



ELSEVIER

Available online at www.sciencedirect.com

SCIENCE @ DIRECT®

Journal of Chromatography A, 985 (2003) 541–544

JOURNAL OF
CHROMATOGRAPHY Awww.elsevier.com/locate/chroma

Author Index Vol. 985

- Accorsi, A., Valenti, S., Barbieri, A., Raffi, G.B. and Violante, F.S.
Enflurane as an internal standard in monitoring halogenated volatile anaesthetics by headspace gas chromatography–mass spectrometry 985(2003)259
- Almeida, P.J., see Santos, J.R. 985(2003)395
- Alves, G.L. and Franco, M.R.B.
Headspace gas chromatography–mass spectrometry of volatile compounds in murici (*Byrsonima crassifolia* L. Rich) 985(2003)297
- Baldissarelli, V.Z., see Schneider, R.C.S. 985(2003)313
- Barbieri, A., see Accorsi, A. 985(2003)259
- Barbosa, J., see Sanz-Nebot, V. 985(2003)411
- Barreiro, E.J., see Da Conceição K.V. Ramos, M. 985(2003)321
- Barros, A.A., see Santos, J.R. 985(2003)395
- Bastos Caramão, E., see Sanches Filho, P.J. 985(2003)503
- Benavente, F., see Sanz-Nebot, V. 985(2003)411
- Bendini, A., Bonoli, M., Cerretani, L., Biguzzi, B., Lercker, G. and Gallina Toschi, T.
Liquid–liquid and solid-phase extractions of phenols from virgin olive oil and their separation by chromatographic and electrophoretic methods 985(2003)425
- Berezkin, V.G., Makarov, E.D. and Stolyarov, B.V.
Needle-type concentrator and its application to the determination of pollutants 985(2003)63
- Berezkin, V.G. and Viktorova, E.N.
Changes in the basic experimental parameters of capillary gas chromatography in the 20th century (Review) 985(2003)3
- Berezkin, V.G., Zaginov, V.F. and Ivanov, P.B.
Carrier gas as a new factor influencing the selectivity of the gas–stationary liquid phase chromatographic system 985(2003)57
- Berger-Preiss, E., see Elflein, L. 985(2003)147
- Bernabei, M., Reda, R., Galiero, R. and Bocchinfuso, G.
Determination of total and polycyclic aromatic hydrocarbons in aviation jet fuel 985(2003)197
- Bicchi, C., see Zuin, V.G. 985(2003)159
- Biguzzi, B., see Bendini, A. 985(2003)425
- Blomberg, L.G., see Bohlén, M.E. 985(2003)471
- Blumberg, L.M.
Comprehensive two-dimensional gas chromatography: metrics, potentials, limits 985(2003)29
- Bocchinfuso, G., see Bernabei, M. 985(2003)197
- Bohlén, M.E., Öhman, M., Hamberg, M. and Blomberg, L.G.
Separation of conjugated trienoic fatty acid isomers by capillary electrophoresis 985(2003)471
- Bonoli, M., see Bendini, A. 985(2003)425
- Bonoli, M., see Lercker, G. 985(2003)333
- Brachetti, A., see Ciccioli, P. 985(2003)283
- Brancaleoni, E., see Ciccioli, P. 985(2003)283
- Caramão, E.B., see Schneider, R.C.S. 985(2003)313
- Caramão, E.B., see Vilar, R.B.C. 985(2003)367
- Carneiro, J.R., see Santos, J.R. 985(2003)395
- Carpinteiro, J., see Rodríguez, I. 985(2003)265
- Carro, A.M., see Rodríguez, I. 985(2003)265
- Cataluña Veses, R., see Vilar, R.B.C. 985(2003)367
- Cavani, L., Ciavatta, C. and Gessa, C.
Determination of free L- and D-alanine in hydrolysed protein fertilisers by capillary electrophoresis 985(2003)463
- Cela, R., see Llompart, M. 985(2003)175
- Cela, R., see Rodríguez, I. 985(2003)265
- Cela Torrijos, R., see Ramírez Criado, M. 985(2003)137
- Cercaci, L., Rodriguez-Estrada, M.T. and Lercker, G.
