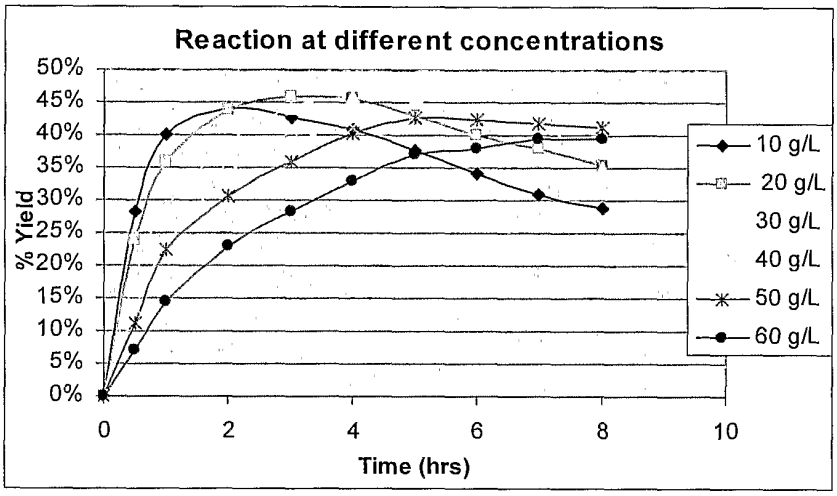
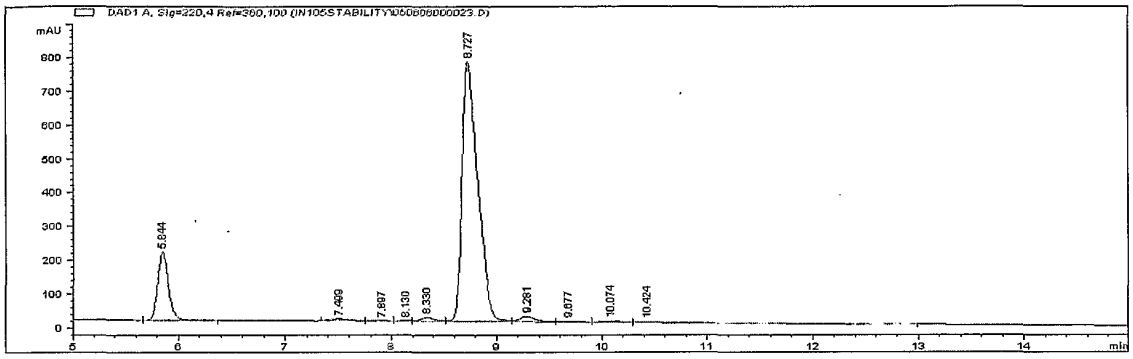

Reaction at different concentrations
50%
45%
40%
35%
30%
25%
20%
15%
10%
5%
0%
% Yield
0
2
4
6
8
10
Time (hrs)
10 g/L
20 g/L
30 g/L
40 g/L
50 g/L
60 g/L

FIG 1



Enzyme treatment end (10hr)

