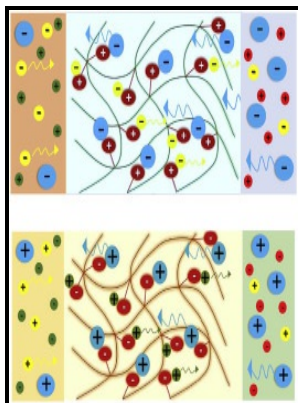


Automated analytical separations of isomeric oligosaccharides by gel permeation and ion-exclusion chromatography.

University of Birmingham - Analysis and Separation of Oligosaccharides



Description: -

-Automated analytical separations of isomeric oligosaccharides by gel permeation and ion-exclusion chromatography.

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Notes: Thesis (Ph.D.) - University of Birmingham, Dept of Chemistry.

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To demonstrate the potential of CE in understanding the processes of biological interest, such as nucleotide degradation and metabolism, the investigation of the efficiency and the time course of the enzymatic transformation was carried out. Results and chromatographic applications of this knowledge will be summarized. In addition, it is noteworthy that IgG glycopeptides consisting of isomeric N-glycans and the same peptide sequences can be sufficiently separated on a ZIC-HILIC column.

A New Simple and Rapid Method for the Determination of Sodium Hyaluronate in Active Pharmaceutical Ingredient and Ophthalmic Formulations by DP5 Photoreceptor

Esihydrolysaatit saatiin puristamalla neste ulos massanäytteistä se osa näytteestä, jota ei ollut pesty massasaannon määrittämiseksi.

[6] Analysis of oligosaccharides by gel filtration

Typically, UV lasers such as nitrogen 337 nm and Nd:YAG 266 nm and 355 nm are used, but less commonly, IR lasers CO₂ are employed at 10.

Separation of Isomeric O

The method of micellar electrokinetic chromatography, employing reversed electroosmotic flow EOF by cationic surfactant and reversed polarity mode provided a good resolution and short analysis time of less than 5 min.

Profiling of Sialylated Oligosaccharides in Mammalian Milk Using Online Solid Phase Extraction

The process equipment included a separation column, a feed pump, an eluent water pump, heat exchangers, flow control means for the effluent and an inlet and outlet for the various process streams.

Multi

While the methods have been particularly shown and described with reference to specific illustrative embodiments, it should be understood that various changes in form and detail may be made without departing from the spirit and scope of the present disclosure. Evidence Based Validation of Traditional Medicines.

Mass spectrometric methods for analysis of oligosaccharides in human milk

Abstract: We developed a capillary electrophoresis CE apparatus equipped with a batch- or flow-type bioluminescence BL detection cell. In general, any of these chromatographic techniques may be performed in an HPLC high performance liquid chromatography format which is a type of chromatography in which the eluting solvent is conveyed through the column under high pressure e. Liuksen pH säädettiin NaOH-liuksella 3,5:een.

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