

Flavors & Fragrances FT-IR Spectral Library

Index of Compounds

<u>No.</u>	<u>Compound Description</u>	<u>No.</u>	<u>Compound Description</u>
1.	Acetal	45.	Anisyl propionate
2.	Acetaldehyde	358.	Benzalacetone
1.	Acetaldehyde diethyl acetal	46.	Benzaldehyde
561.	Acetaldehyde dimethyl acetal	640.	Benzenethiol
3.	Acetic acid	47.	Benzoic acid
4.	Acetin	48.	Benzophenone
5.	Acetoin (85 wt.% in water)	578.	Benzo[b]pyridine
304.	2'-Acetonaphthone	408.	Benzo[c]pyridine
533.	Acetone	508.	Benzo[thiazole]
6.	Acetophenone	49.	Benzyl acetate
606.	2-Acetoxy-3-butanone	50.	Benzyl acetoacetate
647.	4-(4-Acetoxyphenyl)-2-butanone	51.	Benzyl alcohol
548.	Acetylacetaldehyde dimethyl acetal	52.	Benzyl benzoate
648.	4-Acetyl-6-t-butyl-1,1-dimethylindane	398.	1-Benzyl-1-butanol
380.	4-Acetylcumene	642.	Benzyl-t-butanol
553.	3-Acetyl-2,5-dimethylfuran	53.	Benzyl butyl ether
464.	2-Acetylfuran	54.	Benzyl butyrate
638.	2-Acetyl-5-methylfuran	141.	Benzyl ether
649.	4-Acetyl-2-methylpyrimidine	56.	Benzyl ethyl ether
471.	2-Acetyl-1-methylpyrrole	57.	Benzyl formate
304.	2-Acetylnaphthalene	312.	3-Benzylidene-2-butanone
618.	o-Acetylphenol	26.	2-Benzylidene-1-heptanol
507.	2-Acetylpyridine	79.	2-Benzylidenehexanal
560.	3-Acetylpyridine	247.	2-Benzylideneoctanal
534.	2-Acetylthiazole	55.	Benzyl isobutyrate
433.	Acetyl tributyl citrate	61.	Benzyl isovalerate
7.	Adipic acid	58.	Benzyl mercaptan
8.	Allyl 2-aminobenzoate	61.	Benzyl 3-methylbutanoate
8.	Allyl anthranilate	535.	Benzyl (E)-2-methyl-2-butenate
9.	Allyl butyrate	55.	Benzyl 2-methylpropanoate
11.	Allyl caproate	633.	Benzyl methyl sulfide
15.	Allyl caprylate	50.	Benzyl 3-oxobutanoate
650.	4-Allyl-2,6-dimethoxyphenol	59.	Benzyl phenylacetate
10.	Allyl disulfide	60.	Benzyl propionate
20.	Allyl 10-hendecenoate	535.	Benzyl tiglate
11.	Allyl hexanoate	263.	Bergamol
12.	Allyl a-ionone	446.	Biphenyl
13.	Allyl isothiocyanate	62.	Borneol
14.	Allyl mercaptan	64.	Bornyl acetate
201.	4-Allyl-2-methoxyphenol	68.	Bornyl isovalerate
15.	Allyl octanoate	68.	Bornyl 3-methylbutanoate
16.	Allyl phenoxyacetate	140.	2,3-Butanedione
17.	Allyl phenylacetate	582.	2,3-Butanedithiol
18.	Allyl propionate	583.	1-Butanethiol
19.	Allyl sulfide	99.	Butanoic acid
650.	4-Allylsyringol	72.	1-Butanol
20.	Allyl 10-undecenoate	70.	2-Butanone
235.	Ambrettolide	606.	2-Butanon-3-yl acetate
579.	Ambrox	71.	Butyl acetate
22.	Amyl alcohol	72.	Butyl alcohol
30.	Amyl caproate	447.	Butylamine
34.	Amyl caprylate	75.	Butyl butyrate
25.	a-Amylcinnamyl acetate	85.	Butyl caproate
26.	a-Amylcinnamyl alcohol	79.	a-Butylcinnamaldehyde
29.	Amyl enanthate	510.	2-(2-Butyl)cyclohexanone
27.	Amyl formate	81.	Butyl 2-decenoate
530.	2-Amylfuran	89.	Butyl dodecanoate
550.	2-Amylpyridine	84.	Butyl enanthate
40.	Anethole	82.	Butyl formate
520.	a-Angelicalactone	97.	Butyl 10-hendecenoate
272.	p-Anisaldehyde	84.	Butyl heptanoate
41.	Anisole	85.	Butyl hexanoate
42.	Anisyl acetate	646.	Butyl 2-hydroxybenzoate
273.	Anisylacetone	87.	Butyl 4-hydroxybenzoate
43.	Anisyl alcohol	142.	4-Butyl-4-hydroxyoctanoic acid lactone
44.	Anisyl formate	88.	Butyl 2-hydroxypropanoate

