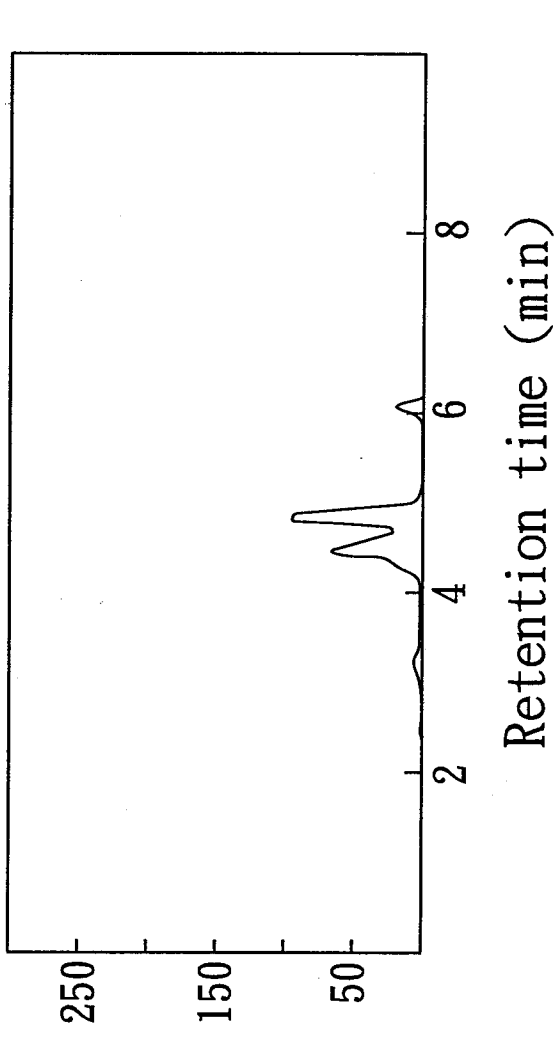


FIG. 1A

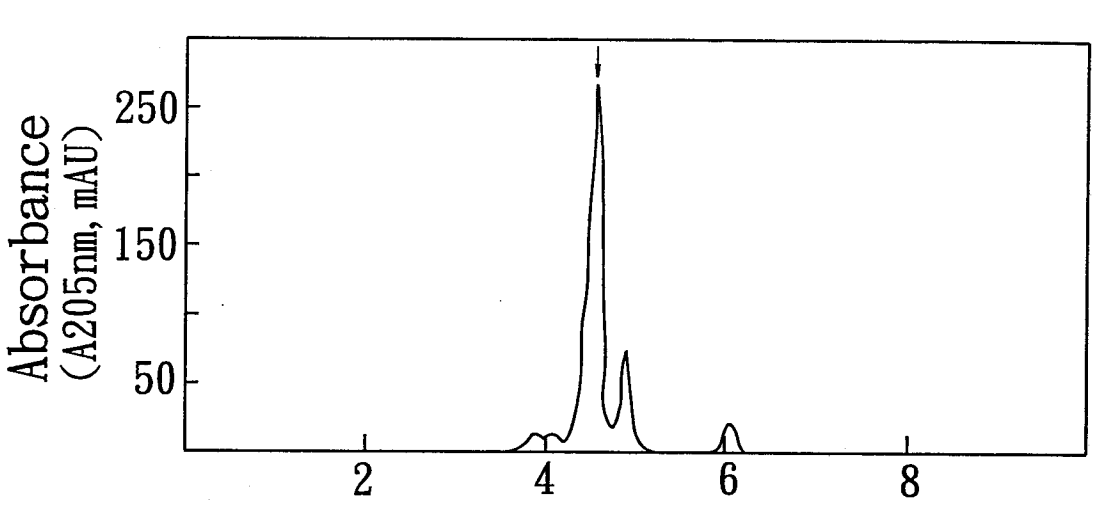

Absorbance
(A205nm, mAU)
250
150
50
2
4
6
8
Retention time (min)

FIG. 1B

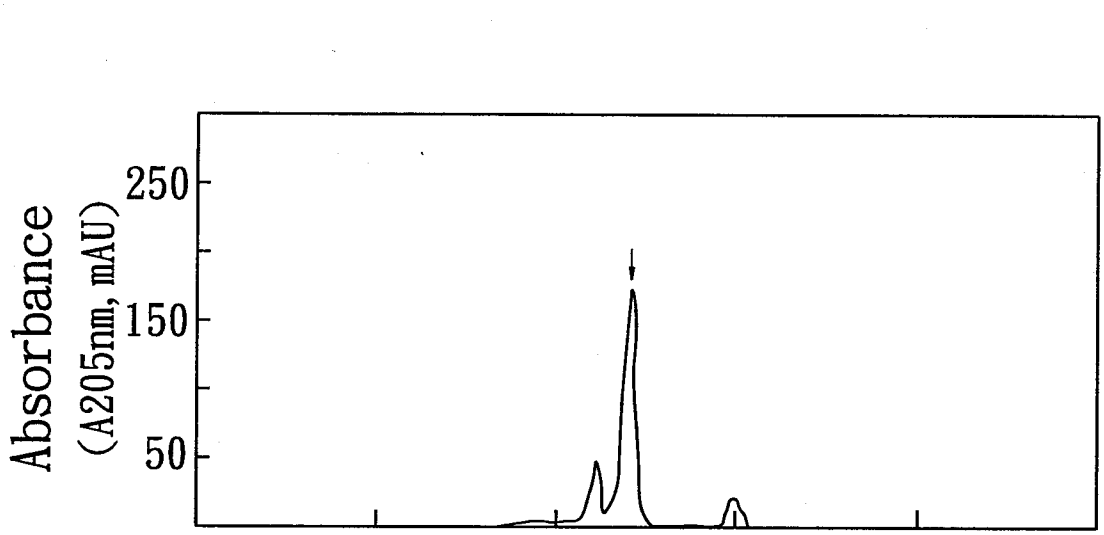

Absorbance
(A205nm, mAU)
250
150
50
2
4
6
8
Retention time (min)

FIG. 1C

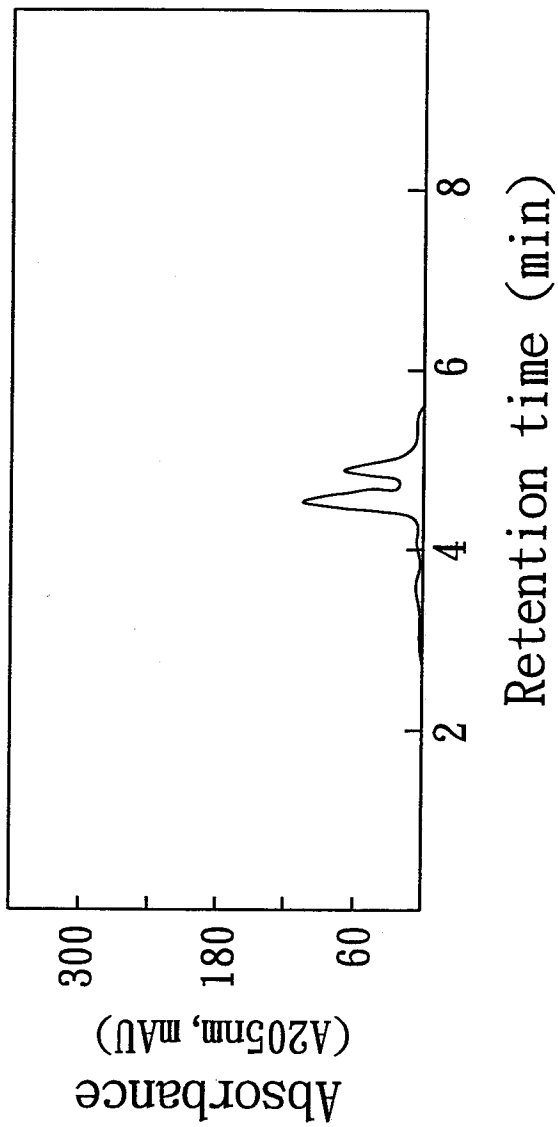


FIG. 2A

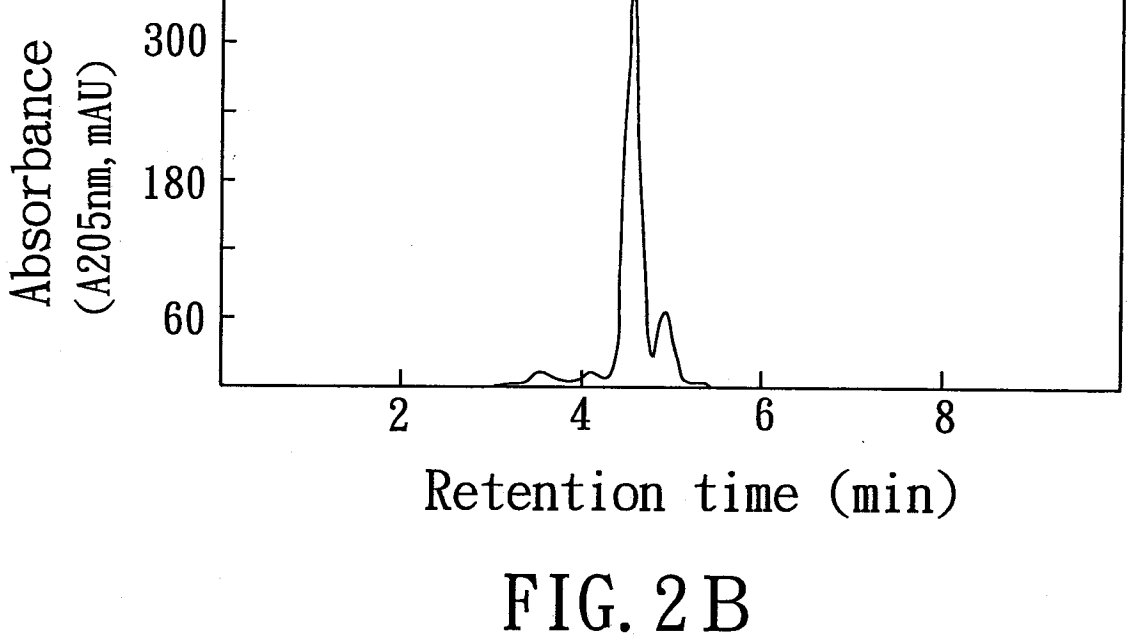

Absorbance
(A205nm, mAU)
300
180
60
2
4
6
8
Retention time (min)

