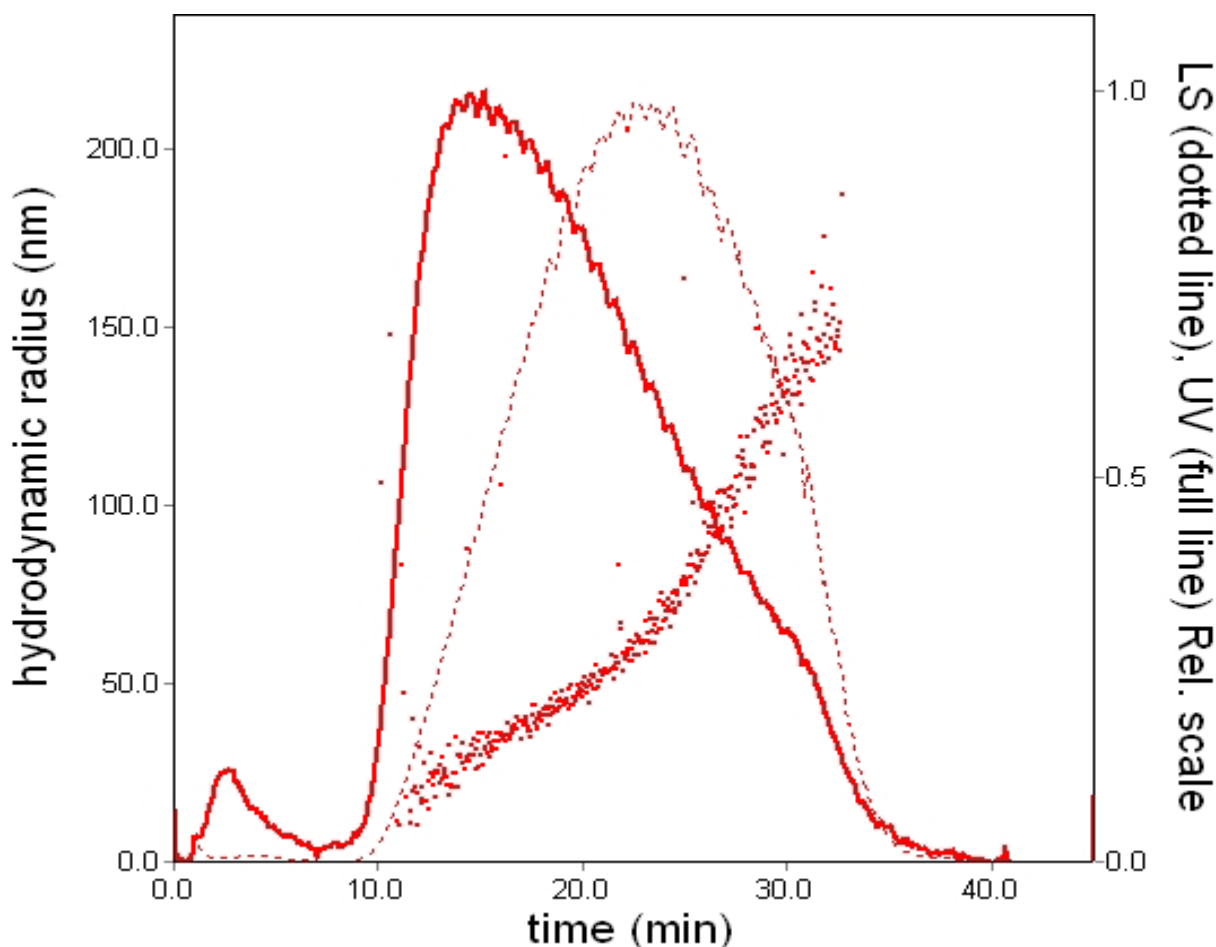


Analysis Conditions / System Set-up

Solvent	:		- Channel Thickness: 350 μm
Injection volume	:		- Membrane: NovaRC Amphiphilic
Sample Concentr.	:		- Channel Flow:
Cross Flow	:		- Focus Time:
FFF System	:	Postnova AF2000 MT	- Mid Temperature Asymmetric Field-flow Fractionation
UV Detector	:	Postnova PN3241 UV/Vis-DAD	- DAD-UV/Vis Detector

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

For further information about recombinant DNA-Chitosan characterization by FFF, please do not hesitate to contact us at any time by phone +49 8191 428 181 or +1 801 521 2004, send us an email.