

## A Fragrant Feast

Odpowiedzi na pytania:

**4.** How many scent receptors do we have? (Jak dużo mamy receptorów zapachowych?)

Odp. Posiadamy blisko 1000 typów receptorów zapachowych.

**22.** Are all bitter compounds poisonous? (Czy wszystkie gorzkie związki są toksyczne / trujące?)

Odp. Nie wszystkie gorzkie związki są trujące, lecz większość z nich.

**33.** How to make a fruit odourless? (Jak otrzymać bezzapachowe / bezwonne owoce?)

Odp. Owoc nieposiadający pewnych związków, tzw. „character impact compounds” będzie bezzapachowy.

**44.** Why the „natural” production of chymosin was decreasing? (Dlaczego naturalna produkcja chymozyny zmniejszyła się?)

Odp. Naturalna produkcja chymozyny zmniejszyła się ponieważ produkowano ją z żołądków cieląt.

## Zapachy:

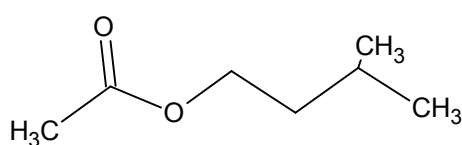
anise –  
lemon – cytrynowy,  
lime – lipowy,  
creamy – kremowy,

floral - kwiatowy  
blossom – kwiatowy (drzew owocowych),  
carnation – goździkowy,  
gardenia – gardenii,  
geranium – geranium,  
hawthorne – głóg,  
hyacinth – hiacyntowy,  
iris – irysowy,

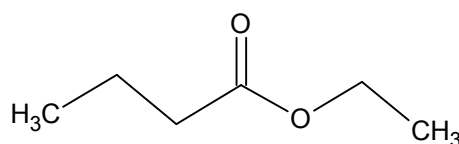
jasmin – jaśminowy,  
jonquil – żonkilowy,  
lilac – liliowy,  
lily – lilia,  
marigold – nagietkowy,  
narcissus – narcyz,  
violet – fiołkowy,

meaty – mięsa,  
medicinal – medyczny,  
minty – miętowy,  
mossy – mszysty,  
musty – stęchły, zbutwiały,  
pepper – pieprzu,  
smoky – zadymiony,  
soapy – mydlany,  
spicy – ostry, przyprawiony,  
sulfurous – siarki,  
vegetable – warzywny,  
waxy – woskowy,  
woody – drewniany.

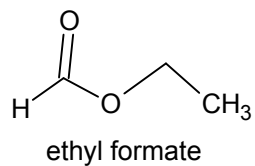
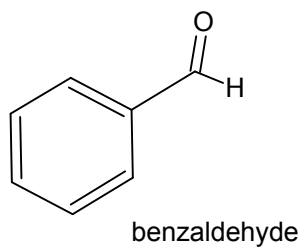
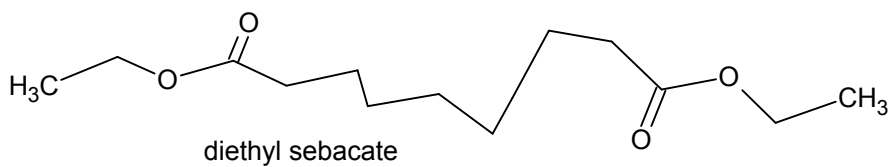
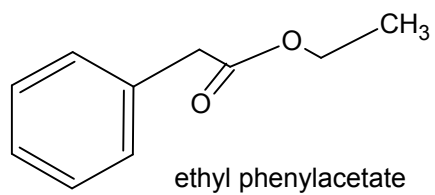
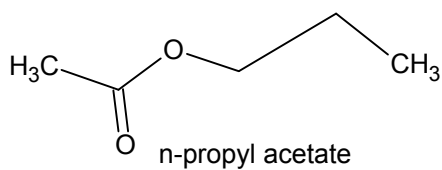
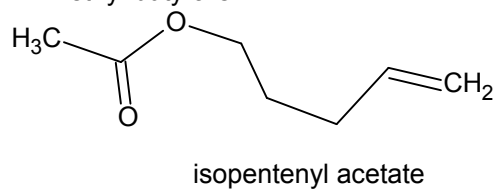
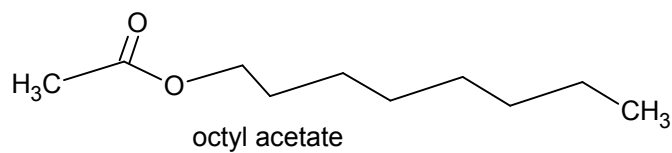
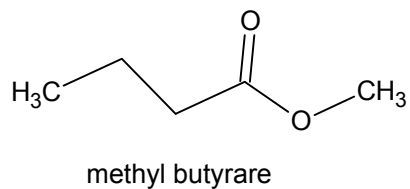
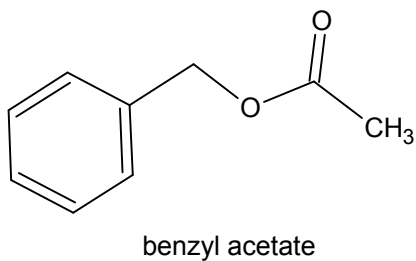
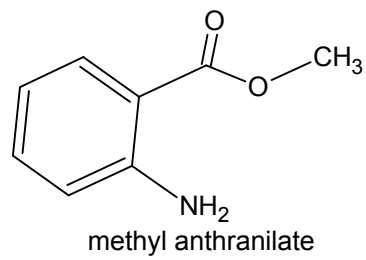
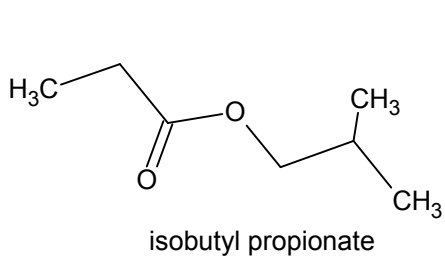
## Wzory strukturalne związków:

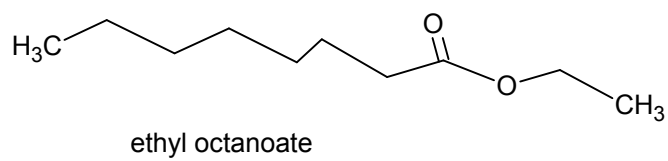
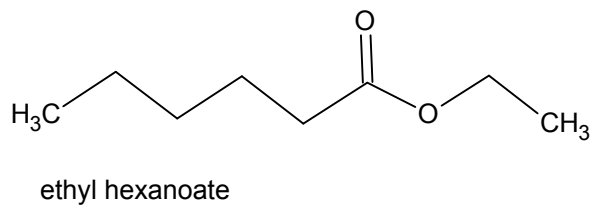
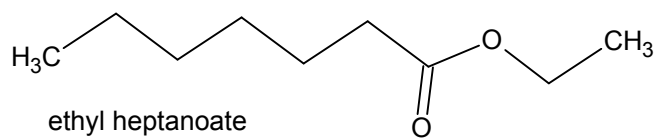
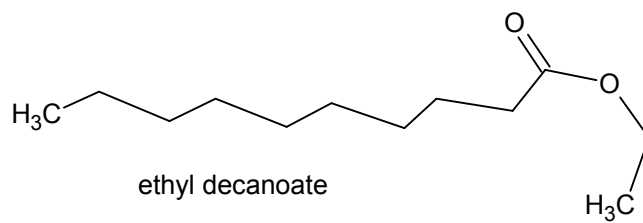
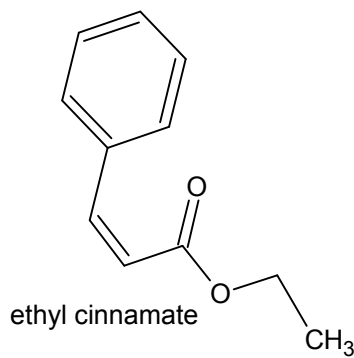
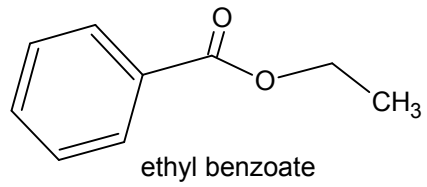
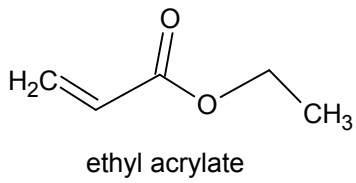
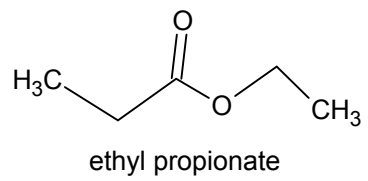
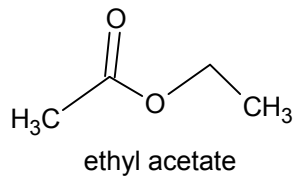


