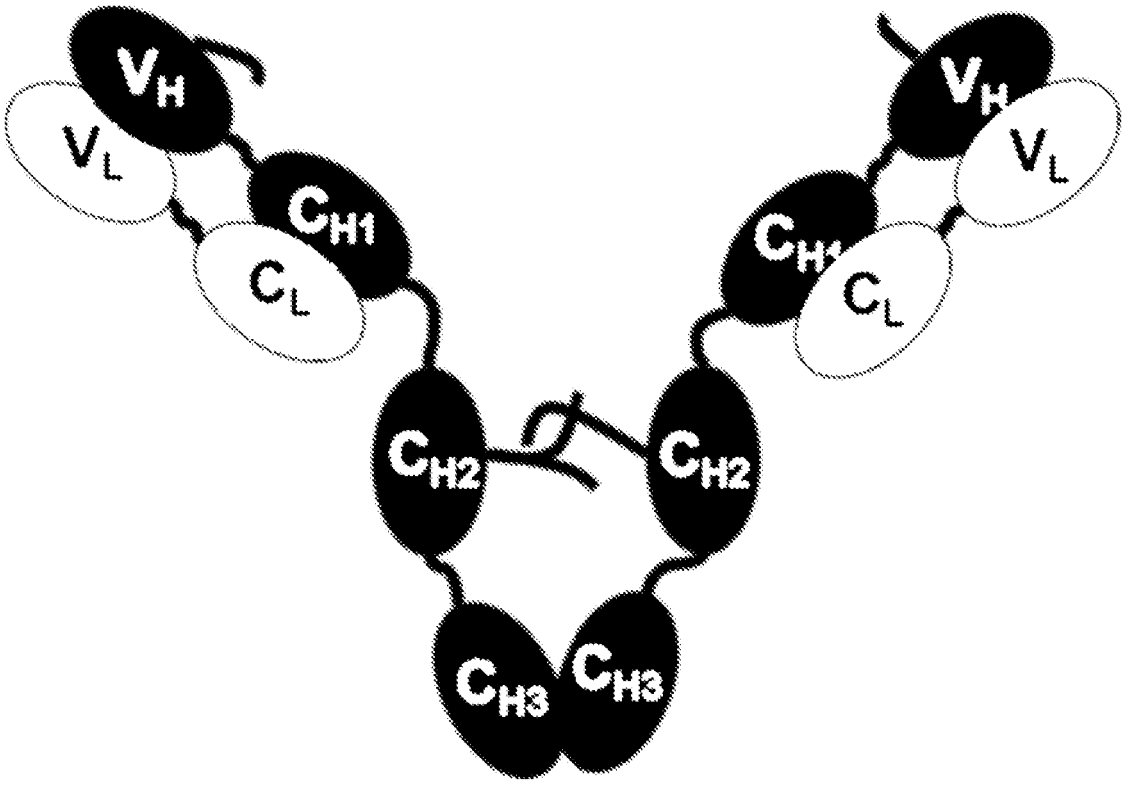


FIG. 1

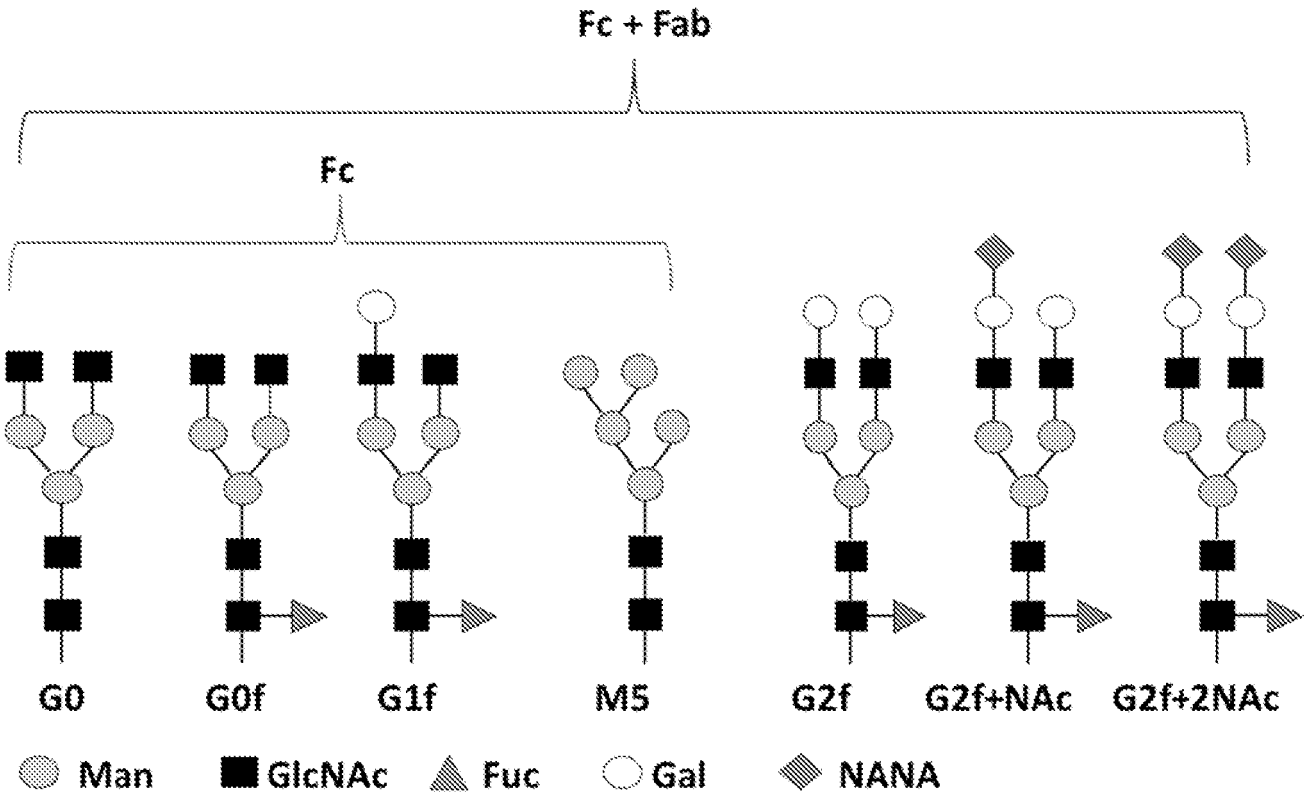

Fc + Fab
Fc
G0
G0f
G1f
M5
G2f
G2f+NAc
G2f+2NAc
Man
GlcNAc
Fuc
Gal
NANA

FIG. 2

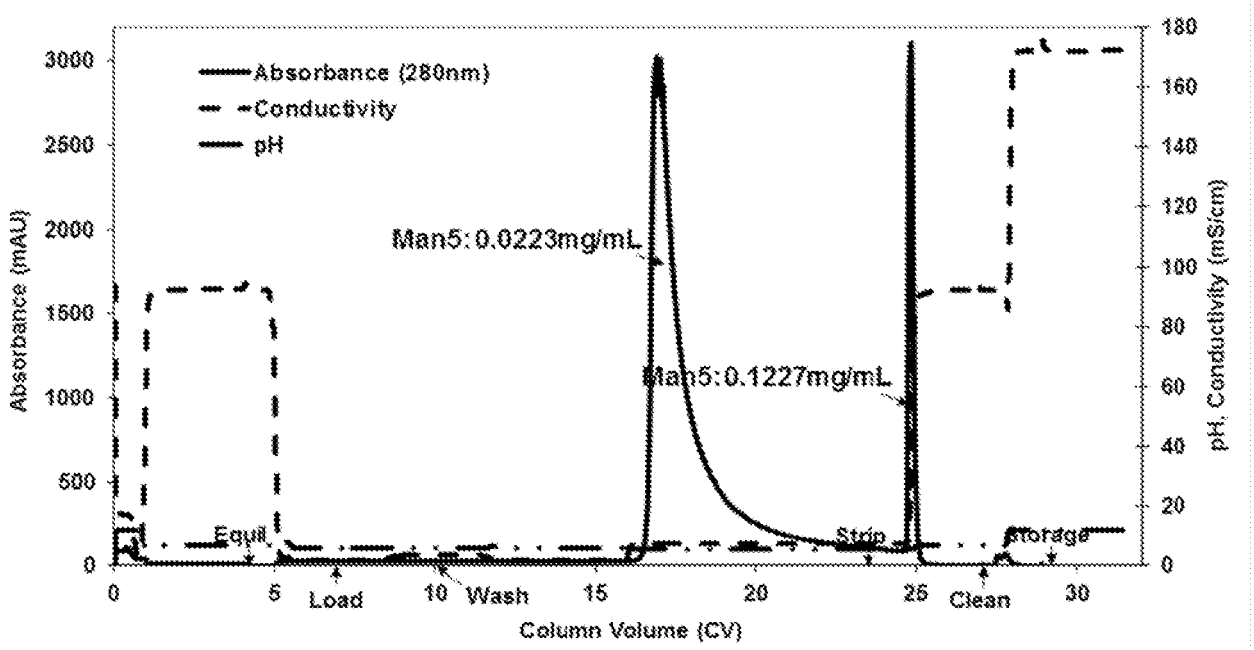

Absorbance (280nm)
Conductivity
pH
Man5:0.0223mg/mL
Man5:0.1227mg/mL
Equil
Load
Wash
Strip
Clean
Storage
Absorbance (mAU)
pH, Conductivity (mS/cm)
Column Volume (CV)
0
500
1000
1500
2000
2500
3000
0
20
40
60
80
100
120
140
160
180
0
5
10
15
20
25
30

