

# HPLC Application

ID No.: 15611

## Aromatic Acids (non-polar acids) at low pH by Gemini 5um C18

**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 Phosphate buffer pH2.5

**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

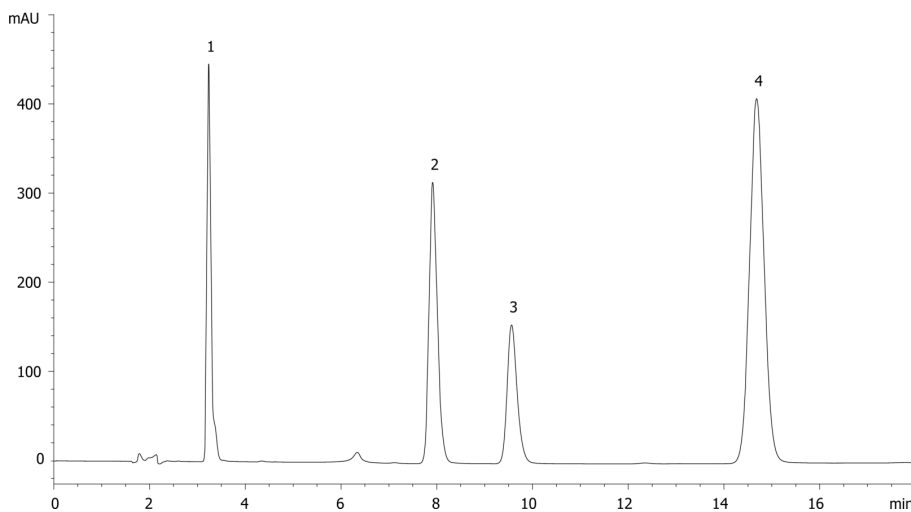
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

**Analyst Note:** Peak 3 (salicylic acid)

N = 10983, Symm = 0.75, Peak area = 2233  
15611



Products used in this application:



### ANALYTES:

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

