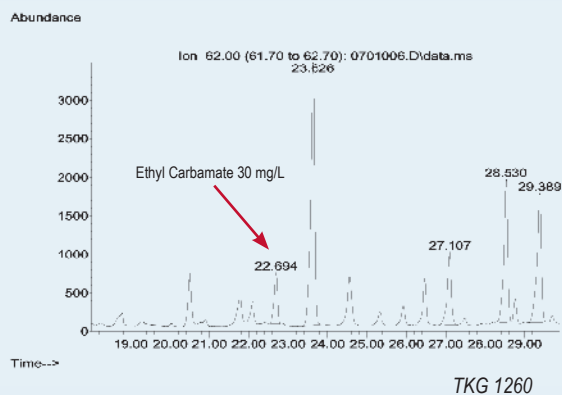


ETHYL CARBAMATE IN WINE

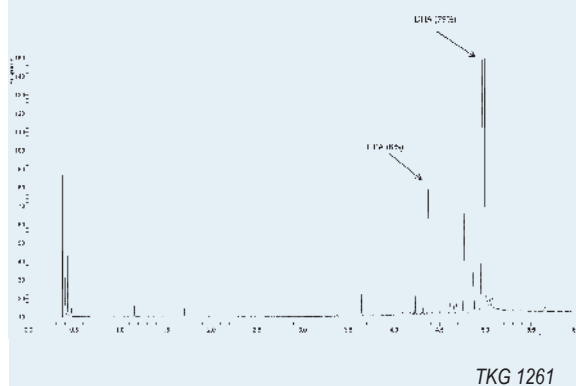
Column: **SupraWax-280**, 20m x 0.18mm x 0.18 μ m (P/N: TR-830984)
 Carrier gas: Helium, 1mL/min
 Injection: 1 μ L, split (30ppb of Ethyl Carbamate), 180°C
 Oven temp.: 40°C (0.75min) to 60°C @ 10°C/min to 150°C @ 3°C/min to 220°C(4.25min) @ 30°C/min
 Detector: MS (SIM, m/z 62, 74 and 89), transfer line 220°C

Chromatogram provided by Joan Garcia, INCAVI (Vilafranca del Penedès, Barcelona)



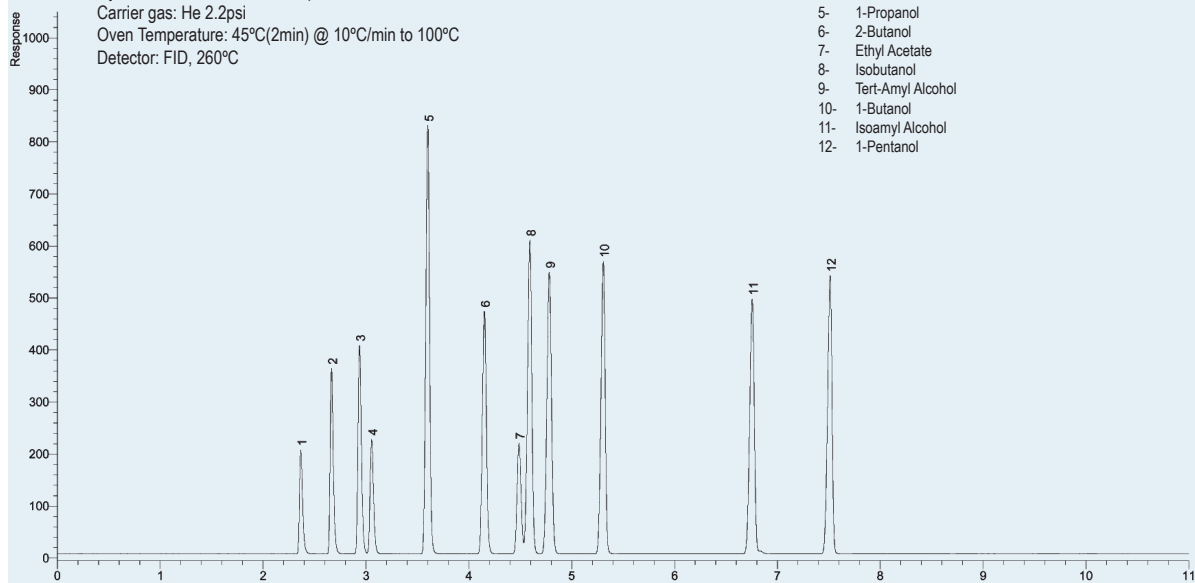
TUNA OIL WITH ADDED DHA

Column: **SupraWax-280**, 15m x 0.10mm x 0.10 μ m (P/N: TR-830111)
 Injection: 1 μ L Methylated sample, 280°C, split 100:1
 Carrier Gas: H₂, 45 psi (310.05 KPa)
 Oven: 100°C (0.5min) @ 50°C/min to 280°C (2min)
 Detector: FID, 280°C



ALCOHOLS

Column: **TRB-20**, P/N TR-201235
 Dimensions: 30m x 0.53mm x 1.2 μ m
 Injection: wed needle, 260°C, split 1:100
 Carrier gas: He 2.2psi
 Oven Temperature: 45°C(2min) @ 10°C/min to 100°C
 Detector: FID, 260°C

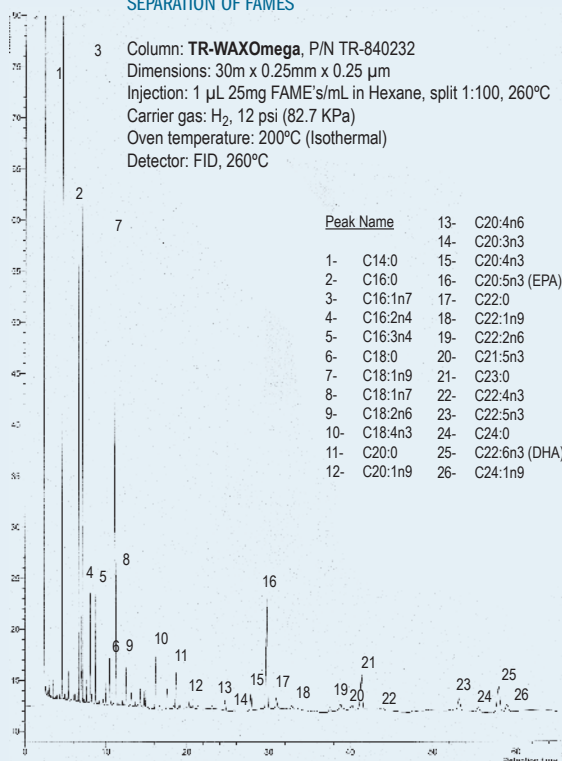


Peak Name

- 1- Methanol
- 2- Ethanol
- 3- 2-Propanol
- 4- Acetone
- 5- 1-Propanol
- 6- 2-Butanol
- 7- Ethyl Acetate
- 8- Isobutanol
- 9- Tert-Amyl Alcohol
- 10- 1-Butanol
- 11- Isoamyl Alcohol
- 12- 1-Pentanol

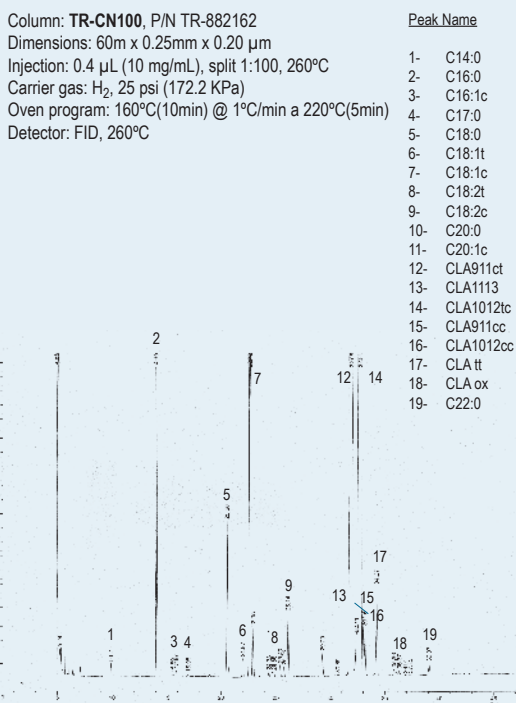
TKG 1259

SEPARATION OF FAMES



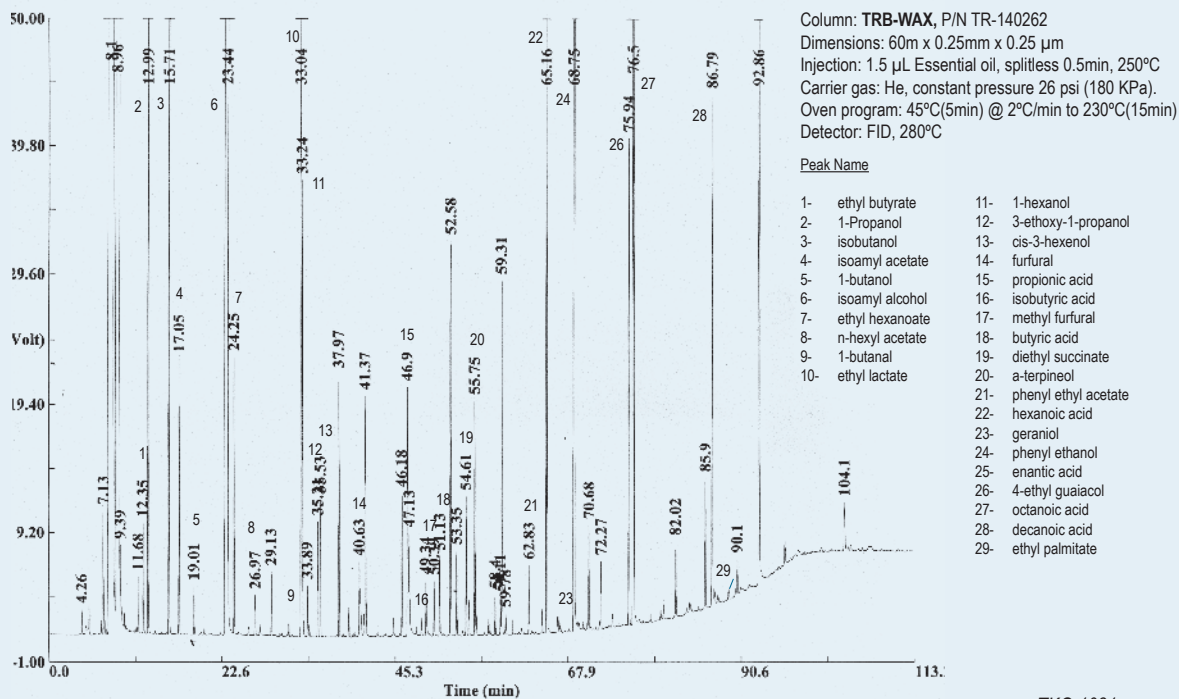
TKG 1027

SEPARATION OF FAMES



TKG 1029

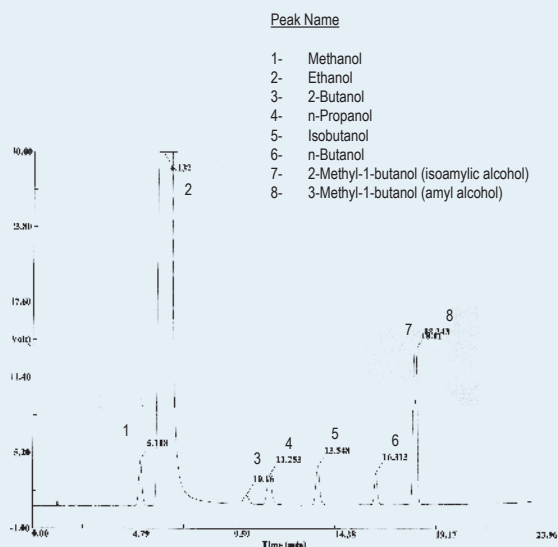
ESSENTIAL OIL



TKG 1031

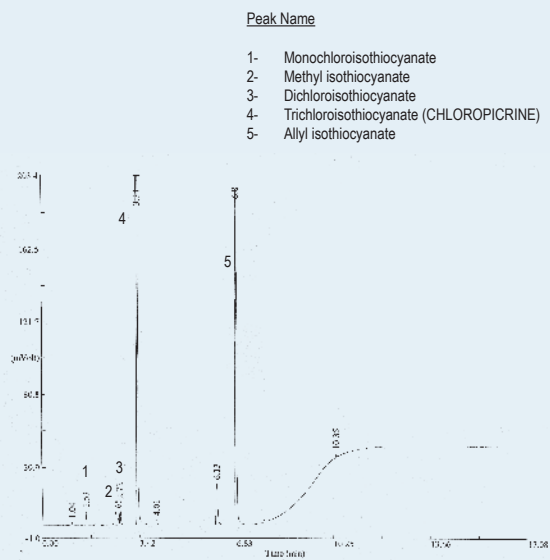
SEPARATION OF ALCOHOLS

Column: **Meta .WAX**, P/N TR-811035
 Dimensions: 30m x 0.53mm x 1.0 µm
 Injection: 1 µL standard, split 1:4, 200°C
 Carrier gas: He, 3 psi (20.7 KPa)
 Oven temperature: 40°C(10min) @ 6°C/min to 125°C(5min)
 Detector: FID, 200°C



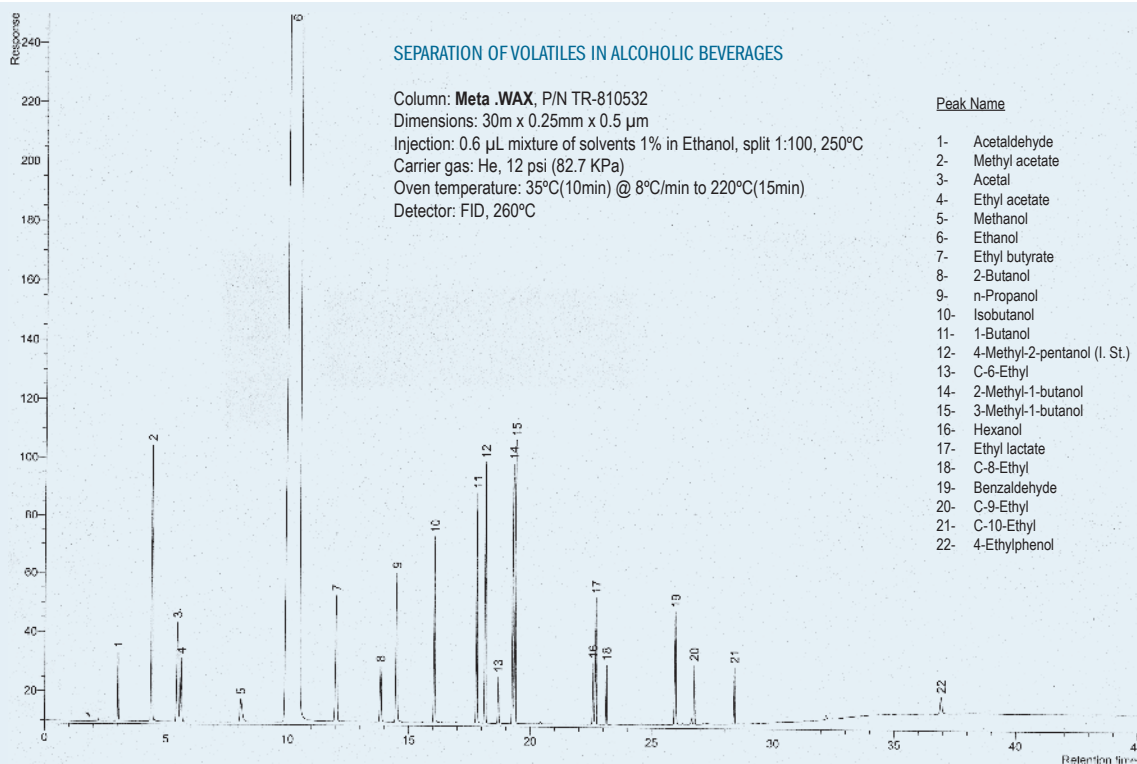
ANALYSIS OF CHLOROPICRINE IN WINES

Column: **TRB-5**, P/N TR-120232
 Dimensions: 30m x 0.25mm x 0.25 µm
 Injection: 1 µL standard (5mg/L), 200°C
 Carrier gas: H₂, 12 psi (82.7 KPa)
 Oven temperature: 43°C(7min) @ 30°C/min to 120°C(10min)
 Detector: ECD, 300°C

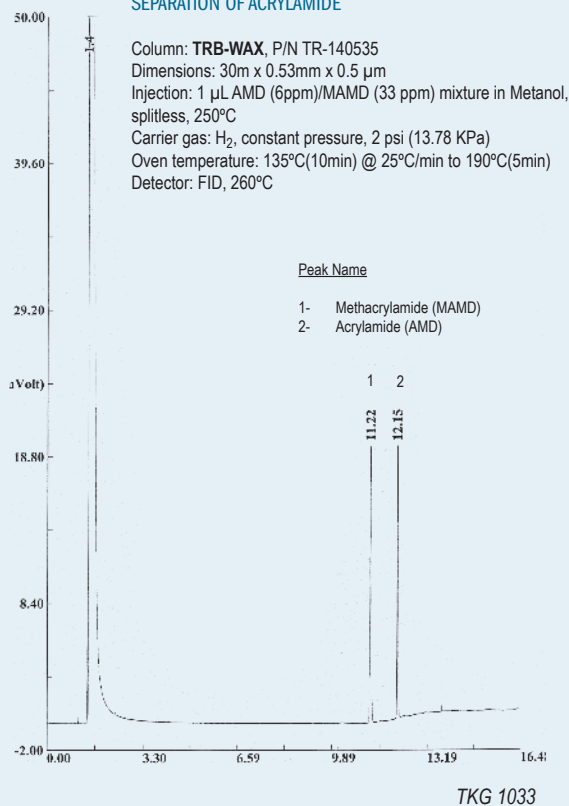


SEPARATION OF VOLATILES IN ALCOHOLIC BEVERAGES

Column: **Meta .WAX**, P/N TR-810532
 Dimensions: 30m x 0.25mm x 0.5 µm
 Injection: 0.6 µL mixture of solvents 1% in Ethanol, split 1:100, 250°C
 Carrier gas: He, 12 psi (82.7 KPa)
 Oven temperature: 35°C(10min) @ 8°C/min to 220°C(15min)
 Detector: FID, 260°C



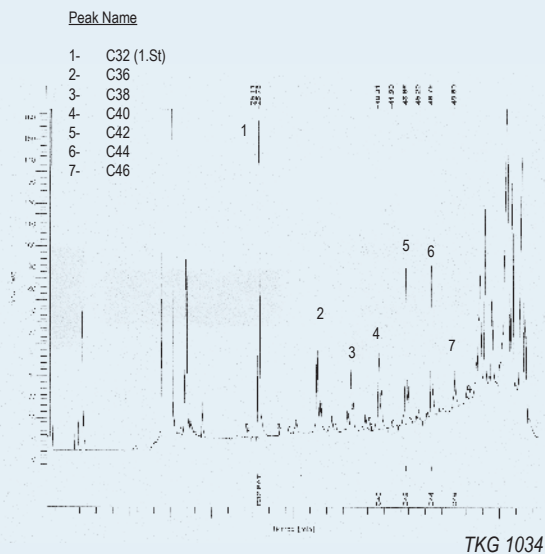
SEPARATION OF ACRYLAMIDE



IDENTIFICATION OF WAX IN OLIVE OIL

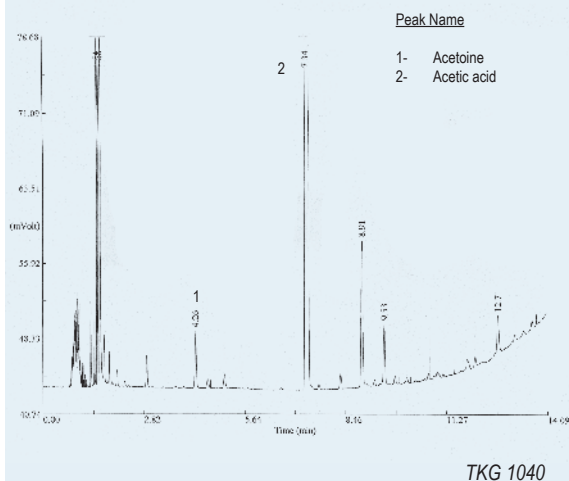
Column: **TRB-5**, P/N TR-120113
 Dimensions: 15m x 0.32mm x 0.1 μ m
 Injection: 1 μ L extraction of Olive Oil following norm, On Column, 280°C
 Carrier gas: H₂, 2mL/min
 Oven program: 85°C @ 35°C/min to 180°C @ 3°C/min to 330°C
 Detector: FID, 350°C

Chromatogram provided by J.E. Trujillo from Ybarra (Sevilla)



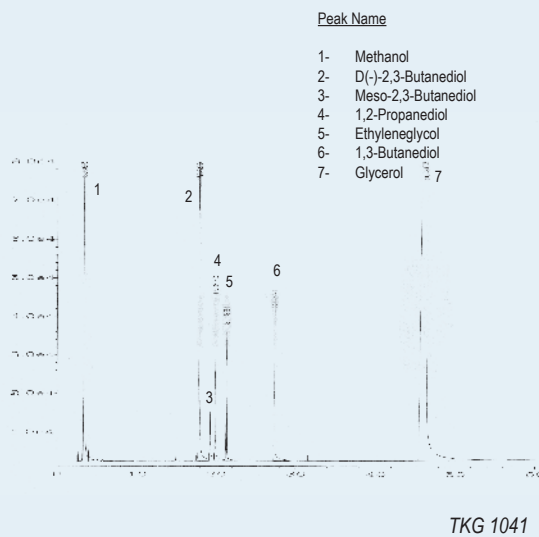
SEPARATION OF ACETOINE IN VINEGAR

Column: **TRB-FFAP**, P/N TR-151025
 Dimensions: 25m x 0.53mm x 1.0 μ m
 Injection: 1 μ L, split 1:100, 250°C
 Carrier gas: H₂, constant pressure 2.9 psi (19.98 KPa)
 Oven temperature: 100°C(5 min) @ 10°C/min to 200°C
 Detector: FID, 250°C



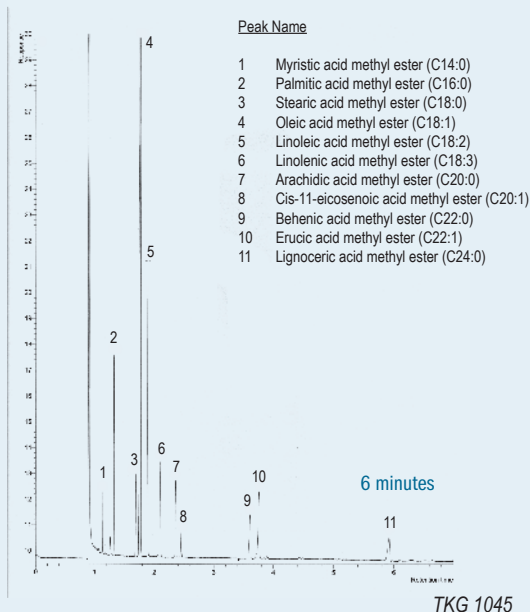
SEPARATION OF POLYOLS IN WINE

Column: **TRB-FFAP**, P/N TR-150262
 Dimensions: 60m x 0.25mm x 0.25 μ m
 Injection: 1 μ L, split 1:100, 250°C
 Carrier gas: H₂, constant flow 1mL/min
 Oven temperature: 80°C(5 min) @ 3°C/min to 200°C(15 min)
 Detector: FID, 250°C



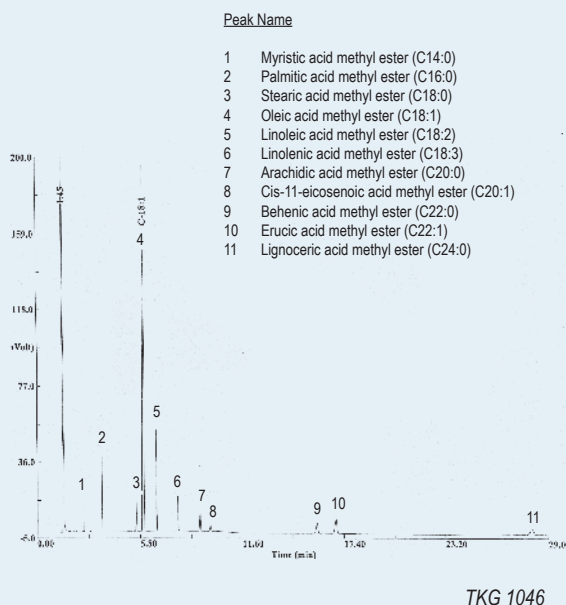
ANALYSIS OF RAPESEED OIL (FAST CHROMATOGRAPHY)

Column: **TRB-WAX**, P/N TR-142181
 Dimensions: 20m x 0.10mm x 0.2 μ m
 Injection: 0.7 μ L Rapeseed oil, split 1:500, 280°C
 Carrier gas: H₂, constant pressure, 54 psi (372 KPa), 41.15 cm/s
 Oven temperature: 205°C (Isothermal)
 Detector: FID, 280°C



ANALYSIS OF RAPESEED OIL

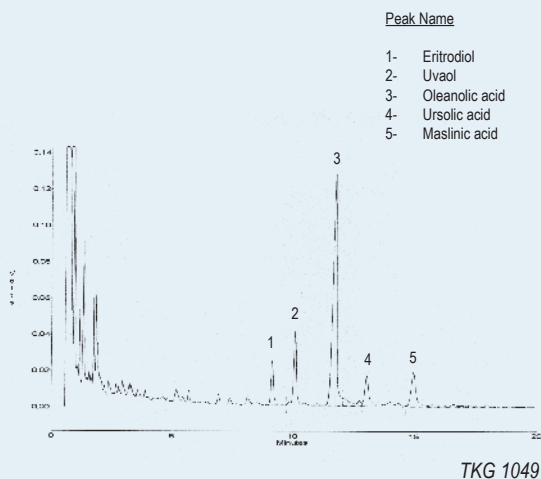
Column: **TRB-WAX**, P/N TR-140232
 Dimensions: 30m x 0.25mm x 0.25 μ m
 Injection: 1 μ L Rapeseed oil, split 1:50, 280°C
 Carrier gas: H₂, 36.23 cm/s
 Oven temperature: 205°C (Isothermal)
 Detector: FID, 280°C



ALCOHOLS AND TERPENIC ACIDS (OLIVE OIL)

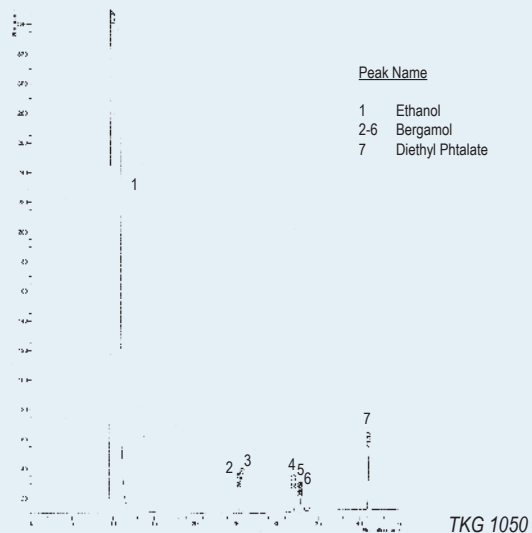
Column: **TRB-35**, P/N TR-351332
 Dimensions: 30m x 0.25mm x 0.15 μ m
 Injection: 1 μ L extract of leaf of Olive Tree, split 1:20, 300°C
 Carrier gas: H₂, constant pressure 12 psi (82.7 KPa).
 Oven temperature: 275°C
 Detector: FID, 300°C

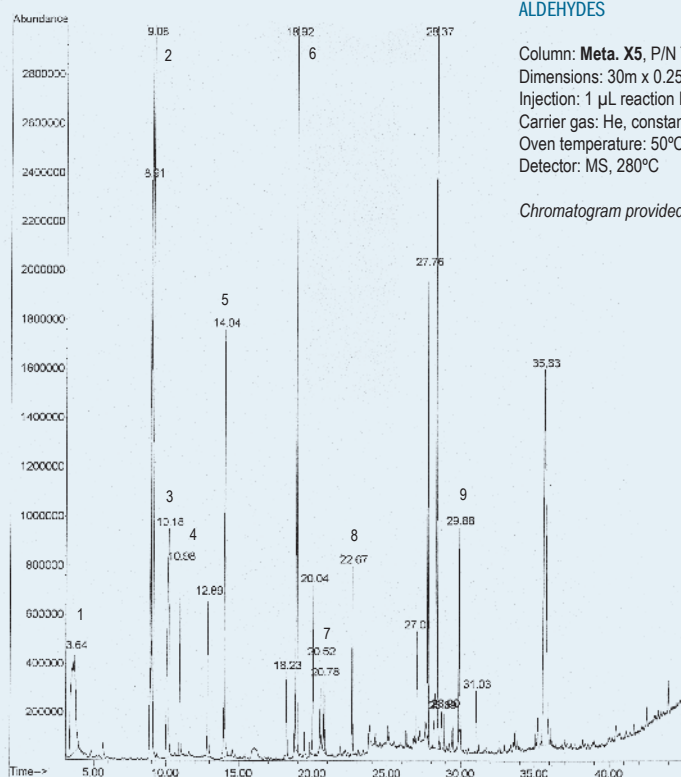
Chromatogram provided by Angeles Guinda from Instituto de la Grasa, CSIC.



ANALYSIS BERGAMOL

Column: **Meta.WAX**, P/N TR-810532
 Dimensions: 30m x 0.25mm x 0.5 μ m
 Injection: 1 μ L standard 0.3% v/v Bergamol/Diethyl Phthalate in Ethanol, split 1:50, 260°C
 Carrier gas: H₂, 12 psi (82.7 KPa).
 Oven temperature: 35°C(10min) @ 8°C/min to 220°C(20min)
 Detector: FID, 260°C





ALDEHYDES

Column: **Meta. X5**, P/N TR-820232
 Dimensions: 30m x 0.25mm x 0.25 μ m
 Injection: 1 μ L reaction Epoxydecenal and Butylamine, splitless (1.5min), 280°C
 Carrier gas: He, constant pressure 12 psi (82.7 KPa).
 Oven temperature: 50°C(1min) @ 5°C/min to 240°C @ 10°C/min to 300°C
 Detector: MS, 280°C

Chromatogram provided by F. Javier Hidalgo Garcia from Instituto de la Grasa, CSIC.

Peak Name

- 1- Hexanal
- 2- 1-Butylpyrrole
- 3- Butanal
- 4- 2-Octanal
- 5- 3-Nonanal
- 6- 2,4-Decadienal
- 7- 2-Butyloctanal
- 8- N-Butyl-2-pentylpyrrole
- 9- N-Butyl-2-(1-hydroxyhexyl)pyrrole

TKG 1051

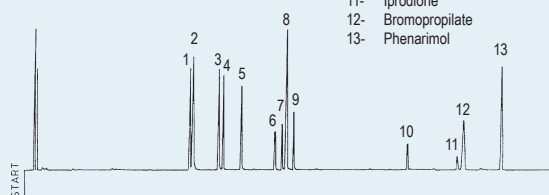
PESTICIDES IN WINES

Column: **TRB-5**, P/N TR-120232
 Dimensions: 30m x 0.25mm x 0.25 μ m
 Injection: 1 μ L standard in Cyclohexane, 250°C
 Carrier gas: He, 1 mL/min
 Oven temperature: 145°C @ 0.55°C/min to 220°C
 Detector: ECD, 300°C

Chromatogram provided by J. García from INCAVI, Vilafranca del Penedès (Barcelona)

Peak Name

- 1- Methyl parathion
- 2- Vinclozoline
- 3- Phenitrothion
- 4- Diclofluanide
- 5- Chlorpyrifos
- 6- Captan
- 7- Folpet
- 8- Chlozolinate
- 9- Procimidone
- 10- Captafol
- 11- Iprodione
- 12- Bromopropilate
- 13- Phenarimol



TKG 1053

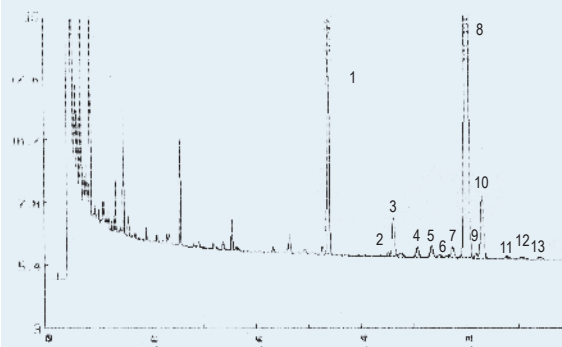
SEPARATION OF STEROLS IN OLIVE OIL (VIRGEN EXTRA)

Column: **TRB-1**, P/N TR-111535
 Dimensions: 30m x 0.53mm x 1.5 μ m
 Injection: 1 μ L extraction of Olive Oil following norm, splitless (1.5min), 280°C
 Carrier gas: He, constant pressure 3 psi (20.7 KPa).
 Oven program: 265°C (Isothermal)
 Detector: FID, 300°C

Peak Name

- 1- Cholesterol
- 2- 24-methylenecholesterol
- 3- Campesterol
- 4- Stigmasterol
- 5- δ^7 -campesterol
- 6- $\delta^5,23$ -stigmasterol
- 7- Chlosterol
- 8- β -sitosterol
- 9- Sitosterol
- 10- δ^5 -avenasterol
- 11- $\delta^5,24$ -stigmastadienol
- 12- δ^7 -stigmasterol
- 13- δ^7 -avenasterol

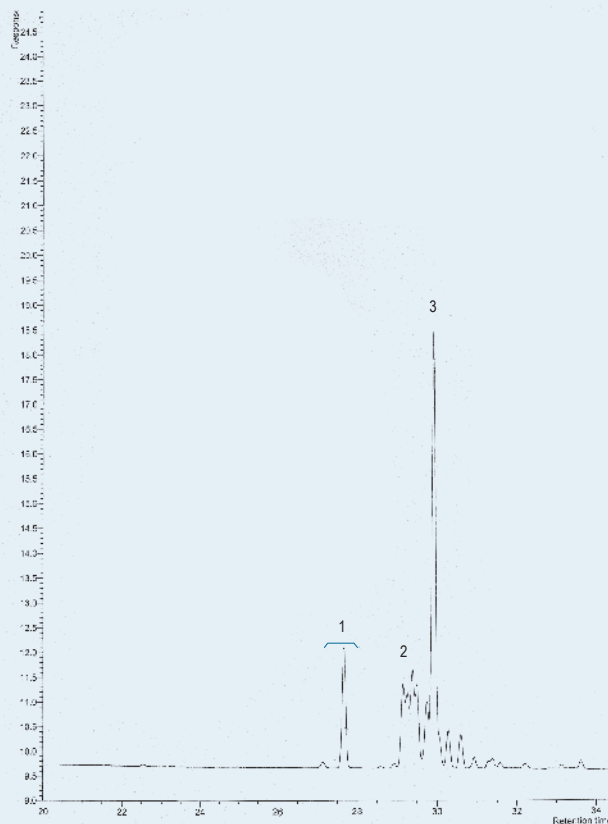
Chromatogram provided by Jesus Rodríguez from Aceites Monterreal (Villa del Río, Córdoba)



TKG 1082

HYDROGENATED SOYA OIL

Column: **TR-CN100**, P/N TR-882162
 Dimensions: 60m x 0.25mm x 0.20 μ m
 Injection: 0.4 μ L Hydrogenated Soya Oil, split 1:50, 280°C
 Carrier gas: H₂, 25 psi (172.2 KPa)
 Oven program: 150°C(15min) @ 1.5°C/min to 220°C(5min)
 Detector: FID, 280°C



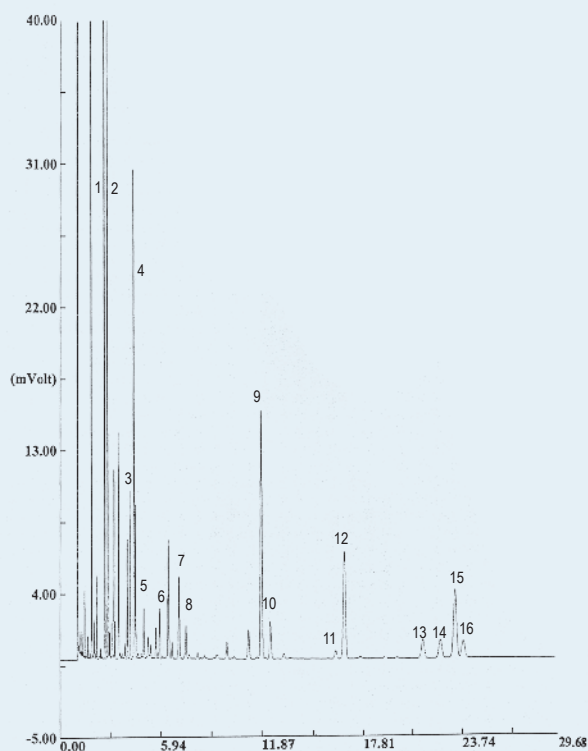
Peak Name

- 1- C18:0
- 2- C18:1trans
- 3- C18:1cis

TKG 1024

SEPARATION OF FAMES

Column: **TR-WAXOmega**, P/N TR-840233
 Dimensions: 30m x 0.32mm x 0.25 μ m
 Injection: 1 μ L test SP-4-8476, split 1:90, 250°C
 Carrier gas: H₂, 9.5 psi (65.4 KPa)
 Oven temperature: 200°C (Isothermal)
 Detector: FID, 260°C



Peak Name

- 1- C14:0
- 2- C16:0
- 3- C18:0
- 4- C18:1n9
- 5- C18:1n7
- 6- C18:2n6
- 7- C18:4n3
- 8- C20:0
- 9- C20:5n3 (EPA)
- 10- C22:0
- 11- C21:5n3
- 12- C23:0
- 13- C22:5n3
- 14- C24:0
- 15- C22:6n3 (DHA)
- 16- C24:1n9

TKG 1028

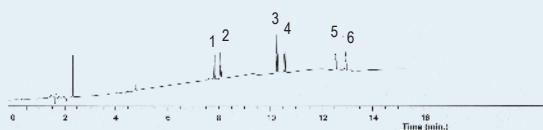
PHENOLS-ANISOL IN WINE

Column: **TR-5MS** P/N TR-520232
 Dimensions: 30m x 0.25mm x 0.25 µm
 Injection: 280°C, 1 µL (St 100 ppb), split (30:1)
 Carrier gas: H₂, 1.2 ml/min. 17 psi (117 kPa) to 80°C
 Oven temperature: 80°C to 120°C (5min) @ 10°C/min.
 Detector: ECD, 330°C

Peak Name

- 1- Trichlorophenol
- 2- Trichloroanisole
- 3- Tetrachlorophenol
- 4- Tetrachloroanisole
- 5- Pentachlorophenol
- 6- Pentachloroanisole

Exceptional symmetry of the peaks at traces level



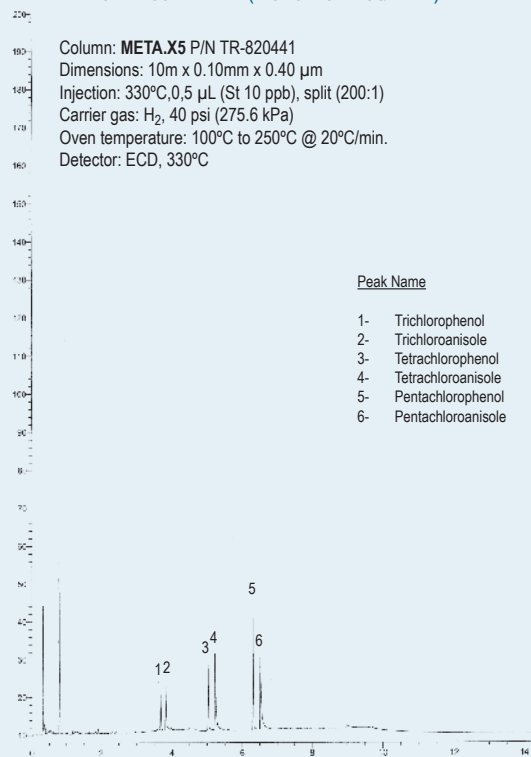
TKG 1068

PHENOL-ANISOL IN WINE (FAST CHROMATOGRAPHY)

Column: **META.X5** P/N TR-820441
 Dimensions: 10m x 0.10mm x 0.40 µm
 Injection: 330°C, 0.5 µL (St 10 ppb), split (200:1)
 Carrier gas: H₂, 40 psi (275.6 kPa)
 Oven temperature: 100°C to 250°C @ 20°C/min.
 Detector: ECD, 330°C

Peak Name

- 1- Trichlorophenol
- 2- Trichloroanisole
- 3- Tetrachlorophenol
- 4- Tetrachloroanisole
- 5- Pentachlorophenol
- 6- Pentachloroanisole



TKG 1193

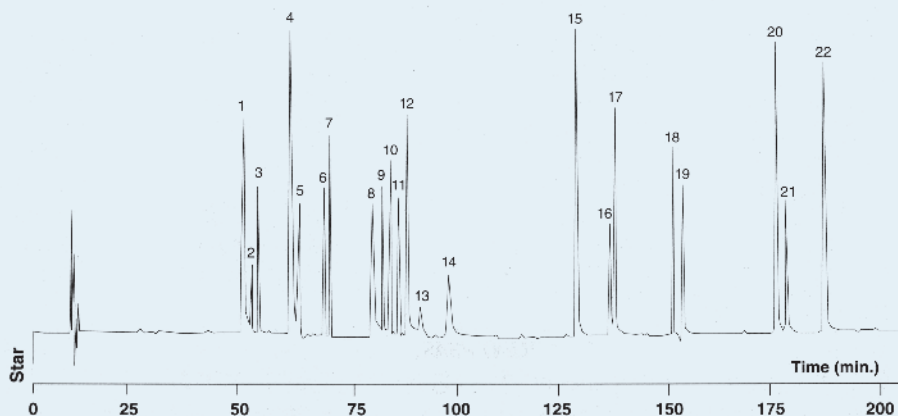
PHYTOSANITARY ANALYSIS IN WINE

Column: **Meta.X5** P/N TR-820232
 Dimensions: 30m x 0.25mm x 0.25 µm
 Injection: 2.0 µL split (1:100), 250°C
 Carrier gas: He, 1 ml/min.
 Oven temperature: 140°C to 180°C @ 0.4°C/min. to 270°C(15min.) @ 1°C/min.
 Detector: ECD, 300°C, make up Argon/methane (95/5)
 Sample: Phytosanitary standard INCAVI, (70-680 µg/L of each component)

Chromatogram supplied by M. Jaldo, J. García (Incavi) and J. Marco (Torres, S.A.)

