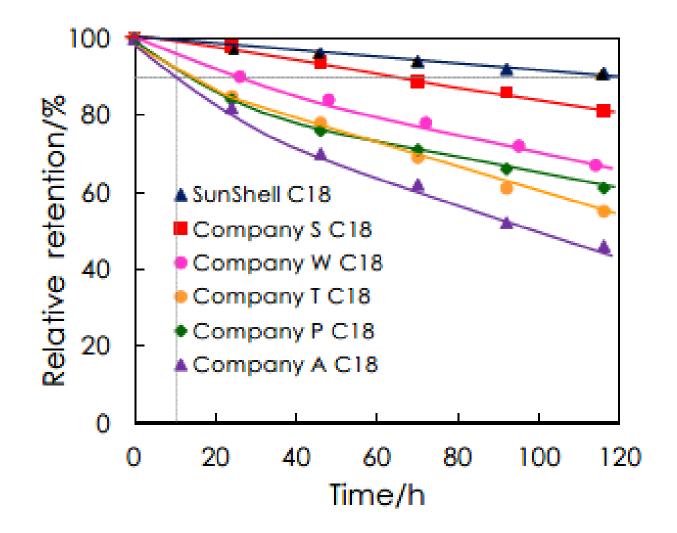


Stability under acidic pH condition



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: $CH_3CN/H_2O=60/40$ Flow rate: 0.4 mL/min Temperature: 40 °C Sample: 1 = Uracil 2 = Butylbenzene

This slide shows stability under acidic pH condition. The upper is a durable test condition. Mobile phase is acetonitrile and 1.0% TFA pH1 (10 to 90). Temperature is 80 degree Celsius. This condition is accelerated. As a comparison at 90% of relative retention, SunShell C18 endured 120 hours, significantly better than the other players.