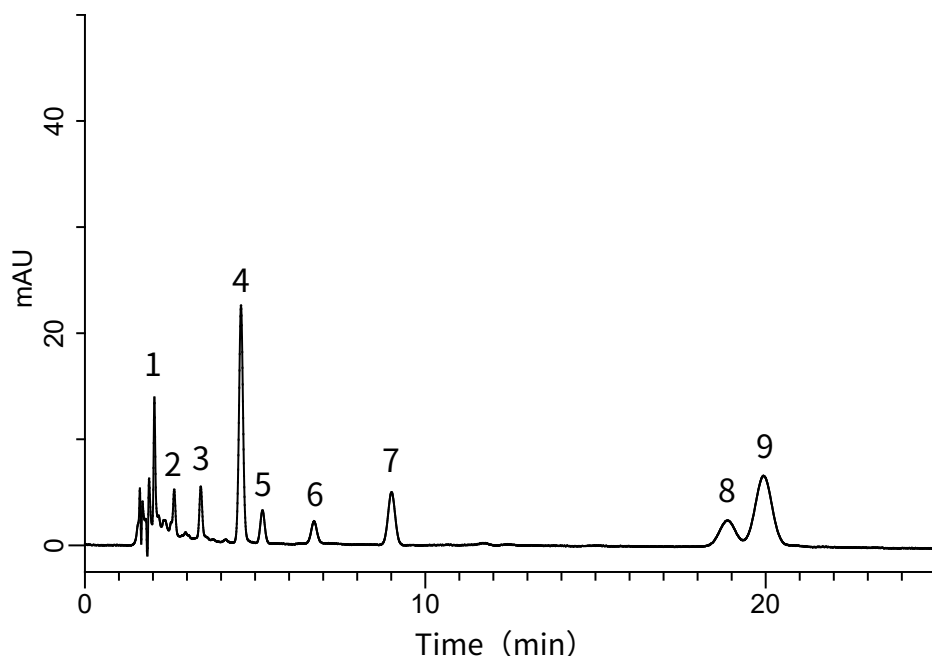


InertSearch™ for LC

Inertsil® Applications

Analysis of Fat-soluble Vitamins (Inertsil ODS-3)

Data No. LA878-0894



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-3 (5μm, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-01731
Eluent : A) CH₃OH
 : B) C₂H₅OH
 : A/B = 75/25, v/v
Flow rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 280 nm (GL-7452A PDA Detector)
Injection Vol. : 5 μL
Sample : Fat-soluble Vitamins

Solutes:

1. Vitamin K3	50 μg/mL
2. Vitamin A	50 μg/mL
3. Vitamin A acetate	50 μg/mL
4. Vitamin D3	50 μg/mL
5. Vitamin E	50 μg/mL
6. Vitamin E acetate	50 μg/mL
7. Vitamin K1	50 μg/mL
8. α-Carotene	50 μg/mL
9. β-Carotene	50 μg/mL