

# HPLC Application

ID No.: 16298

## Positional Isomers of Methylacetophenone on Luna 3 $\mu$ m PFP(2) 150 x 4.6mm ID

**Column:** Luna<sup>®</sup> 3  $\mu$ m PFP(2) 100  $\text{Å}$ , LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4447-E0

**Elution Type:** Isocratic

**Eluent A:** Water

**Eluent B:** Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	50	50

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

**Detector Info:** Average Rs = 2.06

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

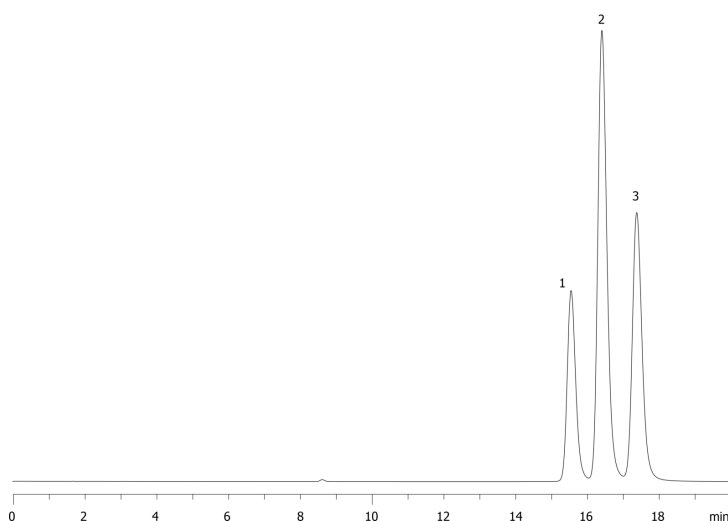
- SecurityGuard Cartridges, PFP 4 x 3.0 mm, 10/Pk Part No.: AJ0-8327

- Holder Part No.: KJ0-4282

16298



Products used in this application:



### ANALYTES:

- 1 o-Methylacetophenone  
Retention Time: 15.561 min
- 2 p-Methylacetophenone  
Retention Time: 16.421 min
- 3 m-Methylacetophenone  
Retention Time: 17.391 min