FIG. 2B

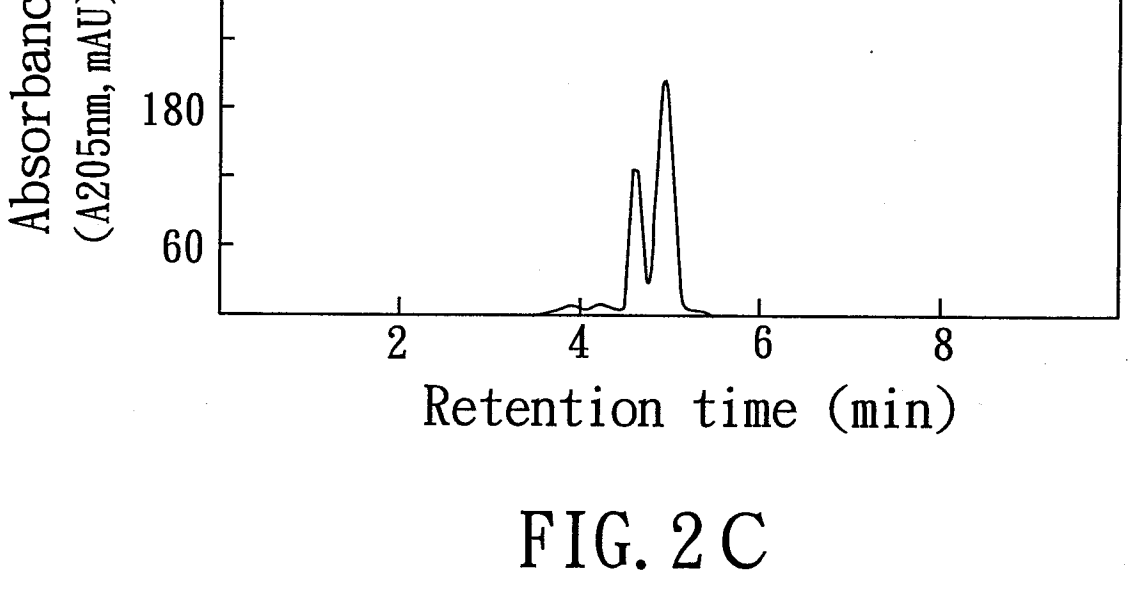

Absorbance
(A205nm, mAU)
300
180
60
2
4
6
8
Retention time (min)

FIG. 2C

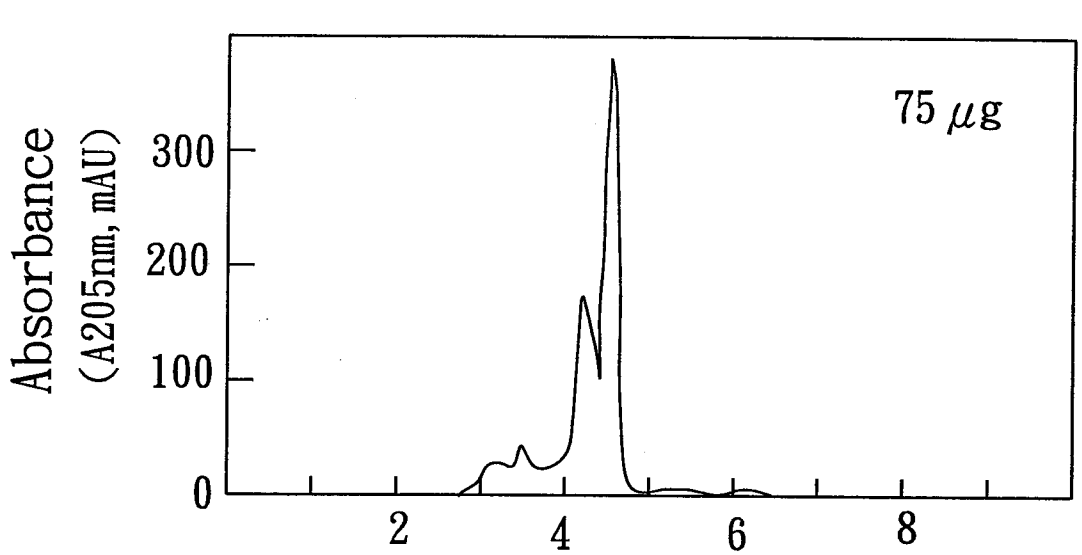

75 μg
Absorbance
(A205nm, mAU)
300
200
100
0
2
4
6
8
Retention time (min)

FIG. 3A

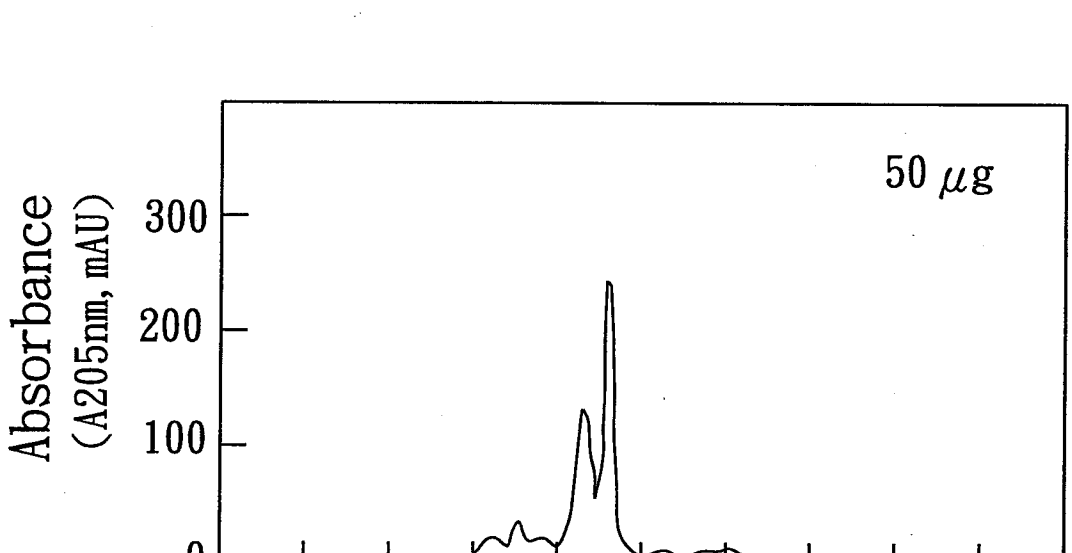

50 μg
Absorbance
(A205nm, mAU)
300
200
100
0
2
4
6
8
Retention time (min)

FIG. 3B

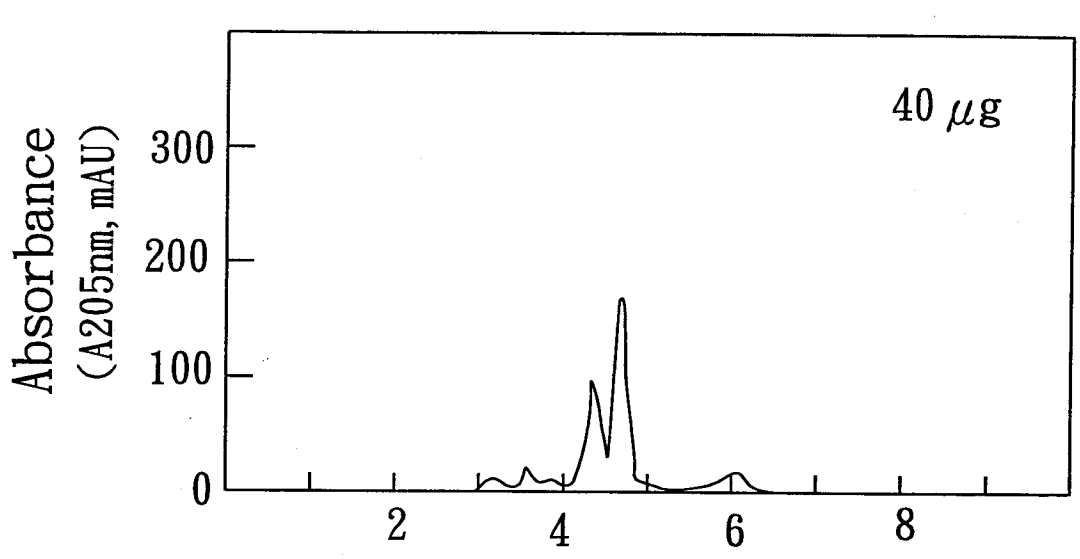

40 μg
Absorbance
(A205nm, mAU)
300
200
100
0
2
4
6
8
Retention time (min)

