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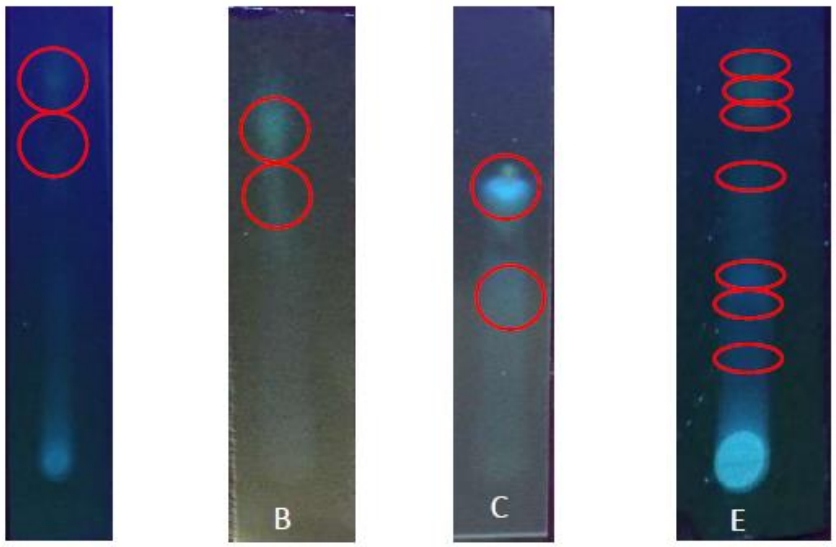
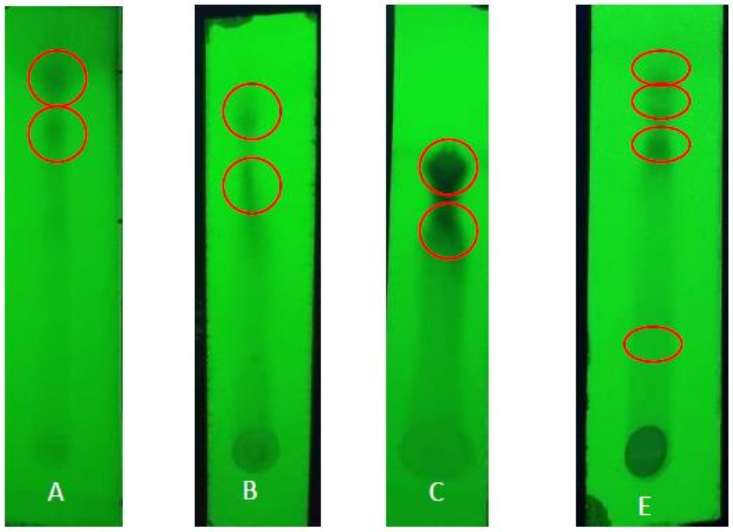
# LAMPIRAN

## 1. Hasil Kromatografi Lapis Tipis (KLT)




**Lampiran Gambar 1.** Hasil KLT Fraksi sampel dibawa UV 366 nm : A (senyawa polar); B (Seyawa Semipolar); C (Senyawa Non-polar) dab E (Ekstrak kental)




**Lampiran Gambar 2.** Hasil KLT Fraksi sampel dibawa UV 254 nm: A (senyawa polar); B (Seyawa Semipolar); C (Senyawa Non-polar) dan E (Ekstrak kental)

## 2. Hasil Kromatografi Lapis Tipis (KLT) Penampak Bercak

**Lampiran Tabel 1.** Hasil KLT Penampak Bercak Ekstrak kental Bawang Merah

| Reagen | Rf | Warna Bercak | Warna hasil penyemprot | Keterangan | Gambar |
|---|---|---|---|---|---|
| **Dragendorf** | 0,80 | Noda Berwarna kuning | Coklat muda | - |  |
| | 0,63 | | Kuning | + Alkalod | |
| **Liebermen-Burchard** | 0,81 | Warna hijau kebiruan dibawah UV 366 nm | Biru muda | + Triterpen |  |
| | 0,78 | | Hijau kebiruan | + Steroid | |
| | 0,28 | | Biru muda | + Triterpen | |
| **Aluminium Kloroda** | 0,75 | Noda Berwarna kuning | Kuning | + Flavonoid |  |
| **Besi (III) Klorida** | 0,83 | Warna biru | Biru | + Fenol |  |
| | 0,78 | | Hijau | - | |

**Lampiran Tabel 2.** Hasil KLT Penampak Bercak Fraksi Polar Bawang Merah

| Reagen | Rf | Warna Bercak | Warna hasil penyemprot | Keterangan | Gambar |
|---|---|---|---|---|---|
| **Dragendorf** | 0,93 | Noda Berwarna kuning | Coklat tua | - |  |
| | 0,87 | | Kuning | + Alkalod | |
| **Liebermen-Burchard** | 0,87 | Warna hijau kebiruan dibawah UV 366 nm | Biru muda | + Triterpen |  |
| | 0,82 | | Hijau kebiruan | + Steroid | |
| | 0,32 | | Biru muda | + Triterpen | |
| **Aluminium Klorida** | 0,85 | Noda Berwarna kuning | Coklat | + |  |
| | 0,78 | | Kuning | + Flavonoid | |
| **Besi (III) Klorida** | 0,90 | Warna biru | Biru | + Fenol |  |
| | 0,86 | | Hijau | - | |
| | 0,32 | | Biru | + Fenol | |
| | 0,28 | | Hijau | - | |

**Lampiran Tabel 3**. Hasil KLT Penampak Bercak Fraksi Semi Polar Bawang Merah

| Reagen | Rf | WarnaBercak | Warna hasil penyemprot | Keterangan | Gambar |
|---|---|---|---|---|---|
| **Dragendorf** | 0,9 | Noda Berwarna kuning | Kuning pucat | + Alkalod |  |
| | 0,86 | | Kuning pucat | + Alkalod | |
| | 0,89 | | Biru muda | + Triterpen | |

| | | | | | |
|---|---|---|---|---|---|
| **Liebermen-Burchard** | 0,82 | Warna hijau kebiruan dibawah UV 366 nm | Hijau kebiruan | + Steroid |  |
| **Aluminium Kloroda** | 0,83 | Noda Berwarna kuning | Kuning pucat | + Flavonoid |  |
| **Besi(III) Klorida** | 0,90 | Warna biru | Biru | + Fenol |  |
| | 0,33 | | Biru | + Feno | |

**Lampiran Tabel 4.** Hasil KLT Penampak Bercak Fraksi Non Polar Bawang Merah

| Reagen | Rf | Warna Bercak | Warna hasil penyemprot | Keterangan | Gambar |
|---|---|---|---|---|---|
| **Dragendorf** | 0,81 | Noda Berwarna kuning | Kuning pucat | + Alkalod |  |
| **Liebermen-Burchard** | 0,35 | Warna hijau kebiruan dibawah UV 366 nm | Hijau kebiruan | + Steroid |  |
| **Aluminium Kloroda** | 0,80 | Noda Berwarna kuning | Kuning pucat | + Flavonoid |  |

| | | | | | |
|---|---|---|---|---|---|
| **Besi(III) Klorida** | 0,80 | Warna biru | Biru | + Fenol |  |

## 3. KLT Autobiografi

### a. Hasil Uji KLT Bioautografi

**Lampiran Tabel 5.** Hasil Uji KLT Bioautografi

| Sampel | MRSA | | | | *Salmonella typhi* | | | |
|---|---|---|---|---|---|---|---|---|
| | Diameter zona hambat (mm) | | | | Diameter zona hambat (mm) | | | |
| | 1 | 2 | 3 | rata-rata | 1 | 2 | 3 | rata-rata |
| **Ekstrak kental** | 17,02 | 15,02 | 18,33 | **16,79** | 31,2 | 31,68 | 31,61 | **31,50** |
| **Fraksi nonpolar** | 16,87 | 10,62 | 12,29 | **13,26** | 29,18 | 27,25 | 29,2 | **28,54** |
| **Fraksi semipolar** | 17,84 | 16,38 | 17,22 | **17,15** | 30,51 | 28,54 | 30 | **29,68** |
| **Fraksi polar** | 17,05 | 15,58 | 16,41 | **16,35** | 29,57 | 27,14 | 27,4 | **28,04** |
| **Rata-rata** | | | | **15,89** | | | | **29,44** |

### b. Analisis Data SPSS

**Lampiran Tabel 6.** Analisis Data *Oneway* Kelompok Sampel dan MRSA

**Descriptives**

MRSA

| | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Minimum | Maximum |
|---|---|---|---|---|---|---|---|---|
| | | | | | Lower Bound | Upper Bound | | |
| Ekstrak Kental | 3 | 16.7900 | 1.66694 | .96241 | 12.6491 | 20.9309 | 15.02 | 18.33 |
| Fraksi Nonpolar | 3 | 13.2600 | 3.23594 | 1.86827 | 5.2215 | 21.2985 | 10.62 | 16.87 |
| Fraksi Semipolar | 3 | 17.1467 | .73276 | .42306 | 15.3264 | 18.9669 | 16.38 | 17.84 |
| Fraksi Polar | 3 | 16.3467 | .73704 | .42553 | 14.5157 | 18.1776 | 15.58 | 17.05 |
| Total | 12 | 15.8858 | 2.28043 | .65830 | 14.4369 | 17.3348 | 10.62 | 18.33 |

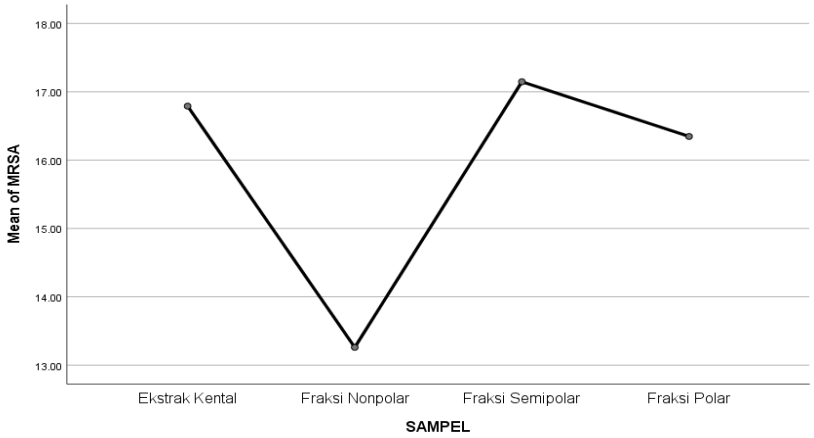
**Lampiran Tabel 7.** Uji Homogenitas Kelompok Sampel dan MRSA

**Test of Homogeneity of Variances**

| | | Levene Statistic | df1 | df2 | Sig. |
|---|---|---|---|---|---|
| MRSA | Based on Mean | 3.461 | 3 | 8 | .071 |
| | Based on Median | 1.003 | 3 | 8 | .440 |
| | Based on Median and with adjusted df | 1.003 | 3 | 3.068 | .497 |
| | Based on trimmed mean | 3.223 | 3 | 8 | .082 |

**Lampiran Tabel 8.** Analisis Variansi Kelompok Sampel dan MRSA

| ANOVA | | | | | |
|---|---|---|---|---|---|
| MRSA | | | | | |
| | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 28.544 | 3 | 9.515 | 2.656 | 0.120 |
| Within Groups | 28.660 | 8 | 3.583 | | |
| Total | 57.204 | 11 | | | |




**Lampiran Gambar 3.** Kurva Analisis Data Kelompok Sampel dan MRSA

**Lampiran Tabel 9.** Analisis Data Oneway Kelompok Sampel dan S. *typhi*

| Descriptives | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| *Salmonella typhi* | | | | | | | | |
| | | | | | 95% Confidence Interval for Mean | | | |
| | N | Mean | Std. Deviation | Std. Error | Lower Bound | Upper Bound | Minimum | Maximum |
| Ekstrak Kental | 3 | 31.4967 | .25929 | .14970 | 30.8525 | 32.1408 | 31.20 | 31.68 |
| Fraksi Nonpolar | 3 | 28.5433 | 1.12010 | .64669 | 25.7608 | 31.3258 | 27.25 | 29.20 |
| Fraksi Semipolar | 3 | 29.6833 | 1.02246 | .59032 | 27.1434 | 32.2233 | 28.54 | 30.51 |
| Fraksi Polar | 3 | 28.0367 | 1.33425 | .77033 | 24.7222 | 31.3511 | 27.14 | 29.57 |
| Total | 12 | 29.4400 | 1.63714 | .47260 | 28.3998 | 30.4802 | 27.14 | 31.68 |

**Lampiran Tabel 10.** Uji Homogenitas Kelompok Sampel dan S. *typhi*

| Test of Homogeneity of Variances | | | | | |
|---|---|---|---|---|---|
| | | Levene Statistic | df1 | df2 | Sig. |
| *Salmonella Typhi* | Based on Mean | 2.885 | 3 | 8 | .103 |
| | Based on Median | .297 | 3 | 8 | .827 |
| | Based on Median and with adjusted df | .297 | 3 | 5.513 | .827 |
| | Based on trimmed mean | 2.429 | 3 | 8 | .140 |

**Lampiran Tabel 11.** Analisis Variansi Kelompok Sampel dan S. *typhi*

| ANOVA | | | | | |
|---|---|---|---|---|---|
| *Salmonella Typhi* | | | | | |
| | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 21.187 | 3 | 7.062 | 6.811 | .014 |
| Within Groups | 8.295 | 8 | 1.037 | | |
| Total | 29.482 | 11 | | | |

**Lampiran Tabel 12.** Uji Post Hoc Kelompok Sampel dan S. *typhi*

**Multiple Comparisons**

Dependent Variable: Salmonella Typhi

| | (I) SAMPEL | (J) SAMPEL | Mean Difference (I-J) | Std. Error | Sig. | 95% Confidence Interval | |
|---|---|---|---|---|---|---|---|
| | | | | | | Lower Bound | Upper Bound |
| Tukey HSD | Ekstrak Kental | Fraksi Nonpolar | 2.95333* | .83142 | .031 | .2908 | 5.6158 |
| | | Fraksi Semipolar | 1.81333 | .83142 | .208 | -.8492 | 4.4758 |
| | | Fraksi Polar | 3.46000* | .83142 | .013 | .7975 | 6.1225 |
| | Fraksi Nonpolar | Ekstrak Kental | -2.95333* | .83142 | .031 | -5.6158 | -.2908 |
| | | Fraksi Semipolar | -1.14000 | .83142 | .549 | -3.8025 | 1.5225 |
| | | Fraksi Polar | .50667 | .83142 | .926 | -2.1558 | 3.1692 |
| | Fraksi Semipolar | Ekstrak Kental | -1.81333 | .83142 | .208 | -4.4758 | .8492 |
| | | Fraksi Nonpolar | 1.14000 | .83142 | .549 | -1.5225 | 3.8025 |
| | | Fraksi Polar | 1.64667 | .83142 | .271 | -1.0158 | 4.3092 |
| | Fraksi Polar | Ekstrak Kental | -3.46000* | .83142 | .013 | -6.1225 | -.7975 |
| | | Fraksi Nonpolar | -.50667 | .83142 | .926 | -3.1692 | 2.1558 |
| | | Fraksi Semipolar | -1.64667 | .83142 | .271 | -4.3092 | 1.0158 |
| LSD | Ekstrak Kental | Fraksi Nonpolar | 2.95333* | .83142 | .007 | 1.0361 | 4.8706 |
| | | Fraksi Semipolar | 1.81333 | .83142 | .041 | -.1039 | 3.7306 |
| | | Fraksi Polar | 3.46000* | .83142 | .003 | 1.5427 | 5.3773 |
| | Fraksi Nonpolar | Ekstrak Kental | -2.95333* | .83142 | .007 | -4.8706 | -1.0361 |
| | | Fraksi Semipolar | -1.14000 | .83142 | .208 | -3.0573 | .7773 |
| | | Fraksi Polar | .50667 | .83142 | .559 | -1.4106 | 2.4239 |
| | Fraksi Semipolar | Ekstrak Kental | -1.81333 | .83142 | .041 | -3.7306 | .1039 |
| | | Fraksi Nonpolar | 1.14000 | .83142 | .208 | -.7773 | 3.0573 |
| | | Fraksi Polar | 1.64667 | .83142 | .083 | -.2706 | 3.5639 |
| | Fraksi Polar | Ekstrak Kental | -3.46000* | .83142 | .003 | -5.3773 | -1.5427 |
| | | Fraksi Nonpolar | -.50667 | .83142 | .559 | -2.4239 | 1.4106 |
| | | Fraksi Semipolar | -1.64667 | .83142 | .083 | -3.5639 | .2706 |

*. The mean difference is significant at the 0.05 level.

## Homogeneous Subsets

**Salmonella Typhi**

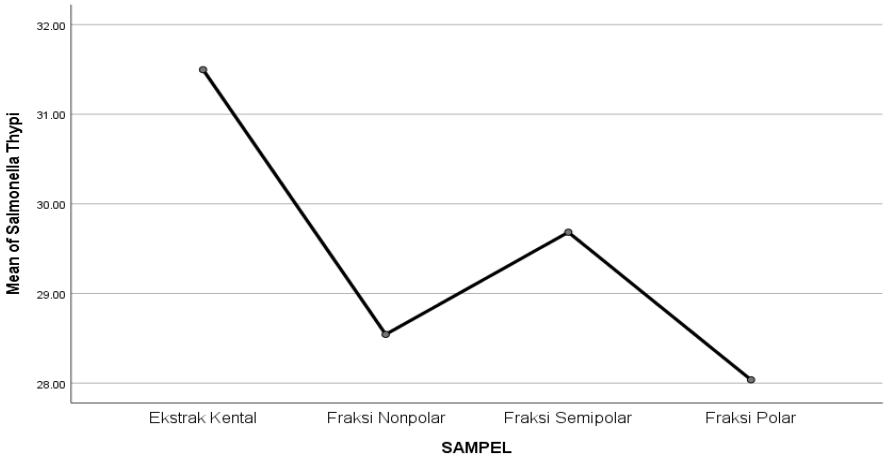
| | SAMPEL | N | Subset for alpha = 0.05 | |
|---|---|---|---|---|
| | | | 1 | 2 |
| Tukey HSD[a] | Fraksi Polar | 3 | 28.0367 | |
| | Fraksi Nonpolar | 3 | 28.5433 | |
| | Fraksi Semipolar | 3 | 29.6833 | 29.6833 |
| | Ekstrak Kental | 3 | | 31.4967 |
| | Sig. | | .271 | .208 |
| Duncan[a] | Fraksi Polar | 3 | 28.0367 | |
| | Fraksi Nonpolar | 3 | 28.5433 | |
| | Fraksi Semipolar | 3 | 29.6833 | 29.6833 |
| | Ekstrak Kental | 3 | | 31.4967 |
| | Sig. | | .094 | .061 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

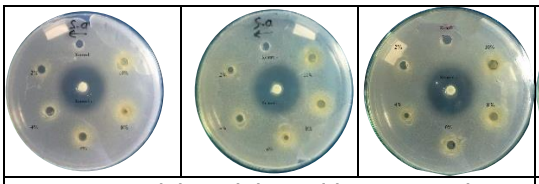
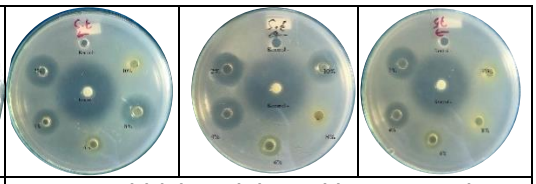
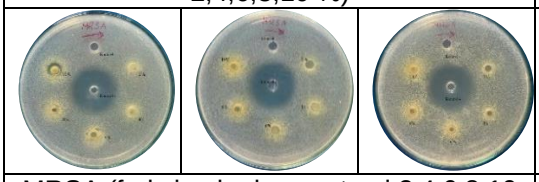
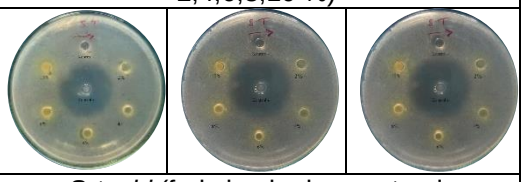
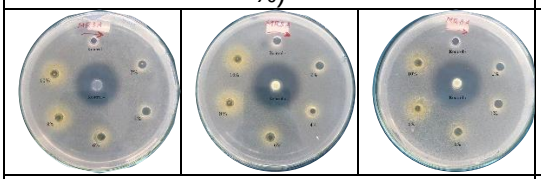
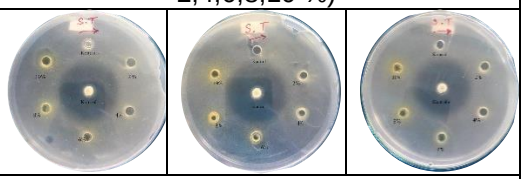
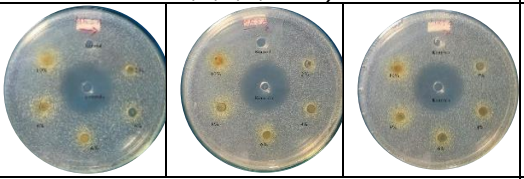
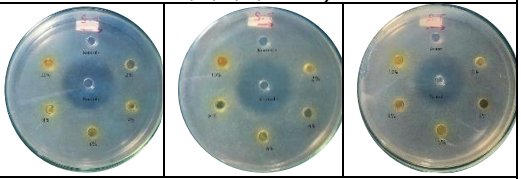
**Interpretasi:**

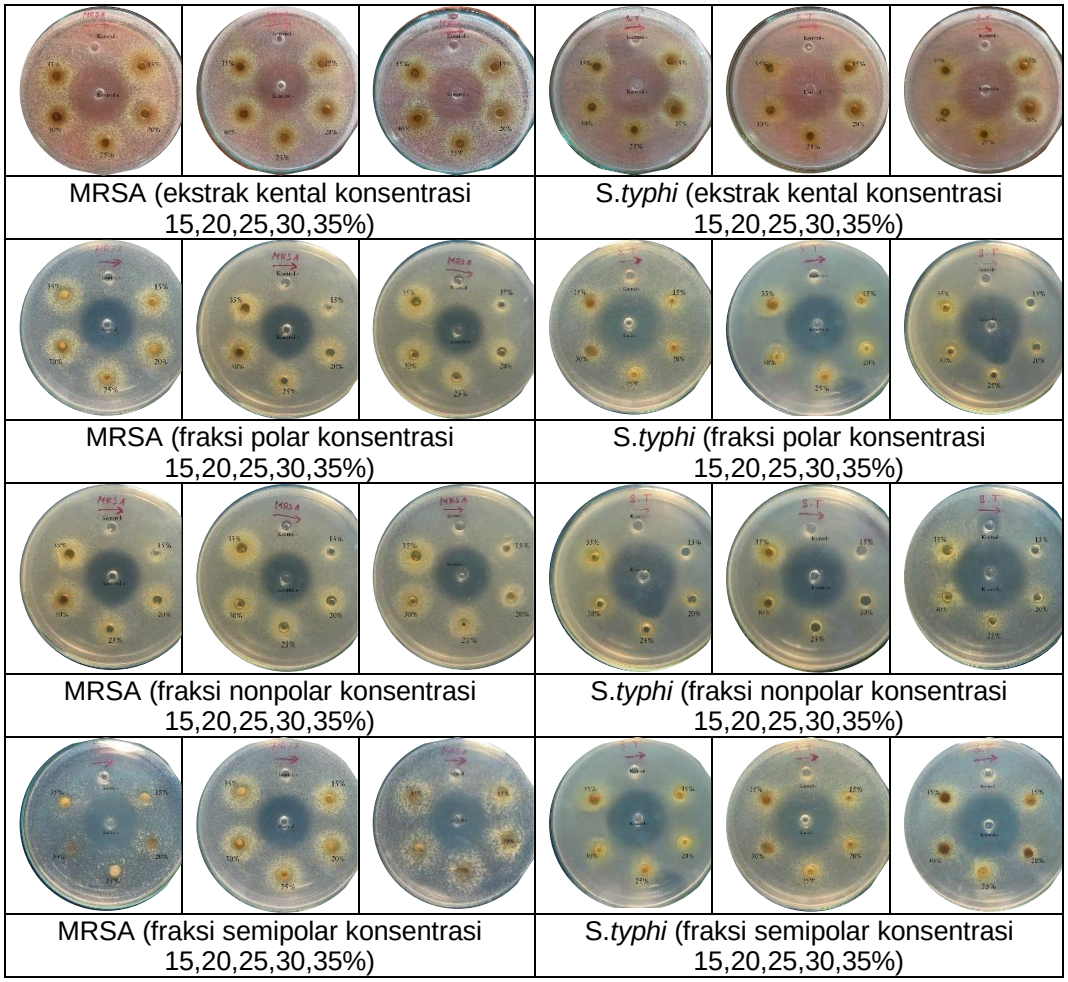
Ekstrak Kental[a]
Fraksi Nonpolar[a]
Fraksi Semipolar[a, b]
Fraksi Polar[b]




**Lampiran Gambar 4.** Kurva Analisis Data Kelompok Sampel dan S. *typhi*

## 4. Hasil Uji Antibakteri Senyawa Ekstrak Bawang Merah

| | |
|---|---|
|  MRSA (ekstrak kental konsentrasi 2,4,6,8,10 %) |  S.*typhi* (ekstrak kental konsentrasi 2,4,6,8,10 %) |
|  MRSA (fraksi polar konsentrasi 2,4,6,8,10 %) |  S.*typhi* (fraksi polar konsentrasi 2,4,6,8,10 %) |
|  MRSA (fraksi nonpolar konsentrasi 2,4,6,8,10 %) |  S.*typhi* (fraksi nonpolar konsentrasi 2,4,6,8,10 %) |
|  MRSA (fraksi semipolar konsentrasi 2,4,6,8,10 %) |  S.*typhi* (fraksi semipolar konsentrasi 2,4,6,8,10 %) |



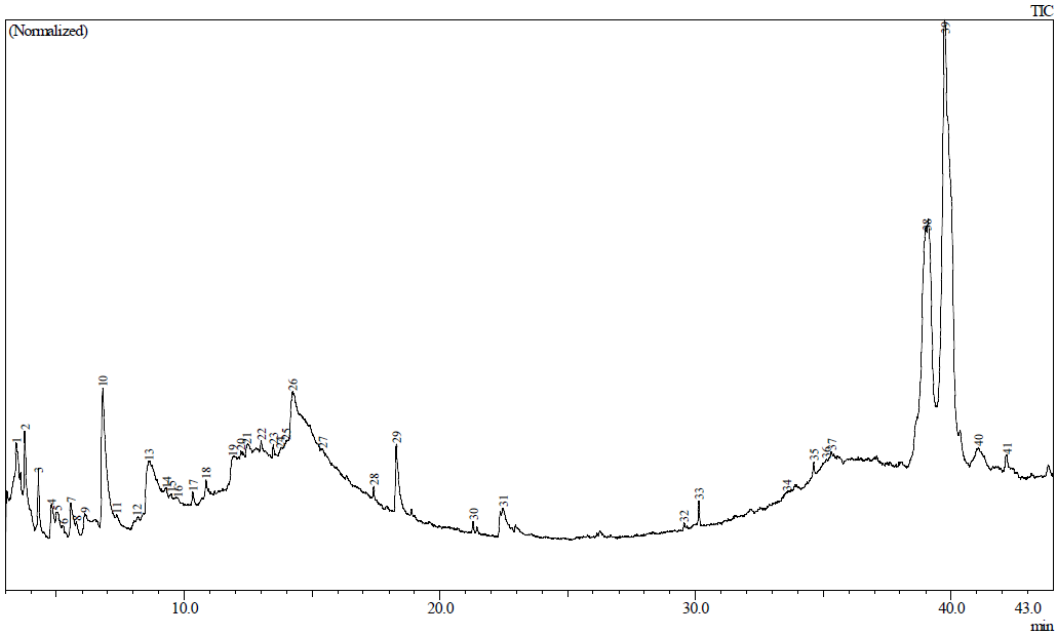
| | |
|---|---|
| MRSA (ekstrak kental konsentrasi 15,20,25,30,35%) | S.*typhi* (ekstrak kental konsentrasi 15,20,25,30,35%) |
| MRSA (fraksi polar konsentrasi 15,20,25,30,35%) | S.*typhi* (fraksi polar konsentrasi 15,20,25,30,35%) |
| MRSA (fraksi nonpolar konsentrasi 15,20,25,30,35%) | S.*typhi* (fraksi nonpolar konsentrasi 15,20,25,30,35%) |
| MRSA (fraksi semipolar konsentrasi 15,20,25,30,35%) | S.*typhi* (fraksi semipolar konsentrasi 15,20,25,30,35%) |

**Lampiran Gambar 5.** Hasil Uji Antibakteri Senyawa Bawang Merah Kultivar Lembah Palu

**Lampiran Tabel 13.** Diameter Zona Hambat Antibakteri Ekstrak Kasar Senyawa Bawang Merah Kultivar Lembah Palu

| **Perlakuan Sampel** | **MRSA** | | | | ***Salmonella typhi*** | | | |
|---|---|---|---|---|---|---|---|---|
| | **Diameter zona hambat (mm)** | | | | **Diameter zona hambat (mm)** | | | |
| **Ekstrak Kental** | **1** | **2** | **3** | **rata-rata** | **1** | **2** | **3** | **rata-rata** |
| **Kontrol negatif** | 0 | 0 | 0 | **0,00** | 0 | 0 | 0 | **0,00** |
| **2%** | 0 | 0 | 0 | **0,00** | 28,05 | 28,65 | 28,1 | **28,27** |
| **4%** | 0 | 0 | 0 | **0,00** | 26 | 21,53 | 20,48 | **22,67** |
| **6%** | 0 | 0 | 0 | **0,00** | 14,1 | 13,43 | 12,9 | **13,48** |
| **8%** | 0 | 0 | 0 | **0,00** | 0 | 0 | 28,3 | **9,43** |
| **10%** | 0 | 0 | 0 | **0,00** | 27,75 | 0 | 0 | **9,25** |
| **Kontrol Positif** | 39,5 | 25,33 | 41,16 | **35,33** | 50,65 | 49,8 | 51,1 | **50,52** |

## 5. Hasil Uji Gas Cromatography and Mass Spectroscopy (GCMS)

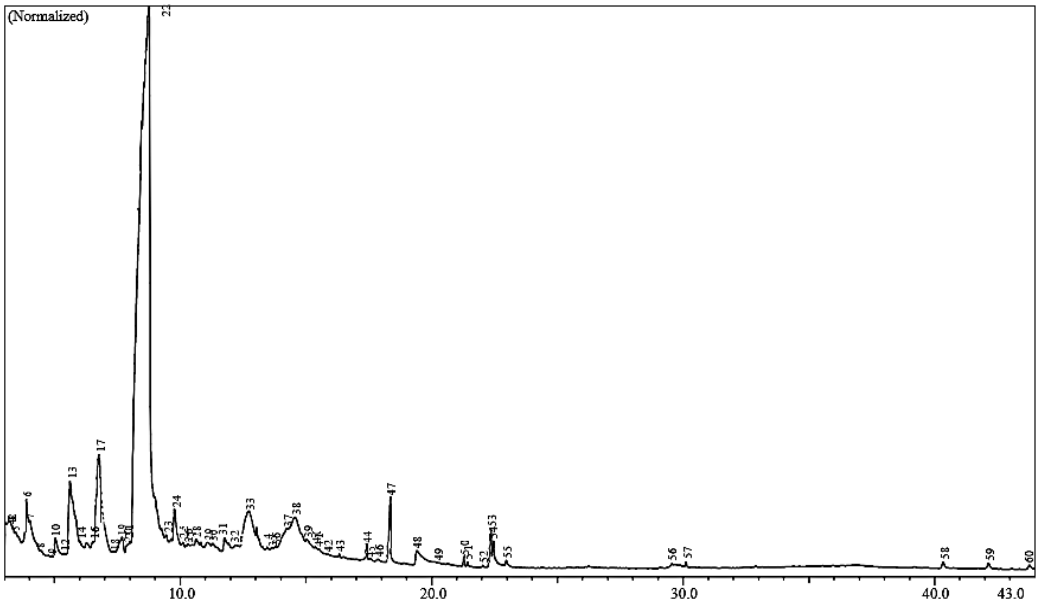



**Lampiran Gambar 6.** Kromatogram Hasil Analisis GCMS Ekstrak Kental Bawang Merah Kultivar Lembah Palu

**Lampiran Tabel 14.** Hasil Uji GCMS Ekstrak Kental Bawang Merah Kultivar Lembah Palu

| Peak# | R.Time | Area | Area% | A/H | Name |
|---|---|---|---|---|---|
| 1 | 3.427 | 3456682 | 2.92 | 14.95 | Oxime-, methoxy-phenyl- |
| 2 | 3.761 | 2427973 | 2.05 | 7.91 | 1,2-cyclopentanedione |
| 3 | 4.288 | 932229 | 0.79 | 4.44 | 2,4-dihydroxy-2,5-dimethyl-3(2h)-furan-3-one |
| 4 | 4.797 | 1157476 | 0.98 | 9.91 | Sulfurous acid, bis(2-methylpropyl) ester |
| 5 | 5.042 | 931164 | 0.79 | 10.28 | Benzeneacetaldehyde (CAS) |
| 6 | 5.258 | 345939 | 0.29 | 8.35 | Succinic acid, di(but-2-en-1-yl) ester |
| 7 | 5.551 | 1085814 | 0.92 | 9.50 | 2,5-dimethylfuran-3,4(2h,5h)-dione |
| 8 | 5.792 | 279627 | 0.24 | 5.94 | 2,5-anhydro-1,6-dideoxyhexo-3,4-diulose |
| 9 | 6.115 | 448309 | 0.38 | 8.99 | N-(3-butenyl)-n-methylcyclohexanamine # |
| 10 | 6.809 | 5627522 | 4.75 | 11.54 | 4h-pyran-4-one, 2,3-dihydro-3,5-dihydroxy-6-methyl- |
| 11 | 7.358 | 97990 | 0.08 | 5.50 | 2-acetyl-octanoic acid, ethyl ester |
| 12 | 8.158 | 296489 | 0.25 | 14.14 | Nonane, 5-methyl- |
| 13 | 8.613 | 5856611 | 4.95 | 30.15 | 5-hydroxymethylfurfural |
| 14 | 9.308 | 718799 | 0.61 | 9.71 | 2-methoxy-4-vinylphenol |
| 15 | 9.492 | 503190 | 0.43 | 10.66 | (E)-1-allyl-3-(prop-1-en-1-yl)trisulfane |
| 16 | 9.758 | 325611 | 0.28 | 13.80 | 1,2,3-thiadiazole-4-carboxylic acid, hydrazide |
| 17 | 10.331 | 241336 | 0.20 | 5.39 | Benzene, 1-chloro-4-methoxy- |
| 18 | 10.850 | 608638 | 0.51 | 9.45 | 3(2h)-furanone, 2-hexyl-5-methyl- |
| 19 | 11.908 | 1849870 | 1.56 | 20.31 | 1,3-propanediol, 2-(hydroxymethyl)-2-nitro- |
| 20 | 12.225 | 834350 | 0.70 | 10.00 | Xanthosine (CAS) |
| 21 | 12.442 | 1808440 | 1.53 | 21.11 | D-allose |
| 22 | 13.014 | 291602 | 0.25 | 6.12 | 1-cyclopentyleicosane |
| 23 | 13.490 | 206744 | 0.17 | 4.57 | 3(2h)-furanone, 5-methyl-2-octyl- |
| 24 | 13.758 | 519725 | 0.44 | 15.38 | 9,10-secochola-5,7,10(19)-trien-24-al, 3-hydroxy-, (3.beta.,5z,7e)- |

| | | | | | |
|---|---|---|---|---|---|
| 25 | 13.992 | 619259 | 0.52 | 9.64 | (S)-1-(1-cyclopentenyl)-propanol |
| 26 | 14.238 | 10590226 | 8.95 | 43.74 | 3-deoxy-d-mannoic lactone |
| 27 | 15.425 | 1056647 | 0.89 | 18.23 | 3-isopropyl-4-methyl-1-decen-4-ol |
| 28 | 17.417 | 277939 | 0.23 | 5.79 | Hexadecanoic acid, methyl ester |
| 29 | 18.308 | 2086925 | 1.76 | 8.76 | N-hexadecanoic acid |
| 30 | 21.306 | 146567 | 0.12 | 3.71 | 10,13-octadecadienoic acid, methyl ester |
| 31 | 22.468 | 1441534 | 1.22 | 16.05 | Cis-9-hexadecenal |
| 32 | 29.560 | 102072 | 0.09 | 4.58 | Octacosane |
| 33 | 30.134 | 303847 | 0.26 | 3.75 | 1,2-benzenedicarboxylic acid |
| 34 | 33.575 | 215063 | 0.18 | 18.53 | Benzene, 1,1'-oxybis[(1,1-dimethylbutyl)- (cas) |
| 35 | 34.627 | 310248 | 0.26 | 5.48 | 2,6,10,14,18,22-tetracosahexaene, 2,6,10,15,19,23-hexamethyl-, (all-e)- |
| 36 | 35.108 | 847391 | 0.72 | 19.69 | N-nonadecanoic acid, pentamethyldisilyl ester |
| 37 | 35.320 | 1297096 | 1.10 | 20.79 | 4-nitrophenyl laurate |
| 38 | 39.046 | 25720932 | 21.73 | 30.53 | Dodecanoic acid, 1,2,3-propanetriyl ester (cas) |
| 39 | 39.776 | 39700644 | 33.53 | 25.78 | Dodecanoic acid, 1,2,3-propanetriyl ester |
| 40 | 41.076 | 1946246 | 1.64 | 26.03 | Eicosanoic acid, 2-[(1-oxohexadecyl)oxy]-1-[[(1-oxohexadecyl)oxy]methyl]ethyl ester |
| 41 | 42.182 | 871957 | 0.74 | 14.82 | Ergost-8-en-3-ol, 14-methyl-, (3.beta.,5.alpha.)- |
| | | 118386723 | 100.00 | | |

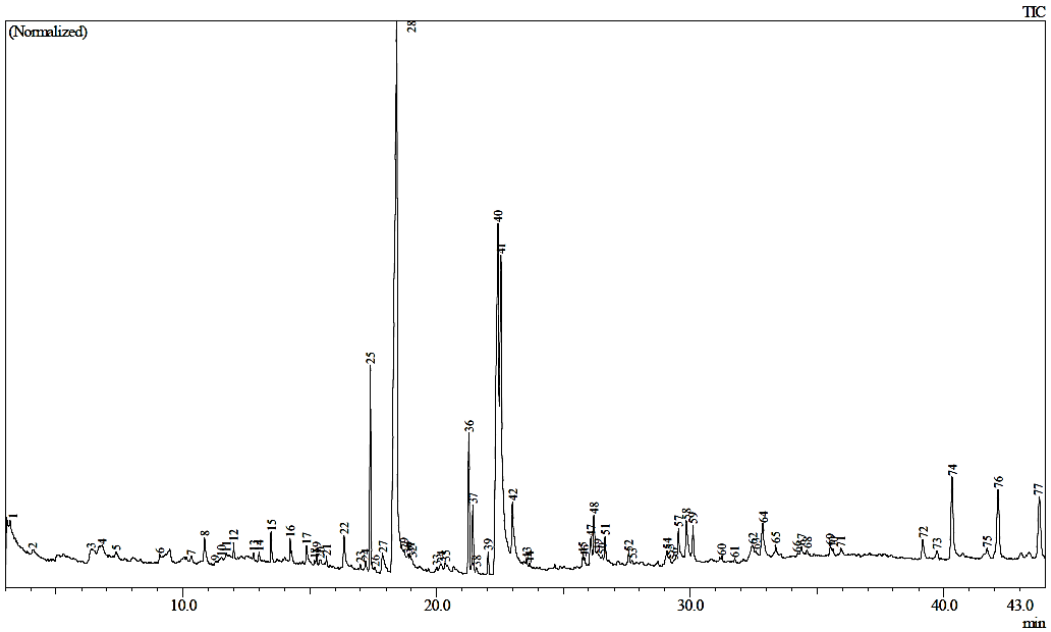



**Lampiran Gambar 7.** Kromatogram Hasil Analisis GCMS Fraksi Polar Bawang Merah Kultivar Lembah Palu

**Lampiran Tabel 15.** Hasil Uji GCMS Ekstrak Fraksi Polar Bawang Merah Kultivar Lembah Palu

| Peak# | R.Time | Area | Area% | A/H | Name |
|---|---|---|---|---|---|
| 1 | 3.037 | 5971865 | 0.60 | 5.15 | 1H-Pyrazole-1-carbothioamide, 3,5-dimethyl- |
| 2 | 3.175 | 7503047 | 0.76 | 6.22 | Thiophene, 2,5-dimethyl- |
| 3 | 3.242 | 4401588 | 0.45 | 3.82 | 3-furaldehyde |
| 4 | 3.300 | 8199283 | 0.83 | 7.91 | .Alpha.,.beta.-crotonolactone |
| 5 | 3.465 | 9790510 | 0.99 | 12.16 | 2(3H)-Furanone, 5-methyl- (CAS) |
| 6 | 3.847 | 19049471 | 1.93 | 10.82 | 2-furancarboxaldehyde, 5-methyl- |
| 7 | 4.024 | 14514550 | 1.47 | 13.11 | 2,4-Dihydroxy-2,5-dimethyl-3(2H)-furan-3-one |
| 8 | 4.441 | 1316920 | 0.13 | 7.32 | 2-Nonanol, 5-ethyl- |
| 9 | 4.903 | 152617 | 0.02 | 2.51 | Benzeneacetaldehyde |
| 10 | 5.034 | 4933947 | 0.50 | 8.53 | Propanoic acid, 3-chloro-2,2-dimethyl- |
| 11 | 5.275 | 627720 | 0.06 | 5.86 | 2-Allylpent-4-enoic acid, methyl ester |
| 12 | 5.382 | 557386 | 0.06 | 4.40 | 2,5-Dimethyl-4-hydroxy-3(2H)-furanone |
| 13 | 5.615 | 37904936 | 3.83 | 16.86 | 6-methyl-2-pyrazinylmethanol |
| 14 | 6.004 | 4103225 | 0.41 | 8.55 | (E)-1-(Prop-1-en-1-yl)-2-propyldisulfane |
| 15 | 6.274 | 5278608 | 0.53 | 12.24 | 2-Nonanol, trimethylacetate |
| 16 | 6.518 | 3333128 | 0.34 | 7.00 | Butanedioyl dihydrazide |
| 17 | 6.758 | 56085543 | 5.67 | 18.50 | 4H-Pyran-4-one, 2,3-dihydro-3,5-dihydroxy-6-methyl- (CAS) |
| 18 | 7.375 | 81111 | 0.01 | 4.95 | Cyanamide, di-2-propenyl- |
| 19 | 7.688 | 8541551 | 0.86 | 14.14 | 1-Butanol, 3-methyl-, formate |
| 20 | 7.875 | 2594263 | 0.26 | 6.94 | 5-Formyl-2-furfurylmethanoate |
| 21 | 7.992 | 2353664 | 0.24 | 4.94 | Phthalan |
| 22 | 8.775 | 618455720 | 62.53 | 38.13 | 5-hydroxymethylfurfural |
| 23 | 9.450 | 520377 | 0.05 | 3.79 | (E)-1-Allyl-3-(prop-1-en-1-yl)trisulfane |
| 24 | 9.773 | 8201531 | 0.83 | 8.19 | N-Nitroso-2,4,4-trimethyloxazolidine |
| 25 | 10.111 | 548131 | 0.06 | 4.59 | S-Propyl propane-1-sulfonothioate |
| 26 | 10.317 | 650317 | 0.07 | 6.57 | Methyl ester of 6-hydroxy-4-oxo-1,10- |

| | | | | | |
|---|---|---|---|---|---|
| | | | | | decandioic acid-.delta.-la |
| 27 | 10.433 | 847613 | 0.09 | 11.56 | Vitamin d3 |
| 28 | 10.651 | 3344351 | 0.34 | 12.86 | L-Pyrrolid-2-one, N-carboxyhydrazide |
| 29 | 11.098 | 2696797 | 0.27 | 12.46 | Succinic acid, di(but-2-en-1-yl) ester |
| 30 | 11.302 | 2308472 | 0.23 | 11.49 | L-Leucine, N-(methoxycarbonyl)-, methyl ester |
| 31 | 11.781 | 4905806 | 0.50 | 11.96 | L-Proline, N-methoxycarbonyl- |
| 32 | 12.200 | 3427326 | 0.35 | 17.24 | 3,4-O-Isopropylidene-d-galactose |
| 33 | 12.701 | 38424197 | 3.89 | 31.80 | D-allose |
| 34 | 13.450 | 1862569 | 0.19 | 9.30 | 3(2H)-Furanone, 5-methyl-2-octyl- |
| 35 | 13.617 | 1701758 | 0.17 | 9.75 | Succinic acid, 3-methylbut-2-en-1-yl 4-octyl ester |
| 36 | 13.783 | 1422516 | 0.14 | 6.60 | Methylenecyclopropane, 2-(1-hydroxyethyl)-2-trimethylsilyl- |
| 37 | 14.217 | 12825594 | 1.30 | 16.68 | 1,5-Anhydro-d-mannitol |
| 38 | 14.567 | 34941074 | 3.53 | 31.13 | 3-Butyl-4-nitro-pent-4-enoic acid, methyl ester |
| 39 | 15.036 | 7174831 | 0.73 | 14.77 | 5-Hexenoic acid, methyl ester (CAS) |
| 40 | 15.367 | 2646784 | 0.27 | 9.43 | Dimethyl 2,4-diketoglutarate |
| 41 | 15.533 | 2076435 | 0.21 | 9.45 | 2,7,11-Trimethyl-4-phenylthiododeca-2,6,10-triene |
| 42 | 15.900 | 1598727 | 0.16 | 19.35 | (E)-3-Methyl-5-((1R,4ar,8ar)-5,5,8a-trimethyl-2-methylenedecahydronaphthalen-1-yl) |
| 43 | 16.333 | 582351 | 0.06 | 4.96 | Pentadecanoic acid |
| 44 | 17.391 | 1847199 | 0.19 | 4.12 | Pentadecanoic acid, 14-methyl-, methyl ester |
| 45 | 17.583 | 277163 | 0.03 | 4.40 | 4-(3,5-di-tert-butyl-4-hydroxyphenyl)butyl acrylate |
| 46 | 17.859 | 481084 | 0.05 | 7.33 | Palmitoleic acid |
| 47 | 18.329 | 10485458 | 1.06 | 5.45 | N-Hexadecanoic acid |
| 48 | 19.417 | 7997791 | 0.81 | 19.52 | Cirsiumaldehyde |
| 49 | 20.200 | 494296 | 0.05 | 18.72 | Neryl acetal |
| 50 | 21.281 | 988443 | 0.10 | 3.41 | 9,12-Octadecadienoic acid, methyl ester, (E,E)- |
| 51 | 21.433 | 474294 | 0.05 | 3.44 | 9-octadecenoic acid, methyl ester, (e)- |
| 52 | 22.040 | 245267 | 0.02 | 3.87 | Nonadecanoic acid, methyl ester |
| 53 | 22.339 | 5572250 | 0.56 | 5.16 | 10(E),12(Z)-Conjugated linoleic acid |
| 54 | 22.463 | 6054796 | 0.61 | 7.91 | Erucic acid |
| 55 | 22.967 | 1413751 | 0.14 | 6.92 | 9-Octadecenoic acid (Z)- (CAS) |
| 56 | 29.552 | 249836 | 0.03 | 3.87 | Heneicosane |
| 57 | 30.119 | 464893 | 0.05 | 3.25 | Bis(2-ethylhexyl) phthalate |
| 58 | 40.341 | 1323510 | 0.13 | 7.25 | .Beta.-sitosterol |
| 59 | 42.148 | 1211551 | 0.12 | 7.28 | Cycloartanol |
| 60 | 43.779 | 964402 | 0.10 | 7.67 | 9,19-Cycloergost-24(28)-en-3-ol, 4,14-dimethyl-, acetate, (3.beta.,4.alpha.,5.alpha.)- |
| | | 989004194 | 100.00 | | |

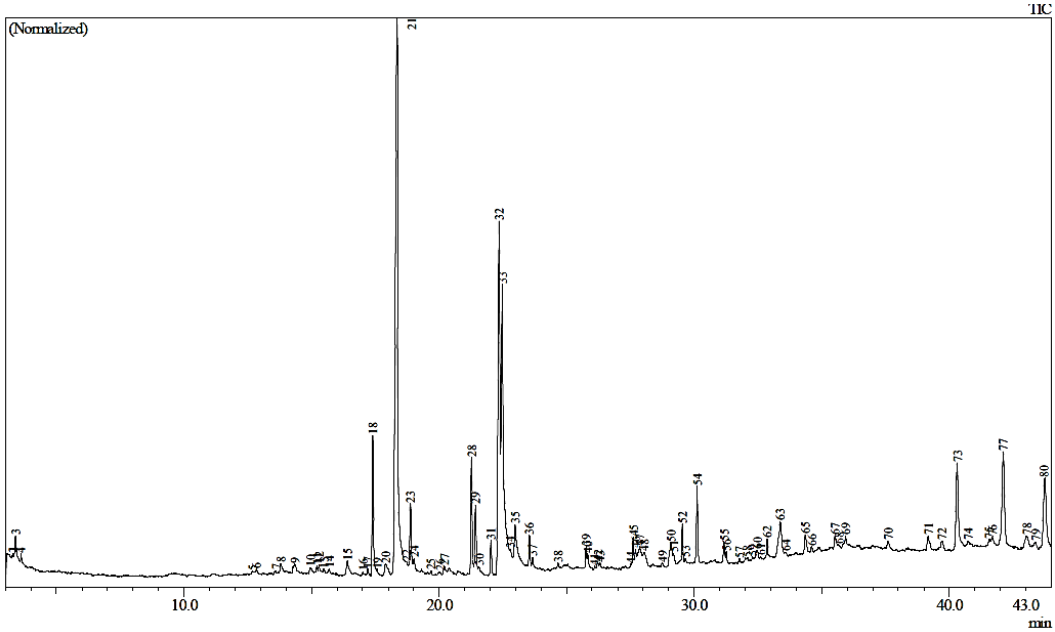



**Lampiran Gambar 8.** Kromatogram Hasil Analisis GCMS Fraksi Semi Polar Bawang Merah Kultivar Lembah Palu

**Lampiran Tabel 16.** Hasil Uji GCMS Fraksi Semi Polar Bawang Merah Kultivar Lembah Palu

| Peak# | R.Time | Area | Area% | A/H | Name |
|---|---|---|---|---|---|
| 1 | 3.182 | 296481 | 0.20 | 3.66 | 3,4-dimethylthiophene |
| 2 | 4.055 | 376765 | 0.25 | 8.87 | 2,4-Dihydroxy-2,5-dimethyl-3(2H)-furan-3-one |
| 3 | 6.367 | 1304385 | 0.87 | 14.55 | 1-Butanol, 3-methyl-, formate |
| 4 | 6.797 | 1531858 | 1.02 | 15.27 | 2-Propyl-tetrahydropyran-3-ol |
| 5 | 7.360 | 364804 | 0.24 | 6.68 | 2,3-Diazabicyclo[2.2.1]hept-2-ene, 1-phenyl- |
| 6 | 9.082 | 176633 | 0.12 | 3.54 | Dimethyl 2,4-diketoglutarate |
| 7 | 10.323 | 243147 | 0.16 | 5.14 | 3-[N'-(3H-Indol-3-ylmethylene)-hydrazino]-5-methyl-[1,2,4]triazol-4-ylamine |
| 8 | 10.844 | 1100684 | 0.73 | 5.33 | 3(2H)-Furanone, 2-hexyl-5-methyl- |
| 9 | 11.267 | 243511 | 0.16 | 9.43 | 4d-methylheptanoic acid ethyl ester |
| 10 | 11.492 | 562059 | 0.37 | 10.97 | Dobutamine |
| 11 | 11.700 | 828895 | 0.55 | 10.98 | Phenol, 3,5-bis(1,1-dimethylethyl)- |
| 12 | 11.991 | 448075 | 0.30 | 2.96 | 3-Chloro-o-toluidine, N-trimethylacetyl- |
| 13 | 12.776 | 104603 | 0.07 | 1.81 | Pentadecane |
| 14 | 13.002 | 239368 | 0.16 | 3.17 | Hexadecanal |
| 15 | 13.473 | 880759 | 0.58 | 3.36 | 3(2H)-Furanone, 5-methyl-2-octyl- |
| 16 | 14.225 | 822612 | 0.55 | 4.13 | Hexadecanal |
| 17 | 14.874 | 898812 | 0.60 | 5.64 | Tetradecanoic acid |
| 18 | 15.183 | 127051 | 0.08 | 2.88 | 1-octadecene |
| 19 | 15.274 | 297197 | 0.20 | 3.10 | Eicosane |
| 20 | 15.394 | 336046 | 0.22 | 6.47 | Dimethyl 2,4-diketoglutarate |
| 21 | 15.659 | 394666 | 0.26 | 4.54 | Pentadecanoic acid, methyl ester (CAS) |
| 22 | 16.346 | 1422238 | 0.94 | 5.25 | Tetradecanoic acid |
| 23 | 16.992 | 173813 | 0.12 | 3.39 | 9-Octadecenoic acid (Z)-, methyl ester |
| 24 | 17.195 | 374829 | 0.25 | 4.67 | 7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2,8-dione |
| 25 | 17.386 | 5565193 | 3.69 | 3.16 | Pentadecanoic acid, 14-methyl-, methyl ester |
| 26 | 17.575 | 156349 | 0.10 | 4.34 | 3-(3,5-ditert-butyl-4-hydroxyphenyl)propyl 2-methylacrylate # |
| 27 | 17.874 | 1296088 | 0.86 | 7.65 | Erucic acid |
| 28 | 18.424 | 40751242 | 27.05 | 8.66 | N-Hexadecanoic acid |

| | | | | | |
|---|---|---|---|---|---|
| 29 | 18.717 | 43968 | 0.03 | 2.97 | Bornyl 2-methylbutanoate |
| 30 | 18.869 | 110095 | 0.07 | 2.93 | Hexadecanoic acid, ethyl ester |
| 31 | 18.957 | 172967 | 0.11 | 3.26 | Hexadecanoic acid, 2-oxo-, methyl ester (CAS) |
| 32 | 19.042 | 77335 | 0.05 | 2.95 | Tetratriacontane (CAS) |
| 33 | 20.018 | 155926 | 0.10 | 3.96 | Octadecane, 1-(ethenyloxy)- (CAS) |
| 34 | 20.183 | 470143 | 0.31 | 7.33 | 8-heptadecanol |
| 35 | 20.343 | 569386 | 0.38 | 7.99 | Cis-7-Hexadecenoic acid |
| 36 | 21.274 | 4165853 | 2.76 | 3.46 | 9,12-octadecadienoic acid, methyl ester, (e,e)- |
| 37 | 21.426 | 2196115 | 1.46 | 3.78 | 9-octadecenoic acid (z)-, methyl ester |
| 38 | 21.561 | 214008 | 0.14 | 4.30 | Methyl 9-octadecenoate |
| 39 | 22.034 | 652475 | 0.43 | 3.34 | Nonadecanoic acid, methyl ester |
| 40 | 22.421 | 22198587 | 14.73 | 7.43 | 10(E),12(Z)-Conjugated linoleic acid |
| 41 | 22.540 | 20405614 | 13.54 | 7.55 | Erucic acid |
| 42 | 22.993 | 4198374 | 2.79 | 7.56 | 9-Octadecenoic acid (Z)- (CAS) |
| 43 | 23.540 | 107001 | 0.07 | 2.57 | 1-docosene |
| 44 | 23.664 | 113126 | 0.08 | 3.79 | Nonadecane (CAS) |
| 45 | 25.761 | 343911 | 0.23 | 3.33 | Heptadecane |
| 46 | 25.833 | 272197 | 0.18 | 3.71 | Stearic acid, 2-hydroxy-1-methylpropyl ester |
| 47 | 26.074 | 1023066 | 0.68 | 4.32 | 2-((8Z,11Z)-Heptadeca-8,11-dien-1-yl)-4,5-dihydrooxazole |
| 48 | 26.202 | 2121104 | 1.41 | 5.08 | Oxazole, 2-(8Z)-8-heptadecen-1-yl-4,5-dihydro- |
| 49 | 26.342 | 759047 | 0.50 | 7.60 | 13,16-Octadecadiynoic acid, methyl ester (CAS) |
| 50 | 26.526 | 233875 | 0.16 | 3.99 | 2H-Pyran-2-one, tetrahydro-6-nonyl- |
| 51 | 26.643 | 839663 | 0.56 | 3.90 | Cyclohexane, eicosyl- (CAS) |
| 52 | 27.575 | 382000 | 0.25 | 4.20 | 2-Methyl-4,5-tetramethylene-5-ethyl-2-oxazoline |
| 53 | 27.717 | 97765 | 0.06 | 3.05 | Nonadecane |
| 54 | 29.080 | 638696 | 0.42 | 5.45 | 9,12-Octadecadienoic acid (Z,Z)- |
| 55 | 29.183 | 271673 | 0.18 | 4.45 | 15-Tetracosenoic acid, methyl ester, (Z)- |
| 56 | 29.342 | 127271 | 0.08 | 5.08 | Hexadecanoic acid |
| 57 | 29.536 | 1972517 | 1.31 | 6.63 | Octacosane |
| 58 | 29.852 | 2421231 | 1.61 | 6.90 | Hexadecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester |
| 59 | 30.108 | 1346098 | 0.89 | 4.45 | Bis(2-ethylhexyl) phthalate |
| 60 | 31.247 | 245752 | 0.16 | 5.52 | Hexacosane |
| 61 | 31.751 | 90196 | 0.06 | 3.07 | Pentacosanoic acid, methyl ester |
| 62 | 32.467 | 1153569 | 0.77 | 10.10 | 1-eicosanol |
| 63 | 32.592 | 359444 | 0.24 | 5.11 | 2-Octadecyl-propane-1,3-diol |
| 64 | 32.870 | 2237220 | 1.48 | 7.84 | 12-Methyl-E,E-2,13-octadecadien-1-ol |
| 65 | 33.360 | 362193 | 0.24 | 4.38 | Heptacosanoic acid, methyl ester |
| 66 | 34.217 | 221339 | 0.15 | 8.29 | 8-Methyl-6-nonenamide |
| 67 | 34.379 | 491763 | 0.33 | 6.03 | Oxalic acid, decyl 2-ethylhexyl ester |
| 68 | 34.609 | 210917 | 0.14 | 4.24 | Squalene |
| 69 | 35.518 | 455324 | 0.30 | 5.79 | Nonacosanol (CAS) |
| 70 | 35.642 | 226946 | 0.15 | 4.04 | Cholesta-4,6-dien-3-ol, benzoate, (3.beta.)-(CAS) |
| 71 | 35.939 | 316100 | 0.21 | 5.48 | Tetratetracontane |
| 72 | 39.173 | 1004550 | 0.67 | 5.95 | Ethyl iso-allocholate |
| 73 | 39.731 | 303828 | 0.20 | 4.51 | Tetratetracontane |
| 74 | 40.328 | 4674468 | 3.10 | 6.68 | .Beta.-sitosterol |
| 75 | 41.712 | 357477 | 0.24 | 5.70 | 9,19-Cyclolanostan-3-ol, acetate, (3.beta.)- |
| 76 | 42.140 | 4069613 | 2.70 | 7.00 | Cycloartanol |
| 77 | 43.766 | 3878559 | 2.57 | 7.34 | 9,19-Cyclolanostan-3-ol, acetate, (3.beta.)- |
| | | 150678508 | 100.00 | | |




**Lampiran Gambar 9.** Kromatogram Hasil Analisis GCMS Fraksi Non Polar Bawang Merah Kultivar Lembah Palu

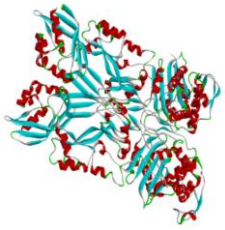
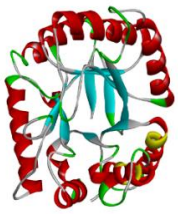
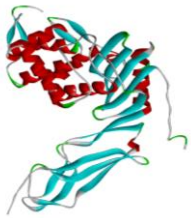
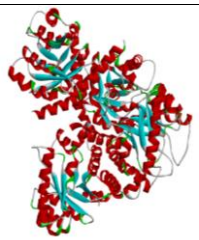
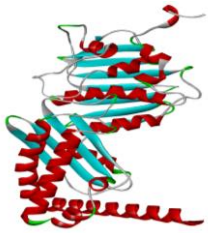
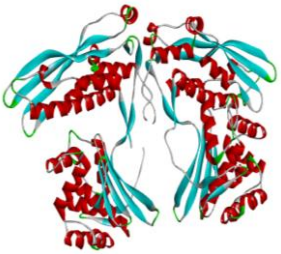
**Lampiran Tabel 17.** Hasil Uji GCMS Ekstrak Fraksi Non Polar Merah Kultivar Lembah Palu

| Peak# | R.Time | Area | Area% | A/H | Name |
|---|---|---|---|---|---|
| 1 | 3.045 | 1434300 | 1.61 | 11.56 | Hexane |
| 2 | 3.284 | 426967 | 0.48 | 4.03 | Allyl isovalerate |
| 3 | 3.383 | 1437120 | 1.61 | 7.19 | Pentanoic acid, 2-propenyl ester |
| 4 | 3.610 | 390427 | 0.44 | 4.75 | Cyclopropane, 1,1,2,2-tetramethyl- |
| 5 | 12.675 | 99149 | 0.11 | 7.82 | Butanoic acid, 2-methylpropyl ester |
| 6 | 12.826 | 97653 | 0.11 | 4.58 | Decane, 2-methyl- |
| 7 | 13.605 | 116903 | 0.13 | 5.84 | 3(2H)-Furanone, 5-methyl-2-octyl- |
| 8 | 13.786 | 345156 | 0.39 | 6.57 | Ar-Turmerone |
| 9 | 14.333 | 406290 | 0.46 | 8.26 | 13,16-Octadecadiynoic acid, methyl ester |
| 10 | 14.965 | 199554 | 0.22 | 5.74 | Tetradecanoic acid |
| 11 | 15.208 | 246445 | 0.28 | 5.37 | 1-hexadecene |
| 12 | 15.294 | 245405 | 0.27 | 4.54 | Octadecane |
| 13 | 15.477 | 165000 | 0.18 | 5.98 | Dimethyl 2,4-diketoglutarate |
| 14 | 15.690 | 178903 | 0.20 | 5.61 | Pentadecanoic acid, 14-methyl-, methyl ester |
| 15 | 16.398 | 550196 | 0.62 | 6.97 | Pentadecanoic acid |
| 16 | 17.015 | 97409 | 0.11 | 4.00 | 9-Hexadecenoic acid, methyl ester, (Z)- (CAS) |
| 17 | 17.197 | 178952 | 0.20 | 4.85 | 7,9-di-tert-butyl-1-oxaspiro[4.5]deca-6,9-diene-2,8-dione |
| 18 | 17.398 | 3119940 | 3.49 | 3.95 | Hexadecanoic acid, methyl ester |
| 19 | 17.567 | 83115 | 0.09 | 3.00 | 4-(3,5-Di-tert-butyl-4-hydroxyphenyl)butyl acrylate |
| 20 | 17.903 | 519535 | 0.58 | 7.97 | Erucic acid |
| 21 | 18.350 | 20437471 | 22.89 | 6.51 | N-Hexadecanoic acid |
| 22 | 18.725 | 21030 | 0.02 | 2.63 | Phenanthrene, 7-ethenyl-1,2,3,4,4a,4b,5,6,7,9,10,10a-dodecahydro-1,1,4a,7-tetramethyl- |
| 23 | 18.871 | 1752370 | 1.96 | 4.57 | Nonadecanoic acid, ethyl ester |
| 24 | 19.022 | 371990 | 0.42 | 5.11 | Eicosane |
| 25 | 19.677 | 63215 | 0.07 | 3.24 | Hexadecanoic acid, 15-methyl-, methyl ester |
| 26 | 20.023 | 100356 | 0.11 | 5.06 | Oxalic acid, allyl pentadecyl ester |
| 27 | 20.196 | 203236 | 0.23 | 5.05 | Isotridecanol- |
| 28 | 21.271 | 2431380 | 2.72 | 3.70 | 9,12-Octadecadienoic acid, methyl ester, (E,E)- |

| | | | | | |
|---|---|---|---|---|---|
| 29 | 21.425 | 1566323 | 1.75 | 4.08 | 9-octadecenoic acid (z)-, methyl ester |
| 30 | 21.561 | 136968 | 0.15 | 4.11 | Methyl dihydromalvalate |
| 31 | 22.034 | 696474 | 0.78 | 3.56 | Hexadecanoic acid, 15-methyl-, methyl ester |
| 32 | 22.355 | 10388021 | 11.64 | 5.22 | 9,12-Octadecadienoic acid (Z,Z)- |
| 33 | 22.476 | 11761590 | 13.18 | 7.24 | Erucic acid |
| 34 | 22.800 | 48635 | 0.05 | 2.34 | Linoelaidic acid |
| 35 | 22.977 | 2165754 | 2.43 | 8.93 | 9-octadecenoic acid (z)- |
| 36 | 23.536 | 586592 | 0.66 | 3.38 | 1-docosene |
| 37 | 23.660 | 212340 | 0.24 | 3.78 | Eicosane |
| 38 | 24.674 | 107296 | 0.12 | 4.04 | Oxalic acid, allyl hexadecyl ester |
| 39 | 25.758 | 432052 | 0.48 | 3.52 | Tricosane |
| 40 | 25.828 | 391490 | 0.44 | 4.61 | Stearic acid, 2-hydroxy-1-methylpropyl ester |
| 41 | 26.083 | 84793 | 0.09 | 4.39 | Oxazole, 2-(8Z,11Z,14Z)-8,11,14-heptadecatrien-1-yl-4,5-dihydro- |
| 42 | 26.216 | 173413 | 0.19 | 4.96 | Oxazole, 2-(8Z)-8-heptadecen-1-yl-4,5-dihydro- |
| 43 | 26.313 | 112855 | 0.13 | 3.71 | Eicosanoic acid, methyl ester (CAS) |
| 44 | 27.508 | 90597 | 0.10 | 3.95 | Hexanedioic acid, mono(2-ethylhexyl)ester |
| 45 | 27.611 | 609371 | 0.68 | 3.55 | 1-docosene |
| 46 | 27.707 | 429866 | 0.48 | 4.07 | Hexadecane |
| 47 | 27.865 | 1158559 | 1.30 | 10.24 | .Beta.-sitosterol |
| 48 | 28.029 | 705871 | 0.79 | 8.62 | .Gamma.-ergostenol |
| 49 | 28.746 | 102149 | 0.11 | 4.49 | 1-pentacontanol |
| 50 | 29.089 | 873153 | 0.98 | 6.98 | 9,12-Octadecadienoic acid (Z,Z)- |
| 51 | 29.183 | 253110 | 0.28 | 3.98 | Oleic acid |
| 52 | 29.533 | 615946 | 0.69 | 2.92 | Nonadecane (CAS) |
| 53 | 29.652 | 68123 | 0.08 | 3.46 | 14-Pentadecynoic acid, methyl ester (CAS) |
| 54 | 30.111 | 1547487 | 1.73 | 3.59 | Bis(2-ethylhexyl) phthalate |
| 55 | 31.174 | 388376 | 0.44 | 3.26 | Octacosanol |
| 56 | 31.248 | 208476 | 0.23 | 3.34 | Octadecane |
| 57 | 31.769 | 113333 | 0.13 | 4.83 | Nonahexacontanoic acid, methyl ester (CAS) |
| 58 | 32.087 | 196441 | 0.22 | 8.74 | (-)-Isopulegol |
| 59 | 32.288 | 130718 | 0.15 | 5.90 | Dotriacontane (CAS) |
| 60 | 32.475 | 352500 | 0.39 | 6.34 | Octadecyl trifluoroacetate |
| 61 | 32.617 | 59987 | 0.07 | 4.02 | Methyl [N-(salicyl)-3-amidepropanoyl]-aminoacetate |
| 62 | 32.868 | 367138 | 0.41 | 3.39 | Tetratetracontane |
| 63 | 33.372 | 1787108 | 2.00 | 8.99 | 9,19-Cyclolanost-24-en-3-ol, acetate, (3.beta.)- |
| 64 | 33.592 | 118156 | 0.13 | 5.80 | 1,4-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester |
| 65 | 34.355 | 609464 | 0.68 | 5.76 | 1-heptacosanol |
| 66 | 34.604 | 150323 | 0.17 | 4.48 | Squalene |
| 67 | 35.515 | 376541 | 0.42 | 5.42 | Heneicosyl heptafluorobutyrate |
| 68 | 35.692 | 123293 | 0.14 | 6.93 | Citronellyl butyrate |
| 69 | 35.927 | 333898 | 0.37 | 5.72 | Tricosane |
| 70 | 37.599 | 264581 | 0.30 | 5.74 | Octacosyl heptafluorobutyrate |
| 71 | 39.175 | 548785 | 0.61 | 7.00 | Iron iodide complex i |
| 72 | 39.714 | 237836 | 0.27 | 5.26 | Tetratetracontane |
| 73 | 40.309 | 3217965 | 3.60 | 6.64 | .Beta.-sitosterol |
| 74 | 40.728 | 142648 | 0.16 | 5.77 | 1-heptatriacotanol |
| 75 | 41.569 | 156379 | 0.18 | 4.69 | Cyclopropa[5,6]-33-norgorgostan-3-ol, 3',6-dihydro-, (3.beta.,5.beta.,6.alpha.,22.xi.,23.x |
| 76 | 41.691 | 307243 | 0.34 | 6.79 | 2H-Pyran, 2-(7-heptadecynyloxy)tetrahydro- |
| 77 | 42.117 | 3750142 | 4.20 | 7.08 | Cycloartanol |
| 78 | 43.029 | 779074 | 0.87 | 10.64 | Bis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propyl] maleate |
| 79 | 43.392 | 340927 | 0.38 | 8.98 | 9,19-Cyclolanostan-3-ol, acetate, (3.beta.)- |
| 80 | 43.742 | 3169760 | 3.55 | 8.10 | 9,19-Cyclolanostan-3-ol, acetate, (3.beta.)- |
| | | 89269387 | 100.00 | | |

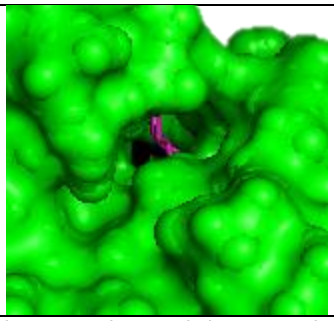
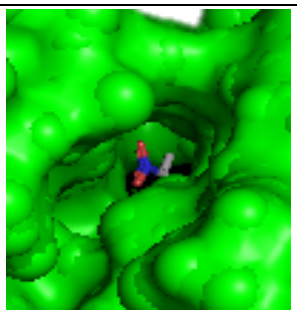
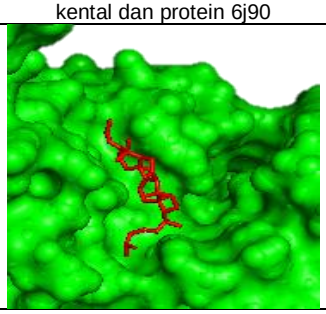
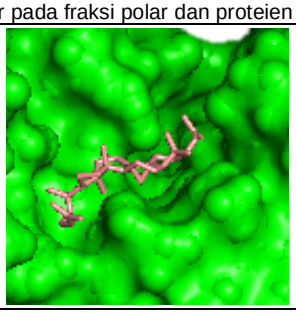
## 6. Analisis Molekuler Docking Potensi Antibakteri Bawang Merah Kultivar Lembah Palu

a. Struktur 3D Reseptor pada Bakteri Gram Positif dan Gram Negatif

| | | | |
|---|---|---|---|
|  |  |  |  |
| PBP2a MRSA (Kode PDB: 1mwt) | DHPS e *coli* (Kode PDB: 1ajz) | BBP e *coli* (Kode PDB: 1hd8) | DHPS MRSA (Kode PDB: 6clv) |
|  |  |  | |
| DNAgyr B *Salmonella typhi* (Kode PDB: 6j90) | Topoisomerase IV *Staphylococcus aureus* (Kode PDB: 2inr) | RNA Polimerase (Kode PDB: 4kbj) | |

**Lampiran Gambar 10.** Struktur 3D Reseptor pada Bakteri Gram Positif dan Gram Negatif

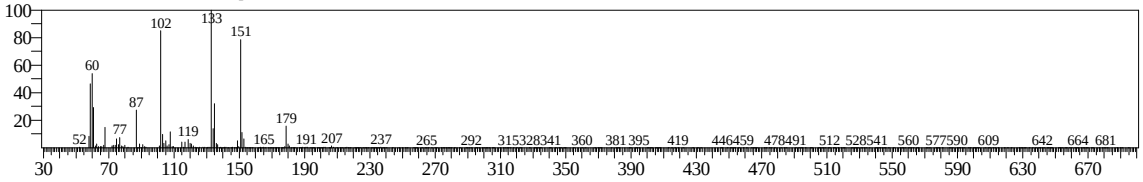
b. Hasil Penambatan Molekul Protein dengan Ligan Senyawa Bawang Merah

| | |
|---|---|
|  |  |
| Interaksi 3-Deoxy-d-mannoic lactone pada ekstrak kental dan protein 6j90 | Interaksi 3-Butyl-4-Nitro-Pent-4-Enoic Acid, Methyl Ester pada fraksi polar dan proteien 6j90 |
|  |  |
| Interaksi 9,19-Cyclolanostan-3-Ol, Acetate, (3.Beta.) pada fraksi semi polar dan protein 6j90 | Interaksi 9,19-Cyclolanost-24-En-3-Ol, Acetate, (3.Beta.)- pada fraksi nonpolar dan protein 6j90 |

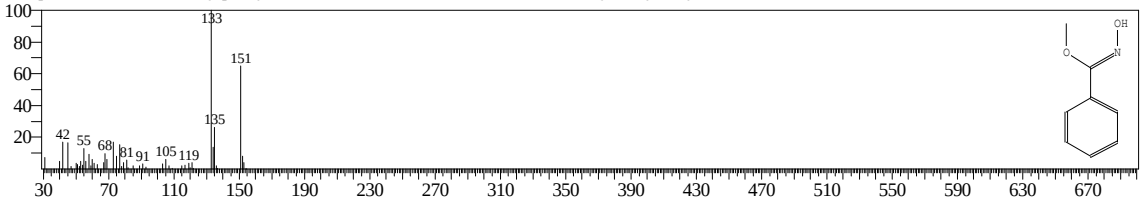
**Lampiran Gambar 11.** Visualisasi 3D Interaksi Ligan dan Protein Target DNA*gyr* B *Salmonella typhi* (Kode PDB: 6j90) menggunakan Pymol

Library

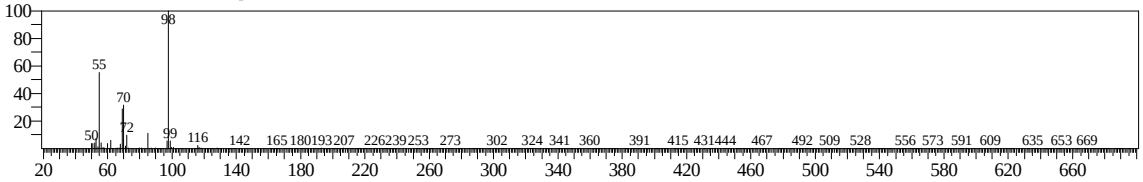
<< Target >>
Line#:1 R.Time:3.425(Scan#:52) MassPeaks:380
RawMode:Averaged 3.417-3.433(51-53) BasePeak:132.90(33108)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



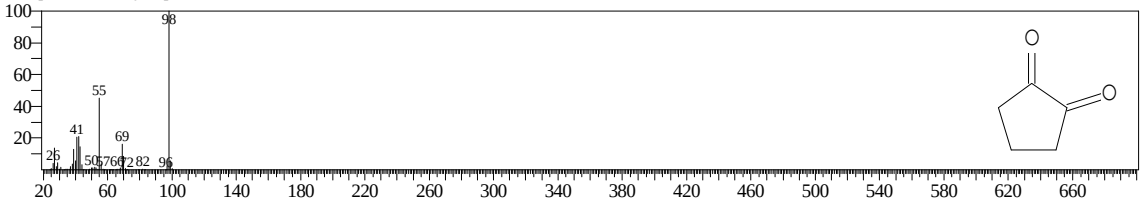
Hit#:1 Entry:52052 Library:Wiley9.lib
SI:71 Formula:C8H9NO2 CAS:0-00-0 MolWeight:151 RetIndex:0
CompName:Oxime-, methoxy-phenyl- $$ METHOXY, PHENYL- ,OXIME $$ Methyl N-hydroxybenzenecarboximidoate



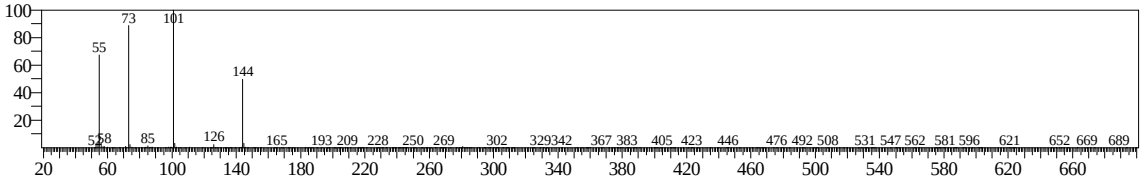
<< Target >>
Line#:2 R.Time:3.758(Scan#:92) MassPeaks:310
RawMode:Averaged 3.750-3.767(91-93) BasePeak:97.95(87753)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



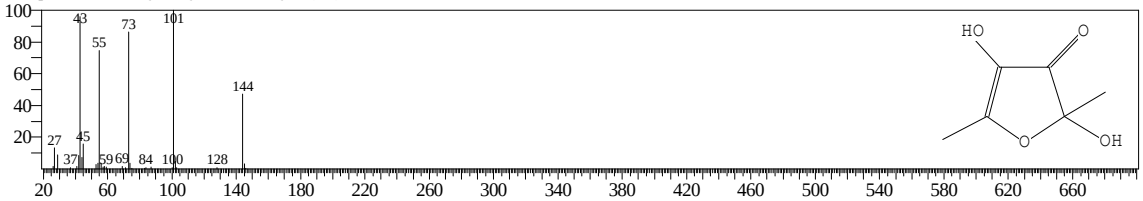
Hit#:1 Entry:1549 Library:NIST147.LIB
SI:86 Formula:C5H6O2 CAS:3008-40-0 MolWeight:98 RetIndex:0
CompName:1,2-Cyclopentanedione $$



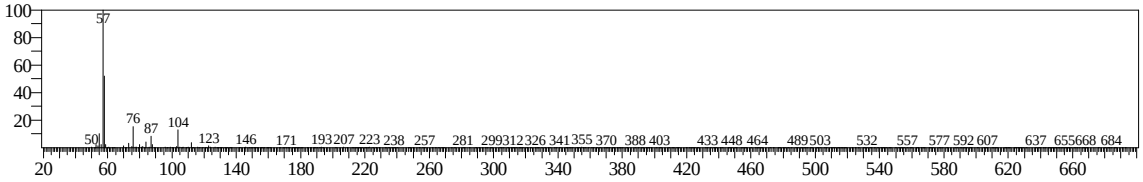
<< Target >>
Line#:3 R.Time:4.292(Scan#:156) MassPeaks:238
RawMode:Averaged 4.283-4.300(155-157) BasePeak:100.95(59607)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



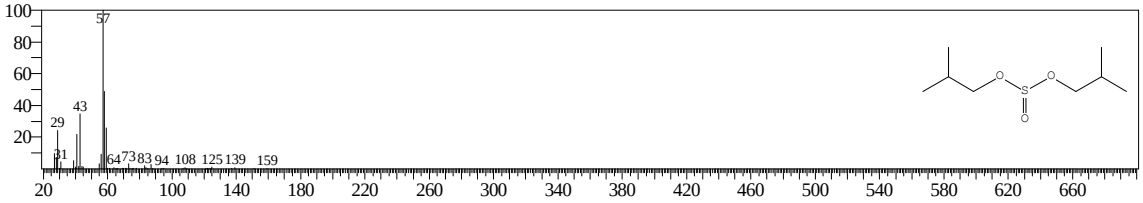
Hit#:1 Entry:22907 Library:NIST17.lib
SI:97 Formula:C6H8O4 CAS:10230-62-3 MolWeight:144 RetIndex:1173
CompName:2,4-Dihydroxy-2,5-dimethyl-3(2H)-furan-3-one



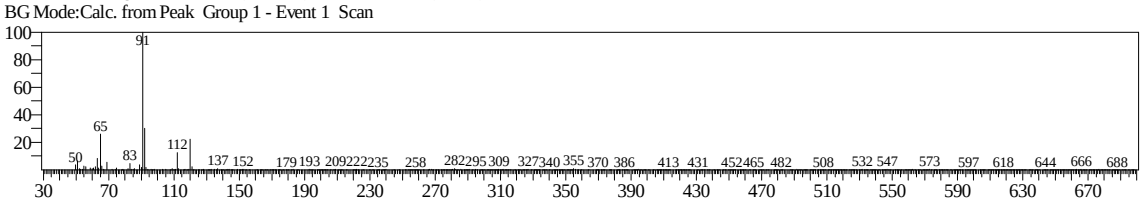
<< Target >>
Line#:4 R.Time:4.800(Scan#:217) MassPeaks:365
RawMode:Averaged 4.792-4.808(216-218) BasePeak:57.00(40923)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



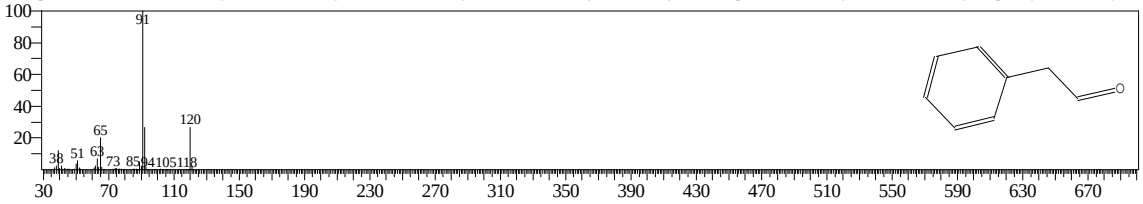
Hit#:1 Entry:94472 Library:WILEY8.LIB
SI:83 Formula:C8H18O3S CAS:18748-27-1 MolWeight:194 RetIndex:0
CompName:SULFUROUS ACID, BIS(2-METHYLPROPYL) ESTER $$ DI-ISOBUTYL SULPHITE $$ DIISOBUTYL SULFITE $$ DIISOBUTYL SULPHITE



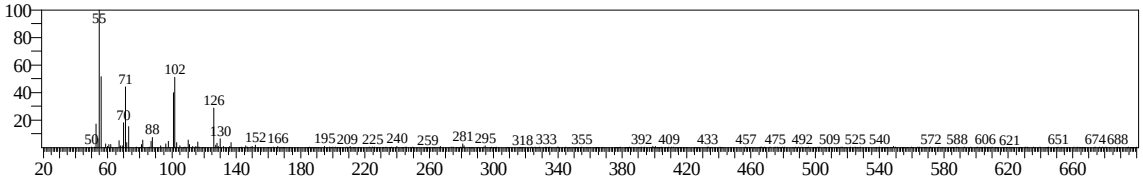
<< Target >>
Line#:5 R.Time:5.042(Scan#:246) MassPeaks:455
RawMode:Averaged 5.033-5.050(245-247) BasePeak:91.00(16045)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



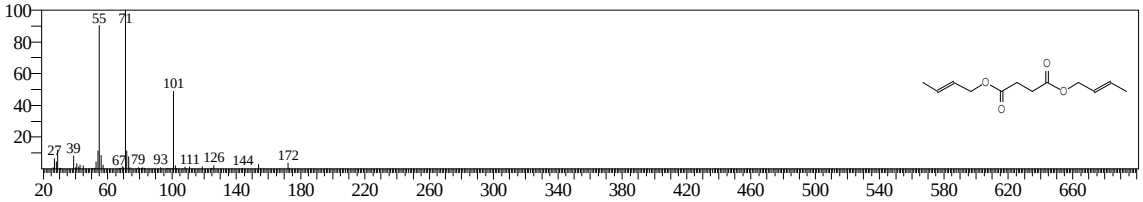
Hit#:1 Entry:19174 Library:Wiley9.lib
SI:88 Formula:C8H8O CAS:122-78-1 MolWeight:120 RetIndex:0
CompName:Benzeneacetaldehyde (CAS) $$ Hyacinthin $$ Phenylethanal $$ Phenylacetaldehyde $$ .alpha.-Tolualdehyde $$ Acetaldehyde, phenyl- $$ Phenylac



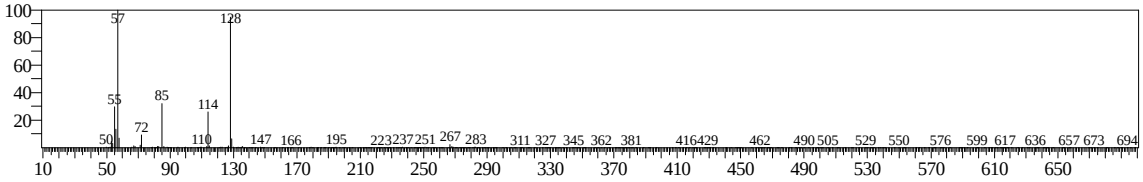
<< Target >>
Line#:6 R.Time:5.258(Scan#:272) MassPeaks:287
RawMode:Averaged 5.250-5.267(271-273) BasePeak:54.95(5155)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



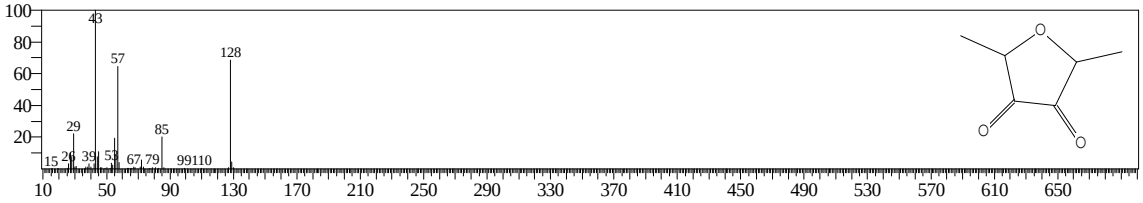
Hit#:1 Entry:97765 Library:NIST17.lib
SI:72 Formula:C12H18O4 CAS:0-00-0 MolWeight:226 RetIndex:1565
CompName:Succinic acid, di(but-2-en-1-yl) ester



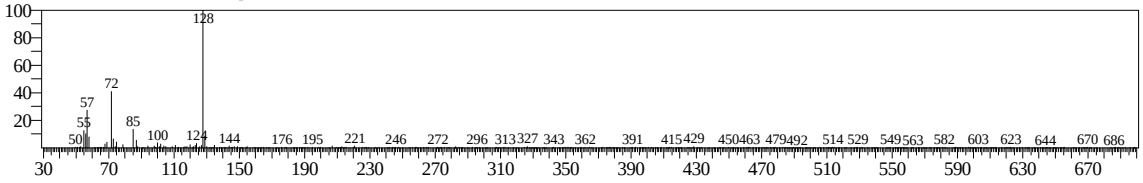
<< Target >>
Line#:7 R.Time:5.550(Scan#:307) MassPeaks:320
RawMode:Averaged 5.542-5.558(306-308) BasePeak:56.95(31812)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



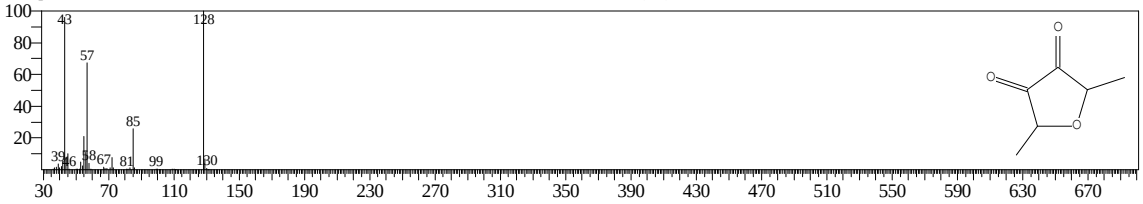
Hit#:1 Entry:13502 Library:NIST17.lib
SI:92 Formula:C6H8O3 CAS:68755-49-7 MolWeight:128 RetIndex:1053
CompName:2,5-Dimethylfuran-3,4(2H,5H)-dione



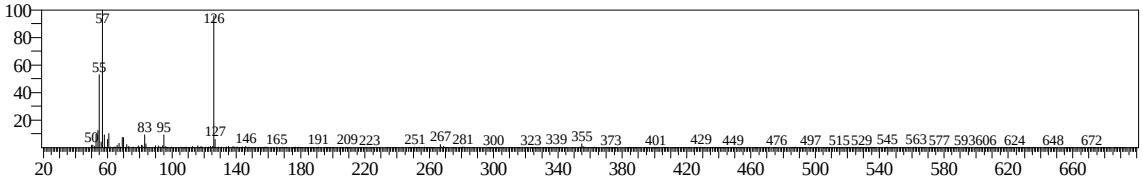
<< Target >>
Line#:8 R.Time:5.792(Scan#:336) MassPeaks:377
RawMode:Averaged 5.783-5.800(335-337) BasePeak:127.95(7258)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



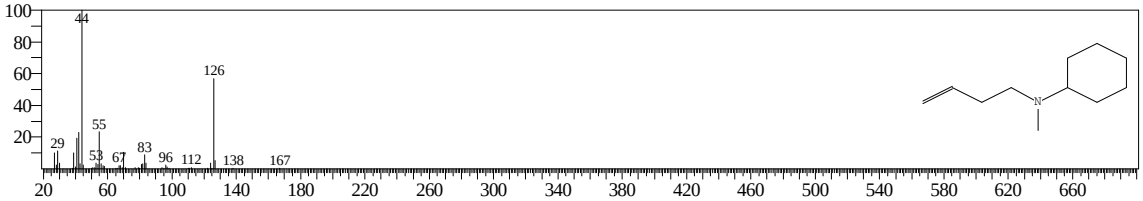
Hit#:1 Entry:21359 Library:WILEY8.LIB
SI:79 Formula:C6H8O3 CAS:3658-77-3 MolWeight:128 RetIndex:0
CompName:2,5-ANHYDRO-1,6-DIDEOXYHEXO-3,4-DIULOSE $$ 2,5-DIMETHYL-3(2H)FURANONE $$ 2,5-DIMETHYL-3-HYDROXY-4-OXO-4,5-DIH



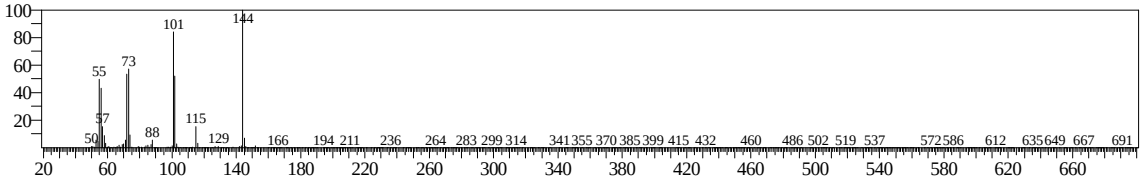
<< Target >>
Line#:9 R.Time:6.117(Scan#:375) MassPeaks:377
RawMode:Averaged 6.108-6.125(374-376) BasePeak:56.95(13287)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



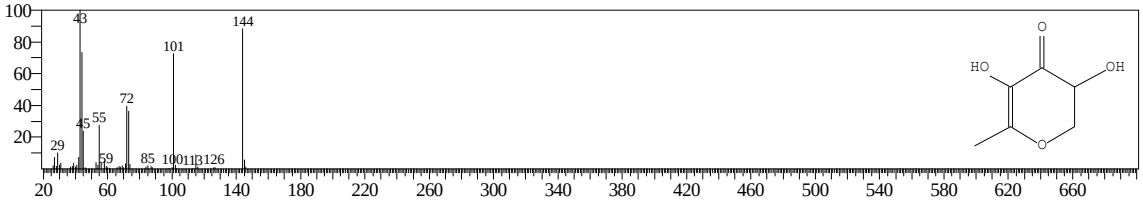
Hit#:1 Entry:78546 Library:Wiley9.lib
SI:77 Formula:C11H21N CAS:108144-20-3 MolWeight:167 RetIndex:0
CompName:N-(3-BUTENYL)-N-METHYLCYCLOHEXANAMINE # $$ CYCLOHEXANAMINE, N-3-BUTENYL-N-METHYL- $$ N-(3-BUTENYL)-N-CY



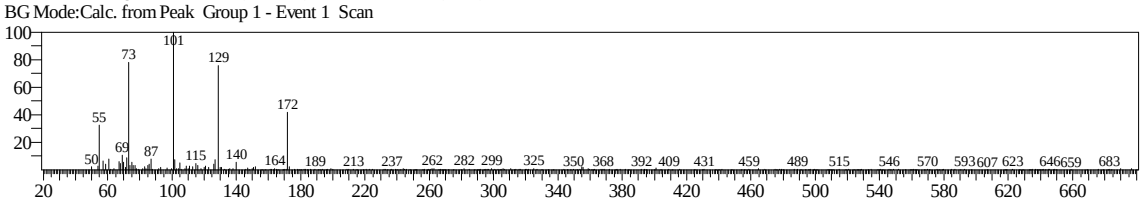
<< Target >>
Line#:10 R.Time:6.808(Scan#:458) MassPeaks:399
RawMode:Averaged 6.800-6.817(457-459) BasePeak:143.95(87075)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



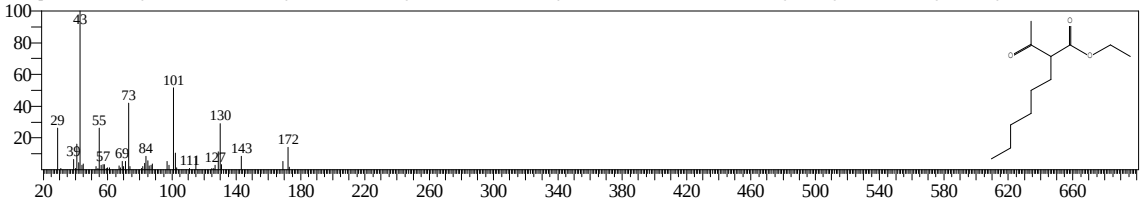
Hit#:1 Entry:22919 Library:NIST17.lib
SI:88 Formula:C6H8O4 CAS:28564-83-2 MolWeight:144 RetIndex:1269
CompName:4H-Pyran-4-one, 2,3-dihydro-3,5-dihydroxy-6-methyl-



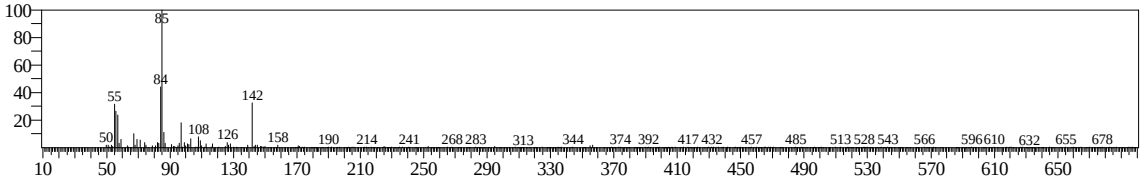

<< Target >>
Line#:11 R.Time:7.358(Scan#:524) MassPeaks:289
RawMode:Averaged 7.350-7.367(523-525) BasePeak:100.95(4127)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



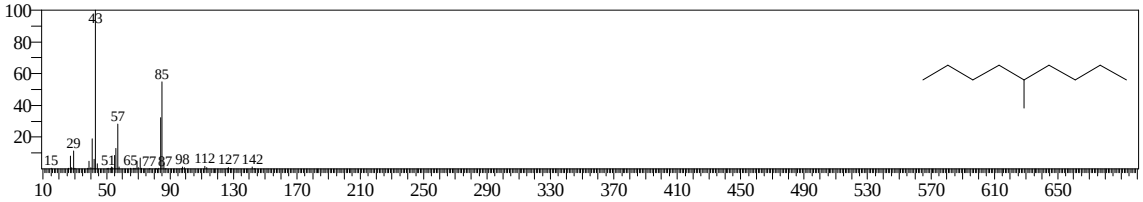
Hit#:1 Entry:174092 Library:Wiley9.lib
SI:76 Formula:C12H22O3 CAS:29214-60-6 MolWeight:214 RetIndex:0
CompName:2-Acetyl-octanoic acid, ethyl ester $$ n-Hexylacetoacetic acid ethyl ester $$ Octanoic acid, 2-acetyl-, ethyl ester $$ Ethyl 2-acetyloctanoate $$ ETH



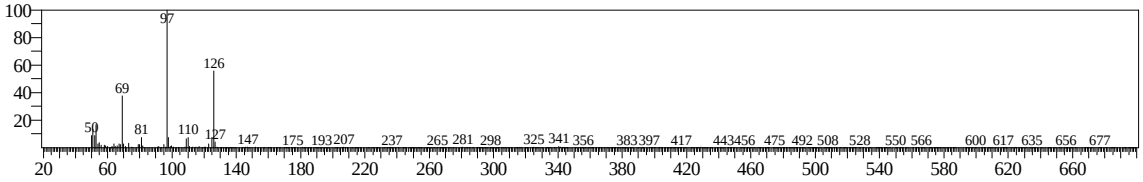
<< Target >>
Line#:12 R.Time:8.158(Scan#:620) MassPeaks:346
RawMode:Averaged 8.150-8.167(619-621) BasePeak:84.95(5808)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



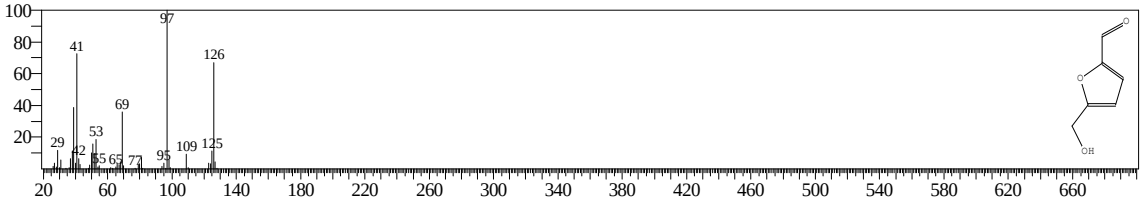
Hit#:1 Entry:22292 Library:NIST17.lib
SI:78 Formula:C10H22 CAS:15869-85-9 MolWeight:142 RetIndex:951
CompName:Nonane, 5-methyl-



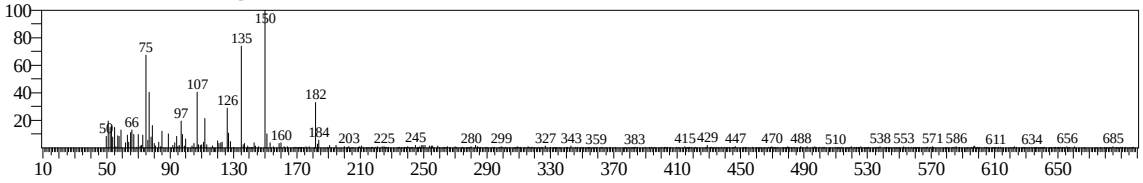
<< Target >>
Line#:13 R.Time:8.617(Scan#:675) MassPeaks:375
RawMode:Averaged 8.608-8.625(674-676) BasePeak:96.95(52569)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



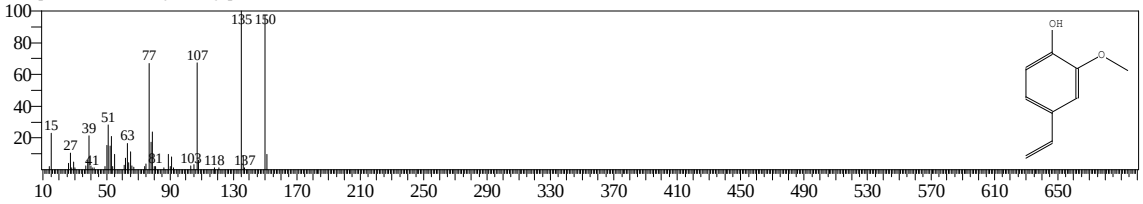
Hit#:1 Entry:12381 Library:NIST17.lib
SI:92 Formula:C6H6O3 CAS:67-47-0 MolWeight:126 RetIndex:1163
CompName:5-Hydroxymethylfurfural



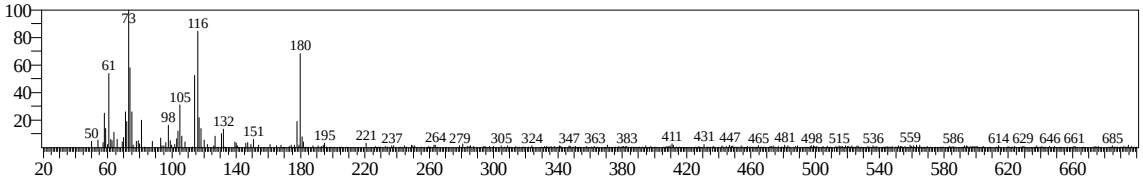
<< Target >>
Line#:14 R.Time:9.308(Scan#:758) MassPeaks:372
RawMode:Averaged 9.300-9.317(757-759) BasePeak:149.95(3056)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



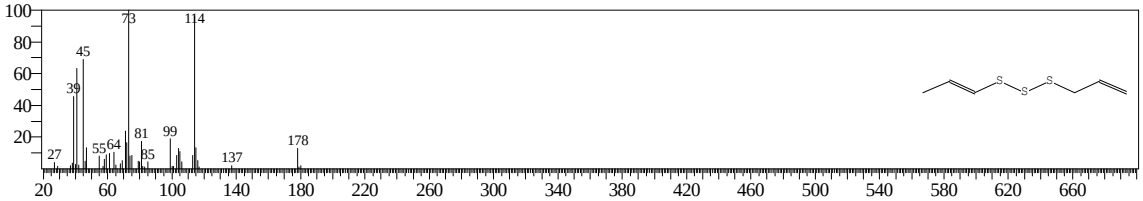
Hit#:1 Entry:26926 Library:NIST17.lib
SI:70 Formula:C9H10O2 CAS:7786-61-0 MolWeight:150 RetIndex:1293
CompName:2-Methoxy-4-vinylphenol



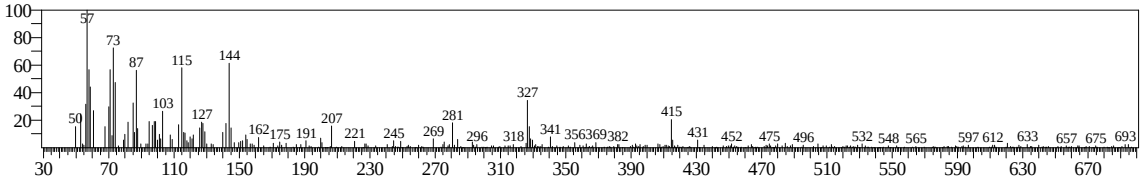
<< Target >>
Line#:15 R.Time:9.492(Scan#:780) MassPeaks:396
RawMode:Averaged 9.483-9.500(779-781) BasePeak:72.95(2098)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



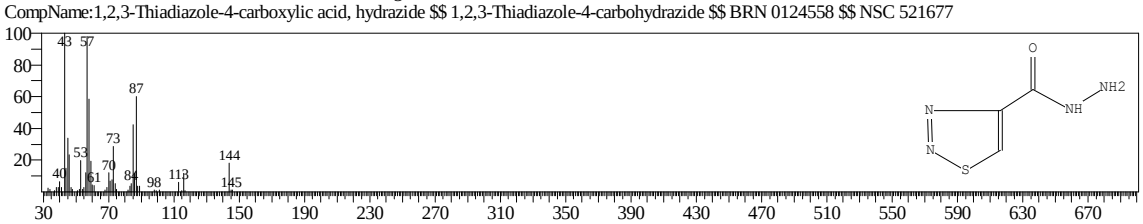
Hit#:1 Entry:49666 Library:NIST17.lib
SI:67 Formula:C6H10S3 CAS:382161-78-6 MolWeight:178 RetIndex:1368
CompName:(E)-1-Allyl-3-(prop-1-en-1-yl)trisulfane



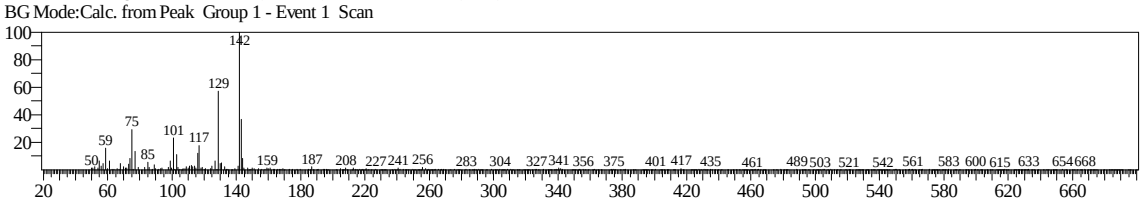
<< Target >>
Line#:16 R.Time:9.758(Scan#:812) MassPeaks:344
RawMode:Averaged 9.750-9.767(811-813) BasePeak:57.00(1078)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



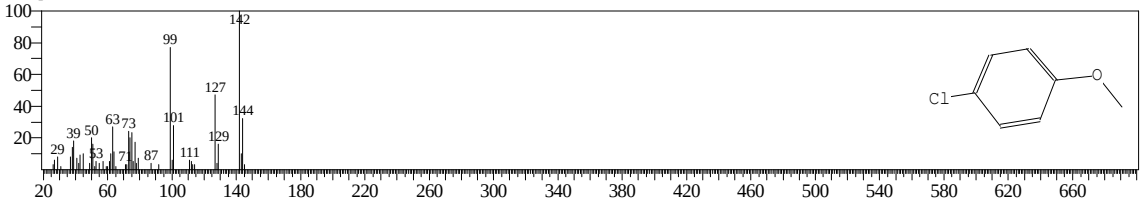
Hit#:1 Entry:42399 Library:Wiley9.lib
SI:64 Formula:C3H4N4OS CAS:4100-18-9 MolWeight:144 RetIndex:0
CompName:1,2,3-Thiadiazole-4-carboxylic acid, hydrazide $$ 1,2,3-Thiadiazole-4-carbohydrazide $$ BRN 0124558 $$ NSC 521677



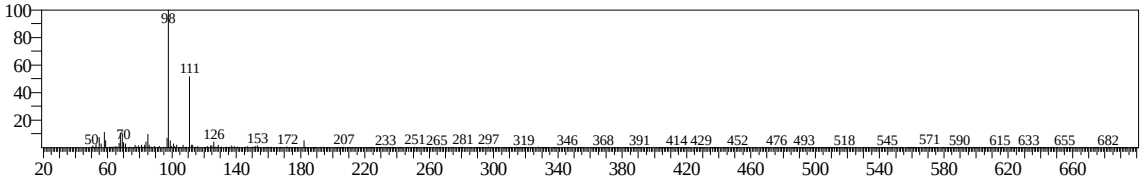
<< Target >>
Line#:17 R.Time:10.333(Scan#:881) MassPeaks:400
RawMode:Averaged 10.325-10.342(880-882) BasePeak:141.95(8920)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



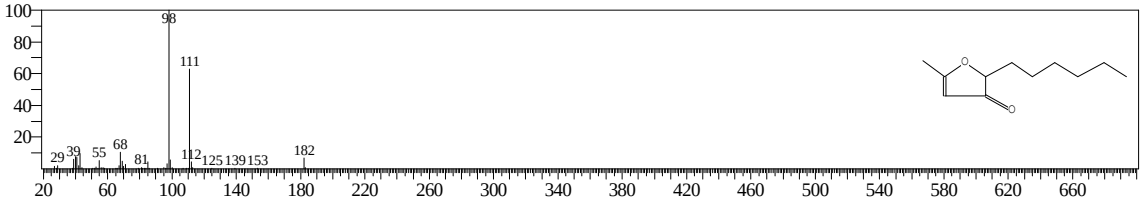
Hit#:1 Entry:33227 Library:WILEY8.LIB
SI:67 Formula:C7H7ClO CAS:623-12-1 MolWeight:142 RetIndex:0
CompName:BENZENE, 1-CHLORO-4-METHOXY- $$ 1-CHLORO-4-METHOXYBENZENE $$ 4-CHLOROANISOLE $$ 4-CHLOROMETHOXYBENZEN



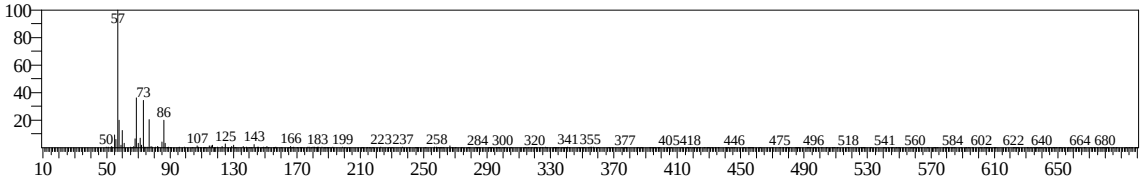
<< Target >>
Line#:18 R.Time:10.850(Scan#:943) MassPeaks:383
RawMode:Averaged 10.842-10.858(942-944) BasePeak:97.95(22167)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



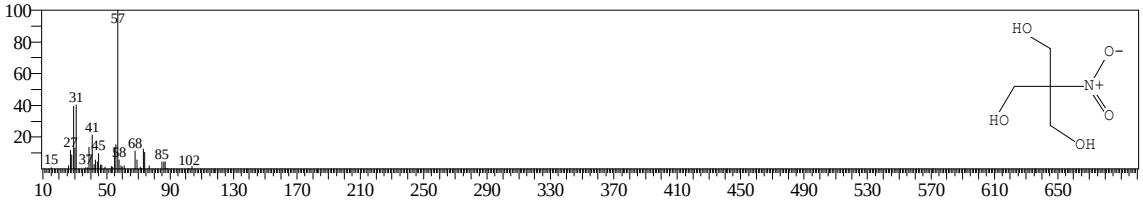
Hit#:1 Entry:54248 Library:NIST17.lib
SI:87 Formula:C11H18O2 CAS:33922-66-6 MolWeight:182 RetIndex:1390
CompName:3(2H)-Furanone, 2-hexyl-5-methyl-



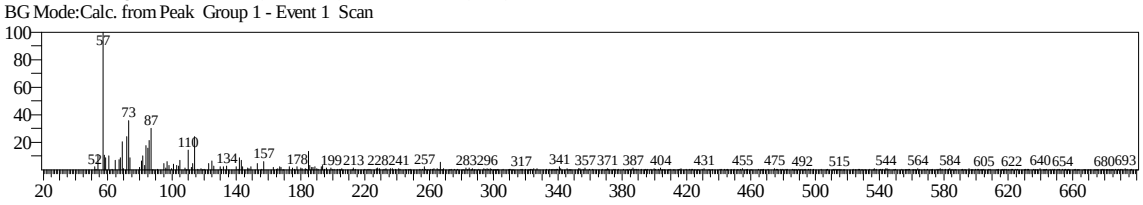
<< Target >>
Line#:19 R.Time:11.908(Scan#:1070) MassPeaks:305
RawMode:Averaged 11.900-11.917(1069-1071) BasePeak:57.00(20272)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



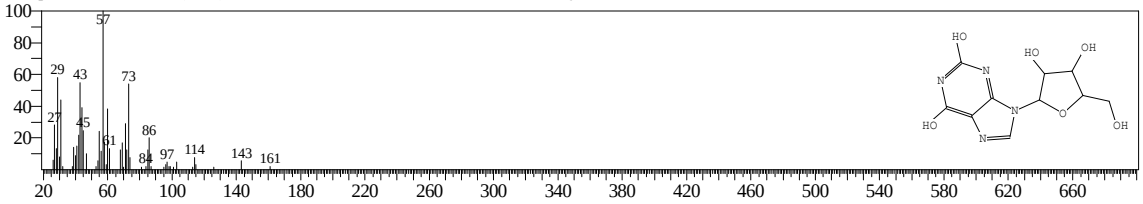
Hit#:1 Entry:27513 Library:NIST17.lib
SI:79 Formula:C4H9NO5 CAS:126-11-4 MolWeight:151 RetIndex:1444
CompName:1,3-Propanediol, 2-(hydroxymethyl)-2-nitro-



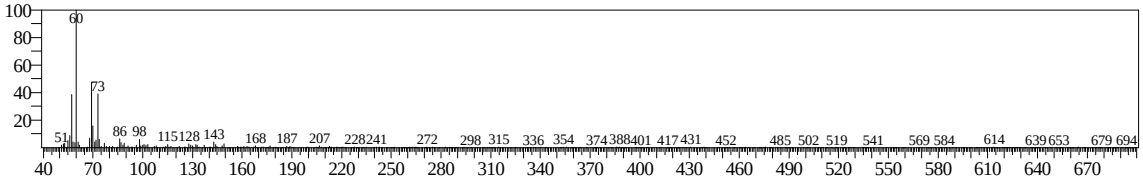
<< Target >>
Line#:20 R.Time:12.225(Scan#:1108) MassPeaks:383
RawMode:Averaged 12.217-12.233(1107-1109) BasePeak:57.00(4245)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



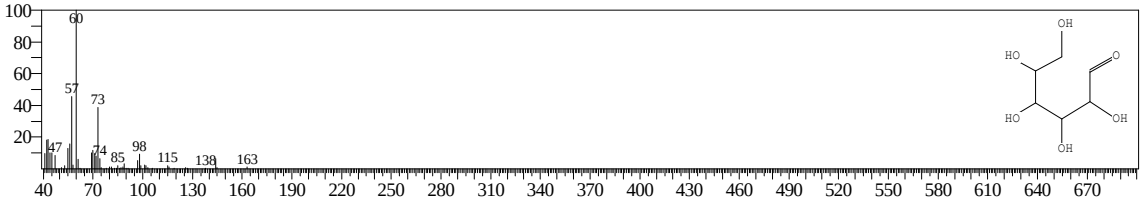
Hit#:1 Entry:337362 Library:Wiley9.lib
SI:66 Formula:C10H12N4O6 CAS:146-80-5 MolWeight:284 RetIndex:0
CompName:Xanthosine (CAS) $$ Xanthine riboside $$ 9-.beta.-D-Ribofuranosylxanthine $$ .beta.-D-Ribofuranoside, xanthine-9 $$ 1H-Purine-2,6-dione, 3,9-



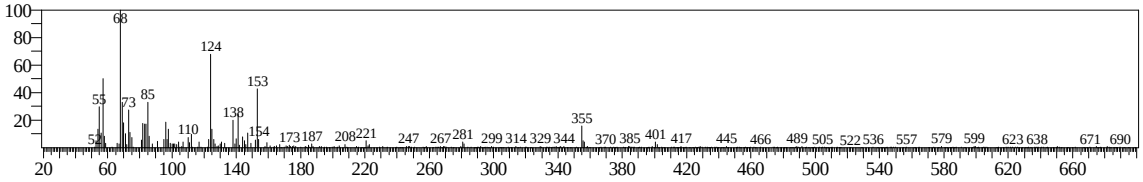
<< Target >>
Line#:21 R.Time:12.442(Scan#:1134) MassPeaks:323
RawMode:Averaged 12.433-12.450(1133-1135) BasePeak:59.95(11620)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



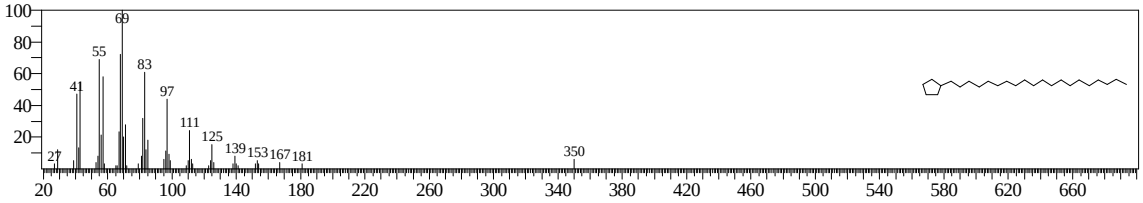
Hit#:1 Entry:51526 Library:NIST17.lib
SI:83 Formula:C6H12O6 CAS:2595-97-3 MolWeight:180 RetIndex:1698
CompName:D-Allose



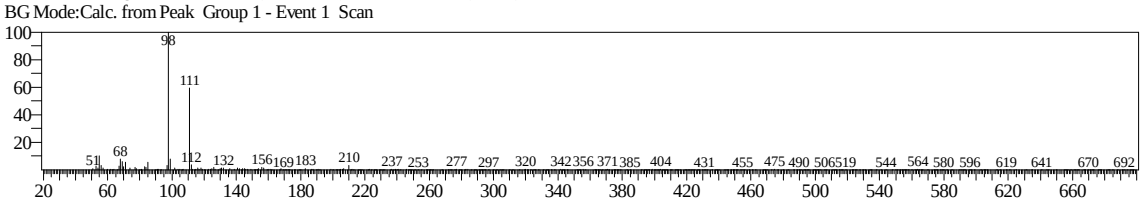
<< Target >>
Line#:22 R.Time:13.017(Scan#:1203) MassPeaks:372
RawMode:Averaged 13.008-13.025(1202-1204) BasePeak:68.00(4390)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



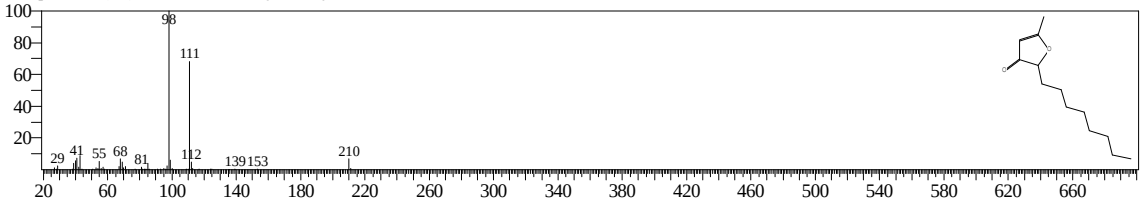
Hit#:1 Entry:228935 Library:NIST17.lib
SI:70 Formula:C25H50 CAS:0-00-0 MolWeight:350 RetIndex:2549
CompName:1-Cyclopentyleicosane



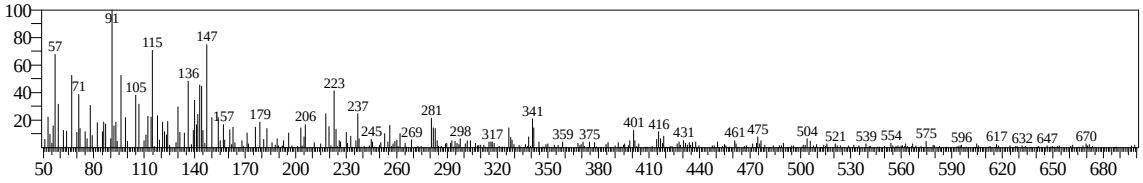
<< Target >>
Line#:23 R.Time:13.492(Scan#:1260) MassPeaks:366
RawMode:Averaged 13.483-13.500(1259-1261) BasePeak:97.95(16029)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



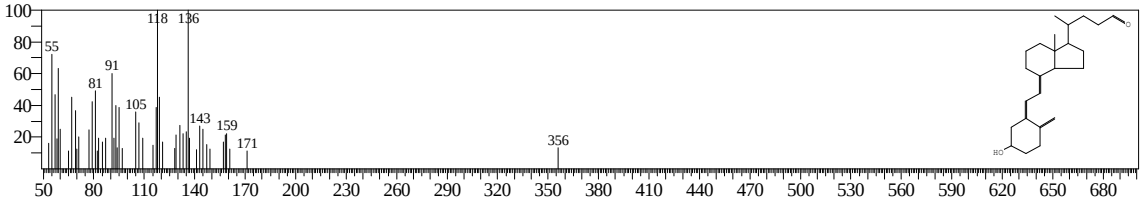
Hit#:1 Entry:81475 Library:NIST17.lib
SI:89 Formula:C13H22O2 CAS:57877-72-2 MolWeight:210 RetIndex:1588
CompName:3(2H)-Furanone, 5-methyl-2-octyl-



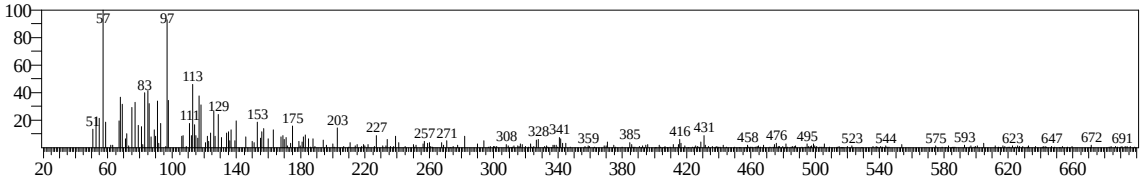
<< Target >>
Line#:24 R.Time:13.758(Scan#:1292) MassPeaks:345
RawMode:Averaged 13.750-13.767(1291-1293) BasePeak:90.95(618)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



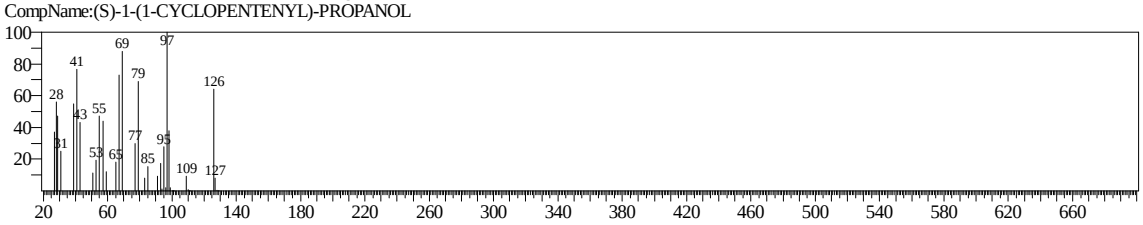
Hit#:1 Entry:234363 Library:NIST17.lib
SI:44 Formula:C24H36O2 CAS:40013-88-5 MolWeight:356 RetIndex:2760
CompName:9,10-Secochola-5,7,10(19)-trien-24-al, 3-hydroxy-, (3.beta.,5Z,7E)-



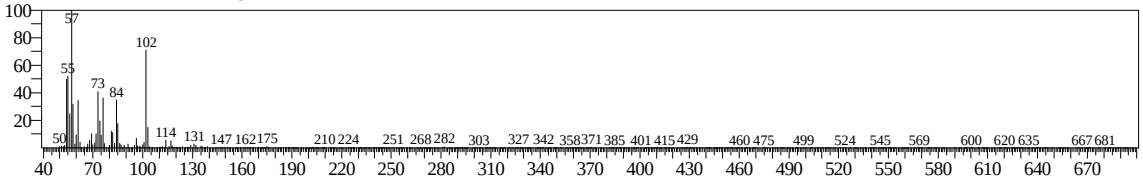
<< Target >>
Line#:25 R.Time:13.992(Scan#:1320) MassPeaks:311
RawMode:Averaged 13.983-14.000(1319-1321) BasePeak:57.00(1054)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



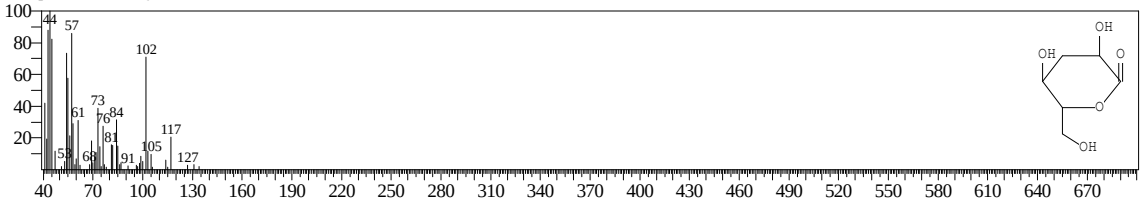
Hit#:1 Entry:20392 Library:WILEY8.LIB
SI:57 Formula:C8H14O CAS:0-00-0 MolWeight:126 RetIndex:0
CompName:(S)-1-(1-CYCLOPENTENYL)-PROPANOL



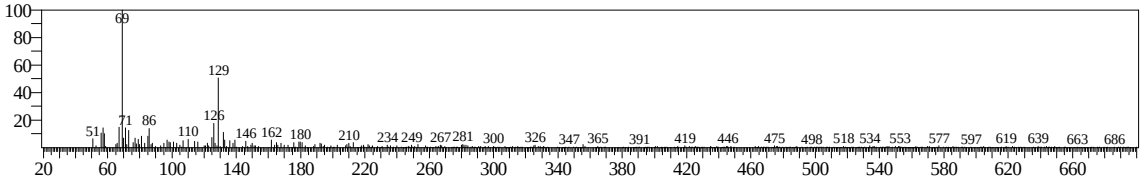
<< Target >>
Line#:26 R.Time:14.233(Scan#:1349) MassPeaks:428
RawMode:Averaged 14.225-14.242(1348-1350) BasePeak:57.00(24814)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



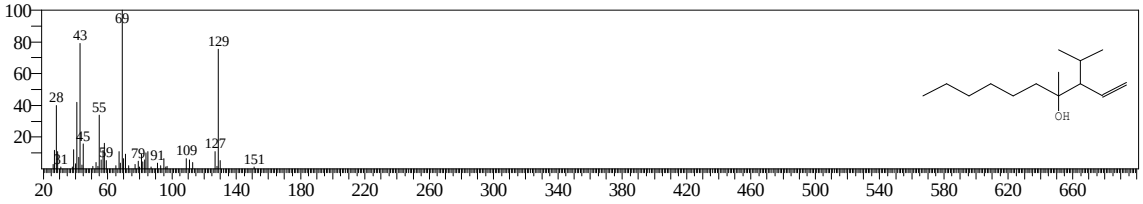
Hit#:1 Entry:36075 Library:NIST17.lib
SI:91 Formula:C6H10O5 CAS:0-00-0 MolWeight:162 RetIndex:1625
CompName:3-Deoxy-d-mannoic lactone



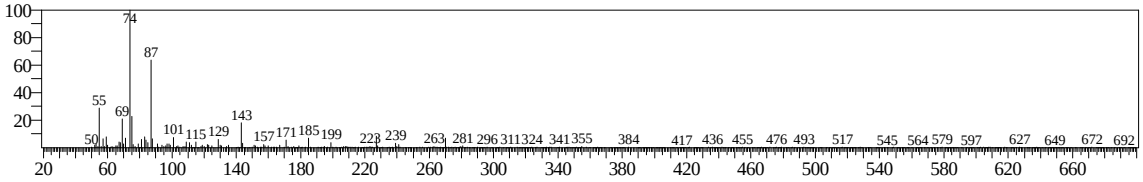
<< Target >>
Line#:27 R.Time:15.425(Scan#:1492) MassPeaks:408
RawMode:Averaged 15.417-15.433(1491-1493) BasePeak:69.00(3420)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



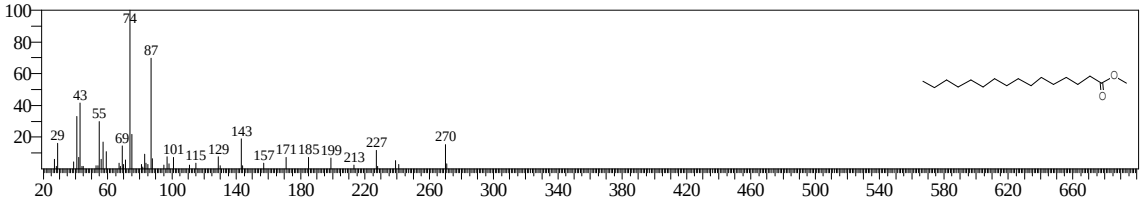
Hit#:1 Entry:121968 Library:WILEY8.LIB
SI:64 Formula:C14H28O CAS:0-00-0 MolWeight:212 RetIndex:0
CompName:3-ISOPROPYL-4-METHYL-1-DECEN-4-OL $$ 3-ISOPROPYL-4-METHYL-DEC-1-EN-4-OL



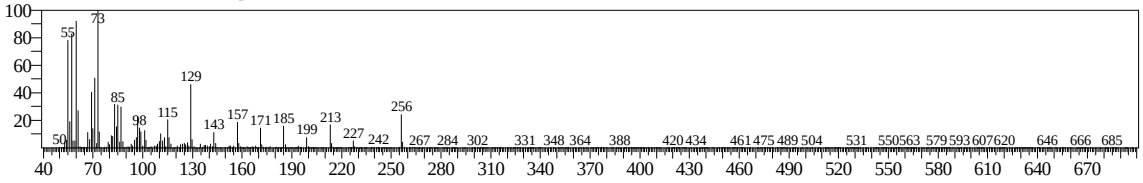
<< Target >>
Line#:28 R.Time:17.417(Scan#:1731) MassPeaks:440
RawMode:Averaged 17.408-17.425(1730-1732) BasePeak:74.00(10002)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



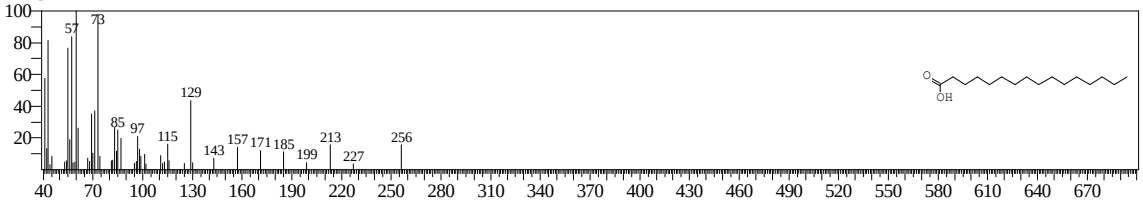
Hit#:1 Entry:201988 Library:WILEY8.LIB
SI:90 Formula:C17H34O2 CAS:112-39-0 MolWeight:270 RetIndex:0
CompName:HEXADECANOIC ACID, METHYL ESTER $$ METHYL HEXADECANOATE $$ PALMITIC ACID METHYL ESTER $$ AI3-03509 $$ AIDS-0



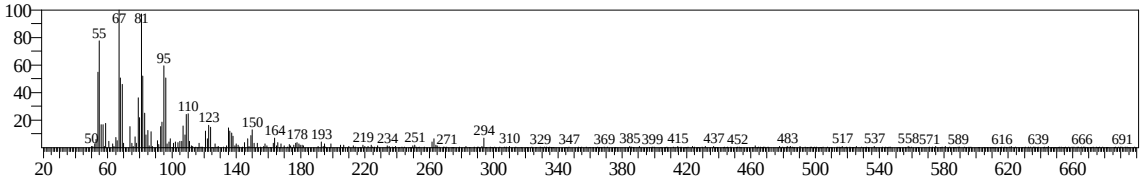
<< Target >>
Line#:29 R.Time:18.308(Scan#:1838) MassPeaks:414
RawMode:Averaged 18.300-18.317(1837-1839) BasePeak:73.00(21477)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



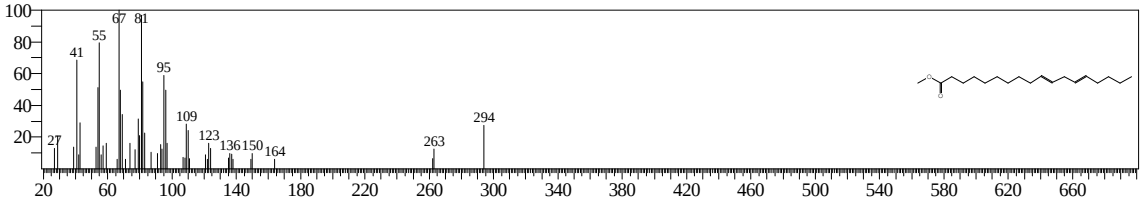
Hit#:1 Entry:129354 Library:NIST17.lib
SI:95 Formula:C16H32O2 CAS:57-10-3 MolWeight:256 RetIndex:1968
CompName:n-Hexadecanoic acid



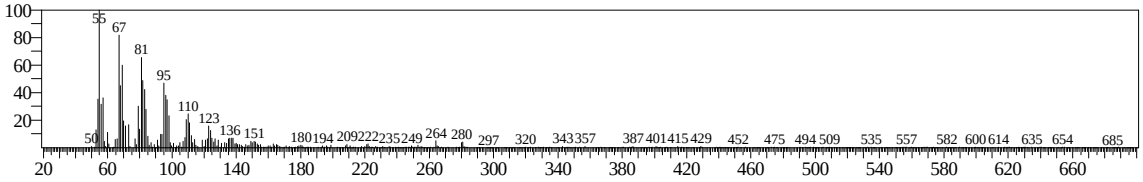
<< Target >>
Line#:30 R.Time:21.308(Scan#:2198) MassPeaks:367
RawMode:Averaged 21.300-21.317(2197-2199) BasePeak:67.00(3184)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



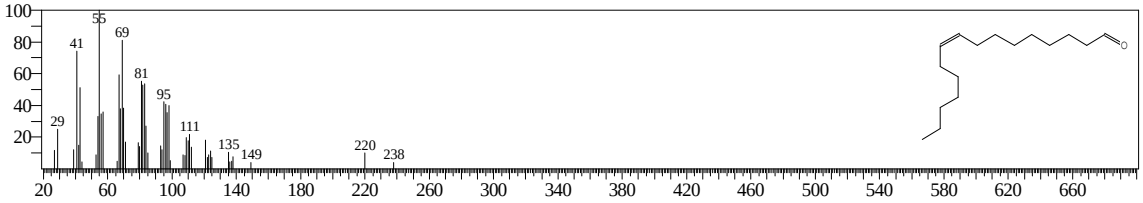
Hit#:1 Entry:90954 Library:NIST147.LIB
SI:93 Formula:C19H34O2 CAS:56554-62-2 MolWeight:294 RetIndex:0
CompName:10,13-Octadecadienoic acid, methyl ester $$ Methyl (10E,13E)-10,13-octadecadienoate # $$



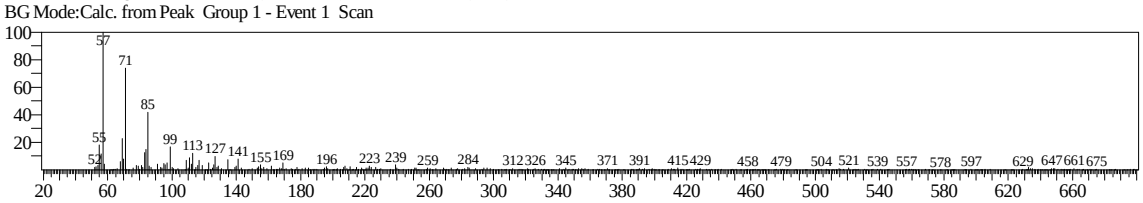
<< Target >>
Line#:31 R.Time:22.467(Scan#:2337) MassPeaks:428
RawMode:Averaged 22.458-22.475(2336-2338) BasePeak:55.00(7065)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



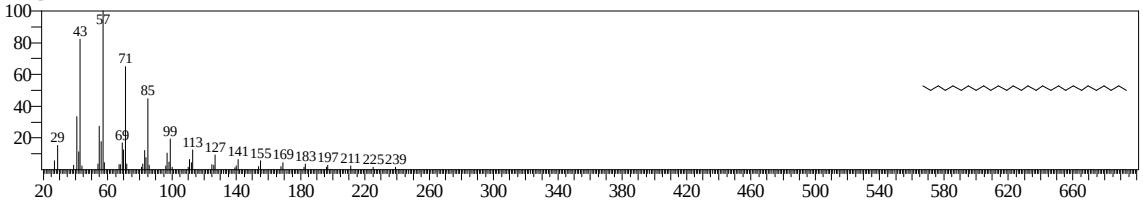
Hit#:1 Entry:61354 Library:NIST147.LIB
SI:90 Formula:C16H30O CAS:56219-04-6 MolWeight:238 RetIndex:0
CompName:cis-9-Hexadecenal $$ 9-Hexadecenal, (Z)- $$ (Z)-9-Hexadecenal $$ Z-9-Hexadecenal $$ (9Z)-9-Hexadecenal # $$



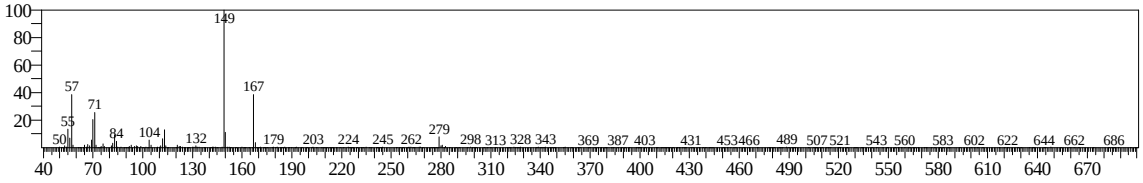
<< Target >>
Line#:32 R.Time:29.558(Scan#:3188) MassPeaks:357
RawMode:Averaged 29.550-29.567(3187-3189) BasePeak:57.00(4404)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



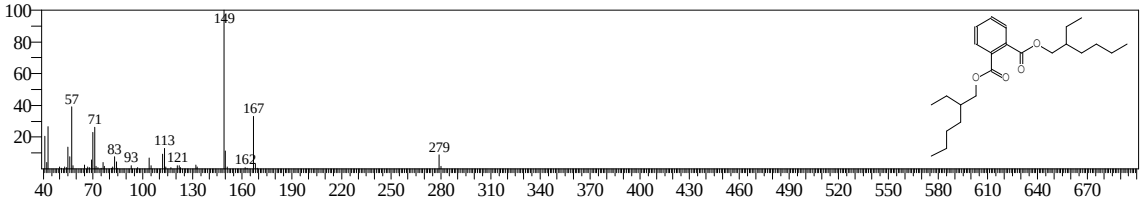
Hit#:1 Entry:261929 Library:NIST17.lib
SI:85 Formula:C28H58 CAS:630-02-4 MolWeight:394 RetIndex:2804
CompName:Octacosane



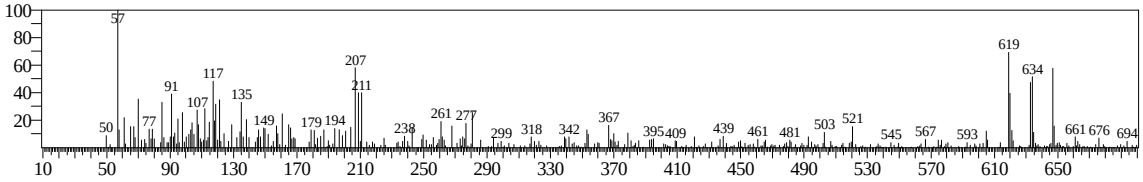
<< Target >>
Line#:33 R.Time:30.133(Scan#:3257) MassPeaks:318
RawMode:Averaged 30.125-30.142(3256-3258) BasePeak:148.95(23577)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



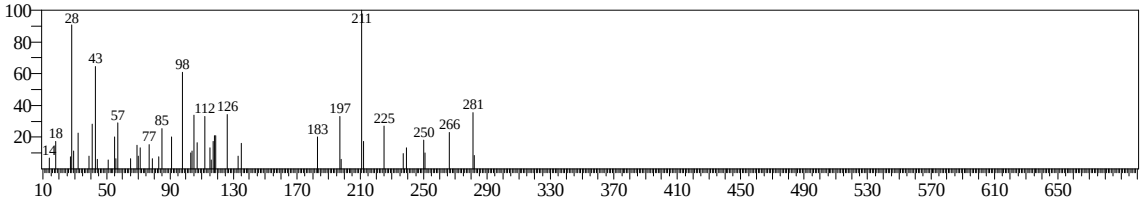
Hit#:1 Entry:328368 Library:WILEY8.LIB
SI:96 Formula:C24H38O4 CAS:117-81-7 MolWeight:390 RetIndex:0
CompName:1,2-BENZENEDICARBOXYLIC ACID $$ 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER $$ 1, 2-BENZENEDICARB



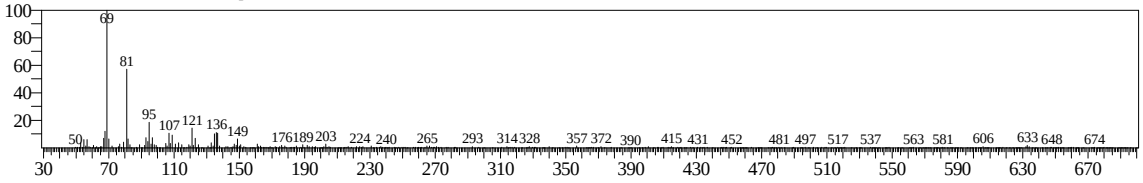
<< Target >>
Line#:34 R.Time:33.575(Scan#:3670) MassPeaks:362
RawMode:Averaged 33.567-33.583(3669-3671) BasePeak:57.00(826)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



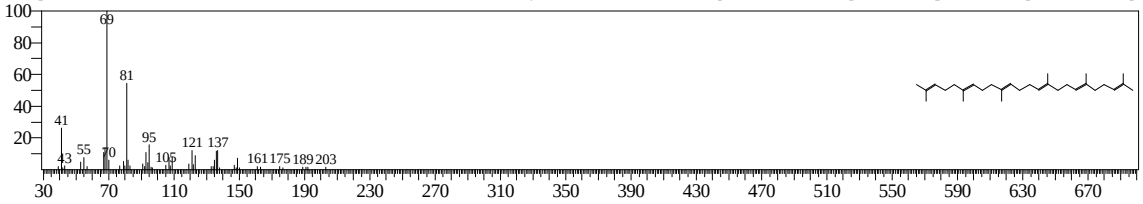
Hit#:1 Entry:451647 Library:Wiley9.lib
SI:43 Formula:C24H34O CAS:55190-99-3 MolWeight:338 RetIndex:0
CompName:Benzene, 1,1'-oxybis[(1,1-dimethylbutyl)- (CAS) $$ BIS(AR-(1,1-DIMETHYLBUTYL)PHENYL) ETHER $$ Benzene, 1,1'-oxybis@(1,1-dimethyl



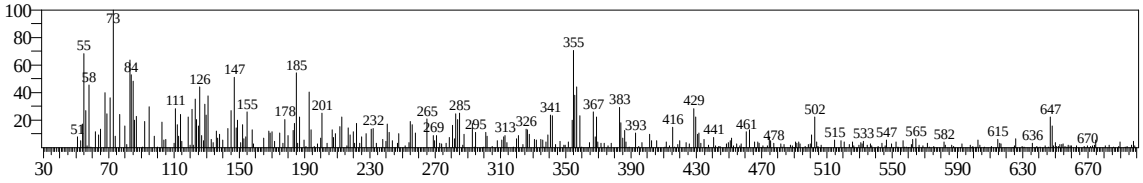
<< Target >>
Line#:35 R.Time:34.625(Scan#:3796) MassPeaks:375
RawMode:Averaged 34.617-34.633(3795-3797) BasePeak:69.00(10588)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



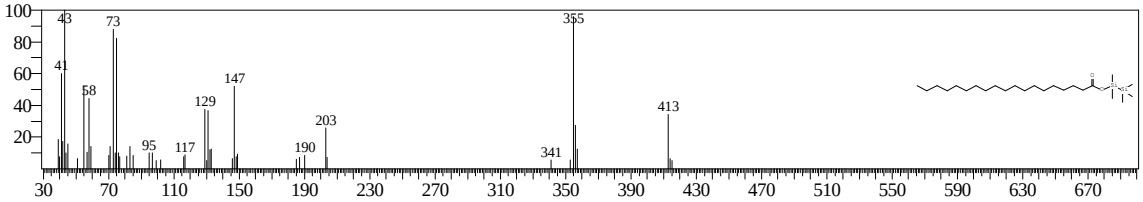
Hit#:1 Entry:131782 Library:NIST147.LIB
SI:91 Formula:C30H50 CAS:111-02-4 MolWeight:410 RetIndex:0
CompName:2,6,10,14,18,22-Tetracosahexaene, 2,6,10,15,19,23-hexamethyl-, (all-E)- $$ All-trans-Squalene $$ trans-Squalene $$ Spinacen $$ Spinacene $$ Squ



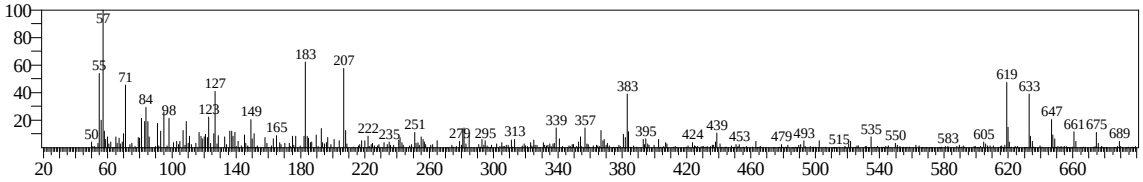
<< Target >>
Line#:36 R.Time:35.108(Scan#:3854) MassPeaks:346
RawMode:Averaged 35.100-35.117(3853-3855) BasePeak:73.00(657)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



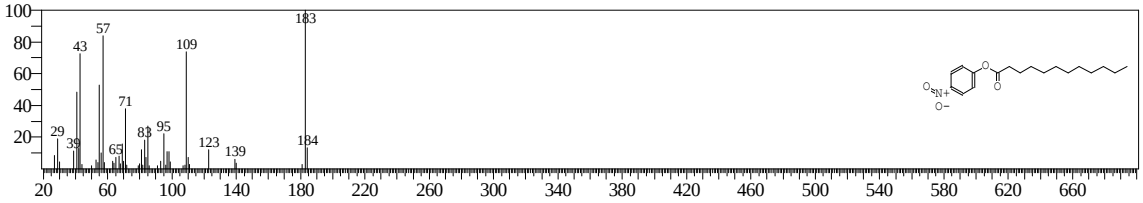
Hit#:1 Entry:134583 Library:NIST147.LIB
SI:46 Formula:C24H52O2Si2 CAS:0-00-0 MolWeight:428 RetIndex:0
CompName:n-Nonadecanoic acid, pentamethyldisilyl ester $$ 1,1,2,2,2-Pentamethyldisilanyl nonadecanoate # $$



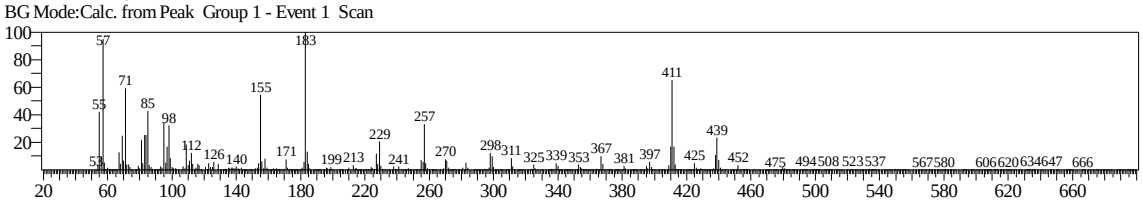
<< Target >>
Line#:37 R.Time:35.317(Scan#:3879) MassPeaks:400
RawMode:Averaged 35.308-35.325(3878-3880) BasePeak:57.00(2155)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



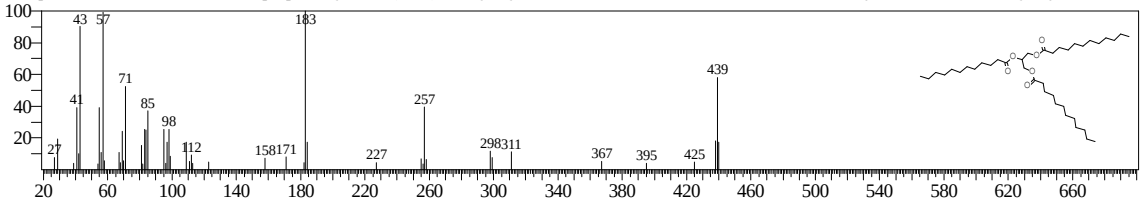
Hit#:1 Entry:199362 Library:NIST17.lib
SI:54 Formula:C18H27NO4 CAS:1956-11-2 MolWeight:321 RetIndex:2450
CompName:4-Nitrophenyl laurate



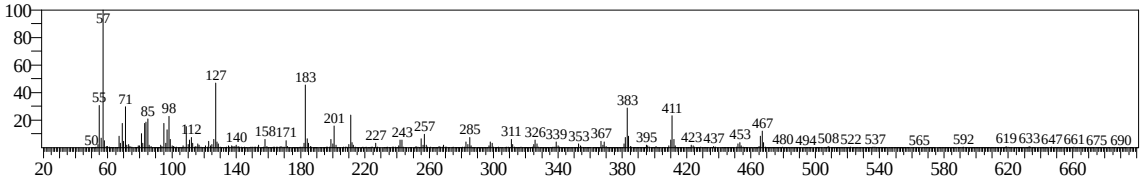
<< Target >>
Line#:38 R.Time:39.042(Scan#:4326) MassPeaks:472
RawMode:Averaged 39.033-39.050(4325-4327) BasePeak:183.00(57502)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



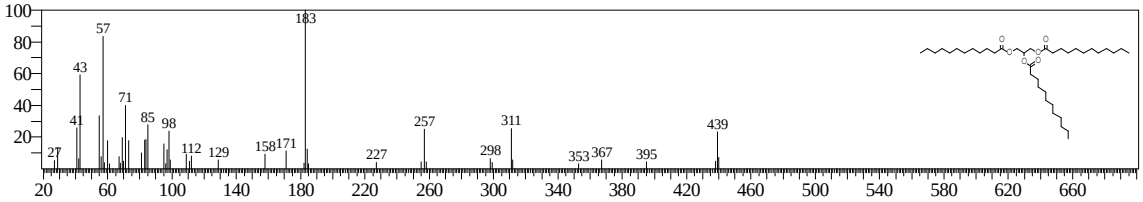
Hit#:1 Entry:649449 Library:Wiley9.lib
SI:83 Formula:C39H74O6 CAS:538-24-9 MolWeight:638 RetIndex:0
CompName:Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) $$ Glyceryl tridodecanoate $$ Trilaurin $$ Laurin, tri- $$ Glycerol trilaurate $$ Glyceryl trilaurate $



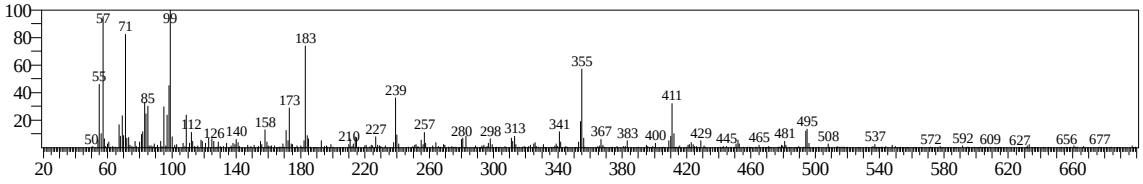
<< Target >>
Line#:39 R.Time:39.775(Scan#:4414) MassPeaks:589
RawMode:Averaged 39.767-39.783(4413-4415) BasePeak:57.00(150066)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



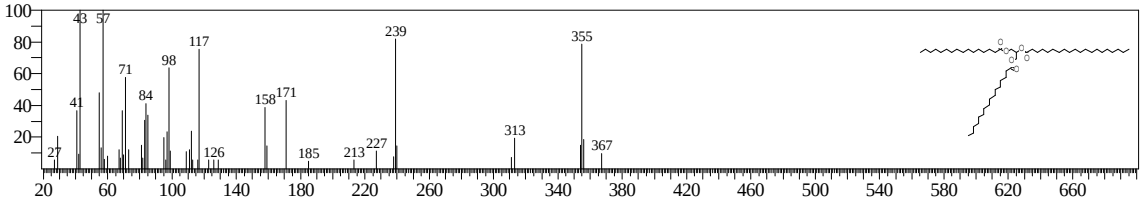
Hit#:1 Entry:304375 Library:NIST17.lib
SI:68 Formula:C39H74O6 CAS:538-24-9 MolWeight:638 RetIndex:4336
CompName:Dodecanoic acid, 1,2,3-propanetriyl ester



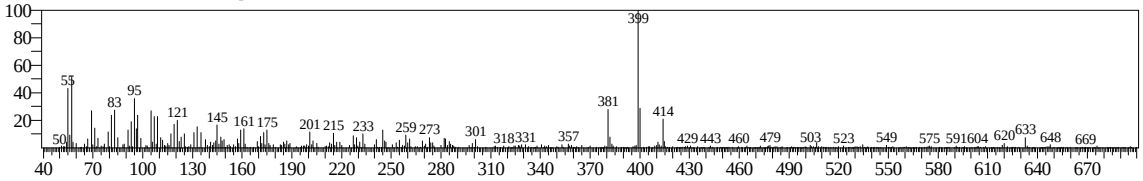
<< Target >>
Line#:40 R.Time:41.075(Scan#:4570) MassPeaks:346
RawMode:Averaged 41.067-41.083(4569-4571) BasePeak:99.00(4556)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



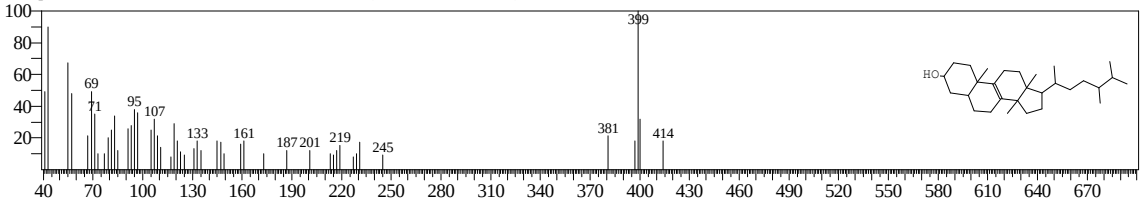

Hit#:1 Entry:306367 Library:NIST17.lib
SI:71 Formula:C55H106O6 CAS:56630-28-5 MolWeight:862 RetIndex:5926
CompName:Eicosanoic acid, 2-[(1-oxohexadecyl)oxy]-1-[[(1-oxohexadecyl)oxy]methyl]ethyl ester




<< Target >>
Line#:41 R.Time:42.183(Scan#:4703) MassPeaks:463
RawMode:Averaged 42.175-42.192(4702-4704) BasePeak:399.00(4802)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan




Hit#:1 Entry:343787 Library:WILEY8.LIB
SI:83 Formula:C29H50O CAS:33860-48-9 MolWeight:414 RetIndex:0
CompName:ERGOST-8-EN-3-OL, 14-METHYL-, (3.BETA.,5.ALPHA.)- $$ 14-METHYLERGOST-8-EN-3-OL # $$ 14-METHYLERGOST-8-EN-3-OL $$ 14.



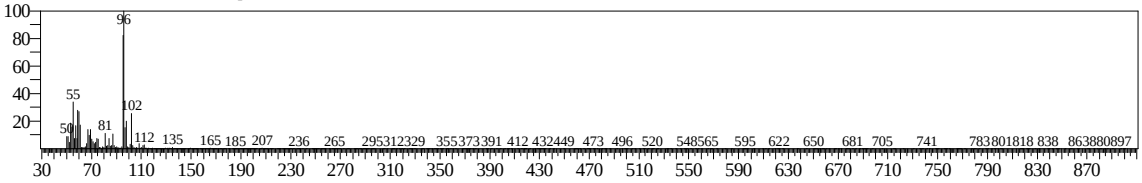
Library

<< Target >>

Line#:1 R.Time:3.033(Scan#:5) MassPeaks:426

RawMode:Averaged 3.025-3.042(4-6) BasePeak:96.15(139634)

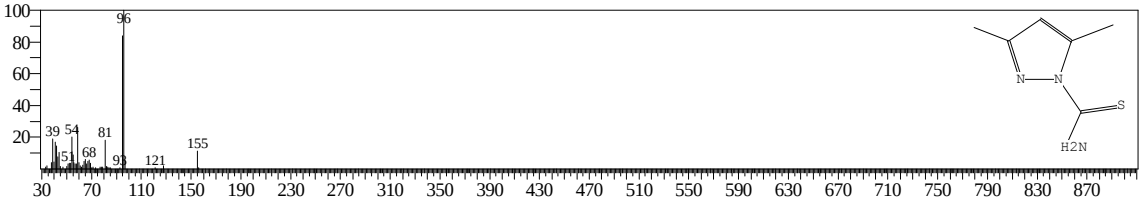
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:1 Entry:31195 Library:NIST17.lib

SI:77 Formula:C6H9N3S CAS:1124-15-8 MolWeight:155 RetIndex:1523

CompName:1H-Pyrazole-1-carbothioamide, 3,5-dimethyl-

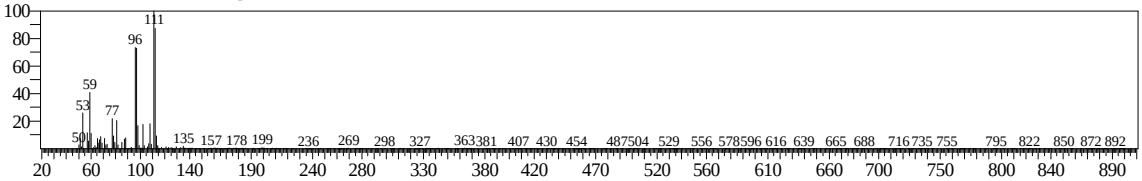


<< Target >>

Line#:2 R.Time:3.175(Scan#:22) MassPeaks:402

RawMode:Averaged 3.167-3.183(21-23) BasePeak:111.20(15416)

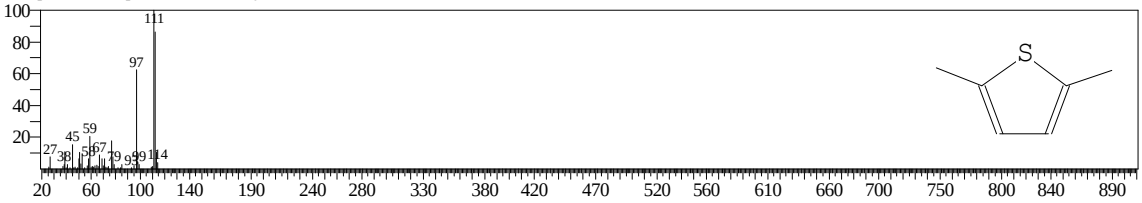
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:1 Entry:2821 Library:NIST27.LIB

SI:77 Formula:C6H8S CAS:638-02-8 MolWeight:112 RetIndex:0

CompName:Thiophene, 2,5-dimethyl-

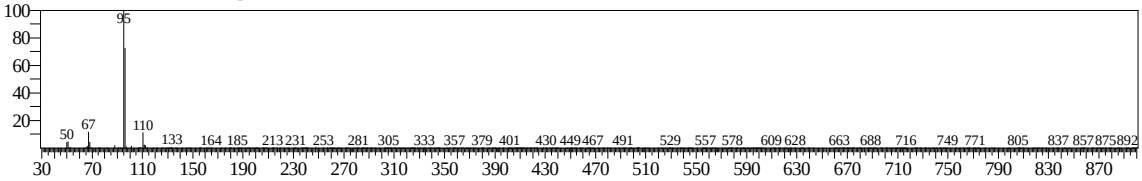


<< Target >>

Line#:3 R.Time:3.242(Scan#:30) MassPeaks:374

RawMode:Averaged 3.233-3.250(29-31) BasePeak:95.15(54302)

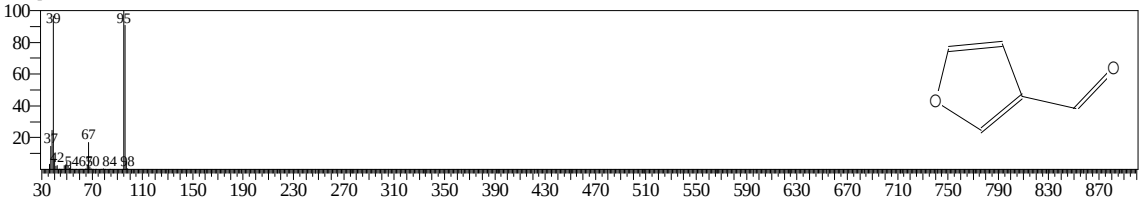
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



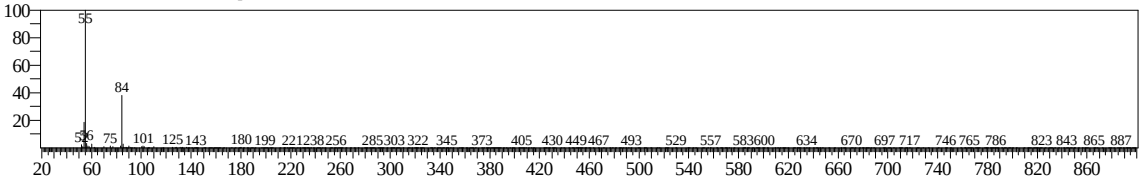
Hit#:1 Entry:5563 Library:WILEY8.LIB

SI:91 Formula:C5H4O2 CAS:498-60-2 MolWeight:96 RetIndex:0

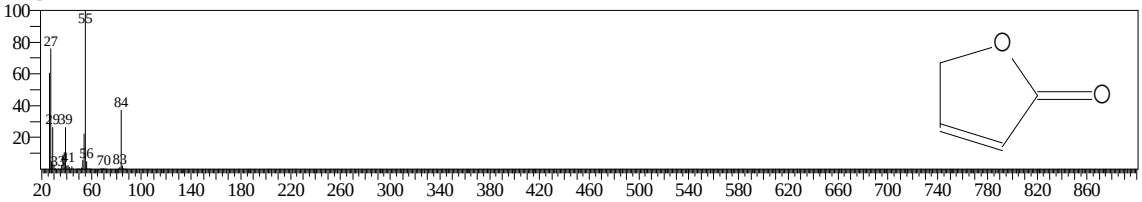
CompName:3-FURALDEHYDE $$ 3-FURANCARBOXALDEHYDE $$ FURAN-3-ALDEHYDE



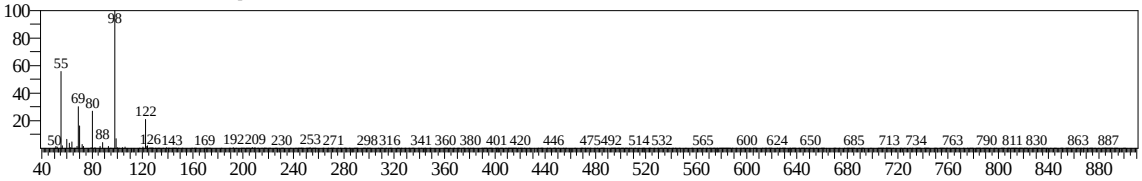
<< Target >>
Line#:4 R.Time:3.300(Scan#:37) MassPeaks:390
RawMode:Averaged 3.292-3.308(36-38) BasePeak:55.10(41316)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



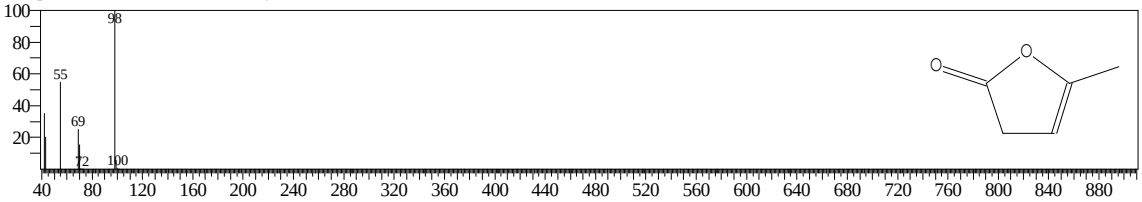
Hit#:1 Entry:2841 Library:WILEY8.LIB
SI:93 Formula:C4H4O2 CAS:497-23-4 MolWeight:84 RetIndex:0
CompName:.ALPHA.,.BETA.-CROTONOLACTONE $$ .DELTA.,.ALPHA.,.BETA.-BUTENOLIDE $$ .DELTA..ALPHA.,.BETA.-BUTENOLIDE $$ .DELTA..



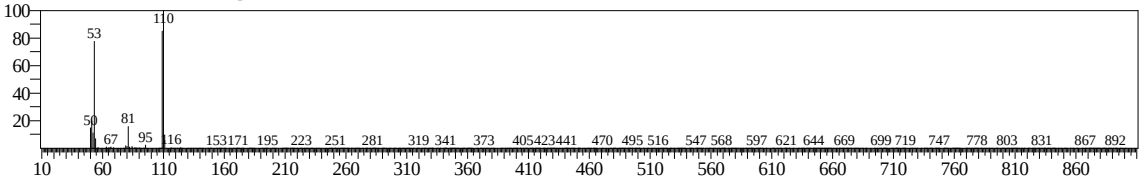
<< Target >>
Line#:5 R.Time:3.467(Scan#:57) MassPeaks:403
RawMode:Averaged 3.458-3.475(56-58) BasePeak:98.20(31894)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



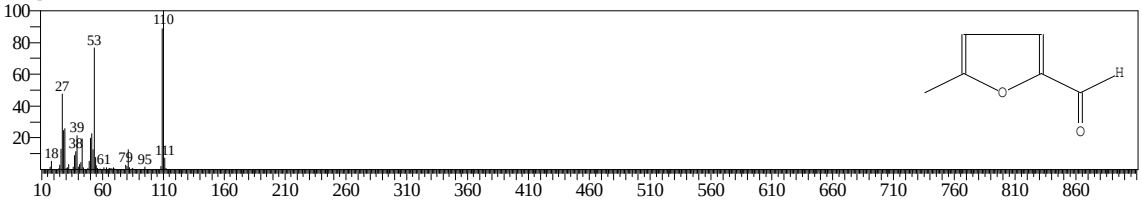
Hit#:1 Entry:6683 Library:Wiley9.lib
SI:81 Formula:C5H6O2 CAS:591-12-8 MolWeight:98 RetIndex:0
CompName:2(3H)-Furanone, 5-methyl- (CAS) $$ 5-METHYL-2-OXO-2,3-DIHYDROFURAN $$ 5-METHYL-3-HYDROFURAN-2-ONE $$ 3-Pentenoic acid



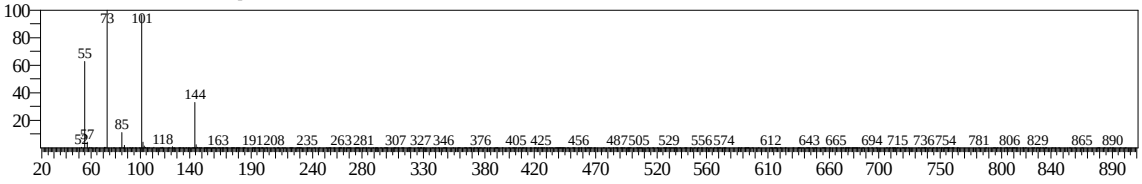
<< Target >>
Line#:6 R.Time:3.850(Scan#:103) MassPeaks:491
RawMode:Averaged 3.842-3.858(102-104) BasePeak:110.20(289701)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



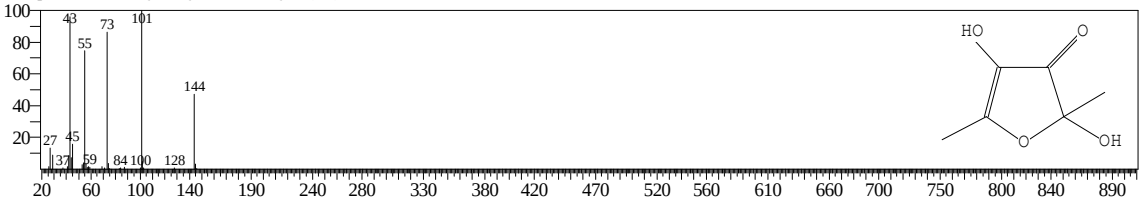
Hit#:1 Entry:10708 Library:WILEY8.LIB
SI:97 Formula:C6H6O2 CAS:620-02-0 MolWeight:110 RetIndex:0
CompName:2-FURANCARBOXALDEHYDE, 5-METHYL- $$ 5-METHYLFURAN-2-CARBALDEHYDE $$ 2-FORMYL-5-METHYLFURAN $$ 2-FURAL



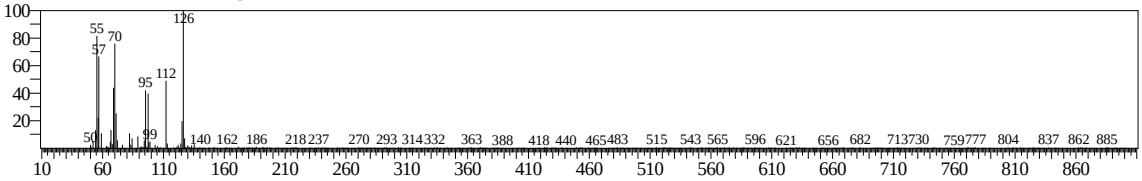
<< Target >>
Line#:7 R.Time:4.025(Scan#:124) MassPeaks:333
RawMode:Averaged 4.017-4.033(123-125) BasePeak:73.15(53983)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



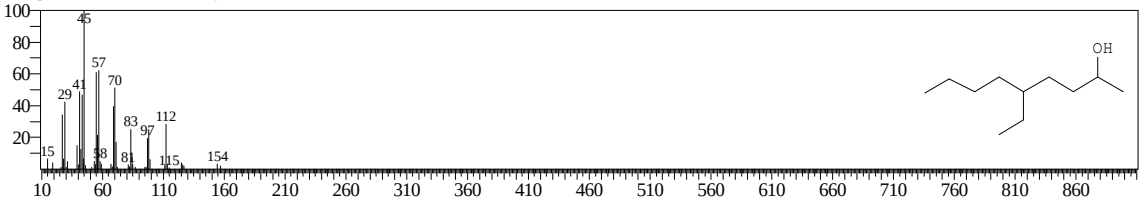
Hit#:1 Entry:22907 Library:NIST17.lib
SI:91 Formula:C6H8O4 CAS:10230-62-3 MolWeight:144 RetIndex:1173
CompName:2,4-Dihydroxy-2,5-dimethyl-3(2H)-furan-3-one



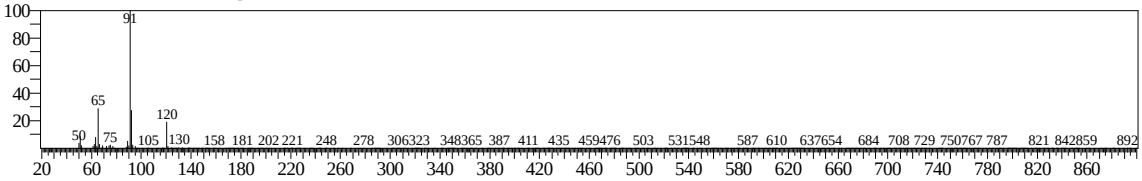

<< Target >>
Line#:8 R.Time:4.442(Scan#:174) MassPeaks:379
RawMode:Averaged 4.433-4.450(173-175) BasePeak:126.25(8463)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



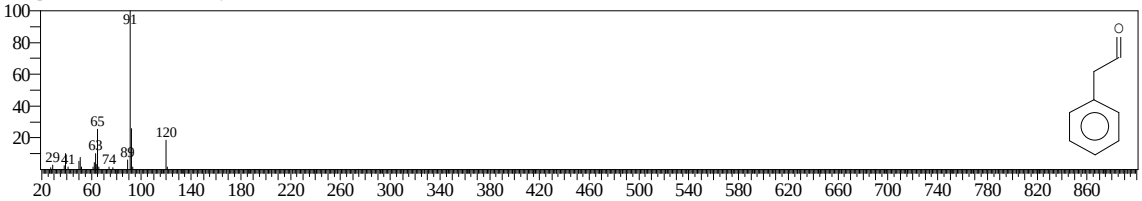
Hit#:1 Entry:12381 Library:NIST27.LIB
SI:79 Formula:C11H24O CAS:103-08-2 MolWeight:172 RetIndex:0
CompName:2-Nonanol, 5-ethyl-



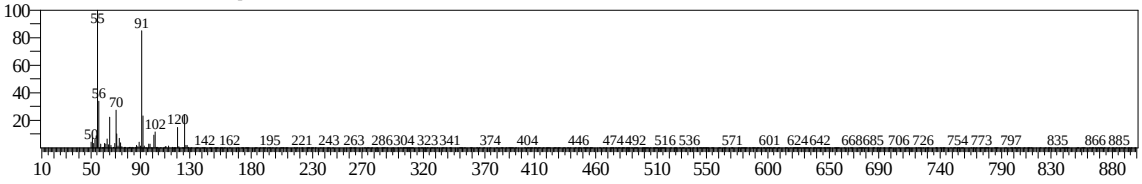

<< Target >>
Line#:9 R.Time:4.900(Scan#:229) MassPeaks:414
RawMode:Averaged 4.892-4.908(228-230) BasePeak:91.20(30064)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



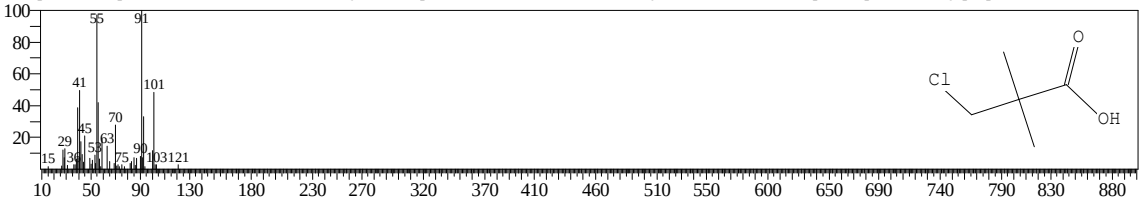
Hit#:1 Entry:3924 Library:NIST27.LIB
SI:95 Formula:C8H8O CAS:122-78-1 MolWeight:120 RetIndex:0
CompName:Benzeneacetaldehyde



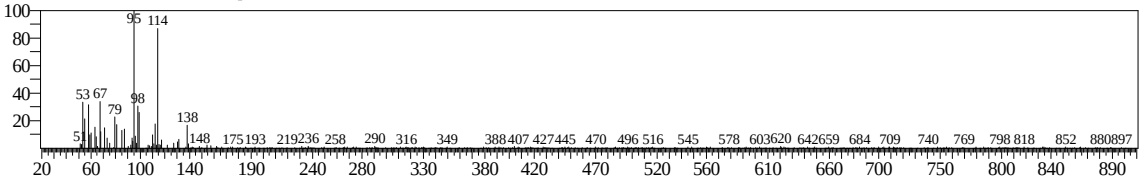
<< Target >>
Line#:10 R.Time:5.033(Scan#:245) MassPeaks:412
RawMode:Averaged 5.025-5.042(244-246) BasePeak:55.10(118927)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



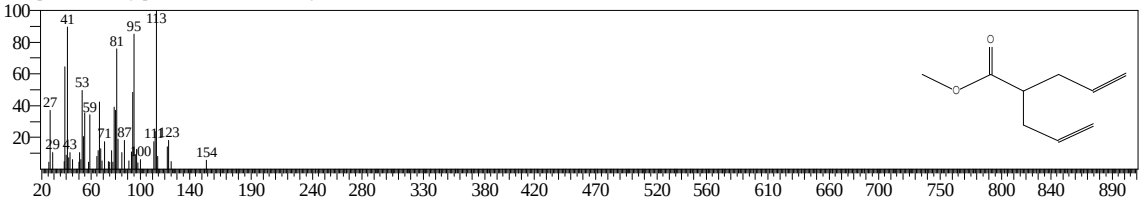
Hit#:1 Entry:32306 Library:Wiley9.lib
SI:76 Formula:C5H9ClO2 CAS:13511-38-1 MolWeight:136 RetIndex:0
CompName:Propanoic acid, 3-chloro-2,2-dimethyl- $$ Propionic acid, 3-chloro-2,2-dimethyl- $$ .beta.-Chloro-.alpha.,.alpha.-dimethylpropionic acid $$ .beta.-(



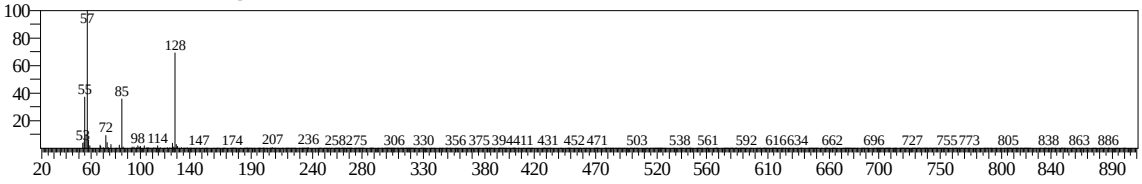

<< Target >>
Line#:11 R.Time:5.275(Scan#:274) MassPeaks:406
RawMode:Averaged 5.267-5.283(273-275) BasePeak:95.20(3230)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



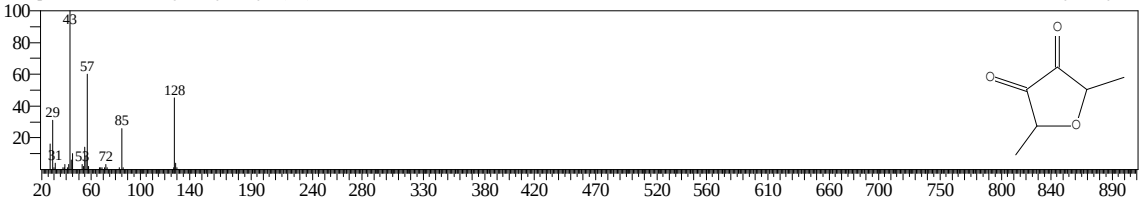
Hit#:1 Entry:30416 Library:NIST17.lib
SI:64 Formula:C9H14O2 CAS:54385-33-0 MolWeight:154 RetIndex:999
CompName:2-Allylpent-4-enoic acid, methyl ester



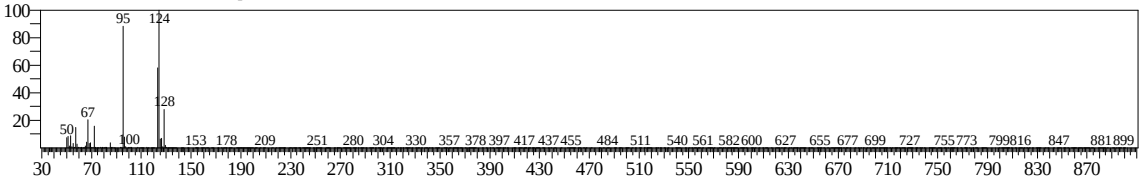

<< Target >>
Line#:12 R.Time:5.383(Scan#:287) MassPeaks:413
RawMode:Averaged 5.375-5.392(286-288) BasePeak:57.15(20747)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



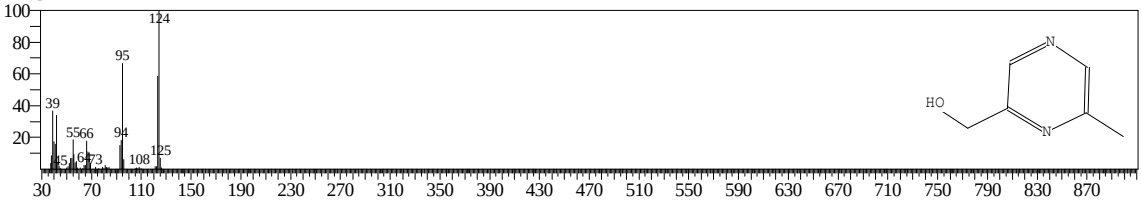
Hit#:1 Entry:25066 Library:Wiley9.lib
SI:91 Formula:C6H8O3 CAS:3658-77-3 MolWeight:128 RetIndex:0
CompName:2,5-Dimethyl-4-hydroxy-3(2H)-furanone $$ 3-FURANONE, 2,3-DIHYDRO-4-HYDROXY-2,5-DIMETHYL- $$ Furaneol $$ 2,5-dimethyl-4-hydro



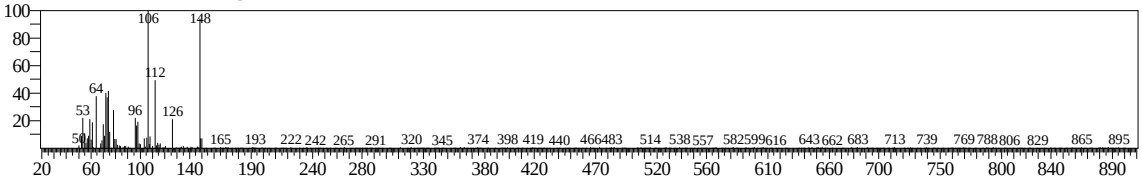
<< Target >>
Line#:13 R.Time:5.617(Scan#:315) MassPeaks:484
RawMode:Averaged 5.608-5.625(314-316) BasePeak:124.25(496735)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



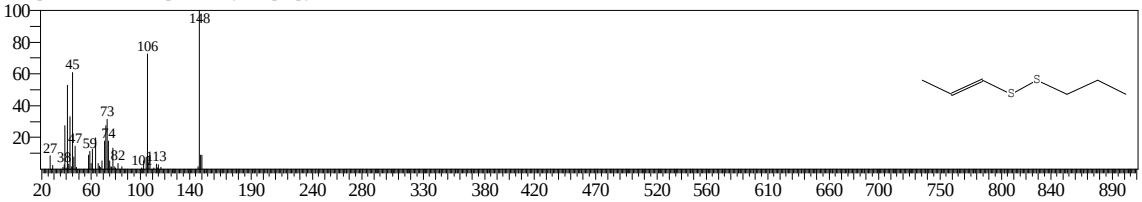
Hit#:1 Entry:18446 Library:WILEY8.LIB
SI:82 Formula:C6H8N2O CAS:77164-93-3 MolWeight:124 RetIndex:0
CompName:6-METHYL-2-PYRAZINYLMETHANOL



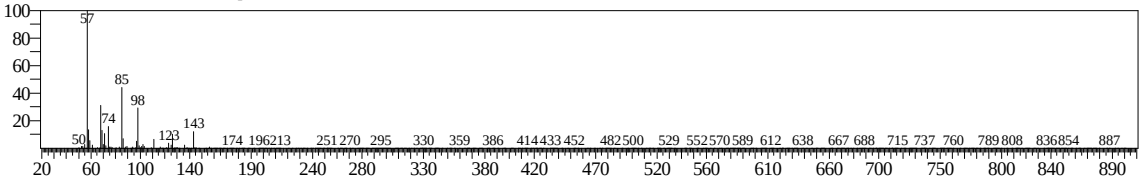

<< Target >>
Line#:14 R.Time:6.008(Scan#:362) MassPeaks:416
RawMode:Averaged 6.000-6.017(361-363) BasePeak:106.20(9083)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



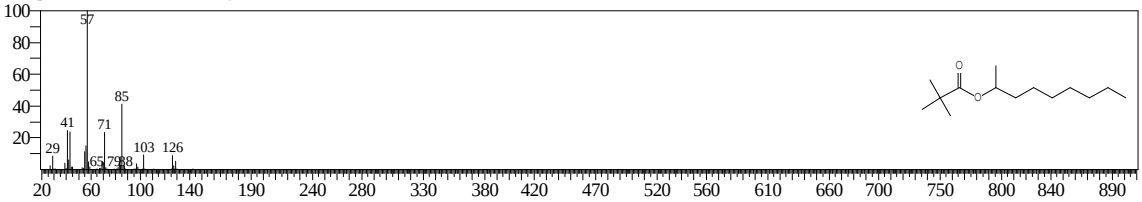
Hit#:1 Entry:25457 Library:NIST17.lib
SI:72 Formula:C6H12S2 CAS:23838-21-3 MolWeight:148 RetIndex:1127
CompName:(E)-1-(Prop-1-en-1-yl)-2-propyldisulfane



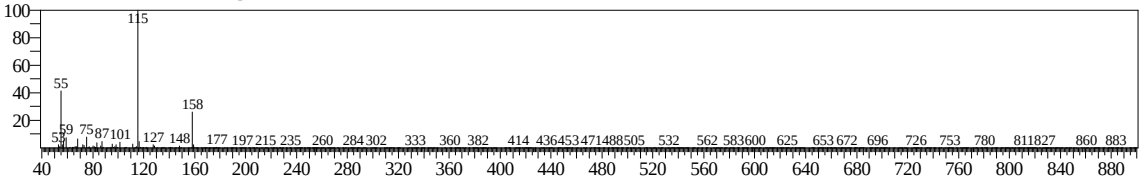

<< Target >>
Line#:15 R.Time:6.275(Scan#:394) MassPeaks:446
RawMode:Averaged 6.267-6.283(393-395) BasePeak:57.15(45761)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



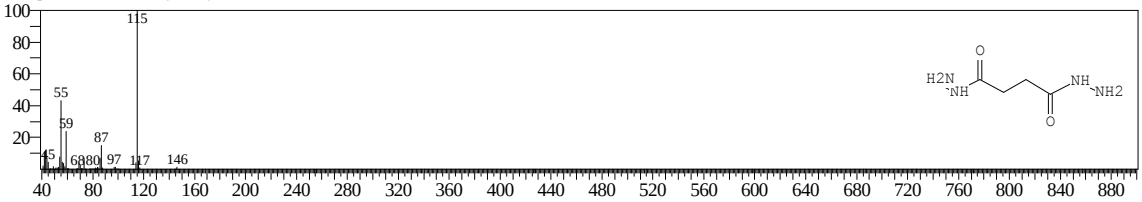
Hit#:1 Entry:100364 Library:NIST17.lib
SI:77 Formula:C14H28O2 CAS:0-00-0 MolWeight:228 RetIndex:1432
CompName:2-Nonanol, trimethylacetate



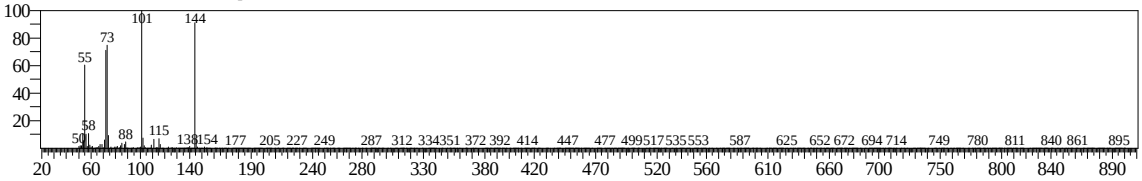
<< Target >>
Line#:16 R.Time:6.517(Scan#:423) MassPeaks:491
RawMode:Averaged 6.508-6.525(422-424) BasePeak:115.25(43091)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



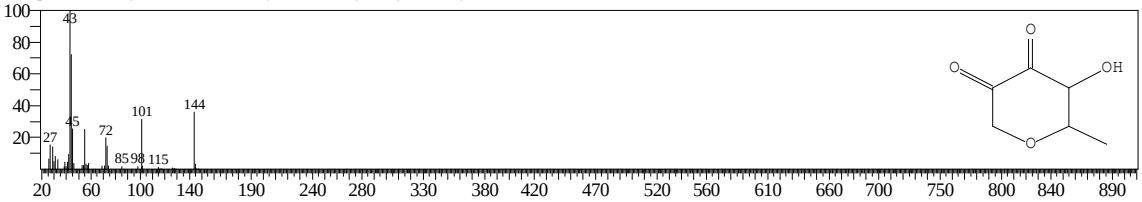
Hit#:1 Entry:7714 Library:NIST27.LIB
SI:79 Formula:C4H10N4O2 CAS:4146-43-4 MolWeight:146 RetIndex:0
CompName:Butanedioyl dihydrazide



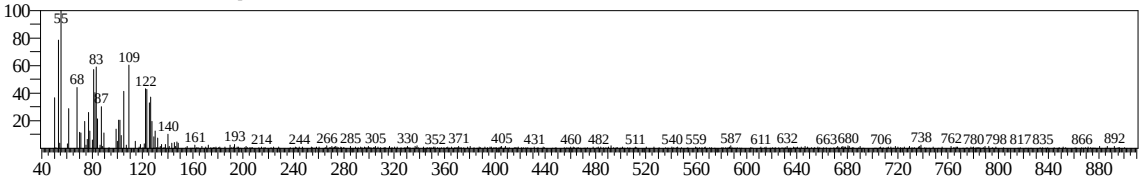

<< Target >>
Line#:17 R.Time:6.758(Scan#:452) MassPeaks:513
RawMode:Averaged 6.750-6.767(451-453) BasePeak:101.20(497722)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



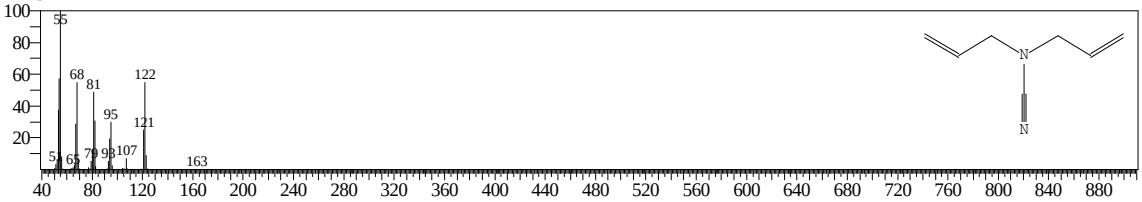
Hit#:1 Entry:42587 Library:Wiley9.lib
SI:89 Formula:C6H8O4 CAS:28564-83-2 MolWeight:144 RetIndex:0
CompName:4H-Pyran-4-one, 2,3-dihydro-3,5-dihydroxy-6-methyl- (CAS) $$ 3,5-DIHYDROXY-2-METHYL-5,6-DIHYDROPYRAN-4-ONE $$ 4H-PYRAN-4



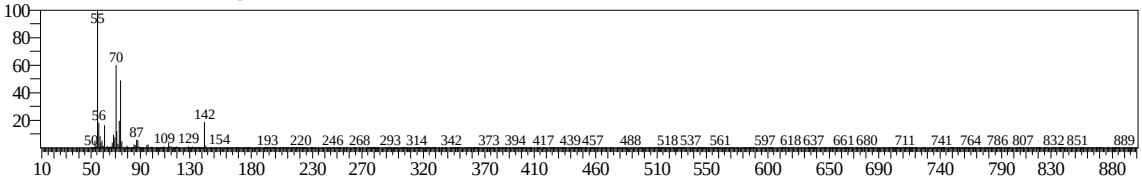

<< Target >>
Line#:18 R.Time:7.375(Scan#:526) MassPeaks:430
RawMode:Averaged 7.367-7.383(525-527) BasePeak:55.10(1931)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



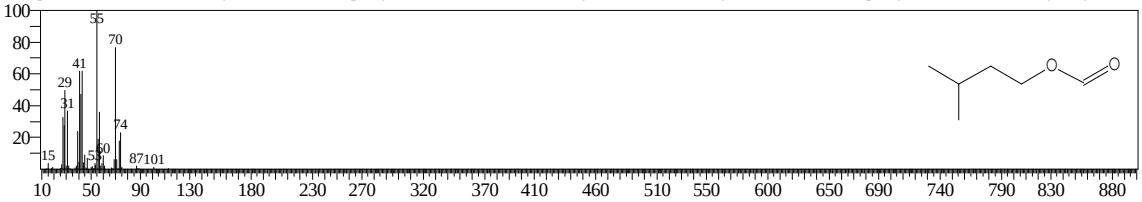
Hit#:1 Entry:17541 Library:WILEY8.LIB
SI:58 Formula:C7H10N2 CAS:538-08-9 MolWeight:122 RetIndex:0
CompName:CYANAMIDE, DI-2-PROPENYL- $$ AI3-17789 $$ BRN 1747507 $$ CYANAMIDE, DIALLYL $$ CYANAMIDE, DIALLYL- $$ DI-2-PROPEN



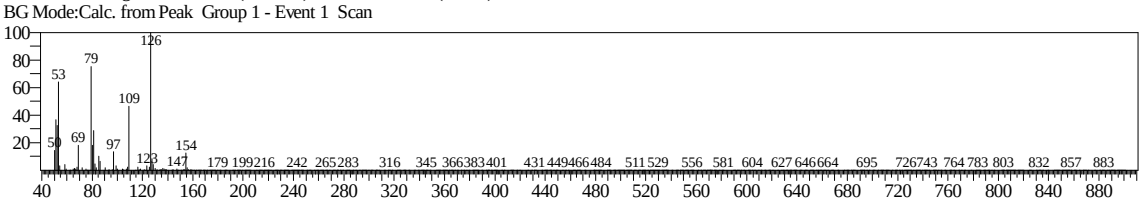
<< Target >>
Line#:19 R.Time:7.692(Scan#:564) MassPeaks:514
RawMode:Averaged 7.683-7.700(563-565) BasePeak:55.10(121362)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



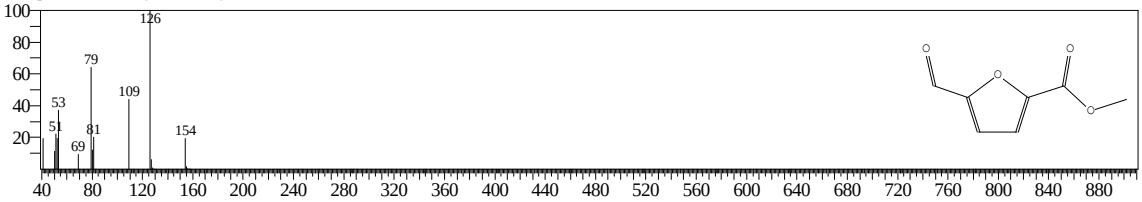
Hit#:1 Entry:4459 Library:NIST147.LIB
SI:84 Formula:C6H12O2 CAS:110-45-2 MolWeight:116 RetIndex:0
CompName:1-Butanol, 3-methyl-, formate $$ Isopentyl alcohol, formate $$ Isoamyl formate $$ Isoamyl methanoate $$ Isopentyl formate $$ 3-Methylbutyl forma



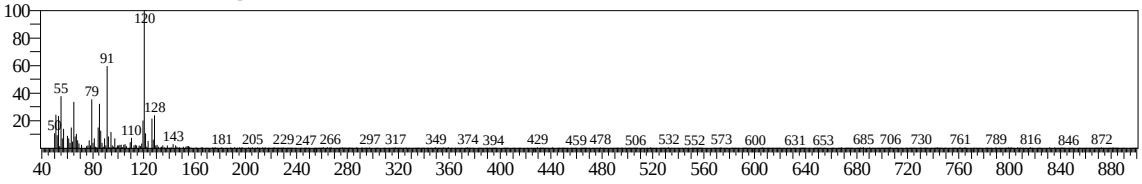
<< Target >>
Line#:20 R.Time:7.875(Scan#:586) MassPeaks:473
RawMode:Averaged 7.867-7.883(585-587) BasePeak:126.30(22657)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



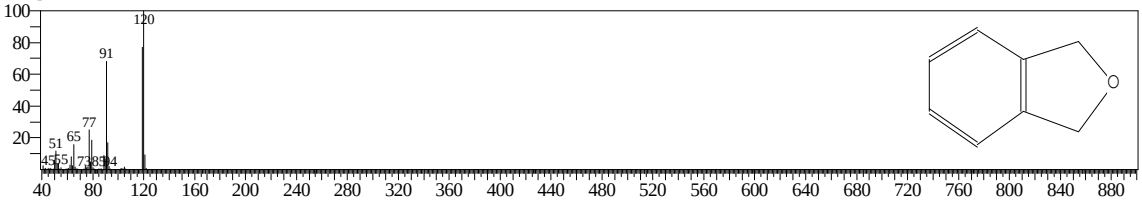
Hit#:1 Entry:56511 Library:Wiley9.lib
SI:85 Formula:C7H6O4 CAS:0-00-0 MolWeight:154 RetIndex:0
CompName:5-Formyl-2-furfurylmethanoate



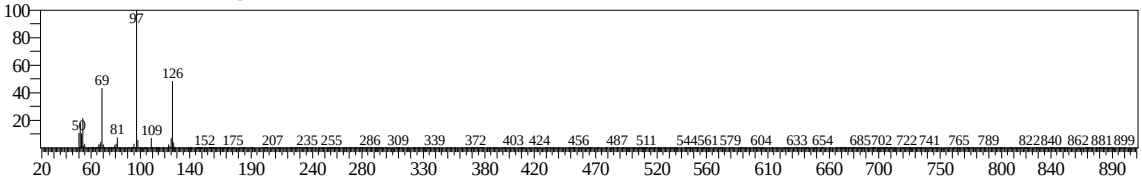
<< Target >>
Line#:21 R.Time:7.992(Scan#:600) MassPeaks:495
RawMode:Averaged 7.983-8.000(599-601) BasePeak:120.30(11779)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



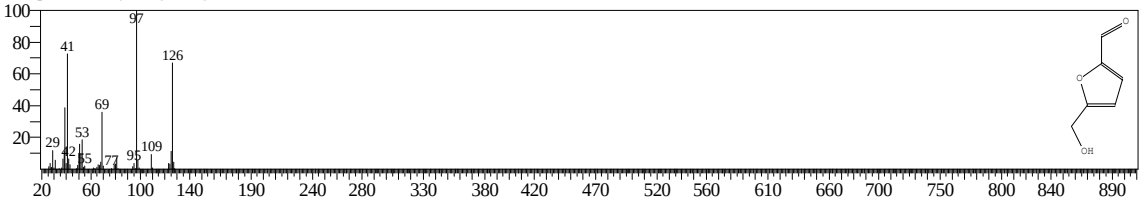
Hit#:1 Entry:10453 Library:NIST17.lib
SI:70 Formula:C8H8O CAS:496-14-0 MolWeight:120 RetIndex:1036
CompName:Phthalan



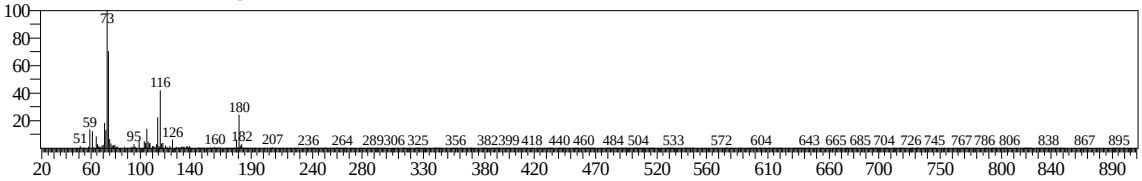
<< Target >>
Line#:22 R.Time:8.775(Scan#:694) MassPeaks:454
RawMode:Averaged 8.767-8.783(693-695) BasePeak:97.20(5075978)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



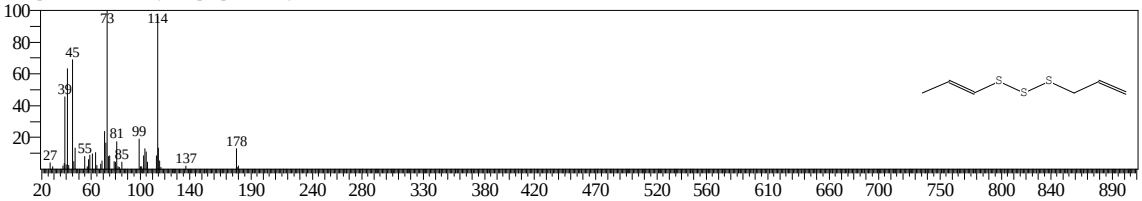
Hit#:1 Entry:12381 Library:NIST17.lib
SI:96 Formula:C6H6O3 CAS:67-47-0 MolWeight:126 RetIndex:1163
CompName:5-Hydroxymethylfurfural



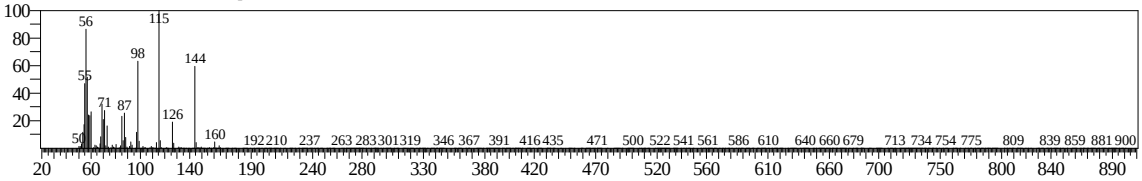
<< Target >>
Line#:23 R.Time:9.450(Scan#:775) MassPeaks:413
RawMode:Averaged 9.442-9.458(774-776) BasePeak:73.15(33659)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



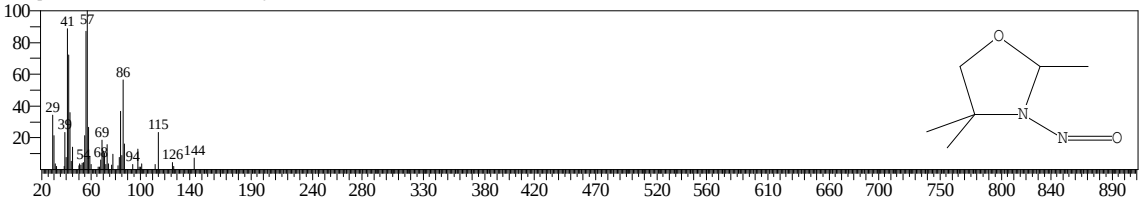
Hit#:1 Entry:49666 Library:NIST17.lib
SI:74 Formula:C6H10S3 CAS:382161-78-6 MolWeight:178 RetIndex:1368
CompName:(E)-1-Allyl-3-(prop-1-en-1-yl)trisulfane



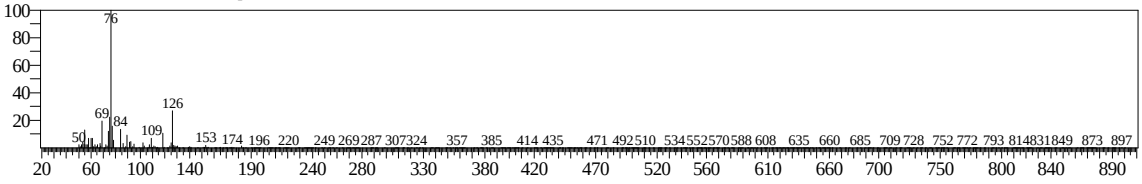
<< Target >>
Line#:24 R.Time:9.775(Scan#:814) MassPeaks:505
RawMode:Averaged 9.767-9.783(813-815) BasePeak:115.30(126179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



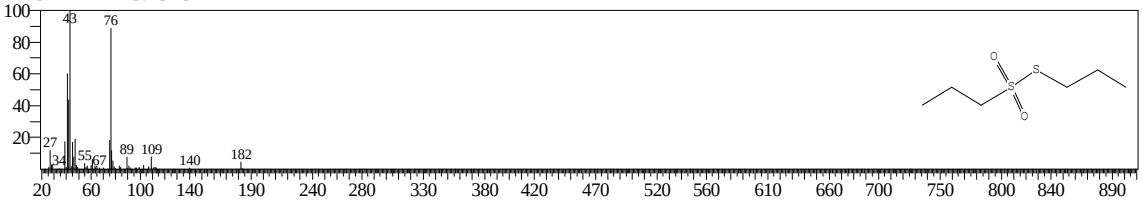
Hit#:1 Entry:22949 Library:NIST17.lib
SI:74 Formula:C6H12N2O2 CAS:96228-15-8 MolWeight:144 RetIndex:1232
CompName:N-Nitroso-2,4,4-trimethyloxazolidine



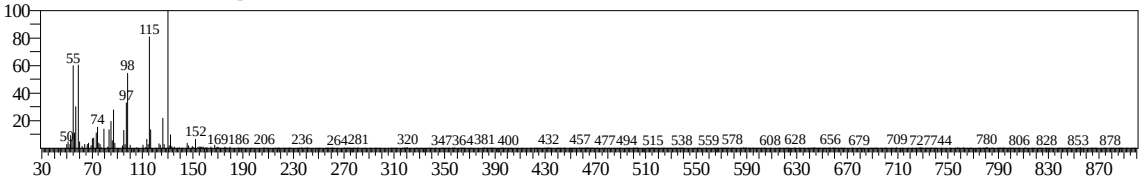
<< Target >>
Line#:25 R.Time:10.108(Scan#:854) MassPeaks:423
RawMode:Averaged 10.100-10.117(853-855) BasePeak:76.20(34921)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



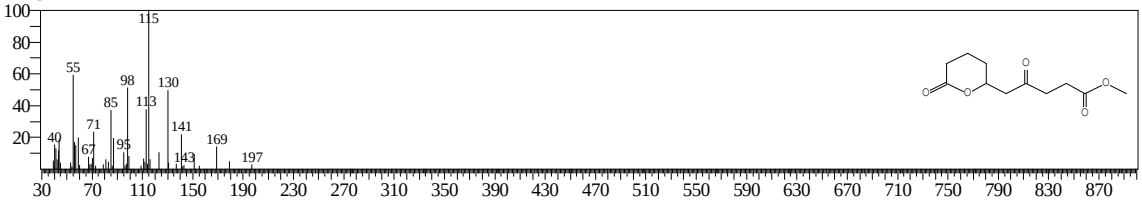
Hit#:1 Entry:53443 Library:NIST17.lib
SI:73 Formula:C6H14O2S2 CAS:0-00-0 MolWeight:182 RetIndex:1375
CompName:S-Propyl propane-1-sulfonothioate



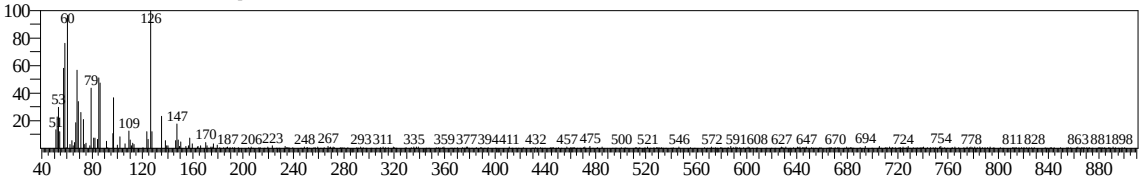
<< Target >>
Line#:26 R.Time:10.317(Scan#:879) MassPeaks:392
RawMode:Averaged 10.308-10.325(878-880) BasePeak:130.35(9993)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



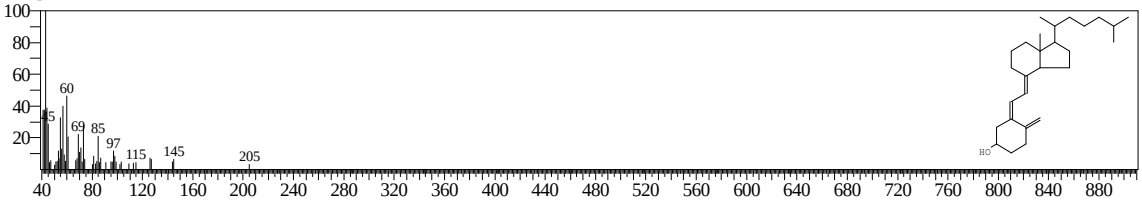
Hit#:1 Entry:206824 Library:Wiley9.lib
SI:73 Formula:C11H16O5 CAS:0-00-0 MolWeight:228 RetIndex:0
CompName:METHYL ESTER OF 6-HYDROXY-4-OXO-1,10-DECANDIOIC ACID-.DELTA.-LACTONE



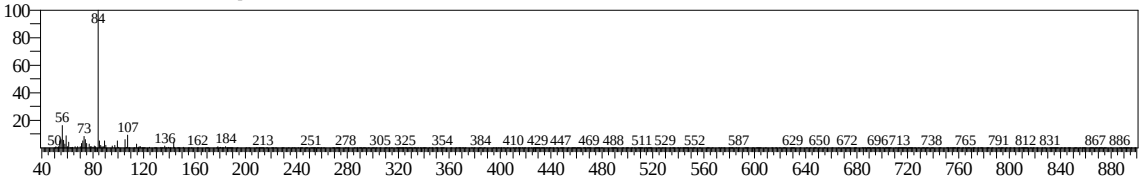
<< Target >>
Line#:27 R.Time:10.433(Scan#:893) MassPeaks:377
RawMode:Averaged 10.425-10.442(892-894) BasePeak:126.30(2898)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



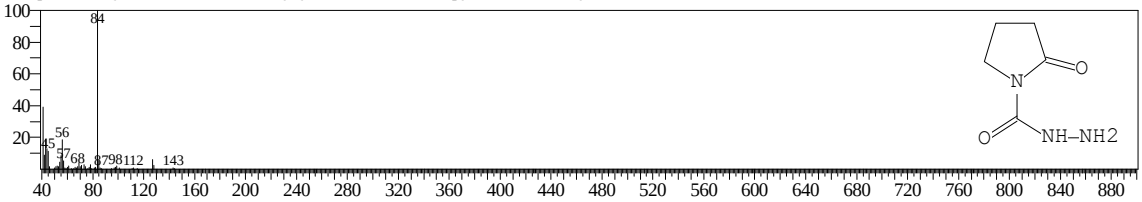
Hit#:1 Entry:126320 Library:NIST147.LIB
SI:63 Formula:C27H44O CAS:1406-16-2 MolWeight:384 RetIndex:0
CompName:Vitamin d3 $$ (5Z,7E)-9,10-Secocholesta-5,7,10-trien-3-ol # $$



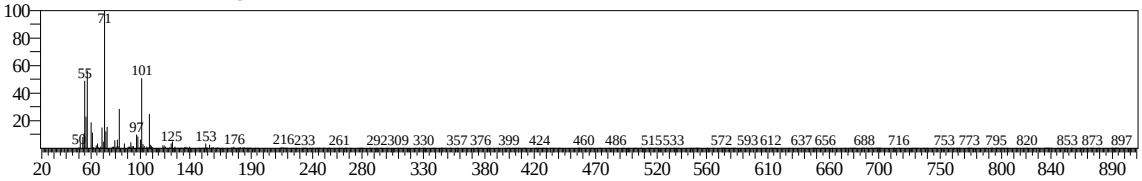
<< Target >>
Line#:28 R.Time:10.650(Scan#:919) MassPeaks:410
RawMode:Averaged 10.642-10.658(918-920) BasePeak:84.20(81266)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



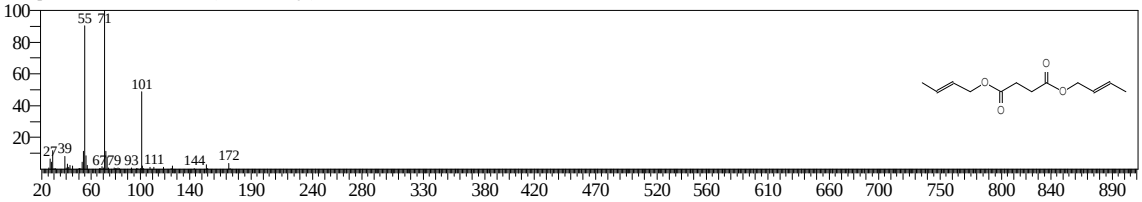
Hit#:1 Entry:11970 Library:NIST147.LIB
SI:81 Formula:C5H9N3O2 CAS:0-00-0 MolWeight:143 RetIndex:0
CompName:l-Pyrrolid-2-one, N-carboxyhydrazide $$ 2-Oxo-1-pyrrolidinecarbohydrazide # $$



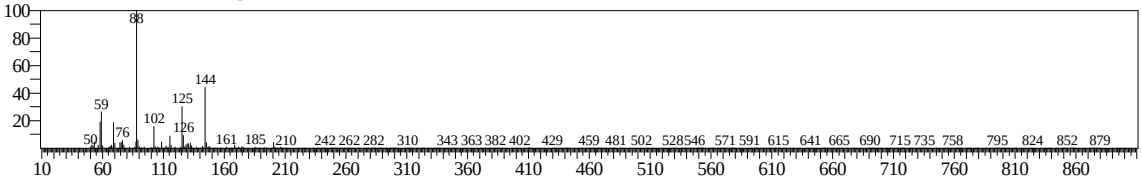

<< Target >>
Line#:29 R.Time:11.100(Scan#:973) MassPeaks:282
RawMode:Averaged 11.092-11.108(972-974) BasePeak:71.15(29104)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



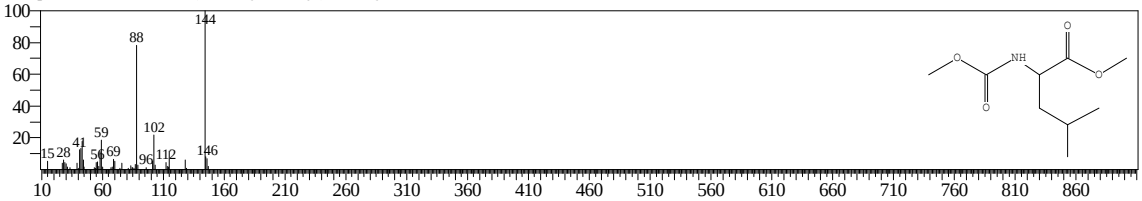
Hit#:1 Entry:97765 Library:NIST17.lib
SI:76 Formula:C12H18O4 CAS:0-00-0 MolWeight:226 RetIndex:1565
CompName:Succinic acid, di(but-2-en-1-yl) ester



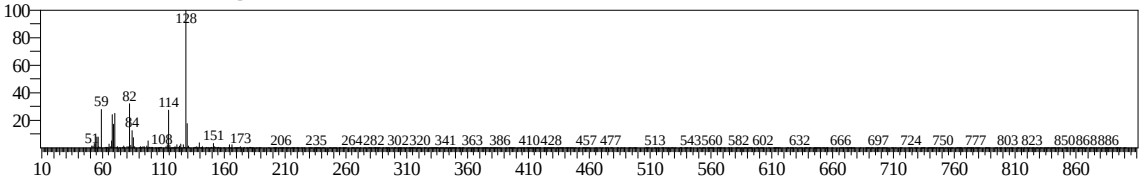

<< Target >>
Line#:30 R.Time:11.300(Scan#:997) MassPeaks:392
RawMode:Averaged 11.292-11.308(996-998) BasePeak:88.20(33504)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



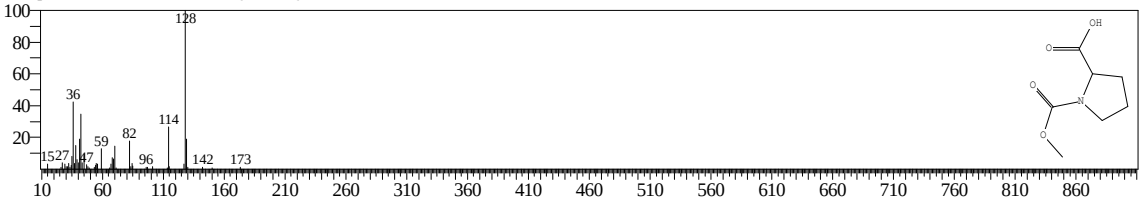
Hit#:1 Entry:73370 Library:NIST17.lib
SI:73 Formula:C9H17NO4 CAS:113089-14-8 MolWeight:203 RetIndex:1321
CompName:L-Leucine, N-(methoxycarbonyl)-, methyl ester



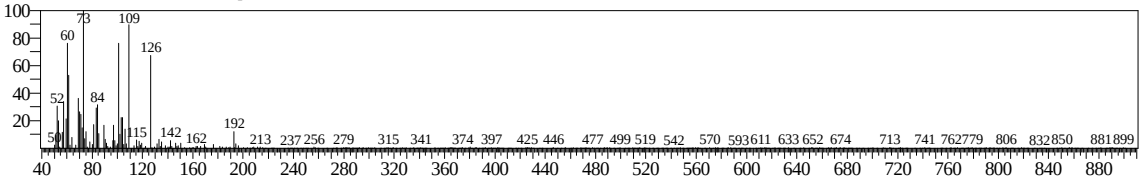
<< Target >>
Line#:31 R.Time:11.783(Scan#:1055) MassPeaks:508
RawMode:Averaged 11.775-11.792(1054-1056) BasePeak:128.35(97698)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



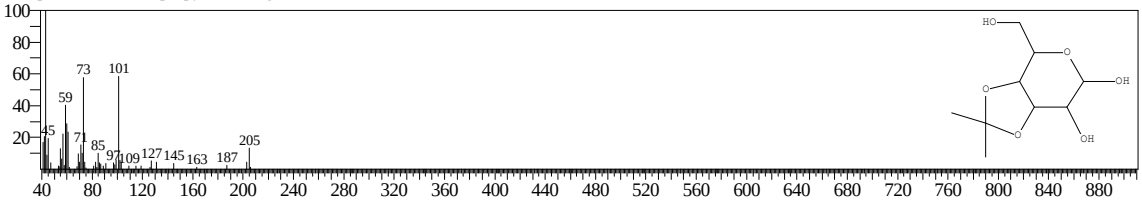
Hit#:1 Entry:45960 Library:NIST17.lib
SI:84 Formula:C7H11NO4 CAS:0-00-0 MolWeight:173 RetIndex:1397
CompName:L-Proline, N-methoxycarbonyl-



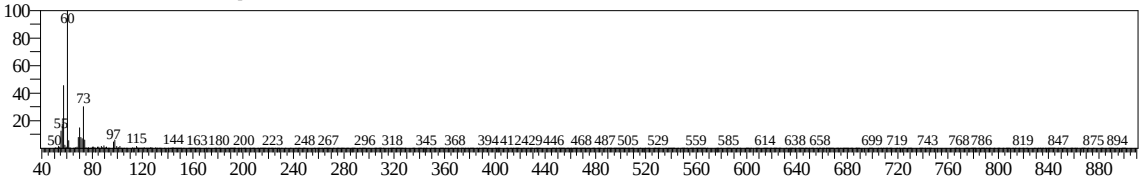
<< Target >>
Line#:32 R.Time:12.200(Scan#:1105) MassPeaks:440
RawMode:Averaged 12.192-12.208(1104-1106) BasePeak:73.20(7224)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



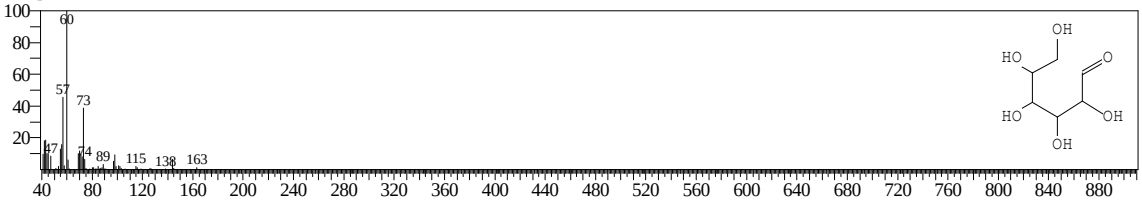
Hit#:1 Entry:90599 Library:NIST17.lib
SI:71 Formula:C9H16O6 CAS:0-00-0 MolWeight:220 RetIndex:1763
CompName:3,4-O-Isopropylidene-d-galactose



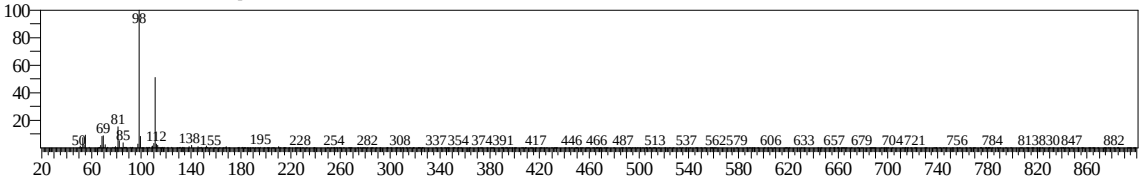
<< Target >>
Line#:33 R.Time:12.700(Scan#:1165) MassPeaks:451
RawMode:Averaged 12.692-12.708(1164-1166) BasePeak:60.15(360795)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



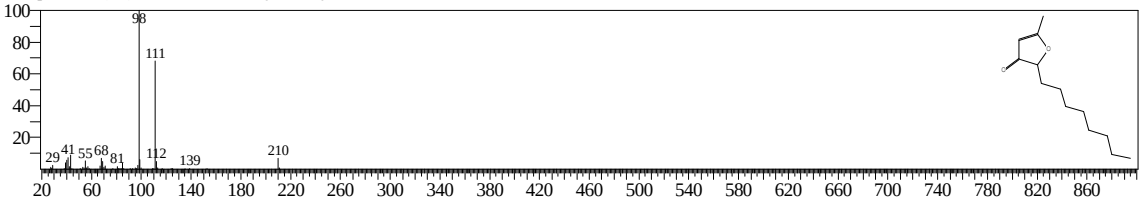
Hit#:1 Entry:28940 Library:NIST147.LIB
SI:95 Formula:C6H12O6 CAS:2595-97-3 MolWeight:180 RetIndex:0
CompName:D-Allose $$ .beta.-D-Allose $$ Hexose # $$



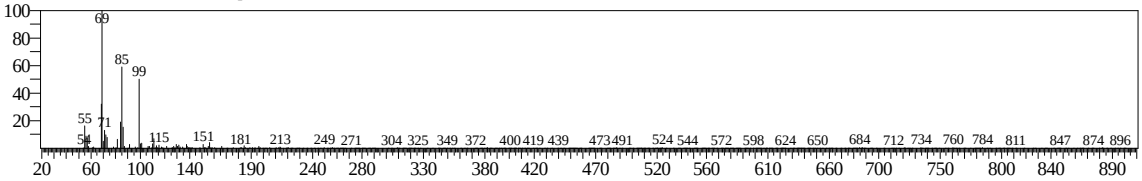
<< Target >>
Line#:34 R.Time:13.450(Scan#:1255) MassPeaks:346
RawMode:Averaged 13.442-13.458(1254-1256) BasePeak:98.25(37392)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



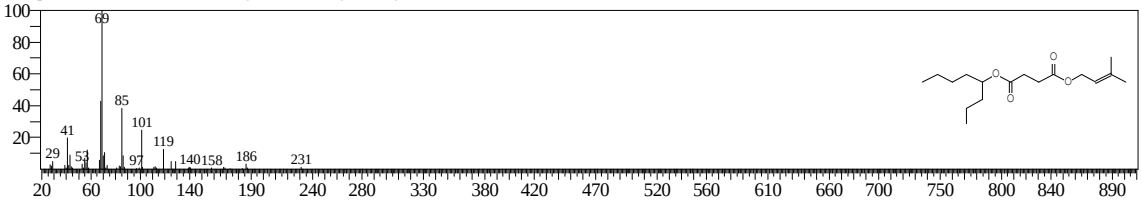
Hit#:1 Entry:81475 Library:NIST17.lib
SI:88 Formula:C13H22O2 CAS:57877-72-2 MolWeight:210 RetIndex:1588
CompName:3(2H)-Furanone, 5-methyl-2-octyl-



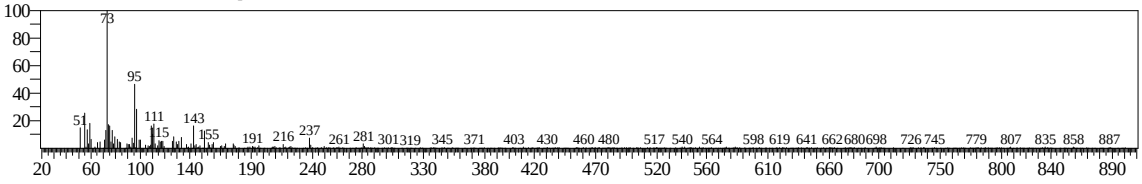
<< Target >>
Line#:35 R.Time:13.617(Scan#:1275) MassPeaks:404
RawMode:Averaged 13.608-13.625(1274-1276) BasePeak:69.20(13438)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



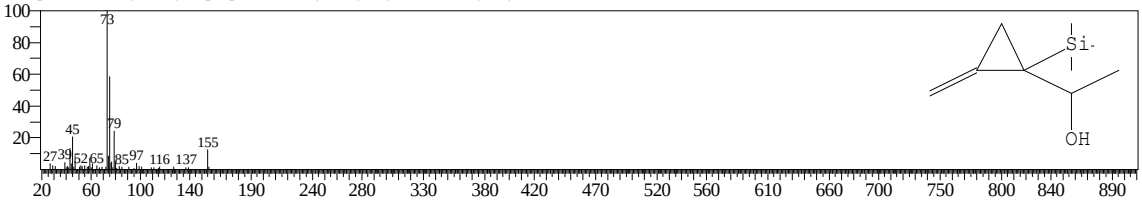
Hit#:1 Entry:174373 Library:NIST17.lib
SI:76 Formula:C17H30O4 CAS:0-00-0 MolWeight:298 RetIndex:1967
CompName:Succinic acid, 3-methylbut-2-en-1-yl 4-octyl ester



