Automating GCMS analysis

Description

The group of Spectroscopy and Chemometrics at university of Copenhagen use gas chromatography with mass spectral detection (GCMS) for e.g. aroma profiling, gastronomy, proteomics and many other applications.

To extract detailed chemical information, a substantial amount of labor goes into baseline correction, identification, quantification and other aspects needed to turn the raw data into actual chemical information. Much of the state-of-art in GCMS data handling bears on technology from pre-computer days and leaves a lot to be desired.

In this project, an expert system will be developed for automating the analysis of complex GCMS data.

Contact

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