```
list_all_tail  THM

⊢  ∀P:(T→Prop), L:T List, x:T. ∀x∈(x.L).P(x) ⇒ ∀x∈L.P(x)  by UnivCD
|
1. T : Type
2. P : T→Prop
3. L : T List
4. x : T
5. ∀x∈(x.L).P(x)
⊢  ∀x∈L.P(x)  by Rewrite (HigherC list_all_unrollC) 5
|
5. P(x) & ∀x∈L.P(x)
⊢  ∀x∈L.P(x)  by Analyze 5 THEN Trivial
END
```