

Journal of Chromatography A, 878 (2000) 275-278

JOURNAL OF CHROMATOGRAPHY A

www.elsevier.com/locate/chroma

Subject Index Vol. 878

Absorbants

Pellicular expanded bed matrix suitable for high flow rates 878(2000)17

Agarose-stainless steel composite

Pellicular expanded bed matrix suitable for high flow rates 878(2000)17

Air analysis

Characterization of a commercial gas chromatography-flame ionization detection system for the in situ determination of C₅-C₁₀ hydrocarbons in ambient air 878(2000)215

Alkaloids

Analysis of tetramethylpyrazine in Ephedrae herba by gas chromatography-mass spectrometry and high-performance liquid chromatography 878(2000)147

Hold-up time in gas chromatography. V. Dependence of the retention of n-alkanes on the chromatographic variables in isothermal gas chromatography 878(2000)125

Evaluation of time-of-flight mass spectrometric detection for fast gas chromatography 878(2000)205

Large degree of racemization observed in the amide bond forming reaction on silica gel 878(2000)165

Amino acids

Amperometric determination of underivatized amino acids at a nickel-modified gold electrode by anion-exchange chromatography 878(2000)57

Amperometric detection, LC

Amperometric determination of underivatized amino acids at a nickel-modified gold electrode by anion-exchange chromatography 878(2000)57

Azaarenes

Determination of basic nitrogen-containing polynuclear aromatic hydrocarbons formed during thermal degradation of polymers by high-performance liquid chromatography-fluorescence detection 878(2000)171

Bed consolidation

Evaluation of the secondary consolidation of columns for liquid chromatography by ultrasonic irradiation 878(2000)153

Evaluation of time-of-flight mass spectrometric detection for fast gas chromatography 878(2000)205

Determination of butyltin and phenyltin species by reversedphase liquid chromatography and fluorimetric detection 878(2000)69

Caseinomacropeptide

Simultaneous separation and quantitation of the major bovine whey proteins including proteose peptone and caseinomacropeptide by reversed-phase high-performance liquid chromatography on polystyrene-divinylbenzene 878(2000)183

Cheese

Amperometric determination of underivatized amino acids at a nickel-modified gold electrode by anion-exchange chromatography 878(2000)57

Determination of cow's milk in non-bovine and mixed cheeses by capillary electrophoresis of whey proteins in acidic isoelectric buffers 878(2000)261

Chiral compounds

Case of enantiomer impurity identification by normal-phase chiral high-performance liquid chromatography with optical rotation and mass spectrometric detection 878(2000)35

Chiral stationary phases, LC

Large degree of racemization observed in the amide bond forming reaction on silica gel 878(2000)165

Chlormequat

Determination of the plant growth regulator chlormequat in food by liquid chromatography-electrospray ionisation tandem mass spectrometry 878(2000)77

Chlorotriazines

Capillary zone electrophoretic separation of neutral species of chloro-s-triazines in the presence of cationic surfactant monomers 878(2000)137

0021-9673/00/\$ - see front matter © 2000 Elsevier Science B.V. All right reserved PII: S0021-9673(00)00443-X

Cyclic oligomers

Analysis of linear and cyclic oligomers in polyamide-6 without sample preparation by liquid chromatography using the sandwich injection method. II. Methods of detection and quantification and overall long-term performance 878(2000)45

Cytokinins

Determination of dissociation constants of cytokinins by capillary zone electrophoresis 878(2000)249

Detection, LC

Using a differential refractive index detector as a pressure transducer for online viscometry in exclusion chromatography 878(2000)1

Dimethyldiphenylacetamide

Gas chromatography—mass spectrometry—Fourier transform infrared spectrometry and high-performance liquid chromatographic characterization of mononitro- and dinitro-isomers from the nitration of *N*,*N*-dimethyldiphenylacetamide 878(2000)235

Dissociation constants

Determination of dissociation constants of cytokinins by capillary zone electrophoresis 878(2000)249

Enantiomer separation

Case of enantiomer impurity identification by normal-phase chiral high-performance liquid chromatography with optical rotation and mass spectrometric detection 878(2000)35

Large degree of racemization observed in the amide bond forming reaction on silica gel 878(2000)165

Environmental analysis

Characterization of a commercial gas chromatography-flame ionization detection system for the in situ determination of C_5 - C_{10} hydrocarbons in ambient air 878(2000)215

Ephedrae herba

Analysis of tetramethylpyrazine in *Ephedrae herba* by gas chromatography—mass spectrometry and high-performance liquid chromatography 878(2000)147

