

# Journal of Chromatography A, 970 (2002) 299-302

# **JOURNAL OF** CHROMATOGRAPHY A

www.elsevier.com/locate/chroma

# Subject Index Vol. 970

Surface and wastewater quality monitoring: combination of liquid chromatography with (geno)toxicity detection, diode array detection and tandem mass spectrometry for identification of pollutants 970(2002)167

#### Aerobic composting

Gas chromatography-mass spectrometry as a tool for estimating odour concentrations of biofilter effluents at aerobic composting and rendering plants 970(2002)259

#### Aggregate formation

Towards the understanding of molecular mechanisms in the early stages of heat-induced aggregation of β-lactoglobulin AB 970(2002)275

#### **Amines**

Recent advances in the application of mass spectrometry in food-related analysis (Review) 970(2002)3

# Amino acid sequencing

Characterisation of botulinum toxins type A and B, by matrixassisted laser desorption ionisation and electrospray mass spectrometry 970(2002)95

# Androgens

Analysis on residues of estrogens, gestagens and androgens in kidney fat and meat with gas chromatography-tandem mass spectrometry 970(2002)235

# Aroma compounds

Recent advances in the application of mass spectrometry in food-related analysis (Review) 970(2002)3

# Atmospheric pressure photoionization

Atmospheric pressure photoionization liquid chromatographicmass spectrometric determination of idoxifene and its metabolites in human plasma 970(2002)155

#### **Botulinum toxins**

Characterisation of botulinum toxins type A and B, by matrixassisted laser desorption ionisation and electrospray mass spectrometry 970(2002)95

#### Carbohydrates

Recent advances in the application of mass spectrometry in food-related analysis (Review) 970(2002)3

#### Chestnut

Analysis of commercial vegetable tanning agents by reversedphase liquid chromatography-electrospray ionization-tandem mass spectrometry and its application to wastewater 970(2002)191

# Component detection algorithm

Comparison between liquid chromatography-UV detection and liquid chromatography-mass spectrometry for the characterization of impurities and/or degradants present in trimethoprim tablets 970(2002)141

# Comprehensive two-dimensional gas chromatography

Characterisation of lavender essential oils by using gas chromatography-mass spectrometry with correlation of linear retention indices and comparison with comprehensive twodimensional gas chromatography 970(2002)225

#### Contour chromatogram algorithm

Comparison between liquid chromatography-UV detection and liquid chromatography-mass spectrometry for the characterization of impurities and/or degradants present in trimethoprim tablets 970(2002)141

# Cytochrome P450

Verapamil: new insight into the molecular mechanism of drug oxidation in the human heart 970(2002)117

# Disulfide bonds

Towards the understanding of molecular mechanisms in the early stages of heat-induced aggregation of β-lactoglobulin AB 970(2002)275

# Diuron

Determination of diuron and the antifouling paint biocide Irgarol 1051 in Dutch marinas and coastal waters 970(2002)183

Recent advances in the application of mass spectrometry in food-related analysis (Review) 970(2002)3

0021-9673/02/\$ - see front matter © 2002 Elsevier Science B.V. All right reserved PII: S0021-9673(02)01140-8

# Drug oxidation

Verapamil: new insight into the molecular mechanism of drug oxidation in the human heart 970(2002)117

#### **Essential oils**

Characterisation of lavender essential oils by using gas chromatography—mass spectrometry with correlation of linear retention indices and comparison with comprehensive two-dimensional gas chromatography 970(2002)225

# **Estrogens**

Analysis on residues of estrogens, gestagens and androgens in kidney fat and meat with gas chromatography-tandem mass spectrometry 970(2002)235

#### Flavonoids

Recent advances in the application of mass spectrometry in food-related analysis (Review) 970(2002)3

Analysis of commercial vegetable tanning agents by reversedphase liquid chromatography-electrospray ionization-tandem mass spectrometry and its application to wastewater 970(2002)191

# Food analysis

Recent advances in the application of mass spectrometry in food-related analysis (Review) 970(2002)3

Comparison of microextraction procedures to determine pesticides in oranges by liquid chromatography-mass spectrometry 970(2002)201

# Fractionation

Developing strategies for isolation of minor impurities with mass spectrometry-directed fractionation 970(2002)131

# Genotoxicity detection

Surface and wastewater quality monitoring: combination of liquid chromatography with (geno)toxicity detection, diode array detection and tandem mass spectrometry for identification of pollutants 970(2002)167

