



ELSEVIER

Journal of Chromatography A, 962 (2002) 251–256

JOURNAL OF
CHROMATOGRAPHY A

www.elsevier.com/locate/chroma

Subject Index Vol. 962

Acid-induced cloud point extraction

Acid-induced cloud point extraction and preconcentration of polycyclic aromatic hydrocarbons from environmental solid samples 962(2002)1

Adsorbents

Sensitive indoor air monitoring of monoterpenes using different adsorbents and thermal desorption gas chromatography with mass-selective detection 962(2002)175

Adsorption

Analysis of diffusion models for protein adsorption to porous anion-exchange adsorbent 962(2002)29

Adsorption isotherms

Characterization of polyarylamide fibers by inverse gas chromatography 962(2002)153

Air analysis

Sensitive indoor air monitoring of monoterpenes using different adsorbents and thermal desorption gas chromatography with mass-selective detection 962(2002)175

Amines

Automated capillary liquid chromatography for simultaneous determination of neuroactive amines and amino acids 962(2002)105

Influence of chromatographic conditions on separation in comprehensive gas chromatography 962(2002)135

Amino acids

Automated capillary liquid chromatography for simultaneous determination of neuroactive amines and amino acids 962(2002)105

Electrophoretic studies on the chelating tendency of bioactive sulphur-containing amino acids. The metal–methylcysteine–cysteine system 962(2002)233

Astragalus mongolicus

Preparative isolation and purification of calycosin from *Astragalus membranaceus* Bge. var. *mongolicus* (Bge.) Hsiao by high-speed counter-current chromatography 962(2002)243

Basic drugs

Colominic acid: a novel chiral selector for capillary electrophoresis of basic drugs 962(2002)221

Benzenes

Influence of chromatographic conditions on separation in comprehensive gas chromatography 962(2002)135

Bis(2-ethylhexyl) sodium sulfosuccinate

Rapid estimation of octanol–water partition coefficients using synthesized vesicles in electrokinetic chromatography 962(2002)207

Calycosin

Preparative isolation and purification of calycosin from *Astragalus membranaceus* Bge. var. *mongolicus* (Bge.) Hsiao by high-speed counter-current chromatography 962(2002)243

Carboxyglutamic acid

High-performance liquid chromatography–mass spectrometry and electron-capture dissociation tandem mass spectrometry of osteocalcin. Determination of γ -carboxyglutamic acid residues 962(2002)95

Catecholamines

Automated capillary liquid chromatography for simultaneous determination of neuroactive amines and amino acids 962(2002)105

Cetyltrimethylammonium bromide

Rapid estimation of octanol–water partition coefficients using synthesized vesicles in electrokinetic chromatography 962(2002)207

Cholesterol

Chromatographic characteristics of cholesterol-imprinted polymers prepared by covalent and non-covalent imprinting methods 962(2002)69

Chromium

Electrophoretic studies on the chelating tendency of bioactive sulphur-containing amino acids. The metal–methylcysteine–cysteine system 962(2002)233

Clophen A50

Development of a high-performance liquid chromatography carbon column based method for the fractionation of dioxin-like polychlorinated biphenyls 962(2002)79

Colominic acid

Colominic acid: a novel chiral selector for capillary electrophoresis of basic drugs 962(2002)221

Column length

Influence of chromatographic conditions on separation in comprehensive gas chromatography 962(2002)135

Comprehensive two-dimensional chromatography

Theoretical study of incomplete sampling of the first dimension in comprehensive two-dimensional chromatography 962(2002)21

Counter-current chromatography

Purification of icariin from the extract of *Epimedium segittatum* using high-speed counter-current chromatography 962(2002)239

Preparative isolation and purification of calycosin from *Astragalus membranaceus* Bge. var. *mongolicus* (Bge.) Hsiao by high-speed counter-current chromatography 962(2002)243

Covalent imprinting

Chromatographic characteristics of cholesterol-imprinted polymers prepared by covalent and non-covalent imprinting methods 962(2002)69

Cryogenic systems

Effects of temperature and flow regulated carbon dioxide cooling in longitudinally modulated cryogenic systems for comprehensive two-dimensional gas chromatography 962(2002)127

Curcumin

Capillary electrophoresis with amperometric detection of curcumin in Chinese herbal medicine pretreated by solid-phase extraction 962(2002)117

Cysteine

Electrophoretic studies on the chelating tendency of bioactive sulphur-containing amino acids. The metal–methylcysteine–cysteine system 962(2002)233

Deaminometribuzin

Determination of metribuzin and major conversion products in soils by microwave-assisted water extraction followed by liquid chromatographic analysis of extracts 962(2002)9

Decane

Characterization of polyarylamide fibers by inverse gas chromatography 962(2002)153

Derivatization, GC

Analysis of organotin compounds by grignard derivatization and gas chromatography–ion trap tandem mass spectrometry 962(2002)197

Diffusion models

Analysis of diffusion models for protein adsorption to porous anion-exchange adsorbent 962(2002)29

Diketometribuzin

Determination of metribuzin and major conversion products in soils by microwave-assisted water extraction followed by liquid chromatographic analysis of extracts 962(2002)9

Drugs of abuse

Chemometric detection of thermally degraded samples in the analysis of drugs of abuse with gas chromatography–Fourier-transform infrared spectroscopy 962(2002)161

Electrokinetic chromatography

Rapid estimation of octanol–water partition coefficients using synthesized vesicles in electrokinetic chromatography 962(2002)207

Electron-capture dissociation

High-performance liquid chromatography–mass spectrometry and electron-capture dissociation tandem mass spectrometry of osteocalcin. Determination of γ -carboxyglutamic acid residues 962(2002)95

Elution order

Influence of chromatographic conditions on separation in comprehensive gas chromatography 962(2002)135

Enantiomer separation

Colominic acid: a novel chiral selector for capillary electrophoresis of basic drugs 962(2002)221

Enantiomeric separation

Application of the general rate model and the generalized Maxwell–Stefan equation to the study of the mass transfer kinetics of a pair of enantiomers 962(2002)57

Environmental analysis

Development of an analytical methodology for sarin (GB) and soman (GD) in various military-related wastes 962(2002)183

Epimedium segittatum

Purification of icariin from the extract of *Epimedium segittatum* using high-speed counter-current chromatography 962(2002)239

Extraction methods

Acid-induced cloud point extraction and preconcentration of polycyclic aromatic hydrocarbons from environmental solid samples 962(2002)1

Fish

Development of a high-performance liquid chromatography carbon column based method for the fractionation of dioxin-like polychlorinated biphenyls 962(2002)79

Flow rate

Influence of chromatographic conditions on separation in comprehensive gas chromatography 962(2002)135

Food analysis

Development of a high-performance liquid chromatography carbon column based method for the fractionation of dioxin-like polychlorinated biphenyls 962(2002)79

Fourier-transform infrared spectroscopy

Chemometric detection of thermally degraded samples in the analysis of drugs of abuse with gas chromatography–Fourier-transform infrared spectroscopy 962(2002)161

Gas chromatography, comprehensive two-dimensional

Effects of temperature and flow regulated carbon dioxide cooling in longitudinally modulated cryogenic systems for comprehensive two-dimensional gas chromatography 962(2002)127

Influence of chromatographic conditions on separation in comprehensive gas chromatography 962(2002)135

General rate model

Application of the general rate model and the generalized Maxwell–Stefan equation to the study of the mass transfer kinetics of a pair of enantiomers 962(2002)57

Generalized Maxwell–Stefan equation

Application of the general rate model and the generalized Maxwell–Stefan equation to the study of the mass transfer kinetics of a pair of enantiomers 962(2002)57

Gradient elution

Combination of linear solvent strength model and quantitative structure–retention relationships as a comprehensive procedure of approximate prediction of retention in gradient liquid chromatography 962(2002)41

Grignard derivatization

Analysis of organotin compounds by grignard derivatization and gas chromatography–ion trap tandem mass spectrometry 962(2002)197

Heat of adsorption

Characterization of polyarylamide fibers by inverse gas chromatography 962(2002)153

Homogeneous diffusion

Analysis of diffusion models for protein adsorption to porous anion-exchange adsorbent 962(2002)29

Icariin

Purification of icariin from the extract of *Epimedium segittatum* using high-speed counter-current chromatography 962(2002)239

Iron

Electrophoretic studies on the chelating tendency of bioactive sulphur-containing amino acids. The metal–methylcysteine–cysteine system 962(2002)233

Kinetic studies

Application of the general rate model and the generalized Maxwell–Stefan equation to the study of the mass transfer kinetics of a pair of enantiomers 962(2002)57

Linear solvation energy relationships

Rapid estimation of octanol–water partition coefficients using synthesized vesicles in electrokinetic chromatography 962(2002)207

Linear solvent strength

Combination of linear solvent strength model and quantitative structure–retention relationships as a comprehensive procedure of approximate prediction of retention in gradient liquid chromatography 962(2002)41

Liquid crystals

Effects of temperature and flow regulated carbon dioxide cooling in longitudinally modulated cryogenic systems for comprehensive two-dimensional gas chromatography 962(2002)127

