

# HPLC Application

ID No.: 18195

## Prodigy Test Mix on Luna 3 $\mu$ m C18(2) 50 x 4.6mm ID

**Column:** Luna<sup>®</sup> 3  $\mu$ m C18(2) 100 Å, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4251-E0

**Elution Type:** Isocratic

**Eluent A:** water

**Eluent B:** acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	35	65

**Flow Rate:** 2.2 mL/min

**Col. Temp.:** 25 °C

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

**Detector Info:** Agilent 1200SL RRLC. Naphthalene N =8984, Asym = 0.84

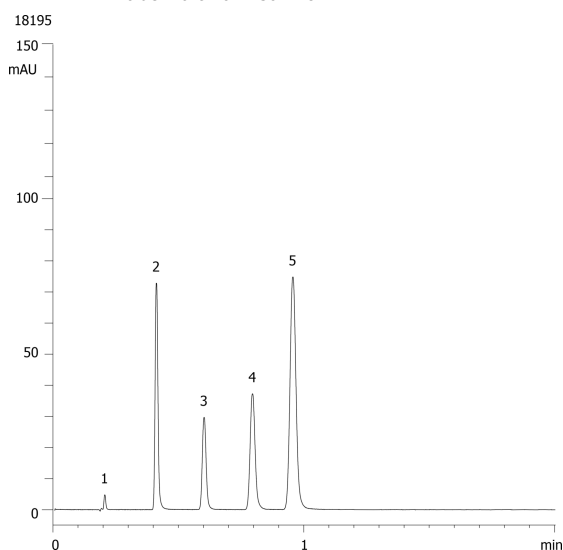
**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1** Uracil  
Retention Time: 0.207 min
- 2** Acetophenone  
Retention Time: 0.412 min
- 3** Benzene  
Retention Time: 0.602 min
- 4** Toluene  
Retention Time: 0.795 min
- 5** Naphthalene  
Retention Time: 0.956 min

