

## Subject index of volume 1095

### Accuracy

Quantification of long chain polyunsaturated fatty acids by gas chromatography.  
Evaluation of factors affecting accuracy 1095(2005)126

### Acetonitrile

The adsorption mechanism of nortryptiline on C<sub>18</sub>-bonded Discovery  
1095(2005)27

### Acetonitrile–water mixture

Simulating phenol high-performance liquid chromatography retention times as  
the pH changes. Mobile phase pH versus buffer pH 1095(2005)68

### Acid-dissociation constant

Simulating phenol high-performance liquid chromatography retention times as  
the pH changes. Mobile phase pH versus buffer pH 1095(2005)68

### Adsorption

Comparative study on the gas-phase adsorption of hexane over zeolites by  
calorimetry and inverse gas chromatography 1095(2005)131

### Adsorption equilibrium

The adsorption mechanism of nortryptiline on C<sub>18</sub>-bonded Discovery  
1095(2005)27

### Adsorption isotherms

Investigation of the adsorption behaviour of a chiral model compound  
on a tartardiamide-based network-polymeric chiral stationary phase  
1095(2005)50

### Affinity energy distribution

The adsorption mechanism of nortryptiline on C<sub>18</sub>-bonded Discovery  
1095(2005)27

### Alanine

Selective determination of  $\gamma$ -aminobutyric acid, glutamate and alanine by  
mixed micellar electrokinetic chromatography and fluorescence detection  
1095(2005)185

### Amines

Efficient enantiomeric analysis of primary amines and amino alcohols by  
high-performance liquid chromatography with precolumn derivatization using  
novel chiral SH-reagent *N*-(*R*)-mandelyl-(*S*)-cysteine 1095(2005)89

### Amino acids

Simple method for the separation and detection of native amino acids and  
the identification of electroactive and non-electroactive analytes  
1095(2005)193

### Amino alcohols

Efficient enantiomeric analysis of primary amines and amino alcohols by  
high-performance liquid chromatography with precolumn derivatization using  
novel chiral SH-reagent *N*-(*R*)-mandelyl-(*S*)-cysteine 1095(2005)89

### Analytical and preparative chromatography

The adsorption mechanism of nortryptiline on C<sub>18</sub>-bonded Discovery  
1095(2005)27

### Apiaceae

Analysis by gas chromatography–mass spectrometry of the essential oils from  
the aerial parts of *Pimpinella anagodendron* Bolle and *Pimpinella rupicola*  
Svent., two endemic species to the Canary Islands, Spain 1095(2005)180

### *ar*-curcumene

Analysis by gas chromatography–mass spectrometry of the essential oils from  
the aerial parts of *Pimpinella anagodendron* Bolle and *Pimpinella rupicola*  
Svent., two endemic species to the Canary Islands, Spain 1095(2005)180

### Aromatics

Comparison of titania, zirconia, and silica stationary phases for separating  
diesel fuels according to hydrocarbon group-type by supercritical fluid  
chromatography 1095(2005)156

### Axial liquid dispersion

Predictive modeling of protein adsorption along the bed height by taking into  
account the axial nonuniform liquid dispersion and particle classification in  
expanded beds 1095(2005)16

### Band broadening

Alternative approaches for the estimation of the band broadening parameters in  
single-detection size exclusion chromatography 1095(2005)102

### $\beta$ -Bisabolene

Analysis by gas chromatography–mass spectrometry of the essential oils from  
the aerial parts of *Pimpinella anagodendron* Bolle and *Pimpinella rupicola*  
Svent., two endemic species to the Canary Islands, Spain 1095(2005)180

### Benzalkonium chloride

Quantitative determination of benzalkonium chloride in treated wood by  
solid-phase extraction followed by liquid chromatography with ultraviolet  
detection 1095(2005)74

