

Journal of Chromatography B Special Issue Contents

Vol. 870, 15 July 2008

32ND ANNUAL MEETING OF THE JAPANESE SOCIETY FOR BIOMEDICAL MASS SPECTROMETRY, KYOTO, JAPAN, 27-28 SEPTEMBER 2007

PREFACE

by Y. Shigematsu, T. Niwa and A. Shimizu

In memory of my teacher, Professor Akira Shimizu

by T. Nakanishi (Osaka, Japan)

REVIEW

Biomarker discovery for kidney diseases by mass spectrometry (Review)

by T. Niwa (Nagoya, Japan)

REGULAR PAPERS

Determination of 3-hydroxyisovalerylcarnitine and other acylcarnitine levels using liquid chromatography-tandem mass spectrometry in serum and urine of a patient with multiple carboxylase deficiency

by Y. Maeda, T. Ito, H. Ohmi, K. Yokoi, Y. Nakajima, A. Ueta, Y. Kurono, H. Togari and N. Sugiyama (Nagoya, Japan)

Prenatal diagnosis of propionic acidemia by measuring methylcitric acid in dried amniotic fluid on filter paper using GC/MS

by Y. Inoue, M. Ohse, T. Shinka and T. Kuhara (Ishikawa, Japan)

Simultaneous determination of prednisolone, prednisone, cortisol, and cortisone in plasma by GC-MS: Estimating unbound prednisolone concentration in patients with nephrotic syndrome during oral prednisolone therapy

by H. Shibasaki, H. Nakayama, T. Furuta, Y. Kasuya, M. Tsuchiya, A. Soejima, A. Yamada and T. Nagasawa (Tokyo, Japan)

Quantitative evaluation of sphingomyelin and glucosylceramide using matrix-assisted laser desorption ionization time-of-flight mass spectrometry with sphingosylphosphorylcholine as an internal standard. Practical application to tissues from patients with Niemann-Pick disease types A and C, and Gaucher disease

by T. Fujiwaki, M. Tasaka and S. Yamaguchi (Izumo, Japan)