



ELSEVIER

Journal of Chromatography A, 866 (2000) 301–305

JOURNAL OF
CHROMATOGRAPHY A

www.elsevier.com/locate/chroma

Subject Index Vol. 866

Acetonitrile

Study of dead volume measurement in packed subcritical fluid chromatography with ODS columns and carbon dioxide–modifier mobile phases 866(2000)241

α_1 -Acid glycoprotein

Comparative studies on the analysis of glycosylation heterogeneity of sialic acid-containing glycoproteins using capillary electrophoresis 866(2000)261

Albumin

Kinetic study of the mass transfer of bovine serum albumin in anion-exchange chromatography 866(2000)147

Albumin stationary phase

Synthesis of a silica-bonded bovine serum albumin *s*-triazine chiral stationary phase for high-performance liquid chromatographic resolution of enantiomers 866(2000)173

Alcohols

Determination of halogenated mono-alcohols and diols in water by gas chromatography with electron-capture detection 866(2000)65

Alkaloids

Analysis of coptisine, berberine and palmatine in adulterated Chinese medicine by capillary electrophoresis–electrospray ion trap mass spectrometry 866(2000)273

Capillary electrophoretic determination of sanguinarine and chelerythrine in plant extracts and pharmaceutical preparations 866(2000)293

Amino acids

Gas chromatographic quantification of amino acid enantiomers in food matrices by their *N*(*O,S*)-ethoxycarbonyl heptafluorobutyl ester derivatives 866(2000)221

Amino alcohols

Enantiomeric separation of amino alcohols on protein phases using statistical experimental design. A comparative study 866(2000)15

Amygdalin

Micellar electrokinetic chromatography for the analysis of *D*-amygdalin and its epimer in apricot kernel 866(2000)253

Anion exchangers

Kinetic study of the mass transfer of bovine serum albumin in anion-exchange chromatography 866(2000)147

Anthocyanins

Analysis of pigmented high-molecular-mass grape phenolics using ion-pair, normal-phase high-performance liquid chromatography 866(2000)25

Arabinoxylans

Determination of reducing end sugar residues in oligo- and polysaccharides by gas–liquid chromatography 866(2000)97

Atrazine

Tandem solid-phase extraction of atrazine ozonation products in water 866(2000)195

Automation

Determination of pesticides in waters by automatic on-line solid-phase extraction–capillary electrophoresis 866(2000)137

Berberine

Analysis of coptisine, berberine and palmatine in adulterated Chinese medicine by capillary electrophoresis–electrospray ion trap mass spectrometry 866(2000)273

Bromopropanediols

Determination of halogenated mono-alcohols and diols in water by gas chromatography with electron-capture detection 866(2000)65

Butanol

Comparison of the performance of butanol and pentanol as modifiers in the micellar chromatographic determination of some phenethylamines 866(2000)35

Carbohydrates

Determination of reducing end sugar residues in oligo- and polysaccharides by gas–liquid chromatography 866(2000)97

Carbon dioxide

Study of dead volume measurement in packed subcritical fluid chromatography with ODS columns and carbon dioxide–modifier mobile phases 866(2000)241

Chelerythrine

Capillary electrophoretic determination of sanguinarine and chelerythrine in plant extracts and pharmaceutical preparations 866(2000)293

Chiral stationary phases, LC

Synthesis of a silica-bonded bovine serum albumin *s*-triazine chiral stationary phase for high-performance liquid chromatographic resolution of enantiomers 866(2000)173

Chloropropanediols

Determination of halogenated mono-alcohols and diols in water by gas chromatography with electron-capture detection 866(2000)65

Coptisine

Analysis of coptisine, berberine and palmatine in adulterated Chinese medicine by capillary electrophoresis–electrospray ion trap mass spectrometry 866(2000)273

Coupled columns

New operational modes for multidimensional and comprehensive gas chromatography by using cryogenic modulation 866(2000)203

Cryogenic trapping

New operational modes for multidimensional and comprehensive gas chromatography by using cryogenic modulation 866(2000)203

Derivatization, GC

Gas chromatographic profiling and screening for phenols as isobutoxycarbonyl derivatives in aqueous samples 866(2000)87

