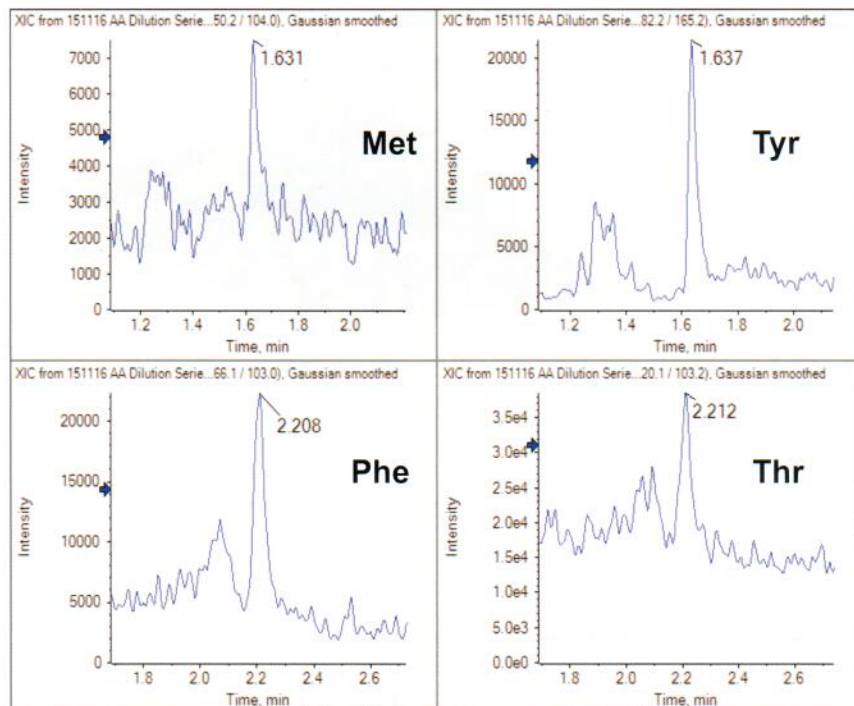


MRM extracted ion chromatograms for four amino acids each at 1 fmol on-column



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Available from



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www.chromatographyshop.com

Amino Acids Derivatised with Dabsyl Chloride

Application #AN3420

Conditions

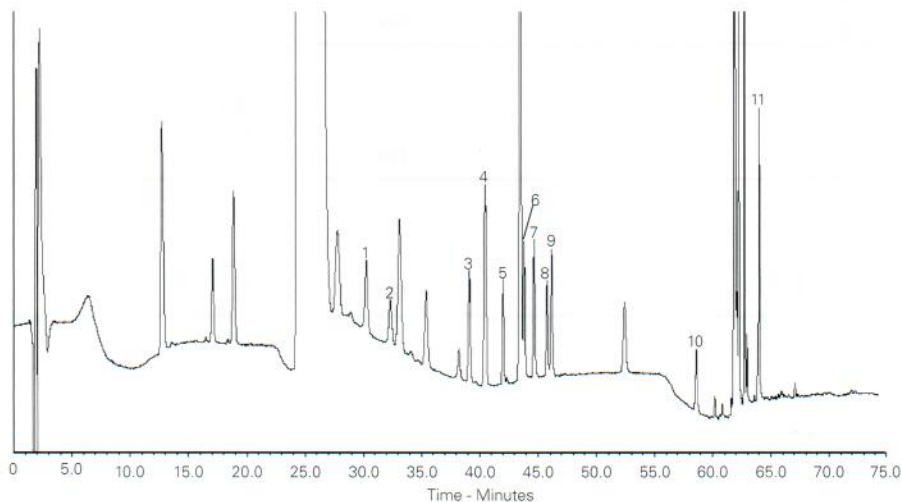
Column: ACE 3 C18
Dimensions: 150 x 3.0 mm
Part Number: ACE-111-1503
Mobile Phase: A: 10 mM KH₂PO₄ buffer (pH 6.55)
B: MeCN/2-Propanol (70:30 v/v)
Gradient:

Time (mins)	%B
0.0	10
3.0	18
17.0	18
27.0	22
35.0	22
50.0	35
57.0	35
70.0	65
70.1	65
89.0	10
90.0	10

Flow Rate: 0.5 mL/min
Injection: 20 µL
Temperature: 50 °C
Detection: UV, 436 nm (PDA detector)

Analytes

- | | | |
|----------------|-----------------|------------------|
| 1. L-Arginine | 5. L-Methionine | 9. L-Leucine |
| 2. L-Threonine | 6. L-Isoleucine | 10. Ammonium ion |
| 3. L-Proline | 7. L-Tryptophan | 11. L-Lysine |
| 4. L-Valine | 8. L-Norleucine | |



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