

Literature References for Cogent TYPE-C™ Silica Hydride Based HPLC Columns

AUTHORS	TITLE	PUBLICATION	DATE	VOL	PAGES
E. Cífková, R. Hájek, M. Lísa, M. Holčápek	HILIC/ESI-MS Separation of acidic and other lipid classes using hydride column	HPLC 2016 poster	2016	N/A	N/A
C. Kulsing, Y. Yang, R. Sepehrifar, M. Lim, J. Toppete, M.T. Matyska, J.J. Pesek, R.I. Boysen, M.T.W. Hearn	Investigations into the separation behaviour of perfluorinated C8 and undecanoic acid modified silica-hydride stationary phases	Analytica Chimica Acta	2016	916	102-111
J.E. Young	Advances in chromatographic analysis of foods and beverages: modern stationary phases for challenging compounds	Agro Food Industry Hi Tech	2016	27	14-17
J.J. Pesek, M.T. Matyska, M. Sieng, L. Doan	Analysis of Capsaicinoids in Hot Sauces Using a Silica Hydride-Based Stationary Phase	Current Chromatography	2016	3	12-16
J.E. Young, J.J. Pesek, M.T. Matyska	Robust HPLC-Refractive Index Analysis of Simple Sugars in Beverages	J. Chromatogr. A.	2016	1441	52-59
using Silica Hydride Columns	Current Nutrition & Food Science	2016	12	125-131	206-213
J.J. Pesek, M.T. Matyska, B. Modereger, A. Hasbun, V.T. Phan, Z. Mehr, M. Guzman, S. Watanable	The separation and analysis of symmetric and asymmetric dimethylarginine and other hydrophilic isobaric compounds using aqueous normal phase chromatography	J. Chromatogr. A.	2016	1441	52-59
J.E. Young, M.V. Lim, J. Topete, H. Hang, M. Gahol, J.J. Pesek, M.T. Matyska	Improved Sensitivity and Specificity for trans-Resveratrol in Red Wine Analysis with HPLC-UV and LC-MS	LC GC N. Am.	2016	34	206-213
E. Cífková, R. Hájek, M. Lísa, M. Holčápek	Hydrophilic interaction liquid chromatography-mass spectrometry of (lyso)phosphatidic acids, (lyso)phosphatidylserines and other lipid classes	J. Chromatogr. A.	2016	1439	65-73
J. Pesek, M. Matyska, A. Jimena, J. Juan, A. Jo, B. Berioso	Analysis of glucosamine using aqueous normal phase chromatography	Food Sci. Technol.	2016	65	777-782
Y. Dai, S.M. Fischer	Metabolomics Batch Data Analysis Workflow to Characterize Differential Metabolites in Bacteria	Agilent Application Note	2015	N/A	1-8
E.M. Borges	Silica, Hybrid Silica, Hydride Silica and Non-Silica Stationary Phases for Liquid Chromatography	J. Chromatogr. Sci.	2015	53	580-597
A. Dang, M. Sieng, J.J. Pesek, M.T. Matyska	Determination of Bisphenol A in Receipts and Carbon Paper by HPLC-UV	J. Liq. Chromatogr. & Rel Technol.	2015	38	438-442
J.J. Pesek, M.T. Matyska, M. Sieng, L. Doan	Analysis of Capsaicinoids in Hot Sauces using a Silica Hydride-based Stationary Phase	Curr. Chromatogr.	2015	3	434-439
Y. Nolvachai, C. Kulsing, R.I. Boysen, M.T. Matyska, J.J. Pesek, P.J. Marriott, M.T.W. Hearn	Comparison of the performance of different silica-hydride particles for the solid-phase extraction of non-volatile analytes from dark chocolate with analysis by gas chromatography-quadrupole mass spectrometry	Food Chem.	2015	174	434-439
J. Pesek, M. Matyska, A. Dang	Analysis of ethyl glucuronide and ethyl sulfate using aqueous normal-phase chromatography with mass spectrometry	J. Sep. Sci.	2015	38	1515-1520
J. Pesek, M. Matyska, N. Salehi	Evaluation of Stationary Phases Made by Hydrosilation of Alkynes on Silica Hydride	Curr. Chromatogr.	2015	2	41-47
J. Pesek, M. Matyska	Ammonium fluoride as a mobile phase additive in aqueous normal phase chromatography	J. Chromatogr. A.	2015	1401	69-74
J.E. Young, M.T. Matyska, J.J. Pesek	LC-MS-Compatible Approaches for the Quantitation of Limonin in Citrus Juice	LCGC N. Am.	2015	33	192-199
S. Rocchi, A. Rocco, J.J. Pesek, M.T. Matyska, D. Capitani, S. Fanali	Enantiomers separation by nano-liquid chromatography: Use of a novel sub-2µm vancomycin silica-hydride stationary phase	J. Chromatogr. A.	2015	1381	149-159
C. Kulsing, Y. Nolvachai, P.J. Marriott, R.I. Boysen, M.T. Matyska,	Prediction of the zeta potentials and ionic descriptors of a silica-hydride stationary phase with mobile phases of different pH and ionic strength	Anal. Chim. Acta	2015	859	79-86
J.J. Pesek, M.T.W. Hearn	Insights into the Origin of the Separation Selectivity with Silica Hydride Adsorbents	J. Phys. Chem. B.	2015	119	3063-3069
C. Kulsing, Y. Yang, R.I. Boysen, M.T. Matyska, J.J. Pesek, M.T.W. Hearn	Role of electrostatic contributions in the separation of peptides with silica-hydride stationary phases	Analytical Methods	2015	7	1578-1585
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J.J. Pesek, R.I. Boysen, M.T.W. Hearn, M.T. Matyska	Hydride-based HPLC stationary phases: A rapidly evolving technology for the development of new bio-analytical methods	Analytical Methods	2014	6	4496-4503
S. Bocian, G. Rychlicki, M.T. Matyska, J.J. Pesek, B. Buszewski	Study of hydration process on silica-hydride surfaces by microcalorimetry and water adsorption	J. Colloid Interface Sci.	2014	416	161-166