

# HPLC Application

ID No.: 18666

## Sulfa Drugs on Kinetex 2.6µm C18 150 x 4.6mm ID

**Column:** Kinetex<sup>®</sup> 2.6 µm C18 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4462-E0

**Elution Type:** Gradient

**Eluent A:** 0.1% Formica acid

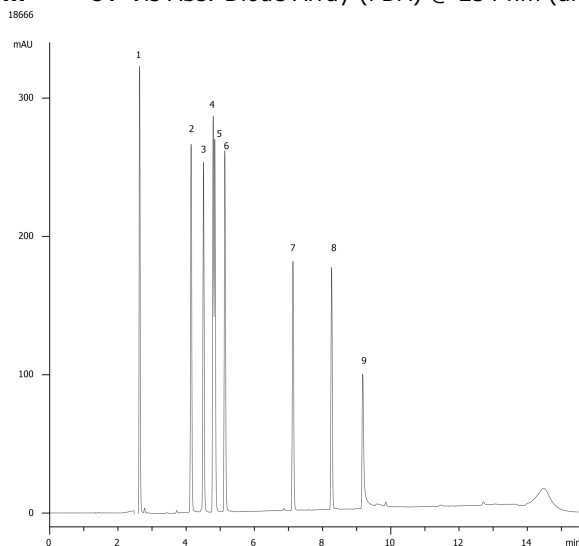
**Eluent B:** 0.1% Formica acid in CH<sub>3</sub>CN

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	12	35	65
	3	12.01	95	5
	4	17	95	5

**Flow Rate:** 1.2 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 254 nm (ambient)



### ANALYTES:

- 1 Sulfanilamide**  
Retention Time: 2.635 min
- 2 Sulfacetamide**  
Retention Time: 4.145 min
- 3 Sulfadiazine**  
Retention Time: 4.508 min
- 4 Sulfathiazole**  
Retention Time: 4.793 min
- 5 Sulfapyridine**  
Retention Time: 4.84 min
- 6 Sulfamerazine**  
Retention Time: 5.135 min
- 7 Sulfamethoxazole**  
Retention Time: 7.131 min
- 8 Sulfaquinoxaline**  
Retention Time: 8.263 min
- 9 Sulfasalaxine**  
Retention Time: 9.176 min



Products used in this application:

