

HPLC Troubleshooting (1 day)

Who should take this course?

This course is designed for anyone who works with HPLC. No previous experience with HPLC systems is assumed; however, much of the course will appeal to the more experienced worker.

What does it cover?

"HPLC Troubleshooting" is an intensive one-day course that teaches you the ins and outs of solving problems that occur with your LC methods. More importantly, you'll learn how to prevent many of these problems from happening in the first place. Here's what the course covers:

- The operating principles of each module in an HPLC system
- A review of basic HPLC theory as it applies to troubleshooting and instrument maintenance
- Proven techniques for systematic problem-solving and instrument maintenance
- The most effective, timesaving, money saving approaches to preventing common hardware problems and method failures.

What will I get from this course?

What you learn will demystify your instrument. You'll find that all of the perplexing and frustrating problems you experience have simple and logical solutions. More importantly, you'll learn that most of these problems are preventable. The techniques you learn from this course will make you more effective at work and save you big headaches! Students tell us that this "extremely practical course" is a must for everyone who uses HPLC.

Course Outline

Introduction	Quantitative analysis
HPLC basics	Conclusions/questions
Mobile phase reservoirs	Column problems and fixes
Pumps and mixing	Separation chemistry problems
Tubing and fittings	Tailing problems
Sample injectors	
HPLC detectors	

Available as an in-house or off-site course. Contact us for details



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