

Cocaine and Ecgonine Methyl Ester on Allure® PFP Propyl

Peak List:

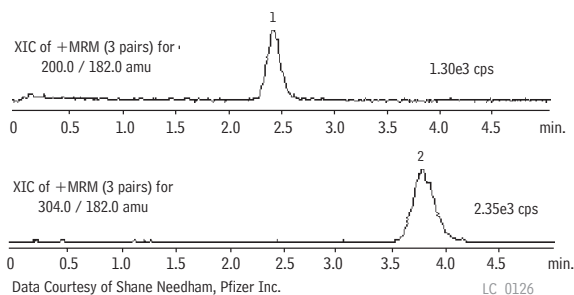
1. EME (ecgonine methyl ester)
2. COC (cocaine)

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: 60Å

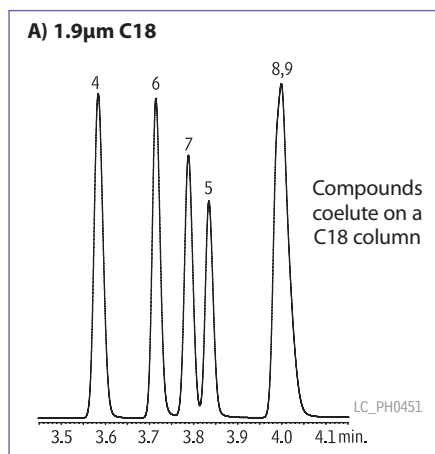


Conditions:

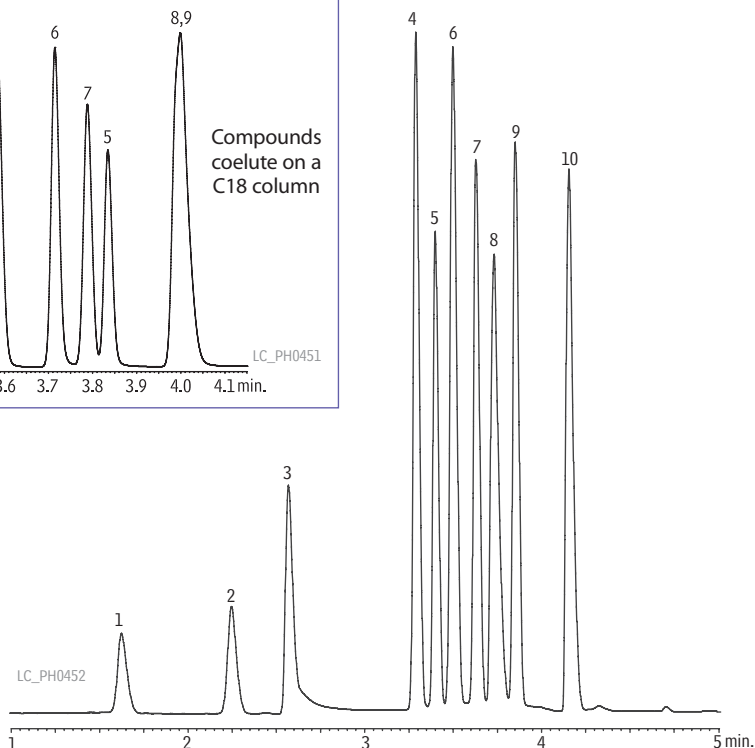
Mobile phase: 5mM ammonium formate, pH 3.0: acetonitrile (10:90, v/v)
 Flow: 0.6mL/min.
 Column temp.: ambient
 Det.: Applied Biosystems/MDS SCIEX API 3200™ MS/MS system turbo ion spray, ESI
 Interface: 150°C
 Interface temp.: positive
 Ion mode: 5000V
 ESI probe voltage: + 71V
 Orifice: + 265V
 Ring: nitrogen
 Collision gas: 2.2 mTorr
 Collision gas pressure: 28 eV (COC)
 Collision gas energy: 26 eV (EME)
 Electron multiplier: 2100 volts
 Auxiliary gas flow: 7000cc/min.
 Nebulizer gas setting: 15lb/in.²
 Curtain gas setting: 12lb/in.²

Benzodiazepines on 1.9µm Pinnacle™ DB PFP Propyl

new!



B) 1.9µm Pinnacle™ DB PFP Propyl



Peak List:

Peak List:	Conc (µg/ml)
1. 7-amino clonazepam*	20
2. 7-amino flunitrazepam*	20
3. bromazepam	100
4. oxazepam	100
5. lorazepam	100
6. clonazepam	100
7. nitrazepam	100
8. nordiazepam	100
9. flunitrazepam	100
10. diazepam	100
* metabolite	

Sample:

Inj.: 1 µL
 Conc.: as listed
 Sample diluent: starting mobile phase (80:20 A:B)

Column:

A. 1.9µm C18
 B. 1.9µm Pinnacle™ DB PFP Propyl
 Cat.#: A. 9414212
 B. 9419212
 Dimensions: 100mm x 2.1mm
 Particle size: 1.9µm
 Pore size: 140Å

Conditions:

Mobile phase: A: 0.1% formic acid in water
 B: 0.1% formic acid in acetonitrile

Time (min.)	%B
0	20
1	20
6	80

Flow: 0.6mL/min.
 Temp.: 40°C
 Det.: UV @ 254nm