

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

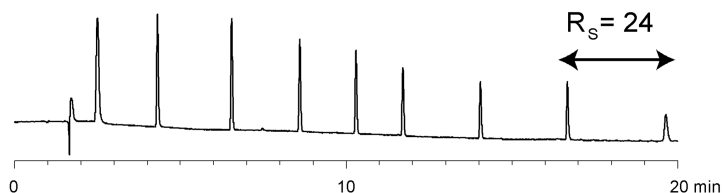
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 270 nm (ambient)

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 (MEK)
- 3 2-Pentanone
- 4 2-Hexanone
- 5 2-Heptanone
- 6 2-Octanone
- 7 2-Decanone
- 8 2-Tridecanone
- 9 2-Hexadecanone

