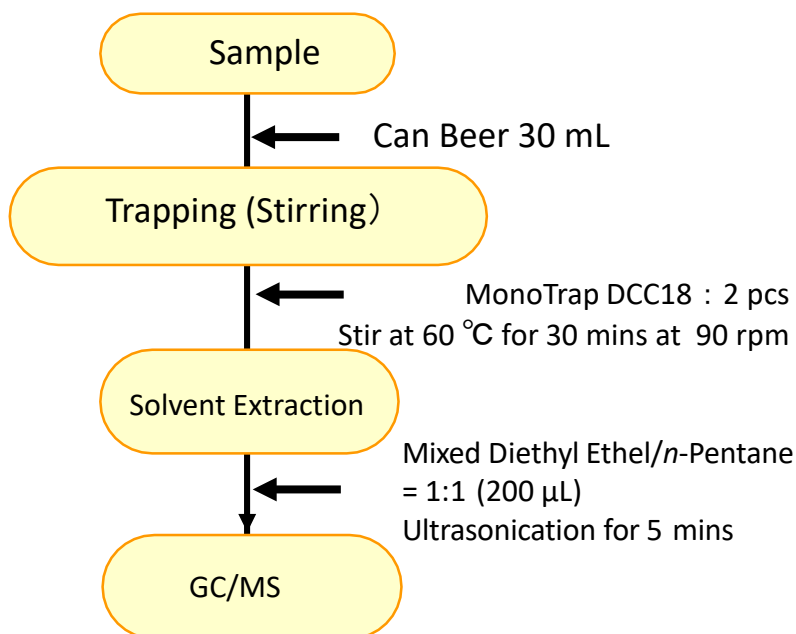
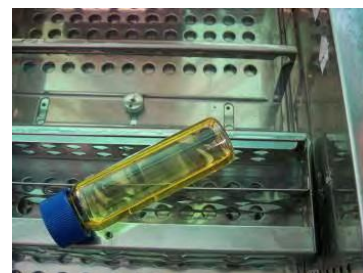


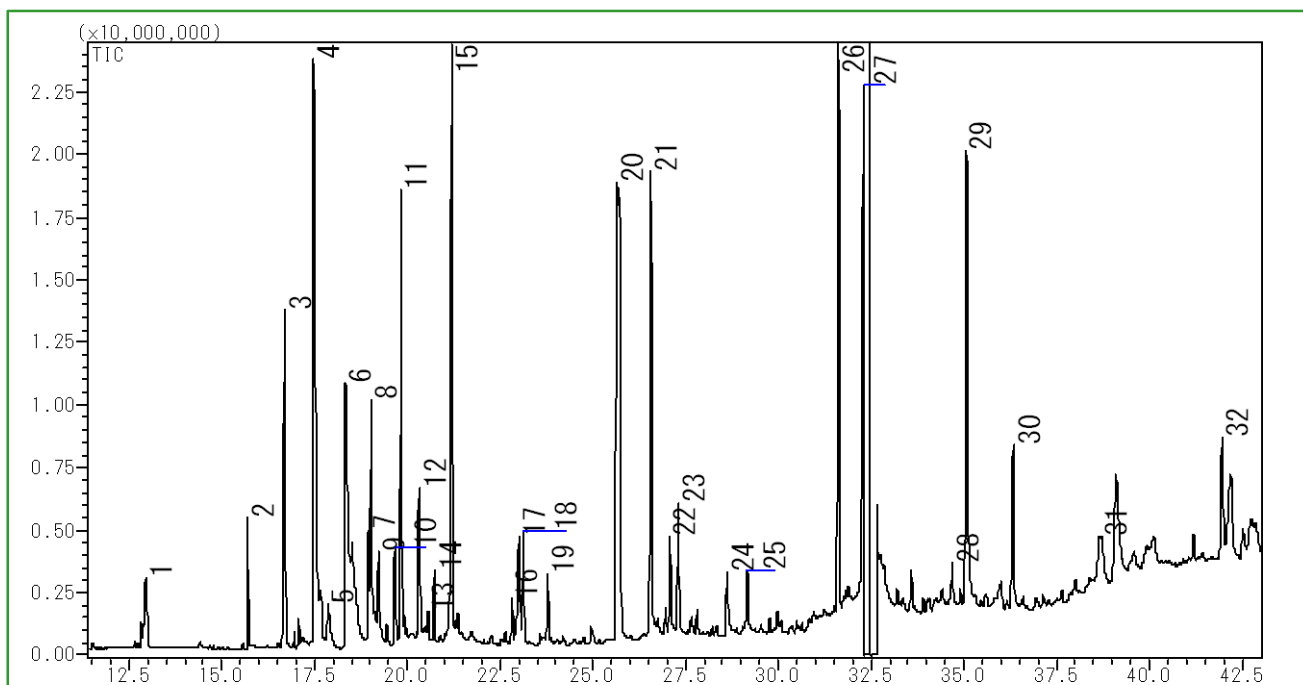
Protocol



Effective trapping can be conducted by heating and stirring.

**GC Condition**

- System** : SHIMADZU GC-2010, GCMS-QP2010
- Column** : InertCap Pure-WAX
0.25 mm I.D. × 30 m df=0.25 µm
- Column Temp** : 40°C(5 min)→6 °C/min→250°C (5 min)
- Carrier Gas** : He 90kPa
- Injection** : Splitless, 1 µL 250 °C
- Detection** : MS Scan (*m/z*;35-450)



- | | |
|------------------------------------|--|
| 1 Acetaldehyde | 17 α -Cumyl alcohol |
| 2 Acetol | 18 1,2-Cyclopentanedione |
| 3 Furfural | 19 2-Cyclohexen-1-ol |
| 4 Acetic acid | 20 Phenylethyl Alcohol |
| 5 5-(Hydroxymethyl)-2(5H)-furanone | 21 Maltol |
| 6 Formic acid | 22 2H-Pyran-2,6(3H)-dione |
| 7 5-Methyl-2-furaldehyde | 23 Methyl 2-furoate |
| 8 2,3-Butanediol | 24 dl-Glyceraldehyde dimer |
| 9 2-Cyclopentene-1,4-dione | 25 4,5-Dimethyl-1,3-dioxol-2-one |
| 10 2,3-Butanediol | 26 3,5-Dihydroxy-6-methyl-2,3-dihydro-4H-pyran-4-one |
| 11 2-Oxopentanedioic acid | 27 Glycerin |
| 12 Isomaltol | 28 5-Hydroxymethyldihydrofuran-2-one |
| 13 4-Hydroxybutanoic acid | 29 5-Hydrxoymethylfurfural |
| 14 2-Oxopentanedioic acid | 30 4-Hydroxydihydro-2(3H)-furanone |
| 15 2-Furanmethanol | 31 D-Allose |
| 16 2(5H)-Furanone | 32 p-Hydroxyphenethyl alcohol |

GL Sciences disclaims any and all responsibility for any injury or damage which may be caused by this data directly or indirectly. We reserve the right to amend this information or data at any time and without any prior announcement.

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