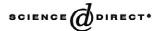


Available online at www.sciencedirect.com



JOURNAL OF CHROMATOGRAPHY A

Journal of Chromatography A, 1008 (2003) 255-259

www.elsevier.com/locate/chroma

Subject Index Vol. 1008

Activation procedure

Preparation of cellulose samples for size-exclusion chromatography analyses in studies of paper degradation 1008(2003)129

Adamantane

Gas chromatography study of silica modified with polyfluoroalkyl groups 1008(2003)97

Adsorption

Gas chromatography study of silica modified with polyfluoroalkyl groups 1008(2003)97

Adsorption energy distribution

Band splitting in overloaded isocratic elution chromatography. II. New competitive adsorption isotherms 1008(2003)23

Adsorption equilibrium

Band splitting in overloaded isocratic elution chromatography. II. New competitive adsorption isotherms 1008(2003)23

Adsorption isotherms

Band splitting in overloaded isocratic elution chromatography. II. New competitive adsorption isotherms 1008(2003)23

Alkaline earth metals

Interference of some matrix ions in cation-exchange chromatography 1008(2003)89

Alkaline metals

Interference of some matrix ions in cation-exchange chromatography 1008(2003)89

Antibiotics

Trace enrichment of (fluoro)quinolone antibiotics in surface waters by solid-phase extraction and their determination by liquid chromatography—ultraviolet detection 1008(2003)145

Artichoke waste

Identification of phenolic compounds in artichoke waste by high-performance liquid chromatography-tandem mass spectrometry 1008(2003)57

Automation

Trace-level determination of pesticides in food using difficult matrix introduction—gas chromatography—time-of-flight mass spectrometry 1008(2003)247

Band profile

Band splitting in overloaded isocratic elution chromatography. I. The experimental evidence 1008(2003)13

Band splitting

Band splitting in overloaded isocratic elution chromatography. I. The experimental evidence 1008(2003)13

Band splitting in overloaded isocratic elution chromatography. II. New competitive adsorption isotherms 1008(2003)23

Bovine milk proteins

Capillary electrochromatographic separation of bovine milk proteins using a G-quartet DNA stationary phase 1008(2003)233

Cellulose

Preparation of cellulose samples for size-exclusion chromatography analyses in studies of paper degradation 1008(2003)129

Choline

High-performance liquid chromatography with evaporative lightscattering detection for the determination of phospholipid classes in human milk, infant formulas and phospholipid sources of long-chain polyunsaturated fatty acids 1008(2003)73

Counter-current chromatography

Isolation of dammarane saponins from *Panax notoginseng* by high-speed counter-current chromatography 1008(2003)173

Cynara scolimus

Identification of phenolic compounds in artichoke waste by high-performance liquid chromatography-tandem mass spectrometry 1008(2003)57

Detection, electrophoresis

Dynamics of gel isoelectric focusing with ampholytic dyes monitored by camera in real-time 1008(2003)193

0021-9673/03/\$ – see front matter © 2003 Elsevier B.V. All rights reserved doi:10.1016/S0021-9673(03)01228-7

Difficult matrix introduction

Trace-level determination of pesticides in food using difficult matrix introduction—gas chromatography—time-of-flight mass spectrometry 1008(2003)247

Direct thermal desorption

Trace-level determination of pesticides in food using difficult matrix introduction—gas chromatography—time-of-flight mass spectrometry 1008(2003)247

Dissolution procedure

Preparation of cellulose samples for size-exclusion chromatography analyses in studies of paper degradation 1008(2003)129

DNA

Capillary electrochromatographic separation of bovine milk proteins using a G-quartet DNA stationary phase 1008(2003)233

Dves

Dynamics of gel isoelectric focusing with ampholytic dyes monitored by camera in real-time 1008(2003)193

Electrochromatography

Capillary electrochromatography of methylated benzo[a]pyrene isomers. I. Effect of mobile phase tuning 1008(2003)205

Capillary electrochromatography of methylated benzo[a]pyrene isomers. II. Effect of stationary phase tuning 1008(2003)217

Capillary electrochromatographic separation of bovine milk proteins using a G-quartet DNA stationary phase 1008(2003)233

Electron ionization

Potential chlorinated and brominated interferences on the polybrominated diphenyl ether determinations by gas chromatography—mass spectrometry 1008(2003)181

