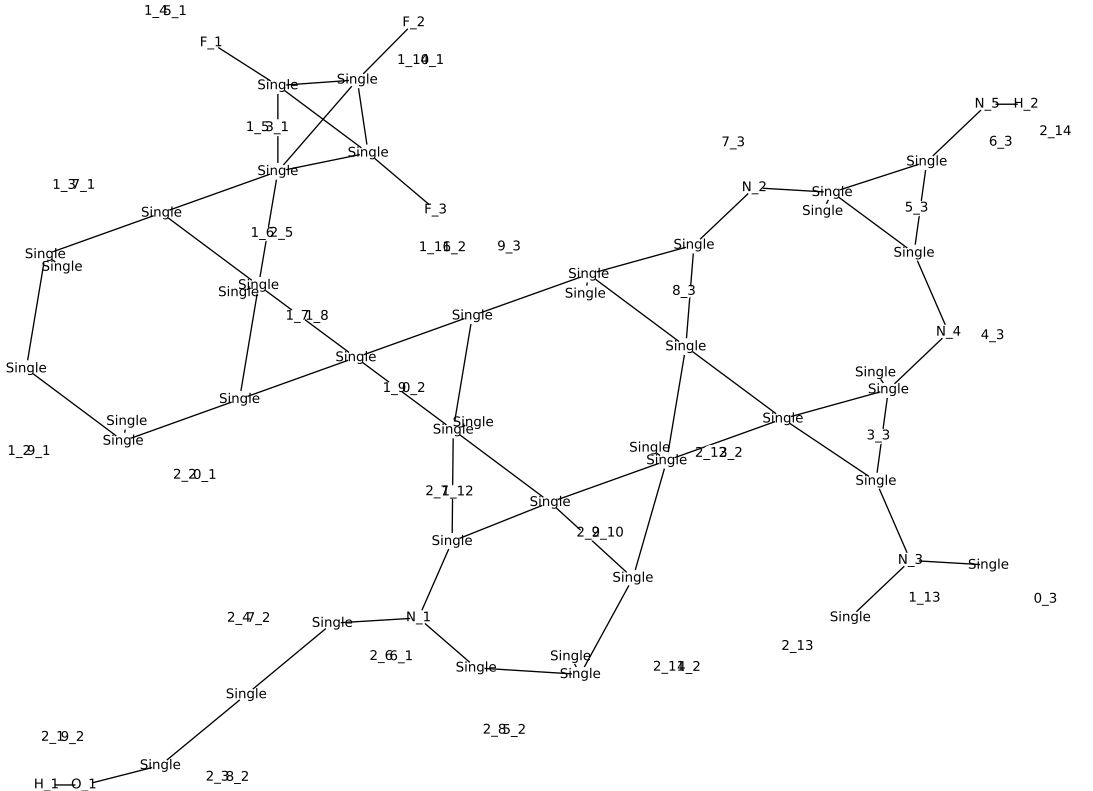US20040229890A1_p0012_x0497_y1048_c00051