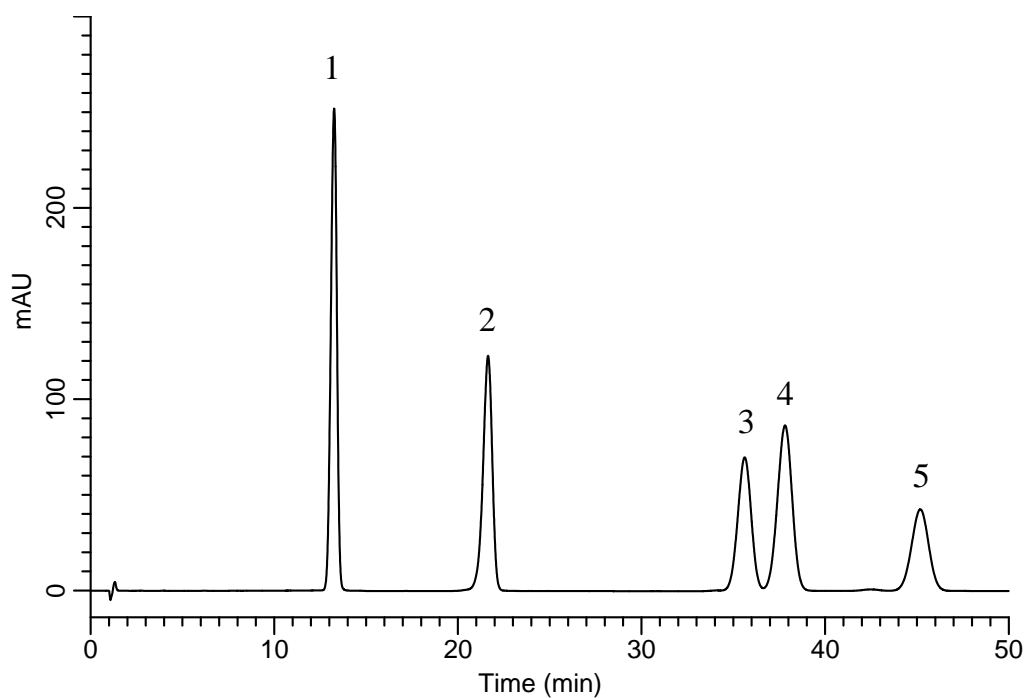


InertSearch™ for LC

Inertsil® Applications

Analysis of 5 kinds of Aldehydes (Directed by Pre-Column Method with DNPH)

Data No. LA997-0894



Conditions

System : GL-7400 HPLC system
Column : InertSustain C18 HP
(3 μ m, 3.0 mm I.D. \times 150 mm)
Column Cat. No. : 5020-14425
Eluent : A) CH₃CN
B) H₂O
A/B = 35/65, v/v
Flow Rate : 0.6 mL/min
Col. Temp. : 40 °C
Detection : UV 360 nm (GL-7452 PDA Detector)
Injection Vol. : 10 μ L
Sample : DNPH-Aldehyde 5 mix Standard Solutions

Analyte:

| | |
|-------------------------|---------|
| 1. DNPH-Formaldehyde | 10 mg/L |
| 2. DNPH-Acetaldehyde | 10 mg/L |
| 3. DNPH-Acetone | 10 mg/L |
| 4. DNPH-Acrolein | 10 mg/L |
| 5. DNPH-Propionaldehyde | 10 mg/L |