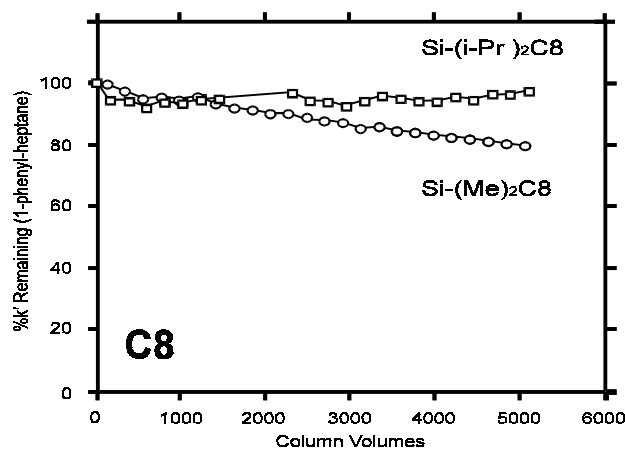
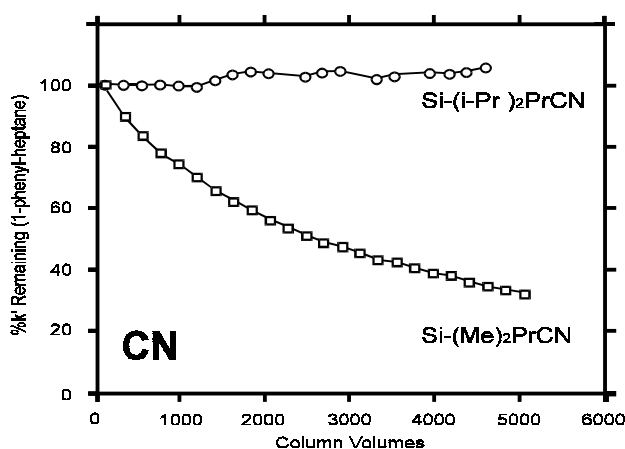


Stability of Short-Chain Bonded Phases

Application

Technical

Robert Ricker



Conditions:

Columns: 4.6 x 150 mm; Flow rate of 1 mL/min.

Stability Testing for 96 hrs by:

Multiple gradients 0% B to 100% B in 80 min
alternated with isocratic runs 50%A/50%B for 40 min.

A = 0.1% TFA in water; B = 0.1% TFA in ACN

Highlights

- Sterically protected short-chain bonded phases (eg. CN, C8) are much more stable than standard packings.
- StableBond short-chain bonded-phase columns offer ideal alternatives to C-18 columns for stable reversed-phase method development.



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