

Compound Index Vol. 700

Acarbose

Analysis of the antidiabetic drug acarbose by capillary electrophoresis 700(1997)249

***N*-Acetylpolyamines**

Simultaneous determination of polyamines, *N*-acetylated polyamines and the polyamine analogues BE-3-3-3 and BE-4-4-4 by capillary gas chromatography with nitrogen–phosphorus detection 700(1997)23

Alprazolam

Screening for forensically relevant benzodiazepines in human hair by gas chromatography–negative ion chemical ionization–mass spectrometry 700(1997)119

7-Aminonaphthalene-1,3-disulfonic acid

Analysis of the antidiabetic drug acarbose by capillary electrophoresis 700(1997)249

Amitriptyline

Sensitive and rapid method for the simultaneous quantification of five antidepressants with their respective metabolites in plasma using high-performance liquid chromatography with diode-array detection 700(1997)183

Amphetamines

Simultaneous determination of amphetamine and its analogs in human whole blood by gas chromatography–mass spectrometry 700(1997)77

Anastrozole

Validated assay for the quantification of anastrozole in human plasma by capillary gas chromatography–⁶³Ni electron capture detection 700(1997)131

Anti-D immunoglobulin

Characterisation of a chromatographically produced anti-D immunoglobulin product 700(1997)241

Aspartate

Capillary electrophoresis of glutamate and aspartate in rat brain dialysate. Improvements in detection and analysis time using cyclodextrins 700(1997)67

Benzodiazepines

Screening for forensically relevant benzodiazepines in human hair by gas chromatography–negative ion chemical ionization–mass spectrometry 700(1997)119

Bile acids

Bile acid kinetics in man studied by radio thin-layer chromatography and densitometry coupling 700(1997)59

1,19-Bis(ethylamino)-5,10,15-triazanonadecane

Simultaneous determination of polyamines, *N*-acetylated polyamines and the polyamine analogues BE-3-3-3 and BE-4-4-4 by capillary gas chromatography with nitrogen–phosphorus detection 700(1997)23

***N*¹,*N*¹¹-Bis(ethyl)norspermine**

Simultaneous determination of polyamines, *N*-acetylated polyamines and the polyamine analogues BE-3-3-3 and BE-4-4-4 by capillary gas chromatography with nitrogen–phosphorus detection 700(1997)23

6,4'-Bis-(2-imidazolinyldihydrazone)-2-phenylimidazo[1,2-*a*]pyridine

Determination of 6,4'-bis-(2-imidazolinyldihydrazone)-2-phenylimidazo[1,2-*a*]pyridine in plasma and whole blood by high-performance liquid chromatography 700(1997)209

Bromazepam

Screening for forensically relevant benzodiazepines in human hair by gas chromatography–negative ion chemical ionization–mass spectrometry 700(1997)119

Cefotaxime

Simultaneous quantification of cefotaxime, desacetylcefotaxime, ofloxacin and ciprofloxacin in ocular aqueous humor and in plasma by high-performance liquid chromatography 700(1997)147

Cholic acid

Bile acid kinetics in man studied by radio thin-layer chromatography and densitometry coupling 700(1997)59

Ciprofloxacin

Simultaneous quantification of cefotaxime, desacetylcefotaxime, ofloxacin and ciprofloxacin in ocular aqueous humor and in plasma by high-performance liquid chromatography 700(1997)147

Clomipramine

Sensitive and rapid method for the simultaneous quantification of five antidepressants with their respective metabolites in plasma using high-performance liquid chromatography with diode-array detection 700(1997)183

CP-122,721

Determination of the substance P receptor antagonist CP-122,721 in plasma by narrow-bore high-performance liquid chromatography–ionspray tandem mass spectrometry 700(1997)139

Deoxycholic acid

Bile acid kinetics in man studied by radio thin-layer chromatography and densitometry coupling 700(1997)59

Desacetylcefotaxime

Simultaneous quantification of cefotaxime, desacetylcefotaxime, ofloxacin and ciprofloxacin in ocular aqueous humor and in plasma by high-performance liquid chromatography 700(1997)147

Diazepam

Screening for forensically relevant benzodiazepines in human hair by gas chromatography–negative ion chemical ionization–mass spectrometry 700(1997)119

7H-Dibenzo[*c,g*]carbazole

Combination of high-performance liquid chromatography and thin-layer chromatography separation of five adducted nucleotides isolated from liver resulting from intraperitoneal administration with 7H-dibenzo[*c,g*]carbazole to mice 700(1997)49

DNA adducts

Combination of high-performance liquid chromatography and thin-layer chromatography separation of five adducted nucleotides isolated from liver resulting from intraperitoneal administration with 7H-dibenzo[*c,g*]carbazole to mice 700(1997)49

L-Dopa

Simultaneous determination of L-dopa and 3-O-methyldopa in human platelets and plasma using high-performance liquid chromatography with electrochemical detection 700(1997)278

Enzymes

Quantitative analysis of exogenous peptides in plasma using immobilized enzyme cleavage and gas chromatography–mass spectrometry with negative ion chemical ionization 700(1997)9

