

Available online at www.sciencedirect.com



Journal of Chromatography B, 799 (2004) 365-367

# JOURNAL OF CHROMATOGRAPHY B

www.elsevier.com/locate/chromb

# Compound Index Vol. 799

#### Adamantanamine

Liquid chromatographic determination of 1-adamantanamine and 2-adamantanamine in human plasma after pre-column derivatization with o-phthalaldehyde and 1-thio- $\beta$ -D-glucose 799(2004)349

#### Albendazole sulphoxide

Albendazole sulphoxide concentrations in plasma of endemic normals from a lymphatic filariasis endemic region using liquid chromatography 799(2004)233

# Alcohol dehydrogenase

Purification of alcohol dehydrogenase from bovine liver crude extract by dye–ligand affinity counter-current chromatography 799(2004)239

#### Amino acids

Effect of different matrices on physiological amino acids analysis by liquid chromatography: evaluation and correction of the matrix effect 799(2004)73

# Amitriptyline

Validation of non-aqueous capillary electrophoresis for simultaneous determination of four tricyclic antidepressants in pharmaceutical formulations and plasma samples 799(2004)127

#### Amodiaquine

Selective and sensitive liquid chromatographic assay of amodiaquine and desethylamodiaquine in whole blood spotted on filter paper 799(2004)173

#### **Basic drugs**

Dynamic coating for fast and reproducible determination of basic drugs by capillary electrophoresis with diode-array detection and mass spectrometry 799(2004)323

#### Benzene

Rapid and sensitive static headspace gas chromatography-mass spectrometry method for the analysis of ethanol and abused inhalants in blood 799(2004)331

# Camptothecin

Liquid chromatographic assays for DE-310, a novel camptothecin analog, and two major enzymatic products in human matrices 799(2004)15

#### Cimetidine

Validation of a simplified method for determination of cimetidine in human plasma and urine by liquid chromatography with ultraviolet detection 799(2004)337

# COL-3

Reversed-phase liquid chromatography method to determine COL-3, a matrix metalloproteinase inhibitor, in biological samples 799(2004)311

# DE-310

Liquid chromatographic assays for DE-310, a novel camptothecin analog, and two major enzymatic products in human matrices 799(2004)15

# Deoxyguanosine

Simultaneous determination of tyrosine, phenylalanine and deoxyguanosine oxidation products by liquid chromatography–tandem mass spectrometry as non-invasive biomarkers for oxidative damage 799(2004)245

#### Desethylamodiaquine

Selective and sensitive liquid chromatographic assay of amodiaquine and desethylamodiaquine in whole blood spotted on filter paper 799(2004)173

#### Desipramine

Validation of non-aqueous capillary electrophoresis for simultaneous determination of four tricyclic antidepressants in pharmaceutical formulations and plasma samples 799(2004)127

#### N-Desmethyl-STI

Liquid chromatographic method for detection and quantitation of STI-571 and its main metabolite *N*-desmethyl-STI in plasma, urine, cerebrospinal fluid, culture medium and cell preparations 799(2004)23

#### Dichloromethane

Rapid and sensitive static headspace gas chromatography-mass spectrometry method for the analysis of ethanol and abused inhalants in blood 799(2004)331

#### Didanosine

Liquid chromatographic-tandem mass spectrometric assay for the simultaneous determination of didanosine and stavudine in human plasma, bronchoalveolar lavage fluid, alveolar cells, peripheral blood mononuclear cells, seminal plasma, cerebrospinal fluid and tonsil tissue 799(2004)51

#### **Disodium clodronate**

Determination of disodium clodronate in human plasma and urine using gas-chromatography-nitrogen-phosphorous detections: validation and application in pharmacokinetic study 799(2004)133

#### Eicosanoid

Quantification of F-ring isoprostane-like compounds ( $F_4$ -neuroprostanes) derived from docosahexaenoic acid in vivo in humans by a stable isotope dilution mass spectrometric assay 799(2004)95