Peak Name

- 1- Methylchlorpyrifos
- 2- Methylparathion
- 3- Vinclozoline
- 4- Fenitrothion
- 5- Dichlofluaniide
- 6- Malathion
- 7- Chlorpyrifos
- 8- Captan
- 9- Penconazole
- 10- Folpet
- 11- Chlozolinate
- 12- Triadimenol + Proclimidione
- 13- Triadimenol
- 14- Hexocanazol
- 15- Captafol
- 16- Iprodione
- 17- Bromopropylate
- 18- Fenarimol
- 19- Cyatrin
- 20- Fenvalerate
- 21- Fenvalerate
- 22- Azoxystrobin

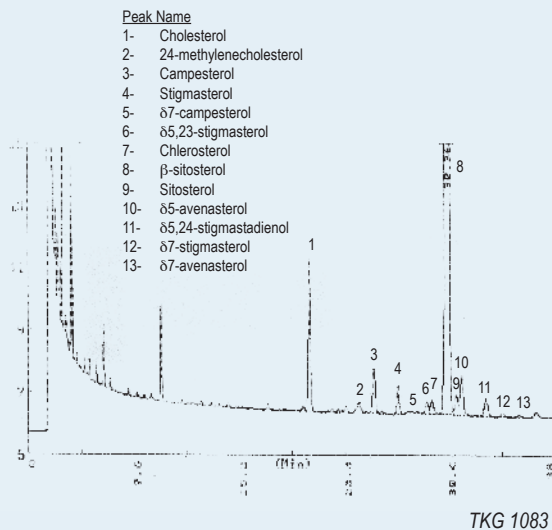


TKG 1079

SEPARATION OF STEROLS IN OLIVE OIL (ORUJO)

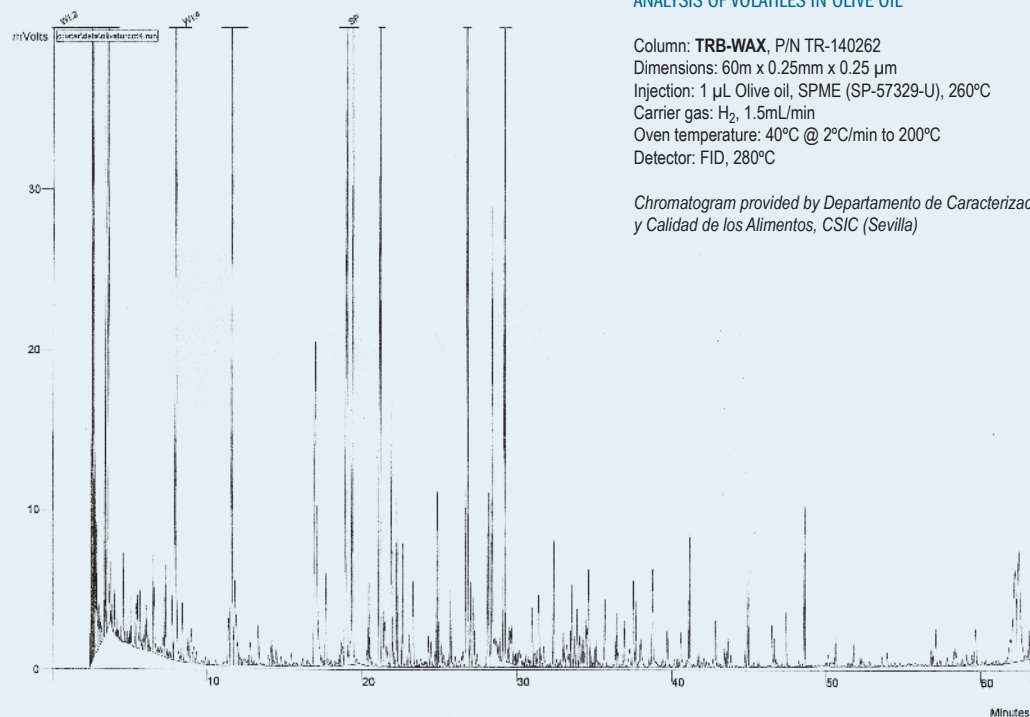
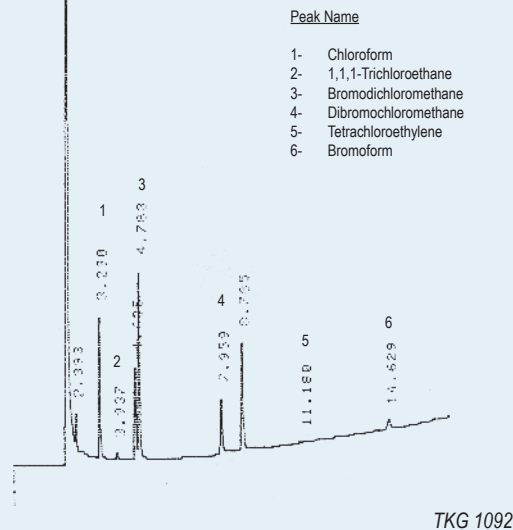
Column: **TRB-1**, P/N TR-111535
 Dimensions: 30m x 0.53mm x 1.5 μ m
 Injection: 1 μ L extraction of Olive Oil following norm, splitless (1.5min), 280°C
 Carrier gas: He, constant pressure 3 psi (20.7 KPa).
 Oven program: 265°C (Isothermal)
 Detector: FID, 300°C

Chromatogram provided by Jesus Rodriguez from Aceites Monterreal (Villa del Río, Córdoba)



CHLORINATED SOLVENTS IN OLIVE OIL

Column: **TRB-5**, P/N TR-121033
 Dimensions: 30m x 0.32mm x 1.0 μ m
 Injection: 0.5 μ L Head Space (2t), standard 0.05 ppm, 150°C
 Carrier gas: He, 7psi (48.2 KPa)
 Oven temperature: 50°C (Isothermal)
 Detector: ECD, 250°C



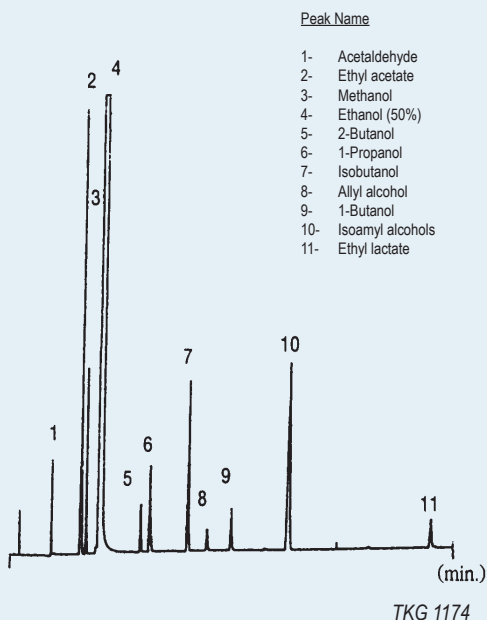
ANALYSIS OF VOLATILES IN OLIVE OIL

Column: **TRB-WAX**, P/N TR-140262
 Dimensions: 60m x 0.25mm x 0.25 μ m
 Injection: 1 μ L Olive oil, SPME (SP-57329-U), 260°C
 Carrier gas: H₂, 1.5mL/min
 Oven temperature: 40°C @ 2°C/min to 200°C
 Detector: FID, 280°C

Chromatogram provided by Departamento de Caracterización y Calidad de los Alimentos, CSIC (Sevilla)

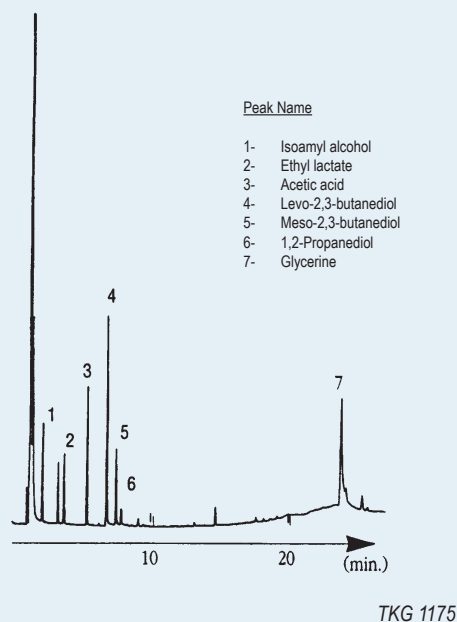
SEPARATION OF VOLATILES IN ALCOHOLIC BEVERAGES

Column: **TRB-WAX**, P/N TR-141035
 Dimensions: 30m x 0.53mm x 1.0 μ m
 Injection: 1 μ L, split
 Carrier gas: He, 5 psi (34.5 KPa)
 Oven temperature: 40°C @ 2°C/min to 150°C
 Detector: FID, 225°C



ANALYSIS OF GLYCOLS IN WINE

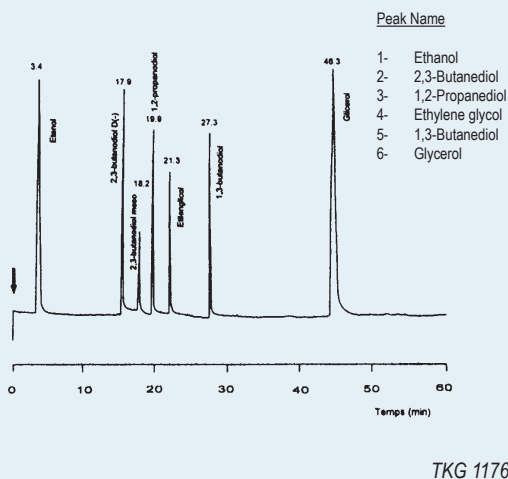
Column: **TRB-FFAP**, P/N TR-151035
 Dimensions: 30m x 0.53mm x 1.0 μ m
 Injection: 1 μ L, split
 Carrier gas: He, 4 psi (27.6 KPa)
 Oven temperature: 100°C @ 5°C/min to 200°C (10 min)
 Detector: FID, 275°C



ANALYSIS OF POLYOLS IN WINE

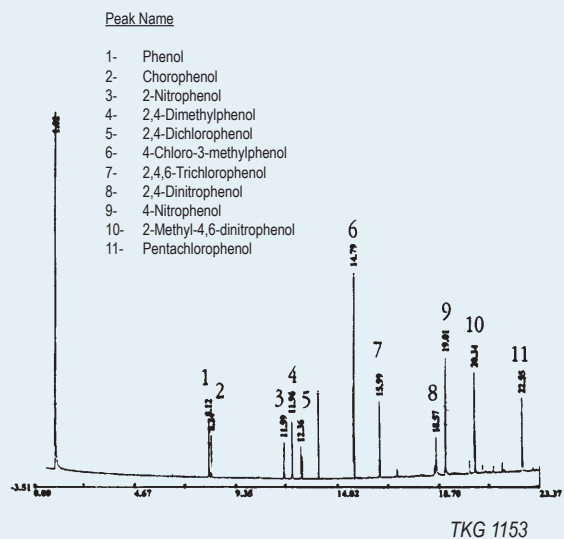
Column: **TRB-FFAP**, P/N TR-150262
 Dimensions: 60m x 0.25mm x 0.25 μ m
 Injection: 1 μ L, split (100:1), glycols standard, 205°C
 Carrier gas: H₂, 1 mL/min (80°C)
 Oven temperature: 100°C @ 5°C/min to 200°C (10 min)
 Detector: FID, 275°C

Chromatogram provided by R. Franquet and J. Garcia from INCAVI, Vilafranca del Penedès (Barcelona)



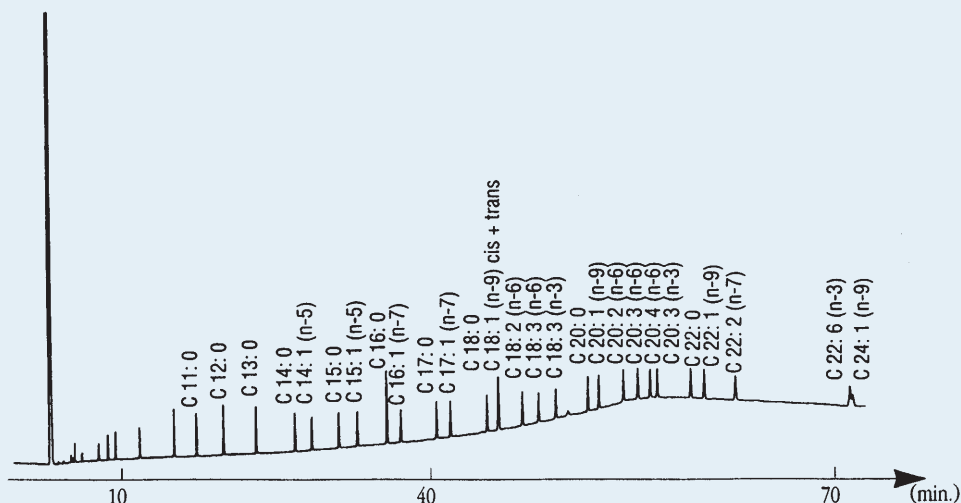
PHENOLS EPA 604

Column: **TRB-5**, P/N TR-120232
 Dimensions: 30m x 0.25mm x 0.25 μ m
 Injection: 1 μ L, split, 2 to 6 ng/comp, 250°C
 Carrier gas: H₂, 12 psi (82.68 KPa)
 Oven temperature: 80°C (4min) @ 8°C/min to 250°C
 Detector: FID, 280°C



SEPARATION OF FAMES

Column: **TR-WAX**, P/N TR-140262
 Dimensions: 60m x 0.25mm x 0.25 μ m
 Injection: 1 μ L, split
 Carrier gas: He, 26 psi (179.1 KPa)
 Oven temperature: 60°C @ 30°C/min to 150°C @ 2°C/min to 240°C
 Detector: FID, 275°C



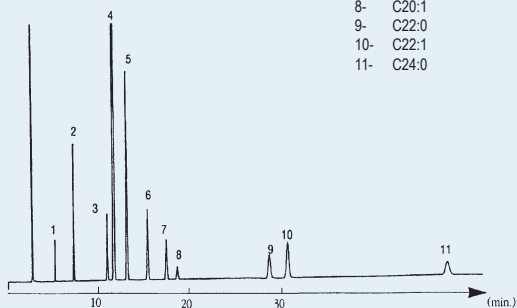
TKG 1177

SEPARATION OF METHYL ESTERS (RAPESEED OIL)

Column: **TRB-WAX**, P/N TR-141035
 Dimensions: 30m x 0.53mm x 1.0 μ m
 Injection: 1 μ L, split
 Carrier gas: He, 4psi (27.6 KPa)
 Oven temperature: 220°C (Isothermal)
 Detector: FID, 280°C

Peak Name

- 1- C14:0
- 2- C16:0
- 3- C18:0
- 4- C18:1
- 5- C18:2
- 6- C18:3
- 7- C20:0
- 8- C20:1
- 9- C22:0
- 10- C22:1
- 11- C24:0



TKG 1179

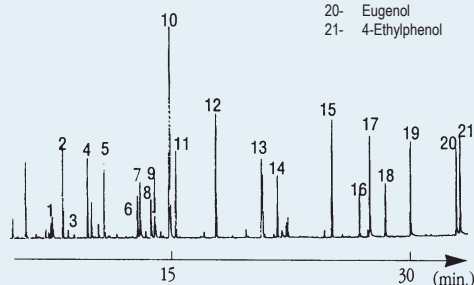
FLAVORS IN WINE

Column: **TRB-WAX**, P/N TR-142168
 Dimensions: 60m x 0.22mm x 0.20 μ m
 Injection: 1 μ L, split
 Carrier gas: He, 1 mL/min
 Oven temperature: 45°C @ 5°C/min to 230°C
 Detector: FID, 250°C

*Chromatogram provided by M. Creixell,
 R. Franquet and J. Garcia from INCAVI,
 Vilafranca del Penedès, Barcelona.*

Peak Name

- 1- 2-Butanol
- 2- Ethyl isovalerate
- 3- 1-Butanol
- 4- Ethyl caproate
- 5- n-Hexyl acetate
- 6- Ethyl lactate
- 7- 1-Hexanol
- 8- 3-Ethoxy-1-propanol
- 9- cis-3-hexen-1-ol
- 10- 2-Octanol (l. St.)
- 11- Ethyl caprylate
- 12- Benzaldehyde
- 13- Ethyl caprate
- 14- γ -Butyrolactone
- 15- 2-Phenylethanol acetate
- 16- Trans- β -methyl- γ -octalactone
- 17- 2-Phenylethanol
- 18- Cis- β -methyl- γ -octalactone
- 19- 4-Ethylguaiacol
- 20- Eugenol
- 21- 4-Ethylphenol

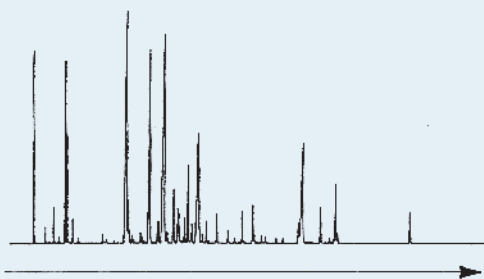


TKG 1180

LAVANDER FLAVOR

Column: **TRB-WAX**, P/N TR-140232
 Dimensions: 30m x 0.25mm x 0.25 µm
 Injection: 1 µL, split
 Carrier gas: He, 90 KPa
 Oven temperature: 80°C @ 4°C/min to 230°C(20 min)
 Detector: FID, 260°C

Chromatogram provided by C. Ibañez from Lucta, S.A, Barcelona.

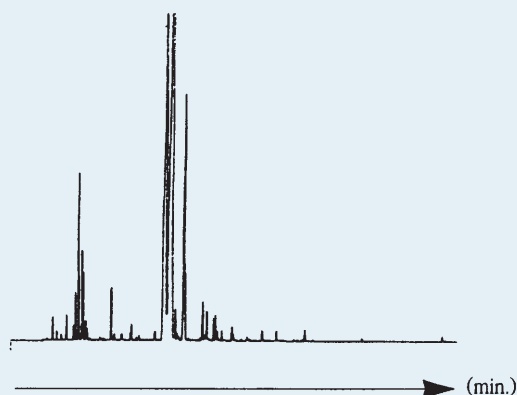


TKG 1181

FLAVORS (LAVANDER, ESSENTIAL OIL)

Column: **TRB-WAX**, P/N TR-140232
 Dimensions: 30m x 0.25mm x 0.25 µm
 Injection: 1 µL, split
 Carrier gas: He, 90 KPa
 Oven temperature: 80°C @ 4°C/min to 230°C(20 min)
 Detector: FID, 260°C

Chromatogram provided by C. Ibañez from Lucta, S.A, Barcelona.

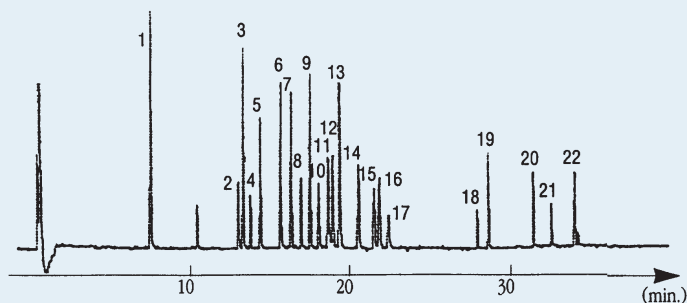


TKG 1182

ANALYSIS OF PESTICIDES

Column: **TRB-5**, P/N TR-120232
 Dimensions: 30m x 0.25mm x 0.25 µm
 Injection: split
 Carrier gas: He
 Oven temperature: 125°C(1 min) @ 8°C/min to 200°C(10 min) @ 20°C/min to 270°C(15 min)
 Detector: FPD, 280°C

Chromatogram provided by E. Casado from Laboratorio de Plagidas of Centro Nacional de Alimentación y Nutrición, Madrid.



