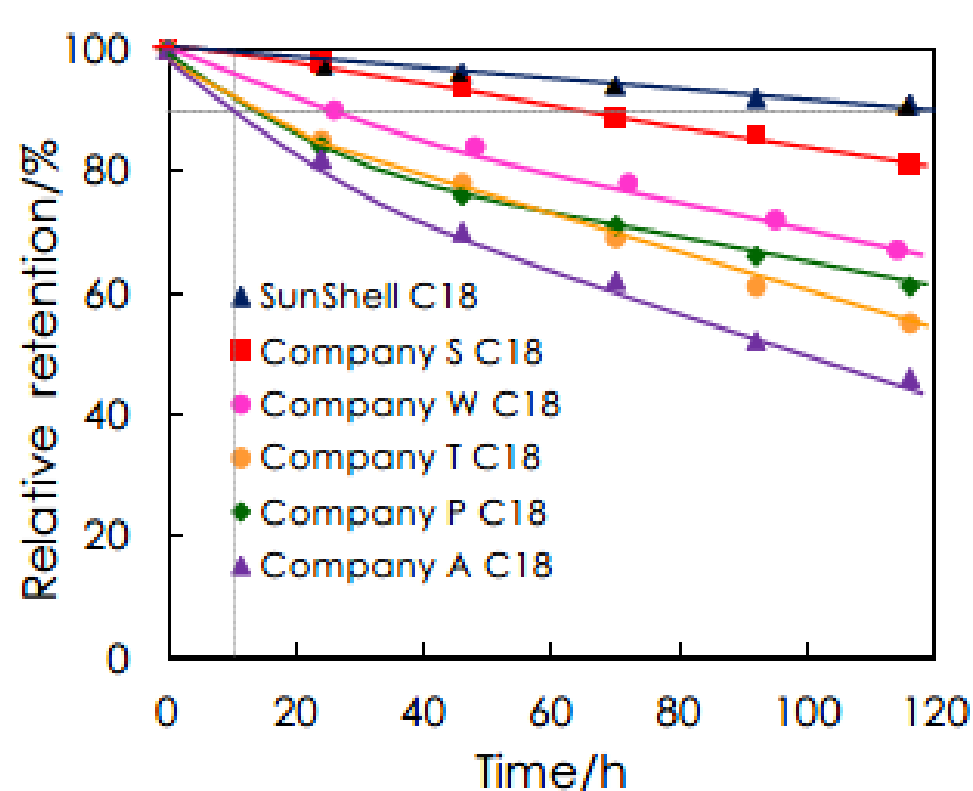




Phone: 212-204-0075
Email: info@pyvot.tech
Web: www.pyvot.tech

Stability under acidic pH condition



Durable test condition
Column size: 50 x 2.1 mm
Mobile phase: CH₃CN/1.0%
TFA, pH1=10/90
Flow rate: 0.4 mL/min
Temperature: 80 °C

Measurement condition
Column size: 50 x 2.1 mm
Mobile phase:
CH₃CN/H₂O=60/40
Flow rate: 0.4 mL/min
Temperature: 40 °C
Sample: 1 = Uracil
2 = Butylbenzene

This slide shows stability under an acidic pH condition. The upper information notes the durable test condition. Mobile phase is acetonitrile and 1.0% TFA pH1 (10 to 90) and the temperature is 80°C. This condition is accelerated. As a comparison at 90% of relative retention, SunShell C18 shows solid stability up to 120 hours, which is significantly better than the competitive columns displayed.