

Journal of Chromatography A, 865 (1999) 237-240

JOURNAL OF CHROMATOGRAPHY A

www.elsevier.com/locate/chroma

Subject Index Vol. 865

Adsorption isotherms

Quantification of single solute and competitive adsorption isotherms using a closed-loop perturbation method 865(1999)51

Determination of the thermodynamic contribution to peak asymmetry of basic solutes in reversed-phase liquid chromatography 865(1999)97

Separation of stereoisomers in a simulated moving bedsupercritical fluid chromatography plant 865(1999)175

Adsorption kinetics

Enantiomers separation by simulated moving bed chromatography. Non-instantaneous equilibrium at the solidfluid interface 865(1999)187

Albumins

Modeling and simulation of the dynamic behavior of monoliths. Effects of pore structure from pore network model analysis and comparison with columns packed with porous spherical particles 865(1999)13

Study of hydrophobic interaction adsorption of bovine serum albumin under overloaded conditions using flow microcalorimetry 865(1999)111

Band profiles

Visualization of sample introduction in liquid chromatographic columns. Contribution of a flow distributor on the sample band shape 865(1999)83

Cellulases

Studies on the chromatographic fractionation of *Trichoderma reesei* cellulases by hydrophobic interaction 865(1999)123

Chiral stationary phases, GC

Enantiomer separation of α -ionone using gas chromatography with cyclodextrin derivatives as chiral stationary phases 865(1999)201

Closed-loop perturbation

Quantification of single solute and competitive adsorption isotherms using a closed-loop perturbation method 865(1999)51

Column design

Influence of column design on process-scale ion-exchange chromatography 865(1999)3

Column headers

Visualization of viscous fingering in high-performance liquid chromatographic columns. Influence of the header design 865(1999)73

Computer simulation

Modeling and simulation of the dynamic behavior of monoliths. Effects of pore structure from pore network model analysis and comparison with columns packed with porous spherical particles 865(1999)13

Continuous beds

Modeling and simulation of the dynamic behavior of monoliths. Effects of pore structure from pore network model analysis and comparison with columns packed with porous spherical particles 865(1999)13

Cyclodextrin

Enantiomer separation of α -ionone using gas chromatography with cyclodextrin derivatives as chiral stationary phases 865(1999)201

Diffusion

Protein diffusion in charged polyacrylamide gels. Visualization and analysis 865(1999)155

Displacement chromatography

Polycations as displacer in high-performance bioseparation 865(1999)27

Displacers

Polycations as displacer in high-performance bioseparation 865(1999)27

Enantiomer separation

Development of an high-performance liquid chromatographic simulated moving bed separation from an industrial perspective 865(1999)35

Enantiomers separation by simulated moving bed chromatography. Non-instantaneous equilibrium at the solid– fluid interface 865(1999)187

0021-9673/99/\$ – see front matter © 1999 Elsevier Science B.V. All right reserved PII: S0021-9673(99)01182-6

Enantiomer separation of α -ionone using gas chromatography with cyclodextrin derivatives as chiral stationary phases 865(1999)201

Preparative chromatographic resolution of enantiomers using polar organic solvents with polysaccharide chiral stationary phases 865(1999)211

Direct, preparative enantioselective chromatography of propranolol hydrochloride and thioridazine hydrochloride using carbon dioxide-based mobile phases 865(1999)227

Enzymes

Studies on the chromatographic fractionation of *Trichoderma reesei* cellulases by hydrophobic interaction 865(1999)123

Expanded-bed chromatography

Expanded-bed chromatography in primary protein purification (Review) 865(1999)129

Flow distributor

Visualization of sample introduction in liquid chromatographic columns. Contribution of a flow distributor on the sample band shape 865(1999)83

Flow microcalorimetry

Study of hydrophobic interaction adsorption of bovine serum albumin under overloaded conditions using flow microcalorimetry 865(1999)111

Header design

Visualization of viscous fingering in high-performance liquid chromatographic columns. Influence of the header design 865(1999)73

Hydrophobic interaction chromatography

Study of hydrophobic interaction adsorption of bovine serum albumin under overloaded conditions using flow microcalorimetry 865(1999)111

Studies on the chromatographic fractionation of *Trichoderma reesei* cellulases by hydrophobic interaction 865(1999)123

Ionones

Enantiomer separation of α -ionone using gas chromatography with cyclodextrin derivatives as chiral stationary phases 865(1999)201

Mass transfer

Modeling and simulation of the dynamic behavior of monoliths. Effects of pore structure from pore network model analysis and comparison with columns packed with porous spherical particles 865(1999)13

Mathematical modeling

Modeling and simulation of the dynamic behavior of monoliths. Effects of pore structure from pore network model analysis and comparison with columns packed with porous spherical particles 865(1999)13

Membranes

Electrophoretic transfer of proteins across polyacrylamide membranes 865(1999)145

Monolithic columns

Modeling and simulation of the dynamic behavior of monoliths. Effects of pore structure from pore network model analysis and comparison with columns packed with porous spherical particles 865(1999)13

Network model

Modeling and simulation of the dynamic behavior of monoliths. Effects of pore structure from pore network model analysis and comparison with columns packed with porous spherical particles 865(1999)13

Non-equilibrium effects

Enantiomers separation by simulated moving bed chromatography. Non-instantaneous equilibrium at the solid– fluid interface 865(1999)187

Non-linear chromatography

Enantiomers separation by simulated moving bed chromatography. Non-instantaneous equilibrium at the solid– fluid interface 865(1999)187

