



ELSEVIER

Journal of Chromatography B, 780 (2002) 493–497

JOURNAL OF
CHROMATOGRAPHY B

www.elsevier.com/locate/chromb

Compound Index Vol. 780

Acetaminophen

Rapid and quantitative determination of metabolites from multiple cytochrome P450 probe substrates by gradient liquid chromatography–electrospray ionization-ion trap mass spectrometry 780(2002)371

Acyclovir

Liquid chromatographic method for the determination of ganciclovir and/or acyclovir in human plasma using pulsed amperometric detection 780(2002)289

β -Agonists

Diagnostic evidence for the presence of β -agonists using two consecutive derivatization procedures and gas chromatography–mass spectrometric analysis 780(2002)61

Alanine:glyoxylate aminotransferase

Capillary electrophoresis assay of alanine:glyoxylate aminotransferase activity in rat liver 780(2002)13

4-Aminophenol

Rapid and quantitative determination of metabolites from multiple cytochrome P450 probe substrates by gradient liquid chromatography–electrospray ionization-ion trap mass spectrometry 780(2002)371

Amphetamine-like drugs

Simultaneous detection of amphetamine-like drugs with headspace solid-phase microextraction and gas chromatography–mass spectrometry 780(2002)183

Androstenedione

Evaluation of human hepatocyte incubation as a new tool for metabolism study of androstenedione and norandrostenedione in a doping control perspective 780(2002)145

Antibiotics

Multiresidue analysis of fluoroquinolone antibiotics in chicken tissue using liquid chromatography–fluorescence-multiple mass spectrometry 780(2002)83

α -1-antitrypsin

Isolation of alpha-1-antitrypsin from human plasma by partitioning in aqueous biphasic systems of polyethyleneglycol–phosphate 780(2002)389

Benzodiazepines

Direct injection micellar liquid chromatographic determination of benzodiazepines in serum 780(2002)241

Bisphenol A

Measurement of bisphenol A in human urine using liquid chromatography with multi-channel coulometric electrochemical detection 780(2002)365

Carboxamide parallel library

Evaluation of lipophilicity and antitumour activity of parallel carboxamide libraries 780(2002)355

Ceramides

Quantitation of yeast ceramides using high-performance liquid chromatography–evaporative light-scattering detection 780(2002)161

Improved procedure for the separation of major stratum corneum lipids by means of automated multiple development thin-layer chromatography 780(2002)443

Chloral hydrate

Determination of chloral hydrate and its metabolites in blood plasma by capillary gas chromatography with electron capture detection 780(2002)217

Cholesterol

Improved procedure for the separation of major stratum corneum lipids by means of automated multiple development thin-layer chromatography 780(2002)443

1,8-Cineole

Application of solid-phase microextraction to the quantitative analysis of 1,8-cineole in blood and expired air in a *Eucalyptus* herbivore, the brushtail possum (*Trichosurus vulpecula*) 780(2002)397

Ciprofloxacin

Liquid chromatography analysis of enrofloxacin and ciprofloxacin in chicken blood spotted on filter-paper disks 780(2002)309

Cyclic prodrugs

Quantitative analysis of a model opioid peptide and its cyclic prodrugs in rat plasma using high-performance liquid chromatography with fluorescence and tandem mass spectrometric detection 780(2002)269

Cytochrome P450

Monolithic silica rod liquid chromatography with ultraviolet or fluorescence detection for metabolite analysis of cytochrome P450 marker reactions 780(2002)205

DADLE

Quantitative analysis of a model opioid peptide and its cyclic prodrugs in rat plasma using high-performance liquid chromatography–electrospray ionization-ion trap mass spectrometric detection 780(2002)269

Dextrophan

Rapid and quantitative determination of metabolites from multiple cytochrome P450 probe substrates by gradient liquid chromatography–electrospray ionization-ion trap mass spectrometry 780(2002)371

***N,N*-Diethyl-*m*-toluamide**

Analysis of *N,N*-diethyl-*m*-toluamide in porcine skin perfusates using solid-phase extraction disks and reversed-phase high-performance liquid chromatography 780(2002)45

Divalent cations

Membrane-bound heparin binding proteins from HL-60 cells purified in a two-step affinity chromatography differentially eluted with divalent cations 780(2002)1

Doxorubicin

Determination of a peptide–doxorubicin, prostate-specific antigen activated prodrug, and its active metabolites in human plasma using high-performance liquid chromatography with fluorescence detection. Stabilization of the peptide prodrug with EDTA 780(2002)171

