

Available online at www.sciencedirect.com



JOURNAL OF CHROMATOGRAPHY B

Journal of Chromatography B, 827 (2005) 234-239

www.elsevier.com/locate/chromb

Keyword Index Vol. 827

Acylcarnitine analysis

Acidified acetonitrile and methanol extractions for quantitative analysis of acylcarnitines in plasma by stable isotope dilution tandem mass spectrometry 827(2005)193

Aging

Oxidative stress in brain aging, neurodegenerative and vascular diseases: An overview 827(2005)65

Analysis

Recent developments in analytical methodology for 8-hydroxy-2'-deoxyguanosine and related compounds 827(2005)5

Anserine

LC-ESI-MS/MS determination of 4-hydroxy-*trans*-2-nonenal Michael adducts with cysteine and histidine-containing peptides as early markers of oxidative stress in excitable tissues 827(2005)109

Antioxidants

Rapid screening and characterisation of antioxidants of Cosmos caudatus using liquid chromatography coupled with mass spectrometry 827(2005)127

Ascorbic acid

Ascorbylated 4-hydroxy-2-nonenal as a potential biomarker of oxidative stress response 827(2005)139

Atmospheric pressure chemical ionisation

Quantification of urinary o, o'-dityrosine, a biomarker for oxidative damage to proteins, by high performance liquid chromatography with triple quadrupole tandem mass spectrometry. A comparison with ion-trap tandem mass spectrometry 827(2005)104

Bioequivalence

Verapamil quantification in human plasma by liquid chromatography coupled to tandem mass spectrometry. An application for bioequivalence study 827(2005)165

Biomarker

Quantification of urinary o, o'-dityrosine, a biomarker for oxidative damage to proteins, by high performance liquid chromatography with triple quadrupole tandem mass spectrometry. A comparison with ion-trap tandem mass spectrometry 827(2005)104

Ascorbylated 4-hydroxy-2-nonenal as a potential biomarker of oxidative stress response 827(2005)139

Determination of 3-nitrotyrosine in human urine at the basal state by gas chromatography-tandem mass spectrometry and evaluation of the excretion after oral intake 827(2005)146

Brain

Oxidative stress in brain aging, neurodegenerative and vascular diseases: An overview 827(2005)65

Suppression of murine cerebral F_2 -isoprostanes and F_4 -neuroprostanes from excitotoxicity and innate immune response in vivo by α - or γ -tocopherol 827(2005)88

Cancer

Determination of urinary 8-hydroxy-2'-deoxyguanosine by two approaches—capillary electrophoresis and GC/MS: An assay for in vivo oxidative DNA damage in cancer patients 827(2005)83

Capillary electrophoresis

On-column preconcentration of glutathione and glutathione disulfide using pH-mediated base stacking for the analysis of microdialysis samples by capillary electrophoresis 827(2005)51

Determination of urinary 8-hydroxy-2'-deoxyguanosine by two approaches—capillary electrophoresis and GC/MS: An assay for in vivo oxidative DNA damage in cancer patients 827(2005)83

Capillary electrophoresis with electrochemical detection

Determination of 8-oxoguanine and 8-hydroxy-2'-deoxyguanosine in the rat cerebral cortex using microdialysis sampling and capillary electrophoresis with electrochemical detection 827(2005)16

Carcinogenesis

Susceptibility of actin to modification by 4-hydroxy-2-nonenal 827(2005)119

Carnosine

LC-ESI-MS/MS determination of 4-hydroxy-*trans*-2-nonenal Michael adducts with cysteine and histidine-containing peptides as early markers of oxidative stress in excitable tissues 827(2005)109

Catalytic activity

Kinetic measurement by LC/MS of γ -glutamylcysteine ligase activity 827(2005)32

Cellular staining

Assessment of in situ cellular glutathione labeling with naphthalene-2,3-dicarboxaldehyde using high-performance liquid chromatography 827(2005)44

Cerebrospinal fluid

Porous graphitic carbon chromatography-tandem mass spectrometry for the study of isoprostanes in human cerebrospinal fluid 827(2005)39

Cholestrol hydroperoxide

A thin layer chromatographic method for determining the enzymatic activity of peroxidases catalyzing the two-electron reduction of lipid hydroperoxides 827(2005)58

Comet assay

Oxidative stress and DNA damage caused by the urban air pollutant 3-NBA and its isomer 2-NBA in human lung cells analyzed with three independent methods 827(2005)94