Gas chromatographic quantification of amino acid enantiomers in food matrices by their *N*(*O,S*)-ethoxycarbonyl heptafluorobutyl ester derivatives 866(2000)221

Diffusion coefficients

Kinetic study of the mass transfer of bovine serum albumin in anion-exchange chromatography 866(2000)147

Difluorophenylacetic acids

Chromatographic separation of 3,4-difluorophenylacetic acid and its positional isomers using five different techniques 866(2000)281

Diols

Determination of halogenated mono-alcohols and diols in water by gas chromatography with electron-capture detection 866(2000)65

Enantiomer separation

Enantiomeric separation of amino alcohols on protein phases using statistical experimental design. A comparative study 866(2000)15

Synthesis of a silica-bonded bovine serum albumin *s*-triazine chiral stationary phase for high-performance liquid chromatographic resolution of enantiomers 866(2000)173

Comparison of the enantioseparation of racemic uridine analogs on Whelk-O 1 and ChiralPak-AD columns 866(2000)183

Enantiomer separation of polychlorinated biphenyl atropisomers and polychlorinated biphenyl retention behavior on modified cyclodextrin capillary gas chromatography columns 866(2000)213

Gas chromatographic quantification of amino acid enantiomers in food matrices by their *N*(*O,S*)-ethoxycarbonyl heptafluorobutyl ester derivatives 866(2000)221

Micellar electrokinetic chromatography for the analysis of *D*-amygdalin and its epimer in apricot kernel 866(2000)253

Endoxylanases

Determination of reducing end sugar residues in oligo- and polysaccharides by gas–liquid chromatography 866(2000)97

Environmental analysis

Application of pressurized liquid extraction followed by gas chromatography–mass spectrometry to determine 4-nonylphenols in sediments 866(2000)79

Determination of pesticides in waters by automatic on-line solid-phase extraction–capillary electrophoresis 866(2000)137

Erythropoietin

Comparative studies on the analysis of glycosylation heterogeneity of sialic acid-containing glycoproteins using capillary electrophoresis 866(2000)261

***N*(*O,S*)-Ethoxycarbonyl heptafluorobutyl ester**

Gas chromatographic quantification of amino acid enantiomers in food matrices by their *N*(*O,S*)-ethoxycarbonyl heptafluorobutyl ester derivatives 866(2000)221

Extraction methods

Application of pressurized liquid extraction followed by gas chromatography–mass spectrometry to determine 4-nonylphenols in sediments 866(2000)79

Selective extraction of hydrocarbons, phosphonates and phosphonic acids from soils by successive supercritical fluid and pressurized liquid extractions 866(2000)231

Food analysis

High-performance liquid chromatography of selenium compounds utilizing perfluorinated carboxylic acid ion-pairing agents and inductively coupled plasma and electrospray ionization mass spectrometric detection 866(2000)51

Gas chromatography

New operational modes for multidimensional and comprehensive gas chromatography by using cryogenic modulation 866(2000)203

Glycoproteins

One-step capillary isoelectric focusing for the separation of the recombinant human immunodeficiency virus envelope glycoprotein glycoforms 866(2000)121

Comparative studies on the analysis of glycosylation heterogeneity of sialic acid-containing glycoproteins using capillary electrophoresis 866(2000)261

Halogenated compounds

Determination of halogenated mono-alcohols and diols in water by gas chromatography with electron-capture detection 866(2000)65

Halohydrins

Determination of halogenated mono-alcohols and diols in water by gas chromatography with electron-capture detection 866(2000)65

Human immunodeficiency virus

One-step capillary isoelectric focusing for the separation of the recombinant human immunodeficiency virus envelope glycoprotein glycoforms 866(2000)121

Hydrocarbons

Selective extraction of hydrocarbons, phosphonates and phosphonic acids from soils by successive supercritical fluid and pressurized liquid extractions 866(2000)231

Hydrocarbons, aromatic

New operational modes for multidimensional and comprehensive gas chromatography by using cryogenic modulation 866(2000)203

Ion-pairing reagents

High-performance liquid chromatography of selenium compounds utilizing perfluorinated carboxylic acid ion-pairing agents and inductively coupled plasma and electrospray ionization mass spectrometric detection 866(2000)51

