Practical Liquid Chromatography

Agilent Chemical Analysis Training Courses

Course Outline
- Introduction to LC
- The Separation Process (including resolution, selectivity, capacity factor, efficiency, and gradient elution)
- Practical Aspects of Performing Analyses (including mobile phase preparation, column care, priming and equilibration, and sample preparation)
- LC Instrumentation (including tubing and fittings, pumping systems, injection systems, and detectors)
- LC Troubleshooting (including retention time and area precision, pressure problems, baseline fluctuations, and peak shape problems)

Prerequisites
None.

Student Profile
Anyone interested in learning about liquid chromatography.

Equipment Used during Training
- Agilent 1100 Series liquid chromatograph
- Agilent ChemStation for LC

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