

Available online at www.sciencedirect.com



JOURNAL OF CHROMATOGRAPHY B

Journal of Chromatography B, 825 (2005) 241-245

www.elsevier.com/locate/chromb

Keyword Index Vol. 825

Affinity chromatography

The effect of the mobile phase additives on sensitivity in the analysis of peptides and proteins by high-performance liquid chromatography-electrospray mass spectrometry 825(2005)111

β-Agonists

Improving LC-MS sensitivity through increases in chromatographic performance: Comparisons of UPLC-ES/MS/MS to HPLC-ES/MS/MS 825(2005)134

Alkaline mobile phase

Protein–inhibitor complexes analyzed by alkaline capillary LC-MS 825(2005)176

Amphetamine derivatives

Simultaneous enantioselective determination of amphetamine and congeners in hair specimens by negative chemical ionization gas chromatography–mass spectrometry 825(2005)57

Amphetamine

Simultaneous enantioselective determination of amphetamine and congeners in hair specimens by negative chemical ionization gas chromatography–mass spectrometry 825(2005)57

Enantiomeric determination of amphetamines: Exploring a novel one-step solid-phase microextraction-based approach 825(2005)79

Basic drugs

High-throughput screening of corticosteroids and basic drugs in horse urine by liquid chromatography-tandem mass spectrometry 825(2005)47

Bcl-2 antisense

Characterization and quantification of Bcl-2 antisense G3139 and metabolites in plasma and urine by ion-pair reversed phase HPLC coupled with electrospray ion-trap mass spectrometry 825(2005)201

Benzodiazepines

Liquid chromatography–electrospray ionisation mass spectrometry for the determination of nine selected benzodiazepines in human plasma and oral fluid 825(2005)63

Screening method for benzodiazepines and hypnotics in hair at pg/mg level by liquid chromatography-mass spectrometry/mass spectrometry 825(2005)72

Bioanalytical

Increase of the LC–MS/MS sensitivity and detection limits using on-line sample preparation with large volume plasma injection 825(2005)152

Corticosteroids

High-throughput screening of corticosteroids and basic drugs in horse urine by liquid chromatography-tandem mass spectrometry 825(2005)47

Derivatization

Sensitivity enhancement in liquid chromatography/atmospheric pressure ionization mass spectrometry using derivatization and mobile phase additives (Review) 825(2005)98

Enantiomeric determination of amphetamines: Exploring a novel one-step solid-phase microextraction-based approach 825(2005)79

Enantiomeric determination of ephedrines and norephedrines by chiral derivatization gas chromatography-mass spectrometry approaches 825(2005)88

2-Hydrazino-1-methylpyridine: a highly sensitive derivatization reagent for oxosteroids in liquid chromatography-electrospray ionization-mass spectrometry 825(2005)214

Simultaneous determination of norethindrone and ethinyl estradiol in human plasma by high performance liquid chromatography with tandem mass spectrometry—experiences on developing a highly selective method using derivatization reagent for enhancing sensitivity 825(2005)223

Doping control

Determination of urinary steroid sulfate metabolites using ion paired extraction 825(2005)1

Electrospray mass spectrometry

The effect of the mobile phase additives on sensitivity in the analysis of peptides and proteins by high-performance liquid chromatography–electrospray mass spectrometry 825(2005)111

Electrospray

Simple means to alleviate sensitivity loss by trifluoroacetic acid (TFA) mobile phases in the hydrophilic interaction chromatography–electrospray tandem mass spectrometric (HILIC–ESI/MS/MS) bioanalysis of basic compounds 825(2005)186

Enantiomer separation

Enantiomeric determination of amphetamines: Exploring a novel one-step solid-phase microextraction-based approach 825(2005)79

Enantiomeric determination of ephedrines and norephedrines by chiral derivatization gas chromatography-mass spectrometry approaches 825(2005)88

Enantiomeric ratio

Simultaneous enantioselective determination of amphetamine and congeners in hair specimens by negative chemical ionization gas chromatography–mass spectrometry 825(2005)57

Ephedra alkaloids

Improving LC-MS sensitivity through increases in chromatographic performance: Comparisons of UPLC-ES/MS/MS to HPLC-ES/MS/MS 825(2005)134

Ephedrine

Enantiomeric determination of ephedrines and norephedrines by chiral derivatization gas chromatography–mass spectrometry approaches 825(2005)88

Ethinyl estradiol

Simultaneous determination of norethindrone and ethinyl estradiol in human plasma by high performance liquid chromatography with tandem mass spectrometry—experiences on developing a highly selective method using derivatization reagent for enhancing sensitivity 825(2005)223

