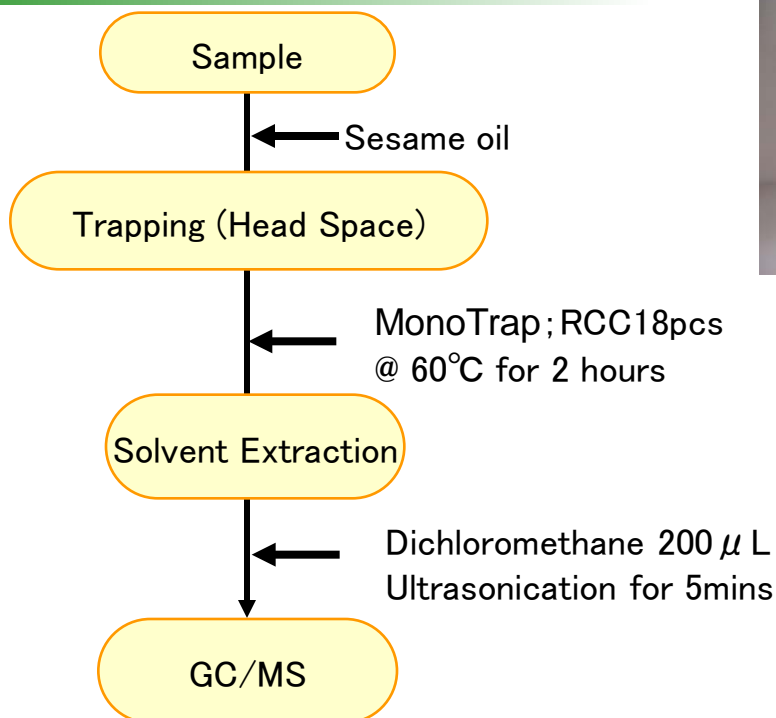


Easy Enrichment of Sesame Oil Fragrance with MonoTrap[®]

Protocol



⑤ 200 µ L Glass Insert
(Start UP-Kit)



Directly to an Auto Sampler!

GC/MS Condition

System : SHIMADZU GC-2010, GCMS-QP2010

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

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

Carrier Gas : He 70kPa

Injection : Splitless, 1 µ L
250°C

SHIMADZU AOC-20i

Detection : MS Scan (m/z;35-450)



Auto Sampler... SHIMADZU AOC-20i

Vial ... Cat.No.1030-17105

Insert... 200 µ L Glass Insert (Start UP-Kit)

Make sure that the micro syringe does not touch the bottom of the vial and have 10mm of space between the needle point and vial bottom.

MonoTrap series lineup

Cat.No	Product	Shape	Size	Active Carbon	Function
1050-72101	MonoTrap DCC18	Disk	O.D.10mmx thick 1mm	Yes	C18
1050-72201	MonoTrap RCC18	Rod	O.D.2.9 mmxI.D.1mm xHight 5mm	Yes	C18
1050-71101	MonoTrap DSC18	Disk	O.D.10mmx thick 1mm	No	C18
1050-71201	MonoTrap RSC18	Rod	O.D.2.9 mmxI.D.1mm xHight 5mm	No	C18



DCC18



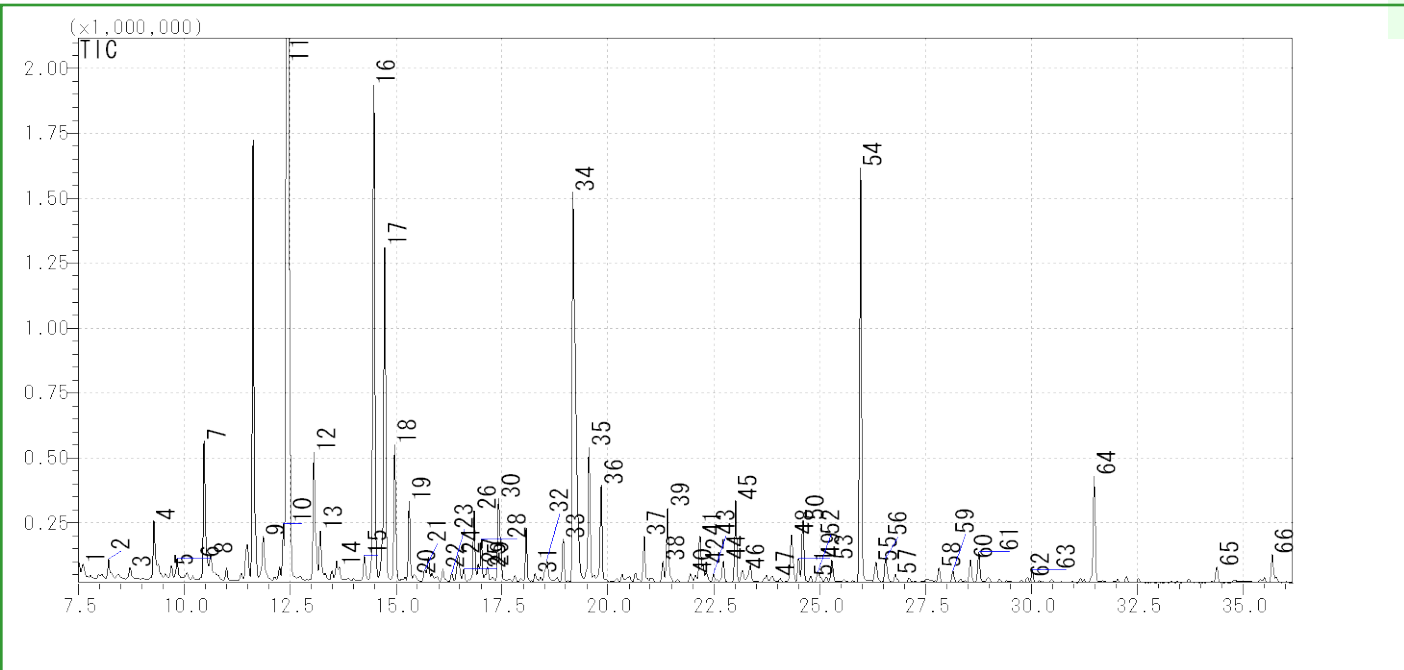
RCC18



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	Pyrrrole	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

<http://www.gls.co.jp/gc.html>