FIG. 3

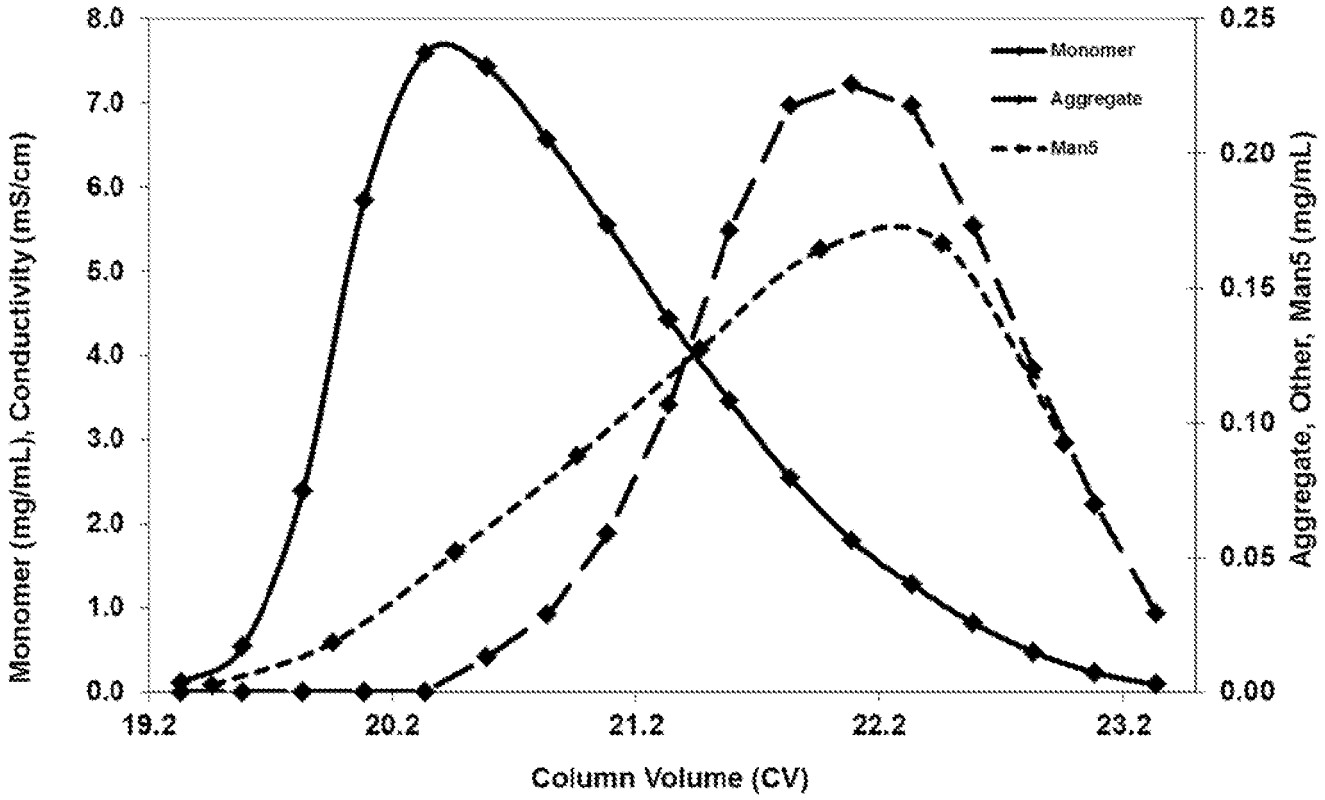

Monomer
Aggregate
Man5
Monomer (mg/mL), Conductivity (mS/cm)
Aggregate, Other, Man5 (mg/mL)
Column Volume (CV)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0.25
0.20
0.15
0.10
0.05
0.00
19.2
20.2
21.2
22.2
23.2

FIG. 4

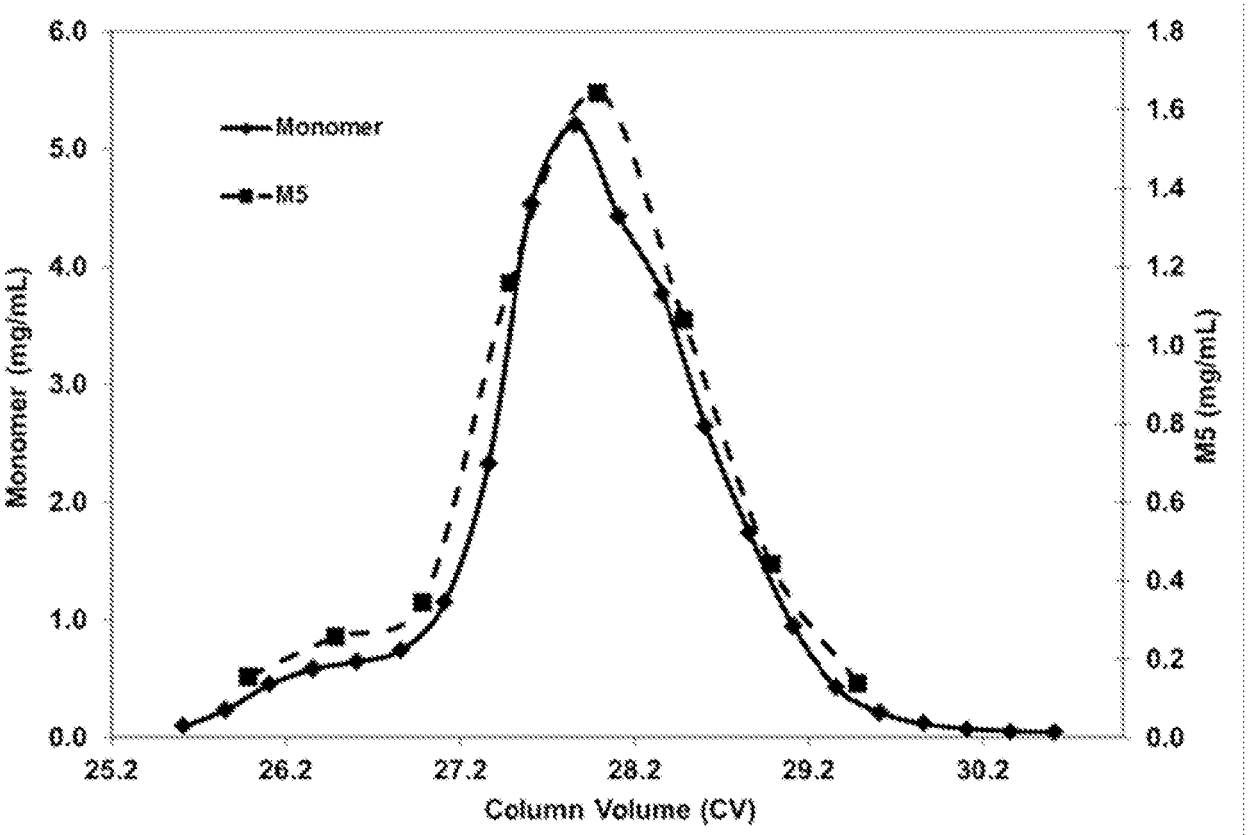

Monomer
M5
Monomer (mg/mL)
M5 (mg/mL)
Column Volume (CV)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
25.2
26.2
27.2
28.2
29.2
30.2