Solid-phase extraction–thin-layer chromatography–gas chromatography method for the detection of hazelnut oil in olive oils by determination of esterified sterols 985(2003)211
- Cerretani, L., see Bendini, A. 985(2003)425
- Cheng, C.-L., see Lee, M.-S. 985(2003)387
- Cheng, F.-C., see Lee, M.-S. 985(2003)387
- Ciavatta, C., see Cavani, L. 985(2003)463
- Ciccioli, P., Brancaleoni, E., Frattoni, M., Marta, S., Brachetti, A., Vitullo, M., Tirone, G. and Valentini, R.
Relaxed eddy accumulation, a new technique for measuring emission and deposition fluxes of volatile organic compounds by capillary gas chromatography and mass spectrometry 985(2003)283
- Cinque, L., see Reschigiani, P. 985(2003)519
- Contarini, G., see Povolo, M. 985(2003)117
- da Conceição K.V. Ramos, M., Teixeira, L.H.P., de Aquino Neto, F.R., Barreiro, E.J., Rodrigues, C.R. and Fraga, C.A.M.
Chiral separation of γ -butyrolactone derivatives by gas chromatography on 2,3-di-O-methyl-6-O-tert.-butyldimethylsilyl- β -cyclodextrin 985(2003)321
- da Silva, R., see Vilar, R.B.C. 985(2003)367

- Dagher, C., see Demyttenaere, J.C.R. 985(2003)233
- de Aquino Neto, F.R., see Da Conceição K.V. Ramos, M. 985(2003)321
- De Jong, R., see Joos, P.E. 985(2003)191
- De Kimpe, N., see Demyttenaere, J.C.R. 985(2003)221
- De Kimpe, N., see Demyttenaere, J.C.R. 985(2003)233
- De Marco, A., see Guidotti, M. 985(2003)185
- Demyttenaere, J.C.R., Dagher, C., Sandra, P., Kallithraka, S., Verhé, R. and De Kimpe, N.
Flavour analysis of Greek white wine by solid-phase microextraction–capillary gas chromatography–mass spectrometry 985(2003)233
- Demyttenaere, J.C.R., Moriña, R.M. and Sandra, P.
Monitoring and fast detection of mycotoxin-producing fungi based on headspace solid-phase microextraction and headspace sorptive extraction of the volatile metabolites 985(2003)127
- Demyttenaere, J.C.R., Sánchez Martínez, J.I., Verhé, R., Sandra, P. and De Kimpe, N.
Analysis of volatiles of malt whisky by solid-phase microextraction and stir bar sorptive extraction 985(2003)221
- De Simone, C., see Guidotti, M. 985(2003)185
- de Zeeuw, J., see Joos, P.E. 985(2003)191
- dos Santos Pereira, A., see Huenerbein, A. 985(2003)375
- Elflein, L., Berger-Preiss, E., Levsen, K. and Wünsch, G.
Development of a gas chromatography–mass spectrometry method for the determination of household insecticides in indoor air 985(2003)147
- Engel, K.-H., see Miller, A. 985(2003)403
- Ezquerro, Ó., Pons, B. and Tena, M.T.
Direct quantitation of volatile organic compounds in packaging materials by headspace solid-phase microextraction–gas chromatography–mass spectrometry 985(2003)247
- Fraga, C.A.M., see Da Conceição K.V. Ramos, M. 985(2003)321
- Franco, M.R.B., see Alves, G.L. 985(2003)297
- Frattoni, M., see Ciccioli, P. 985(2003)283
- Frenzel, T., see Miller, A. 985(2003)403
- Fritz, J.S., see Yan, Z. 985(2003)359
- Furuno, M., see Shintani, Y. 985(2003)351
- Galiero, R., see Bernabei, M. 985(2003)197
- Gallina Toschi, T., see Bendini, A. 985(2003)425
- Gessa, C., see Cavani, L. 985(2003)463
- Godoi, A.F.L., see Joos, P.E. 985(2003)191
- Godoi, A.F.L., Montone, R.C. and Santiago-Silva, M.
