

HPLC Application

ID No.: 16366

Luna 2.5 μ m C18(2) 3 mm ID Ketone mix with SecurityGuard

Column: Luna[®] 2.5 μ m C18(2) 100 Å, LC Column 50 x 3 mm, Ea

Dimensions: 50 x 3 mm ID

Order No: 00B-4446-Y0

Elution Type: Gradient

Eluent A: Water

Eluent B: Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| | 1 | 0.3 | 90 | 10 |
| | 2 | 2.5 | 95 | 5 |
| | 3 | 3.5 | 95 | 5 |
| | 4 | 3.6 | 90 | 10 |
| | 5 | 4.5 | 90 | 10 |

Flow Rate: 2 mL/min

Col. Temp.: ambient

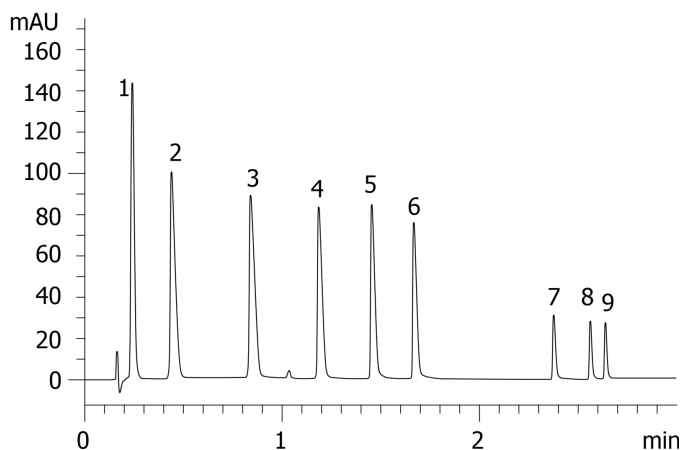
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 270 nm (35 °C)

Detector Info: Run with 2 x 4.0 mm SecGrd column

16366



Products used in this application:



ANALYTES:

- 1** Acetone
Retention Time: 0.24 min
- 2** 2-Butanone
Retention Time: 0.44 min
- 3** 2-Pentanone
Retention Time: 0.841 min
- 4** 2-Hexanone
Retention Time: 1.186 min
- 5** 2-Heptanone
Retention Time: 1.455 min
- 6** 2-Octanone
Retention Time: 1.668 min
- 7** 2-Tridecanone
Retention Time: 2.376 min
- 8** 2-Pentadecanone
Retention Time: 2.562 min
- 9** 2-Hexadecanone
Retention Time: 2.638 min

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www.phenomenex.com

support@phenomenex.com