Liquorice Extracts Fingerprint

ACE®
Ultra-inert
UHPLC & HPLC Columns

Application #**AN2090**

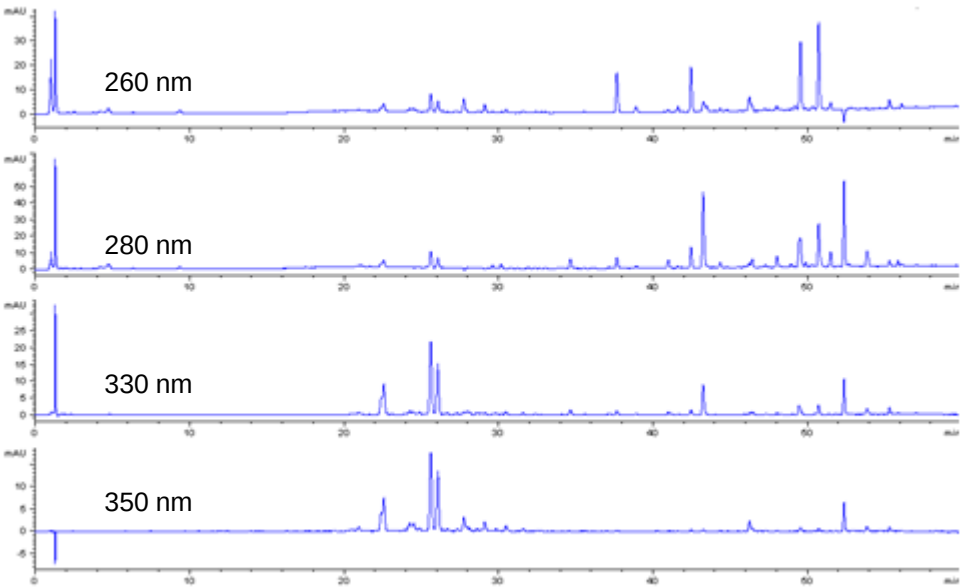
Conditions

Column:	ACE 3 C18-PFP
Dimensions:	150 x 2.1 mm
Part Number:	ACE-1110-1502
Mobile Phase:	A: Ammonium acetate in H_2O pH 4 B: MeOH

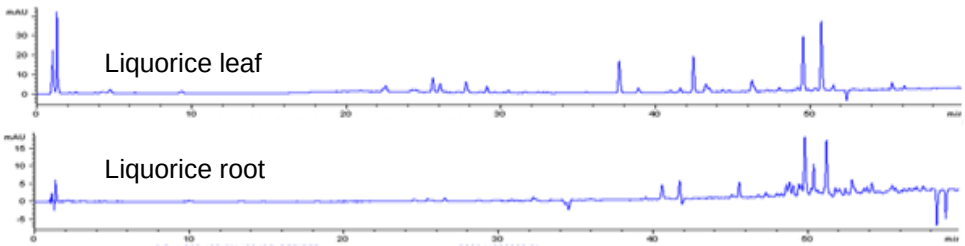
Time (mins)	%B
0	10
1	10
11	15
55	90
60	100

Flow Rate:	0.4 mL/min
Injection:	2 µL
Temperature:	40 °C
Detection:	UV, 260, 280, 330 and 350 nm
Sample:	Plant material ground to a fine powder in pestle and mortar. Powdered material extracted into methanol by ultrasonification for 30 minutes, followed by centrifugal filtration.

Methanolic liquorice leaf extract at different wavelengths



Comparison of methanolic extracts at 260 nm



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