

Practical Aspects of Chromatography - Course Outline

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Day 1 (3 hr)

1. A brief personal historical perspective of chromatography
2. Sample Preparation – the key to good chromatography
 - a. Aqueous samples
 - b. Solid Samples
 - c. Gaseous samples

Day 2 (3 hr)

1. Gas chromatography – instrument configurations
 - a. Inlet choices
 - b. Detector choices
 - c. Column choices
 - d. Carrier gas choices
 - e. Autosamplers
 - f. Pressure and temperature control
 - g. Software choices

Day 3 (3 hr)

Gas chromatography – troubleshooting

Day 4 (3hr)

1. (HPLC and UHPLC – instrument configurations)
 - a. Pump and mechanical choices
 - b. Column choices
 - c. Temperature choices
 - d. Solvent choices
 - e. Detector choices
 - f. Software choices

Day 5 (3 hr)

1. HPLC and UHPLC – Troubleshooting

Termin	Dzień tygodnia	Godzina	Miejsce
13.05.2013	Poniedziałek	12.15 – 15.00	Minicentrum Konferencyjne (Luwr)
14.05.2013	Wtorek	12.15 – 15.00	Minicentrum Konferencyjne (Luwr)
15.05.2013	Środa	12.15 – 15.00	Minicentrum Konferencyjne (Luwr)
16.05.2013	Czwartek	12.15 – 15.00	Minicentrum Konferencyjne (Luwr)
17.05.2013	Piątek	12.15 – 15.00	Minicentrum Konferencyjne (Luwr)