

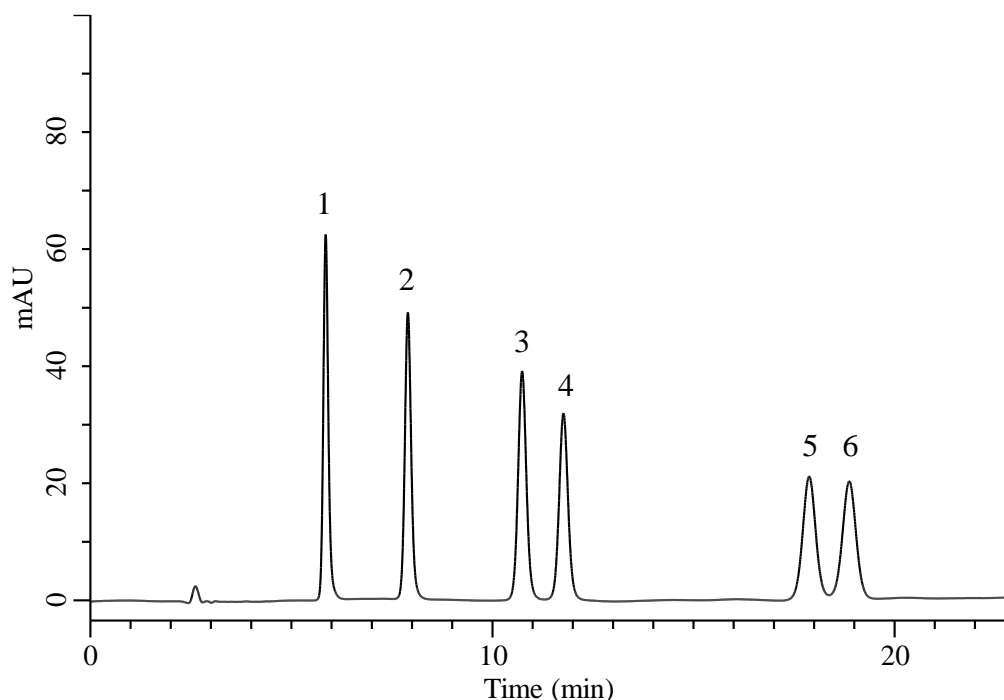
InertSearch™ for LC

Inertsil® Applications

Analysis of Paraoxybenzoic acid esters

(Under the Condition of food additive analysis method in food)

Data No. LB834-7111



Conditions

System : Chromaster HPLC system (HITACHI)
Column : InertSustain C18 (GL Sciences Inc.)
(5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-07346
Eluent : A) CH₃OH
B) 5 mol/L Citric acid in H₂O
A/B =60/40, v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 254 nm
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Methyl parahydroxybenzoate	10 μ g/mL
2. Ethyl parahydroxybenzoate	10 μ g/mL
3. Isopropyl parahydroxybenzoate	10 μ g/mL
4. Propyl parahydroxybenzoate	10 μ g/mL
5. Isobutyl parahydroxybenzoate	10 μ g/mL
6. Butyl parahydroxybenzoate	10 μ g/mL