Compile with cproc:
cproc vulnerable_program.c -o vulnerable_program_cproc

Get address of secret_function():
readelf -s vulnerable_program_cproc | grep secret_function
15: **000000000040131e**   23 FUNC   GLOBAL DEFAULT   14 secret_function

Generate exploit:
First, add secret_function address to exploit.py
python exploit.py

Run vulnerable program with exploit:
./vulnerable_program_cproc < payload.bin

Exploit cannot be reused because of function permutation (i.e. secret_function address must be reanalyzed)