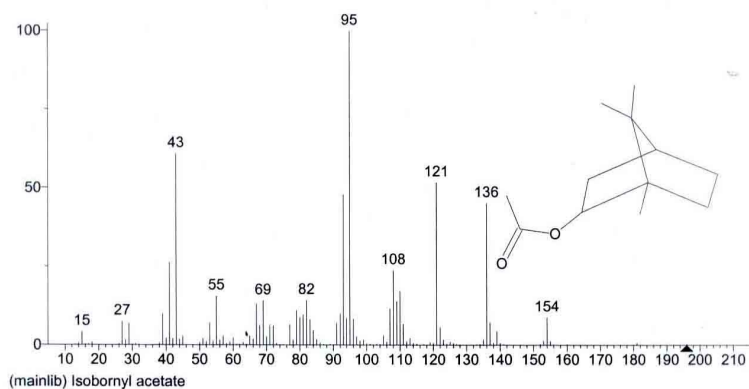
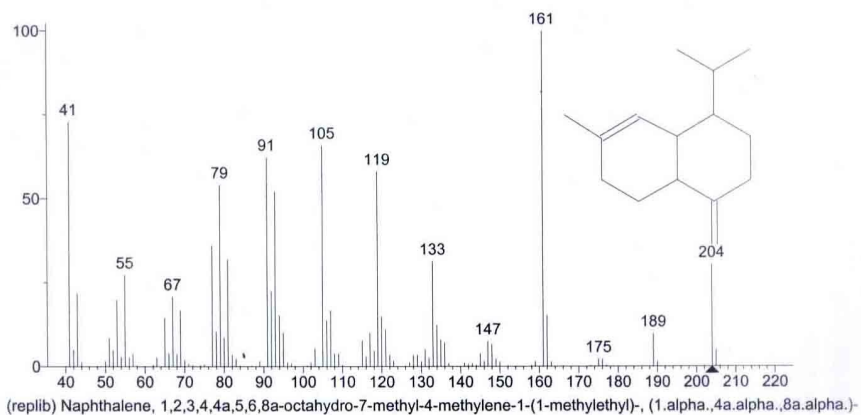


## Appendix I

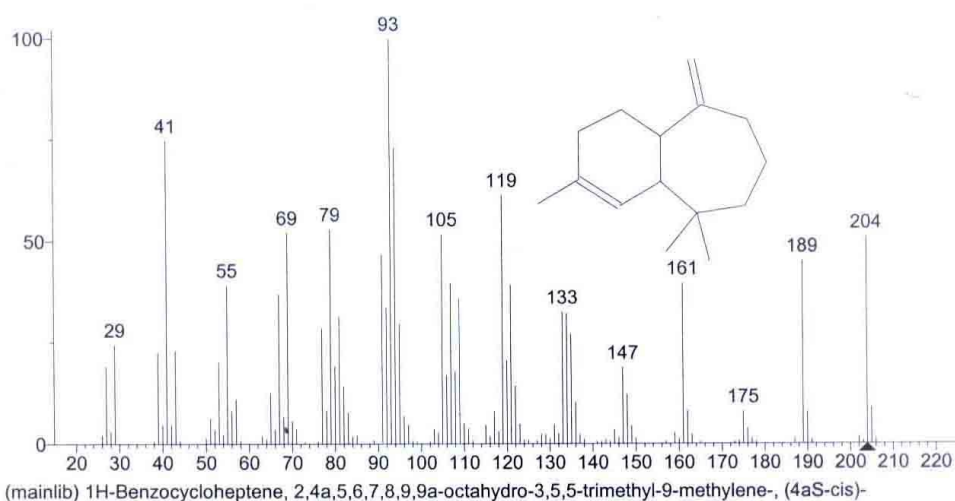
### Mass spectra of some volatile oil constituents of *E. jambolana*



Name: Isobornyl acetate  
 Formula:  $C_{12}H_{20}O_2$   
 MW: 196 CAS#: 125-12-2 NIST#: 232656 ID#: 41047 DB: mainlib  
 Other DBs: TSCA, NIH, EINECS, IRDB  
 Contributor: Japan AIST/NIMC Database- Spectrum MS-NW-3941  
 Synonyms:  
 1. Bicyclo[2.2.1]heptan-2-ol, 1,7,7-trimethyl-, acetate, exo-  
 2. Isoborneol, acetate  
 3. Acetic acid, isobornyl ester  
 4. Pictosin  
 5. Pictosine



