

## Luna 5um C18(2) - HST Comparison

**Column:** Luna® 5 µm 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          | 90    | 10    |
|                   | 2        | 1          | 90    | 10    |
|                   | 3        | 25         | 5     | 95    |
|                   | 4        | 35         | 5     | 95    |
|                   | 5        | 35.1       | 90    | 10    |

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 60 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 270 nm (ambient)

**Detector Info:** mixture of 9 ketones (C3 -C16)  
HP1100

9.9 minute column re-equilibration

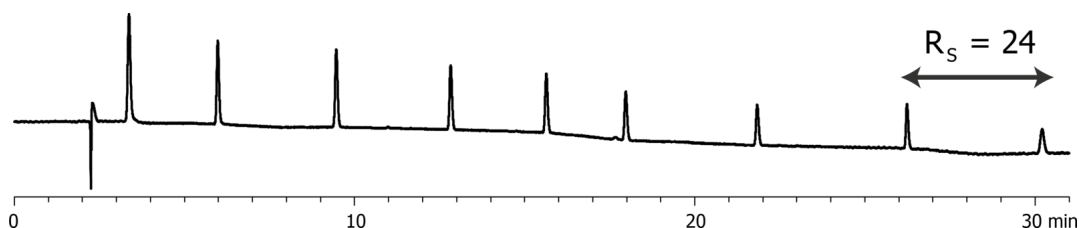
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- 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 Acetone
- 2 2-Butanone
- 3 2-Pentanone
- 4 2-Hexanone
- 5 2-Heptanone
- 6 2-Octanone
- 7 2-Decanone
- 8 2-Tridecanone
- 9 2-Hexadecanone

