

## Tetracyclines on Gemini 3um C18

**Column:** Gemini® 3 µm C18 110 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4439-E0

**Elution Type:** Gradient

**Eluent A:** 20mM NaH<sub>2</sub>PO<sub>4</sub>, pH 2.0

**Eluent B:** Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 92    | 8     |
|                   | 2        | 4          | 92    | 8     |
|                   | 3        | 9          | 55    | 45    |

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** Refractive Index @ 0.0000000000 (ambient)

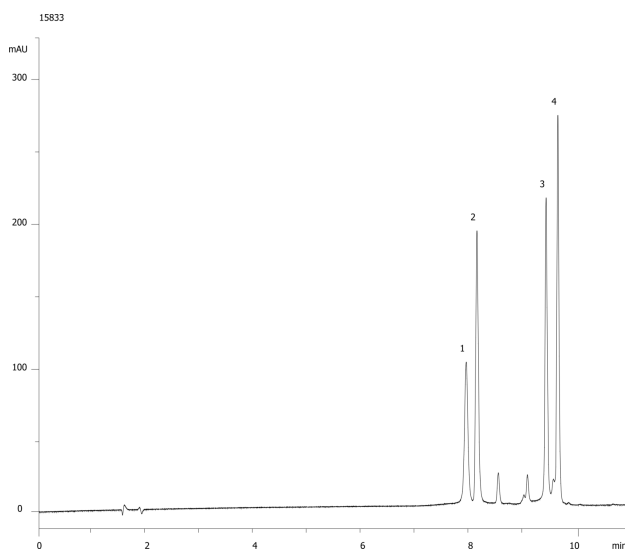
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Gemini C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7597

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1 Oxytetracycline  
Retention Time: 7.9 min
- 2 Epitetracycline  
Retention Time: 8.1 min
- 3 Chlorotetracycline  
Retention Time: 9.4 min
- 4 Doxytetracycline  
Retention Time: 9.6 min