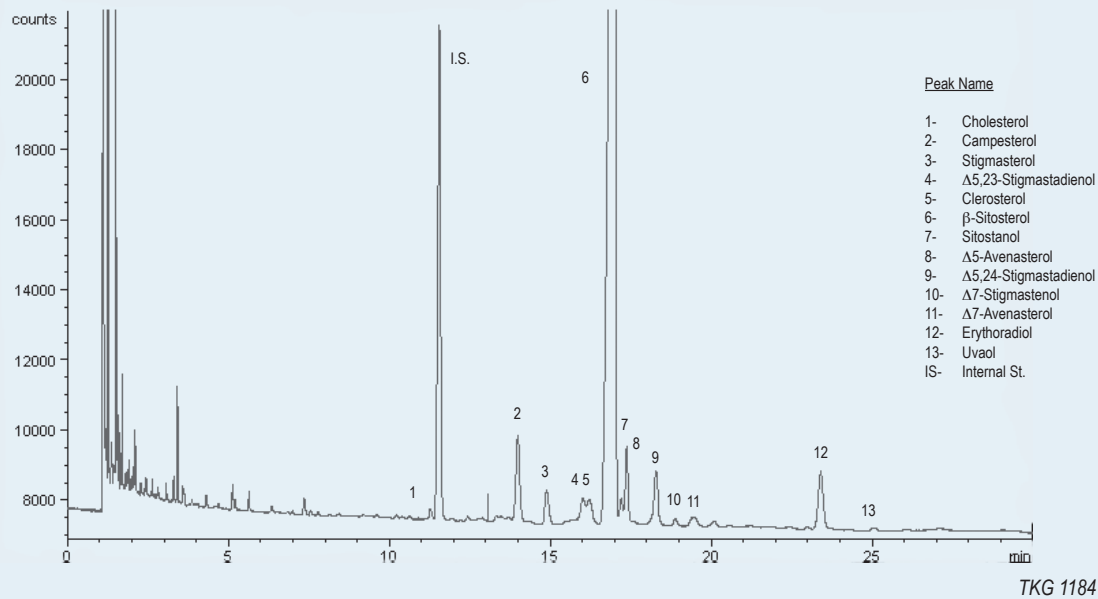
Peak Name

- 1- Metacriphos
- 2- Dioxathion
- 3- Fonofos
- 4- Diazinon
- 5- Etrinfos
- 6- Methyl parathion
- 7- Fenclorpos
- 8- Fenitrothion
- 9- Malathion
- 10- Ethyl parathion
- 11- Ruelene
- 12- Methyl bromophos
- 13- Ethyl pirymiphos
- 14- Isofenphos
- 15- Meditathion
- 16- Ethyl bromophos
- 17- Gardona
- 18- Ethion
- 19- Trithion
- 20- Fosalon
- 21- Cumaphos

TKG 1183

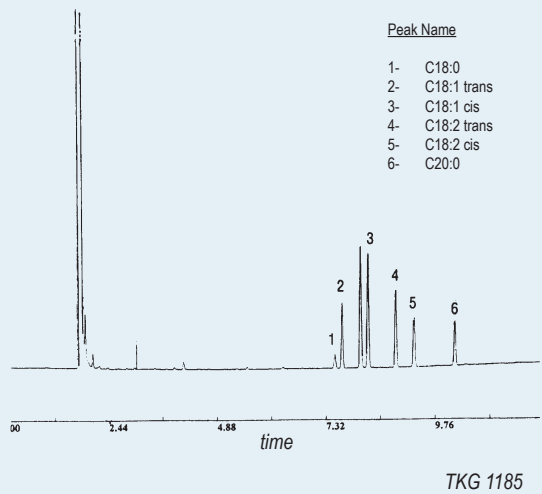
STEROLS ANALYSIS (REFINATED OLIVE OIL)

Column: **TRB-STEROL**, P/N TR-182238
Dimensions: 30m x 0.22mm x 0.22 μ m
Injection: split
Carrier gas: H₂, 20 psi (137.8 KPa)
Oven temperature: 275°C (Isothermal)
Detector: FID, 300°C
Chromatogram provided by Dr. Manuel León from Instituto de la Grasa, Sevilla



ANALYSIS OF CIS-TRANS ISOMERS

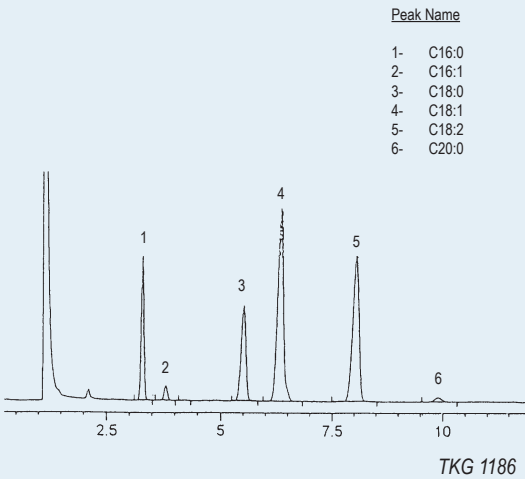
Column: **TR-CN100**, P/N TR-882133
Dimensions: 30m x 0.32mm x 0.20mm
Injection: 1 μ L isomers standard, split
Carrier gas: H₂, 4.5 psi (31 KPa)
Oven temperature: 140°C @ 4°C/min to 190°C
Detector: FID, 250°C



ANALYSIS OF METHYL ESTERS

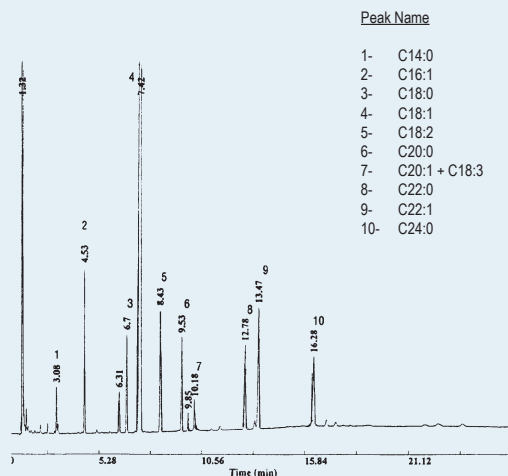
Column: **TR-CN100**, P/N TR-882135
Dimensions: 30m x 0.53mm x 0.20 μ m
Injection: 2 μ L FAMES standard, split
Carrier gas: He, 20 KPa
Oven temperature: 130°C(5 min) @ 3°C/min to 160°C
Detector: FID, 250°C

Chromatogram provided by Dr. R. Garcés from Instituto de la Grasa, Sevilla.



ANALYSIS OF METHYL ESTERS

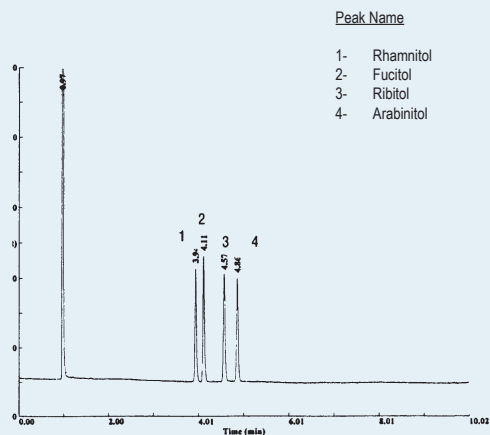
Column: **TR-CN100**, P/N TR-882113
 Dimensions: 15m x 0.32mm x 0.20 µm
 Injection: 1 µL FAMES standard, split
 Carrier gas: H₂, 2.4 psi (16.6 KPa)
 Oven temperature: 140°C @ 3°C/min to 185°C
 Detector: FID, 250°C



TKG 1187

SEPARATION OF SUGARS (AS ALDITOL ACETATES)

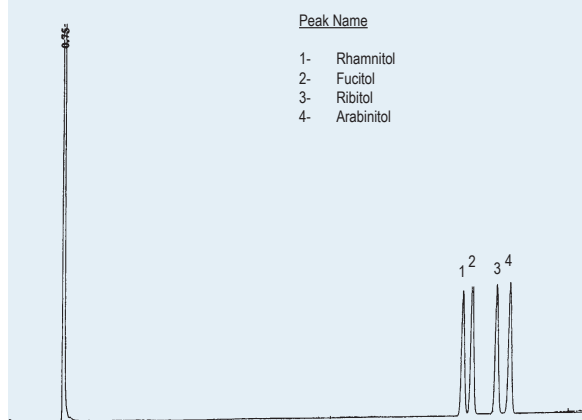
Column: **TRB-225**, P/N TR-250232
 Dimensions: 30m x 0.25mm x 0.25 µm
 Injection: 1 µL Sugars standard, split
 Carrier gas: H₂, 11 psi (75.8 KPa)
 Oven temperature: 220°C (Isothermal)
 Detector: FID, 250°C



TKG 1188

SEPARATION OF SUGARS (AS ALDITOL ACETATES)

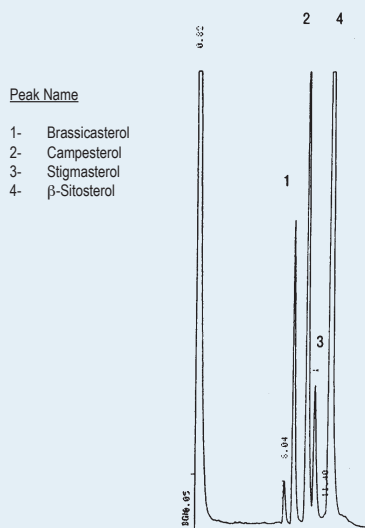
Column: **TRB-1701**, P/N TR-130212
 Dimensions: 15m x 0.25mm x 0.25 µm
 Injection: 1 µL Sugars standard, split
 Carrier gas: H₂, 6 psi (41.3 KPa)
 Oven temperature: 180°C @ 4°C/min to 215°C
 Detector: FID, 250°C



TKG 1189

SEPARATION OF STEROLS

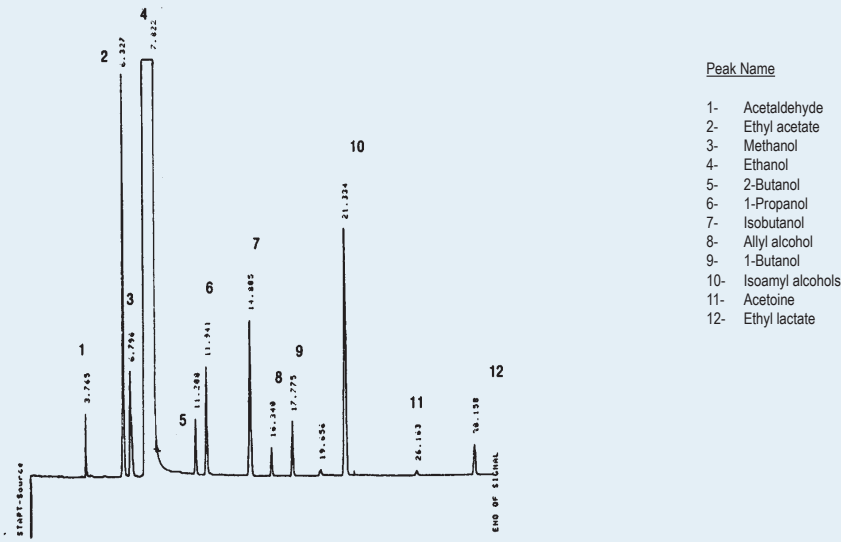
Column: **TRB-5**, P/N TR-120535
 Dimensions: 30m x 0.53mm x 0.50 µm
 Injection: 0.1 µL Sterols standard, direct injection
 Carrier gas: H₂, 4 psi (27.6 KPa)
 Oven temperature: 275°C (Isothermal)
 Detector: FID, 300°C



TKG 1190

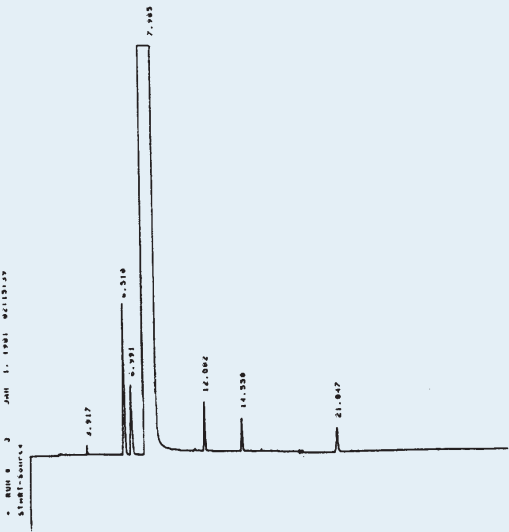
SEPARATION OF VOLATILES IN ALCOHOLIC BEVERAGES

Column: **TRB-WAX**, P/N TR-141035
Dimensions: 30m x 0.53mm x 1.0 μ m
Injection: 0.3 μ L standard, direct injection (injector of packed columns)
Carrier gas: N₂, 4.5 mL/min
Oven temperature: 40°C @ 2°C/min to 110°C
Detector: FID, 250°C



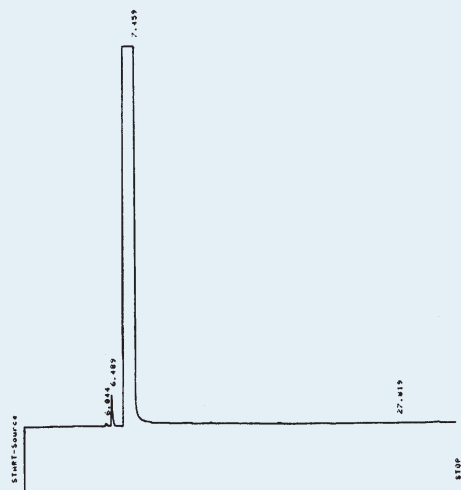
TKG 1191-A

Distillated alcohol



TKG 1191-B

Rectified alcohol



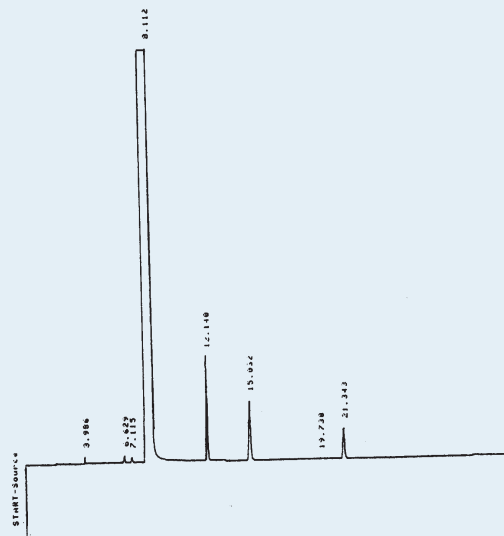
TKG 1191-C

"alcohol melazas"



TKG 1191-D

Schotch whisky



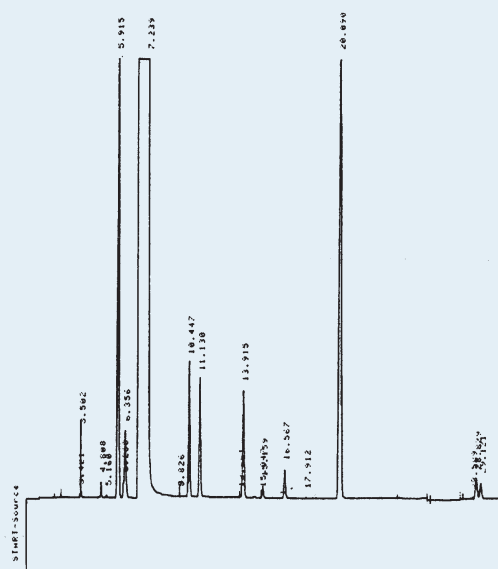
TKG 1191-E

Brandy 63°



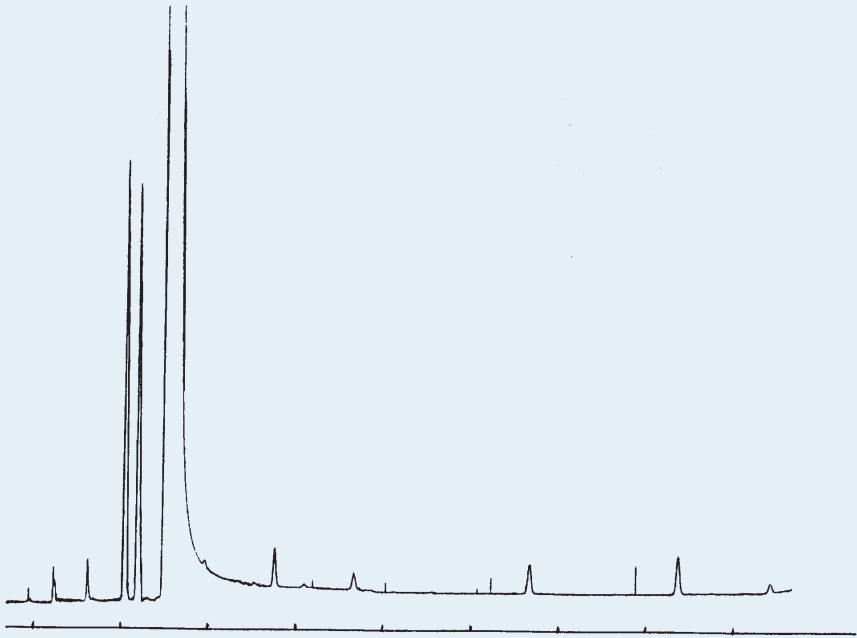
TKG 1191-F

Liquor



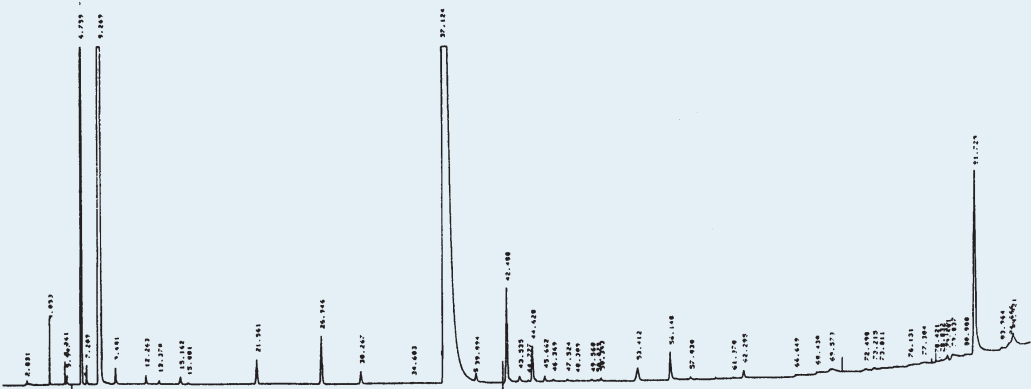
TKG 1191-G

Gin



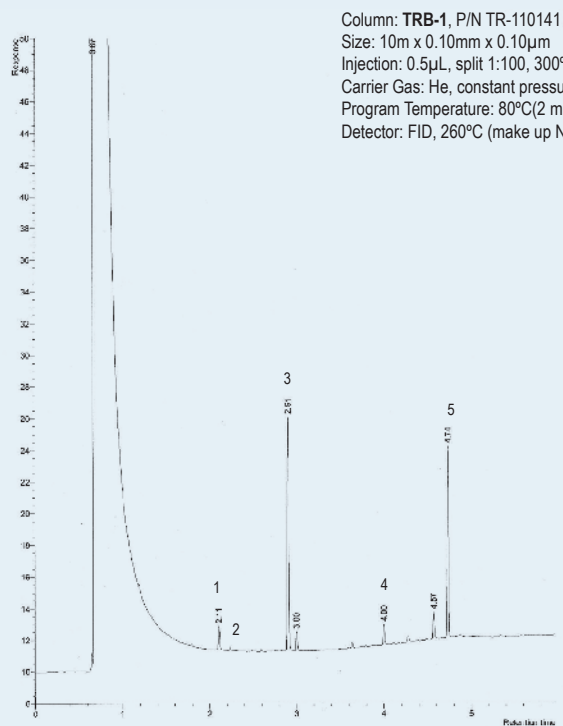
TKG 1191-H

Jerez Vinegar



TKG 1191-I

EXTRACT OF ROSEMARY IN N-PENTANE



Column: **TRB-1**, P/N TR-110141
 Size: 10m x 0.10mm x 0.10µm
 Injection: 0.5µL, split 1:100, 300°C (liner 1mm)
 Carrier Gas: He, constant pressure 35 psi (0.4mL/min)
 Program Temperature: 80°C(2 min) @ 20°C/min to 250°C(5 min)
 Detector: FID, 260°C (make up N2, 60 mL/min)

Peak Name

- | | |
|---|------------------|
| 1 | α-Pinene |
| 2 | Camphene |
| 3 | Eucalyptol |
| 4 | 1,7,7-Tricamphor |
| 5 | Verbenone |

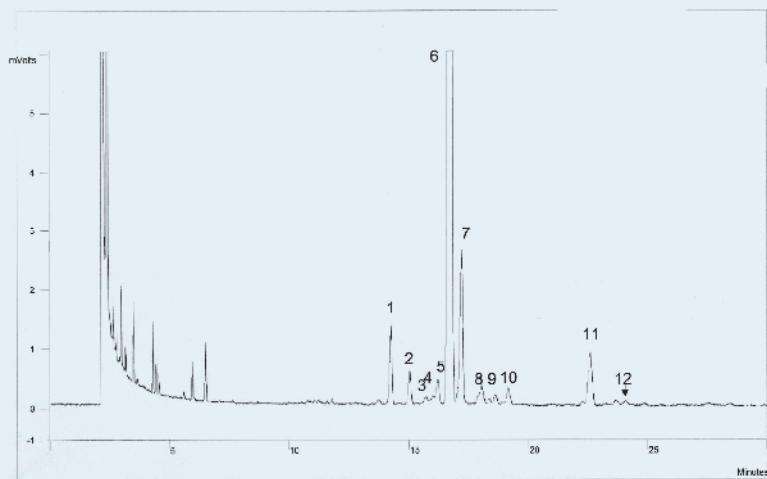
TKG 1196

STEROLS IN OLIVE OIL

Column: **TRB-STEROL**, P/N TR-180738
 Size: 30m x 0.22mm x 0.12µm
 Injection: 1 µL olive oil in diethyl ether (extraction following norm), split 1:30, 250°C
 Carrier Gas: H₂, constant flow 1.6 mL/min
 Oven Temperature: 285°C
 Detector: FID, 320°C

Peak Name

- | | |
|----|------------------------------------|
| 1 | Campesterol |
| 2 | Stigmasterol |
| 3 | Δ ⁷ -Campesterol |
| 4 | Δ ^{5,23} -Stigmastadienol |
| 5 | Clerosterol |
| 6 | β-Sitosterol |
| 7 | Δ ⁵ -Avenasterol |
| 8 | Δ ^{5,24} -Stigmastadienol |
| 9 | Δ ⁷ -Stigmasterol |
| 10 | Δ ⁷ -Avenasterol |
| 11 | Eritriol |
| 12 | Uvaol |



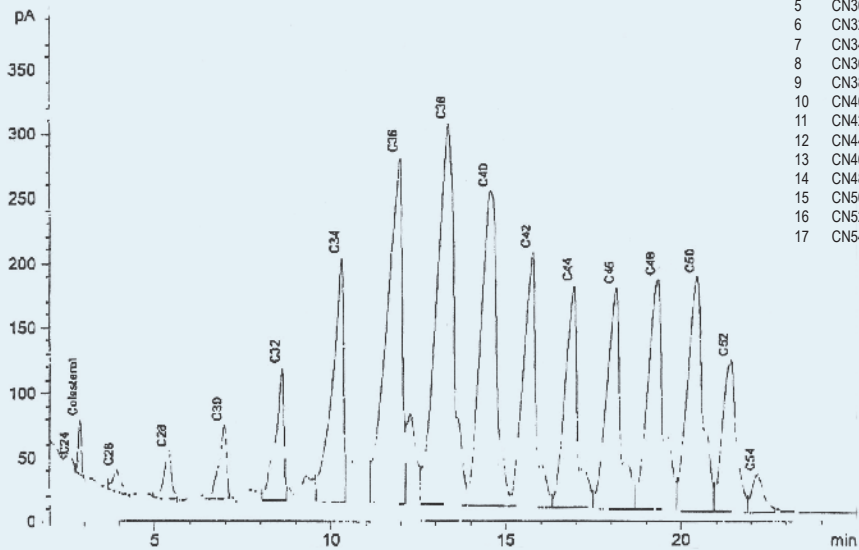
Chromatogram provided by Dr. Manuel León, Instituto de la Grasa (Sevilla).

