

Literature References continued

AUTHORS	TITLE	PUBLICATION	DATE	VOL	PAGES	
E.Y. Santali, D. Edwards, O.B. Sutcliffe, S. Bailes, M.R. Euerby, D.G. Watson	A Comparison of Silica C and Silica Gel in HILIC Mode: The Effect of Stationary Phase Surface Area	Chromatographia	Agilent Application Note	2013	N/A	1-4
J.J. Pesek, M.T. Matyska, J.E. Young	Analysis of thiopurines using aqueous normal phase chromatography	J. Pharm. Biomed. Anal.	2014	77	873-881	1-10
J.E. Young, M.T. Matyska, J.J. Pesek	Why development of new HPLC column technology is still alive	Chimica Oggi.	2014	32		102-106
N. Byrd	Quick, Easy and Reliable Detection of Histamine in Food Using the Agilent 6490 Triple Quadrupole LC/MS with Jet Stream Technology	Agilent Application Note	2013	N/A		8-12
S. Jenkins, S.M. Fischer, T.R. Sana	Compound Identification, Profiling and Pathway Analysis of the Yeast Metabolome in Mass Profiler Professional	Agilent Application Note	2013	N/A		1-10
A. Marcobal, P.C. Kashyap, T.A. Nelson, P.A. Aronov, M.S. Donia, A. Spormann, M.A. Fischbach, J.L. Sonnenburg	A metabolomic view of how the human gut microbiota impacts the host metabolome using humanized and gnotobiotic mice	ISME J.	2013	7		1933-1943
Y. Yang, R.I. Boysen, C. Kulsing, M.T. Matyska, J.J. Pesek, M.T. W. Hearn	Analysis of polar peptides using a silica-hydrate column and high aqueous content mobile phases	J. Sep. Sci.	2013	36		3019-3025
J.J. Pesek, M.T. Matyska, A.M. Kim	Evaluation of stationary phases based on silica-hydrate for the analysis of drugs of abuse	J. Sep. Sci.	2013	36		2760-2766
R. Le, J.E. Young, J.J. Pesek, M.T. Matyska	Separation of 1,3-dimethylamylamine and other polar compounds in a dietary supplement formulation using aqueous normal phase chromatography with MS	J. Sep. Sci.	2013	36		2578-2583
Y. Yang, M.T. Matyska, R.I. Boysen, J.J. Pesek, M.T. W. Hearn	Simultaneous separation of hydrophobic and polar bases using a silica-hydrate stationary phase	J. Sep. Sci.	2013	36		1209-1216
H. Yeman, T. Nicholson, M.T. Matyska, J.J. Pesek, K. Albert	Simulation of the chromatographic separation process in HPLC employing suspended-state NMR spectroscopy - Comparison of interaction behavior for monomeric and hydrate-modified C18 stationary phases	J. Sep. Sci.	2013	36		173-181
A. Dang, J.J. Pesek, M.T. Matyska	The use of aqueous normal phase chromatography as an analytical tool for food analysis: Determination of histamine as a model system	Food Chem.	2013	141		4226-4230
J.E. Young, H.N. Nguyen, M.T. Matyska, J.J. Pesek,	LC-MS-Compatible separation of polar compounds using silica-hydrate columns	LCGC N. Am.	2013	31		144-157
J. E. Young, M.T. Matyska, A.K. Azad, S.E. Yoc, J.J. Pesek	Separation Differences Among Phenyl Hydrate, Undecanoyl Cholesterol, and Bidentate C8 Stationary Phases for Stability Indicating Methods of Tetracyclines	J. Liq. Chromatogr. & Rel Technol.	2013	36		926-942
J.J. Pesek, M.T. Matyska, R.I. Boysen, Y. Yang, M.T.W. Hearn	Aqueous normal-phase chromatography using silica-hydrate-based stationary phases	Trends Anal. Chem.	2013	42		64-73
S. Jenkins, S.M. Fischer, T.R. Sana	Mass Profiler Professional and Personal Compound Database and Library Software Facilitate Compound Identification for Profiling of the Yeast Metabolome	Agilent Application Note	2012	N/A		1-12
J.J. Pesek, M.T. Matyska	A New Approach to Bioanalysis: Aqueous Normal Phase Chromatography with Silica Hydrate Stationary Phases	Bioanalysis	2012	4		845-853
J.J. Pesek, M.T. Matyska, A. Dang	Analysis of cycloserine and related compounds using aqueous normal phase chromatography/mass spectrometry	J. Pharm. Biomed. Anal.	2012	64		72-76
R. MacNeill, R. Stromeyer, B. Urbanowicz, V. Acharya, M. Moussallie, J.J. Pesek	Silica hydrate-based chromatography of LC-MS response-altering compounds native to human plasma	Bioanalysis	2012	4		2877-2886
H. Yeman, T. Nicholson, V. Friebolin, L. Steinhauer, M.T. Matyska, J.J. Pesek, K. Albert	Time-dependent column performance of cholesterol-based stationary phases for HPLC by LC characterization and solid-state NMR spectroscopy	J. Sep. Sci.	2012	35		1582-1588
S. Bocian, J. Soukup, M. Matyska, J. Pesek, P. Jandera, B. Buszewski	The influence of the organic modifier in hydro-organic mobile phase on separation selectivity of steroid hormones separation using cholesterol-bonded stationary phases	J. Chromatogr. A.	2012	1245		90-97
B. Buszewski, S. Bocian, G. Rychlicki, M. Matyska, J. Pesek	Determination of accessible silanols groups on silica gel surfaces using microcalorimetric measurements	J. Chromatogr. A.	2012	1232		43-46
A.D. Panopoulos, O. Yanes, S. Ruiz, Y. Kida, D. Diep, R. Tautenhahn, A. Herreras, E.M. Batchelder, N. Plongthongkum, M. Lutz, W.T. Berggren, K. Zhang, R.M. Evans, G. Siuzdak, J.C.I. Belmonte	The metabolome of induced pluripotent stem cells reveals metabolic changes occurring in somatic cell reprogramming	Cell Res.	2012	22		168-177
J.E. Young, M.T. Matyska, J.J. Pesek	Liquid Chromatography/Mass Spectrometry Compatible Approaches for the Quantitation of Folic Acid in Fortified Juices and Cereals using Aqueous Normal Phase Conditions	J. Chromatogr. A	2011	1218		2121-2126
J.J. Pesek, M.T. Matyska, P. Lee	Synthesis of a Preparative C30 Stationary Phase on a Silica Hydrate Surface and its Application to Carotenoid Separation	J. Liq. Chromatogr. & Rel Technol.	2011	34		231-240