FIG. 3C

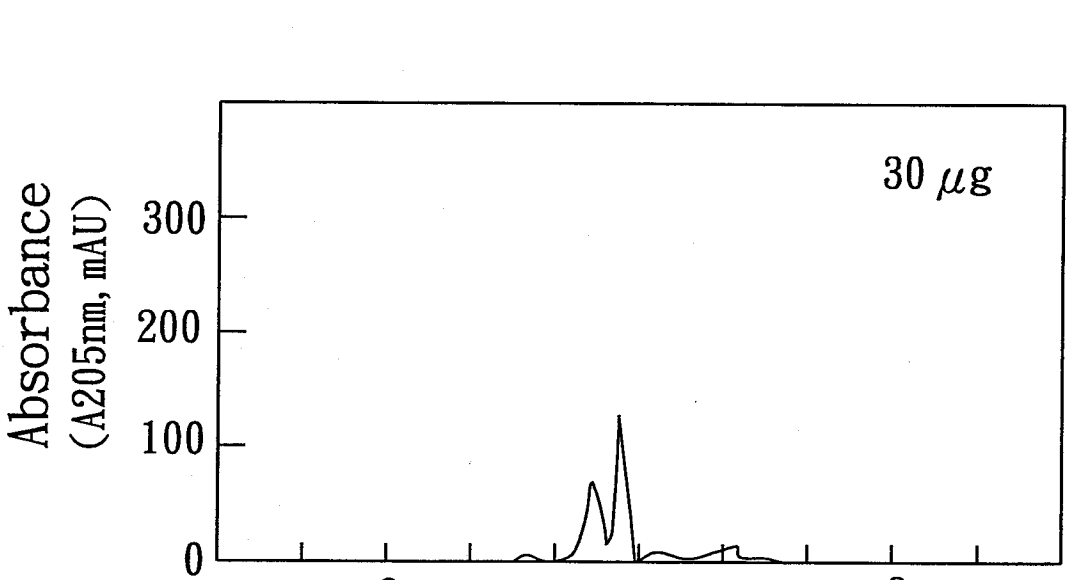

30 μg
Absorbance
(A205nm, mAU)
300
200
100
0
2
4
6
8
Retention time (min)

FIG. 3D

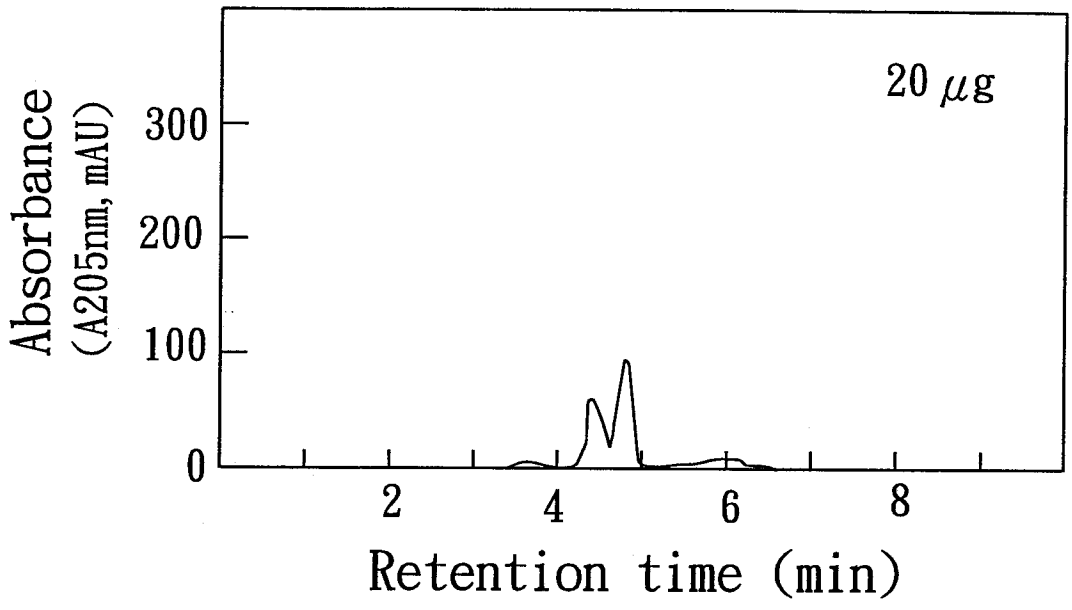

20 μg
Absorbance
(A205nm, mAU)
300
200
100
0
2
4
6
8
Retention time (min)

FIG. 3E

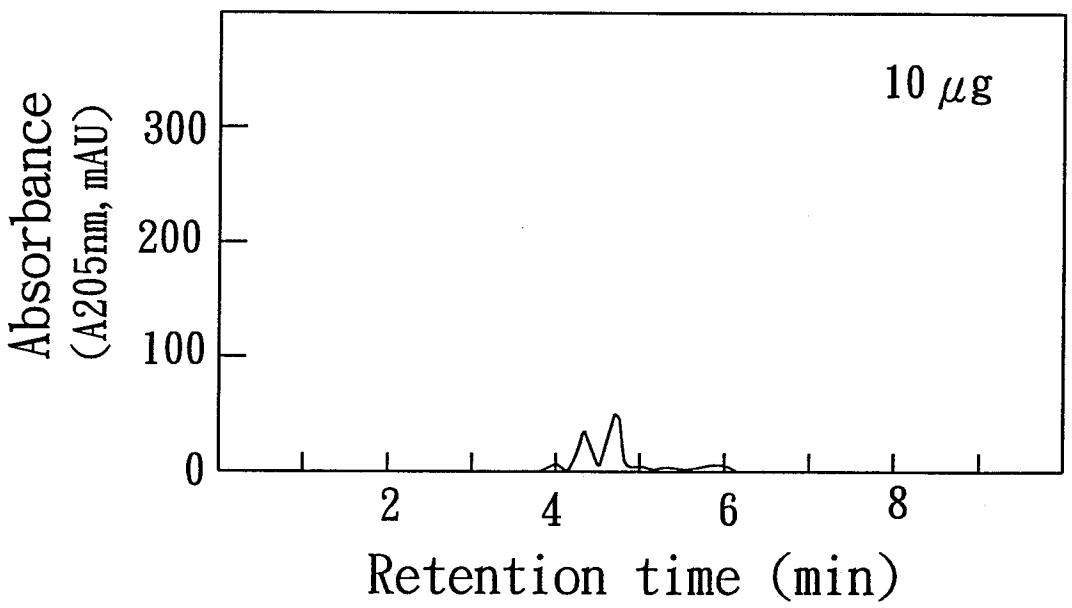

10 μg
Absorbance
(A205nm, mAU)
300
200
100
0
2
4
6
8
Retention time (min)

FIG. 3F

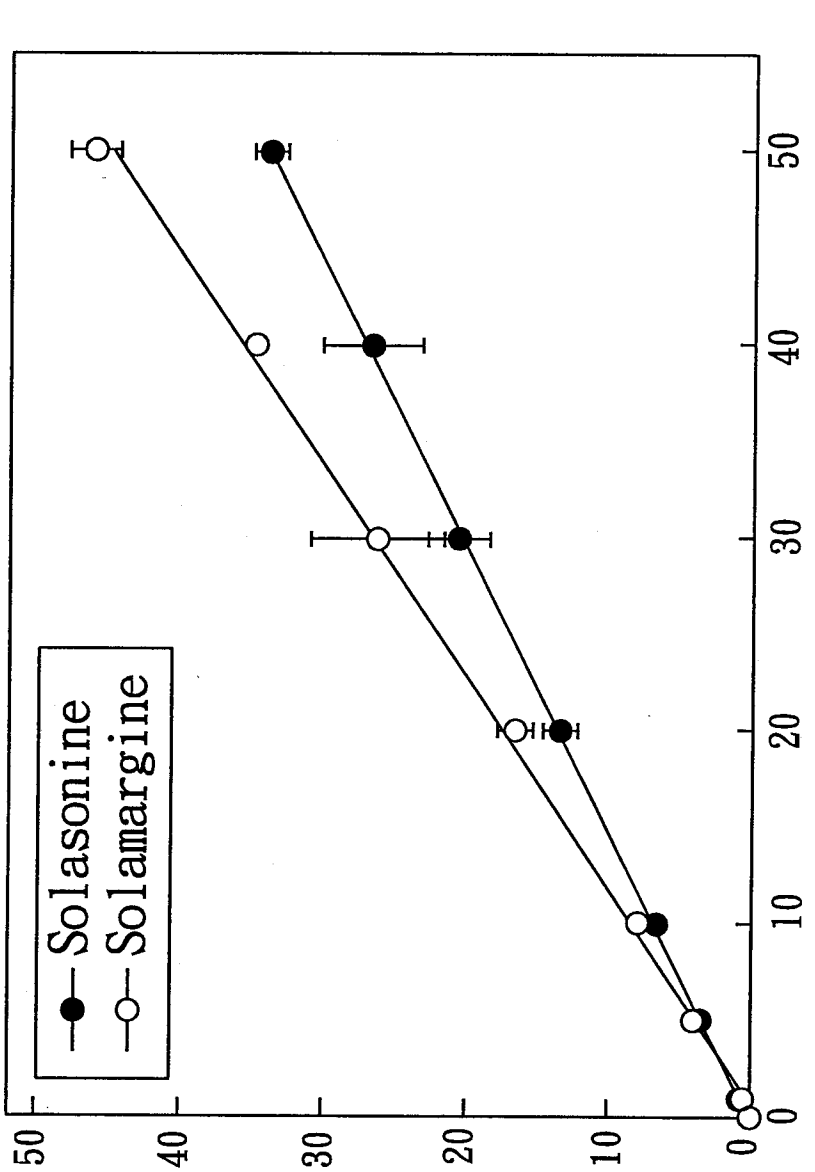

Solasonine
Solamargine
0
10
20
30
40
50
Area (unit x 10^3)
Content (μg)

