

# HPLC Application

ID No.: 18538

## Column Test Mix on Luna 3 µm C18(2) 150 x 4.6 mm

**Column:** Luna® 3 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

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

**Elution Type:** Isocratic

**Eluent A:** Acetonitrile

**Eluent B:** Water

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

**Flow Rate:** 0.75 mL/min

**Col. Temp.:** ambient

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

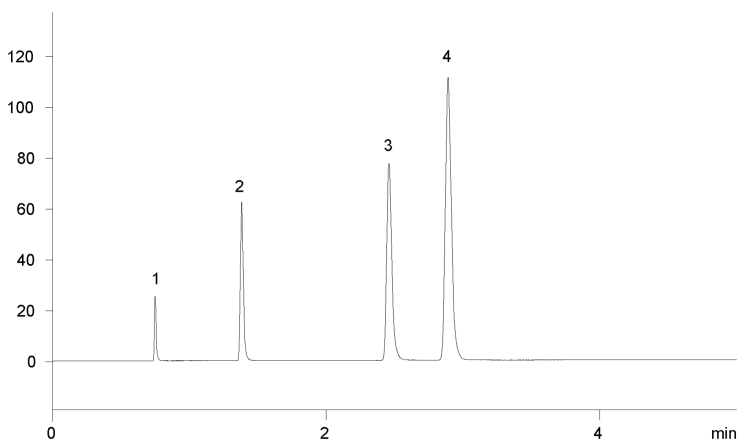
**Detector Info:** S/N 485109-3  
BP 1436 psi; N = 142,513 p/m

**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.  
- SecurityGuard Cartridges, C18 4 x 3.0mm ID, 10/Pk Part No.: AJ0-4287  
- Holder Part No.: KJ0-4282

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Products used in this application:



### ANALYTES:

- 1** Uracil  
Retention Time: 1.82 min
- 2** Acetophenone  
Retention Time: 3.84 min
- 3** Toluene  
Retention Time: 7.4 min
- 4** Naphthalene  
Retention Time: 8.96 min