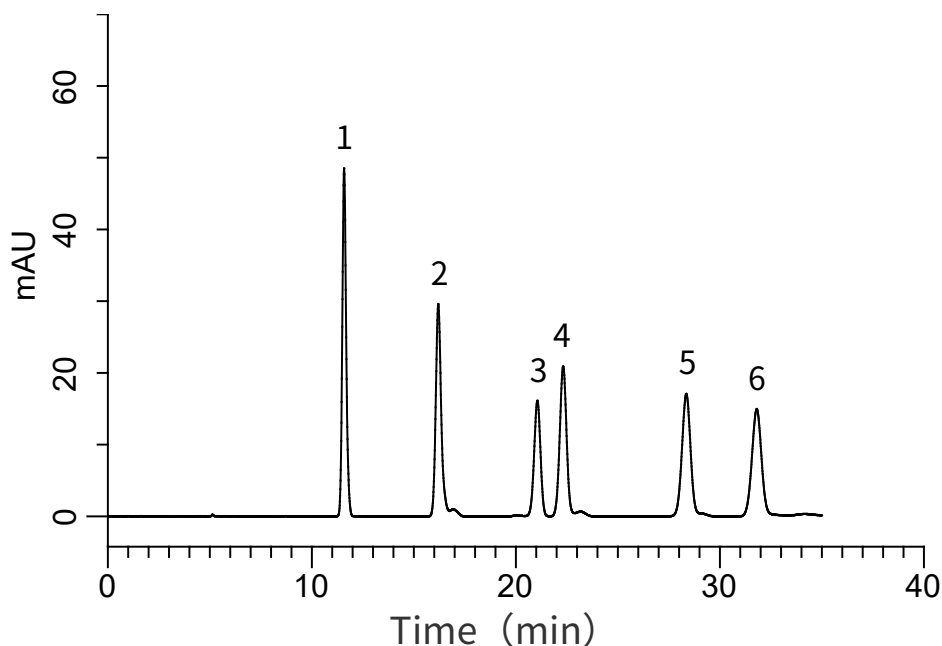


Analysis of DNPH-Aldehydes

Data No. LB454-0919



Conditions

System : GL7700 HPLC system
Column : Inertsil C30 S-Select
(5 µm, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-17037
Eluent : A) CH₃CN
B) H₂O
A/B = 60/40, v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 25 °C
Detection : UV 360 nm (PD7752 PDA Detector)
Injection Vol. : 10 µL
Sample : Standard

Analyte:

1. DNPH-Acetaldehyde
2. DNPH-Propionaldehyde
3. DNPH-*iso*-Butylaldehyde
4. DNPH-*n*-Butylaldehyde
5. DNPH-*iso*-Valeraldehyde
6. DNPH-*n*-Valeraldehyde
(10 mg/L each)