

HPLC Application

ID No.: 15474

Phenols on Onyx C18 - Flow Gradient

Column: Onyx[™] Monolithic C18, LC Column 100 x 4.6 mm, Ea

Dimensions: 100 x 4.6 mm ID

Order No: CH0-7643

Elution Type: Gradient

Eluent A: 0.1% H₃PO₄ in Water

Eluent B: Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| | 1 | 0 | 65 | 35 |
| | 2 | 1.8 | 54 | 46 |
| | 3 | 2.2 | 20 | 80 |
| | 4 | 3 | 20 | 80 |

Flow Rate: 3 mL/min

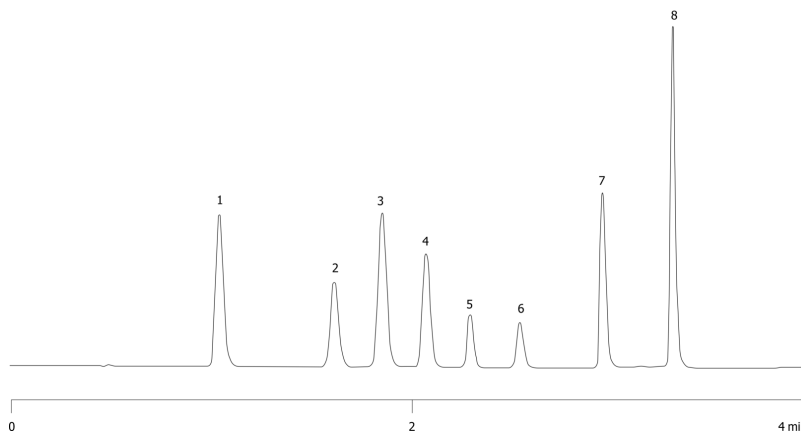
Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 250 nm (25 °C)

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Products used in this application:



ANALYTES:

- 1 Phenol
- 2 2-Chlorophenol
- 3 2-Nitrophenol
- 4 2,4-Dinitrophenol
- 5 4-Chloro-3-methylphenol
- 6 2,4-Dinitro-6-methylphenol
- 7 2,4,6-Trichlorophenol
- 8 Pentachlorophenol

