

Subject Index Vol. 1081

Acebutolol

Assay of acebutolol in pharmaceuticals by analytical capillary isotachopheresis 1081(2005)72

Affinity membrane

Mathematical analysis of affinity membrane chromatography 1081(2005)156

Alcohol marker

Analysis of ethyl glucuronide in human serum by capillary electrophoresis with sample self-stacking and indirect detection 1081(2005)2

***n*-Alkyl modified silica gels**

Investigation on conformational order and mobility of DiamondBond-C18 and C18-alkyl modified silica gels by Fourier transform infrared and solid-state NMR spectroscopy 1081(2005)132

Amines

Small diamines as modifiers for phosphatidylcholine/phosphatidylserine coatings in capillary electrochromatography 1081(2005)92

AMPA

Residue determination of glyphosate, glufosinate and aminomethylphosphonic acid in water and soil samples by liquid chromatography coupled to electrospray tandem mass spectrometry 1081(2005)145

Antibiotics

Determination of fosfomycin in pus by capillary zone electrophoresis 1081(2005)55

Arsenic

Speciation analysis of inorganic arsenic by microchip capillary electrophoresis coupled with hydride generation atomic fluorescence spectrometry 1081(2005)232

Artificial neural networks

Analysis of polyphenols in wines: Correlation between total polyphenolic content and antioxidant potential from photometric measurements. Prediction of cultivars and vintage from capillary zone electrophoresis fingerprints using artificial neural network 1081(2005)48

Assay validation

Development and validation of a hydrophilic interaction chromatography-mass spectrometry assay for taurine and methionine in matrices rich in carbohydrates 1081(2005)174

Atomic fluorescence spectrometry

Speciation analysis of inorganic arsenic by microchip capillary electrophoresis coupled with hydride generation atomic fluorescence spectrometry 1081(2005)232

Automated sample preparation

Fully automated analysis of estrogens in environmental waters by in-tube solid-phase microextraction coupled with liquid chromatography–tandem mass spectrometry 1081(2005)218

Automatic fractionation

Autoanalyzer for continuous fractionation and quantitation of the polyphenols content in wines 1081(2005)127

Bilirubin

Mathematical analysis of affinity membrane chromatography 1081(2005)156

Bioassay

Coupling of size-exclusion chromatography to a continuous assay for Subtilisin using a fluorescence resonance energy transfer peptide substrate: Testing of two standard inhibitors 1081(2005)140

Body fluid

Determination of fosfomycin in pus by capillary zone electrophoresis 1081(2005)55

Breakthrough curve

Mathematical analysis of affinity membrane chromatography 1081(2005)156

Butorphanol

Separation of enantiomers of butorphanol and cycloamine by capillary zone electrophoresis 1081(2005)87

Capillary electrochromatography

Small diamines as modifiers for phosphatidylcholine/phosphatidylserine coatings in capillary electrochromatography 1081(2005)92

Capillary electrophoresis

Enantioselective separation of rivastigmine by capillary electrophoresis with cyclodextrines 1081(2005)31

Determination of fosfomycin in pus by capillary zone electrophoresis 1081(2005)55

Separation and analysis of glycyrrhizin, 18b-glycyrrhetic acid and 18a-glycyrrhetic acid in liquorice roots by means of capillary zone electrophoresis 1081(2005)65

Analysis of ecdysteroids by micellar electrokinetic chromatography with on-line preconcentration 1081(2005)77

Separation of enantiomers of butorphanol and cycloamine by capillary zone electrophoresis 1081(2005)87

Small diamines as modifiers for phosphatidylcholine/phosphatidylserine coatings in capillary electrochromatography 1081(2005)92

Capillary isotachopheresis

Assay of acebutolol in pharmaceuticals by analytical capillary isotachopheresis 1081(2005)72

Capillary liquid separation methods

Fluorescence detection system for capillary separations utilizing a liquid core waveguide with an optical fibre-coupled compact spectrometer 1081(2005)36

Capillary zone electrophoresis

Analysis and separation of enkephalin and dalargin analogues and fragments by capillary zone electrophoresis 1081(2005)9

Analysis of polyphenols in wines: Correlation between total polyphenolic content and antioxidant potential from photometric measurements. Prediction of cultivars and vintage from capillary zone electrophoresis fingerprints using artificial neural network 1081(2005)48