G protein-coupled receptor

Mass spectrometric analysis of integral membrane proteins at the subpicomolar level: Application to rhodopsin 825(2005)169

GC-MS

Simultaneous determination of nineteen hallucinogenic tryptamines/β-calbolines and phenethylamines using gas chromatography—mass spectrometry and liquid chromatography—electrospray ionisation-mass spectrometry 825(2005)29

Enantiomeric determination of amphetamines: Exploring a novel one-step solid-phase microextraction-based approach 825(2005)79

Enantiomeric determination of ephedrines and norephedrines by chiral derivatization gas chromatography–mass spectrometry approaches 825(2005)88

Glycopeptide

Protein glycosylation analysis by liquid chromatography-mass spectrometry (Review) 825(2005)124

Glycoprotein

Protein glycosylation analysis by liquid chromatography-mass spectrometry (Review) 825(2005)124

Graphitized carbon

Protein glycosylation analysis by liquid chromatography-mass spectrometry (Review) 825(2005)124

Hair analysis

Simultaneous enantioselective determination of amphetamine and congeners in hair specimens by negative chemical ionization gas chromatography–mass spectrometry 825(2005)57

Hair

Determination of oxcarbazepine and its metabolites in postmortem blood and hair by means of liquid chromatography with mass detection (HPLC/APCI/MS) 825(2005)38

Screening method for benzodiazepines and hypnotics in hair at pg/mg level by liquid chromatography—mass spectrometry/mass spectrometry 825(2005)72

Heterocyclic aromatic amines

Investigation of the separation of heterocyclic aromatic amines by reversed phase ion-pair liquid chromatography coupled with tandem mass spectrometry: The role of ion pair reagents on LC–MS/MS sensitivity 825(2005)193

HILIC

Simple means to alleviate sensitivity loss by trifluoroacetic acid (TFA) mobile phases in the hydrophilic interaction chromatography–electrospray tandem mass spectrometric (HILIC–ESI/MS/MS) bioanalysis of basic compounds 825(2005)186

Horse urine

High-throughput screening of corticosteroids and basic drugs in horse urine by liquid chromatography-tandem mass spectrometry 825(2005)47

HPLC/MS

Narrow-bore sample trapping and chromatography combined with quadrupole/time-of-flight mass spectrometry for ultra-sensitive identification of in vivo and in vitro metabolites 825(2005)144

HPLC

Mass spectrometric analysis of integral membrane proteins at the subpicomolar level: Application to rhodopsin 825(2005)169

Human prostate

2-Hydrazino-1-methylpyridine: a highly sensitive derivatization reagent for oxosteroids in liquid chromatography–electrospray ionization-mass spectrometry 825(2005)214

Hydrogen/Deuterium exchange

Liquid chromatography—mass spectrometry using the hydrogen/deuterium exchange reaction as a tool for impurity identification in pharmaceutical process development 825(2005)161

Hydrophilic interaction chromatography

Simple means to alleviate sensitivity loss by trifluoroacetic acid (TFA) mobile phases in the hydrophilic interaction chromatography–electrospray tandem mass spectrometric (HILIC–ESI/MS/MS) bioanalysis of basic compounds 825(2005)186

Hypnotics

Screening method for benzodiazepines and hypnotics in hair at pg/mg level by liquid chromatography–mass spectrometry/mass spectrometry 825(2005)72

Intact protein

Protein-inhibitor complexes analyzed by alkaline capillary LC-MS 825(2005)176

Ion pairing

Determination of urinary steroid sulfate metabolites using ion paired extraction 825(2005)1

Ion-exchange chromatography

The effect of the mobile phase additives on sensitivity in the analysis of peptides and proteins by high-performance liquid chromatography–electrospray mass spectrometry 825(2005)111

Ion-pair reagents

Investigation of the separation of heterocyclic aromatic amines by reversed phase ion-pair liquid chromatography coupled with tandem mass spectrometry: The role of ion pair reagents on LC–MS/MS sensitivity 825(2005)193

Isoflavones

Improving LC-MS sensitivity through increases in chromatographic performance: Comparisons of UPLC-ES/MS/MS to HPLC-ES/MS/MS 825(2005)134

ISO-LSD

Liquid chromatography-tandem mass spectrometry determination of LSD, ISO-LSD, and the main metabolite 2-oxo-3-hydroxy-LSD in forensic samples and application in a forensic case 825(2005)21

Large volume injection

Increase of the LC–MS/MS sensitivity and detection limits using on-line sample preparation with large volume plasma injection 825(2005)152

