

# HPLC Application

ID No.: 23587

## Antibiotics panel using Luna Omega Polar C18 50x2.1mm

**Column:** Luna Omega 1.6 um Polar C18 100 A LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4748-AN

**Elution Type:** Gradient

**Eluent A:** 10mM Ammonium formate + 0.1% formic acid

**Eluent B:** Acetonitrile with 0.1% formic acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	0.5	100	0
	3	5	5	95
	4	5.1	100	0

**Flow Rate:** 500 µL/min

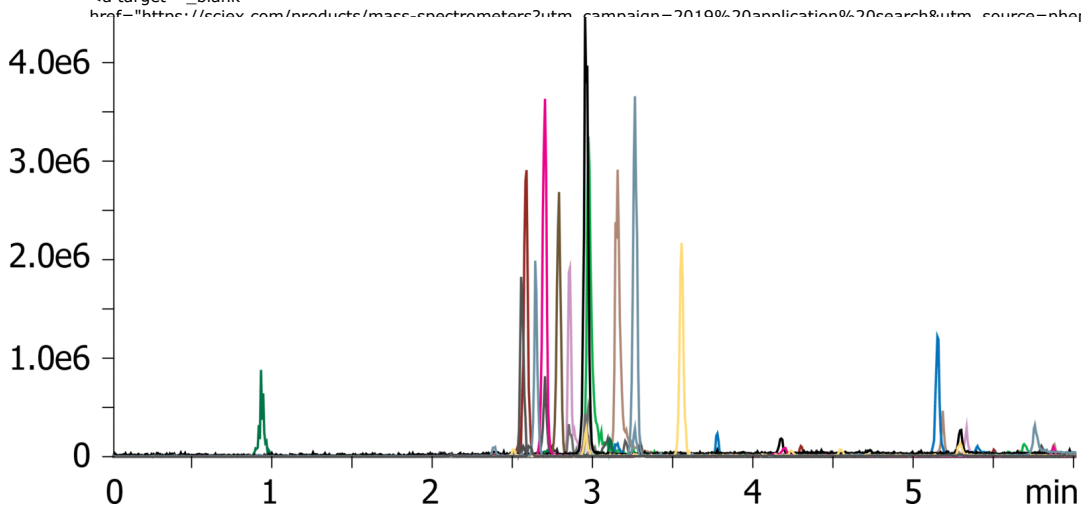
**Col. Temp.:** 40 °C

**Detection:** Tandem Mass Spec (MS-MS) @ (450 °C)

**Detector Info:** <a target="\_blank" href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&utm\_source=phenomenex&utm\_medium=referral">SCIEX<



Products used in this application:



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### ANALYTES:

- 1 SULFAGUANIDINE
- 2 SULFADIAZINE
- 3 CEFALEXIN
- 4 LINCOMYCIN
- 5 AMOXICILLIN
- 6 SULFATHIAZOLE
- 7 SULFAPYRIDINE
- 8 CEFAZOLIN
- 9 SULFAMERAZINE
- 10 CIPROFLOXACIN
- 11 SULFAMETHAZINE
- 12 SULFAMONOMETHOXINE
- 13 EnroFloxacin
- 14 DIFLOXACIN
- 15 CHLORTETRACYCLINE
- 16 SULFAMETHOXAZOLE
- 17 Florfenicol
- 18 SULFAQUINOXALINE
- 19 OXACILLIN
- 20 SULFADIMETHOXINE

