

# HPLC Application

ID No.: 18280

## Ketones on Luna 5 $\mu$ m C18(2) 250 x 4.6 mm 0.714 mL/min

**Column:** Luna<sup>®</sup> 5  $\mu$ m C18(2) 100 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4252-E0

**Elution Type:** Gradient

**Eluent A:** water

**Eluent B:** acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	4.78	95	5
	3	51.52	5	95
	4	66	5	95
	5	66.01	95	5
	6	86.38	95	5

**Flow Rate:** 0.714 mL/min

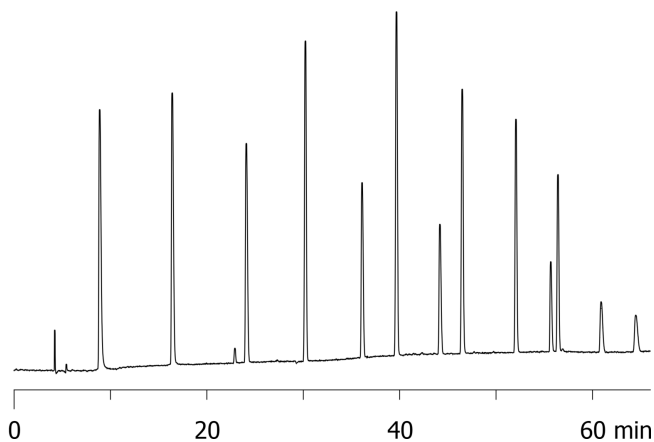
**Col. Temp.:** 45 °C

**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 258 nm (25 °C)

**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287
- Holder Part No.: KJ0-4282

18280



Products used in this application:



## Ketones on Luna 5 $\mu$ m C18(2) 250 x 4.6 mm 0.714 mL/min

### ANALYTES:

- 1 Acetone
- 2 2-Butanone
- 3 2-Pentanone
- 4 Acetophenone
- 5 2-Heptanone
- 6 Butyrophenone
- 7 2-Nonanone
- 8 Hexanophenone
- 9 Octanophenone
- 10 2-Tridecanone
- 11 Decanophenone
- 12 2-Pentadecanone
- 13 2-Hexadecanone

