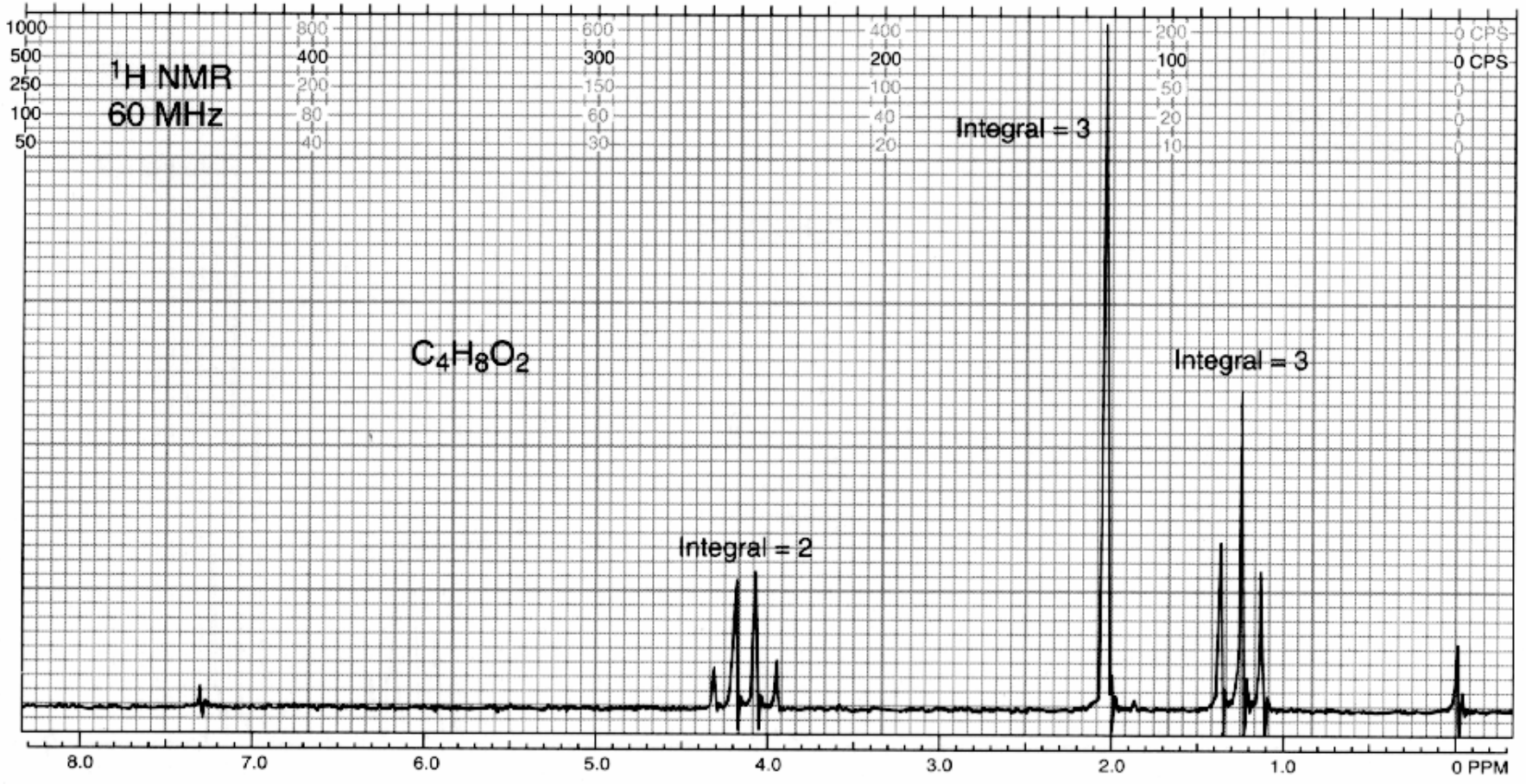
QFL0341 – Estrutura e Propriedades de compostos orgânicos (2019)

