

# HPLC Application

ID No.: 15699

## Polar Aromatic Organic Acids on Gemini 5u C18

**Column:** Gemini<sup>®</sup> 5  $\mu$ m 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 Phosphate buffer, 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.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

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

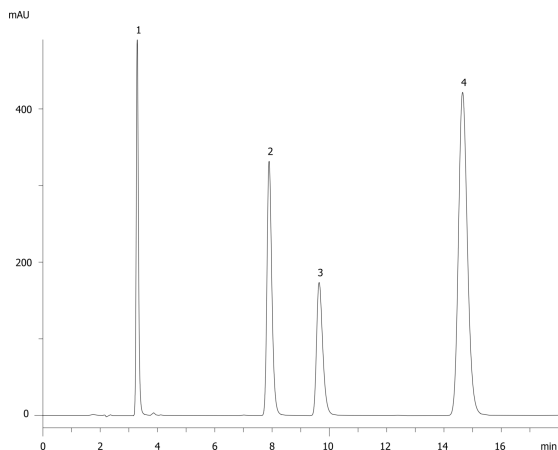
- SecurityGuard Cartridges, Gemini C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7597

- Holder Part No.: KJ0-4282

15699



Products used in this application:



### ANALYTES:

- 1 p-Hydroxybenzoic acid
- 2 Benzoic acid
- 3 Salicylic acid
- 4 p-Toluic acid