No. Compound Description

77.	Butyl isobutyrate
88.	Butyl lactate
89.	Butyl laurate
90.	Butyl levulinate
583.	Butyl mercaptan
77.	Butyl 2-methylpropanoate
95.	Butyl octadecanoate
90.	Butyl 4-oxopentanoate
87.	Butyl paraben
92.	Butyl phenylacetate
93.	Butyl propionate
646.	Butyl salicylate
95.	Butyl stearate
96.	Butyl sulfide
545.	2-(2-Butyl)thiazole
97.	Butyl 10-undecenoate
99.	Butyric acid
100.	Butyrolin
250.	Butyrolin
519.	g-Butyrolactone
101.	Caffeine
102.	Camphene
103.	Camphor
136.	Capraldehyde
239.	Caproic acid
236.	g-Caprolactone
331.	Caprylic acid
104.	Carvacrol
105.	Carvacryl ethyl ether
106.	4-Carvomenthol
107.	Carvone
108.	Carvyl acetate
109.	Carvyl propionate
110.	b-Caryophyllene
298.	b-Cetone
234.	Cetyl alcohol
200.	1,8-Cineole
111.	Cinnamaldehyde
112.	Cinnamic acid
113.	Cinnamyl acetate
114.	Cinnamyl alcohol
115.	Cinnamyl butyrate
116.	Cinnamyl isobutyrate
119.	Cinnamyl isovalerate
119.	Cinnamyl 3-methylbutanoate
116.	Cinnamyl 2-methylpropanoate
117.	Cinnamyl phenylacetate
118.	Cinnamyl propionate
120.	Citral
121.	Citral dimethyl acetal
454.	Citronellic acid
409.	a-Citronellol
122.	(b)-Citronellol
123.	Citronelloxyacetaldehyde
124.	Citronellyl formate
125.	Citronellyl phenylacetate
607.	m-Cresol
584.	o-Cresol
126.	p-Cresol
127.	Cuminaldehyde
128.	Cyclohexaneacetic acid
608.	Cyclohexanecarboxylic acid
571.	1,2-Cyclohexanedione
129.	Cyclohexaneethyl acetate
130.	Cyclohexyl acetate
128.	Cyclohexylacetic acid
131.	Cyclohexyl 2-aminobenzoate
131.	Cyclohexyl anthranilate
132.	Cyclohexyl butyrate
133.	Cyclohexyl cinnamate
129.	2-Cyclohexylethyl acetate
135.	Cyclohexyl isovalerate
135.	Cyclohexyl 3-methylbutanoate
134.	Cyclohexyl propionate

No. Compound Description

511.	Cyclopentanethiol
511.	Cyclopentyl mercaptan
385.	p-Cymen-7-ol
449.	(E,E)-2,4-Decadienal
136.	Decanal
137.	1-Decanol
636.	3-Decanol
512.	(Z)-4-Decenal
138.	2-Decenal
609.	3-Decen-2-one
139.	Decyl acetate
137.	Decyl alcohol
136.	Decyl aldehyde
140.	Diacetyl
10.	Diallyl disulfide
19.	Diallyl sulfide
141.	Dibenzyl ether
142.	4,4-Dibutyl-g-butyrolactone
143.	Dibutyl decanedioate
143.	Dibutyl sebacate
96.	Dibutyl sulfide
1.	1,1-Diethoxyethane
145.	Diethyl decanedioate
147.	Diethyl 2,3-dihydroxysuccinate
144.	Diethyl malonate
450.	2,3-Diethylpyrazine
145.	Diethyl sebacate
146.	Diethyl succinate
147.	Diethyl tartrate
509.	Difurfuryl sulfide
150.	3,4-Dihydro-2H-1-benzopyran-2-one
148.	Dihydrocarveol
625.	Dihydrocarvone
149.	Dihydrocarvyl acetate
150.	Dihydrocoumarin
634.	Dihydroeugenol
513.	4,5-Dihydro-3(2H)-thiophenone
630.	1,3-Dihydroxybenzene
599.	1,9-Dimercaptononane
600.	1,8-Dimercaptooctane
445.	3,4-Dimethoxybenzaldehyde
151.	1,3-Dimethoxybenzene
152.	1,4-Dimethoxybenzene
121.	1,1-Dimethoxy-3,7-dimethyl-2,6-octadiene
561.	1,1-Dimethoxyethane
660.	2,6-Dimethoxy-4-methylphenol
451.	2,6-Dimethoxyphenol
204.	1,2-Dimethoxy-4-(1-propenyl)benzene
452.	3,4-Dimethoxystyrene
562.	2,4-Dimethylbenzaldehyde
651.	2,6-Dimethylbenzenethiol
567.	6,6-Dimethylbicyclo[3.1.1]hept-2-en-2-ylmethanol
610.	Dimethyl disulfide
453.	2,6-Dimethyl-4-heptanol
153.	2,6-Dimethyl-5-heptenal
102.	2,2-Dimethyl-3-methylenebicyclo[2.2.1]heptane
370.	6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane
120.	3,7-Dimethyl-2,6-octadienal
216.	(E)-3,7-Dimethyl-2,6-octadien-1-ol
321.	(Z)-3,7-Dimethyl-2,6-octadien-1-ol
262.	3,7-Dimethyl-1,6-octadien-3-ol
217.	(E)-3,7-Dimethyl-2,6-octadien-1-yl acetate
263.	3,7-Dimethyl-1,6-octadien-3-yl acetate
218.	(E)-3,7-Dimethyl-2,6-octadien-1-yl benzoate
219.	(E)-3,7-Dimethyl-2,6-octadien-1-yl formate
265.	3,7-Dimethyl-1,6-octadien-3-yl formate
267.	3,7-Dimethyl-1,6-octadien-3-yl 2-methylbutanoate
264.	3,7-Dimethyl-1,6-octadien-3-yl 2-methylpropanoate
220.	(E)-3,7-Dimethyl-2,6-octadien-1-yl phenylacetate
595.	3,7-Dimethyl-1,6-octadien-3-yl phenylacetate
221.	(E)-3,7-Dimethyl-2,6-octadien-1-yl propionate
266.	3,7-Dimethyl-1,6-octadien-3-yl propionate
154.	3,7-Dimethyl-1-octanol
422.	3,7-Dimethyloctan-3-ol

