

# HPLC Application

ID No.: 15623

## Acid, Base, and Neutral Compounds by Luna 3 $\mu$ C18(2) MercuryMS Cartridge 20 x 4.0mm

**Column:** Luna<sup>®</sup> 3  $\mu$ m C18(2) 100  $\text{Å}$ , LC Column 20 x 4 mm, Mercury, Ea

**Dimensions:** 20 x 4 mm ID

**Order No:** 00M-4251-D0-CE

**Elution Type:** Gradient

**Eluent A:**

Gradient Profile:	Step No.	Time (min)	Pct A
	1	0	95
	2	1	5
	3	1.2	5
	4	1.21	95
	5	1.5	95

**Flow Rate:** 2.5 mL/min

**Col. Temp.:** ambient

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

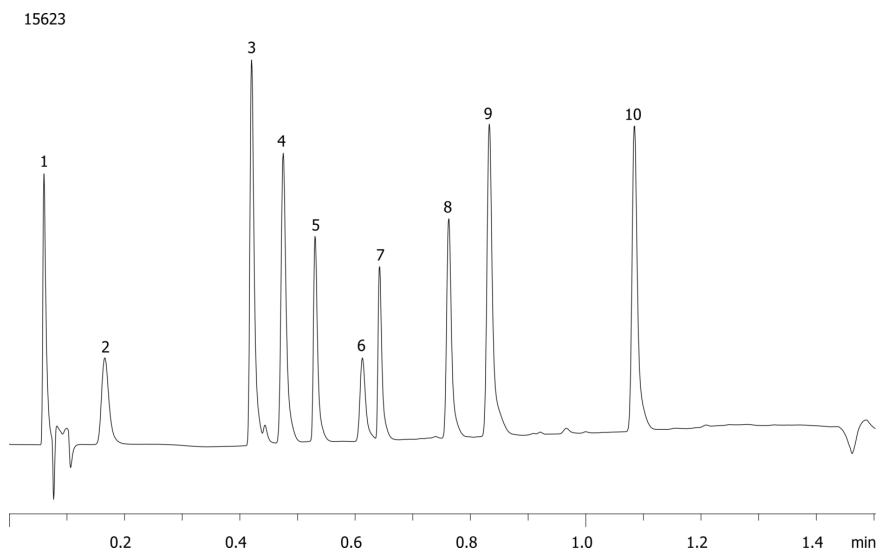
**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:



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### ANALYTES:

- 1 Pyridine
- 2 Sulfanilamide
- 3 Quinidine
- 4 Sulfathiazole
- 5 Triprolidine
- 6 Phenol
- 7 Nortriptyline
- 8 3-Methyl-4-nitrobenzoic acid
- 9 5-Methyl-salicylaldehyde
- 10 Hexaphenone

