



## HPLC pool range of services for all working groups of the chemistry department \*

- **Reverse phase (RP) methods**
  - UHPLC and classic HPLC with UV / Vis detection (optional Ri) on modern LC systems
  - Purification of substance and isomer mixtures for analysis and synthesis (up to 2000 g / mol)
  - Analytical method development on various (U)HPLC columns with different selectivities
  - Method development for LC-MS \*\* and LC-NMR \*\*
  - Upscaling to (semi) preparative dimensions (1.0 mg -> 500 mg)
  - Quantitative analysis (purity determination / reaction screening) with the help of multi-point calibrations (external & internal standard)
- **Methods based on chiral separation phases (CSP)**
  - UHPLC (NP) and classic HPLC (RP) with UV / Vis detection (optional Ri) on modern LC systems
  - Analytical method development on various immobilized polysaccharide phases
  - Purification of isomer mixtures as well as racemate resolutions for analysis and synthesis  
Analytical *dr* and *er* determinations (comparison sample required)
  - Upscaling to (semi) preparative dimensions (1.0 mg -> 500 mg)
- **Others**
  - Provision of ultrapure water (type I) for laboratory purposes
  - Help around chromatographic separation problems
  - Insight into specialist literature
  - Hints for column and thin layer chromatography

More information, details and order forms online on the  
home page

<http://hplcpool.uni-bonn.de>



\*andere Institute nach Absprache mit dem Institutsdirektor des Kekulé-Instituts für Organische Chemie und Biochemie

\*\*nach Absprache mit den entsprechenden wissenschaftlichen Serviceabteilungen