Carbamates

Effect of temperature on the separation of chlorophenoxy acids and carbamates by capillary high-performance liquid chromatography and UV (or diode array) detection 1081(2005)114

Carbon clad zirconia-based supports

Investigation on conformational order and mobility of DiamondBond-C18 and C18-alkyl modified silica gels by Fourier transform infrared and solid-state NMR spectroscopy 1081(2005)132

Carnitine

Capillary electrophoresis determination of carnitine in food supplements 1081(2005)60

CCD spectrometer

Fluorescence detection system for capillary separations utilizing a liquid core waveguide with an optical fibre-coupled compact spectrometer 1081(2005)36

CE separation

Size exclusive capillary electrophoresis separation of DNA oligonucleotides in small size linear polyacrylamide polymer solution 1081(2005)19

Chiral analysis

Enantioselective separation of rivastigmine by capillary electrophoresis with cyclodextrins 1081(2005)31

Chiral separation

Separation of enantiomers of butorphanol and cycloamine by capillary zone electrophoresis 1081(2005)87

Chiral

Use of vancomycin chiral stationary phase for the enantiomeric resolution of basic and acidic compounds by nano-liquid chromatography 1081(2005)105

Chlorophenols

Multi-walled carbon nanotubes as a solid-phase extraction adsorbent for the determination of chlorophenols in environmental water samples 1081(2005)245

Chlorophenoxy acids

Effect of temperature on the separation of chlorophenoxy acids and carbamates by capillary high-performance liquid chromatography and UV (or diode array) detection 1081(2005)114

Citrus fruit juices

Analysis of flavanone-7-*O*-glycosides in citrus juices by short-end capillary electrochromatography 1081(2005)99

Clinical analysis

Determination of fosfomycin in pus by capillary zone electrophoresis 1081(2005)55

Conformational order

Investigation on conformational order and mobility of DiamondBond-C18 and C18-alkyl modified silica gels by Fourier transform infrared and solid-state NMR spectroscopy 1081(2005)132

Continuous flow

Coupling of size-exclusion chromatography to a continuous assay for Subtilisin using a fluorescence resonance energy transfer peptide substrate: Testing of two standard inhibitors 1081(2005)140

Corticosteroids

Microemulsion electrokinetic chromatography of corticosteroids. Effect of surfactants and cyclodextrins on the separation selectivity 1081(2005)24

CPs

New quantification procedure for the analysis of chlorinated paraffins using electron capture negative ionization mass spectrometry 1081(2005)225

Cycloamine

Separation of enantiomers of butorphanol and cycloamine by capillary zone electrophoresis 1081(2005)87

Cyclodextrins

Microemulsion electrokinetic chromatography of corticosteroids. Effect of surfactants and cyclodextrins on the separation selectivity 1081(2005)24

CZE

Capillary electrophoresis determination of carnitine in food supplements 1081(2005)60

Dalargin

Analysis and separation of enkephalin and dalargin analogues and fragments by capillary zone electrophoresis 1081(2005)9

Deoxycholate

Separation of synthetic food colourants in the mixed micellar system. Application to pharmaceutical analysis 1081(2005)42

Derivatization

Residue determination of glyphosate, glufosinate and aminomethylphosphonic acid in water and soil samples by liquid chromatography coupled to electrospray tandem mass spectrometry 1081(2005)145

Drugs

Use of vancomycin chiral stationary phase for the enantiomeric resolution of basic and acidic compounds by nano-liquid chromatography 1081(2005)105

Ecdysteroids

Analysis of ecdysteroids by micellar electrokinetic chromatography with on-line preconcentration 1081(2005)77

ECNI mass spectrometry

New quantification procedure for the analysis of chlorinated paraffins using electron capture negative ionization mass spectrometry 1081(2005)225

Electrokinetic chromatography

Enantioselective separation of rivastigmine by capillary electrophoresis with cyclodextrins 1081(2005)31

Electromigration

Enantioselective separation of rivastigmine by capillary electrophoresis with cyclodextrines 1081(2005)31

Electrophoresis

Capillary electrophoresis determination of carnitine in food supplements 1081(2005)60

Electrospray interface

Residue determination of glyphosate, glufosinate and aminomethylphosphonic acid in water and soil samples by liquid chromatography coupled to electrospray tandem mass spectrometry 1081(2005)145

