

## Hydrophobic Acidic Compounds

**Column:** Gemini® 5 µm C18 110 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4435-E0

**Elution Type:** Isocratic

**Eluent A:** 20mM KH<sub>2</sub>PO<sub>4</sub>, pH 2.5

**Eluent B:** Acetonitrile

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

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 25 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (25 °C)

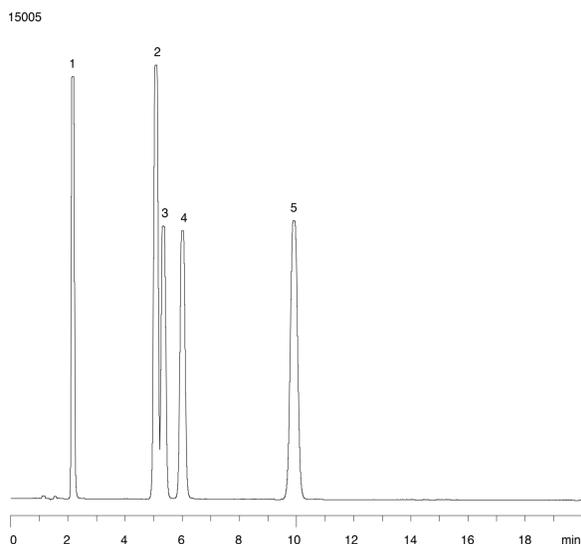
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Gemini C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7597

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

**1** p-Hydroxybenzoic acid (n-butyl ester)

Retention Time: 2.17 min

**2** Sorbic acid

Retention Time: 5.079 min

**3** Benzoic acid

Retention Time: 5.34 min

**4** Salicylic acid

Retention Time: 6.01 min

**5** p-Toluic acid

Retention Time: 9.909 min