#### Ertapenem

Column-switching technique for the sensitive determination of ertapenem in human cerebrospinal fluid using liquid chromatography and ultraviolet absorbance detection 799(2004)9

# Ethanol

Rapid and sensitive static headspace gas chromatography-mass spectrometry method for the analysis of ethanol and abused inhalants in blood 799(2004)331

## Ethyl acetate

# Rapid and sensitive static headspace gas chromatography-mass spectrometry method for the analysis of ethanol and abused inhalants in blood 799(2004)331

#### Fludarabine phosphate

Simple and sensitive method for quantification of fludarabine triphosphate intracellular concentration in leukemic cells using isocratic liquid chromatography 799(2004)81

# Gabapentin

Determination of gabapentin in human plasma by capillary electrophoresis with laser-induced fluorescence detection and acetonitrile stacking technique 799(2004)265

## Genistein

Determination of new derivatives of genistein in culture media by liquid chromatography 799(2004)217

#### Glimepiride

Determination of glimepiride in human plasma by liquid chromatographyelectrospray ionization tandem mass spectrometry 799(2004)103

#### Glucuronide

Quantification of free mycophenolic acid and its glucuronide metabolite in human plasma by liquid-chromatography using mass spectrometric and ultraviolet absorbance detection 799(2004)157

#### Imipramine

Validation of non-aqueous capillary electrophoresis for simultaneous determination of four tricyclic antidepressants in pharmaceutical formulations and plasma samples 799(2004)127

#### Isoprostane

Quantification of F-ring isoprostane-like compounds ( $F_4$ -neuroprostanes) derived from docosahexaenoic acid in vivo in humans by a stable isotope dilution mass spectrometric assay 799(2004)95

# Ketamine

Gas chromatography-isotope dilution mass spectrometry preceded by liquid–liquid extraction and chemical derivatization for the determination of ketamine and norketamine in urine 799(2004)37

## Levofloxacin

Determination of levofloxacin in plasma, bronchoalveolar lavage and bone tissues by high-performance liquid chromatography with ultraviolet detection using a fully automated extraction method 799(2004)165

# Lipid

Quantification of F-ring isoprostane-like compounds ( $F_4$ -neuroprostanes) derived from docosahexaenoic acid in vivo in humans by a stable isotope dilution mass spectrometric assay 799(2004)95

#### Manganese peroxidase isoenzymes

Separation of manganese peroxidase isoenzymes on strong anion-exchange monolithic column using pH-salt gradient 799(2004)343

#### Mannich ketones

Determination of the basicity of Mannich ketones by capillary electrophoresis 799(2004)179

# Menthol

Determination of menthol in plasma and urine of rats and humans by headspace solid phase microextraction and gas chromatography-mass spectrometry 799(2004)111

#### Metalloproteinase inhibitor

Reversed-phase liquid chromatography method to determine COL-3, a matrix metalloproteinase inhibitor, in biological samples 799(2004)311

# Mitoxantrone

Improved liquid chromatographic method for mitoxantrone quantification in mouse plasma and tissues to study the pharmacokinetics of a liposome entrapped mitoxantrone formulation 799(2004)149

# Mycophenolic acid

Quantification of free mycophenolic acid and its glucuronide metabolite in human plasma by liquid-chromatography using mass spectrometric and ultraviolet absorbance detection 799(2004)157

Liquid chromatographic method for simultaneous determination of mycophenolic acid and its phenol- and acylglucuronide metabolites in plasma 799(2004)355

#### Neuroprostane

Quantification of F-ring isoprostane-like compounds (F<sub>4</sub>-neuroprostanes) derived from docosahexaenoic acid in vivo in humans by a stable isotope dilution mass spectrometric assay 799(2004)95

#### 9-Nitrocamptothecin

Development of a bioanalytical liquid chromatography method for quantitation of 9-nitrocamptothecin in human plasma 799(2004)63

# 4-Nonylphenol

Stir bar sorptive extraction and thermal desorption–gas chromatography– mass spectrometry for the measurement of 4-nonylphenol and 4-*tert*octylphenol in human biological samples 799(2004)119

