

HPLC Application

ID No.: 13810

N-3,5-Dinitrobenzoylvaline

Column: Chirex® (S)-ICA and (R)-NEA, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-3022-E0

Elution Type: Isocratic

Eluent A: Hexane

Eluent B: Isopropanol

Eluent C: Methanol

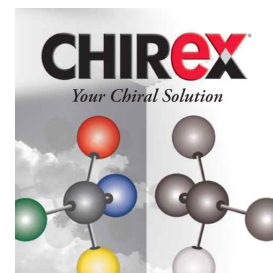
Eluent D: Trifluoroacetic acid

Gradient	Step No.	Time (min)	Pct A	Pct B	Pct C	Pct D
Profile:	1	0	70	20	10	0.2

Flow Rate: 1 mL/min

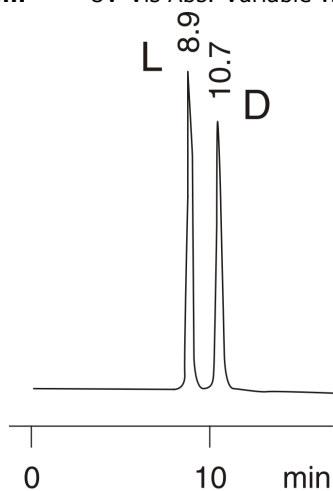
Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)



Products used in this application:

CHIREX



$$\alpha = 1.30$$

ANALYTES:

- 1 L-N-3,5-Dinitrobenzoylvaline

Retention Time: 8.98 min

- 2 D-N-3,5-Dinitrobenzoylvaline

Retention Time: 10.65 min