LC/APCI/MS

Determination of oxcarbazepine and its metabolites in postmortem blood and hair by means of liquid chromatography with mass detection (HPLC/APCI/MS) 825(2005)38

LC/MS/MS

Liquid chromatography-tandem mass spectrometry determination of LSD, ISO-LSD, and the main metabolite 2-oxo-3-hydroxy-LSD in forensic samples and application in a forensic case 825(2005)21

LC-ESI-MS

Simultaneous determination of nineteen hallucinogenic tryptamines/ β -calbolines and phenethylamines using gas chromatography—mass spectrometry and liquid chromatography—electrospray ionisation-mass spectrometry 825(2005)29

2-Hydrazino-1-methylpyridine: a highly sensitive derivatization reagent for oxosteroids in liquid chromatography–electrospray ionization-mass spectrometry 825(2005)214

LC-MS/MS

Screening method for benzodiazepines and hypnotics in hair at pg/mg level by liquid chromatography–mass spectrometry/mass spectrometry 825(2005)72

Increase of the LC-MS/MS sensitivity and detection limits using on-line sample preparation with large volume plasma injection 825(2005)152

Simple means to alleviate sensitivity loss by trifluoroacetic acid (TFA) mobile phases in the hydrophilic interaction chromatography–electrospray tandem mass spectrometric (HILIC–ESI/MS/MS) bioanalysis of basic compounds 825(2005)186

Simultaneous determination of norethindrone and ethinyl estradiol in human plasma by high performance liquid chromatography with tandem mass spectrometry—experiences on developing a highly selective method using derivatization reagent for enhancing sensitivity 825(2005)223

LC-MS

Liquid chromatography—mass spectrometry using the hydrogen/deuterium exchange reaction as a tool for impurity identification in pharmaceutical process development 825(2005)161

Protein–inhibitor complexes analyzed by alkaline capillary LC-MS 825(2005)176

Simple means to alleviate sensitivity loss by trifluoroacetic acid (TFA) mobile phases in the hydrophilic interaction chromatography–electrospray tandem mass spectrometric (HILIC–ESI/MS/MS) bioanalysis of basic compounds 825(2005)186

Liquid chromatography

Liquid chromatography–electrospray ionisation mass spectrometry for the determination of nine selected benzodiazepines in human plasma and oral fluid 825(2005)63

Liquid chromatography-mass spectrometry

Liquid chromatography–electrospray ionisation mass spectrometry for the determination of nine selected benzodiazepines in human plasma and oral fluid 825(2005)63

Simple means to alleviate sensitivity loss by trifluoroacetic acid (TFA) mobile phases in the hydrophilic interaction chromatography–electrospray tandem mass spectrometric (HILIC–ESI/MS/MS) bioanalysis of basic compounds 825(2005)186

Investigation of the separation of heterocyclic aromatic amines by reversed phase ion-pair liquid chromatography coupled with tandem mass spectrometry: The role of ion pair reagents on LC–MS/MS sensitivity 825(2005)193

LSD

Liquid chromatography-tandem mass spectrometry determination of LSD, ISO-LSD, and the main metabolite 2-oxo-3-hydroxy-LSD in forensic samples and application in a forensic case 825(2005)21

LTQ

Mass spectrometric analysis of integral membrane proteins at the subpicomolar level: Application to rhodopsin 825(2005)169

Mass spectrometry

Improving LC-MS sensitivity through increases in chromatographic performance: Comparisons of UPLC-ES/MS/MS to HPLC-ES/MS/MS 825(2005)134

Narrow-bore sample trapping and chromatography combined with quadrupole/time-of-flight mass spectrometry for ultra-sensitive identification of in vivo and in vitro metabolites 825(2005)144

Mass spectrometric analysis of integral membrane proteins at the subpicomolar level: Application to rhodopsin 825(2005)169

Membrane protein

Mass spectrometric analysis of integral membrane proteins at the subpicomolar level: Application to rhodopsin 825(2005)169

Metabolism

Characterization and quantification of Bcl-2 antisense G3139 and metabolites in plasma and urine by ion-pair reversed phase HPLC coupled with electrospray ion-trap mass spectrometry 825(2005)201

Metabolite identification

Narrow-bore sample trapping and chromatography combined with quadrupole/time-of-flight mass spectrometry for ultra-sensitive identification of in vivo and in vitro metabolites 825(2005)144

Methamphetamine

Enantiomeric determination of amphetamines: Exploring a novel one-step solid-phase microextraction-based approach 825(2005)79

