Caffeoylquinic and Dicaffeoylquinic Acids

ACE® Ultra-inert UHPLC & HPLC Columns

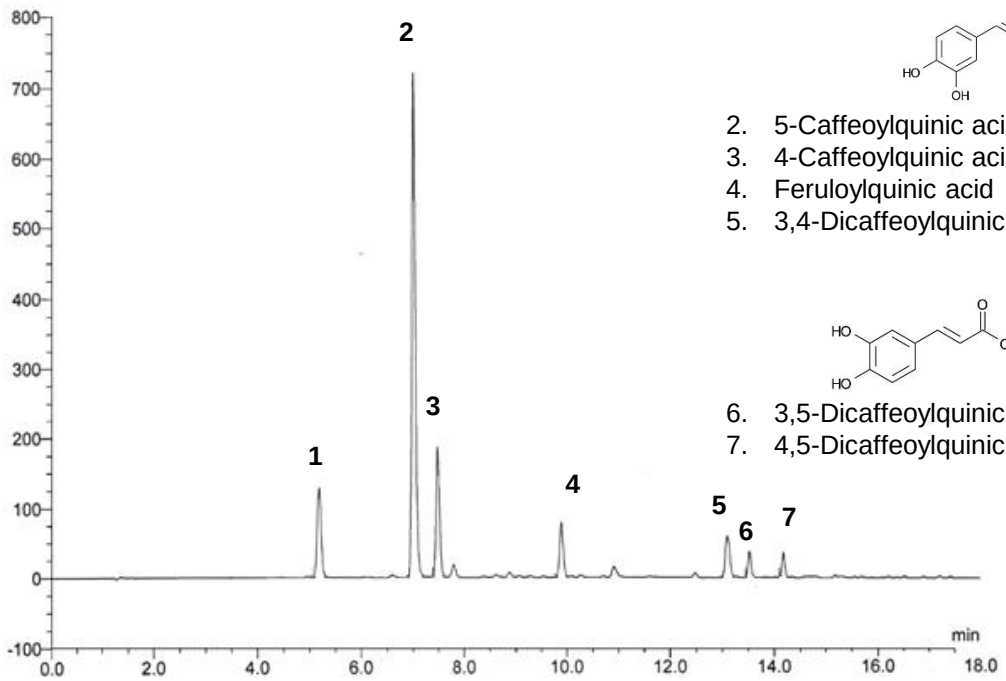
Application #AN3520

Conditions

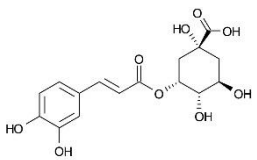
Column:	ACE UltraCore 2.5 SuperC18
Dimensions:	100 x 4.6 mm
Part Number:	CORE-25A-1046U
Mobile Phase:	A: 0.2% phosphoric acid in H_2O B: MeCN

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

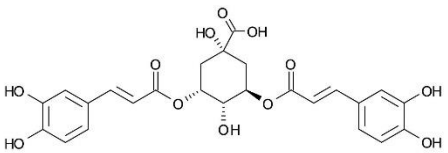
Flow Rate:	0.8 mL/min
Temperature:	35 °C
Detection:	UV-Vis, 327 nm



1. 3-Caffeoylquinic acid (chlorogenic acid)



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



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

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