

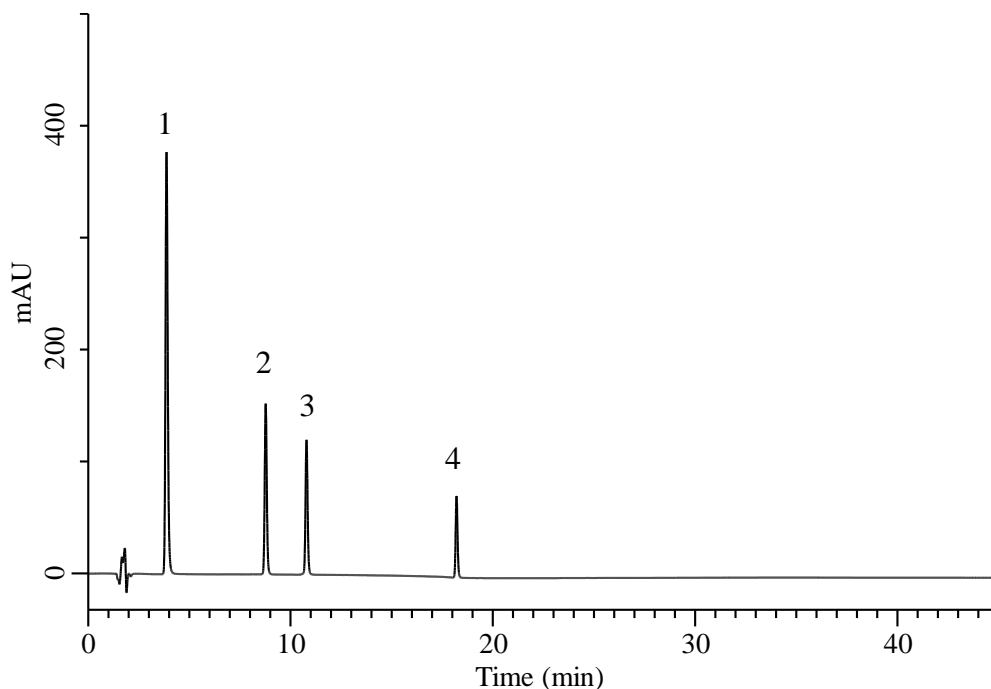
InertSearch™ for LC

Inertsil® Applications

Analysis of Nordihydroguaiaretic acid

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

Data No. LB832-7111



Conditions

System : Chromaster HPLC system (HITACHI)

Column : InertSustain C18 (GL Sciences Inc.)
(5 μ m, 150 x 4.6 mm I.D.)

Column Cat. No. : 5020-07345

Eluent : A) CH₃CN/ CH₃OH =1/1, v/v
B) 5% CH₃COOH in H₂O

Analyte:

1. Propyl gallate 100 μ g/mL
2. Nordihydroguaiaretic acid 100 μ g/mL
3. Butylhydroxyanisole 100 μ g/mL
4. Dibutylhydroxytoluene 100 μ g/mL

Time (min)	A (vol%)	B (vol%)
0.0	40	60
15.0	90	10
45.0	90	10

Flow Rate : 1.0 mL/min

Col. Temp. : 40 °C

Detection : UV 280 nm

Injection Vol. : 10 μ L

Sample : Standard