

# HPLC Application

ID No.: 19321

## Fluoroquinolones from Propolis using Strata-X and Gemini-NX by LCMS

**Column:** Gemini® 3 µm NX-C18 110 Å, LC Column 50 x 2 mm, Ea

**Dimensions:** 50 x 2 mm ID

**Order No:** 00B-4453-B0

**Elution Type:** Gradient

**Eluent A:** 0.1% Formic acid

**Eluent B:** Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	85	15
	2	5	10	90
	3	6	10	90
	4	6	10	90

**Flow Rate:** 0.4 mL/min

**Col. Temp.:** 40 °C

**Detection:** Mass Spectrometer (MS) @ amu (550 °C)

**Detector Info:** <a target="\_blank"

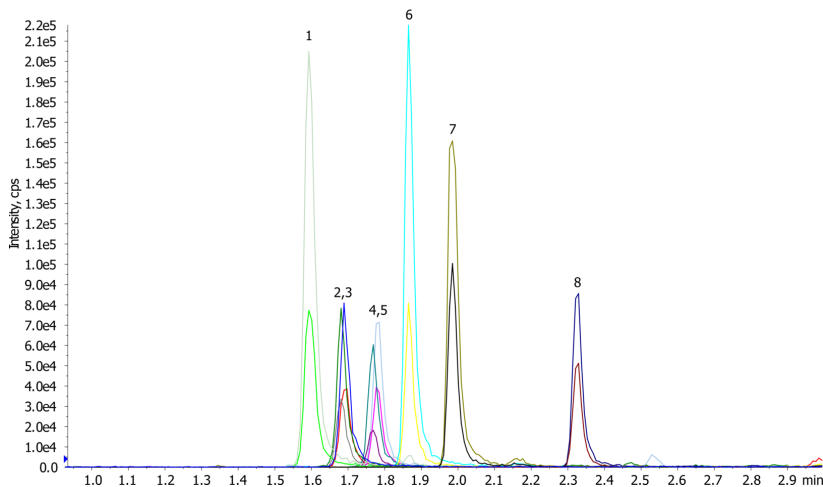
**Analyst Note:** href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&utm\_source=phenomenex&utm\_medium=referral">SCIEX<

Source temp: 450°C

Polarity: Postive

Dwell: 25 msec

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### ANALYTES:

- 1 Ofloxacin
- 2 Norfloxacin
- 3 Norfloxacin-d5
- 4 Ciprofloxacin
- 5 Ciprofloxacin-d8
- 6 Enrofloxacin
- 7 Difloxacin
- 8 Sparfloxacin



Products used in this application:

