

Empore Bibliography for Compound Family: Proteins

Publication Code: D041

Title: Novel Modifications and Clinical Applications of Preconcentration-Capillary Electrophoresis-Mass Spectrometry

Source(s): Journal of Capillary Electrophoresis
Volume: 2 Page(s): 97-104 Date: 1995

Author(s):

Katzmann, Jerry A
Riggs, B. L
Naylor, Stephen
Braddock, W D
Oda, Robert P
Benson, Linda M
Tomlinson, Andy J

Sample Matrix:

Cultured Cell Media
Urine

Sorbent:

C18
SDB-XC

Size:

0.3 mm

Analytical Technique:

CE/MS

Compound(s):

SIINFEKL
SGINFEKL
SIINFEKLT
Haloperidol
Bence Jones Protein

Compound Family:

Neuroepileptic
Peptide
Proteins

Publication Code: D042

Title: Enhancement of Concentration Limits of Detection in CE and CE-MS: A Review of On-Line Sample Extraction, Cleanup, Analyte Preconcentration, and Microreactor Technology

Source(s): Journal of Capillary Electrophoresis
Volume: 6 Page(s): 247-266 Date: 1995

Author(s):

Naylor, Stephen
Guzman, Norberto A
Tomlinson, Andy J

Sample Matrix:

Aqueous Humor
Blood Dialysate
Brain Dialysate
Buffer
Cerebral Spinal Fluid
Tears
Urine

Sorbent:

SDB-XC

Size:

0.3 mm

Analytical Technique:

CE/UV
CE/MS
CE-MS-MS

Compound(s):

Haloperidol
Haloperidol N-Oxide
Bradykinin
a-MSH
LHRH
Angiotensin II
Bombesin
Oxytocin
Leucine Enkephalin
Met-Enkephalin

Compound Family:

Neuroepileptic
Peptide
Proteins

Publication Code: D046**Title:** Utility of Membrane Preconcentration-Capillary Electrophoresis-Mass Spectrometry in Overcoming Limited Sample Loading for Analysis of Biologically Derived Drug Metabolites, Peptides, and Proteins**Source(s):** Journal of American Society for Mass Spectrometry
Volume: 8 Page(s): 15-24 Date: 1997**Author(s):**Johnson, Douglas H
Naylor, Stephen
Jameson, Stephen
Benson, Linda M
Tomlinson, Andy J**Sample Matrix:**Aqueous Humor
Urine**Sorbent:**SDB-XC
C8
C18**Size:**

0.3 mm

Analytical Technique:CE-MS-MS
CE/MS**Compound(s):**

Haloperidol

Compound Family:Neuropeptide
Proteins
Peptide**Publication Code: D049****Title:** Purification of Contaminated Peptides and Proteins on Synthetic Membrane Surfaces for Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry**Source(s):** Analytical Chemistry
Volume: 70 Page(s): 750-6 Date: 1998**Author(s):**Woods, A. S
Cotter, R. J
Worrall, T. A**Sample Matrix:****Sorbent:**C8
C18**Size:****Analytical Technique:**

MALDI-TOF

Compound(s):**Compound Family:**Peptide
Proteins**Publication Code: D074****Title:** Identifying Sites of Protein Modification by Using Matrix-Assisted Laser Desorption/Ionization-Time-of-Flight Mass Spectrometry and On-Line Membrane Preconcentration-Capillary Electrophoresis-Tandem Mass Spectrometry**Source(s):** Journal of American Society for Mass Spectrometry
Volume: 8(1) Page(s): 15-24 Date: 1997**Author(s):**Holmes, M. W
Prendergast, F. G
Kurian, E.
Naylor, Stephen
Tomlinson, Andy J**Sample Matrix:****Sorbent:**

SDB-XC

Size:

0.3 mm

Analytical Technique:MALDI-TOF
CE-MS-MS**Compound(s):****Compound Family:**Proteins
Peptide

Publication Code: D081**Title:** Automated Protein Precipitation by Filtration in 96-Well Format**Source(s):** Journal of Chromatography B
Volume: 734 Page(s): 257-65 Date: 1999**Author(s):**
Pleasant, Stephen
Biddlecomb, Robert**Sample Matrix:**
Plasma**Sorbent:**
Filter Plate**Size:**
96 well**Analytical Technique:**
LC-MS/MS**Compound(s):**
Salbutamol**Compound Family:**
Proteins**Publication Code: E026****Title:** Investigation of Anion-Exchange and Immunoaffinity Particle-Loaded Membranes for the Isolation of Charged Organic Analytes from Water**Source(s):** Analytical Chemistry
Volume: 70 Page(s): 1969-78 Date: 1998**Author(s):**
Thurman, E M
Wilson, George S
Dombrowski, Tonya R**Sample Matrix:****Sorbent:**
SAX
Chelating
SDB-XC
SCX**Size:**
47 mm
6 mm**Analytical Technique:**
Ion Chromatography/ECD
UV/VIS Spectroscopy
ELISA**Compound(s):**
2,4-D
Monosodium methylarsenate
Isopropylmethylphosphonic a
DHA-S**Compound Family:**
Herbicides
Proteins**Publication Code: G032****Title:** Stop and Go Extraction Tips for Matrix-Assisted Laser Desorption/Ionization, Nanoelectrospray, and LC/MS Sample Pretreatment in Proteomics**Source(s):** Analytical Chemistry
Volume: 75 Page(s): 633-670 Date: 2003**Author(s):**
Mann, Matthias
Ishihama, Yasushi
Rappsilber, Juri**Sample Matrix:**
Buffer**Sorbent:**
C18**Size:**
0.4 X 0.5 mm
0.9 X 0.5 mm
0.9 X 1.0 mm**Analytical Technique:**
MALDI
Nanoelectrospray
LC-MS**Compound(s):**
peptides**Compound Family:**
Proteins