### Bis[4-nitro-2-(3,6,9-trioxadecyloxycarbonyl)phenyl] oxalate

High performance liquid chromatography post-column chemiluminescence  
determination of sulfonamide residues in milk at low concentration levels using  
bis[4-nitro-2-(3,6,9-trioxadecyloxycarbonyl)phenyl] oxalate as chemilumines-  
cent reagent 1095(2005)60

### Calorimetry

Comparative study on the gas-phase adsorption of hexane over zeolites by  
calorimetry and inverse gas chromatography 1095(2005)131

### Capillary electrophoresis

A new ionic liquid dimethyldinonylammonium bromide as a flow modifier  
for the simultaneous determination of eight carboxylates by capillary  
electrophoresis 1095(2005)164

**Capillary gas chromatography**

Determination of organophosphorus pesticides in cucumber and potato by stir bar sorptive extraction 1095(2005)1

**CD-MEKC**

Separation of conjugated linoleic acid isomers by cyclodextrin-modified micellar electrokinetic chromatography 1095(2005)197

**CEC**

Migration behavior of weakly retained, charged analytes in voltage-assisted micro-high performance liquid chromatography 1095(2005)172

**Cerium(IV)**

Sensitive determination of phenolic compounds using high-performance liquid chromatography with cerium(IV)-rhodamine 6G-phenolic compound chemiluminescence detection 1095(2005)94

**Characterisation**

Examination of soil contaminated by coal-liquids by size exclusion chromatography in 1-methyl-2-pyrrolidinone solution to evaluate interference from humic and fulvic acids and extracts from peat 1095(2005)81

**Chelating agents**

A new ionic liquid dimethyldinonylammonium bromide as a flow modifier for the simultaneous determination of eight carboxylates by capillary electrophoresis 1095(2005)164

**Chemiluminescence**

High performance liquid chromatography post-column chemiluminescence determination of sulfonamide residues in milk at low concentration levels using bis[4-nitro-2-(3,6,9-trioxadecyloxy carbonyl)phenyl] oxalate as chemiluminescent reagent 1095(2005)60

Sensitive determination of phenolic compounds using high-performance liquid chromatography with cerium(IV)-rhodamine 6G-phenolic compound chemiluminescence detection 1095(2005)94

**Chiral analysis**

Efficient enantiomeric analysis of primary amines and amino alcohols by high-performance liquid chromatography with precolumn derivatization using novel chiral SH-reagent *N*-(*R*)-mandelyl-(*S*)-cysteine 1095(2005)89

**Chiral capacity**

Investigation of the adsorption behaviour of a chiral model compound on a tartardiamide-based network-polymeric chiral stationary phase 1095(2005)50

**Chiral LC**

Investigation of the adsorption behaviour of a chiral model compound on a tartardiamide-based network-polymeric chiral stationary phase 1095(2005)50

**Chiral thiol**

Efficient enantiomeric analysis of primary amines and amino alcohols by high-performance liquid chromatography with precolumn derivatization using novel chiral SH-reagent *N*-(*R*)-mandelyl-(*S*)-cysteine 1095(2005)89

**Chromatographic retention**

Migration behavior of weakly retained, charged analytes in voltage-assisted micro-high performance liquid chromatography 1095(2005)172

**Coal-liquids**

Examination of soil contaminated by coal-liquids by size exclusion chromatography in 1-methyl-2-pyrrolidinone solution to evaluate interference from humic and fulvic acids and extracts from peat 1095(2005)81

**Column heterogeneity**

The adsorption mechanism of nortryptiline on C<sub>18</sub>-bonded Discovery 1095(2005)27

**Computer simulation**

Simulating phenol high-performance liquid chromatography retention times as the pH changes. Mobile phase pH versus buffer pH 1095(2005)68

**Conductivity**

Migration behavior of weakly retained, charged analytes in voltage-assisted micro-high performance liquid chromatography 1095(2005)172

**Conjugated linoleic acid**

Separation of conjugated linoleic acid isomers by cyclodextrin-modified micellar electrokinetic chromatography 1095(2005)197

