



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

HOUSTON, TX: GC - JUNE 23 & GC/MS - JUNE 24

CINCINNATI, OH: GC - JULY 14 & GC/MS - JULY 15

## 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 GC/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 GC/MS Analytical Approach

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 - June 23, 2014

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

Houston, TX

GC/MS - June 24, 2014

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

Houston, TX

GC - July 14, 2014

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

Cincinnati, OH

GC/MS - July 15, 2014

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

Cincinnati, OH

## Hotels

DoubleTree by Hilton  
Houston Hobby Airport  
8181 Airport Blvd.  
Houston, TX 77061  
713-645-3000

Manor House  
7440 Mason-Montgomery Road  
Mason, OH 45040  
513-459-0177

## To Register

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