Creatine

Analysis of creatine, creatinine, creatine- d_3 and creatinine- d_3 in urine, plasma, and red blood cells by HPLC and GC-MS to follow the fate of ingested creatine- d_3 827(2005)210

Cryptotanshinone

Determination of cryptotanshinone and its metabolite in rat plasma by liquid chromatography-tandem mass spectrometry 827(2005)205

Defects of fatty acid oxidation

Acidified acetonitrile and methanol extractions for quantitative analysis of acylcarnitines in plasma by stable isotope dilution tandem mass spectrometry 827(2005)193

Deuterated creatine

Analysis of creatine, creatinine, creatine- d_3 and creatinine- d_3 in urine, plasma, and red blood cells by HPLC and GC-MS to follow the fate of ingested creatine- d_3 827(2005)210

Deuterated creatinine

Analysis of creatine, creatinine, creatine- d_3 and creatinine- d_3 in urine, plasma, and red blood cells by HPLC and GC-MS to follow the fate of ingested creatine- d_3 827(2005)210

2,4-Dinitrophenylhydrazine

Determination of malondialdehyde (MDA) by high-performance liquid chromatography in serum and liver as a biomarker for oxidative stress. Application to a rat model for hypercholesterolemia and evaluation of the effect of diets rich in phenolic antioxidants from fruits 827(2005)76

o,o'-Dityrosine

Quantification of urinary o,o'-dityrosine, a biomarker for oxidative damage to proteins, by high performance liquid chromatography with triple quadrupole tandem mass spectrometry. A comparison with ion-trap tandem mass spectrometry 827(2005)104

DNA damage

Detection of chlorinated DNA and RNA nucleosides by HPLC coupled to tandem mass spectrometry as potential biomarkers of inflammation 827(2005)26

DNA lesions

Oxidative stress and DNA damage caused by the urban air pollutant 3-NBA and its isomer 2-NBA in human lung cells analyzed with three independent methods 827(2005)94

DNA-adducts

Oxidative stress and DNA damage caused by the urban air pollutant 3-NBA and its isomer 2-NBA in human lung cells analyzed with three independent methods 827(2005)94

Doping control

Metabolism of isometheptene in human urine and analysis by gas chromatography-mass spectrometry in doping control 827(2005)199

Electrochemical detection

Comparison of silver, gold and modified platinum electrodes for the electrochemical detection of iodide in urine samples following ion chromatography 827(2005)224

FPG-enzyme

Oxidative stress and DNA damage caused by the urban air pollutant 3-NBA and its isomer 2-NBA in human lung cells analyzed with three independent methods 827(2005)94

Free radical

Separation and identification of F_2 -isoprostane regioisomers and diastereomers by novel liquid chromatographic/mass spectrometric methods 827(2005)157

Fruit antioxidant polyphenols

Determination of malondialdehyde (MDA) by high-performance liquid chromatography in serum and liver as a biomarker for oxidative stress. Application to a rat model for hypercholesterolemia and evaluation of the effect of diets rich in phenolic antioxidants from fruits 827(2005)76

Gas chromatography-mass spectrometry

Metabolism of isometheptene in human urine and analysis by gas chromatography-mass spectrometry in doping control 827(2005)199

GC/MS

Determination of urinary 8-hydroxy-2'-deoxyguanosine by two approaches—capillary electrophoresis and GC/MS: An assay for in vivo oxidative DNA damage in cancer patients 827(2005)83

GC-MS

Analysis of creatine, creatinine, creatine- d_3 and creatinine- d_3 in urine, plasma, and red blood cells by HPLC and GC-MS to follow the fate of ingested creatine- d_3 827(2005)210

Generic elution methods

A highly efficient preparative-scale generic immunoaffinity chromatography method for the purification of antibodies to hydrophobic haptens: Purification procedure and monitoring tests 827(2005)182

Genotoxicity

Oxidative stress and DNA damage caused by the urban air pollutant 3-NBA and its isomer 2-NBA in human lung cells analyzed with three independent methods 827(2005)94

γ-Glutamylcysteine ligase

Kinetic measurement by LC/MS of γ -glutamylcysteine ligase activity 827(2005)32

Glutathione

On-column preconcentration of glutathione and glutathione disulfide using pH-mediated base stacking for the analysis of microdialysis samples by capillary electrophoresis 827(2005)51

LC-ESI-MS/MS determination of 4-hydroxy-*trans*-2-nonenal Michael adducts with cysteine and histidine-containing peptides as early markers of oxidative stress in excitable tissues 827(2005)109