Determination of butyltin compounds in surface sediments from the São Paulo State coast (Brazil) by gas chromatography–pulsed flame photometric detection 985(2003)205
- Görgényi, M. and Héberger, K.
Minimum in the temperature dependence of the Kováts retention indices of nitroalkanes and alkanenitriles on an apolar phase 985(2003)11
- Guido, L.F., see Santos, J.R. 985(2003)395
- Guidotti, M., Stella, D., Owczarek, M., De Marco, A. and De Simone, C.
Lichens as polycyclic aromatic hydrocarbon bioaccumulators used in atmospheric pollution studies 985(2003)185
- Haddad, P.R., see Yan, Z. 985(2003)359
- Haddad, P.R., see Zakaria, P. 985(2003)493
- Hagman, G., see Laniewski, K. 985(2003)275
- Hamberg, M., see Bohlin, M.E. 985(2003)471
- Hanai, T.
Quantitative structure–retention relationships of phenolic compounds without Hammett's equations 985(2003)343
- Héberger, K., see Görgényi, M. 985(2003)11
- Hou, L., Shen, G. and Lee, H.K.
Automated hollow fiber-protected dynamic liquid-phase microextraction of pesticides for gas chromatography–mass spectrometric analysis 985(2003)107
- Huenerbein, A., Sípoli Marques, M.A., Dos Santos Pereira, A. and Radler de Aquino Neto, F.
Improvement in steroid screening for doping control with special emphasis on stanozolol 985(2003)375
- Ivanov, P.B., see Berezkin, V.G. 985(2003)57
- Jelínek, I., see Kvasnicová, V. 985(2003)513
- Joos, P.E., Godoi, A.F.L., De Jong, R., De Zeeuw, J. and Van Grieken, R.
Trace analysis of benzene, toluene, ethylbenzene and xylene isomers in environmental samples by low-pressure gas chromatography–ion trap mass spectrometry 985(2003)191
- Jursová, A., see Kvasnicová, V. 985(2003)513
- Kallithraka, S., see Demyttenaere, J.C.R. 985(2003)233
- Kok, W.Th., see Oudhoff, K.A. 985(2003)479
- Kulshreshtha, N.P. and Moldoveanu, S.C.
Analysis of pyridines in mainstream cigarette smoke 985(2003)303
- Kvasnicová, V., Samcová, E., Jursová, A. and Jelínek, I.
Determination of 8-hydroxy-2'-deoxyguanosine in untreated urine by capillary electrophoresis with UV detection 985(2003)513
- Laniewski, K., Wännman, T. and Hagman, G.
Gas chromatography with mass spectrometric, atomic emission and Fourier transform infrared spectroscopic detection as complementary analytical techniques for the identification of unknown impurities in pharmaceutical analysis 985(2003)275
- Ledford Jr., E.B., see Reichenbach, S.E. 985(2003)47
- Lee, H.K., see Hou, L. 985(2003)107
- Lee, H.K., see Shen, G. 985(2003)167
- Lee, M.L., see Wang, Q. 985(2003)455
- Lee, M.-S., Yang, D.-Y., Cheng, C.-L., Liang, Y.-J., Yang, L.-L. and Cheng, F.-C.
Ginkgo biloba extract preserves pyruvate and enhances ascorbate in the cortex of gerbils during focal cerebral ischemia. A microdialysis–liquid chromatography study 985(2003)387
- Lercker, G., see Bendini, A. 985(2003)425
- Lercker, G., see Cercaci, L. 985(2003)211

- Lercker, G., Rodriguez-Estrada, M.T. and Bonoli, M.