TKG 1197

TRIGLYCERIDES IN MILKY FAT

Column: **TRB-1ht SimDist**, P/N TR-6113A5 INOX
Size: 5m x 0.53mm x 0.15µm
Injection: 1 µL triglycerides of milky fat standard BCR, 370°C, split
Carrier Gas: He, 15 psi
Program Temperature: 200°C(1 min) @ 6°C/min to 350°C(5 min)
Detector: FID, 370°C (N2 make up)

Chromatogram provided by Pablo Ramos Balbona , Reny Picot (Navia, Asturias)



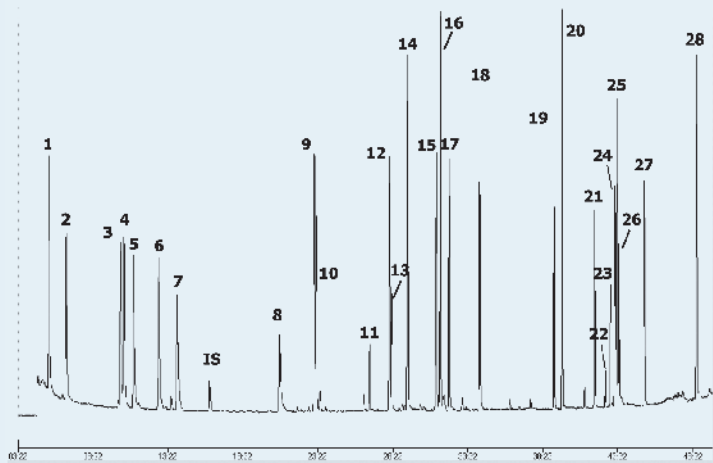
Peak Name	
1	CN24
2	Cholesterol
3	CN26
4	CN28
5	CN30
6	CN32
7	CN34
8	CN36
9	CN38
10	CN40
11	CN42
12	CN44
13	CN46
14	CN48
15	CN50
16	CN52
17	CN54

TKG 1230

ALLERGENS IN COSMETICS

Column: **TRB-WAX**, P/N TR-140232
Size: 30m x 0.25mm x 0.25µm
Injection: 1 µl standard (25 µg/ml) in dichloromethane, splitless (60s), 250°C
Carrier Gas: He, 1mL/min
Program temperature: 32°C (5min) @ 4°C/min to 250°C (5min)
Detector: MS KONIK-TECH, Mode EI+ (70 eV), rango mas 35-300, Scan time 35ms,
Source Temperature 120°C, Interface 250°C, Photomultiplier 750V.

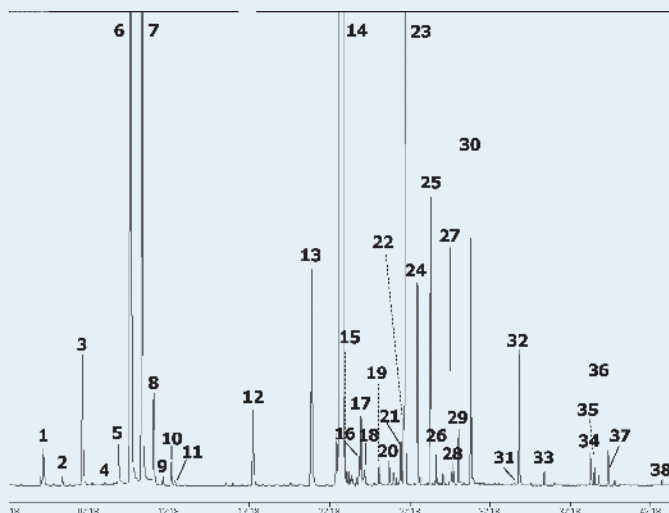
Chromatogram provided by Nieves Sarrion from KONIK-TECH, S.A (Barcelona).



Peak Name	
1	α-Pinene
2	Camphene
3	β-Myrcene
4	α-Terpinene
5	Limonene
6	γ-Terpinene
7	Terpinolene
8	β-citronellal
9	Linalool
10	Linalyl acetate
11	Neral
12	s-Carvone
13	Geranial
14	β-Citronellol
15	α-
16	Geraniol
17	Benzyl alcohol
18	Hydroxycitronellal
19	Eugenol
20	Thymol
21	Cinnamyl alcohol
22	Farnesol (1)
23	Farnesol (2)
24	Isoeugenol
25	Hexyl cinnamal
26	Farnesol (3)
27	Coumarine
28	Benzyl benzoate
IS	Ethyl heptanoate

TKG 1199

Column: **TRB-WAX**, P/N TR-140232
 Size: 30m x 0.25mm x 0.25µm
 Injection: split 1:30, 250°C (liner SPME, fibra: 2cm 50/30 µm DVB/Carboxen/PDMS)
 Sample: 5 µl soap in 4 mL of water (26.6% NaCl)
 Carrier gas: He, 1mL/min
 Program temperature: 32°C (5min) @ 4°C/min to 250°C (5min)
 Detector: MS KONIK-TECH, Mode EI+ (70 eV), range mass 35-300, Scan time 35ms,
 Source Temperature 120°C, Interface Temperature 250°C, Photomultiplier 750V.



Peak Name

- 1 α-Pinene
- 2 Camphene
- 3 β-Pinene
- 4 3-Carene
- 5 β-Myrcene
- 6 Limonene
- 7 Eucalyptol
- 8 γ-Terpinene
- 9 cis-β-OCymene
- 10 p-Cymene
- 11 Terpinolene
- 12 Methyl octanoate
- 13 (-)-Camphor
- 14 Linalool
- 15 Linalyl acetate
- 16 Methyl decanoate
- 17 4-Terpineol
- 18 Linalyl isobutyrate
- 19 (-)-Menthol
- 20 Citronellol acetate
- 21 Terpineol acetate
- 22 (-)-Borneol
- 23 α-Terpineol
- 24 Nerol acetate
- 25 Geraniol acetate
- 26 Citronellyl
- 27 Nerol
- 28 β-Phenethyl
- 29 Estragole
- 30 Geraniol
- 31 Hydroxycitronellal
- 32 1-Undecanol
- 33 Cinnamal
- 34 Eugenol
- 35 Nerolin
- 36 Thymol
- 37 Carvacrol
- 38 DEP

Chromatogram provided by Nieves Sarrión de KONIK-TECH, S.A

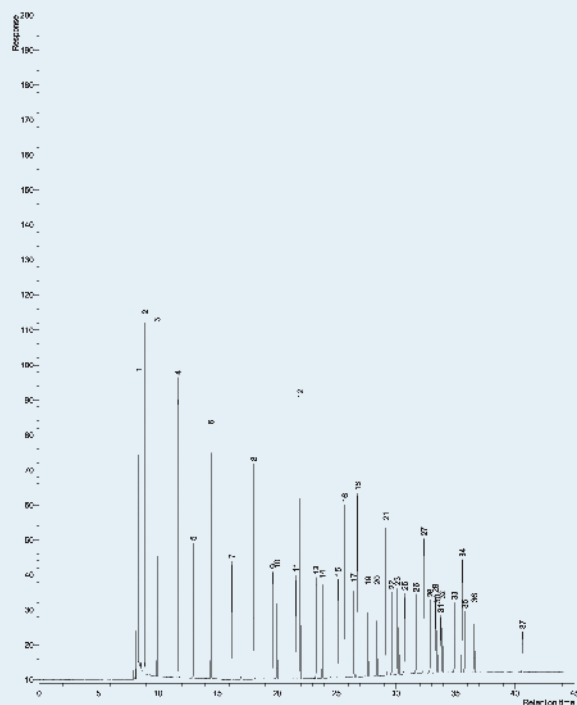
TKG 1228

SEPARATION OF METHYL ESTERS (FAMES)

Column: **TR-CN100**, P/N TR-882192
 Size: 100m x 0.25mm x 0.20µm
 Injection: 1µL Total FAMES en CH₂Cl₂ (30 mg/mL), split 1:100, 260°C
 Carrier gas: He 45 psi, 21 cm/s (140°C)
 Program temperature: 140°C(6min) @ 4°C/min to 240°C(10min)
 Detector: FID, 260°C

Peak Name

- | | |
|---------------------------------|--|
| 1 C4:0 (butyric) | 20 C18:2n6c (linoleic) |
| 2 C6:0 (caproic) | 21 C20:0 (arachidic) |
| 3 C8:0 (caprylic) | 22 C18:3n6 (γ-linolenic) |
| 4 C10:0 (capric) | 23 C20:1n9 (cis-11-eicosenoic) |
| 5 C11:0 (undecanoic) | 24 C18:3n3 (α-linolenic) |
| 6 C12:0 (lauric) | 25 C21:0 (heneicosanoic) |
| 7 C13:0 (tridecanoic) | 26 C20:2 (cis-11,14-eicosadienoic) |
| 8 C14:0 (myristic) | 27 C22:0 (behenic) |
| 9 C14:1 (myristoleic) | 28 C20:3n6 (cis-8,11,14-eicosatrienoic) |
| 10 C15:0 (pentadecanoic) | 29 C22:1n9 (erucic) |
| 11 C15:1 (cis-10-pentadecanoic) | 30 C20:3n3 (cis-11,14,17-eicosatrienoic) |
| 12 C16:0 (palmitic) | 31 C20:4n6 (arachidonic) |
| 13 C16:1 (palmitoleic) | 32 C23:0 (tricosanoic) |
| 14 C17:0 (heptadecanoic) | 33 C22:2 (cis-13,16-docosadienoic) |
| 15 C17:1 (cis-10-heptadecenoic) | 34 C24:0 (lignoceric) |
| 16 C18:0 (stearic) | 35 C20:5n3 (cis-5,8,11,14,17-eicosapentaenoic) |
| 17 C18:1n9t (elaidic) | 36 C24:1 (nervonic) |
| 18 C18:1n9c (oleic) | 37 C22:6n3 (cis-4,7,10,13,16,19-docosahexaenoic) |
| 19 C18:2n6t (linoleaidic) | |



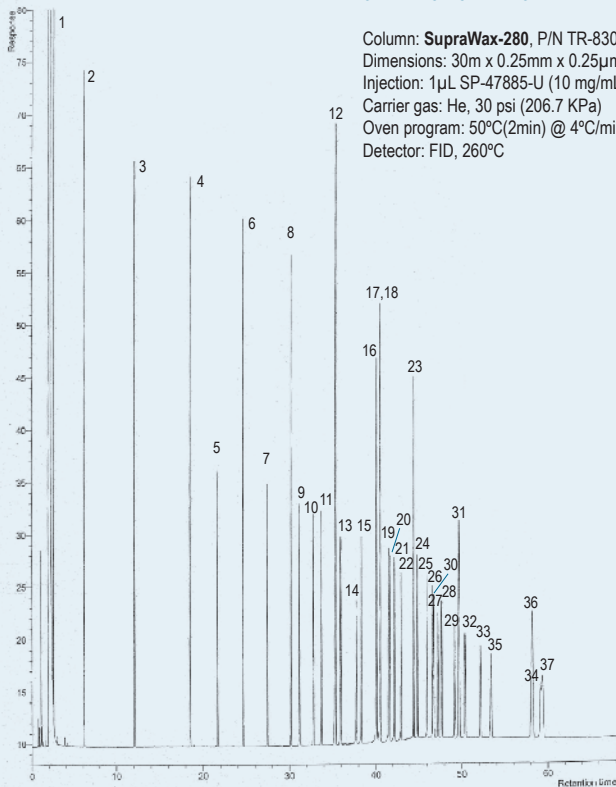
TKG 1229

Peak Name

- 1 C6:0
- 1- C4:0 (butyric)
- 2- C6:0 (caproic)
- 3- C8:0 (caprylic)
- 4- C10:0 (capric)
- 5- C11:0 (undecanoic)
- 6- C12:0 (lauric)
- 7- C13:0 (tridecanoic)
- 8- C14:0 (myristic)
- 9- C14:1 (myristoleic)
- 10- C15:0 (pentadecanoic)
- 11- C15:1 (cis-10-pentadecanoic)
- 12- C16:0 (palmitic)
- 13- C16:1 (palmitoleic)
- 14- C17:0 (heptadecanoic)
- 15- C17:1 (cis-10-heptadecanoic)
- 16- C18:0 (stearic)
- 17- C18:1n9c (oleic) + C18:1n9t (elaidic)
- 18- C18:2n6c (linoleic)
- 19- C18:2n6t (linolelaidic)
- 20- C18:3n6 (γ-linolenic)
- 21- C18:3n3 (α-linolenic)
- 22- C20:0 (arachidic)
- 23- C20:1n9 (cis-11-eicosenoic)
- 24- C20:2 (cis-11,14-eicosadienoic)
- 25- C20:3n6 (cis-8,11,14-eicosatrienoic)
- 26- C21:0 (heneicosanoic)
- 27- C20:3n3 (cis-11,14,17-eicosatrienoic)
- 28- C20:4n6 (arachidonic)
- 29- C20:5n3 (cis-5,8,11,14,17-eicosapentaenoic)
- 30- C22:0 (behenic)
- 31- C22:1n9 (erucic)
- 32- C22:2 (cis-13,16-docosadienoic)
- 33- C23:0 (tricosanoic)
- 34- C24:0 (lignoceric)
- 35- C22:6n3 (cis-4,7,10,13,16,19-docosahexaenoic)
- 36- C24:1n9 (nervonic)

SEPARATION OF FAMES

Column: **SupraWax-280**, P/N TR-830232
Dimensions: 30m x 0.25mm x 0.25µm
Injection: 1µL SP-47885-U (10 mg/mL), split 1:100, 260°C
Carrier gas: He, 30 psi (206.7 KPa)
Oven program: 50°C(2min) @ 4°C/min to 220°C(15min)
Detector: FID, 260°C



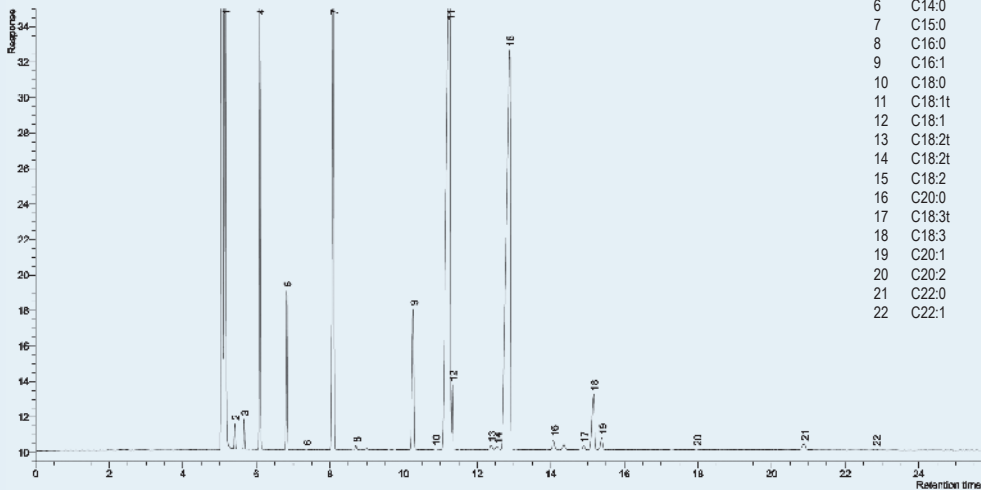
TKG 1237

SEPARATION OF METHYL ESTERS IN SOYA OIL

Column: **TR-CN100**, P/N TR-882162
Size: 60m x 0.25mm x 0.20µm
Injection: 1µL Total FAMES en CH2Cl2 (30 mg/mL), split 1:100, 280°C
Carrier gas: He 25 psi
Program temperature: 185°C
Detector: FID, 280°C

Peak Name

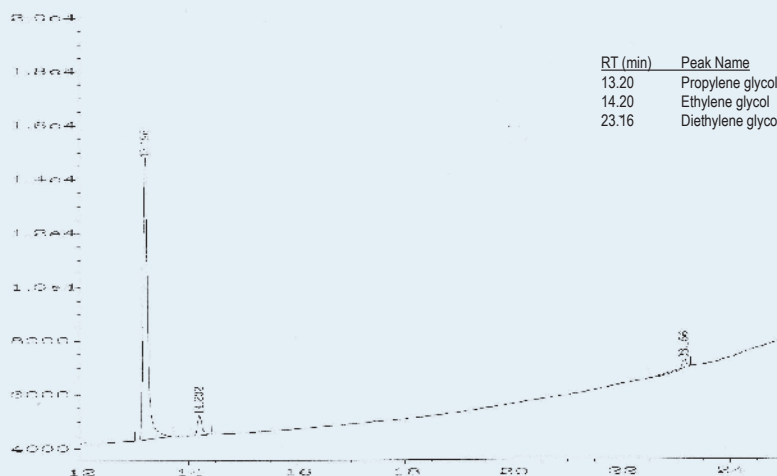
- 1 C6:0
- 2 C8:0
- 3 C10:0
- 4 C12:0
- 6 C14:0
- 7 C15:0
- 8 C16:0
- 9 C16:1
- 10 C18:0
- 11 C18:1t
- 12 C18:1
- 13 C18:2t
- 14 C18:2t
- 15 C18:2
- 16 C20:0
- 17 C18:3t
- 18 C18:3
- 19 C20:1
- 20 C20:2
- 21 C22:0
- 22 C22:1



TKG 1239

GLYCOLS IN WINE

Column: **SupraWAX-280**, P/N TR-831035
 Size: 30m x 0.53mm x 1.0µm
 Injection: 1 µL split 1:50, 220°C
 Carrier gas: He, 5.4 psi
 Program temperature: 100°C (3min) @ 4.5°C/min to 220°C (10min)
 Detector: FID, 260°C