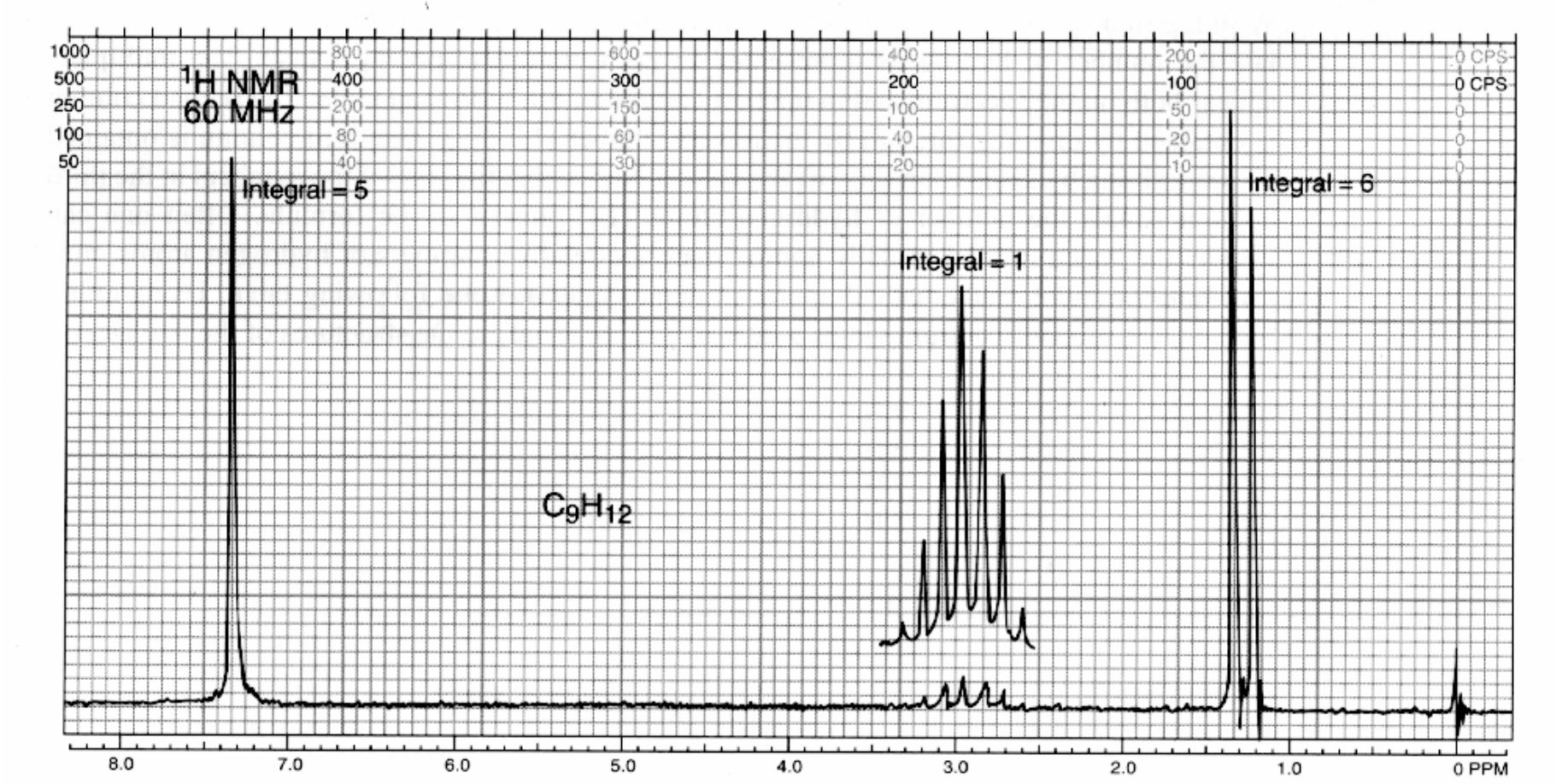
11ª Lista de exercícios:
Determine as estruturas dos compostos orgânicos com base na formulas moleculares e espectros de RMN de ^{1}H (e IV se disponível)

1

Éster - $C_4H_8O_2$ (acetato de etila)

