

Available online at www.sciencedirect.com



JOURNAL OF CHROMATOGRAPHY A

Journal of Chromatography A, 1029 (2004) 285-291

www.elsevier.com/locate/chroma

Subject Index Vol. 1029

Adsorption

Saccharose effects on surface association of phenol derivatives with porous graphitic carbon 1029(2004)21

Affinity adsorbents

Designed chimaeric galactosyl-mimodye ligands for the purification of *Pseudomonas fluorescens* β-galactose dehydrogenase 1029(2004)103

Air

Air/polymer distribution coefficients for polycyclic aromatic hydrocarbons by solid-phase microextraction sampling 1029(2004)263

Air analysis

Gas chromatography of trimethylsilyl derivatives of α -methoxyalkyl hydroperoxides formed in alkene–O₃ reactions 1029(2004)205

Alkanes

Application of high-performance liquid chromatography with ultraviolet diode array detection and refractive index detection to the determination of class composition and to the analysis of gasoline 1029(2004)77

Alkenes

Application of high-performance liquid chromatography with ultraviolet diode array detection and refractive index detection to the determination of class composition and to the analysis of gasoline 1029(2004)77

Gas chromatography of trimethylsilyl derivatives of α -methoxyalkyl hydroperoxides formed in alkene–O₃ reactions 1029(2004)205

Amitriptyline

Chromatographic multivariate quality control of pharmaceuticals giving strongly overlapped peaks based on the chromatogram profile 1029(2004)135

Antioxidants

Rapid gas chromatography-mass spectrometry screening method for human pharmaceuticals, hormones, antioxidants and plasticizers in water 1029(2004)223

Aqueous two-phase systems

Protein pre-fractionation in detergent–polymer aqueous two-phase systems for facilitated proteomic studies of membrane proteins 1029(2004)113

Artificial neural network

Optimization by experimental design and artificial neural networks of the ion-interaction reversed-phase liquid chromatographic separation of twenty cosmetic preservatives 1029(2004)57

Association constant

Simulation of size exclusion chromatography for characterization of supramolecular complex: a theoretical study 1029(2004)67

Beer

Comparison of different sample treatments for the analysis of ochratoxin A in must, wine and beer by liquid chromatography 1029(2004)125

Betacyanins

Influence of perfluorinated carboxylic acids on ion-pair reversed-phase high-performance liquid chromatographic separation of betacyanins and 17-decarboxy-betacyanins 1029(2004)97

Betalains

Influence of perfluorinated carboxylic acids on ion-pair reversed-phase high-performance liquid chromatographic separation of betacyanins and 17-decarboxy-betacyanins 1029(2004)97

Betanin

Influence of perfluorinated carboxylic acids on ion-pair reversed-phase high-performance liquid chromatographic separation of betacyanins and 17-decarboxy-betacyanins 1029(2004)97

Biochanin

Comparison of linear and non-linear equations for univariate calibration 1029(2004)1

Biomimetic ligands

Designed chimaeric galactosyl-mimodye ligands for the purification of *Pseudomonas fluorescens* β -galactose dehydrogenase 1029(2004)103

Bisphenol A

Polymer-based adsorption medium prepared using a fragment imprinting technique for homologues of chlorinated bisphenol A produced in the environment 1029(2004)37

Calibration

Comparison of linear and non-linear equations for univariate calibration 1029(2004)1

Carbohydrates

Liquid chromatography–mass spectrometry analysis of enzyme-hydrolysed carboxymethylcellulose for investigation of enzyme selectivity and substituent pattern 1029(2004)87

Capillary electrochromatography with monolithic silica columns. III. Preparation of hydrophilic silica monoliths having surface-bound cyano groups: chromatographic characterization and application to the separation of carbohydrates, nucleosides, nucleic acid bases and other neutral polar species 1029(2004)239

Carbonyl compounds

Quantitative determination of formaldehyde in cosmetics using a combined solid-phase microextraction–isotope dilution mass spectrometry method 1029(2004)217

Carboxylic acids

Influence of perfluorinated carboxylic acids on ion-pair reversed-phase high-performance liquid chromatographic separation of betacyanins and 17-decarboxy-betacyanins 1029(2004)97

Carboxymethylcellulose

Liquid chromatography–mass spectrometry analysis of enzyme-hydrolysed carboxymethylcellulose for investigation of enzyme selectivity and substituent pattern 1029(2004)87

Cedrelopsis grevei

Comparative analysis by gas chromatography–mass spectrometry of the essential oils from bark and leaves of *Cedrelopsis grevei* Baill, an aromatic and medicinal plant from Madagascar 1029(2004)279

Cellulose

Liquid chromatography-mass spectrometry analysis of enzyme-hydrolysed carboxymethylcellulose for investigation of enzyme selectivity and substituent pattern 1029(2004)87

Chemometrics

Correction of retention time shifts for chromatographic fingerprints of herbal medicines 1029(2004)173

Chicken tissues

Determination of quinolones in chicken tissues by liquid chromatography with ultraviolet absorbance detection 1029(2004)145

Chip technology

Monolayer-protected gold nanoparticles as an efficient stationary phase for open tubular gas chromatography using a square capillary. Model for chipbased gas chromatography in square cornered microfabricated channels 1029(2004)185

Chlorophenols

Capillary electrochromatography with monolithic silica columns. III. Preparation of hydrophilic silica monoliths having surface-bound cyano groups: chromatographic characterization and application to the separation of carbohydrates, nucleosides, nucleic acid bases and other neutral polar species 1029(2004)239

Chromium

Speciation of V, Cr and Fe by capillary electrophoresis-bandpass reaction cell inductively coupled plasma mass spectrometry 1029(2004)255

Complexation

On-capillary complexation of metal ions with 4-(2-thiazolylazo)resorcinol in capillary electrophoresis 1029(2004)249

Speciation of V, Cr and Fe by capillary electrophoresis–bandpass reaction cell inductively coupled plasma mass spectrometry 1029(2004)255

Computer simulation

Nonsteady-state flow in gas chromatography during fast changes in inlet pressure 1029(2004)275

Cosmetics

Optimization by experimental design and artificial neural networks of the ion-interaction reversed-phase liquid chromatographic separation of twenty cosmetic preservatives 1029(2004)57

Quantitative determination of formaldehyde in cosmetics using a combined solid-phase microextraction–isotope dilution mass spectrometry method 1029(2004)217

Rapid gas chromatography–mass spectrometry screening method for human pharmaceuticals, hormones, antioxidants and plasticizers in water 1029(2004)223

Counter-current flame

Novel flame photometric detector for gas chromatography based on countercurrent gas flows 1029(2004)193

Decarboxy-betacyanins

Influence of perfluorinated carboxylic acids on ion-pair reversed-phase high-performance liquid chromatographic separation of betacyanins and 17-decarboxy-betacyanins 1029(2004)97

Degradation

Liquid chromatographic-mass spectrometric studies on the in vitro degradation of a poly(ether ester) block copolymer 1029(2004)29

Derivatization, GC

Gas chromatography of trimethylsilyl derivatives of α -methoxyalkyl hydroperoxides formed in alkene–O₃ reactions 1029(2004)205

Quantitative determination of formaldehyde in cosmetics using a combined solid-phase microextraction–isotope dilution mass spectrometry method 1029(2004)217

Detection, GC

Novel flame photometric detector for gas chromatography based on countercurrent gas flows 1029(2004)193

Distribution coefficients

Air/polymer distribution coefficients for polycyclic aromatic hydrocarbons by solid-phase microextraction sampling 1029(2004)263

Drugs

Rapid gas chromatography–mass spectrometry screening method for human pharmaceuticals, hormones, antioxidants and plasticizers in water 1029(2004)223

Dyes

Designed chimaeric galactosyl–mimodye ligands for the purification of *Pseudomonas fluorescens* β-galactose dehydrogenase 1029(2004)103

Dynamic reaction cell

Speciation of V, Cr and Fe by capillary electrophoresis–bandpass reaction cell inductively coupled plasma mass spectrometry 1029(2004)255

Effective carbon numbers

Gas chromatography of trimethylsilyl derivatives of α -methoxyalkyl hydroperoxides formed in alkene–O₃ reactions 1029(2004)205

Electrochromatography

Capillary electrochromatography with monolithic silica columns. III. Preparation of hydrophilic silica monoliths having surface-bound cyano groups: chromatographic characterization and application to the separation of carbohydrates, nucleosides, nucleic acid bases and other neutral polar species 1029(2004)239

Endocrine disrupting chemicals

Polymer-based adsorption medium prepared using a fragment imprinting technique for homologues of chlorinated bisphenol A produced in the environment 1029(2004)37

Countering matrix effects in environmental liquid chromatography–electrospray ionization tandem mass spectrometry water analysis for endocrine disrupting chemicals 1029(2004)153

286

Endocrine disruptors

Rapid gas chromatography–mass spectrometry screening method for human pharmaceuticals, hormones, antioxidants and plasticizers in water 1029(2004)223

Endoglucanases

Liquid chromatography-mass spectrometry analysis of enzyme-hydrolysed carboxymethylcellulose for investigation of enzyme selectivity and substituent pattern 1029(2004)87

Environmental analysis

Countering matrix effects in environmental liquid chromatography–electrospray ionization tandem mass spectrometry water analysis for endocrine disrupting chemicals 1029(2004)153

Enzymes

Liquid chromatography-mass spectrometry analysis of enzyme-hydrolysed carboxymethylcellulose for investigation of enzyme selectivity and substituent pattern 1029(2004)87

Designed chimaeric galactosyl-mimodye ligands for the purification of *Pseudomonas fluorescens* β-galactose dehydrogenase 1029(2004)103

Essential oils

Comparative analysis by gas chromatography–mass spectrometry of the essential oils from bark and leaves of *Cedrelopsis grevei* Baill, an aromatic and medicinal plant from Madagascar 1029(2004)279

Evaporative light-scattering detection

Temperature-programmed packed capillary liquid chromatography coupled to evaporative light-scattering detection and electrospray ionization timeof-flight mass spectrometry for characterization of high-molecular-mass hindered amine light stabilizers 1029(2004)49

Experimental design

Optimization by experimental design and artificial neural networks of the ion-interaction reversed-phase liquid chromatographic separation of twenty cosmetic preservatives 1029(2004)57

Chromatographic multivariate quality control of pharmaceuticals giving strongly overlapped peaks based on the chromatogram profile 1029(2004)135

Extraction methods

Comparison of different sample treatments for the analysis of ochratoxin A in must, wine and beer by liquid chromatography 1029(2004)125

Rapid gas chromatography–mass spectrometry screening method for human pharmaceuticals, hormones, antioxidants and plasticizers in water 1029(2004)223

Fingerprinting

Correction of retention time shifts for chromatographic fingerprints of herbal medicines 1029(2004)173

Flame photometric detection

Novel flame photometric detector for gas chromatography based on countercurrent gas flows 1029(2004)193

Fluorescent indicator adsorption

Application of high-performance liquid chromatography with ultraviolet diode array detection and refractive index detection to the determination of class composition and to the analysis of gasoline 1029(2004)77

Fluorinated carboxylic acids

Influence of perfluorinated carboxylic acids on ion-pair reversed-phase high-performance liquid chromatographic separation of betacyanins and 17-decarboxy-betacyanins 1029(2004)97

Food analysis

Comparison of different sample treatments for the analysis of ochratoxin A in must, wine and beer by liquid chromatography 1029(2004)125

Formaldehyde

Quantitative determination of formaldehyde in cosmetics using a combined solid-phase microextraction–isotope dilution mass spectrometry method 1029(2004)217

Fragment imprinting

Polymer-based adsorption medium prepared using a fragment imprinting technique for homologues of chlorinated bisphenol A produced in the environment 1029(2004)37

Galactose dehydrogenase

Designed chimaeric galactosyl–mimodye ligands for the purification of *Pseudomonas fluorescens* β-galactose dehydrogenase 1029(2004)103

Gas chromatography

Nonsteady-state flow in gas chromatography during fast changes in inlet pressure 1029(2004)275

Gas chromatography, multidimensional

Application of high-performance liquid chromatography with ultraviolet diode array detection and refractive index detection to the determination of class composition and to the analysis of gasoline 1029(2004)77

Gasoline

Application of high-performance liquid chromatography with ultraviolet diode array detection and refractive index detection to the determination of class composition and to the analysis of gasoline 1029(2004)77

Genisten

Comparison of linear and non-linear equations for univariate calibration $1029(2004)1\,$