FIG. 4

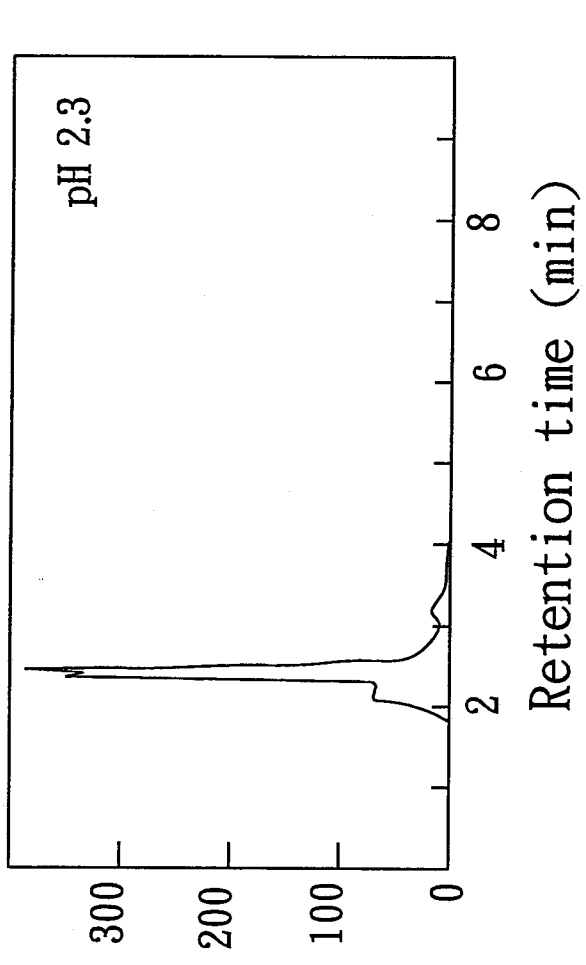

pH 2.3
Absorbance
(A205nm, mAU)
300
200
100
0
2
4
6
8
Retention time (min)

FIG. 5A

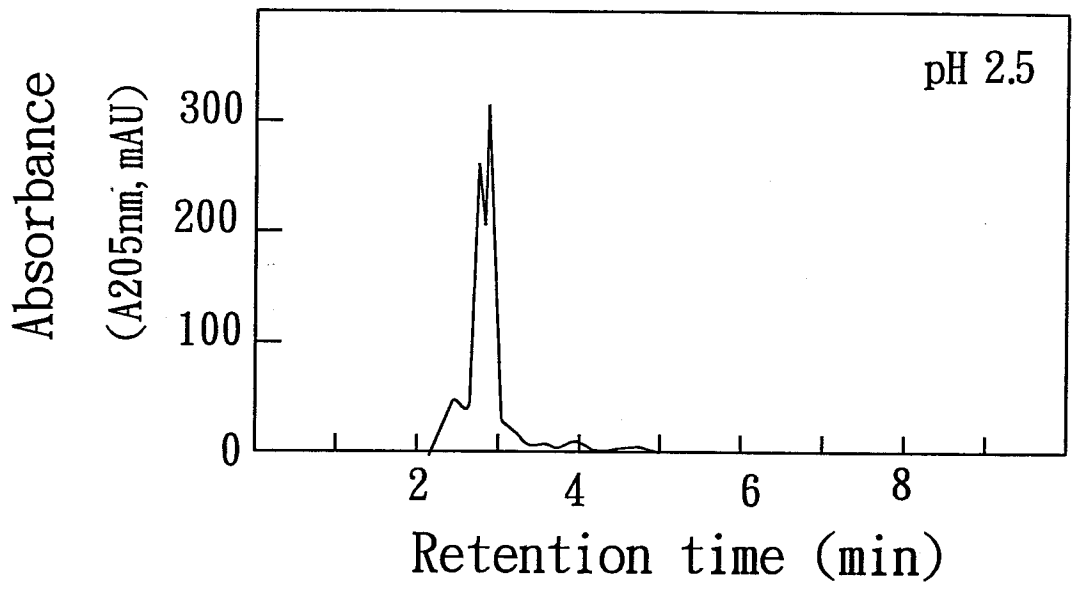

pH 2.5
Absorbance
(A205nm, mAU)
300
200
100
0
2
4
6
8
Retention time (min)

FIG. 5B

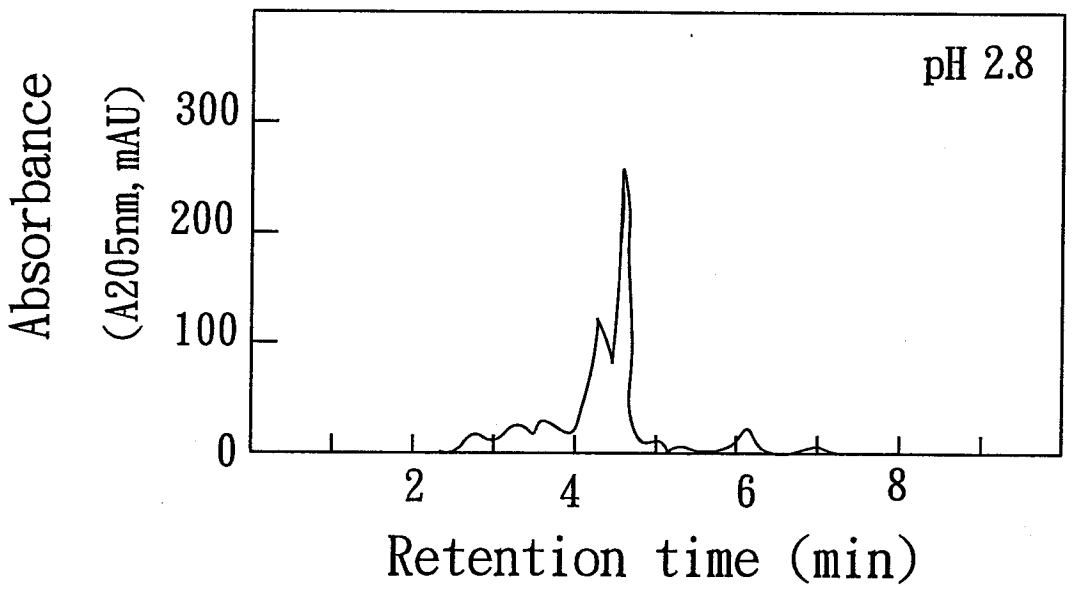

pH 2.8
Absorbance
(A205nm, mAU)
300
200
100
0
2
4
6
8
Retention time (min)

FIG. 5C

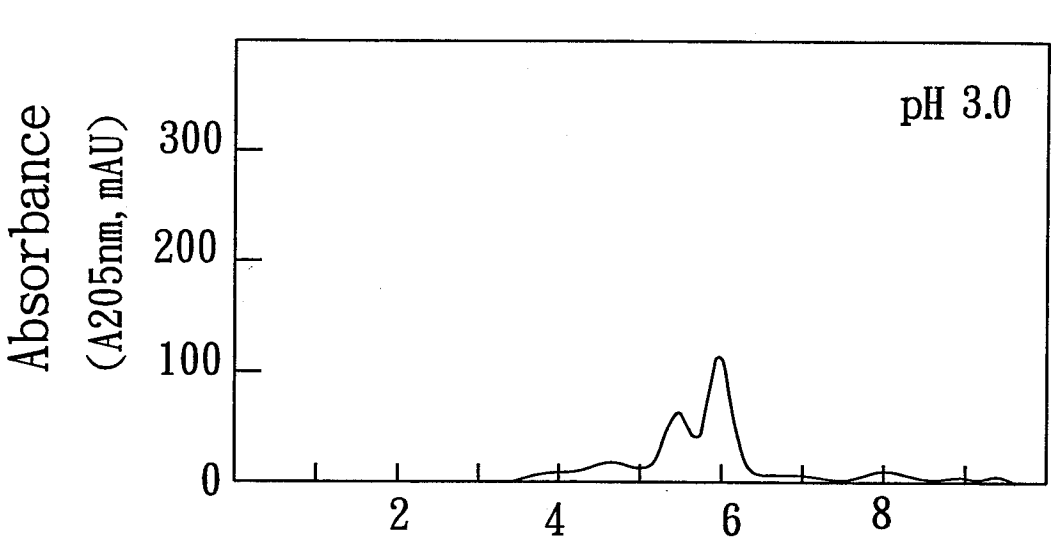

pH 3.0
Absorbance
(A205nm, mAU)
300
200
100
0
2
4
6
8
Retention time (min)