<u>No.</u>	<u>Compound Description</u>	<u>No.</u>	<u>Compound Description</u>
611.	3,7-Dimethyl-1,3,6-octatriene	614.	Ethylene tridecanedioate
454.	3,7-Dimethyl-6-octenoic acid	182.	Ethyl 2,3-epoxy-2-methyl-3-phenylpropanoate, cis-
122.	3,7-Dimethyl-6-octen-1-ol	181.	Ethyl 2,3-epoxy-2-methyl-3-phenylpropanoate, trans-
409.	3,7-Dimethyl-7-octen-1-ol	174.	Ethyl formate
124.	3,7-Dimethyl-6-octen-1-yl formate	653.	2-Ethylfuran
410.	3,7-Dimethyl-7-octen-1-yl formate	654.	Ethyl 3-(furfurylthio)propionate
412.	3,7-Dimethyl-7-octen-1-yl 3-methylbutanoate	175.	4-Ethylguaiaicol
125.	3,7-Dimethyl-6-octen-1-yl phenylacetate	590.	Ethyl hendecanoate
411.	3,7-Dimethyl-7-octen-1-yl propanoate	197.	Ethyl 10-hendecenoate
123.	6,10-Dimethyl-3-oxa-9-undecenal	176.	Ethyl heptanoate
455.	2,4-Dimethyl-2-pentenoic acid	188.	Ethyl hexadecanoate
155.	a,a-Dimethylphenethyl acetate	195.	Ethyl 2,4-hexadienoate
156.	a,a-Dimethylphenethyl alcohol	177.	Ethyl hexanoate
631.	2,5-Dimethylphenol	458.	2-Ethyl-1-hexanol
506.	2,6-Dimethylphenol	192.	Ethyl hydrocinnamate
632.	3,4-Dimethylphenol	194.	Ethyl 2-hydroxybenzoate
642.	1,1-Dimethyl-3-phenyl-1-propanol	459.	3-Ethyl-2-hydroxy-2-cyclopenten-1-one
514.	2,5-Dimethylpyrazine	587.	2-Ethyl-3-hydroxy-4H-pyran-4-one
515.	2,6-Dimethylpyrazine	169.	Ethyl isobutyrate
612.	2,6-Dimethylpyridine	199.	Ethyl isovalerate
157.	Dimethyl succinate	178.	Ethyl laurate
315.	Dimethyl sulfide	179.	Ethyl levulinate
651.	2,6-Dimethylthiophenol	587.	Ethyl maltol
613.	6,10-Dimethyl-5,9-undecadien-2-one	655.	Ethyl 3-mercaptopropionate
323.	Dinitrogen monoxide	163.	Ethyl 4-methoxybenzoate
158.	1,3-Diphenylacetone	175.	4-Ethyl-3-methoxyphenol
494.	Diphenyl disulfide	180.	Ethyl 2-methylbutanoate
158.	1,3-Diphenyl-2-propanone	199.	Ethyl 3-methylbutanoate
496.	Dipropyl disulfide	196.	Ethyl (E)-2-methyl-2-butenolate
652.	(E,E)-2,4-Dodecadienal	569.	Ethyl 2-methyl-3-pentenoate
257.	Dodecanal	588.	Ethyl 2-methyl-4-pentenoate
256.	Dodecanoic acid	181.	Ethyl methylphenylglycidate
259.	1-Dodecanol	182.	Ethyl methylphenylglycidate
258.	Dodecyl acetate	169.	Ethyl 2-methylpropanoate
257.	Dodecyl aldehyde	460.	2-Ethyl-3-methylpyrazine
537.	Enanthic acid	616.	5-Ethyl-2-methylpyridine
173.	1,2-Epoxyethane	183.	Ethyl myristate
200.	1,8-Epoxy-p-menthane	320.	Ethyl 2-naphthyl ether
2.	Ethanal	184.	Ethyl nonanoate
585.	1,2-Ethanedithiol	185.	Ethyl 2-nonynoate
3.	Ethanoic acid	589.	Ethyl octadecanoate
162.	Ethanol	187.	Ethyl (Z)-9-octadecenoate
159.	4-Ethoxybenzaldehyde	186.	Ethyl octanoate
105.	2-Ethoxy-4-isopropyltoluene	187.	Ethyl oleate
203.	1-Ethoxy-2-methoxy-4-(1-propenyl)benzene	179.	Ethyl 4-oxopentanoate
320.	2-Ethoxynaphthalene	188.	Ethyl palmitate
658.	4-Ethoxyphenol	184.	Ethyl pelargonate
376.	(E)-2-Ethoxy-5-propenylphenol	198.	Ethyl pentanoate
160.	Ethyl acetate	461.	4-Ethylphenol
161.	Ethyl acrylate	189.	Ethyl phenylacetate
162.	Ethyl alcohol	190.	Ethyl 4-phenylbutanoate
164.	Ethyl 2-aminobenzoate	191.	Ethyl 3-phenyl-2,3-epoxypropionate
163.	Ethyl p-anisate	191.	Ethyl 3-phenylglycidate
164.	Ethyl anthranilate	192.	Ethyl 3-phenylpropanoate
165.	Ethyl benzoate	161.	Ethyl propenoate
167.	2-Ethylbutanal	193.	Ethyl propionate
586.	Ethyl (E)-2-butenolate	516.	2-Ethylpyrazine
166.	2-Ethylbutyl acetate	194.	Ethyl salicylate
167.	2-Ethylbutyraldehyde	195.	Ethyl sorbate
168.	Ethyl butyrate	589.	Ethyl stearate
170.	2-Ethylbutyric acid	183.	Ethyl tetradecanoate
172.	Ethyl caprate	423.	Ethyl tetramethylcyclohexenone
177.	Ethyl caproate	423.	5-Ethyl-(2/6),3,4,5-tetramethyl-2-cyclohexen-1-one
186.	Ethyl caprylate	536.	2-Ethylthiophenol
171.	Ethyl cinnamate	196.	Ethyl tiglate
586.	Ethyl crotonate	590.	Ethyl undecanoate
615.	Ethyl cyclohexanecarboxylate	197.	Ethyl 10-undecenoate
459.	3-Ethyl-1,2-cyclopentanedione	198.	Ethyl valerate
457.	Ethyl (2E,4Z)-2,4-decadienoate	549.	Ethyl vinyl ketone
172.	Ethyl decanoate	200.	Eucalyptol
178.	Ethyl dodecanoate	201.	Eugenol
176.	Ethyl enanthate	207.	Farnesol
614.	Ethylene brassylate	206.	(E,E)-Farnesol
173.	Ethylene oxide	208.	Fenchone

No. Compound Description

209.	Formic acid
210.	2-Furaldehyde
210.	Furfural
211.	Furfuryl acetate
212.	Furfuryl alcohol
215.	Furfurylideneacetone
213.	Furfuryl mercaptan
462.	Furfuryl methyl sulfide
509.	Furfuryl sulfide
463.	2-Furfuryl thioacetate
463.	Furfurylthiol acetate
214.	3-(2-Furyl)acrolein
215.	4-(2-Furyl)-3-buten-2-one
559.	2-Furyl pentyl ketone
214.	3-(2-Furyl)-2-propenal
120.	Geranial + Neral
216.	Geraniol
217.	Geranyl acetate
613.	Geranylacetone
218.	Geranyl benzoate
219.	Geranyl formate
220.	Geranyl phenylacetate
221.	Geranyl propionate
222.	Glycerine
222.	Glycerol
656.	Glyceryl 5-hydroxydecanoate
4.	Glyceryl triacetate
100.	Glyceryl tributyrate
223.	Guaiacol
224.	Guaiacyl phenylacetate
436.	Hendecanal
503.	Hendecanoic acid
439.	1-Hendecanol
504.	2-Hendecanol
437.	2-Hendecanone
438.	10-Hendecenal
505.	10-Hendecenoic acid
465.	(E,E)-2,4-Heptadienal
225.	Heptaldehyde
225.	Heptanal
537.	Heptanoic acid
230.	1-Heptanol
517.	2-Heptanol
617.	3-Heptanol
226.	2-Heptanone
227.	3-Heptanone
228.	4-Heptanone
466.	(E)-2-Heptenal
591.	(E)-3-Heptenyl isobutyrate
591.	(E)-3-Heptenyl 2-methylpropanoate
229.	Heptyl acetate
231.	Heptyl butyrate
233.	Heptyl caprylate
232.	Heptyl formate
554.	2-Heptylfuran
233.	Heptyl octanoate
341.	Hexadecanoic acid
234.	1-Hexadecanol
235.	w-6-Hexadecenolactone
563.	(E,E)-2,4-Hexadienal
236.	g-Hexalactone
237.	Hexanal
7.	Hexanedioic acid
238.	2,3-Hexanedione
467.	3,4-Hexanedione
592.	1,6-Hexanedithiol
239.	Hexanoic acid
246.	1-Hexanol
538.	3-Hexanol
518.	3-Hexanone
559.	2-Hexanoylfuran
240.	(E)-2-Hexen-1-ol
242.	(E)-3-Hexen-1-ol
241.	(Z)-2-Hexen-1-ol

No. Compound Description

243.	(Z)-3-Hexen-1-ol
637.	1-Hexen-3-ol
564.	4-Hexen-1-ol
539.	2-Hexen-4-one
539.	4-Hexen-3-one
244.	2-Hexen-1-yl acetate
245.	Hexyl acetate
657.	Hexyl benzoate
248.	Hexyl caprylate
247.	a-Hexylcinnamaldehyde
468.	Hexyl isobutyrate
594.	Hexyl isovalerate
593.	Hexyl 2-methylbutanoate
594.	Hexyl 3-methylbutanoate
468.	Hexyl 2-methylpropanoate
248.	Hexyl octanoate
570.	Hexyl phenylacetate
249.	Hexyl propionate
310.	Hydratropyl alcohol
363.	Hydrocinnamaldehyde
364.	Hydrocinnamic acid
365.	Hydrocinnamyl acetate
367.	Hydrocinnamyl formate
366.	Hydrocinnamyl isobutyrate
368.	Hydrocinnamyl isovalerate
152.	Hydroquinone dimethyl ether
658.	Hydroquinone monoethyl ether
618.	2'-Hydroxyacetophenone
251.	4'-Hydroxybenzylacetone
596.	3-Hydroxy-2-butanethiol
519.	4-Hydroxybutanoic acid lactone
469.	1-Hydroxy-2-butanone
5.	3-Hydroxy-2-butanone
571.	2-Hydroxy-2-cyclohexen-1-one
235.	16-Hydroxy-6-hexadecenoic acid lactone
236.	4-Hydroxyhexanoic acid lactone
443.	4-Hydroxy-3-methoxybenzaldehyde
324.	4-Hydroxynonanoic acid lactone
250.	5-Hydroxy-4-octanone
442.	4-Hydroxypentanoic acid lactone
520.	4-Hydroxy-3-pentenoic acid lactone
251.	1-(4-Hydroxyphenyl)-3-butanone
255.	2-Hydroxypropanoic acid
252.	a-Ionone
253.	b-Ionone
254.	a-Irone
21.	Isoamyl acetate
619.	Isoamyl acetoacetate
23.	Isoamyl alcohol
490.	Isoamylamine
24.	Isoamyl benzoate
31.	Isoamyl caproate
35.	Isoamyl caprylate
28.	Isoamyl formate
39.	Isoamyl isovalerate
32.	Isoamyl laurate
33.	Isoamyl pelargonate
36.	Isoamyl phenylacetate
37.	Isoamyl propionate
38.	Isoamyl salicylate
63.	Isoborneol
65.	Isobornyl acetate
66.	Isobornyl formate
69.	Isobornyl 3-methylbutanoate
67.	Isobornyl propionate
73.	Isobutyl angelate
74.	Isobutyl benzoate
76.	Isobutyl butyrate
86.	Isobutyl caproate
80.	Isobutyl cinnamate
83.	Isobutyl formate
78.	Isobutyl isobutyrate
544.	Isobutyl isovalerate
448.	2-Isobutyl-3-methoxypyrazine