Environmental analysis

Microwave-assisted extraction versus Soxhlet extraction in the analysis of 21 organochlorine pesticides in plants 1008(2003)115

Ethylbenzene

Band splitting in overloaded isocratic elution chromatography. II. New competitive adsorption isotherms 1008(2003)23

Experimental design

Spherical coordinate representations of solvent composition for liquid chromatography method development using experimental design 1008(2003)43

Extraction methods

Analysis of polychlorinated biphenyls in aqueous samples by microwave-assisted headspace solid-phase microextraction 1008(2003)1

Microwave-assisted extraction versus Soxhlet extraction in the analysis of 21 organochlorine pesticides in plants 1008(2003)115

Fatty acids

High-performance liquid chromatography with evaporative lightscattering detection for the determination of phospholipid classes in human milk, infant formulas and phospholipid sources of long-chain polyunsaturated fatty acids 1008(2003)73

Flavonoids

Identification of phenolic compounds in artichoke waste by high-performance liquid chromatography-tandem mass spectrometry 1008(2003)57

Fluroquinolones

Trace enrichment of (fluoro)quinolone antibiotics in surface waters by solid-phase extraction and their determination by liquid chromatography—ultraviolet detection 1008(2003)145

Food analysis

High-performance liquid chromatography with evaporative lightscattering detection for the determination of phospholipid classes in human milk, infant formulas and phospholipid sources of long-chain polyunsaturated fatty acids 1008(2003)73

Sample preparation for routine high-performance liquid chromatographic determination of retinol palmitate in emulsified nutritional supplements by solid-phase extraction using monosodium L-glutamate as dissolving agent 1008(2003)81

Trace-level determination of pesticides in food using difficult matrix introduction—gas chromatography—time-of-flight mass spectrometry 1008(2003)247

Fraction collection

Band splitting in overloaded isocratic elution chromatography. I. The experimental evidence 1008(2003)13

Frontal analysis

Band splitting in overloaded isocratic elution chromatography. II. New competitive adsorption isotherms 1008(2003)23

Gas chromatography-time-of-flight mass spectrometry

Trace-level determination of pesticides in food using difficult matrix introduction-gas chromatography-time-of-flight mass spectrometry 1008(2003)247

Ginsenosides

Isolation of dammarane saponins from *Panax notoginseng* by high-speed counter-current chromatography 1008(2003)173

Glucosides

Determination of five major iridoid glucosides in *Flos Lonicerae* by high-performance liquid chromatography coupled with evaporative light scattering detection 1008(2003)167

Gradient elution

Spherical coordinate representations of solvent composition for liquid chromatography method development using experimental design 1008(2003)43

Gradient elution, sample-induced

Interference of some matrix ions in cation-exchange chromatography 1008(2003)89

Headspace analysis

Analysis of polychlorinated biphenyls in aqueous samples by microwave-assisted headspace solid-phase microextraction 1008(2003)1

Headspace solid-phase microextraction—gas chromatography—mass spectrometry applied to quality control in multilayer-packaging manufacture 1008(2003)123

Ideal adsorbed solution theory

Band splitting in overloaded isocratic elution chromatography. II. New competitive adsorption isotherms 1008(2003)23

Inorganic cations

Interference of some matrix ions in cation-exchange chromatography 1008(2003)89

Infant formulas

High-performance liquid chromatography with evaporative lightscattering detection for the determination of phospholipid classes in human milk, infant formulas and phospholipid sources of long-chain polyunsaturated fatty acids 1008(2003)73

Interference

Potential chlorinated and brominated interferences on the polybrominated diphenyl ether determinations by gas chromatography-mass spectrometry 1008(2003)181

Iridoid glucosides

Determination of five major iridoid glucosides in *Flos Lonicerae* by high-performance liquid chromatography coupled with evaporative light scattering detection 1008(2003)167

Isocratic quaternary systems

Spherical coordinate representations of solvent composition for liquid chromatography method development using experimental design 1008(2003)43

Isoelectric focussing

Dynamics of gel isoelectric focusing with ampholytic dyes monitored by camera in real-time 1008(2003)193

Isoelectric point markers

Dynamics of gel isoelectric focusing with ampholytic dyes monitored by camera in real-time 1008(2003)193

Lipids

High-performance liquid chromatography with evaporative lightscattering detection for the determination of phospholipid classes in human milk, infant formulas and phospholipid sources of long-chain polyunsaturated fatty acids 1008(2003)73