Peak shape

Determination of the thermodynamic contribution to peak asymmetry of basic solutes in reversed-phase liquid chromatography 865(1999)97

Peptides

Rapid reversed-phase separation of proteins and peptides using optimized 'moulded' monolithic poly(styrene-*co*-divinylbenzene) columns 865(1999)169

Pharmaceutical analysis

Preparative chromatographic resolution of enantiomers using polar organic solvents with polysaccharide chiral stationary phases 865(1999)211

Direct, preparative enantioselective chromatography of propranolol hydrochloride and thioridazine hydrochloride using carbon dioxide-based mobile phases 865(1999)227

Phytol

Separation of stereoisomers in a simulated moving bedsupercritical fluid chromatography plant 865(1999)175

Polyacrylamide membranes

Electrophoretic transfer of proteins across polyacrylamide membranes 865(1999)145

Polymer gels

Protein diffusion in charged polyacrylamide gels. Visualization and analysis 865(1999)155

238

Poly(styrene-divinylbenzene) stationary phases

Rapid reversed-phase separation of proteins and peptides using optimized 'moulded' monolithic poly(styrene-*co*-divinylbenzene) columns 865(1999)169

Pore connectivity

Modeling and simulation of the dynamic behavior of monoliths. Effects of pore structure from pore network model analysis and comparison with columns packed with porous spherical particles 865(1999)13

Pore diffusion

Modeling and simulation of the dynamic behavior of monoliths. Effects of pore structure from pore network model analysis and comparison with columns packed with porous spherical particles 865(1999)13

Pore size distribution

Modeling and simulation of the dynamic behavior of monoliths. Effects of pore structure from pore network model analysis and comparison with columns packed with porous spherical particles 865(1999)13

Positional isomers

Separation of stereoisomers in a simulated moving bedsupercritical fluid chromatography plant 865(1999)175

Preparative chromatography

Influence of column design on process-scale ion-exchange chromatography 865(1999)3

Development of an high-performance liquid chromatographic simulated moving bed separation from an industrial perspective 865(1999)35

Expanded-bed chromatography in primary protein purification (Review) 865(1999)129

Separation of stereoisomers in a simulated moving bedsupercritical fluid chromatography plant 865(1999)175

Enantiomer separation of α -ionone using gas chromatography with cyclodextrin derivatives as chiral stationary phases 865(1999)201

Preparative chromatographic resolution of enantiomers using polar organic solvents with polysaccharide chiral stationary phases 865(1999)211

Direct, preparative enantioselective chromatography of propranolol hydrochloride and thioridazine hydrochloride using carbon dioxide-based mobile phases 865(1999)227

Preparative electrophoresis

Electrophoretic transfer of proteins across polyacrylamide membranes 865(1999)145

Propranolol

Direct, preparative enantioselective chromatography of propranolol hydrochloride and thioridazine hydrochloride using carbon dioxide-based mobile phases 865(1999)227

Proteins

Influence of column design on process-scale ion-exchange chromatography 865(1999)3

Polycations as displacer in high-performance bioseparation 865(1999)27

Study of hydrophobic interaction adsorption of bovine serum albumin under overloaded conditions using flow microcalorimetry 865(1999)111

Expanded-bed chromatography in primary protein purification (Review) 865(1999)129

Electrophoretic transfer of proteins across polyacrylamide membranes 865(1999)145

Protein diffusion in charged polyacrylamide gels. Visualization and analysis 865(1999)155

Rapid reversed-phase separation of proteins and peptides using optimized 'moulded' monolithic poly(styrene–*co*-divinylbenzene) columns 865(1999)169

Reviews

Expanded-bed chromatography in primary protein purification (Review) 865(1999)129

Sample introduction

Visualization of sample introduction in liquid chromatographic columns. Contribution of a flow distributor on the sample band shape 865(1999)83

Simulated moving bed chromatography

Development of an high-performance liquid chromatographic simulated moving bed separation from an industrial perspective 865(1999)35

Separation of stereoisomers in a simulated moving bedsupercritical fluid chromatography plant 865(1999)175

Enantiomers separation by simulated moving bed chromatography. Non-instantaneous equilibrium at the solidfluid interface 865(1999)187

Stationary phases, LC

Determination of the thermodynamic contribution to peak asymmetry of basic solutes in reversed-phase liquid chromatography 865(1999)97 Rapid reversed-phase separation of proteins and peptides using optimized 'moulded' monolithic poly(styrene-*co*-divinylbenzene) columns 865(1999)169

Supercritical fluid chromatography

Separation of stereoisomers in a simulated moving bedsupercritical fluid chromatography plant 865(1999)175

Thermodynamic parameters

Determination of the thermodynamic contribution to peak asymmetry of basic solutes in reversed-phase liquid chromatography 865(1999)97

Study of hydrophobic interaction adsorption of bovine serum albumin under overloaded conditions using flow microcalorimetry 865(1999)111

Thioridazine

Direct, preparative enantioselective chromatography of propranolol hydrochloride and thioridazine hydrochloride using carbon dioxide-based mobile phases 865(1999)227

Toluene

Separation of stereoisomers in a simulated moving bedsupercritical fluid chromatography plant 865(1999)175

Trichoderma reesei

Studies on the chromatographic fractionation of *Trichoderma* reesei cellulases by hydrophobic interaction 865(1999)123

Viscous fingering

Visualization of viscous fingering in high-performance liquid chromatographic columns. Influence of the header design 865(1999)73

Visualization

Visualization of sample introduction in liquid chromatographic columns. Contribution of a flow distributor on the sample band shape 865(1999)83