Green Tea Metabolite Profiling by LC-MS



Application #AN2580

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 H₂O

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

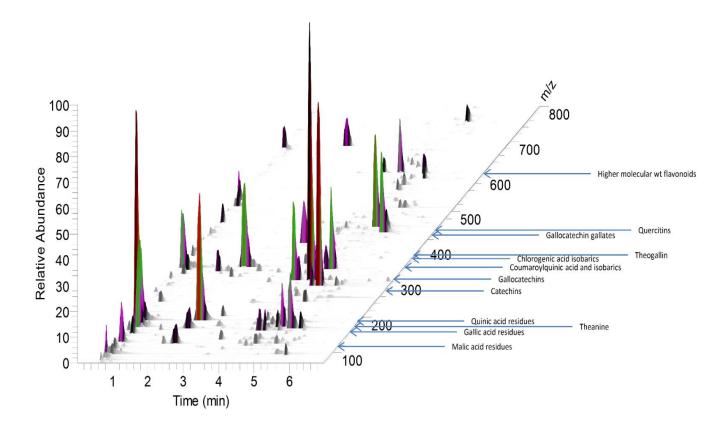
ESI in negative ion mode

Analytes between m/z 70-800 monitored

Sample: Metabolites from green tea 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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