**Contaminated soil**

Examination of soil contaminated by coal-liquids by size exclusion chromatography in 1-methyl-2-pyrrolidinone solution to evaluate interference from humic and fulvic acids and extracts from peat 1095(2005)81

**Derivatization**

Development of a solid-phase microextraction method for direct determination of pentachlorophenol in paper and board samples: Comparison with conventional extraction method 1095(2005)8

Reply to "Suitability of *N,O*-bis(trimethylsilyl)trifluoroacetamide as derivatization reagent for the determination of the estrogens estrone and 17 $\alpha$ -ethinylestradiol by gas chromatography-mass spectrometry" 1095(2005)203

**Diesel fuel**

Comparison of titania, zirconia, and silica stationary phases for separating diesel fuels according to hydrocarbon group-type by supercritical fluid chromatography 1095(2005)156

**Dimethyldinonylammonium bromide**

A new ionic liquid dimethyldinonylammonium bromide as a flow modifier for the simultaneous determination of eight carboxylates by capillary electrophoresis 1095(2005)164

**Dimethylselenide**

Gas chromatography with atomic emission detection for dimethylselenide and dimethyldiselenide determination in waters and plant materials using a purge-and-trap preconcentration system 1095(2005)138

**Dimethylselenide**

Gas chromatography with atomic emission detection for dimethylselenide and dimethyldiselenide determination in waters and plant materials using a purge-and-trap preconcentration system 1095(2005)138

**Discovery-C<sub>18</sub>**

The adsorption mechanism of nortryptiline on C<sub>18</sub>-bonded Discovery 1095(2005)27

**Electrochromatography**

Migration behavior of weakly retained, charged analytes in voltage-assisted micro-high performance liquid chromatography 1095(2005)172

**Electrophoretic migration**

Migration behavior of weakly retained, charged analytes in voltage-assisted micro-high performance liquid chromatography 1095(2005)172

**Essential oil composition**

Analysis by gas chromatography-mass spectrometry of the essential oils from the aerial parts of *Pimpinella anagadendron* Bolle and *Pimpinella rupicola* Svent., two endemic species to the Canary Islands, Spain 1095(2005)180

**Estrone**

Suitability of *N,O*-bis(trimethylsilyl)trifluoroacetamide as derivatization reagent for the determination of the estrogens estrone and 17  $\alpha$ -ethinylestradiol by gas chromatography-mass spectrometry 1095(2005)201

Reply to "Suitability of *N,O*-bis(trimethylsilyl)trifluoroacetamide as derivatization reagent for the determination of the estrogens estrone and 17 $\alpha$ -ethinylestradiol by gas chromatography-mass spectrometry" 1095(2005)203

#### 17 $\alpha$ -Ethinylestradiol

Suitability of *N,O*-bis(trimethylsilyl)trifluoroacetamide as derivatization reagent for the determination of the estrogens estrone and 17 $\alpha$ -ethinylestradiol by gas chromatography-mass spectrometry 1095(2005)201

Reply to "Suitability of *N,O*-bis(trimethylsilyl)trifluoroacetamide as derivatization reagent for the determination of the estrogens estrone and 17 $\alpha$ -ethinylestradiol by gas chromatography-mass spectrometry" 1095(2005)203

#### Excess isotherm

The adsorption mechanism of nortryptiline on C<sub>18</sub>-bonded Discovery 1095(2005)27

#### Expanded bed adsorption

Predictive modeling of protein adsorption along the bed height by taking into account the axial nonuniform liquid dispersion and particle classification in expanded beds 1095(2005)16

#### Exponentially modified Gauss function

Alternative approaches for the estimation of the band broadening parameters in single-detection size exclusion chromatography 1095(2005)102

#### Fatty acid methyl esters

Quantification of long chain polyunsaturated fatty acids by gas chromatography. Evaluation of factors affecting accuracy 1095(2005)126

