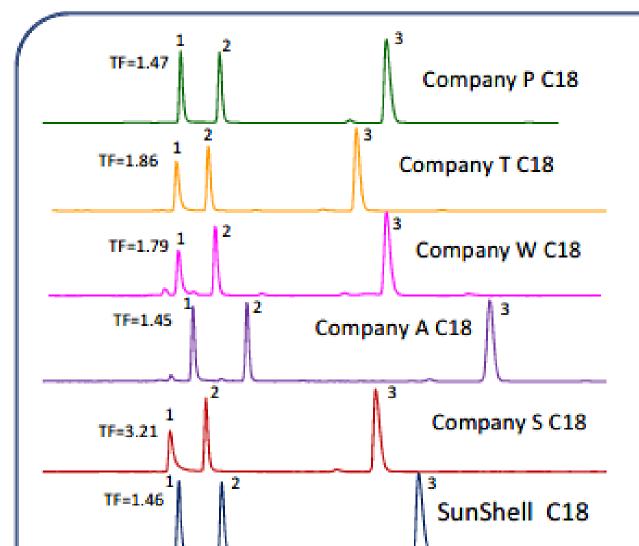


Comparison of formic acid



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: CH₃CN/0.1% H₃PO₄=2/98 Flow rate: 1.0 mL/min Temperature: 40 °C Detection: UV@210nm Sample: 1 = Formic acid 2 = Acetic acid 3 = Propionic Acid



Formic acid, an acidic compound was used for comparison of core shell C18 columns. Formic acid is a compound that easily turns to a bad peak shape. SunShell C18, along with company P and Company A showed a good peak shape.