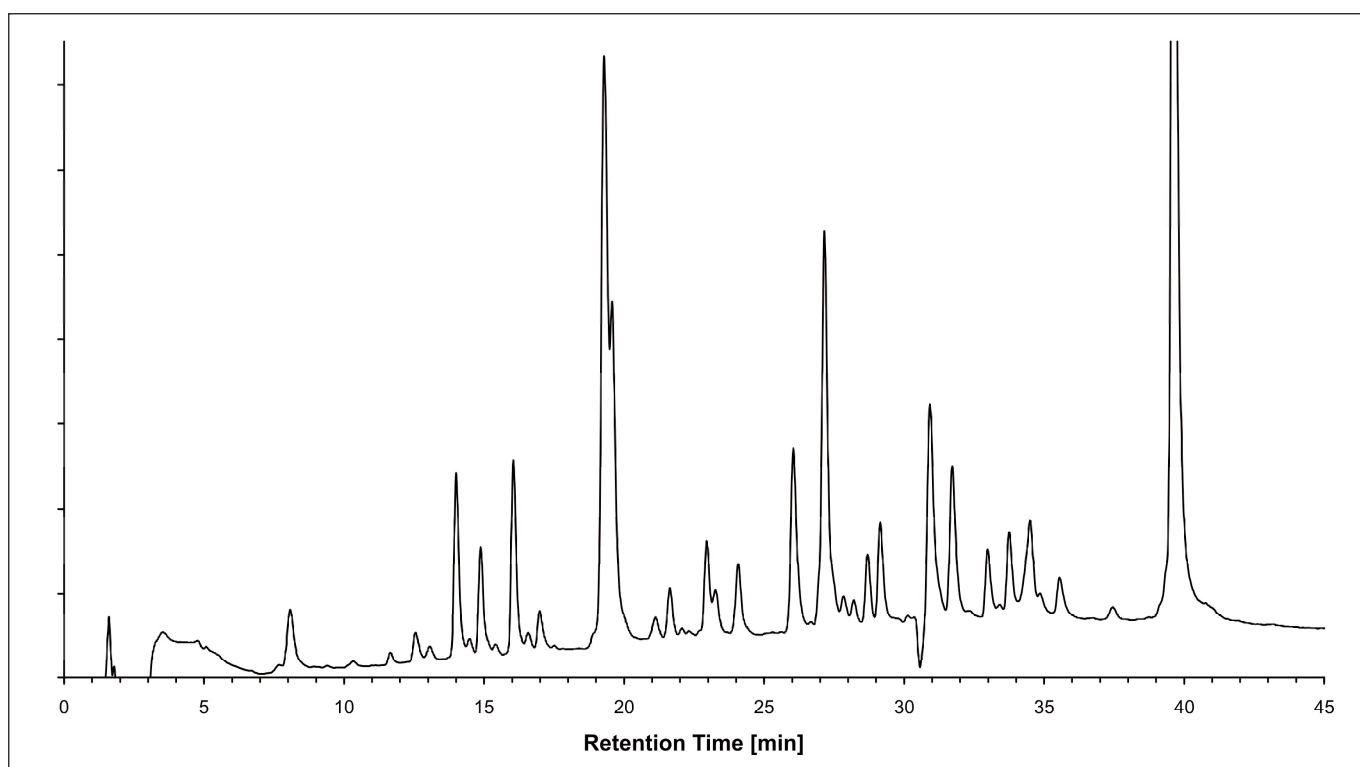


Analysis of the tryptic digest of Cytochrome C

ProteCol® C18 G

Column part number	2C184-03M30K		
Column	ProteCol C18 G, 3 µm, 300 Å, 100 mm x 300 µm	Flow rate	4.2 µL/min
Sample	100 ng Cytochrome C digest	Gradient	0 to 60 min: 0% to 100% B
Mobile phase A	0.1% Trifluoroacetic acid in water	Column temperature	45°C
Mobile phase B	0.0935% Trifluoroacetic acid in 60% Acetonitrile	Detection	LC-UV at 254 nm



The reversed phase analysis of a tryptic digest of a sample is a typical way to characterize the protein composition. In proteomic research the digest of the total protein content of a tissue sample can lead to very complex samples.

Cytochrome C (from bovine heart) is a relatively small molecule of molecular weight 12,327 Da.

A tryptic digest of a small (and relatively inexpensive) protein such as Cytochrome C can be used to validate system suitability and column performance. It can also be used for calibrating system components or as a demonstration of principle.

For more information visit www.trajanscimed.com or contact techsupport@trajanscimed.com