Pesticide Residue and Mycotoxin Analysis in Cannabis with the 1290/6470 LC/TQ System for Canada

eMethod G5279AA#030

Background information

This eMethod is designed for the analysis of all LC-MS/MS amenable pesticides and mycotoxins regulated by Health Canada. The eMethod defines single stream (LC-MS/MS and GC-MS/MS) sample preparation and includes a list of expertly selected consumables and supplies. It also provides an optimized analytical method for the separation and reliable detection of the targeted LC/MS amenable pesticides under 10 minutes. The same method used in the application note provided excellent calibration, recoveries, and LOQ data to demonstrate the reliable measurements of all LC/MS amenable pesticides.

Instrument configuration

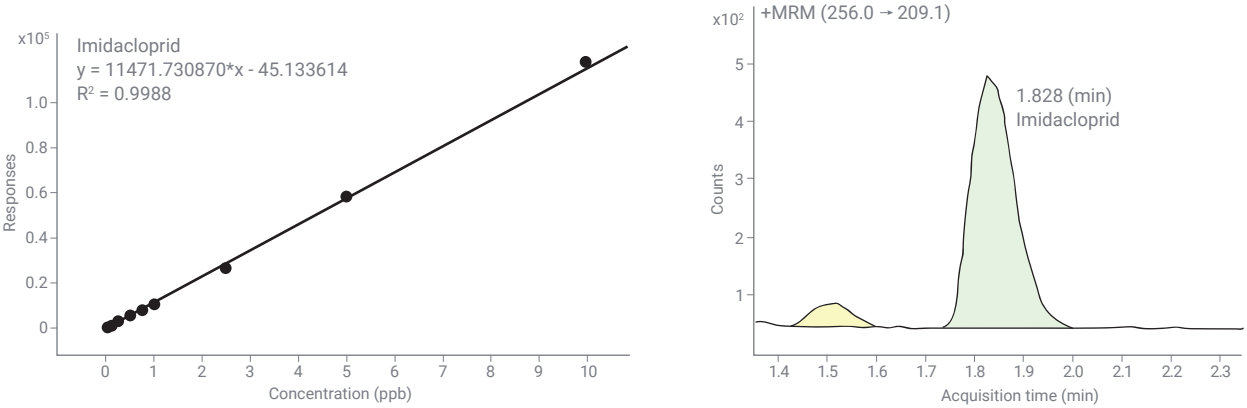
Agilent 1290 Infinity II LC, the 1260 Infinity II Multisampler and the 6470 Triple Quadrupole LC/MS system

The 1290 LC LC was equipped with a thermostatted column compartment and the 6470 TQ with Jet Sream high sensitivity ion source. MassHunter 10.0 was used both for acquisition and data analysis.

Application note

A Sensitive and Robust Workflow to Measure Residual Pesticides and Mycotoxins from the Canadian Target List in Dry Marijuana Flower

Calibration and Detection of Imidacloprid



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

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