## **HPLC Application**

ID No.: 18945



## Low MW proteins and peptides on BioSep2000(2)

**Column:** BioSep<sup>™</sup> 5 μm SEC-s2000 145 Å, LC Column 300 x 7.8 mm, Ea

Dimensions:300 x 7.8 mm IDOrder No:00H-2145-K0Elution Type:Isocratic

**Eluent A:** 45% Acetonitrile, 0.1% TFA

Gradient Step No. Time (min) Pct A Profile: 1 0 100

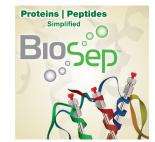
Flow Rate: 1 mL/min
Col. Temp.: ambient

**Detection:** Laser Polarimeter @ 0.000000000 (ambient)

Analyst Note: Application ID # 18945: Low MW proteins and peptides on BioSep 2000

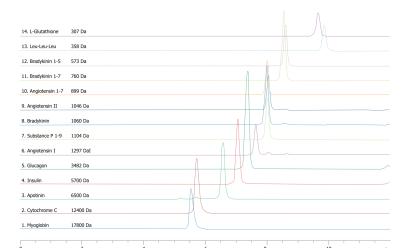
Application Topic: Low MW Separation of Peptides by GFC

Unlike protein GFC separations of proteins using buffers that resemble physiological conditions (10mm PO4, 150mm NaCl, pH 7.4); per 10. Of separations require different conditions to get good low molecular weight resolution. The use of acetonitrile and the weak jon reliable to the separation of the separation of the separation of the separation repeated on a BioSep 2000 0 x 7.8 mm column and overlaid to show the separation repeat of the solumn using these mobile phase conditions. Note that peptide generally eluce according



Products used in this application:

**-**.00



## **ANALYTES:**

1 Proteins and peptides

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