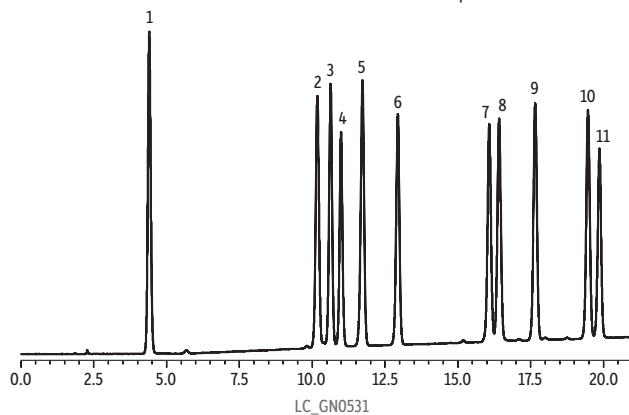


Sulfur Antibiotics on Ultra Biphenyl

Peaks	RT (min.)	Peaks	RT (min.)
1. Sulfanilamide	4.40	5. Sulfamerazine	11.72
2. Sulfadiazine	10.18	6. Sulfamethazine	12.94
3. Sulfapyridine	10.63	7. Sulfachlorpyridazine	16.08
4. Sulfathiazole	10.99	8. Sulfadoxine	16.42
		9. Sulfisoxazole	17.65
		10. Sulfadimethoxine	19.47
		11. Sulfaquinoxaline	18.86



Column	Ultra Biphenyl (cat.# 9109565)	Mobile Phase	
Dimensions:	150 mm x 4.6 mm ID	A:	0.1% Formic acid in water
Particle Size:	5 µm	B:	0.1% Formic acid in acetonitrile
Pore Size:	100 Å	Time (min.)	%A
Temp.:	25 °C	0	90
Sample		3.0	10
Diluent:	0.1% Formic acid in water	20.0	60
Conc.:	50 µg/mL	21.0	40
Inj. Vol.:	10 µL		
		Flow:	1.0 mL/min.
		Detector	UV/Vis @ 265 nm
		Instrument	Shimadzu UFLC ₈