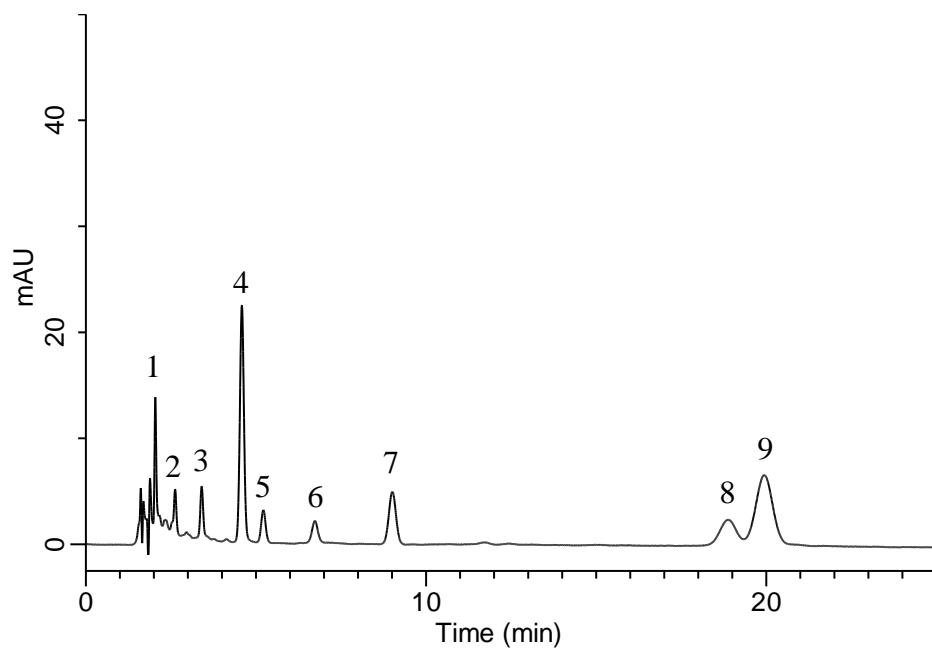


## Analysis of Fat-soluble Vitamins (Inertsil ODS-3)



### Conditions

**System** : GL-7400 HPLC system  
**Column** : Inertsil ODS-3 (5 $\mu$ m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-01731  
**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

### Solutes:

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