

Journal of Chromatography B, 741 (2000) 317-319

JOURNAL OF CHROMATOGRAPHY B

www.elsevier.com/locate/chromb

Compound Index Vol. 741

Acvl glucuronides

Gemfibrozil and its oxidative metabolites: quantification of aglycones, acyl glucuronides, and covalent adducts in samples from preclinical and clinical kinetic studies 741(2000)129

Aglycones

Gemfibrozil and its oxidative metabolites: quantification of aglycones, acyl glucuronides, and covalent adducts in samples from preclinical and clinical kinetic studies 741(2000)129

Amino acids

Convenient method of threonine, methionine and their related amino compounds by high-performance liquid chromatography and its application to rumen fluid 741(2000)279

Amphetamine

Simultaneous determination of dimethylamphetamine and its metabolites in rat hair by gas chromatography-mass spectrometry 741(2000)163

Determination of enantiomeric amphetamines as metabolites of illicit amphetamines and selegiline in urine by capillary electrophoresis using modified β -cyclodextrin 741(2000)221

Atovaquone

Simultaneous separation of atovaquone, proguanil and its metabolites on a mixed mode high-performance liquid chromatographic column 741(2000)189

Azycyclonal

Analysis of hydroxylated and *N*-dealkylated metabolites of terfenadine in microsomal incubates by liquid chromatography—mass spectrometry 741(2000)145

Capillary electrophoresis

Determination of asymmetrical dimethylarginine by capillary electrophoresis-laser-induced fluorescence 741(2000)77

Measurement of chloramphenicol by capillary zone electrophoresis following end-column amperometric detection at a carbon fiber micro-disk array electrode 741(2000)155

Chloramphenicol

Measurement of chloramphenicol by capillary zone electrophoresis following end-column amperometric detection at a carbon fiber micro-disk array electrode 741(2000)155

Cytochrome P450 inhibitors

Amounts and variation in grapefruit juice of the main components causing grapefruit-drug interaction 741(2000)195

5,4'-Diaminoflavone

Identification of the principal circulating metabolite of a synthetic 5,4'-diaminoflavone (NSC 686288), an antitumor agent, in the rat 741(2000)205

2,2-Dichlorovinyl dimethylphosphate

Development, validation and application of assays to quantify metrifonate and 2,2-dichlorovinyl dimethylphosphate in human body fluids 741(2000)257

Dimethylamphetamine

Simultaneous determination of dimethylamphetamine and its metabolites in rat hair by gas chromatography-mass spectrometry 741(2000)163

Dimethylamphetamine N-oxide

Simultaneous determination of dimethylamphetamine and its metabolites in rat hair by gas chromatography-mass spectrometry 741(2000)163

Dimethylarginine

Determination of asymmetrical dimethylarginine by capillary electrophoresis-laser-induced fluorescence 741(2000)77

DNA

Analysis of gamma radiation-induced damage to plasmid DNA using dynamic size-sieving capillary electrophoresis 741(2000)243

Electrochemical detection

Measurement of chloramphenicol by capillary zone electrophoresis following end-column amperometric detection at a carbon fiber micro-disk array electrode 741(2000)155

Fatty acids

Routine analysis of short-chain fatty acids for anaerobic bacteria identification using capillary electrophoresis and indirect ultraviolet detection 741(2000)89

9-Fluorenvlmethyl chloroformate

Convenient method of threonine, methionine and their related amino compounds by high-performance liquid chromatography and its application to rumen fluid 741(2000)279

PII: S0378-4347(00)00243-7

Fluoresceine isothiocyanate

Determination of asymmetrical dimethylarginine by capillary electrophoresis-laser-induced fluorescence 741(2000)77

Fluprostenol

Use of short high-performance liquid chromatography columns and tandem-mass spectrometry for the rapid analysis of a prostaglandin analog, fluprostenol, in rat plasma 741(2000)213

5-Furoylquinoline-3-carboxaldehyde

Reaction rate, activation energy, and detection limit for the reaction of 5-furoylquinoline-3-carboxaldehyde with neurotransmitters in artificial cerebrospinal fluid 741(2000)85

GC-MS

Simultaneous determination of dimethylamphetamine and its metabolites in rat hair by gas chromatography-mass spectrometry 741(2000)163

Gemfibrozil

Gemfibrozil and its oxidative metabolites: quantification of aglycones, acyl glucuronides, and covalent adducts in samples from preclinical and clinical kinetic studies 741(2000)129

Glycinexylidide

High-performance liquid chromatography-tandem electrospray mass spectrometry for the determination of lidocaine and its metabolites in human plasma and urine 741(2000)175

Grepafloxacin

Determination of grepafloxacin in plasma and urine by a simple and rapid high-performance liquid chromatographic method 741(2000)295

