

HPLC Application

ID No.: 15625

Acid, Base, and Neutral Compounds by Luna 3 μ Phenyl-Hexyl MercuryMS Cartridge 20 x 2.0mm

Column: Luna® 3 μ m Phenyl-Hexyl 100 Å, LC Column 20 x 2 mm, Mercury, Ea

Dimensions: 20 x 2 mm ID

Order No: 00M-4256-B0-CE

Elution Type: Gradient

Eluent A: 0.1% Formic acid in Water

Eluent B: 0.1% Formic acid in Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	1	5	95
	3	1.2	95	5
	4	1.21	90	10
	5	2	90	10

Flow Rate: 0.6 mL/min

Col. Temp.: ambient

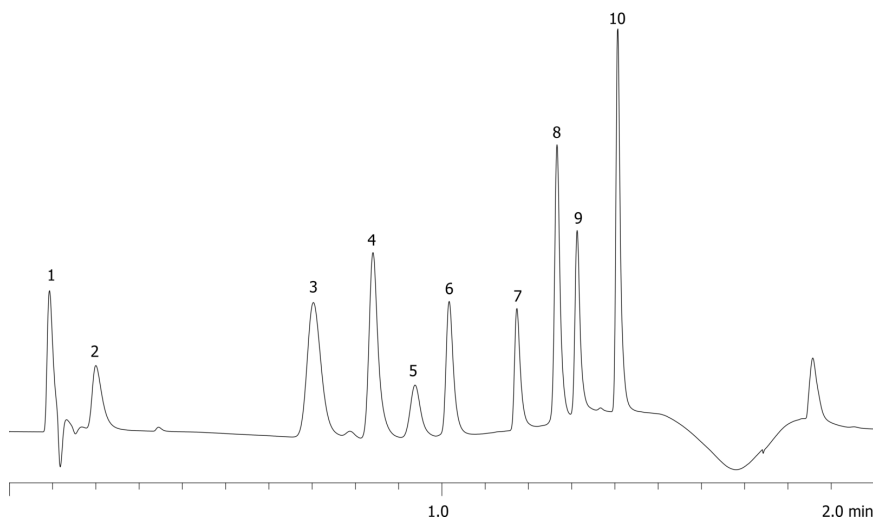
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 251 nm (25 °C)

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

- SecurityGuard Cartridges, Phenyl 4 x 2.0mm, 10/Pk Part No.: AJ0-4350

- Holder Part No.: KJ0-4282

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Products used in this application:



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ANALYTES:

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

