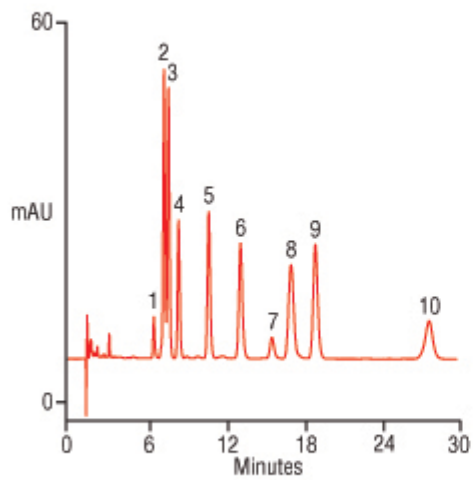


Separation of Fat-Soluble Vitamins



Column: Acclaim® Phenyl-1, 3 μ m
Dimension: 3.0 $\times$ 150 mm
Mobile Phase: Methanol/water v/v 90/10
Temperature: 30 °C
Flow Rate: 0.5 mL/min
Inj. Volume: 2 μ L
Detection: UV at 220 nm

Peaks: (100 ppm each)
1. Retinol acetate (Vitamin A acetate)
2. Vitamin D₂
3. Vitamin D₃
4. δ -Tocopherol
5. γ -Tocopherol
6. α -Tocopherol (vitamin E)
7. Impurity (unknown)
8. Vitamin E acetate
9. Vitamin K₂
10. Vitamin K₁