

Sample Preparation

800 μ L sample solution :
Add TFA to tryptic digest
sample and adjust the
TFA final concentration
to 0.1 %.

Centrifugation
Speed : 2,300 x g



Centrifuge

30 sec
x 2 times



Centrifuge

2 mins



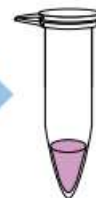
Centrifuge

1 min



Centrifuge

2 mins



1. Conditioning

Add 200 μ L acetonitrile
↓ Centrifuge
Add 200 μ L 0.1 % TFA
aqueous solution

2. Adsorption

Add 800 μ L
sample solution

3. Rinsing

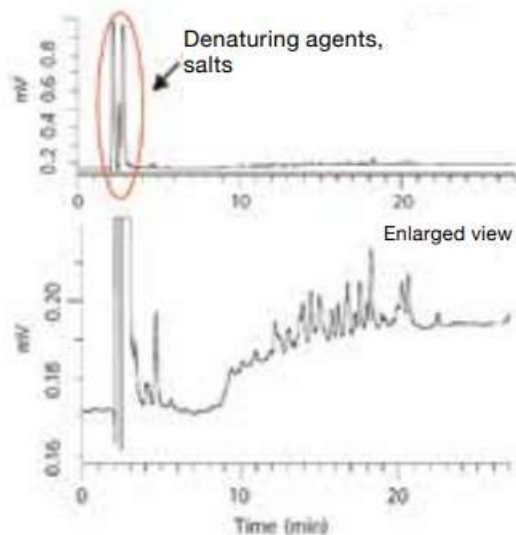
Add 200 μ L 0.1 %
TFA aqueous
solution

4. Elution

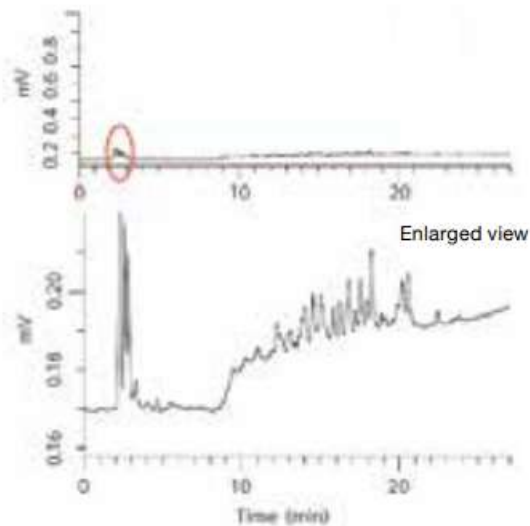
Add 200 μ L
60 % acetonitrile

**Desalted
Sample**

Without MonoSpin C18



Desalting using MonoSpin C18



Conditions

Column : Inertsil ODS-3
(3 μ m, 150 x 2.1 mm I.D.)
Eluent : A) H₂O (0.1 % TFA)
B) Acetonitrile (0.1 % TFA)
A/B = 90/10 - 20 min - 50/50
Flow Rate : UV 210 nm
Col. Temp. : 0.2 mL/min
Detection : 40 °C
Sample : Digested BSA 2 μ L