Analysis of the oxidation products of *cis*- and *trans*-octadecenoate methyl esters by capillary gas chromatography–ion-trap mass spectrometry. I. Epoxide and dimeric compounds 985(2003)333
- Levensen, K., see Elflein, L. 985(2003)147
- Li, S.F.Y., see Qin, W. 985(2003)447
- Liang, Y.-J., see Lee, M.-S. 985(2003)387
- Lin, S.-L., see Wang, Q. 985(2003)455
- Llompart, M., Lores, M., Lourido, M., Sánchez-Prado, L. and Cela, R.
On-fiber photodegradation after solid-phase microextraction of *p,p'*-DDT and two of its major photoproducts, *p,p'*-DDE and *p,p'*-DDD 985(2003)175
- Lorenzo, R.A., see Rodríguez, I. 985(2003)265
- Lores, M., see Llompart, M. 985(2003)175
- Lourido, M., see Llompart, M. 985(2003)175
- Macka, M., see Zakaria, P. 985(2003)493
- Makarov, E.D., see Berezkin, V.G. 985(2003)63
- Marta, S., see Ciccioli, P. 985(2003)283
- Martinelli, M., see Schneider, R.C.S. 985(2003)313
- McNair, H.M., see Schug, K. 985(2003)531
- Melucci, D., see Reschiglian, P. 985(2003)519
- Miller, A., Frenzel, T., Schmarr, H.-G. and Engel, K.-H.
Coupled liquid chromatography–gas chromatography for the rapid analysis of γ -oryzanol in rice lipids 985(2003)403
- Min, B.R., see Reschiglian, P. 985(2003)519
- Minakuchi, H., see Shintani, Y. 985(2003)351
- Möder, M., see Müller, S. 985(2003)99
- Moldoveanu, S.C., see Kulshreshtha, N.P. 985(2003)303
- Monton, M.R.N., Otsuka, K. and Terabe, S.
On-line sample preconcentration in micellar electrokinetic chromatography by sweeping with anionic–zwitterionic mixed micelles 985(2003)435
- Montone, R.C., see Godoi, A.F.L. 985(2003)205
- Moon, M.H., see Reschiglian, P. 985(2003)519
- Moríñ, R.M., see Demyttenaere, J.C.R. 985(2003)127
- Müller, S., Möder, M., Schrader, S. and Popp, P.
Semi-automated hollow-fibre membrane extraction, a novel enrichment technique for the determination of biologically active compounds in water samples 985(2003)99
- Nakanishi, K., see Shintani, Y. 985(2003)351
- Nardi, L.
Determination of siloxane–water partition coefficients by capillary extraction–high-resolution gas chromatography. Study of aromatic solvents 985(2003)39
- Nardi, L.
New high-performance cryofocalizer injector for in-tube solid-phase microextraction and headspace capillary gas chromatographic applications 985(2003)67
- Nardi, L.
Symmetrical (double-speed) static coating for high-resolution gas chromatography column preparation 985(2003)79
- Nardi, L.
Capillary extractors for “negligible depletion” sampling of benzene, toluene, ethylbenzene and xylenes by in-tube solid-phase microextraction 985(2003)85
- Nardi, L.
In-tube solid-phase microextraction sampler for long-term storage 985(2003)93
- Ni, M., see Reichenbach, S.E. 985(2003)47
- Öhman, M., see Bohlin, M.E. 985(2003)471
- Otsuka, K., see Monton, M.R.N. 985(2003)435
- Oudhoff, K.A., Schoenmakers, P.J. and Kok, W.Th.
Characterization of polyethylene glycols and polypropylene glycols by capillary zone electrophoresis and micellar electrokinetic chromatography 985(2003)479
- Owczarek, M., see Guidotti, M. 985(2003)185
- Pettersson, J. and Roeraade, J.
Quantitative accuracy in the gas chromatographic analysis of solvent mixtures 985(2003)21
- Piatnicki, C.M.S., see Vilar, R.B.C. 985(2003)367
- Pons, B., see Ezquerro, Ó. 985(2003)247
- Popp, P., see Müller, S. 985(2003)99
- Povolo, M. and Contarini, G.