Enrofloxacin

Liquid chromatography analysis of enrofloxacin and ciprofloxacin in chicken blood spotted on filter-paper disks 780(2002)309

Enzymes

Capillary electrophoresis assay of alanine:glyoxylate aminotransferase activity in rat liver 780(2002)13

Affinity partitioning of glucose-6-phosphate dehydrogenase and hexokinase in aqueous two-phase systems with free triazine dye ligands 780(2002)53

Fatty acids

Improved procedure for the separation of major stratum corneum lipids by means of automated multiple development thin-layer chromatography 780(2002)443

FCWAY analogues

Liquid chromatography–tandem mass spectrometry identification of metabolites of three phenylcarboxyl derivatives of the 5-HT_{1A} antagonist, *N*-(2-(4-(2-methoxyphenyl)-1-piperazinyl)ethyl)-*N*-(2-pyridyl) *trans*-4-fluorocyclohexanecarboxamide (FCWAY), produced by human and rat hepatocytes 780(2002)99

Florfenicol

Liquid chromatographic determination of florfenicol in the plasma of multiple species of fish 780(2002)111

Flumequine

High-performance liquid chromatographic method with fluorescence detection for the screening and quantification of oxolinic acid, flumequine and sarafloxacin in fish 780(2002)481

Fluoroquinolone

Multiresidue analysis of fluoroquinolone antibiotics in chicken tissue using liquid chromatography–fluorescence–multiple mass spectrometry 780(2002)83

Fumonisin

Liquid chromatography/electrospray ionisation-mass spectrometry method for the quantification of sphingosine and sphinganine in cell cultures exposed to fumonisins 780(2002)137

3-(2-furoyl)quinoline-2-carboxaldehyde

Heterogeneity of protein labeling with a fluorogenic reagent, 3-(2-furoyl)quinoline-2-carboxaldehyde 780(2002)283

Ganciclovir

Liquid chromatographic method for the determination of ganciclovir and/or acyclovir in human plasma using pulsed amperometric detection 780(2002)289

Gemcitabine triphosphate

Isocratic ion-exchange chromatographic assay for the nucleotide gemcitabine triphosphate in human white blood cells 780(2002)423

Glucose-6-phosphate dehydrogenase

Affinity partitioning of glucose-6-phosphate dehydrogenase and hexokinase in aqueous two-phase systems with free triazine dye ligands 780(2002)53

Heparin binding proteins

Membrane-bound heparin binding proteins from HL-60 cells purified in a two-step affinity chromatography differentially eluted with divalent cations 780(2002)1

Hexokinase

Affinity partitioning of glucose-6-phosphate dehydrogenase and hexokinase in aqueous two-phase systems with free triazine dye ligands 780(2002)53

Histamine

Determination of histamine in the whole blood of colon cancer patients 780(2002)331

5-HT antagonists

Liquid chromatography–tandem mass spectrometry identification of metabolites of three phenylcarboxyl derivatives of the 5-HT_{1A} antagonist, *N*-(2-(4-(2-methoxyphenyl)-1-piperazinyl)ethyl)-*N*-(2-pyridyl) *trans*-4-fluorocyclohexanecarboxamide (FCWAY), produced by human and rat hepatocytes 780(2002)99

Human serum albumin

Triazine–human serum albumin association: thermodynamic approach and sodium effect 780(2002)467

Hydroxyestrones

Stable isotope dilution high-performance liquid chromatography–electrospray ionization mass spectrometry method for endogenous 2- and 4-hydroxyestrones in human urine 780(2002)315

3-Hydroxyglutaric acid

Quantification of 3-hydroxyglutaric acid in urine, plasma, cerebrospinal fluid and amniotic fluid by stable-isotope dilution negative chemical ionization gas chromatography–mass spectrometry 780(2002)199

4'-Hydroxymephenytoin

Rapid and quantitative determination of metabolites from multiple cytochrome P450 probe substrates by gradient liquid chromatography–electrospray ionization-ion trap mass spectrometry 780(2002)371

Hydroxyomeprazole

Phenotype of CYP2C19 and CYP3A4 by determination of omeprazole and its two main metabolites in plasma using liquid chromatography with liquid–liquid extraction 780(2002)459

Hydroxyterpenes

Sensitive biomonitoring of monoterpene exposure by gas chromatographic–mass spectrometric measurement of hydroxy terpenes in urine 780(2002)225

6 β -Hydroxytestosterone

Rapid and quantitative determination of metabolites from multiple cytochrome P450 probe substrates by gradient liquid chromatography–electrospray ionization-ion trap mass spectrometry 780(2002)371

