

The Thermo Scientific Pesticide Analyzer Reference provides information on extractions and multiple reaction monitoring (MRM) of pesticides in any matrix. It allows for fast method development for new pesticide methods

Thermo Scientific Pesticide Analyzer Reference

Method development for the longest list of pesticides



Pesticide Analyzer Reference

The analysis of pesticides poses greater challenges on the operator and instrument than any other analysis. This reference provides information for the operator that allows them to become productive quickly. It provides the necessary information to implement new methods quickly and easily.

The Need

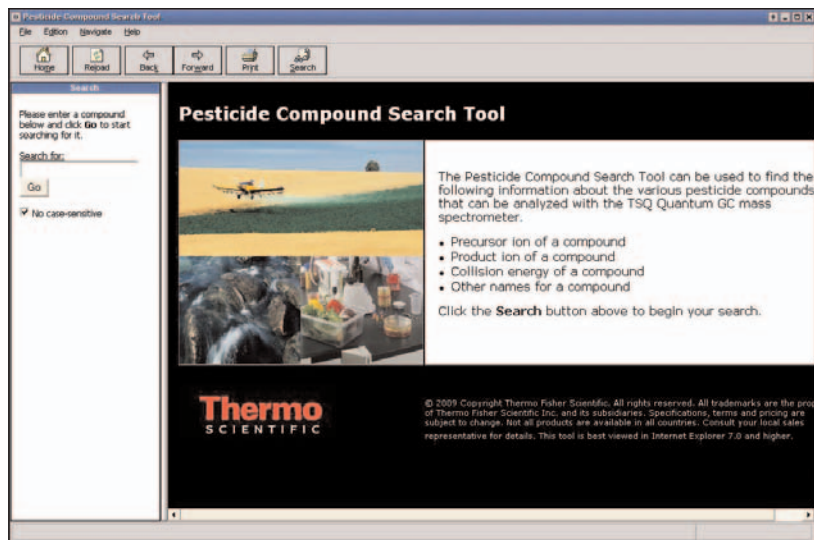
There are approximately 600 pesticides that can be analyzed by a GC/MS system. The matrices that are tested vary from fruits and vegetables to soil and water. The pesticides have a wide range of chemistries that must be taken into account. The challenge is to test for as many pesticides as possible in the shortest period of time while being able to quantitate below the maximum residue levels (MRL).

The Solution

The Thermo Scientific Pesticide Analyzer Reference provides information for the development of methods that can analyze approximately 600 pesticides. The information will allow the operator to develop methods on the TSQ Quantum GC triple quadrupole quickly. This information can be easily customized and imported directly into the instrument method saving large amount of time on method development. A procedure is also provided for extracting samples using a quechers technique. All of the consumables that are required for the extraction and analyses are listed with part number. The combination of the extractions, instrument parameters, and consumables provides the ability to avoid the most time consuming parts of the method development process.

Specifications

- A reference guide and CD that provides MRM parameters for approximately 600 compounds.
- Step by step procedure to follow for the extraction of pesticides and other contaminants using a quechers extraction technique
- Part numbers for all the materials needed for the quechers extractions
- Consumable information that has proven to work across broad classes of pesticides



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