

Caffeoylquinic and Dicafeoylquinic Acids

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Ultra-inert
UHPLC & HPLC Columns

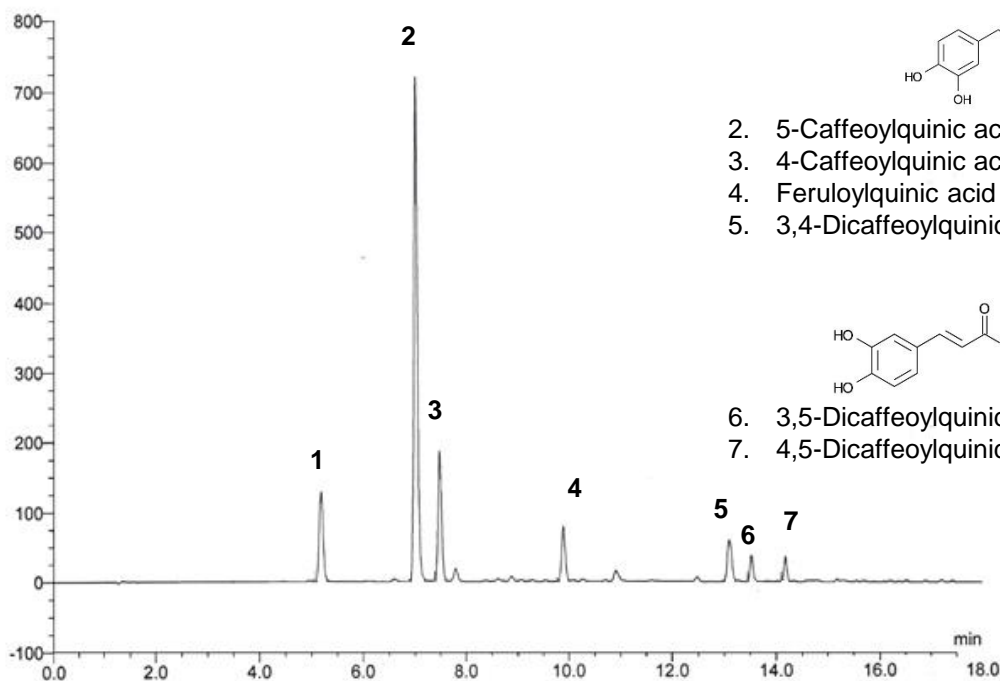
Application #AN3520

Conditions

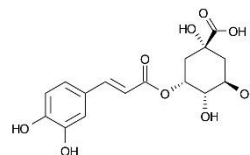
Column: ACE UltraCore 2.5 SuperC18
Dimensions: 100 x 4.6 mm
Part Number: CORE-25A-1046U
Mobile Phase: A: 0.2% phosphoric acid in H₂O
B: MeCN

Time (mins)	%B
0	5
1	5
9	18
14	28
15	70

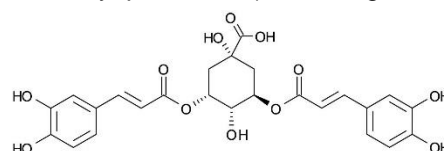
Flow Rate: 0.8 mL/min
Temperature: 35 °C
Detection: UV-Vis, 327 nm



1. 3-Caffeoylquinic acid (chlorogenic acid)



2. 5-Caffeoylquinic acid (neochlorogenic acid)
3. 4-Caffeoylquinic acid (cryptochlorogenic acid)
4. Feruloylquinic acid
5. 3,4-Dicafeoylquinic acid (isochlorogenic acid B)



6. 3,5-Dicafeoylquinic acid (isochlorogenic acid A)
7. 4,5-Dicafeoylquinic acid (isochlorogenic acid C)

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Columns

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