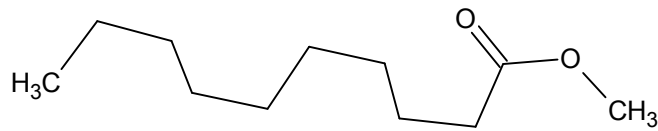
isoamyl acetate



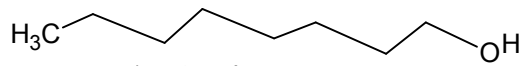
ethyl butyrate



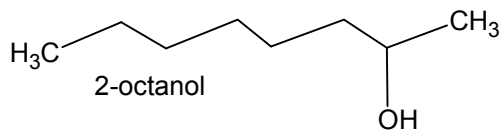




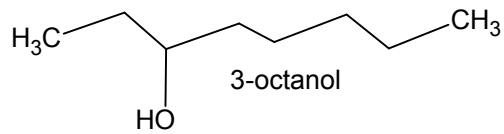
ethyl nonanoate



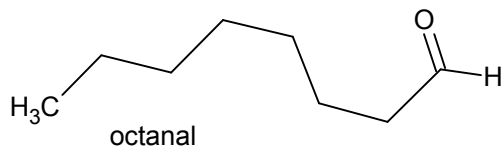
1-octanol



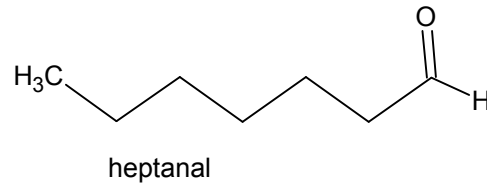
2-octanol



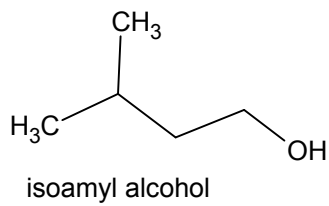
3-octanol



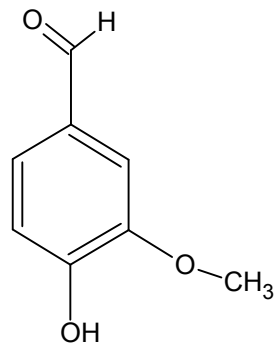
octanal



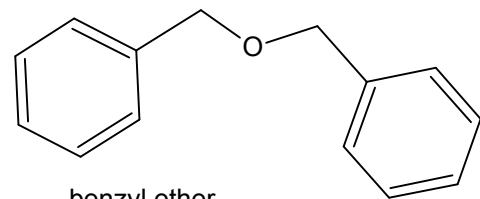
heptanal



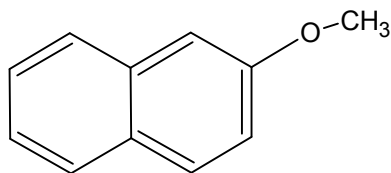
isoamyl alcohol



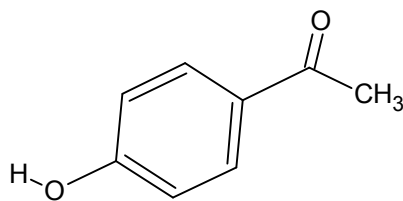
vanillin



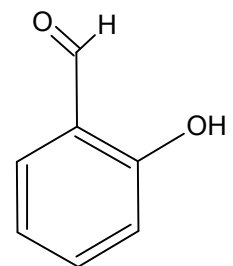
benzyl ether



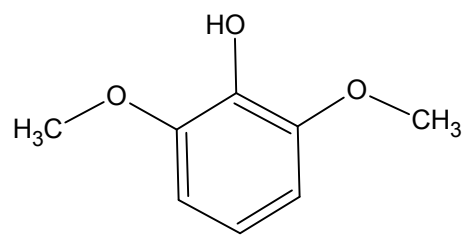
2-methoxy naphthalene



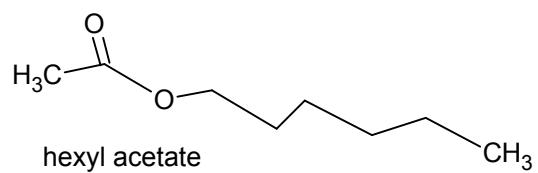
4-hydroxybenzaldehyde



salicylaldehyde



2,6-dimethoxyphenol



hexyl acetate