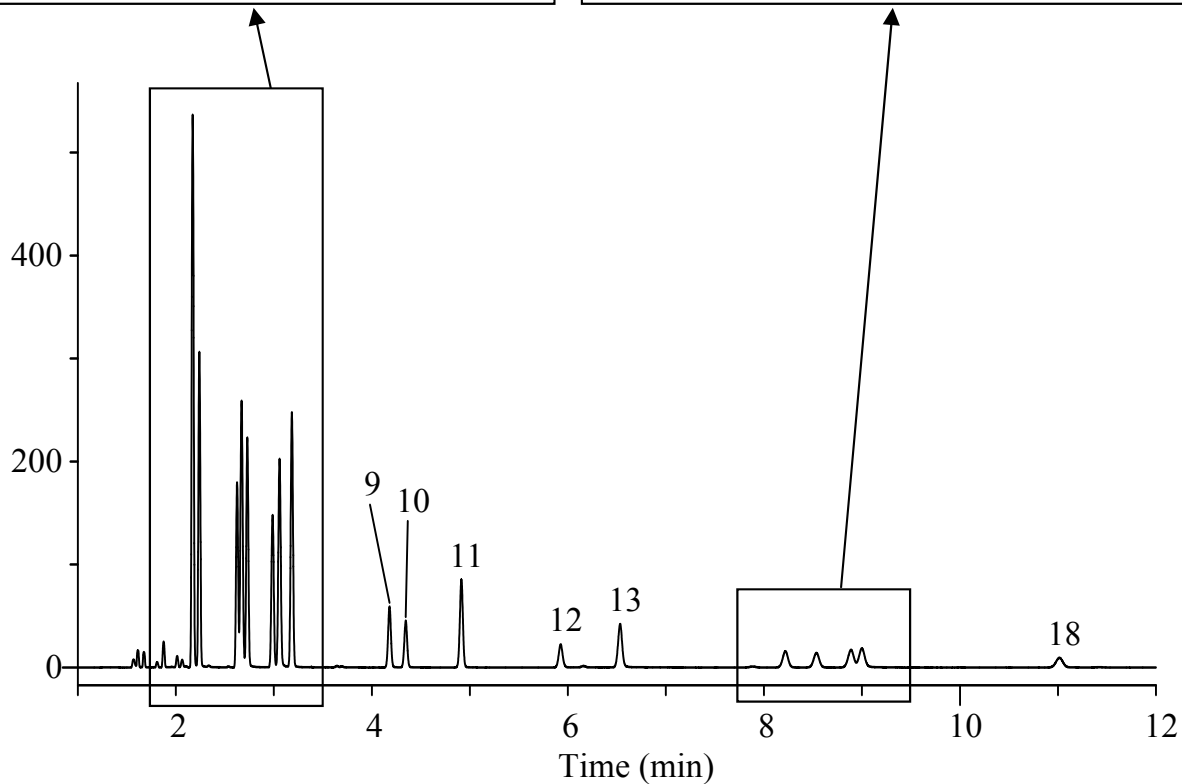
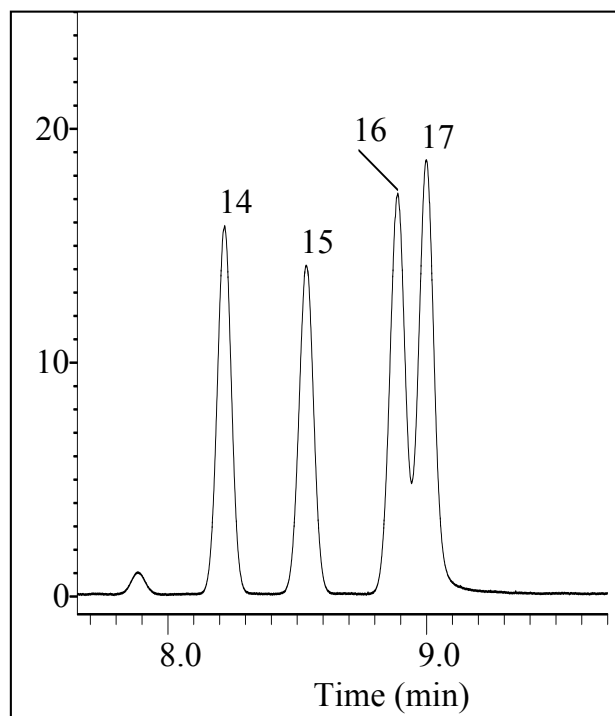
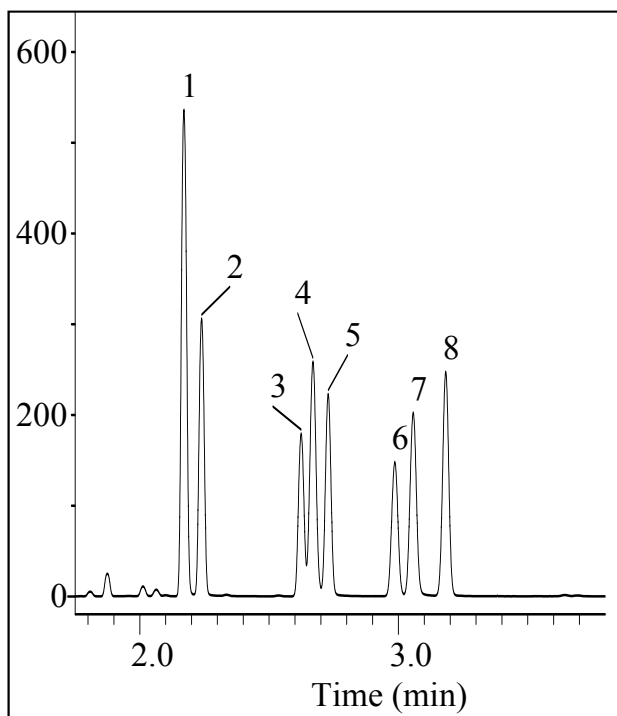


