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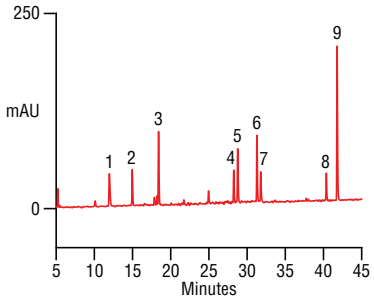
Cytochrome C Tryptic Peptides on a Thermo Scientific™ Acclaim™ 300 C18 Column



Column:	Thermo Scientific™ Acclaim™ 300 C18, 3 µm, 4.6 × 150 mm
Pump:	Thermo Scientific™ Dionex™ ICS-3000 DP
Mobile Phases:	(A) 5:95:0.1 (v/v/v) MeCN:H_2O:TFA (B) 95:5:0.1 (v/v/v) MeCN:H_2O:TFA

Gradient Times:				
	–15	0	45	60
%A	100	100	65	65
%B	0	0	35	35

Flow:	1.0 mL/min
Temperature:	TC thermostat at 30 °C
Injection:	AS autosampler, 5 µL
Detector:	VWD, UV at 214 nm
Sample:	Bovine cyctochrome-c (Sigma C2037) 1 mg/mL digested with trypsin (Promega V5111)

20395

Tryptic peptide mapping is an important tool in protein characterization. Reliable, high resolution separations are essential for good quality control. The Acclaim 300 C18 columns are designed and tested for peptide mapping. Using this 3 µm Acclaim column, fast, high resolution separations can be achieved. This chromatogram is one of the lot validation tests for the Acclaim 300 C18 column.