

**Conditions**

**Column:** ACE 3 C18  
**Dimensions:** 100 x 2.1 mm  
**Part Number:** ACE-111-1002  
**Mobile Phase:** A: 0.1% formic acid in H<sub>2</sub>O  
 B: 0.1% formic acid in MeCN  
**Gradient:**

Time (mins)	%B
0	15
5	100
6	100

**Flow Rate:** 0.25 mL/min

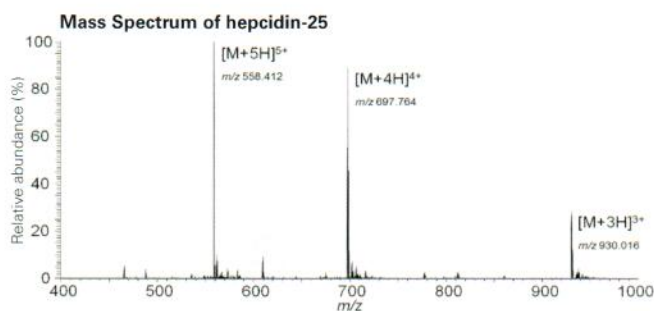
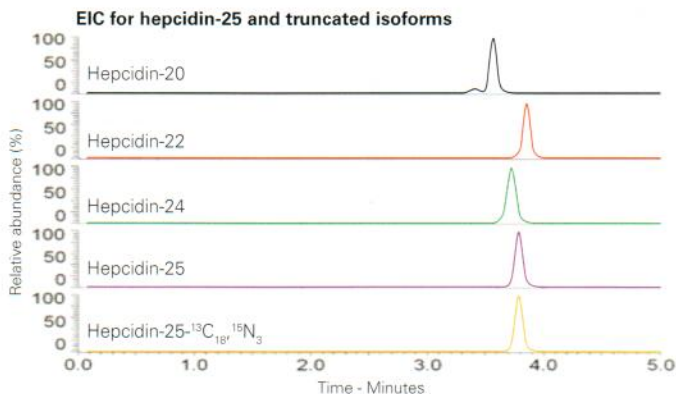
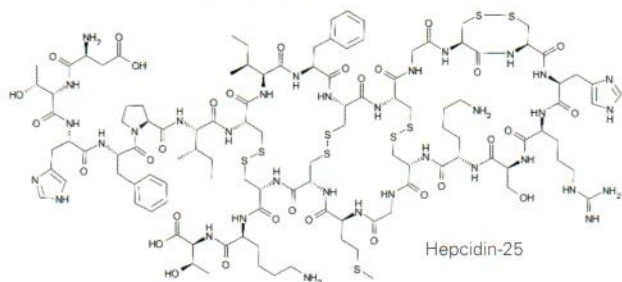
**Injection:** 100 µL

**Temperature:** 60 °C

**Detection:** ThermoFisher Scientific Q-Exactive™ high resolution MS  
 Heated electrospray ionisation (positive mode)  
 Spray voltage: 4.5 kV  
 Vaporiser temperature: 200 °C  
 Capillary temperature: 320 °C  
 Detection: Full scan *m/z* 400 – 1000  
 Extracted ion chromatogram from sum of 6 most abundant isotopes of +3, +4 and +5 charge states

**Analyte**

1. Hepcidin-25  
 (MW 2789)



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**Herbicide – Benfluralin**

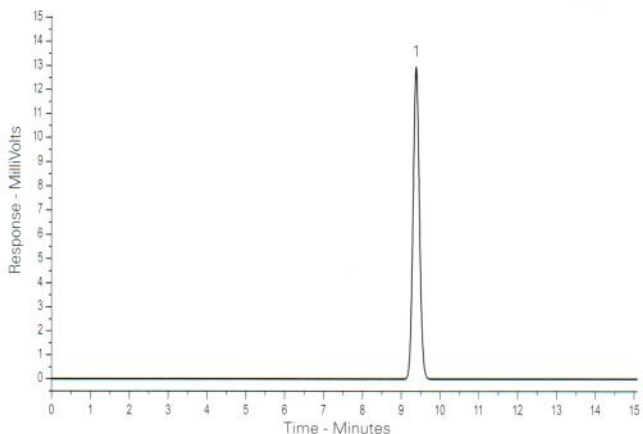
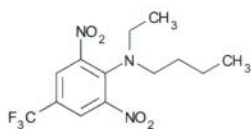
Application #AN2880

**Conditions**

**Column:** ACE 5 C18  
**Dimensions:** 250 x 4.6 mm  
**Part Number:** ACE-121-2546  
**Mobile Phase:** H<sub>2</sub>O/MeOH (15:85 v/v)  
**Flow Rate:** 1 mL/min  
**Temperature:** Ambient  
**Detection:** UV, 254 nm

**Analyte**

1. Benfluralin



**Herbicide – Trifluralin**

Application #AN2890

**Conditions**

**Column:** ACE 5 C18  
**Dimensions:** 250 x 4.6 mm  
**Part Number:** ACE-121-2546  
**Mobile Phase:** H<sub>2</sub>O/MeOH (15:85 v/v)  
**Flow Rate:** 1 mL/min  
**Temperature:** Ambient  
**Detection:** UV, 254 nm

**Analyte**

1. Trifluralin

