

Subject Index Vol. 1085

Abandoned chemical weapon

Identification and quantitative determination of diphenylarsenic compounds in abandoned toxic smoke canisters 1085(2005)213

Acesulfame-K

Separation and simultaneous determination of four artificial sweeteners in food and beverages by ion chromatography 1085(2005)143

Acidic copper plating bath

Ion-pair chromatography of bis (sodium-sulfopropyl) disulfide brightener in acidic copper plating baths 1085(2005)147

Alkylammonium cations

Ion association with alkylammonium cations for separation of anions by capillary electrophoresis 1085(2005)170

Alkyltrimethylammonium

Aliphatic long chain quaternary ammonium compounds analysis by ion-pair chromatography coupled with suppressed conductivity and UV detection in lysing reagents for blood cell analysers 1085(2005)86

Amino acids

Simultaneous determination of creatinine, creatine, and UV-absorbing amino acids using dual-mode gradient low-capacity cation-exchange chromatography 1085(2005)110

Aminoglycoside antibiotics

Comparative study on the analytical performance of three waveforms for the determination of several aminoglycoside antibiotics with high performance liquid chromatography using amperometric detection 1085(2005)124

Ammonium ion

Fluorometric determination of ammonium ion by ion chromatography using postcolumn derivatization with *o*-phthalaldehyde 1085(2005)91

Amperometric detection

Comparative study on the analytical performance of three waveforms for the determination of several aminoglycoside antibiotics with high performance liquid chromatography using amperometric detection 1085(2005)124

Analysis

Determination of synthetic chelating agents in surface and waste water by ion chromatography–mass spectrometry 1085(2005)240

Analytical method

Determination of triazines and dealkylated and hydroxylated metabolites in river water using a propazine-imprinted polymer 1085(2005)199

Anion-exchange resins

Local structures of ions at ion-exchange resin/solution interface 1085(2005)3

Anion-exchange

Analysis of carbohydrates in plants by high-performance anion-exchange chromatography coupled with electrospray mass spectrometry 1085(2005)137

Anions

Ion association with alkylammonium cations for separation of anions by capillary electrophoresis 1085(2005)170

Antimicrobials

Extraction and determination of sulfonamides, macrolides, and trimethoprim in sewage sludge 1085(2005)179

Aquatic environment

Determination of synthetic chelating agents in surface and waste water by ion chromatography–mass spectrometry 1085(2005)240

Arabidopsis

Development of a comprehensive analytical method for phosphate metabolites in plants by ion chromatography coupled with tandem mass spectrometry 1085(2005)131

Artificial neural networks

Development of an inorganic cations retention model in ion chromatography by means of artificial neural networks with different two-phase training algorithms 1085(2005)74

Artificial sweeteners

Separation and simultaneous determination of four artificial sweeteners in food and beverages by ion chromatography 1085(2005)143

Aspartame

Separation and simultaneous determination of four artificial sweeteners in food and beverages by ion chromatography 1085(2005)143

Baby food

Determination of priority pesticides in baby foods by gas chromatography tandem quadrupole mass spectrometry 1085(2005)207

Beverages

Analysis of carbohydrates by anion exchange chromatography and mass spectrometry 1085(2005)104

BGE

Ion association with alkylammonium cations for separation of anions by capillary electrophoresis 1085(2005)170

Bis (sodium-sulfopropyl) disulfide

Ion-pair chromatography of bis (sodium-sulfopropyl) disulfide brightener in acidic copper plating baths 1085(2005)147

Bottled drinking water

Determination of trace concentrations of bromate in municipal and bottled drinking waters using a hydroxide-selective column with ion chromatography 1085(2005)23

Brightener additive

Ion-pair chromatography of bis (sodium-sulfopropyl) disulfide brightener in acidic copper plating baths 1085(2005)147

Bromate

Determination of trace concentrations of bromate in municipal and bottled drinking waters using a hydroxide-selective column with ion chromatography 1085(2005)23

Chloride interference in the determination of bromate in drinking water by reagent free ion chromatography with mass spectrometry detection 1085(2005)42

Capillary electrophoresis

Ion association with alkylammonium cations for separation of anions by capillary electrophoresis 1085(2005)170

Carbohydrates

Analysis of carbohydrates by anion exchange chromatography and mass spectrometry 1085(2005)104

Analysis of carbohydrates in plants by high-performance anion-exchange chromatography coupled with electrospray mass spectrometry 1085(2005)137