Hindered amine light stabilizers

Temperature-programmed packed capillary liquid chromatography coupled to evaporative light-scattering detection and electrospray ionization timeof-flight mass spectrometry for characterization of high-molecular-mass hindered amine light stabilizers 1029(2004)49

Holdup time

Nonsteady-state flow in gas chromatography during fast changes in inlet pressure 1029(2004)275

Hormones

Rapid gas chromatography–mass spectrometry screening method for human pharmaceuticals, hormones, antioxidants and plasticizers in water 1029(2004)223

Hydrocarbon class analysis

Application of high-performance liquid chromatography with ultraviolet diode array detection and refractive index detection to the determination of class composition and to the analysis of gasoline 1029(2004)77

Hydrocarbons

Application of high-performance liquid chromatography with ultraviolet diode array detection and refractive index detection to the determination of class composition and to the analysis of gasoline 1029(2004)77

Hydrolysis

Liquid chromatographic-mass spectrometric studies on the in vitro degradation of a poly(ether ester) block copolymer 1029(2004)29

Hydroperoxides

Gas chromatography of trimethylsilyl derivatives of α -methoxyalkyl hydroperoxides formed in alkene–O₃ reactions 1029(2004)205

Hylocerenin

Influence of perfluorinated carboxylic acids on ion-pair reversed-phase high-performance liquid chromatographic separation of betacyanins and 17-decarboxy-betacyanins 1029(2004)97

Hylocereus polyrhizus

Influence of perfluorinated carboxylic acids on ion-pair reversed-phase high-performance liquid chromatographic separation of betacyanins and 17-decarboxy-betacyanins 1029(2004)97

Ibuprofen

Comparison of linear and non-linear equations for univariate calibration 1029(2004)1

Instrumentation

Monolayer-protected gold nanoparticles as an efficient stationary phase for open tubular gas chromatography using a square capillary. Model for chipbased gas chromatography in square cornered microfabricated channels 1029(2004)185

Novel flame photometric detector for gas chromatography based on countercurrent gas flows 1029(2004)193

Interfaces, LC-GC

Automated multiresidue analysis of pesticides in olive oil by on-line reversed-phase liquid chromatography–gas chromatography using the through oven transfer adsorption–desorption interface 1029(2004)167

Iron

Speciation of V, Cr and Fe by capillary electrophoresis–bandpass reaction cell inductively coupled plasma mass spectrometry 1029(2004)255

Isotope dilution

Quantitative determination of formaldehyde in cosmetics using a combined solid-phase microextraction–isotope dilution mass spectrometry method 1029(2004)217

Langmuir distribution isotherm

Saccharose effects on surface association of phenol derivatives with porous graphitic carbon 1029(2004)21

Linear solvation energy relationships

Determination of quinolones in chicken tissues by liquid chromatography with ultraviolet absorbance detection 1029(2004)145

Liquid chromatography-gas chromatography

Automated multiresidue analysis of pesticides in olive oil by on-line reversed-phase liquid chromatography–gas chromatography using the through oven transfer adsorption–desorption interface 1029(2004)167

Loadings

Peak purity determination with principal component analysis of highperformance liquid chromatography-diode array detection data 1029(2004)13

Matrix effects

Countering matrix effects in environmental liquid chromatography– electrospray ionization tandem mass spectrometry water analysis for endocrine disrupting chemicals 1029(2004)153

Metal cations

On-capillary complexation of metal ions with 4-(2-thiazolylazo)resorcinol in capillary electrophoresis 1029(2004)249

Speciation of V, Cr and Fe by capillary electrophoresis–bandpass reaction cell inductively coupled plasma mass spectrometry 1029(2004)255

Metals

Novel flame photometric detector for gas chromatography based on countercurrent gas flows 1029(2004)193

Molecular modeling

Designed chimaeric galactosyl–mimodye ligands for the purification of *Pseudomonas fluorescens* β-galactose dehydrogenase 1029(2004)103

Molecular recognition

Polymer-based adsorption medium prepared using a fragment imprinting technique for homologues of chlorinated bisphenol A produced in the environment 1029(2004)37

