

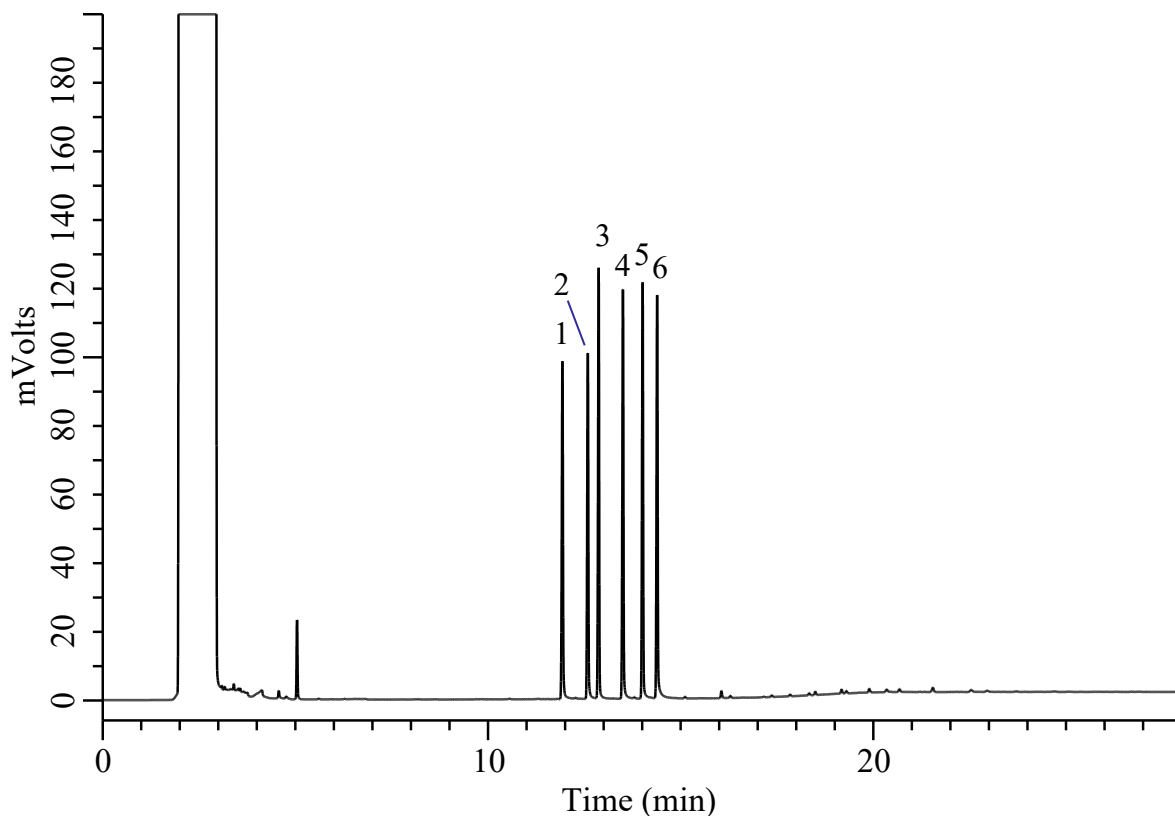
InertSearch for GC

InertCap Applications

Analysis of Paraoxybenzoic acid esters

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

Data No. GA348-7111



Conditions

System : GC-4000 Plus/FID
Column : InertCap 5 (GL Sciences Inc.)
0.25 mm I.D. x 30 m df = 0.25 μ m
Col. Cat. No. : 1010-18142
Col. Temp. : 40 °C (1 min) - 15 °C/min - 300 °C (10 min)
Carrier Gas : N₂ 90 kPa (1.2 mL/min) , Constant Press.
Injection : Splitless 1 min
280 °C
Detection : FID Auto Range
300 °C
Sample Size : 2 μ L

Analyte:

1. Methyl parahydroxybenzoate
2. Ethyl parahydroxybenzoate
3. Isopropyl parahydroxybenzoate
4. Propyl parahydroxybenzoate
5. Isobutyl parahydroxybenzoate
6. Butyl parahydroxybenzoate

10 μ g/mL each