#### Fluorinated

Rational method development strategies on a fluorinated liquid chromatography stationary phase: Mobile phase ion concentration and temperature effects on the separation of ephedrine alkaloids 1095(2005)113

#### Frontal analysis

The adsorption mechanism of nortryptiline on C<sub>18</sub>-bonded Discovery 1095(2005)27

#### GABA

Selective determination of  $\gamma$ -aminobutyric acid, glutamate and alanine by mixed micellar electrokinetic chromatography and fluorescence detection 1095(2005)185

#### GABA isomers

Selective determination of  $\gamma$ -aminobutyric acid, glutamate and alanine by mixed micellar electrokinetic chromatography and fluorescence detection 1095(2005)185

#### Gas chromatography

Quantification of long chain polyunsaturated fatty acids by gas chromatography. Evaluation of factors affecting accuracy 1095(2005)126

#### Gas chromatography-atomic emission detection

Gas chromatography with atomic emission detection for dimethylselenide and dimethyldiselenide determination in waters and plant materials using a purge-and-trap preconcentration system 1095(2005)138

#### Gauss distribution

Alternative approaches for the estimation of the band broadening parameters in single-detection size exclusion chromatography 1095(2005)102

#### GC

Reply to "Suitability of *N,O*-bis(trimethylsilyl)trifluoroacetamide as derivatization reagent for the determination of the estrogens estrone and 17 $\alpha$ -ethinylestradiol by gas chromatography-mass spectrometry" 1095(2005)203

#### GC-MS

Suitability of *N,O*-bis(trimethylsilyl)trifluoroacetamide as derivatization reagent for the determination of the estrogens estrone and 17 $\alpha$ -ethinylestradiol by gas chromatography-mass spectrometry 1095(2005)201

#### Glutamate

Selective determination of  $\gamma$ -aminobutyric acid, glutamate and alanine by mixed micellar electrokinetic chromatography and fluorescence detection 1095(2005)185

#### Hepatitis B surface antigen

Ion-exchange chromatography of hepatitis B virus surface antigen from a recombinant Chinese hamster ovary cell line 1095(2005)119

#### High-performance liquid chromatography

Sensitive determination of phenolic compounds using high-performance liquid chromatography with cerium(IV)-rhodamine 6G-phenolic compound chemiluminescence detection 1095(2005)94

#### HPLC

Synthesis and characterization of a novel resorcinarene-based stationary phase bearing polar headgroups for use in reversed-phase high-performance liquid chromatography 1095(2005)40

High performance liquid chromatography post-column chemiluminescence determination of sulfonamide residues in milk at low concentration levels using bis[4-nitro-2-(3,6,9-trioxadecyloxy carbonyl)phenyl] oxalate as chemiluminescent reagent 1095(2005)60

Simulating phenol high-performance liquid chromatography retention times as the pH changes. Mobile phase pH versus buffer pH 1095(2005)68

#### Humic substances

Examination of soil contaminated by coal-liquids by size exclusion chromatography in 1-methyl-2-pyrrolidinone solution to evaluate interference from humic and fulvic acids and extracts from peat 1095(2005)81

#### Indirect amperometric detection

Simple method for the separation and detection of native amino acids and the identification of electroactive and non-electroactive analytes 1095(2005)193

#### Inverse gas chromatography

Comparative study on the gas-phase adsorption of hexane over zeolites by calorimetry and inverse gas chromatography 1095(2005)131

Preferential interactions in pigmented, polymer blends - C.I. Pigment Blue 15:4 and C.I. Pigment Red 122 - as used in a poly(carbonate)-poly(butylene terephthalate) polymer blend 1095(2005)145

#### Ion-exchange

Rational method development strategies on a fluorinated liquid chromatography stationary phase: Mobile phase ion concentration and temperature effects on the separation of ephedrine alkaloids 1095(2005)113