Name: Naphthalene, 1,2,3,4,4a,5,6,8a-octahydro-7-methyl-4-methylene-1-(1-methylethyl)-, (1.alpha.,4a.alpha.,8a.alpha.)-  
 Formula:  $C_{15}H_{24}$   
 MW: 204 CAS#: 30021-74-0 NIST#: 141032 ID#: 16322 DB: replib  
 Other DBs: None  
 Contributor: Mark Whitten, Florida Museum of Natural History, U. of Florida  
 Synonyms:  
 1. gamma-Murolene



Name: 1H-Benzocycloheptene, 2,4a,5,6,7,8,9a-octahydro-3,5,5-trimethyl-9-methylene-, (4aS-cis)-

Formula: C<sub>15</sub>H<sub>24</sub>

MW: 204 CAS#: 3853-83-6 NIST#: 152248 ID#: 39866 DB: mainlib

Other DBs: None

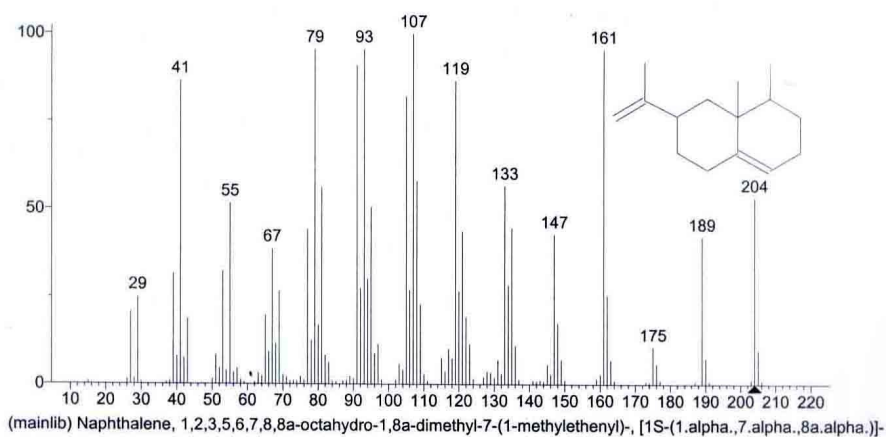
Contributor: Chemical Concepts

Synonyms:

1. 1H-Benzocycloheptene, 2,4a.alpha.,5,6,7,8,9a.alpha.-octahydro-3,5,5-trimethyl-9-methylene-

2. .alpha.-Himachalene

3. 1H-Benzocycloheptene, 2,4a,5,6,7,8,9a-octahydro-3,5,5-trimethyl-9-methylene-, cis-



Name: Naphthalene, 1,2,3,5,6,7,8,8a-octahydro-1,8a-dimethyl-7-(1-methylethenyl)-, [1S-(1.alpha.,7.alpha.,8a.alpha.)]-

Formula: C<sub>15</sub>H<sub>24</sub>

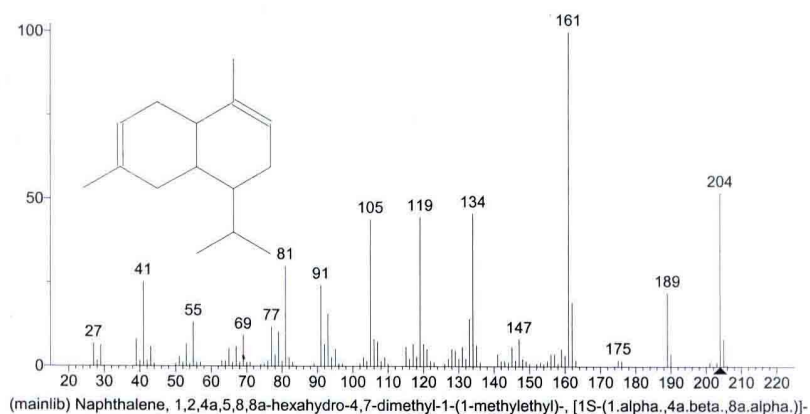
MW: 204 CAS#: 10219-75-7 NIST#: 9235 ID#: 48235 DB: mainlib