Enantiomers

Use of vancomycin chiral stationary phase for the enantiomeric resolution of basic and acidic compounds by nano-liquid chromatography 1081(2005)105

Enkephalins

Analysis and separation of enkephalin and dalargin analogues and fragments by capillary zone electrophoresis 1081(2005)9

Environmental water samples

Fully automated analysis of estrogens in environmental waters by in-tube solid-phase microextraction coupled with liquid chromatography–tandem mass spectrometry 1081(2005)218

Estrogens

Fully automated analysis of estrogens in environmental waters by in-tube solid-phase microextraction coupled with liquid chromatography–tandem mass spectrometry 1081(2005)218

Ethyl glucuronide

Analysis of ethyl glucuronide in human serum by capillary electrophoresis with sample self-stacking and indirect detection 1081(2005)2

Evaporative light scattering detection

Autoanalyzer for continuous fractionation and quantitation of the polyphenols content in wines 1081(2005)127

FIA

Coupling of size-exclusion chromatography to a continuous assay for Subtilisin using a fluorescence resonance energy transfer peptide substrate: Testing of two standard inhibitors 1081(2005)140

Fingerprints

Analysis of polyphenols in wines: Correlation between total polyphenolic content and antioxidant potential from photometric measurements. Prediction of cultivars and vintage from capillary zone electrophoresis fingerprints using artificial neural network 1081(2005)48

Flavanone-7-*O*-glycosides

Analysis of flavanone-7-*O*-glycosides in citrus juices by short-end capillary electrochromatography 1081(2005)99

Flow injection analysis

Coupling of size-exclusion chromatography to a continuous assay for Subtilisin using a fluorescence resonance energy transfer peptide substrate: Testing of two standard inhibitors 1081(2005)140

Fluorescence detection

Fluorescence detection system for capillary separations utilizing a liquid core waveguide with an optical fibre-coupled compact spectrometer 1081(2005)36

Food analysis

α -Ribazole, a fluorescent marker for the liquid chromatographic determination of vitamin B₁₂ in foodstuffs 1081(2005)182

Food dyes

Separation of synthetic food colourants in the mixed micellar system. Application to pharmaceutical analysis 1081(2005)42

Food supplements

Capillary electrophoresis determination of carnitine in food supplements 1081(2005)60

Fosfomycin

Determination of fosfomycin in pus by capillary zone electrophoresis 1081(2005)55

FRET

Coupling of size-exclusion chromatography to a continuous assay for Subtilisin using a fluorescence resonance energy transfer peptide substrate: Testing of two standard inhibitors 1081(2005)140

Freundlich adsorption

Mathematical analysis of affinity membrane chromatography 1081(2005)156

FT-IR spectroscopy

Investigation on conformational order and mobility of DiamondBond-C18 and C18-alkyl modified silica gels by Fourier transform infrared and solid-state NMR spectroscopy 1081(2005)132

Gas chromatography

System constants for the bis(cyanopropylsiloxane)-*co*-methylsilylarylene HP-88 and poly(siloxane) Rtx-440 stationary phases 1081(2005)248

Glufosinate

Residue determination of glyphosate, glufosinate and aminomethylphosphonic acid in water and soil samples by liquid chromatography coupled to electrospray tandem mass spectrometry 1081(2005)145

Glycyrrhizin

Separation and analysis of glycyrrhizin, 18 β -glycyrrhetic acid and 18 α -glycyrrhetic acid in liquorice roots by means of capillary zone electrophoresis 1081(2005)65

18 α -Glycyrrhetic acid

Separation and analysis of glycyrrhizin, 18 β -glycyrrhetic acid and 18 α -glycyrrhetic acid in liquorice roots by means of capillary zone electrophoresis 1081(2005)65

18 β -Glycyrrhetic acid

Separation and analysis of glycyrrhizin, 18 β -glycyrrhetic acid and 18 α -glycyrrhetic acid in liquorice roots by means of capillary zone electrophoresis 1081(2005)65

Glyphosate

Residue determination of glyphosate, glufosinate and aminomethylphosphonic acid in water and soil samples by liquid chromatography coupled to electrospray tandem mass spectrometry 1081(2005)145

High-resolution MS

Validation of a screening method based on liquid chromatography coupled to high-resolution mass spectrometry for analysis of perfluoroalkylated substances in biota 1081(2005)210