4-Hydroxytolbutamide

Rapid and quantitative determination of metabolites from multiple cytochrome P450 probe substrates by gradient liquid chromatography–electrospray ionization-ion trap mass spectrometry 780(2002)371

Hyperforin

Determination of hyperforin in human plasma using solid-phase extraction and high-performance liquid chromatography with ultraviolet detection 780(2002)129

Ibuprofen

Validation of a liquid chromatographic method for the determination of ibuprofen in human plasma 780(2002)341

IDN 5390

High-performance liquid chromatographic assay for the determination of the novel C-Seco-taxane derivative (IDN 5390) in mouse plasma 780(2002)93

Kynurenic acid

Quantitation of tryptophan, kynurenine and kynurenic acid in human plasma by capillary liquid chromatography–electrospray ionization tandem mass spectrometry 780(2002)381

Kynurenine

Quantitation of tryptophan, kynurenine and kynurenic acid in human plasma by capillary liquid chromatography–electrospray ionization tandem mass spectrometry 780(2002)381

Leucine–doxorubicin

Determination of a peptide–doxorubicin, prostate-specific antigen activated prodrug, and its active metabolites in human plasma using high-performance liquid chromatography with fluorescence detection. Stabilization of the peptide prodrug with EDTA 780(2002)171

Lipids

Improved procedure for the separation of major stratum corneum lipids by means of automated multiple development thin-layer chromatography 780(2002)443

Lipoproteins

Separation and selective detection of lipoprotein particles of patients with coronary artery disease by frit-inlet asymmetrical flow field-flow fractionation 780(2002)415

Low-density lipoproteins

Separation and selective detection of lipoprotein particles of patients with coronary artery disease by frit-inlet asymmetrical flow field-flow fractionation 780(2002)415

M8

Simple and rapid high-performance liquid chromatographic method for nelfinavir, M8 nelfinavir metabolite, ritonavir and saquinavir assay in plasma 780(2002)155

Mannan

Affinity chromatography of bull seminal proteins on mannan–Sepharose 780(2002)231

8-Methoxypsoralen

Validation of a microdialysis–gas chromatographic–mass spectrometric method to assess 8-methoxypsoralen in psoriatic patient dermis 780(2002)119

Methylnaltrexone

Determination of methylnaltrexone in clinical samples by solid-phase extraction and high-performance liquid chromatography for a pharmacokinetics study 780(2002)251

Monoterpenes

Sensitive biomonitoring of monoterpene exposure by gas chromatographic–mass spectrometric measurement of hydroxy terpenes in urine 780(2002)225

Mycophenolic acid

Simple determination of mycophenolic acid in human serum by column-switching high-performance liquid chromatography 780(2002)21

Mycotoxins

Liquid chromatography/electrospray ionisation-mass spectrometry method for the quantification of sphingosine and sphinganine in cell cultures exposed to fumonisins 780(2002)137

Naltrexone

Determination of methylnaltrexone in clinical samples by solid-phase extraction and high-performance liquid chromatography for a pharmacokinetics study 780(2002)251

Nelfinavir

Simple and rapid high-performance liquid chromatographic method for nelfinavir, M8 nelfinavir metabolite, ritonavir and saquinavir assay in plasma 780(2002)155

Nitrate

Determination of nitrate and nitrite by high-performance liquid chromatography in human plasma 780(2002)193

Nitrite

Determination of nitrate and nitrite by high-performance liquid chromatography in human plasma 780(2002)193

Norandrostenedione

Evaluation of human hepatocyte incubation as a new tool for metabolism study of androstenedione and norandrostenedione in a doping control perspective 780(2002)145

Nucleosides

Artificial neural network classification based on high-performance liquid chromatography of urinary and serum nucleosides for the clinical diagnosis of cancer 780(2002)27

Nucleotide

Isocratic ion-exchange chromatographic assay for the nucleotide gemcitabine triphosphate in human white blood cells 780(2002)423

Omeprazole

Phenotype of CYP2C19 and CYP3A4 by determination of omeprazole and its two main metabolites in plasma using liquid chromatography with liquid–liquid extraction 780(2002)459

Omeprazole sulfone

Phenotype of CYP2C19 and CYP3A4 by determination of omeprazole and its two main metabolites in plasma using liquid chromatography with liquid–liquid extraction 780(2002)459

OPA

Determination of histamine in the whole blood of colon cancer patients 780(2002)331

Opioid peptides

Quantitative analysis of a model opioid peptide and its cyclic prodrugs in rat plasma using high-performance liquid chromatography with fluorescence and tandem mass spectrometric detection 780(2002)269