Other DBs: None

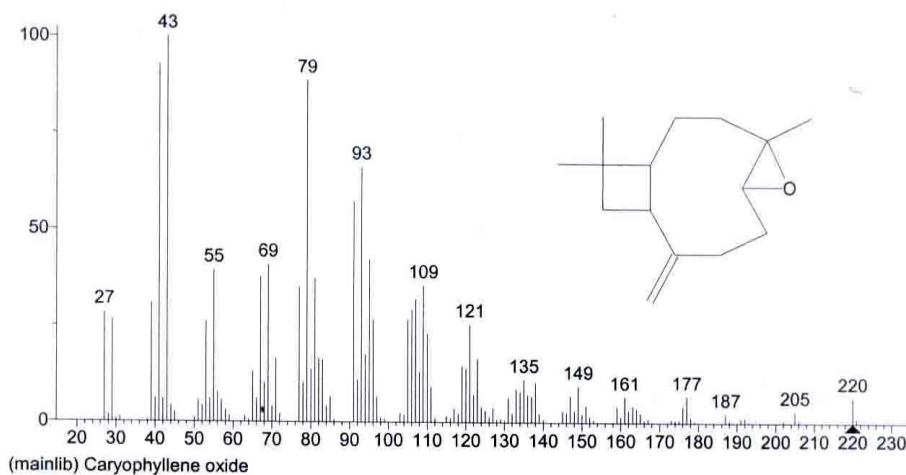
Synonyms:

1. Eremophila-1(10),11-diene

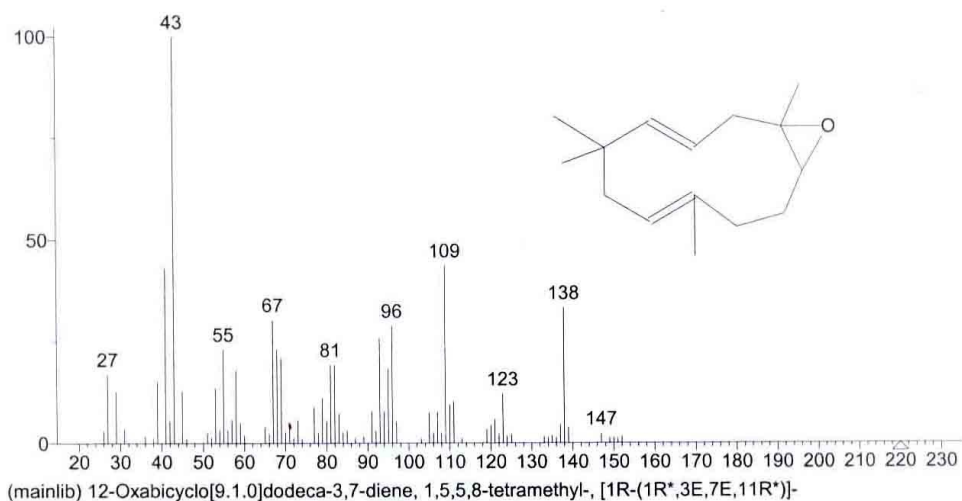
2. Eremophilene



Name: Naphthalene, 1,2,4a,5,8,8a-hexahydro-4,7-dimethyl-1-(1-methylethyl)-, [1S-(1.alpha.,4a.beta.,8a.alpha.)]-  
 Formula: C<sub>15</sub>H<sub>24</sub>  
 MW: 204 CAS#: 523-47-7 NIST#: 22553 ID#: 71251 DB: mainlib  
 Other DBs: NIH  
 Synonyms:  
 1.Cadina-3,9-diene  
 2..beta.-Cadinene, (-)-  
 3.(-)-.beta.-Cadinene  
 4.Cadine-3,9-diene  
 5.Cadinene  
 6.Naphthalene, 1,2,4a,5,8,8a-hexahydro-4,7-dimethyl-1-(1-methylethyl)-  
 7.NCI-C56008



Name: Caryophyllene oxide  
 Formula: C<sub>15</sub>H<sub>24</sub>O  
 MW: 220 CAS#: N/A NIST#: 156329 ID#: 4472 DB: mainlib  
 Other DBs: None  
 Contributor: Chemical Concepts  
 Synonyms:  
 no synonyms.



Name: 12-Oxabicyclo[9.1.0]dodeca-3,7-diene, 1,5,5,8-tetramethyl-, [1R-(1R\*,3E,7E,11R\*)]-

