

Metabolomics and Biochemical Genetics

- Acylglycines

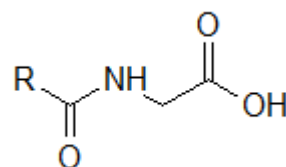
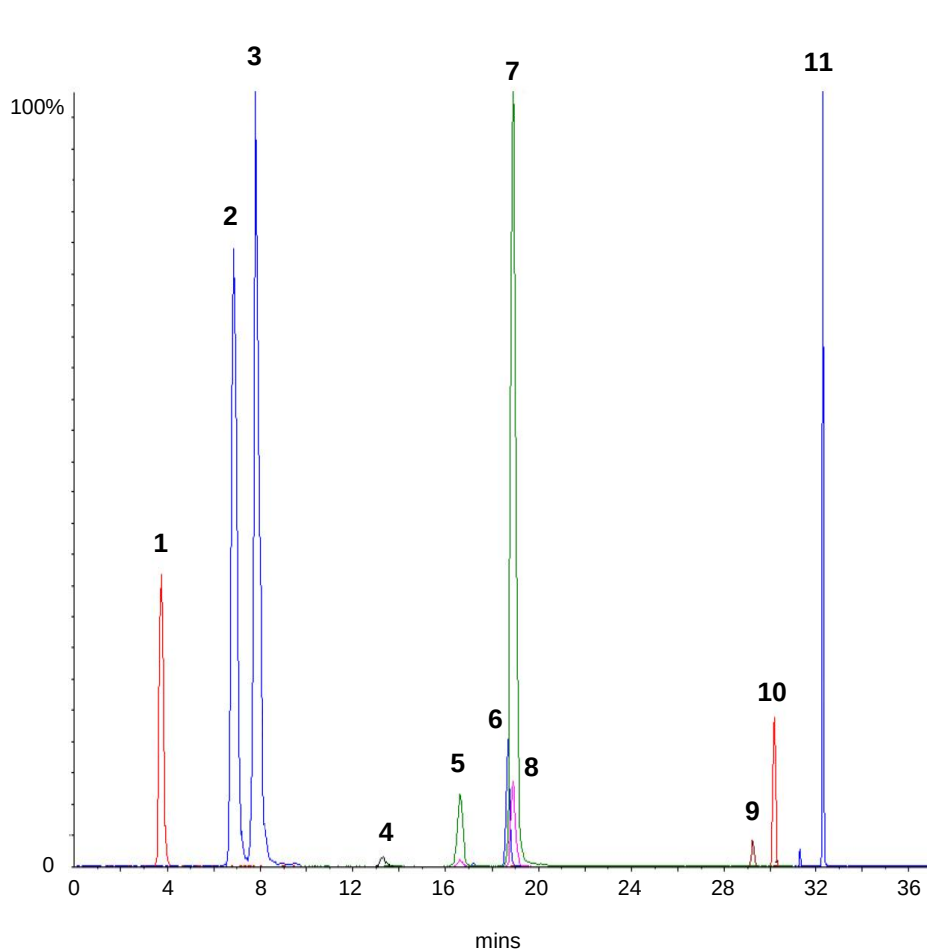
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Application #AN4080

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 H₂O
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 $\rightarrow$ 74)
2. Isobutyrylglycine (m/z 144 $\rightarrow$ 74)
3. Butyrylglycine (m/z 144 $\rightarrow$ 74)
4. 2-Methylbutyrylglycine (m/z 158 $\rightarrow$ 74)
5. Isovalerylglcyine (m/z 158 $\rightarrow$ 74)
6. Tiglylglycine (m/z 156 $\rightarrow$ 112)
7. Valerylglcyine (m/z 158 $\rightarrow$ 74)
8. 3-Methylcrotonylglycine (m/z 156 $\rightarrow$ 74)
9. Suberylglcyine (m/z 230 $\rightarrow$ 74)
10. Hexanoylglycine (m/z 172 $\rightarrow$ 74)
11. Trans-Cinnamoylglycine (m/z 204 $\rightarrow$ 160)

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