

Contents

Vol. 66, 2007, October (No. 7/8)

Originals

Column Liquid Chromatography

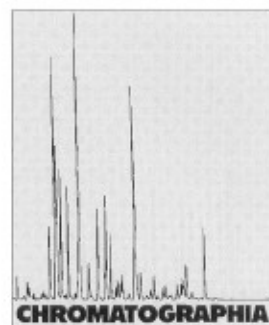
- Comparison of the Separation Characteristics of the Organic-Inorganic Hybrid Octadecyl Stationary Phases XTerra MS C₁₈ and XBridge C₁₈ and Shield RP₁₈ in RPLC 453
W. Kiridena, C. F. Poole, S. N. Atapattu, Jing Qian, W. W. Koziol
- LC and LC-MS Separation of Peptides on Macrocyclic Glycopeptide Stationary Phases: Diastereomeric Series and Large Peptides 461
R. J. Soukup-Hein, J. Schneiderheinze, P. Mehelic, D. W. Armstrong
- 2D LC Separation and Determination of Bradykinin in Rat Muscle Tissue Dialysate with On-Line SPE-HILIC-SPE-RP-MS 469
S. R. Wilson, M. Jankowski, M. Pepaj, A. Mihailova, F. Boix, G. Vivo Truyols, E. Lundanes, T. Greibrokk
- LC-ESI-MS Determination of Roxithromycin in Tissues of Beagle Dogs after Multiple Dosing of Roxithromycin Sustained Release Tablets 475
Weibin Zha, Jianguo Sun, Guangji Wang, Hongcan Ren, Xiaoling Hu, Qing Huang, Jiye A
- Development and Validation of LC-MS Method for the Determination of Hydroxyzine Hydrochloride in Human Plasma and Subsequent Application in a Bioequivalence Study 481
Neng Zhou, Yi-Zeng Liang, Ben-Mei Chen, Ping Wang, Xian Chen, Feng-Ping Liu
- HPLC Determination of Lovastatin in Rat Tissue 487
Zhifei Zhang, Zhaoyong Yang
- HPLC Determination of DCJW in Rat Plasma and Its Application to Pharmacokinetics Studies 493
Huiping Zhang, Yan Wang, Renfeng Wang
- A Stability-Indicating LC Method for Candesartan Cilexetil 499
D. V. Subba Rao, P. Radhakrishnanand, M. V. Suryanarayana, V. Himabindu
- Quality Assessment of Cardiogenic Pills by HPLC Fingerprinting 509
Dong-Feng Yang, Zong-Suo Liang, Qi-Mei Duan, Yue-Jin Zhang
- Simultaneous Determination of Phytohormones in Plant Extracts using SPME and HPLC 515
Hong-Tao Liu, Yan-Fen Li, Tian-Gang Luan, Chong-Yu Lan, Wen-Sheng Shu
- Protein, Oil, and Isoflavone Contents in Lipoxygenase- and Kunitz Trypsin Inhibitor-Deficient Soybean Seeds 521
M. I. P. Oliveira, N. D. Piovesan, I. C. José, E. G. Barros, M. A. Moreira, L. O. Oliveira
- Quantification of *cis*-Abienol in Oriental Tobacco Leaves by LC 529
Li Ding, Fuwei Xie, Mingyue Zhao, Jianping Xie, Guowang Xu
- Simple and Rapid Determination of Benzoylphenylurea Pesticides in River Water and Vegetables by LC-ESI-MS 533
D. Barranco Martínez, M. Martínez Galera, P. Parrilla Vázquez, M. D. Gil García
- Analysis of Follicle-Stimulating Hormone by CE with Chemiluminescence Detection Based on Competitive Immunoassay 539
Yingxue Zhang, Zhujun Zhang, Feng Yang
- Modeling Quantitative Structure Property Relationships with a Semi-Empirical Topological Descriptor and Path Numbers 545
Congyi Zhou, Changming Nie
- Use of Experimental Design to Develop a Method for Analysis of 1,3-Dichloropropene Isomers in Water by HS-SPME and GC-ECD 555
A. Antelo, M. Lasa, E. Millán
- A Comparative Analytical Study of Two New Liquid Crystals Used as Stationary Phases in GC 565
M. Benalia, A. Y. Badjah-Hadj-Ahmed, M. Djedid, B. Y. Meklati, A. H. Al-Dujaili, F. Ferkous
- Optimization of a New Extraction Technique for Analysis of Verbenone and *cis*-Verbenol in Pine Seeds 571
A. Liazid, G. F. Barbero, M. Palma, J. Brigui, C. G. Barroso

