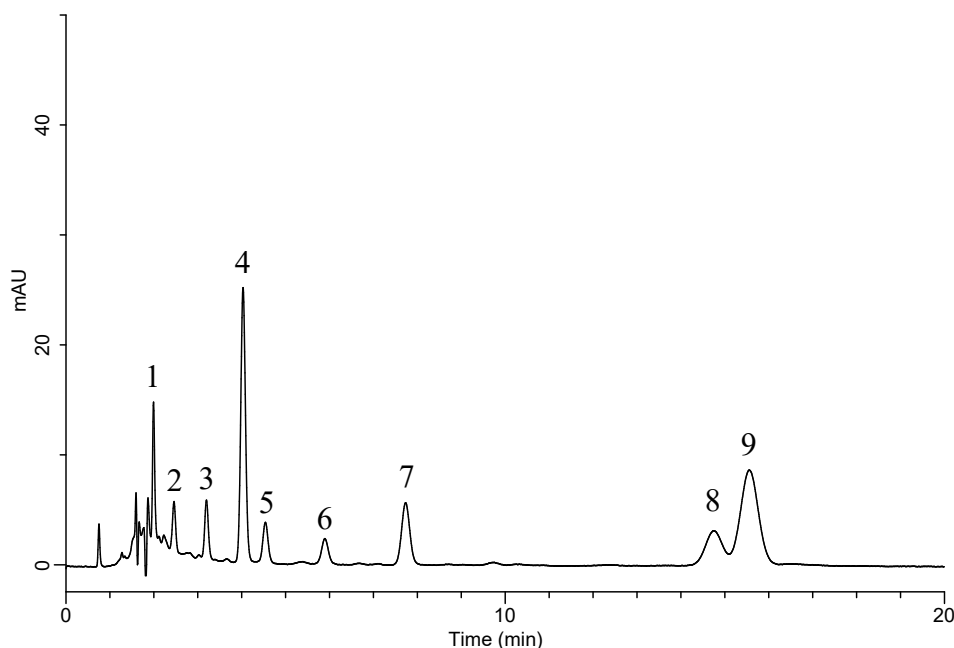


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Fat-soluble Vitamins (InertSustain C18)

Data No. LA893-0894



### Conditions

**System** : GL-7400 HPLC system  
**Column** : InertSustain C18 (5 $\mu$ m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-07345  
**Eluent** : A) CH<sub>3</sub>OH  
          : B) C<sub>2</sub>H<sub>5</sub>OH  
          : 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  $\mu$ L  
**Sample** : Fat-soluble Vitamins

### Analyte:

1. Vitamin K3	50 $\mu$ g/mL
2. Vitamin A	50 $\mu$ g/mL
3. Vitamin A acetate	50 $\mu$ g/mL
4. Vitamin D3	50 $\mu$ g/mL
5. Vitamin E	50 $\mu$ g/mL
6. Vitamin E acetate	50 $\mu$ g/mL
7. Vitamin K1	50 $\mu$ g/mL
8. $\alpha$ -Carotene	50 $\mu$ g/mL
9. $\beta$ -Carotene	50 $\mu$ g/mL