

# HPLC Application

ID No.: 22083

## High Level Antibiotic Extract from Ground Meat on Kinetex XB-C18

**Column:** Kinetex® 2.6 µm XB-C18 100 Å, LC Column 100 x 2.1 mm, Ea

**Dimensions:** 100 x 2.1 mm ID

**Order No:** 00D-4496-AN

**Elution Type:** Gradient

**Eluent A:** 0.1% Formic Acid in DI H<sub>2</sub>O

**Eluent B:** 0.1% Formic Acid in 50:50 MeOH:ACN

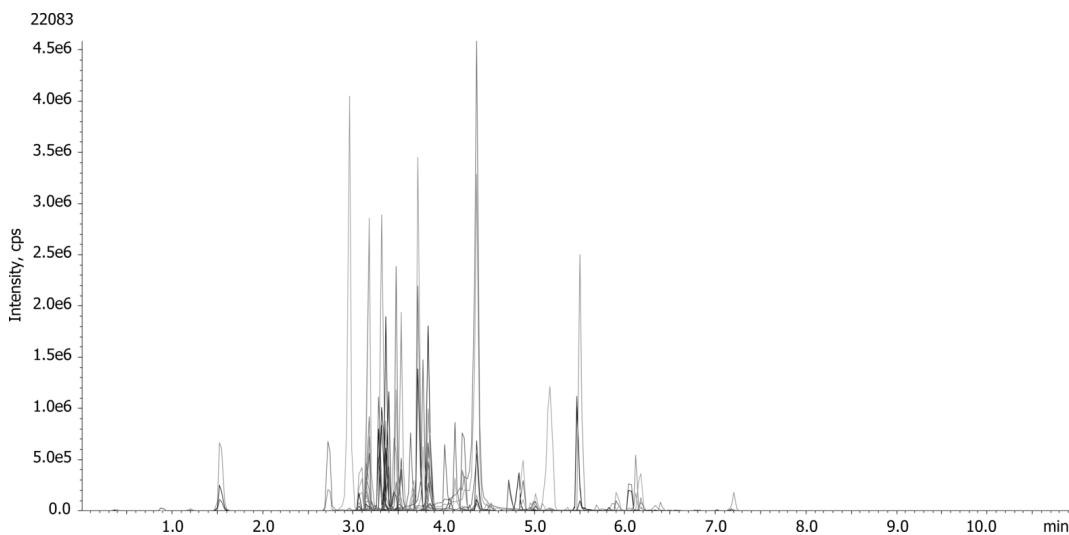
<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	95	5
	<b>2</b>	1	95	5
	<b>3</b>	4	50	50
	<b>4</b>	6	5	95
	<b>5</b>	7.5	5	95
	<b>6</b>	7.51	95	5
	<b>7</b>	10	95	5

**Flow Rate:** 450 mL/min

**Col. Temp.:** 50 °C

**Detection:** Tandem Mass Spec (MS-MS) @ (1 °C)

**Detector Info:** API 5000



Products used in this application:



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### ANALYTES:

- 1 AMOXICILLIN
- 2 SULFADIAZINE
- 3 SULFATHIAZOLE
- 4 SULFAPYRIDINE
- 5 4-EPITETRACYCLINE
- 6 TETRACYCLINE
- 7 TRIMETHOPRIM
- 8 MARBOFLOXACIN
- 9 SULFAMERAZINE
- 10 CEFQUINOME
- 11 AMPICILLIN
- 12 CEFALONIUM
- 13 4-EPIOXYTETRACYCLINE
- 14 OXYTETRACYCLINE
- 15 CIPROFLOXACIN
- 16 CEFAPIRIN
- 17 DANOFLOXACIN
- 18 ENROFLOXACIN
- 19 SULFAMETHAZINE
- 20 DIFLOXACIN
- 21 SARAFLOXACIN
- 22 NEOSPIRAMYCIN
- 23 SPIRAMYCIN
- 24 SULFAMETHOXAZOLE
- 25 DOXYCYCLINE
- 26 TILMICOSIN
- 27 CEFOPERAZONE
- 28 SULFAQUINOXALINE
- 29 TIAMULIN
- 30 TYLOSIN A
- 31 VALNEMULIN
- 32 OXACILLIN
- 33 CLOXACILLIN
- 34 DICLOXACILLIN
- 35 NAFCILLIN

