Background information
This eMethod is designed for the analysis of 5 GC/MS/MS amenable pesticides regulated by several US states. It 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 detection of pentachloronitrobenzene, parathion-methyl, captan, chlordane and chlorfenapyr under 15 minutes. The reliable operation of the end-to-end workflow is demonstrated by excellent calibration results ranging from 2 to 8,000 ppb in matrix, precision, accuracy and LOQ data as described in the application note.

Instrument configuration
Agilent Intuvo 9000 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
Analysis of Challenging Pesticides Regulated in the Cannabis and Hemp Industry with the Agilent Intuvo 9000/7010 GC/MS/MS System: The Fast-5

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