

# HPLC Application

ID No.: 14495

## EPA Method 8316, Acrylamide, Acrylonitrile, & Acrolein

**Column:** Synergi<sup>™</sup> 4  $\mu$ m Hydro-RP 80  $\text{\AA}$ , LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4375-E0

**Elution Type:** Isocratic

**Eluent A:** Water

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	98	2

**Flow Rate:** 2 mL/min

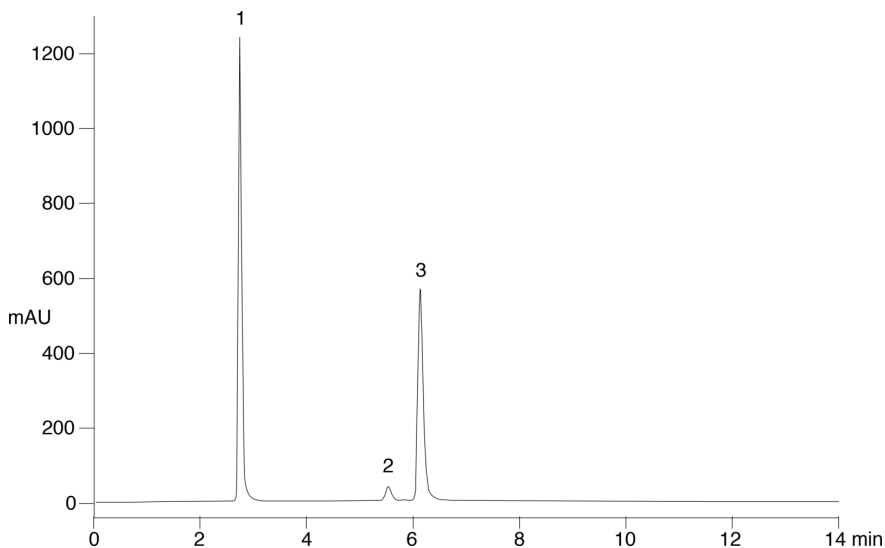
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 195 nm (ambient)

**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, AQ C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7511

- Holder Part No.: KJ0-4282



### ANALYTES:

- 1 Acrylamide
- 2 Acrylonitrile
- 3 Acrolein