Lonicera spp

Determination of five major iridoid glucosides in *Flos Lonicerae* by high-performance liquid chromatography coupled with evaporative light scattering detection 1008(2003)167

Mass distribution

Modeling of the molar mass distribution of six-arm star-branched poly- ε -caprolactam using size-exclusion chromatography 1008(2003)157

Mathematical modeling

Band splitting in overloaded isocratic elution chromatography. II. New competitive adsorption isotherms 1008(2003)23

Matrix effects

Interference of some matrix ions in cation-exchange chromatography 1008(2003)89

Methylbenzo[a]pyrene isomers

Capillary electrochromatography of methylated benzo[a]pyrene isomers. I. Effect of mobile phase tuning 1008(2003)205

Capillary electrochromatography of methylated benzo[a]pyrene isomers. II. Effect of stationary phase tuning 1008(2003)217

Microwave-assisted extraction

Analysis of polychlorinated biphenyls in aqueous samples by microwave-assisted headspace solid-phase microextraction 1008(2003)1

Microwave-assisted extraction versus Soxhlet extraction in the analysis of 21 organochlorine pesticides in plants 1008(2003)115

Milk

High-performance liquid chromatography with evaporative lightscattering detection for the determination of phospholipid classes in human milk, infant formulas and phospholipid sources of long-chain polyunsaturated fatty acids 1008(2003)73

Mixture designs

Spherical coordinate representations of solvent composition for liquid chromatography method development using experimental design 1008(2003)43

Mobile phase composition

Capillary electrochromatography of methylated benzo[a] pyrene isomers. I. Effect of mobile phase tuning 1008(2003)205

Negative ion chemical ionization

Potential chlorinated and brominated interferences on the polybrominated diphenyl ether determinations by gas chromatography-mass spectrometry 1008(2003)181

Nitrosamines

Analysis of tobacco-specific N-nitrosamines in snuff by ethyl acetate extraction and liquid chromatography-tandem mass spectrometry 1008(2003)135

Notoginsenosides

Isolation of dammarane saponins from *Panax notoginseng* by high-speed counter-current chromatography 1008(2003)173

Organochlorine compounds

Microwave-assisted extraction versus Soxhlet extraction in the analysis of 21 organochlorine pesticides in plants 1008(2003)115

Packaging materials

Headspace solid-phase microextraction—gas chromatography—mass spectrometry applied to quality control in multilayer-packaging manufacture 1008(2003)123

Panax notoginseng

Isolation of dammarane saponins from *Panax notoginseng* by high-speed counter-current chromatography 1008(2003)173

Pesticides

Microwave-assisted extraction versus Soxhlet extraction in the analysis of 21 organochlorine pesticides in plants 1008(2003)115

Trace-level determination of pesticides in food using difficult matrix introduction-gas chromatography-time-of-flight mass spectrometry 1008(2003)247

Pharmaceutical analysis

Determination of five major iridoid glucosides in *Flos Lonicerae* by high-performance liquid chromatography coupled with evaporative light scattering detection 1008(2003)167

Isolation of dammarane saponins from *Panax notoginseng* by high-speed counter-current chromatography 1008(2003)173

Pheno

Band splitting in overloaded isocratic elution chromatography. I. The experimental evidence 1008(2003)13

Phenolic compounds

Identification of phenolic compounds in artichoke waste by high-performance liquid chromatography-tandem mass spectrometry 1008(2003)57

Phospholipids

High-performance liquid chromatography with evaporative lightscattering detection for the determination of phospholipid classes in human milk, infant formulas and phospholipid sources of long-chain polyunsaturated fatty acids 1008(2003)73

Plant materials

Microwave-assisted extraction versus Soxhlet extraction in the analysis of 21 organochlorine pesticides in plants 1008(2003)115

Determination of five major iridoid glucosides in *Flos Lonicerae* by high-performance liquid chromatography coupled with evaporative light scattering detection 1008(2003)167

Polyacrylamide gels

Dynamics of gel isoelectric focusing with ampholytic dyes monitored by camera in real-time 1008(2003)193

Polybrominated diphenyl ethers

Potential chlorinated and brominated interferences on the polybrominated diphenyl ether determinations by gas chromatography—mass spectrometry 1008(2003)181

Poly(ε-caprolactam)

Modeling of the molar mass distribution of six-arm starbranched poly-ε-caprolactam using size-exclusion chromatography 1008(2003)157

