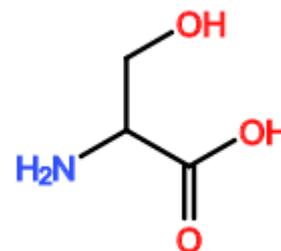


APPLICATION RESULTS

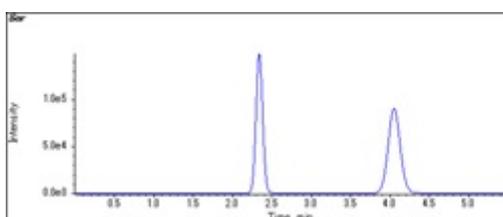
COMPOUND IDENTIFICATION

Compound Name

Serine



CHROMATOGRAM



ANALYTICAL REPORT

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

No.	Rt	K'	Alpha Value	Resolution
1	2.3		1 - 2	7.76
2	4.1			

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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