



Introduction to Troubleshooting and Preventive Maintenance for the Agilent 5973 GC-MSD System

Agilent Chemical Analysis Training Courses

H5947A

One Day
Lecture Only

Description

Addresses how to perform preventive maintenance and troubleshooting to keep the Agilent 5973 GC-MSD system working properly.

Includes discussion of typical Auto-Tunes and problem Auto-Tunes. Also offers class exercises that enhance understanding of troubleshooting and maintenance principles.

CD-ROM demonstrations illustrate various maintenance procedures.

Course Outline

- Agilent 5973 GC-MSD System Overview
- Steps to Logical Troubleshooting
- Troubleshooting by Using Tuning
- Data System Diagnostics Menu
- GC Maintenance Fundamentals
- GC-MS Interface Fundamentals
- Vacuum System Fundamentals
- Source Fundamentals
- Mass Filter Fundamentals
- Detector Fundamentals

Prerequisites

None. However, a working knowledge of the Agilent 5973 GC-MSD is highly recommended.

Student Profile

Someone with a fundamental knowledge of the Agilent 5973 MSD and who is responsible for troubleshooting and maintaining the system.

Equipment Used during Training

- Agilent 5890 Series II GC with flame ionization and thermal conductivity detectors
- Agilent ChemStation for GC (ver. A.03.04)
- Agilent 7673 automatic liquid sampler

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