HILIC-MS

Hydrophilic interaction liquid chromatography–mass spectrometry for the analysis of paralytic shellfish poisoning (PSP) toxins 1081(2005)190

HIV protease substrate 1

Coupling of size-exclusion chromatography to a continuous assay for Subtilisin using a fluorescence resonance energy transfer peptide substrate: Testing of two standard inhibitors 1081(2005)140

HPLC

Characterization of immobilized artificial membrane (IAM) and XTerra columns by means of chromatographic models 1081(2005)163

Multi-walled carbon nanotubes as a solid-phase extraction adsorbent for the determination of chlorophenols in environmental water samples 1081(2005)245

HTS

Coupling of size-exclusion chromatography to a continuous assay for Subtilisin using a fluorescence resonance energy transfer peptide substrate: Testing of two standard inhibitors 1081(2005)140

Hydrophilic interaction chromatography

Development and validation of a hydrophilic interaction chromatography-mass spectrometry assay for taurine and methionine in matrices rich in carbohydrates 1081(2005)174

Hydrophilic interaction liquid chromatography

Hydrophilic interaction liquid chromatography-mass spectrometry for the analysis of paralytic shellfish poisoning (PSP) toxins 1081(2005)190

3-Hydroxydiphenylamine

Evaluation of diphenylamine derivatives in apple peel using gradient reversed-phase liquid chromatography with ultraviolet-visible absorption and atmospheric pressure chemical ionization mass selective detection 1081(2005)202

4-Hydroxydiphenylamine

Evaluation of diphenylamine derivatives in apple peel using gradient reversed-phase liquid chromatography with ultraviolet-visible absorption and atmospheric pressure chemical ionization mass selective detection 1081(2005)202

Immobilized artificial membranes

Characterization of immobilized artificial membrane (IAM) and XTerra columns by means of chromatographic models 1081(2005)163

In-tube solid-phase microextraction

Fully automated analysis of estrogens in environmental waters by in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry 1081(2005)218

Inverse relationship

Size exclusive capillary electrophoresis separation of DNA oligonucleotides in small size linear polyacrylamide polymer solution 1081(2005)19

Isoelectric focusing

Fluorescence detection system for capillary separations utilizing a liquid core waveguide with an optical fibre-coupled compact spectrometer 1081(2005)36

ITP

Capillary electrophoresis determination of carnitine in food supplements 1081(2005)60

Liquid chromatography

Residue determination of glyphosate, glufosinate and aminomethylphosphonic acid in water and soil samples by liquid chromatography coupled to electrospray tandem mass spectrometry 1081(2005)145

α -Ribazole, a fluorescent marker for the liquid chromatographic determination of vitamin B₁₂ in foodstuffs 1081(2005)182

Liquid chromatography-tandem mass spectrometry

Fully automated analysis of estrogens in environmental waters by in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry 1081(2005)218

Liquid core waveguide

Fluorescence detection system for capillary separations utilizing a liquid core waveguide with an optical fibre-coupled compact spectrometer 1081(2005)36

Liquorice root

Separation and analysis of glycyrrhizin, 18 β -glycyrrhetic acid and 18 α -glycyrrhetic acid in liquorice roots by means of capillary zone electrophoresis 1081(2005)65

Liver samples

Validation of a screening method based on liquid chromatography coupled to high-resolution mass spectrometry for analysis of perfluoroalkylated substances in biota 1081(2005)210

Low molecular mass polymers

Size exclusive capillary electrophoresis separation of DNA oligonucleotides in small size linear polyacrylamide polymer solution 1081(2005)19

LSER model

Characterization of immobilized artificial membrane (IAM) and XTerra columns by means of chromatographic models 1081(2005)163

Marine toxins

Hydrophilic interaction liquid chromatography-mass spectrometry for the analysis of paralytic shellfish poisoning (PSP) toxins 1081(2005)190

Mass spectrometry

Identification of the pathological prion protein allotypes in scrapie-infected heterozygous bank voles (*Clethrionomys glareolus*) by high-performance liquid chromatography-mass spectrometry 1081(2005)122

Development and validation of a hydrophilic interaction chromatography-mass spectrometry assay for taurine and methionine in matrices rich in carbohydrates 1081(2005)174

