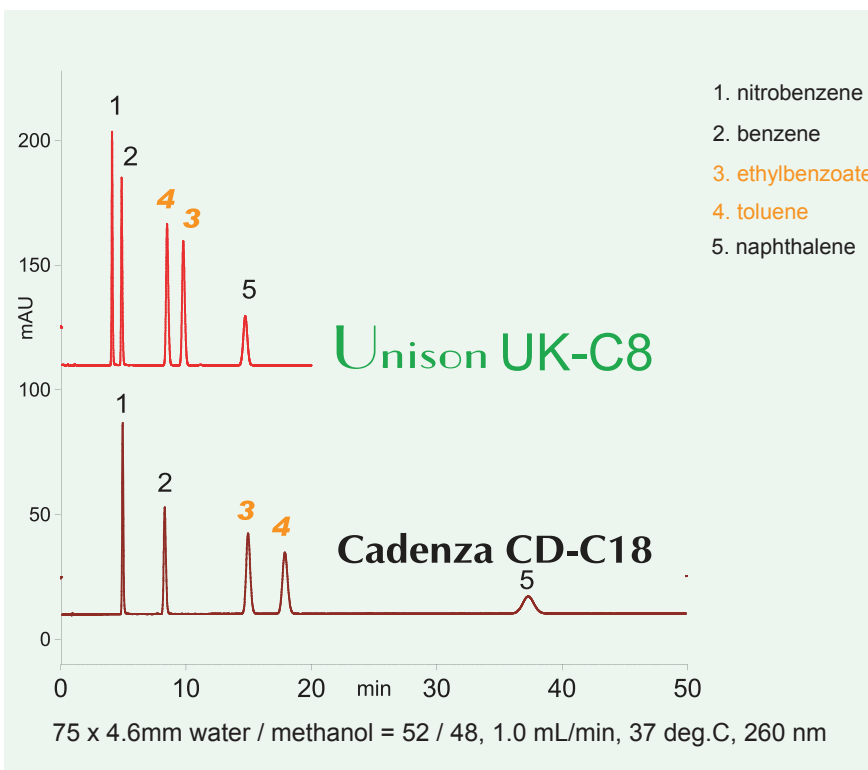


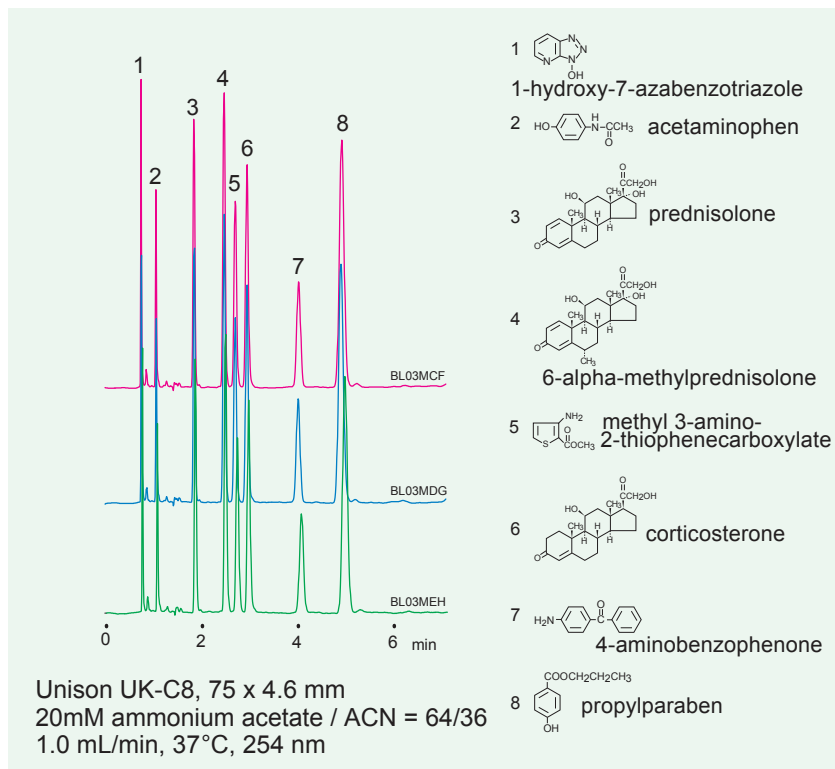
● Better Balancer and Higher-Speed Separation than ODS

- Shorter retention times and faster elution than ODS counterparts
- Optimal hydrophobicity and electrostatic interaction
- Superior batch-to-batch reproducibility



Conventional C8 columns are known for short retention times and faster elution than their ODS counterparts. Unison UK-C8 provides optimal hydrophobicity and electrostatic interaction-enabling scientists to reduce analysis time and achieve acceptable separation.

