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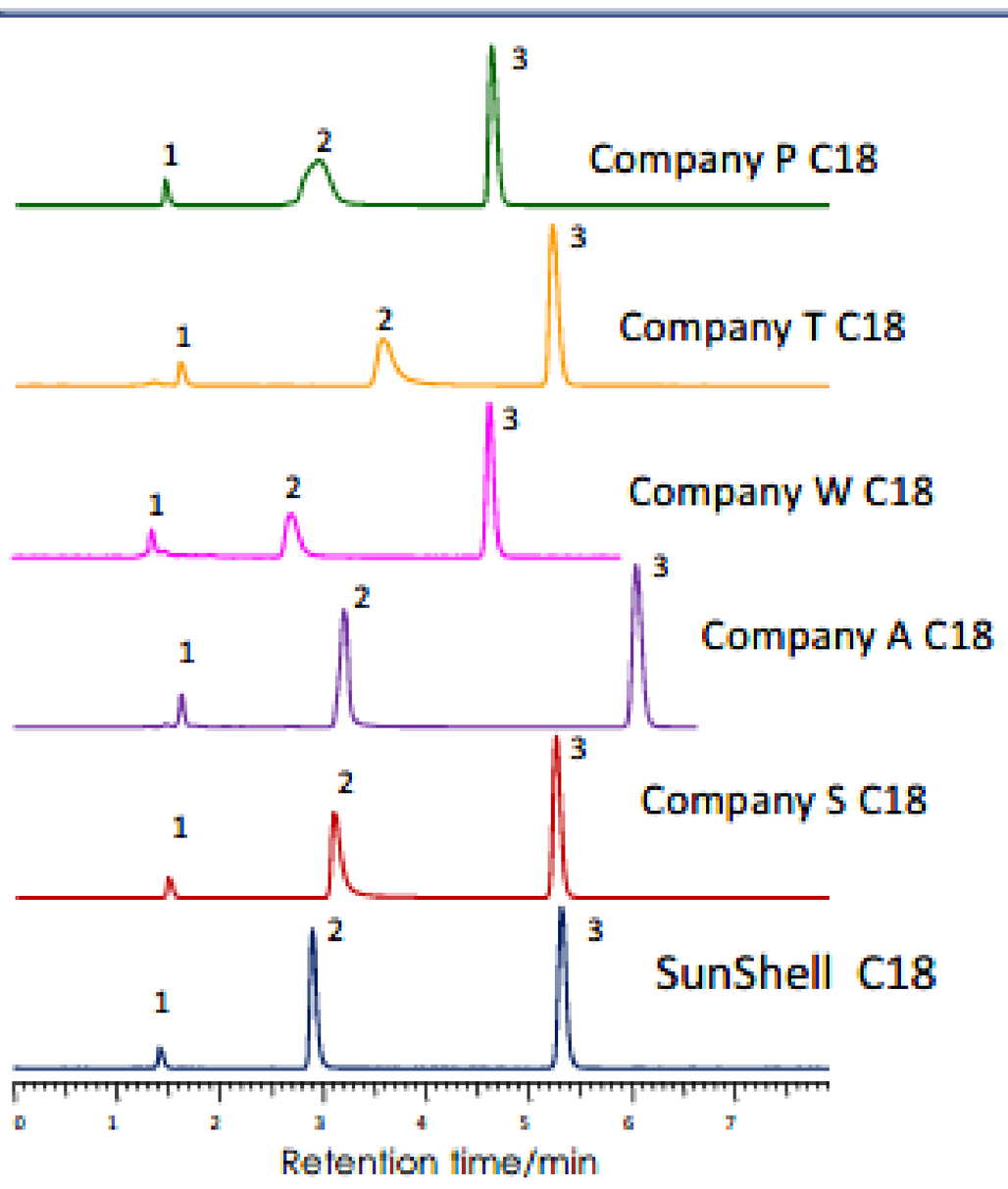
# Comparison of pyridine




Column:
Company P C18, 2.6 µm 150 x 4.6 mm
Company T C18, 2.6 µm 150 x 4.6 mm
Company W C18, 2.7 µm 150 x 4.6 mm
Company A C18, 2.7 µm 150 x 4.6 mm
Company S C18, 2.7 µm 150 x 4.6 mm
SunShell C18, 2.6 µm 150 x 4.6 mm
Mobile phase: $CH_3OH/H_2O$=30/70
Flow rate: 1.0 mL/min
Temperature: 40 °C
Detection: UV@250nm
Sample: 1 = Uracil
2 = Pyridine
3 = Phenol

Pyridine peak shape was compared and the effect of residual silanol groups was evaluated. Mobile phase is methanol and water 30 to70. Number 2 peak is pyridine. SunShell C18 showed a good peak shape. However Company P Kinetex C18 and company T Accucore C18 showed a bad peak shape.