

## Subject Index Vol. 982

### Acid–base equilibria

Influence of mobile phase acid–base equilibria on the chromatographic behaviour of protolytic compounds (Review) 982(2002)1

### Adsorption isotherms

Surface area determination of a polystyrene–divinylbenzene chromatographic packing material via ionic amphiphile adsorption from aqueous mobile phases and application of Gouy–Chapman theory 982(2002)49

### Affinity capillary electrophoresis

Investigations of cyclophilin interactions with oligopeptides containing proline by affinity capillary electrophoresis 982(2002)275

Interaction between netropsin and double-stranded DNA in capillary zone electrophoresis and affinity capillary electrophoresis 982(2002)285

### Air analysis

Determination of maleic anhydride in occupational atmospheres 982(2002)261

### Alkenes

Application of inverse gas chromatography to the examination of annealing processes of semi-synthetic base oils 982(2002)245

### Amino acids

Direct determination of free amino acids and sugars in green tea by anion-exchange chromatography with integrated pulsed amperometric detection 982(2002)237

### Beta-blockers

Erratum to “Effect of the counter-anion type and concentration on the liquid chromatography retention of  $\beta$ -blockers” [J. Chromatogr. A, 964 (2002) 179–187] 982(2002)313

### Biotic matrices

Determination of nitrated polycyclic aromatic hydrocarbons and their precursors in biotic matrices 982(2002)127

### Bradykinin

Investigations of cyclophilin interactions with oligopeptides containing proline by affinity capillary electrophoresis 982(2002)275

### Breakthrough

Breakthrough of polymers in interactive liquid chromatography 982(2002)55

### Capillary columns

Capillary electrochromatographic separation of non-steroidal anti-inflammatory drugs with a histidine bonded phase 982(2002)293

Gas chromatography for in situ analysis of a cometary nucleus. IV. Study of capillary column robustness for space application 982(2002)303

### Cappuccino

Investigations of cyclophilin interactions with oligopeptides containing proline by affinity capillary electrophoresis 982(2002)275

### Capsid

Mapping of protein:protein contact surfaces by hydrogen/deuterium exchange, followed by on-line high-performance liquid chromatography–electrospray ionization fourier-transform ion-cyclotron-resonance mass analysis 982(2002)85

### Carbohydrates

Direct determination of free amino acids and sugars in green tea by anion-exchange chromatography with integrated pulsed amperometric detection 982(2002)237

### Catechins

Purification of long-chain fatty acid ester of epigallocatechin-3-*O*-gallate by high-speed counter-current chromatography 982(2002)161

### Cation-exchangers

Co-eluent effect in partition chromatography. Rhamnose–xylose separation with strong and weak cation-exchangers in aqueous ethanol 982(2002)69

**Chiral stationary phases, GC**

Copolymeric (1*R*-*trans*)-*N,N'*-1,2-cyclohexylene-bisbenzamide oligodimethylsiloxane chiral stationary phase for gas chromatography 982(2002)119

**Copolymeric structure**

Copolymeric (1*R*-*trans*)-*N,N'*-1,2-cyclohexylene-bisbenzamide oligodimethylsiloxane chiral stationary phase for gas chromatography 982(2002)119

**Counter-current chromatography**

Purification of long-chain fatty acid ester of epigallocatechin-3-*O*-gallate by high-speed counter-current chromatography 982(2002)161

**Cyclopentanediones**

Improvement in the detection of impurities affecting ethylene glycol UV transmittance by gas chromatography–mass spectrometry 982(2002)255

**Cyclophilins**

Investigations of cyclophilin interactions with oligopeptides containing proline by affinity capillary electrophoresis 982(2002)275

**Derivatization, LC**

Development of hydrophilic fluorogenic derivatization reagents for thiols: 4-(*N*-acetylaminosulfonyl)-7-fluoro-2,1,3-benzoxadiazole and 4-(*N*-trichloroacetylaminosulfonyl)-7-fluoro-2,1,3-benzoxadiazole 982(2002)111

**DNA**

Interaction between netropsin and double-stranded DNA in capillary zone electrophoresis and affinity capillary electrophoresis 982(2002)285

***Drosophila melanogaster***

Investigations of cyclophilin interactions with oligopeptides containing proline by affinity capillary electrophoresis 982(2002)275

**Electrochromatography**

Capillary electrochromatographic separation of non-steroidal anti-inflammatory drugs with a histidine bonded phase 982(2002)293

**Electroosmotic flow**

Simultaneous separation of 11 protease and reverse transcriptase inhibitors for human immunodeficiency virus therapy by co-electroosmotic capillary zone electrophoresis 982(2002)153