Formula: C<sub>15</sub>H<sub>24</sub>O

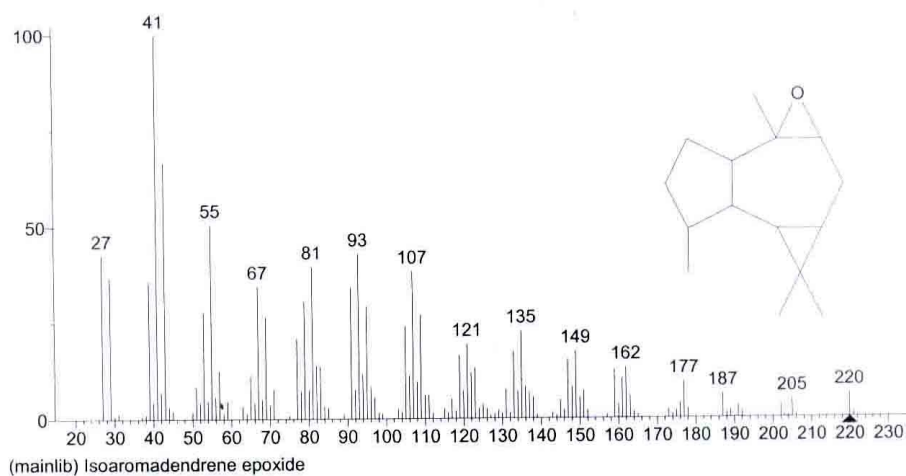
MW: 220 CAS#: 19888-34-7 NIST#: 107003 ID#: 7939 DB: mainlib

Other DBs: None

Contributor: N.W. Davies, Centr. Sci. Lab., Univ. Tasmania, Hobart, Australia

Synonyms:

no synonyms.



Name: Isoaromadendrene epoxide

Formula: C<sub>15</sub>H<sub>24</sub>O

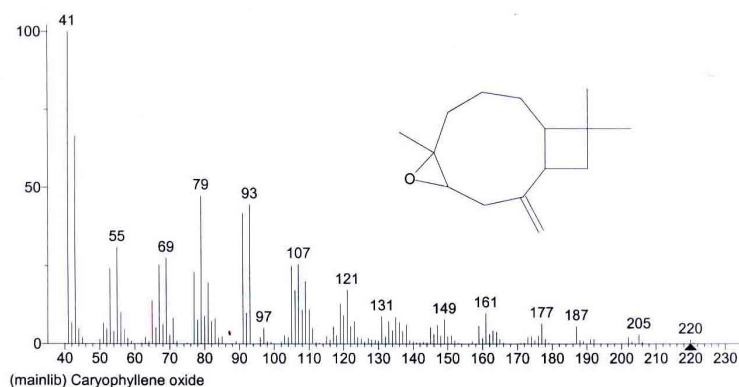
MW: 220 CAS#: N/A NIST#: 159366 ID#: 1700 DB: mainlib

Other DBs: None

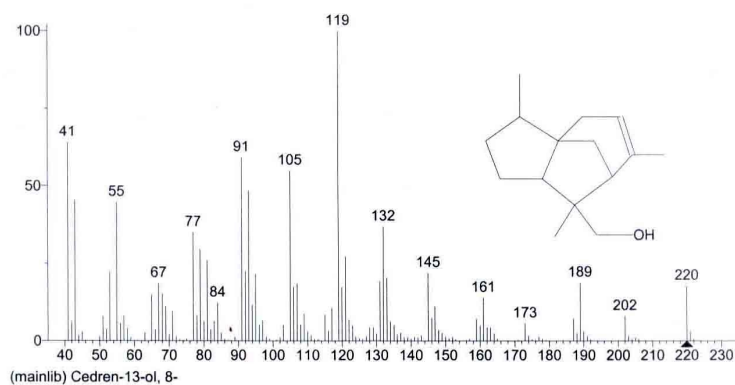
Contributor: Chemical Concepts

Synonyms:

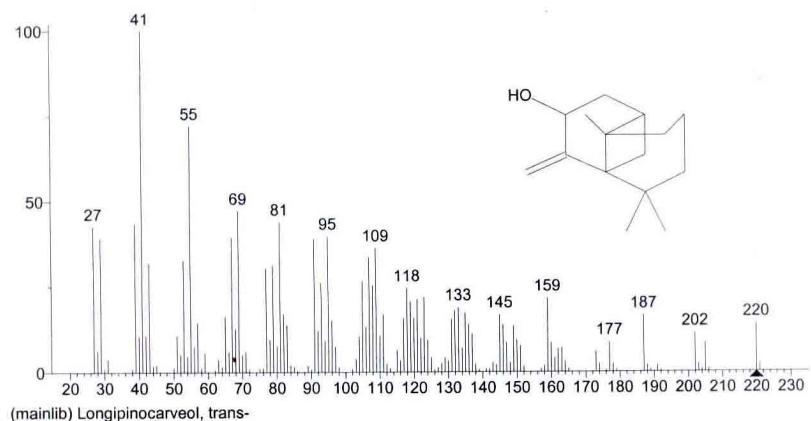
no synonyms.