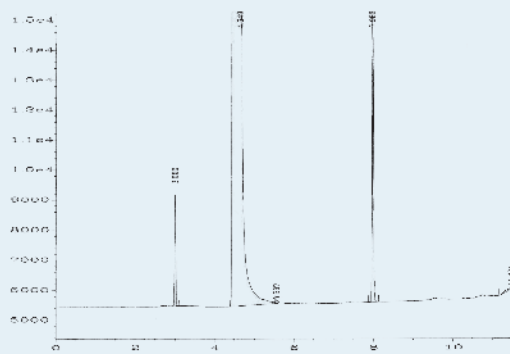
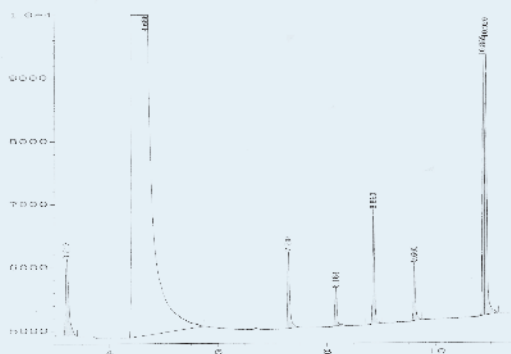
Chromatogram provided by R. Franquet and Joan Garcia from INCAVI (Vilafranca del Penedès, Barcelona)

TKG 1241

METHANOL AND HIGHER ALCOHOLS

Column: **TRB-624**, P/N TR-601432
 Size: 30m x 0.25mm x 1.4µm
 Injection: 1 µL split 1:50, 250°C
 Carrier gas: He, 1mL/min
 Program temperature: 40°C (5min) @ 20°C/min to 200°C (3min)
 Detector: FID, 260°C

RT (min)	Peak Name
3.21	Methanol
4.66	Ethanol
7.29	1-Propanol
8.16	2-Butanol
8.86	Isobutanol
9.60	1-Butanol
10.87	Isoamyl alcohol
10.92	Isoamyl alcohol

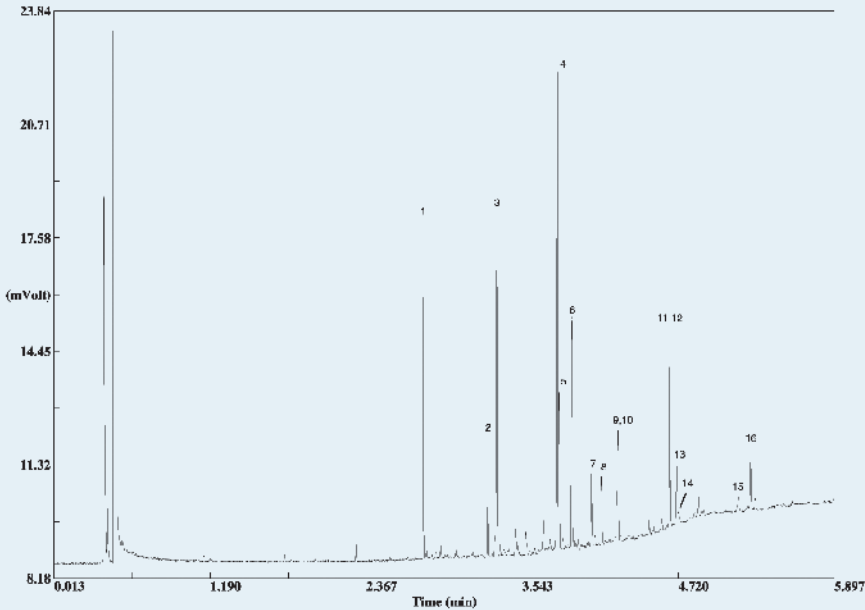


Chromatogram provided by Joan Garcia from INCAVI (Vilafranca del Penedès, Barcelona)

TKG 1242

PUFA I

Column: **SupraWax-280**, 15m x 0.10mm x 0.10µm (P/N: TR-830111)
Injection: 280°C, split 200:1, precission liner
Detector: FID, 280°C
Carrier Gas: H₂, 45 psi (310.05 KPa)
Oven: 100°C (0.5min) @ 50°C/min to 280°C (2min)
Sample: 0.2µL PUFA I - Marine Source diluted to 50mg/ml in methylene chloride

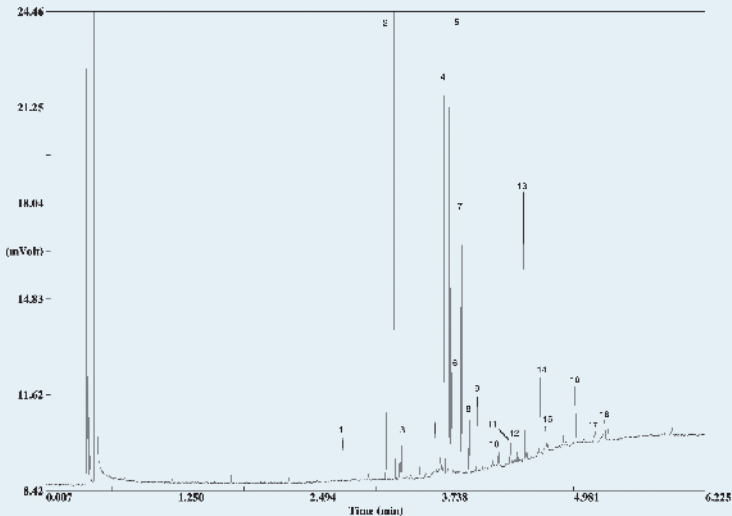


Peak Name	
1.	C14:0
2.	C16:0
3.	C16:1ω7
4.	C18:1ω9
5.	C18:1ω7
6.	C18:2ω6
7.	C18:3ω3
8.	C18:4ω3
9.	C20:1ω9
10.	C20:1ω11
11.	C20:4ω3
12.	C20:5ω3
13.	C22:1ω11
14.	C22:1ω9
15.	C22:5ω3
16.	C22:6ω3

TKG 1248

PUFA II

Column: **SupraWax-280**, 15m x 0.10mm x 0.10µm (P/N: TR-830111)
Injection: 280°C, split 200:1, precission liner
Detector: FID, 280°C
Carrier Gas: H₂, 45 psi (310.05 KPa)
Oven: 100°C (0.5min) @ 50°C/min to 280°C (2min)
Sample: 0.2µL PUFA II - Animal Source diluted to 50mg/ml in methylene chloride

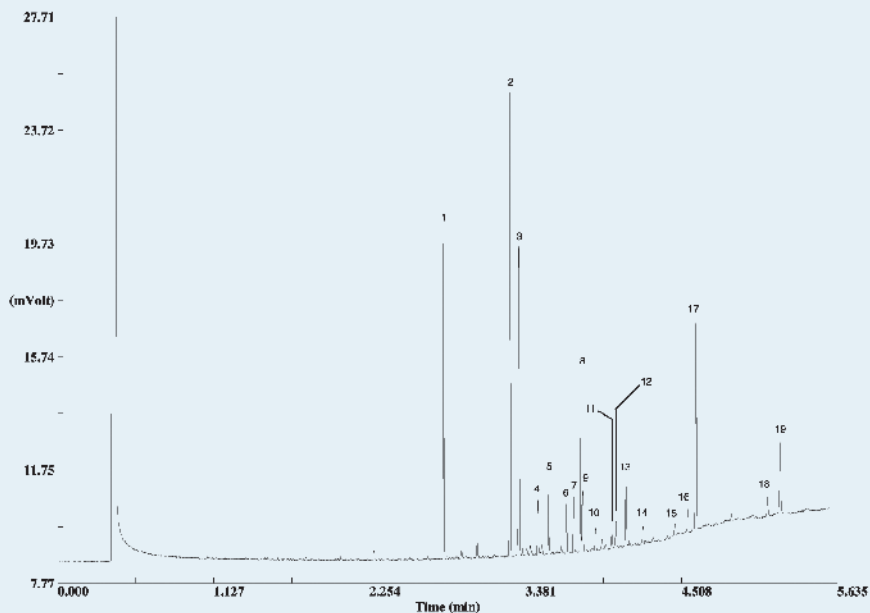


Peak Name	
1.	C14:0
2.	C16:0
3.	C16:1ω7
4.	C18:0
5.	C18:1ω9
6.	C18:1ω7
7.	C18:2ω6
8.	C18:3ω6
9.	C18:3ω3
10.	C20:1ω9
11.	C20:2ω6
12.	C20:3ω6
13.	C20:4ω6
14.	C20:5ω3
15.	C22:1ω9
16.	C22:4ω6
17.	C22:5ω3
18.	C24:1

TKG 1249

PUFA III

Column: **SupraWax-280**, 15m x 0.10mm x 0.10µm (P/N: TR-830111)
Injection: 280°C, split 200:1, precision liner
Detector: FID, 280°C
Carrier Gas: H₂, 45 psi
Oven: 100°C (0.5min) to 280°C @ 50°C/min (2min)
Sample: 0.1µL PUFA III – Partially Hydrogenate Menhaden Oil diluted to 100mg/ml in hexane



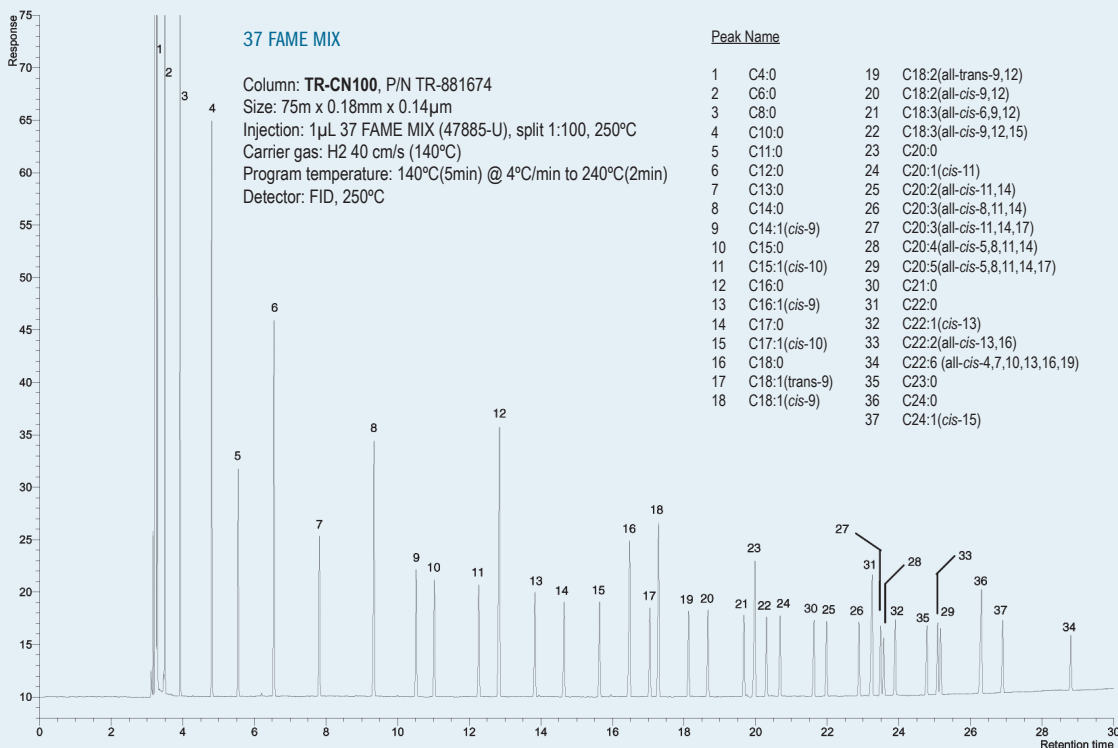
Peak Name

1. C14:0
2. C16:0
3. C16:1ω7
4. C16:2ω4
5. C16:3ω4
6. C16:4ω1
7. C18:0
8. C18:1ω9
9. C18:1ω7
10. C18:2ω6
11. C18:3ω4
12. C18:3ω3
13. C18:4ω3
14. C20:1ω9
15. C20:4ω6
16. C20:4ω3
17. C20:5ω3
18. C22:5ω3
19. C22:6ω3

TKG 1253

37 FAME MIX

Column: **TR-CN100**, P/N TR-881674
Size: 75m x 0.18mm x 0.14µm
Injection: 1µL 37 FAME MIX (47885-U), split 1:100, 250°C
Carrier gas: H₂ 40 cm/s (140°C)
Program temperature: 140°C(5min) @ 4°C/min to 240°C(2min)
Detector: FID, 250°C



Peak Name

- 1 C4:0
- 2 C6:0
- 3 C8:0
- 4 C10:0
- 5 C11:0
- 6 C12:0
- 7 C13:0
- 8 C14:0
- 9 C14:1(cis-9)
- 10 C15:0
- 11 C15:1(cis-10)
- 12 C16:0
- 13 C16:1(cis-9)
- 14 C17:0
- 15 C17:1(cis-10)
- 16 C18:0
- 17 C18:1(trans-9)
- 18 C18:1(cis-9)
- 19 C18:2(all-trans-9,12)
- 20 C18:2(all-cis-9,12)
- 21 C18:3(all-cis-6,9,12)
- 22 C18:3(all-cis-9,12,15)
- 23 C20:0
- 24 C20:1(cis-11)
- 25 C20:2(all-cis-11,14)
- 26 C20:3(all-cis-8,11,14)
- 27 C20:3(all-cis-11,14,17)
- 28 C20:4(all-cis-5,8,11,14)
- 29 C20:5(all-cis-5,8,11,14,17)
- 30 C21:0
- 31 C22:0
- 32 C22:1(cis-13)
- 33 C22:2(all-cis-13,16)
- 34 C22:6(all-cis-4,7,10,13,16,19)
- 35 C23:0
- 36 C24:0
- 37 C24:1(cis-15)

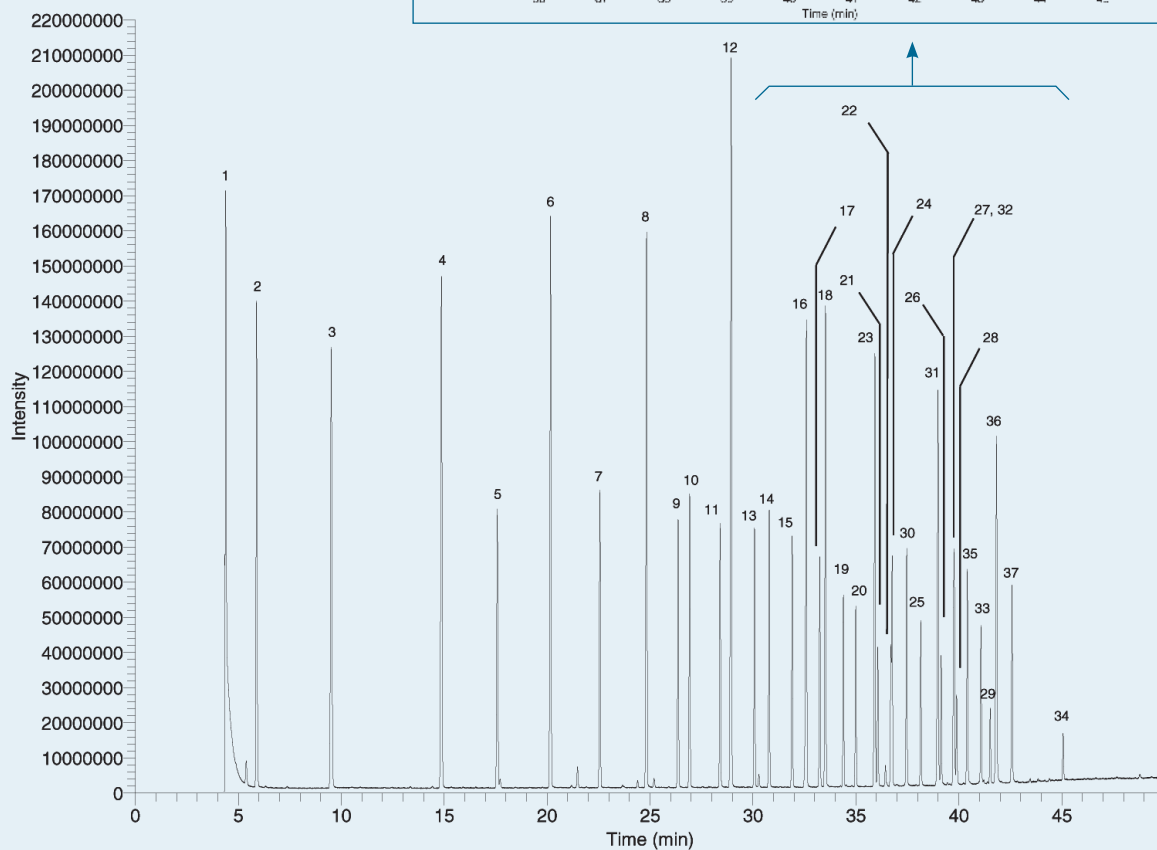
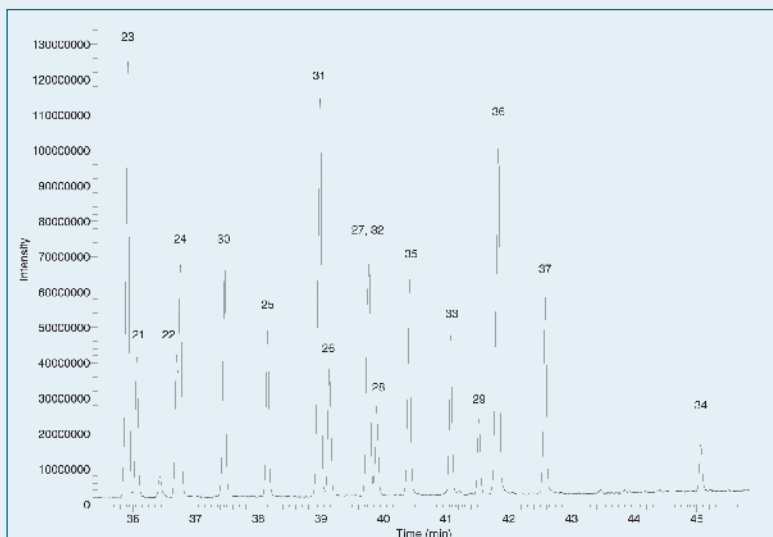
TKG 1250

37 FAME MIX- MS DETECTOR

Column: **TR-CN100**, 60m x 0.25mm x 0.20µm (P/N: TR-882162)
Injection: 280°C, split 50:1
Oven: 90°C (7min) to 240°C @ 4°C/min (3min)
Carrier gas: Helium, constant pressure @ 24psi
Detector: MS
Transfer line temp.: 230°C
Ionization mode: EI
Scan range: 40-450amu
Sample: 0.5µL Food Industry FAME Mix 30mg/ml in methylene chloride

Peak Name

1	C4:0	19	C18:2(all-trans-9,12)
2	C6:0	20	C18:2(all-cis-9,12)
3	C8:0	21	C18:3(all-cis-6,9,12)
4	C10:0	22	C18:3(all-cis-9,12,15)
5	C11:0	23	C20:0
6	C12:0	24	C20:1(cis-11)
7	C13:0	25	C20:2(all-cis-11,14)
8	C14:0	26	C20:3(all-cis-8,11,14)
9	C14:1(cis-9)	27	C20:3(all-cis-11,14,17)
10	C15:0	28	C20:4(all-cis-5,8,11,14)
11	C15:1(cis-10)	29	C20:5(all-cis-5,8,11,14,17)
12	C16:0	30	C21:0
13	C16:1(cis-9)	31	C22:0
14	C17:0	32	C22:1(cis-13)
15	C17:1(cis-10)	33	C22:2(all-cis-13,16)
16	C18:0	34	C22:6(all-cis-4,7,10,13,16,19)
17	C18:1(trans-9)	35	C23:0
18	C18:1(cis-9)	36	C24:0
		37	C24:1(cis-15)



