

# NovaSheet

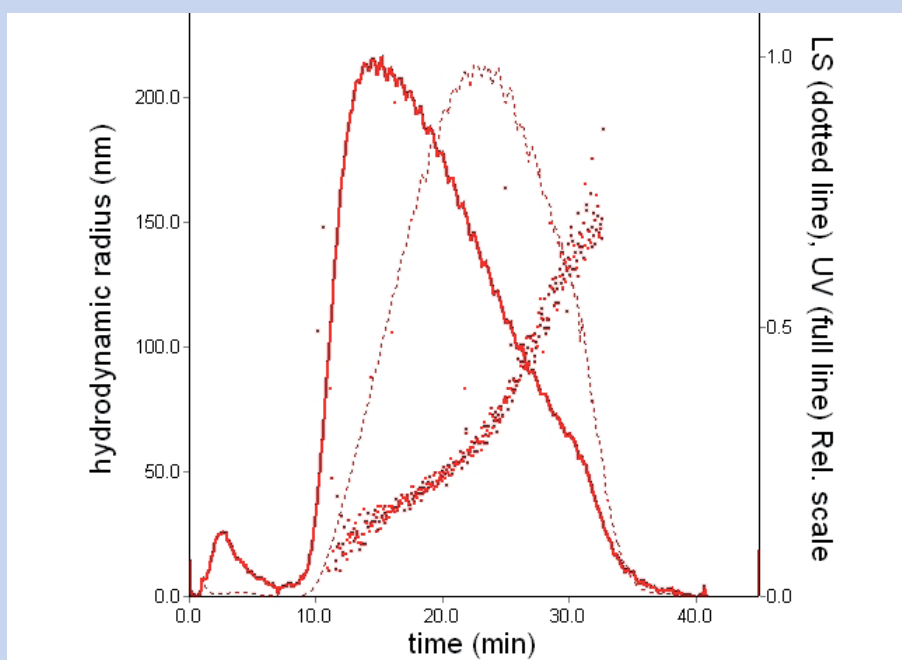
Technology: AF4-UV/Vis-MALS-DLS

Application: DNA-Chitosan-Nanoparticles

## Analysis Conditions / System Set-up

Sample:	DNA-Chitosan-Nanoparticles
Channel Thickness:	350 $\mu\text{m}$
Membrane:	NovaRC Amphipilic
Separation System:	Postnova AF2000 MT
Detector 1:	Postnova PN3241 UV/Vis-DAD

### Separation and Characterization of DNA-Chitosan nanoparticles with AF4 coupled to MALS, DLS and UV



## Why use AF2000 MT – MALS-DLS-UV for DNA-Chitosan Characterization?

- High resolution separation of DNA and Chitosan Nanoparticles.
- Fast, gentle and nearly interaction free separation without the use of a stationary phase.
- Fraction collection and easy direct coupling with further analytical techniques as MALDI, ELISA, etc.

Data provided from: Courtesy of Prof. Winnieck, Univ. Montreal