Fig. 5

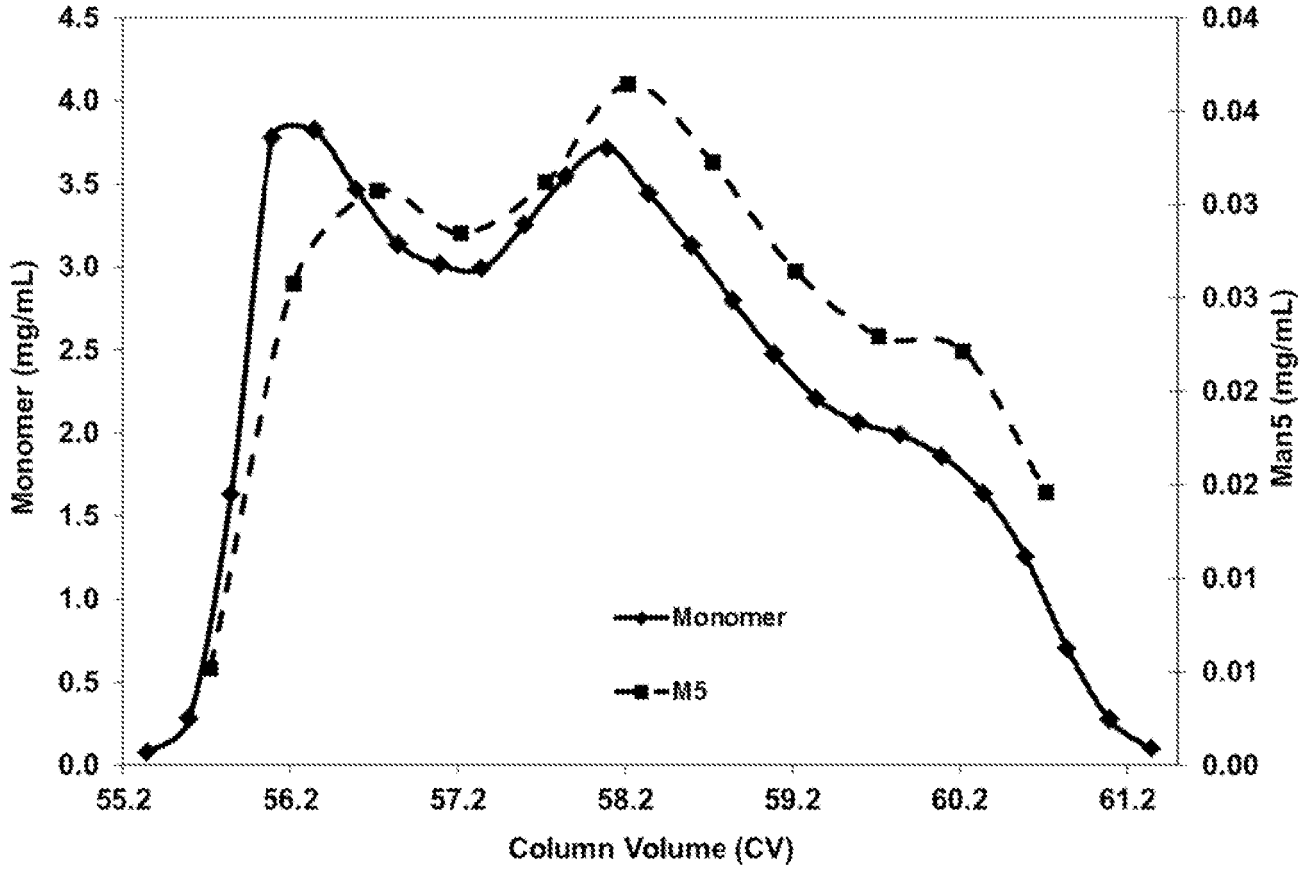

4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Monomer (mg/mL)
0.04
0.04
0.03
0.03
0.02
0.02
0.01
0.01
0.00
Man5 (mg/mL)
55.2
56.2
57.2
58.2
59.2
60.2
61.2
Column Volume (CV)
Monomer
M5