#### Ion-exchange chromatography

Ion-exchange chromatography of hepatitis B virus surface antigen from a recombinant Chinese hamster ovary cell line 1095(2005)119

#### Ionic liquid

A new ionic liquid dimethyldinonylammonium bromide as a flow modifier for the simultaneous determination of eight carboxylates by capillary electrophoresis 1095(2005)164

#### Isomers

Separation of conjugated linoleic acid isomers by cyclodextrin-modified micellar electrokinetic chromatography 1095(2005)197

**Joule heating**

Migration behavior of weakly retained, charged analytes in voltage-assisted micro-high performance liquid chromatography 1095(2005)172

**Kromasil CHI-TBB**

Investigation of the adsorption behaviour of a chiral model compound on a tartardiamide-based network-polymeric chiral stationary phase 1095(2005)50

**Limonene**

Analysis by gas chromatography–mass spectrometry of the essential oils from the aerial parts of *Pimpinella anagodendron* Bolle and *Pimpinella rupicola* Svent., two endemic species to the Canary Islands, Spain 1095(2005)180

**Liquid chromatography**

Rational method development strategies on a fluorinated liquid chromatography stationary phase: Mobile phase ion concentration and temperature effects on the separation of ephedrine alkaloids 1095(2005)113

**Local voidage**

Predictive modeling of protein adsorption along the bed height by taking into account the axial nonuniform liquid dispersion and particle classification in expanded beds 1095(2005)16

**Mass spectrometry**

Rational method development strategies on a fluorinated liquid chromatography stationary phase: Mobile phase ion concentration and temperature effects on the separation of ephedrine alkaloids 1095(2005)113

**Mathematical model**

Predictive modeling of protein adsorption along the bed height by taking into account the axial nonuniform liquid dispersion and particle classification in expanded beds 1095(2005)16

**Micellar electrokinetic chromatography**

Separation and determination of phthalates by micellar electrokinetic chromatography 1095(2005)189

**Micellar electrokinetic chromatography (MEKC)**

Separation of conjugated linoleic acid isomers by cyclodextrin-modified micellar electrokinetic chromatography 1095(2005)197

**Microchip electrophoresis**

Simple method for the separation and detection of native amino acids and the identification of electroactive and non-electroactive analytes 1095(2005)193

**Micro-HPLC**

Migration behavior of weakly retained, charged analytes in voltage-assisted micro-high performance liquid chromatography 1095(2005)172

**Milk**

High performance liquid chromatography post-column chemiluminescence determination of sulfonamide residues in milk at low concentration levels using bis[4-nitro-2-(3,6,9-trioxadecyloxy-carbonyl)phenyl] oxalate as chemiluminescent reagent 1095(2005)60

**Mixed micellar electrokinetic chromatography**

Selective determination of  $\gamma$ -aminobutyric acid, glutamate and alanine by mixed micellar electrokinetic chromatography and fluorescence detection 1095(2005)185

***N,O*-bis(trimethylsilyl)trifluoroacetamide**

Suitability of *N,O*-bis(trimethylsilyl)trifluoroacetamide as derivatization reagent for the determination of the estrogens estrone and 17  $\alpha$ -ethinylestradiol by gas chromatography–mass spectrometry 1095(2005)201

***N,O*-bis(trimethyl)trifluoroacetamide**

Reply to “Suitability of *N,O*-bis(trimethylsilyl)trifluoroacetamide as derivatization reagent for the determination of the estrogens estrone and 17 $\alpha$ -ethinylestradiol by gas chromatography–mass spectrometry” 1095(2005)203

**Nonlinear theory**

Investigation of the adsorption behaviour of a chiral model compound on a tartardiamide-based network-polymeric chiral stationary phase 1095(2005)50

**Nortriptyline**

The adsorption mechanism of nortriptyline on C<sub>18</sub>-bonded Discovery 1095(2005)27

