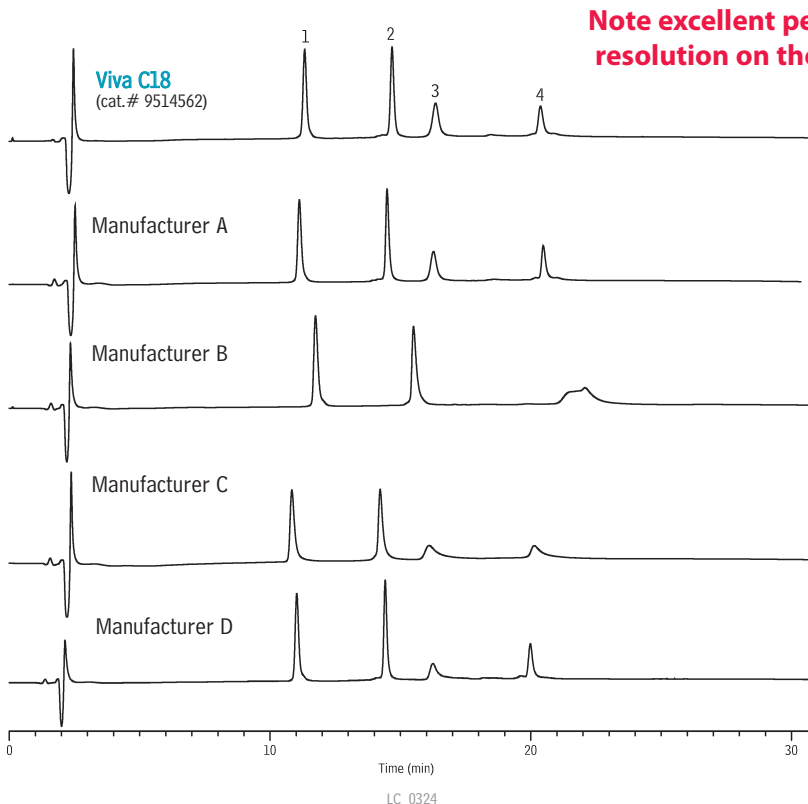




Protein Mix on Viva C18



Note excellent peak shapes and resolution on the Viva column!

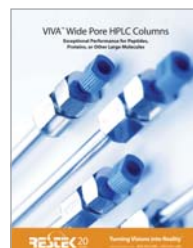
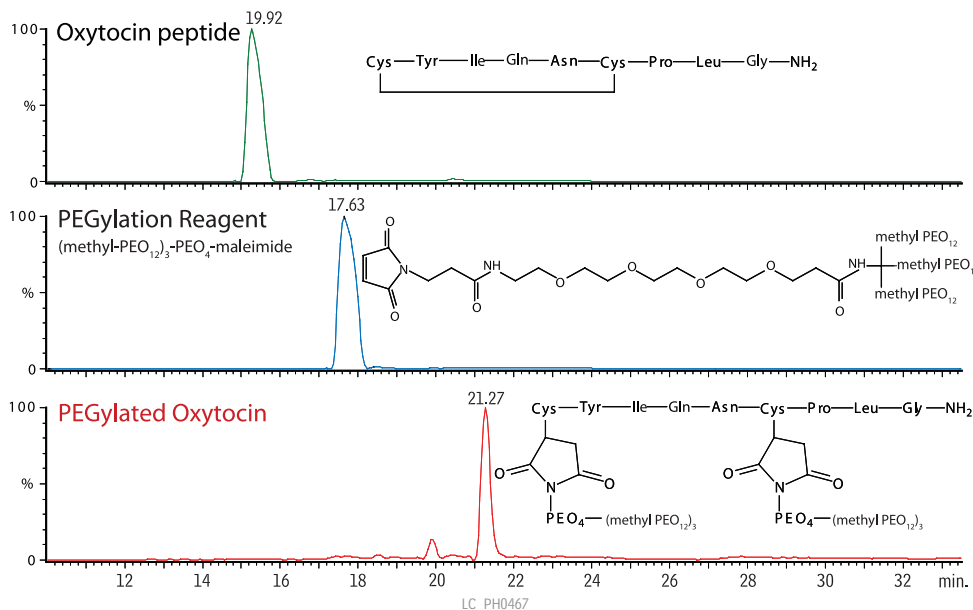
Peak List	Ret. Time (min.)
1. ribonuclease A	11.31
2. cytochrome c	14.65
3. holo-transferrin	16.32
4. apomyoglobin	20.34

Sample:
 Inj.: 20µL
 Conc.: 0.08mg/mL each protein
 Sample diluent: 0.10% TFA in water / 0.10% TFA in acetonitrile, 80:20, v/v
 Sample temp.: 25°C

Columns: **Wide Pore C18**
 Dimensions: 150mm x 2.1mm
 Particle size: 5µm
 Pore size: 300Å

Conditions:
 Mobile phase: A: 0.10% TFA in water, B: 0.10% TFA in acetonitrile, 20% B to 70% B in 30 min.
 Flow: 0.20mL/min.
 Temp.: 25°C (or ambient)
 Det.: UV @ 214nm

PEGylated Oxytocin on Viva C18 (LC/MS)



free literature

Viva Wide Pore HPLC Columns

Exceptional Performance for Peptides, Proteins, or Other Large Molecules

Download your free copy from www.restek.com.

Flyer lit. cat.# 59939

Sample: oxytocin PEGylation reaction products
 Inj.: 20µL
 Conc.: 300pmoles/µL
 Sample diluent: 0.1% formic acid in water (v:v)

Column: **Viva C18**
 Cat.#: 9514561
 Dimensions: 150mm x 1.0mm
 Particle size: 5µm
 Pore size: 300Å

Conditions:
 Mobile phase: 0.1% formic acid in water:0.1%formic acid in acetonitrile, 60:40
 Flow: 0.1mL/min.
 Temp.: ambient
 Det.: Micromass Quattro II
 Interface: ESI
 Ion mode: positive
 Temp.: 200°C
 Capillary: 2.25kV
 Cone: 40V