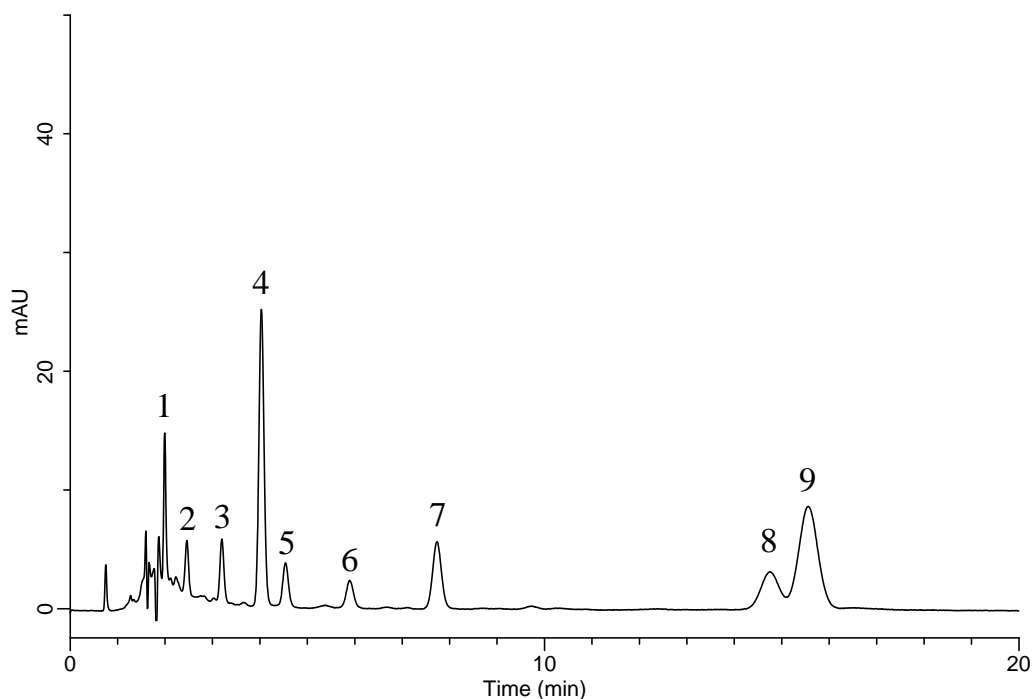


InertSearch™ for LC

Inertsil® Applications

Analysis of Fat-soluble Vitamins (InertSustain C18)

Data No. LA893-0894



Conditions

System : GL-7400 HPLC system
Column : InertSustain C18 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-07345
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 μ L
Sample : Fat-soluble Vitamins

Analyte:

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