Electrophoresis

Gas Chromatography

Contents

Vol. 66, 2007, October (No. 7/8)



Full Short Communications

Column Liquid Chromatography

- Determination of Cryptotanshinone, a Major Active Component in *Salvia miltiorrhiza*, in Caco-2 Monolayers by HPLC with UV Detection
Su Guan, Hui-Chang Bi, Ying Pan, Xiao Chen, Zhi-Wei Zhou, Charlie Changli Xue, Chun-Guang Li, Min Huang, Shu-Feng Zhou 577
- A Validated Chiral LC Method for the Enantiomeric Separation of Repaglinide on Amylose Based Stationary Phase
V. P. Rane, D. B. Shinde 583
- Simultaneous Determination of Rosiglitazone and Metformin in Pharmaceutical Preparations by LC
C. Yardımcı, N. Özalın 589
- A Validated Stability Indicating RP-LC Method for Nitazoxanide, a New Antiparasitic Compound
A. S. Jadhav, D. B. Pathare, M. S. Shingare 595

Electrophoresis

- Determination of Enantiomeric Excess of Aromatic 1,2-Diols with HP- β -Cyclodextrin as Chiral Selector by CE
Y. Zhao, X. B. Yang, Q. F. Wang, X. L. Sun, R. Jiang, S. Y. Zhang 601

Gas Chromatography

- Study of Anion Effects on Separation Phenomenon for the Vinyloctylimidazolium Based Ionic Liquid Polymer Stationary Phases in GC
Yu-Nung Hsieh, Wen-Yueh Ho, Richard S. Horng, Ping-Chih Huang, Ching-Yun Hsu, Hong-Hsin Huang, Chun-Hsiung Kuei 607
- Directly Suspended Droplet Microextraction and Analysis of Amitriptyline and Nortriptyline by GC
A. Sarafraz-Yazdi, S. Raouf-Yazdinejad, Z. Es'haghi 613
- A Rapid Method for the Determination of Organochlorine, Pyrethroid Pesticides and Polychlorobiphenyls in Fatty Foods Using GC with Electron Capture Detection
Z. Cencić Kodba, D. Brodnjak Vončina 619
- Determination of Organophosphorus Pesticides in Soybean Oil, Peanut Oil and Sesame Oil by Low-Temperature Extraction and GC-FPD
Li Li, Zhiqiang Zhou, Canping Pan, Chuanfan Qian, Shuren Jiang, Fengmao Liu 625
- Determination of Heraclenin and Heraclenol in *Heracleum candicans* D.C. by TLC
S. Rastogi, M. M. Pandey, A. K. S. Rawat 631

Thin Layer Chromatography

Limited Short Communications

Column Liquid Chromatography

- Simultaneous Determination of Quercetin and Luteolin in Dried Flowers by Multivariate HPLC-ECD Calibration
Yuan-Zhen Zhou, Xiao-Xing Liu, Xiao-Hui Zheng, Jian-Bin Zheng 635
- RP-LC Determination of the *cis*-Isomer of Glimepiride in a Bulk Drug Substance
D. B. Pathare, A. S. Jadhav, M. S. Shingare 639

Book Reviews

Calendar of Events

Instructions to Authors

643

A7

A9

Purchasing Information. Einkaufsnachweis

Chromatographs Liquid

Chromatography, HPLC-Systems

Detectors for Liquid

Wissenschaftlicher Gerätebau

Dr.-Ing. H. Knauer GmbH

Hegauer Weg 38

D-14163 Berlin

Tel. 030 / 809 727-0

Fax 030 / 801 50 10