Hair analysis

Simultaneous determination of dimethylamphetamine and its metabolites in rat hair by gas chromatography–mass spectrometry 741(2000)163

Lactate dehydrogenase

Polymer displacement/shielding in protein chromatography 741(2000)103

Lamotrigine

Validated high-performance liquid chromatographic method for the determination of lamotrigine in human plasma 741(2000)289

Lidocaine

High-performance liquid chromatography-tandem electrospray mass spectrometry for the determination of lidocaine and its metabolites in human plasma and urine 741(2000)175

Malarone

Simultaneous separation of atovaquone, proguanil and its metabolites on a mixed mode high-performance liquid chromatographic column 741(2000)189

Methamphetamine

Simultaneous determination of dimethylamphetamine and its metabolites in rat hair by gas chromatography–mass spectrometry 741(2000)163

Determination of enantiomeric amphetamines as metabolites of illicit amphetamines and selegiline in urine by capillary electrophoresis using modified β -cyclodextrin 741(2000)221

Methionine

Convenient method of threonine, methionine and their related amino compounds by high-performance liquid chromatography and its application to rumen fluid 741(2000)279

Methylmalonic acid

Optimization and performance of a rapid gas chromatographymass spectrometry analysis for methylmalonic acid determination in serum and plasma 741(2000)231

17α-Methyltestosterone

Stable isotope dilution analysis of human urinary metabolites of 17α -methyltestosterone 741(2000)271

Metrifonate

Development, validation and application of assays to quantify metrifonate and 2,2-dichlorovinyl dimethylphosphate in human body fluids 741(2000)257

Monoethylglycinexylidide

High-performance liquid chromatography-tandem electrospray mass spectrometry for the determination of lidocaine and its metabolites in human plasma and urine 741(2000)175

NSC 686288

Identification of the principal circulating metabolite of a synthetic 5,4'-diaminoflavone (NSC 686288), an antitumor agent, in the rat 741(2000)205

Nucleic acids

Monitoring hybridization during polymerase chain reaction 741(2000)3

Peptides

Capillary electrophoretic separation of proteins and peptides using Pluronic liquid crystals and surface-modified capillaries 741(2000)37

External electric field control of electroosmotic flow in non-coated and coated fused-silica capillaries and its application for capillary electrophoretic separations of peptides 741(2000)43

Pharmaceuticals

Chromatographic assay of pharmaceutical compounds under column overloading 741(2000)55

Phytic acid

Phytic acid as an efficient low-molecular-mass displacer for anion-exchange displacement chromatography of proteins 741(2000)23

Polymers

Polymer displacement/shielding in protein chromatography 741(2000)103

Proguanil

Simultaneous separation of atovaquone, proguanil and its metabolites on a mixed mode high-performance liquid chromatographic column 741(2000)189

Prostaglandin

Use of short high-performance liquid chromatography columns and tandem-mass spectrometry for the rapid analysis of a prostaglandin analog, fluprostenol, in rat plasma 741(2000)213

Proteins

Phytic acid as an efficient low-molecular-mass displacer for anion-exchange displacement chromatography of proteins 741(2000)23

Capillary electrophoretic separation of proteins and peptides using Pluronic liquid crystals and surface-modified capillaries 741(2000)37

Polymer displacement/shielding in protein chromatography 741(2000)103

Selegiline

Determination of enantiomeric amphetamines as metabolites of illicit amphetamines and selegiline in urine by capillary electrophoresis using modified β -cyclodextrin 741(2000)221

Short-chain

Routine analysis of short-chain fatty acids for anaerobic bacteria identification using capillary electrophoresis and indirect ultraviolet detection 741(2000)89

Steroids

Stable isotope dilution analysis of human urinary metabolites of 17α -methyltestosterone 741(2000)271

Styrene

Purge-and-trap gas chromatographic determination of styrene in urine and blood. Application to exposed workers 741(2000)301

Terbutaline

Simple method for determination of terbutaline plasma concentration by high-performance liquid chromatography 741(2000)307

Terfenadine

Analysis of hydroxylated and *N*-dealkylated metabolites of terfenadine in microsomal incubates by liquid chromatography—mass spectrometry 741(2000)145

Terfenadine alcohol

Analysis of hydroxylated and *N*-dealkylated metabolites of terfenadine in microsomal incubates by liquid chromatography—mass spectrometry 741(2000)145

Threonine

Convenient method of threonine, methionine and their related amino compounds by high-performance liquid chromatography and its application to rumen fluid 741(2000)279

Vitamins

Capillary electrophoretic separation of vitamins in sodium dodecyl sulfate containing buffers with lower aliphatic alcohols and *n*-hexane as organic modifiers 741(2000)67

2,6-Xylidine

High-performance liquid chromatography-tandem electrospray mass spectrometry for the determination of lidocaine and its metabolites in human plasma and urine 741(2000)175