

# Agilent GC-MSD System for Environmental Applications

Agilent Chemical Analysis Training Courses

# H4050A

Five Days Hands-On Operation

#### **Description**

Enhances skill in the use of a mass selective detector with mass spectrometer EnviroQuant software.

**4.0 CEUs** 

# **Course Outline**

#### Day One

- GC-MSD Hardware
- Environmental Tuning

#### Day Two

- Data Acquisition in SCAN Mode
- Data Acquisition in SIM Mode
- GC-MSD Maintenance
- MS Source Cleaning

#### Day Three

- Setting Up Integration and the Target Compound Database
- Multi-level Calibration
- Calibration Reports and Editing Quantitation Results
- Library Searching

#### Day Four

- Reporting Tentatively Identified Compounds
- Continuing Calibration
- Customized Reports
- QA/QC Databases
- Automation Tools

## Day Five

- Environmental Forms
- Sequencing

# **Prerequisites**

- A fundamental knowledge of gas chromatography and mass spectrometry.
- Completion of the computer-based training delivered with the system.
- At least one month of experience in using an Agilent GC-MSD system.
- A basic understanding of Microsoft® Windows®.
- Fundamental knowledge of EPA methodology

## **Student Profile**

A new user of the Agilent ChemStation for GC-MSD.

## **Equipment Used during Training**

- Agilent 6890 gas chromatograph with 5972 mass selective detector
- Agilent 6890 gas chromatograph with 5973 mass selective detector
- Agilent ChemStation for GC-MSD (ver. B.01.xx/Microsoft WindowsNT)

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