

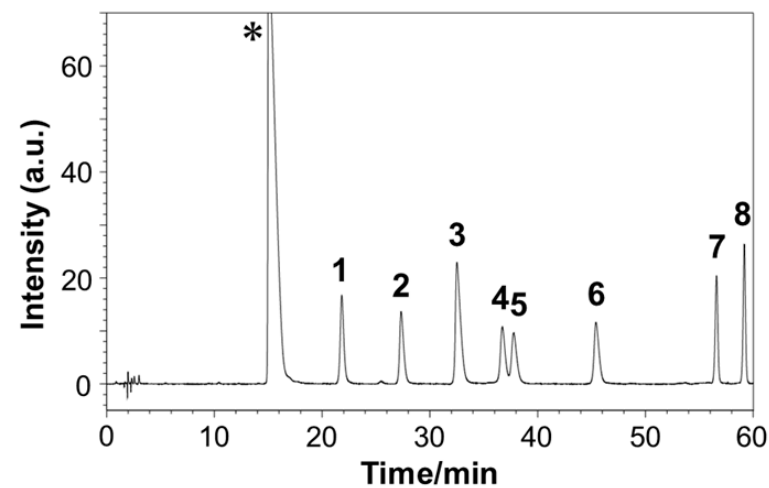
## COSMOSIL Application Data

Column: COSMOSIL 3C<sub>18</sub>-EB  
 Column size: 2.0 mm I.D.-150 mm  
 Mobile phase: A; 0.1% Formic Acid-Methanol/ H<sub>2</sub>O = 30/70  
 B; 0.1% Formic Acid-Methanol/ H<sub>2</sub>O = 60/40  
 B conc. 10→35 % (0→40 min), 35→100 % (40→60 min)  
 Flow rate: 0.2 ml/min  
 Temperature: 40 °C  
 Detection: UV340 nm

Sample: L-DVDA-derivatives  
 1; L- $\alpha$ -Aminobutyric Acid [L-AABA]      5; L- $\beta$ -Aminoisobutyric Acid [L-BAIBA]  
 2; L- $\beta$ -Aminobutyric Acid [L-BABA]      6; D- $\beta$ -Aminobutyric Acid [D-BABA]  
 3;  $\gamma$ -Aminobutyric Acid [GABA]          7;  $\alpha$ -Aminoisobutyric Acid [AAIBA]  
 4; D- $\beta$ -Aminoisobutyric Acid [D-BAIBA]   8; D- $\alpha$ -Aminobutyric Acid [D-AABA]  
 \*; L-FDVDA

Derivatization: L-FDVDA

Ref.) *Anal. Methods*, 2023, **15**, 6648–6655



NACALAI TESQUE, INC

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