Isobutoxycarbonyl derivatization

Gas chromatographic profiling and screening for phenols as isobutoxycarbonyl derivatives in aqueous samples 866(2000)87

Isoelectric focusing

One-step capillary isoelectric focusing for the separation of the recombinant human immunodeficiency virus envelope glycoprotein glycoforms 866(2000)121

Kinetic studies

Kinetic study of the mass transfer of bovine serum albumin in anion-exchange chromatography 866(2000)147

Mass transfer

Kinetic study of the mass transfer of bovine serum albumin in anion-exchange chromatography 866(2000)147

Methanol

Study of dead volume measurement in packed subcritical fluid chromatography with ODS columns and carbon dioxide-modifier mobile phases 866(2000)241

Mobile phase composition

Comparison of the performance of butanol and pentanol as modifiers in the micellar chromatographic determination of some phenethylamines 866(2000)35

Nonylphenol

Application of pressurized liquid extraction followed by gas chromatography-mass spectrometry to determine 4-nonylphenols in sediments 866(2000)79

Organic acids

Chromatographic separation of 3,4-difluorophenylacetic acid and its positional isomers using five different techniques 866(2000)281

Organochlorine compounds

Prediction of gas chromatographic retention indices of polychlorinated dibenzothiophenes on non-polar columns 866(2000)105

Organoselenium compounds

High-performance liquid chromatography of selenium compounds utilizing perfluorinated carboxylic acid ion-pairing agents and inductively coupled plasma and electrospray ionization mass spectrometric detection 866(2000)51

Organosulfur compounds

Prediction of gas chromatographic retention indices of polychlorinated dibenzothiophenes on non-polar columns 866(2000)105

Ozonation

Tandem solid-phase extraction of atrazine ozonation products in water 866(2000)195

Palmatine

Analysis of coptisine, berberine and palmatine in adulterated Chinese medicine by capillary electrophoresis-electrospray ion trap mass spectrometry 866(2000)273

Pentanol

Comparison of the performance of butanol and pentanol as modifiers in the micellar chromatographic determination of some phenethylamines 866(2000)35

Peptides

Reversed-phase liquid chromatography of proteins and peptides using multimodal copolymer-encapsulated silica 866(2000)1

Pesticides

Determination of pesticides in waters by automatic on-line solid-phase extraction–capillary electrophoresis 866(2000)137

Tandem solid-phase extraction of atrazine ozonation products in water 866(2000)195

Pharmaceutical analysis

Analysis of coptisine, berberine and palmatine in adulterated Chinese medicine by capillary electrophoresis–electrospray ion trap mass spectrometry 866(2000)273

Capillary electrophoretic determination of sanguinarine and chelerythrine in plant extracts and pharmaceutical preparations 866(2000)293

Phenethylamines

Comparison of the performance of butanol and pentanol as modifiers in the micellar chromatographic determination of some phenethylamines 866(2000)35

Phenolic compounds

Analysis of pigmented high-molecular-mass grape phenolics using ion-pair, normal-phase high-performance liquid chromatography 866(2000)25

Phenols

Gas chromatographic profiling and screening for phenols as isobutoxycarbonyl derivatives in aqueous samples 866(2000)87

Phosphonates

Selective extraction of hydrocarbons, phosphonates and phosphonic acids from soils by successive supercritical fluid and pressurized liquid extractions 866(2000)231

Phosphonic acids

Selective extraction of hydrocarbons, phosphonates and phosphonic acids from soils by successive supercritical fluid and pressurized liquid extractions 866(2000)231

Plant materials

Capillary electrophoretic determination of sanguinarine and chelerythrine in plant extracts and pharmaceutical preparations 866(2000)293

Polychlorinated biphenyl atropisomers

Enantiomer separation of polychlorinated biphenyl atropisomers and polychlorinated biphenyl retention behavior on modified cyclodextrin capillary gas chromatography columns 866(2000)213

Polychlorinated dibenzothiophenes

Prediction of gas chromatographic retention indices of polychlorinated dibenzothiophenes on non-polar columns 866(2000)105

Polymer-encapsulated silica

Reversed-phase liquid chromatography of proteins and peptides using multimodal copolymer-encapsulated silica 866(2000)1

