

Pesticide Residue and Mycotoxins Analysis in Cannabis with the 1260/Ultivo LC/TQ System

eMethod G5279AA#010

Background information

This eMethod is designed for the analysis of all LC-MS/MS amenable pesticides and mycotoxins regulated by the states of CA, MI, NE, OR, and WA. The eMethod defines single stream (LC/MS and GC/MS) sample preparation and includes a list of expertly selected consumables and supplies. It also provides an optimized analytical method for the separations and reliable detection of 72 pesticides and 5 mycotoxins under 8 minutes. The same method used in the application note provided excellent calibration, recoveries, and LOQ data to demonstrate the reliable measurement of these analytes in cannabis.

Instrument configuration

Agilent 1260 Infinity II LC, the 1260 Infinity II Multisampler and the Ultivo triple quadrupole LC/MS system

The 1260 LC was equipped with a column oven and the Ultivo LC-MS/MS with a Jet Stream high sensitivity ion source. MassHunter 10.0 was used both for acquisition and data analysis.

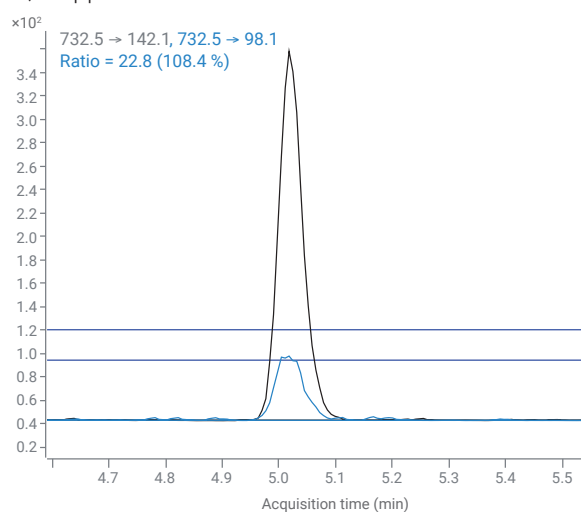
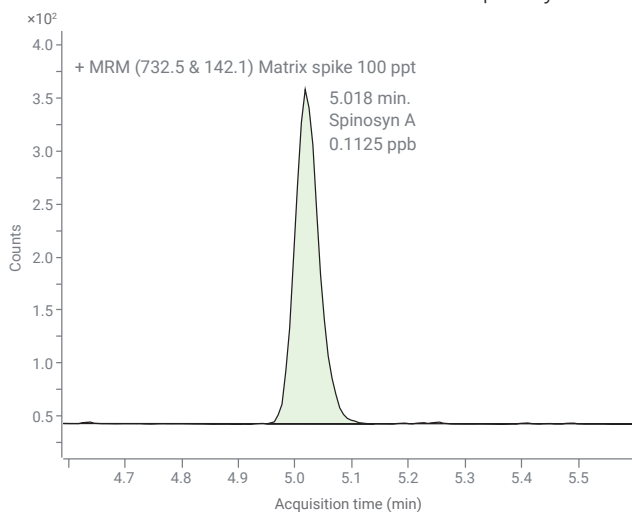


Application note



Determination of Pesticides and Mycotoxins in Cannabis Flower as Defined by Legalized U.S. State Recreational Cannabis Regulations

Detection Spinosyn A in Cannabis, 0.1 ppb Concentration



For more information visit <http://www.agilent.com/chem/cannabis-testing-emethods>

Agilent products and solutions are intended to be used for cannabis quality control and safety testing in laboratories where such use is permitted under state/country law.

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