

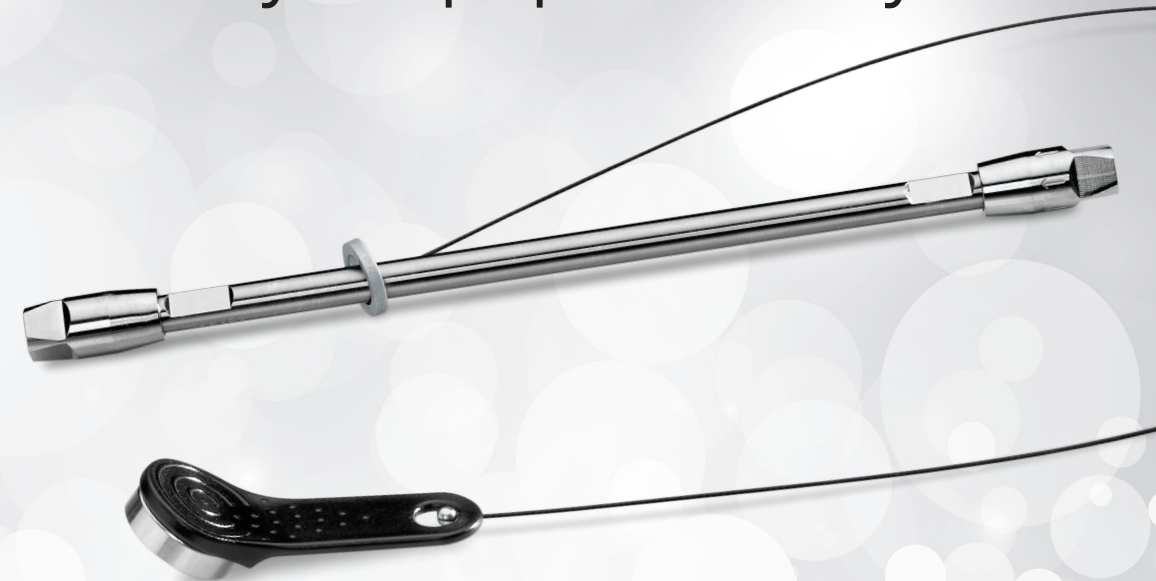
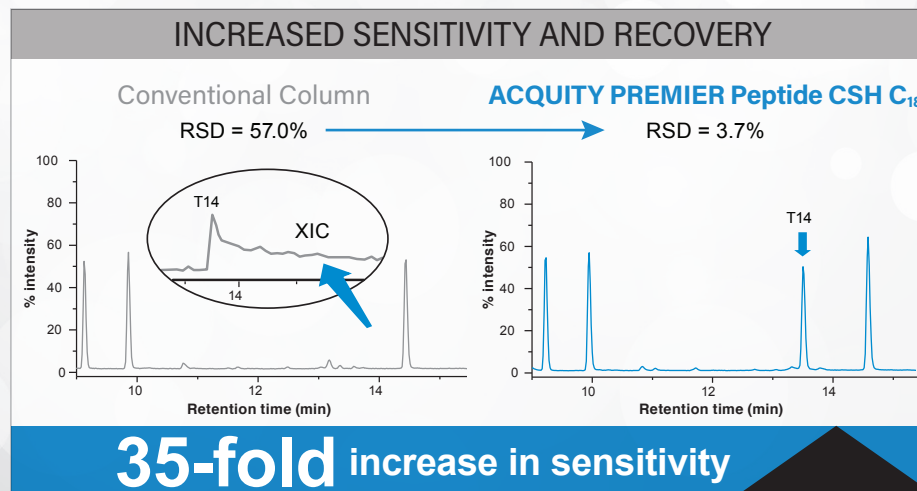
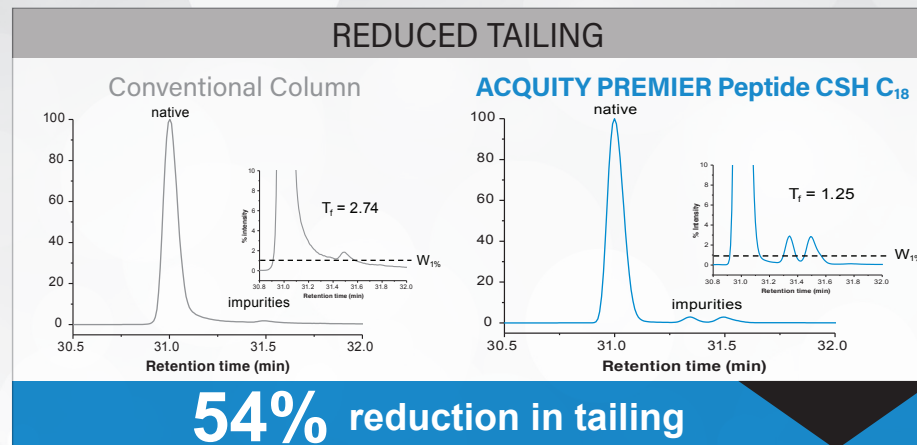
What can ACQUITY PREMIER do for your peptide analysis?



