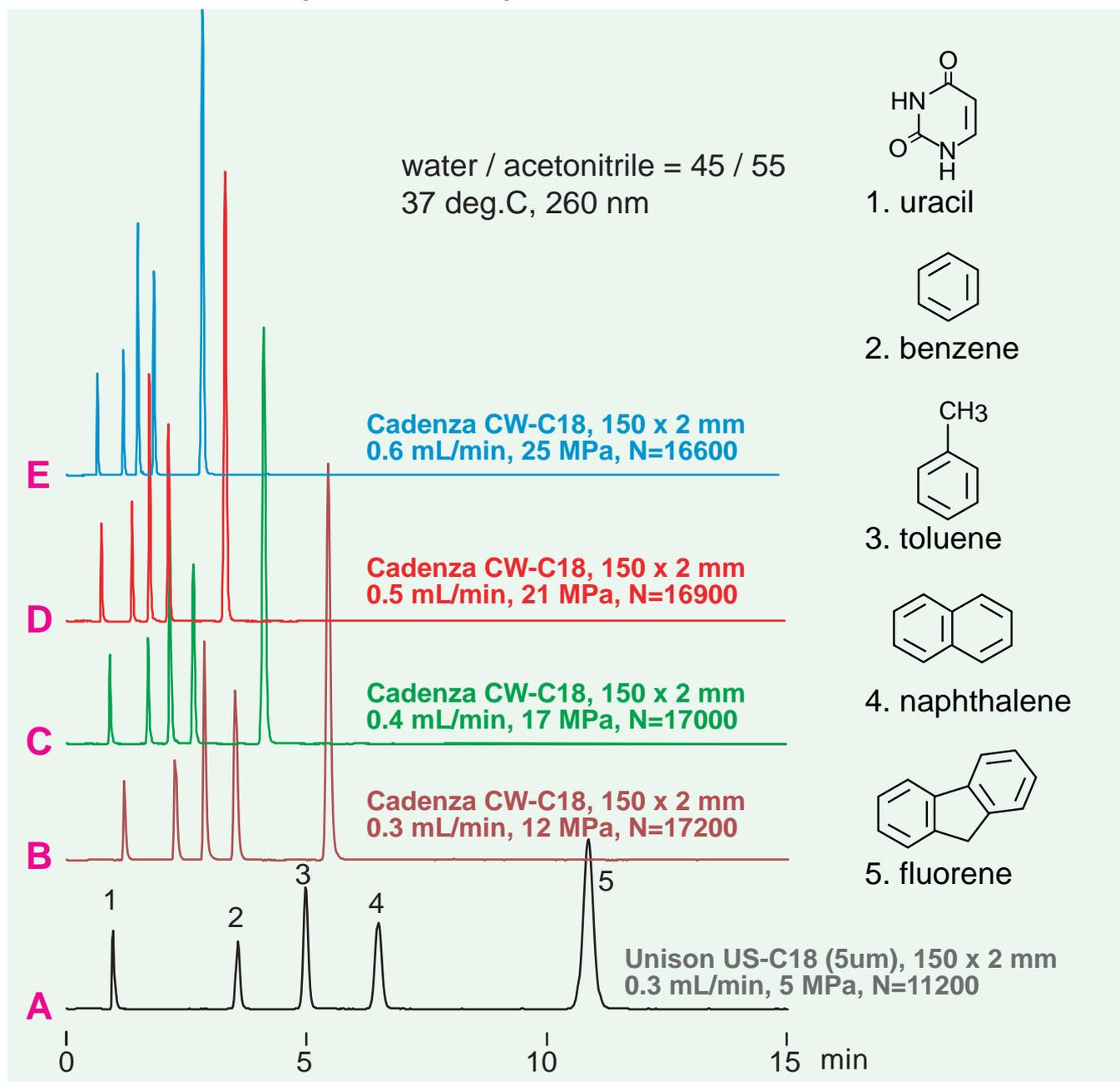


Cadenza CW-C18

150 x 2 mm

Technical

High-throughput performance with wide-pore 3µm particle ODS column



A wide-pore ODS column, Cadenza CW-C18 has 1/3 surface area compared to a normal pore-size column. The lower ODS coverage allows for half the analysis time under the same LC conditions. Cadenza CW-C18 is made with 3µm high resolution particle technology - which allows for increased performance when compared to 5µm column technology (Chromatogram A and B). In addition, it can provide ultra-high speed analysis with pressures that are acceptable for standard HPLC instruments (Chromatogram C to E).

Sub-2µm particle columns require extremely high pressures. In contrast, Cadenza CW-C18 (3µm) can be operated using normal (standard) HPLC conditions - resulting in a balance of both low pressure and high plate counts. In addition, a 250mm length column (which is difficult to make using sub-2µm particle) is available for high resolution and high speed analysis.

In sum, Cadenza CW-C18 can provide many solutions to scientists working with basic compounds, high molecular weight compounds, and hydrophilic compounds.