

# HPLC Application

ID No.: 16274

## Luna 3um C18(2) - HST Comparison

**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:** 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	15	5	95
	4	22	5	95
	5	22.1	90	10

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 60 °C

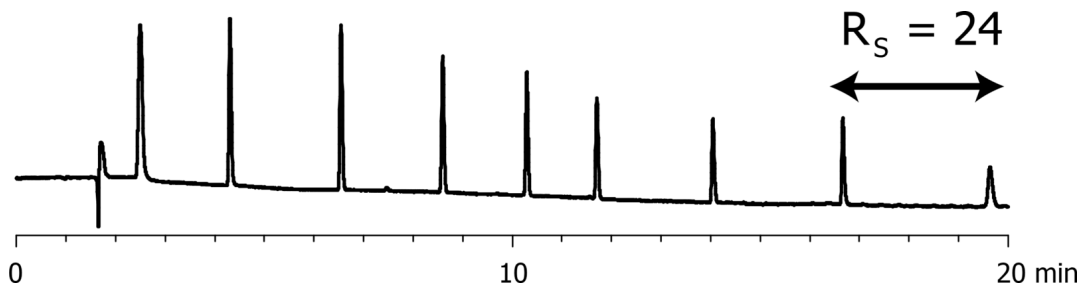
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 270 nm (ambient)

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

**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