**Enantiomer separation**

Copolymeric (1*R*-*trans*)-*N,N'*-1,2-cyclohexylene-bisbenzamide oligodimethylsiloxane chiral stationary phase for gas chromatography 982(2002)119

**Environmental analysis**

Screening method for polycyclic aromatic hydrocarbons in soil using hollow fiber membrane solvent microextraction 982(2002)201

Determination of maleic anhydride in occupational atmospheres 982(2002)261

**Enzyme inhibitors**

Simultaneous separation of 11 protease and reverse transcriptase inhibitors for human immunodeficiency virus therapy by co-electroosmotic capillary zone electrophoresis 982(2002)153

**Epigallocatechin-3-*O*-gallate**

Purification of long-chain fatty acid ester of epigallocatechin-3-*O*-gallate by high-speed counter-current chromatography 982(2002)161

**Epigallocatechin-3-*O*-gallate-4'-hexadecanate**

Purification of long-chain fatty acid ester of epigallocatechin-3-*O*-gallate by high-speed counter-current chromatography 982(2002)161

**Ethanol**

Co-eluent effect in partition chromatography. Rhamnose–xylose separation with strong and weak cation-exchangers in aqueous ethanol 982(2002)69

**Ethylene glycol**

Improvement in the detection of impurities affecting ethylene glycol UV transmittance by gas chromatography–mass spectrometry 982(2002)255

**Extraction methods**

Screening method for polycyclic aromatic hydrocarbons in soil using hollow fiber membrane solvent microextraction 982(2002)201

Simple method for the determination of trace levels of pesticides in honeybees using matrix solid-phase dispersion and gas chromatography 982(2002)267

**Fatty acids**

Purification of long-chain fatty acid ester of epigallocatechin-3-*O*-gallate by high-speed counter-current chromatography 982(2002)161

**Fish**

Determination of quinolones and fluoroquinolones in fish tissue and seafood by high-performance liquid chromatography with electrospray ionisation tandem mass spectrometric detection 982(2002)97

**Fluoroquinolones**

Determination of quinolones and fluoroquinolones in fish tissue and seafood by high-performance liquid chromatography with electrospray ionisation tandem mass spectrometric detection 982(2002)97

**Food analysis**

Determination of quinolones and fluoroquinolones in fish tissue and seafood by high-performance liquid chromatography with electrospray ionisation tandem mass spectrometric detection 982(2002)97

Multi-residue method for rapid screening and confirmation of pesticides in crude extracts of fruits and vegetables using isocratic liquid chromatography with electrospray tandem mass spectrometry 982(2002)225

Direct determination of free amino acids and sugars in green tea by anion-exchange chromatography with integrated pulsed amperometric detection 982(2002)237

### **Fruits**

Multi-residue method for rapid screening and confirmation of pesticides in crude extracts of fruits and vegetables using isocratic liquid chromatography with electrospray tandem mass spectrometry 982(2002)225

### **Hollow fiber membrane**

Screening method for polycyclic aromatic hydrocarbons in soil using hollow fiber membrane solvent microextraction 982(2002)201

### **Honeybees**

Simple method for the determination of trace levels of pesticides in honeybees using matrix solid-phase dispersion and gas chromatography 982(2002)267

### **Human immunodeficiency virus**

Mapping of protein:protein contact surfaces by hydrogen/deuterium exchange, followed by on-line high-performance liquid chromatography–electrospray ionization fourier-transform ion-cyclotron-resonance mass analysis 982(2002)85

Simultaneous separation of 11 protease and reverse transcriptase inhibitors for human immunodeficiency virus therapy by co-electroosmotic capillary zone electrophoresis 982(2002)153

### **Hydrogen–deuterium exchange**

Mapping of protein:protein contact surfaces by hydrogen/deuterium exchange, followed by on-line high-performance liquid chromatography–electrospray ionization fourier-transform ion-cyclotron-resonance mass analysis 982(2002)85

### **Injection methods**

Sensitive and accurate quantitation of monoepoxy fatty acids in thermoxidized oils by gas–liquid chromatography 982(2002)145

### **Internal standard**

Prediction of internal standards in reversed-phase liquid chromatography. III. Evaluation of an alternative solvation parameter model to correlate and predict the retention of ionizable compounds 982(2002)209

### **Inverse gas chromatography**

Application of inverse gas chromatography to the examination of annealing processes of semi-synthetic base oils 982(2002)245

### **Ion cyclotron resonance**

Mapping of protein:protein contact surfaces by hydrogen/deuterium exchange, followed by on-line high-performance liquid chromatography–electrospray ionization fourier-transform ion-cyclotron-resonance mass analysis 982(2002)85