● Manufacturing Batch to Batch Reproducibility

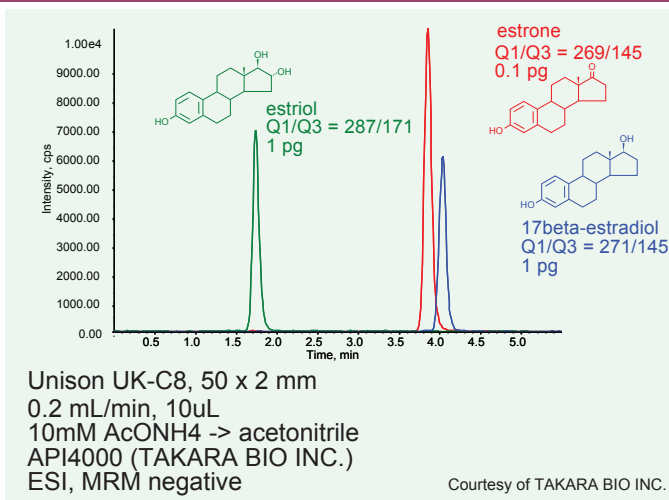
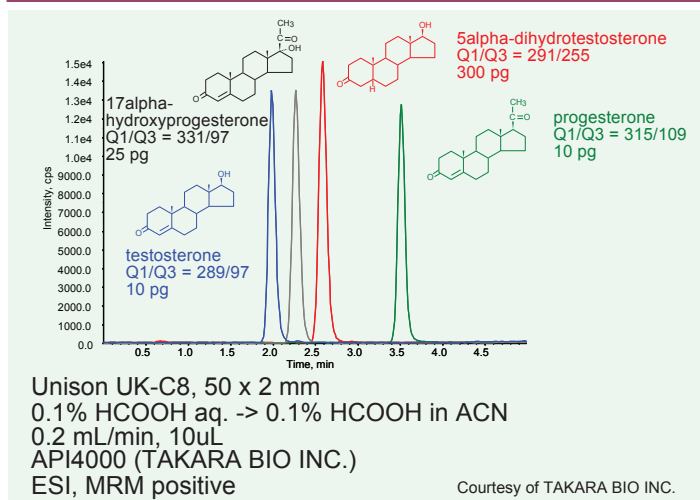


This data shows the exceptional batch-to-batch reproducibility for Unison UK-C8, a column packed with high-efficiency 3um C8.

The Unison series packing material is manufactured in a proprietary manner different from conventional methods. This development was completed to not only achieve high-efficiency packing material but also to provide high levels of batch-to-batch reproducibility.

We put great consideration and time into our manufacturing in order to provide users with the highest levels of product quality.

● LC-MS/MS Application - Steroid Hormones and Metabolites



● Ordering Information for Unison UK-C8

| 3µm Columns, Pressure Limits of up to: 50MPa, 500 bar, 7,500 psi | | | | | | 3µm: 100MPa, 1000 bar, 15,000 psi | |
|--|--------|--------|--------|--------|--------|-----------------------------------|------------------|
| Column Length | ID | 1.0 mm | 1.5 mm | 2.0 mm | 3.0 mm | 4.6 mm | Column Length ID |
| 10 | | | | UK820T | UK830T | UK800T | 10 |
| 20 | | | | UK829T | UK839T | UK809T | 20 |
| 30 | UK811T | UK871T | UK821T | UK831T | UK801T | | 30 UK821U |
| 50 | UK812T | UK872T | UK822T | UK832T | UK802T | | 50 UK822U |
| 75 | UK813T | UK873T | UK823T | UK833T | UK803T | | 75 UK823U |
| 100 | UK814T | UK874T | UK824T | UK834T | UK804T | | 100 UK824U |
| 150 | UK815T | UK875T | UK825T | UK835T | UK805T | | 150 UK825U |
| 250 | UK816T | UK876T | UK826T | UK836T | UK806T | | 250 UK826U |

| 3µm Columns, pressure limits of up to: 20MPa, 250 bar, 3,000 psi | | | | | | | |
|--|-------------------|--------|--------|--------|--------|--------|---------|
| Column Length | Internal Diameter | | | | | | |
| | 1.0 mm | 1.5 mm | 2.0 mm | 3.0 mm | 4.6 mm | 6.0 mm | 10.0 mm |
| 10 | | | UK820 | UK830 | UK800 | | |
| 20 | | | UK829 | UK839 | UK809 | | |
| 30 | UK811 | UK871 | UK821 | UK831 | UK801 | UK861 | UK8P1 |
| 50 | UK812 | UK872 | UK822 | UK832 | UK802 | UK862 | UK8P2 |
| 75 | UK813 | UK873 | UK823 | UK833 | UK803 | UK863 | UK8P3 |
| 100 | UK814 | UK874 | UK824 | UK834 | UK804 | UK864 | UK8P4 |
| 150 | UK815 | UK875 | UK825 | UK835 | UK805 | UK865 | UK8P5 |
| 250 | UK816 | UK876 | UK826 | UK836 | UK806 | UK866 | UK8P6 |
| 500 | | | | | UK807 | | |

| Guard Column System for Unison UK-C8 | | | | | | | |
|--------------------------------------|-------------------|--------|--------|--------|--------|--------|---------|
| | Internal Diameter | | | | | | |
| | 1.0 mm | 1.5 mm | 2.0 mm | 3.0 mm | 4.6 mm | 6.0 mm | 10.0 mm |
| Guard Holder | GCH01S | GCH01S | GCH01S | GCH01S | GCH01S | GCH01S | GCH02M |
| Guard Cartridge (Set of 3) | GCUK8C | GCUK8C | GCUK8S | GCUK8S | GCUK8S | GCUK8S | GCUK8M |

All of our stationary phase can also be made in the following internal diameters: **Nano:** 0.05mm, 0.075mm
Capillary: 0.1mm, 0.3mm, 0.5mm **Semi-Prep:** 20mm, 28mm