

HPLC Application

ID No.: 14495

EPA Method 8316, Acrylamide, Acrylonitrile, & Acrolein

Column: Synergi[™] 4 μ m Hydro-RP 80 \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

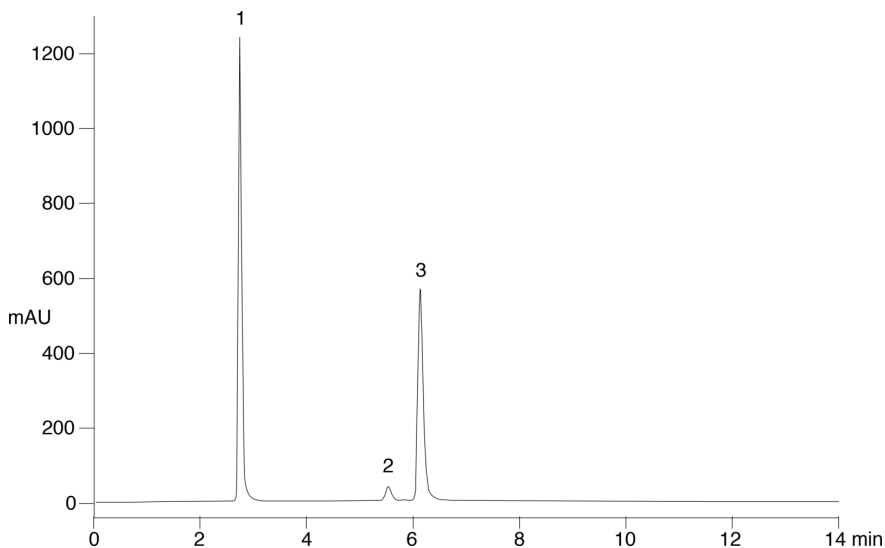
Col. Temp.: ambient

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

Analyst Note: SecurityGuard[™] 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

