



# Agilent GC & MS Usage, Problem Solving, Diagnostics & Method Optimization Courses

GC - MAY 6 - EMERYVILLE, CA  
GCMS - MAY 7 - EMERYVILLE, CA

## Day One

**Agilent 6890 & 7890 GC Usage, Problem Solving, Diagnostics & Method Optimization**

### Outline

#### 6890

- Introduction: It's a workhorse
- Familiarization: Like an old friend
- Inlets
- Columns
- Detectors
- Electronics
- ALS Troubleshooting: So many injections
- Data Systems: So many options

#### 7890

- Overview
- Logical Troubleshooting: Divide & Conquer
- Diagnostics: Don't forget the keypad
- Inlets: Traditional Split/Splitless and MultiMode
- Columns: Includes latest theory on very narrow vs standard bore capillary
- Detectors: Yes, they are now optimized for capillary flow rates
- Electronics Overview: You now know more than ever about your GC status
- ALS Troubleshooting: Robotics made easy
- Data System: OpenLab is your friend

Special End-of-Day Segment: Developing & Optimizing Your New GC Analytical Approach. Got Questions?

## Day Two

**Agilent 5973 & 5975 MS Usage, Problem Solving, Diagnostics & Method Optimization**

### Outline

#### 5973

- Overview
- Tuning & Diagnostics: There's a lot of information here. It's easy to understand.
- GC Considerations: Not always a MS problem
- The Vacuum System
- The Ion Source
- The Mass Filter: aka The Quadrapole
- The Detector: What does that HED do anyway?

#### 5975

- Overview & Basics: Hey, there's a lot of new stuff here!
- Tuning: Many options. How to choose.
- Data Acquisition Theory: How to make your analysis really perform
- Maintenance: You can solve that problem
- The Source, The Mass Filter & The Detector

Special Segment: Developing & Optimizing Your New GCMS Analytical

End-of-Day Segment: A quick look at the 5977. Got Questions?

## Pricing

\$500 for each day or save 20% when you register for both days.

## Course Calendar

GC - May 6, 2014

9:00 a.m. - 5:00 p.m.

Emeryville, CA

GCMS - May 7, 2014

9:00 a.m. - 5:00 p.m.

Emeryville, CA

## Hotel

Courtyard Marriott  
5555 Shellmound St.  
Emeryville, CA 94608  
510-652-8777

## To Register

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