

Tocopherol Mixture Separation

ACE[®]
Ultra-inert
UHPLC & HPLC Columns

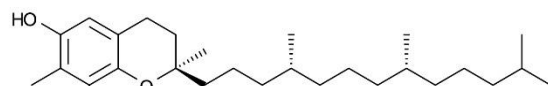
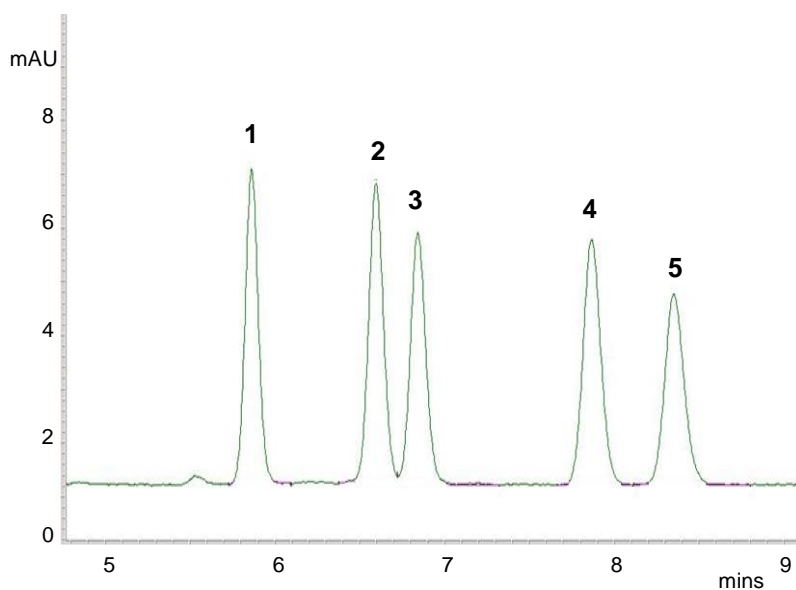
Application #AN3390

Conditions

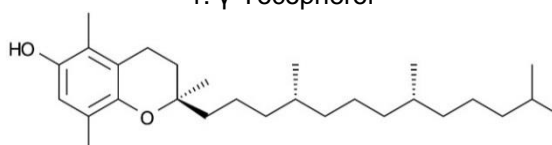
Column: ACE Excel 3 C18-PFP
Dimensions: 150 x 4.6 mm
Part Number: EXL-1110-1546U
Mobile Phase: A: 0.1% H₃PO₄/MeCN (1:3 v/v)
B: MeCN

Flow Rate: 1.2 mL/min
Injection: 10 µL
Temperature: 40 °C
Detection: UV, 285 nm

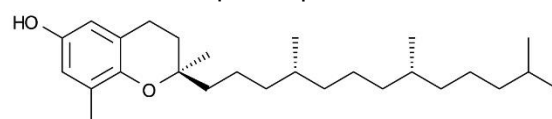
Time (mins)	%B
0.00	0
0.10	0
0.11	80
8.00	80
8.01	100
12.00	100
12.01	0
14.00	0



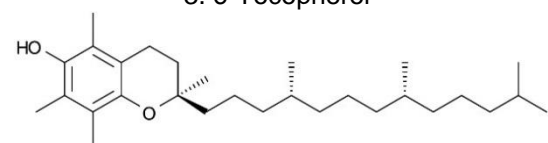
1. γ-Tocopherol



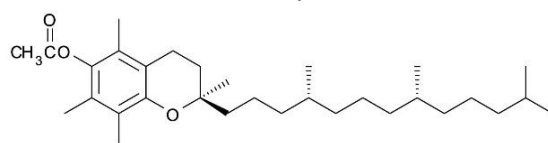
2. β-Tocopherol



3. δ-Tocopherol



4. α-Tocopherol



5. α-Tocopherol acetate

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