

# HPLC Application

ID No.: 14840

## Hydrophobic basic compounds at low pH

**Column:** Synergi<sup>™</sup> 4  $\mu$ m Fusion-RP 80 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4424-E0

**Elution Type:** Isocratic

**Eluent A:** 20 mM Potassium Phosphate, pH 2.5

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	75	25

**Flow Rate:** 1 mL/min

**Col. Temp.:** 30 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 210 nm (ambient)

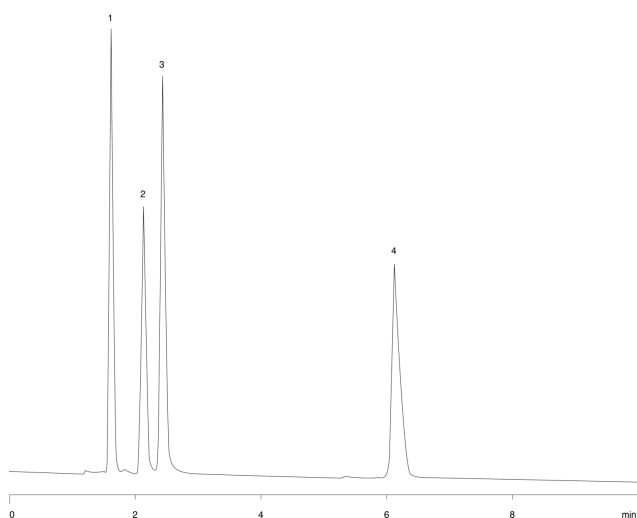
**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Fusion-RP 4 x 3.0mm, 10/Pk Part No.: AJ0-7557

- Holder Part No.: KJ0-4282



14840



### ANALYTES:

- 1 Maleic acid
- 2 Chlorpheniramine
- 3 Triprolidine
- 4 Diphenhydramine