Thiopurine methyltransferase activity: new high-performance liquid chromatographic assay conditions 700(1997)275

Ephedrine

Hair analysis for drugs of abuse. XIX. Determination of ephedrine and its homologs in rat hair and human hair 700(1997)83

2-Ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine

Enantioselective high-performance liquid chromatography determination of methadone enantiomers and its major metabolite in human biological fluids using a new derivatized cyclodextrin-bonded phase 700(1997)155

Fatty acids

Detection of microbial-derived fatty acids in carious dentin by gas chromatography and gas chromatography–mass spectrometry 700(1997)255

Fatty acids, non-methylene interrupted

Purification and gas chromatographic–mass spectrometric characterization of non-methylene interrupted fatty acid incorporated in rat liver 700(1997)1

Flunitrazepam

Screening for forensically relevant benzodiazepines in human hair by gas chromatography–negative ion chemical ionization–mass spectrometry 700(1997)119

Fluoxetine

Sensitive and rapid method for the simultaneous quantification of five antidepressants with their respective metabolites in plasma using high-performance liquid chromatography with diode-array detection 700(1997)183

Gentian violet

Confirmation of malachite green, gentian violet and their leuco analogs in catfish and trout tissue by high-performance liquid chromatography utilizing electrochemistry with ultraviolet-visible diode array detection and fluorescence detection 700(1997)223

Glutamate

Capillary electrophoresis of glutamate and aspartate in rat brain dialysate. Improvements in detection and analysis time using cyclodextrins 700(1997)67

Hemoglobin A

Microchromatographic quantitation of hemoglobin A levels in phenotypes of sickle cell-beta' thalassemia 700(1997)269

Horse antivenoms

Quantitative comparison on the refinement of horse antivenom by salt fractionation and ion-exchange chromatography 700(1997)233

Hyperimmunoglobulin

Characterisation of a chromatographically produced anti-D immunoglobulin product 700(1997)241

Imipramine

Sensitive and rapid method for the simultaneous quantification of five antidepressants with their respective metabolites in plasma using high-performance liquid chromatography with diode-array detection 700(1997)183

Isotretinoin

Determination of endogenous levels of 13-*cis*-retinoic acid (isotretinoin), all-*trans*-retinoic acid (tretinoin) and their 4-oxo metabolites in human and animal plasma by high-performance liquid chromatography with automated column switching and ultraviolet detection 700(1997)31

Leucogentian violet

Confirmation of malachite green, gentian violet and their leuco analogs in catfish and trout tissue by high-performance liquid chromatography utilizing electrochemistry with ultraviolet-visible diode array detection and fluorescence detection 700(1997)223

Leucomalachite green

Confirmation of malachite green, gentian violet and their leuco analogs in catfish and trout tissue by high-performance liquid chromatography utilizing electrochemistry with ultraviolet-visible diode array detection and fluorescence detection 700(1997)223

Lorazepam

Screening for forensically relevant benzodiazepines in human hair by gas chromatography–negative ion chemical ionization–mass spectrometry 700(1997)119

Malachite green

Confirmation of malachite green, gentian violet and their leuco analogs in catfish and trout tissue by high-performance liquid chromatography utilizing electrochemistry with ultraviolet-visible diode array detection and fluorescence detection 700(1997)223

Maprotiline

Sensitive and rapid method for the simultaneous quantification of five antidepressants with their respective metabolites in plasma using high-performance liquid chromatography with diode-array detection 700(1997)183

Mefloquine

Stereospecific determination of mefloquine in biological fluids by high-performance liquid chromatography 700(1997)215

Methadone

Enantioselective high-performance liquid chromatography determination of methadone enantiomers and its major metabolite in human biological fluids using a new derivatized cyclodextrin-bonded phase 700(1997)155

Methamphetamine

Simultaneous determination of amphetamine and its analogs in human whole blood by gas chromatography–mass spectrometry 700(1997)77

5-Methoxypsoralen

High-performance thin-layer chromatographic determination of 5-methoxypsoralen in serum from patients 700(1997)283

3-O-Methyldopa

Simultaneous determination of L-dopa and 3-O-methyldopa in human platelets and plasma using high-performance liquid chromatography with electrochemical detection 700(1997)278

Methylenedioxyamphetamine

Simultaneous determination of amphetamine and its analogs in human whole blood by gas chromatography–mass spectrometry 700(1997)77

Methylenedioxyethylamphetamine

Simultaneous determination of amphetamine and its analogs in human whole blood by gas chromatography–mass spectrometry 700(1997)77

Methylenedioxyamphetamine

Simultaneous determination of amphetamine and its analogs in human whole blood by gas chromatography–mass spectrometry 700(1997)77

Methylephedrine

Hair analysis for drugs of abuse. XIX. Determination of ephedrine and its homologs in rat hair and human hair 700(1997)83

6-Methylmercaptopurine

Thiopurine methyltransferase activity: new high-performance liquid chromatographic assay conditions 700(1997)275

