

# HPLC Application

ID No.: 19832

## Hi Temp Stability - Injection on new Aeris WIDEPORE column

**Column:** Aeris<sup>™</sup> 3.6  $\mu$ m WIDEPORE XB-C18 200  $\text{\AA}$ , LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4482-AN

**Elution Type:** Gradient

**Eluent A:** Water with 0.1% TFA

**Eluent B:** Acetonitrile with 0.1% TFA

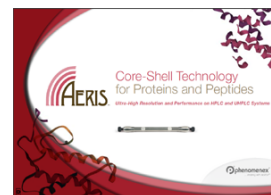
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	97	3
	2	3	97	3
	3	23	35	65

**Flow Rate:** 0.312 mL/min

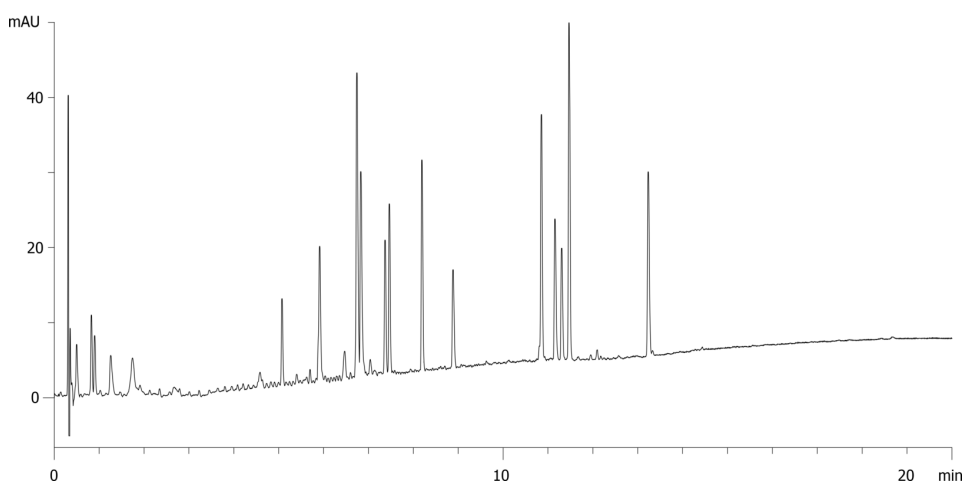
**Col. Temp.:** 90 °C

**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 214 nm (ambient)

**Analyst Note:** Application was actually run on a 50x4.6mm ID running at a flow rate of 1.5 mL/min. 50 x 4.6 mm which is not a commercially available product. Information switched to 50x2.1mm for those that wish to replicate method.  
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Products used in this application:



### ANALYTES:

- 1 Apomyoglobin

