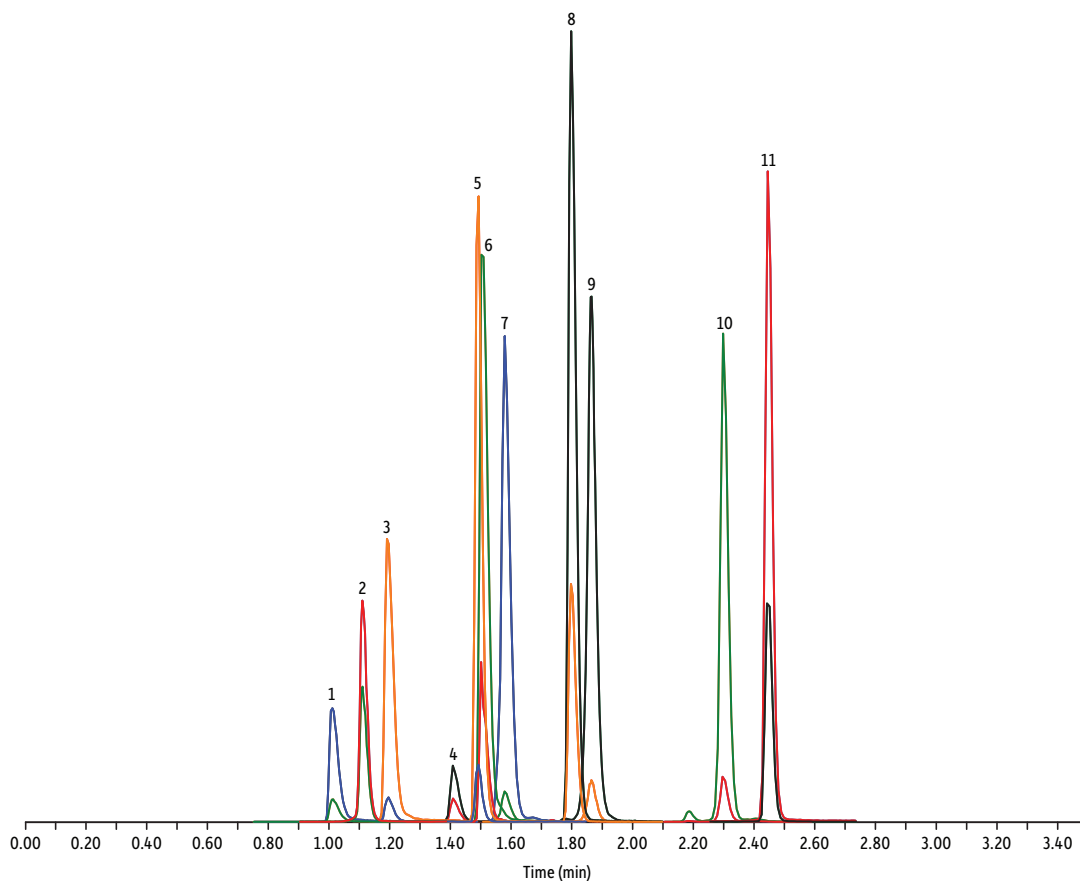


Macrolide, Lincosamide, and Streptogramin Antibiotics on Raptor™ C18 by LC-MS/MS



LC_FS0502

Peaks	tr (min)	Conc. (ng/mL)	Precursor Ion	Product Ion	Product Ion
1. Tildipirosin	1.01	200	734.59	561.45	204.15
2. Lincosamin	1.11	50	407.32	359.23	389.28
3. Tulathromycin A	1.19	100	806.65	577.42	420.31
4. Spiramycin	1.41	200	843.64	540.36	699.48
5. Pirlmycin	1.49	20	411.32	363.18	327.21
6. Gamithromycin	1.50	100	777.63	619.52	601.45
7. Tilmicosin	1.58	100	869.72	696.50	522.42
8. Erythromycin	1.80	25	734.64	576.40	558.38
9. Tylosin	1.87	100	916.62	772.49	598.36
10. Tylvalosin	2.30	50	1042.71	814.46	640.39
11. Virginiamycin M1	2.45	50	526.43	508.31	355.10

Column Raptor™ C18 (cat.# 9304A12)
 Dimensions: 100 mm x 2.1 mm ID
 Particle Size: 2.7 µm
 Pore Size: 90 Å
 Guard Column: Raptor™ C18 EXP® guard column cartridge 5 mm, 2.1 mm ID, 2.7 µm (cat.# 9304A0252)
 Temp.: 40 °C
Sample
 Diluent: Water
 Conc.: 20–200 ng/mL
 Inj. Vol.: 2 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	0.4	90	10
3.00	0.4	20	80
3.01	0.4	90	10
5.00	0.4	90	10

Detector MS/MS
 Ion Mode: ESI+
 Mode: MRM
Instrument UHPLC