```
sfa_doc_find_small_greater_bound_extr_eq  THM

⊢  (λx.Case of x
         nil → 0
         u.v, rec:r → InjCase(if u<r→ inl(*) ; inr(λ.*) fi
                              ; a. r
                              ; b. u+1))
   =
   ext{sfa_doc_find_small_greater_bound}
   ∈ (∩k:ℕ. x:(ℕk List)→{y:ℕ(k+1)| y greater-bounds x })
  by Compute
       ⌈λx.Case of x
            nil → 0
            u.v, rec:r → InjCase(if u<r→ inl(*) ; inr(λ.*) fi
                                 ; a. r
                                 ; b. u+1)⌉
       *⇒
       ext{sfa_doc_find_small_greater_bound}
END
```