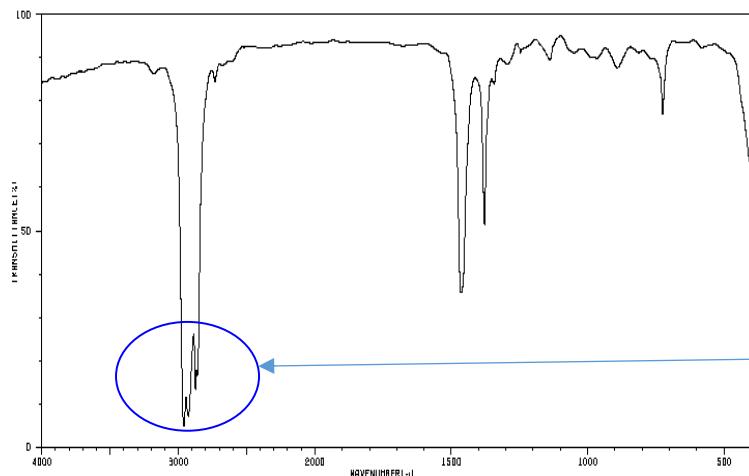


Correction exploration

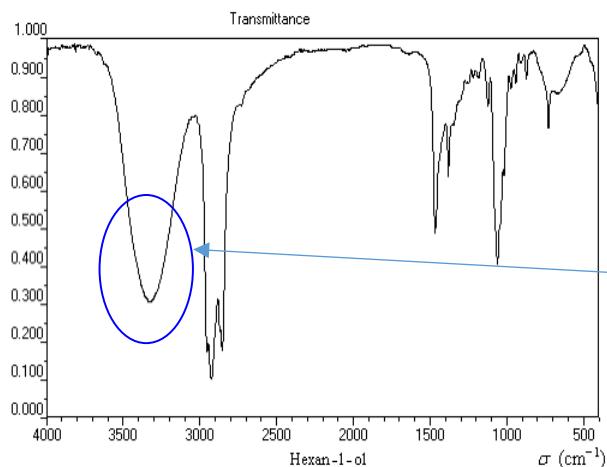
Liaison C – H



Spectre de l'hexane

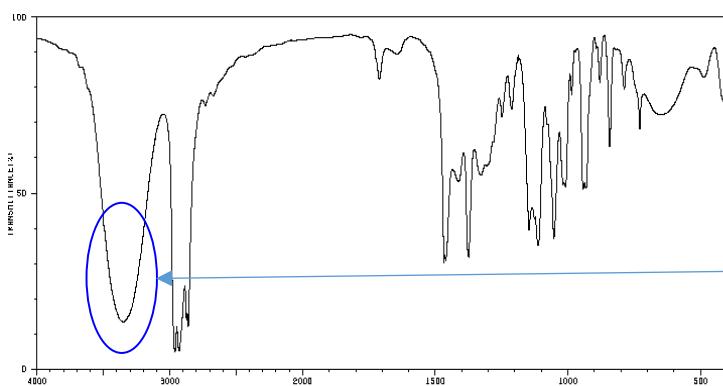
C tétraédrique
Liaison C - H
élongation

Les alcools



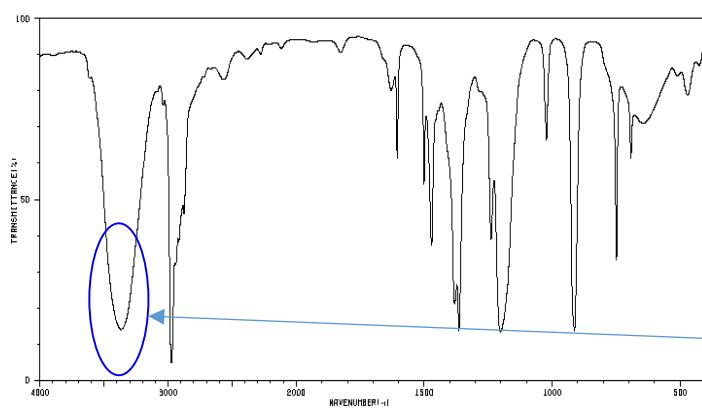
Spectre de l'hexan-1-ol

Vibration d'elongation O-H lié
Liaison hydrogène en phase liquide
(bande large)



