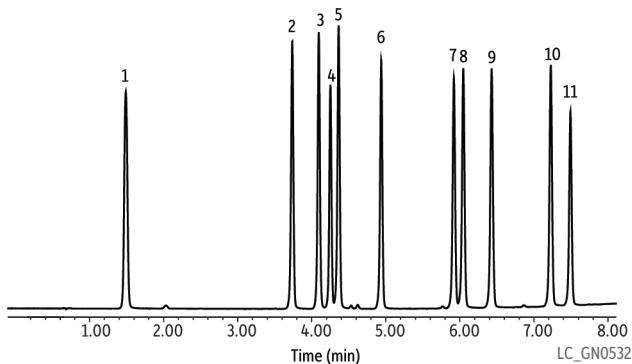


Sulfur Antibiotics by UHPLC on Pinnacle® DB Biphenyl



Column	Pinnacle® DB Biphenyl (cat.# 9409212)	Peaks	t_R (min)
Dimensions:	100 mm x 2.1 mm ID	1. Sulfanilamide	1.55
Particle Size:	1.9 µm	2. Sulfadiazine	3.74
Pore Size:	140 Å	3. Sulfapyridine	4.09
Temp.:	25 °C	4. Sulfathiazole	4.24
Sample		5. Sulfamerazine	4.35
Diluent:	0.1% formic acid in water	6. Sulfamethazine	4.91
Conc.:	50 µg/mL	7. Sulfachlorpyridazine	5.87
Inj. Vol.:	2 µL	8. Sulfadoxine	5.99
Mobile Phase		9. Sulfisoxazole	6.37
A:	0.1% formic acid in water	10. Sulfadimethoxine	7.14
B:	0.1% formic acid in acetonitrile	11. Sulfaquinoxaline	7.40

Time (min)	%A	%B
0	95	5
8	60	40

Flow: 0.4 mL/min
Detector UV/Vis @ 265 nm
Instrument Shimadzu UFLC_{XR}