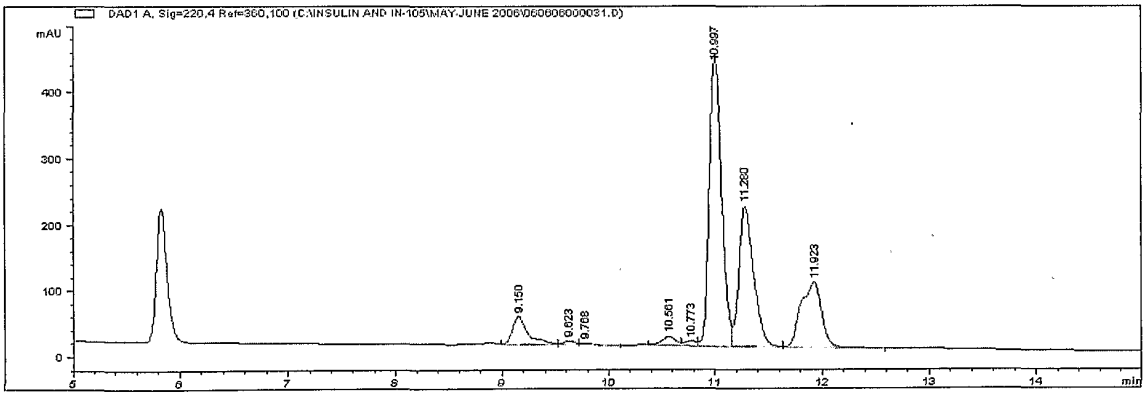


FIG 2

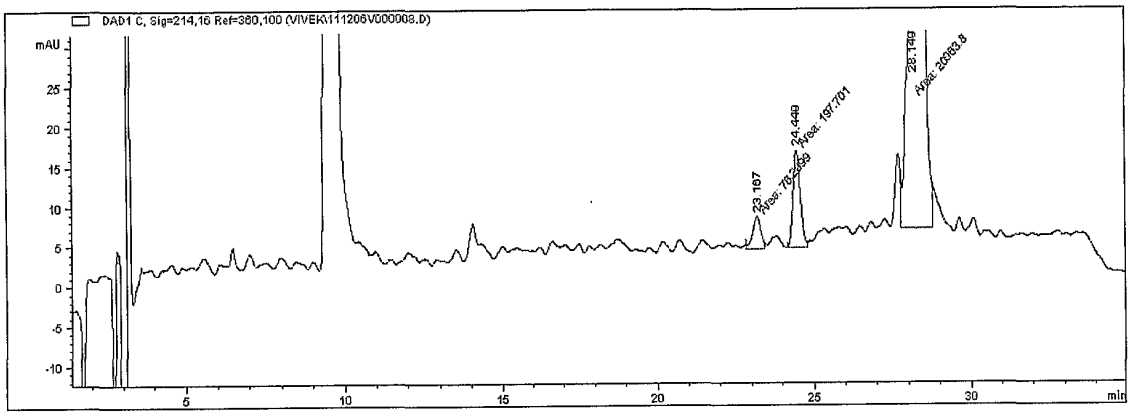

DAD1 C, Sig=214,16 Ref=360,100 (VIVEK\111206V000008.D)
mAU
25
20
15
10
5
0
-5
-10
5
10
15
20
25
30
min
23.167
24.449
Area: 197.701
28.149
Area: 20983.8

FIG 3

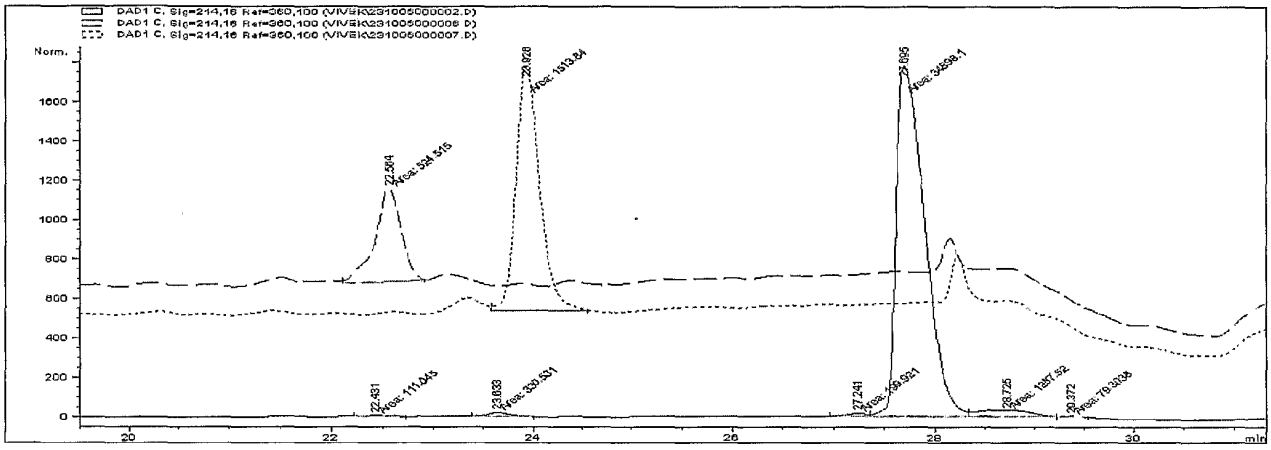

DAD1 C, Sig=214,16 Ref=360,100 (VIVEK\231005000002.D)
DAD1 C, Sig=214,16 Ref=360,100 (VIVEK\231005000006.D)
DAD1 C, Sig=214,16 Ref=360,100 (VIVEK\231005000007.D)
Norm.
1800
1600
1400
1200
1000
800
600
400
200
0
27.504
Area: 304.515
29.028
Area: 1513.84
35.695
Area: 34598.1
22.451
Area: 111.045
23.833
Area: 309.531
27.241
Area: 459.621
28.726
Area: 1857.52
30.372
Area: 79.3936
20
22
24
26
28
30
min

