Metabolomics and Biochemical Genetics - Acylglycines

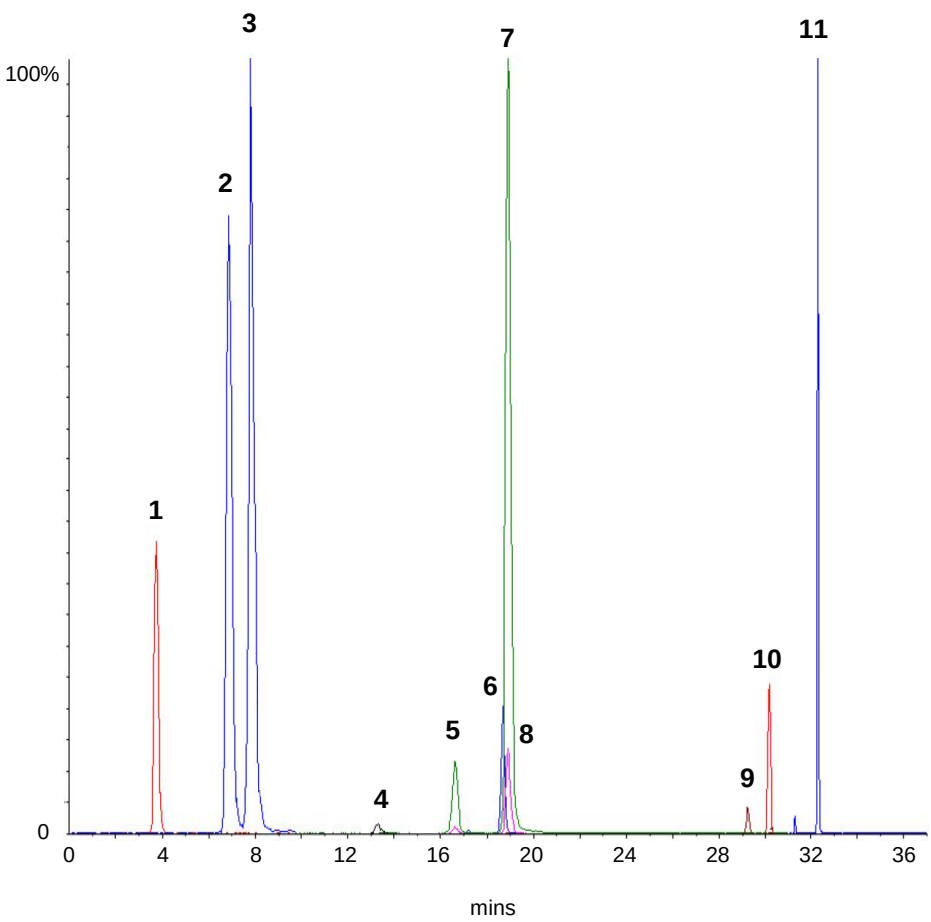
ACE® Ultra-inert UHPLC & HPLC Columns

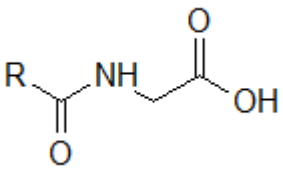
Application #AN4080

Conditions

Column:	ACE 3 C18-PFP
Dimensions:	150 x 2.1 mm
Part Number:	ACE-1110-1502
Mobile Phase:	A: 0.1% formic acid in H_2O B: 0.1% formic acid in MeCN
Detection:	Sciex API 4000 triple quad MS ESI in negative ion mode
Sample:	Urine / plasma sample is filtered and extracted with ice-cold methanol, evaporated to dryness and reconstituted in 0.1% formic acid in water

Please contact info@ace-hplc.com for additional information on the chromatographic conditions used for this analysis.





1. Propionylglycine (*m/z* 130 → 74)
2. Isobutyrylglycine (*m/z* 144 → 74)
3. Butyrylglycine (*m/z* 144 → 74)
4. 2-Methylbutyrylglycine (*m/z* 158 → 74)
5. Isovalerylglycine (*m/z* 158 → 74)
6. Tiglylglycine (*m/z* 156 → 112)
7. Valerylglycine (*m/z* 158 → 74)
8. 3-Methylcrotonylglycine (*m/z* 156 → 74)
9. Suberylglycine (*m/z* 230 → 74)
10. Hexanoylglycine (*m/z* 172 → 74)
11. Trans-Cinnamoylglycine (*m/z* 204 → 160)

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