### **Lavandula**

Comparison of different extraction methods for the analysis of fragrances from Lavandula species by gas chromatography–mass spectrometry 982(2002)31

### **Linalool**

Comparison of different extraction methods for the analysis of fragrances from Lavandula species by gas chromatography–mass spectrometry 982(2002)31

### **Linalyl acetate**

Comparison of different extraction methods for the analysis of fragrances from Lavandula species by gas chromatography–mass spectrometry 982(2002)31

### **Linear solvation energy relationships**

Prediction of internal standards in reversed-phase liquid chromatography. III. Evaluation of an alternative solvation parameter model to correlate and predict the retention of ionizable compounds 982(2002)209

### **Maleic anhydride**

Determination of maleic anhydride in occupational atmospheres 982(2002)261

### **Mass spectrometry**

Mapping of protein:protein contact surfaces by hydrogen/deuterium exchange, followed by on-line high-performance liquid chromatography–electrospray ionization fourier-transform ion-cyclotron-resonance mass analysis 982(2002)85

### **Matrix solid-phase dispersion**

Simple method for the determination of trace levels of pesticides in honeybees using matrix solid-phase dispersion and gas chromatography 982(2002)267

### **Mobile phase composition**

Influence of mobile phase acid–base equilibria on the chromatographic behaviour of protolytic compounds (Review) 982(2002)1

Co-eluent effect in partition chromatography. Rhamnose–xylose separation with strong and weak cation-exchangers in aqueous ethanol 982(2002)69

### **Monoepoxy fatty acids**

Sensitive and accurate quantitation of monoepoxy fatty acids in thermoxidized oils by gas–liquid chromatography 982(2002)145

### **Netropsin**

Interaction between netropsin and double-stranded DNA in capillary zone electrophoresis and affinity capillary electrophoresis 982(2002)285

**Non-steroidal anti-inflammatory drugs**

Capillary electrochromatographic separation of non-steroidal anti-inflammatory drugs with a histidine bonded phase 982(2002)293

**Oils**

Sensitive and accurate quantitation of monoepoxy fatty acids in thermoxidized oils by gas-liquid chromatography 982(2002)145

Application of inverse gas chromatography to the examination of annealing processes of semi-synthetic base oils 982(2002)245

**Organic acids**

Determination of maleic anhydride in occupational atmospheres 982(2002)261

**Peptides**

Investigations of cyclophilin interactions with oligopeptides containing proline by affinity capillary electrophoresis 982(2002)275

**Pesticides**

Multi-residue method for rapid screening and confirmation of pesticides in crude extracts of fruits and vegetables using isocratic liquid chromatography with electrospray tandem mass spectrometry 982(2002)225

Simple method for the determination of trace levels of pesticides in honeybees using matrix solid-phase dispersion and gas chromatography 982(2002)267

**pH**

Influence of mobile phase acid-base equilibria on the chromatographic behaviour of protolytic compounds (Review) 982(2002)1

**Pharmaceutical analysis**

Erratum to "Effect of the counter-anion type and concentration on the liquid chromatography retention of  $\beta$ -blockers" [J. Chromatogr. A, 964 (2002) 179-187] 982(2002)313

**Poly(methyl methacrylate)**

Breakthrough of polymers in interactive liquid chromatography 982(2002)55

**Polynuclear aromatic hydrocarbons**

Determination of nitrated polycyclic aromatic hydrocarbons and their precursors in biotic matrices 982(2002)127

Screening method for polycyclic aromatic hydrocarbons in soil using hollow fiber membrane solvent microextraction 982(2002)201

**Polystyrene**

Breakthrough of polymers in interactive liquid chromatography 982(2002)55

**Polystyrene-divinylbenzene**

Surface area determination of a polystyrene-divinylbenzene chromatographic packing material via ionic amphiphile adsorption from aqueous mobile phases and application of Gouy-Chapman theory 982(2002)49

**Proteins**

Mapping of protein:protein contact surfaces by hydrogen/deuterium exchange, followed by on-line high-performance liquid chromatography-electrospray ionization fourier-transform ion-cyclotron-resonance mass analysis 982(2002)85

Investigations of cyclophilin interactions with oligopeptides containing proline by affinity capillary electrophoresis 982(2002)275

**Protolytic compounds**

Influence of mobile phase acid-base equilibria on the chromatographic behaviour of protolytic compounds (Review) 982(2002)1

**Quinolones**

Determination of quinolones and fluoroquinolones in fish tissue and seafood by high-performance liquid chromatography with electrospray ionisation tandem mass spectrometric detection 982(2002)97