<u>No.</u>	<u>Compound Description</u>	<u>No.</u>	<u>Compound Description</u>
91.	a-Isobutylphenethyl alcohol	573.	Malty isobutyrate
94.	Isobutyl propionate	153.	Melonal
98.	Isobutyraldehyde	622.	p-Mentha-1,8-dien-7-al
574.	Isocaproic acid	417.	p-Mentha-1,4(8)-diene
202.	Isoeugenol	416.	p-Menth-1-en-8-ol
203.	Isoeugenyl ethyl ether	625.	p-Menth-8-en-2-one
204.	Isoeugenyl methyl ether	418.	p-Menth-1-en-8-yl acetate
205.	Isoeugenyl phenylacetate	419.	p-Menth-1-en-8-yl formate
572.	Isomenthone	420.	p-Menth-1-en-8-yl 3-methylbutanoate
620.	Isophorone	268.	Menthol
622.	4-Isopropenyl-1-cyclohexenecarboxaldehyde	269.	(2S,5R)-(-)-Menthone
456.	1-Isopropenyl-4-methylbenzene	270.	Menthyl acetate
404.	2-Isopropenyl-5-methylcyclohexanol	271.	Menthyl isovalerate
148.	5-Isopropenyl-2-methylcyclohexanol	596.	3-Mercapto-2-butanol
625.	5-Isopropenyl-2-methylcyclohexanone	470.	2-Mercaptopropionic acid
261.	4-Isopropenyl-1-methyl-1-cyclohexene	543.	Mesityl oxide
107.	5-Isopropenyl-2-methyl-2-cyclohexen-1-one	444.	3-Methoxy-4-acetoxybenzaldehyde
108.	5-Isopropenyl-2-methyl-2-cyclohexen-1-yl acetate	272.	4-Methoxybenzaldehyde
109.	5-Isopropenyl-2-methyl-2-cyclohexen-1-yl proanoate	41.	Methoxybenzene
406.	2-Isopropenyl-5-methylcyclohexyl acetate	42.	4-Methoxybenzyl acetate
149.	5-Isopropenyl-2-methylcyclohexyl acetate	43.	4-Methoxybenzyl alcohol
456.	4-Isopropenyltoluene	44.	4-Methoxybenzyl formate
379.	Isopropyl acetate	45.	4-Methoxybenzyl propionate
380.	4'-Isopropylacetophenone	650.	6-Methoxyeugenol
382.	Isopropyl alcohol	448.	2-Methoxy-3-(2-methylpropyl)pyrazine
127.	4-Isopropylbenzaldehyde	223.	2-Methoxyphenol
385.	4-Isopropylbenzyl alcohol	274.	p-Methoxyphenylacetone
387.	Isopropyl butyrate	273.	4-(4-Methoxyphenyl)-2-butanone
396.	Isopropyl caproate	224.	2-Methoxyphenyl phenylacetate
390.	Isopropyl cinnamate	274.	1-(4-Methoxyphenyl)-2-propanone
393.	Isopropyl formate	202.	2-Methoxy-4-(1-propenyl)phenol
396.	Isopropyl hexanoate	205.	2-Methoxy-4-(1-propenyl)phenyl phenylacetate
405.	2-Isopropylidene-5-methylcyclohexanone	383.	1-Methoxy-4-propylbenzene
417.	4-Isopropylidene-1-methyl-1-cyclohexene	634.	2-Methoxy-4-propylphenol
389.	Isopropyl isobutyrate	278.	4-Methoxytoluene
403.	Isopropyl isovalerate	275.	Methyl acetate
540.	2-Isopropyl-3-methoxypyrazine	276.	4'-Methylacetophenone
403.	Isopropyl 3-methylbutanoate	279.	Methyl 2-aminobenzoate
497.	Isopropyl (E)-2-methyl-2-butenolate	300.	Methyl o-anisate
623.	1-Isopropyl-4-methyl-1,3-cyclohexadiene	277.	Methyl p-anisate
624.	1-Isopropyl-4-methyl-1,4-cyclohexadiene	278.	4-Methylanisole
268.	2-Isopropyl-5-methylcyclohexanol	279.	Methyl anthranilate
269.	2-Isopropyl-5-methylcyclohexanone	425.	2-Methylbenzaldehyde
572.	2-Isopropyl-5-methylcyclohexanone, cis-	426.	3-Methylbenzaldehyde
106.	1-Isopropyl-4-methyl-3-cyclohexen-1-ol	427.	4-Methylbenzaldehyde
372.	4-Isopropyl-1-methyl-1-cyclohexen-3-one	428.	Methylbenzaldehydes (mixed 2,3,4)
270.	2-Isopropyl-5-methylcyclohexyl acetate	280.	Methyl benzoate
271.	2-Isopropyl-5-methylcyclohexyl 3-methylbutanoate	281.	a-Methylbenzyl acetate
424.	2-Isopropyl-5-methylphenol	282.	a-Methylbenzyl alcohol
104.	5-Isopropyl-2-methylphenol	283.	a-Methylbenzyl butyrate
389.	Isopropyl 2-methylpropanoate	284.	a-Methylbenzyl propionate
621.	Isopropyl myristate	472.	4-Methylbiphenyl
400.	Isopropyl phenylacetate	286.	3-Methylbutanal
621.	Isopropyl tetradecanoate	521.	2-Methyl-1-butanethiol
497.	Isopropyl tiglate	23.	3-Methyl-1-butanol
404.	Isopulegol	659.	3-Methyl-2-butanol
406.	Isopulegyl acetate	643.	3-Methyl-2-butenal
408.	Isoquinoline	635.	(E)-2-Methyl-2-butenic acid
286.	Isovaleraldehyde	473.	3-Methyl-2-butenic acid
480.	Jasmone, cis-	644.	3-Methyl-2-buten-1-ol
255.	L-Lactic acid	21.	3-Methylbutyl acetate
256.	Lauric acid	490.	3-Methylbutylamine
258.	Lauryl acetate	24.	3-Methylbutyl benzoate
259.	Lauryl alcohol	32.	3-Methylbutyl dodecanoate
260.	Levulinic acid	28.	3-Methylbutyl formate
261.	Limonene	31.	3-Methylbutyl hexanoate
262.	Linalool	38.	3-Methylbutyl 2-hydroxybenzoate
263.	Linalyl acetate	541.	2-Methylbutyl 2-methylbutanoate
265.	Linalyl formate	39.	3-Methylbutyl 3-methylbutanoate
264.	Linalyl isobutyrate	33.	3-Methylbutyl nonanoate
267.	Linalyl isovalerate	35.	3-Methylbutyl octanoate
595.	Linalyl phenylacetate	619.	3-Methylbutyl 3-oxobutanoate
266.	Linalyl propionate	36.	3-Methylbutyl phenylacetate
612.	2,6-Lutidine	285.	Methyl 4-(t-butyl)phenylacetate

<u>No.</u>	<u>Compound Description</u>
37.	3-Methylbutyl propionate
286.	3-Methylbutyraldehyde
287.	Methyl butyrate
289.	2-Methylbutyric acid
297.	Methyl caproate
307.	Methyl caprylate
290.	a-Methylcinnamaldehyde
291.	Methyl cinnamate
473.	3-Methylcrotonic acid
626.	Methyl cyclohexanecarboxylate
542.	3-Methyl-2-cyclohexen-1-one
292.	3-Methylcyclopentane-1,2-dione
292.	Methylcyclopentenolone
565.	3-Methyl-2-cyclopenten-1-one
522.	5-Methyl-6,7-dihydro-5H-cyclopenta[b]pyrazine
546.	2-Methyl-4,5-dihydro-3(2H)-furanone
610.	Methyl disulfide
299.	Methyl dodecanoate
296.	Methyl enanthate
373.	3,4-Methylenedioxybenzaldehyde
374.	3,4-Methylenedioxybenzyl acetate
375.	3,4-Methylenedioxybenzyl 2-methylpropanoate
293.	4-(3,4-Methylenedioxyphenyl)-2-butanone
110.	2-Methylene-6,10,10-trimethylbicyclo[7.2.0]undec-5-ene
474.	2-Methyl-3-furanthiol
294.	5-Methylfurfural
295.	Methyl 2-furoate
316.	Methyl 10-hendecenoate
296.	Methyl heptanoate
475.	5-Methyl-2,3-hexanedione
297.	Methyl hexanoate
476.	2-Methylhexanoic acid
555.	5-Methyl-3-hexen-2-one
597.	Methyl b-hydroxycaproate
597.	Methyl 3-hydroxyhexanoate
414.	3-Methylindole
298.	Methyl b-ionone
309.	Methyl isobutyl ketone
288.	Methyl isobutyrate
299.	Methyl laurate
556.	Methyl linolenate
300.	Methyl 2-methoxybenzoate
277.	Methyl 4-methoxybenzoate
301.	Methyl 2-methylbutanoate
318.	7-Methyl-3-methylene-1,6-octadiene
288.	Methyl 2-methylpropanoate
499.	4-Methyl-2-(2-methylpropen-1-yl)tetrahydropyran
302.	Methyl 3-(methylthio)propionate
303.	Methyl myristate
477.	1-Methylnaphthalene
661.	Methyl nicotinate
305.	Methyl nonanoate
662.	Methyl 3-nonenoate
306.	Methyl 2-nonynoate
556.	Methyl 9,12,15-octadecatrienoate
307.	Methyl octanoate
663.	Methyl (E)-2-octenoate
308.	Methyl 2-octynoate
305.	Methyl pelargonate
557.	2-Methylpentanal
317.	Methyl pentanoate
566.	3-Methylpentanoic acid
574.	4-Methylpentanoic acid
309.	4-Methyl-2-pentanone
478.	2-Methyl-2-pentenal
479.	(E)-2-Methyl-2-pentenoic acid
598.	2-Methyl-4-pentenoic acid
543.	4-Methyl-3-penten-2-one
480.	(Z)-3-Methyl-2-(2-pentenyl)-2-cyclopenten-1-one
584.	2-Methylphenol
607.	3-Methylphenol
126.	4-Methylphenol
311.	Methyl phenylacetate
429.	4-Methylphenyl acetate

<u>No.</u>	<u>Compound Description</u>
642.	2-Methyl-4-phenyl-2-butanol
312.	3-Methyl-4-phenyl-3-buten-2-one
481.	Methyl 2-phenylethyl ether
495.	Methyl phenyl glyoxal
482.	5-Methyl-2-phenyl-2-hexenal
430.	4-Methylphenyl 2-methylpropanoate
667.	4-Methylphenyl octanoate
359.	3-Methyl-1-phenyl-3-pentanol
91.	4-Methyl-1-phenyl-1-pentanol
431.	4-Methylphenyl phenylacetate
432.	2-(4-Methylphenyl)propanal
156.	2-Methyl-1-phenyl-2-propanol
290.	2-Methyl-3-phenyl-2-propenal
155.	2-Methyl-1-phenyl-2-propyl acetate
98.	2-Methylpropanal
313.	Methyl propionate
74.	2-Methylpropyl benzoate
76.	2-Methylpropyl butanoate
80.	2-Methylpropyl cinnamate
510.	2-(1-Methylpropyl)cyclohexanone
83.	2-Methylpropyl formate
86.	2-Methylpropyl hexanoate
544.	2-Methylpropyl 3-methylbutanoate
73.	2-Methylpropyl (Z)-2-methyl-2-butenolate
78.	2-Methylpropyl 2-methylpropanoate
94.	2-Methylpropyl propionate
545.	2-(1-Methylpropyl)thiazole
523.	Methyl propyl trisulfide
524.	2-Methylpyrazine
661.	Methyl 3-pyridinecarboxylate
573.	2-Methyl-4-pyron-3-yl 3-methylpropanoate
314.	6-Methylquinoline
315.	Methyl sulfide
660.	4-Methylsyringol
303.	Methyl tetradecanoate
546.	2-Methyltetrahydrofuran-3-one
484.	5-Methyl-2-thenaldehyde
664.	4-Methylthiazole
483.	1-(Methylthio)-2-butanone
525.	Methyl thiobutyrate
484.	5-Methyl-2-thiophenecarboxaldehyde
500.	2-(Methyl)thiophenol
485.	2-(Methylthio)phenol
526.	3-(Methylthio)propyl isothiocyanate
316.	Methyl 10-undecenoate
316.	Methyl undecylenate
557.	2-Methylvaleraldehyde
317.	Methyl valerate
318.	Myrcene
319.	Myristaldehyde
567.	Myrtenol
527.	2-Naphthalenethiol
527.	2-Naphthyl mercaptan
321.	Nerol
322.	Nerolidol
323.	Nitrous oxide
486.	(E,E)-2,4-Nonadienal
547.	(2E,6Z)-2,6-Nonadienal
324.	g-Nonalactone
325.	Nonanal
599.	1,9-Nonanedithiol
326.	Nonanoic acid
329.	1-Nonanol
528.	2-Nonanol
327.	2-Nonanone
568.	3-Nonanone
487.	(E)-2-Nonenal
575.	(Z)-6-Nonen-1-ol
328.	Nonyl acetate
325.	Nonyl aldehyde
611.	b-Ocimene
340.	9-Octadecenoic acid
330.	Octanal
600.	1,8-Octanedithiol

<u>No.</u>	<u>Compound Description</u>
331.	Octanoic acid
332.	1-Octanol
333.	2-Octanol
627.	3-Octanol
334.	2-Octanone
335.	3-Octanone
488.	2-Octenal
576.	(Z)-3-Octen-1-ol
665.	(Z)-5-Octen-1-ol
336.	1-Octen-3-ol
601.	(E)-2-Octen-1-yl acetate
337.	Octyl acetate
330.	Octyl aldehyde
338.	Octyl butyrate
339.	Octyl phenylacetate
340.	Oleic acid
173.	Oxirane
548.	3-Oxobutanal dimethyl acetal
647.	4-(3-Oxobutyl)phenyl acetate
260.	4-Oxopentanoic acid
341.	Palmitic acid
325.	Pelargonaldehyde
326.	Pelargonic acid
666.	2-Pentadecanone
440.	Pentanal
342.	2,3-Pentanedione
441.	Pentanoic acid
22.	1-Pentanol
529.	2-Pentanol
343.	2-Pentanone
489.	2-Pentenal
344.	4-Pentenoic acid
628.	1-Penten-3-ol
549.	1-Penten-3-one
558.	3-Penten-2-one
27.	Pentyl formate
530.	2-Pentylfuran
29.	Pentyl heptanoate
30.	Pentyl hexanoate
34.	Pentyl octanoate
550.	2-Pentylpyridine
622.	Perillaldehyde
345.	Phenethyl acetate
346.	Phenethyl alcohol
347.	Phenethyl benzoate
491.	Phenethyl caproate
352.	Phenethyl isovalerate
348.	Phenethyl phenylacetate
349.	Phenethyl propionate
350.	Phenethyl salicylate
351.	Phenethyl tiglate
492.	Phenol
353.	Phenoxyacetic acid
354.	2-Phenoxyethyl 2-methylpropanoate
355.	Phenylacetaldehyde
356.	Phenylacetic acid
493.	2-Phenyl-2-butenal
357.	4-Phenyl-3-buten-2-ol
358.	(E)-4-Phenyl-3-buten-2-one
494.	Phenyl disulfide
282.	1-Phenylethanol
346.	2-Phenylethanol
281.	1-Phenylethyl acetate
345.	2-Phenylethyl acetate
347.	2-Phenylethyl benzoate
283.	1-Phenylethyl butanoate
491.	2-Phenylethyl hexanoate
350.	2-Phenylethyl 2-hydroxybenzoate
352.	2-Phenylethyl 3-methylbutanoate
351.	2-Phenylethyl (E)-2-methyl-2-butenanoate
348.	2-Phenylethyl phenylacetate
284.	1-Phenylethyl propionate
349.	2-Phenylethyl propionate
398.	1-Phenyl-2-pentanol