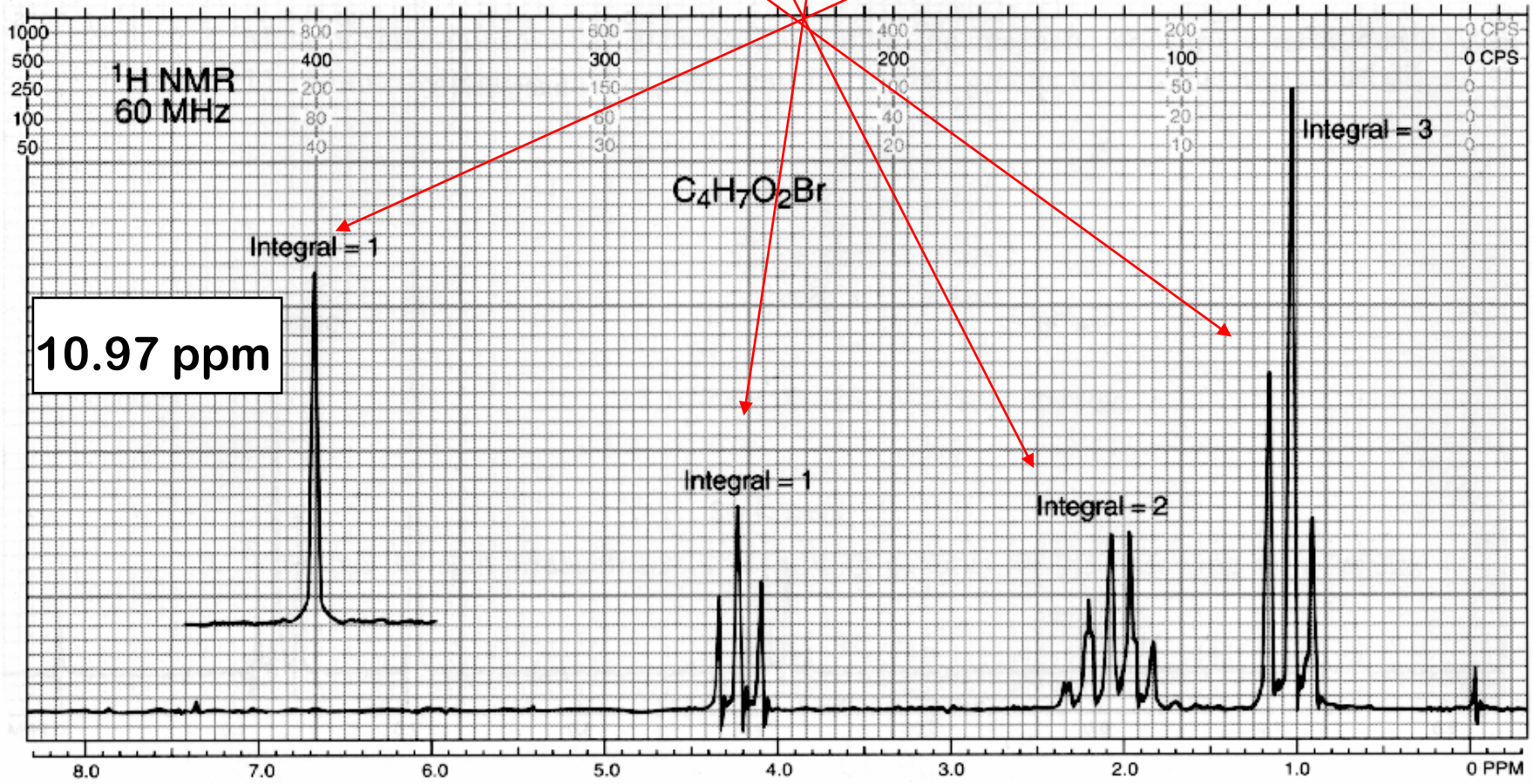


2 Hidrocarboneto aromático monossubstituído C_9H_{12} (isopropilbenzeno)



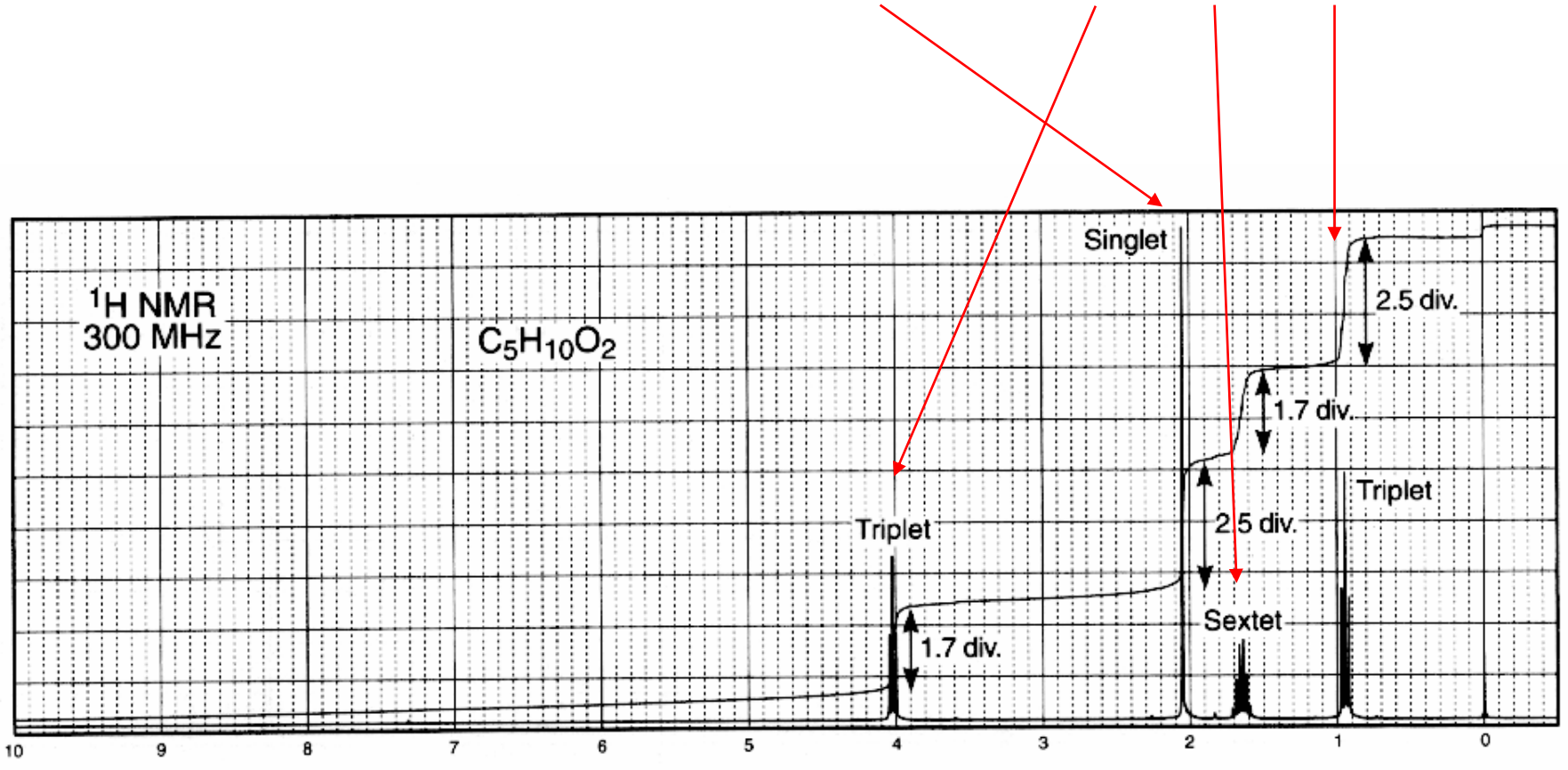
3

