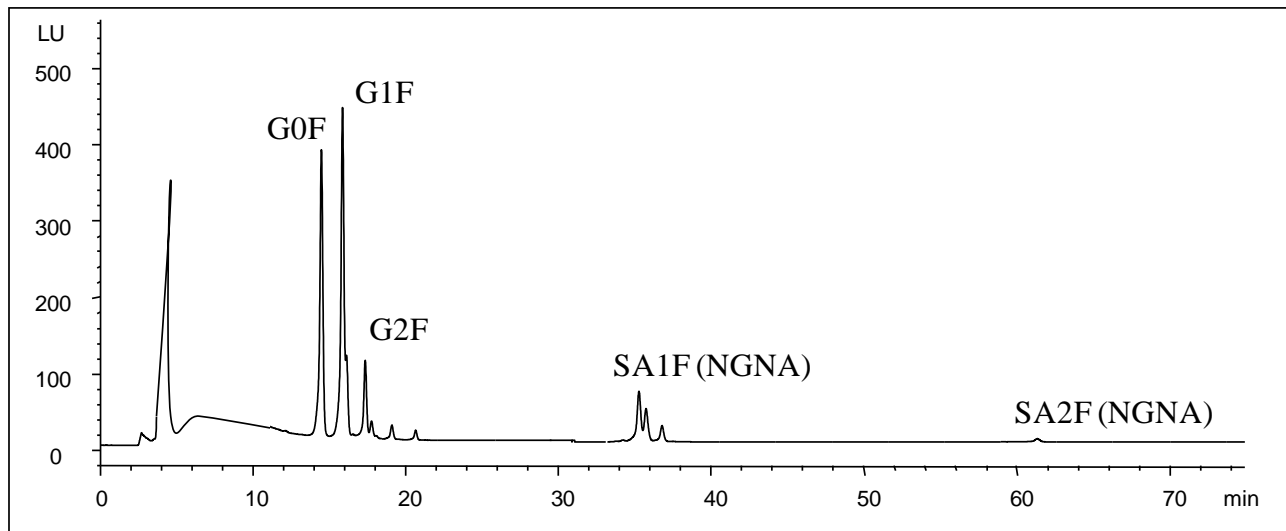




High Resolution Separation of Glycan and Isomers on Proteomix[®] SAX-NP5 (5 μ m, 4.6x150mm)



Column: Proteomix[®] SAX-NP5 (5 μ m, 4.6x150mm)
Mobile Phases: A: 2.5% (v/v) acetic acid, 0.5% TEA in H₂O; B: 0.5% acetic acid in ACN
Gradient: 0-100%B (60 min)
Flow Rate: 0.3 mL/min
Detection: Fluorescence Ex/Em=360/425nm
Samples: 2-AA (anthranilic acid) labeled N-linked oligosaccharide profiling of an IgG1 sample
G0F: asialo, agalacto, core-fucosylated biantennary glycan
G1F: asialo, mono-galacto, core-fucosylated biantennary glycan
G2F: asialo, di-galacto, core-fucosylated biantennary glycan
SA1F: mono-sialylated, galactosylated, core-fucosylated biantennary glycan
SA2F: di-sialylated, galactosylated, core-fucosylated biantennary glycan
NGNA: N-glycolylneuraminic acid
(Courtesy of Miyako Kawakatsu, M&S Instruments Inc.)

Keywords: Ion-exchange, Proteomix, strong anion-exchange, glycan, glycosylated