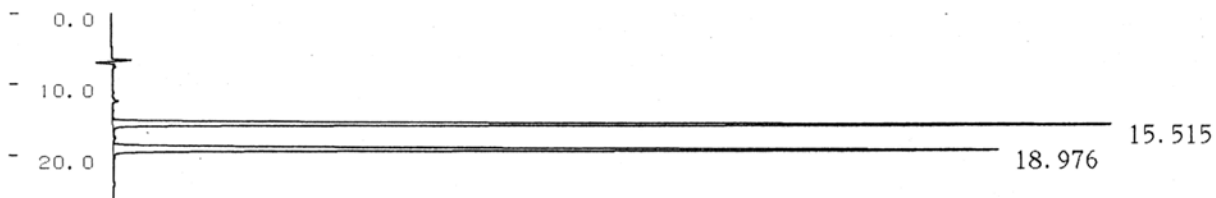


HPLC chart of racemic **8b**

C-RSA CHROMATOPAC CH=1 Report No.=5 DATA=1:KI.C02 00/01/28 12:37:34

Sample Name :
 Sample ID :
 Operator : KEI INOUE
 Comment : CHIRALPAK AS, i-PrOH : HEXANE = 1 : 19, FLOW = 0.5 ml/min. 35 C



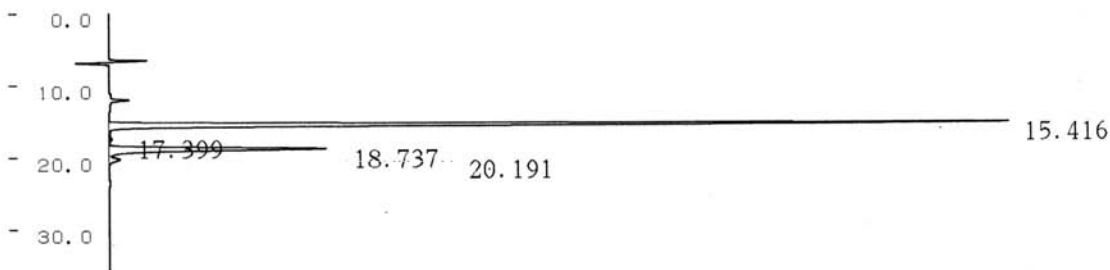
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	15.515	3170725	138220			49.7562	
	2	18.976	3201792	112536			50.2438	
TOTAL			6372517	250755			100	

HPLC chart of **8b** which obtained in the reaction in the presence of $\text{Yb}[(S)\text{-ENP}]_2$

C-RSA CHROMATOPAC CH=1 Report No.=6 DATA=1:@157B.C00 00/02/25 18:07:08

Sample Name :
 Sample ID :
 Operator : KEI INOUE
 Comment : CHIRALPAK AS, i-Pr/HEXANE = 1/19, FLOW = 0.5 mL/min. 35 C



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	15.416	1354244	57631	S		74.8449	
	2	17.399	4524	174	T		0.25	
	3	18.737	424738	13792	V		23.474	
	4	20.191	25895	733	V		1.4311	
TOTAL			1809400	72330			100	