

# HPLC Application

ID No.: 23750

## 5-Benzylhydantoin on Lux 5 $\mu$ m i-Cellulose-5 250x4.6mm

**Column:** Lux<sup>®</sup> 5  $\mu$ m i-Cellulose-5, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4756-E0

**Elution Type:** Isocratic

**Eluent A:** n-Hexane

**Eluent B:** 2-Propanol

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 80    | 20    |

**Flow Rate:** 1 mL/min

**Col. Temp.:** 20 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 210 nm (20 °C)

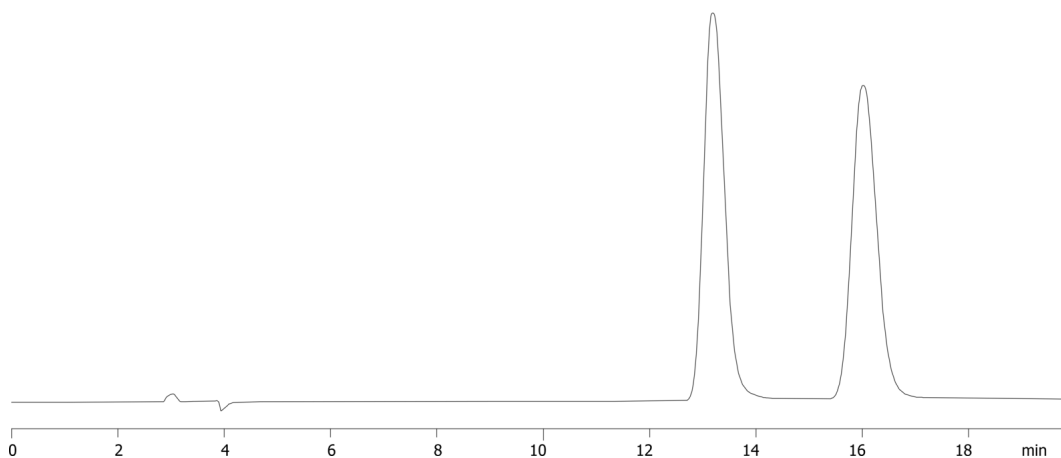
**Analyst Note:** Resolution = 4.01

Selectivity = 1.27

23750



Products used in this application:



### ANALYTES:

- 1 5-Benzylhydantoin  
Retention Time: 13.19 min
- 2 5-Benzylhydantoin  
Retention Time: 16.05 min