Spectre de l'hexan-2-ol

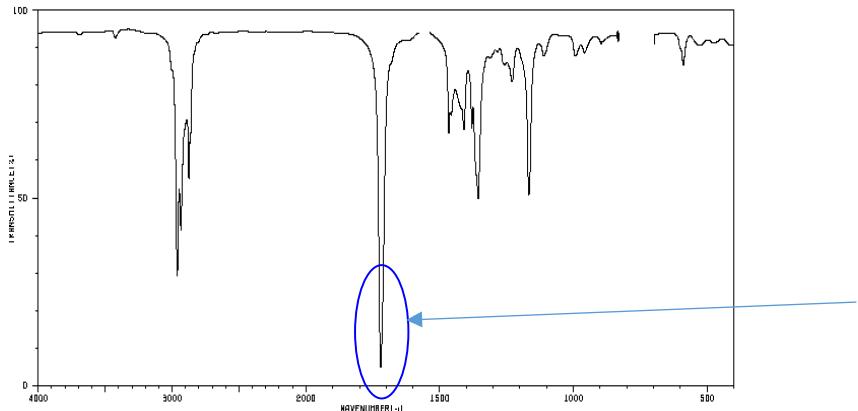
Vibration d'elongation
O-H alcool lié (bande
large)



Spectre du 2-méthylpropan-2-ol

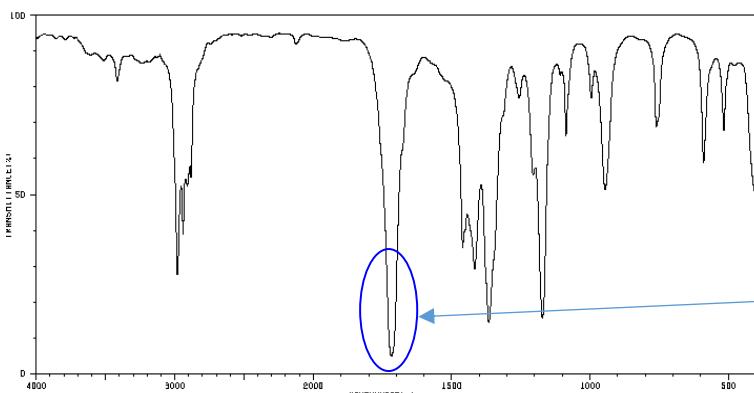
Vibration d'elongation
O-H alcool lié (bande
large)

Les cétones:



Spectre de l'hexan-2-one

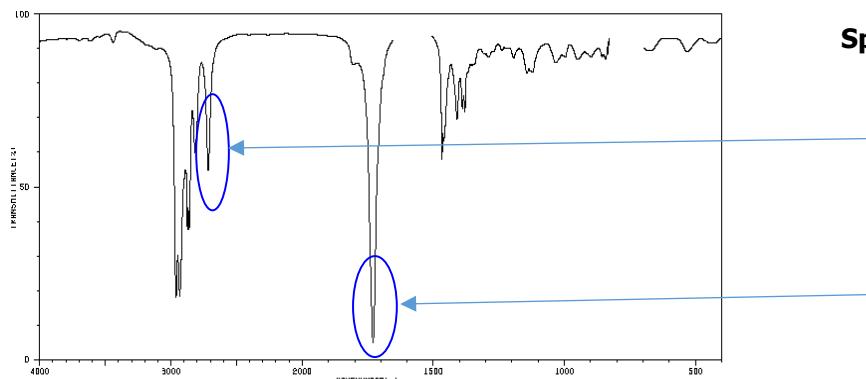
Vibration de d'elongation de la C = O cétone et aldéhyde



Spectre de la butanone

Vibration de d'elongation de la C = O cétone et aldéhyde

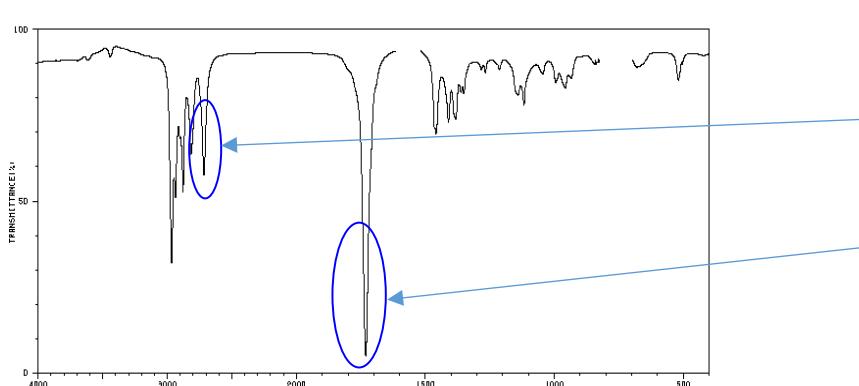
Les aldéhydes:



Spectre de l'hexanal

Vibration d'elongation de la liaison C_{trigonal}-H aldéhyde

Vibration de d'elongation de la C = O cétone et aldéhyde

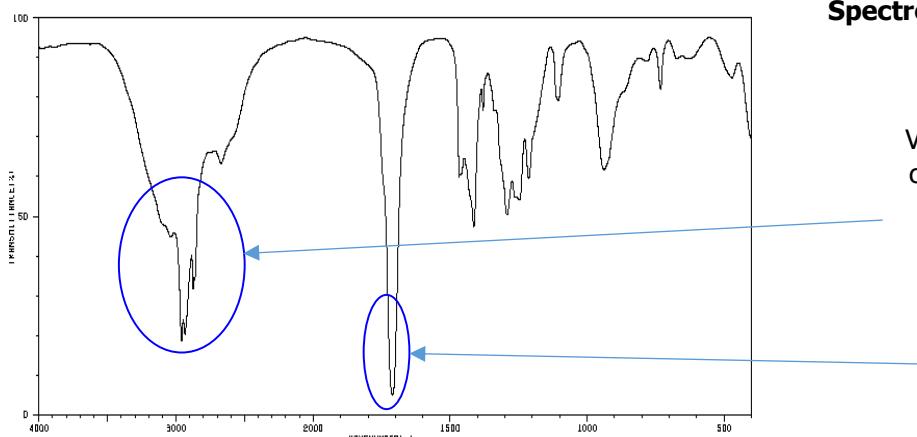


Spectre du butanal

Vibration d'elongation de la C_{tri}-H aldéhyde

Vibration de d'elongation de la C = O cétone et aldéhyde

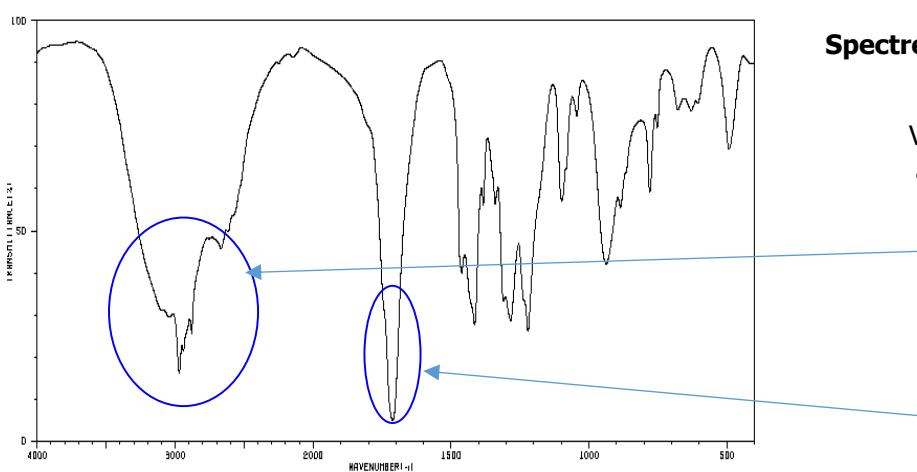
Les acides carboxyliques:



Spectre de l'acide hexanoïque

Vibration d'elongation O-H acide carboxylique bande large qui se superpose à celle des C_{tert}-H (élongation)

Vibration de d'elongation de la C = O acide carboxylique



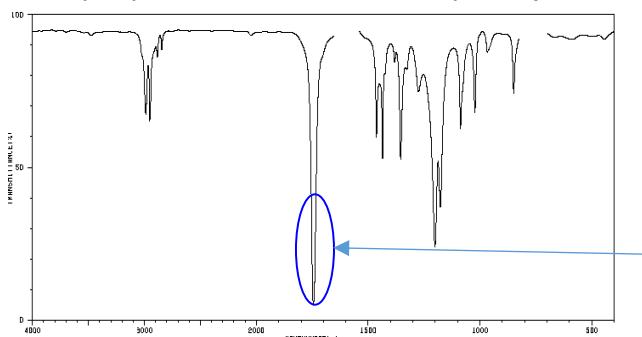
Spectre de l'acide butanoïque

Vibration d'elongation O-H acide carboxylique bande large qui se superpose à celle des C_{tert}-H (élongation)

