

## 2D Correlation of $^1\text{H}$ with $^{13}\text{C}$

- HETCOR (Heteronuclear Correlation) Is an Old 2D Experiment:
  - C-H J-Coupling Relationships
  - One Bond (Directly Attached C-H)
  - $^{13}\text{C}$  Shift on Horizontal Axis ( $F_2$ )
  - $^1\text{H}$  Shift on Vertical Axis ( $F_1$ )
  - Poor Sensitivity ( $^{13}\text{C}$  Detected)
  - Low Resolution in  $^1\text{H}$  (Vertical) Dimension