

HPLC Application

ID No.: 15646

Phenols on Luna 5µm C8(2) - Onyx Comparison

Column: Luna® 5 µm C8(2) 100 Å, LC Column 100 x 4.6 mm, Ea

Dimensions: 100 x 4.6 mm ID

Order No: 00D-4249-E0

Elution Type: Gradient

Eluent A: 0.1% Phosphoric acid

Eluent B: Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| | 1 | 0 | 70 | 30 |
| | 2 | 4 | 20 | 80 |

Flow Rate: 2 mL/min

Col. Temp.: ambient

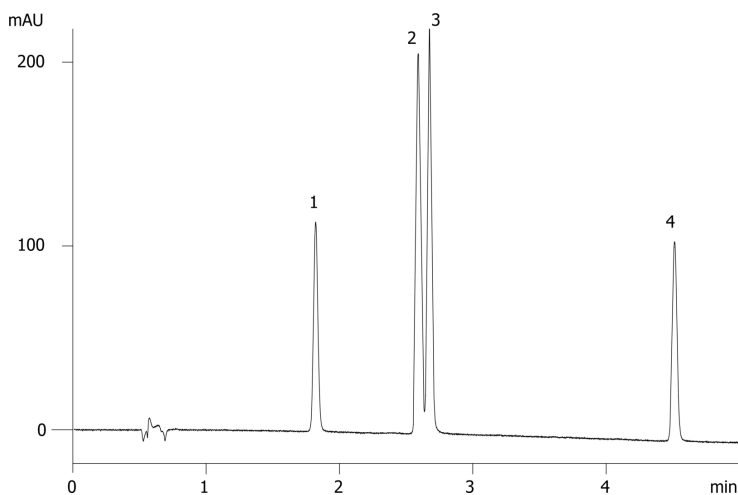
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

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

- SecurityGuard Cartridges, C8 4 x 3.0mm, 10/Pk Part No.: AJ0-4290

- Holder Part No.: KJ0-4282

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ANALYTES:

- 1** Phenol
Retention Time: 1.821 min
- 2** 2,4-Dinitrophenol
Retention Time: 2.591 min
- 3** 3,4-Dinitrophenol
Retention Time: 2.676 min
- 4** Pentachlorophenol
Retention Time: 4.514 min



Products used in this application:

