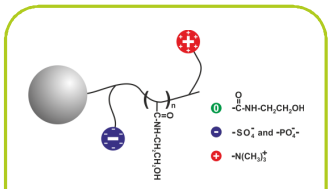
HILICON

iHILIC®-Fusion

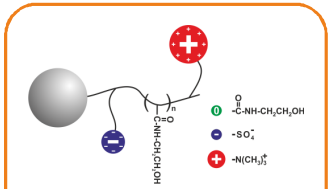
advances HILIC separation in UHPLC and HPLC

Features

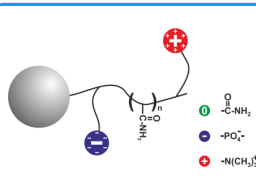
- Charge modulated hydroxyethyl amide/amide HILIC columns
- Three complementary selectivities for separation of polar analytes
- Excellent durability and ultra-low bleeding for LC-MS
- Versatile columns for ”Omics” studies
- iHILIC®-Fusion and iHILIC®-Fusion(+): pH 2-8; 1.8, 3.5, and 5 µm
- iHILIC®-Fusion(P): pH 1-10; 5 µm



iHILIC®-Fusion
Silica based

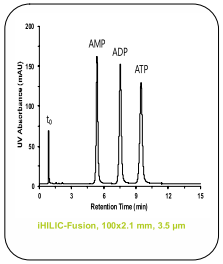


iHILIC®-Fusion(+)
Silica based



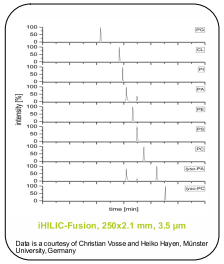
iHILIC®-Fusion(P)
Polymer based

Nucleotides



iHILIC-Fusion, 100x2.1 mm, 3.5 µm

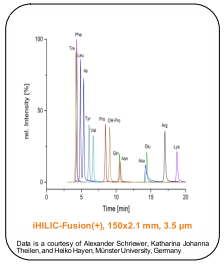
Phospholipids



iHILIC-Fusion, 250x2.1 mm, 3.5 µm

Data is a courtesy of Christian Vosse and Heiko Hayen, Münster University, Germany

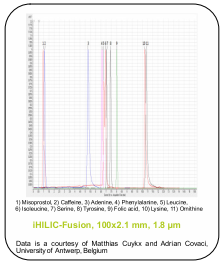
Amino Acids



iHILIC-Fusion(+), 150x2.1 mm, 3.5 µm

Data is a courtesy of Alexander Schriewer, Katharina Johanna Theilen, and Heiko Hayen, Münster University, Germany

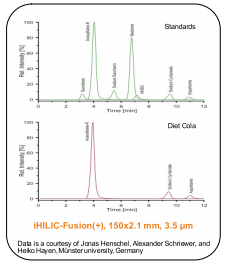
Cell Metabolites



iHILIC-Fusion, 100x2.1 mm, 1.8 µm

Data is a courtesy of Matthias Cuykx and Adrian Covaci, University of Antwerp, Belgium

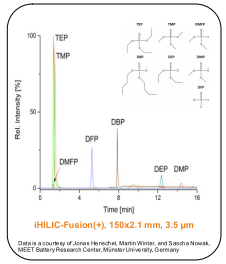
Artificial Sweeteners



iHILIC-Fusion(+), 150x2.1 mm, 3.5 µm

Data is a courtesy of Jonas Henschel, Alexander Schriewer, and Heiko Hayen, Münster university, Germany

Organophosphates



iHILIC-Fusion(+), 150x2.1 mm, 3.5 µm

Data is a courtesy of Jonas Henschel, Martin Winter, and Sascha Nowak, WEST Battery Research Center, Münster University, Germany

iHILIC and iSPE Publications

iHILIC-Fusion:
- J. Chromatogr. A, 1478 (2017) 168-178 - Metabolomics
- ChemBioChem, 18 (2017) 1177-1182 - UDP-sugar
- LCGC Europe, (2016) September issue - Metabolomics
- BioMetals, 30 (2017) 589-597 - Pyoverdines

iHILIC-Fusion(+):
- LCGC Europe, (2016) July issue - Food and Beverage
- LCGC Europe, (2017) July issue - Amino Acids
- LCGC Europe, (2017) December issue - Organophosphates

iHILIC-Fusion(P):
- Cell Reports, 17 (2016) 837–848 - Metabolomics
- Anal. Chem., 89 (2017) 1624−1631 - Metabolomics
- J. Liq. Chromatg. Rel. Technol., (2017) - dithiocarbamate fungicides
- Nature Communications, 8 (2017) - Metabolomics
- Metabolomics, 13 (2017) 123-132 - Metabolomics

iSPE-HILIC:
- LCGC Europe eApplication, (2018) March - Glycopeptides

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