Microwave-assisted extraction

Optimization of microwave-assisted extraction followed by solid phase micro extraction and gas chromatography-mass spectrometry detection for the assay of some semi volatile organic pollutants in sebum 825(2005)11

Mobile phase additives

Sensitivity enhancement in liquid chromatography/atmospheric pressure ionization mass spectrometry using derivatization and mobile phase additives (Review) 825(2005)98

Modified nucleosides

Pseudouridine detection improvement by derivatization with methyl vinyl sulfone and capillary HPLC-mass spectrometry 825(2005)233

Negative ion

Protein-inhibitor complexes analyzed by alkaline capillary LC-MS 825(2005)176

N-in-one quantification

Characterization and quantification of Bcl-2 antisense G3139 and metabolites in plasma and urine by ion-pair reversed phase HPLC coupled with electrospray ion-trap mass spectrometry 825(2005)201

Non-controlled substances

Simultaneous determination of nineteen hallucinogenic tryptamines/ β -calbolines and phenethylamines using gas chromatography—mass spectrometry and liquid chromatography—electrospray ionisation-mass spectrometry 825(2005)29

Norephedrine

Enantiomeric determination of ephedrines and norephedrines by chiral derivatization gas chromatography–mass spectrometry approaches 825(2005)88

Norethindrone

Simultaneous determination of norethindrone and ethinyl estradiol in human plasma by high performance liquid chromatography with tandem mass spectrometry—experiences on developing a highly selective method using derivatization reagent for enhancing sensitivity 825(2005)223

Normal phase

Protein glycosylation analysis by liquid chromatography-mass spectrometry (Review) 825(2005)124

On-line SPE

Increase of the LC–MS/MS sensitivity and detection limits using on-line sample preparation with large volume plasma injection 825(2005)152

Opsin

Mass spectrometric analysis of integral membrane proteins at the subpicomolar level: Application to rhodopsin 825(2005)169

Oral fluid

Liquid chromatography–electrospray ionisation mass spectrometry for the determination of nine selected benzodiazepines in human plasma and oral fluid 825(2005)63

Organic pollutants

Optimization of microwave-assisted extraction followed by solid phase micro extraction and gas chromatography-mass spectrometry detection for the assay of some semi volatile organic pollutants in sebum 825(2005)11

Oxcarbazepine

Determination of oxcarbazepine and its metabolites in postmortem blood and hair by means of liquid chromatography with mass detection (HPLC/APCI/MS) 825(2005)38

Oxosteroids

2-Hydrazino-1-methylpyridine: a highly sensitive derivatization reagent for oxosteroids in liquid chromatography–electrospray ionization-mass spectrometry 825(2005)214

Peptide

The effect of the mobile phase additives on sensitivity in the analysis of peptides and proteins by high-performance liquid chromatography–electrospray mass spectrometry 825(2005)111

Pharmacokinetics

Characterization and quantification of Bcl-2 antisense G3139 and metabolites in plasma and urine by ion-pair reversed phase HPLC coupled with electrospray ion-trap mass spectrometry 825(2005)201

Phenethylamines

Simultaneous determination of nineteen hallucinogenic tryptamines/β-calbolines and phenethylamines using gas chromatography–mass spectrometry and liquid chromatography–electrospray ionisation-mass spectrometry 825(2005)29

Pigment

Mass spectrometric analysis of integral membrane proteins at the subpicomolar level: Application to rhodopsin 825(2005)169

Plasma

Liquid chromatography–electrospray ionisation mass spectrometry for the determination of nine selected benzodiazepines in human plasma and oral fluid 825(2005)63

Protein identification

Mass spectrometric analysis of integral membrane proteins at the subpicomolar level: Application to rhodopsin 825(2005)169

Protein mapping

Mass spectrometric analysis of integral membrane proteins at the subpicomolar level: Application to rhodopsin 825(2005)169

Protein sequencing

Mass spectrometric analysis of integral membrane proteins at the subpicomolar level: Application to rhodopsin 825(2005)169

Protein

The effect of the mobile phase additives on sensitivity in the analysis of peptides and proteins by high-performance liquid chromatography–electrospray mass spectrometry 825(2005)111

Pseudouridine

Pseudouridine detection improvement by derivatization with methyl vinyl sulfone and capillary HPLC-mass spectrometry 825(2005)233

Reverse phase

Protein glycosylation analysis by liquid chromatography-mass spectrometry (Review) 825(2005)124

Reversed-phase chromatography

The effect of the mobile phase additives on sensitivity in the analysis of peptides and proteins by high-performance liquid chromatography–electrospray mass spectrometry 825(2005)111