**Omega-3 fatty acids**

Quantification of long chain polyunsaturated fatty acids by gas chromatography. Evaluation of factors affecting accuracy 1095(2005)126

***o*-Phthalaldehyde**

Efficient enantiomeric analysis of primary amines and amino alcohols by high-performance liquid chromatography with precolumn derivatization using novel chiral SH-reagent *N*-(*R*)-mandelyl-(*S*)-cysteine 1095(2005)89

**Optimization**

Quantification of long chain polyunsaturated fatty acids by gas chromatography. Evaluation of factors affecting accuracy 1095(2005)126

**Organophosphorus pesticides**

Determination of organophosphorus pesticides in cucumber and potato by stir bar sorptive extraction 1095(2005)1

**PAH**

Comparison of titania, zirconia, and silica stationary phases for separating diesel fuels according to hydrocarbon group-type by supercritical fluid chromatography 1095(2005)156

**Paper and board analysis**

Development of a solid-phase microextraction method for direct determination of pentachlorophenol in paper and board samples: Comparison with conventional extraction method 1095(2005)8

**Particle size distribution**

Predictive modeling of protein adsorption along the bed height by taking into account the axial nonuniform liquid dispersion and particle classification in expanded beds 1095(2005)16

**Peak tailing**

The adsorption mechanism of nortriptyline on C<sub>18</sub>-bonded Discovery 1095(2005)27

**Pentachlorophenol**

Development of a solid-phase microextraction method for direct determination of pentachlorophenol in paper and board samples: Comparison with conventional extraction method 1095(2005)8

**Pentafluorophenylpropyl**

Rational method development strategies on a fluorinated liquid chromatography stationary phase: Mobile phase ion concentration and temperature effects on the separation of ephedrine alkaloids 1095(2005)113

**Performance–composition relationships**

Preferential interactions in pigmented, polymer blends – C.I. Pigment Blue 15:4 and C.I. Pigment Red 122 – as used in a poly(carbonate)–poly(butylene terephthalate) polymer blend 1095(2005)145

**pH variation**

Simulating phenol high-performance liquid chromatography retention times as the pH changes. Mobile phase pH versus buffer pH 1095(2005)68

**Phenol**

Simulating phenol high-performance liquid chromatography retention times as the pH changes. Mobile phase pH versus buffer pH 1095(2005)68

**Phenolic compound**

Sensitive determination of phenolic compounds using high-performance liquid chromatography with cerium(IV)-rhodamine 6G-phenolic compound chemiluminescence detection 1095(2005)94

**2-Phenylbutyric acid**

Investigation of the adsorption behaviour of a chiral model compound on a tartardiamide-based network-polymeric chiral stationary phase 1095(2005)50

**Phthalate**

Separation and determination of phthalates by micellar electrokinetic chromatography 1095(2005)189

**Physical characterisation**

Preferential interactions in pigmented, polymer blends – C.I. Pigment Blue 15:4 and C.I. Pigment Red 122 – as used in a poly(carbonate)-poly(butylene terephthalate) polymer blend 1095(2005)145

**β-Pinene**

Analysis by gas chromatography-mass spectrometry of the essential oils from the aerial parts of *Pimpinella anagodendron* Bolle and *Pimpinella rupicola* Svent., two endemic species to the Canary Islands, Spain 1095(2005)180

**Pigment interactions**

Preferential interactions in pigmented, polymer blends – C.I. Pigment Blue 15:4 and C.I. Pigment Red 122 – as used in a poly(carbonate)-poly(butylene terephthalate) polymer blend 1095(2005)145

***Pimpinella anagodendron***

Analysis by gas chromatography-mass spectrometry of the essential oils from the aerial parts of *Pimpinella anagodendron* Bolle and *Pimpinella rupicola* Svent., two endemic species to the Canary Islands, Spain 1095(2005)180

