

HPLC Workshops Open Courses 2009



An Introduction to HPLC (1 day)

This short one-day course introduces scientists to the basic concepts and operational principles of High Performance Liquid Chromatography, with an emphasis on reversed-phase HPLC. "An Introduction to HPLC" is the course for you if you are new to HPLC, or if you currently use HPLC as a regular part of your job and want a better understanding of the fundamental principles behind it. No previous HPLC training is assumed.

Big Molecules – Big Challenges (1 day)

This one day program will acquaint you with how to characterise and purify larger molecules such as proteins, monoclonal antibodies and pharmaceutical excipients, focusing on complementary techniques to traditional reversed-phase HPLC such as size-exclusion, ion-exchange, HIC and affinity chromatography. The course is suitable for scientists already using these techniques, as well as those familiar with the analysis of small molecules who are looking to apply chromatographic techniques to larger molecules.

HPLC Troubleshooting (1 day)

"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 occurring in the first place. This course addresses the practical aspects and problems of working with HPLC and is a must for everyone who uses HPLC at whatever level.

Separations of Biopharmaceuticals (1 day)

This course will acquaint you with the techniques for analysis and lab-scale purification of biomolecules, with a focus on traditional reversed-phase HPLC chromatography, as well as providing an overview of other complementary techniques. This course is suitable for biochemists and biologists with limited experience of using HPLC. It will also benefit analytical chemists with experience of HPLC separations for small molecules, who wish to apply these same techniques to larger molecules such as peptides, proteins and nucleic acids.

HPLC Method Development (1 day)

Reversed-phase method development is looked upon as a mystery by many chromatographers. Good resolution can be a hidden treasure which either requires too much time to find or entirely eludes the earnest seeker. This course guides the chromatographer through each step of the pathway that leads to achieving good resolution. The course will be especially valuable to those with some chromatography experience who are either unfamiliar with method development or wish to improve upon their existing strategies.

LC-MS for Chromatographers (2 day)

This course is for chromatographers who need to gain a thorough understanding of LC-MS. Practical applications for the analysis of drugs and metabolites in biological extracts are looked at. No previous experience of HPLC is necessary, although the course will be especially valuable to those with some chromatography experience.

Advanced HPLC Method Development (2 day)

If you've ever wished that HPLC method development was more logical and methodical, this is the course for you. You will learn how to achieve the best possible chromatography, save hours of frustration and improve your results time after time. Attendees should have at least 1 year's HPLC experience in the laboratory and some involvement in developing new methods or troubleshooting older ones.

Validating HPLC Methods (1 day)

If you are now, or will be, developing HPLC methods and have questions about method validation, documentation, and regulatory compliance issues, then this is the course for you. Attendees should have attended an Advanced HPLC Method Development course or have equivalent experience (at least one year of HPLC Method Development work). This course is not for novices.

HILIC Chromatography (1 day)

This course is for all chromatographers who wish to improve or develop separations of polar compounds or wish to keep up to date with the latest technological developments in this area. This course explains the application and use of the HILIC technique, which opens up a unique possibility for the separation of polar or hydrophilic substances using simple, usually LC-MS compatible, buffer systems.

HPLC Workshops 2009 – The Trainers



John Dolan

Dr John Dolan is an acclaimed chromatography expert with over 20 years experience as one of the best HPLC trainers in the world. John has written more than 100 papers on HPLC and related topics and is co-author of 'Troubleshooting HPLC Systems' and 'High-Performance Gradient Elution' which have become standard reference works in HPLC. He is perhaps best known for his monthly LC Troubleshooting column in the journal 'LCGC'.

Mel Euerby

Professor Mel Euerby has had a distinguished career in the field of separation science spanning over 20 years. An internationally renowned speaker and referee for numerous scientific journals including the 'Journal of Separation Science', Mel was awarded the Chromatographic Society Silver Jubilee Medal in 2007. Mel is a Visiting Professor at Strathclyde University and a member of the Steering Committee for the Pharmaceutical Analysis course.

Tom Jupille

Tom Jupille has been a practising chromatographer for more than 30 years and he has written more than 30 papers on chromatography and related subjects. Tom has excellent experience in HPLC, GC, TLC and ion chromatography, is a consulting editor for the journal 'LCGC' and moderator for the online 'Chromatography Forum'. His extensive practical experience ensures Tom always delivers high quality and relevant chromatography training.

Please use the enclosed course registration form to book any of our 2009 training courses.

Further information: For more details on any of the courses overleaf or to discuss an in-house seminar please contact Peggy Lloyd on 0118 930 3660 or email: seminars@hichrom.co.uk

Your Guarantee: We are confident that the techniques you will hear about on these courses will provide you with many ideas for improving the efficiency in your laboratory – in fact it is guaranteed. If after 6 months you have not been able to recover the registration fees by applying what you have learnt from the courses, your money will be refunded.