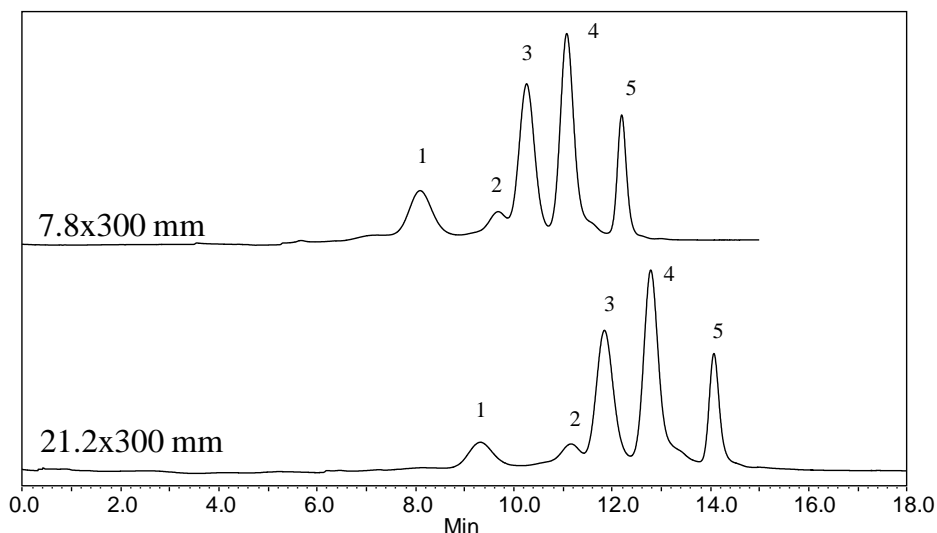




The Column ID Impact on Separation Efficiency



Column: SRT[®]-10 500 (10 μ m, 500 \AA)
Mobile Phase: 150 mM phosphate buffer, pH 7.0
Flow Rates: 1.0 mL/min for 7.8x300 mm and 7.0 mL/min for 21.2x300mm
Detection: UV 214 nm
Temperature: Ambient
Injection Volumes: 20 and 5.0 μ L for 7.8 and 21.2 mm ID
Samples: 1) Thyroglobulin (1.0 mg/mL), 670 kD; 2) BSA dimer, 132 kD; 3) BSA (1.0 mg/mL), 66 kD; 4) Ribonuclease A (1.0 mg/mL), 13.7 kD, and 5) Uracil (2.5 μ g/mL), 120.

Keywords: size exclusion, SRT, SRT 500, proteins, column ID