***Pimpinella rupicola***

Analysis by gas chromatography-mass spectrometry of the essential oils from the aerial parts of *Pimpinella anagodendron* Bolle and *Pimpinella rupicola* Svent., two endemic species to the Canary Islands, Spain 1095(2005)180

**Plants**

Gas chromatography with atomic emission detection for dimethylselenide and dimethyldiselenide determination in waters and plant materials using a purge-and-trap preconcentration system 1095(2005)138

**Poisson distribution**

Alternative approaches for the estimation of the band broadening parameters in single-detection size exclusion chromatography 1095(2005)102

**Polar headed stationary phase**

Synthesis and characterization of a novel resorcinarene-based stationary phase bearing polar headgroups for use in reversed-phase high-performance liquid chromatography 1095(2005)40

**Poly(ethylene glycol)**

Ion-exchange chromatography of hepatitis B virus surface antigen from a recombinant Chinese hamster ovary cell line 1095(2005)119

**Polymer blends**

Preferential interactions in pigmented, polymer blends – C.I. Pigment Blue 15:4 and C.I. Pigment Red 122 – as used in a poly(carbonate)-poly(butylene terephthalate) polymer blend 1095(2005)145

**Precision**

Quantification of long chain polyunsaturated fatty acids by gas chromatography. Evaluation of factors affecting accuracy 1095(2005)126

**Protein adsorption**

Predictive modeling of protein adsorption along the bed height by taking into account the axial nonuniform liquid dispersion and particle classification in expanded beds 1095(2005)16

**Pseudoisoeugenol esters**

Analysis by gas chromatography-mass spectrometry of the essential oils from the aerial parts of *Pimpinella anagodendron* Bolle and *Pimpinella rupicola* Svent., two endemic species to the Canary Islands, Spain 1095(2005)180

**Purge-and-trap**

Gas chromatography with atomic emission detection for dimethylselenide and dimethyldiselenide determination in waters and plant materials using a purge-and-trap preconcentration system 1095(2005)138

**Resorcinarene**

Synthesis and characterization of a novel resorcinarene-based stationary phase bearing polar headgroups for use in reversed-phase high-performance liquid chromatography 1095(2005)40

**Retention behaviour**

Ion-exchange chromatography of hepatitis B virus surface antigen from a recombinant Chinese hamster ovary cell line 1095(2005)119

**Retention mechanism**

The adsorption mechanism of nortryptiline on C<sub>18</sub>-bonded Discovery 1095(2005)27

Rational method development strategies on a fluorinated liquid chromatography stationary phase: Mobile phase ion concentration and temperature effects on the separation of ephedrine alkaloids 1095(2005)113

**Reversed phase**

Synthesis and characterization of a novel resorcinarene-based stationary phase bearing polar headgroups for use in reversed-phase high-performance liquid chromatography 1095(2005)40

**Rhodamine 6G**

Sensitive determination of phenolic compounds using high-performance liquid chromatography with cerium(IV)-rhodamine 6G-phenolic compound chemiluminescence detection 1095(2005)94

**Saturates**

Comparison of titania, zirconia, and silica stationary phases for separating diesel fuels according to hydrocarbon group-type by supercritical fluid chromatography 1095(2005)156

**Silica**

The adsorption mechanism of nortryptiline on C<sub>18</sub>-bonded Discovery 1095(2005)27

Comparison of titania, zirconia, and silica stationary phases for separating diesel fuels according to hydrocarbon group-type by supercritical fluid chromatography 1095(2005)156

**Silylation**

Suitability of *N,O*-bis(trimethylsilyl)trifluoroacetamide as derivatization reagent for the determination of the estrogens estrone and 17 $\alpha$ -ethinylestradiol by gas chromatography-mass spectrometry 1095(2005)201

Reply to "Suitability of *N,O*-bis(trimethylsilyl)trifluoroacetamide as derivatization reagent for the determination of the estrogens estrone and 17 $\alpha$ -ethinylestradiol by gas chromatography-mass spectrometry" 1095(2005)203

