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 -- 100 0.06 -0.080.10 -15.015.2 15.4 15.6 14.8 15.8Wavelength $[\mu m]$