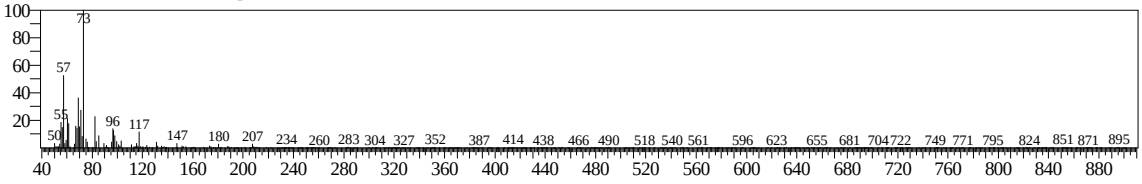
<< Target >>
Line#:36 R.Time:13.783(Scan#:1295) MassPeaks:490
RawMode:Averaged 13.775-13.792(1294-1296) BasePeak:73.20(5221)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



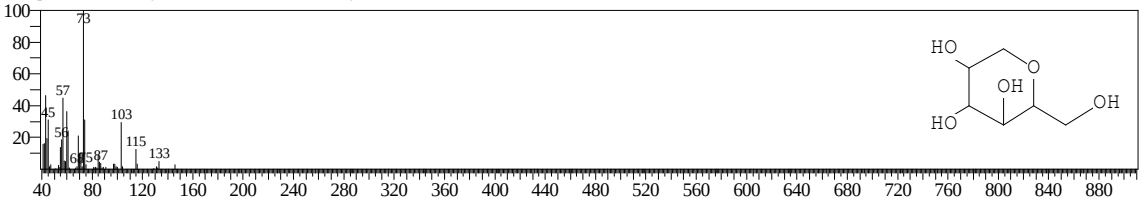
Hit#:1 Entry:83902 Library:Wiley9.lib
SI:63 Formula:C9H18OSi CAS:0-00-0 MolWeight:170 RetIndex:0
CompName:Methylenecyclopropane, 2-(1-hydroxyethyl)-2-trimethylsilyl- $$ METHYLENCYCLOPROPAN, 2-(1-HYDROXYETHYL)-2-TRIMETHYLSILYL



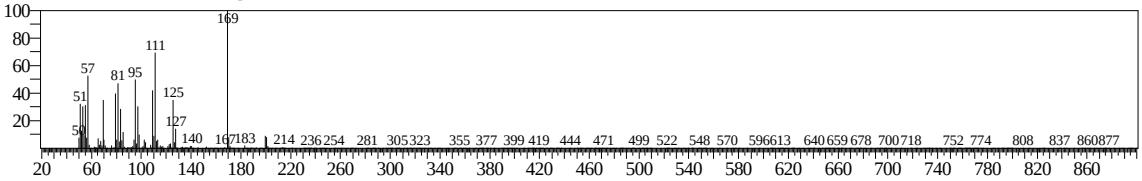
<< Target >>
Line#:37 R.Time:14.217(Scan#:1347) MassPeaks:408
RawMode:Averaged 14.208-14.225(1346-1348) BasePeak:73.20(15659)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



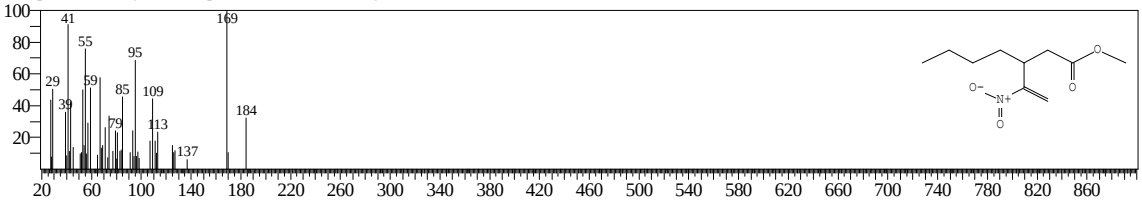
Hit#:1 Entry:20780 Library:NIST147.LIB
SI:76 Formula:C6H12O5 CAS:0-00-0 MolWeight:164 RetIndex:0
CompName:1,5-Anhydro-d-mannitol $$ 1,5-Anhydrohexitol # $$



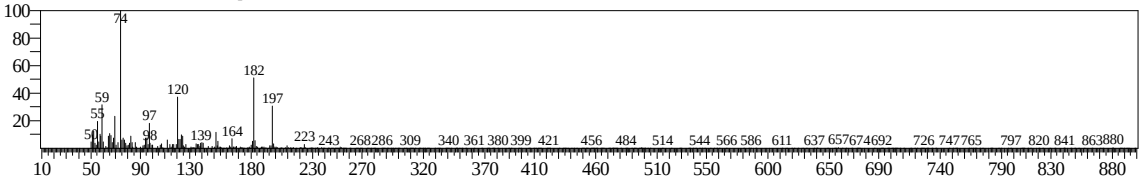

<< Target >>
Line#:38 R.Time:14.567(Scan#:1389) MassPeaks:394
RawMode:Averaged 14.558-14.575(1388-1390) BasePeak:169.40(62951)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



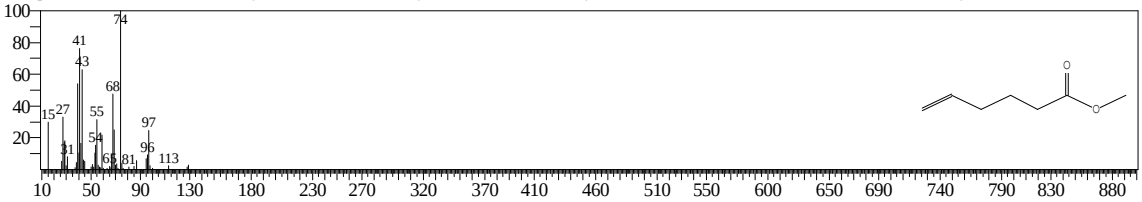
Hit#:1 Entry:86060 Library:NIST17.lib
SI:73 Formula:C10H17NO4 CAS:0-00-0 MolWeight:215 RetIndex:1467
CompName:3-Butyl-4-nitro-pent-4-enoic acid, methyl ester



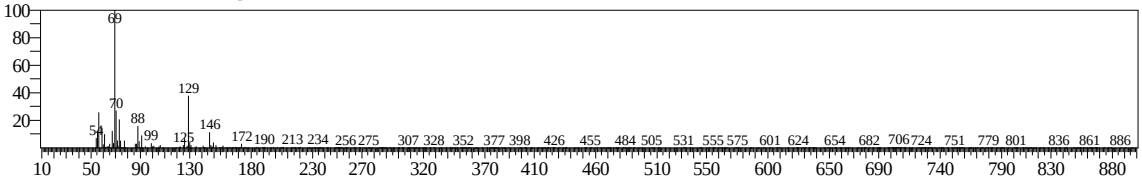

<< Target >>
Line#:39 R.Time:15.033(Scan#:1445) MassPeaks:371
RawMode:Averaged 15.025-15.042(1444-1446) BasePeak:74.20(15503)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



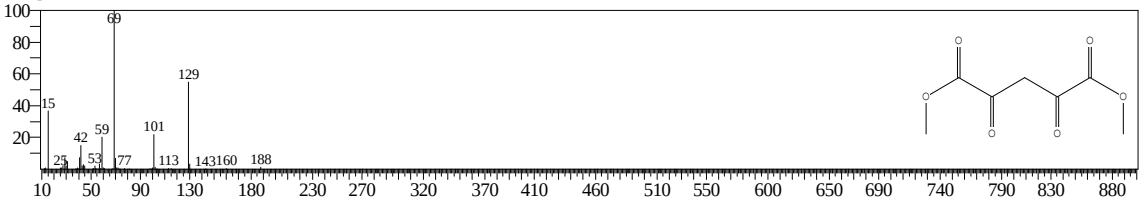
Hit#:1 Entry:25276 Library:Wiley9.lib
SI:58 Formula:C7H12O2 CAS:2396-80-7 MolWeight:128 RetIndex:0
CompName:5-Hexenoic acid, methyl ester (CAS) $$ Methyl 5-hexenoate $$ Methyl ester of 5-hexenoic acid $$ 5-Hexenoic Acid Methyl Ester



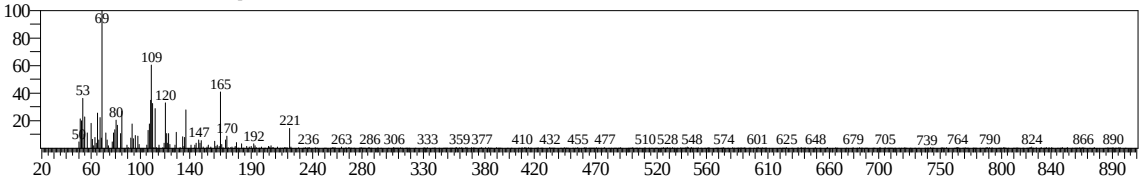
<< Target >>
Line#:40 R.Time:15.367(Scan#:1485) MassPeaks:356
RawMode:Averaged 15.358-15.375(1484-1486) BasePeak:69.20(18168)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



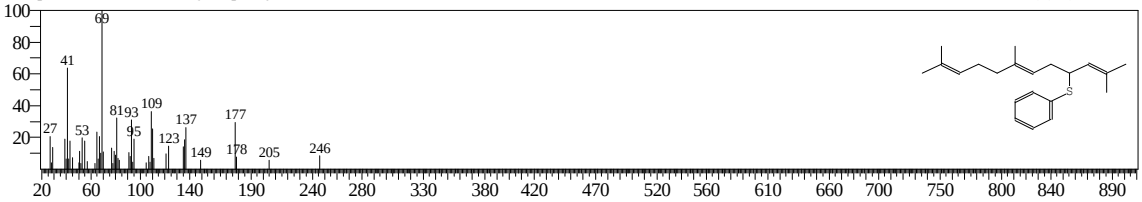
Hit#:1 Entry:116019 Library:Wiley9.lib
SI:69 Formula:C7H8O6 CAS:0-00-0 MolWeight:188 RetIndex:0
CompName:DIMETHYL 2,4-DIKETOGLUTARATE



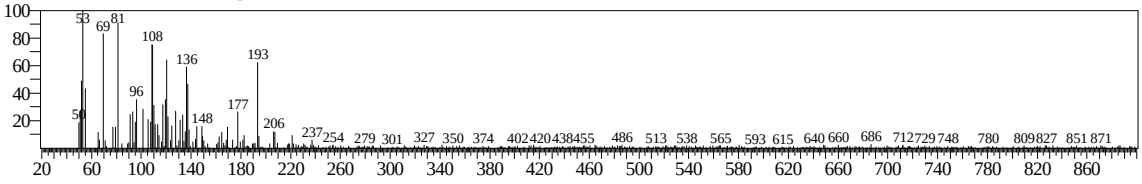
<< Target >>
Line#:41 R.Time:15.533(Scan#:1505) MassPeaks:432
RawMode:Averaged 15.525-15.542(1504-1506) BasePeak:69.20(6191)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



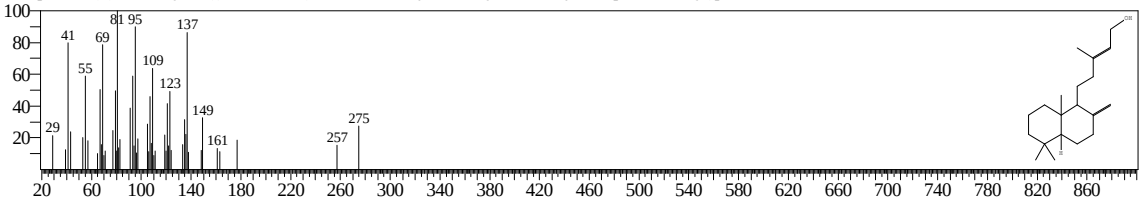
Hit#:1 Entry:405315 Library:Wiley9.lib
SI:66 Formula:C21H30S CAS:0-00-0 MolWeight:314 RetIndex:0
CompName:2,7,11-Trimethyl-4-phenylthiododeca-2,6,10-triene $$ 2,7,11-TRIMETHYL-4-PHENYLSULFANYL-DODECA-2,6,10-TRIENE $$ ([(3E)-4,8-Dim



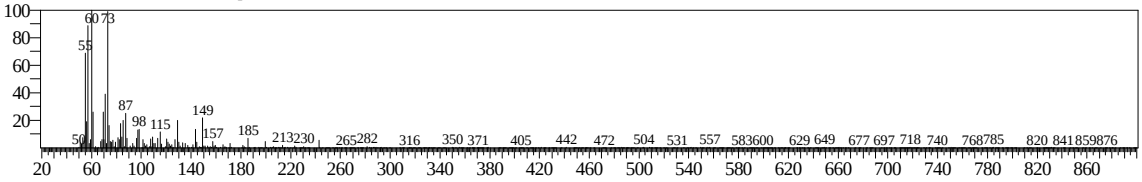
<< Target >>
Line#:42 R.Time:15.900(Scan#:1549) MassPeaks:563
RawMode:Averaged 15.892-15.908(1548-1550) BasePeak:53.15(1773)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



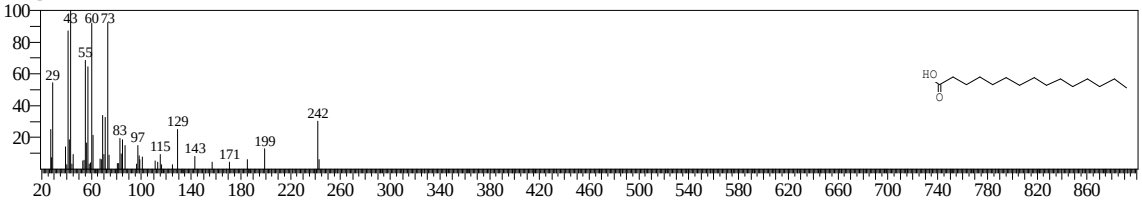
Hit#:1 Entry:166110 Library:NIST17.lib
SI:62 Formula:C20H34O CAS:21738-29-4 MolWeight:290 RetIndex:2162
CompName:(E)-3-Methyl-5-((1R,4aR,8aR)-5,5,8a-trimethyl-2-methylenedecahydronaphthalen-1-yl)pent-2-en-1-ol



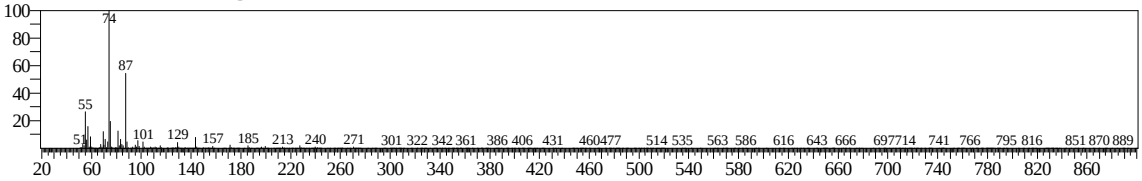
<< Target >>
Line#:43 R.Time:16.333(Scan#:1601) MassPeaks:468
RawMode:Averaged 16.325-16.342(1600-1602) BasePeak:60.15(11969)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



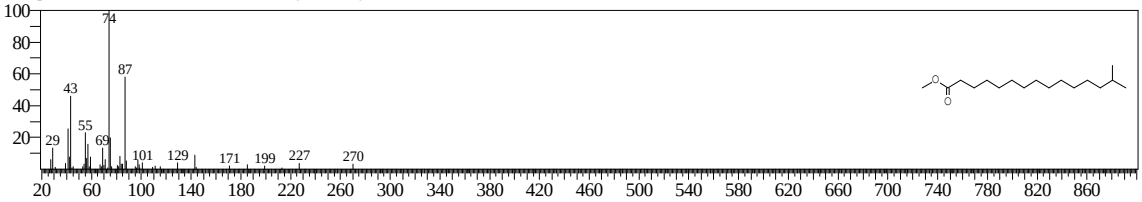
Hit#:1 Entry:241461 Library:Wiley9.lib
SI:86 Formula:C15H30O2 CAS:1002-84-2 MolWeight:242 RetIndex:0
CompName:PENTADECANOIC ACID $$ 14FA $$ AI3-36441 $$ BRN 1773831 $$ EINECS 213-693-1 $$ N-PENTADECANOIC ACID $$ N-PENTADECYL



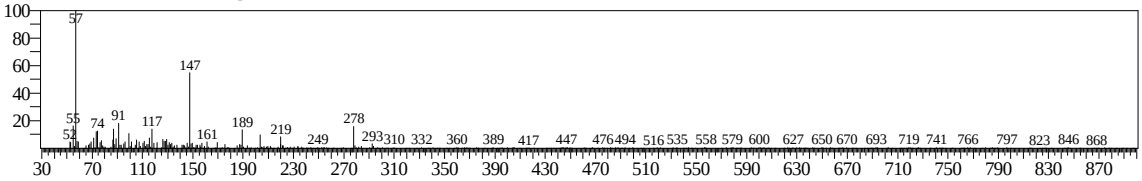
<< Target >>
Line#:44 R.Time:17.392(Scan#:1728) MassPeaks:384
RawMode:Averaged 17.383-17.400(1727-1729) BasePeak:74.20(121536)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



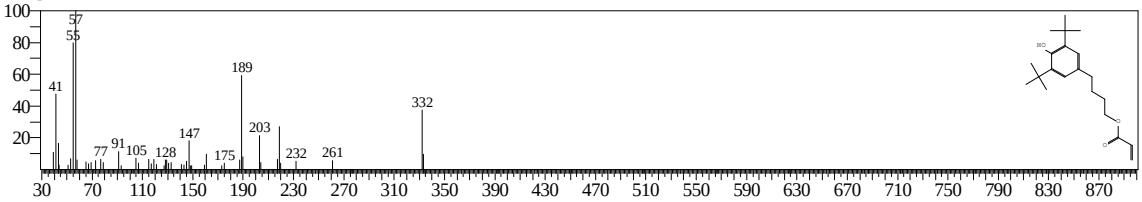
Hit#:1 Entry:144286 Library:NIST17.lib
SI:94 Formula:C17H34O2 CAS:5129-60-2 MolWeight:270 RetIndex:1814
CompName:Pentadecanoic acid, 14-methyl-, methyl ester



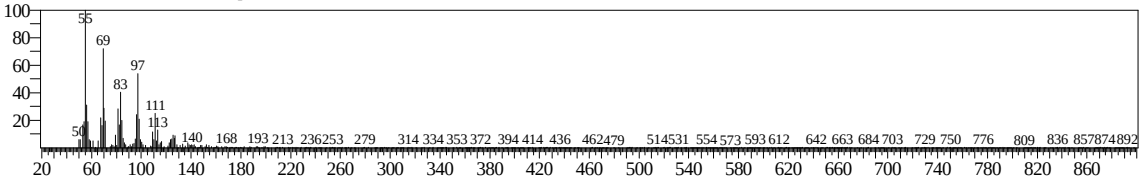
<< Target >>
Line#:45 R.Time:17.583(Scan#:1751) MassPeaks:368
RawMode:Averaged 17.575-17.592(1750-1752) BasePeak:57.20(6144)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



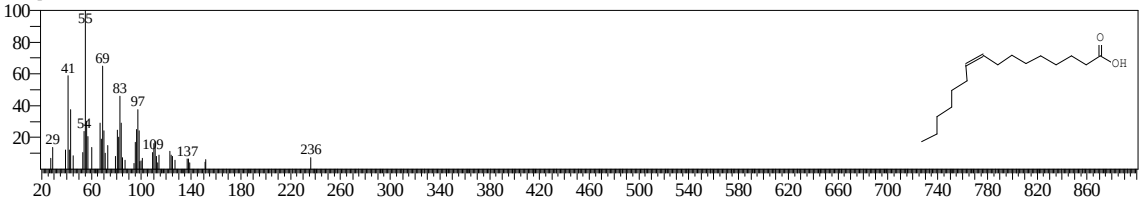
Hit#:1 Entry:277301 Library:WILEY8.LIB
SI:65 Formula:C21H32O3 CAS:87033-84-9 MolWeight:332 RetIndex:0
CompName:4-(3,5-DI-TERT-BUTYL-4-HYDROXYPHENYL)BUTYL ACRYLATE $$ 4-(3,5-DITERT-BUTYL-4-HYDROXYPHENYL)BUTYL ACRYLATE



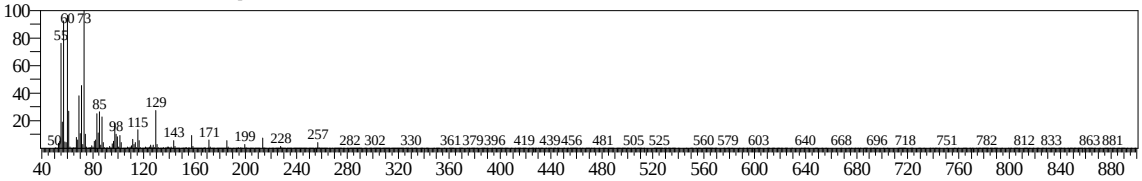
<< Target >>
Line#:46 R.Time:17.858(Scan#:1784) MassPeaks:506
RawMode:Averaged 17.850-17.867(1783-1785) BasePeak:55.15(8058)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



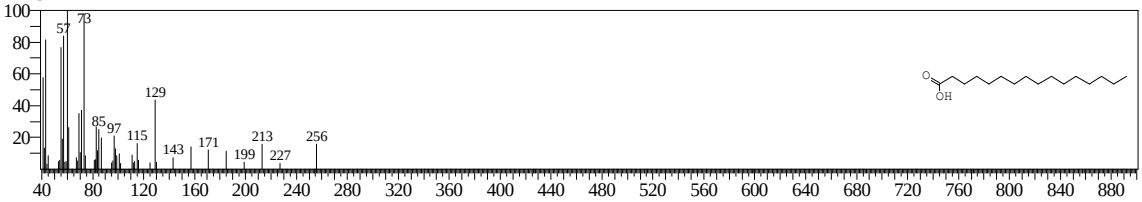
Hit#:1 Entry:126969 Library:NIST17.lib
SI:86 Formula:C16H30O2 CAS:373-49-9 MolWeight:254 RetIndex:1976
CompName:Palmitoleic acid



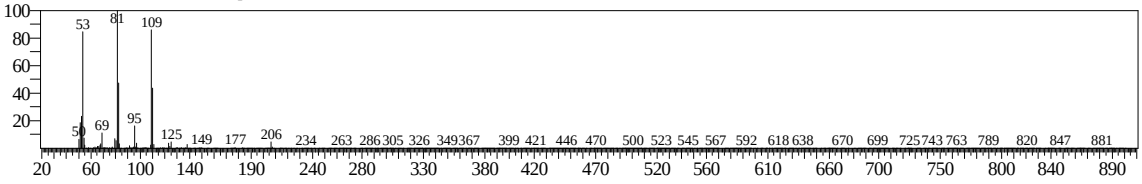
<< Target >>
Line#:47 R.Time:18.333(Scan#:1841) MassPeaks:514
RawMode:Averaged 18.325-18.342(1840-1842) BasePeak:73.20(213869)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



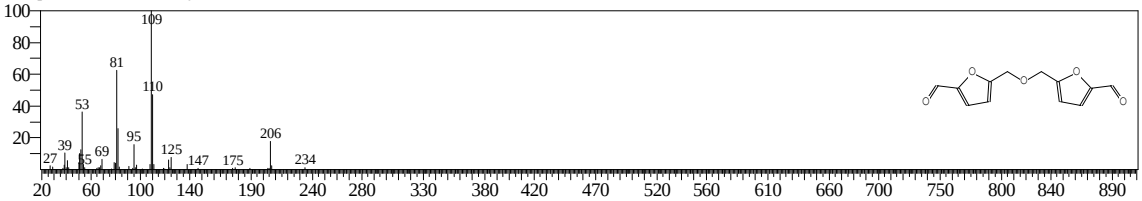
Hit#:1 Entry:129354 Library:NIST17.lib
SI:94 Formula:C16H32O2 CAS:57-10-3 MolWeight:256 RetIndex:1968
CompName:n-Hexadecanoic acid



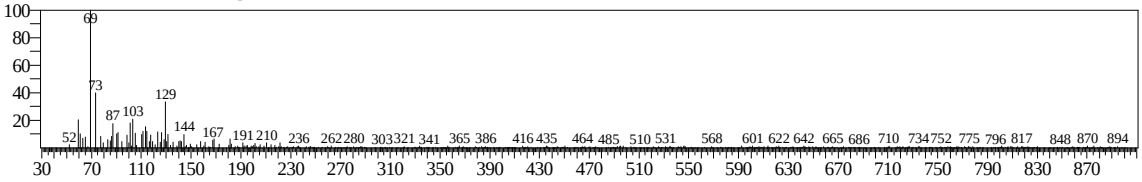
<< Target >>
Line#:48 R.Time:19.417(Scan#:1971) MassPeaks:607
RawMode:Averaged 19.408-19.425(1970-1972) BasePeak:81.20(76068)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



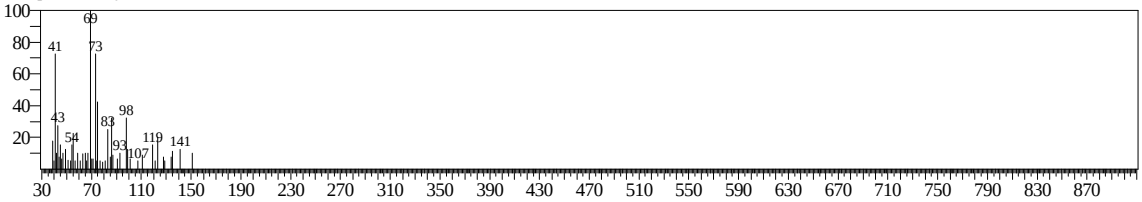
Hit#:1 Entry:105690 Library:NIST17.lib
SI:88 Formula:C12H10O5 CAS:7389-38-0 MolWeight:234 RetIndex:1895
CompName:Cirsiumaldehyde



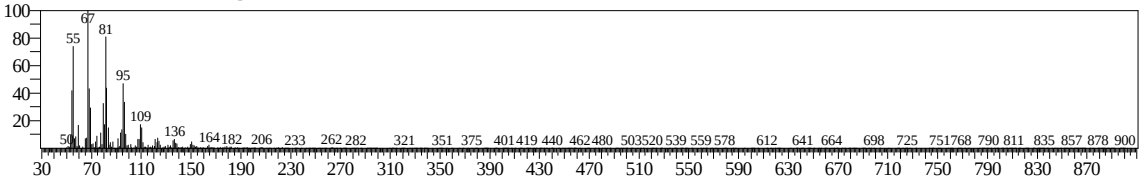
<< Target >>
Line#:49 R.Time:20.200(Scan#:2065) MassPeaks:473
RawMode:Averaged 20.192-20.208(2064-2066) BasePeak:69.20(2505)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



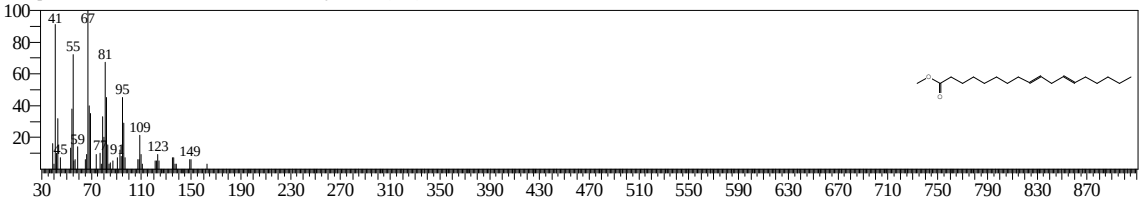
Hit#:1 Entry:138918 Library:Wiley9.lib
SI:60 Formula:C12H22O2 CAS:0-00-0 MolWeight:198 RetIndex:0
CompName:neryl acetal



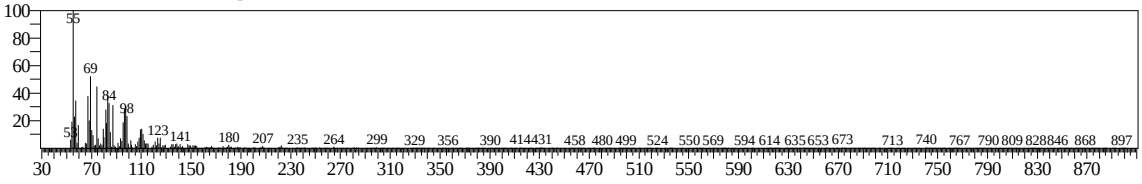
<< Target >>
Line#:50 R.Time:21.283(Scan#:2195) MassPeaks:432
RawMode:Averaged 21.275-21.292(2194-2196) BasePeak:67.20(31325)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



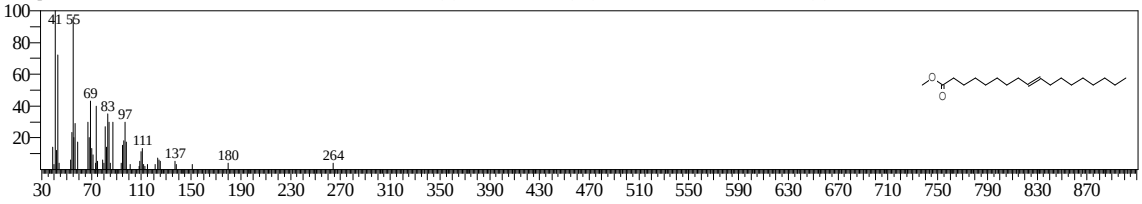
Hit#:1 Entry:23466 Library:NIST27.LIB
SI:96 Formula:C19H34O2 CAS:2566-97-4 MolWeight:294 RetIndex:0
CompName:9,12-Octadecadienoic acid, methyl ester, (E,E)-



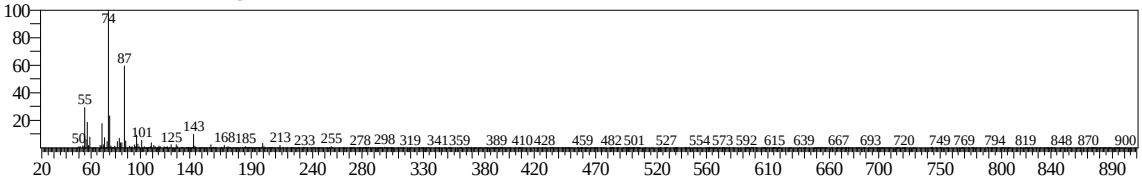
<< Target >>
Line#:51 R.Time:21.433(Scan#:2213) MassPeaks:502
RawMode:Averaged 21.425-21.442(2212-2214) BasePeak:55.15(14883)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



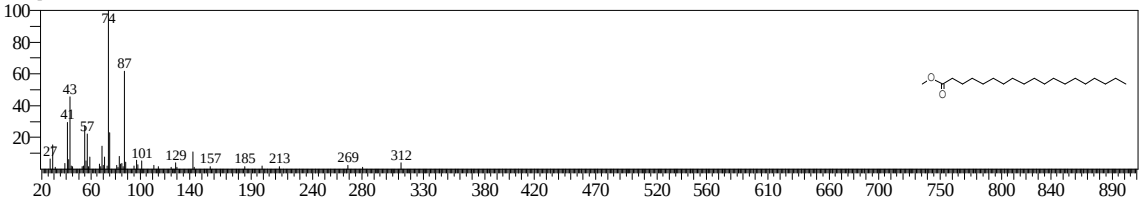
Hit#:1 Entry:235430 Library:WILEY8.LIB
SI:92 Formula:C19H36O2 CAS:1937-62-8 MolWeight:296 RetIndex:0
CompName:9-OCTADECENOIC ACID, METHYL ESTER, (E)- $$ METHYL (9E)-9-OCTADECENOATE # $$ (E)-9-OCTADECENOIC ACID METHYL EST



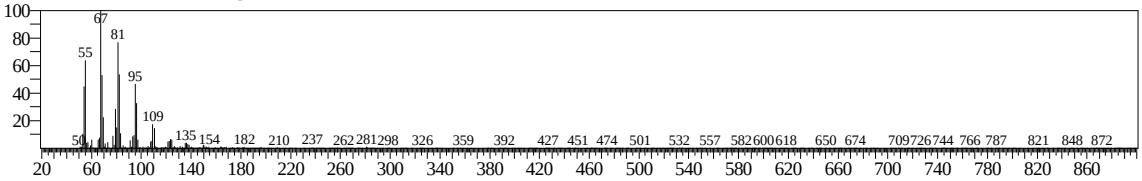
<< Target >>
Line#:52 R.Time:22.042(Scan#:2286) MassPeaks:405
RawMode:Averaged 22.033-22.050(2285-2287) BasePeak:74.20(16496)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



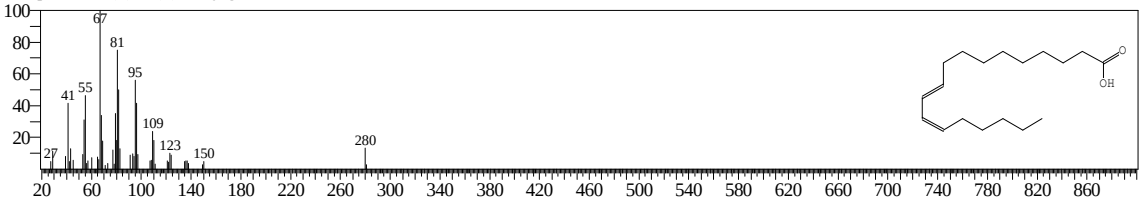
Hit#:1 Entry:400779 Library:Wiley9.lib
SI:94 Formula:C20H40O2 CAS:1731-94-8 MolWeight:312 RetIndex:0
CompName:NONADECANOIC ACID, METHYL ESTER $$ METHYL NONADECANOATE $$ NONADECANOIC ACID METHYL ESTER $$ AI3-36454 $



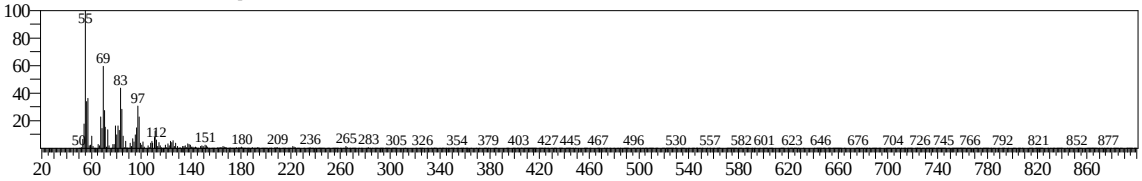
<< Target >>
Line#:53 R.Time:22.342(Scan#:2322) MassPeaks:465
RawMode:Averaged 22.333-22.350(2321-2323) BasePeak:67.20(106830)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



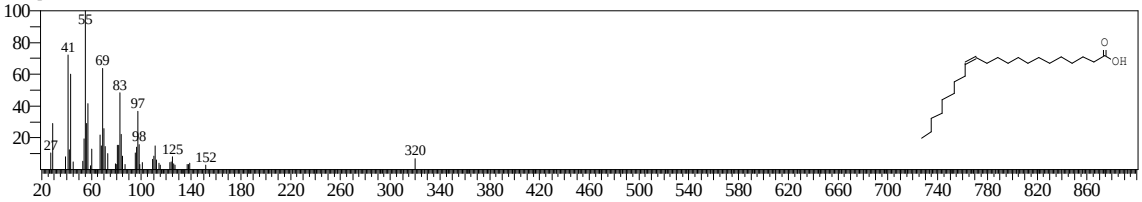
Hit#:1 Entry:154746 Library:NIST17.lib
SI:94 Formula:C18H32O2 CAS:2420-56-6 MolWeight:280 RetIndex:2183
CompName:10(E),12(Z)-Conjugated linoleic acid



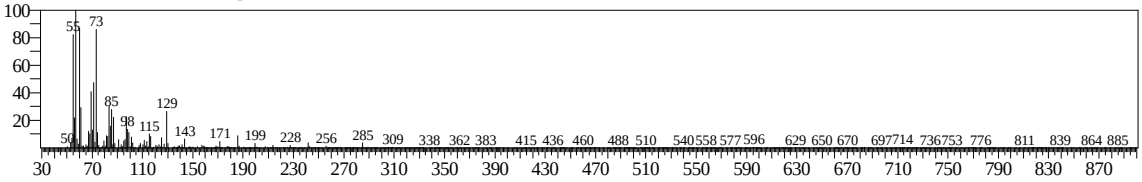
<< Target >>
Line#:54 R.Time:22.467(Scan#:2337) MassPeaks:519
RawMode:Averaged 22.458-22.475(2336-2338) BasePeak:55.15(60365)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



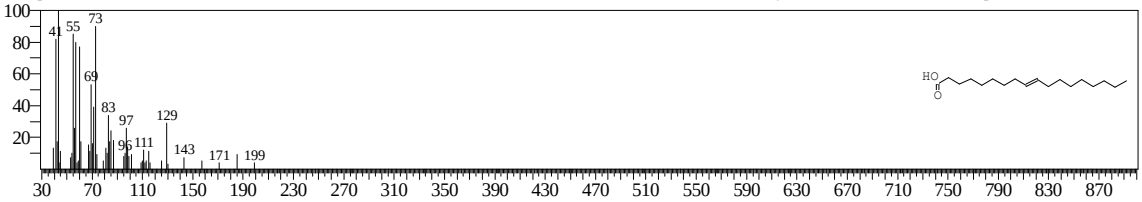
Hit#:1 Entry:217209 Library:NIST17.lib
SI:92 Formula:C22H42O2 CAS:112-86-7 MolWeight:338 RetIndex:2572
CompName:Erucic acid



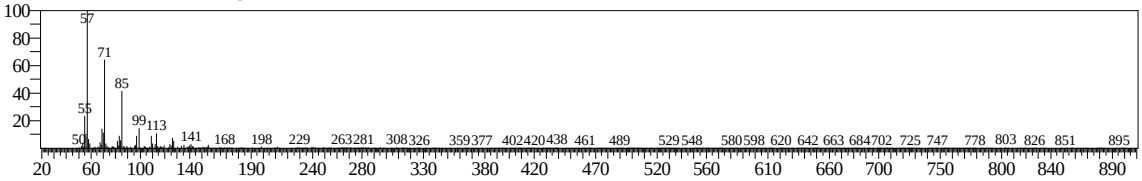
<< Target >>
Line#:55 R.Time:22.967(Scan#:2397) MassPeaks:531
RawMode:Averaged 22.958-22.975(2396-2398) BasePeak:57.20(16938)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



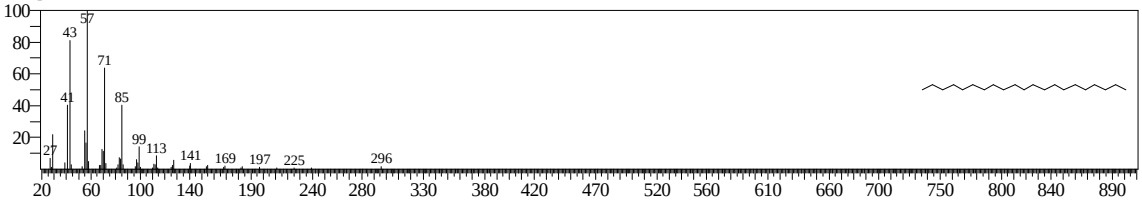
Hit#:1 Entry:335029 Library:Wiley9.lib
SI:93 Formula:C18H34O2 CAS:112-80-1 MolWeight:282 RetIndex:0
CompName:9-Octadecenoic acid (Z)- (CAS) $$ Oleic acid $$ Red oil $$ Oelsauere $$ Oleine 7503 $$ Pamolyn 100 $$ Emersol 211 $$ Vopcolene 27 $$ cis-Ole



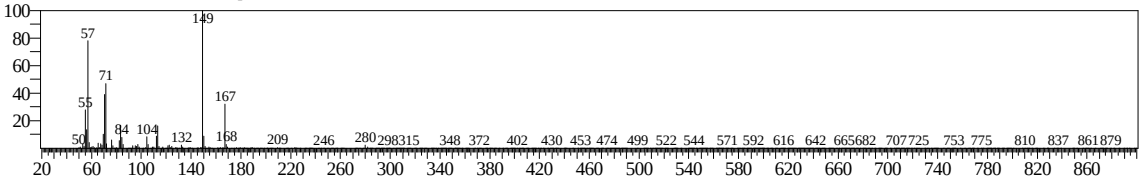
<< Target >>
Line#:56 R.Time:29.550(Scan#:3187) MassPeaks:487
RawMode:Averaged 29.542-29.558(3186-3188) BasePeak:57.20(15125)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



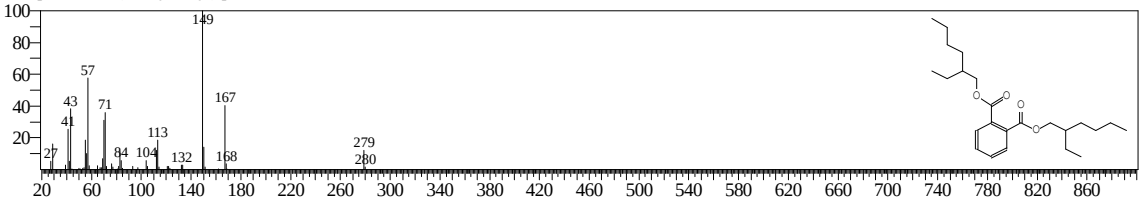
Hit#:1 Entry:172571 Library:NIST17.lib
SI:90 Formula:C21H44 CAS:629-94-7 MolWeight:296 RetIndex:2109
CompName:Heneicosane



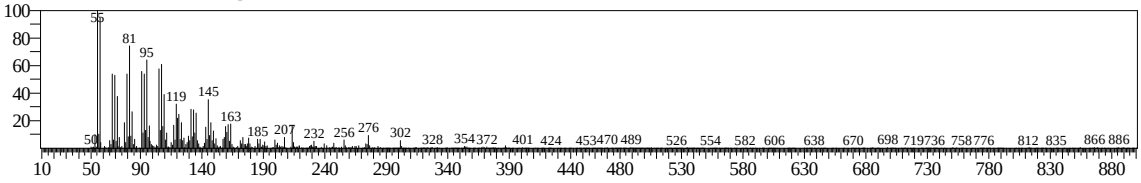
<< Target >>
Line#:57 R.Time:30.117(Scan#:3255) MassPeaks:495
RawMode:Averaged 30.108-30.125(3254-3256) BasePeak:149.40(28732)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



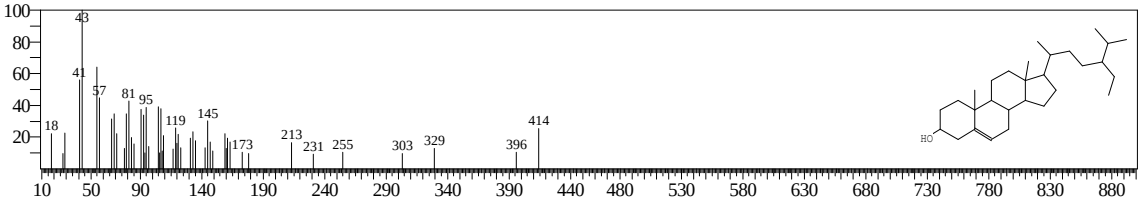
Hit#:1 Entry:259668 Library:NIST17.lib
SI:91 Formula:C24H38O4 CAS:117-81-7 MolWeight:390 RetIndex:2704
CompName:Bis(2-ethylhexyl) phthalate



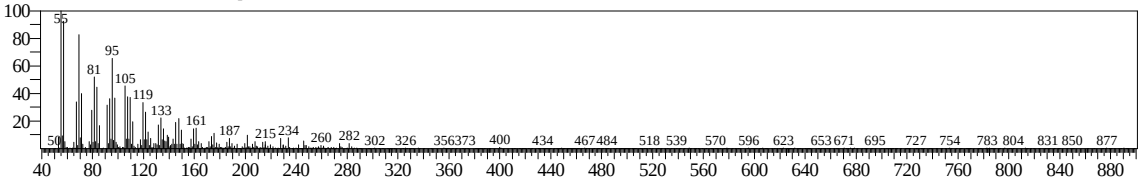
<< Target >>
Line#:58 R.Time:40.342(Scan#:4482) MassPeaks:508
RawMode:Averaged 40.333-40.350(4481-4483) BasePeak:55.15(10588)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



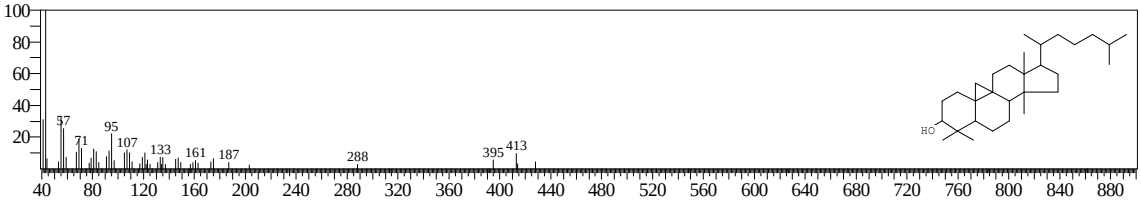
Hit#:1 Entry:26810 Library:NIST27.LIB
SI:86 Formula:C29H50O CAS:83-46-5 MolWeight:414 RetIndex:0
CompName:.beta.-Sitosterol



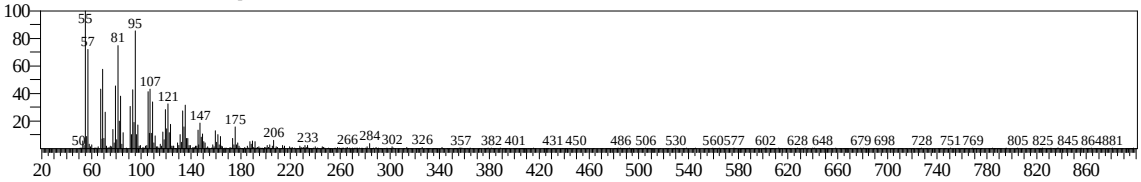
<< Target >>
Line#:59 R.Time:42.150(Scan#:4699) MassPeaks:491
RawMode:Averaged 42.142-42.158(4698-4700) BasePeak:55.15(11225)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



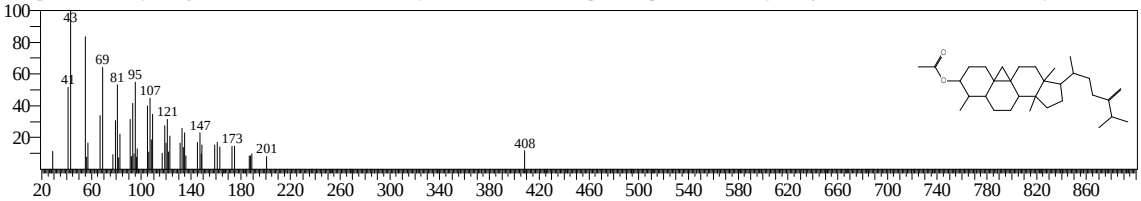
Hit#:1 Entry:26960 Library:NIST27.LIB
SI:85 Formula:C30H52O CAS:4657-58-3 MolWeight:428 RetIndex:0
CompName:Cycloartanol



<< Target >>
Line#:60 R.Time:43.775(Scan#:4894) MassPeaks:527
RawMode:Averaged 43.767-43.783(4893-4895) BasePeak:55.15(8697)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:1 Entry:138970 Library:NIST147.LIB
SI:88 Formula:C32H52O2 CAS:10376-42-8 MolWeight:468 RetIndex:0
CompName:9,19-Cycloergost-24(28)-en-3-ol, 4,14-dimethyl-, acetate, (3.beta.,4.alpha.,5.alpha.)- $$ 9,19-Cycloergost-24(28)-en-3-ol, 4,14-dimethyl-, acetate $$



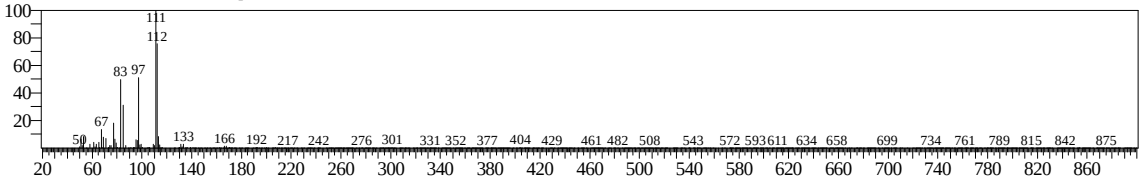
Library

<< Target >>

Line#:1 R.Time:3.183(Scan#:23) MassPeaks:565

RawMode:Averaged 3.175-3.192(22-24) BasePeak:111.15(17098)

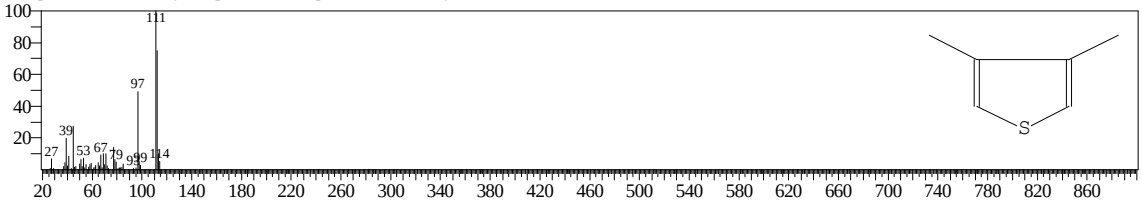
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:1 Entry:13378 Library:Wiley9.lib

SI:87 Formula:C6H8S CAS:632-15-5 MolWeight:112 RetIndex:0

CompName:3,4-Dimethylthiophene $$ Thiophene, 3,4-dimethyl- (CAS)

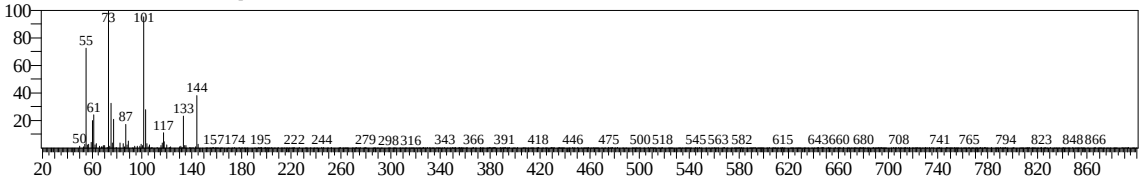


<< Target >>

Line#:2 R.Time:4.058(Scan#:128) MassPeaks:482

RawMode:Averaged 4.050-4.067(127-129) BasePeak:73.15(7739)

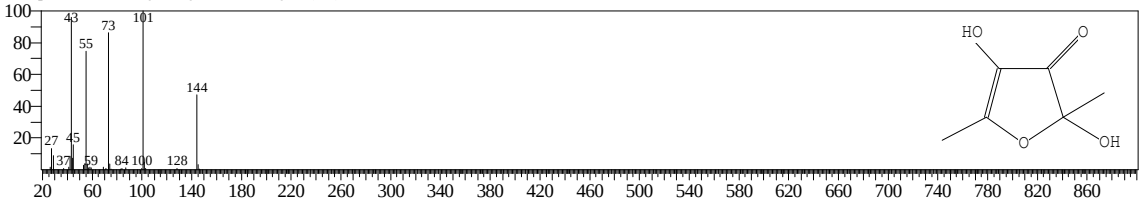
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:1 Entry:22907 Library:NIST17.lib

SI:75 Formula:C6H8O4 CAS:10230-62-3 MolWeight:144 RetIndex:1173

CompName:2,4-Dihydroxy-2,5-dimethyl-3(2H)-furan-3-one

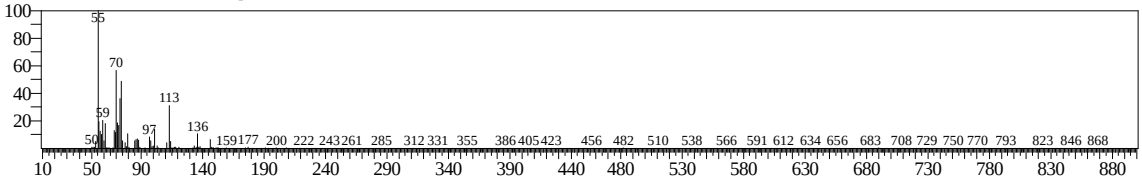


<< Target >>

Line#:3 R.Time:6.367(Scan#:405) MassPeaks:322

RawMode:Averaged 6.358-6.375(404-406) BasePeak:55.10(15317)

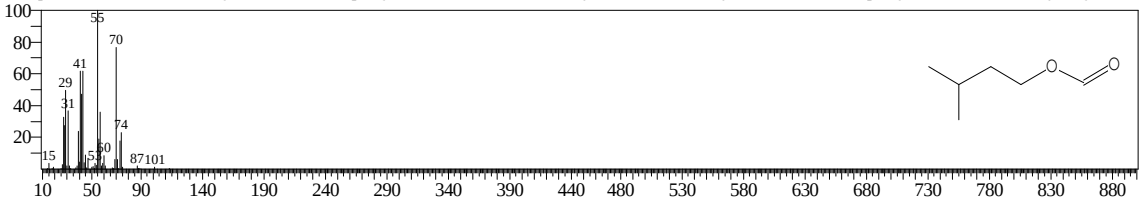
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



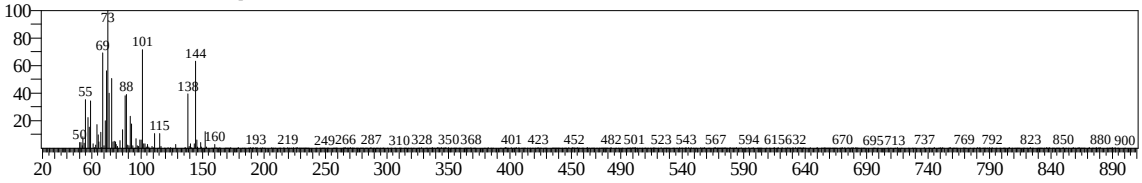
Hit#:1 Entry:4459 Library:NIST147.LIB

SI:76 Formula:C6H12O2 CAS:110-45-2 MolWeight:116 RetIndex:0

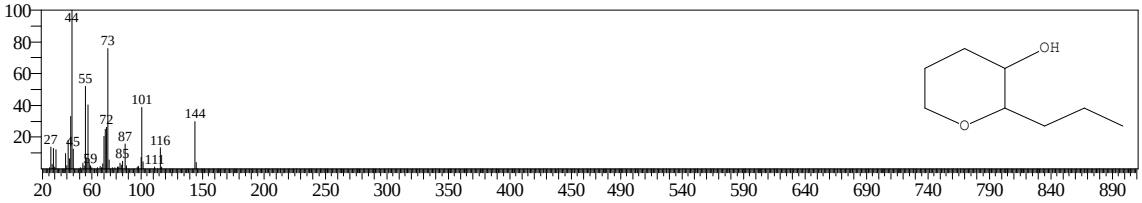
CompName:1-Butanol, 3-methyl-, formate $$ Isopentyl alcohol, formate $$ Isoamyl formate $$ Isoamyl methanoate $$ Isopentyl formate $$ 3-Methylbutyl forma



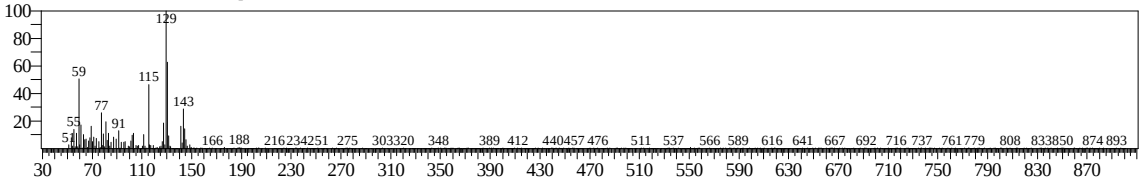
<< Target >>
Line#:4 R.Time:6.800(Scan#:457) MassPeaks:482
RawMode:Averaged 6.792-6.808(456-458) BasePeak:73.15(8455)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



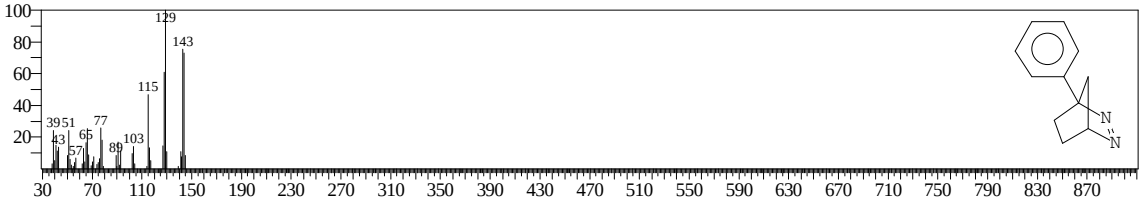
Hit#:1 Entry:23229 Library:NIST17.lib
SI:66 Formula:C8H16O2 CAS:0-00-0 MolWeight:144 RetIndex:1156
CompName:2-Propyl-tetrahydropyran-3-ol