Cations

Preparation and applications of weak acid cation exchanger based on monodisperse poly(ethylvinylbenzene-co-divinylbenzene) beads 1085(2005)18

Chelating agents

Determination of synthetic chelating agents in surface and waste water by ion chromatography-mass spectrometry 1085(2005)240

Chloride and bromide

Local structures of ions at ion-exchange resin/solution interface 1085(2005)3

Chloride

Comparison of two Cryptand separator columns for the determination of trace chloride in semiconductor-grade nitric acid 1085(2005)33

Chromate

Study of the selectivity of inorganic anions in hydro-organic solvents using indirect capillary electrophoresis 1085(2005)155

Chromatographic analysis

Identification and quantitative determination of diphenylarsenic compounds in abandoned toxic smoke canisters 1085(2005)213

Chromatography

Liquid chromatography of polyoxyethylenes under critical conditions: A thermodynamic study 1085(2005)253

Ciprofloxacin

Usefulness of D-optimal designs and multicriteria optimization in laborious analytical procedures. Application to the extraction of quinolones from eggs 1085(2005)190

 ClO_4^-

Trace level perchlorate analysis by ion chromatography-mass spectrometry 1085(2005)54

Conventional silver working electrode

Comparisons of disposable and conventional silver working electrode for the determination of iodide using high-performance anion-exchange chromatography with pulsed amperometric detection 1085(2005)37

Creatine

Simultaneous determination of creatinine, creatine, and UV-absorbing amino acids using dual-mode gradient low-capacity cation-exchange chromatography 1085(2005)110

Creatinine ratio

Simultaneous determination of creatinine, creatine, and UV-absorbing amino acids using dual-mode gradient low-capacity cation-exchange chromatography 1085(2005)110

Creatinine

Simultaneous determination of creatinine, creatine, and UV-absorbing amino acids using dual-mode gradient low-capacity cation-exchange chromatography 1085(2005)110

Critical conditions

Liquid chromatography of polyoxyethylenes under critical conditions: A thermodynamic study 1085(2005)253

Crocin metabolites

Use of non-aqueous capillary electrophoresis for the quality control of commercial saffron samples 1085(2005)293

Crown ether

Utilisation of crown ethers in microemulsion electrokinetic chromatography for the separation of inorganic cations 1085(2005)164

CZE with direct detection

Comparison of shikimic acid determination by capillary zone electrophoresis with direct and indirect detection with liquid chromatography for varietal differentiation of red wines 1085(2005)285

CZE with indirect detection

Comparison of shikimic acid determination by capillary zone electrophoresis with direct and indirect detection with liquid chromatography for varietal differentiation of red wines 1085(2005)285

Derivatisation

Multi-residue method for the determination of thyreostats in urine samples using liquid chromatography coupled to tandem mass spectrometry after derivatisation with 3-iodobenzylbromide 1085(2005)247

Detection, LC

Stabilization of sulfide and sulfite and ion-pair chromatography of mixtures of sulfide, sulfite, sulfate and thiosulfate 1085(2005)47

Diphenylarsenic compound

Identification and quantitative determination of diphenylarsenic compounds in abandoned toxic smoke canisters 1085(2005)213

Disinfection byproduct anions

Determination of trace concentrations of bromate in municipal and bottled drinking waters using a hydroxide-selective column with ion chromatography 1085(2005)23

Disposable silver working electrode

Comparisons of disposable and conventional silver working electrode for the determination of iodide using high-performance anion-exchange chromatography with pulsed amperometric detection 1085(2005)37

4,5-Dithiaoctane-1,8-disulfonic acid

Ion-pair chromatography of bis (sodium-sulfopropyl) disulfide brightener in acidic copper plating baths 1085(2005)147

D-optimal design

Usefulness of D-optimal designs and multicriteria optimization in laborious analytical procedures. Application to the extraction of quinolones from eggs 1085(2005)190

Drinking water

Chloride interference in the determination of bromate in drinking water by reagent free ion chromatography with mass spectrometry detection 1085(2005)42

DTPA

Determination of synthetic chelating agents in surface and waste water by ion chromatography–mass spectrometry 1085(2005)240

Dual-mode gradient

Simultaneous determination of creatinine, creatine, and UV-absorbing amino acids using dual-mode gradient low-capacity cation-exchange chromatography 1085(2005)110

EDTA

Determination of synthetic chelating agents in surface and waste water by ion chromatography–mass spectrometry 1085(2005)240