TKG 1251

Compound	Pages	Compound	Pages
Acenaphthene	42,343,349,365	Bromochloromethane	319
Acenaphthylene	42,343,349,365	Bromodichloromethane	324,359,375
Acetal	63,320	Bromoform	324,359,375
Acetaldehyde	50,63,64,70,320,329,332,369,376,381	4-Bromophenyl phenyl ether	349
Acetaldehyde-DNPH	341	Bromopropylate	372,374
Acetic acid	336,353,370,376	BTX (Benzene Toluene Xylene)	338,341,353
Acetic anhydride	336	BTEX (Benzene Toluene Ethylbenzene Xylene)	339
Acetoin	370,381	Butanal	336,339,368,372
Acetone	38,46,47,50,70,316,317,318,319,320,321,325,326,327,328,329,331,332,335,343,353,363,364,367	<i>n</i> -Butane	28,331,336
Acetonitrile	38,47,49,325,335,363,364	Butanediol	326
Acrylamide	370	1,3-Butanediol	370,376
Acrylonitrile	338	2,3-Butanediol	51,56,68,75,376
Adamantane	323	D(-)-2,3-Butanediol	370
Alanine	333	Levo-2,3-Butanediol	376
Alcoholic beverages	381,382,383	Meso-2,3-Butanediol	370,376
Aldrin	31,339,340,341,342,350,360	Butanetriol	71
Allyl alcohol	64,320,376,381	<i>n</i> -Butanol	38,63,64,317,318,319,320,321,322,343,363,367,368,369,376,377,381,388
Allyl isothiocyanate	369	2-Butanol	63,64,320,321,367,369,376,377,381,388
Amantadine	323	sec-Butanol	335
Ametrin	43	tert-Butanol	27
Amyl alcohol (3-methyl-1-butanol)	320,369	2-Butanone (see MEK)	
tert-Amyl alcohol	367	Butyl acetate	46,47,317,318,319,321,322,325,326,334,338,363
Amylene	319,322,327	Butyl acrylate	317,322
Amylic alcohols	321	<i>n</i> -Butylamine	37,343,360
Aniline	318,349	<i>t</i> -Butylamine	37
Anisole	318	<i>n</i> -Butylbenzene	28,362
Anthracene	42,343,349,365	sec-Butylbenzene	28,362
Arabinitol	380	Butyl benzyl phthalate	349,361,364
Arachidic acid methyl ester (C20:0)	58,62,65,66,74,368,371,373,377,379,380,386,387,390,391	Butyl butyrate	319
Arachidonic acid methyl ester (C20:4n6)	58,65,66,74,368,373,377,386,387,390,391	<i>n</i> -Butyl ether	319
Aroclors	356,350,357	Butyl formate	322
Aroclor 1242	357,358	Butyl glycol	317,318,319
Aroclor 1270	356,357,358	Butyl glycol acetate	318
Aroclor 1260	356,357,358	<i>N</i> -Butyl-2-(1-hydroxyhexyl)pyrrole	372
Atraton	43	2-Butyl mercaptan	26
Atrazine	43	tert-Butyl mercaptan	26
55-Avenasterol	372,375,379,384	tert-Butylmethyl ether	61
57-Avenasterol	375,384	2-Butyloctanal	372
Azobenzene	349	<i>N</i> -Butyl-2-pentylpyrrole	372
Azoxystrobin	374	1-Butylpyrrole	372
BDE-28 (2,4,4'-Tribromodiphenyl ether)	44	Butyric acid	353,368
BDE-47 (2,2',4,4'-Tetrabromodiphenyl ether)	44	Butyric acid methyl ester (C4:0)	58,65,66,74,373,386,387,390,391
BDE-66 (2,3',4,4'-Tetrabromodiphenyl ether)	44	<i>y</i> -Butyrolactone	377
BDE-100 (2,2',4,4',6-Pentabromodiphenyl ether)	44	C10 (decane)	22,24,28,30,45,51,52,53,55,56,68,75,322,325,333,336,362
BDE-99 (2,2',4,4',5-Pentabromodiphenyl ether)	44	C10:0 (capric acid methyl ester)	51,56,58,65,66,68,74,75,373,386,387,390,391
BDE-85 (2,2',4,4',6-Pentabromodiphenyl ether)	44	C10-Ethyl	63,369
BDE-154 (2,2',4,4',5,6'-Hexabromodiphenyl ether)	44	C11 (undecane)	22,45,51,52,53,55,56,68,69,75,336,362
BDE-153 (2,2',4,4',5,5'-Hexabromodiphenyl ether)	44	C11:0 (undecanoic acid methyl ester)	51,56,58,65,66,68,74,75,373,377,386,387,390,391
BDE-183 (2,2',3,4,4',5',6'-Heptabromodiphenyl ether)	44	C12 (dodecane)	22,24,30,45,52,53,55,56,69,333,336,362
BDE-209 (2,2',3,3',4,5,5',6,6'-Nonabromodiphenyl ether)	44	C12:0 (lauric acid methyl ester)	51,56,58,65,66,68,74,75,373,377,386,387,390,391
BDMA (N,N-Dimethylbenzylamine)	332	C13 (tridecane)	22,45,52,53,55,68,69,362
Behenic acid methyl ester (C22:0)	58,62,65,66,74,373,377,380,386,387,390,391	C13:0 (tridecanoic acid methyl ester)	58,65,66,74,373,377,386,387,390,391
Benzaldehyde	63,369,377	C14 (tetradecane)	24,25,30,35,40,45,52,53,55,68,318,322
Benzene	27,28,38,46,47,48,69,320,324,325,326,328,330,331,334,336,338,339,341,343,353,362,363	C14:0 (myristic acid methyl ester)	58,62,65,66,74,368,371,373,377,380,386,387,390,391
Benzidine	349	C14:1 (myristoleic acid methyl ester)	58,65,66,74,373,377,386,387,390,391
Benzo(a)anthracene	42,343,349,365	C15 (pentadecane)	36,59,60,61
Benzo(b)fluoranthene	25,35,40,42,337,343,349,365	C15:0 (pentadecanoic acid methyl ester)	58,65,66,74,373,377,386,387,390,391
Benzo(k)fluoranthene	25,35,40,42,343,349,365	C15:1 (cis-10-pentadecanoic acid methyl ester)	58,65,66,74,373,377,386,387,390,391
Benzoic acid	25,35,40,349	C16 (hexadecane)	24,30,36,59,60,61,322
Benzoilecgonine	323	C16:0 (palmitic acid methyl ester)	58,62,65,66,74,368,371,373,377,379,386,387,390,391
Benzo(g,h,i)perylene	35,40,42,337,343,349,365	C16:1 (palmitoleic acid methyl ester)	58,65,66,74,373,377,379,380,386,387,390,391
Benzo(a)pyrene	42,343,349,365	C17 (heptadecane)	36,59,60,61
Benzo(e)pyrene	337	C17:0 (heptadecanoic acid methyl ester)	58,65,66,74,373,377,386,387,390,391
Benzyl alcohol	349,385	C17:1 (cis-10-heptadecanoic acid methyl ester)	58,65,66,74,373,377,386,387,390,391
Benzylamine	36,61	C18 (octadecane)	24,30,36,59,60,61
Benzyl benzoate	385	C18:0 (stearic acid methyl ester)	58,62,65,66,74,368,371,373,377,379,380,386,387,390,391
Bergamol	371	C18:1 (oleic acid methyl ester)	368,371,379
α-BHC	31,340,341,342,360,366	C18:1n7	62
β-BHC	31,340,341,342,360,366	C18:1n6c (petroselinic acid methyl ester)	58,65,66,373,377,386,387,390,391
δ-BHC	31,340,341,342,360,366	C18:1n6t (petroselaic acid methyl ester)	66
γ-BHC	31,340,341,342,360,366	C18:1n9 (oleic acid methyl ester)	62
Bis(2-chloroethoxy)methane	349	C18:1n9c (oleic acid methyl ester)	58,65,66,74,373,377,379,386,387,390,391
Bis(2-chloroethyl)ether	349	C18:1n9t (elaidic acid methyl ester)	58,65,66,74,373,377,379,386,387,390,391
Bis(2-chloroisopropyl) ether	349	C18:1n11c (vaccenic acid methyl ester)	66
Bis(2-butoxyethyl) phthalate	361	C18:1n11t (transvaccenic acid methyl ester)	66
Bis(2-ethoxyethyl) phthalate	361	C18:2 (linoleic acid methyl ester)	368,371,379,380
Bis(2-ethylhexyl) adipate	349	C18:2n6 (linoleic acid methyl ester)	62
Bis(2-ethylhexyl) phthalate	349,361,364	C18:2n6c (linoleic acid methyl ester)	58,65,66,74,373,377,386,387,390,391
Bis(2-methoxyethyl) phthalate	361	C18:2n6t (linolealaidic acid methyl ester)	58,65,66,74,373,377,386,387,390,391
Bis(4-methyl-2-pentyl) phthalate isomers	361	C18:2n9,12c (linoleic acid methyl ester)	66
(-)-Borneol	386	C18:3 (linolenic acid methyl ester)	368,371
Brassicasterol	33,380	C18:3n3 (α-linolenic acid methyl ester)	58,65,66,74,373,377,386,387,390,391
		C18:3n6 (γ-linolenic acid methyl ester)	58,65,66,74,373,377,386,387,390,391
		C18:4n3	62

Compound	Pages
C20 (eicosane)	24,25,30,35,36,40,59,60,61
C20:0 (arachidic acid methyl ester)	58,62,65,66,74,368,371,373,377,379,380,386,387,390,391
C20:1 (<i>cis</i> -11-Eicosenoic acid methyl ester)	74,368,371
C20:1n9 (<i>cis</i> -11-eicosenoic acid methyl ester)	58,65,66,373,377,386,387,390,391
C20:2 (<i>cis</i> -11,14-eicosadienoic acid methyl ester)	58,65,66,74,373,377,386,387,390,391
C20:3n3 (<i>cis</i> -11,14,17-eicosatrienoic acid methyl ester)	58,65,66,74,373,377,386,387,390,391
C20:3n6 (<i>cis</i> -8,11,14-eicosatrienoic acid methyl ester)	58,65,66,74,373,377,386,387,390,391
C20:4n6 (arachidonic acid methyl ester)	58,65,66,74,368,373,377,386,387,390,391
C20:5n3 (<i>cis</i> -5,8,11,14,17-eicosapentaenoic)	58,62,65,66,74,373,386,387,390,391
C21 (heneicosane)	25,35,40
C21:0 (henicosanoic acid methyl ester)	58,65,66,74,373,386,387,390,391
C22 (docosane)	24,25,30,35,40
C22:0 (behenic acid methyl ester)	58,62,65,66,74,373,377,380,386,387,390,391
C22:1n9 (erucic acid methyl ester)	58,65,66,74,368,371,373,377,380,386,387,390,391
C22:2 (<i>cis</i> -13,16-docosadienoic acid methyl ester)	58,65,66,74,373,377,386,387,390,391
C22:5n3	62
C22:6n3 (<i>cis</i> -4,7,10,13,16,19-docosahexaenoic)	58,62,65,66,74,373,377,386,387,390,391
C23:0 (tricosanoic acid methyl ester)	58,62,65,66,74,373,377,386,387,390,391
C24 (tetracosane)	24,30,333
C24:0 (lignoceric acid methyl ester)	58,62,65,66,74,368,371,373,377,380,386,387,390,391
C24:1n9 (nervonic acid methyl ester)	58,62,65,66,74,373,377,386,387,390,391
C26 (hexacosane)	24,30
C28 (octacosane)	24,30,333
C30 (triacontane)	24,30,333
C32 (dotriacontane)	24,30,370
C34 (tetraatriacontane)	24,30
C36 (hexatriacontane)	24,30,370
C38 (octatriacontane)	24,30,370
C40 (tetracontane)	24,30,322,333,370
C4:0 (butyric acid methyl ester)	58,65,66,74,373,386,387,390,391
C42 (dotetracontane)	370
C44 (tetraetracontane)	24,30,322,370
C46 (hexateetracontane)	370
C5 (pentane)	27,28,322,330,331,336,343
C50 (pentacontane)	322
C6 (hexane)	27,28,30,38,47,330,331,335,336
C60 (hexacontane)	322
C6:0 (caproic acid methyl ester)	58,65,66,74,373,386,387,390,391
C6-Ethyl	63,369
C7 (heptane)	27,28,38,47,321,330,331,335,336,362,363
C70 (heptacontane)	322
C8 (octane)	24,27,28,30,336,362
C8:0 (caprylic acid methyl ester)	58,65,66,74,373,386,387,390,391
C8-Ethyl	63,369
C80	322
C9 (nonane)	27,28,336,362
C9-Ethyl	63,369
Caffeine	67
Campestenol	379
Campesterol	33,372,375,379,380,384
δ7-Campesterol	372,375,379,384
Camphene	384,385,386
(-)-Camphor	386
Capric acid methyl ester (C10:0)	51,56,58,65,66,68,74,75,373,386,387,390,391
Caproic acid	353
Caproic acid methyl ester (C6:0)	58,65,66,74,373,386,387,390,391
Caprylic acid methyl ester (C8:0)	58,65,66,74,373,386,387,390,391
Captafol	372,374
Captan	354,372,374
Carbazole	25,35,40,349
Carbon tetrachloride	38,47,319,322,324,327,328,359
3-Carene	386
Carvacrol	386
s-Carvone	385
trans-Caryophyllene	63
Cholesterol	372,375,379,384
α-Chlordane	31,340,341,342,360,366
γ-Chlordane	31,340,341,342,360,366
4-Chloroaniline	349
Chlorobenzene	47,324,359
2-Chlorobiphenyl (PCB 1)	44
2-Chloroethyl vinyl ether	324
Chloroform	38,47,48,319,322,324,325,327,353,359,363,375
Chloromethane	322
2-Chloromethyl-3,4-dimethoxypyridine hydrochloride	365
4-Chloro-3-methylphenol	349,354,364,376
2-Chloronaphthalene	349
Chlorophenol	354,364,376
2-Chlorophenol	349
4-Chlorophenyl phenyl ether	349
Chloropirine	369
Chlorpyrifos	351,372,374
Chlozolinate	372,374
Cholesterol	33,372,375

Compound	Pages
Chrysene	42,343,349,365
Cinnamal	386
Cinnamyl alcohol	385
β-Citronellal	385
α-Citronellol	385
β-Citronellol	385
Citronellol acetate	386
Citronellyl	386
Cocaine	323
2,4,6-Collidine	359
Coumarine	385
m-Cresol	67
o-Cresol	67
p-Cresol	67
Crysene	337
Cumaphos	378
Cumene	69,362
Cyalotrin	374
Cyclogermacrene	57
Cycloheptylamine	208
Cyclohexane	27,38,46,47,320,330,334,335,336,362
Cyclohexanol	330
Cyclohexanone	330
Cyclohexylamine	318
Cyclopentane	28
p-Cymene	386
Cystine	333
4,4'-DDD	31,339,340,341,342,350,360,366
4,4'-DDE	31,339,340,341,342,350,360,366
2,4-DDT	339
4,4'-DDT	31,339,340,341,342,350,360,366
Decachlorobiphenyl	31,44,340,341
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (PCB209)	358,366
2,4-Decadienal	372
n-Decane	22,24,28,30,45,51,52,53,55,56,68,75,322,325,333,336,362
Decanoic acid	368
n-Decylamine	36,61,360
DEHP	350
DEP	386
DHA	367
Diamyl phthalate	361
Diazinon	378
Dibenzo(a,h)anthracene	42,343,349,365
Dibenzofuran	349
Dibromochloromethane	324,359,375
Di-n-butyl phthalate	316,349,361,364
Dicetone alcohol	317,318,319,335
1,2-Dichlorobenzene	324,349,359
1,3-Dichlorobenzene	324,349,359
1,4-Dichlorobenzene	324,349,359
3,3'-Dichlorobenzidine	349
2,3-Dichlorobiphenyl (PCB 5)	44
1,1-Dichloroethane	319,324,359
1,2-Dichloroethane	38,47,324,359
1,2-Dichloroethene	47
cis-1,2-Dichloroethene	47
1,1-Dichloroethylene	319,324,359,363
cis-1,2-Dichloroethylene	319
trans-1,2-Dichloroethylene	324,359
2-Dichloroethylvinylether	359
Dichloroisothiocyanate	369
Dichloromethane (see methylene chloride)	
2,4-Dichlorophenol	35,349,354,364,376
1,2-Dichloropropane	324,359
cis-1,3-Dichloropropene	324,359
trans-1,3-Dichloropropene	324,359
Diclofluamide	372,374
Dicyclohexylamine	56,318
Dicyclohexyl phthalate	361
Dieldrin	31,339,340,341,342,350,360,366
Diethanolamine	323
1,1-Diethoxybutane	336
Diethylamine	37,49,343
Diethylbenzene (isomer)	362
1,3-Diethylbenzene	28
Di-(2-ethylhexyl) phthalate (DEHP)	350
Diethyl phthalate	349,361,364,371
Diethyl succinate	368
Diethyl ether	38,46
Diethylene glycol	338,388
Di-n-hexyl phthalate	361
Diisobutylketone	46
Diisobutyl phthalate	361
1,2-Dimethoxyethane	47

Compound	Pages	Compound	Pages
Dimethylacetamide	47,327	Ethyl caprylate	377
Dimethylamine	37	Ethyl carbamate	367
N,N,N-tris(3-Dimethylaminopropyl)amine (TMAPA)	332	Ethyl cocaine	323
2,4-Dimethylaniline	36,61	Ethylene glycol	318,327,338,370,376,388
2,6-Dimethylaniline	22,36,45,51,52,53,55,56,59,60,61,68,75	Ethylglycol	317
3,3'-Dimethylbenzidine	349	4-Ethyl guaiacol	368,377
N,N-Dimethylbenzylamine	332	Ethyl heptanoate	385
2,2-Dimethylbutane	28	2-Ethyl hexanal	319
2,3-Dimethylbutane	28,331	Ethyl hexanoate	368
N,N-Dimethylethanolamine	332	2-Ethyl hexanoic acid	56
1,2-Dimethyl-4-ethylbenzene	28	Ethyl isovalerate	377
1,3-Dimethyl-4-ethylbenzene	28	Ethyl lactate	63,368,369,376,377,381
1,4-Dimethyl-2-ethylbenzene	28	Ethyl mercaptan	26
Dimethylformamide	38,47,327,335,363	Ethyl palmitate	368
2,3-Dimethylhexane	28	Ethyl parathion	378
2,4-Dimethylhexane	28	m-Ethylphenol	67
2,5-Dimethylhexane	28	p-Ethylphenol	63,67,369,377
Dimethylnaphthalenes	28	o-Ethylphenol	67
2,3-Dimethylpentane	28	Ethyl pyrimiphos	378
2,4-Dimethylpentane	28,331	Ethyl pivalate	316
2,4-Dimethylphenol	349,354,364,376	m-Ethyltoluene	362
2,6-Dimethylphenol	45,51,52,53,55,56,59,60,68,75	p-Ethyltoluene	362
Dimethyl phthalate	349,361,364	Etrinfos	378
Dimethylsulfoxide	335	Eucalyptol	384,386
1,3-Dinitrobenzene	349	Eugenol	377,385,386
1,4-Dinitrobenzene	349	FAME's	58,62,65,66,74,368,371,373,377,379,380,386,387,390,391
Dinitrobenzene	341	Farnesol	57,385
4,6-Dinitro-2-methylphenol	349	trans,trans-Farnesol	57
2,4-Dinitrophenol	25,35,40,349,350,354,364,376	trans,trans-Farnesyl acetate	57
2,4-Dinitrophenylhydrazine (DNPH)	341	Fenchlorphos	378
2,4-Dinitrotoluene	349	Fenitrothion	378
2,6-Dinitrotoluene	349	Fenvalerate	374
Di-n-nonyl phthalate	361	Fluoranthene	42,343,349,365
Di-n-octyl phthalate	349,361,364	Fluorene	42,343,349,365
Diolein	71	2-Fluorobiphenyl	349
Dioxane	325,343	2-Fluorophenol	349
1,4-Dioxane	38,47,48,324,335,349,362	2-Fluorotoluene	338
Dioxathion	378	Folpet	354,372,374
Dioxines	344,345,346,347	Fonofos	378
Diphenylamine	349	Formaldehyde-DNPH	341
DMEA (N,N-Dimethylethanolamine)	332	Fosalon	378
cis-13,16-Docosadienoic acid methyl ester (C22:2)	58,65,66,74,373,377,386,387,390,391	Fucitol	380
cis-4,7,10,13,16,19-Docosahexaenoic acid methyl ester (C22:6n3)	58,62,65,66,74,373,377,386,387,390,391	Furanes	344,345,346,347
Docosane	24,25,30,35,40	Furfural	368
n-Dodecane	22,24,30,45,52,53,55,59,333,336,362	Gardona	378
Dotetracontane	370	Geranial	385
n-Dotricontane	24,30,333	Geraniol	368,385
Ecgonina ethylester	323	cis-Geraniol	57
Ecgonina methylester	323	trans-Geraniol	57,385
cis-11,14-Eicosadienoic acid methyl ester (C20:2)	58,65,66,74,373,377,386	Geraniol acetate	386
n-Eicosane	24,25,30,35,36,40,59,60,61	Geranyl acetate	57
cis-5,8,11,14,17-Eicosapentaenoic acid methylester (C20:5n3)	58,62,65,66,74,373,377,386,387,390,391	α-Glucose	316
cis-8,11,14-Eicosatrienoic acid methyl ester (C20:3n6)	58,65,66,74,373,377,386,387,390,391	β-Glucose	316
cis-11,14,17-Eicosatrienoic acid methyl ester (C20:3n3)	58,65,66,74,373,377,386,387,390,391	Glycerine	71,326,341,376
cis-11-Eicosenoic acid methyl ester (C20:1)	74,368,371	Glycerol	316,370,376
cis-11-Eicosenoic acid methyl ester (C20:1n9)	58,65,66,373,377,386,387,390,391	Glycine	333
Elaidic acid methyl ester (C18:1n9t)	74,373,377,379	HCb	339
Enantic acid	368	α-HCH	339
Endosulfan I	31,340,341,342,350,360,366	γ-HCH	339
Endosulfan II	31,340,341,342,350,360,366	Heneicosane	25,40
Endosulfan sulfate	31,340,341,342,350,360,366	Henicosanoic acid methyl ester (C21:0)	58,65,66,74,373,386,387,390,391
Endrin	31,339,340,341,342,350,360,366	2,2',3,4,4',5',6-Heptabromodiphenyl ether (BDE-183)	44
Endrin aldehyde	31,340,341,342,350,360,366	Heptachlor	31,339,340,341,342,350,360,366
Endrin ketone	31,340,341,342,360,366	Heptachlor epoxide	31,339,340,341,342,350,360,366
Eritriodiol	371,379,384	2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB 187)	44
Erucic acid methyl ester (C22:1)	58,65,66,368,371,380,386,387,390,391	2,2',3,4,4',5',6-Heptachlorobiphenyl (PCB 183)	44
Erucic acid methyl ester (C22:1n9)	58,65,66,74,373,377,386,387,390,391	2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	44,358
Ethanal	339	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB 180)	44,337,344,358
Ethanol	27,38,47,50,63,64,70,316,317,318,319,320,321,325,327,328,329,332,335,336,343,353,363,364,367,369,371,376,381,388	Heptacontane	322
Ethanolamine	323	n-Heptadecane	36,59,60,61
Ethion	378	Heptadecanoic acid methyl ester (C17:0)	58,65,66,74,373,377,386,387,390,391
2-Ethoxyethanol	335	cis-10-Heptadecenoic acid methyl ester (C17:1)	58,65,66,74,373,377,386,387,390,391
3-Ethoxy-1-propanol	368,377	Heptane (isomers)	321,331
Ethyl acetate	38,46,47,63,64,317,318,319,320,321,325,331,334,335,338,343,353,363,367,369,376,381	n-Heptane	27,28,38,47,321,330,331,335,336,362,363
Ethyl amine	37,343,360	Heptanoic acid	353
Ethyl benzene	28,46,47,69,322,324,325,326,328,330,331,335,338,339,341,343,362	4-Heptanol	319
Ethyl bromophos	378	2,2',4,4',5,5'-Hexabromodiphenyl ether (BDE-154)	44
Ethyl butyrate	63,320,321,368,369	2,2',4,4',5,5'-Hexabromodiphenyl ether (BDE-153)	44
Ethyl caprate	377	Hexachlorobenzene	349,350
Ethyl caproate	377	γ-Hexachlorobenzene	350
		2,2',3,4,4',5'-Hexachlorobiphenyl (PCB 138)	44,337,344,358
		2,2',3,4,5,5'-Hexachlorobiphenyl (PCB 141)	44
		2,2',3,4',5',6-Hexachlorobiphenyl (PCB 165)	358
		2,2',3,5,5',6-Hexachlorobiphenyl (PCB 151)	44