Comparison of solid-phase microextraction and purge-and-trap methods for the analysis of the volatile fraction of butter 985(2003)117
- Qin, W., Wei, H. and Li, S.F.Y.
1,3-Dialkylimidazolium-based room-temperature ionic liquids as background electrolyte and coating material in aqueous capillary electrophoresis 985(2003)447
- Quintana, J.B., see Rodríguez, I. 985(2003)265
- Radler de Aquino Neto, F., see Huenerbein, A. 985(2003)375
- Raffi, G.B., see Accorsi, A. 985(2003)259
- Ramil Criado, M., Rodríguez Pereiro, I. and Cela Torrijos, R.
Optimization of a microwave-assisted extraction method for the analysis of polychlorinated biphenyls in ash samples 985(2003)137
- Reda, R., see Bernabei, M. 985(2003)197
- Reichenbach, S.E., Ni, M., Zhang, D. and Ledford Jr., E.B.
Image background removal in comprehensive two-dimensional gas chromatography (Review) 985(2003)47
- Reschiglian, P., Zattoni, A., Roda, B., Cinque, L., Melucci, D., Min, B.R. and Moon, M.H.
Hyperlayer hollow-fiber flow field-flow fractionation of cells 985(2003)519
- Rios, A., see Sanches Filho, P.J. 985(2003)503
- Roda, B., see Reschiglian, P. 985(2003)519
- Rodrigues, C.R., see Da Conceição KV. Ramos, M. 985(2003)321
- Rodrigues, J.A., see Santos, J.R. 985(2003)395
- Rodríguez, I., Quintana, J.B., Carpinteiro, J., Carro, A.M., Lorenzo, R.A. and Cela, R.
Determination of acidic drugs in sewage water by gas chromatography–mass spectrometry as *tert*-butyldimethylsilyl derivatives 985(2003)265
- Rodríguez Pereiro, I., see Ramil Criado, M. 985(2003)137
- Rodriguez-Estrada, M.T., see Cercaci, L. 985(2003)211
- Rodriguez-Estrada, M.T., see Lercker, G. 985(2003)333
- Roeraade, J., see Pettersson, J. 985(2003)21
- Samcová, E., see Kvasnicová, V. 985(2003)513
- Samios, D., see Vilar, R.B.C. 985(2003)367

- Sanches Filho, P.J., Rios, A., Valcárcel, M., Zanin, K.D. and Bastos Caramão, E. Determination of nitrosamines in preserved sausages by solid-phase extraction–micellar electrokinetic chromatography 985(2003)503
- Sánchez Martínez, J.I., see Demyttenaere, J.C.R. 985(2003)221
- Sánchez-Prado, L., see Llompart, M. 985(2003)175
- Sandra, P. Foreword 985(2003)1
- Sandra, P., see Demyttenaere, J.C.R. 985(2003)127
- Sandra, P., see Demyttenaere, J.C.R. 985(2003)221
- Sandra, P., see Demyttenaere, J.C.R. 985(2003)233
- Santiago-Silva, M., see Godoi, A.F.L. 985(2003)205
- Santos, J.R., Carneiro, J.R., Guido, L.F., Almeida, P.J., Rodrigues, J.A. and Barros, A.A. Determination of *E*-2-nonenal by high-performance liquid chromatography with UV detection. Assay for the evaluation of beer ageing 985(2003)395
- Sanz-Nebot, V., Benavente, F., Toro, I. and Barbosa, J. Evaluation of chromatographic versus electrophoretic behaviour of a series of therapeutical peptide hormones 985(2003)411
- Schmarr, H.-G., see Miller, A. 985(2003)403
- Schneider, R.C.S., Baldissarelli, V.Z., Martinelli, M., von Holleben, M.L.A. and Caramão, E.B. Determination of the disproportionation products of limonene used for the catalytic hydrogenation of castor oil 985(2003)313
- Schoenmakers, P.J., see Oudhoff, K.A. 985(2003)479
