


Methods, IOC, Breit

<p>semipreparative HPLC</p>	<p>Model: <i>Knaur Well Chrom</i> Unit and Room: <i>Org.Chem., R 07 016</i> Responsible: <i>Dr. R. Krieger</i> Further information:</p>	
<p>Short Description:</p> <p>Semipreparative HPLC with high pressure gradient pumps, manual/automatic injection valve, UV-detektion monochromatic, fraction collection valve, pc software for instrument control and data analysis and reporting (Eurochrom prep. version ca 5 years old)</p>	<p>Picture of the Equipment</p> 	
<p>Available Experiments/Techniques:</p> <p>-semiprep. separations of racemates using normal phase conditions with monochromatic uv/vis detection, - semiprep purifications using normal phase or reversed phase conditions of achiral compounds</p>		
<p>Special Equipment:</p> <p>semipreparative columnes: chiral Daicel AD-H, OD-H, achiral: RP-18e, Eurosphere 100 C18 (reversed phase), Silica Si 100 normal phase</p>		
<p>Measurements on the equipment are currently done by:</p>	<p><input type="checkbox"/> Students <input type="checkbox"/> Students after Introduction <input type="checkbox"/> Students after extensive training <input checked="" type="checkbox"/> Trained scientific service personal</p>	
<p>Recent Publications, where this instrument was important (optional): Give citation</p>		
<p>Typical problems that may be solved with this instrument:</p>	<p><i>-semipreparative separation of racemates, -semipreparative separation of mixtures of isomers or complex mixtures at normal and reversed phase conditions with monochromatic uv/vis detection</i></p>	