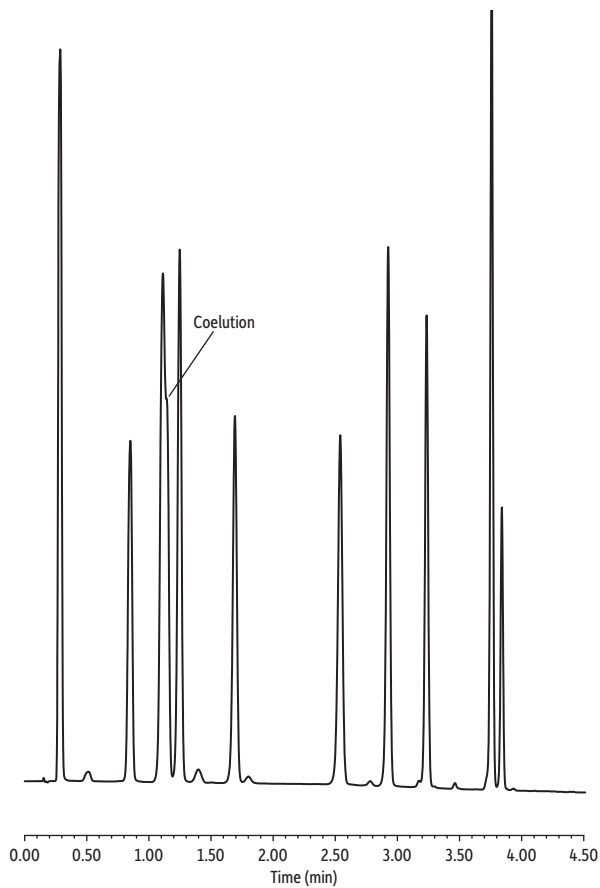


# Sulfur Antibiotics on Kinetex® C18



LC\_FF0532

### Peaks

1. Sulfanilamide
2. Sulfadiazine
3. Sulfapyridine
4. Sulfathiazole
5. Sulfamerazine
6. Sulfamethazine
7. Sulfachlorpyridazine
8. Sulfadoxine
9. Sulfisoxazole
10. Sulfadimethoxine
11. Sulfaquinoxaline

**Column** Kinetex® C18 (cat.# 00B-4462-Y0)  
 Dimensions: 50 mm x 3.0 mm ID  
 Particle Size: 2.6 µm  
 Pore Size: 100 Å  
 Temp.: 20 °C

**Sample**  
 Diluent: 0.1% Formic acid in water  
 Conc.: 50 µg/mL  
 Inj. Vol.: 5 µL

**Mobile Phase**  
 A: 0.1% Formic acid in water  
 B: 0.1% Formic acid in acetonitrile

Time (min)	Flow (mL/min)	%A	%B
0.00	1.5	95	5
2.00	1.5	90	10
4.50	1.5	65	35
4.51	1.5	95	5
5.50	1.5	95	5

**Detector** Waters Acquity® PDA @ 260, 4.8 nm  
**Instrument** Waters Acquity® UPLC H-Class