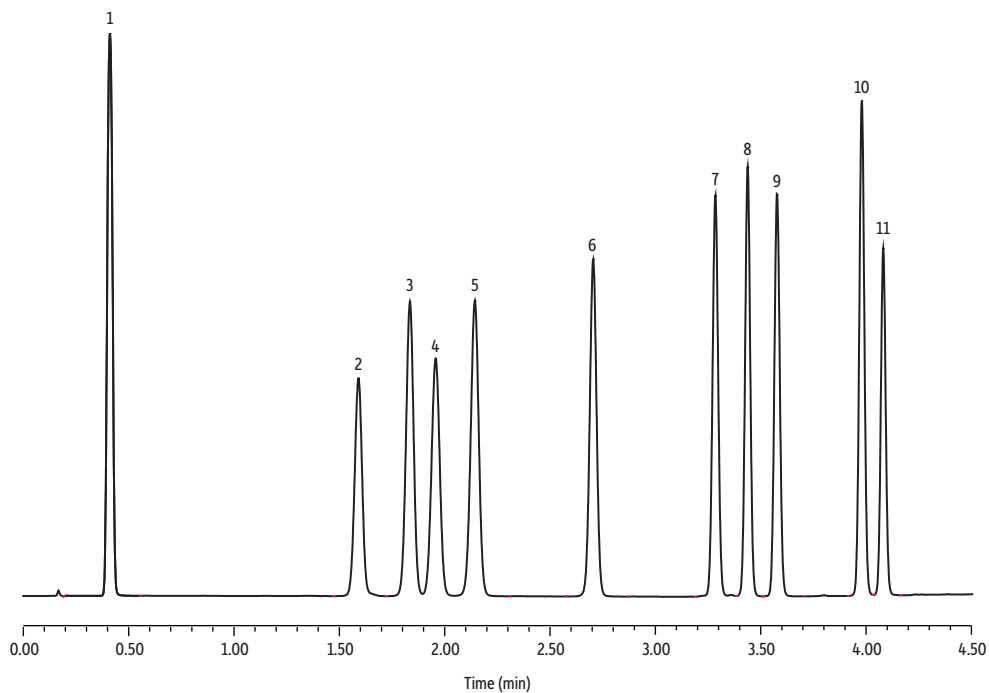


# Sulfur Antibiotics on Raptor™ Biphenyl



LC\_FF0530

Peaks	t <sub>R</sub> (min)
1. Sulfanilamide	0.41
2. Sulfadiazine	1.59
3. Sulfapyridine	1.84
4. Sulfathiazole	1.96
5. Sulfamerazine	2.14
6. Sulfamethazine	2.71
7. Sulfachlorpyridazine	3.29
8. Sulfadoxine	3.44
9. Sulfisoxazole	3.58
10. Sulfadimethoxine	3.98
11. Sulfaquinoxaline	4.08

**Column** Raptor™ Biphenyl (cat.# 9309A5E)  
 Dimensions: 50 mm x 3.0 mm ID  
 Particle Size: 2.7 µm  
 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** UV/Vis @ 260, 4.8 nm  
**Instrument** Waters Acquity™ UPLC H-Class