Electroosmotic flow

Study of the selectivity of inorganic anions in hydro-organic solvents using indirect capillary electrophoresis 1085(2005)155

Electrospray mass spectrometry

Development of a comprehensive analytical method for phosphate metabolites in plants by ion chromatography coupled with tandem mass spectrometry 1085(2005)131

Ellagitannins

Isolation and structure elucidation of phenolic compounds from longan (*Dimocarpus longan* Lour.) seed by high-performance liquid chromatography–electrospray ionization mass spectrometry 1085(2005)270

ELSD

Development of a *Ginkgo biloba* fingerprint chromatogram with UV and evaporative light scattering detection and optimization of the evaporative light scattering detector operating conditions 1085(2005)230

Eluent generator

Separation and simultaneous determination of four artificial sweeteners in food and beverages by ion chromatography 1085(2005)143

Enrofloxacin

Usefulness of D-optimal designs and multicriteria optimization in laborious analytical procedures. Application to the extraction of quinolones from eggs 1085(2005)190

Enthalpy

Liquid chromatography of polyoxyethylenes under critical conditions: A thermodynamic study 1085(2005)253

Entropy

Liquid chromatography of polyoxyethylenes under critical conditions: A thermodynamic study 1085(2005)253

EPA Method 300.1B

Determination of trace concentrations of bromate in municipal and bottled drinking waters using a hydroxide-selective column with ion chromatography 1085(2005)23

EPA Method 317.0

Determination of trace concentrations of bromate in municipal and bottled drinking waters using a hydroxide-selective column with ion chromatography 1085(2005)23

European Decision 2002/657/EC

Usefulness of D-optimal designs and multicriteria optimization in laborious analytical procedures. Application to the extraction of quinolones from eggs 1085(2005)190

Exchange algorithm

Usefulness of D-optimal designs and multicriteria optimization in laborious analytical procedures. Application to the extraction of quinolones from eggs 1085(2005)190

Fingerprint chromatogram

Development of a *Ginkgo biloba* fingerprint chromatogram with UV and evaporative light scattering detection and optimization of the evaporative light scattering detector operating conditions 1085(2005)230

Fish-oils

Determination of mono- to octachlorobiphenyls in fish oil using Florisil adsorption followed by headspace solid-phase microextraction and gas chromatography with time-of-flight mass spectrometric detection 1085(2005)278

Florisil

Determination of mono- to octachlorobiphenyls in fish oil using Florisil adsorption followed by headspace solid-phase microextraction and gas chromatography with time-of-flight mass spectrometric detection 1085(2005)278

Fluorescence

Usefulness of D-optimal designs and multicriteria optimization in laborious analytical procedures. Application to the extraction of quinolones from eggs 1085(2005)190

Fluorometric detection

Fluorometric determination of ammonium ion by ion chromatography using postcolumn derivatization with *o*-phthaldialdehyde 1085(2005)91

Food

Analysis of carbohydrates by anion exchange chromatography and mass spectrometry 1085(2005)104

Gallotannins

Isolation and structure elucidation of phenolic compounds from longan (*Dimocarpus longan* Lour.) seed by high-performance liquid chromatography–electrospray ionization mass spectrometry 1085(2005)270

Gas chromatography

Determination of priority pesticides in baby foods by gas chromatography tandem quadrupole mass spectrometry 1085(2005)207

Ginkgo biloba

Development of a *Ginkgo biloba* fingerprint chromatogram with UV and evaporative light scattering detection and optimization of the evaporative light scattering detector operating conditions 1085(2005)230

Headspace solid-phase microextraction

Determination of mono- to octachlorobiphenyls in fish oil using Florisil adsorption followed by headspace solid-phase microextraction and gas chromatography with time-of-flight mass spectrometric detection 1085(2005)278

High capacity column

Chloride interference in the determination of bromate in drinking water by reagent free ion chromatography with mass spectrometry detection 1085(2005)42

High performance anion exchange chromatography

Determination of several sugars in serum by high-performance anion-exchange chromatography with pulsed amperometric detection 1085(2005)98

Analysis of carbohydrates by anion exchange chromatography and mass spectrometry 1085(2005)104

High performance liquid chromatography

Comparative study on the analytical performance of three waveforms for the determination of several aminoglycoside antibiotics with high performance liquid chromatography using amperometric detection 1085(2005)124

HPAEC

Comparisons of disposable and conventional silver working electrode for the determination of iodide using high-performance anion-exchange chromatography with pulsed amperometric detection 1085(2005)37

HPLC

Usefulness of D-optimal designs and multicriteria optimization in laborious analytical procedures. Application to the extraction of quinolones from eggs 1085(2005)190

Simple and rapid method for *cis*- and *trans*-resveratrol and piceid isomers determination in wine by high-performance liquid chromatography using Chromolith columns 1085(2005)224

Analysis of the nitrogen mustard mechlorethamine in topical pharmaceutical preparations by high-performance liquid chromatography 1085(2005)262

Comparison of shikimic acid determination by capillary zone electrophoresis with direct and indirect detection with liquid chromatography for varietal differentiation of red wines 1085(2005)285

HPLC-ESI-MS

Isolation and structure elucidation of phenolic compounds from longan (*Dimocarpus longan* Lour.) seed by high-performance liquid chromatography-electrospray ionization mass spectrometry 1085(2005)270

Hydrofluoric acid

Trace anion determination in concentrated hydrofluoric acid solutions by two-dimensional ion chromatography. I. Matrix elimination by ion-exclusion chromatography 1085(2005)60

Trace anion determination in concentrated hydrofluoric acid solutions by two-dimensional ion chromatography. II. Method performance study with a hydroxide eluent and a low noise suppressor 1085(2005)66

Hydroxylated and dealkylated metabolites

Determination of triazines and dealkylated and hydroxylated metabolites in river water using a propazine-imprinted polymer 1085(2005)199

IC

Trace level perchlorate analysis by ion chromatography-mass spectrometry 1085(2005)54

IC-MS

Trace level perchlorate analysis by ion chromatography-mass spectrometry 1085(2005)54

Determination of synthetic chelating agents in surface and waste water by ion chromatography-mass spectrometry 1085(2005)240

Indirect detection

Study of the selectivity of inorganic anions in hydro-organic solvents using indirect capillary electrophoresis 1085(2005)155

Inductively-coupled plasma mass spectrometry

Analysis of iodinated X-ray contrast agents in water samples by ion chromatography and inductively-coupled plasma mass spectrometry 1085(2005)117

Inorganic acids

Comparison of two Cryptand separator columns for the determination of trace chloride in semiconductor-grade nitric acid 1085(2005)33

Inorganic anions

Study of the selectivity of inorganic anions in hydro-organic solvents using indirect capillary electrophoresis 1085(2005)155

Inorganic cations

Development of an inorganic cations retention model in ion chromatography by means of artificial neural networks with different two-phase training algorithms 1085(2005)74

Utilisation of crown ethers in microemulsion electrokinetic chromatography for the separation of inorganic cations 1085(2005)164

Inulin

Analysis of carbohydrates by anion exchange chromatography and mass spectrometry 1085(2005)104

Iodate

Analysis of iodinated X-ray contrast agents in water samples by ion chromatography and inductively-coupled plasma mass spectrometry 1085(2005)117

Iodide

Comparisons of disposable and conventional silver working electrode for the determination of iodide using high-performance anion-exchange chromatography with pulsed amperometric detection 1085(2005)37

Analysis of iodinated X-ray contrast agents in water samples by ion chromatography and inductively-coupled plasma mass spectrometry 1085(2005)117

Iodinated

Analysis of iodinated X-ray contrast agents in water samples by ion chromatography and inductively-coupled plasma mass spectrometry 1085(2005)117

Ion chromatography

Factors affecting selectivity in ion chromatography (Review) 1085(2005)8

Determination of trace concentrations of bromate in municipal and bottled drinking waters using a hydroxide-selective column with ion chromatography 1085(2005)23

Comparison of two Cryptand separator columns for the determination of trace chloride in semiconductor-grade nitric acid 1085(2005)33

Chloride interference in the determination of bromate in drinking water by reagent free ion chromatography with mass spectrometry detection 1085(2005)42

Fluorometric determination of ammonium ion by ion chromatography using postcolumn derivatization with *o*-phthalaldehyde 1085(2005)91

Development of an inorganic cations retention model in ion chromatography by means of artificial neural networks with different two-phase training algorithms 1085(2005)74

Analysis of iodinated X-ray contrast agents in water samples by ion chromatography and inductively-coupled plasma mass spectrometry 1085(2005)117

Development of a comprehensive analytical method for phosphate metabolites in plants by ion chromatography coupled with tandem mass spectrometry 1085(2005)131

Analysis of carbohydrates in plants by high-performance anion-exchange chromatography coupled with electrospray mass spectrometry 1085(2005)137

Separation and simultaneous determination of four artificial sweeteners in food and beverages by ion chromatography 1085(2005)143

Ion chromatography–mass spectrometry

Determination of synthetic chelating agents in surface and waste water by ion chromatography–mass spectrometry 1085(2005)240

Ion-exclusion chromatography

Trace anion determination in concentrated hydrofluoric acid solutions by two-dimensional ion chromatography. I. Matrix elimination by ion-exclusion chromatography 1085(2005)60

Comparison of shikimic acid determination by capillary zone electrophoresis with direct and indirect detection with liquid chromatography for varietal differentiation of red wines 1085(2005)285

Ion-pair chromatography

Ion-pair chromatography of bis (sodium-sulfopropyl) disulfide brightener in acidic copper plating baths 1085(2005)147

Ion-pairing reagent

Stabilization of sulfide and sulfite and ion-pair chromatography of mixtures of sulfide, sulfite, sulfate and thiosulfate 1085(2005)47

LC

Analysis of carbohydrates by anion exchange chromatography and mass spectrometry 1085(2005)104

LC-ESI-MS/MS

Multi-residue method for the determination of thyrostats in urine samples using liquid chromatography coupled to tandem mass spectrometry after derivatisation with 3-iodobenzylbromide 1085(2005)247

Local structure

Local structures of ions at ion-exchange resin/solution interface 1085(2005)3

Longan seed

Isolation and structure elucidation of phenolic compounds from longan (*Dimocarpus longan* Lour.) seed by high-performance liquid chromatography–electrospray ionization mass spectrometry 1085(2005)270

Low-capacity cation-exchange chromatography

Simultaneous determination of creatinine, creatine, and UV-absorbing amino acids using dual-mode gradient low-capacity cation-exchange chromatography 1085(2005)110

Lysing reagents

Aliphatic long chain quaternary ammonium compounds analysis by ion-pair chromatography coupled with suppressed conductivity and UV detection in lysing reagents for blood cell analysers 1085(2005)86

Macrolide

Extraction and determination of sulfonamides, macrolides, and trimethoprim in sewage sludge 1085(2005)179

Mass spectrometry

Analysis of carbohydrates by anion exchange chromatography and mass spectrometry 1085(2005)104

Analysis of carbohydrates in plants by high-performance anion-exchange chromatography coupled with electrospray mass spectrometry 1085(2005)137

Matrix effects

Trace anion determination in concentrated hydrofluoric acid solutions by two-dimensional ion chromatography. I. Matrix elimination by ion-exclusion chromatography 1085(2005)60

Mechlorethamine

Analysis of the nitrogen mustard mechlorethamine in topical pharmaceutical preparations by high-performance liquid chromatography 1085(2005)262

Mercaptobenzimidazole

Multi-residue method for the determination of thyrostats in urine samples using liquid chromatography coupled to tandem mass spectrometry after derivatisation with 3-iodobenzylbromide 1085(2005)247

3-(Mercaptopropane) sulfonic acid

Ion-pair chromatography of bis (sodium-sulfopropyl) disulfide brightener in acidic copper plating baths 1085(2005)147

Methanol

Study of the selectivity of inorganic anions in hydro-organic solvents using indirect capillary electrophoresis 1085(2005)155

Method validation

Trace anion determination in concentrated hydrofluoric acid solutions by two-dimensional ion chromatography. II. Method performance study with a hydroxide eluent and a low noise suppressor 1085(2005)66

Microemulsion electrokinetic chromatography

Utilisation of crown ethers in microemulsion electrokinetic chromatography for the separation of inorganic cations 1085(2005)164

Molecularly imprinted polymers

Determination of triazines and dealkylated and hydroxylated metabolites in river water using a propazine-imprinted polymer 1085(2005)199

Mono fluorophosphoric acid

Trace anion determination in concentrated hydrofluoric acid solutions by two-dimensional ion chromatography. I. Matrix elimination by ion-exclusion chromatography 1085(2005)60

Monodisperse

Preparation and applications of weak acid cation exchanger based on monodisperse poly(ethylvinylbenzene-co-divinylbenzene) beads 1085(2005)18

Monolithic column

Simple and rapid method for *cis*- and *trans*-resveratrol and piceid isomers determination in wine by high-performance liquid chromatography using Chromolith columns 1085(2005)224

MPS

Ion-pair chromatography of bis (sodium-sulfopropyl) disulfide brightener in acidic copper plating baths 1085(2005)147

MRPL

Multi-residue method for the determination of thyreostats in urine samples using liquid chromatography coupled to tandem mass spectrometry after derivatisation with 3-iodobenzylbromide 1085(2005)247

MS

Trace level perchlorate analysis by ion chromatography–mass spectrometry 1085(2005)54

Municipal drinking water

Determination of trace concentrations of bromate in municipal and bottled drinking waters using a hydroxide-selective column with ion chromatography 1085(2005)23

Nitrogen mustard

Analysis of the nitrogen mustard mechlorethamine in topical pharmaceutical preparations by high-performance liquid chromatography 1085(2005)262

Non-aqueous capillary electrophoresis

Use of non-aqueous capillary electrophoresis for the quality control of commercial saffron samples 1085(2005)293

Ointments

Analysis of the nitrogen mustard mechlorethamine in topical pharmaceutical preparations by high-performance liquid chromatography 1085(2005)262

Oligosaccharides

Analysis of carbohydrates by anion exchange chromatography and mass spectrometry 1085(2005)104

PAD

Comparisons of disposable and conventional silver working electrode for the determination of iodide using high-performance anion-exchange chromatography with pulsed amperometric detection 1085(2005)37

PCBs

Determination of mono- to octachlorobiphenyls in fish oil using Florisil adsorption followed by headspace solid-phase microextraction and gas chromatography with time-of-flight mass spectrometric detection 1085(2005)278

Perchlorate by IC–MS

Trace level perchlorate analysis by ion chromatography–mass spectrometry 1085(2005)54

Perchlorate

Trace level perchlorate analysis by ion chromatography–mass spectrometry 1085(2005)54

Pesticides

Determination of priority pesticides in baby foods by gas chromatography tandem quadrupole mass spectrometry 1085(2005)207

Phenolics

Isolation and structure elucidation of phenolic compounds from longan (*Dimocarpus longan* Lour.) seed by high-performance liquid chromatography–electrospray ionization mass spectrometry 1085(2005)270

***o*-Phthaldialdehyde**

Fluorometric determination of ammonium ion by ion chromatography using postcolumn derivatization with *o*-phthaldialdehyde 1085(2005)91

Phytoalexin

Simple and rapid method for *cis*- and *trans*-resveratrol and piceid isomers determination in wine by high-performance liquid chromatography using Chromolith columns 1085(2005)224

Piceid

Simple and rapid method for *cis*- and *trans*-resveratrol and piceid isomers determination in wine by high-performance liquid chromatography using Chromolith columns 1085(2005)224

Polar organic micropollutants

Determination of synthetic chelating agents in surface and waste water by ion chromatography–mass spectrometry 1085(2005)240

Poly(ethylvinylbenzene-co-divinylbenzene)

Preparation and applications of weak acid cation exchanger based on monodisperse poly(ethylvinylbenzene-co-divinylbenzene) beads 1085(2005)18

Polyethylene glycol

Liquid chromatography of polyoxyethylenes under critical conditions: A thermodynamic study 1085(2005)253

Polystyrene-divinylbenzene

Simultaneous determination of creatinine, creatine, and UV-absorbing amino acids using dual-mode gradient low-capacity cation-exchange chromatography 1085(2005)110

Populus euphratica

Analysis of carbohydrates in plants by high-performance anion-exchange chromatography coupled with electrospray mass spectrometry 1085(2005)137

Postcolumn derivatization

Fluorometric determination of ammonium ion by ion chromatography using postcolumn derivatization with *o*-phthaldialdehyde 1085(2005)91

Pressurized liquid extraction

Extraction and determination of sulfonamides, macrolides, and trimethoprim in sewage sludge 1085(2005)179

Proanthocyanidins

Isolation and structure elucidation of phenolic compounds from longan (*Dimocarpus longan* Lour.) seed by high-performance liquid chromatography–electrospray ionization mass spectrometry 1085(2005)270

Probes

Study of the selectivity of inorganic anions in hydro-organic solvents using indirect capillary electrophoresis 1085(2005)155

Pulsed amperometric detection

Determination of several sugars in serum by high-performance anion-exchange chromatography with pulsed amperometric detection 1085(2005)98

Analysis of carbohydrates by anion exchange chromatography and mass spectrometry 1085(2005)104

Quality control

Use of non-aqueous capillary electrophoresis for the quality control of commercial saffron samples 1085(2005)293

Quaternary ammonium compounds

Aliphatic long chain quaternary ammonium compounds analysis by ion-pair chromatography coupled with suppressed conductivity and UV detection in lysing reagents for blood cell analysers 1085(2005)86

Red canister

Identification and quantitative determination of diphenylarsenic compounds in abandoned toxic smoke canisters 1085(2005)213

Red wine

Comparison of shikimic acid determination by capillary zone electrophoresis with direct and indirect detection with liquid chromatography for varietal differentiation of red wines 1085(2005)285

Regression statistics

Ion-pair chromatography of bis (sodium-sulfopropyl) disulfide brightener in acidic copper plating baths 1085(2005)147

Reserved phase chromatography

Comparison of shikimic acid determination by capillary zone electrophoresis with direct and indirect detection with liquid chromatography for varietal differentiation of red wines 1085(2005)285

Residue analysis

Usefulness of D-optimal designs and multicriteria optimization in laborious analytical procedures. Application to the extraction of quinolones from eggs 1085(2005)190

Resveratrol

Simple and rapid method for *cis*- and *trans*-resveratrol and piceid isomers determination in wine by high-performance liquid chromatography using Chromolith columns 1085(2005)224

Retention modelling

Development of an inorganic cations retention model in ion chromatography by means of artificial neural networks with different two-phase training algorithms 1085(2005)74

Saffron samples

Use of non-aqueous capillary electrophoresis for the quality control of commercial saffron samples 1085(2005)293

Salicin

Analysis of carbohydrates in plants by high-performance anion-exchange chromatography coupled with electrospray mass spectrometry 1085(2005)137

Selectivity

Factors affecting selectivity in ion chromatography (Review) 1085(2005)8

Study of the selectivity of inorganic anions in hydro-organic solvents using indirect capillary electrophoresis 1085(2005)155

SEMI

Trace anion determination in concentrated hydrofluoric acid solutions by two-dimensional ion chromatography. I. Matrix elimination by ion-exclusion chromatography 1085(2005)60

Trace anion determination in concentrated hydrofluoric acid solutions by two-dimensional ion chromatography. II. Method performance study with a hydroxide eluent and a low noise suppressor 1085(2005)66

Separation selectivity

Utilisation of crown ethers in microemulsion electrokinetic chromatography for the separation of inorganic cations 1085(2005)164

Serum

Determination of several sugars in serum by high-performance anion-exchange chromatography with pulsed amperometric detection 1085(2005)98

Sewage sludge

Extraction and determination of sulfonamides, macrolides, and trimethoprim in sewage sludge 1085(2005)179

Shikimic acid

Comparison of shikimic acid determination by capillary zone electrophoresis with direct and indirect detection with liquid chromatography for varietal differentiation of red wines 1085(2005)285

Sodium cyclamate

Separation and simultaneous determination of four artificial sweeteners in food and beverages by ion chromatography 1085(2005)143

Sodium saccharin

Separation and simultaneous determination of four artificial sweeteners in food and beverages by ion chromatography 1085(2005)143

SPS

Ion-pair chromatography of bis (sodium-sulfopropyl) disulfide brightener in acidic copper plating baths 1085(2005)147

Stabilization, LC

Stabilization of sulfide and sulfite and ion-pair chromatography of mixtures of sulfide, sulfite, sulfate and thiosulfate 1085(2005)47

Stationary phase

Preparation and applications of weak acid cation exchanger based on monodisperse poly(ethylvinylbenzene-co-divinylbenzene) beads 1085(2005)18

Statistical analysis

Comparison of two Cryptand separator columns for the determination of trace chloride in semiconductor-grade nitric acid 1085(2005)33

Sternutators

Identification and quantitative determination of diphenylarsenic compounds in abandoned toxic smoke canisters 1085(2005)213

Sugar phosphate

Development of a comprehensive analytical method for phosphate metabolites in plants by ion chromatography coupled with tandem mass spectrometry 1085(2005)131

Sugar

Determination of several sugars in serum by high-performance anion-exchange chromatography with pulsed amperometric detection 1085(2005)98

Sulfate

Stabilization of sulfide and sulfite and ion-pair chromatography of mixtures of sulfide, sulfite, sulfate and thiosulfate 1085(2005)47

Sulfide

Stabilization of sulfide and sulfite and ion-pair chromatography of mixtures of sulfide, sulfite, sulfate and thiosulfate 1085(2005)47