Positional isomer separation

Chromatographic separation of 3,4-difluorophenylacetic acid and its positional isomers using five different techniques 866(2000)281

Pressurized liquid extraction

Application of pressurized liquid extraction followed by gas chromatography–mass spectrometry to determine 4-nonylphenols in sediments 866(2000)79

Selective extraction of hydrocarbons, phosphonates and phosphonic acids from soils by successive supercritical fluid and pressurized liquid extractions 866(2000)231

Proanthocyanidins

Analysis of pigmented high-molecular-mass grape phenolics using ion-pair, normal-phase high-performance liquid chromatography 866(2000)25

Protein phases

Enantiomeric separation of amino alcohols on protein phases using statistical experimental design. A comparative study 866(2000)15

Proteins

Reversed-phase liquid chromatography of proteins and peptides using multimodal copolymer-encapsulated silica 866(2000)1

One-step capillary isoelectric focusing for the separation of the recombinant human immunodeficiency virus envelope glycoprotein glycoforms 866(2000)121

Comparative studies on the analysis of glycosylation heterogeneity of sialic acid-containing glycoproteins using capillary electrophoresis 866(2000)261

Retention behavior

Enantiomer separation of polychlorinated biphenyl atropisomers and polychlorinated biphenyl retention behavior on modified cyclodextrin capillary gas chromatography columns 866(2000)213

Retention indices

Gas chromatographic profiling and screening for phenols as isobutoxycarbonyl derivatives in aqueous samples 866(2000)87

Prediction of gas chromatographic retention indices of polychlorinated dibenzothiophenes on non-polar columns 866(2000)105

Sanguinarine

Capillary electrophoretic determination of sanguinarine and chelerythrine in plant extracts and pharmaceutical preparations 866(2000)293

Sediments

Application of pressurized liquid extraction followed by gas chromatography–mass spectrometry to determine 4-nonylphenols in sediments 866(2000)79

Selenium compounds

High-performance liquid chromatography of selenium compounds utilizing perfluorinated carboxylic acid ion-pairing agents and inductively coupled plasma and electrospray ionization mass spectrometric detection 866(2000)51

Soil analysis

Selective extraction of hydrocarbons, phosphonates and phosphonic acids from soils by successive supercritical fluid and pressurized liquid extractions 866(2000)231

Sialic acid

Comparative studies on the analysis of glycosylation heterogeneity of sialic acid-containing glycoproteins using capillary electrophoresis 866(2000)261

Sodium dodecyl sulfate

Comparison of the performance of butanol and pentanol as modifiers in the micellar chromatographic determination of some phenethylamines 866(2000)35

Stationary phases, LC

Reversed-phase liquid chromatography of proteins and peptides using multimodal copolymer-encapsulated silica 866(2000)1

Subcritical fluid chromatography

Study of dead volume measurement in packed subcritical fluid chromatography with ODS columns and carbon dioxide–modifier mobile phases 866(2000)241

Sulfur compounds

Prediction of gas chromatographic retention indices of polychlorinated dibenzothiophenes on non-polar columns 866(2000)105

Tannins

Analysis of pigmented high-molecular-mass grape phenolics using ion-pair, normal-phase high-performance liquid chromatography 866(2000)25

Triazine stationary phase

Synthesis of a silica-bonded bovine serum albumin *s*-triazine chiral stationary phase for high-performance liquid chromatographic resolution of enantiomers 866(2000)173

Uridine

Comparison of the enantioseparation of racemic uridine analogs on Whelk-O 1 and ChiralPak-AD columns 866(2000)183

Validation

Chromatographic separation of 3,4-difluorophenylacetic acid and its positional isomers using five different techniques 866(2000)281

Void volume

Study of dead volume measurement in packed subcritical fluid chromatography with ODS columns and carbon dioxide–modifier mobile phases 866(2000)241

Water analysis

Determination of halogenated mono-alcohols and diols in water by gas chromatography with electron-capture detection 866(2000)65

Determination of pesticides in waters by automatic on-line solid-phase extraction–capillary electrophoresis 866(2000)137

Tandem solid-phase extraction of atrazine ozonation products in water 866(2000)195