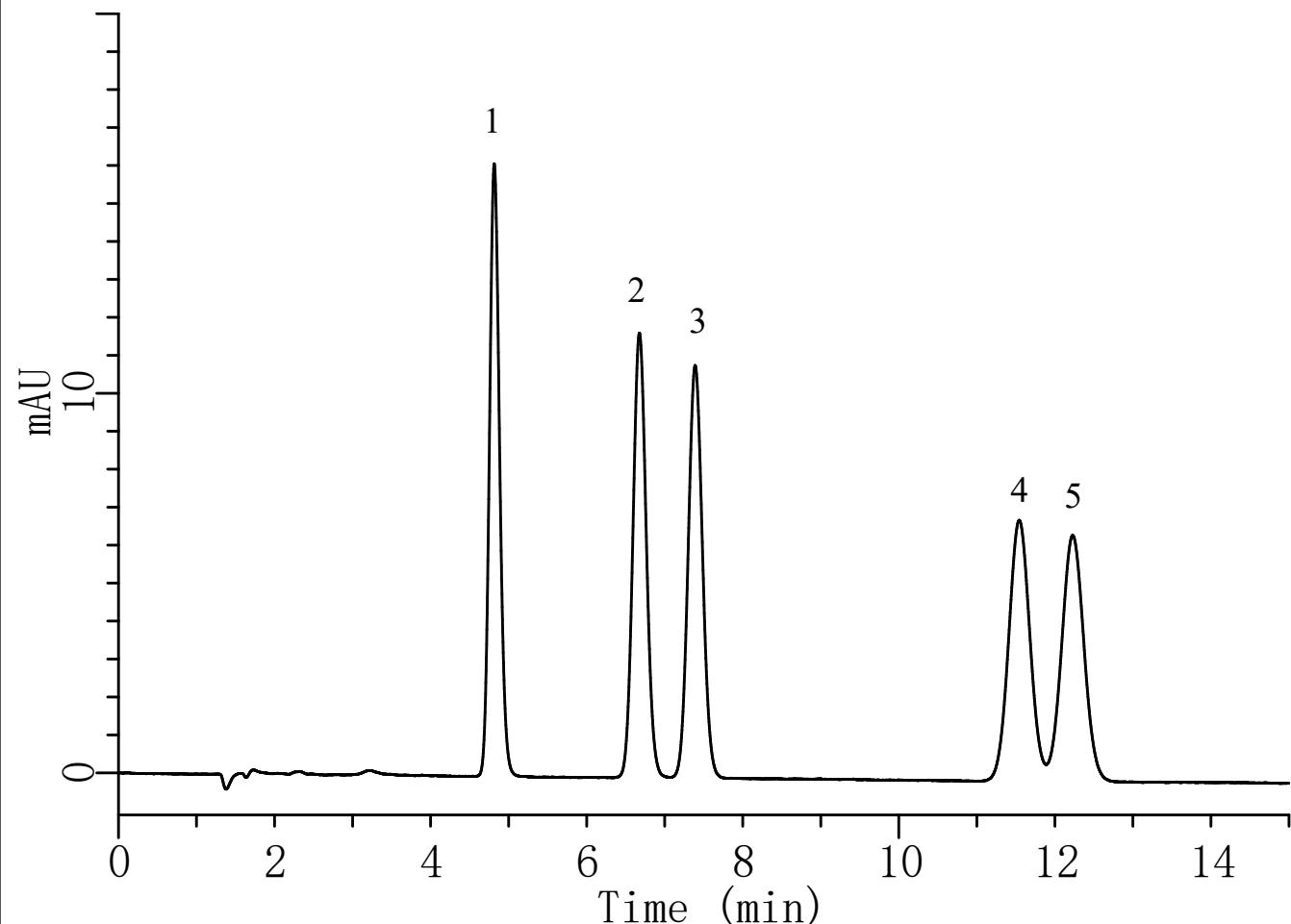


InertSearch™ for LC

Inertsil® Applications

Analysis of para-hydroxybenzoates

Data No. LA626-0696



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-3 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-01731
Eluent : A) CH₃OH
 B) Citric acid buffer
 (0.7 g/L Citric Acid Monohydrate,
 0.6 g/L Trisodium citrate dihydrate)
 A/B = 60/40, v/v (mixed by a gradient mixer)
Flow rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 270nm (GL-7450 UV Detector)
Injection Vol. : 20 μ L
Analyte : Para-hydroxy benzoic acid ester

Analyte:

1. Ethyl *p*-Hydroxybenzoate (2.0mg/L)
2. Isopropyl *p*-Hydroxybenzoate (2.0mg/L)
3. Propyl *p*-Hydroxybenzoate (2.0mg/L)
4. Isobutyl *p*-Hydroxybenzoate (2.0mg/L)
5. Butyl *p*-Hydroxybenzoate (2.0mg/L)