



Mapping tryptic protein digests can produce highly complex chromatograms where every peak counts. The Acclaim 3 µm 3.0 × 250 mm columns yield superior peak capacity and resolution. Using techniques developed for Rapid Separation LC (RSLC) columns, these columns are physically rugged and rated to 800 bar. The PolarAdvantage II chemistry exhibits excellent chemical stability in acidic conditions, and has complementary selectivity compared to C18. Some peptides, especially phosphopeptides, are sensitive to metal contamination. A small amount of pyrophosphate (0.1 mM) in the mobile phase suppresses metal effects without affecting UV detection.