

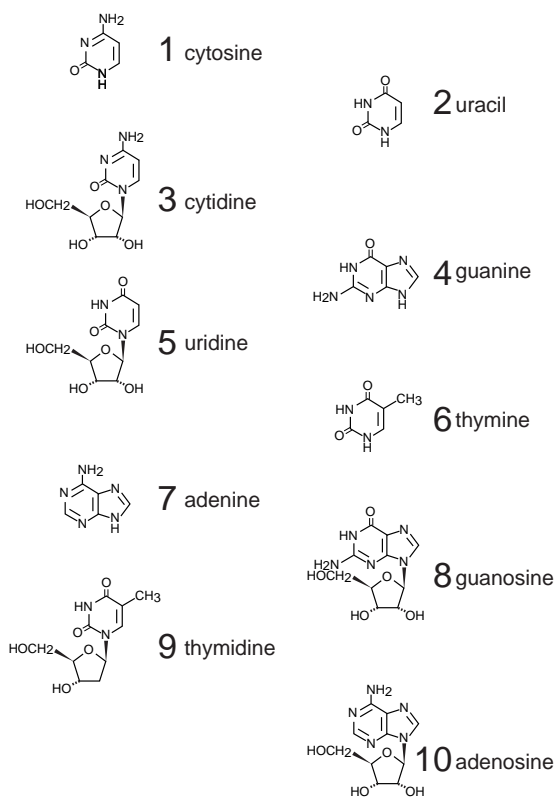
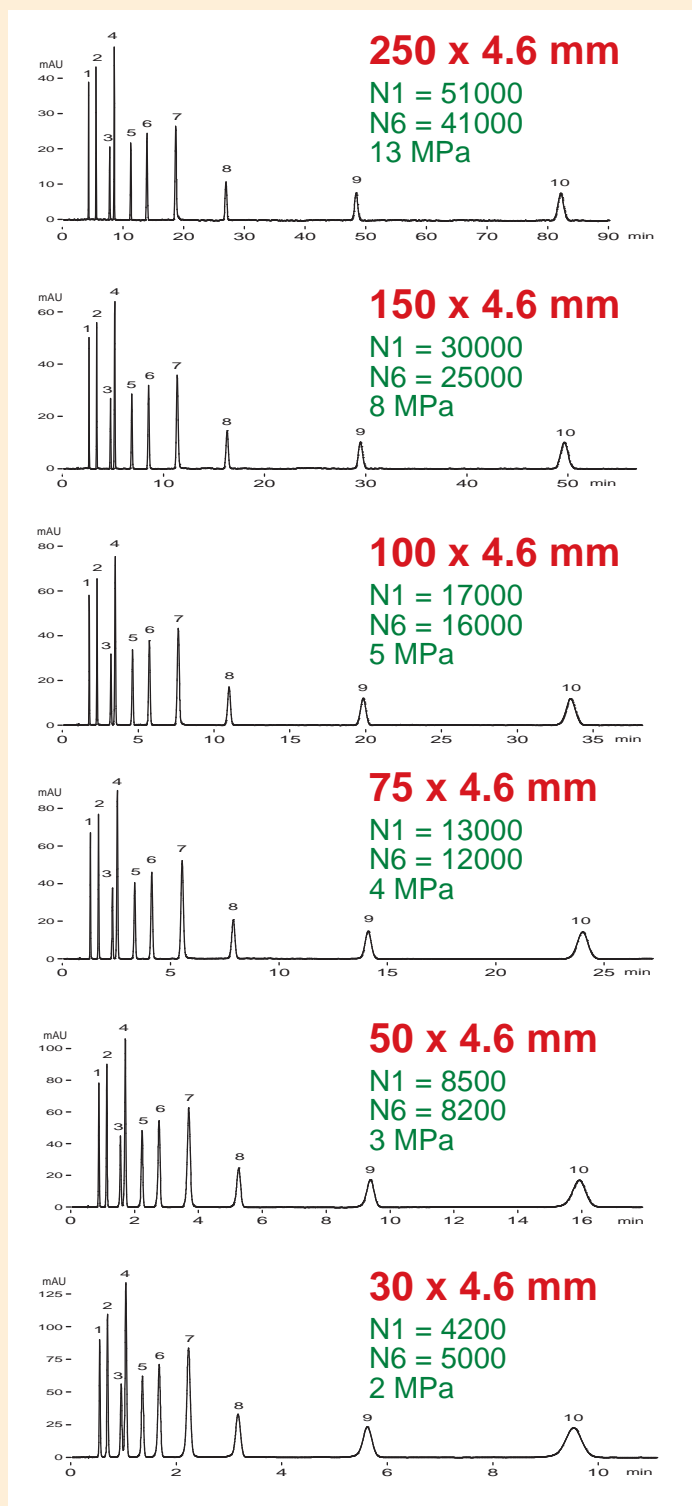
Unison UK-C18

30 - 250 x 4.6 mm

Technical

Column performance in an aqueous elution

Revolutionary 3µm technology ... more theoretical plates with Unison



25mM KH₂PO₄-Na₂HPO₄ (1:1, pH 6.8)
 1 mL/min, 40 °C, 254 nm

Unison UK-C18, finely packed with high-performance 3µm particles, offers the high-performance shown in the example here not only in our laboratories but when you test it in our 100% aqueous elution in your own laboratory.

Typical high-polarity compounds such as nucleic acid bases and nucleotides require aqueous elutions without an organic solvent because the polarity is very high. Conventional ODS column struggles in this analysis due to a decrease in retention brought on by phase collapse.

Our 250 x 4.6mm column offers up to 50,000 theoretical plates with these high-polarity compounds. Moreover, each size column provides the low pressure and performance suitable to that length. Our columns can handle a wide range of analysis with the highest of performance.