Vibration de d'elongation de la C = O acide carboxylique

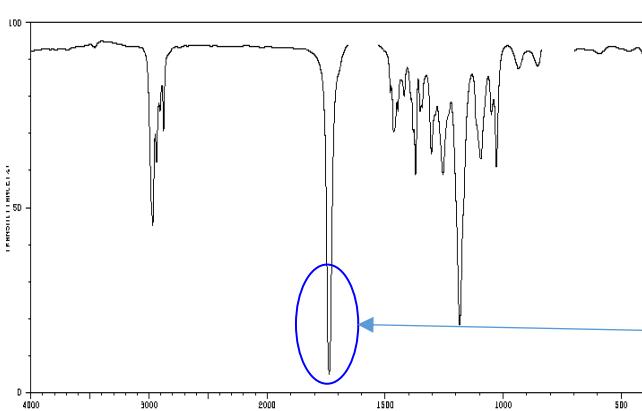
Les esters:

Pas facile de les distinguer des cétones (il faut prendre en considération d'autres bandes qui ne sont pas évidentes à voir; pas présentes dans la table simplifiées)



Spectre du propanoate de méthyle

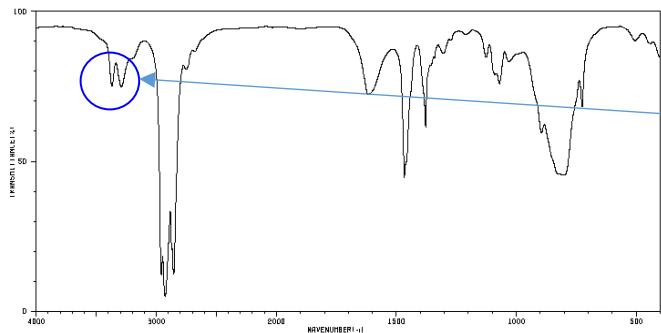
Vibration de d'elongation de la C = O ester



Spectre du butanoate de méthyle

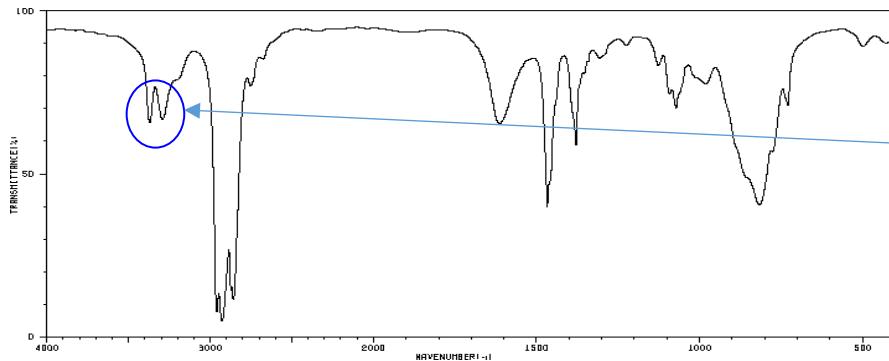
Vibration de d'elongation de la C = O ester

Les amines:



Spectre de l'hexylamine

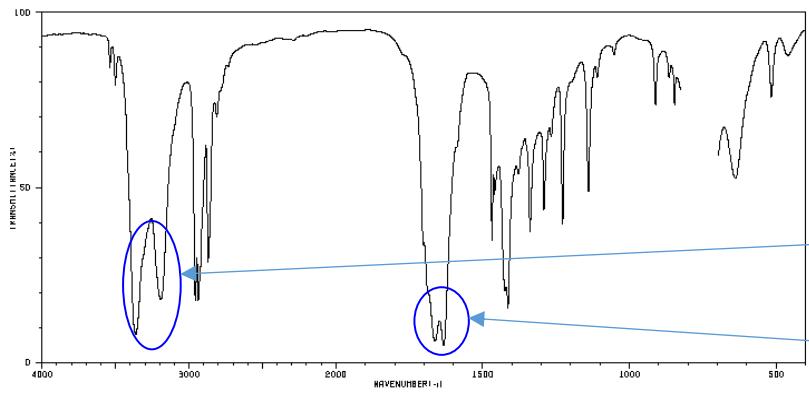
Vibration N-H amine élongation
2 bandes



Spectre de la pentylamine

Vibration N-H amine élongation 2 bandes

Les amides:



Spectre de l'hexanamide

Vibration N-H amide élongation 2 bandes

Vibration d'élongation C=O amide