Operation of the Agilent GC-MSD System Using the Agilent ChemStation for GC-MSD

Agilent Chemical Analysis Training Courses

H4043A

Five Days
Hands-On Operation

Description

Teaches skills to enhance an operator's efficiency and productivity when using the Agilent GC-MSD system.

Provides experience in data acquisition, data analysis, library searching, reporting, and customizing the system to meet specific laboratory or customer needs.

4.0 CEUs

Course Outline

Day One
- MSD Hardware and Tuning
- GC-MSD Maintenance
- MS Source Cleaning

Day Two
- Data Acquisition in SCAN Mode
- Data Acquisition in SIM Mode

Day Three
- Qualitative Data Analysis
- Library Concepts and Library Search Reports
- Quantitative Data Analysis
- Integration
- Calibrated Reports

Day Four
- Customized Reports
- Reverse Polish Notation (RPN) Commands for Simplification
- Introduction to Macro Programming

Day Five
- Sequencing
- Course Review
- Additional Topics

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®.

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/Windows NT)

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