Compound	Pages
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB 153)	44,344,337,358
2,2',4,4',6,6'-Hexachlorobiphenyl (PCB 155)	339
Hexachloro-1,3-butadiene	349
α -Hexachlorocyclohexane	350
β -Hexachlorocyclohexane	350
γ -Hexachlorocyclohexane	350
Hexachlorocyclopentadiene	349
Hexachloroethane	349
Hexacotane	322
Hexacosane	24,30
n-Hexadecane	24,30,36,59,60,61,322
Hexanal	372
n-Hexane	27,28,30,38,47,330,331,335,336
1,2-Hexanediol	25,35,40
Hexanoic acid	368
Hexanol	63,368,369,377
2-Hexanone	47
Hexatetracontane	370
n-Hexatriacontane	24,30,370
cis-3-Hexenol	368,377
Hexocanazol	374
n-Hexyl acetate	368,377
Hexyl cinnamal	385
Hexyl-2-ethylhexyl phthalate	361
Histidine	333
Hydrogen sulfide	26
Hydroxycitronellal	385,386
Hydroxyproline	333
Indane	28
Indeno(1,2,3-cd)pyrene	42,343,349,365
Inositol	316
Iprodione	372,374
Irganox 1010	33
Isoamyl acetate	368
Isoamyl alcohol (2-methyl-1-butanol)	320,367,368,369
Isoamyl alcohols	376,381,388
Isobutane	331,336
Isobutanol	63,64,317,318,319,320,321,326,335,367,368,369,376,381,388
Isobutylacetate	46,317,318,319,334
Isobutylamine	37,343,360
Isobutylbenzene	28
Isobutylether	319
Isobutyl ketone	334
Isobutyric acid	353,368
Isocaproic acid	353
Isodrin	339
Isoeugenol	385
Isofenphos	378
Isoleucine	333
Isooctane	69
Isopentane	28,331,336
Isophorone	349
Isopropanol	38,47,50,70,316,318,319,320,321,325,326,327,328,329,331,332,335,363,367
Isopropyl acetate	46,47,321,325,335,363
Isopropylamine	37,343,360
Isopropylbenzene	28
Isovaleric acid	353
Lauric acid methyl ester (C12:0)	51,56,58,65,66,68,74,75,373,377,386,387,390,391
Lavander flavor	378
Lemon oil	72
Leucine	333
Lignoceric acid methyl ester (C24:0)	58,62,65,66,74,368,371,373,377,380,386,387,390,391
Limonene	57,385,386
Linalool	57,385,386
cis-Linalool oxide	57
trans-Linalool oxide	57
Linalyl acetate	57,385,386
Linalyl isobutyrate	386
Linoleic acid methyl ester (C18:2)	368,371,379,380
Linoleic acid methyl ester (C18:2n6c)	58,65,66,74,373,377,386,387,390,391
Linolelaidic acid methyl ester (C18:2n6t)	58,65,66,74,373,377,386,387,390,391
Linolenic acid methyl ester (C18:3)	368,371
α -Linolenic acid methyl ester (C18:3n3)	58,65,66,74,373,377,386,387,390,391
γ -Linolenic acid methyl ester (C18:3n6)	58,65,66,74,373,377,386,387,390,391
2,6-Lutidine	359
3,4-Lutidine	359
3,5-Lutidine	359
Lysine	333
Malathion	374,378
Maslinic acid	371
Meditathion	378
MEK	38,46,47,317,318,319,321,325,328,329,332,335,338,363
(-)-Menthhol	386
Mesityl oxide	335

Compound	Pages
Metacriphos	378
Methacrylamide	370
Methanol	37,38,47,50,63,64,70,316,317,318,319,320,321,324,325 326,327,328,329,331,332,335,353,363,364,367,369,370,376,388
Methionine	333
Methoxychlor	31,340,341,342,350,360
1-Methoxy-2-propanol	332
Methoxypropanol	47,317,318,319,321,325
Methoxypropyl acetate	47,317,318,321,325
Methyl acetate	46,63,317,318,319,369
Methyl acrylate	317
Methylamine	37,49,343
Methylanthranilate	57
Methyl bromophos	378
2-Methyl-1-butanol	63,64,369
3-Methyl-1-butanol	63,64,369
2-Methyl-2-butene	27
Methyl-tert-butyl ether (MTBE)	36,335
Methyl chloride	319
Methyl chloroacetate	326
Methyl chloroform	327
Methylchlorpiriphos	351,374
Methylcyclohexane	47,330
2-Methylcyclohexanone	330
3-Methylcyclohexanone	330
4-Methylcyclohexanone	330
Methylcyclopentane	330
Methyl decanoate	386
2-Methyl-4,6-dinitrophenol	354,364,376
Compound	Pages
Methyl dodecanoate	334
24-Methylenecholesterol	372,375
Methylene chloride	22,25,35,38,40,45,47,48,51,52,53,56,59,60,67,68 75,316,318,319,322,323,324,325,327,335,338,359,363,364,365
Methyl eicosanoate	334
1-Methyl-2-ethylbenzene	28
1-Methyl-3-ethylbenzene	28,331
1-Methyl-4-ethylbenzene	28
Methylethylketone (MEK)	38,46,47,317,318,319,321,325,328,329,332,335,338,363
Methylethyl sulfide	26
Methyl formate	335
Methyl furfural	368
Methyl heptadecanoate	334
2-Methyl-1-heptene	28
Methyl hexadecanoate	334
Methyl cis-9-hexadecenoate	334
2-Methylhexane	28,331
3-Methylhexane	28,331
Methyl-2-hydroxydecanoate	335
Methyl-2-hydroxydodecanoate	335
Methyl-3-hydroxydodecanoate	335
Methyl 2-hydroxyheptadecanoate	334
Methyl-2-hydroxytetradecanoate	335
Methyl-3-hydroxytetradecanoate	335
Methylisobutylketone (MIBK)	47,317,318,319,321,325,326,328,329,332,334,335,338,363
Methylisothiocyanate	369
Methyl mercaptan	26
Methyl cis-9,10-methylenehexadecanoate	334
Methyl 15-methylhexadecanoate	334
Methyl cis-9,10-methyleneoctadecenoate	334
Methyl-12-methyltetradecanoate	334
Methyl-13-methyltetradecanoate	334
Methyl-14-methyltetradecanoate	334
1-Methylnaphthalene	28,331,349
2-Methylnaphthalene	28,331,349
Methyl nonadecenoate	334
Methyl cis-9,12-octadecadienoate	334
Methyl cis-9-octadecenoate	334
Methyl trans-9-octadecenoate	334
Methyl octadecenoate	334
cis- β -Methyl- γ -octalactone	377
trans- β -Methyl- γ -octalactone	377
Methyl octanoate	386
Methylparathion	372,374,378
Methyl pentadecanoate	334
2-Methylpentane	28,331
3-Methylpentane	28,331
4-Methyl-2-pentanol	63,320,369
2-Methylphenol	349
3-Methylphenol	349
4-Methylphenol	349
Methylpivalate	316
2-Methyl-2-propanol	335
α -Methylstyrene	362

Compound	Pages
Methyl tetradecanoate	334
Methyl tridecanoate	334
Methyl undecanoate	334
MIBK	47,317,318,319,321,325,326,328,329,332,334,335,338,363
Monochloroisothiocyanate	369
Monolein	71
Monomethyl acetamide	327
β -Myrcene	57,385,386
Myristic acid methyl ester (C14:0)	58,62,65,66,74,368,371,373,377,380,386,387,390,391
Myristoleic acid methyl ester (C14:1)	58,65,66,74,373,377,386,387,390,391
Naphthalene	28,42,331,343,349,365
Neral	385
Nerol acetate	386
Nerolidol	57
Nerolin	386
Nervonic acid methyl ester (C24:1n9)	58,62,65,66,74,373,377,386,387,390,391
Neryl acetate	57
2-Nitroaniline	349
3-Nitroaniline	349
4-Nitroaniline	25,35,40,349,365
Nitrobenzene	46,349
Nitromethane	47
2-Nitrophenol	349,354,364,376
4-Nitrophenol	25,35,40,349,354,364,376
Nitrophenylacetamide	365
N-Nitrosodi-n-butylamine	317
N-Nitrosodiethylamine	317
N-Nitrosodisopropylamine	317
N-Nitrosodimethylamine	317,349
N-Nitrosodiphenylamine	317
N-Nitroso-di-N-propylamine	25,35,40,317,349
N-Nitroso-N-methyl-N-phenylamine	317
N-Nitrosomorpholine	317
N-Nitrosopiperidine	317
N-Nitrosopyrrolidine	317
2,2',3,3',4,4',5,5',6,6'-Nonabromodiphenyl ether (BDE-209)	44
2,2',3,3',4,4',5,5',6,6'-Nonachlorobiphenyl (PCB 206)	44
Nonadecane	351,352
Nonanal	51,56,68,75
3-Nonanal	372
n-Nonane	27,28,336,362
1-Nonene	28
n-Nonylamine	36,61,360
Nonylphenols	354
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (PCB194)	358
Octacosane	24,30,333
n-Octadecane	24,30,36,59,60,61
2-Octanal	372
n-Octane	24,27,30,336
Octanoic acid	368
1-Octanol	22,45,51,52,53,55,56,59,60,68,75
2-Octanol	377
2-Octanone	22,45,52,53,55,56,59,60,68
Octatriacontane	24,30,370
n-Octosane	352
n-Octylamine	36,61,360
cis- β -Ocymene	57,386
trans- β -Ocymene	57,386
Oleanolic acid	371
Oleic acid methyl ester (C18:1)	62,368,371,379
Oleic acid methyl ester (C18:1n9c)	58,65,66,74,373,377,386,387,390,391
Olive oil	375
PAH's	337,343
Palmitic acid methyl ester (C16:0)	58,62,65,66,74,368,371,373,377,379,386,387,390,391
Palmitoleic acid methyl ester (C16:1)	58,65,66,74,373,377,379,380,386,387,390,391
PBDE's	44
PCB's	44,337,344,356,357,358
PCB 1 (2-Chlorobiphenyl)	44
PCB 5 (2,3-Dichlorobiphenyl)	44
PCB 18 (2,2',5-Trichlorobiphenyl)	358
PCB 28 (2,4',4'-Trichlorobiphenyl)	337,344,358
PCB 31 (2,4',5-Trichlorobiphenyl)	337,344,358
PCB 44 (2,2',3,5'-Tetrachlorobiphenyl)	358
PCB 69 (2,2',5,5'-Tetrachlorobiphenyl)	358
PCB 52 (2,2',5,5'-Tetrachlorobiphenyl)	44,337,344
PCB 66 (2,3',4,4'-Tetrachlorobiphenyl)	44
PCB 87 (2,2',3,4,5'-Pentachlorobiphenyl)	44
PCB 101 (2,2',4,5,5'-Pentachlorobiphenyl)	44,337,344,358
PCB 110 (2,3,3',4',6-Pentachlorobiphenyl)	44
PCB 118 (2,3',4,4',5-Pentachlorobiphenyl)	344,358
PCB 151 (2,2',3,5,5',6-Hexachlorobiphenyl)	44
PCB 141 (2,2',3,4,5,5'-Hexachlorobiphenyl)	44
PCB 138 (2,2',3,4,4',5'-Hexachlorobiphenyl)	337,344,358
PCB 165 (2,2',3,4',5',6-Hexachlorobiphenyl)	358

Compound	Pages
PCB 153 (2,2',4,4',5,5'-Hexachlorobiphenyl)	337,344,358
PCB 155 (2,2',4,4',6,6'-Hexachlorobiphenyl)	339,344
PCB 141 (2,2',3,4,5,5'-Hexachlorobiphenyl)	44
PCB 187 (2,2',3,4',5,5',6-Heptachlorobiphenyl)	44
PCB 170 (2,2',3,3',4,4',5-Heptachlorobiphenyl)	44,358
PCB 180 (2,2',3,4,4',5,5'-Heptachlorobiphenyl)	337,344,358
PCB 183 (2,2',3,4,4',5',6-Heptachlorobiphenyl)	44
PCB 194 (2,2',3,3',4,4',5,5'-Octachlorobiphenyl)	358
PCB 209 (2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl)	358
PCB 206 (2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl)	44
Penconazol	374
Pendimethalin	352
2,2',4,4',6-Pentabromodiphenyl ether (BDE-100)	44
2,2',4,4',5-Pentabromodiphenyl ether (BDE-99)	44
2,2',4,4',6-Pentabromodiphenyl ether (BDE-85)	44
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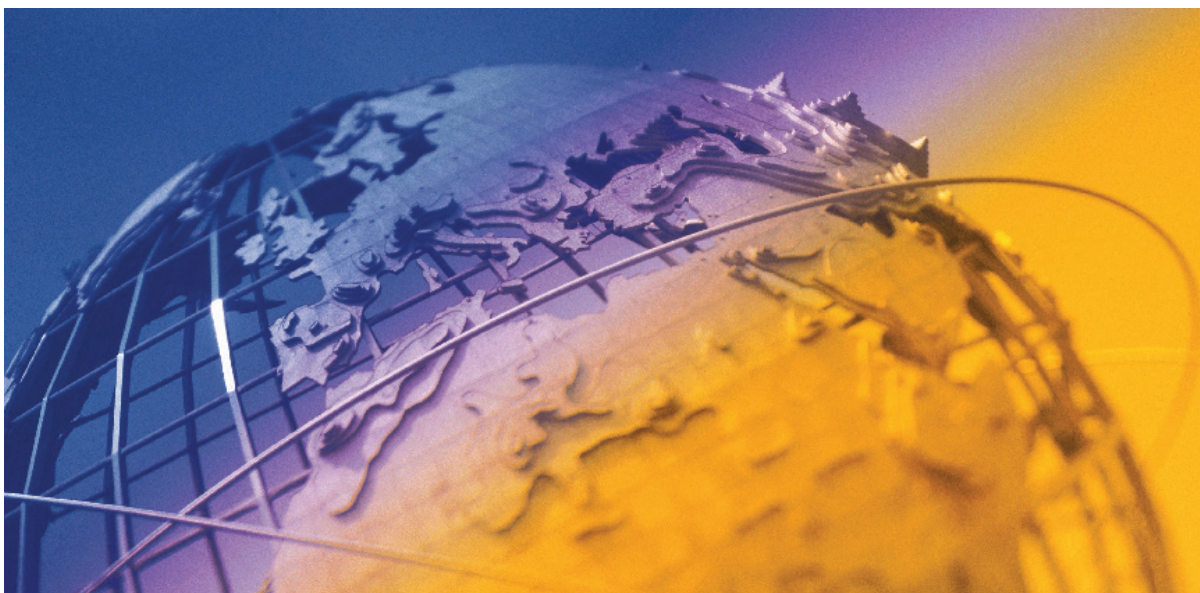


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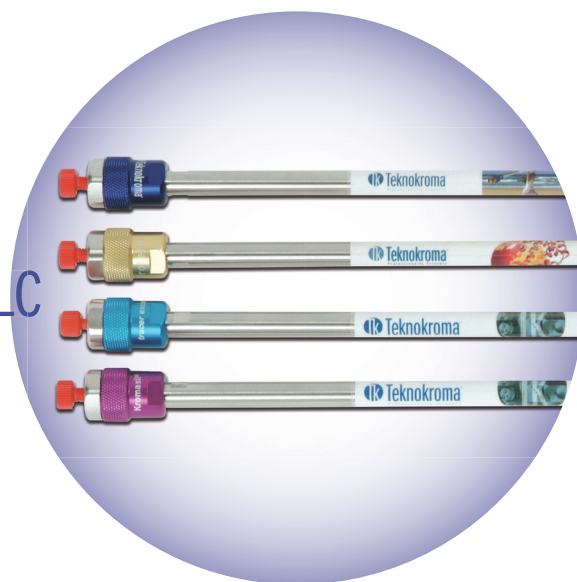
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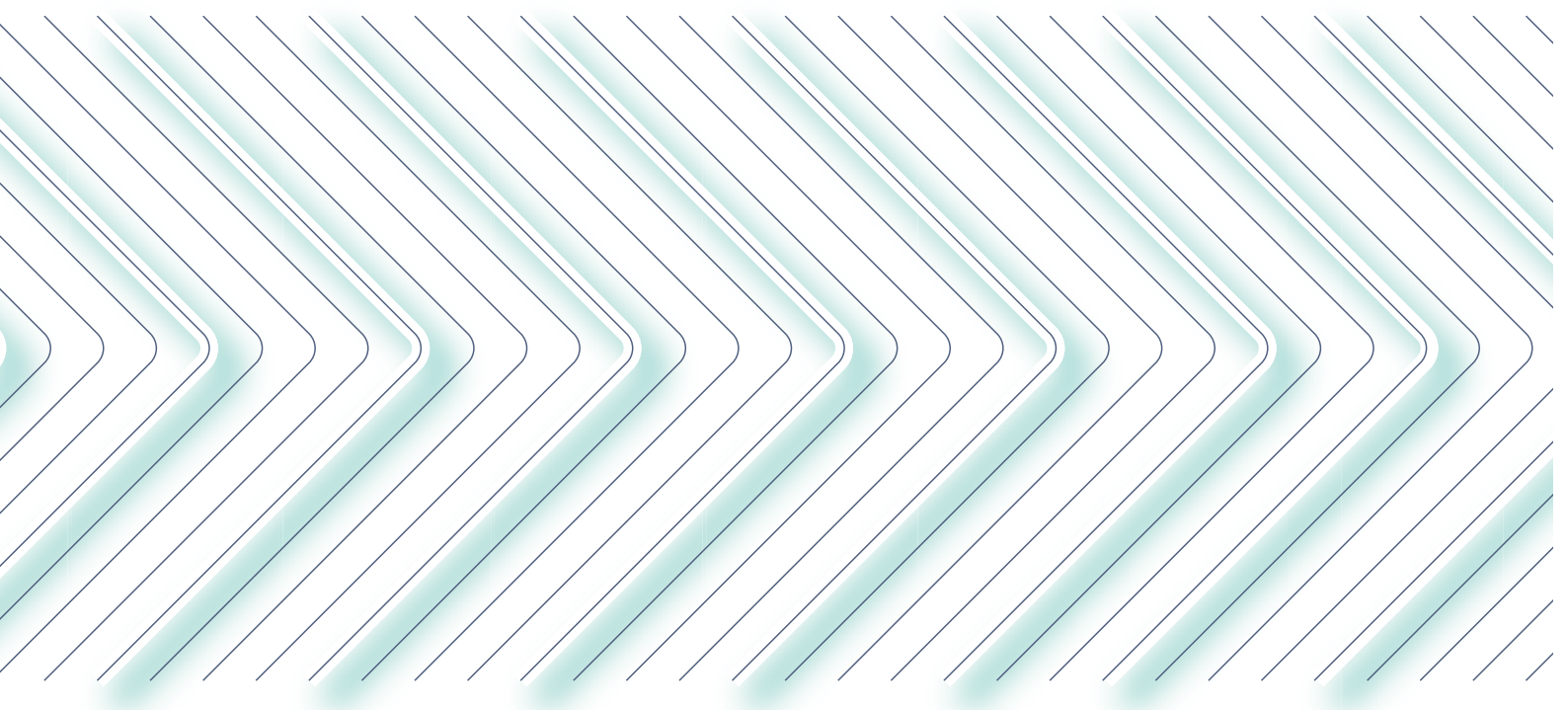


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