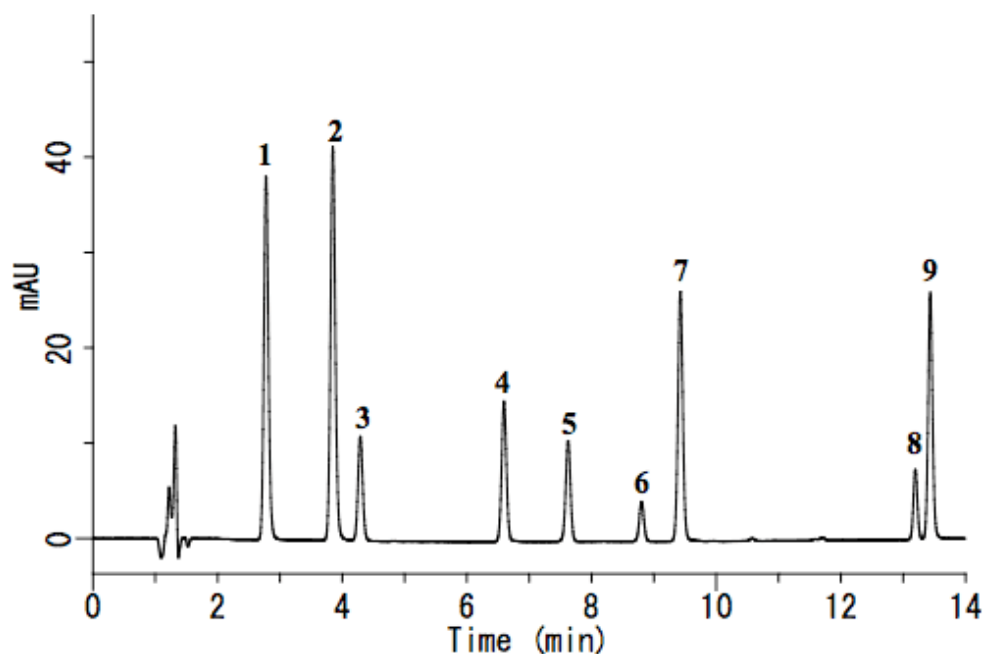


Analysis of phenolic antioxidants

Data No. LA526-0696



System : GL-7400 system
Column : Inertsil ODS-SP (5 μ m, 150 \times 4.6 mm I.D.)
Column Cat. No. :
Eluent : A) CH₃CN
 B) CH₃OH
 C) 5% CH₃COOH
 A/B/C = 20/20/60 - 15 min - 50/50/0, v/v/v
Flow rate : 1.5 mL/min
Col. Temp. : 40 $^{\circ}$ C
Detection : UV 280 nm (GL-7452A PDA detector)
Injection Vol. : 10 μ L
Sample : phenolic antioxidants

Solutes : 1. Propyl gallate(PG) (10 mg/L)
 2. 2, 4, 5-Trihydroxybutyrophenone(THBP) (10 mg/L)
 3. tert-Butylhydroquinone(TBHQ) (10 mg/L)
 4. Nordihydroguaiaretic acid(NDGA) (10 mg/L)
 5. Butylated Hydroxyanisole(BHA) (10 mg/L)
 6. 4-Hydroxymethyl-2, 6-di-tert-butylphenol (HMBP) (10 mg/L)
 7. Octyl gallate(OG) (10 mg/L)
 8. Butylated hydroxytoluene(BHT) (10 mg/L)
 9. Dodecyl gallate(DG) (10 mg/L)