Publication Code: D088

Title: Novel sample fractionation for proteomics using stop and go extraction tips (Stage Tips) with single and multiple disks

Source(s): 51st conference on Mass Spectrometry and Allied Topics (Abstract only)

Volume: Page(s): 558-559 Date: June 2003

Author(s):

Mann, Matthias
Rappsilber, Juri
Ishihama, Yasushi

Sample Matrix:

Cell lysate

Sorbent:

C18
Cation
SDB-XC
SAX

Size:

17-gauge

Analytical Technique:

LC-MS

Compound(s):

E.Coli

Compound Family:

Proteins

Publication Code: D101

Title: Antibody Isolation and Quantitation using a Novel 96-well Immunoaffinity Membrane

Source(s): ASMS, May 2004

Volume: Page(s): Date: May24-28 2004

Author(s):

Kadkhokayan, Miryam
Mann, Emily

Sample Matrix:

Plasma
Serum

Sorbent:

Azlactone

Size:

96 well

Analytical Technique:

LC-MS

Compound(s):

Antibody
Antigen

Compound Family:

Antibodies
Antigens
Proteins

Publication Code: D128

Title: Single- and multi-STAGE (Stop And Go Extraction) off-line multifunctional systems for MALDI, nanoES, and LC/MS sample pre-treatment

Source(s): ASMS, June 2-6 2002

Volume: Page(s): 187-188 Date: June 2002

Author(s):

Mann, Matthias
Andersen, Jens S
Ishihama, Yasushi
Rappsilber, Juri

Sample Matrix:

SDS-PAGE Gel

Sorbent:

C18
Cation
SAX

Size:

Unknown

Analytical Technique:

MALDI-TOF
Nanoelectrospray

Compound(s):

Unknown

Compound Family:

Proteins

Publication Code: D049**Title:** Purification of Contaminated Peptides and Proteins on synthetic Membrane Surfaces for matrix-Assisted Laser Desorption/Ionization Mass Spectrometry**Source(s):** Analytical Chemistry
Volume: 70

Page(s): 750-756 Date: 1998

Author(s):,
,
,
Woods, A. S
Cotter, R. J
Worrall, T. A**Sample Matrix:**

Water

Sorbent:C8
C18**Size:**

47 mm

Analytical Technique:MALDI
MALDI/MS**Compound(s):**Cytochrome c
peptides**Compound Family:**Peptide
Proteins**Publication Code: D143****Title:** Advances in the analysis of proteins and peptides by capillary electrophoresis with matrix-assisted laser desorption/ionization and electrospray-mass spectrometry detection (Review article)**Source(s):** Electrophoresis
Volume: 26

Page(s): 1254-90 Date: 2005

Author(s):

Stutz, Hanno Dr.

Sample Matrix:Aqueous Humor
Cell lysate**Sorbent:**SDB-XC
C2**Size:****Analytical Technique:**

CE/MS

Compound(s):

peptides

Compound Family:Peptide
Proteins**Publication Code: D145****Title:** New approaches in clinical chemistry: on-line analyte concentration and microreaction capillary electrophoresis for the determination of drugs, metabolic intermediates, and biopolymers in biological fluids**Source(s):** Journal of Chromatography B
Volume: 697

Page(s): 37-66 Date: 1997

Author(s):Naylor, Stephen
Tomlinson, Andy J
Rada, Pedro
Paez, Ximena
Hernandez, L.
Schaufelberger, Daniel
Park, SungAe S
Guzman, Norberto A**Sample Matrix:**

Urine

Sorbent:C18
SDB-XC**Size:****Analytical Technique:**

CE/MS

Compound(s):Haloperidol
Bence Jones Protein**Compound Family:**Neuropeptide
Proteins

Publication Code: D148

Title: Comparison of protein mixtures in aqueous humor by membrane preconcentration-capillary electrophoresis-mass spectrometry

Source(s): Electrophoresis
Volume: 19

Page(s): 2361-70 Date: 1998

Author(s):

Naylor, Stephen
Johnson, Douglas H
Tomlinson, Andy J
Rohde, E.

Sample Matrix:

Aqueous Humor

Sorbent:

C2

Size:

Analytical Technique:

CE/MS

Compound(s):

Compound Family:

Proteins