Ácido Carboxílico - $C_4H_7O_2Br$ ($CH_3CH_2CHBrCO_2H$)



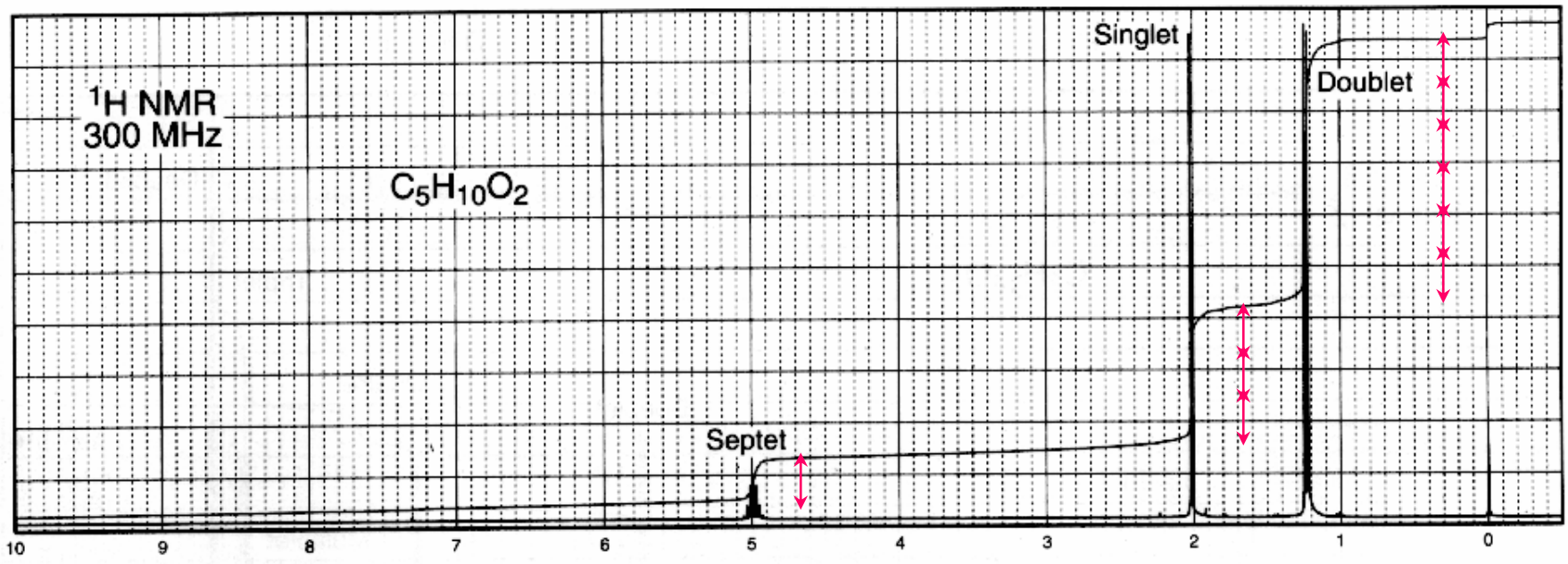
4

Éster ($C_5H_{10}O_2$)
acetato de propila $CH_3COOCH_2CH_2CH_3$)



5

Éster ($C_5H_{10}O_2$)
(Acetato de isopropila)

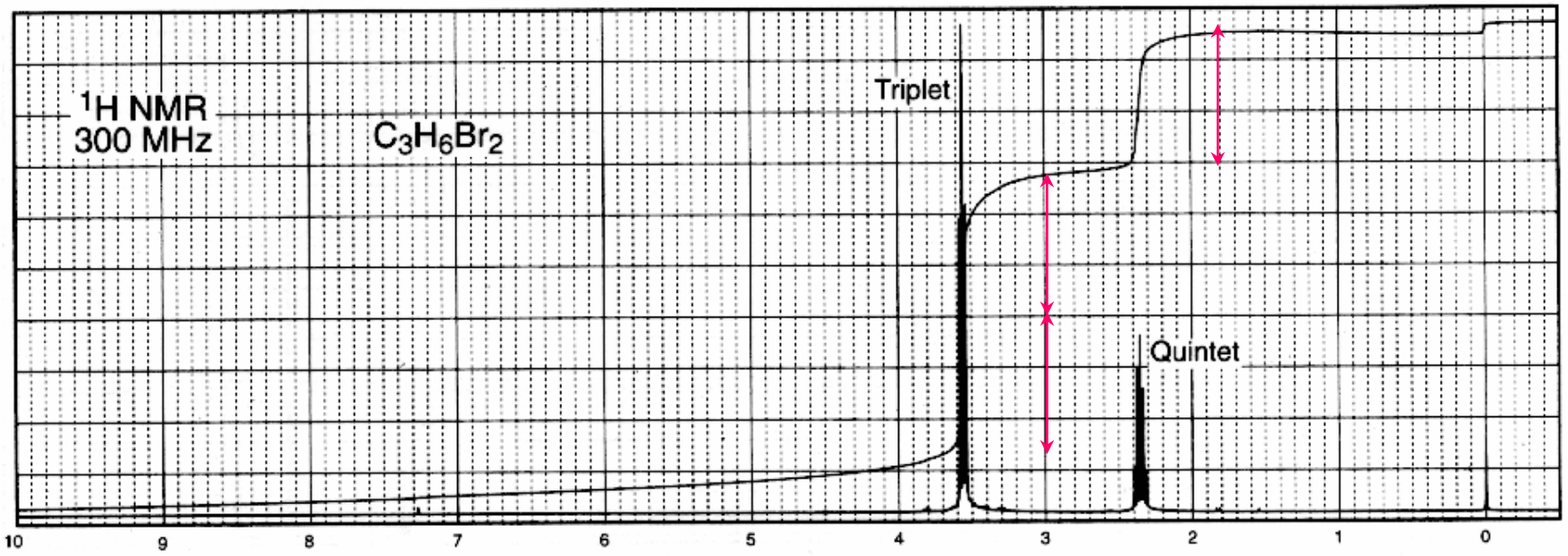


1 : 3 : 6

6

$C_3H_6Br_2$

