Pesticide Residue Analysis in Cannabis with the 8890/7010B GC/TQ System for Canada

eMethod G5278AA#030

Background information

This eMethod is designed for the analysis of 17 GC-MS/MS amenable pesticides 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 pesticides under 16 minutes. The same method used in the application note provided excellent calibration, recoveries, and LOQ data to demonstrate the reliable measurements of all GC-MS/MS amenable pesticides.

Instrument configuration

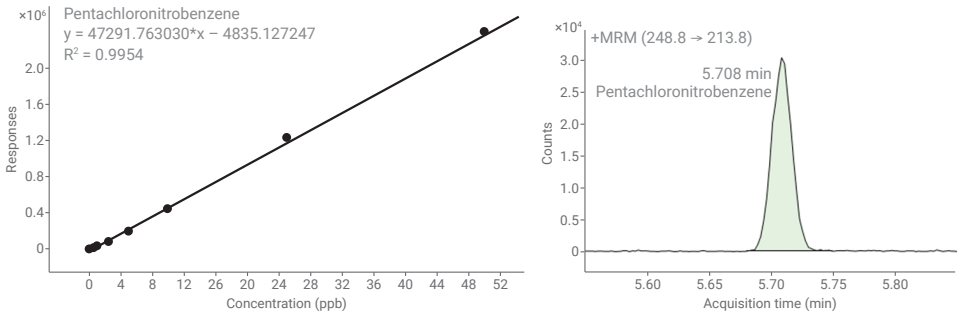
Agilent 8890 GC with the 7010B Mass Spectrometer and 7693 Automatic Liquid sampler. (ALS)

The GC includes MMI inlet and mid-column backflush. The 7010B MS was configured in EI mode. 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 Pentachloronitrobenzene (Quintozene)



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

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