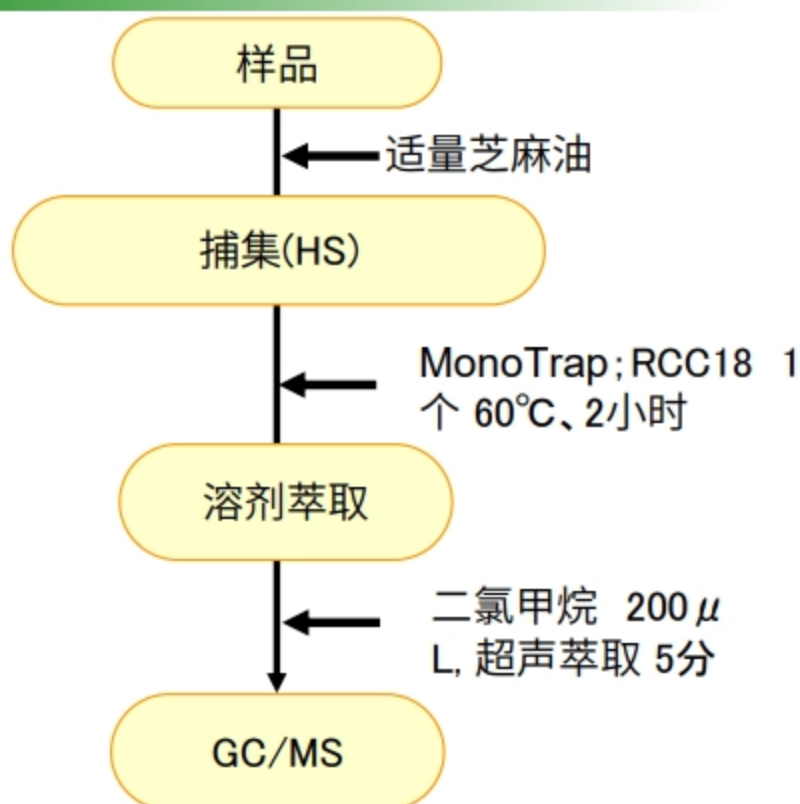


芝麻油香味成分的简易浓缩分析

— 使用剂MonoTrap—

MonoTrap具有大的表面积和硅胶，活性炭和ODS的特性。通过多孔性硅胶的大表面积和活性炭含量的吸附效果，获得高吸附率。因此，可以在短时间内进行高灵敏度分析。此次我们使用MonoTrap DCC18(含有活性炭)对芝麻油的香味成分进行简易浓度分析。

前处理顺序



⑤200 μ L Glass Insert
(Start UP-Kit)



就这样上样连续分析

GC/MS条件

色谱柱	: InertCap Pure-WAX Cat.1010-68142 推荐和MonoTrap一起使用。	
	0.25mm I.D. $\times$ 30m df=0.25 μ m	
柱温	: 40°C (5min) $\rightarrow$ 4°C/min $\rightarrow$ 250°C (5min)	
载气	: He 70kPa	
进样量	: Splitless, 1 μ LL	250°C
检测器	: MS Scan (m/z; 35-450)	



MonoTrapシリーズラインナップ系列

cat.No	品名	形状	サイズ	活性炭	官能基
1050-72101	MonoTrap DCC18	Disk	O.D.10mmx thick 1mm	含有	C18
1050-72201	MonoTrap RCC18	Rod	O.D.2.9 mmx I.D.1mm x Hight 5mm	含有	C18
1050-71101	MonoTrap DSC18	Disk	O.D.10mmx thick 1mm	なし	C18
1050-71201	MonoTrap RSC18	Rod	O.D.2.9 mmx I.D.1mm x Hight 5mm	なし	C18