Monolithic columns

Capillary electrochromatography with monolithic silica columns. III. Preparation of hydrophilic silica monoliths having surface-bound cyano groups: chromatographic characterization and application to the separation of carbohydrates, nucleosides, nucleic acid bases and other neutral polar species 1029(2004)239

Monoterpenes

Comparative analysis by gas chromatography-mass spectrometry of the essential oils from bark and leaves of *Cedrelopsis grevei* Baill, an aromatic and medicinal plant from Madagascar 1029(2004)279

Multiple peaks

Estimation of uncertainty of analytical results based on multiple peaks 1029(2004)161

Multivariate methods

Chromatographic multivariate quality control of pharmaceuticals giving strongly overlapped peaks based on the chromatogram profile 1029(2004)135

Must

Comparison of different sample treatments for the analysis of ochratoxin A in must, wine and beer by liquid chromatography 1029(2004)125

Mycotoxins

Comparison of different sample treatments for the analysis of ochratoxin A in must, wine and beer by liquid chromatography 1029(2004)125

Nanoparticles

Monolayer-protected gold nanoparticles as an efficient stationary phase for open tubular gas chromatography using a square capillary. Model for chipbased gas chromatography in square cornered microfabricated channels 1029(2004)185

Naphthenes

Application of high-performance liquid chromatography with ultraviolet diode array detection and refractive index detection to the determination of class composition and to the analysis of gasoline 1029(2004)77

Nitrate

Comparison of linear and non-linear equations for univariate calibration 1029(2004)1

Non-linear calibration

Comparison of linear and non-linear equations for univariate calibration 1029(2004)1

Nonsteady-state flow

Nonsteady-state flow in gas chromatography during fast changes in inlet pressure 1029(2004)275

Nuclear magnetic resonance spectroscopy

Self-immobilization of poly(methyloctylsiloxane) on high-performance liquid chromatographic silica 1029(2004)43

Nucleic acid bases

Capillary electrochromatography with monolithic silica columns. III. Preparation of hydrophilic silica monoliths having surface-bound cyano groups: chromatographic characterization and application to the separation of carbohydrates, nucleosides, nucleic acid bases and other neutral polar species 1029(2004)239

Nucleosides

Capillary electrochromatography with monolithic silica columns. III. Preparation of hydrophilic silica monoliths having surface-bound cyano groups: chromatographic characterization and application to the separation of carbohydrates, nucleosides, nucleic acid bases and other neutral polar species 1029(2004)239

Ochratoxin A

Comparison of different sample treatments for the analysis of ochratoxin A in must, wine and beer by liquid chromatography 1029(2004)125

Olive oil

Automated multiresidue analysis of pesticides in olive oil by on-line reversed-phase liquid chromatography–gas chromatography using the through oven transfer adsorption–desorption interface 1029(2004)167

Optimization

Optimization by experimental design and artificial neural networks of the ion-interaction reversed-phase liquid chromatographic separation of twenty cosmetic preservatives 1029(2004)57

Organophosphorus compounds

Novel flame photometric detector for gas chromatography based on countercurrent gas flows 1029(2004)193

Continuous solid-phase extraction and gas chromatographic determination of organophosphorus pesticides in natural and drinking waters 1029(2004)267

Organosulfur compounds

Novel flame photometric detector for gas chromatography based on countercurrent gas flows 1029(2004)193

Ozonolysis

Gas chromatography of trimethylsilyl derivatives of α -methoxyalkyl hydroperoxides formed in alkene–O₃ reactions 1029(2004)205

Partial least squares

Chromatographic multivariate quality control of pharmaceuticals giving strongly overlapped peaks based on the chromatogram profile 1029(2004)135

Peak overlap

Chromatographic multivariate quality control of pharmaceuticals giving strongly overlapped peaks based on the chromatogram profile 1029(2004)135

Peak purity determination

Peak purity determination with principal component analysis of highperformance liquid chromatography-diode array detection data 1029(2004)13

Pentafluorophenyl hydrazine

Quantitative determination of formaldehyde in cosmetics using a combined solid-phase microextraction-isotope dilution mass spectrometry method 1029(2004)217

Perphenazine

Chromatographic multivariate quality control of pharmaceuticals giving strongly overlapped peaks based on the chromatogram profile 1029(2004)135

Pesticides

Estimation of uncertainty of analytical results based on multiple peaks 1029(2004)161