Hydrophilic interaction liquid chromatography-mass spectrometry for the analysis of paralytic shellfish poisoning (PSP) toxins 1081(2005)190

MEKC

Analysis of ecdysteroids by micellar electrokinetic chromatography with on-line preconcentration 1081(2005)77

Methionine

Development and validation of a hydrophilic interaction chromatography-mass spectrometry assay for taurine and methionine in matrices rich in carbohydrates 1081(2005)174

Method validation

Validation of a screening method based on liquid chromatography coupled to high-resolution mass spectrometry for analysis of perfluoroalkylated substances in biota 1081(2005)210

3-Methoxydiphenylamine

Evaluation of diphenylamine derivatives in apple peel using gradient reversed-phase liquid chromatography with ultraviolet-visible absorption and atmospheric pressure chemical ionization mass selective detection 1081(2005)202

4-Methoxydiphenylamine

Evaluation of diphenylamine derivatives in apple peel using gradient reversed-phase liquid chromatography with ultraviolet-visible absorption and atmospheric pressure chemical ionization mass selective detection 1081(2005)202

Micellar electrokinetic capillary chromatography

Separation of synthetic food colourants in the mixed micellar system. Application to pharmaceutical analysis 1081(2005)42

Microchip capillary electrophoresis

Speciation analysis of inorganic arsenic by microchip capillary electrophoresis coupled with hydride generation atomic fluorescence spectrometry 1081(2005)232

Microemulsion electrokinetic chromatography

Microemulsion electrokinetic chromatography of corticosteroids. Effect of surfactants and cyclodextrins on the separation selectivity 1081(2005)24

Miniaturization

Speciation analysis of inorganic arsenic by microchip capillary electrophoresis coupled with hydride generation atomic fluorescence spectrometry 1081(2005)232

Mixed micelles

Separation of synthetic food colourants in the mixed micellar system. Application to pharmaceutical analysis 1081(2005)42

Multi-walled carbon nanotubes

Multi-walled carbon nanotubes as a solid-phase extraction adsorbent for the determination of chlorophenols in environmental water samples 1081(2005)245

Multiwavelength detection

Separation of synthetic food colourants in the mixed micellar system. Application to pharmaceutical analysis 1081(2005)42

***N*-nitrosodiphenylamine**

Evaluation of diphenylamine derivatives in apple peel using gradient reversed-phase liquid chromatography with ultraviolet-visible absorption and atmospheric pressure chemical ionization mass selective detection 1081(2005)202

Nano-liquid chromatography

Use of vancomycin chiral stationary phase for the enantiomeric resolution of basic and acidic compounds by nano-liquid chromatography 1081(2005)105

2-Nitrodiphenylamine

Evaluation of diphenylamine derivatives in apple peel using gradient reversed-phase liquid chromatography with ultraviolet-visible absorption and atmospheric pressure chemical ionization mass selective detection 1081(2005)202

4-Nitrodiphenylamine

Evaluation of diphenylamine derivatives in apple peel using gradient reversed-phase liquid chromatography with ultraviolet-visible absorption and atmospheric pressure chemical ionization mass selective detection 1081(2005)202

Oligonucleotides

Size exclusive capillary electrophoresis separation of DNA oligonucleotides in small size linear polyacrylamide polymer solution 1081(2005)19

Paralytic shellfish poisoning toxins

Hydrophilic interaction liquid chromatography-mass spectrometry for the analysis of paralytic shellfish poisoning (PSP) toxins 1081(2005)190

PCAs

New quantification procedure for the analysis of chlorinated paraffins using electron capture negative ionization mass spectrometry 1081(2005)225

Peptides

Analysis and separation of enkephalin and dalargin analogues and fragments by capillary zone electrophoresis 1081(2005)9

Perfluoroalkylated substances

Validation of a screening method based on liquid chromatography coupled to high-resolution mass spectrometry for analysis of perfluoroalkylated substances in biota 1081(2005)210

Perfluorooctane sulfonate

Validation of a screening method based on liquid chromatography coupled to high-resolution mass spectrometry for analysis of perfluoroalkylated substances in biota 1081(2005)210

Pesticides

Effect of temperature on the separation of chlorophenoxy acids and carbamates by capillary high-performance liquid chromatography and UV (or diode array) detection 1081(2005)114