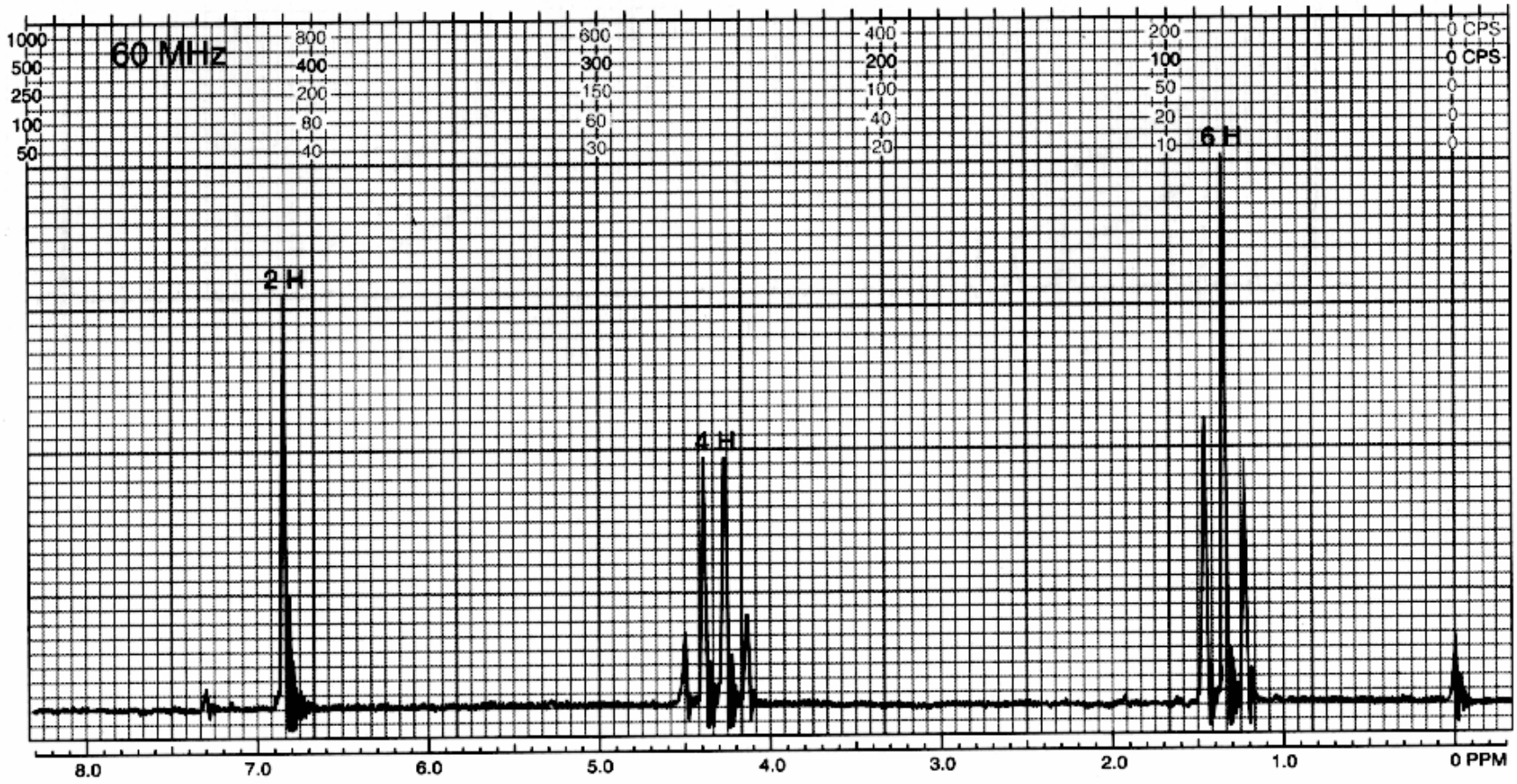
$BrCH_2CH_2CH_2Br$



2 : 1

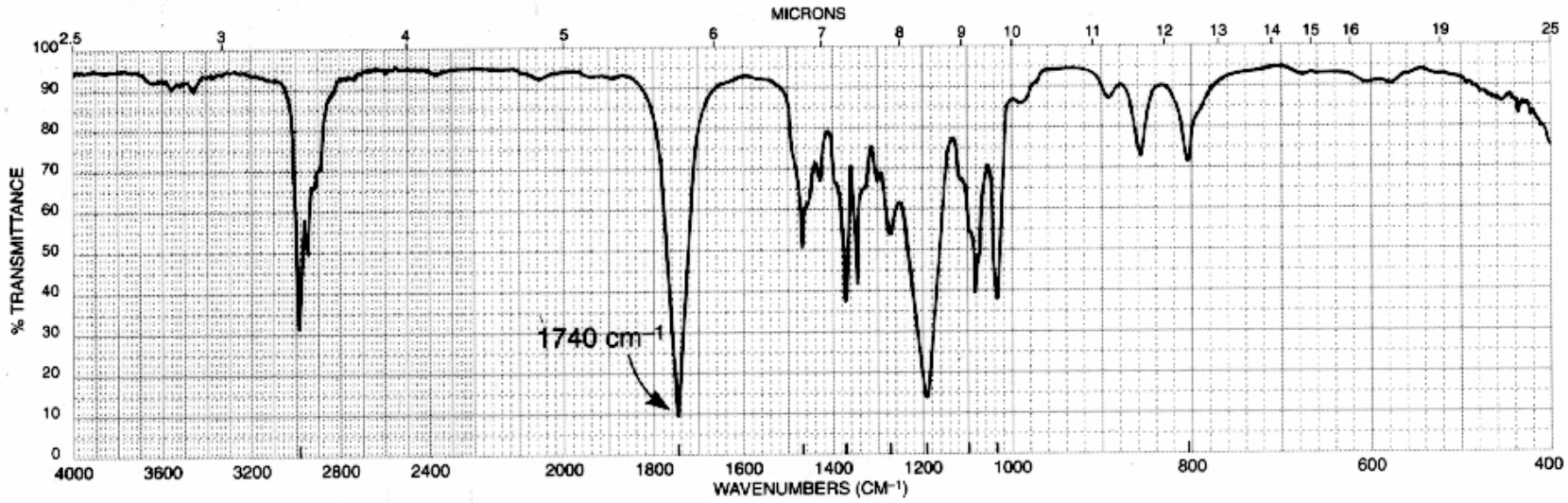
7

