

<u>Tissue</u>	<u>Substrate</u>	<u>Products (aroma)</u>
Intact apple fruit	→ 18:2 free fatty acid	→ Hexanal, hexanol, hexyl acetate
Intact apple fruit	→ 18:3 free fatty acid	→ No detectable products, 18:3 levels too low
Disrupted apple fruit	→ 18:3 polar lipid + 18:3 free fatty acid	→ <b><i>Cis-3-hexenal</i></b> → <b><i>Trans-2-hexenal</i></b> Minute amounts of <i>cis-3-hexenol</i> -, <i>trans-2-hexenol</i> - and hexenyl- esters
Disrupted apple fruit	→ 18:2 polar lipid+ 18:2 free fatty acid	→ <b>Hexanal</b> Minute amounts of hexanol- and hexyl- esters