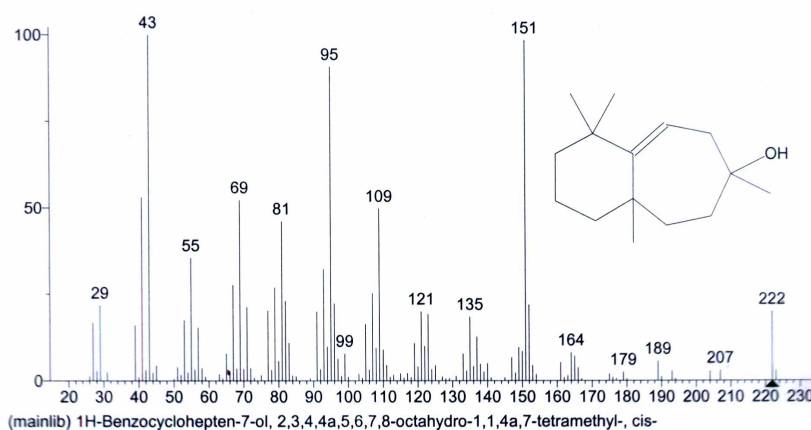
Name: Caryophyllene oxide  
 Formula:  $C_{15}H_{24}O$   
 MW: 220 CAS#: 1139-30-6 NIST#: 141022 ID#: 1801 DB: mainlib  
 Other DBs: Fine, TSCA, RTECS, EINECS  
 Contributor: Mark Whitten, Florida Museum of Natural History, U. of Florida  
 Synonyms:  
 1.5-Oxatricyclo[8.2.0.0(4,6)]dodecane, 4,12,12-trimethyl-9-methylene-, [1R-(1R\*,4R\*,6R\*,10S\*)]-  
 2.5-Oxatricyclo[8.2.0.0(sup 4,6)]dodecane, 4,12,12-trimethyl-9-methylene-, (1R,4R,6R,10S)-  
 3.Caryophyllene oxide  
 4.Caryophyllene epoxide  
 5.-)-.beta.-Caryophyllene epoxide  
 6..beta.-Caryophyllene oxide  
 7.Epoxycaryophyllene  
 8.-)-Epoxydihydrocaryophyllene  
 9.4,11,11-Trimethyl-8-methylene-5-oxatricyclo[8.2.0.0(4,6)]dodecane  
 10.-)-5-Oxatricyclo[8.2.0.0(4,6)]dodecane,,12-trimethyl-9-methylene-, [1R-(1R\*,4R\*,6R\*,10S\*)]-



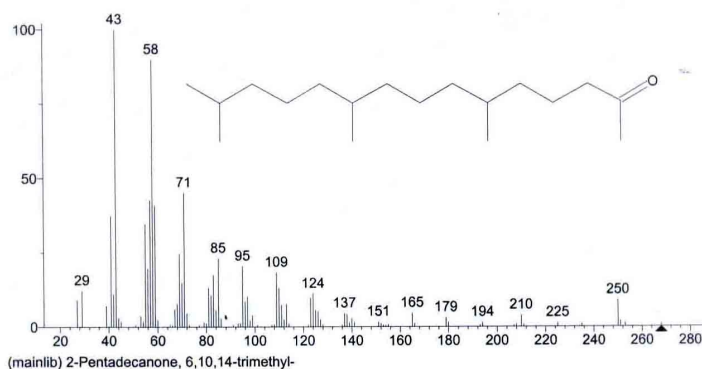
Name: Cedren-13-ol, 8-  
 Formula:  $C_{15}H_{24}O$   
 MW: 220 CAS#: 18319-35-2 NIST#: 141107 ID#: 53090 DB: mainlib  
 Other DBs: None  
 Contributor: Mark Whitten, Florida Museum of Natural History, U. of Florida  
 Synonyms:  
 no synonyms.



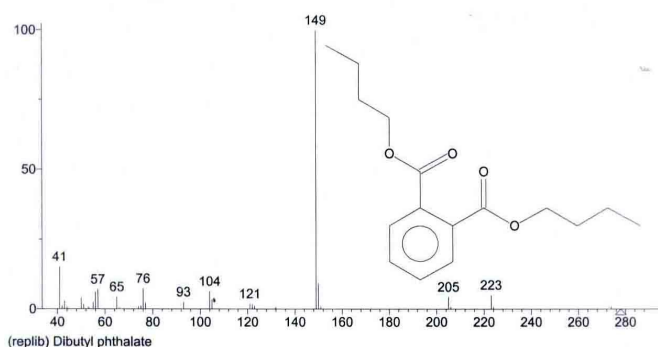
Name: Longipinocarveol, trans-  
 Formula: C<sub>15</sub>H<sub>24</sub>O  
 MW: 220 CAS#: N/A NIST#: 159365 ID#: 2070 DB: mainlib  
 Other DBs: None  
 Contributor: Chemical Concepts  
 Synonyms:  
 no synonyms.



