Coffee Metabolite Profiling by LC-MS

ACE®
Ultra-inert
UHPLC & HPLC Columns

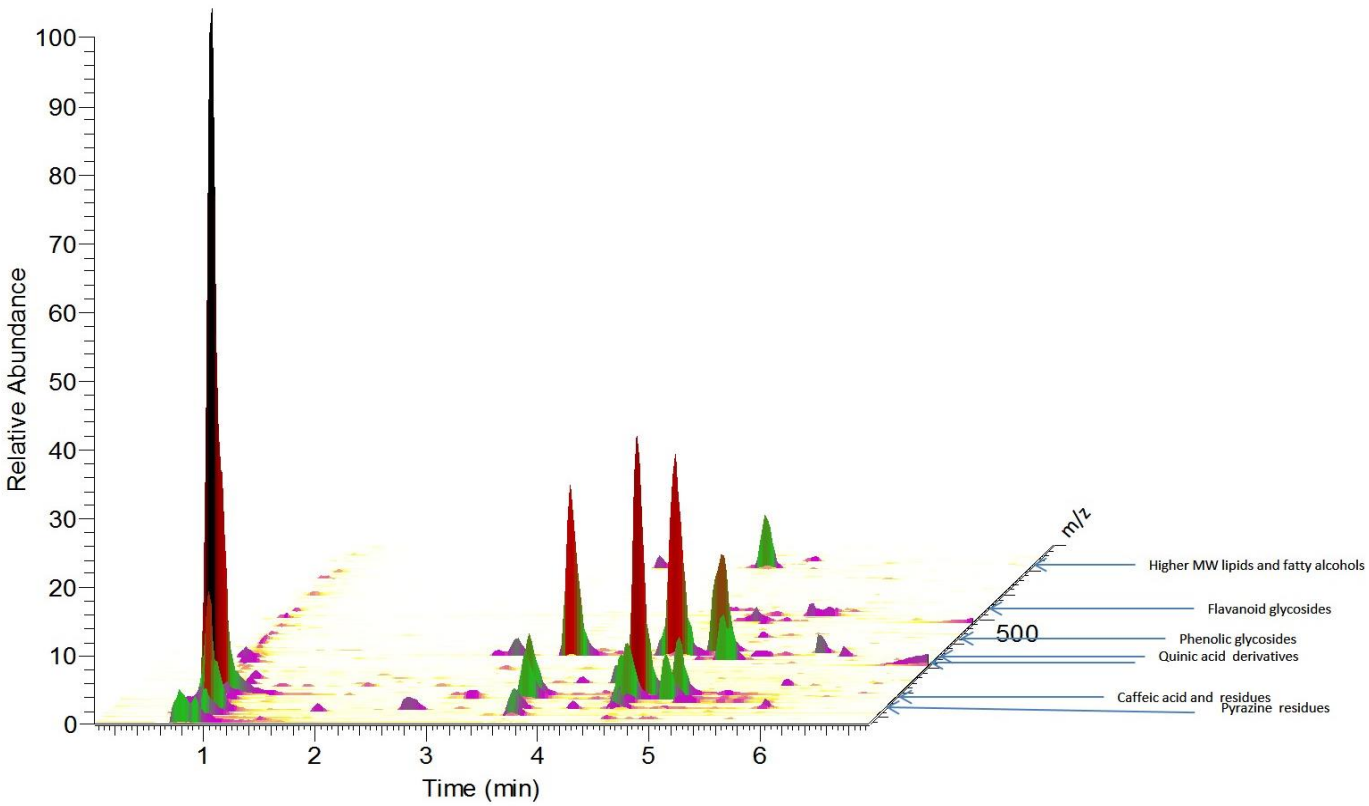
Application #AN2590

Conditions

Column:	ACE Excel 1.7 C18-Amide
Dimensions:	100 x 2.1 mm
Part Number:	EXL-1712-1002U
Mobile Phase:	A: 0.01% formic acid in H_2O B: 0.01% formic acid in MeCN

Time (mins)	%B
0.0	3
2.5	10
8.0	100
8.5	3
10.0	3

Flow Rate:	0.5 mL/min
Detection:	Exactive accurate mass MS system ESI in negative ion mode Analytes between *m/z* 70-800 monitored
Sample:	Metabolites from coffee extracted into cold water by vortexing for 20 mins. Samples filtered prior to injection onto column and modular Accela LC system



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