```
iff_imp_equal_bool  THM

⊢  ∀a,b:𝔹. (a ⟺ b) ⇒ a = b  by UnivCD
|
1. a : 𝔹
2. b : 𝔹
3. a ⟺ b
⊢  a = b  by OnCls [2;1] BoolCases THEN RWH assert_evalC -1
|
|\
| 1. False ⇒ True
| 2. False ⇐ True
| ⊢  false₂ = true₂  by Analyze 2
|
.\
. 1. True ⇒ False
. 2. True ⇐ False
. ⊢  true₂ = false₂  by Analyze 1
END
```