Glutathione disulfide

On-column preconcentration of glutathione and glutathione disulfide using pH-mediated base stacking for the analysis of microdialysis samples by capillary electrophoresis 827(2005)51

Glutathione metabolism

Kinetic measurement by LC/MS of γ -glutamylcysteine ligase activity 827(2005)32

Heptaminol

Metabolism of isometheptene in human urine and analysis by gas chromatography-mass spectrometry in doping control 827(2005)199

Histidine-containing peptides

LC-ESI-MS/MS determination of 4-hydroxy-*trans*-2-nonenal Michael adducts with cysteine and histidine-containing peptides as early markers of oxidative stress in excitable tissues 827(2005)109

HPLC

Determination of malondialdehyde (MDA) by high-performance liquid chromatography in serum and liver as a biomarker for oxidative stress. Application to a rat model for hypercholesterolemia and evaluation of the effect of diets rich in phenolic antioxidants from fruits 827(2005)76

HPLC/MS

Rapid screening and characterisation of antioxidants of *Cosmos caudatus* using liquid chromatography coupled with mass spectrometry 827(2005)127

HPLC-EC/UV

Oxidative stress and DNA damage caused by the urban air pollutant 3-NBA and its isomer 2-NBA in human lung cells analyzed with three independent methods 827(2005)94

Human

Determination of 3-nitrotyrosine in human urine at the basal state by gas chromatography-tandem mass spectrometry and evaluation of the excretion after oral intake 827(2005)146

Human biomarkers

Detection of chlorinated DNA and RNA nucleosides by HPLC coupled to tandem mass spectrometry as potential biomarkers of inflammation 827(2005)26

Human serum

Optimization of the determination of polybrominated diphenyl ethers in human serum using solid-phase extraction and gas chromatography-electron capture negative ionization mass spectrometry 827(2005)216

Human urine

Comparison of silver, gold and modified platinum electrodes for the electrochemical detection of iodide in urine samples following ion chromatography 827(2005)224

Hydrophobic haptens

A highly efficient preparative-scale generic immunoaffinity chromatography method for the purification of antibodies to hydrophobic haptens: Purification procedure and monitoring tests 827(2005)182

4-Hydroxy-2-nonenal

Susceptibility of actin to modification by 4-hydroxy-2-nonenal 827(2005)119

Ascorbylated 4-hydroxy-2-nonenal as a potential biomarker of oxidative stress response 827(2005)139

8-Hydroxy-2'-deoxyguanosine

Determination of 8-oxoguanine and 8-hydroxy-2'-deoxyguanosine in the rat cerebral cortex using microdialysis sampling and capillary electrophoresis with electrochemical detection 827(2005)16

Determination of urinary 8-hydroxy-2'-deoxyguanosine by two approaches—capillary electrophoresis and GC/MS: An assay for in vivo oxidative DNA damage in cancer patients 827(2005)83

4-Hydroxy-trans-2-nonenal

LC-ESI-MS/MS determination of 4-hydroxy-*trans*-2-nonenal Michael adducts with cysteine and histidine-containing peptides as early markers of oxidative stress in excitable tissues 827(2005)109

Hypochlorous acid

Detection of chlorinated DNA and RNA nucleosides by HPLC coupled to tandem mass spectrometry as potential biomarkers of inflammation 827(2005)26

Immunoaffinity chromatography

A highly efficient preparative-scale generic immunoaffinity chromatography method for the purification of antibodies to hydrophobic haptens: Purification procedure and monitoring tests 827(2005)182

Inherited disorders

Acidified acetonitrile and methanol extractions for quantitative analysis of acylcarnitines in plasma by stable isotope dilution tandem mass spectrometry 827(2005)193

Iodine

Comparison of silver, gold and modified platinum electrodes for the electrochemical detection of iodide in urine samples following ion chromatography 827(2005)224

Ion chromatography

Comparison of silver, gold and modified platinum electrodes for the electrochemical detection of iodide in urine samples following ion chromatography 827(2005)224

Iron

Susceptibility of actin to modification by 4-hydroxy-2-nonenal 827(2005)119

Isometheptene

Metabolism of isometheptene in human urine and analysis by gas chromatography-mass spectrometry in doping control 827(2005)199

Isoprostanes

Porous graphitic carbon chromatography-tandem mass spectrometry for the study of isoprostanes in human cerebrospinal fluid 827(2005)39

Suppression of murine cerebral F_2 -isoprostanes and F_4 -neuroprostanes from excitotoxicity and innate immune response in vivo by α - or γ -tocopherol 827(2005)88

