


Methods, IOCBC, Breit

<p>analytical HPLC4</p>	<p>Model: Unit and Room: Responsible: Further information:</p>	<p>LaChrom Elite Org.Chem./R812a Fehrenbach/Schuskowski/Krieger</p>
<p>Short Description:</p> <p>Analytical HPLC with degasser, thermostated autosampler, low pressure gradient pump, column thermostat with column selection valve and DAD-detection, computer, software for instrument control, data analysis and reporting (EZ Chrom Elite, new)</p>	<p>Picture of the Equipment</p>	
<p>Available Experiments/Techniques:</p> <ul style="list-style-type: none"> <li>- ee-determination preferred normal phase,</li> <li>- quantifications,</li> <li>- separations of racemates and of complex mixtures on analytical scale using the complete uv/vis spectrum for detection</li> <li>- checking the purity of substances by comparison of the uv/vis spectra</li> </ul>		
<p>Special Equipment:</p> <p>chiral columns Daicel OD-3, AD-3, OJ-H, OB-H, AS</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>	<ul style="list-style-type: none"> <li>- ee-determinations</li> <li>- quantifications using normal phase conditions</li> <li>- separation of complex mixtures or racemates on analytical scale</li> <li>- purity checks by comparison of the uv/vis spectra of substances</li> </ul>	