Fig. 6

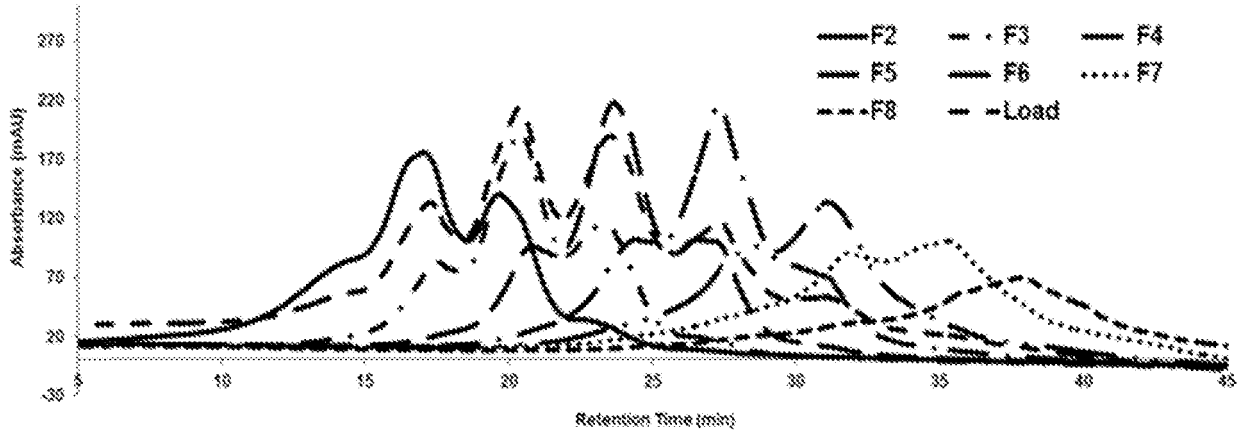


FIG. 7

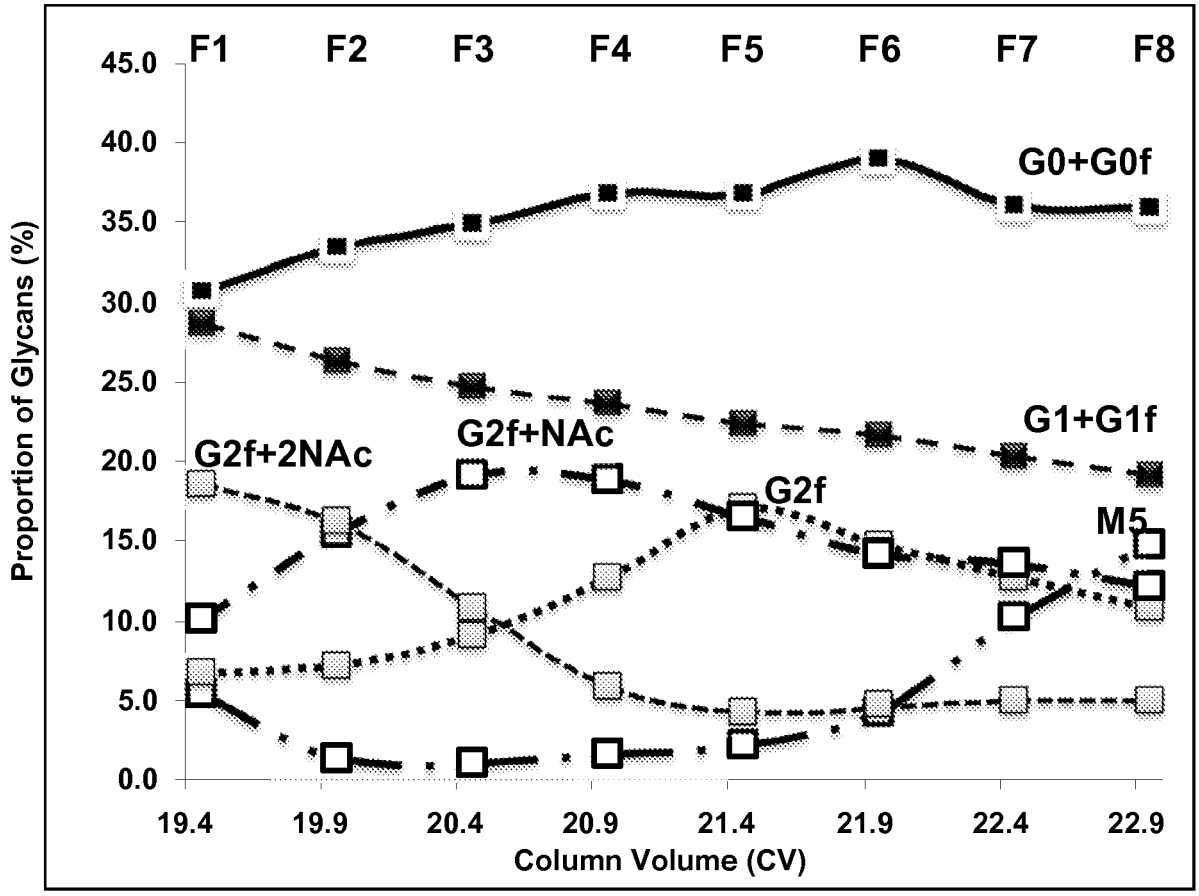

F1
F2
F3
F4
F5
F6
F7
F8
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
Proportion of Glycans (%)
G0+G0f
G1+G1f
G2f+2NAc
G2f+NAc
G2f
M5
19.4
19.9
20.4
20.9
21.4
21.9
22.4
22.9
Column Volume (CV)