Reversible covalent binding

Protein-inhibitor complexes analyzed by alkaline capillary LC-MS 825(2005)176

Roviowe

Sensitivity enhancement in liquid chromatography/atmospheric pressure ionization mass spectrometry using derivatization and mobile phase additives (Review) 825(2005)98

Rhodopsin

Mass spectrometric analysis of integral membrane proteins at the subpicomolar level: Application to rhodopsin 825(2005)169

RNA

Pseudouridine detection improvement by derivatization with methyl vinyl sulfone and capillary HPLC-mass spectrometry 825(2005)233

Saliva

Liquid chromatography–electrospray ionisation mass spectrometry for the determination of nine selected benzodiazepines in human plasma and oral fluid 825(2005)63

Sebum

Optimization of microwave-assisted extraction followed by solid phase micro extraction and gas chromatography-mass spectrometry detection for the assay of some semi volatile organic pollutants in sebum 825(2005)11

Sensitivity improvement

Sensitivity enhancement in liquid chromatography/atmospheric pressure ionization mass spectrometry using derivatization and mobile phase additives (Review) 825(2005)98

Increase of the LC–MS/MS sensitivity and detection limits using on-line sample preparation with large volume plasma injection 825(2005)152

Sensitivity

Protein glycosylation analysis by liquid chromatography-mass spectrometry 825(2005)124

Protein-inhibitor complexes analyzed by alkaline capillary LC-MS 825(2005)176

Silica column

Simple means to alleviate sensitivity loss by trifluoroacetic acid (TFA) mobile phases in the hydrophilic interaction chromatography–electrospray tandem mass spectrometric (HILIC–ESI/MS/MS) bioanalysis of basic compounds 825(2005)186

Simultaneous analysis

Simultaneous determination of norethindrone and ethinyl estradiol in human plasma by high performance liquid chromatography with tandem mass spectrometry—experiences on developing a highly selective method using derivatization reagent for enhancing sensitivity 825(2005)223

Size-exclusion chromatography

The effect of the mobile phase additives on sensitivity in the analysis of peptides and proteins by high-performance liquid chromatography–electrospray mass spectrometry 825(2005)111

Solid phase microextraction

Optimization of microwave-assisted extraction followed by solid phase micro extraction and gas chromatography-mass spectrometry detection for the assay of some semi volatile organic pollutants in sebum 825(2005)11

Steroid sulfates

Determination of urinary steroid sulfate metabolites using ion paired extraction 825(2005)1

Structural determination

Liquid chromatography—mass spectrometry using the hydrogen/deuterium exchange reaction as a tool for impurity identification in pharmaceutical process development 825(2005)161

Tamoxifen

Improving LC–MS sensitivity through increases in chromatographic performance: Comparisons of UPLC–ES/MS/MS to HPLC–ES/MS/MS 825(2005)134

Tandem mass spectrometry

Characterization and quantification of Bcl-2 antisense G3139 and metabolites in plasma and urine by ion-pair reversed phase HPLC coupled with electrospray ion-trap mass spectrometry 825(2005)201

TFA

Simple means to alleviate sensitivity loss by trifluoroacetic acid (TFA) mobile phases in the hydrophilic interaction chromatography–electrospray tandem mass spectrometric (HILIC–ESI/MS/MS) bioanalysis of basic compounds 825(2005)186

Trifluoroacetic acid

Simple means to alleviate sensitivity loss by trifluoroacetic acid (TFA) mobile phases in the hydrophilic interaction chromatography–electrospray tandem mass spectrometric (HILIC–ESI/MS/MS) bioanalysis of basic compounds 825(2005)186

Trileptal

Determination of oxcarbazepine and its metabolites in postmortem blood and hair by means of liquid chromatography with mass detection (HPLC/APCI/MS) 825(2005)38

Tryptamines

Simultaneous determination of nineteen hallucinogenic tryptamines/ β -calbolines and phenethylamines using gas chromatography—mass spectrometry and liquid chromatography—electrospray ionisation-mass spectrometry 825(2005)29

Ultra-trace identification

Narrow-bore sample trapping and chromatography combined with quadrupole/time-of-flight mass spectrometry for ultra-sensitive identification of in vivo and in vitro metabolites 825(2005)144

UPLC

Improving LC-MS sensitivity through increases in chromatographic performance: Comparisons of UPLC-ES/MS/MS to HPLC-ES/MS/MS 825(2005)134

Whole blood

Liquid chromatography-tandem mass spectrometry determination of LSD, ISO-LSD, and the main metabolite 2-oxo-3-hydroxy-LSD in forensic samples and application in a forensic case 825(2005)21