

HPLC Application

ID No.: 18640

Extraction of Tetracyclines using strata X-CW on Kinetex 2.6µm C18 50 x 2.1mm ID by LCMS

Column: Kinetex® 2.6 µm C18 100 Å, LC Column 50 x 2.1 mm, Ea

Dimensions: 50 x 2.1 mm ID

Order No: 00B-4462-AN

Elution Type: Gradient

Eluent A: 0.1% Formic acid in H₂O

Eluent B: 0.1% Formic acid in ACN

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	97	3
	2	0.24	97	3
	3	3.02	5	95
	4	3.3	5	95
	5	3.31	97	3
	6	4.97	97	3

Flow Rate: 450 µL/min

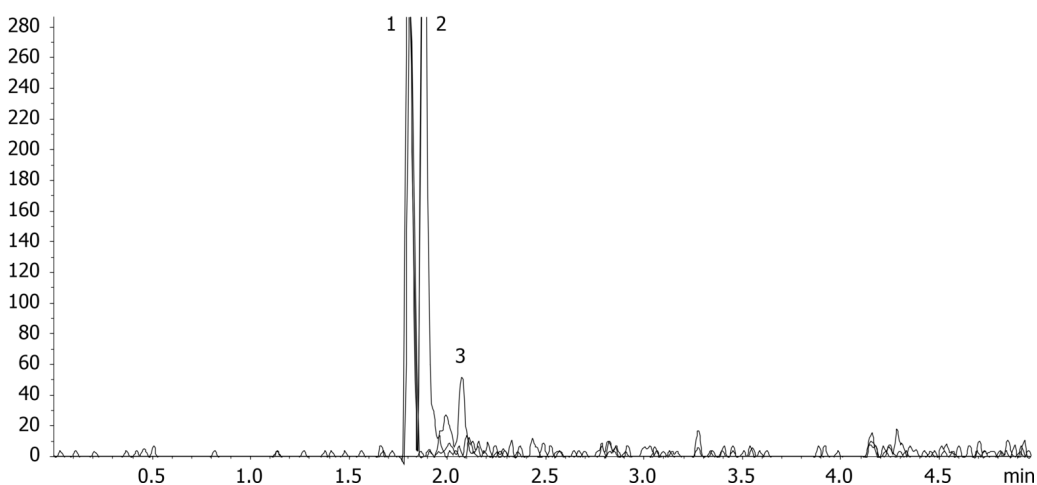
Col. Temp.: ambient

Detection: Mass Spectrometer (MS) @ amu (ambient)

18640



Products used in this application:



ANALYTES:

1 Oxytetracycline

Retention Time: 1.81 min

2 Tetracycline

Retention Time: 1.88 min

3 Chlorotetracycline

Retention Time: 2.07 min