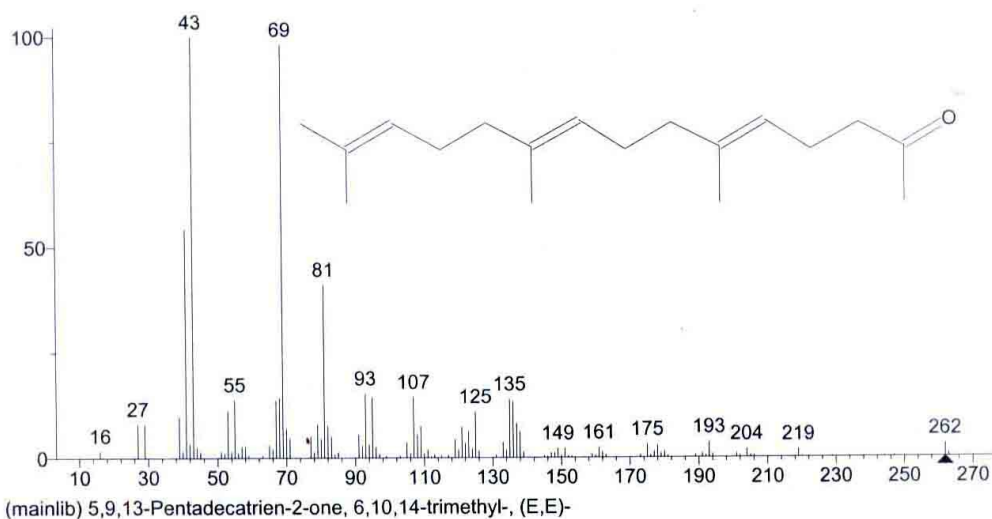
Name: 1H-Benzocyclohepten-7-ol, 2,3,4,4a,5,6,7,8-octahydro-1,1,4a,7-tetramethyl-, cis-  
 Formula: C<sub>15</sub>H<sub>26</sub>O  
 MW: 222 CAS#: 6892-80-4 NIST#: 156976 ID#: 8952 DB: mainlib  
 Other DBs: None  
 Contributor: Chemical Concepts  
 Synonyms:  
 1.1H-Benzocyclohepten-7-ol, 2,3,4,4a,5,6,7,8-octahydro-1,1,4a.alpha.,7.beta.-tetramethyl-  
 2.Widdrol



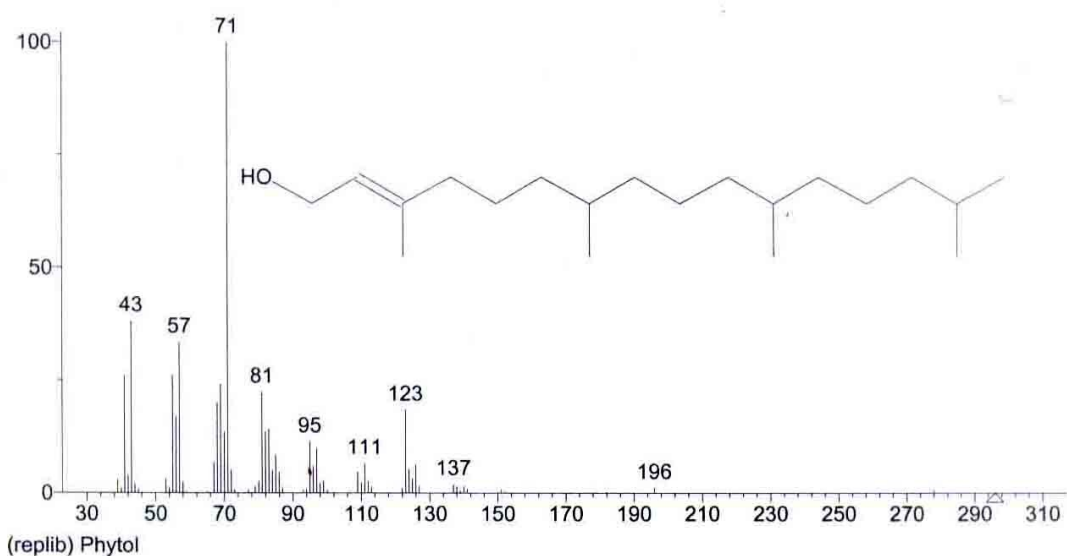
Name: 2-Pentadecanone, 6,10,14-trimethyl-  
 Formula:  $C_{18}H_{36}O$   
 MW: 268 CAS#: 502-69-2 NIST#: 12976 ID#: 5795 DB: mainlib  
 Other DBs: TSCA, EINECS  
 Contributor: STC 0011  
 Synonyms:  
 1.Hexahydrofarnesyl acetone  
 2.6,10,14-Trimethyl-2-pentadecanone



