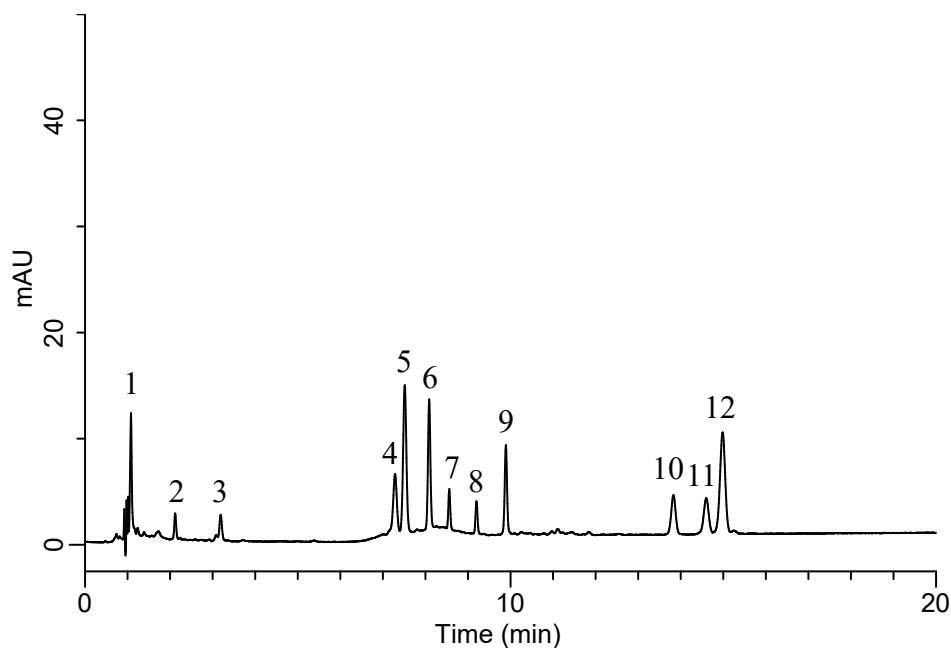


InertSearch™ for LC

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) CH₃OH
 : B) H₂O
 : 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