```
hcons_11  THM

⊢  ∀'a:S.
   all
   (λh:'a. all
           (λt:hlist('a). all
                          (λh':'a. all
                                   (λt':hlist('a). equal
                                                   (equal
                                                    (cons(h,t)
                                                    ,cons(h',t'))
                                                   ,and
                                                    (equal(h,h')
                                                    ,equal(t,t')))))))
  by HOL "hcons_11"
END
```