

Hydroethanolic Extraction

Coating formulation

Coating application

Cold-storage

Strawberry
tree leaves

Apple
pomace

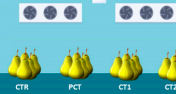
Control (CTR)

Pectin (PCT)
(3% w/v)

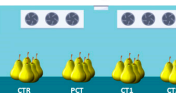
Coating 1 (CT1)
Extract (9.53
mg/mL) + Pectin
(3% w/v)

Coating 2 (CT2)
Extract (16
mg/mL) + Pectin
(3% w/v)

Normal atmosphere (2 °C)

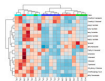


Dynamic controlled atmosphere
(-0.5 °C, 0.5% O₂ and 0.4% CO₂)

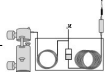


Parameters measurement

Data processing



GC×GC-ToFMS



Abs 281-290nm

HS-SPME**



Volatile
Compounds

Ripening
(TSS)

Conjugated
Trienols (CTs)

Visual control
of the colour
(Hue angle)



Sampling
(days)*

9

32

73

101

134

n=5