# Norketamine

Gas chromatography-isotope dilution mass spectrometry preceded by liquid–liquid extraction and chemical derivatization for the determination of ketamine and norketamine in urine 799(2004)37

# Nortriptyline

Validation of non-aqueous capillary electrophoresis for simultaneous determination of four tricyclic antidepressants in pharmaceutical formulations and plasma samples 799(2004)127

# 4-tert-Octylphenol

Stir bar sorptive extraction and thermal desorption–gas chromatography– mass spectrometry for the measurement of 4-nonylphenol and 4-*tert*octylphenol in human biological samples 799(2004)119

#### **Orotic acid**

Analytical derivatization-a tool for determination of orotic acid 799(2004)303

#### **P-glycoprotein**

Development and characterization of an open tubular column containing immobilized P-glycoprotein for rapid on-line screening for P-glycoprotein substrates 799(2004)255

#### pH gradient

Separation of manganese peroxidase isoenzymes on strong anion-exchange monolithic column using pH-salt gradient 799(2004)343

#### Phenylalanine

Simultaneous determination of tyrosine, phenylalanine and deoxyguanosine oxidation products by liquid chromatography–tandem mass spectrometry as non-invasive biomarkers for oxidative damage 799(2004)245

#### Polyethyleneglycol-dextran

Relationship between the protein surface hydrophobicity and its partitioning behaviour in aqueous two-phase systems of polyethyleneglycol–dextran 799(2004)293

#### Procarbazine

Determination of procarbazine in human plasma by liquid chromatography with electrospray ionization mass spectrometry 799(2004)281

#### 366

# Propiverine

# Validation of a simple liquid chromatography–tandem mass spectrometric method for the determination of propiverine hydrochloride and its *N*-oxide metabolite in human plasma 799(2004)141

#### Propiverine N-oxide

Validation of a simple liquid chromatography–tandem mass spectrometric method for the determination of propiverine hydrochloride and its *N*-oxide metabolite in human plasma 799(2004)141

# Protein-tyrosine phosphatases

Affinity purification of recombinant protein-tyrosine phosphatase 1B using a highly selective inhibitor 799(2004)1

# Sanguinarine

Quantitative liquid chromatographic determination of sanguinarine in cell culture medium and in rat urine and plasma 799(2004)195

# SCH 211803

Validation and application of a liquid chromatography-tandem mass spectrometric method for the determination of SCH 211803 in rat and monkey plasma using automated 96-well protein precipitation 799(2004)271

# Stavudine

Liquid chromatographic-tandem mass spectrometric assay for the simultaneous determination of didanosine and stavudine in human plasma, bronchoalveolar lavage fluid, alveolar cells, peripheral blood mononuclear cells, seminal plasma, cerebrospinal fluid and tonsil tissue 799(2004)51

# STI-571

Liquid chromatographic method for detection and quantitation of STI-571 and its main metabolite *N*-desmethyl-STI in plasma, urine, cerebrospinal fluid, culture medium and cell preparations 799(2004)23

#### Toluene

Rapid and sensitive static headspace gas chromatography-mass spectrometry method for the analysis of ethanol and abused inhalants in blood 799(2004)331

# Trivalent methylated arsenicals

Determination of trivalent methylated arsenicals in rat urine by liquid chromatography–inductively coupled plasma mass spectrometry after solvent extraction 799(2004)209

#### Tyrosine

Simultaneous determination of tyrosine, phenylalanine and deoxyguanosine oxidation products by liquid chromatography–tandem mass spectrometry as non-invasive biomarkers for oxidative damage 799(2004)245

#### Vitellogenin

One-step, non-denaturing purification method of carp (*Cyprinus carpio*) vitellogenin 799(2004)87

# Xylene

Rapid and sensitive static headspace gas chromatography-mass spectrometry method for the analysis of ethanol and abused inhalants in blood 799(2004)331

#### Ziprasidone

Determination of plasma ziprasidone using liquid chromatography with fluorescence detection 799(2004)201