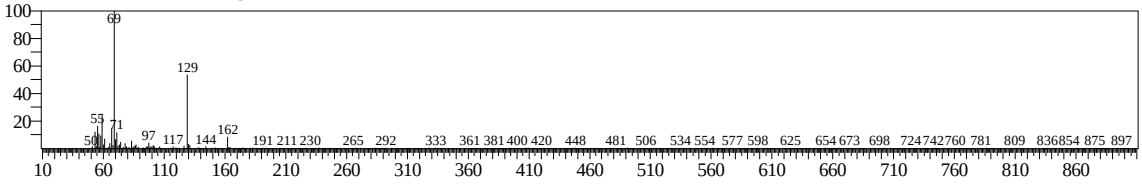
<< Target >>
Line#:5 R.Time:7.358(Scan#:524) MassPeaks:583
RawMode:Averaged 7.350-7.367(523-525) BasePeak:129.30(6934)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



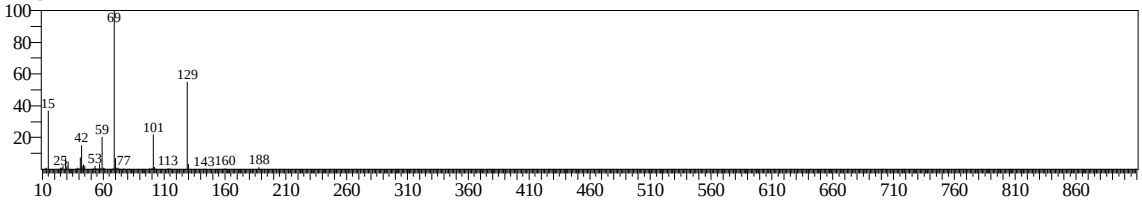
Hit#:1 Entry:25598 Library:NIST147.LIB
SI:69 Formula:C11H12N2 CAS:118476-59-8 MolWeight:172 RetIndex:0
CompName:2,3-Diazabicyclo[2.2.1]hept-2-ene, 1-phenyl- $$ 1-Phenyl-2,3-diazabicyclo[2.2.1]hept-2-ene # $$



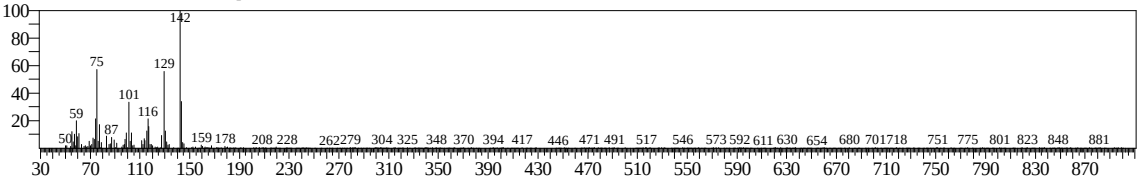
<< Target >>
Line#:6 R.Time:9.083(Scan#:731) MassPeaks:423
RawMode:Averaged 9.075-9.092(730-732) BasePeak:69.20(14094)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



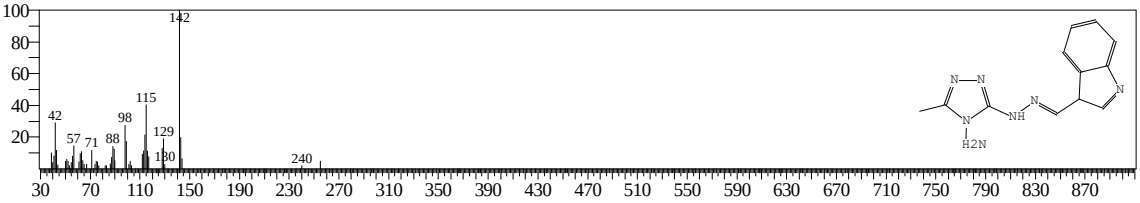
Hit#:1 Entry:86859 Library:WILEY8.LIB
SI:78 Formula:C7H8O6 CAS:0-00-0 MolWeight:188 RetIndex:0
CompName:DIMETHYL 2,4-DIKETOGLUTARATE



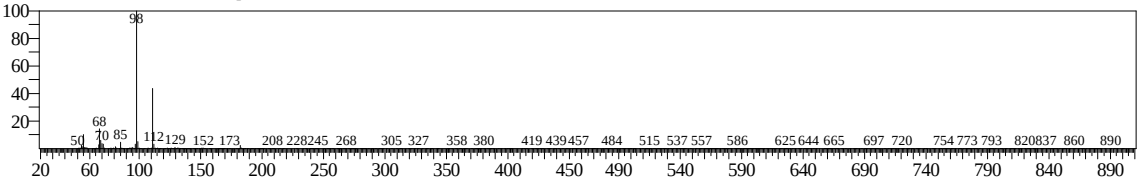
<< Target >>
Line#:7 R.Time:10.325(Scan#:880) MassPeaks:450
RawMode:Averaged 10.317-10.333(879-881) BasePeak:142.35(7189)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



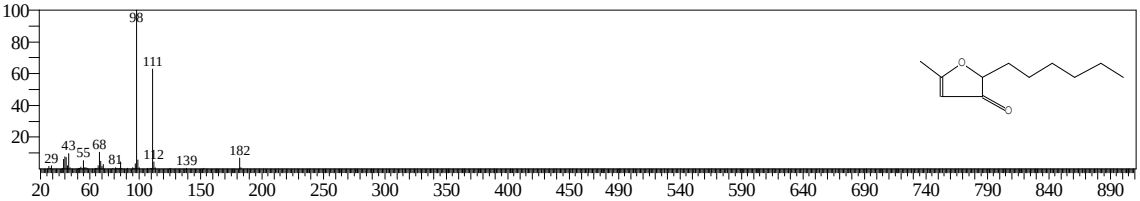
Hit#:1 Entry:127487 Library:NIST17.lib
SI:69 Formula:C12H13N7 CAS:0-00-0 MolWeight:255 RetIndex:2497
CompName:3-[N'-(3H-Indol-3-ylmethylene)-hydrazino]-5-methyl-[1,2,4]triazol-4-ylamine



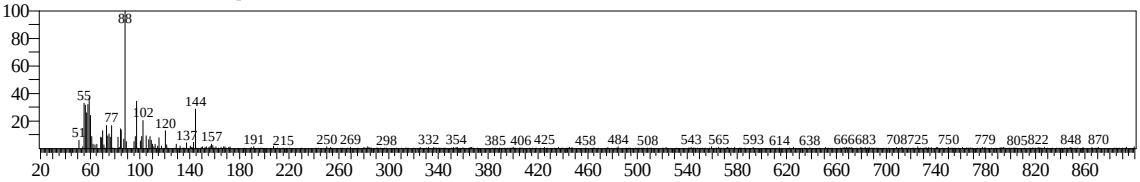
<< Target >>
Line#:8 R.Time:10.842(Scan#:942) MassPeaks:504
RawMode:Averaged 10.833-10.850(941-943) BasePeak:98.25(89065)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



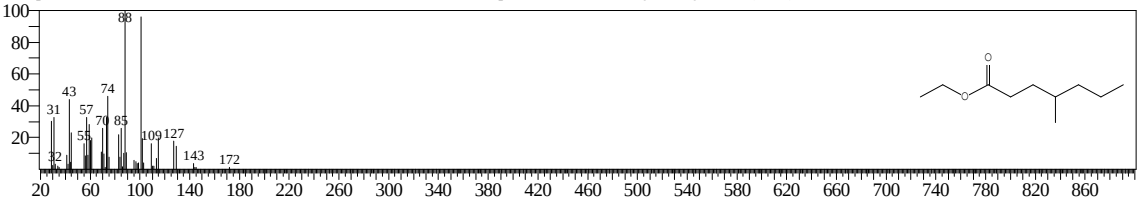
Hit#:1 Entry:54248 Library:NIST17.lib
SI:93 Formula:C11H18O2 CAS:33922-66-6 MolWeight:182 RetIndex:1390
CompName:3(2H)-Furanone, 2-hexyl-5-methyl-



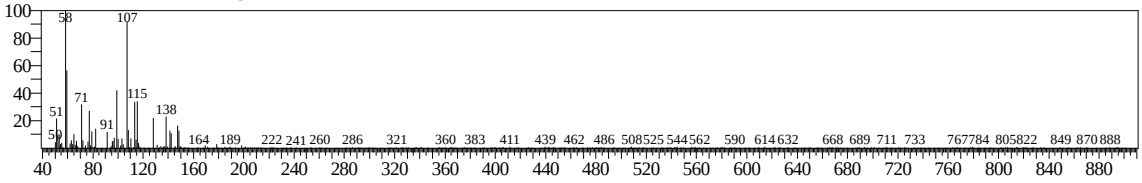
<< Target >>
Line#:9 R.Time:11.267(Scan#:993) MassPeaks:452
RawMode:Averaged 11.258-11.275(992-994) BasePeak:88.20(3121)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



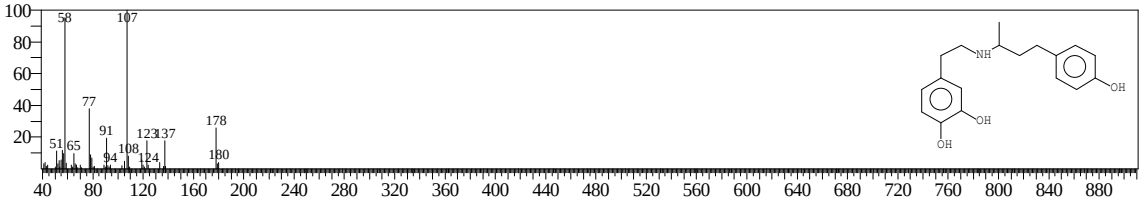
Hit#:1 Entry:87838 Library:Wiley9.lib
SI:71 Formula:C10H20O2 CAS:22084-69-1 MolWeight:172 RetIndex:0
CompName:4D-METHYLHEPTANOIC ACID ETHYL ESTER $$ Heptanoic acid, 4-methyl-, ethyl ester (CAS)



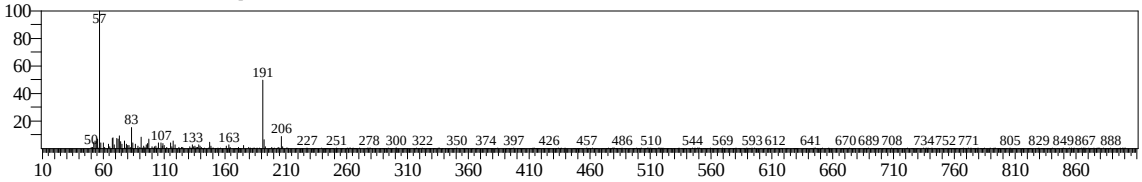
<< Target >>
Line#:10 R.Time:11.492(Scan#:1020) MassPeaks:372
RawMode:Averaged 11.483-11.500(1019-1021) BasePeak:58.15(4308)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



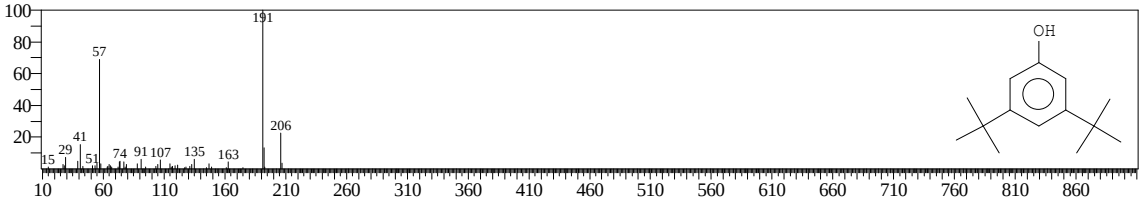
Hit#:1 Entry:23798 Library:NIST27.LIB
SI:61 Formula:C18H23NO3 CAS:34368-04-2 MolWeight:301 RetIndex:0
CompName:Dobutamine



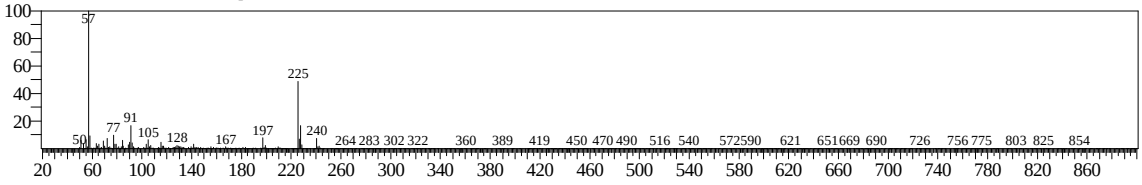
<< Target >>
Line#:11 R.Time:11.700(Scan#:1045) MassPeaks:486
RawMode:Averaged 11.692-11.708(1044-1046) BasePeak:57.15(8246)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



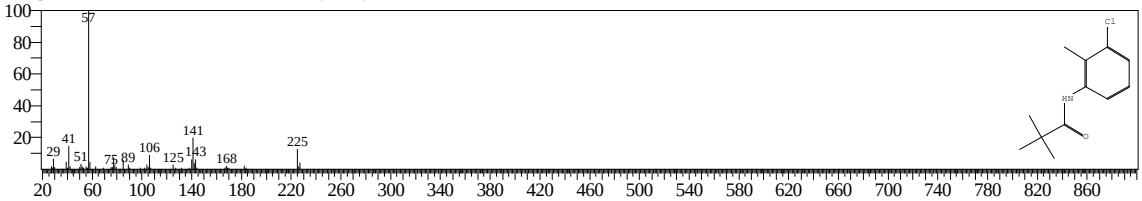
Hit#:1 Entry:17012 Library:NIST27.LIB
SI:72 Formula:C14H22O CAS:1138-52-9 MolWeight:206 RetIndex:0
CompName:Phenol, 3,5-bis(1,1-dimethylethyl)-



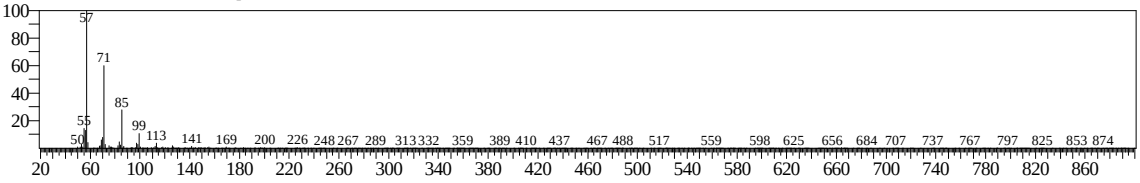
<< Target >>
Line#:12 R.Time:11.992(Scan#:1080) MassPeaks:527
RawMode:Averaged 11.983-12.000(1079-1081) BasePeak:57.20(31716)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



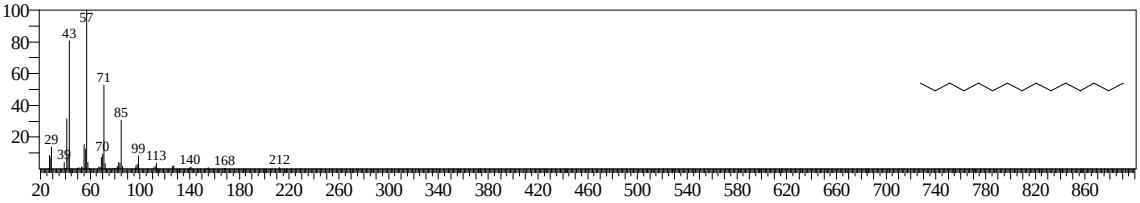
Hit#:1 Entry:96757 Library:NIST17.lib
SI:67 Formula:C12H16ClNO CAS:114153-36-5 MolWeight:225 RetIndex:1800
CompName:3-Chloro-o-toluidine, N-trimethylacetyl-



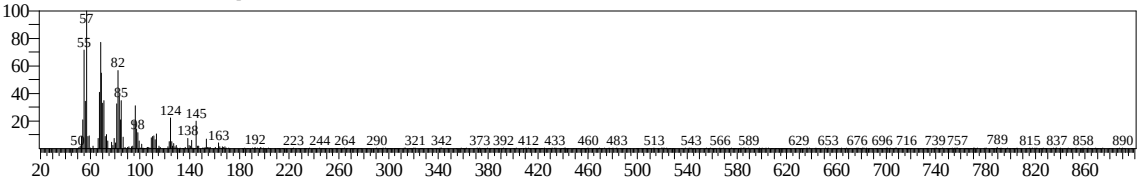
<< Target >>
Line#:13 R.Time:12.775(Scan#:1174) MassPeaks:429
RawMode:Averaged 12.767-12.783(1173-1175) BasePeak:57.20(18700)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



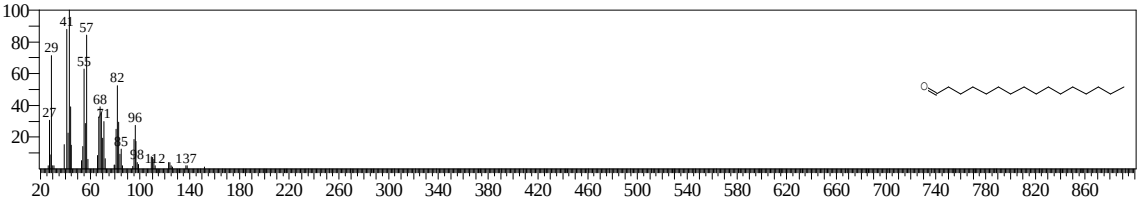
Hit#:1 Entry:171132 Library:Wiley9.lib
SI:95 Formula:C15H32 CAS:629-62-9 MolWeight:212 RetIndex:0
CompName:PENTADECANE $$ BRN 1698194 $$ CH3(CH2)13CH3 $$ EINECS 211-098-1 $$ HSDB 5729 $$ N-PENTADECANE $$ NSC 172781



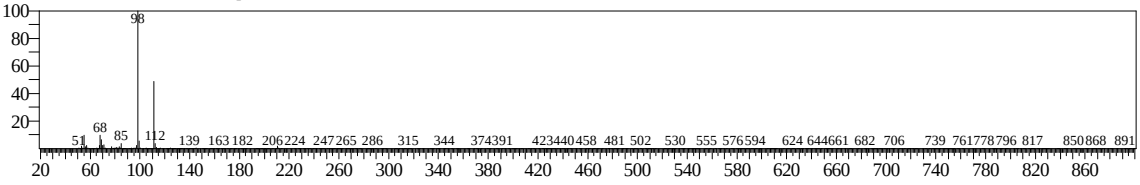
<< Target >>
Line#:14 R.Time:13.000(Scan#:1201) MassPeaks:494
RawMode:Averaged 12.992-13.008(1200-1202) BasePeak:57.15(7199)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



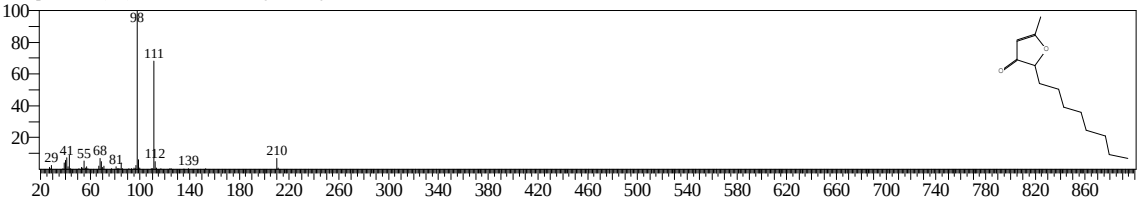
Hit#:1 Entry:161810 Library:WILEY8.LIB
SI:89 Formula:C16H32O CAS:629-80-1 MolWeight:240 RetIndex:0
CompName:HEXADECANAL $$ PALMITALDEHYDE $$ 1-HEXADECANAL $$ 16-HEXADECANAL $$ AI3-24252 $$ EINECS 211-111-0 $$ PALMITIC A



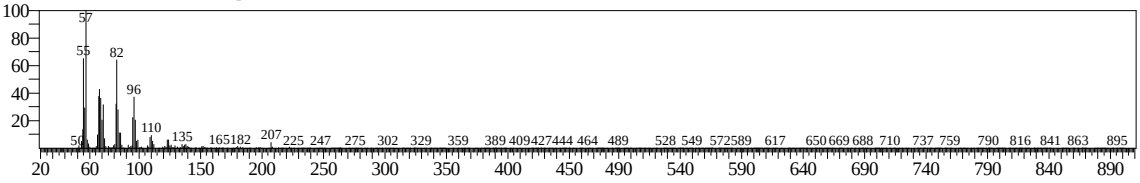
<< Target >>
Line#:15 R.Time:13.475(Scan#:1258) MassPeaks:453
RawMode:Averaged 13.467-13.483(1257-1259) BasePeak:98.25(112013)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



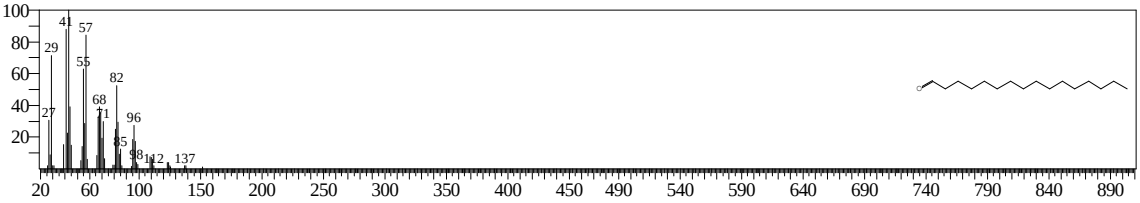
Hit#:1 Entry:81475 Library:NIST17.lib
SI:94 Formula:C13H22O2 CAS:57877-72-2 MolWeight:210 RetIndex:1588
CompName:3(2H)-Furanone, 5-methyl-2-octyl-



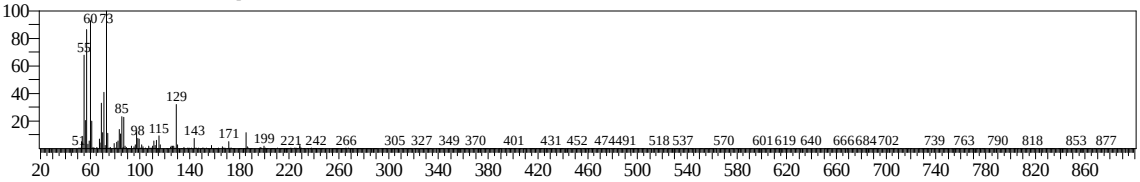
<< Target >>
Line#:16 R.Time:14.225(Scan#:1348) MassPeaks:480
RawMode:Averaged 14.217-14.233(1347-1349) BasePeak:57.20(24555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



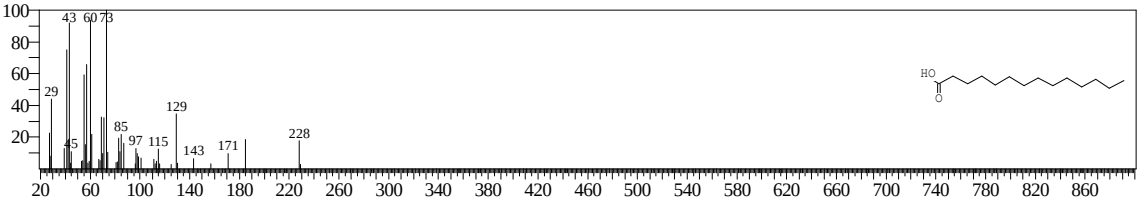
Hit#:1 Entry:62531 Library:NIST147.LIB
SI:96 Formula:C16H32O CAS:629-80-1 MolWeight:240 RetIndex:0
CompName:Hexadecanal $$ Palmitaldehyde $$



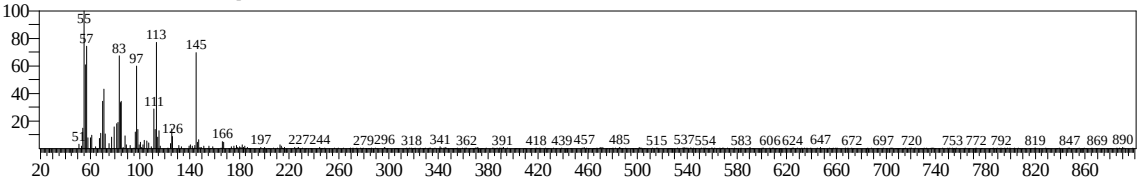
<< Target >>
Line#:17 R.Time:14.875(Scan#:1426) MassPeaks:490
RawMode:Averaged 14.867-14.883(1425-1427) BasePeak:73.20(20225)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



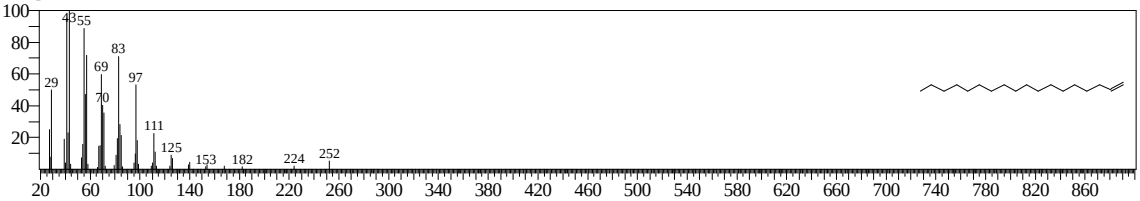
Hit#:1 Entry:144615 Library:WILEY8.LIB
SI:95 Formula:C14H28O2 CAS:544-63-8 MolWeight:228 RetIndex:0
CompName:TETRADECANOIC ACID $$ METHYL TRIDECANOATE $$ MYRISTIC ACID $$ TETRADECANOATE $$ 1-TRIDECANECARBOXYLIC AC



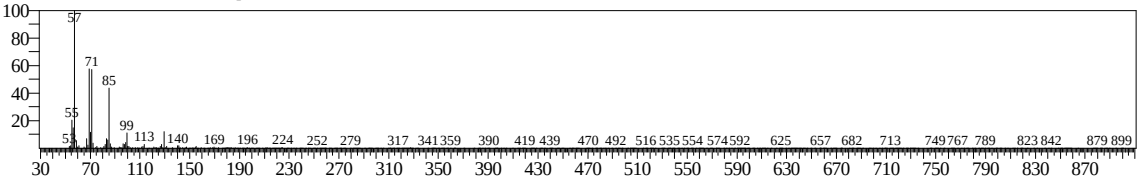
<< Target >>
Line#:18 R.Time:15.183(Scan#:1463) MassPeaks:384
RawMode:Averaged 15.175-15.192(1462-1464) BasePeak:55.15(3160)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



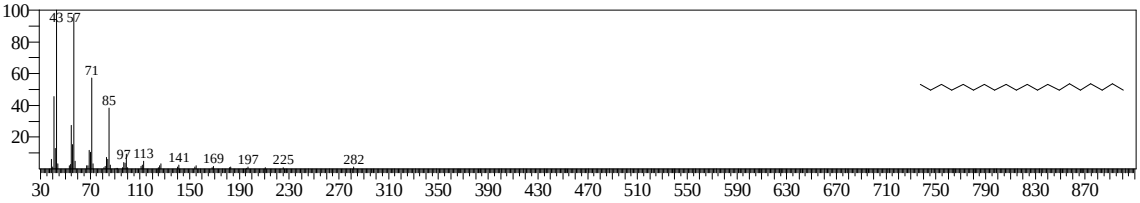
Hit#:1 Entry:125074 Library:NIST17.lib
SI:78 Formula:C18H36 CAS:112-88-9 MolWeight:252 RetIndex:1801
CompName:1-Octadecene



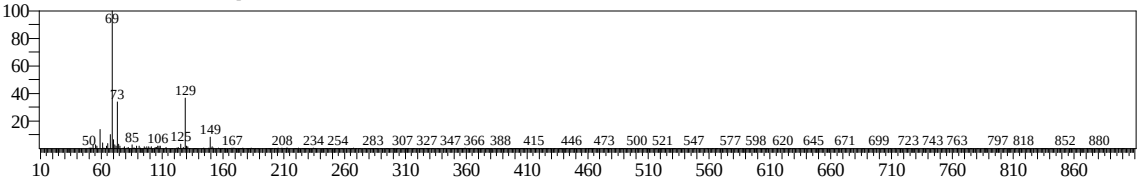
<< Target >>
Line#:19 R.Time:15.275(Scan#:1474) MassPeaks:440
RawMode:Averaged 15.267-15.283(1473-1475) BasePeak:57.20(18064)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



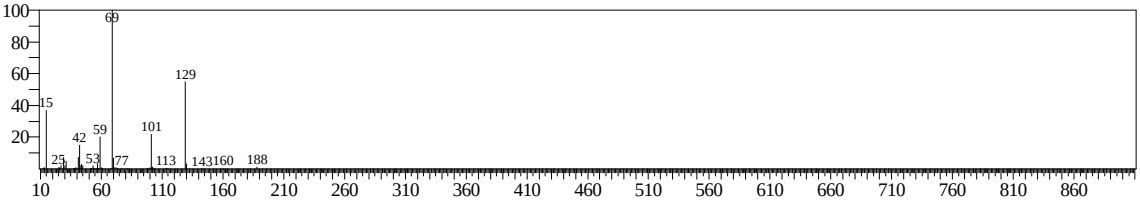
Hit#:1 Entry:217768 Library:WILEY8.LIB
SI:89 Formula:C20H42 CAS:112-95-8 MolWeight:282 RetIndex:0
CompName:EICOSANE $$ ICOSANE $$ ICOSANE # $$ AI3-28404 $$ CCRIS 663 $$ EICOSAN $$ EINECS 204-018-1 $$ ICOSANE (COMPUTER-GENE



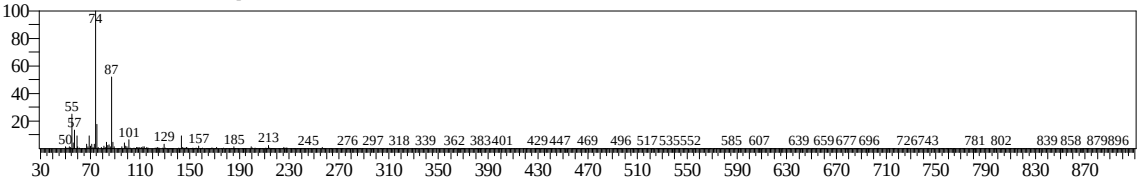
<< Target >>
Line#:20 R.Time:15.392(Scan#:1488) MassPeaks:381
RawMode:Averaged 15.383-15.400(1487-1489) BasePeak:69.20(16257)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



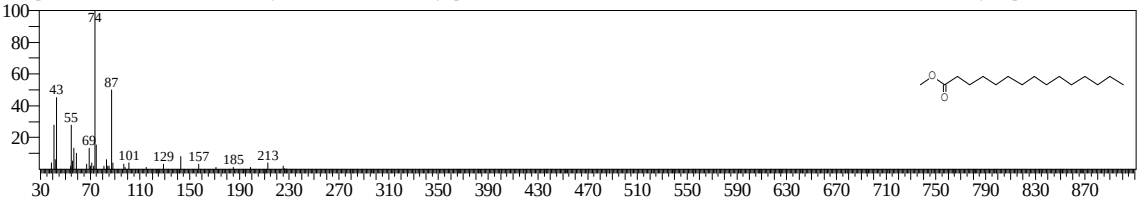
Hit#:1 Entry:86859 Library:WILEY8.LIB
SI:76 Formula:C7H8O6 CAS:0-00-0 MolWeight:188 RetIndex:0
CompName:DIMETHYL 2,4-DIKETOGLUTARATE



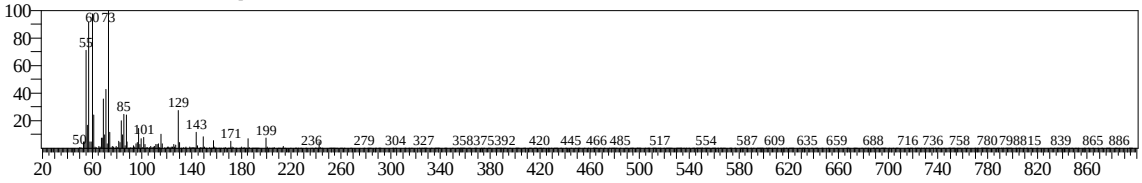
<< Target >>
Line#:21 R.Time:15.658(Scan#:1520) MassPeaks:423
RawMode:Averaged 15.650-15.667(1519-1521) BasePeak:74.20(23752)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



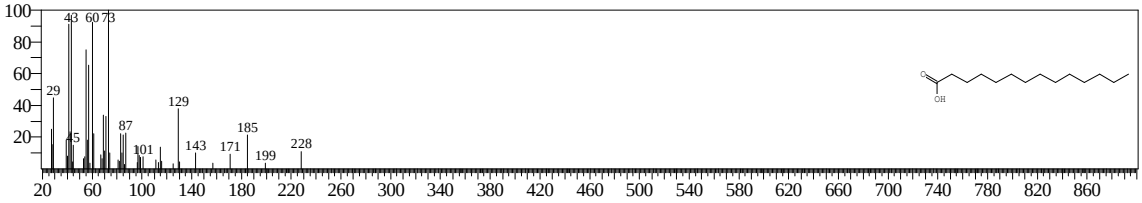
Hit#:1 Entry:274496 Library:Wiley9.lib
SI:94 Formula:C16H32O2 CAS:7132-64-1 MolWeight:256 RetIndex:0
CompName:Pentadecanoic acid, methyl ester (CAS) $$ Methyl pentadecanoate $$ PENTADECANOIC ACID-METHYL ESTER $$ Methyl n-pentadecanoate $



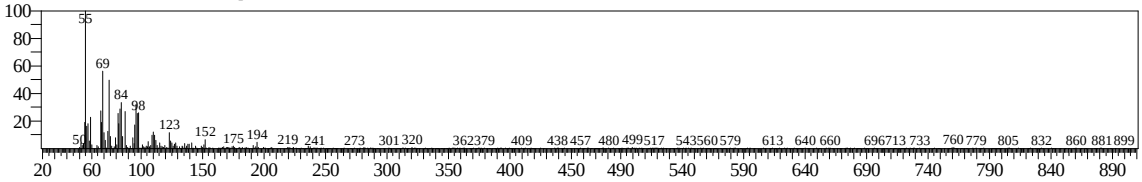
<< Target >>
Line#:22 R.Time:16.342(Scan#:1602) MassPeaks:428
RawMode:Averaged 16.333-16.350(1601-1603) BasePeak:73.20(31969)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



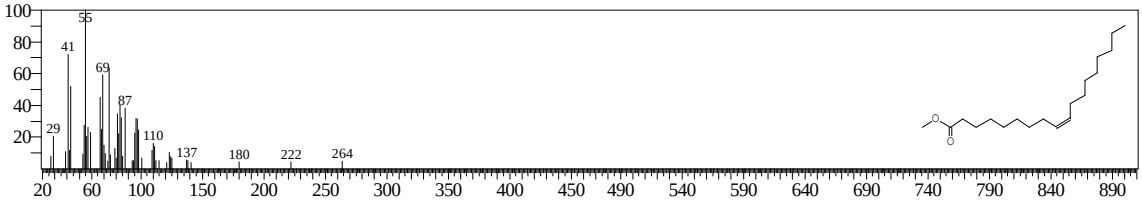
Hit#:1 Entry:19260 Library:NIST27.LIB
SI:93 Formula:C14H28O2 CAS:544-63-8 MolWeight:228 RetIndex:0
CompName:Tetradecanoic acid



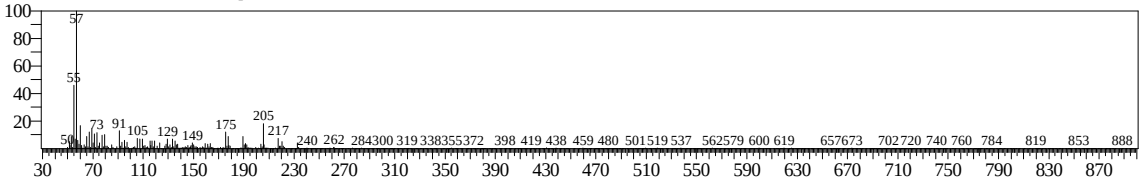
<< Target >>
Line#:23 R.Time:16.992(Scan#:1680) MassPeaks:490
RawMode:Averaged 16.983-17.000(1679-1681) BasePeak:55.15(5591)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



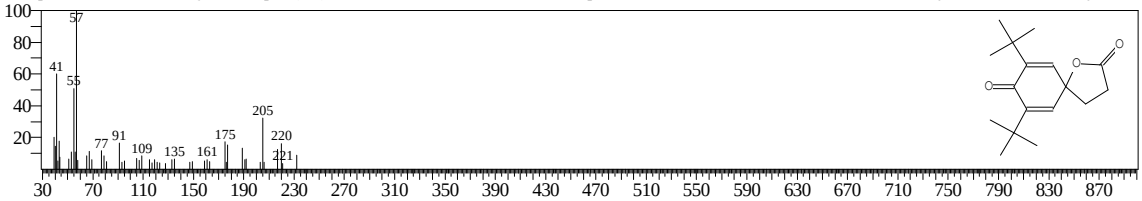
Hit#:1 Entry:172447 Library:NIST17.lib
SI:91 Formula:C19H36O2 CAS:112-62-9 MolWeight:296 RetIndex:2085
CompName:9-Octadecenoic acid (Z)-, methyl ester



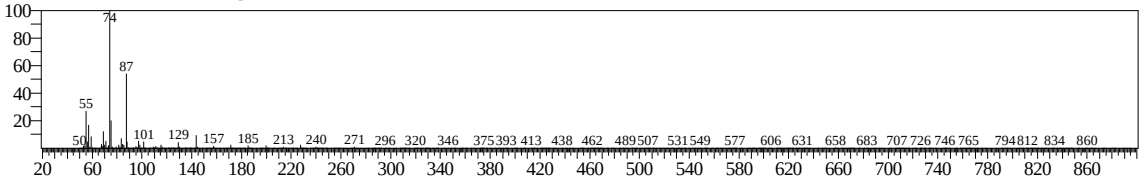
<< Target >>
Line#:24 R.Time:17.192(Scan#:1704) MassPeaks:600
RawMode:Averaged 17.183-17.200(1703-1705) BasePeak:57.20(12544)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



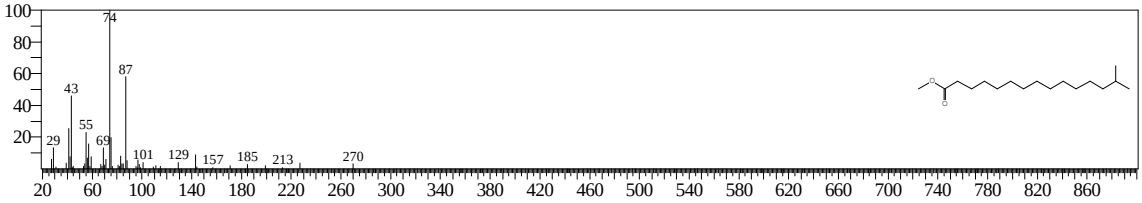
Hit#:1 Entry:81670 Library:NIST147.LIB
SI:84 Formula:C17H24O3 CAS:82304-66-3 MolWeight:276 RetIndex:0
CompName:7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2,8-dione $$ 1-Oxa-spiro[4.5]deca-6,9-diene-2,8-dione, 7,9-di-tert-butyl- $$ 7,9-Di-tert-butyl-1-ox



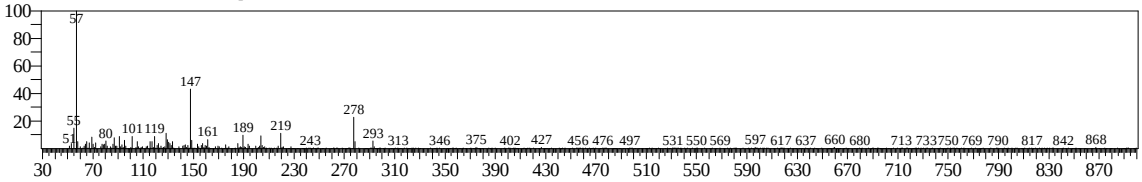
<< Target >>
Line#:25 R.Time:17.383(Scan#:1727) MassPeaks:468
RawMode:Averaged 17.375-17.392(1726-1728) BasePeak:74.20(485901)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



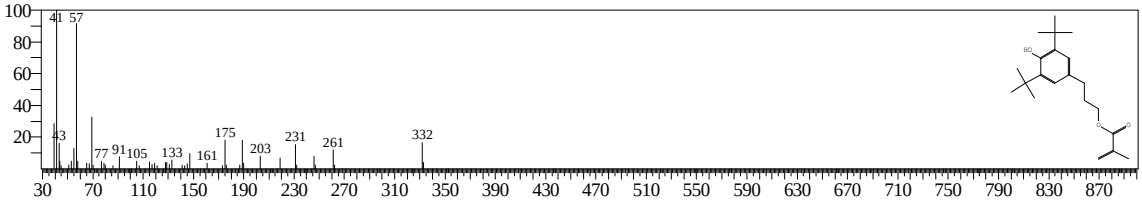
Hit#:1 Entry:22197 Library:NIST27.LIB
SI:96 Formula:C17H34O2 CAS:5129-60-2 MolWeight:270 RetIndex:0
CompName:Pentadecanoic acid, 14-methyl-, methyl ester



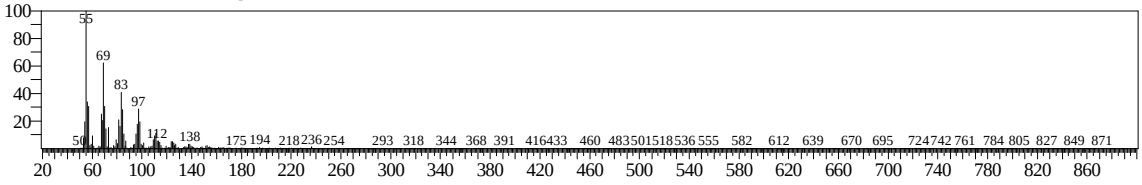
<< Target >>
Line#:26 R.Time:17.575(Scan#:1750) MassPeaks:492
RawMode:Averaged 17.567-17.583(1749-1751) BasePeak:57.20(4673)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



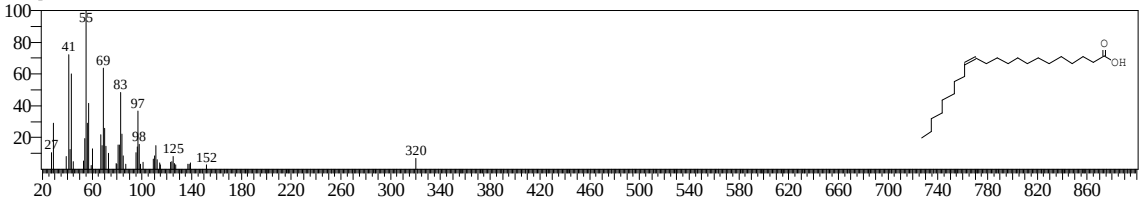
Hit#:1 Entry:277302 Library:WILEY8.LIB
SI:68 Formula:C21H32O3 CAS:24732-16-9 MolWeight:332 RetIndex:0
CompName:3-(3,5-DITERT-BUTYL-4-HYDROXYPHENYL)PROPYL 2-METHYLACRYLATE # $$ 3-(3,5-DI-TERT-BUTYL-4-HYDROXYPHENYL)PROP



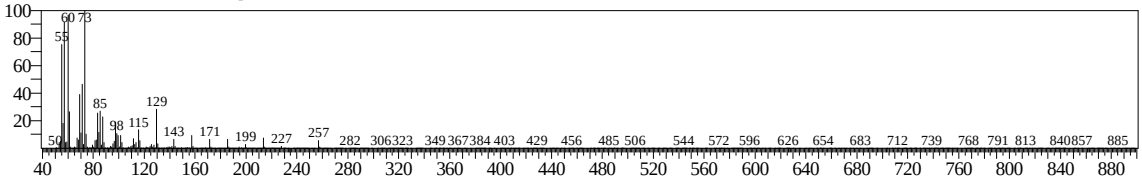
<< Target >>
Line#:27 R.Time:17.875(Scan#:1786) MassPeaks:511
RawMode:Averaged 17.867-17.883(1785-1787) BasePeak:55.15(22104)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



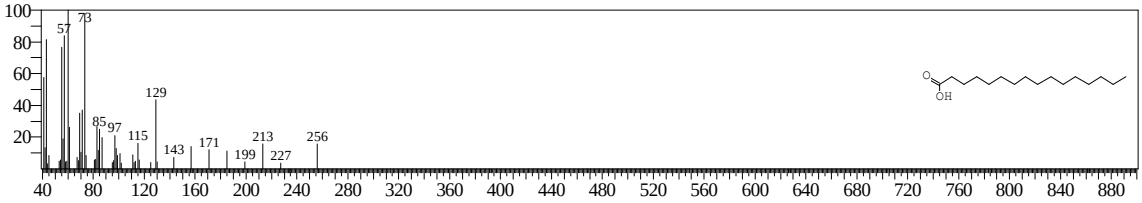
Hit#:1 Entry:217209 Library:NIST17.lib
SI:94 Formula:C22H42O2 CAS:112-86-7 MolWeight:338 RetIndex:2572
CompName:Erucic acid



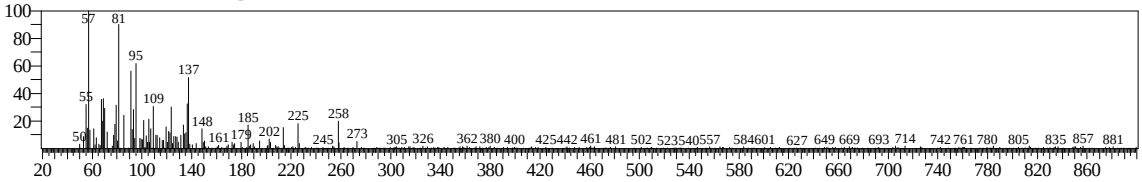
<< Target >>
Line#:28 R.Time:18.425(Scan#:1852) MassPeaks:532
RawMode:Averaged 18.417-18.433(1851-1853) BasePeak:73.20(518775)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



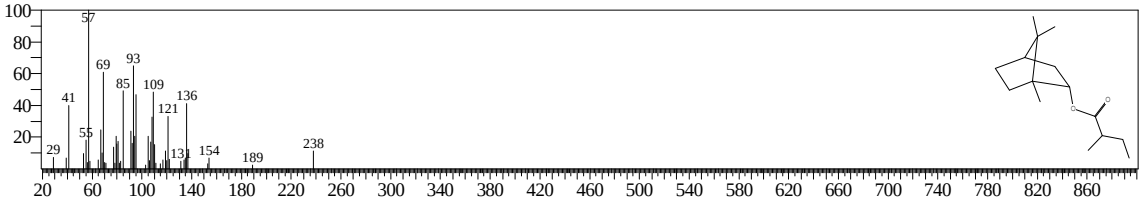
Hit#:1 Entry:129354 Library:NIST17.lib
SI:95 Formula:C16H32O2 CAS:57-10-3 MolWeight:256 RetIndex:1968
CompName:n-Hexadecanoic acid



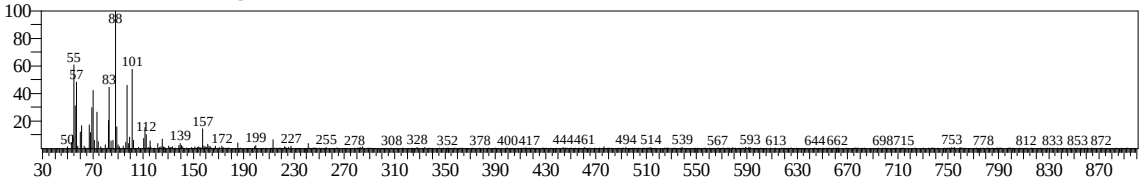
<< Target >>
Line#:29 R.Time:18.717(Scan#:1887) MassPeaks:386
RawMode:Averaged 18.708-18.725(1886-1888) BasePeak:57.20(1720)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



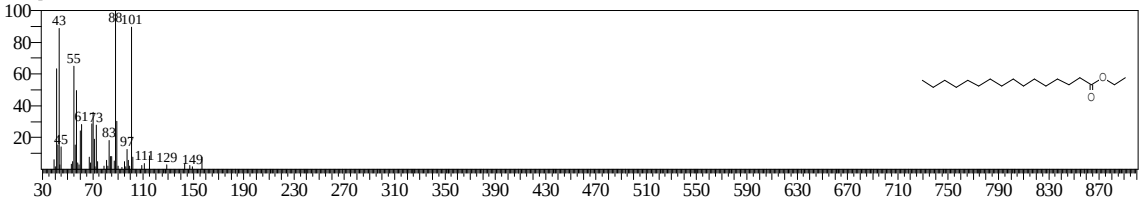
Hit#:1 Entry:110276 Library:NIST17.lib
SI:69 Formula:C15H26O2 CAS:149181-53-3 MolWeight:238 RetIndex:1512
CompName:Bornyl 2-methylbutanoate



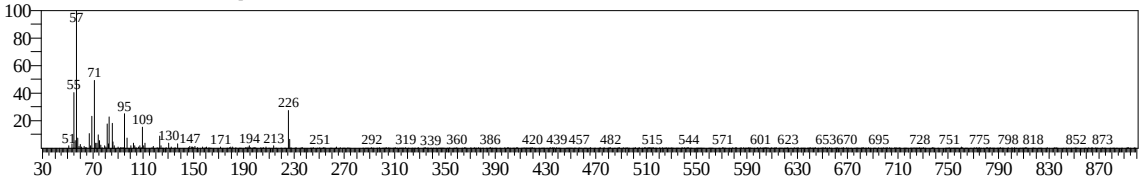
<< Target >>
Line#:30 R.Time:18.867(Scan#:1905) MassPeaks:469
RawMode:Averaged 18.858-18.875(1904-1906) BasePeak:88.20(4026)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



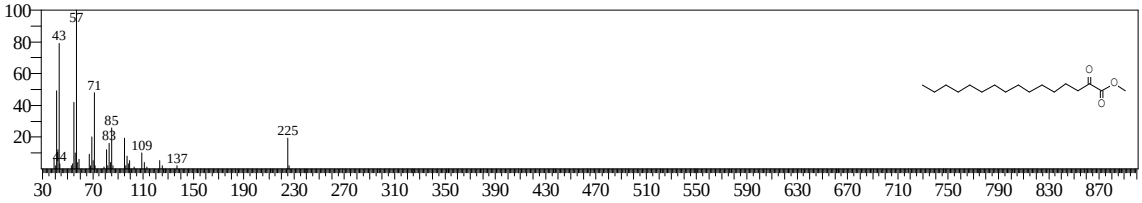
Hit#:1 Entry:220261 Library:WILEY8.LIB
SI:83 Formula:C18H36O2 CAS:628-97-7 MolWeight:284 RetIndex:0
CompName:HEXADECANOIC ACID, ETHYL ESTER $$ ETHYL HEXADECANOATE $$ PALMITIC ACID ETHYL ESTER $$ AI3-06331 $$ EINECS 211-(



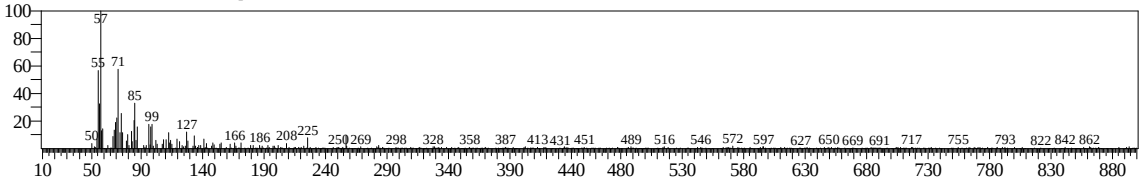
<< Target >>
Line#:31 R.Time:18.958(Scan#:1916) MassPeaks:497
RawMode:Averaged 18.950-18.967(1915-1917) BasePeak:57.20(7203)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



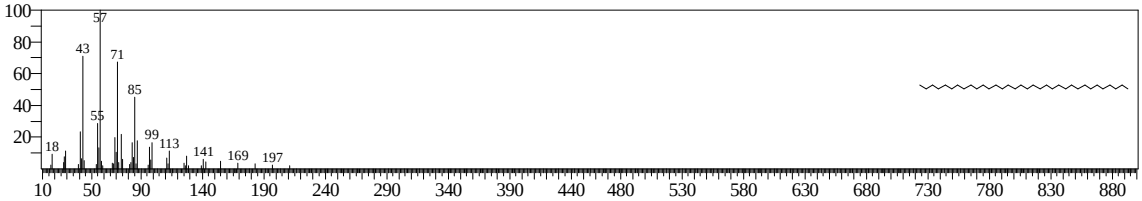
Hit#:1 Entry:339288 Library:Wiley9.lib
SI:83 Formula:C17H32O3 CAS:55836-30-1 MolWeight:284 RetIndex:0
CompName:Hexadecanoic acid, 2-oxo-, methyl ester (CAS) $$ METHYL .ALPHA.-KETOPALMITATE $$ Methyl 2-oxohexadecanoate $$ METHYL 2-OXOHE



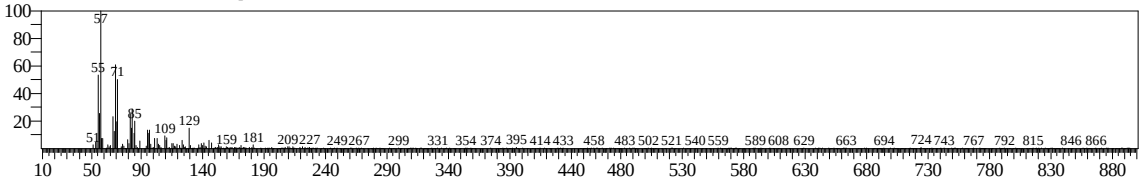
<< Target >>
Line#:32 R.Time:19.042(Scan#:1926) MassPeaks:448
RawMode:Averaged 19.033-19.050(1925-1927) BasePeak:57.20(2514)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



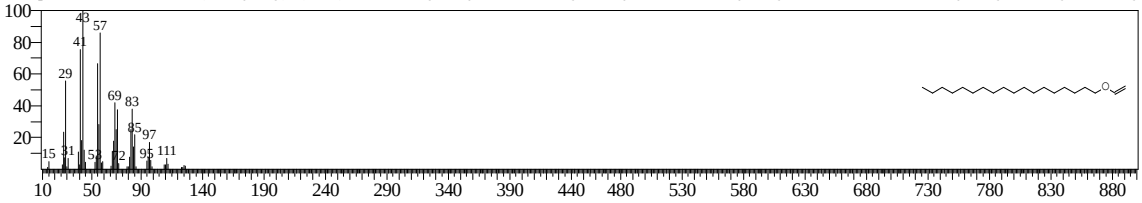
Hit#:1 Entry:607360 Library:Wiley9.lib
SI:76 Formula:C34H70 CAS:14167-59-0 MolWeight:478 RetIndex:0
CompName:Tetratriacontane (CAS) $$ n-Tetratriacontane $$ n - tetra - tria - contanene $$ AI3-36492 $$ EINECS 238-013-0 $$ NSC 2998



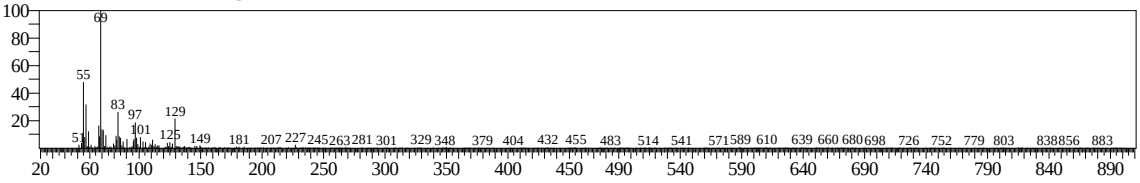
<< Target >>
Line#:33 R.Time:20.017(Scan#:2043) MassPeaks:436
RawMode:Averaged 20.008-20.025(2042-2044) BasePeak:57.20(4968)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