N-Methylpropyl-7-methoxyindole-3-carboxylate

Determination of SDZ ICM 567 in blood and muscle microdialysis samples by microbore liquid chromatography with ultraviolet and fluorescence detection 700(1997)191

Non-methylene interrupted fatty acids

Purification and gas chromatographic–mass spectrometric characterization of non-methylene interrupted fatty acid incorporated in rat liver 700(1997)1

Nordiazepam

Screening for forensically relevant benzodiazepines in human hair by gas chromatography–negative ion chemical ionization–mass spectrometry 700(1997)119

Ofloxacin

Simultaneous quantification of cefotaxime, desacetylcefotaxime, ofloxacin and ciprofloxacin in ocular aqueous humor and in plasma by high-performance liquid chromatography 700(1997)147

Oxalate

Measurement of oxalate in human plasma ultrafiltrate by ion chromatography 700(1997)261

Oxazepam

Screening for forensically relevant benzodiazepines in human hair by gas chromatography–negative ion chemical ionization–mass spectrometry 700(1997)119

4-Oxoretinoic acid

Determination of endogenous levels of 13-*cis*-retinoic acid (isotretinoin), all-*trans*-retinoic acid (tretinoin) and their 4-*oxo* metabolites in human and animal plasma by high-performance liquid chromatography with automated column switching and ultraviolet detection 700(1997)31

Peptides

Quantitative analysis of exogenous peptides in plasma using immobilized enzyme cleavage and gas chromatography–mass spectrometry with negative ion chemical ionization 700(1997)9

PGV-20229

Analysis of a novel antiinflammatory agent, 1-(7-*tert.*-butyl-2,3-dihydro-3,3-dimethylbenzo[*b*]furan-5-yl)-4-cyclopropylbutan-1-one (PGV-20229), in plasma matrices by stable-isotope-dilution gas chromatography–mass spectrometry 700(1997)111

Phenylpropanolamine

Hair analysis for drugs of abuse. XIX. Determination of ephedrine and its homologs in rat hair and human hair 700(1997)83

Polyamines

Simultaneous determination of polyamines, *N*-acetylated polyamines and the polyamine analogues BE-3-3-3 and BE-4-4-4-4 by capillary gas chromatography with nitrogen–phosphorus detection 700(1997)23

Poly(ethylene glycol) 400

Determination of low levels of poly(ethylene glycol) 400 in plasma and urine by capillary gas chromatography–selected ion-monitoring mass spectrometry after solid-phase extraction 700(1997)93

Propiomazine

Determination of propiomazine in rat plasma by direct injection on coupled liquid chromatography columns with electrochemical detection 700(1997)201

Putrescine

Simultaneous determination of polyamines, *N*-acetylated polyamines and the polyamine analogues BE-3-3-3 and BE-4-4-4-4 by capillary gas chromatography with nitrogen–phosphorus detection 700(1997)23

Remoxipride

Stereoselective determination of *R*-(+)- and *S*-(-)-remoxipride, a dopamine D₂-receptor antagonist, in human plasma by chiral high-performance liquid chromatography 700(1997)165

Retinoic acid

Determination of endogenous levels of 13-*cis*-retinoic acid (isotretinoin), all-*trans*-retinoic acid (tretinoin) and their 4-oxo metabolites in human and animal plasma by high-performance liquid chromatography with automated column switching and ultraviolet detection 700(1997)31

Rosin

High-performance liquid chromatography of unmodified rosin and its applications in contact dermatology 700(1997)101

Spermidine

Simultaneous determination of polyamines, *N*-acetylated polyamines and the polyamine analogues BE-3-3-3 and BE-4-4-4-4 by capillary gas chromatography with nitrogen–phosphorus detection 700(1997)23

Spermine

Simultaneous determination of polyamines, *N*-acetylated polyamines and the polyamine analogues BE-3-3-3 and BE-4-4-4-4 by capillary gas chromatography with nitrogen–phosphorus detection 700(1997)23

Substance P

Determination of the substance P receptor antagonist CP-122,721 in plasma by narrow-bore high-performance liquid chromatography–ionspray tandem mass spectrometry 700(1997)139

1-(7-*tert.*-Butyl-2,3-dihydro-3,3-dimethylbenzo[*b*]furan-5-yl)-4-cyclopropylbutan-1-one

Analysis of a novel antiinflammatory agent, 1-(7-*tert.*-butyl-2,3-dihydro-3,3-dimethylbenzo[*b*]furan-5-yl)-4-cyclopropylbutan-1-one (PGV-20229), in plasma matrices by stable-isotope-dilution gas chromatography–mass spectrometry 700(1997)111

Thiopurine methyltransferase

Thiopurine methyltransferase activity: new high-performance liquid chromatographic assay conditions 700(1997)275

Triazolam

Screening for forensically relevant benzodiazepines in human hair by gas chromatography–negative ion chemical ionization-mass spectrometry 700(1997)119

Trimipramine

Quantitation of trimipramine enantiomers in human serum by enantioselective high-performance liquid chromatography and mixed-mode disc solid-phase extraction 700(1997)175