Separation and identification of F_2 -isoprostane regioisomers and diastereomers by novel liquid chromatographic/mass spectrometric methods 827(2005)157

Isotope dilution

Quantification of urinary o, o'-dityrosine, a biomarker for oxidative damage to proteins, by high performance liquid chromatography with triple quadrupole tandem mass spectrometry. A comparison with ion-trap tandem mass spectrometry 827(2005)104

Kidney

Susceptibility of actin to modification by 4-hydroxy-2-nonenal 827(2005)119

LC/MS

Kinetic measurement by LC/MS of γ -glutamylcysteine ligase activity 827(2005)32

LC-ESI-MS/MS

LC-ESI-MS/MS determination of 4-hydroxy-*trans*-2-nonenal Michael adducts with cysteine and histidine-containing peptides as early markers of oxidative stress in excitable tissues 827(2005)109

LC-MS/MS

Verapamil quantification in human plasma by liquid chromatography coupled to tandem mass spectrometry. An application for bioequivalence study 827(2005)165

LC-MS-MS

Determination of cryptotanshinone and its metabolite in rat plasma by liquid chromatography-tandem mass spectrometry 827(2005)205

Lipid peroxidation

Determination of malondialdehyde (MDA) by high-performance liquid chromatography in serum and liver as a biomarker for oxidative stress. Application to a rat model for hypercholesterolemia and evaluation of the effect of diets rich in phenolic antioxidants from fruits 827(2005)76

Ascorbylated 4-hydroxy-2-nonenal as a potential biomarker of oxidative stress response 827(2005)139

Separation and identification of F_2 -isoprostane regioisomers and diastereomers by novel liquid chromatographic/mass spectrometric methods 827(2005)157

Liquid chromatography

Separation and identification of F_2 -isoprostane regioisomers and diastereomers by novel liquid chromatographic/mass spectrometric methods 827(2005)157

Liver

Determination of malondialdehyde (MDA) by high-performance liquid chromatography in serum and liver as a biomarker for oxidative stress. Application to a rat model for hypercholesterolemia and evaluation of the effect of diets rich in phenolic antioxidants from fruits 827(2005)76

Magnesia-zirconia composite

Magnesia–zirconia based mimetic biomembrane chromatography for predicting human drug absorption 827(2005)173

Malondialdehyde

Determination of malondialdehyde (MDA) by high-performance liquid chromatography in serum and liver as a biomarker for oxidative stress. Application to a rat model for hypercholesterolemia and evaluation of the effect of diets rich in phenolic antioxidants from fruits 827(2005)76

Mass spectrometry

Ascorbylated 4-hydroxy-2-nonenal as a potential biomarker of oxidative stress response 827(2005)139

Separation and identification of F_2 -isoprostane regioisomers and diastereomers by novel liquid chromatographic/mass spectrometric methods 827(2005)157

Metabolism

Determination of cryptotanshinone and its metabolite in rat plasma by liquid chromatography-tandem mass spectrometry 827(2005)205

Metoprolol

Verapamil quantification in human plasma by liquid chromatography coupled to tandem mass spectrometry. An application for bioequivalence study 827(2005)165

Michael adducts

LC-ESI-MS/MS determination of 4-hydroxy-*trans*-2-nonenal Michael adducts with cysteine and histidine-containing peptides as early markers of oxidative stress in excitable tissues 827(2005)109

Susceptibility of actin to modification by 4-hydroxy-2-nonenal 827(2005)119

Microdialysis samples

On-column preconcentration of glutathione and glutathione disulfide using pH-mediated base stacking for the analysis of microdialysis samples by capillary electrophoresis 827(2005)51

Microdialysis sampling

Determination of 8-oxoguanine and 8-hydroxy-2'-deoxyguanosine in the rat cerebral cortex using microdialysis sampling and capillary electrophoresis with electrochemical detection 827(2005)16

Mimetic biomembrane stationary phase

Magnesia-zirconia based mimetic biomembrane chromatography for predicting human drug absorption 827(2005)173

Monoclonal antibody

Susceptibility of actin to modification by 4-hydroxy-2-nonenal 827(2005)119

Naphthalene-2,3-dicarboxaldehyde

Assessment of in situ cellular glutathione labeling with naphthalene-2,3-dicarboxaldehyde using high-performance liquid chromatography 827(2005)44

3-NBA

Oxidative stress and DNA damage caused by the urban air pollutant 3-NBA and its isomer 2-NBA in human lung cells analyzed with three independent methods 827(2005)94

