Compound Index Vol. 689

β,-Agonists

Hair analysis, a novel tool in forensic and biomedical sciences: new chromatographic and electrophoretic/electrokinetic analytical strategies 689(1997)261

Alcohols

Easy differentiation of *Mycobacterium mucogenicum* from other species of the *Mycobacterium fortuitum* complex by thin-layer and gas chromatography of fatty esters and alcohols 689(1997)341

2-Alkylamines

Enantioselective gas chromatographic assay of 2-alkylamines using N-(trifluoroacetyl)prolyl derivatives and a chiral capillary column 689(1997)165

Almokalant

Evaluation of an on-line solid-phase extraction method for determination of almokalant, an antiarrhythmic drug, by liquid chromatography 689(1997)371

Amanitin

Gas chromatography-mass spectrometry (GC-MS) and liquid chromatography-mass spectrometry (LC-MS) in toxicological analysis 689(1997)81

Amino acids

Computerized optimization of the high-performance liquid chromatographic enantioseparation of a mixture of 4-dinitrophenyl amino acids on a quinine carbamate-type chiral stationary phase using DRYLAB 689(1997)123

4-Amino-10-methylfolic acid

Determination of methotrexate and its metabolite 7-hydroxymethotrexate by direct injection of human plasma into a column-switching liquid chromatographic system using post-column photochemical reaction with fluorimetric detection 689(1997)379

4-Amino-10-methylpteroylglutamate

Capillary electrophoresis of methotrexate polyglutamates and its application in evaluation of γ -glutamyl hydrolase activity 689(1997)387

Amphetamines

Gas chromatography-mass spectrometry (GC-MS) and liquid chromatography-mass spectrometry (LC-MS) in toxicological analysis 689(1997)81

Hair analysis, a novel tool in forensic and biomedical sciences: new chromatographic and electrophoretic/electrokinetic analytical strategies 689(1997)261

Angiotensin

Separation and detection of closely related peptides by micellar electrokinetic chromatography coupled with electrospray ionization mass spectrometry using the partial filling technique 689(1997)3

1,5-Anhydroglucitol

Post-column enzyme reactors for chemiluminometric detection of glucose, 1,5-anhydroglucitol and 3-hydroxybutyrate in an anion-exchange chromatographic system 689(1997)393

Antibiotics

Hair analysis, a novel tool in forensic and biomedical sciences: new chromatographic and electrophoretic/electrokinetic analytical strategies 689(1997)261

Antibodies, anti-chymotrypsin

Purification of anti-chymotrypsin antibodies for the preparation of a bioaffinity matrix with oriented chymotrypsin as immobilized ligand 689(1997)273

Artificial kidney

Novel polymeric solid-phase extraction material for complex biological matrices 689(1997)117

Aspartate aminotransferase

Simultaneous assay for aspartate aminotransferase and guanase in human serum by high-performance liquid chromatography 689(1997)305

3'-Azido-3'-deoxythymidine

Column-switching techniques in the biomedical analysis of stereoisomeric drugs: why, how and when 689(1997)91

Benzodiazepines

Automated on-line solid-phase extraction—gas chromatography with nitrogen—phosphorus detection: determination of benzodiazepines in human plasma 689(1997)35

Cannabinoids

Hair analysis, a novel tool in forensic and biomedical sciences: new chromatographic and electrophoretic/electrokinetic analytical strategies 689(1997)261

4-Carbethoxyhexafluorobutyryl chloride

Gas chromatographic-mass spectrometric identification and quantitation of urinary phenols after derivatization with 4-carbethoxyhexafluorobutyryl chloride, a novel derivative 689(1997)415

Cefuroxime

Measurement of cefuroxime in human bronchoalveolar lavage fluid by high-performance liquid chromatography after solid-phase extraction 689(1997)438

Chymotrypsin

Purification of anti-chymotrypsin antibodies for the preparation of a bioaffinity matrix with oriented chymotrypsin as immobilized ligand 689(1997)273

Clobazam

Automated on-line solid-phase extraction-gas chromatography with nitrogen-phosphorus detection: determination of benzodiazepines in human plasma 689(1997)35

Clobenzorex

Gas chromatography-mass spectrometry (GC-MS) and liquid chromatography-mass spectrometry (LC-MS) in toxicological analysis 689(1997)81

