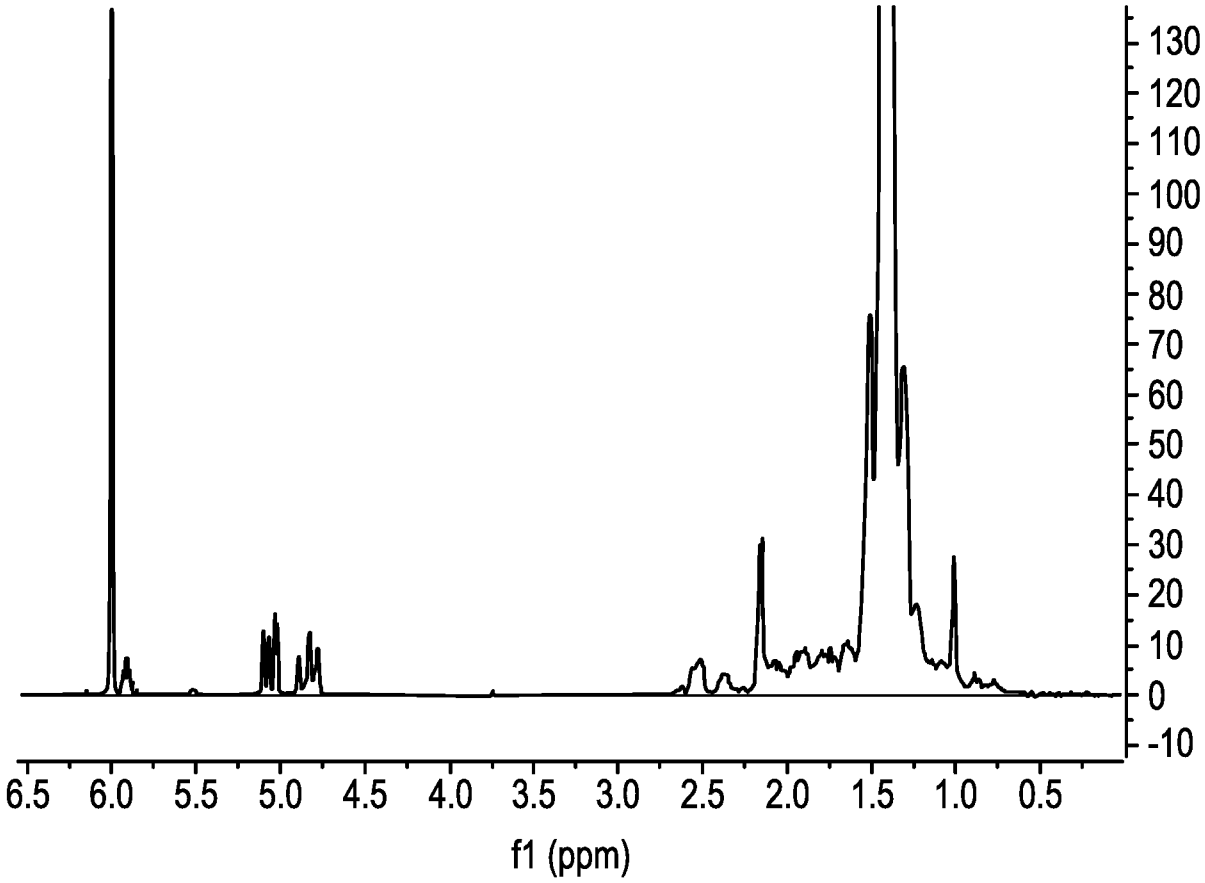
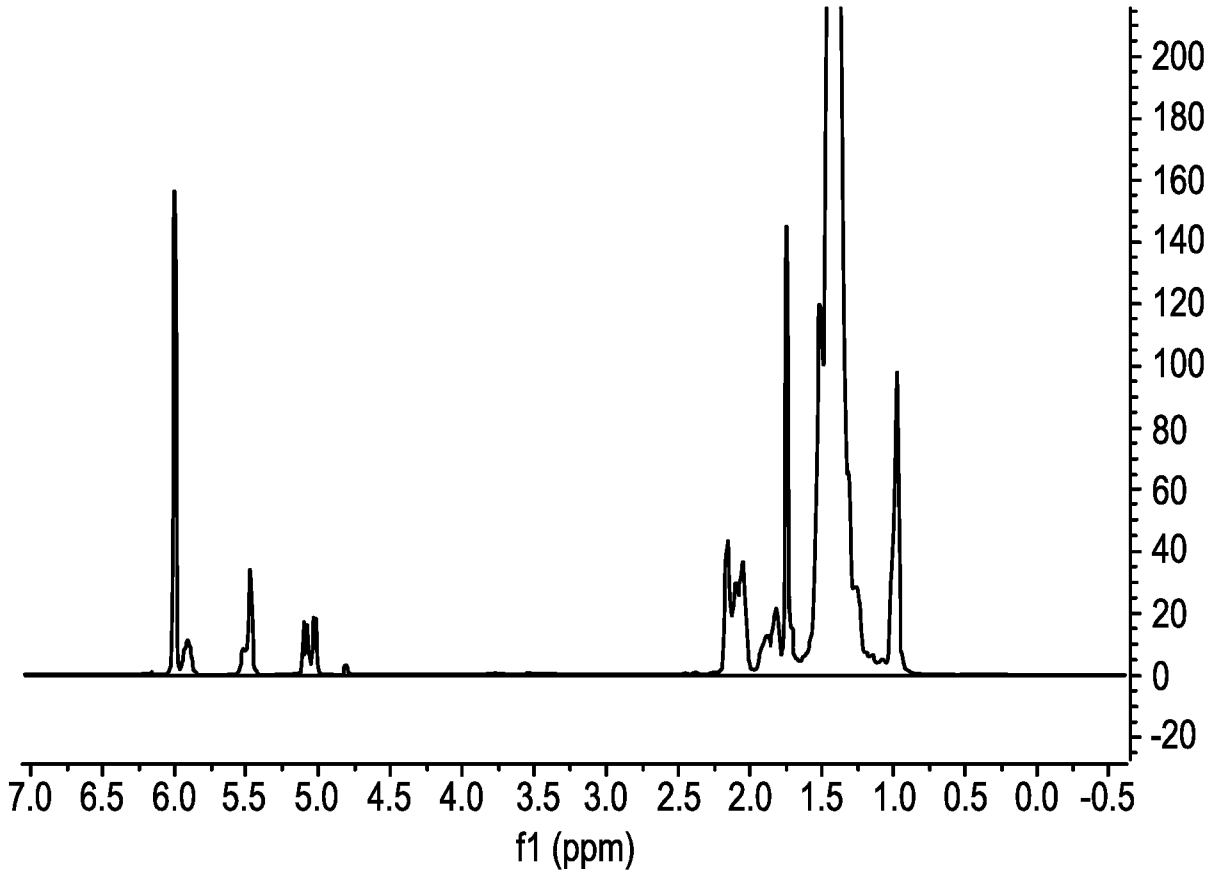

130
120
110
100
90
80
70
60
50
40
30
20
10
0
-10
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
f1 (ppm)

FIG. 4


200
180
160
140
120
100
80
60
40
20
0
-20
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 0.0 -0.5
f1 (ppm)