

CoreFocus
Report
No. 410

GC

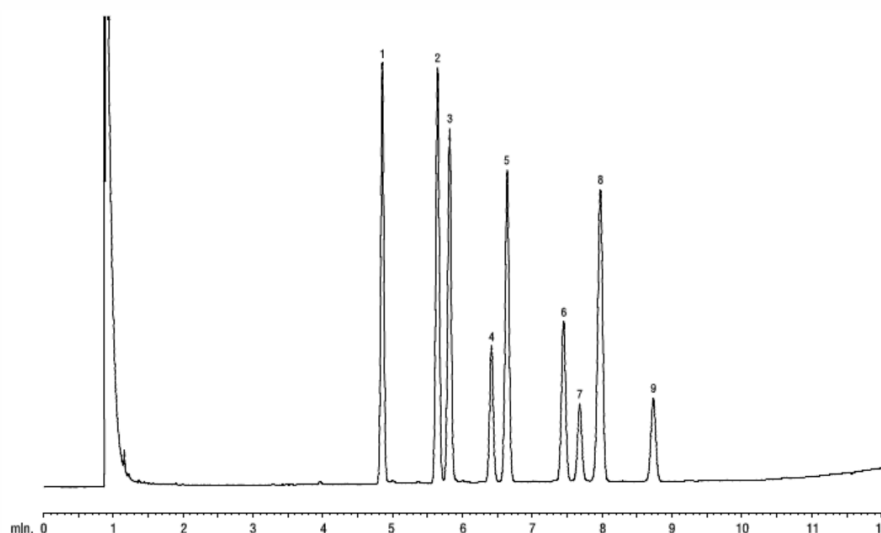
FID

SH Series

SH-20

Analysis of Tocopherols and Tocotrienols

Keywords: nutrition, food, vitamin E, antioxidant



1. δ -Tocopherol
 2. β -Tocopherol
 3. γ -Tocopherol
 4. dl- δ -Tocotrienol
 5. α -Tocopherol
 6. dl- β -Tocotrienol
 7. dl- γ -Tocotrienol
 8. Hexadecyl hexadecanoate
 9. dl- α -Tocotrienol
- (1 mg/mL in Isooctane)

Instrument	: GC
Column	: SH-20 (30 m x 0.53 mmI.D. df = 0.50 μ m), P/N: 227-36142-01
Column Temp.	: 270 $^{\circ}$ C - 2 $^{\circ}$ C/min - 290 $^{\circ}$ C - 10 $^{\circ}$ C/min - 320 $^{\circ}$ C (1 min)
Carrier Gas	: H ₂ , constant flow rate 5.2 mL/min
Inj. Temp.	: 320 $^{\circ}$ C
Detector	: FID, 320 $^{\circ}$ C
Inj. Vol	: 1 μ L
Split Ratio	: 1:20

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