FIG. 5D

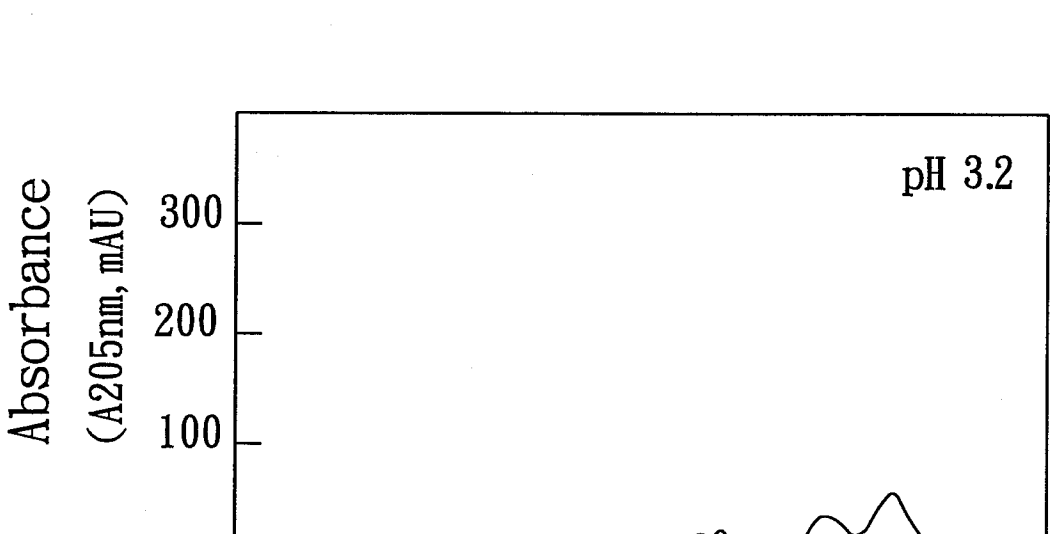

pH 3.2
Absorbance
(A205nm, mAU)
300
200
100
0
2
4
6
8
Retention time (min)

FIG. 5E

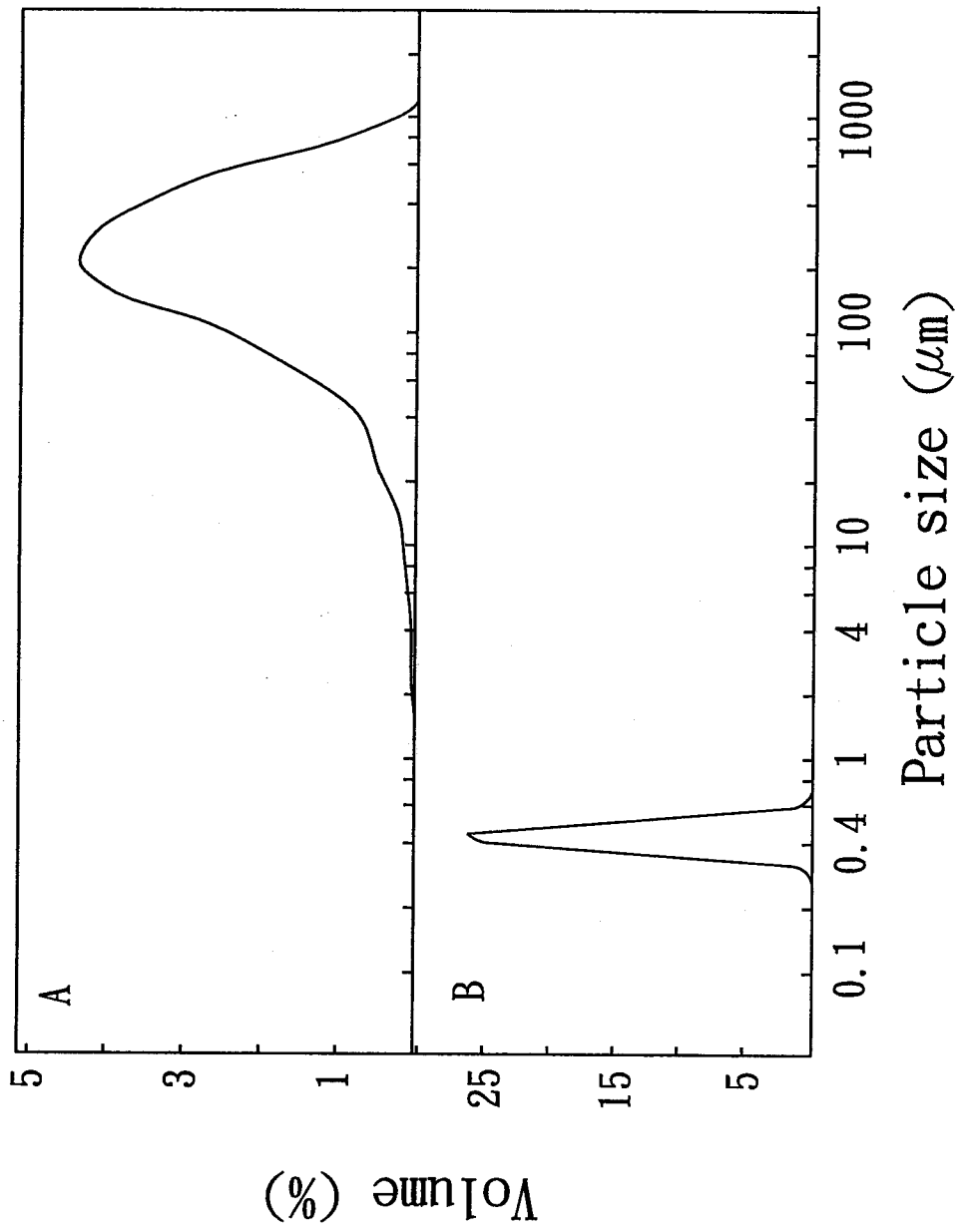


FIG. 6

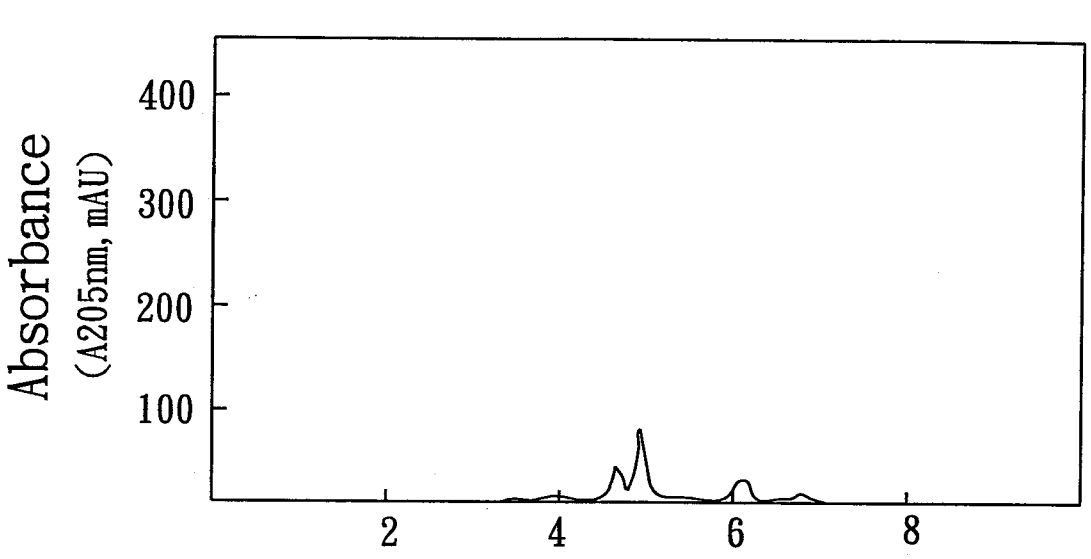

Absorbance
(A205nm, mAU)
400
300
200
100
2
4
6
8
Retention time (min)

FIG. 7A

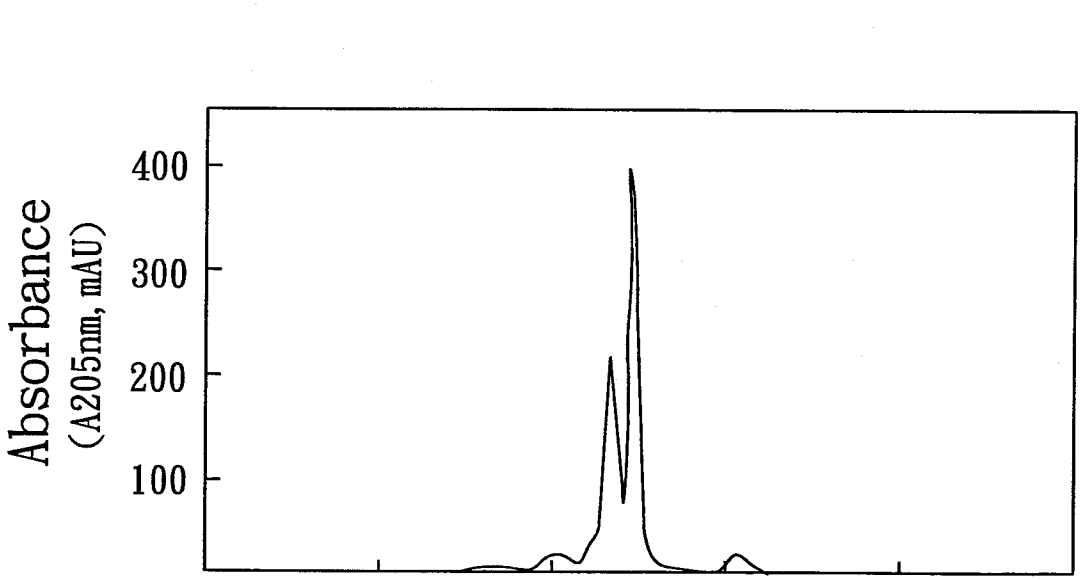

Absorbance
(A205nm, mAU)
400
300
200
100
2
4
6
8
Retention time (min)