FIG 4

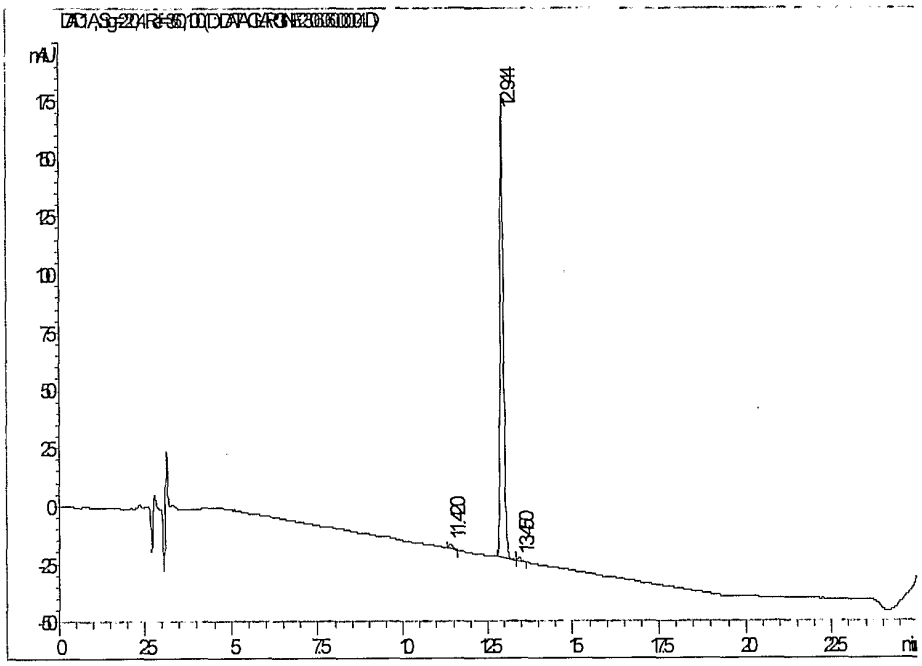


FIG 5

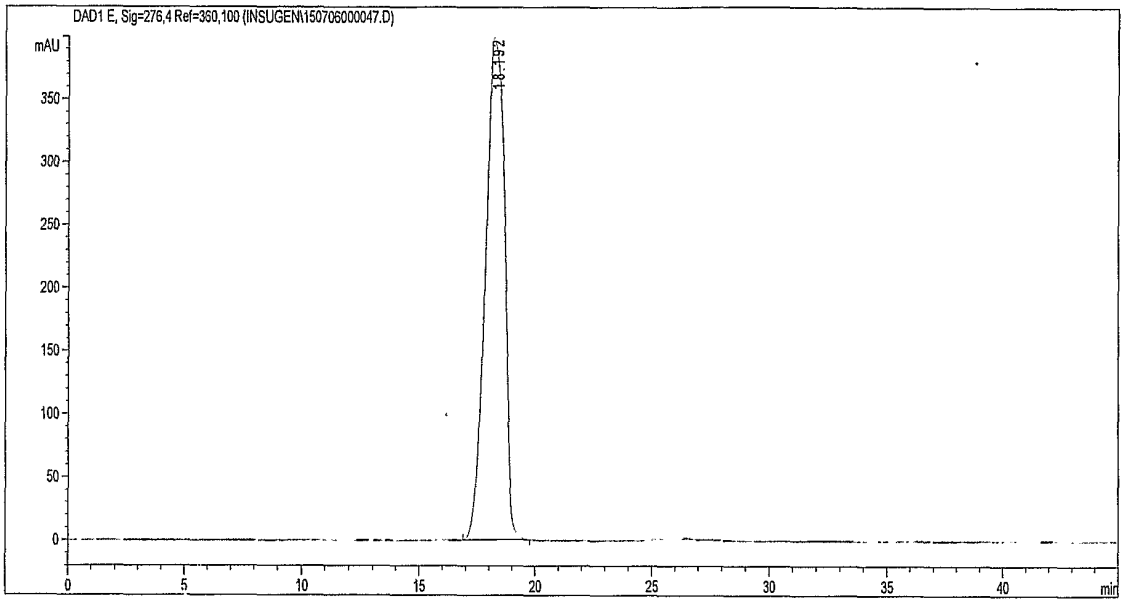

DAD1 E, Sig=276,4 Ref=360,100 (INSUGEN\150706000047.D)
mAU
350
300
250
200
150
100
50
0
18.197
0
5
10
15
20
25
30
35
40
min

FIG 6

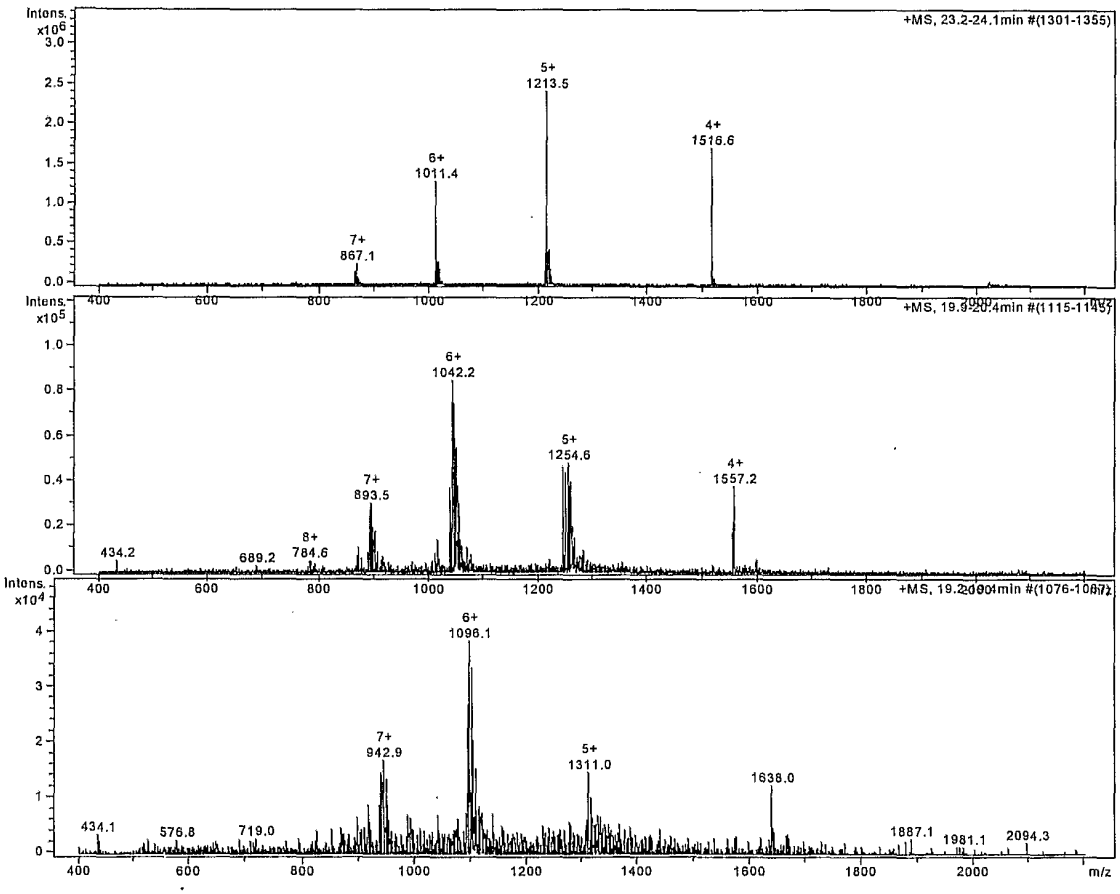

Intens.
x10^6
3.0
2.5
2.0
1.5
1.0
0.5
0.0
+MS, 23.2-24.1min #(1301-1355)
5+
1213.5
4+
1516.6
6+
1011.4
7+
867.1
400
600
800
1000
1200
1400
1600
1800
Intens.
x10^5
1.0
0.8
0.6
0.4
0.2
0.0
+MS, 19.9-20.4min #(1115-1157)
6+
1042.2
5+
1254.6
4+
1557.2
7+
893.5
8+
784.6
434.2
689.2
Intens.
x10^4
4
3
2
1
0
+MS, 19.2-20.0min #(1076-1087)
6+
1096.1
7+
942.9
5+
1311.0
1638.0
434.1
576.8
719.0
1887.1
1981.1
2094.3
m/z

