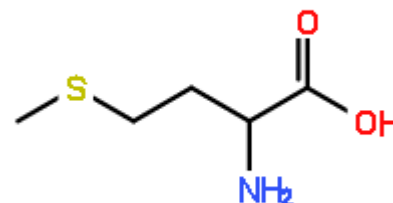


APPLICATION RESULTS

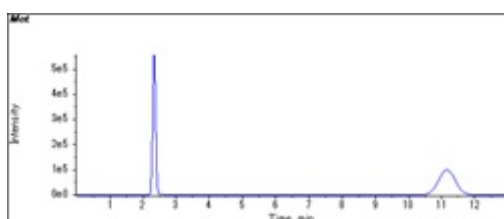
COMPOUND IDENTIFICATION

Compound Name

DL-Methionine



CHROMATOGRAM



ANALYTICAL REPORT

| | | | |
|-----------------------------|--|----------------------|----|
| Column Trade Name | CROWNPAK [®] CR-I(+) | | |
| Column Size (Particle Size) | 3 x 150 mm (5 μm) | | |
| Mobile Phase Composition | acetonitrile / water / trifluoroacetic acid = 96 / 4 / 0.5 | | |
| Chromatographic Mode | HILIC | | |
| Flow rate (mL/min) | 0.4 | Temperature (°C) | 30 |
| Injection Volume (μL) | | Sample Concentration | |
| Detection | LC-MS | | |
| Elution Order | | | |

| No. | Rt | K' | Alpha Value | Resolution |
|-----|------|----|-------------|------------|
| 1 | 2.3 | | 1 - 2 | 15.55 |
| 2 | 11.2 | | | |

Comment

This data was provided by Professor Fukusaki of Osaka University.

References ;

Extra-facile chiral separation of amino acid enantiomers by LC-TOFMS analysis

Yutaka Konya, Takeshi Bamba, Eiichiro Fukusaki

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