Mass spectrometry

High-performance liquid chromatography–mass spectrometry and electron-capture dissociation tandem mass spectrometry of osteocalcin. Determination of γ -carboxyglutamic acid residues 962(2002)95

Metal complexes

Electrophoretic studies on the chelating tendency of bioactive sulphur-containing amino acids. The metal–methylcysteine–cysteine system 962(2002)233

N-methyl-1-(3,4-methylenedioxyphenyl)-2-butanamine

Chemometric detection of thermally degraded samples in the analysis of drugs of abuse with gas chromatography–Fourier-transform infrared spectroscopy 962(2002)161

Metribuzin

Determination of metribuzin and major conversion products in soils by microwave-assisted water extraction followed by liquid chromatographic analysis of extracts 962(2002)9

Methylcysteine

Electrophoretic studies on the chelating tendency of bioactive sulphur-containing amino acids. The metal–methylcysteine–cysteine system 962(2002)233

Microwave-assisted water extraction (MAWE)

Determination of metribuzin and major conversion products in soils by microwave-assisted water extraction followed by liquid chromatographic analysis of extracts 962(2002)9

Modulation

Theoretical study of incomplete sampling of the first dimension in comprehensive two-dimensional chromatography
962(2002)21

Molecular imprinting

Chromatographic characteristics of cholesterol-imprinted polymers prepared by covalent and non-covalent imprinting methods 962(2002)69

Molecularly imprinted polymers

Chromatographic characteristics of cholesterol-imprinted polymers prepared by covalent and non-covalent imprinting methods 962(2002)69

Monoterpenes

Sensitive indoor air monitoring of monoterpenes using different adsorbents and thermal desorption gas chromatography with mass-selective detection 962(2002)175

Multiple regression analysis

Combination of linear solvent strength model and quantitative structure-retention relationships as a comprehensive procedure of approximate prediction of retention in gradient liquid chromatography 962(2002)41

Naphthalenes

Influence of chromatographic conditions on separation in comprehensive gas chromatography 962(2002)135

Neurotransmitters

Automated capillary liquid chromatography for simultaneous determination of neuroactive amines and amino acids 962(2002)105

Nonane

Characterization of polyarylamide fibers by inverse gas chromatography 962(2002)153

Non-covalent imprinting

Chromatographic characteristics of cholesterol-imprinted polymers prepared by covalent and non-covalent imprinting methods 962(2002)69

Oils

Development of a high-performance liquid chromatography carbon column based method for the fractionation of dioxin-like polychlorinated biphenyls 962(2002)79

Organochlorine compounds

Influence of chromatographic conditions on separation in comprehensive gas chromatography 962(2002)135

Organophosphorous compounds

Development of an analytical methodology for sarin (GB) and soman (GD) in various military-related wastes 962(2002)183

Organosulphur compounds

Electrophoretic studies on the chelating tendency of bioactive sulphur-containing amino acids. The metal–methylcysteine–cysteine system 962(2002)233

Organotin compounds

Analysis of organotin compounds by grignard derivatization and gas chromatography–ion trap tandem mass spectrometry 962(2002)197

Osteocalcin

High-performance liquid chromatography–mass spectrometry and electron-capture dissociation tandem mass spectrometry of osteocalcin. Determination of γ -carboxyglutamic acid residues 962(2002)95

Parallel diffusion

Analysis of diffusion models for protein adsorption to porous anion-exchange adsorbent 962(2002)29

Partition coefficients

Rapid estimation of octanol–water partition coefficients using synthesized vesicles in electrokinetic chromatography 962(2002)207

Peak shape

Effects of temperature and flow regulated carbon dioxide cooling in longitudinally modulated cryogenic systems for comprehensive two-dimensional gas chromatography 962(2002)127

Pesticides

Determination of metribuzin and major conversion products in soils by microwave-assisted water extraction followed by liquid chromatographic analysis of extracts 962(2002)9

Influence of chromatographic conditions on separation in comprehensive gas chromatography 962(2002)135

Rapid estimation of octanol–water partition coefficients using synthesized vesicles in electrokinetic chromatography 962(2002)207

Pharmaceutical analysis

Capillary electrophoresis with amperometric detection of curcumin in Chinese herbal medicine pretreated by solid-phase extraction 962(2002)117

Phenols

Influence of chromatographic conditions on separation in comprehensive gas chromatography 962(2002)135

Phthalates

Influence of chromatographic conditions on separation in comprehensive gas chromatography 962(2002)135

Poly(N-acetylneuraminic acid)

Colominic acid: a novel chiral selector for capillary electrophoresis of basic drugs 962(2002)221

