Quantification of Caffeine in Coffee

ACE® Ultra-inert UHPLC & HPLC Columns

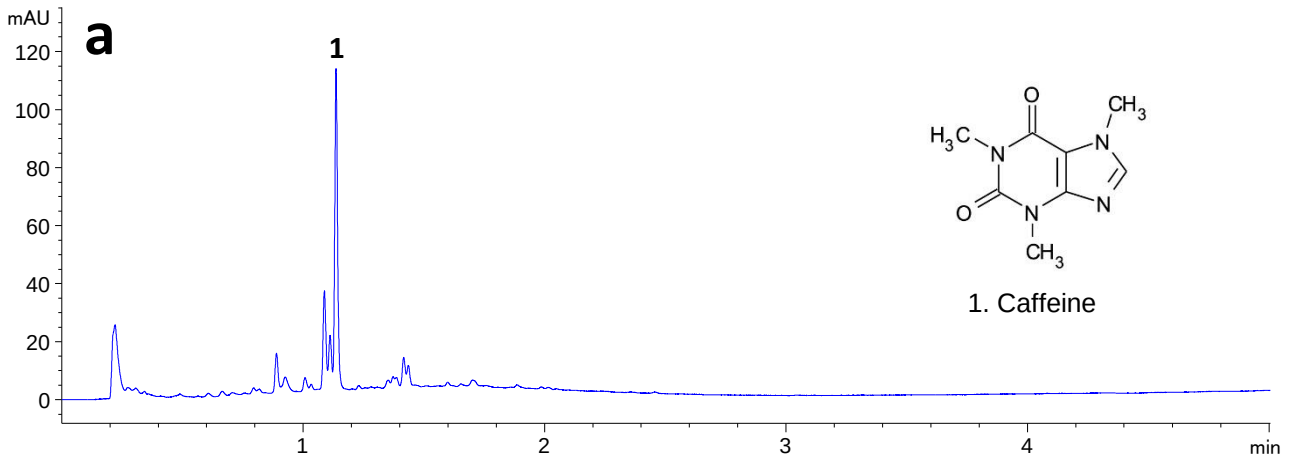
Application #**AN5030**

Conditions

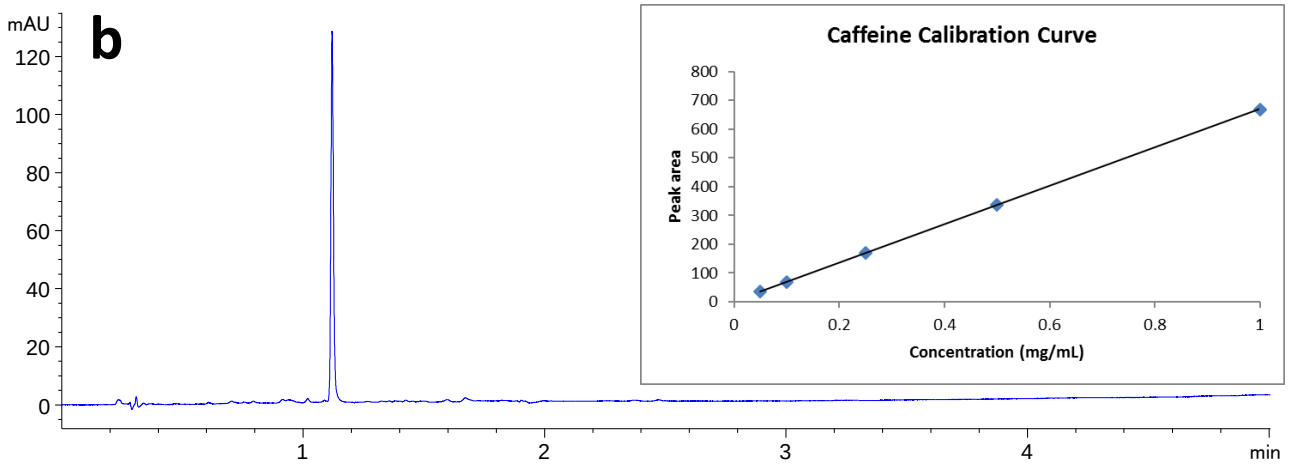
Column:	ACE Excel 2 SuperC18
Dimensions:	50 x 2.1 mm
Part Number:	EXL-1011-0502U
Mobile Phase:	A: 0.1% formic acid in H_2O
	B: 0.1% formic acid in MeCN

Time (mins)	%B
0.00	5
5.00	100
6.00	100
6.50	5

Flow Rate:	0.6 mL/min
Injection:	1 µL
Temperature:	40 °C
Detection:	UV, 254 nm
Sample:	a) Direct injection of coffee and b) DCM extract of coffee sample.



1. Caffeine



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