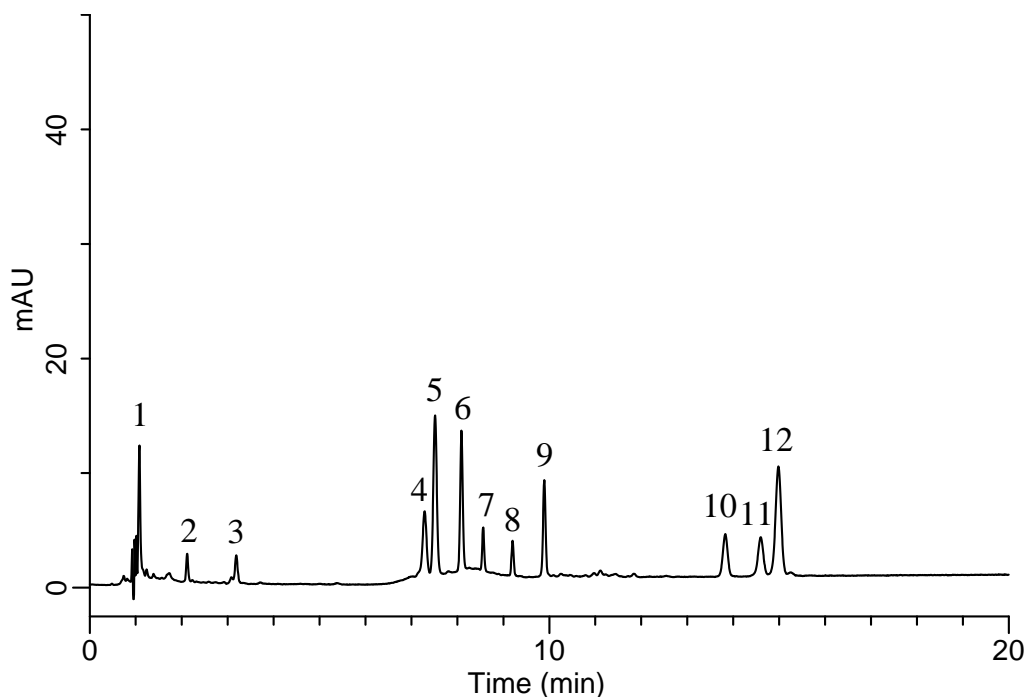


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Fat-soluble Vitamins (MonoClad C18-HS)

Data No. LA880-0894



### Conditions

**System** : GL-7400 HPLC system  
**Column** : MonoClad C18-HS (150 x 3 mm I.D.)  
**Column Cat. No.** : 5020-10803  
**Eluent** : A) CH<sub>3</sub>OH  
          : B) H<sub>2</sub>O  
          : A/B = 90/10 – 4 min – 90/10 – 6 min – 100/0 , v/v  
**Flow rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 280 nm (GL-7452A PDA Detector)  
**Injection Vol.** : 2 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 D2	50 µg/mL
5.	Vitamin D3	50 µg/mL
6.	Vitamin K2 (MK-4)	50 µg/mL
7.	Vitamin E	50 µg/mL
8.	Vitamin E acetate	50 µg/mL
9.	Vitamin K1	50 µg/mL
10.	Vitamin K2 (MK-7)	50 µg/mL
11.	α-Carotene	50 µg/mL
12.	β-Carotene	50 µg/mL