

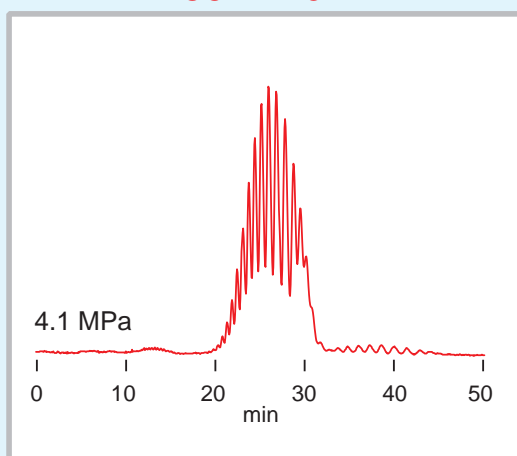
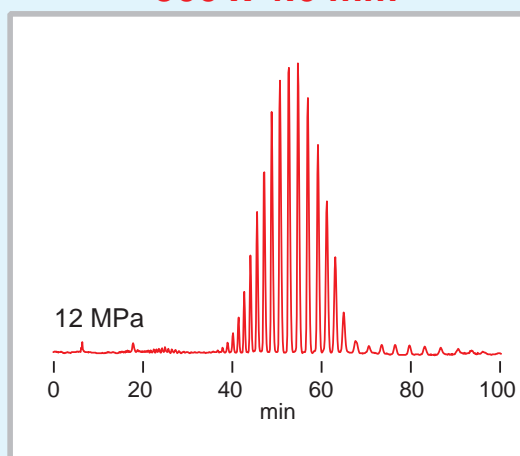
Cadenza CD-C18

500 x 4.6 mm

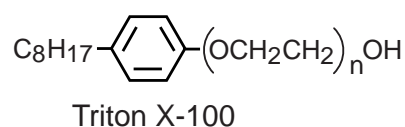
Technical

High-efficiency separation of surfactants by a 100,000 plate column

 Revolutionary 3 μ m technology... An authority in precise separation

Conventional 5 μ m ODS
250 x 4.6 mm

Cadenza CD-C18
500 x 4.6 mm


water / acetonitrile = 35 / 65
0.5 mL/min, room temp., 254 nm



This is an example of the precise separation provided by the 100,000 plates per column Cadenza CD-C18.

Triton X-100, a surfactant, is typically a tough separation for ODS columns due to the inclusion of a polyoxyethelene chain with different degree of polymerization. As the chromatogram above displays, separation by conventional 5 μ m ODS columns insufficiently recognizes different degrees of polymerization. The 500 x 4.6mm Cadenza CD-C18 column, however, provides nearly complete separation.

Cadenza CD-C18 has a unique stationary phase with superior molecular recognition. In addition, the 100,000 plate per column efficiency allows you to recognize the oxyethelene within Triton X-100.

Our column, containing 100,000 plates, offers revolutionary results for complex separations such as structural isomers and multi-ingredient compounds.