PFOS

Validation of a screening method based on liquid chromatography coupled to high-resolution mass spectrometry for analysis of perfluoroalkylated substances in biota 1081(2005)210

Pharmaceutical analysis

Assay of acebutolol in pharmaceuticals by analytical capillary isotachopheresis 1081(2005)72

***N*-phenyl-4-quinoneimine**

Evaluation of diphenylamine derivatives in apple peel using gradient reversed-phase liquid chromatography with ultraviolet-visible absorption and atmospheric pressure chemical ionization mass selective detection 1081(2005)202

Phospholipid coating

Small diamines as modifiers for phosphatidylcholine/phosphatidylserine coatings in capillary electrochromatography 1081(2005)92

pI standards

Fluorescence detection system for capillary separations utilizing a liquid core waveguide with an optical fibre-coupled compact spectrometer 1081(2005)36

Polarity model

Characterization of immobilized artificial membrane (IAM) and XTerra columns by means of chromatographic models 1081(2005)163

Poly(siloxanes)

System constants for the bis(cyanopropylsiloxane)-*co*-methylsilylene HP-88 and poly(siloxane) Rtx-440 stationary phases 1081(2005)248

Polyacrylamide gel electrophoresis

Polyacrylamide gel electrophoresis separation and detection of polyamidoamine dendrimers possessing various cores and terminal groups 1081(2005)238

Polyamidoamine dendrimers

Polyacrylamide gel electrophoresis separation and detection of polyamidoamine dendrimers possessing various cores and terminal groups 1081(2005)238

Polychlorinated *n*-alkanes

New quantification procedure for the analysis of chlorinated paraffins using electron capture negative ionization mass spectrometry 1081(2005)225

Polyphenol content

Autoanalyzer for continuous fractionation and quantitation of the polyphenols content in wines 1081(2005)127

Preconcentration

Analysis of ecdysteroids by micellar electrokinetic chromatography with on-line preconcentration 1081(2005)77

Prion protein

Identification of the pathological prion protein allotypes in scrapie-infected heterozygous bank voles (*Clethrionomys glareolus*) by high-performance liquid chromatography–mass spectrometry 1081(2005)122

Programmed temperature

Effect of temperature on the separation of chlorophenoxy acids and carbamates by capillary high-performance liquid chromatography and UV (or diode array) detection 1081(2005)114

Pus

Determination of fosfomicin in pus by capillary zone electrophoresis 1081(2005)55

Quantification

New quantification procedure for the analysis of chlorinated paraffins using electron capture negative ionization mass spectrometry 1081(2005)225

Red wines

Autoanalyzer for continuous fractionation and quantitation of the polyphenols content in wines 1081(2005)127

Related substances

Microemulsion electrokinetic chromatography of corticosteroids. Effect of surfactants and cyclodextrins on the separation selectivity 1081(2005)24

Reporter peptides

Identification of the pathological prion protein allotypes in scrapie-infected heterozygous bank voles (*Clethrionomys glareolus*) by high-performance liquid chromatography–mass spectrometry 1081(2005)122

Resveratrol

Analysis of polyphenols in wines: Correlation between total polyphenolic content and antioxidant potential from photometric measurements. Prediction of cultivars and vintage from capillary zone electrophoresis fingerprints using artificial neural network 1081(2005)48

Reversed phase capillary electrochromatography

Analysis of flavanone-7-*O*-glycosides in citrus juices by short-end capillary electrochromatography 1081(2005)99

 α -Ribazole

α -Ribazole, a fluorescent marker for the liquid chromatographic determination of vitamin B₁₂ in foodstuffs 1081(2005)182

Rivastigmine

Enantioselective separation of rivastigmine by capillary electrophoresis with cyclodextrins 1081(2005)31

Saxitoxins

Hydrophilic interaction liquid chromatography–mass spectrometry for the analysis of paralytic shellfish poisoning (PSP) toxins 1081(2005)190

Screening method

Validation of a screening method based on liquid chromatography coupled to high-resolution mass spectrometry for analysis of perfluoroalkylated substances in biota 1081(2005)210

Selectivity

System constants for the bis(cyanopropylsiloxane)-*co*-methylsilylene HP-88 and poly(siloxane) Rtx-440 stationary phases 1081(2005)248

Serum

Analysis of ethyl glucuronide in human serum by capillary electrophoresis with sample self-stacking and indirect detection 1081(2005)2