FIG 7

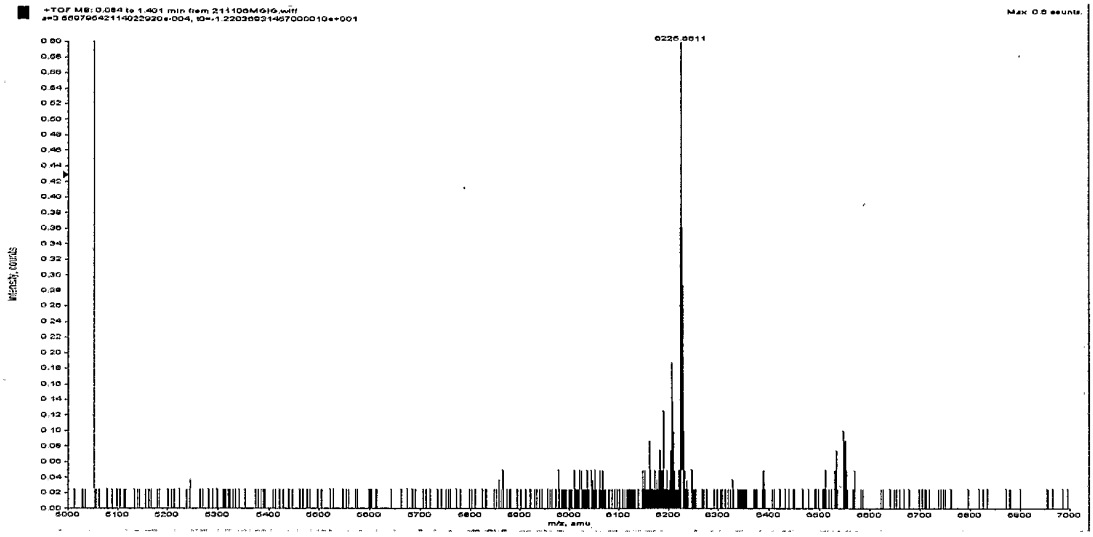


FIG 8

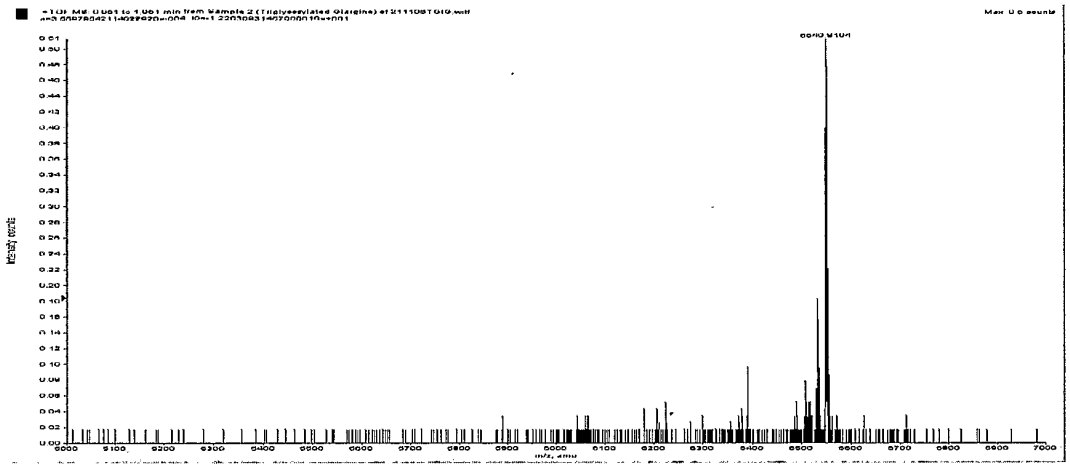


FIG 9