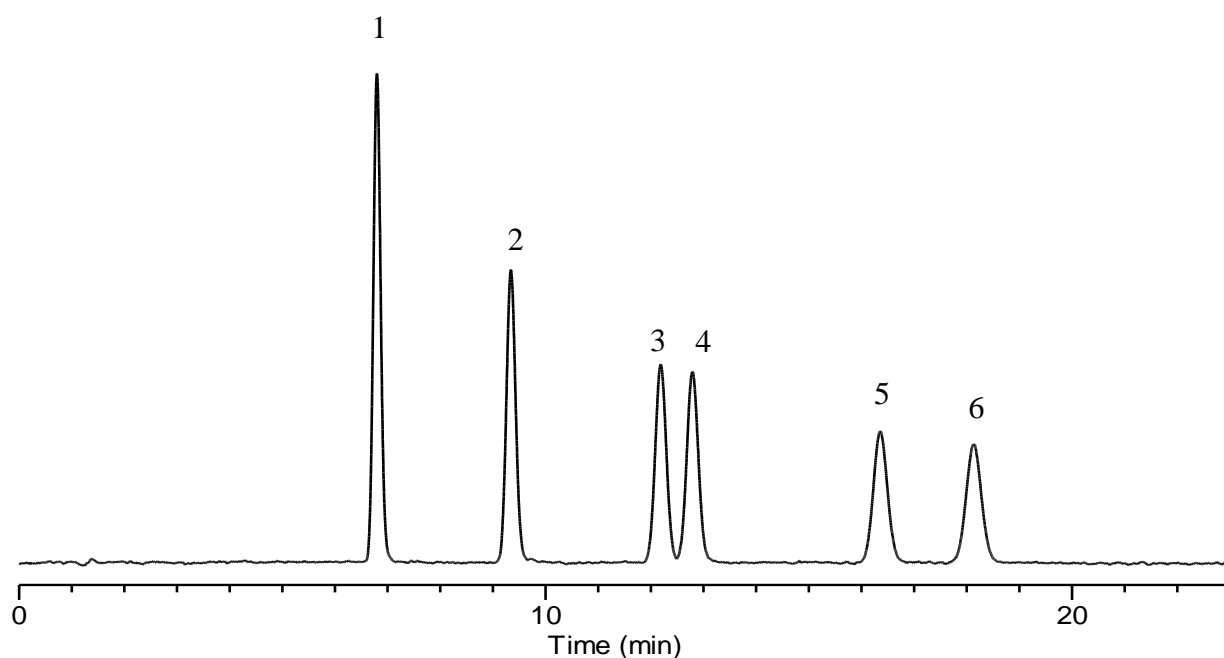


Analysis of 6 kinds of Aldehydes (Detected by Pre-Column Method with DNPH)



Conditions

System : Primaide HPLC system
Column : InertSustain C30 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-17145
Eluent : A) CH₃CN
 B) H₂O
 A/B = 60/40, v/v
Flow rate : 1.2 mL/min
Col. Temp. : 30 °C
Detection : UV 360 nm
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. DNPH-Acetaldehyde
 2. DNPH-Propionaldehyde
 3. DNPH-*iso*-Butyraldehyde
 4. DNPH-*n*-Butyraldehyde
 5. DNPH-*iso*-Valeraldehyde
 6. DNPH-*n*-Valeraldehyde
- Conc. 10 μ g/L each