Sulfite

Stabilization of sulfide and sulfite and ion-pair chromatography of mixtures of sulfide, sulfite, sulfate and thiosulfate 1085(2005)47

Sulfoacylation

Simultaneous determination of creatinine, creatine, and UV-absorbing amino acids using dual-mode gradient low-capacity cation-exchange chromatography 1085(2005)110

Sulfonamide

Extraction and determination of sulfonamides, macrolides, and trimethoprim in sewage sludge 1085(2005)179

Sulfur anions

Stabilization of sulfide and sulfite and ion-pair chromatography of mixtures of sulfide, sulfite, sulfate and thiosulfate 1085(2005)47

Suppressed conductivity

Aliphatic long chain quaternary ammonium compounds analysis by ion-pair chromatography coupled with suppressed conductivity and UV detection in lysing reagents for blood cell analysers 1085(2005)86

Surfactants

Aliphatic long chain quaternary ammonium compounds analysis by ion-pair chromatography coupled with suppressed conductivity and UV detection in lysing reagents for blood cell analysers 1085(2005)86

Study of the selectivity of inorganic anions in hydro-organic solvents using indirect capillary electrophoresis 1085(2005)155

Tandem quadrupole mass spectrometry

Determination of priority pesticides in baby foods by gas chromatography tandem quadrupole mass spectrometry 1085(2005)207

Temperature

Liquid chromatography of polyoxyethylenes under critical conditions: A thermodynamic study 1085(2005)253

Thiocyanate

Stabilization of sulfide and sulfite and ion-pair chromatography of mixtures of sulfide, sulfite, sulfate and thiosulfate 1085(2005)47

Thiosulfate

Stabilization of sulfide and sulfite and ion-pair chromatography of mixtures of sulfide, sulfite, sulfate and thiosulfate 1085(2005)47

Thiouracil

Multi-residue method for the determination of thyreostats in urine samples using liquid chromatography coupled to tandem mass spectrometry after derivatisation with 3-iodobenzylbromide 1085(2005)247

Three-level screening design

Development of a *Ginkgo biloba* fingerprint chromatogram with UV and evaporative light scattering detection and optimization of the evaporative light scattering detector operating conditions 1085(2005)230

Thyreostatic drugs

Multi-residue method for the determination of thyreostats in urine samples using liquid chromatography coupled to tandem mass spectrometry after derivatisation with 3-iodobenzylbromide 1085(2005)247

Topical pharmaceutical

Analysis of the nitrogen mustard mechlorethamine in topical pharmaceutical preparations by high-performance liquid chromatography 1085(2005)262

Trace analysis

Trace anion determination in concentrated hydrofluoric acid solutions by two-dimensional ion chromatography. II. Method performance study with a hydroxide eluent and a low noise suppressor 1085(2005)66

Trace anions

Comparison of two Cryptand separator columns for the determination of trace chloride in semiconductor-grade nitric acid 1085(2005)33

Trace perchlorate

Trace level perchlorate analysis by ion chromatography–mass spectrometry 1085(2005)54

Triazines

Determination of triazines and dealkylated and hydroxylated metabolites in river water using a propazine-imprinted polymer 1085(2005)199

Two-dimensional ion chromatography

Trace anion determination in concentrated hydrofluoric acid solutions by two-dimensional ion chromatography. II. Method performance study with a hydroxide eluent and a low noise suppressor 1085(2005)66

Urine

Multi-residue method for the determination of thyreostats in urine samples using liquid chromatography coupled to tandem mass spectrometry after derivatisation with 3-iodobenzylbromide 1085(2005)247

UV

Aliphatic long chain quaternary ammonium compounds analysis by ion-pair chromatography coupled with suppressed conductivity and UV detection in lysing reagents for blood cell analysers 1085(2005)86

Water analysis

Stabilization of sulfide and sulfite and ion-pair chromatography of mixtures of sulfide, sulfite, sulfate and thiosulfate 1085(2005)47

Analysis of iodinated X-ray contrast agents in water samples by ion chromatography and inductively-coupled plasma mass spectrometry 1085(2005)117

Waveforms

Comparative study on the analytical performance of three waveforms for the determination of several aminoglycoside antibiotics with high performance liquid chromatography using amperometric detection 1085(2005)124

X-ray contrast agents

Analysis of iodinated X-ray contrast agents in water samples by ion chromatography and inductively-coupled plasma mass spectrometry 1085(2005)117