Size exclusive

Size exclusive capillary electrophoresis separation of DNA oligonucleotides in small size linear polyacrylamide polymer solution 1081(2005)19

Soil

Residue determination of glyphosate, glufosinate and aminomethylphosphonic acid in water and soil samples by liquid chromatography coupled to electrospray tandem mass spectrometry 1081(2005)145

Solid phase extraction

Autoanalyzer for continuous fractionation and quantitation of the polyphenols content in wines 1081(2005)127

Solid-phase extraction

Multi-walled carbon nanotubes as a solid-phase extraction adsorbent for the determination of chlorophenols in environmental water samples 1081(2005)245

Solid-state NMR spectroscopy

Investigation on conformational order and mobility of DiamondBond-C18 and C18-alkyl modified silica gels by Fourier transform infrared and solid-state NMR spectroscopy 1081(2005)132

Solvation parameter model

System constants for the bis(cyanopropylsiloxane)-*co*-methylsilylene HP-88 and poly(siloxane) Rtx-440 stationary phases 1081(2005)248

Speciation

Speciation analysis of inorganic arsenic by microchip capillary electrophoresis coupled with hydride generation atomic fluorescence spectrometry 1081(2005)232

Stacking

Analysis of ecdysteroids by micellar electrokinetic chromatography with on-line preconcentration 1081(2005)77

Staining

Polyacrylamide gel electrophoresis separation and detection of polyamidoamine dendrimers possessing various cores and terminal groups 1081(2005)238

Stationary phases

System constants for the bis(cyanopropylsiloxane)-*co*-methylsilylene HP-88 and poly(siloxane) Rtx-440 stationary phases 1081(2005)248

Surfactants

Microemulsion electrokinetic chromatography of corticosteroids. Effect of surfactants and cyclodextrins on the separation selectivity 1081(2005)24

Tandem mass spectrometry

Residue determination of glyphosate, glufosinate and aminomethylphosphonic acid in water and soil samples by liquid chromatography coupled to electrospray tandem mass spectrometry 1081(2005)145

Taurine

Development and validation of a hydrophilic interaction chromatography–mass spectrometry assay for taurine and methionine in matrices rich in carbohydrates 1081(2005)174

Temperature effects

Effect of temperature on the separation of chlorophenoxy acids and carbamates by capillary high-performance liquid chromatography and UV (or diode array) detection 1081(2005)114

Total antioxidant potential

Analysis of polyphenols in wines: Correlation between total polyphenolic content and antioxidant potential from photometric measurements. Prediction of cultivars and vintage from capillary zone electrophoresis fingerprints using artificial neural network 1081(2005)48

Total phenolic content

Analysis of polyphenols in wines: Correlation between total polyphenolic content and antioxidant potential from photometric measurements. Prediction of cultivars and vintage from capillary zone electrophoresis fingerprints using artificial neural network 1081(2005)48

Transmissible spongiform encephalopathies

Identification of the pathological prion protein allotypes in scrapie-infected heterozygous bank voles (*Clethrionomys glareolus*) by high-performance liquid chromatography–mass spectrometry 1081(2005)122

Underivatised amino acids

Development and validation of a hydrophilic interaction chromatography–mass spectrometry assay for taurine and methionine in matrices rich in carbohydrates 1081(2005)174

Vancomycin

Use of vancomycin chiral stationary phase for the enantiomeric resolution of basic and acidic compounds by nano-liquid chromatography 1081(2005)105

Vitamin B₁₂

α -Ribazole, a fluorescent marker for the liquid chromatographic determination of vitamin B₁₂ in foodstuffs 1081(2005)182

Water samples

Multi-walled carbon nanotubes as a solid-phase extraction adsorbent for the determination of chlorophenols in environmental water samples 1081(2005)245

Water

Residue determination of glyphosate, glufosinate and aminomethylphosphonic acid in water and soil samples by liquid chromatography coupled to electrospray tandem mass spectrometry 1081(2005)145

Wine

Analysis of polyphenols in wines: Correlation between total polyphenolic content and antioxidant potential from photometric measurements. Prediction of cultivars and vintage from capillary zone electrophoresis fingerprints using artificial neural network 1081(2005)48

XTerra columns

Characterization of immobilized artificial membrane (IAM) and XTerra columns by means of chromatographic models 1081(2005)163