Expanded bed

Pellicular expanded bed matrix suitable for high flow rates 878(2000)17

Extraction methods

Simultaneous quantitative trace analysis of anionic and nonionic surfactant mixtures by reversed-phase liquid chromatography 878(2000)99

Factorial design

Simultaneous quantitative trace analysis of anionic and nonionic surfactant mixtures by reversed-phase liquid chromatography 878(2000)99

Flow-rate

Pellicular expanded bed matrix suitable for high flow rates 878(2000)17

Fluidised bed

Pellicular expanded bed matrix suitable for high flow rates 878(2000)17

Food analysis

Amperometric determination of underivatized amino acids at a nickel-modified gold electrode by anion-exchange chromatography 878(2000)57

Determination of the plant growth regulator chlormequat in food by liquid chromatography-electrospray ionisation tandem mass spectrometry 878(2000)77

Simultaneous separation and quantitation of the major bovine whey proteins including proteose peptone and caseinomacropeptide by reversed-phase high-performance liquid chromatography on polystyrene–divinylbenzene 878(2000)183

Determination of cow's milk in non-bovine and mixed cheeses by capillary electrophoresis of whey proteins in acidic isoelectric buffers 878(2000)261

Gas chromatography, fast

Evaluation of time-of-flight mass spectrometric detection for fast gas chromatography 878(2000)205

Hold-up times

Hold-up time in gas chromatography. V. Dependence of the retention of n-alkanes on the chromatographic variables in isothermal gas chromatography 878(2000)125

Hydrocarbons

Characterization of a commercial gas chromatography–flame ionization detection system for the in situ determination of $\rm C_{5}-C_{10}$ hydrocarbons in ambient air 878(2000)215

Immobilized chaperonins

Lysozyme refolding with immobilized GroEL column chromatography 878(2000)197

Impurity identification

Case of enantiomer impurity identification by normal-phase chiral high-performance liquid chromatography with optical rotation and mass spectrometric detection 878(2000)35

Injection methods

Analysis of linear and cyclic oligomers in polyamide-6 without sample preparation by liquid chromatography using the sandwich injection method. II. Methods of detection and quantification and overall long-term performance 878(2000)45

Lidocaine

Multiple solid-phase microextraction 878(2000)27

Linear solvation energy relationships

Revised linear solvation energy relationship coefficients for the 77-phase McReynolds data set based on an updated set of solute descriptors 878(2000)115

Lysozyme

Lysozyme refolding with immobilized GroEL column chromatography 878(2000)197

Mass spectrometry

Evaluation of time-of-flight mass spectrometric detection for fast gas chromatography 878(2000)205

Multiple extraction

Multiple solid-phase microextraction 878(2000)27

Nitro compounds

Gas chromatography—mass spectrometry—Fourier transform infrared spectrometry and high-performance liquid chromatographic characterization of mononitro- and dinitro-isomers from the nitration of *N*,*N*-dimethyldiphenylacetamide 878(2000)235

Optical rotation

Case of enantiomer impurity identification by normal-phase chiral high-performance liquid chromatography with optical rotation and mass spectrometric detection 878(2000)35

Packing procedures

Evaluation of the secondary consolidation of columns for liquid chromatography by ultrasonic irradiation 878(2000)153

Pellicillar expanded bed matrix

Pellicular expanded bed matrix suitable for high flow rates 878(2000)17

Pesticides

Determination of the plant growth regulator chlormequat in food by liquid chromatography-electrospray ionisation tandem mass spectrometry 878(2000)77

Simultaneous determination of acidic and non-acidic pesticides in natural waters by liquid chromatography-mass spectrometry 878(2000)87

Capillary zone electrophoretic separation of neutral species of chloro-s-triazines in the presence of cationic surfactant monomers 878(2000)137

Gas chromatography—mass spectrometry—Fourier transform infrared spectrometry and high-performance liquid chromatographic characterization of mononitro- and dinitro-isomers from the nitration of *N*,*N*-dimethyldiphenylacetamide 878(2000)235

Pharmaceutical analysis

Analysis of tetramethylpyrazine in *Ephedrae herba* by gas chromatography—mass spectrometry and high-performance liquid chromatography 878(2000)147

Phenvltin

Determination of butyltin and phenyltin species by reversedphase liquid chromatography and fluorimetric detection 878(2000)69

Polyamide-6

Analysis of linear and cyclic oligomers in polyamide-6 without sample preparation by liquid chromatography using the sandwich injection method. II. Methods of detection and quantification and overall long-term performance 878(2000)45