# Gestagens

Analysis on residues of estrogens, gestagens and androgens in kidney fat and meat with gas chromatography-tandem mass spectrometry 970(2002)235

# Heart

Verapamil: new insight into the molecular mechanism of drug oxidation in the human heart 970(2002)117

# **Heat-treatment**

Towards the understanding of molecular mechanisms in the early stages of heat-induced aggregation of  $\beta$ -lactoglobulin AB 970(2002)275

# High-resolution time-of-flight mass spectrometer

Evaluation of a high-resolution time-of-flight mass spectrometer for the gas chromatographic determination of selected environmental contaminants 970(2002)213

#### Idoxifene

Atmospheric pressure photoionization liquid chromatographic—mass spectrometric determination of idoxifene and its metabolites in human plasma 970(2002)155

# **Ionization methods**

Atmospheric pressure photoionization liquid chromatographic—mass spectrometric determination of idoxifene and its metabolites in human plasma 970(2002)155

# Irgarol 1051

Determination of diuron and the antifouling paint biocide Irgarol 1051 in Dutch marinas and coastal waters 970(2002)183

# Iridoid glycosides

Analysis of eleven iridoid glycosides by micellar electrokinetic capillary chromatography (MECC) and screening of plant samples by partial filling (MECC)-electrospray ionisation mass spectrometry 970(2002)287

# Kidney fat

Analysis on residues of estrogens, gestagens and androgens in kidney fat and meat with gas chromatography-tandem mass spectrometry 970(2002)235

#### Lavender

Characterisation of lavender essential oils by using gas chromatography—mass spectrometry with correlation of linear retention indices and comparison with comprehensive two-dimensional gas chromatography 970(2002)225

# **β-Lactoglobulin**

Towards the understanding of molecular mechanisms in the early stages of heat-induced aggregation of  $\beta\text{-lactoglobulin}$  AB 970(2002)275

# Lanolin steryl esters

Complete characterisation of lanolin steryl esters by sub-ambient pressure gas chromatography—mass spectrometry in the electron impact and chemical ionisation modes 970(2002)249

# Linear retention indices

Characterisation of lavender essential oils by using gas chromatography-mass spectrometry with correlation of linear retention indices and comparison with comprehensive two-dimensional gas chromatography 970(2002)225

# Lipids

Recent advances in the application of mass spectrometry in food-related analysis (Review) 970(2002)3

#### Mass spectrometer

Evaluation of a high-resolution time-of-flight mass spectrometer for the gas chromatographic determination of selected environmental contaminants 970(2002)213

# Mass spectrometry

Mass Spectrometry: Innovation and Application (Foreword) 970(2002)1

Recent advances in the application of mass spectrometry in food-related analysis (Review) 970(2002)3

Characterisation of botulinum toxins type A and B, by matrixassisted laser desorption ionisation and electrospray mass spectrometry 970(2002)95

Developing strategies for isolation of minor impurities with mass spectrometry-directec fractionation 970(2002)131

Comparison between liquid chromatography–UV detection and liquid chromatography–mass spectrometry for the characterization of impurities and/or degradants present in trimethoprim tablets 970(2002)141

Surface and wastewater quality monitoring: combination of liquid chromatography with (geno)toxicity detection, diode array detection and tandem mass spectrometry for identification of pollutants 970(2002)167

Complete characterisation of lanolin steryl esters by sub-ambient pressure gas chromatography—mass spectrometry in the electron impact and chemical ionisation modes 970(2002)249

# Matrix solid-phase dispersion

Comparison of microextraction procedures to determine pesticides in oranges by liquid chromatography-mass spectrometry 970(2002)201

#### Melamine resins

Surface and wastewater quality monitoring: combination of liquid chromatography with (geno)toxicity detection, diode array detection and tandem mass spectrometry for identification of pollutants 970(2002)167

# Odour concentration

Gas chromatography-mass spectrometry as a tool for estimating odour concentrations of biofilter effluents at aerobic composting and rendering plants 970(2002)259

#### Olfactometry

Gas chromatography-mass spectrometry as a tool for estimating odour concentrations of biofilter effluents at aerobic composting and rendering plants 970(2002)259

# Peptide mapping

Characterisation of botulinum toxins type A and B, by matrix-assisted laser desorption ionisation and electrospray mass spectrometry 970(2002)95

# Pesticides

Recent advances in the application of mass spectrometry in food-related analysis (Review) 970(2002)3

Trace-level determination of pesticides in water by means of liquid and gas chromatography (Review) 970(2002)65