Neurodegeneration

Oxidative stress in brain aging, neurodegenerative and vascular diseases: An overview 827(2005)65

Neuroprostane

Suppression of murine cerebral F_2 -isoprostanes and F_4 -neuroprostanes from excitotoxicity and innate immune response in vivo by α - or γ -tocopherol 827(2005)88

3-Nitrotyrosine

Determination of 3-nitrotyrosine in human urine at the basal state by gas chromatography-tandem mass spectrometry and evaluation of the excretion after oral intake 827(2005)146

On capillary sample stacking

Determination of 8-oxoguanine and 8-hydroxy-2'-deoxyguanosine in the rat cerebral cortex using microdialysis sampling and capillary electrophoresis with electrochemical detection 827(2005)16

On-column preconcentration

On-column preconcentration of glutathione and glutathione disulfide using pH-mediated base stacking for the analysis of microdialysis samples by capillary electrophoresis 827(2005)51

Oral drug absorption

Magnesia–zirconia based mimetic biomembrane chromatography for predicting human drug absorption 827(2005)173

Organic acidemia

Acidified acetonitrile and methanol extractions for quantitative analysis of acylcarnitines in plasma by stable isotope dilution tandem mass spectrometry 827(2005)193

Oxidation

Oxidative stress and DNA damage caused by the urban air pollutant 3-NBA and its isomer 2-NBA in human lung cells analyzed with three independent methods 827(2005)94

Oxidative damage

Suppression of murine cerebral F_2 -isoprostanes and F_4 -neuroprostanes from excitotoxicity and innate immune response in vivo by α - or γ -tocopherol 827(2005)88

Oxidative stress

Kinetic measurement by LC/MS of γ -glutamylcysteine ligase activity 827(2005)32

Porous graphitic carbon chromatography-tandem mass spectrometry for the study of isoprostanes in human cerebrospinal fluid 827(2005)39

Oxidative stress and DNA damage caused by the urban air pollutant 3-NBA and its isomer 2-NBA in human lung cells analyzed with three independent methods 827(2005)94

Oxidative stress in brain aging, neurodegenerative and vascular diseases: An overview 827(2005)65

Determination of malondialdehyde (MDA) by high-performance liquid chromatography in serum and liver as a biomarker for oxidative stress. Application to a rat model for hypercholesterolemia and evaluation of the effect of diets rich in phenolic antioxidants from fruits 827(2005)76

Susceptibility of actin to modification by 4-hydroxy-2-nonenal 827(2005)119

Ascorbylated 4-hydroxy-2-nonenal as a potential biomarker of oxidative stress response 827(2005)139

Oxidative stress markers

LC-ESI-MS/MS determination of 4-hydroxy-*trans*-2-nonenal Michael adducts with cysteine and histidine-containing peptides as early markers of oxidative stress in excitable tissues 827(2005)109

8-oxodG

Oxidative stress and DNA damage caused by the urban air pollutant 3-NBA and its isomer 2-NBA in human lung cells analyzed with three independent methods 827(2005)94

8-Oxoguanine

Determination of 8-oxoguanine and 8-hydroxy-2'-deoxyguanosine in the rat cerebral cortex using microdialysis sampling and capillary electrophoresis with electrochemical detection 827(2005)16

Peroxidase activity

A thin layer chromatographic method for determining the enzymatic activity of peroxidases catalyzing the two-electron reduction of lipid hydroperoxides 827(2005)58

Pharmacokinetic

Determination of cryptotanshinone and its metabolite in rat plasma by liquid chromatography-tandem mass spectrometry 827(2005)205

Phenolic compounds

Rapid screening and characterisation of antioxidants of *Cosmos caudatus* using liquid chromatography coupled with mass spectrometry 827(2005)127

pH-mediated stacking

On-column preconcentration of glutathione and glutathione disulfide using pH-mediated base stacking for the analysis of microdialysis samples by capillary electrophoresis 827(2005)51

Phospholipid hydroperoxide

A thin layer chromatographic method for determining the enzymatic activity of peroxidases catalyzing the two-electron reduction of lipid hydroperoxides 827(2005)58

32P-HPLC

Oxidative stress and DNA damage caused by the urban air pollutant 3-NBA and its isomer 2-NBA in human lung cells analyzed with three independent methods 827(2005)94

Plasma

Analysis of creatine, creatinine, creatine- d_3 and creatinine- d_3 in urine, plasma, and red blood cells by HPLC and GC-MS to follow the fate of ingested creatine- d_3 827(2005)210