InertSearch™ for GC

InertCap® Applications

Solvents(packing material)

Data No. GA135-0591



InertSearch™ for GC

InertCap® Applications

Solvents(packing material)

Data No. GA135-0591

Conditions

System	: GC/FID Headspace Gas(HT3)
Column	: InertCap Pure-WAX 0.25 mm I.D. x 30 m df = 0.25 µm
Col. Cat. No.	: 1010-68142
Col. Temp.	: 50 °C (15 min hold)
Carrier Gas	: He 130 kPa
Injection	: Split flow 38 mL/min 150 °C
Detection	: FID Range 10 ⁰ 150 °C
Sample Size	: Headspace Gas 1 mL 80 °C 30min 100 mg/L in Oleic acid 10 mL in Vial (22 mL)

Analyte

1. Acetone
2. Methyl acetate
3. Ethyl acetate
4. Methanol
5. 2-Butanone(MEK)
6. 2-Propanol(Isopropyl alcohol)
7. Ethanol
8. Benzene
9. 4-Methyl-2-pentanone(MIBK)
10. 2-Methyl-1-propyl acetate
(Isobutyl acetate)
11. Toluene
12. n-Butyl acetate
13. 2-Methyl-1-propanol
(Isobutyl alcohol)
14. p-Xylene
15. m-Xylene
16. n-Butyl propionate(I.S.)
17. 1-Butanol
18. o-Xylene

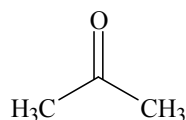
InertSearch™ for GC

InertCap® Applications

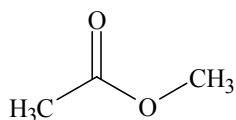
Solvents(packaging material)

Data No. GA135-0591

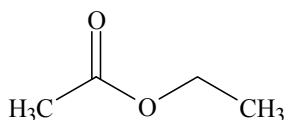
Chemical Structure



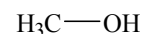
1. Acetone



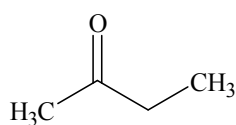
2. Methyl acetate



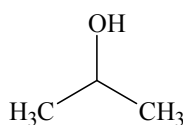
3. Ethyl acetate



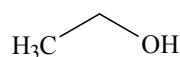
4. Methanol



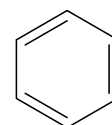
5. 2-Butanone(MEK)



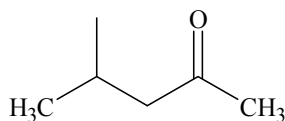
6. 2-Propanol
(Isopropyl alcohol)



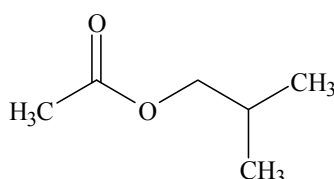
7. Ethanol



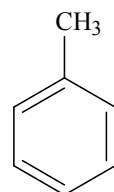
8. Benzene



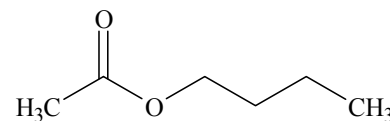
9. 4-Methyl-2-pentanone
(MIBK)



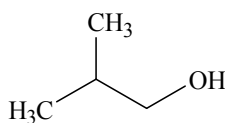
10. 2-Methyl-1-propyl acetate
(Isobutyl acetate)



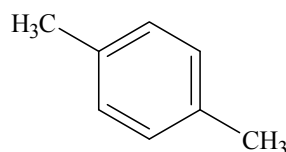
11. Toluene



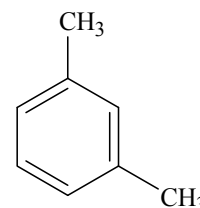
12. n-Butyl acetate



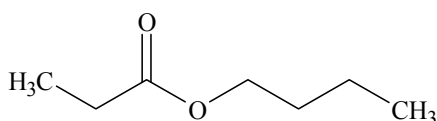
13. 2-Methyl-1-propanol
(Isobutyl alcohol)



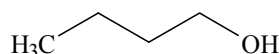
14. p-Xylene



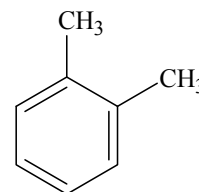
15. m-Xylene



16. n-Butyl propionate



17. 1-Butanol



18. o-Xylene

Structures are created using Chemistry 4-D Draw which is provided by ChemInnovation Software, Inc.