Polyarylamide fibers

Characterization of polyarylamide fibers by inverse gas chromatography 962(2002)153

Polychlorinated biphenyls

Development of a high-performance liquid chromatography carbon column based method for the fractionation of dioxin-like polychlorinated biphenyls 962(2002)79

Effects of temperature and flow regulated carbon dioxide cooling in longitudinally modulated cryogenic systems for comprehensive two-dimensional gas chromatography 962(2002)127

Polynuclear aromatic hydrocarbons

Acid-induced cloud point extraction and preconcentration of polycyclic aromatic hydrocarbons from environmental solid samples 962(2002)1

Pore diffusion

Analysis of diffusion models for protein adsorption to porous anion-exchange adsorbent 962(2002)29

Preconcentration

Acid-induced cloud point extraction and preconcentration of polycyclic aromatic hydrocarbons from environmental solid samples 962(2002)1

Preparative chromatography

Preparative isolation and purification of calycosin from *Astragalus membranaceus* Bge. var. *mongolicus* (Bge.) Hsiao by high-speed counter-current chromatography 962(2002)243

Principal component analysis

Chemometric detection of thermally degraded samples in the analysis of drugs of abuse with gas chromatography–Fourier-transform infrared spectroscopy 962(2002)161

Protein adsorption

Analysis of diffusion models for protein adsorption to porous anion-exchange adsorbent 962(2002)29

Quantitative structure–retention relationships

Combination of linear solvent strength model and quantitative structure–retention relationships as a comprehensive procedure of approximate prediction of retention in gradient liquid chromatography 962(2002)41

Retention prediction

Combination of linear solvent strength model and quantitative structure–retention relationships as a comprehensive procedure of approximate prediction of retention in gradient liquid chromatography 962(2002)41

Sampling theory

Theoretical study of incomplete sampling of the first dimension in comprehensive two-dimensional chromatography 962(2002)21

Sarin

Development of an analytical methodology for sarin (GB) and soman (GD) in various military-related wastes 962(2002)183

Sediments

Acid-induced cloud point extraction and preconcentration of polycyclic aromatic hydrocarbons from environmental solid samples 962(2002)1

Soft independent modeling of class analogy

Chemometric detection of thermally degraded samples in the analysis of drugs of abuse with gas chromatography–Fourier-transform infrared spectroscopy 962(2002)161

Soil

Acid-induced cloud point extraction and preconcentration of polycyclic aromatic hydrocarbons from environmental solid samples 962(2002)1

Determination of metribuzin and major conversion products in soils by microwave-assisted water extraction followed by liquid chromatographic analysis of extracts 962(2002)9

Development of an analytical methodology for sarin (GB) and soman (GD) in various military-related wastes 962(2002)183

Soman

Development of an analytical methodology for sarin (GB) and soman (GD) in various military-related wastes 962(2002)183

Specific surface area

Characterization of polyarylamide fibers by inverse gas chromatography 962(2002)153

Stationary phases, GC

Influence of chromatographic conditions on separation in comprehensive gas chromatography 962(2002)135

Stationary phases, LC

Chromatographic characteristics of cholesterol-imprinted polymers prepared by covalent and non-covalent imprinting methods 962(2002)69

Surface diffusion

Analysis of diffusion models for protein adsorption to porous anion-exchange adsorbent 962(2002)29

Temperature programming

Influence of chromatographic conditions on separation in comprehensive gas chromatography 962(2002)135

Terpenes

Sensitive indoor air monitoring of monoterpenes using different adsorbents and thermal desorption gas chromatography with mass-selective detection 962(2002)175

Thermal degradation

Chemometric detection of thermally degraded samples in the analysis of drugs of abuse with gas chromatography–Fourier-transform infrared spectroscopy 962(2002)161

Thermal desorption

Sensitive indoor air monitoring of monoterpenes using different adsorbents and thermal desorption gas chromatography with mass-selective detection 962(2002)175

Tridecane

Influence of chromatographic conditions on separation in comprehensive gas chromatography 962(2002)135

Turmeric

Capillary electrophoresis with amperometric detection of curcumin in Chinese herbal medicine pretreated by solid-phase extraction 962(2002)117

Undecane

Characterization of polyarylamide fibers by inverse gas chromatography 962(2002)153

Validation

Development of an analytical methodology for sarin (GB) and soman (GD) in various military-related wastes 962(2002)183

Vesicles

Rapid estimation of octanol–water partition coefficients using synthesized vesicles in electrokinetic chromatography 962(2002)207

Warfare agents

Development of an analytical methodology for sarin (GB) and soman (GD) in various military-related wastes 962(2002)183