Organophosphorus pesticide residues

Determination of organophosphorus pesticide residues in human tissues by capillary gas chromatography–negative chemical ionization mass spectrometry analysis 780(2002)431

Oxolinic acid

High-performance liquid chromatographic method with fluorescence detection for the screening and quantification of oxolinic acid, flumequine and sarafloxacin in fish 780(2002)481

Paroxetine

High-performance liquid chromatography–mass spectrometry method for the determination of paroxetine in human plasma 780(2002)295

Peptide–doxorubicin

Determination of a peptide–doxorubicin, prostate-specific antigen activated prodrug, and its active metabolites in human plasma using high-performance liquid chromatography with fluorescence detection. Stabilization of the peptide prodrug with EDTA 780(2002)171

Peptides

High-performance liquid chromatographic separation of renin–angiotensin system peptides and most of their metabolic fragments 780(2002)301

Phenylalanine

Gas chromatography–mass spectrometry method for determination of phenylalanine and tyrosine in neonatal blood spots 780(2002)407

Phthalate esters

Simultaneous determination of phthalate di- and monoesters in poly(vinylchloride) products and human saliva by gas chromatography–mass spectrometry 780(2002)35

Proteins

Affinity chromatography of bull seminal proteins on mannan–Sepharose 780(2002)231

Heterogeneity of protein labeling with a fluorogenic reagent, 3-(2-furoyl)quinoline-2-carboxaldehyde 780(2002)283

Renin–angiotensin

High-performance liquid chromatographic separation of renin–angiotensin system peptides and most of their metabolic fragments 780(2002)301

Resiniferatoxin

Measurement of resiniferatoxin in cerebrospinal fluid by high-performance liquid chromatography 780(2002)475

Retinol

Development and validation of a fast and sensitive chromatographic assay for all-*trans*-retinol and tocopherols in human serum and plasma using liquid–liquid extraction 780(2002)261

Ritonavir

Simple and rapid high-performance liquid chromatographic method for nelfinavir, M8 nelfinavir metabolite, ritonavir and saquinavir assay in plasma 780(2002)155

Saquinavir

Simple and rapid high-performance liquid chromatographic method for nelfinavir, M8 nelfinavir metabolite, ritonavir and saquinavir assay in plasma 780(2002)155

Sarafloxacin

High-performance liquid chromatographic method with fluorescence detection for the screening and quantification of oxolinic acid, flumequine and sarafloxacin in fish 780(2002)481

C-Seco-taxane derivatives

High-performance liquid chromatographic assay for the determination of the novel C-Seco-taxane derivative (IDN 5390) in mouse plasma 780(2002)93

Sphinganine

Liquid chromatography/electrospray ionisation-mass spectrometry method for the quantification of sphingosine and sphinganine in cell cultures exposed to fumonisins 780(2002)137

Sphingosine

Liquid chromatography/electrospray ionisation-mass spectrometry method for the quantification of sphingosine and sphinganine in cell cultures exposed to fumonisins 780(2002)137

Steroids

Evaluation of human hepatocyte incubation as a new tool for metabolism study of androstenedione and norandrostenedione in a doping control perspective 780(2002)145

St. John's wort

Determination of hyperforin in human plasma using solid-phase extraction and high-performance liquid chromatography with ultraviolet detection 780(2002)129

Tobramycin

Trace analysis of tobramycin in human plasma by derivatization and high-performance liquid chromatography with ultraviolet detection 780(2002)349

Tocopherols

Development and validation of a fast and sensitive chromatographic assay for all-*trans*-retinol and tocopherols in human serum and plasma using liquid–liquid extraction 780(2002)261

***p*-Toluenesulfonylhydrazide**

Stable isotope dilution high-performance liquid chromatography–electrospray ionization mass spectrometry method for endogenous 2- and 4-hydroxyestrones in human urine 780(2002)315

Triazine

Triazine–human serum albumin association: thermodynamic approach and sodium effect 780(2002)467

Triazine dyes

Affinity partitioning of glucose-6-phosphate dehydrogenase and hexokinase in aqueous two-phase systems with free triazine dye ligands 780(2002)53

Tryptophan

Quantitation of tryptophan, kynurenine and kynurenic acid in human plasma by capillary liquid chromatography–electrospray ionization tandem mass spectrometry 780(2002)381

Tyrosine

Gas chromatography–mass spectrometry method for determination of phenylalanine and tyrosine in neonatal blood spots 780(2002)407