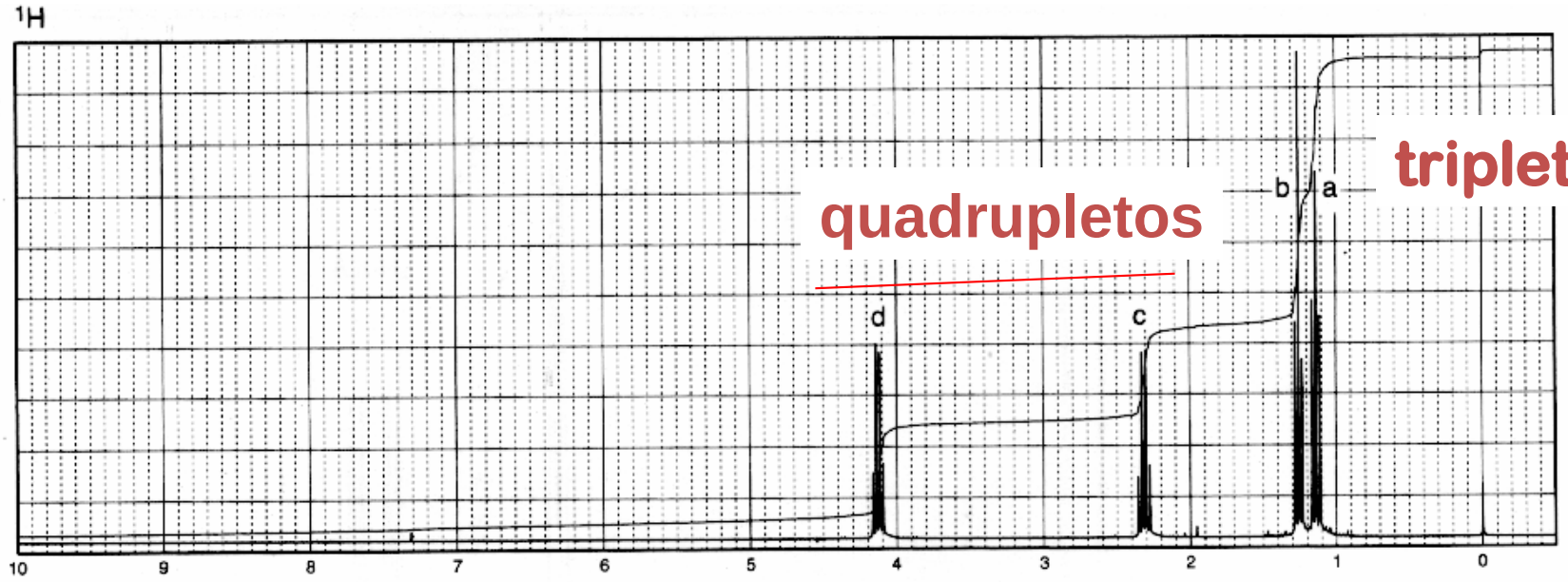
$C_8H_{12}O_4$
fumarato de dietila



8

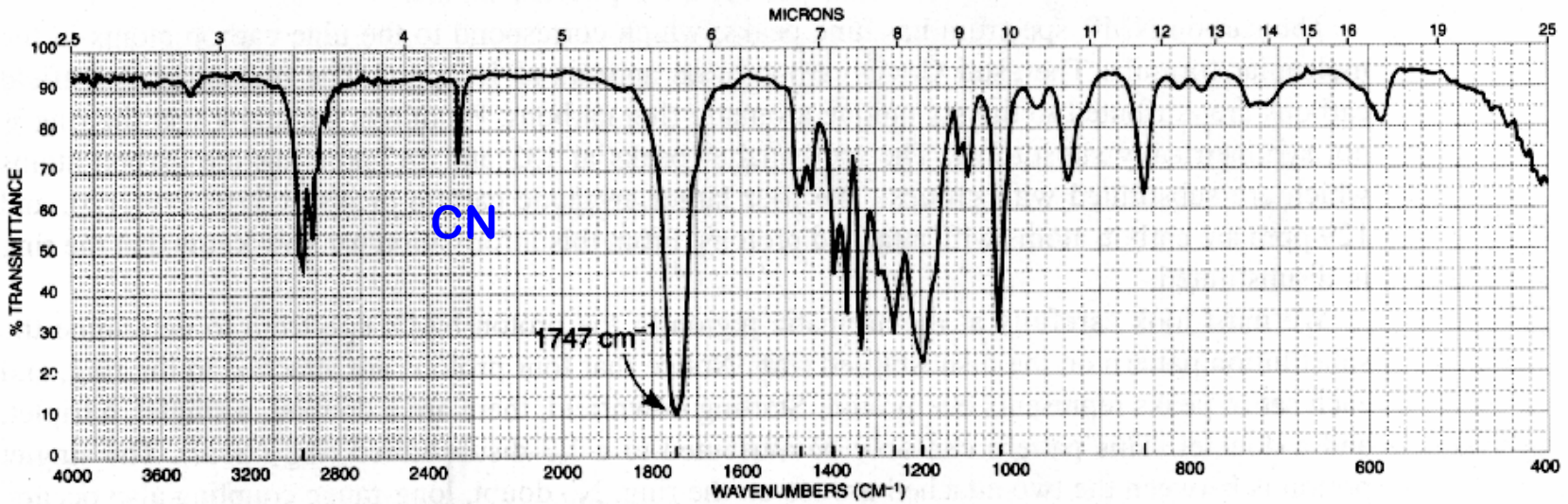
$C_5H_{10}O_2$
