Fitting Gaussians to CO2 peaks Wave number [1/cm] 635640 645650 655660 665670 675 0.00- 175 - 150 $\overline{\vec{\mathbf{p}}}_{\stackrel{\cdot}{\mathbf{E}}} 0.02$ Absorbance 0.04 -0.06 -0.080.10 -15.0 15.2 15.415.6 14.8 15.8Wavelength $[\mu m]$