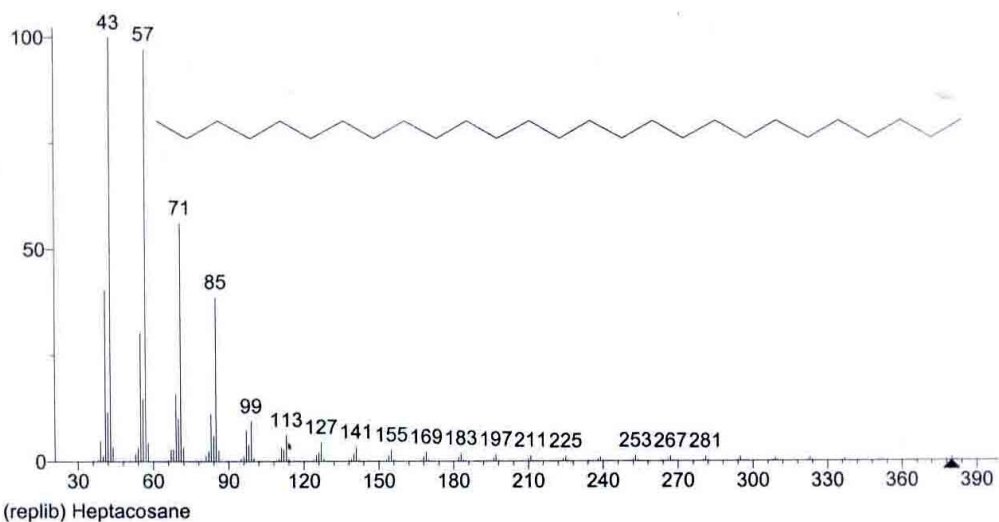
Name: Dibutyl phthalate  
 Formula:  $C_{16}H_{22}O_4$   
 MW: 278 CAS#: 84-74-2 NIST#: 23125 ID#: 15546 DB: replib  
 Other DBs: Fine, TSCA, RTECS, EPA, HODOC, NIH, EINECS, IRDB  
 Contributor: E.M.EMERY COLGATE-PALMOLIVE CO., JERSEY CITY, N.J., USA  
 Synonyms:  
 1.1,2-Benzenedicarboxylic acid, dibutyl ester  
 2.Phthalic acid, dibutyl ester  
 3.n-Butyl phthalate  
 4.Butyl phthalate  
 5.Celluflex DPB  
 6.Elaol  
 7.Genoplast B  
 8.Hexaplas M/B  
 9.Palatinol C  
 10.Polycizer DBP  
 11.PX 104  
 12.Stafflex DBP  
 13.Unimoll DB  
 14.Wiltcizer 300  
 15.Benzene-o-dicarboxylic acid, di-n-butyl ester  
 16.Butyl ester  
 17.o-Benzenedicarboxylic acid, dibutyl ester  
 18.Dibutyl-1,2-benzenedicarboxylate  
 19.di-n-Butyl phthalate  
 20.Dibutyl phthalate  
 21.Phthalic acid di-n-butyl ester  
 22.Benzene-o-dicarboxylic acid, di-n-butyl ester  
 23.Dibutyl o-phthalate  
 24.DBP  
 25.RCRA waste number U069  
 26.Dibutyl ester of 1,2-benzenedicarboxylic acid  
 27.Dibutyl 1,2-benzenedicarboxylate