Polychlorinated biphenyls

Analysis of polychlorinated biphenyls in aqueous samples by microwave-assisted headspace solid-phase microextraction 1008(2003)1

Potential chlorinated and brominated interferences on the polybrominated diphenyl ether determinations by gas chromatography—mass spectrometry 1008(2003)181

Polycondensates, star-branched

Modeling of the molar mass distribution of six-arm starbranched poly- ϵ -caprolactam using size-exclusion chromatography 1008(2003)157

Polymers

Modeling of the molar mass distribution of six-arm starbranched poly-ε-caprolactam using size-exclusion chromatography 1008(2003)157

Polynuclear aromatic hydrocarbons

Capillary electrochromatography of methylated benzo[a]pyrene isomers. I. Effect of mobile phase tuning 1008(2003)205

Precision

Patterns in the precision of quantitative data from multicomponent gas chromatographic or gas chromatographic—mass spectrometric analysis 1008(2003)105

Preparative chromatography

Isolation of dammarane saponins from *Panax notoginseng* by high-speed counter-current chromatography 1008(2003)173

Principal component analysis

Patterns in the precision of quantitative data from multicomponent gas chromatographic or gas chromatographic—mass spectrometric analysis 1008(2003)105

Quinolones

Trace enrichment of (fluoro)quinolone antibiotics in surface waters by solid-phase extraction and their determination by liquid chromatography-ultraviolet detection 1008(2003)145

Retention indices

Gas chromatography study of silica modified with polyfluoroalkyl groups 1008(2003)97

Retinol palmitate

Sample preparation for routine high-performance liquid chromatographic determination of retinol palmitate in emulsified nutritional supplements by solid-phase extraction using monosodium L-glutamate as dissolving agent 1008(2003)81

Saponins

Isolation of dammarane saponins from *Panax notoginseng* by high-speed counter-current chromatography 1008(2003)173

Silica, polyfluoroalkyl

Gas chromatography study of silica modified with polyfluoroalkyl groups 1008(2003)97

Solid-phase microextraction

Analysis of polychlorinated biphenyls in aqueous samples by microwave-assisted headspace solid-phase microextraction 1008(2003)1

Star-branched polycondensates

Modeling of the molar mass distribution of six-arm starbranched poly- ε -caprolactam using size-exclusion chromatography 1008(2003)157

Stationary phase optimization

Capillary electrochromatography of methylated benzo[a]pyrene isomers. II. Effect of stationary phase tuning 1008(2003)217

Stationary phases, CEG

Capillary electrochromatographic separation of bovine milk proteins using a G-quartet DNA stationary phase 1008(2003)233

Stationary phases, electrochromatography

Capillary electrochromatography of methylated benzo[a]pyrene isomers. II. Effect of stationary phase tuning 1008(2003)217

Stationary phases, GC

Gas chromatography study of silica modified with polyfluoroalkyl groups 1008(2003)97

Statistical analysis

Patterns in the precision of quantitative data from multicomponent gas chromatographic or gas chromatographic—mass spectrometric analysis 1008(2003)105

Ternary gradient systems

Spherical coordinate representations of solvent composition for liquid chromatography method development using experimental design 1008(2003)43

Thermodynamic parameters

Gas chromatography study of silica modified with polyfluoroalkyl groups 1008(2003)97

Tobacco

Analysis of tobacco-specific N-nitrosamines in snuff by ethyl acetate extraction and liquid chromatography-tandem mass spectrometry 1008(2003)135

Toluene

Band splitting in overloaded isocratic elution chromatography. II. New competitive adsorption isotherms 1008(2003)23

Trace analysis

Trace enrichment of (fluoro)quinolone antibiotics in surface waters by solid-phase extraction and their determination by liquid chromatography–ultraviolet detection 1008(2003)145

Vegetables

Identification of phenolic compounds in artichoke waste by high-performance liquid chromatography-tandem mass spectrometry 1008(2003)57

Video monitoring

Dynamics of gel isoelectric focusing with ampholytic dyes monitored by camera in real-time 1008(2003)193

Volatile organic compounds

Headspace solid-phase microextraction—gas chromatography—mass spectrometry applied to quality control in multilayer-packaging manufacture 1008(2003)123

Water analysis

Trace enrichment of (fluoro)quinolone antibiotics in surface waters by solid-phase extraction and their determination by liquid chromatography-ultraviolet detection 1008(2003)145