

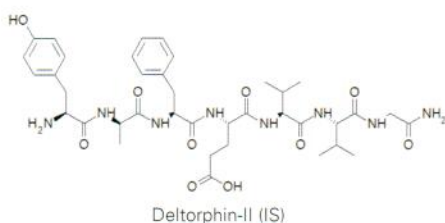
Conditions

Column: ACE 3 C18
Dimensions: 100 x 2.1 mm
Part Number: ACE-111-1002
Mobile Phase: A: 0.2% formic acid in H₂O
 B: 0.2% formic acid in MeCN
Gradient:

Time (mins)	%B
0.00	5
0.20	5
8.00	95
8.50	95
8.51	5
12.50	5

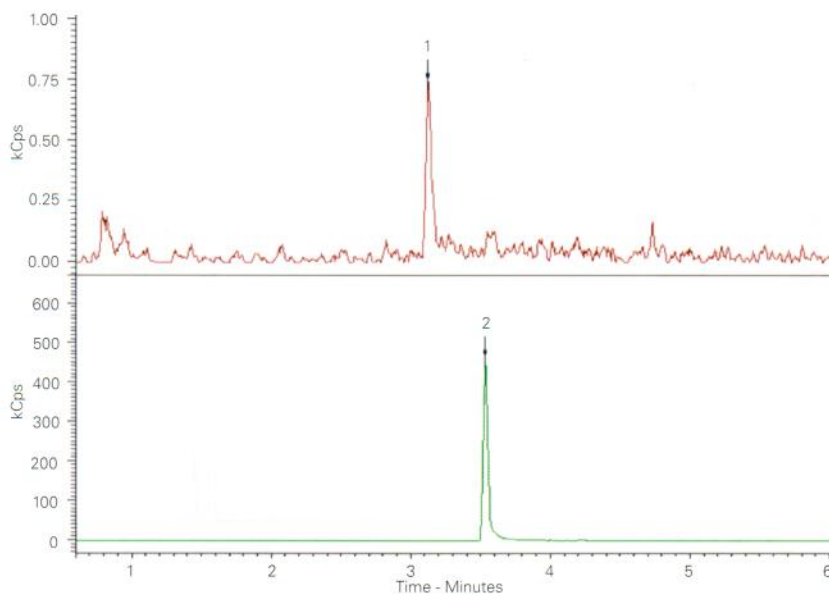
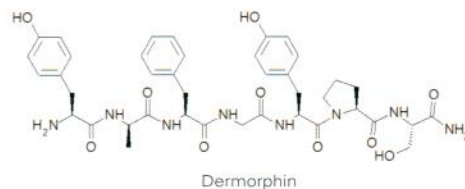
Flow Rate: 0.4 mL/min
Injection: 40 µL
Detection: Bruker EVOQ Elite triple quad MS
 VIP heated-ESI temperature: 350 °C
 Cone gas temperature: 250 °C
 Spray voltage: +4000 V

Accurate quantification of dermorphin in equine urine in range 0.05 – 100 ng/mL
 LLOQ = 0.05 ng/mL



Analytes

1. Dermorphin
 (m/z 803.4 → 602 (Quantifier ion)
 (m/z 803.4 → 202 (Qualifier ion))
2. Deltorphin-II (IS)
 (m/z 783 → 277)



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Didanosine

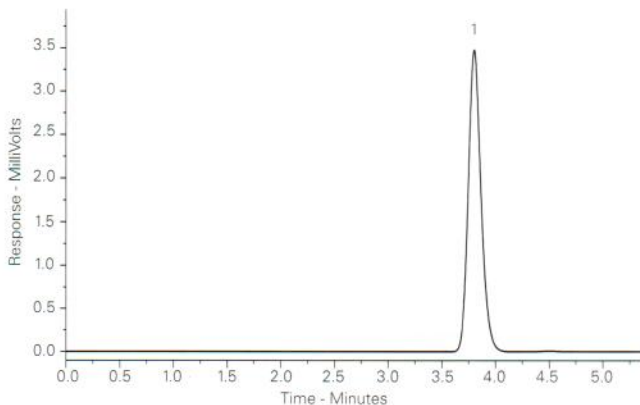
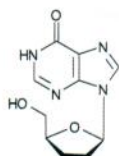
Application #AN3590

Conditions

Column: ACE 5 C18-HL
Dimensions: 250 x 4.6 mm
Part Number: ACE-321-2546
Mobile Phase: 50 mM ammonium acetate
 pH 8.0/MeOH (80:20 v/v)
Flow Rate: 1.5 mL/min
Temperature: Ambient
Detection: UV, 254 nm

Analyte

1. Didanosine



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Diuretics (Isocratic)

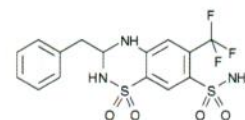
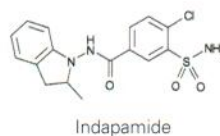
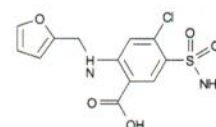
Application #AN2140

Conditions

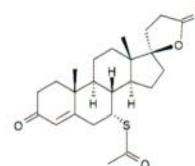
Column: ACE Excel 2 C18-PFP
Dimensions: 50 x 3.0 mm
Part Number: EXL-1010-0503U
Mobile Phase: 10 mM ammonium formate
 pH 3.0 in MeOH/H₂O (45:55 v/v)
Flow Rate: 1 mL/min
Injection: 2 µL
Temperature: 60 °C
Detection: UV, 254 nm

Analytes

1. Furosemide
2. Indapamide
3. Bendroflumethiazide
4. Spironolactone



Bendroflumethiazide



Spironolactone

