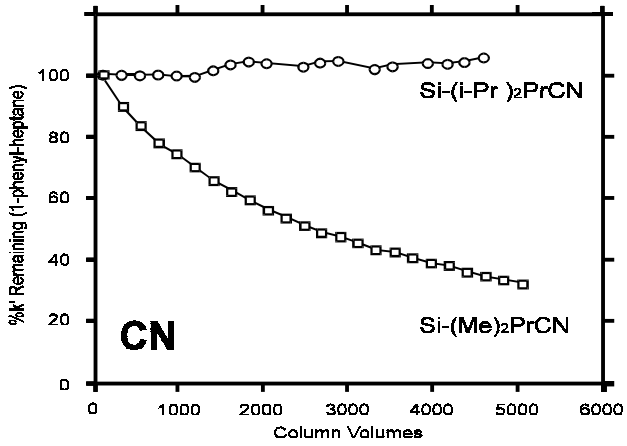
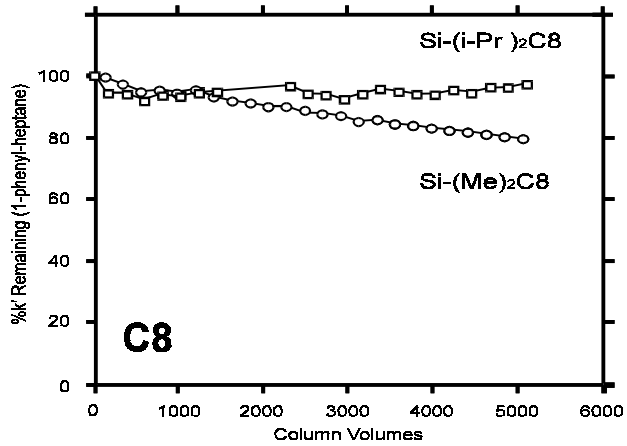
Stability of Short-Chain Bonded Phases

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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