Cocaine

Hair analysis, a novel tool in forensic and biomedical sciences: new chromatographic and electrophoretic/electrokinetic analytical strategies 689(1997)261

Collagens

Determination of pyridinium crosslinks in serum. An optimization of sample preparation 689(1997)404

Quantitation of collagen types I, III and V in tissue slices by capillary electrophoresis after cyanogen bromide solubilization 689(1997)181

DA-5018

Determination of a new non-narcotic analgesic, DA-5018, in plasma, urine and bile by high-performance liquid chromatography 689(1997)422

Desmodus salivary plasinogen activator

Analysis of recombinant DNA-derived glycoproteins via highperformance capillary electrophoresis coupled with off-line matrix-assisted laser desorption ionization time-of-flight mass spectrometry 689(1997)215

Diagnostic metabolites

Diagnostic applications of chromatography and capillary electrophoresis 689(1997)155

Diazepam

Automated on-line solid-phase extraction-gas chromatography with nitrogen-phosphorus detection: determination of benzodiazepines in human plasma 689(1997)35

Solvent-modified solid-phase microextraction for the determination of diazepam in human plasma samples by capillary gas chromatography 689(1997)357

Difluorobenzyl derivatives

Electron-capture detection: diffuorobenzyl and related electrophores 689(1997)195

Digitonin

Monitoring single-cell pharmacokinetics by capillary electrophoresis and laser-induced native fluorescence 689(1997)321

N-[3-(3,4-Dimethylphenyl)propyl]-4-(2-aminoethoxy)-3-methoxyphenylacetamide hydrochloride

Determination of a new non-narcotic analgesic, DA-5018, in plasma, urine and bile by high-performance liquid chromatography 689(1997)422

4-Dinitrophenylamino acids

Computerized optimization of the high-performance liquid chromatographic enantioseparation of a mixture of 4-dinitrophenyl amino acids on a quinine carbamate-type chiral stationary phase using DRYLAB 689(1997)123

DNA

Capillary biomolecular separations 689(1997)55

Analysis of recombinant DNA-derived glycoproteins via highperformance capillary electrophoresis coupled with off-line matrix-assisted laser desorption ionization time-of-flight mass spectrometry 689(1997)215

Assay for the determination of urinary 8-hydroxy-2'deoxyguanosine by high-performance liquid chromatography with electrochemical detection 689(1997)399

Drugs

Defining drug purity through chromatographic and related methods: current status and perspectives 689(1997)137

Particle-loaded membranes for sample concentration and/or clean-up in bioanalysis 689(1997)221

Electrospray ionisation

Determination of lysergide in urine by high-performance liquid chromatography combined with electrospray ionisation mass spectrometry 689(1997)335

Enantiomer separation

Separation of the stereoisomers of the main metabolite of a non-steroidal anti-inflammatory drug, flobufen, by chiral highperformance liquid chromatography 689(1997)205

[D-Ala2,D-Leu5]Enkephalin

Determination of [D-Ala²,D-Leu⁵]enkephalin and the metabolites containing C-terminal D-leucine by high-performance liquid chromatography 689(1997)287

Enzymes

Purification of anti-chymotrypsin antibodies for the preparation of a bioaffinity matrix with oriented chymotrypsin as immobilized ligand 689(1997)273

Simultaneous assay for aspartate aminotransferase and guanase in human serum by high-performance liquid chromatography 689(1997)305

O-Ethyl S-2-Diisopropylaminoethyl methylphosphonothiolate Determination of the main hydrolysis product of O-ethyl S-2diisopropylaminoethyl methylphosphonothiolate, ethyl methylphosphonic acid, in human serum 689(1997)327

Ethyl methylphosphonic acid

Determination of the main hydrolysis product of *O*-ethyl *S*-2-diisopropylaminoethyl methylphosphonothiolate, ethyl methylphosphonic acid, in human serum 689(1997)327

Fatty acid methyl esters

Easy differentiation of *Mycobacterium mucogenicum* from other species of the *Mycobacterium fortuitum* complex by thin-layer and gas chromatography of fatty esters and alcohols 689(1997)341

Flobufen

Separation of the stereoisomers of the main metabolite of a non-steroidal anti-inflammatory drug, flobufen, by chiral high-performance liquid chromatography 689(1997)205