

## Hydrophobicity Comparison

**Column:** Prodigy™ 3 µm ODS-3 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4222-E0

**Elution Type:** Isocratic

**Eluent A:** Water

**Eluent B:** Acetonitrile

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

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

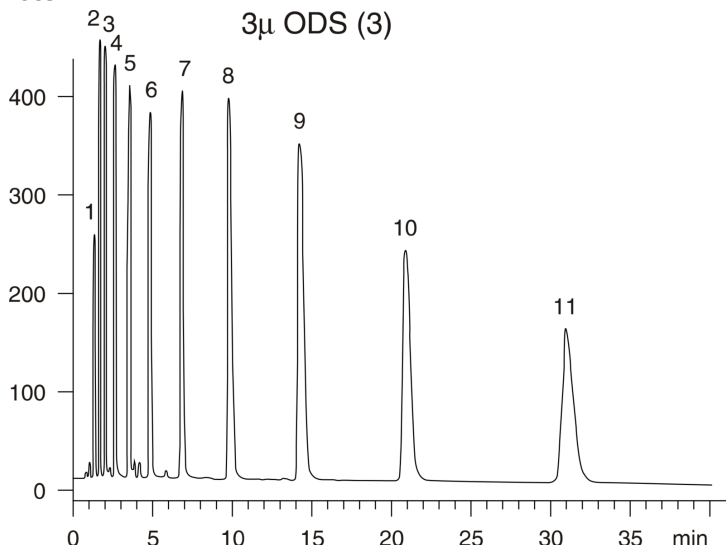
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

**Analyst Note:** Homologous series of Alkylbenzenes, from benzene to decylbenzene



Products used in this application:

**Prodigy™**



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### ANALYTES:

- 1** Benzene
- 2** Toluene
- 3** Ethylbenzene
- 4** Propylbenzene
- 5** Butylbenzene
- 6** Pentylbenzene
- 7** Hexylbenzene
- 8** Heptylbenzene
- 9** Octylbenzene
- 10** Nonylbenzene
- 11** Decylbenzene

