

HPLC Application

ID No.: 18502

Positional Isomers (o, m, p- methylacetophenone) on Luna 3 μ m PFP(2) 50 x 2mm ID

Column: Luna[®] 3 μ m PFP(2) 100 Å, LC Column 50 x 2 mm, Ea

Dimensions: 50 x 2 mm ID

Order No: 00B-4447-B0

Elution Type: Isocratic

Eluent A: Water

Eluent B: MeOH

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	13	70	30

Flow Rate: 0.5 mL/min

Col. Temp.: 25 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (25 °C)

Detector Info: $R_s(1,2) = 1.93$, $R_s(2,3) = 1.07$, Efficiency (N1) = 6327

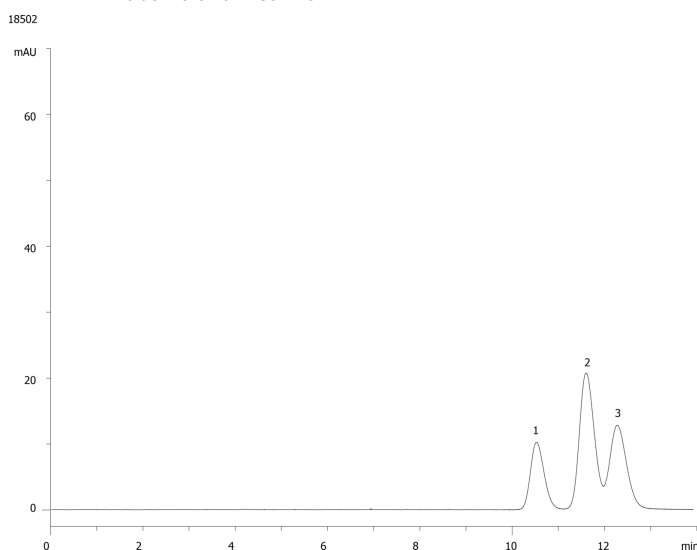
Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, PFP 4 x 2.0mm ID, 10/Pk Part No.: AJ0-8326

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1 o-Methylacetophenone
Retention Time: 10.52 min
- 2 p-Methylacetophenone
Retention Time: 11.6 min
- 3 m-Methylacetophenone
Retention Time: 12.27 min