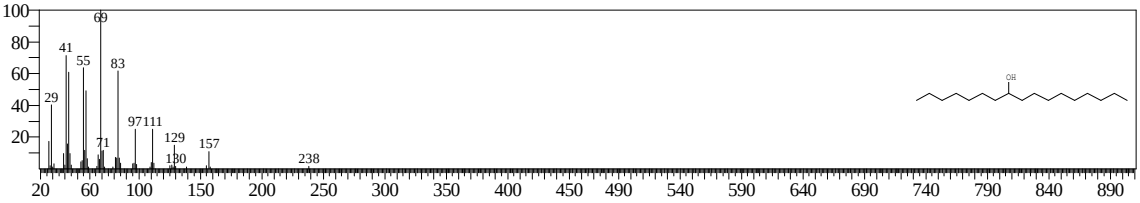
Hit#:1 Entry:366594 Library:Wiley9.lib
SI:84 Formula:C20H40O CAS:930-02-9 MolWeight:296 RetIndex:0
CompName:Octadecane, 1-(ethenyloxy)- (CAS) $$ Octadecyl vinyl ether $$ Vinyl stearyl ether $$ Stearyl vinyl ether $$ Ether, octadecyl vinyl $$ Vinyl octadecy



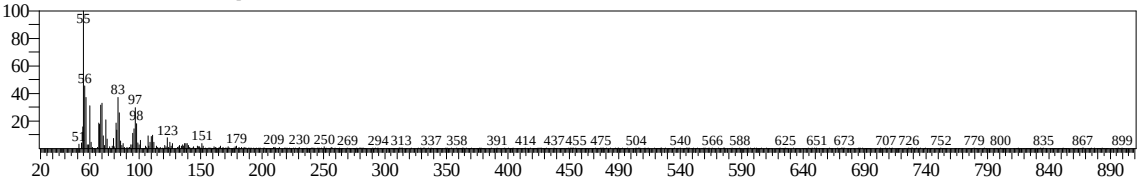
<< Target >>
Line#:34 R.Time:20.183(Scan#:2063) MassPeaks:407
RawMode:Averaged 20.175-20.192(2062-2064) BasePeak:69.20(10790)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



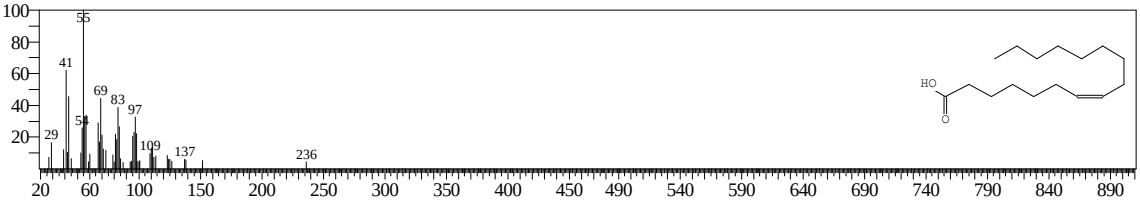
Hit#:1 Entry:71099 Library:NIST147.LIB
SI:82 Formula:C17H36O CAS:2541-75-5 MolWeight:256 RetIndex:0
CompName:8-Heptadecanol $$



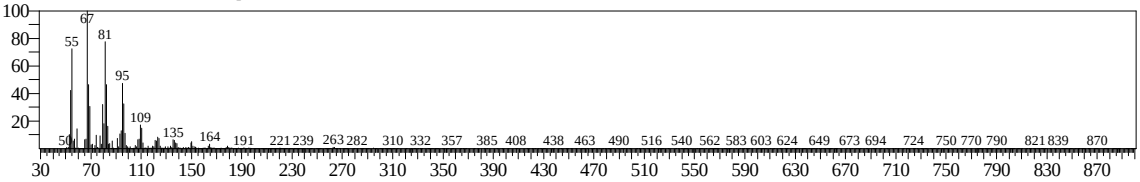
<< Target >>
Line#:35 R.Time:20.342(Scan#:2082) MassPeaks:566
RawMode:Averaged 20.333-20.350(2081-2083) BasePeak:55.15(7660)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



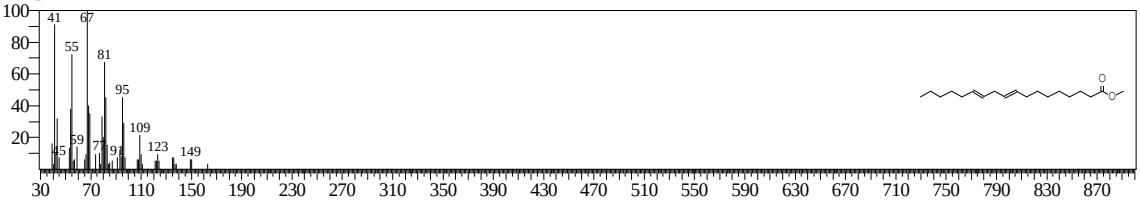
Hit#:1 Entry:127040 Library:NIST17.lib
SI:89 Formula:C16H30O2 CAS:2416-19-5 MolWeight:254 RetIndex:1976
CompName:cis-7-Hexadecenoic acid



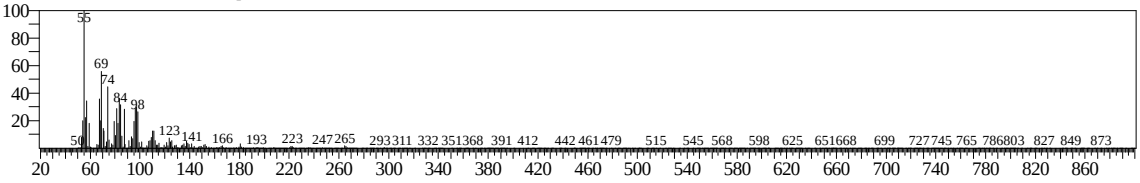
<< Target >>
Line#:36 R.Time:21.275(Scan#:2194) MassPeaks:499
RawMode:Averaged 21.267-21.283(2193-2195) BasePeak:67.20(130071)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



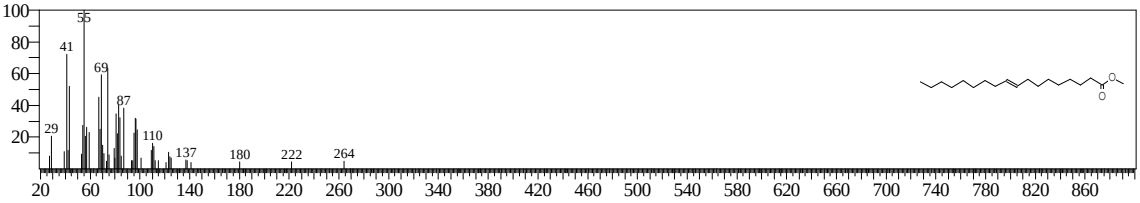
Hit#:1 Entry:232814 Library:WILEY8.LIB
SI:96 Formula:C19H34O2 CAS:2566-97-4 MolWeight:294 RetIndex:0
CompName:9,12-OCTADECADIENOIC ACID, METHYL ESTER, (E,E)- $$ METHYL (9E,12E)-9,12-OCTADECADIENOATE # $$ AI3-36451 $$ EINECS 2



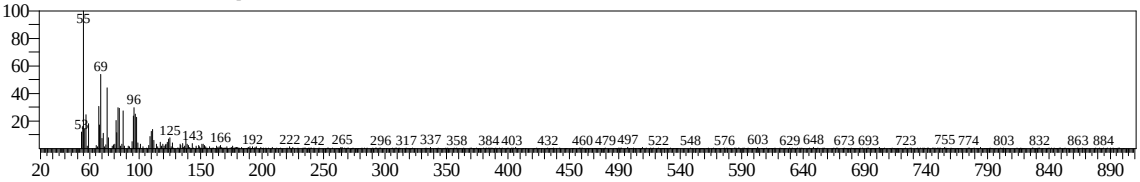
<< Target >>
Line#:37 R.Time:21.425(Scan#:2212) MassPeaks:523
RawMode:Averaged 21.417-21.433(2211-2213) BasePeak:55.15(59409)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



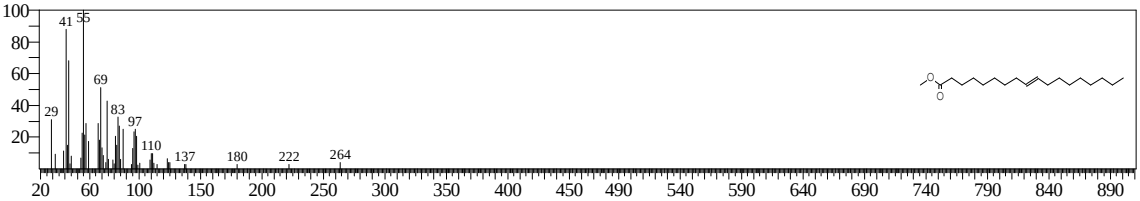
Hit#:1 Entry:235422 Library:WILEY8.LIB
SI:94 Formula:C19H36O2 CAS:112-62-9 MolWeight:296 RetIndex:0
CompName:9-OCTADECENOIC ACID (Z)-, METHYL ESTER $$ 9-OCTADECENOIC ACID, METHYL ESTER $$ METHYL (9Z)-9-OCTADECENOATE #



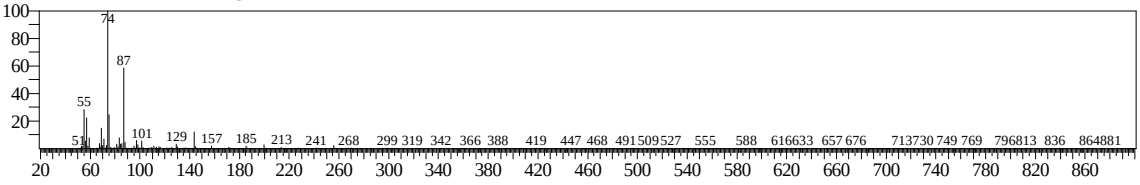
<< Target >>
Line#:38 R.Time:21.558(Scan#:2228) MassPeaks:485
RawMode:Averaged 21.550-21.567(2227-2229) BasePeak:55.15(4974)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



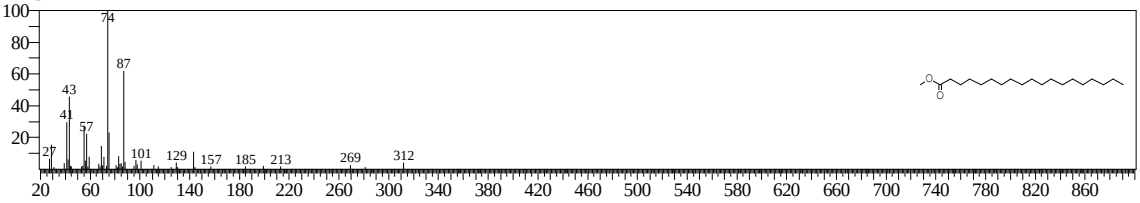
Hit#:1 Entry:235468 Library:WILEY8.LIB
SI:91 Formula:C19H36O2 CAS:0-00-0 MolWeight:296 RetIndex:0
CompName:METHYL 9-OCTADECENOATE $$ METHYL-9-OCTADECENOATE



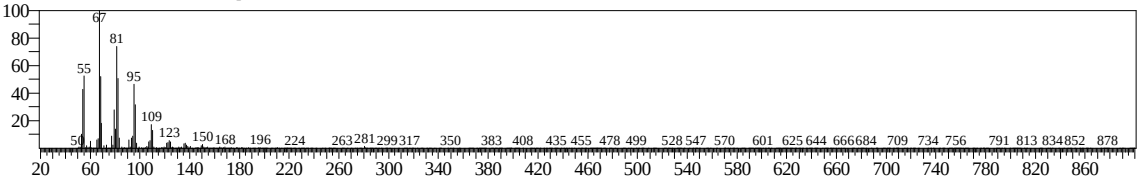
<< Target >>
Line#:39 R.Time:22.033(Scan#:2285) MassPeaks:442
RawMode:Averaged 22.025-22.042(2284-2286) BasePeak:74.20(49147)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



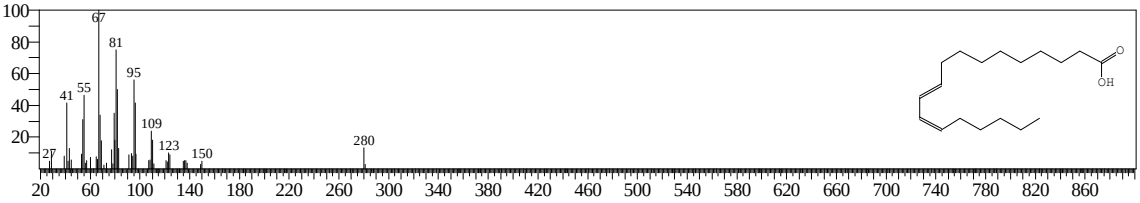
Hit#:1 Entry:400779 Library:Wiley9.lib
SI:96 Formula:C20H40O2 CAS:1731-94-8 MolWeight:312 RetIndex:0
CompName:NONADECANOIC ACID, METHYL ESTER $$ METHYL NONADECANOATE $$ NONADECANOIC ACID METHYL ESTER $$ AI3-36454 $



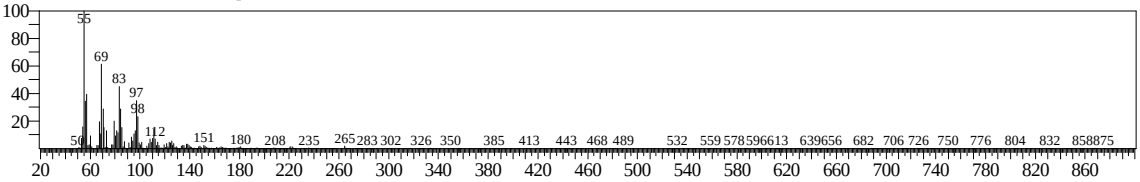
<< Target >>
Line#:40 R.Time:22.417(Scan#:2331) MassPeaks:464
RawMode:Averaged 22.408-22.425(2330-2332) BasePeak:67.20(261328)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



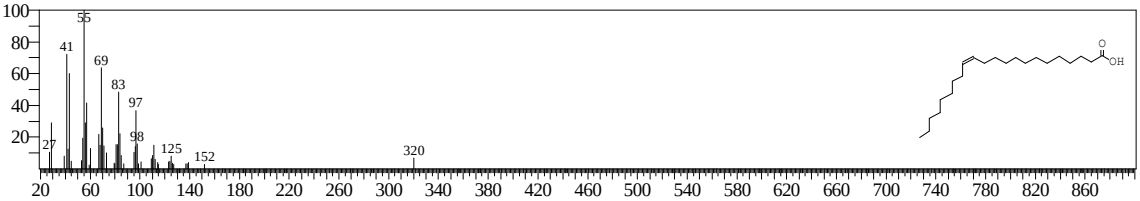
Hit#:1 Entry:154746 Library:NIST17.lib
SI:93 Formula:C18H32O2 CAS:2420-56-6 MolWeight:280 RetIndex:2183
CompName:10(E),12(Z)-Conjugated linoleic acid



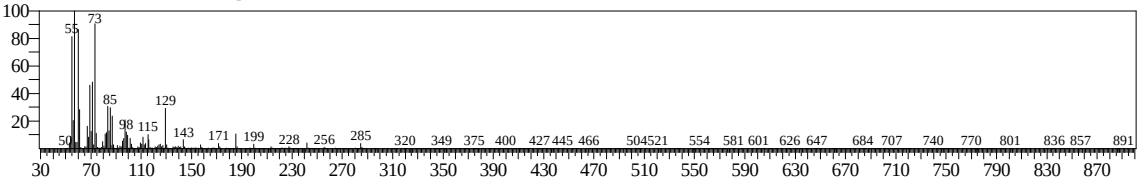
<< Target >>
Line#:41 R.Time:22.542(Scan#:2346) MassPeaks:442
RawMode:Averaged 22.533-22.550(2345-2347) BasePeak:55.15(185723)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



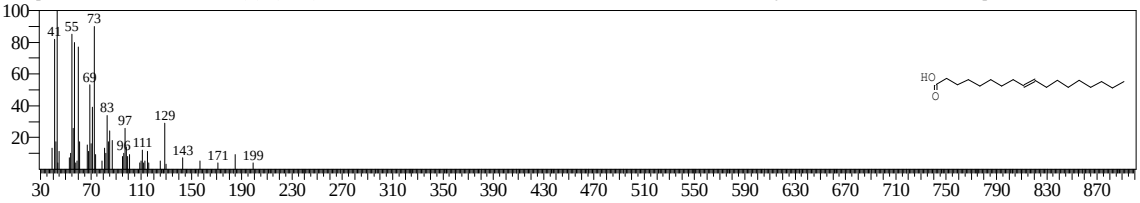
Hit#:1 Entry:217209 Library:NIST17.lib
SI:92 Formula:C22H42O2 CAS:112-86-7 MolWeight:338 RetIndex:2572
CompName:Erucic acid



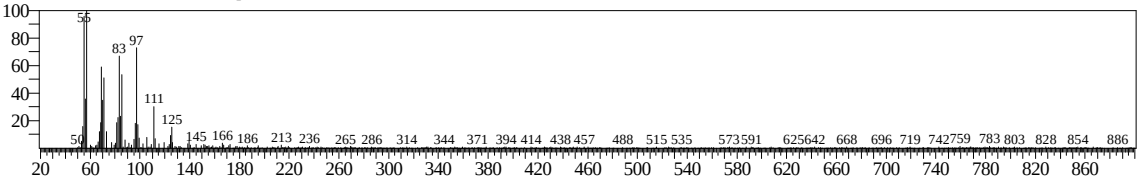
<< Target >>
Line#:42 R.Time:22.992(Scan#:2400) MassPeaks:516
RawMode:Averaged 22.983-23.000(2399-2401) BasePeak:57.20(46721)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



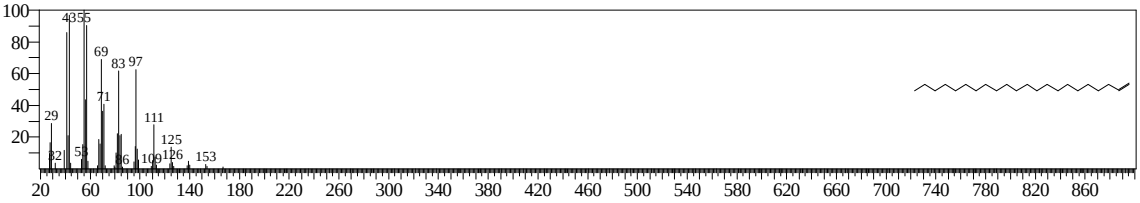
Hit#:1 Entry:335029 Library:Wiley9.lib
SI:95 Formula:C18H34O2 CAS:112-80-1 MolWeight:282 RetIndex:0
CompName:9-Octadecenoic acid (Z)- (CAS) $$ Oleic acid $$ Red oil $$ Oelsauere $$ Oleine 7503 $$ Pamolyn 100 $$ Emersol 211 $$ Vopcolene 27 $$ cis-Ole



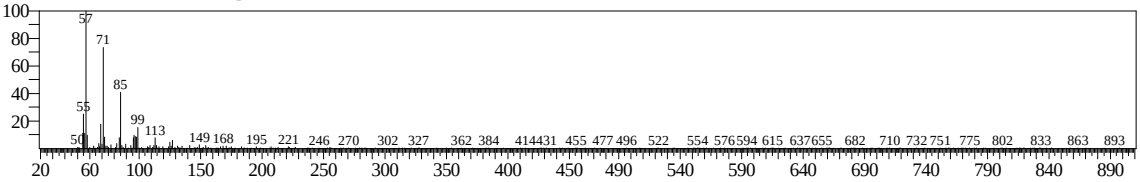
<< Target >>
Line#:43 R.Time:23.542(Scan#:2466) MassPeaks:542
RawMode:Averaged 23.533-23.550(2465-2467) BasePeak:57.20(3947)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



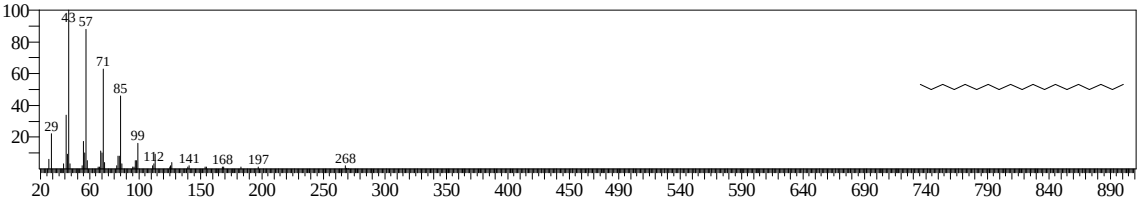
Hit#:1 Entry:24112 Library:NIST27.LIB
SI:90 Formula:C22H44 CAS:1599-67-3 MolWeight:308 RetIndex:0
CompName:1-Docosene



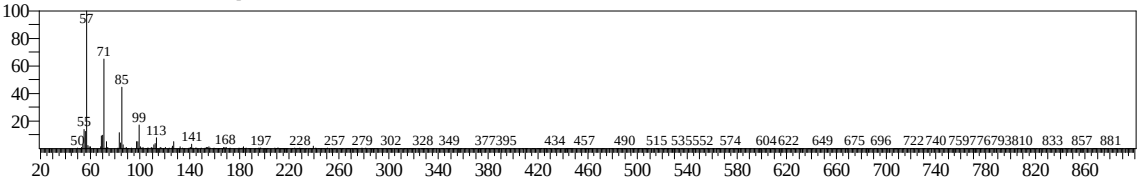
<< Target >>
Line#:44 R.Time:23.667(Scan#:2481) MassPeaks:482
RawMode:Averaged 23.658-23.675(2480-2482) BasePeak:57.20(6273)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



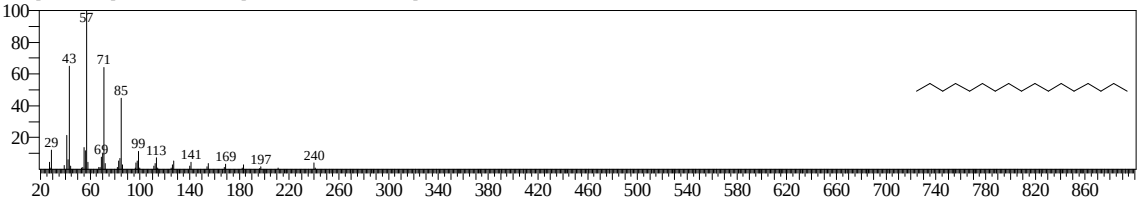
Hit#:1 Entry:303199 Library:Wiley9.lib
SI:88 Formula:C19H40 CAS:629-92-5 MolWeight:268 RetIndex:0
CompName:Nonadecane (CAS) $$ n-Nonadecane $$ AI3-36122 $$ EINECS 211-116-8 $$ NSC 77136



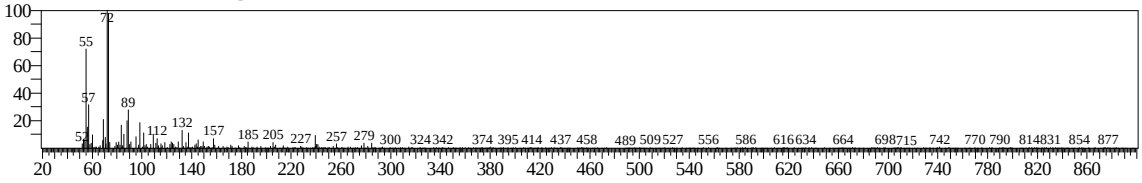
<< Target >>
Line#:45 R.Time:25.758(Scan#:2732) MassPeaks:451
RawMode:Averaged 25.750-25.767(2731-2733) BasePeak:57.20(17946)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



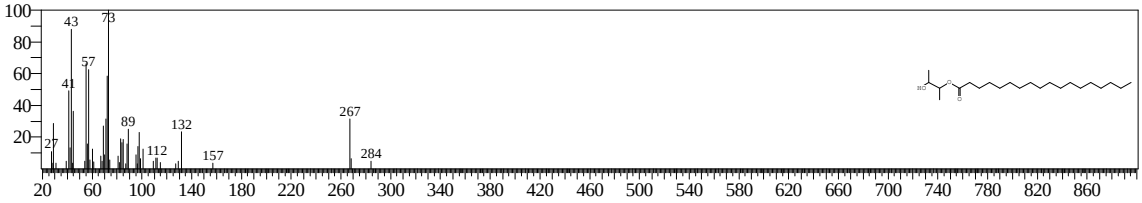
Hit#:1 Entry:62546 Library:NIST147.LIB
SI:94 Formula:C17H36 CAS:629-78-7 MolWeight:240 RetIndex:0
CompName:Heptadecane $$ n-Heptadecane $$ Normal-heptadecane $$



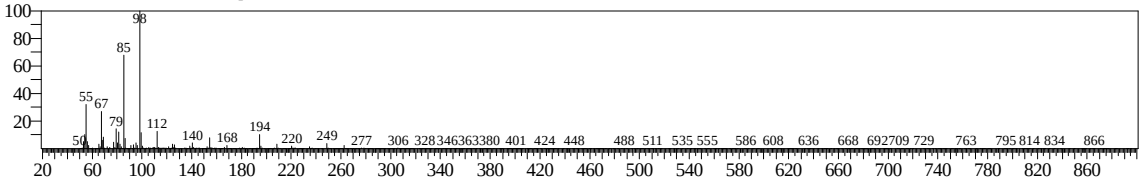
<< Target >>
Line#:46 R.Time:25.833(Scan#:2741) MassPeaks:456
RawMode:Averaged 25.825-25.842(2740-2742) BasePeak:72.20(4953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



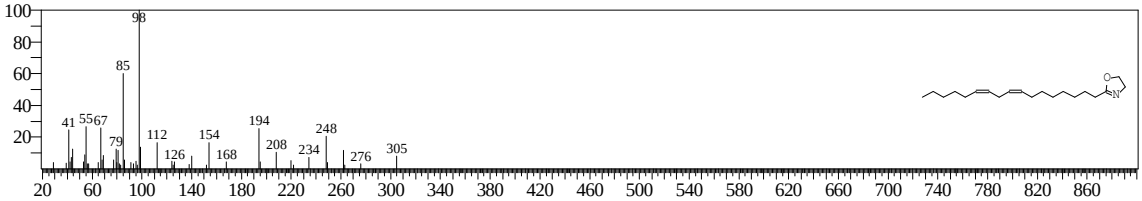
Hit#:1 Entry:117876 Library:NIST147.LIB
SI:78 Formula:C22H44O3 CAS:14251-39-9 MolWeight:356 RetIndex:0
CompName:Stearic acid, 2-hydroxy-1-methylpropyl ester $$ 2-Hydroxy-1-methylpropyl stearate # $$



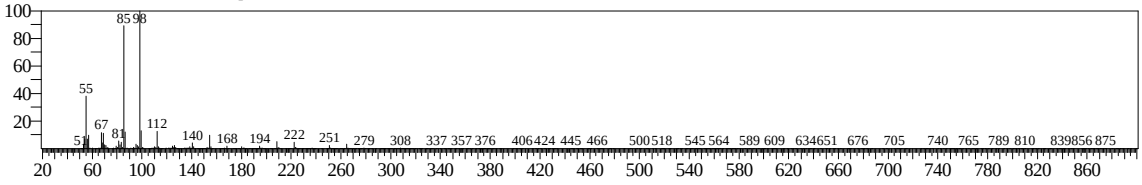
<< Target >>
Line#:47 R.Time:26.075(Scan#:2770) MassPeaks:497
RawMode:Averaged 26.067-26.083(2769-2771) BasePeak:98.25(39561)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



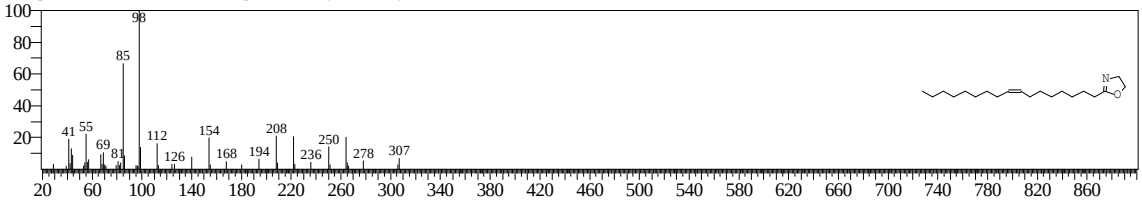
Hit#:1 Entry:182253 Library:NIST17.lib
SI:89 Formula:C20H35NO CAS:220556-75-2 MolWeight:305 RetIndex:2305
CompName:2-((8Z,11Z)-Heptadeca-8,11-dien-1-yl)-4,5-dihydrooxazole



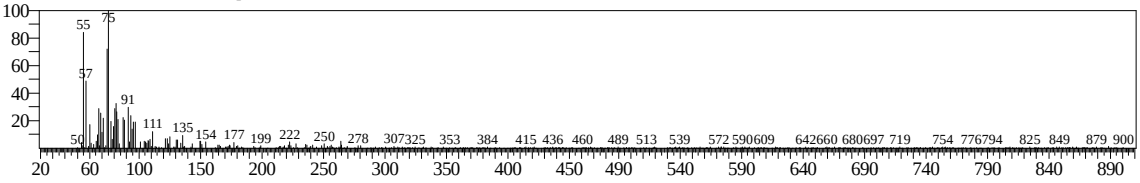
<< Target >>
Line#:48 R.Time:26.200(Scan#:2785) MassPeaks:452
RawMode:Averaged 26.192-26.208(2784-2786) BasePeak:98.25(78571)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



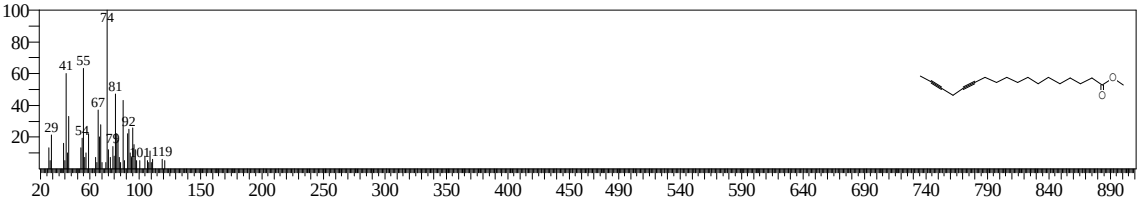
Hit#:1 Entry:184335 Library:NIST17.lib
SI:84 Formula:C20H37NO CAS:34900-26-0 MolWeight:307 RetIndex:2297
CompName:Oxazole, 2-(8Z)-8-heptadecen-1-yl-4,5-dihydro-



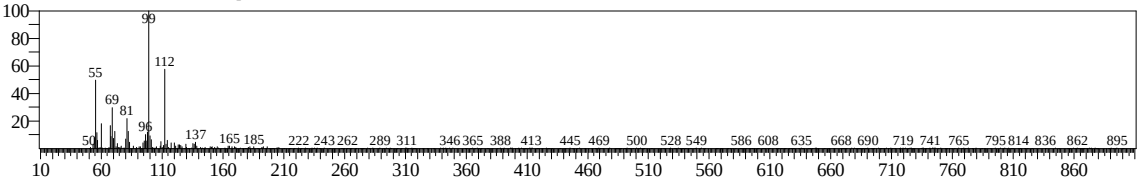
<< Target >>
Line#:49 R.Time:26.342(Scan#:2802) MassPeaks:514
RawMode:Averaged 26.333-26.350(2801-2803) BasePeak:75.20(2983)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



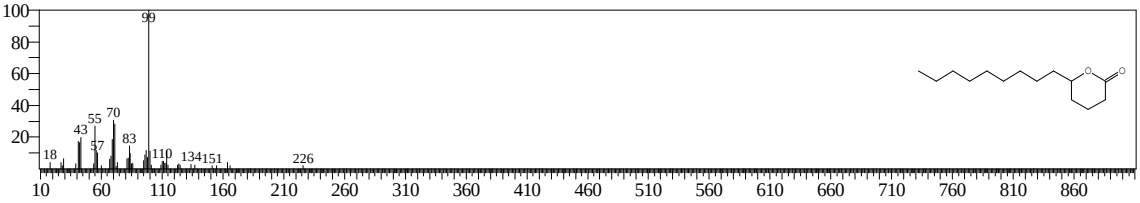
Hit#:1 Entry:352784 Library:Wiley9.lib
SI:72 Formula:C19H30O2 CAS:56846-98-1 MolWeight:290 RetIndex:0
CompName:13,16-Octadecadiynoic acid, methyl ester (CAS) $$ Methyl 13,16-octadecadiynoate $$ Methyl 13,16-octadecadiynoate (computer-generated name)



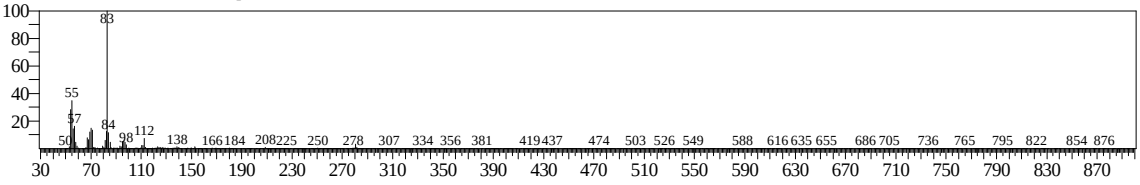
<< Target >>
Line#:50 R.Time:26.525(Scan#:2824) MassPeaks:415
RawMode:Averaged 26.517-26.533(2823-2825) BasePeak:99.25(6047)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



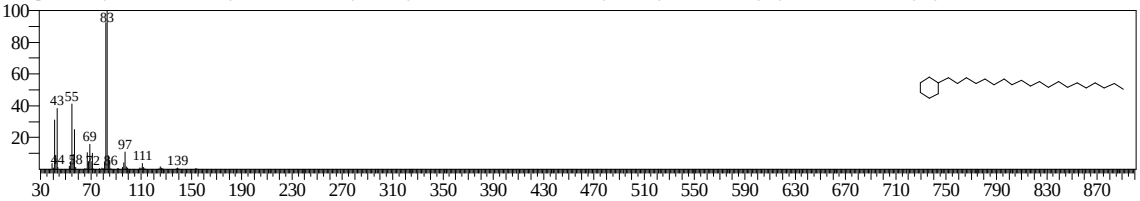
Hit#:1 Entry:54905 Library:NIST147.LIB
SI:78 Formula:C14H26O2 CAS:2721-22-4 MolWeight:226 RetIndex:0
CompName:2H-Pyran-2-one, tetrahydro-6-nonyl- $$ .delta.-Nonyl-.delta.-valeralactone $$ 6-Nonyltetrahydro-2H-pyran-2-one # $$



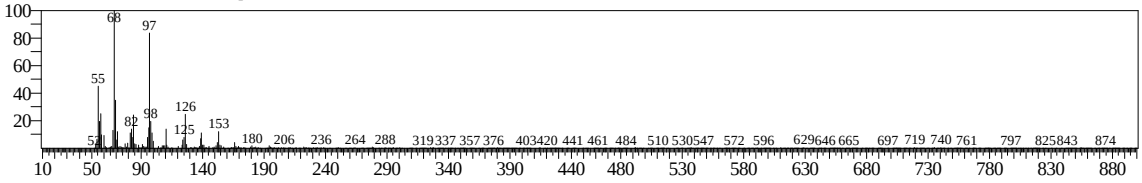
<< Target >>
Line#:51 R.Time:26.642(Scan#:2838) MassPeaks:545
RawMode:Averaged 26.633-26.650(2837-2839) BasePeak:83.20(52338)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



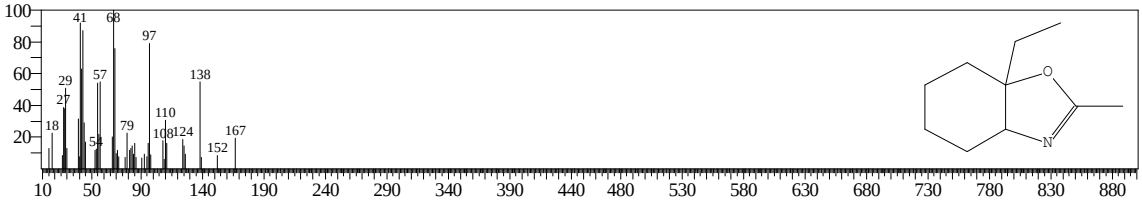
Hit#:1 Entry:495094 Library:Wiley9.lib
SI:85 Formula:C26H52 CAS:4443-55-4 MolWeight:364 RetIndex:0
CompName:Cyclohexane, eicosyl- (CAS) $$ 1-Cyclohexyleicosane $$ Eicosane, 1-cyclohexyl- $$ n-Eicosylcyclohexane $$ Icosylcyclohexane $$ ICOSYLCYC



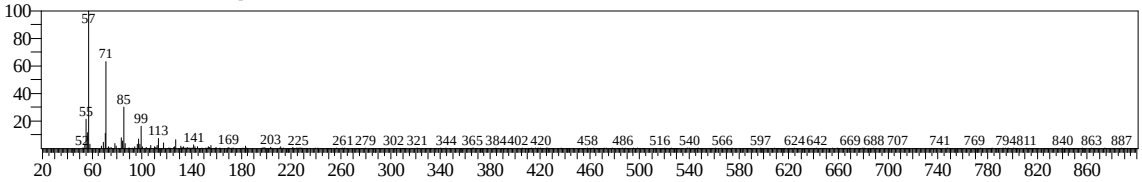
<< Target >>
Line#:52 R.Time:27.575(Scan#:2950) MassPeaks:518
RawMode:Averaged 27.567-27.583(2949-2951) BasePeak:68.20(12835)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



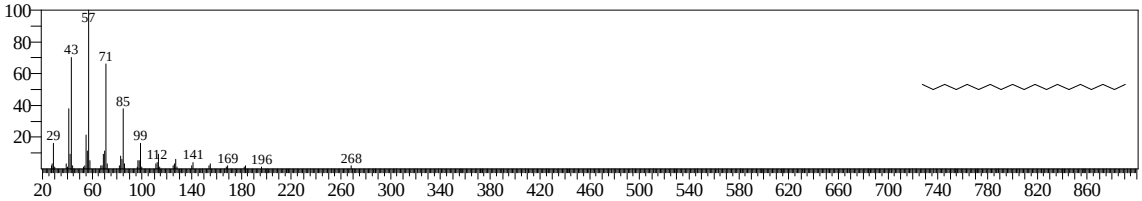
Hit#:1 Entry:40832 Library:NIST17.lib
SI:81 Formula:C10H17NO CAS:24337-58-4 MolWeight:167 RetIndex:1253
CompName:2-Methyl-4,5-tetramethylene-5-ethyl-2-oxazoline



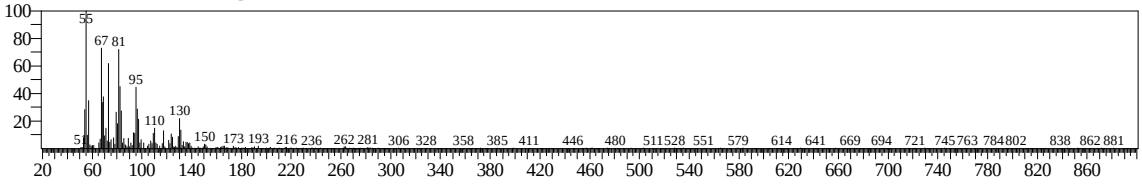
<< Target >>
Line#:53 R.Time:27.717(Scan#:2967) MassPeaks:435
RawMode:Averaged 27.708-27.725(2966-2968) BasePeak:57.20(8249)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



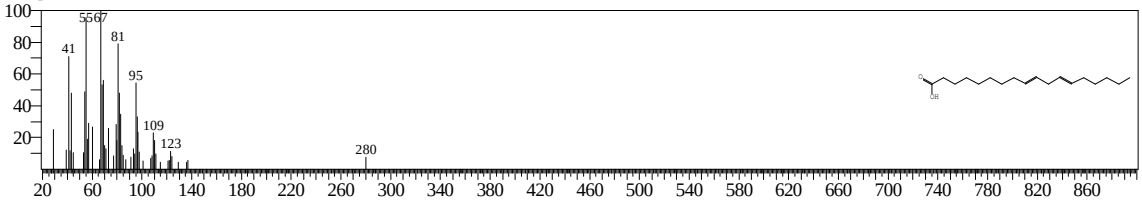
Hit#:1 Entry:199442 Library:WILEY8.LIB
SI:91 Formula:C19H40 CAS:629-92-5 MolWeight:268 RetIndex:0
CompName:NONADECANE $$ AI3-36122 $$ EINECS 211-116-8 $$ N-NONADECANE $$ NSC 77136



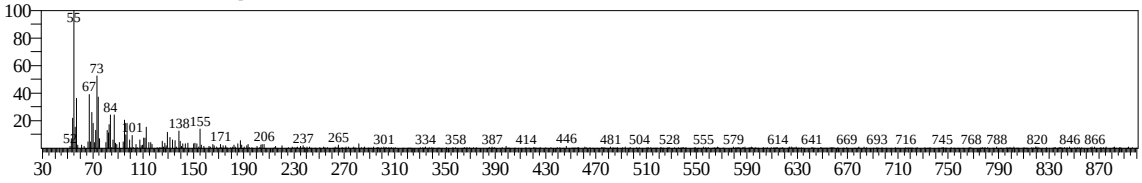
<< Target >>
Line#:54 R.Time:29.083(Scan#:3131) MassPeaks:338
RawMode:Averaged 29.075-29.092(3130-3132) BasePeak:55.15(8481)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



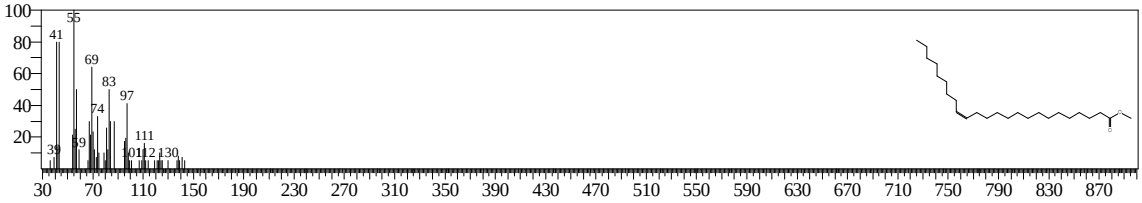
Hit#:1 Entry:22736 Library:NIST27.LIB
SI:86 Formula:C18H32O2 CAS:60-33-3 MolWeight:280 RetIndex:0
CompName:9,12-Octadecadienoic acid (Z,Z)-



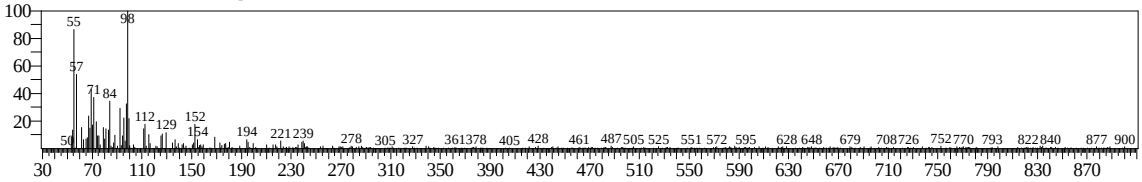
<< Target >>
Line#:55 R.Time:29.183(Scan#:3143) MassPeaks:414
RawMode:Averaged 29.175-29.192(3142-3144) BasePeak:55.15(3522)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



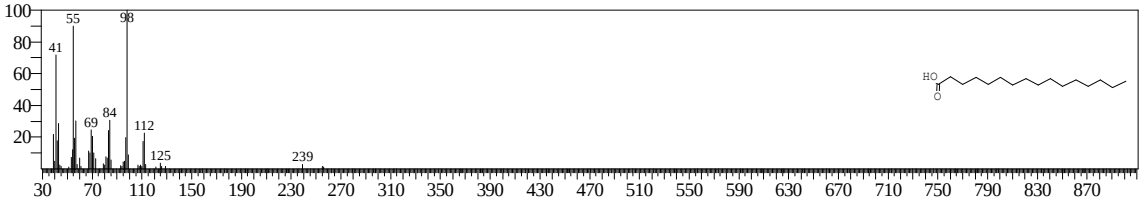
Hit#:1 Entry:26213 Library:NIST27.LIB
SI:78 Formula:C25H48O2 CAS:2733-88-2 MolWeight:380 RetIndex:0
CompName:15-Tetracosenoic acid, methyl ester, (Z)-



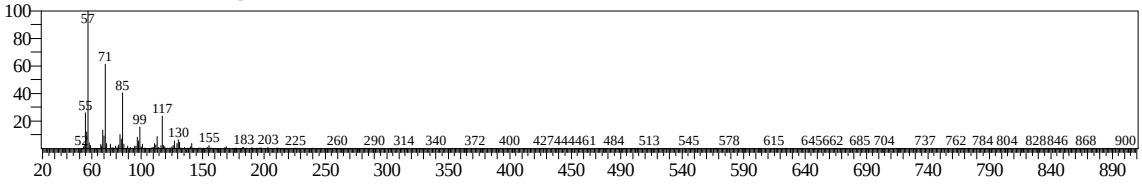
<< Target >>
Line#:56 R.Time:29.342(Scan#:3162) MassPeaks:422
RawMode:Averaged 29.333-29.350(3161-3163) BasePeak:98.30(1972)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



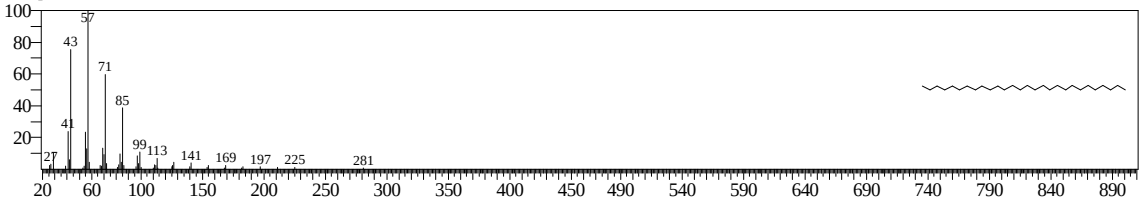
Hit#:1 Entry:183024 Library:WILEY8.LIB
SI:74 Formula:C16H32O2 CAS:57-10-3 MolWeight:256 RetIndex:0
CompName:HEXADECANOIC ACID $$ HEXADECANOATE $$ PALMITATE $$ PALMITIC ACID $$ 1-PENTADECANECARBOXYLIC ACID $$ AI3-015



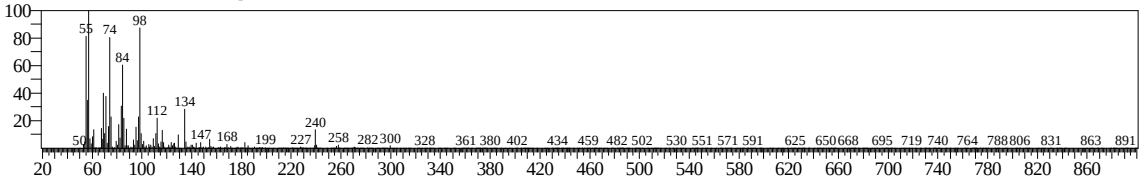
<< Target >>
Line#:57 R.Time:29.533(Scan#:3185) MassPeaks:481
RawMode:Averaged 29.525-29.542(3184-3186) BasePeak:57.20(55312)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



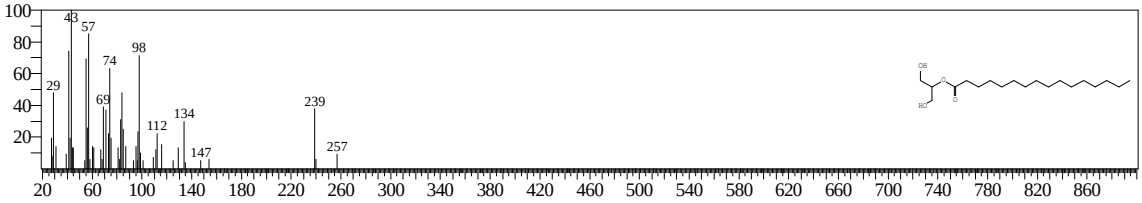
Hit#:1 Entry:331143 Library:WILEY8.LIB
SI:90 Formula:C28H58 CAS:630-02-4 MolWeight:394 RetIndex:0
CompName:OCTACOSANE $$ AI3-52615 $$ CCRIS 680 $$ EINECS 211-125-7 $$ N-OCTACOSANE $$ NSC 5549



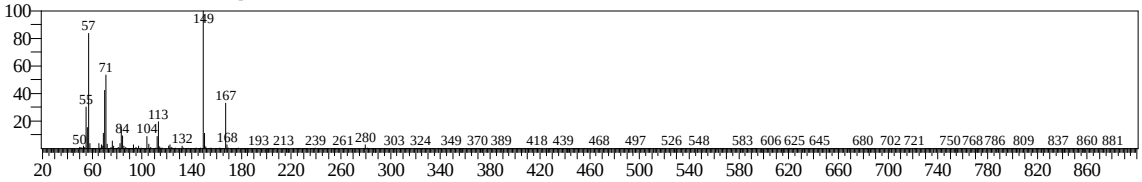
<< Target >>
Line#:58 R.Time:29.850(Scan#:3223) MassPeaks:456
RawMode:Averaged 29.842-29.858(3222-3224) BasePeak:57.20(28815)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



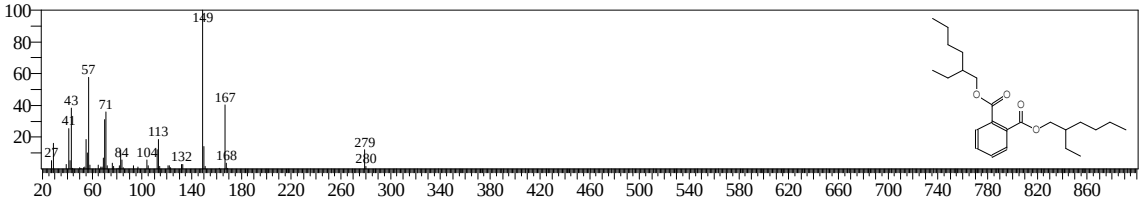
Hit#:1 Entry:107789 Library:NIST147.LIB
SI:92 Formula:C19H38O4 CAS:23470-00-0 MolWeight:330 RetIndex:0
CompName:Hexadecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester $$ Palmitin, 2-mono- $$ Palmitic acid .beta.-monoglyceride $$ 2-Hexadecanoyl glycerc



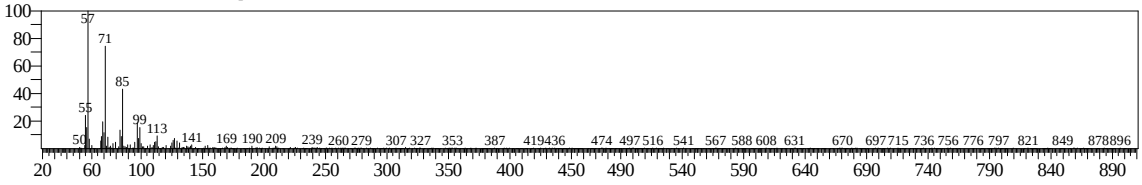
<< Target >>
Line#:59 R.Time:30.108(Scan#:3254) MassPeaks:441
RawMode:Averaged 30.100-30.117(3253-3255) BasePeak:149.35(51004)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



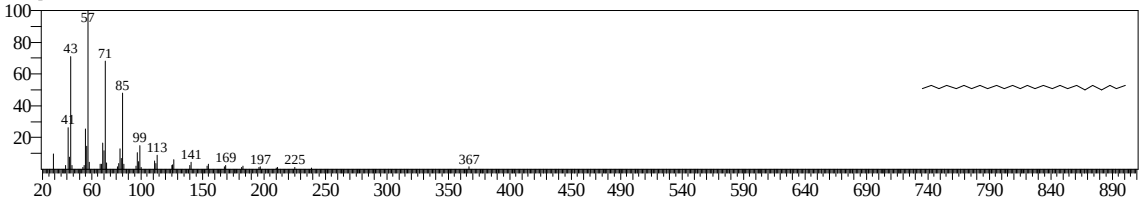
Hit#:1 Entry:259668 Library:NIST17.lib
SI:92 Formula:C24H38O4 CAS:117-81-7 MolWeight:390 RetIndex:2704
CompName:Bis(2-ethylhexyl) phthalate



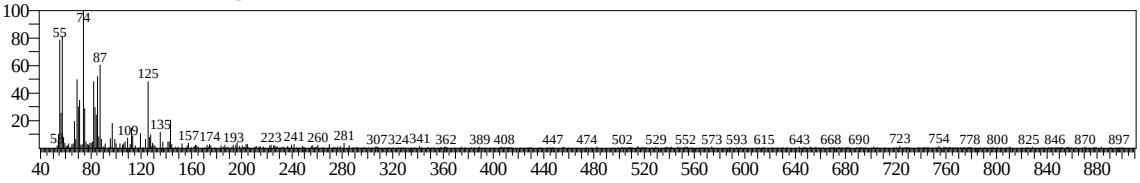
<< Target >>
Line#:60 R.Time:31.250(Scan#:3391) MassPeaks:507
RawMode:Averaged 31.242-31.258(3390-3392) BasePeak:57.20(7900)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



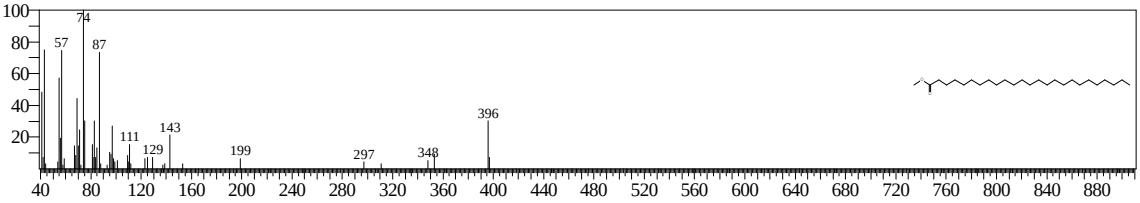
Hit#:1 Entry:242255 Library:NIST17.lib
SI:88 Formula:C26H54 CAS:630-01-3 MolWeight:366 RetIndex:2606
CompName:Hexacosane



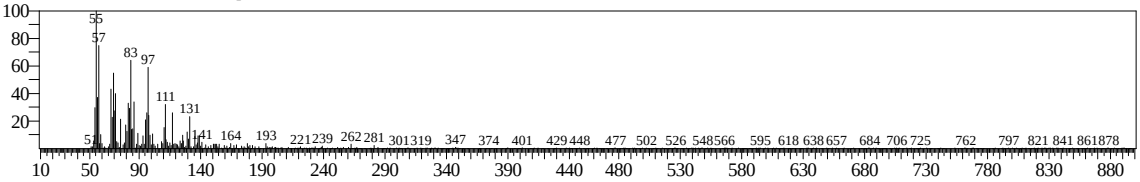
<< Target >>
Line#:61 R.Time:31.750(Scan#:3451) MassPeaks:445
RawMode:Averaged 31.742-31.758(3450-3452) BasePeak:74.20(2908)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



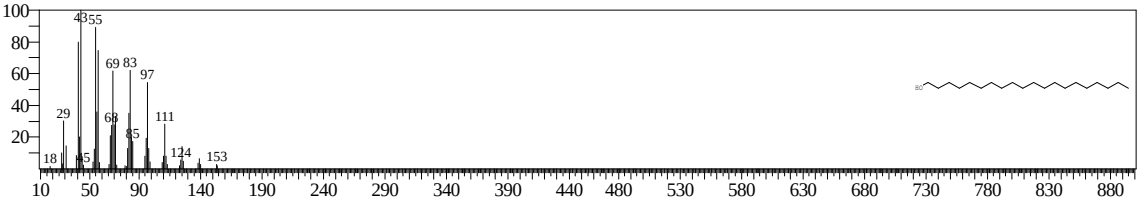
Hit#:1 Entry:26538 Library:NIST27.LIB
SI:78 Formula:C26H52O2 CAS:55373-89-2 MolWeight:396 RetIndex:0
CompName:Pentacosanoic acid, methyl ester