FIG. 8

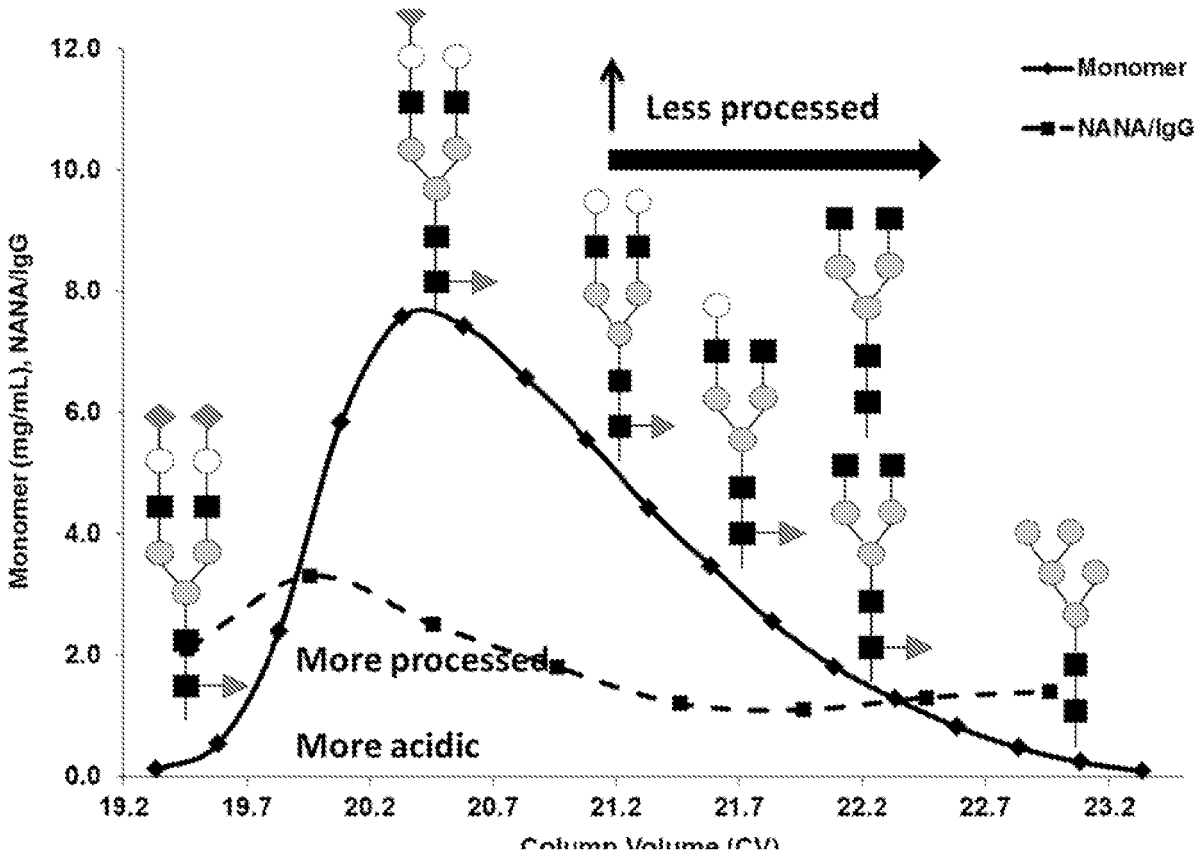

Monomer
NANA/IgG
Less processed
More processed
More acidic
Monomer (mg/mL), NANA/IgG
12.0
10.0
8.0
6.0
4.0
2.0
0.0
19.2
19.7
20.2
20.7
21.2
21.7
22.2
22.7
23.2

FIG. 9

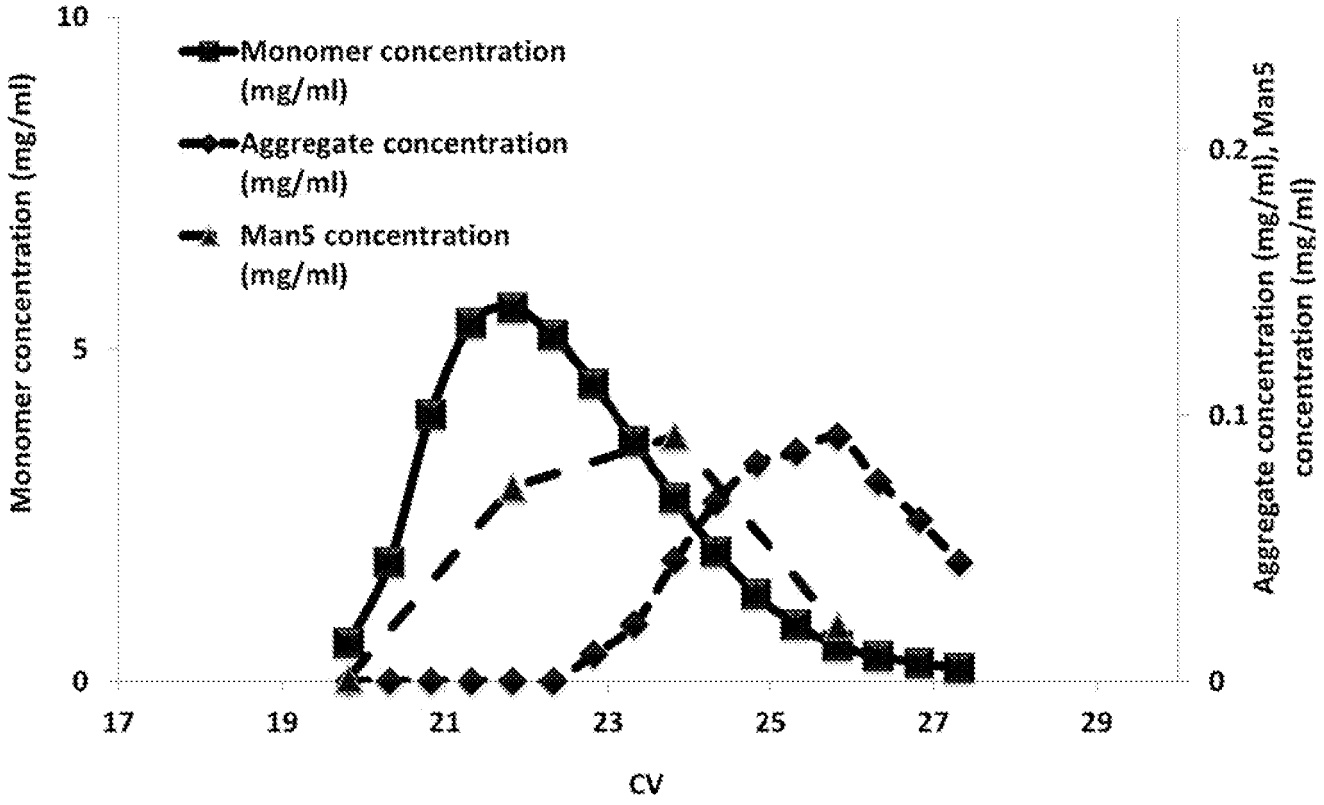

Monomer concentration (mg/ml)
Aggregate concentration (mg/ml)
Man5 concentration (mg/ml)
Monomer concentration (mg/ml)
Aggregate concentration (mg/ml), Man5 concentration (mg/ml)
CV
10
5
0
0.2
0.1
0
17
19
21
23
25
27
29

