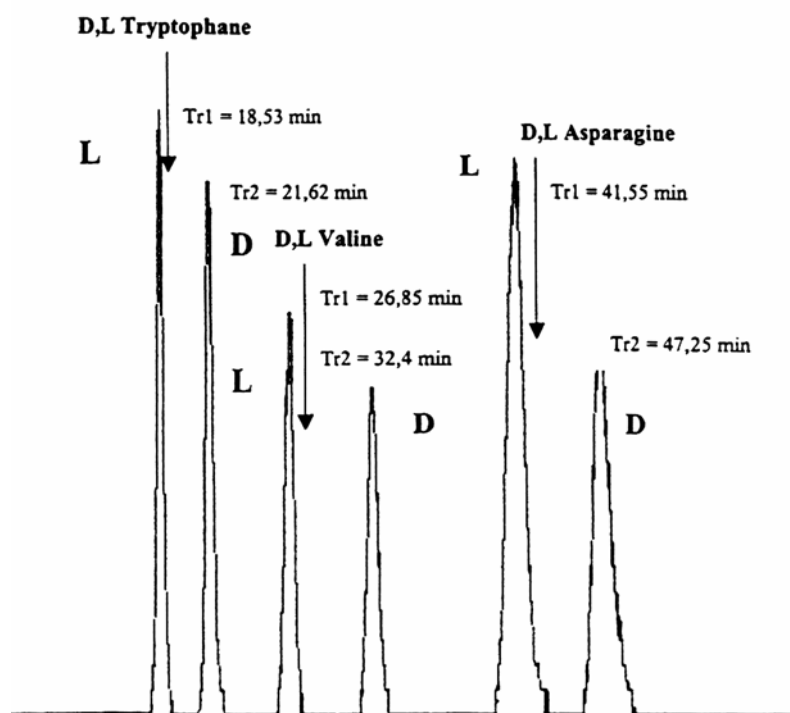


**SAMPLE: SEPARATION OF THREE
AMINO-ACIDS D ET L AMINO-ACID
Direct Enantiomeric Separation**

HPLC



D,L Tryptophane $K'_1 = 3.31$ $\alpha = 1.22$
 $K'_2 = 4.03$ $Rs = 4.03$

D,L Valine $K'_1 = 5.34$ $\alpha = 1.25$
 $K'_2 = 6.52$ $Rs = 4.00$

D,L Asparagine $K'_1 = 8.66$ $\alpha = 1.15$
 $K'_2 = 9.99$ $Rs = 2.40$

CONDITIONS

Column	Chirobiotic T 250 x 4.6 mm
Injected volume	5 μ l (1.5 mg/l)
Mobile phase	Acetonitrile / Water (80/20)
Flow rate	1 ml/min
Gas	Air
Gain	11
Temperature	25°C

Analyzed by : CEA SACLAY – Service des molécules marquées – 91191 GIF/YVETTE CEDEX - FRANCE

S.E.D.E.R.E.

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Application#140