FIG. 7B

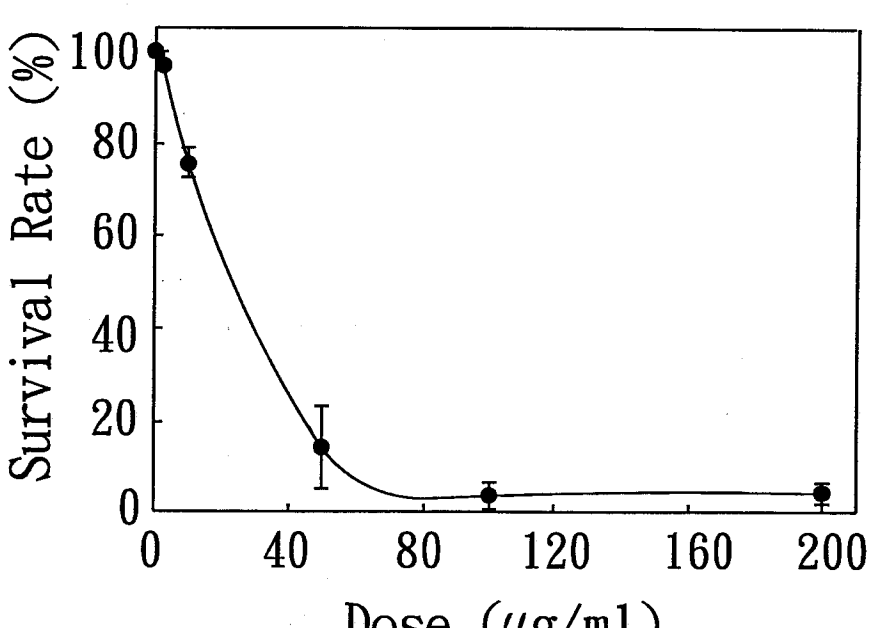


FIG. 8A

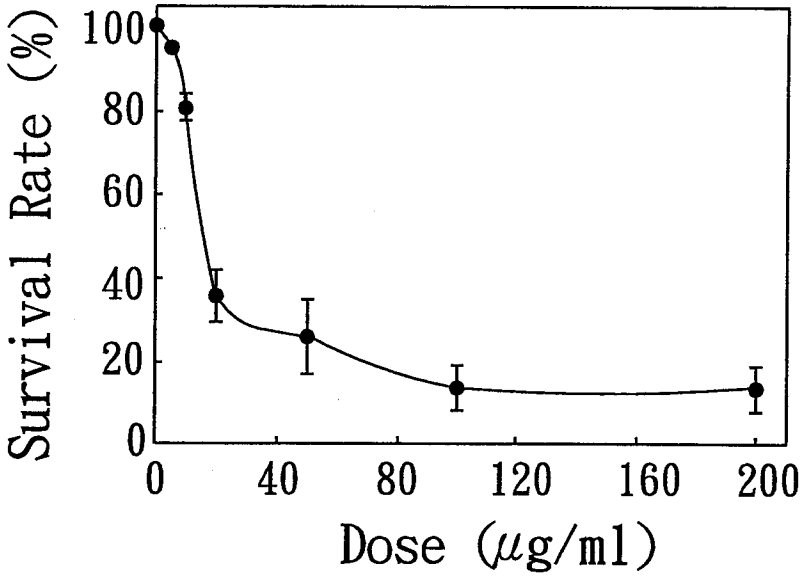

Survival Rate (%)
100
80
60
40
20
0
0
40
80
120
160
200
Dose (μg/ml)

FIG. 8B

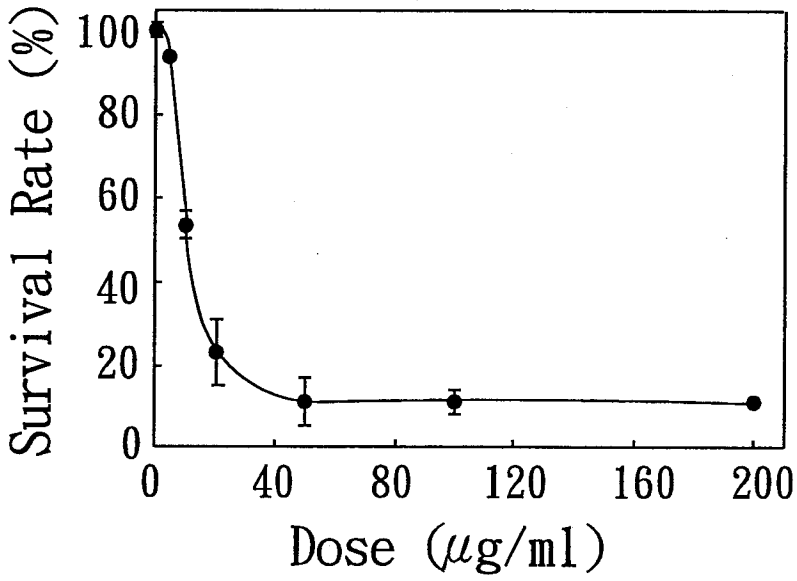

Survival Rate (%)
100
80
60
40
20
0
0
40
80
120
160
200
Dose (μg/ml)

FIG. 8C

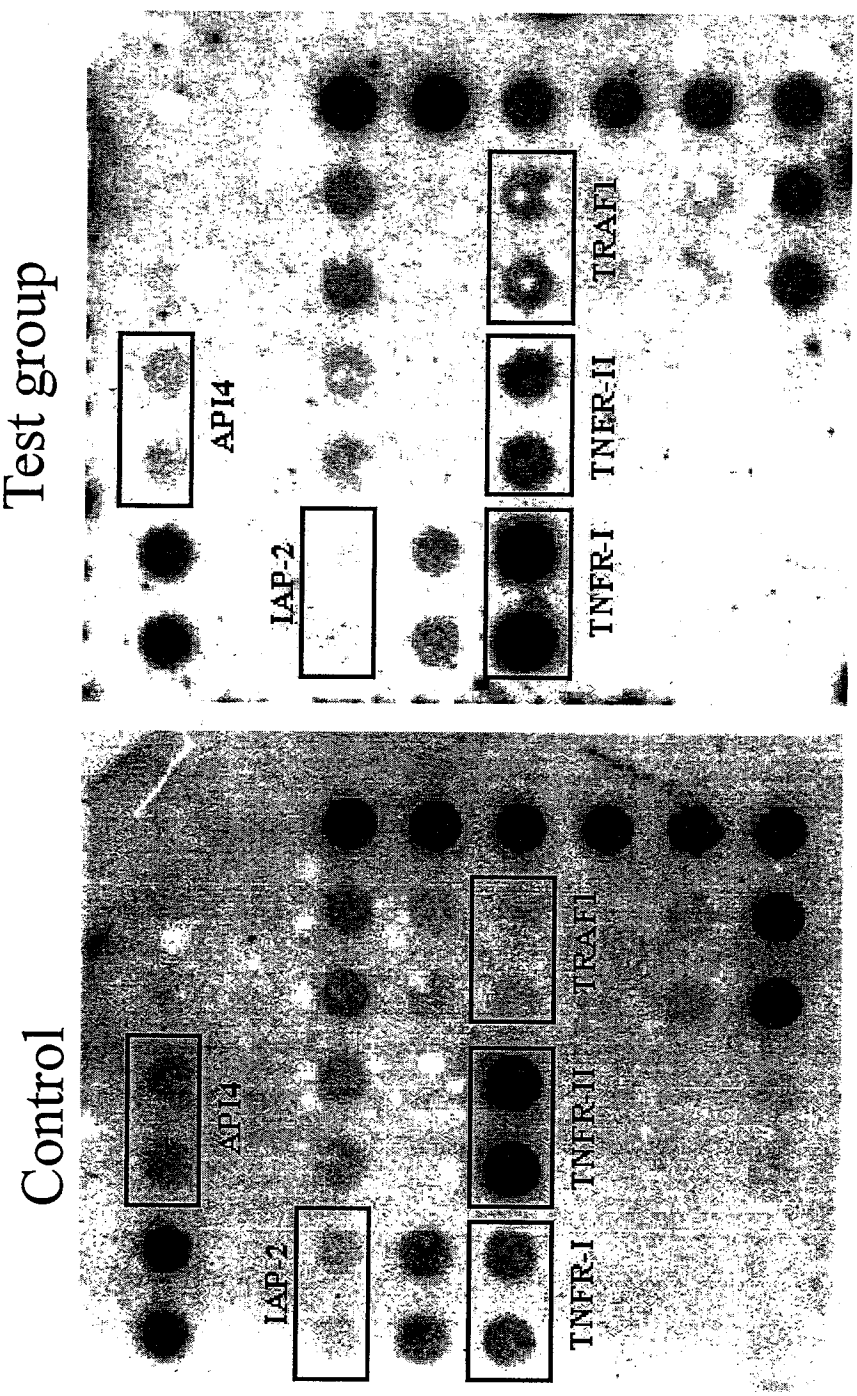

Control
Test group
API4
IAP-2
TNFR-I
TNFR-II
TRAF1
API4
IAP-2
TNFR-I
TNFR-II
TRAF1