FIG. 10

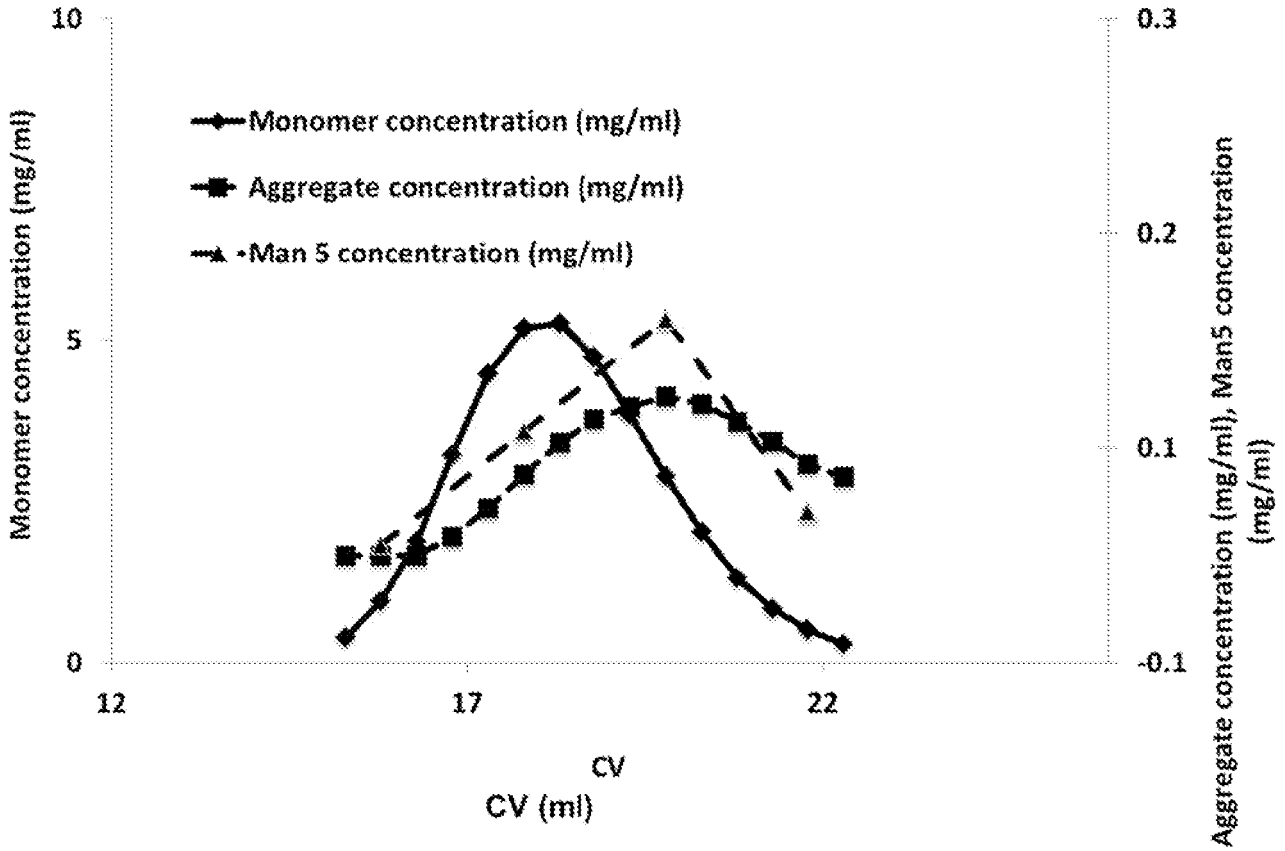

10
5
0
0.3
0.2
0.1
-0.1
12
17
22
CV
CV (ml)
Monomer concentration (mg/ml)
Aggregate concentration (mg/ml)
Man 5 concentration (mg/ml)
Monomer concentration (mg/ml)
Aggregate concentration (mg/ml), Man5 concentration (mg/ml)