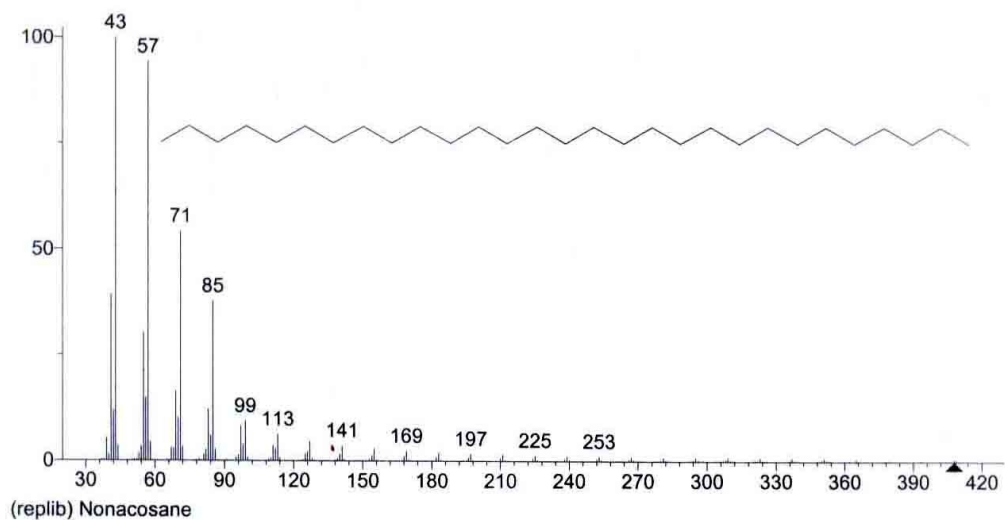
Name: 5,9,13-Pentadecatrien-2-one, 6,10,14-trimethyl-, (E,E)-  
 Formula:  $C_{18}H_{30}O$   
 MW: 262 CAS#: 1117-52-8 NIST#: 12701 ID#: 6078 DB: mainlib  
 Other DBs: Fine, TSCA, EINECS  
 Contributor: STC 0010  
 Synonyms:  
 1.Farnesyl acetone



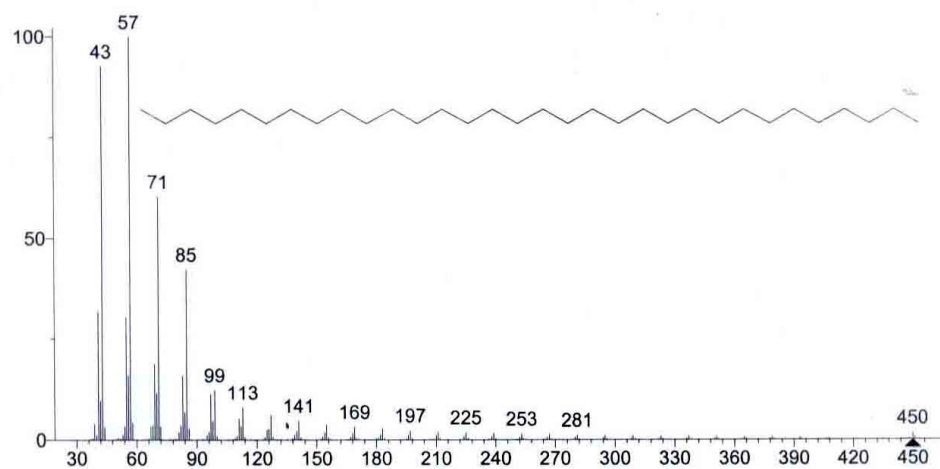
Name: Phytol  
 Formula:  $C_{20}H_{40}O$   
 MW: 296 CAS#: 150-86-7 NIST#: 108727 ID#: 6659 DB: replib  
 Other DBs: Fine, TSCA, RTECS, HODOC, EINECS  
 Contributor: Philip Morris R&D  
 Synonyms:  
 1.2-Hexadecen-1-ol, 3,7,11,15-tetramethyl-, [R-[R\*,R\*-(E)]]-  
 2.trans-Phytol  
 3.3,7,11,15-Tetramethyl-2-hexadecen-1-ol



Name: Heptacosane  
 Formula:  $C_{27}H_{56}$   
 MW: 380 CAS#: 593-49-7 NIST#: 16600 ID#: 1757 DB: replib  
 Other DBs: Fine, EPA, HODOC, EINECS  
 Synonyms:  
 1.n-Heptacosane



Name: Nonacosane  
 Formula:  $C_{29}H_{60}$   
 MW: 408 CAS#: 630-03-5 NIST#: 17123 ID#: 1735 DB: replib  
 Other DBs: Fine, TSCA, HODOC, EINECS  
 Synonyms:  
 1.n-Nonacosane



(replib) Dotriacontane

Name: Dotriacontane

Formula:  $C_{32}H_{66}$

MW: 450 CAS#: 544-85-4 NIST#: 17692 ID#: 4465 DB: replib

Other DBs: Fine, TSCA, RTECS, HODOC, NIH, EINECS

Synonyms:

1.n-Dotriacontane

2.Bicetyl