Ensure PREMIER performance for ALL separations

ACQUITY™ PREMIER solutions utilize MaxPeak™ High Performance Surfaces that are designed to increase analyte recovery, sensitivity, and reproducibility by minimizing analyte/surface interactions that can lead to sample losses.

MAXPEAK^{HPS}



Precision chemistry for particles and surfaces



Progressive, integrated technologies



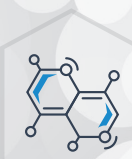
Protection from RISK



Performance without sacrifice for ALL analytes



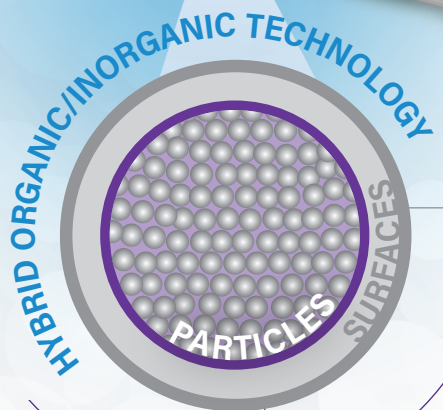
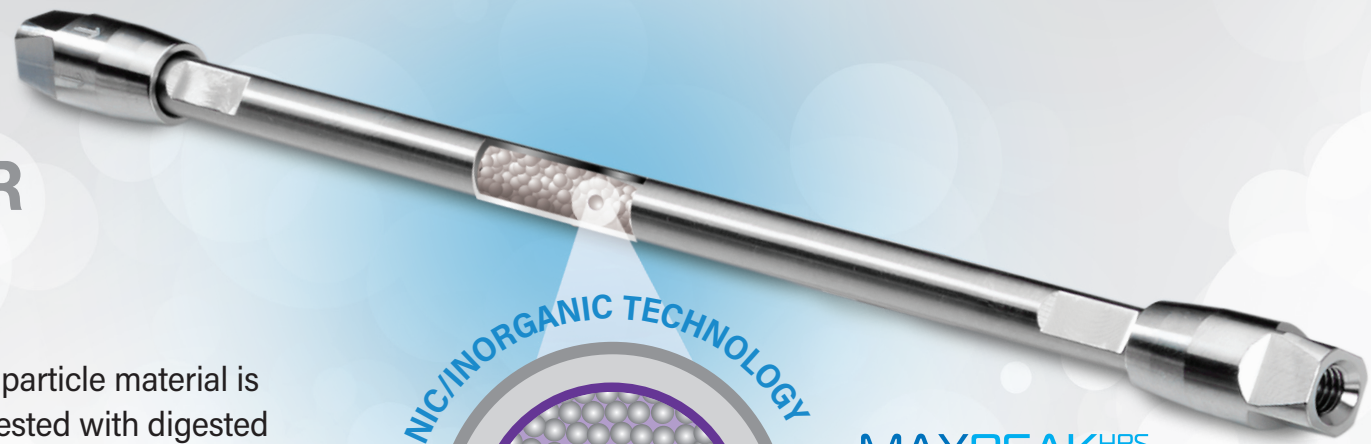
Corrosion resistance to prevent column and MS fouling leachates



Hybrid inorganic/organic LC surfaces to protect metal-sensitive analytes



Each batch of peptide particle material is chromatographically tested with digested peptides as part of peptide mapping qualification. The results are held to narrow specification ranges to assure excellent, reproducible performance.



MAXPEAK^{HPS}

HSS
HIGH STRENGTH SILICA



BEH Technology™

Trifunctional C₁₈ ligand, fully end-capped and bonded to the **Ethylene-Bridged Hybrid (BEH)** particles.

- Outstanding peak capacity and superior peak shape in TFA, DFA, and FA
- Two pore sizes (130 Å and 300 Å) providing different separation selectivities

CSH™ Technology

Trifunctional C₁₈ ligand, fully end-capped, bonded to the **Charged Surface Hybrid (CSH™)** particles.

- Accepts greater peptide mass loads for detection of low-level impurities
- Excellent performance with TFA for optical applications, FA for MS applications, and DFA for dual detection.

Trifunctional C₁₈ ligand, fully end-capped, bonded to **High Strength Silica (HSS)** particles.

- Ideal choice for the separation of small, hydrophobic peptides since retentivity is greater than that obtained with Waters hybrid-based peptide separation columns.

Ordering Information

ACQUITY PREMIER Peptide Columns

Description	Dimension	Part Number
BEH C ₁₈ , 130 Å, 1.7 µm	2.1 x 50 mm	186009481
	2.1 x 100 mm	186009482
	2.1 x 150 mm	186009483
CSH C ₁₈ , 1.7 µm	2.1 x 50 mm	186009487
	2.1 x 100 mm	186009488
	2.1 x 150 mm	186009489
HSS T3, 1.8 µm	2.1 x 50 mm	186009490
	2.1 x 100 mm	186009491
	2.1 x 150 mm	186009492
BEH C ₁₈ , 300 Å, 1.7 µm	2.1 x 50 mm	186009493
	2.1 x 100 mm	186009494
	2.1 x 150 mm	186009495

For Method Validation Kit (MVK) part numbers, visit waters.com/PREMIER.