Propionato de etila

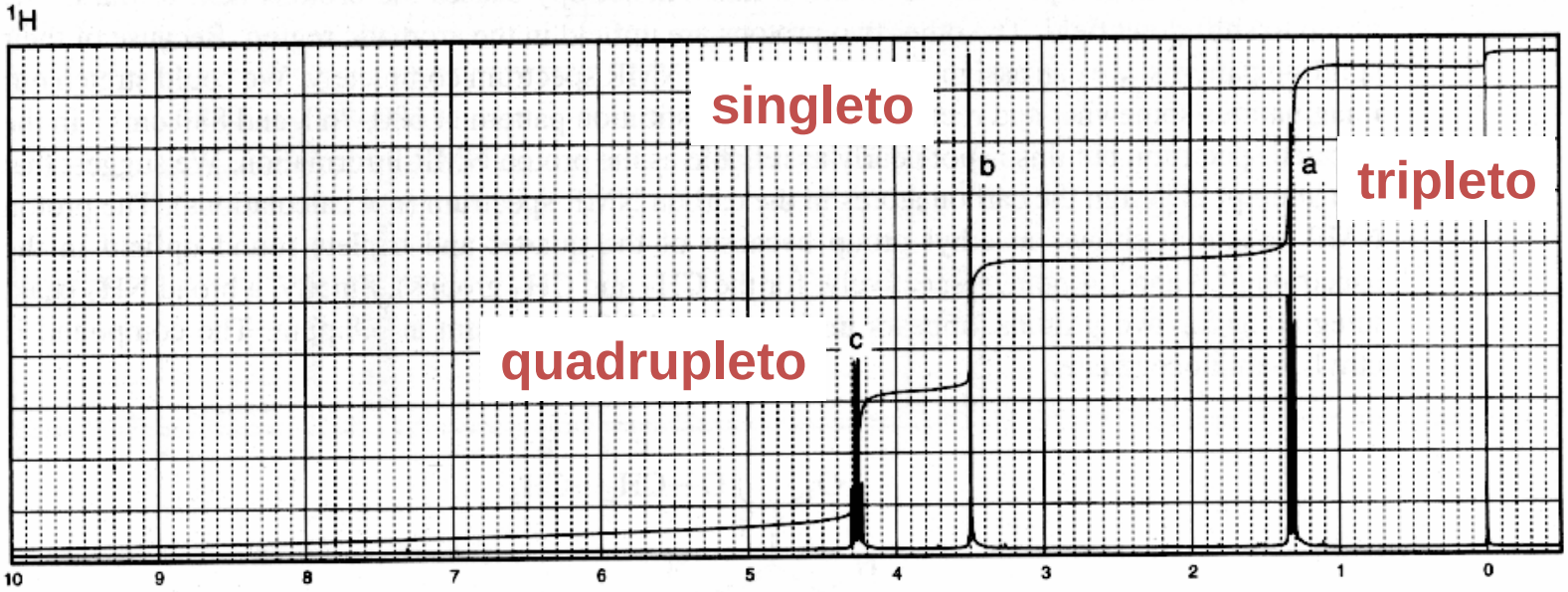




9

$C_5H_7NO_2$
Cianoacetato de etila





10

C_4H_8O
(2-butanona)