Automated multiresidue analysis of pesticides in olive oil by on-line reversed-phase liquid chromatography–gas chromatography using the through oven transfer adsorption–desorption interface 1029(2004)167

Continuous solid-phase extraction and gas chromatographic determination of organophosphorus pesticides in natural and drinking waters 1029(2004)267

Pharmaceutical analysis

Chromatographic multivariate quality control of pharmaceuticals giving strongly overlapped peaks based on the chromatogram profile 1029(2004)135

Correction of retention time shifts for chromatographic fingerprints of herbal medicines 1029(2004)173

Phenol

Saccharose effects on surface association of phenol derivatives with porous graphitic carbon 1029(2004)21

Capillary electrochromatography with monolithic silica columns. III. Preparation of hydrophilic silica monoliths having surface-bound cyano groups: chromatographic characterization and application to the separation of carbohydrates, nucleosides, nucleic acid bases and other neutral polar species 1029(2004)239

Phyllocactin

Influence of perfluorinated carboxylic acids on ion-pair reversed-phase high-performance liquid chromatographic separation of betacyanins and 17-decarboxy-betacyanins 1029(2004)97

Plant materials

Comparative analysis by gas chromatography-mass spectrometry of the essential oils from bark and leaves of *Cedrelopsis grevei* Baill, an aromatic and medicinal plant from Madagascar 1029(2004)279

Plasticizers

Rapid gas chromatography–mass spectrometry screening method for human pharmaceuticals, hormones, antioxidants and plasticizers in water 1029(2004)223

Poly(dimethylsiloxane)

Air/polymer distribution coefficients for polycyclic aromatic hydrocarbons by solid-phase microextraction sampling 1029(2004)263

Poly(ether ester) block copolymer

Liquid chromatographic-mass spectrometric studies on the in vitro degradation of a poly(ether ester) block copolymer 1029(2004)29

Poly(methyloctylsiloxane)

Self-immobilization of poly(methyloctylsiloxane) on high-performance liquid chromatographic silica 1029(2004)43

Polymer-based adsorbents

Polymer-based adsorption medium prepared using a fragment imprinting technique for homologues of chlorinated bisphenol A produced in the environment 1029(2004)37

Polymers

Liquid chromatographic-mass spectrometric studies on the in vitro degradation of a poly(ether ester) block copolymer 1029(2004)29

Polynuclear aromatic hydrocarbons

Air/polymer distribution coefficients for polycyclic aromatic hydrocarbons by solid-phase microextraction sampling 1029(2004)263

Porous graphitic carbon

Saccharose effects on surface association of phenol derivatives with porous graphitic carbon 1029(2004)21

Pressure programming

Nonsteady-state flow in gas chromatography during fast changes in inlet pressure 1029(2004)275

Principal component analysis

Peak purity determination with principal component analysis of highperformance liquid chromatography-diode array detection data 1029(2004)13

Proteins

Protein pre-fractionation in detergent–polymer aqueous two-phase systems for facilitated proteomic studies of membrane proteins 1029(2004)113

Proteomics

Protein pre-fractionation in detergent–polymer aqueous two-phase systems for facilitated proteomic studies of membrane proteins 1029(2004)113

Pseudoephedrine

Comparison of linear and non-linear equations for univariate calibration 1029(2004)1

Pseudomonas fluorescens

Designed chimaeric galactosyl–mimodye ligands for the purification of *Pseudomonas fluorescens* β-galactose dehydrogenase 1029(2004)103

Quality control

Chromatographic multivariate quality control of pharmaceuticals giving strongly overlapped peaks based on the chromatogram profile 1029(2004)135

Quinolones

Determination of quinolones in chicken tissues by liquid chromatography with ultraviolet absorbance detection 1029(2004)145

Relative observation residuals

Peak purity determination with principal component analysis of highperformance liquid chromatography-diode array detection data 1029(2004)13

Retention behavior

Simulation of size exclusion chromatography for characterization of supramolecular complex: a theoretical study 1029(2004)67

Retention time shift

Correction of retention time shifts for chromatographic fingerprints of herbal medicines 1029(2004)173

Saccharose

Saccharose effects on surface association of phenol derivatives with porous graphitic carbon 1029(2004)21

