

## Luna 2.5um C18(2)-HST - Increasing Speed with No Loss in Resolution

**Column:** Luna® 2.5 µm C18(2) 100 Å, LC Column 100 x 2 mm, Ea

**Dimensions:** 100 x 2 mm ID

**Order No:** 00D-4446-B0

**Elution Type:** Gradient

**Eluent A:** Water

**Eluent B:** Acetonitrile

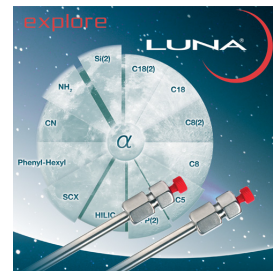
| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 90    | 10    |
|                   | 2        | 0.5        | 90    | 10    |
|                   | 3        | 9          | 5     | 95    |
|                   | 4        | 10         | 5     | 95    |
|                   | 5        | 10.1       | 90    | 10    |

**Flow Rate:** 0.65 mL/min

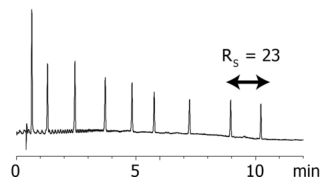
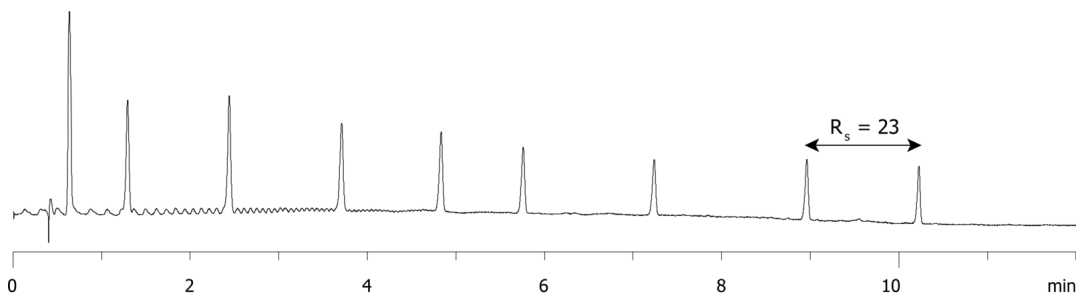
**Col. Temp.:** ambient

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

**Detector Info:** mixture of 9 ketones (C3 -C16)  
Jasco X-LC (100 Hz sampling rate)  
1.99 min equilibration time



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