- Schössler, P., see Vilar, R.B.C. 985(2003)367
- Schrader, S., see Müller, S. 985(2003)99
- Schug, K. and McNair, H.M. Adduct formation in electrospray ionization mass spectrometry. II. Benzoic acid derivatives 985(2003)531
- Shen, G., see Hou, L. 985(2003)107
- Shen, G. and Lee, H.K. Determination of triazines in soil by microwave-assisted extraction followed by solid-phase microextraction and gas chromatography–mass spectrometry 985(2003)167
- Shintani, Y., Zhou, X., Furuno, M., Minakuchi, H. and Nakanishi, K. Monolithic silica column for in-tube solid-phase microextraction coupled to high-performance liquid chromatography 985(2003)351
- Sípoli Marques, M.A., see Huenerbein, A. 985(2003)375
- Stella, D., see Guidotti, M. 985(2003)185
- Stolyarov, B.V., see Berezkin, V.G. 985(2003)63
- Teixeira, L.H.P., see da Conceição K.V. Ramos, M. 985(2003)321
- Tena, M.T., see Ezquerro, Ó. 985(2003)247
- Terabe, S., see Monton, M.R.N. 985(2003)435
- Tironi, G., see Ciccioli, P. 985(2003)283
- Tolley, H.D., see Wang, Q. 985(2003)455
- Toro, I., see Sanz-Nebot, V. 985(2003)411
- Valcárcel, M., see Sanches Filho, P.J. 985(2003)503
- Valenti, S., see Accorsi, A. 985(2003)259
- Valentini, R., see Ciccioli, P. 985(2003)283
- Van Grieken, R., see Joos, P.E. 985(2003)191
- Verhé, R., see Demyttenaere, J.C.R. 985(2003)221
- Verhé, R., see Demyttenaere, J.C.R. 985(2003)233
- Viktorova, E.N., see Berezkin, V.G. 985(2003)3
- Vilar, R.B.C., da Silva, R., Schössler, P., Cataluña Veses, R., Piatnicki, C.M.S., Samios, D. and Caramão, E.B. Preliminary characterization of anhydrous ethanol used in Brazil as automotive fuel 985(2003)367
- Violante, F.S., see Accorsi, A. 985(2003)259
- Vitullo, M., see Ciccioli, P. 985(2003)283
- von Holleben, M.L.A., see Schneider, R.C.S. 985(2003)313
- Wang, Q., Lin, S.-L., Warnick, K.F., Tolley, H.D. and Lee, M.L. Voltage-controlled separation of proteins by electromobility focusing in a dialysis hollow fiber 985(2003)455
- Wännman, T., see Laniewski, K. 985(2003)275
- Warnick, K.F., see Wang, Q. 985(2003)455
- Wei, H., see Qin, W. 985(2003)447
- Wünsch, G., see Elflein, L. 985(2003)147
- Yan, Z., Haddad, P.R. and Fritz, J.S. Ion chromatography on reversed-phase materials coated with mixed cationic and nonionic surfactants 985(2003)359
- Yang, D.-Y., see Lee, M.-S. 985(2003)387
- Yang, L.-L., see Lee, M.-S. 985(2003)387
- Yariwake, J.H., see Zuin, V.G. 985(2003)159
- Zagainov, V.F., see Berezkin, V.G. 985(2003)57
- Zakaria, P., Macka, M. and Haddad, P.R. Separation of opiate alkaloids by electrokinetic chromatography with sulfated-cyclodextrin as a pseudo-stationary phase 985(2003)493
- Zanin, K.D., see Sanches Filho, P.J. 985(2003)503
- Zattoni, A., see Reschiglian, P. 985(2003)519
- Zhang, D., see Reichenbach, S.E. 985(2003)47
- Zhou, X., see Shintani, Y. 985(2003)351
- Zuin, V.G., Yariwake, J.H. and Bicchi, C. Fast supercritical fluid extraction and high-resolution gas chromatography with electron-capture and flame photometric detection for multiresidue screening of organochlorine and organophosphorus pesticides in Brazil's medicinal plants 985(2003)159