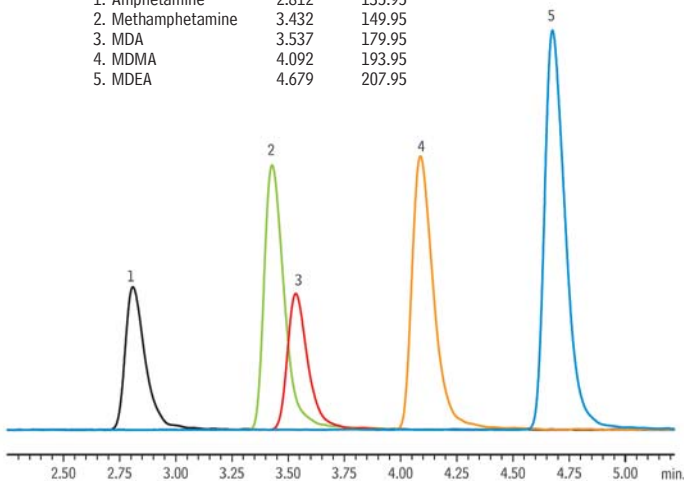


Amphetamines on Ultra II® Biphenyl (LC/MS)



Peaks	RT (min.)	m/z
1. Amphetamine	2.812	135.95
2. Methamphetamine	3.432	149.95
3. MDA	3.537	179.95
4. MDMA	4.092	193.95
5. MDEA	4.679	207.95



LC_CF0518

Column Ultra II® Biphenyl (cat.# 9609552)
 Dimensions: 50 mm x 2.1 mm ID
 Particle Size: 5 µm
 Pore Size: 100 Å
 Temp.: 30 °C

Sample
 Diluent: mobile phase
 Conc.: 2 µg/mL
 Inj. Vol.: 5 µL

Mobile Phase

A: 0.1% formic acid in water
 B: 0.1% formic acid in methanol

Time (min.)	Flow (mL/min.)	%A	%B
0	0.3	80	20
10	0.3	5	95
10.1	0.3	80	20
12.0	0.3	80	20

Detector Shimadzu 2010EV
 Acquisition Type: Scan
 Scan Speed: 2000 amu/sec.
 Heat Block: 200 °C
 Interface: ESI+
 Interface Temp.: 250 °C
 Scan Range: 100 - 250 amu
 Event Time: 0.1 sec.

Instrument Shimadzu UFLCXR

Notes Data were collected in scan mode. An extracted ion chromatogram is shown.

For more information on Biphenyl columns, visit
www.restek.com/biphenyl

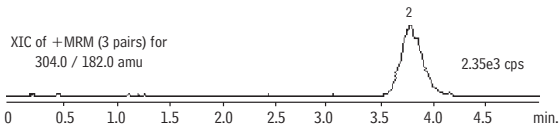
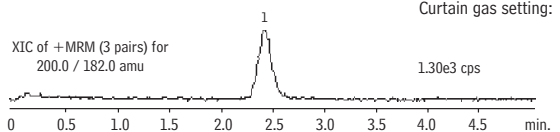
Cocaine and Ecgonine Methyl Ester on
 Allure® PFP Propyl (LC/MS/MS)

Peak List:
 1. EME (ecgonine methyl ester)
 2. COC (cocaine)

Sample:
 Inj.: 10 µL
 Conc.: 1 µg/mL
 Solvent: water
 Temp.: 4 °C

Column: Allure® PFP Propyl
 Cat.#: 9169532
 Dimensions: 30mm x 2.1mm
 Particle size: 5 µm
 Pore size: 60 Å

Conditions:
 Mobile phase: 5mM ammonium formate, pH 3.0; acetonitrile (10:90, v/v)
 Flow: 0.6 mL/min.
 Column temp.: ambient
 Det.: Applied Biosystems/MDS SCIEX API 3200™ MS/MS system
 Interface: turbo ion spray, ESI
 Interface temp.: 150 °C
 Ion mode: positive
 ESI probe voltage: 5,000V
 Orifice: + 71V
 Ring: + 265V
 Collision gas: nitrogen
 Collision gas pressure: 2.2 mTorr
 Collision gas energy: 28 eV (COC)
 26 eV (EME)
 Electron multiplier: 2,100 volts
 Auxiliary gas flow: 7,000cc/min.
 Nebulizer gas setting: 15lb/in.²
 Curtain gas setting: 12lb/in.²



Data Courtesy of Shane Needham, Pfizer Inc.

LC_0126

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