DCC18



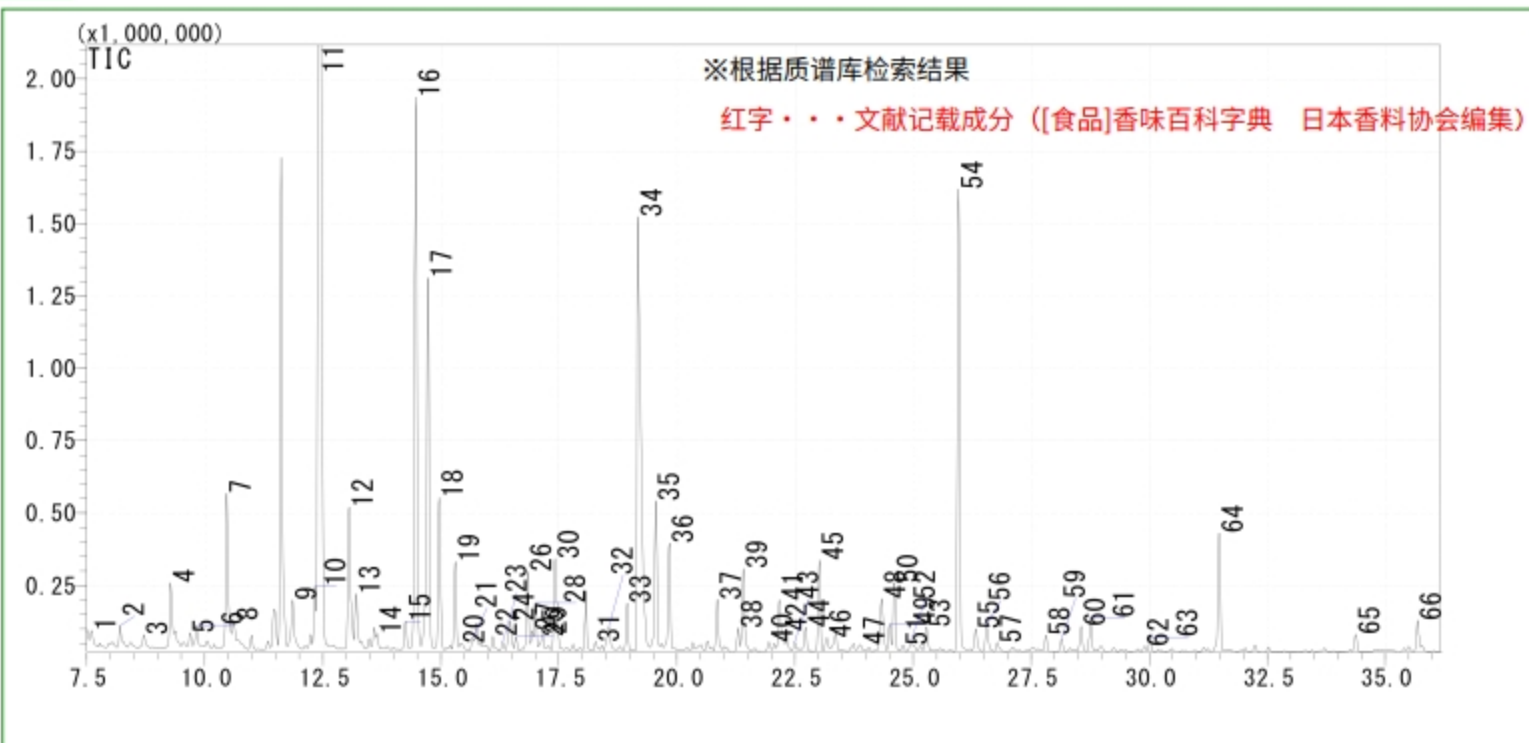
RCC18



DSC18



RSC18



1 Ethylbenzene	23 4,5-Dimethylthiazole	45 2-Formyl-5-methylfuran
2 Methyl ethyl disulfide	24 Dimethyl trisulfide	46 3,5-Octadien-2-one
3 3-Methylphenol	25 Methyl isopentyl disulphide	47 2-Acetylpyridine
4 Pyridine	26 2-Ethyl-6-methyl-pyrazine	48 Butyrolactone
5 2-Heptanone	27 2,4-Dimethyl-4,5-dihydro-1,3-thiazole	49 2-Acetyl-3,4,5,6-tetrahydropyridine
6 Heptanal	28 2-Ethyl-5-methyl-pyrazine	50 Acetylpyrazine
7 Pyrazine	29 Acetdimethylamide	51 tetrahydrothiophene-2-one
8 2-Methylpyridine	30 Trimethylpyrazine	52 Isopropenylpyrazine
9 Thiazole	31 2-Methyl-2-thiazoline	53 Acetophenone
10 1-Pentanol	32 Vinylpyrazine	54 Furfuryl alcohol
11 Methylpyrazine	33 2,5-Dimethyl-3-ethylpyrazine	55 Ethyl n-propyl disulfide
12 4-Methylthiazole	34 Acetic acid	56 2-Acetyl-3-methylpyrazine
13 2,4-Dimethylthiazole	35 Furfural	57 2-Isopropyl-4-methylthiazole
14 Octanal	36 Acetol acetate	58 (5-Methyl-2-furyl)methanol
15 2,5-Dimethylthiazole	37 2-Acetylfuran	59 2(5H)-Furanone
16 2,5-Dimethylpyrazine	38 Benzaldehyde	60 Acetamide
17 2,6-Dimethylpyrazine	39 Pyrrole	61 Acetamidoethane
18 Ethylpyrazine	40 Ethyl isopropyl ketone	62 Propanamide
19 2,3-Dimethylpyrazine	41 Propanoic acid	63 Furfuryl methyl disulfide
20 2-Cyclopenten-1-one	42 Furfuryl acetate	64 Guaiacol
21 5-Ethyl-2-methyl-1,3-thiazole	43 Tetrahydrothiophen-3-one	65 2-Acetylpyrrole
22 1-Hexanol	44 Hydracrylic acid, methyl ester	66 Pyrrole-2-carboxaldehyde