Polybrominated diphenyl ethers

Optimization of the determination of polybrominated diphenyl ethers in human serum using solid-phase extraction and gas chromatography-electron capture negative ionization mass spectrometry 827(2005)216

Porous graphitic carbon

Porous graphitic carbon chromatography-tandem mass spectrometry for the study of isoprostanes in human cerebrospinal fluid 827(2005)39

Protein modification

Susceptibility of actin to modification by 4-hydroxy-2-nonenal 827(2005)119

Rat skeletal muscle

LC-ESI-MS/MS determination of 4-hydroxy-*trans*-2-nonenal Michael adducts with cysteine and histidine-containing peptides as early markers of oxidative stress in excitable tissues 827(2005)109

Reactive-nitrogen species

Determination of 3-nitrotyrosine in human urine at the basal state by gas chromatography-tandem mass spectrometry and evaluation of the excretion after oral intake 827(2005)146

Red blood cells

Analysis of creatine, creatinine, creatine- d_3 and creatinine- d_3 in urine, plasma, and red blood cells by HPLC and GC-MS to follow the fate of ingested creatine- d_2 827(2005)210

Reduced glutathione

Assessment of in situ cellular glutathione labeling with naphthalene-2,3-dicarboxaldehyde using high-performance liquid chromatography 827(2005)44

RNA damage

Detection of chlorinated DNA and RNA nucleosides by HPLC coupled to tandem mass spectrometry as potential biomarkers of inflammation 827(2005)26

Serum

Determination of malondialdehyde (MDA) by high-performance liquid chromatography in serum and liver as a biomarker for oxidative stress. Application to a rat model for hypercholesterolemia and evaluation of the effect of diets rich in phenolic antioxidants from fruits 827(2005)76

Smoker

Quantification of urinary o,o'-dityrosine, a biomarker for oxidative damage to proteins, by high performance liquid chromatography with triple quadrupole tandem mass spectrometry. A comparison with ion-trap tandem mass spectrometry 827(2005)104

Solid-phase extraction

Optimization of the determination of polybrominated diphenyl ethers in human serum using solid-phase extraction and gas chromatography-electron capture negative ionization mass spectrometry 827(2005)216

Tandem mass spectrometry

Detection of chlorinated DNA and RNA nucleosides by HPLC coupled to tandem mass spectrometry as potential biomarkers of inflammation 827(2005)26

Acidified acetonitrile and methanol extractions for quantitative analysis of acylcarnitines in plasma by stable isotope dilution tandem mass spectrometry 827(2005)193

Tanshinone II A

Determination of cryptotanshinone and its metabolite in rat plasma by liquid chromatography-tandem mass spectrometry 827(2005)205

Thin-layer chromatography

A thin layer chromatographic method for determining the enzymatic activity of peroxidases catalyzing the two-electron reduction of lipid hydroperoxides 827(2005)58

Tocopherol

Suppression of murine cerebral F_2 -isoprostanes and F_4 -neuroprostanes from excitotoxicity and innate immune response in vivo by α - or γ -tocopherol 827(2005)88

Triple quadrupole tandem mass spectrometry

Quantification of urinary o, o'-dityrosine, a biomarker for oxidative damage to proteins, by high performance liquid chromatography with triple quadrupole tandem mass spectrometry. A comparison with ion-trap tandem mass spectrometry 827(2005)104

Ulam raja

Rapid screening and characterisation of antioxidants of *Cosmos caudatus* using liquid chromatography coupled with mass spectrometry 827(2005)127

Urin

Determination of 3-nitrotyrosine in human urine at the basal state by gas chromatography-tandem mass spectrometry and evaluation of the excretion after oral intake 827(2005)146

Analysis of creatine, creatinine, creatine- d_3 and creatinine- d_3 in urine, plasma, and red blood cells by HPLC and GC-MS to follow the fate of ingested creatine- d_3 827(2005)210

Vascular

Oxidative stress in brain aging, neurodegenerative and vascular diseases: An overview 827(2005)65

Verapamil

Verapamil quantification in human plasma by liquid chromatography coupled to tandem mass spectrometry. An application for bioequivalence study 827(2005)165

Vitamin C

Ascorbylated 4-hydroxy-2-nonenal as a potential biomarker of oxidative stress response 827(2005)139

Yeast strain

Assessment of in situ cellular glutathione labeling with naphthalene-2,3-dicarboxaldehyde using high-performance liquid chromatography 827(2005)44