Celerity Deluxe DVB SPE Cartridges

Compound:

Peptide

SPE EXTRACTION METHOD:

(Celerity Deluxe cartridge, 30 mg/ 1 cc, Catalog# SYCY6030-01)

Sample Pretreatment:
50 µL plasma sample– 50 µL DTT, incubate at 37C for 30 min; Add 50 µL of 1% formic acid

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Condition:
1mL of acetonitrile, followed by 1 mL of 0.1% formic acid in water

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Load:
Pretreated plasma sample

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Wash:
1mL of 0.1% formic acid in water

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Elute:
1mL of 0.5% formic acid in acetonitrile

Evaporate and Reconstitute:
0.1mL 0.1% formic acid in 10% ACN

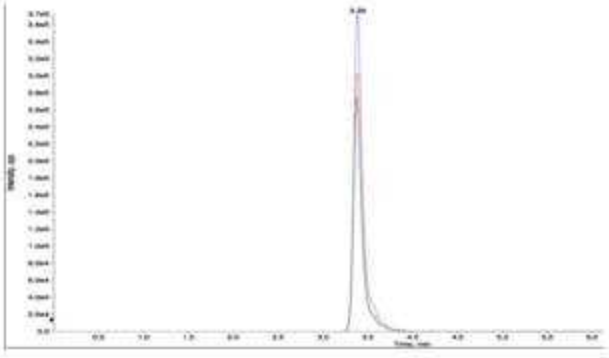
HPLC METHOD:

HPLC column: Reliasil™ C18 50x4.6mm, 3µm
Moblie phase: gradient from 0.1% formic acid in 10% ACN to 0.1% formic acid in 50% ACN
Flow rate: 0.5 ml/min

MS/MS CONDITIONS:

Mass spectrometer: API3000

Ion source:	Turbo APCI
Polarity:	Positive
Scan mode:	MRM:
Temp:	400
DP:	20
CAD:	12
CE:	17

Results

Recovery: 87%; CV%: 5.6%