Poly(ethylene oxide)

Simultaneous quantitative trace analysis of anionic and nonionic surfactant mixtures by reversed-phase liquid chromatography 878(2000)99

Polymers

Determination of basic nitrogen-containing polynuclear aromatic hydrocarbons formed during thermal degradation of polymers by high-performance liquid chromatography—fluorescence detection 878(2000)171

Polynuclear aromatic hydrocarbons

Determination of basic nitrogen-containing polynuclear aromatic hydrocarbons formed during thermal degradation of polymers by high-performance liquid chromatography-fluorescence detection 878(2000)171

Pressure transducer

Using a differential refractive index detector as a pressure transducer for online viscometry in exclusion chromatography 878(2000)1

Proteins

Simultaneous separation and quantitation of the major bovine whey proteins including proteose peptone and caseinomacropeptide by reversed-phase high-performance liquid chromatography on polystyrene–divinylbenzene 878(2000)183

Lysozyme refolding with immobilized GroEL column chromatography 878(2000)197

Determination of cow's milk in non-bovine and mixed cheeses by capillary electrophoresis of whey proteins in acidic isoelectric buffers 878(2000)261

Proteose peptone

Simultaneous separation and quantitation of the major bovine whey proteins including proteose peptone and caseinomacropeptide by reversed-phase high-performance liquid chromatography on polystyrene–divinylbenzene 878(2000)183

Racemization

Large degree of racemization observed in the amide bond forming reaction on silica gel 878(2000)165

Refractive index detector

Using a differential refractive index detector as a pressure transducer for online viscometry in exclusion chromatography 878(2000)1

Regression analysis

Hold-up time in gas chromatography. V. Dependence of the retention of n-alkanes on the chromatographic variables in isothermal gas chromatography 878(2000)125

Retention time distribution method

Pellicular expanded bed matrix suitable for high flow rates 878(2000)17

Retention times

Hold-up time in gas chromatography. V. Dependence of the retention of n-alkanes on the chromatographic variables in isothermal gas chromatography 878(2000)125

Sandwich injection method

Analysis of linear and cyclic oligomers in polyamide-6 without sample preparation by liquid chromatography using the sandwich injection method. II. Methods of detection and quantification and overall long-term performance 878(2000)45

Secondary consolidation

Evaluation of the secondary consolidation of columns for liquid chromatography by ultrasonic irradiation 878(2000)153

Sodium dodecylsulphate

Simultaneous quantitative trace analysis of anionic and nonionic surfactant mixtures by reversed-phase liquid chromatography 878(2000)99

Solid-phase microextraction

Multiple solid-phase microextraction 878(2000)27

Solute descriptors

Revised linear solvation energy relationship coefficients for the 77-phase McReynolds data set based on an updated set of solute descriptors 878(2000)115

Surfactants

Simultaneous quantitative trace analysis of anionic and nonionic surfactant mixtures by reversed-phase liquid chromatography 878(2000)99

Capillary zone electrophoretic separation of neutral species of chloro-s-triazines in the presence of cationic surfactant monomers 878(2000)137

Tetramethylpyrazine

Analysis of tetramethylpyrazine in *Ephedrae herba* by gas chromatography—mass spectrometry and high-performance liquid chromatography 878(2000)147

Thermal degradation

Determination of basic nitrogen-containing polynuclear aromatic hydrocarbons formed during thermal degradation of polymers by high-performance liquid chromatography-fluorescence detection 878(2000)171

Toluene

Evaluation of time-of-flight mass spectrometric detection for fast gas chromatography 878(2000)205

Triazines

Capillary zone electrophoretic separation of neutral species of chloro-s-triazines in the presence of cationic surfactant monomers 878(2000)137

Ultrasonic irradiation

Evaluation of the secondary consolidation of columns for liquid chromatography by ultrasonic irradiation 878(2000)153

Volatile organic compounds

Characterization of a commercial gas chromatography-flame ionization detection system for the in situ determination of C_5 – C_{10} hydrocarbons in ambient air 878(2000)215

Water analysis

Simultaneous determination of acidic and non-acidic pesticides in natural waters by liquid chromatography-mass spectrometry 878(2000)87

Whey

Simultaneous separation and quantitation of the major bovine whey proteins including proteose peptone and caseinomacropeptide by reversed-phase high-performance liquid chromatography on polystyrene-divinylbenzene 878(2000)183

Whey proteins

Determination of cow's milk in non-bovine and mixed cheeses by capillary electrophoresis of whey proteins in acidic isoelectric buffers 878(2000)261