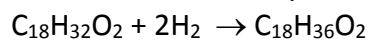# Answer on Question #75940 – Chemistry – General Chemistry

Write a balanced reaction equation for the complete hydrogenation of linolenic acid.

Solution:

Linoleic acid has two double bonds.

Each double bond requires 1 H_2 for the hydrogenation

$C_{18}H_{32}O_2 + 2H_2 \rightarrow C_{18}H_{36}O_2$

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