CARTESIAN COORDINATES (A.U.)

0 C 6.0000 0 12.011 -0.098627 -0.763670 -0.272368

1 C 6.0000 0 12.011 0.483231 1.784179 -0.670460

2 C 6.0000 0 12.011 1.858204 -2.417358 0.364192

3 H 1.0000 0 1.008 -1.008490 3.115918 -1.101659

4 H 1.0000 0 1.008 1.425485 -4.390025 0.702175

5 C 6.0000 0 12.011 2.947873 2.633570 -0.468002

6 C 6.0000 0 12.011 4.327883 -1.568609 0.561458

7 H 1.0000 0 1.008 3.366677 4.612049 -0.773183

8 H 1.0000 0 1.008 5.820927 -2.877707 1.050803

9 C 6.0000 0 12.011 4.880507 0.960353 0.141618

10 H 1.0000 0 1.008 6.805235 1.632718 0.301642

11 C 6.0000 0 12.011 -2.670070 -1.744535 -0.471570

12 H 1.0000 0 1.008 -2.952858 -3.643687 0.248182

13 C 6.0000 0 12.011 -4.686657 -0.485246 -1.386573

14 H 1.0000 0 1.008 -4.520019 1.345978 -2.275321

15 H 1.0000 0 1.008 -6.509507 -1.398411 -1.518021

CARTESIAN COORDINATES (A.U.)

0 C 6.0000 0 12.011 -0.100136 -0.749245 -0.310683

1 C 6.0000 0 12.011 0.514685 1.798311 -0.744081

2 C 6.0000 0 12.011 1.850963 -2.406735 0.381383

3 H 1.0000 0 1.008 -0.962948 3.143668 -1.269402

4 H 1.0000 0 1.008 1.404984 -4.395309 0.737725

5 C 6.0000 0 12.011 2.995121 2.643075 -0.510012

6 C 6.0000 0 12.011 4.336047 -1.562590 0.628320

7 H 1.0000 0 1.008 3.435126 4.630188 -0.868293

8 H 1.0000 0 1.008 5.823035 -2.888155 1.177111

9 C 6.0000 0 12.011 4.918334 0.967694 0.179545

10 H 1.0000 0 1.008 6.862595 1.640605 0.367499

11 C 6.0000 0 12.011 -2.693158 -1.754373 -0.554535

12 H 1.0000 0 1.008 -2.902738 -3.745496 -0.015940

13 C 6.0000 0 12.011 -4.742978 -0.515343 -1.360010

14 H 1.0000 0 1.008 -4.703314 1.468970 -1.932008

15 H 1.0000 0 1.008 -6.565825 -1.479747 -1.473705