Antioxidant Phenolic Acids

ACE®
Ultra-inert
UHPLC & HPLC Columns

Application #**AN4930**

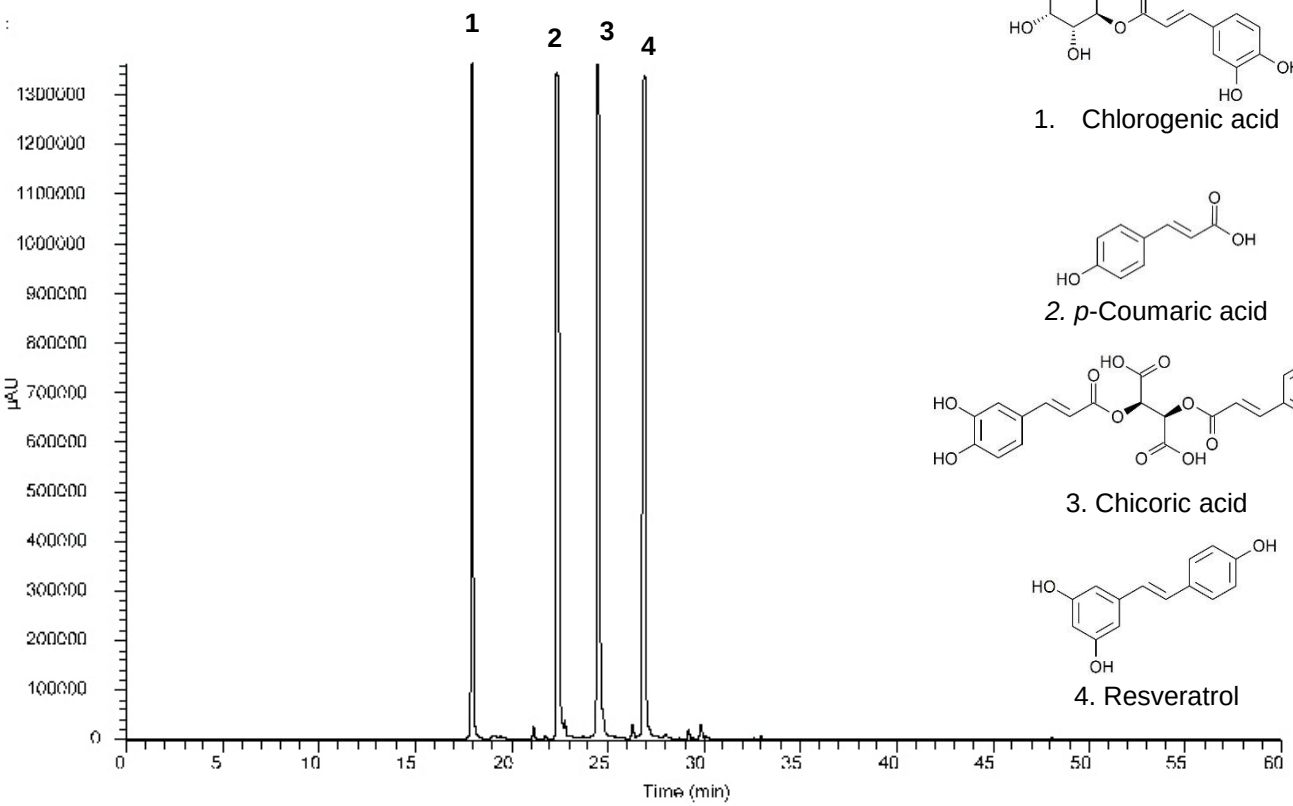
Conditions

Column:	ACE 5 C18
Dimensions:	250 x 4.6 mm
Part Number:	ACE-121-2546
Mobile Phase:	A: 0.1% TFA in H_2O
	B: 0.1% TFA in MeCN

Time (mins)	%B
0	0
5	0
15	20
30	50
45	100
55	0

Flow Rate:	1.00 mL/min
Injection:	10 µL
Temperature:	22 °C
Detection:	UV, 320 nm

Phenolic acid standards analysed by LC-UV. The method was applied to the analysis of antioxidant phenolic acids from vegetable wastes (leaves and stems).



1. Chlorogenic acid

2. p-Coumaric acid

3. Chicoric acid

4. Resveratrol

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