FIG. 11

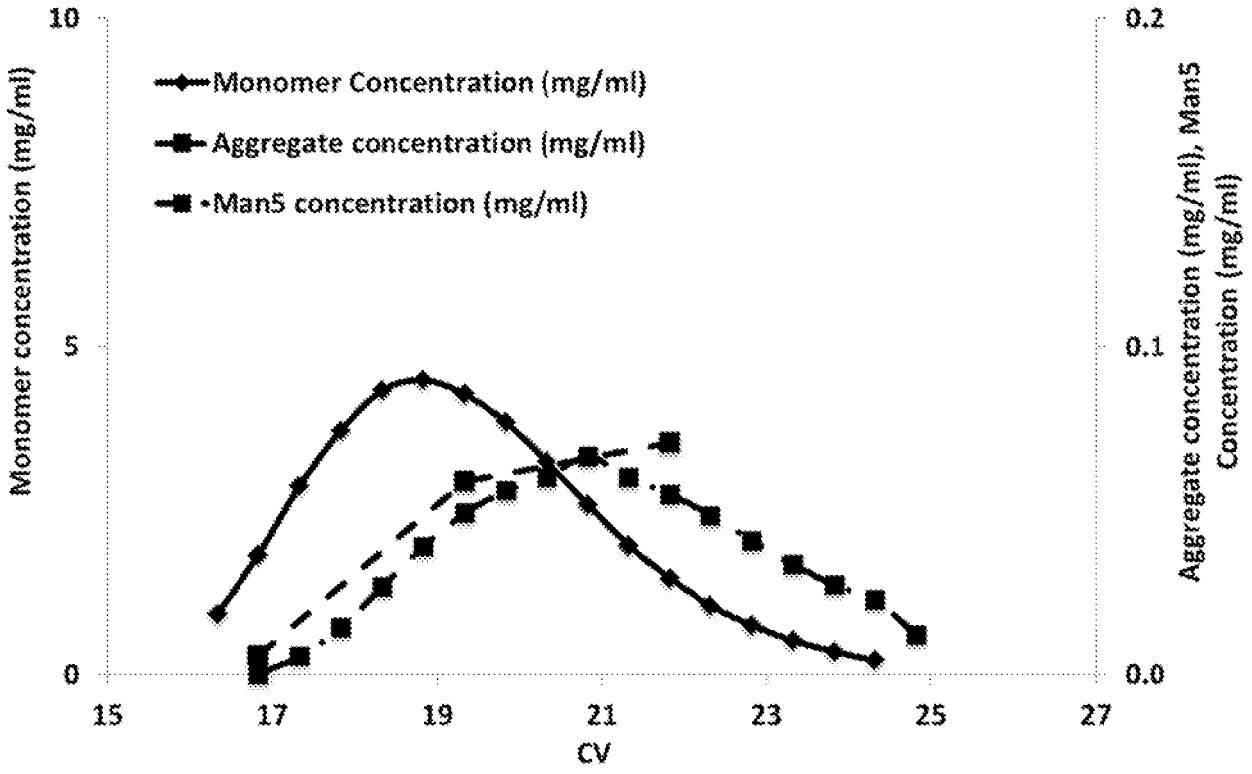

Monomer Concentration (mg/ml)
Aggregate concentration (mg/ml)
Man5 concentration (mg/ml)
Monomer concentration (mg/ml)
Aggregate concentration (mg/ml), Man5 Concentration (mg/ml)
CV
10
5
0
0.2
0.1
0.0
15
17
19
21
23
25
27

FIG. 12

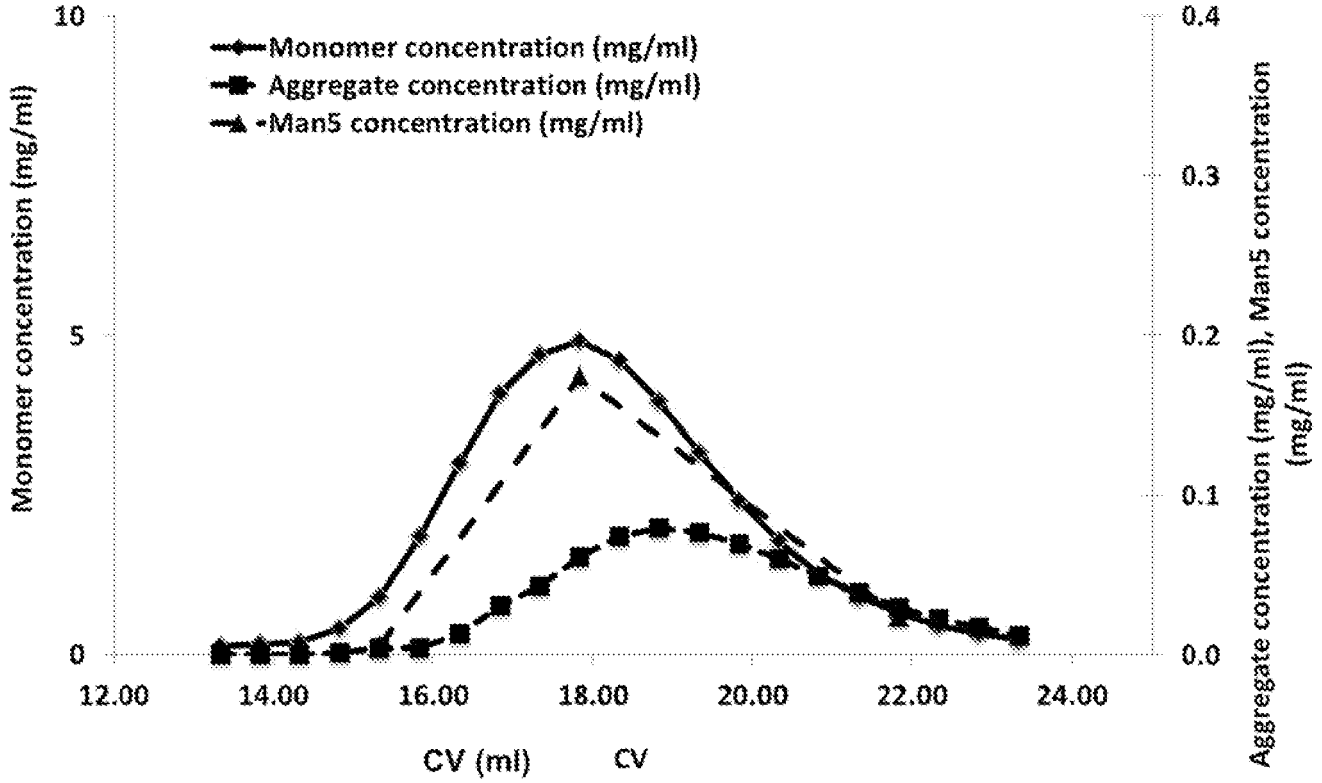

Monomer concentration (mg/ml)
Aggregate concentration (mg/ml)
Man5 concentration (mg/ml)
Monomer concentration (mg/ml)
Aggregate concentration (mg/ml), Man5 concentration (mg/ml)
10
5
0
0.4
0.3
0.2
0.1
0.0
12.00
14.00
16.00
18.00
20.00
22.00
24.00
CV (ml)
CV

FIG. 13