Comparison of microextraction procedures to determine pesticides in oranges by liquid chromatography-mass spectrometry 970(2002)201

Evaluation of a high-resolution time-of-flight mass spectrometer for the gas chromatographic determination of selected environmental contaminants 970(2002)213

# Phenolic compounds

Recent advances in the application of mass spectrometry in food-related analysis (Review) 970(2002)3

# **Pollutants**

Surface and wastewater quality monitoring: combination of liquid chromatography with (geno)toxicity detection, diode array detection and tandem mass spectrometry for identification of pollutants 970(2002)167

# Polychlorinated biphenyls

Evaluation of a high-resolution time-of-flight mass spectrometer for the gas chromatographic determination of selected environmental contaminants 970(2002)213

# Polynuclear aromatic hydrocarbons

Evaluation of a high-resolution time-of-flight mass spectrometer for the gas chromatographic determination of selected environmental contaminants 970(2002)213

# **Polyphenols**

Analysis of commercial vegetable tanning agents by reversedphase liquid chromatography-electrospray ionization-tandem mass spectrometry and its application to wastewater 970(2002)191

# **Proteins**

Recent advances in the application of mass spectrometry in food-related analysis (Review) 970(2002)3

#### **Purification stategy**

Developing strategies for isolation of minor impurities with mass spectrometry-directed fractionation 970(2002)131

# Rendering plants

Gas chromatography-mass spectrometry as a tool for estimating odour concentrations of biofilter effluents at aerobic composting and rendering plants 970(2002)259

#### Review

Recent advances in the application of mass spectrometry in food-related analysis (Review) 970(2002)3

# SB245419

Atmospheric pressure photoionization liquid chromatographic—mass spectrometric determination of idoxifene and its metabolites in human plasma 970(2002)155

#### Steroids

Analysis on residues of estrogens, gestagens and androgens in kidney fat and meat with gas chromatography-tandem mass spectrometry 970(2002)235

# Stir bar sorptive extraction

Comparison of microextraction procedures to determine pesticides in oranges by liquid chromatography-mass spectrometry 970(2002)201

# Sub-ambient pressure gas chromatography-mass spectrometry

Complete characterisation of lanolin steryl esters by sub-ambient pressure gas chromatography—mass spectrometry in the electron impact and chemical ionisation modes 970(2002)249

#### **Tannins**

Analysis of commercial vegetable tanning agents by reversedphase liquid chromatography-electrospray ionization-tandem mass spectrometry and its application to wastewater 970(2002)191

#### **Toxins**

Recent advances in the application of mass spectrometry in food-related analysis (Review) 970(2002)3

Characterisation of botulinum toxins type A and B, by matrixassisted laser desorption ionisation and electrospray mass spectrometry 970(2002)95

# **Trimethoprim**

Comparison between liquid chromatography–UV detection and liquid chromatography–mass spectrometry for the characterization of impurities and/or degradants present in trimethoprim tablets 970(2002)141

# **UV** detection

Comparison between liquid chromatography–UV detection and liquid chromatography–mass spectrometry for the characterization of impurities and/or degradants present in trimethoprim tablets 970(2002)141

#### Vegetable tannins

Analysis of commercial vegetable tanning agents by reversedphase liquid chromatography-electrospray ionization-tandem mass spectrometry and its application to wastewater 970(2002)191

# Verapamil

Verapamil: new insight into the molecular mechanism of drug oxidation in the human heart 970(2002)117

#### Vitamins

Recent advances in the application of mass spectrometry in food-related analysis (Review) 970(2002)3

# Volatile organic compounds

Gas chromatography—mass spectrometry as a tool for estimating odour concentrations of biofilter effluents at aerobic composting and rendering plants 970(2002)259

# Water analysis

Trace-level determination of pesticides in water by means of liquid and gas chromatography (Review) 970(2002)65

Surface and wastewater quality monitoring: combination of liquid chromatography with (geno)toxicity detection, diode array detection and tandem mass spectrometry for identification of pollutants 970(2002)167

Determination of diuron and the antifouling paint biocide Irgarol 1051 in Dutch marinas and coastal waters 970(2002)183

Analysis of commercial vegetable tanning agents by reversedphase liquid chromatography-electrospray ionization-tandem mass spectrometry and its application to wastewater 970(2002)191

#### Wattle

Analysis of commercial vegetable tanning agents by reversedphase liquid chromatography-electrospray ionization-tandem mass spectrometry and its application to wastewater 970(2002)191