FIG. 9

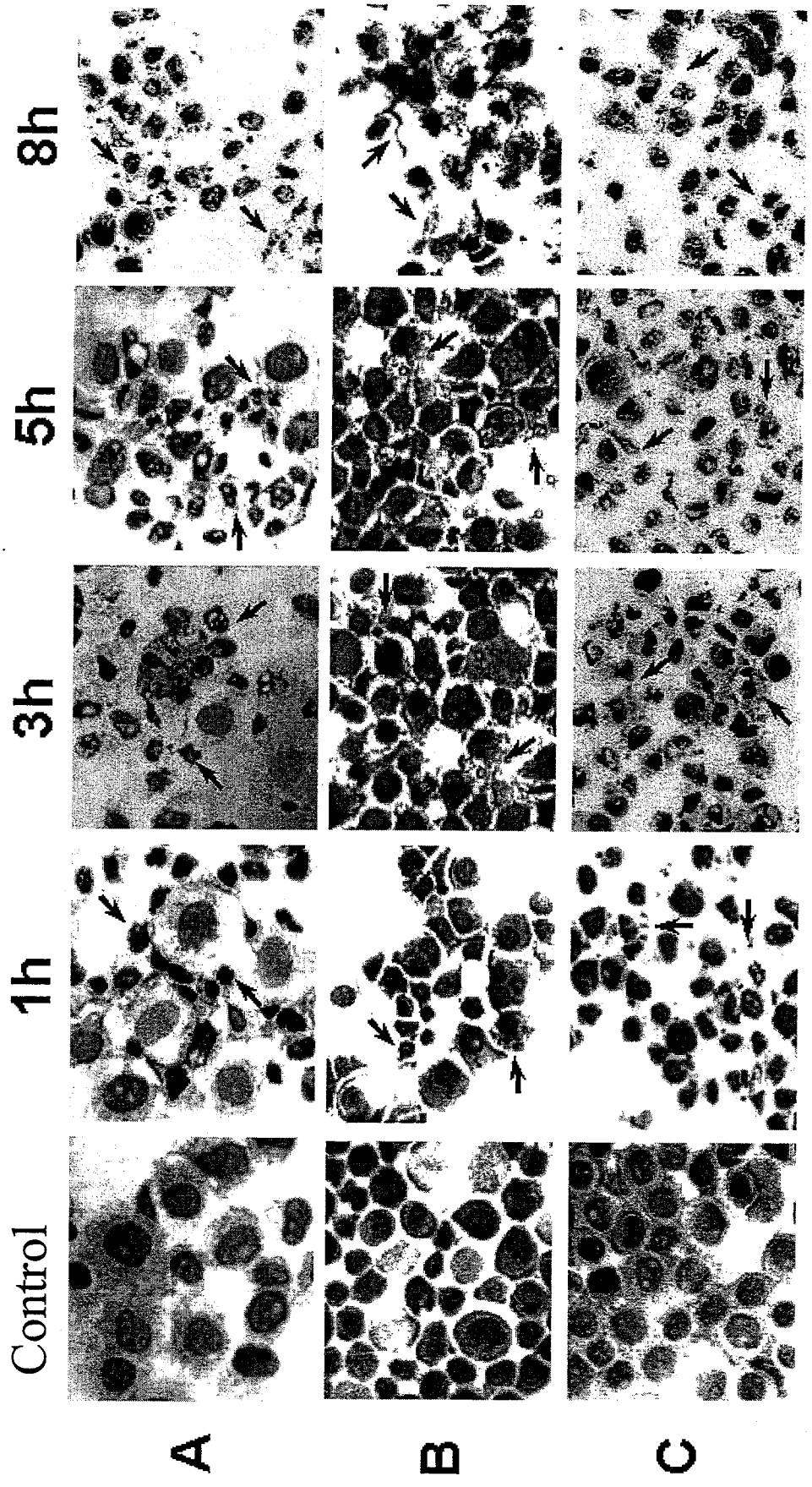


FIG. 10

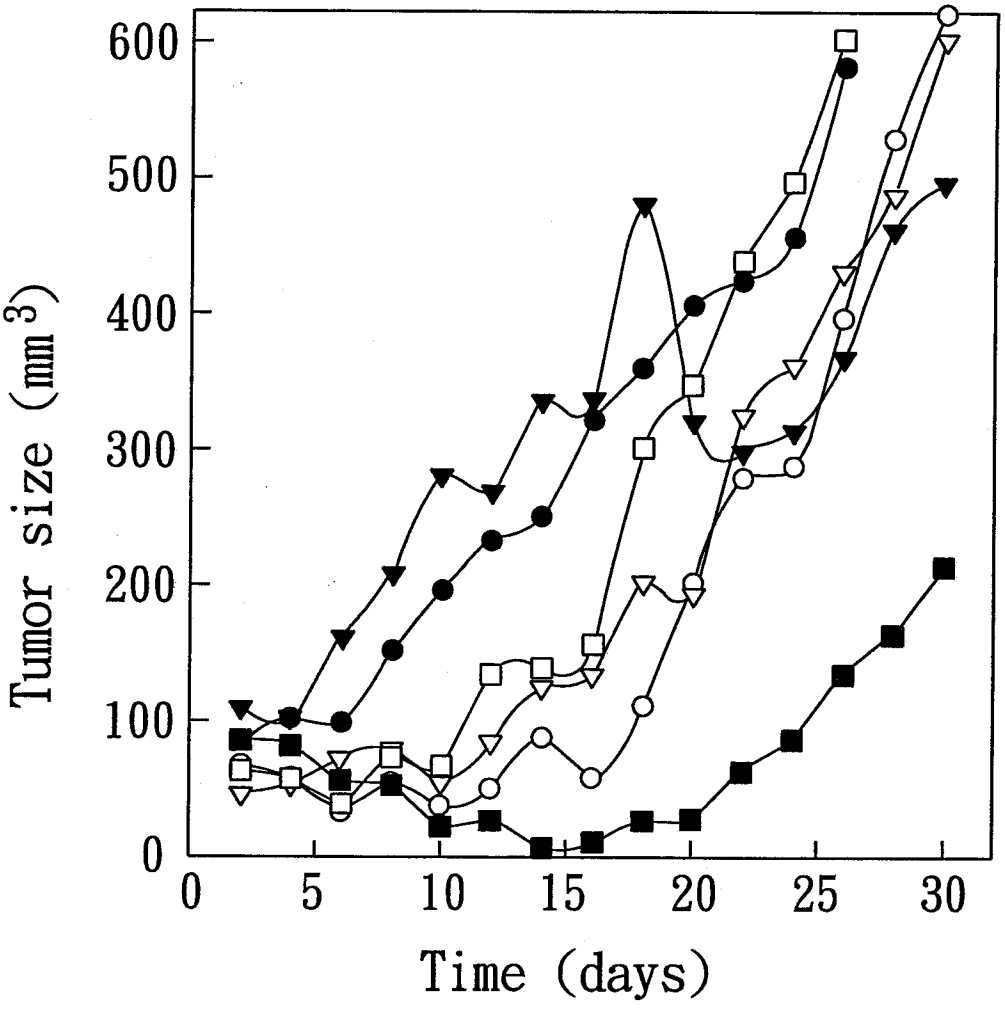

600
500
400
300
200
100
0
Tumor size (mm3)
0
5
10
15
20
25
30
Time (days)