**Reduced pressure steam distillation**

Comparison of different extraction methods for the analysis of fragrances from *Lavandula* species by gas chromatography-mass spectrometry 982(2002)31

**Retention prediction**

Prediction of internal standards in reversed-phase liquid chromatography. III. Evaluation of an alternative solvation parameter model to correlate and predict the retention of ionizable compounds 982(2002)209

**Reviews**

Influence of mobile phase acid-base equilibria on the chromatographic behaviour of protolytic compounds (Review) 982(2002)1

Analytical separation techniques for the determination of chemical warfare agents (Review) 982(2002)177

**Rhamnose**

Co-eluent effect in partition chromatography. Rhamnose-xylose separation with strong and weak cation-exchangers in aqueous ethanol 982(2002)69

**Robustness**

Gas chromatography for in situ analysis of a cometary nucleus. IV. Study of capillary column robustness for space application 982(2002)303

**Simultaneous steam distillation-solvent extraction**

Comparison of different extraction methods for the analysis of fragrances from *Lavandula* species by gas chromatography-mass spectrometry 982(2002)31

**Soil**

Screening method for polycyclic aromatic hydrocarbons in soil using hollow fiber membrane solvent microextraction 982(2002)201

**Solid-phase microextraction**

Comparison of different extraction methods for the analysis of fragrances from *Lavandula* species by gas chromatography–mass spectrometry 982(2002)31

**Solid-phase trapping solvent extraction**

Comparison of different extraction methods for the analysis of fragrances from *Lavandula* species by gas chromatography–mass spectrometry 982(2002)31

**Solvation**

Erratum to “Effect of the counter-anion type and concentration on the liquid chromatography retention of  $\beta$ -blockers” [J. Chromatogr. A, 964 (2002) 179–187] 982(2002)313

**Solvation parameter model**

Prediction of internal standards in reversed-phase liquid chromatography. III. Evaluation of an alternative solvation parameter model to correlate and predict the retention of ionizable compounds 982(2002)209

**Solvent microextraction**

Screening method for polycyclic aromatic hydrocarbons in soil using hollow fiber membrane solvent microextraction 982(2002)201

**Solvent-plug peak**

Breakthrough of polymers in interactive liquid chromatography 982(2002)55

**Stationary phase, electrochromatography**

Capillary electrochromatographic separation of non-steroidal anti-inflammatory drugs with a histidine bonded phase 982(2002)293

**Stationary phase, GC**

Gas chromatography for in situ analysis of a cometary nucleus. IV. Study of capillary column robustness for space application 982(2002)303

**Stationary phases, LC**

Surface area determination of a polystyrene–divinylbenzene chromatographic packing material via ionic amphiphile adsorption from aqueous mobile phases and application of Gouy–Chapman theory 982(2002)49

**Surface area determination**

Surface area determination of a polystyrene–divinylbenzene chromatographic packing material via ionic amphiphile adsorption from aqueous mobile phases and application of Gouy–Chapman theory 982(2002)49

**Tea**

Direct determination of free amino acids and sugars in green tea by anion-exchange chromatography with integrated pulsed amperometric detection 982(2002)237

**Thermoxidation**

Sensitive and accurate quantitation of monoepoxy fatty acids in thermoxidized oils by gas–liquid chromatography 982(2002)145

**Thiols**

Development of hydrophilic fluorogenic derivatization reagents for thiols: 4-(*N*-acetylaminosulfonyl)-7-fluoro-2,1,3-benzoxadiazole and 4-(*N*-trichloroacetylaminosulfonyl)-7-fluoro-2,1,3-benzoxadiazole 982(2002)111

**trans-Cyclohexylenebisbenzamide**

Copolymeric (*1R-trans*)-*N,N'*-1,2-cyclohexylene-bisbenzamide oligodimethylsiloxane chiral stationary phase for gas chromatography 982(2002)119

**Vegetables**

Multi-residue method for rapid screening and confirmation of pesticides in crude extracts of fruits and vegetables using isotropic liquid chromatography with electrospray tandem mass spectrometry 982(2002)225

**Viruses**

Mapping of protein:protein contact surfaces by hydrogen/deuterium exchange, followed by on-line high-performance liquid chromatography–electrospray ionization fourier-transform ion-cyclotron-resonance mass analysis 982(2002)85

**Warfare agents**

Analytical separation techniques for the determination of chemical warfare agents (Review) 982(2002)177

**Xylose**

Co-eluent effect in partition chromatography. Rhamnose–xylose separation with strong and weak cation-exchangers in aqueous ethanol 982(2002)69