

# HPLC Application

ID No.: 10410

## Sulfa Drugs

**Column:** PolymerX<sup>™</sup> 5 µm RP-1 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4326-E0

**Elution Type:** Isocratic

**Eluent A:** 100mM NaH<sub>2</sub>PO<sub>4</sub>

**Eluent B:** Acetonitrile

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

**Flow Rate:** 0.5 mL/min

**Col. Temp.:** 25 °C

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

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

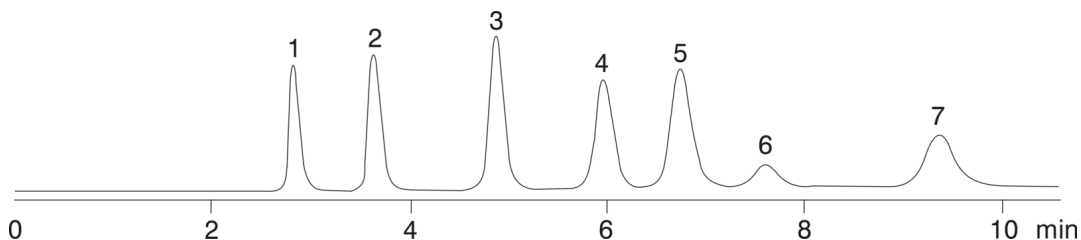
- SecurityGuard Cartridges, RP-1 4 x 3.0mm, 10/Pk Part No.: AJ0-5809

- Holder Part No.: KJ0-4282



Products used in this application:

**PolymerX<sup>™</sup>**



### ANALYTES:

- 1 Sulfanilic acid
- 2 Sulfaguanidine
- 3 Sulfanilamide
- 4 Succinylsulfathiazole
- 5 Sulfathiazole
- 6 Sulfadiazine
- 7 Sulfamerazine