FIG. 11A

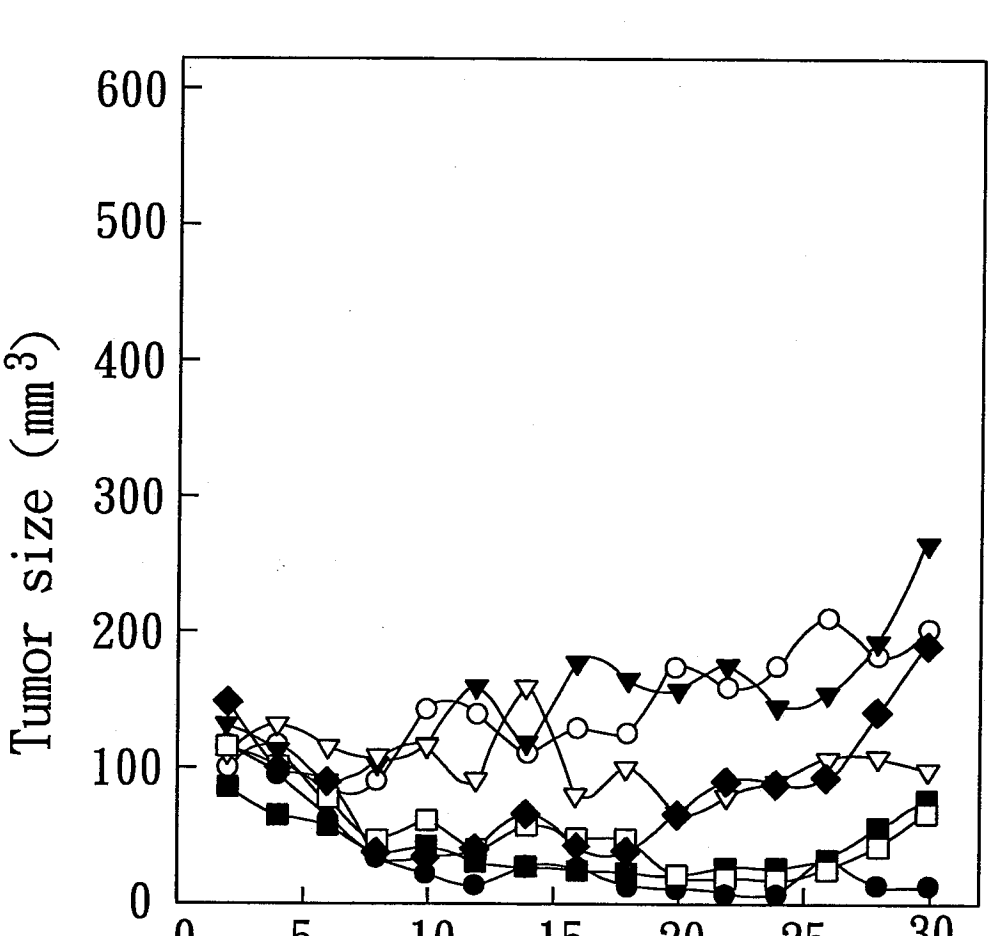

600
500
400
300
200
100
0
Tumor size (mm3)
0
5
10
15
20
25
30
Time (days)

FIG. 11B

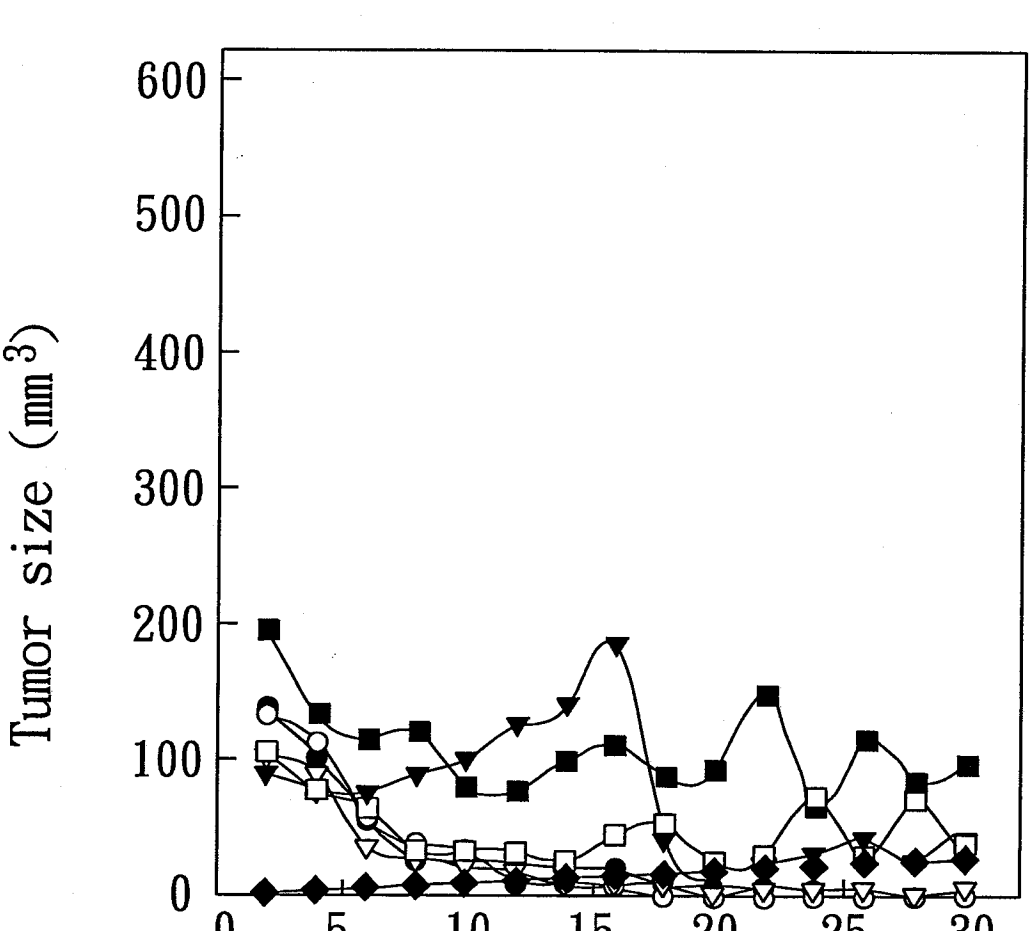

600
500
400
300
200
100
0
Tumor size (mm3)
0
5
10
15
20
25
30
Time (days)

FIG. 11C

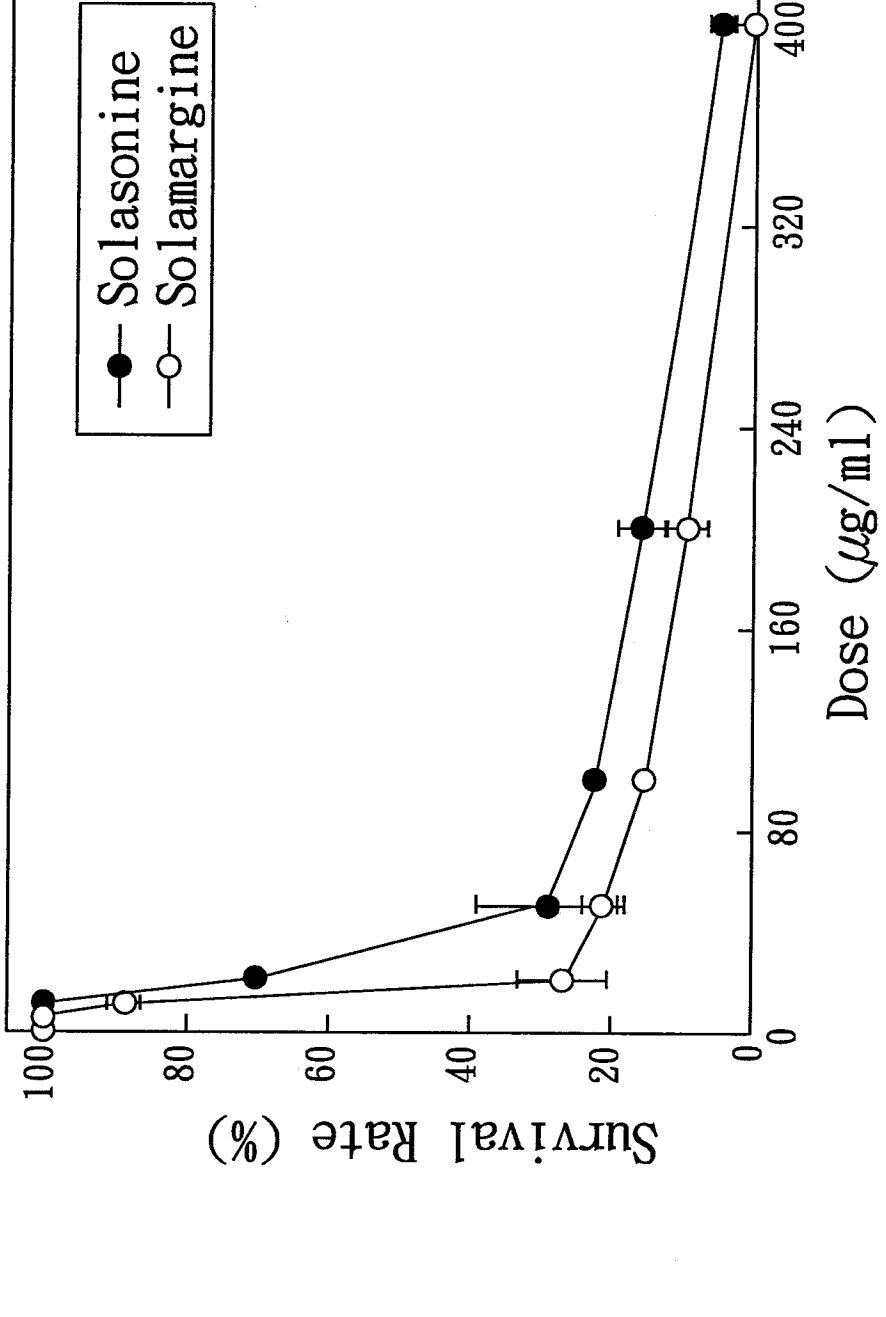

Solasonine
Solamargine
Survival Rate (%)
100
80
60
40
20
0
0
80
160
240
320
400
Dose (μg/ml)

FIG. 12