

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 KH₂PO₄, pH 2.5**Eluent B:** Acetonitrile

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

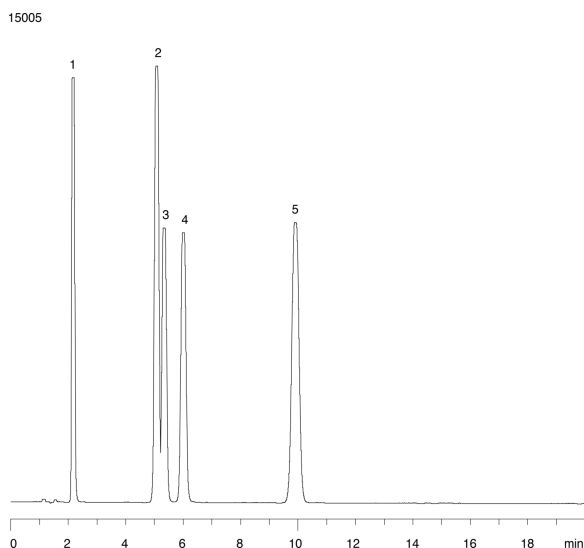
Flow Rate: 1.5 mL/min**Col. Temp.:** 25 °C**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (25 °C)**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- 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

