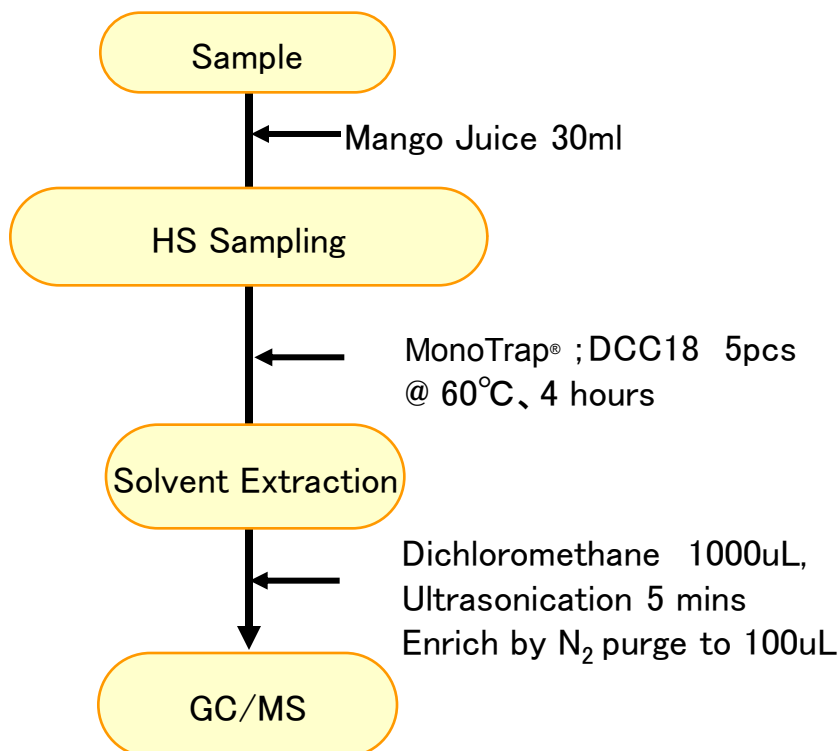


# 5 Easy HS Enrichment of Mango Juice with MonoTrap®

GL Sciences Inc.

## Protocol



### GC Condition

**System** : SHIMADZU GC-2010, GCMS-QP2010

**Column** : **InertCap Pure-WAX** (Cat.1010-68142)  
0.25mm I.D. × 30m df=0.25μ m

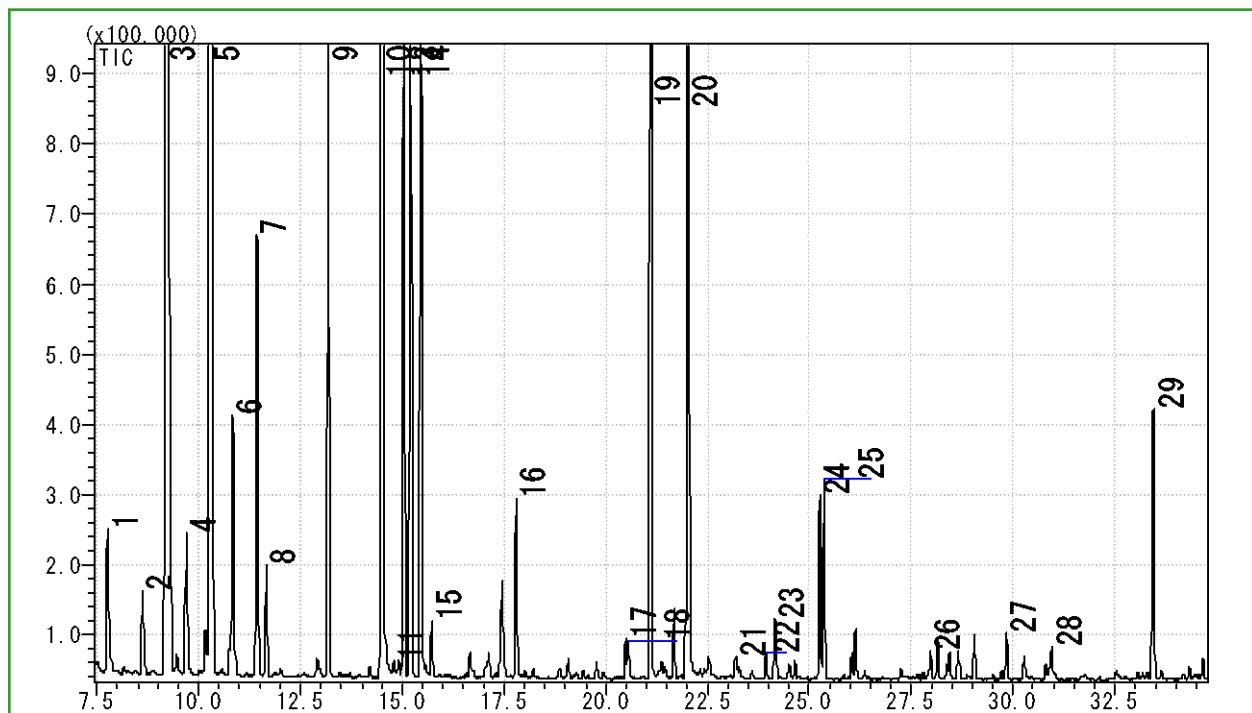
**Column Temp** : 40°C (5min) → 4°C/min → 250°C (5min)

**Carrier Gas** : He 120kPa

**Injection** : Split / Splitless, 1uL  
250°C

**Detection** : MS Scan (m/z; 40-450)

Ultra inert WAX column **InertCap Pure-WAX** is highly recommended to analyze aromatic compounds together with **MonoTrap®**



- |    |   |    |                                     |
|----|---|----|-------------------------------------|
| 1  | <b><math>\beta</math>-Myrcene</b>       | 16 | Furfural                            |
| 2  | <b>D-Limonene</b>                       | 17 | 2,3-Butanediol                      |
| 3  | <b>Isopentyl alcohol</b>                | 18 | Dimethyl Sulfoxide                  |
| 4  | n-Butyl butanoate                       | 19 | <b><math>\beta</math>-Linalool</b>  |
| 5  | <b><math>\beta</math>-trans-Ocimene</b> | 20 | Propylene Glycol                    |
| 6  | <b><math>\beta</math>-cis-Ocimene</b>   | 21 | <b>Butanoic acid</b>                |
| 7  | Isoamyl butanoate                       | 22 | <b>Ethyl butanoate</b>              |
| 8  | n-Hexyl acetate                         | 23 | $\alpha$ -Caryophyllene             |
| 9  | <b>cis-3-Hexenyl Acetate</b>            | 24 | <b><math>\alpha</math>-Terpieol</b> |
| 10 | 1-Hexanol                               | 25 | $\alpha$ -Methylbenzyl acetate      |
| 11 | <b>3-Hexen-1-ol</b>                     | 26 | <b>2-Methyl-3-buten-2-ol</b>        |
| 12 | Allo-Ocimene                            | 27 | <b>Ethyl decanoate</b>              |
| 13 | 2-Propenyl hexanoate                    | 28 | Phenylethyl Alcohol                 |
| 14 | <b>cis-3-Hexen-1-ol</b>                 | 29 | Diphenyl ether                      |
| 15 | Allo-Ocimene                            |    |                                     |

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