Scores

Peak purity determination with principal component analysis of highperformance liquid chromatography-diode array detection data 1029(2004)13

Self-immobilization

Self-immobilization of poly(methyloctylsiloxane) on high-performance liquid chromatographic silica 1029(2004)43

Sesquiterpenes

Comparative analysis by gas chromatography–mass spectrometry of the essential oils from bark and leaves of *Cedrelopsis grevei* Baill, an aromatic and medicinal plant from Madagascar 1029(2004)279

Simulation

Simulation of size exclusion chromatography for characterization of supramolecular complex: a theoretical study 1029(2004)67

Size exclusion chromatography

Simulation of size exclusion chromatography for characterization of supramolecular complex: a theoretical study 1029(2004)67

Sodium nitrate

Comparison of linear and non-linear equations for univariate calibration 1029(2004)1

Solid-phase extraction

Continuous solid-phase extraction and gas chromatographic determination of organophosphorus pesticides in natural and drinking waters 1029(2004)267

Solid-phase microextraction

Air/polymer distribution coefficients for polycyclic aromatic hydrocarbons by solid-phase microextraction sampling 1029(2004)263

Spline interpolation

Correction of retention time shifts for chromatographic fingerprints of herbal medicines 1029(2004)173

Stabilized Criegee intermediates

Gas chromatography of trimethylsilyl derivatives of α -methoxyalkyl hydroperoxides formed in alkene–O₃ reactions 1029(2004)205

Stationary phases, GC

Monolayer-protected gold nanoparticles as an efficient stationary phase for open tubular gas chromatography using a square capillary. Model for chipbased gas chromatography in square cornered microfabricated channels 1029(2004)185

Stationary phases, LC

Self-immobilization of poly(methyloctylsiloxane) on high-performance liquid chromatographic silica 1029(2004)43

Supramolecular complex

Simulation of size exclusion chromatography for characterization of supramolecular complex: a theoretical study 1029(2004)67

Surfactants

Protein pre-fractionation in detergent–polymer aqueous two-phase systems for facilitated proteomic studies of membrane proteins 1029(2004)113

Temperature programming

Temperature-programmed packed capillary liquid chromatography coupled to evaporative light-scattering detection and electrospray ionization timeof-flight mass spectrometry for characterization of high-molecular-mass hindered amine light stabilizers 1029(2004)49

Terpenes

Comparative analysis by gas chromatography-mass spectrometry of the essential oils from bark and leaves of *Cedrelopsis grevei* Baill, an aromatic and medicinal plant from Madagascar 1029(2004)279

Thiazolylazoresorcinol

On-capillary complexation of metal ions with 4-(2-thiazolylazo)resorcinol in capillary electrophoresis 1029(2004)249

Through oven transfer adsorption-desorption interface

Automated multiresidue analysis of pesticides in olive oil by on-line reversed-phase liquid chromatography–gas chromatography using the through oven transfer adsorption–desorption interface 1029(2004)167

Transition metals

On-capillary complexation of metal ions with 4-(2-thiazolylazo)resorcinol in capillary electrophoresis 1029(2004)249

Triazines

Designed chimaeric galactosyl-mimodye ligands for the purification of *Pseudomonas fluorescens* β-galactose dehydrogenase 1029(2004)103

Uncertainty

Estimation of uncertainty of analytical results based on multiple peaks 1029(2004)161

Vanadium

Speciation of V, Cr and Fe by capillary electrophoresis–bandpass reaction cell inductively coupled plasma mass spectrometry 1029(2004)255

Water analysis

Countering matrix effects in environmental liquid chromatography–electrospray ionization tandem mass spectrometry water analysis for endocrine disrupting chemicals 1029(2004)153

Rapid gas chromatography–mass spectrometry screening method for human pharmaceuticals, hormones, antioxidants and plasticizers in water 1029(2004)223

Speciation of V, Cr and Fe by capillary electrophoresis–bandpass reaction cell inductively coupled plasma mass spectrometry 1029(2004)255

Continuous solid-phase extraction and gas chromatographic determination of organophosphorus pesticides in natural and drinking waters 1029(2004)267

Wine

Comparison of different sample treatments for the analysis of ochratoxin A in must, wine and beer by liquid chromatography 1029(2004)125