<u>No.</u>	<u>Compound Description</u>
641.	5-Phenyl-1-pentanol
531.	3-Phenyl-4-pentenal
495.	1-Phenyl-1,2-propanedione
360.	1-Phenyl-1-propanol
310.	2-Phenyl-1-propanol
361.	3-Phenyl-1-propanol
577.	1-Phenyl-1-propanone
112.	3-Phenylpropenoic acid
114.	3-Phenyl-2-propen-1-ol
362.	2-Phenylpropionaldehyde
363.	3-Phenylpropionaldehyde
364.	3-Phenylpropionic acid
365.	3-Phenylpropyl acetate
367.	3-Phenylpropyl formate
368.	3-Phenylpropyl 3-methylbutanoate
366.	3-Phenylpropyl 2-methylpropanoate
472.	4-Phenyltoluene
369.	a-Pinene
370.	b-Pinene
371.	Piperidine
372.	a-Piperitone
373.	Piperonal
374.	Piperonyl acetate
293.	Piperonyl acetone
375.	Piperonyl isobutyrate
643.	Prenal
644.	Prenol
377.	Propanal
391.	1,2-Propanediol
629.	1,3-Propanedithiol
602.	1-Propanethiol
222.	1,2,3-Propanetriol
381.	1-Propanol
382.	2-Propanol
533.	2-Propanone
14.	2-Propene-1-thiol
40.	(E)-4-(1-Propenyl)anisole
376.	Propenyl guaethol
377.	Propionaldehyde
577.	Propionylbenzene
577.	Propiophenone
378.	Propyl acetate
381.	Propyl alcohol
383.	4-Propylanisole
384.	Propyl benzoate
386.	Propyl butyrate
395.	Propyl caproate
496.	Propyl disulfide
394.	Propyl enanthate
391.	Propylene glycol
392.	Propyl formate
394.	Propyl heptanoate
395.	Propyl hexanoate
397.	Propyl 4-hydroxybenzoate
388.	Propyl isobutyrate
402.	Propyl isovalerate
602.	Propyl mercaptan
402.	Propyl 3-methylbutanoate
388.	Propyl 2-methylpropanoate
398.	a-Propylphenethyl alcohol
603.	2-Propylphenol
645.	4-Propylphenol
399.	Propyl phenylacetate
401.	Propyl propionate
405.	Pulegone
407.	Pyridine
551.	Pyrrrole
604.	Pyrrolidine
578.	Quinoline
630.	Resorcinol
151.	Resorcinol dimethyl ether
409.	Rhodinol
410.	Rhodinyl formate
412.	Rhodinyl isovalerate

No. Compound Description

411.	Rhodinyl propionate
499.	Rose oxide
413.	Santalyl acetate
473.	Seneciolic acid
414.	Skatole
563.	Sorbic aldehyde
498.	Styrene
415.	Sulfur dioxide
451.	Syringol
623.	a-Terpinene
624.	g-Terpinene
106.	4-Terpinenol
416.	a-Terpineol
417.	Terpinolene
418.	a-Terpinyl acetate
419.	a-Terpinyl formate
420.	a-Terpinyl isovalerate
319.	Tetradecanal
319.	Tetradecyl aldehyde
421.	Tetrahydrofurfuryl alcohol
154.	Tetrahydrogeraniol
422.	Tetrahydrolinalool
604.	Tetrahydropyrrole
513.	Tetrahydrothiophen-3-one
254.	4-(2,5,6,6-Tetramethyl-2-cyclohexen-1-yl)-3-buten-2-one
579.	3a,6,6,9a-Tetramethyldodecahydronaphtho[2,1-b]furan
639.	Thiazole
500.	o-Thiocresol
470.	Thiolactic acid
640.	Thiophenol
424.	Thymol
635.	Tiglic acid
426.	m-Tolualdehyde
425.	o-Tolualdehyde
427.	p-Tolualdehyde
428.	Tolualdehydes (mixed o,m,p)
500.	o-Toluenethiol
429.	p-Tolyl acetate
667.	p-Tolyl caprylate
430.	p-Tolyl isobutyrate
431.	p-Tolyl phenylacetate
432.	2-(p-Tolyl)propionaldehyde
4.	Triacetin
433.	Tributyl acetylcitrate
100.	Tributylin
552.	2-Tridecanone

No. Compound Description

434.	2-Tridecenal
435.	Triethyl citrate
435.	Triethyl 2-hydroxy-1,2,3-propanetricarboxylate
501.	Trimethylamine
62.	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-ol, endo-
63.	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-ol, exo-
208.	1,3,3-Trimethylbicyclo[2.2.1]heptan-2-one
103.	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one
369.	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene
580.	2,2,6-Trimethylcyclohexanone
581.	2,6,6-Trimethyl-1-cyclohexen-1-acetaldehyde
620.	3,5,5-Trimethyl-2-cyclohexen-1-one
253.	4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-one
252.	4-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-3-buten-2-one
12.	1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-1,6-heptadien-3-one
298.	1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-1-penten-3-one
206.	(E,E)-3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol
322.	3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol
207.	3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol
605.	3,5,5-Trimethylhexanal
532.	3,5,5-Trimethyl-1-hexanol
502.	2,3,5-Trimethylpyrazine
101.	1,3,7-Trimethylxanthine
436.	Undecanal
503.	Undecanoic acid
439.	1-Undecanol
504.	2-Undecanol
437.	2-Undecanone
438.	10-Undecenal
505.	10-Undecenoic acid
505.	Undecylenic acid
438.	Undecylenic aldehyde
436.	Undecylic aldehyde
440.	Valeraldehyde
441.	Valeric acid
442.	g-Valerolactone
443.	Vanillin
444.	Vanillin acetate
445.	Veratraldehyde
498.	Vinylbenzene
631.	2,5-Xylenol
506.	2,6-Xylenol
632.	3,4-Xylenol