**Size exclusion chromatography**

Examination of soil contaminated by coal-liquids by size exclusion chromatography in 1-methyl-2-pyrrolidinone solution to evaluate interference from humic and fulvic acids and extracts from peat 1095(2005)81

**Sodium cholate**

Separation and determination of phthalates by micellar electrokinetic chromatography 1095(2005)189

**Soil**

Separation and determination of phthalates by micellar electrokinetic chromatography 1095(2005)189

**Solid-phase extraction**

Quantitative determination of benzalkonium chloride in treated wood by solid-phase extraction followed by liquid chromatography with ultraviolet detection 1095(2005)74

**Solid-phase microextraction**

Development of a solid-phase microextraction method for direct determination of pentachlorophenol in paper and board samples: Comparison with conventional extraction method 1095(2005)8

**Standard addition**

Development of a solid-phase microextraction method for direct determination of pentachlorophenol in paper and board samples: Comparison with conventional extraction method 1095(2005)8

**Stationary phase**

Rational method development strategies on a fluorinated liquid chromatography stationary phase: Mobile phase ion concentration and temperature effects on the separation of ephedrine alkaloids 1095(2005)113

**Stir bar sorptive extraction**

Determination of organophosphorus pesticides in cucumber and potato by stir bar sorptive extraction 1095(2005)1

**Sulfonamides**

High performance liquid chromatography post-column chemiluminescence determination of sulfonamide residues in milk at low concentration levels using bis[4-nitro-2-(3,6,9-trioxadecyloxy carbonyl)phenyl] oxalate as chemiluminescent reagent 1095(2005)60

**Supercritical fluid chromatography**

Comparison of titania, zirconia, and silica stationary phases for separating diesel fuels according to hydrocarbon group-type by supercritical fluid chromatography 1095(2005)156

**Temperature**

Rational method development strategies on a fluorinated liquid chromatography stationary phase: Mobile phase ion concentration and temperature effects on the separation of ephedrine alkaloids 1095(2005)113

**Thermal desorption**

Determination of organophosphorus pesticides in cucumber and potato by stir bar sorptive extraction 1095(2005)1

**Thermionic specific detection**

Determination of organophosphorus pesticides in cucumber and potato by stir bar sorptive extraction 1095(2005)1

**Titania**

Comparison of titania, zirconia, and silica stationary phases for separating diesel fuels according to hydrocarbon group-type by supercritical fluid chromatography 1095(2005)156

**TTAB**

A new ionic liquid dimethyldinonylammonium bromide as a flow modifier for the simultaneous determination of eight carboxylates by capillary electrophoresis 1095(2005)164

**Voltage assisted**

Migration behavior of weakly retained, charged analytes in voltage-assisted micro-high performance liquid chromatography 1095(2005)172

**Waters**

Gas chromatography with atomic emission detection for dimethylselenide and dimethyldiselenide determination in waters and plant materials using a purge-and-trap preconcentration system 1095(2005)138

**Wine**

Sensitive determination of phenolic compounds using high-performance liquid chromatography with cerium(IV)-rhodamine 6G-phenolic compound chemiluminescence detection 1095(2005)94

**Wood preservation**

Quantitative determination of benzalkonium chloride in treated wood by solid-phase extraction followed by liquid chromatography with ultraviolet detection 1095(2005)74

**Zeolites**

Comparative study on the gas-phase adsorption of hexane over zeolites by calorimetry and inverse gas chromatography 1095(2005)131

 **$\alpha$ -Zingiberene**

Analysis by gas chromatography-mass spectrometry of the essential oils from the aerial parts of *Pimpinella anagodendron* Bolle and *Pimpinella rupicola* Svent., two endemic species to the Canary Islands, Spain 1095(2005)180

**Zirconia**

Comparison of titania, zirconia, and silica stationary phases for separating diesel fuels according to hydrocarbon group-type by supercritical fluid chromatography 1095(2005)156