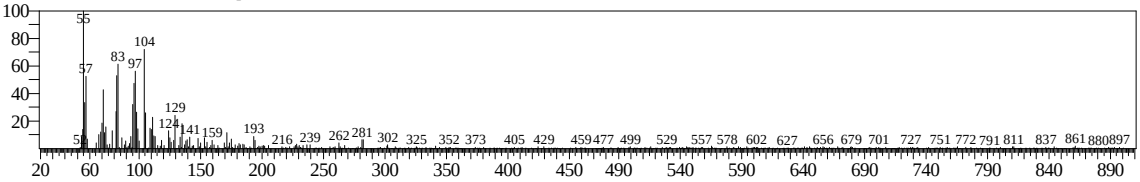
<< Target >>
Line#:62 R.Time:32.467(Scan#:3537) MassPeaks:478
RawMode:Averaged 32.458-32.475(3536-3538) BasePeak:55.15(5621)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



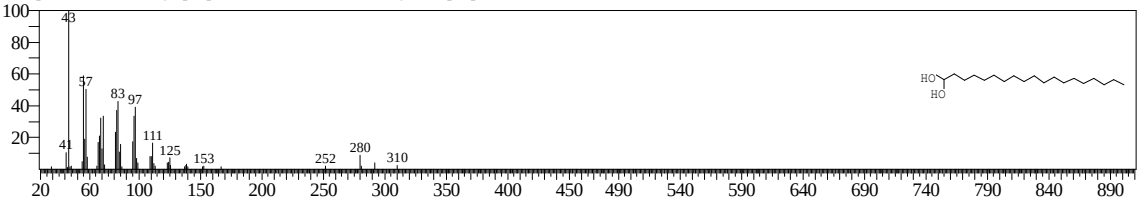
Hit#:1 Entry:23678 Library:NIST27.LIB
SI:83 Formula:C20H42O CAS:629-96-9 MolWeight:298 RetIndex:0
CompName:1-Eicosanol



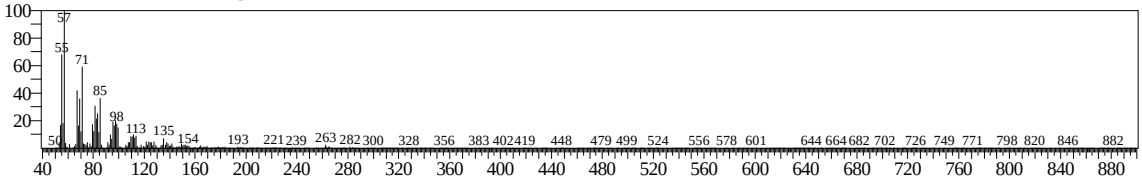
<< Target >>
Line#:63 R.Time:32.592(Scan#:3552) MassPeaks:441
RawMode:Averaged 32.583-32.600(3551-3553) BasePeak:55.15(2090)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



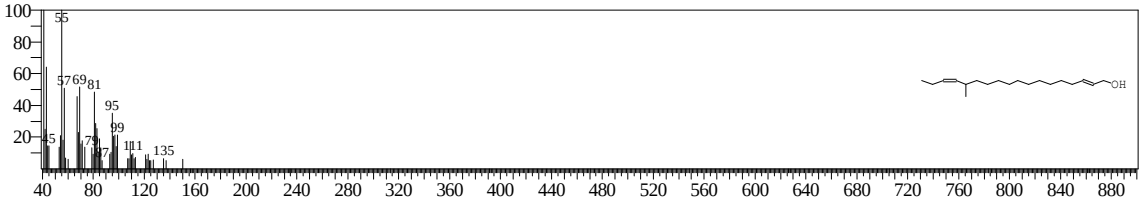
Hit#:1 Entry:433005 Library:Wiley9.lib
SI:73 Formula:C21H44O2 CAS:5337-61-1 MolWeight:328 RetIndex:0
CompName:2-Octadecyl-propane-1,3-diol $$ 2-Octadecyl-1,3-propanediol $$ 2-OCTADECYL-1,3-PROPANEDIOL # $$ NSC 809



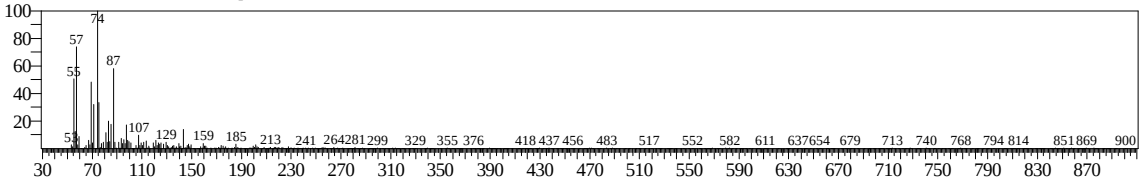
<< Target >>
Line#:64 R.Time:32.867(Scan#:3585) MassPeaks:497
RawMode:Averaged 32.858-32.875(3584-3586) BasePeak:57.20(31253)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



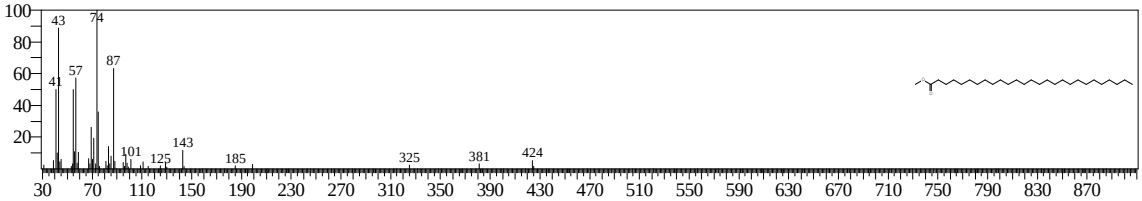
Hit#:1 Entry:154857 Library:NIST17.lib
SI:87 Formula:C19H36O CAS:0-00-0 MolWeight:280 RetIndex:2104
CompName:12-Methyl-E,E-2,13-octadecadien-1-ol



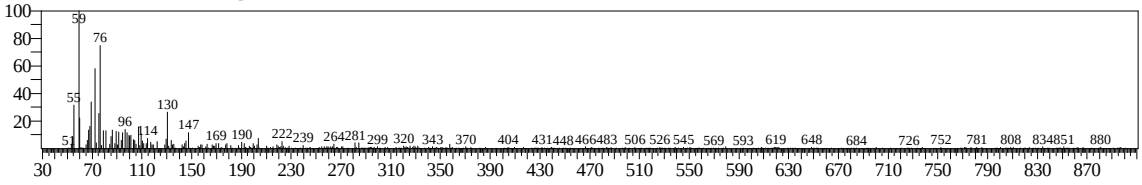
<< Target >>
Line#:65 R.Time:33.358(Scan#:3644) MassPeaks:470
RawMode:Averaged 33.350-33.367(3643-3645) BasePeak:74.20(10881)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



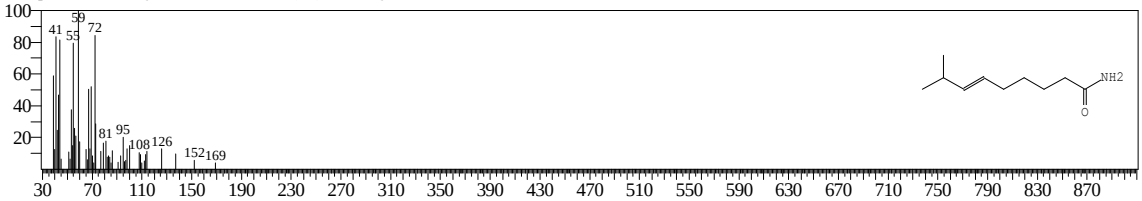
Hit#:1 Entry:26908 Library:NIST27.LIB
SI:86 Formula:C28H56O2 CAS:55682-91-2 MolWeight:424 RetIndex:0
CompName:Heptacosanoic acid, methyl ester



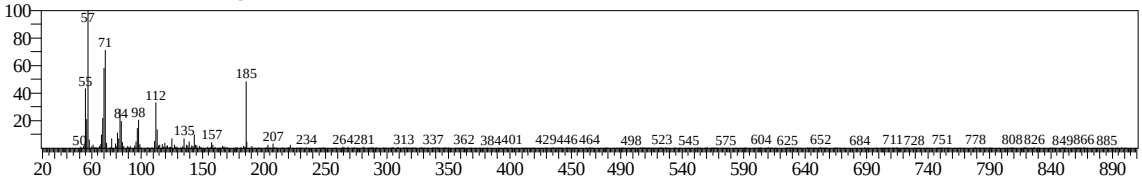
<< Target >>
Line#:66 R.Time:34.217(Scan#:3747) MassPeaks:428
RawMode:Averaged 34.208-34.225(3746-3748) BasePeak:59.15(2511)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



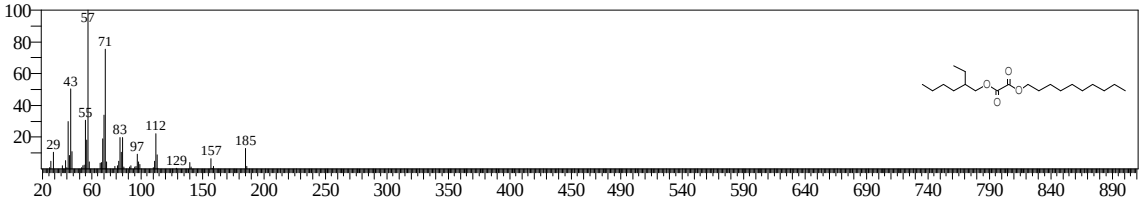
Hit#:1 Entry:23837 Library:NIST147.LIB
SI:61 Formula:C10H19NO CAS:0-00-0 MolWeight:169 RetIndex:0
CompName:8-Methyl-6-nonenamide $$ (6E)-8-Methyl-6-nonenamide # $$



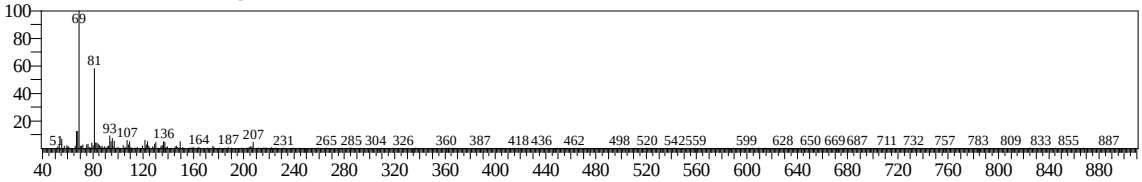
<< Target >>
Line#:67 R.Time:34.375(Scan#:3766) MassPeaks:425
RawMode:Averaged 34.367-34.383(3765-3767) BasePeak:57.20(8629)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



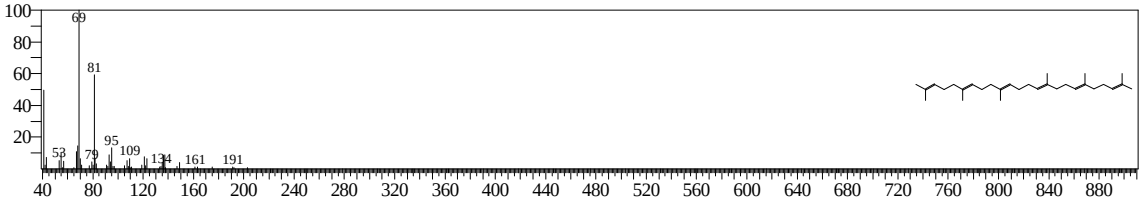
Hit#:1 Entry:221211 Library:NIST17.lib
SI:84 Formula:C20H38O4 CAS:0-00-0 MolWeight:342 RetIndex:2280
CompName:Oxalic acid, decyl 2-ethylhexyl ester



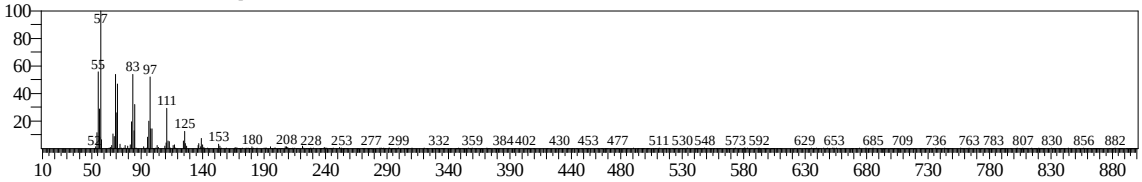
<< Target >>
Line#:68 R.Time:34.608(Scan#:3794) MassPeaks:517
RawMode:Averaged 34.600-34.617(3793-3795) BasePeak:69.20(10757)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



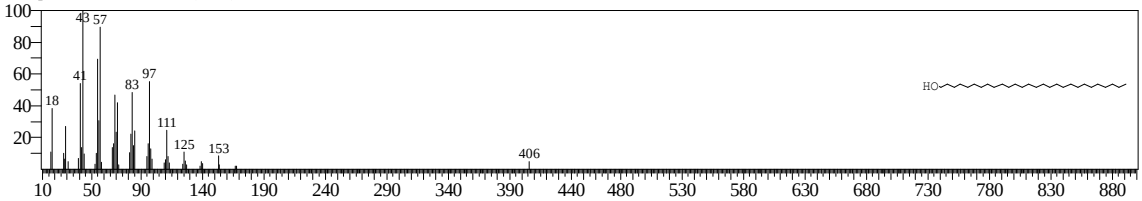
Hit#:1 Entry:26737 Library:NIST27.LIB
SI:87 Formula:C30H50 CAS:7683-64-9 MolWeight:410 RetIndex:0
CompName:Squalene



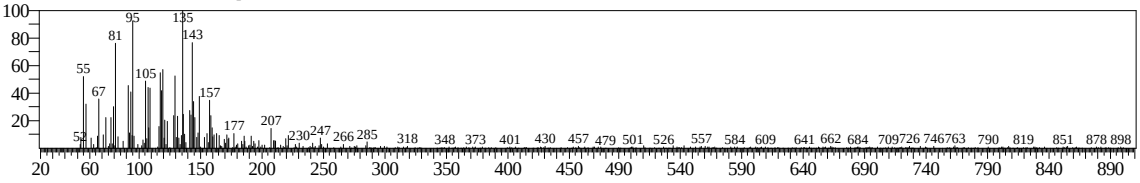
<< Target >>
Line#:69 R.Time:35.517(Scan#:3903) MassPeaks:391
RawMode:Averaged 35.508-35.525(3902-3904) BasePeak:57.20(9060)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



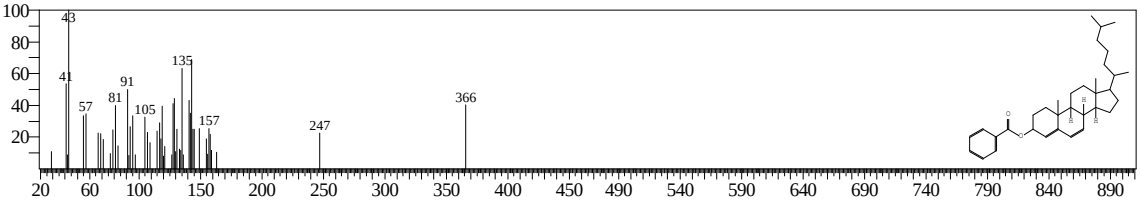
Hit#:1 Entry:568157 Library:Wiley9.lib
SI:93 Formula:C29H60O CAS:25154-56-7 MolWeight:424 RetIndex:0
CompName:Nonacosanol (CAS) $$ 1 - nonacosanol $$ nonacosan - 1 - ol



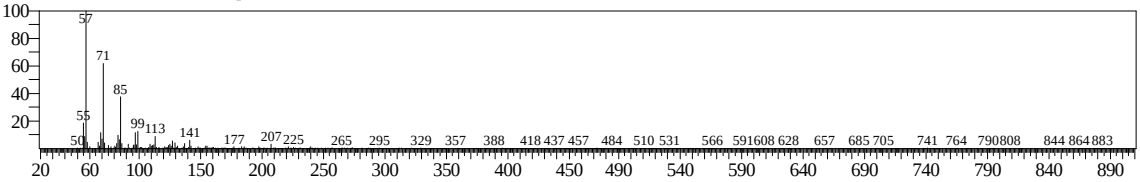
<< Target >>
Line#:70 R.Time:35.642(Scan#:3918) MassPeaks:388
RawMode:Averaged 35.633-35.650(3917-3919) BasePeak:135.40(1956)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



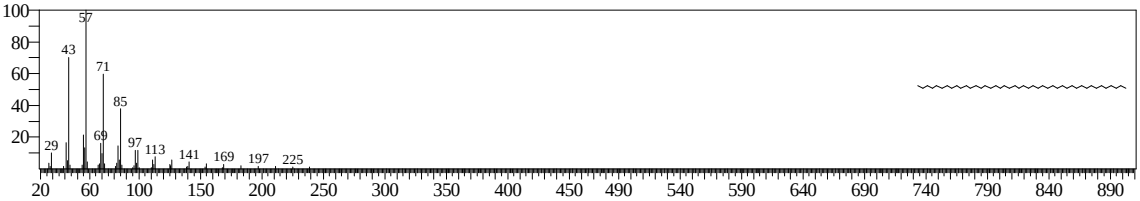
Hit#:1 Entry:612753 Library:Wiley9.lib
SI:79 Formula:C34H48O2 CAS:25485-34-1 MolWeight:488 RetIndex:0
CompName:Cholesta-4,6-dien-3-ol, benzoate, (3.beta.)- (CAS) $$ 4,6-Cholestadien-3.beta.-ol, benzoate $$ 4,6-CHOLESTADIEN-3BETA-OL, BENZOATE $$



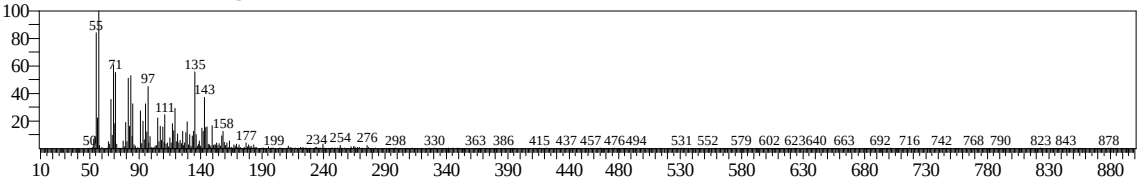
<< Target >>
Line#:71 R.Time:35.942(Scan#:3954) MassPeaks:452
RawMode:Averaged 35.933-35.950(3953-3955) BasePeak:57.20(13367)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



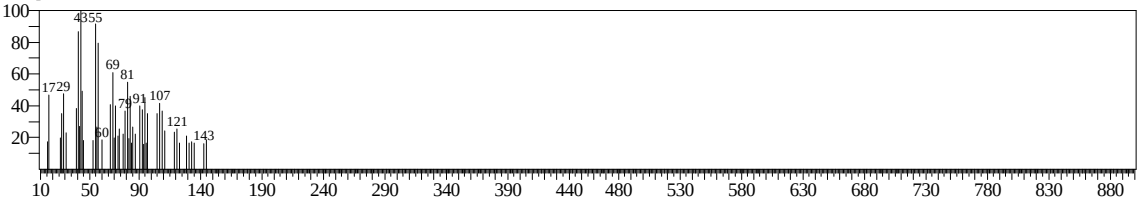
Hit#:1 Entry:303840 Library:NIST17.lib
SI:91 Formula:C44H90 CAS:7098-22-8 MolWeight:618 RetIndex:4395
CompName:Tetratetracontane



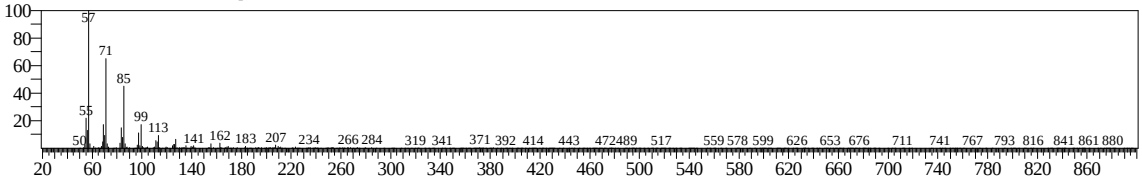
<< Target >>
Line#:72 R.Time:39.175(Scan#:4342) MassPeaks:503
RawMode:Averaged 39.167-39.183(4341-4343) BasePeak:57.20(11850)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



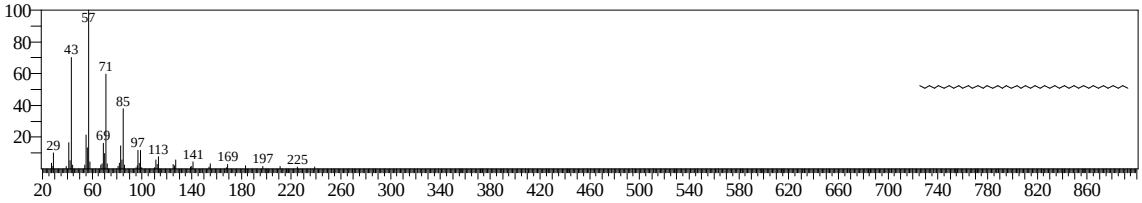
Hit#:1 Entry:354997 Library:WILEY8.LIB
SI:79 Formula:C26H44O5 CAS:0-00-0 MolWeight:436 RetIndex:0
CompName:ETHYL ISO-ALLOCHOLATE



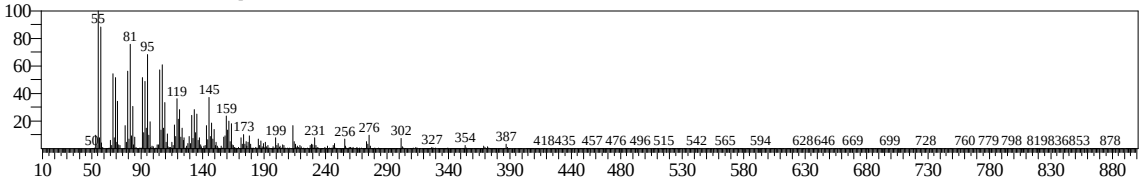
<< Target >>
Line#:73 R.Time:39.733(Scan#:4409) MassPeaks:392
RawMode:Averaged 39.725-39.742(4408-4410) BasePeak:57.20(16390)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



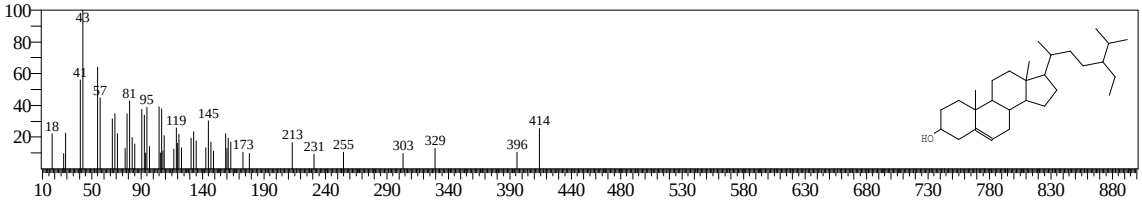
Hit#:1 Entry:303840 Library:NIST17.lib
SI:94 Formula:C44H90 CAS:7098-22-8 MolWeight:618 RetIndex:4395
CompName:Tetratetracontane



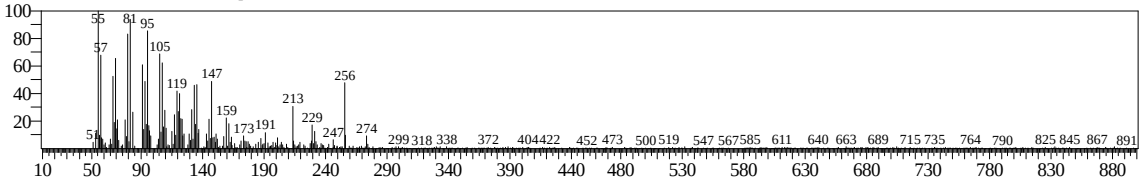
<< Target >>
Line#:74 R.Time:40.325(Scan#:4480) MassPeaks:590
RawMode:Averaged 40.317-40.333(4479-4481) BasePeak:55.15(38565)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



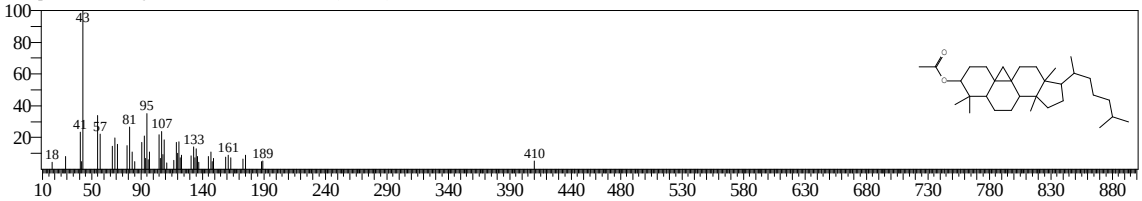
Hit#:1 Entry:26810 Library:NIST27.LIB
SI:89 Formula:C29H50O CAS:83-46-5 MolWeight:414 RetIndex:0
CompName:.beta.-Sitosterol



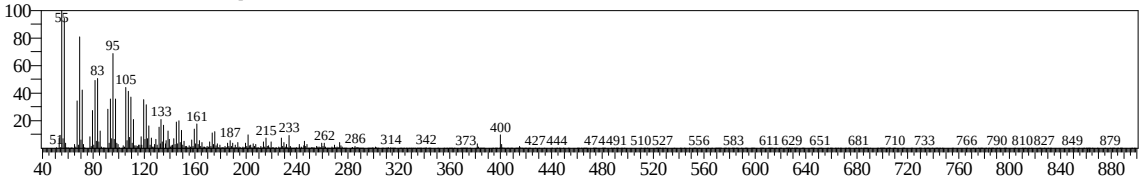
<< Target >>
Line#:75 R.Time:41.708(Scan#:4646) MassPeaks:541
RawMode:Averaged 41.700-41.717(4645-4647) BasePeak:55.15(2887)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



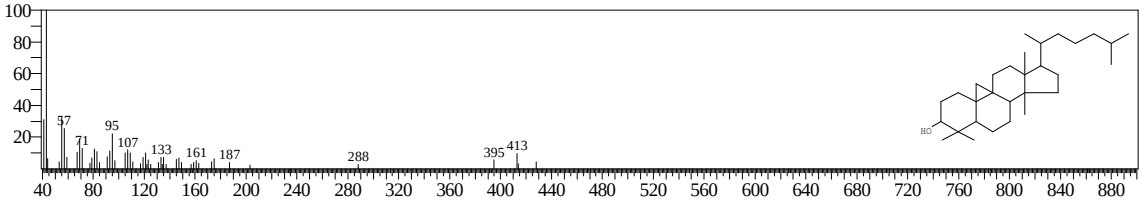
Hit#:1 Entry:27271 Library:NIST27.LIB
SI:82 Formula:C32H54O2 CAS:4575-74-0 MolWeight:470 RetIndex:0
CompName:9,19-Cyclolanostan-3-ol, acetate, (3.beta.)-



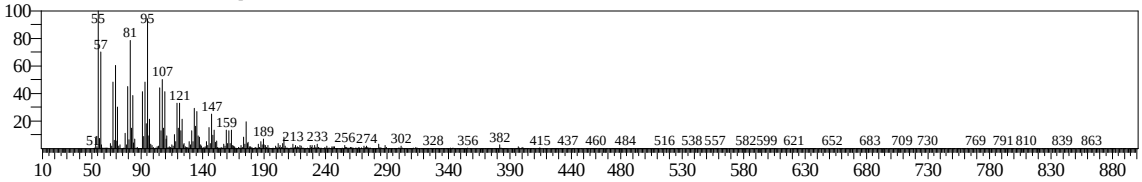
<< Target >>
Line#:76 R.Time:42.142(Scan#:4698) MassPeaks:476
RawMode:Averaged 42.133-42.150(4697-4699) BasePeak:55.15(38308)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



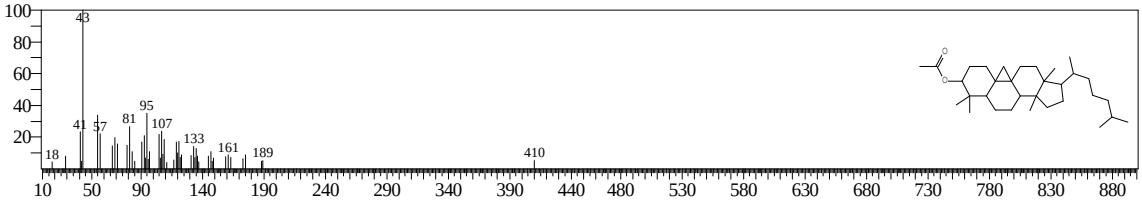
Hit#:1 Entry:278336 Library:NIST17.lib
SI:84 Formula:C30H52O CAS:4657-58-3 MolWeight:428 RetIndex:2767
CompName:Cycloartanol



<< Target >>
Line#:77 R.Time:43.767(Scan#:4893) MassPeaks:625
RawMode:Averaged 43.758-43.775(4892-4894) BasePeak:55.15(32288)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:1 Entry:290863 Library:NIST17.lib
SI:91 Formula:C32H54O2 CAS:4575-74-0 MolWeight:470 RetIndex:2907
CompName:9,19-Cyclolanostan-3-ol, acetate, (3.beta.)-



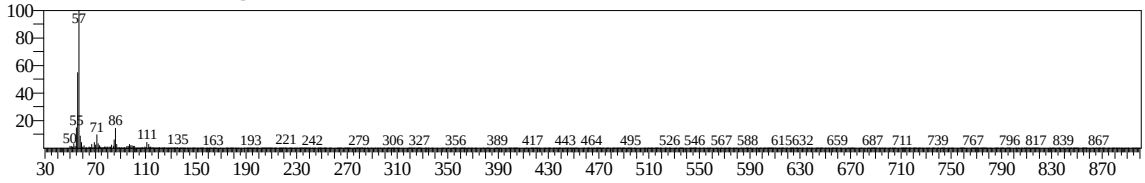
Library

<< Target >>

Line#:1 R.Time:3.042(Scan#:6) MassPeaks:454

RawMode:Averaged 3.033-3.050(5-7) BasePeak:57.10(40130)

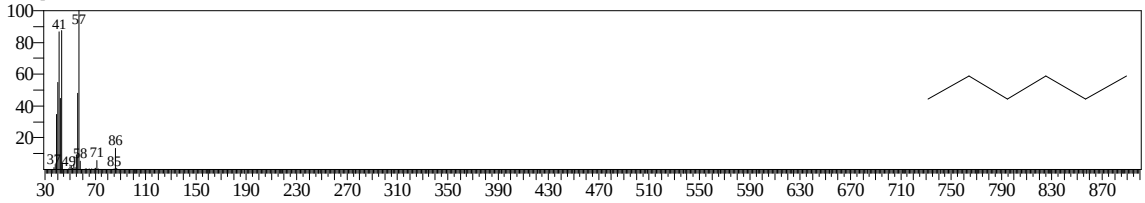
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:1 Entry:3799 Library:WILEY8.LIB

SI:89 Formula:C6H14 CAS:110-54-3 MolWeight:86 RetIndex:0

CompName:HEXANE $$ AI3-24253 $$ CCRIS 6247 $$ DIPROPYL $$ EINECS 203-777-6 $$ ESANI $$ ESANI [ITALIAN] $$ EXXSOL HEXANE $$ GETT

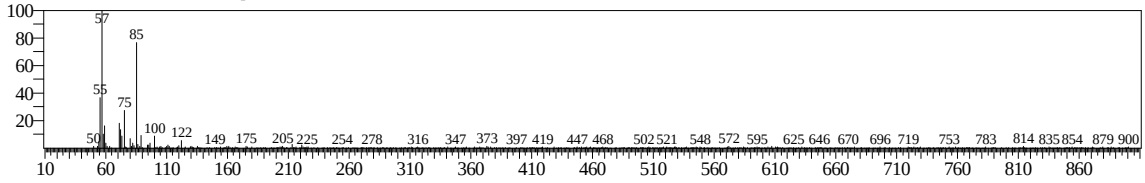


<< Target >>

Line#:2 R.Time:3.283(Scan#:35) MassPeaks:526

RawMode:Averaged 3.275-3.292(34-36) BasePeak:57.10(3669)

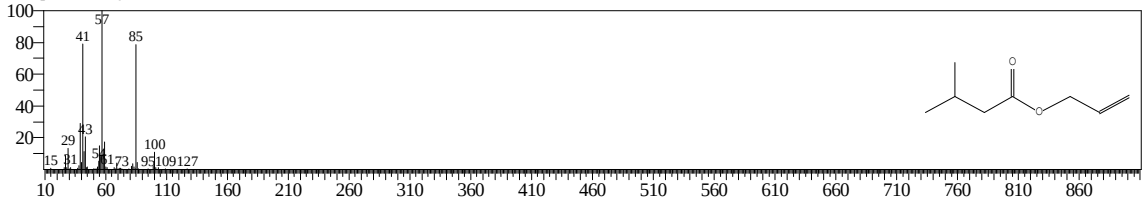
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:1 Entry:21871 Library:NIST17.lib

SI:78 Formula:C8H14O2 CAS:2835-39-4 MolWeight:142 RetIndex:910

CompName:Allyl isovalerate

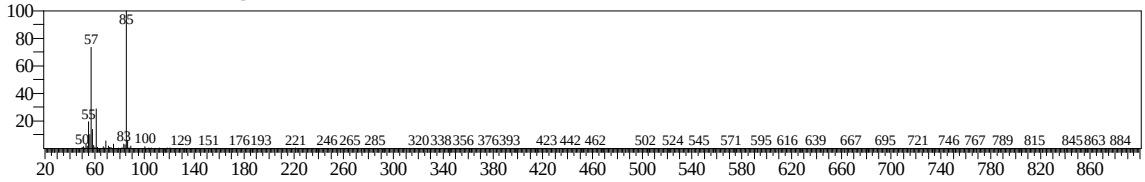


<< Target >>

Line#:3 R.Time:3.383(Scan#:47) MassPeaks:486

RawMode:Averaged 3.375-3.392(46-48) BasePeak:85.20(37503)

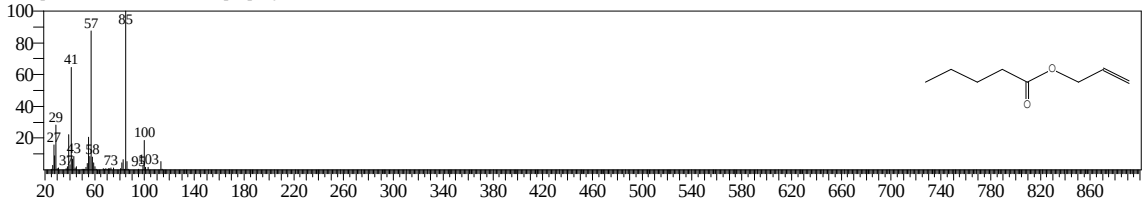
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



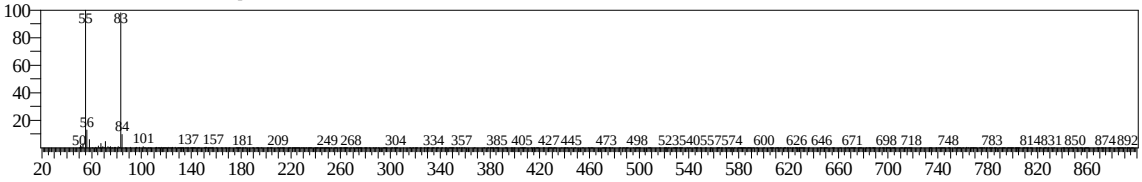
Hit#:1 Entry:22040 Library:NIST17.lib

SI:89 Formula:C8H14O2 CAS:6321-45-5 MolWeight:142 RetIndex:974

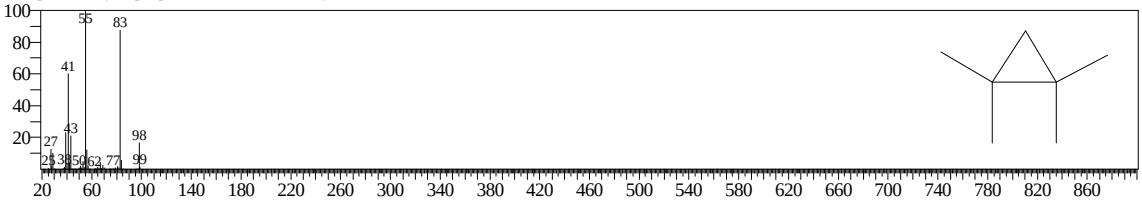
CompName:Pentanoic acid, 2-propenyl ester



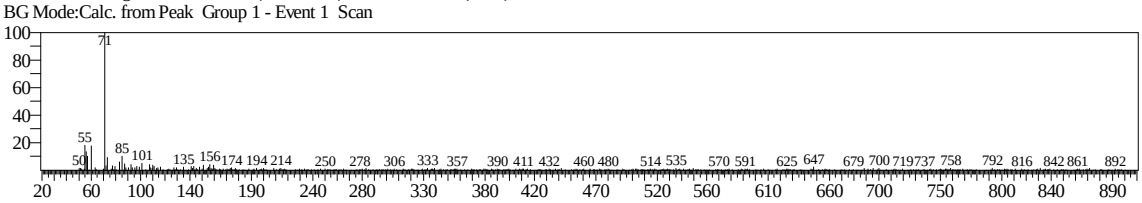
<< Target >>
Line#:4 R.Time:3.608(Scan#:74) MassPeaks:412
RawMode:Averaged 3.600-3.617(73-75) BasePeak:55.10(17267)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



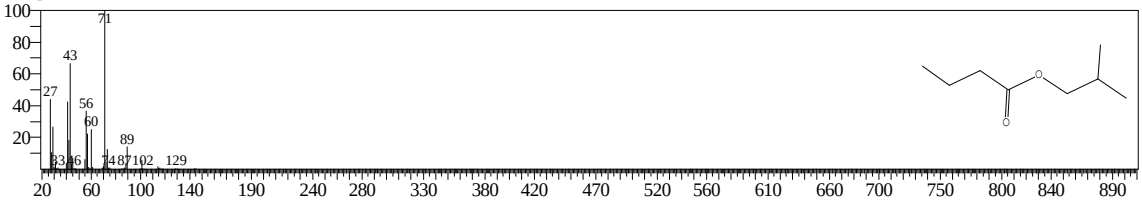
Hit#:1 Entry:1627 Library:NIST27.LIB
SI:93 Formula:C7H14 CAS:4127-47-3 MolWeight:98 RetIndex:0
CompName:Cyclopropane, 1,1,2,2-tetramethyl-



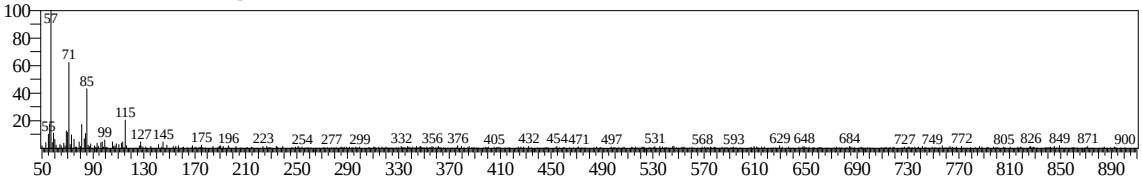
<< Target >>
Line#:5 R.Time:12.675(Scan#:1162) MassPeaks:498
RawMode:Averaged 12.667-12.683(1161-1163) BasePeak:71.20(2860)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



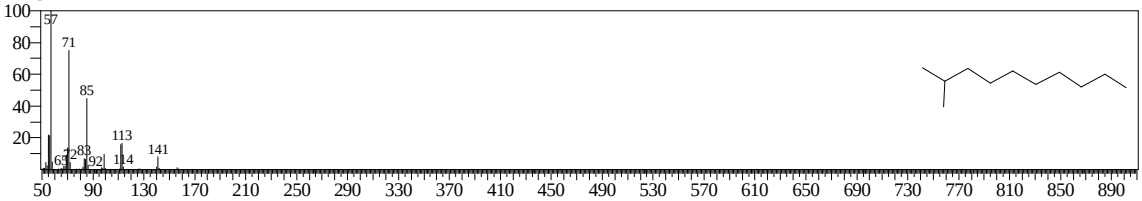
Hit#:1 Entry:35585 Library:WILEY8.LIB
SI:73 Formula:C8H16O2 CAS:539-90-2 MolWeight:144 RetIndex:0
CompName:BUTANOIC ACID, 2-METHYLPROPYL ESTER $$ 2-METHYLPROPYL BUTANOATE $$ ISOBUTYL BUTANOATE $$ 2-METHYL-1-PROPY



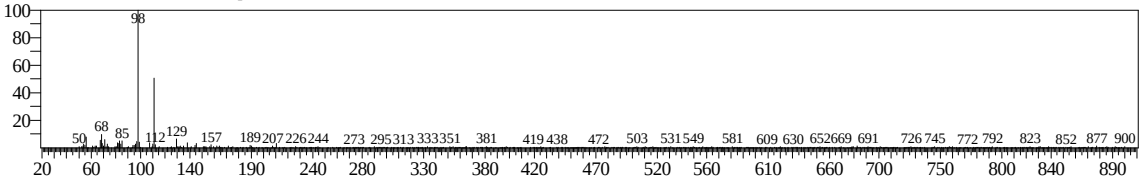
<< Target >>
Line#:6 R.Time:12.825(Scan#:1180) MassPeaks:467
RawMode:Averaged 12.817-12.833(1179-1181) BasePeak:57.20(2585)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



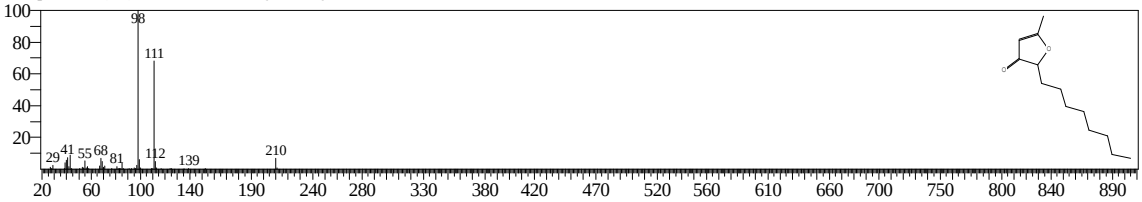
Hit#:1 Entry:49771 Library:WILEY8.LIB
SI:81 Formula:C11H24 CAS:6975-98-0 MolWeight:156 RetIndex:0
CompName:DECANE, 2-METHYL- $$ 2-METHYLDECANE $$ 2-METHYL-DECANE $$ DECANE, 2-METHYL- (8CI)(9CI) $$ EINECS 230-236-1 $$ N-C



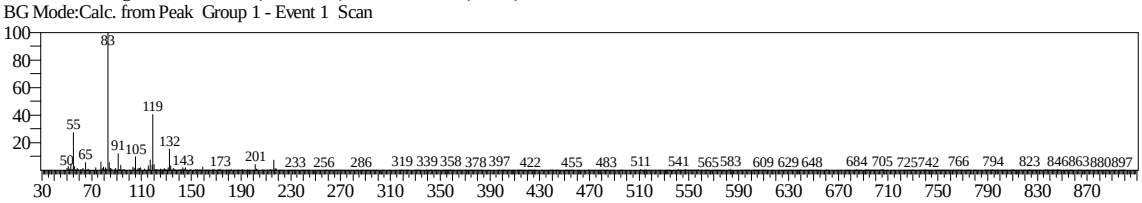
<< Target >>
Line#:7 R.Time:13.608(Scan#:1274) MassPeaks:557
RawMode:Averaged 13.600-13.617(1273-1275) BasePeak:98.20(4099)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



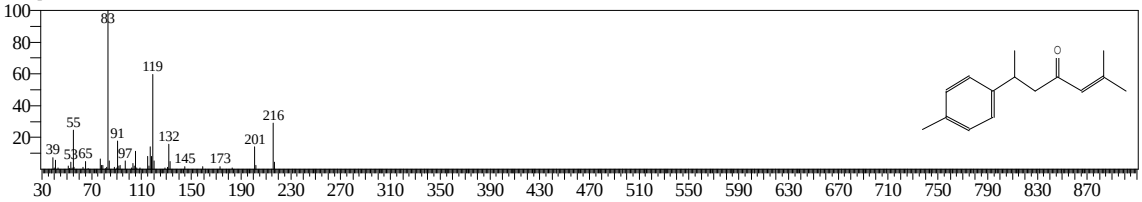
Hit#:1 Entry:81475 Library:NIST17.lib
SI:82 Formula:C13H22O2 CAS:57877-72-2 MolWeight:210 RetIndex:1588
CompName:3(2H)-Furanone, 5-methyl-2-octyl-



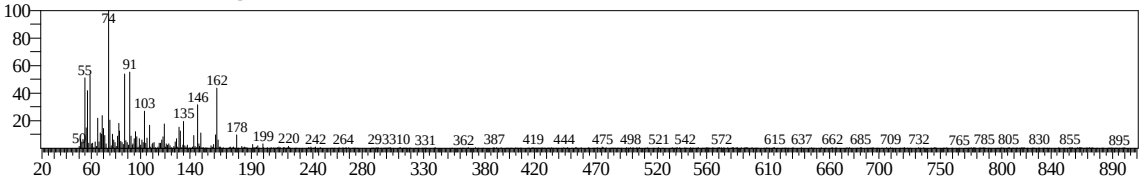
<< Target >>
Line#:8 R.Time:13.783(Scan#:1295) MassPeaks:556
RawMode:Averaged 13.775-13.792(1294-1296) BasePeak:83.20(13752)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



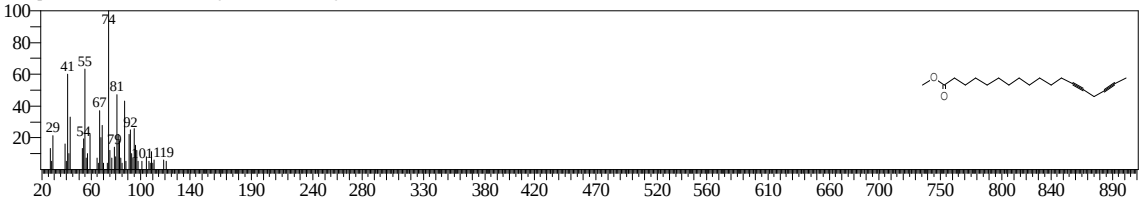
Hit#:1 Entry:87528 Library:NIST17.lib
SI:88 Formula:C15H20O CAS:532-65-0 MolWeight:216 RetIndex:1660
CompName:aR-Turmerone



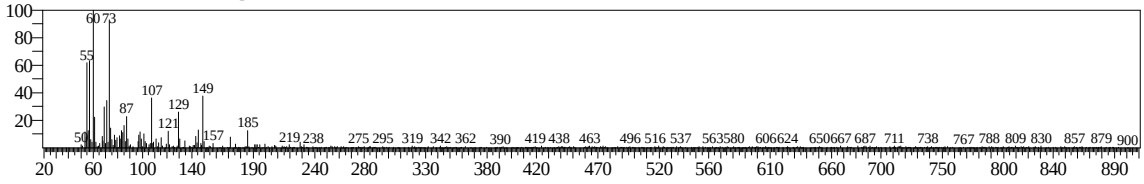
<< Target >>
Line#:9 R.Time:14.333(Scan#:1361) MassPeaks:440
RawMode:Averaged 14.325-14.342(1360-1362) BasePeak:74.15(4798)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



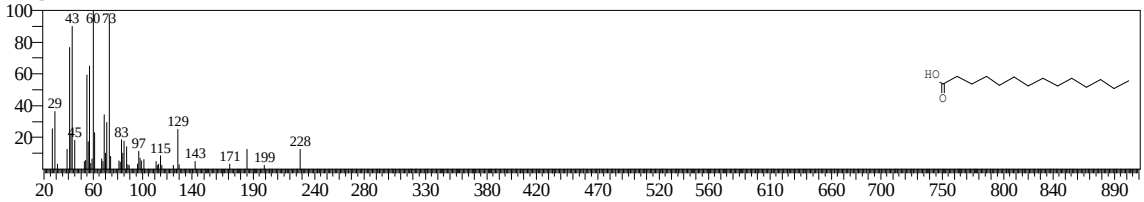
Hit#:1 Entry:165940 Library:NIST17.lib
SI:68 Formula:C19H30O2 CAS:56846-98-1 MolWeight:290 RetIndex:2112
CompName:13,16-Octadecadiynoic acid, methyl ester



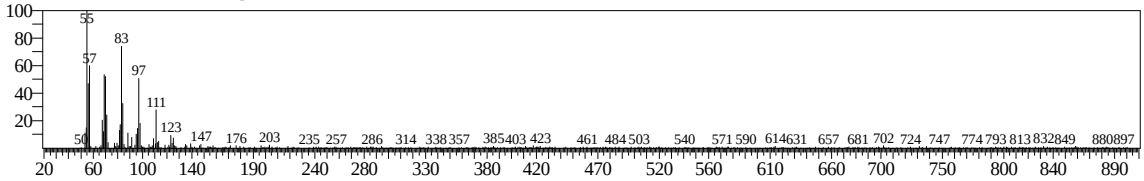
<< Target >>
Line#:10 R.Time:14.967(Scan#:1437) MassPeaks:512
RawMode:Averaged 14.958-14.975(1436-1438) BasePeak:60.15(2780)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



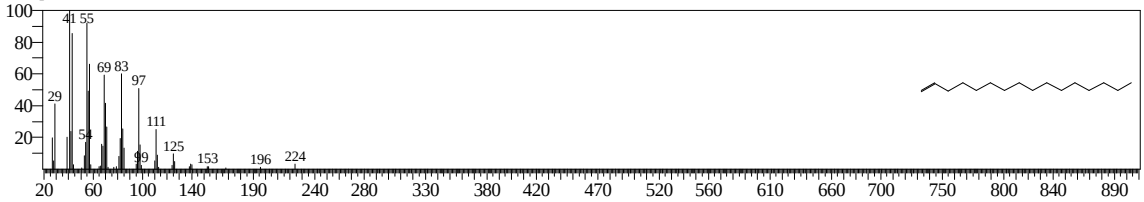
Hit#:1 Entry:144703 Library:WILEY8.LIB
SI:84 Formula:C14H28O2 CAS:544-63-8 MolWeight:228 RetIndex:0
CompName:TETRADECANOIC ACID $$ METHYL TRIDECANOATE $$ MYRISTIC ACID $$ TETRADECANOATE $$ 1-TRIDECANECARBOXYLIC AC



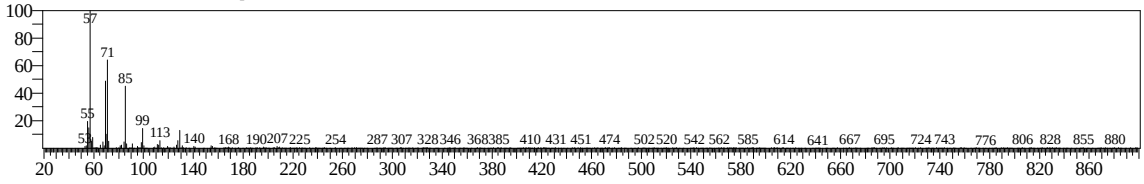
<< Target >>
Line#:11 R.Time:15.208(Scan#:1466) MassPeaks:490
RawMode:Averaged 15.200-15.217(1465-1467) BasePeak:55.15(3234)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



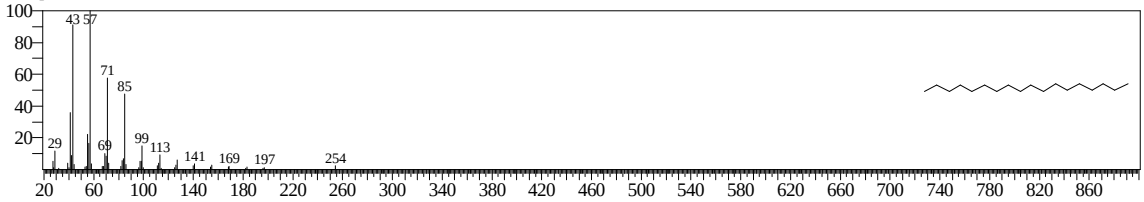
Hit#:1 Entry:18886 Library:NIST27.LIB
SI:90 Formula:C16H32 CAS:629-73-2 MolWeight:224 RetIndex:0
CompName:1-Hexadecene



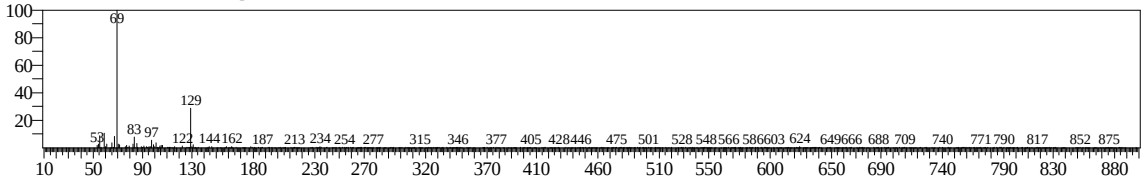
<< Target >>
Line#:12 R.Time:15.292(Scan#:1476) MassPeaks:503
RawMode:Averaged 15.283-15.300(1475-1477) BasePeak:57.20(8057)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



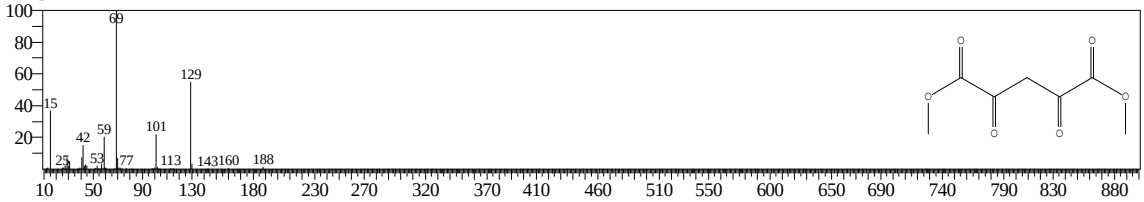
Hit#:1 Entry:127199 Library:NIST17.lib
SI:88 Formula:C18H38 CAS:593-45-3 MolWeight:254 RetIndex:1810
CompName:Octadecane



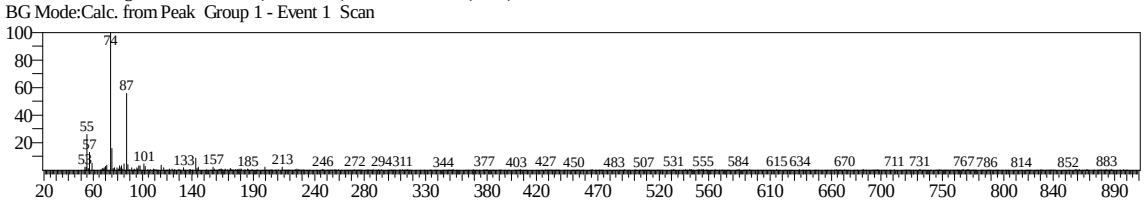
<< Target >>
Line#:13 R.Time:15.475(Scan#:1498) MassPeaks:496
RawMode:Averaged 15.467-15.483(1497-1499) BasePeak:69.20(7013)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



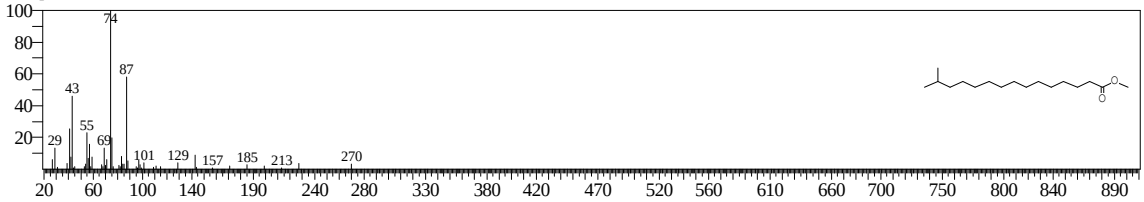
Hit#:1 Entry:116019 Library:Wiley9.lib
SI:77 Formula:C7H8O6 CAS:0-00-0 MolWeight:188 RetIndex:0
CompName:DIMETHYL 2,4-DIKETOGLUTARATE



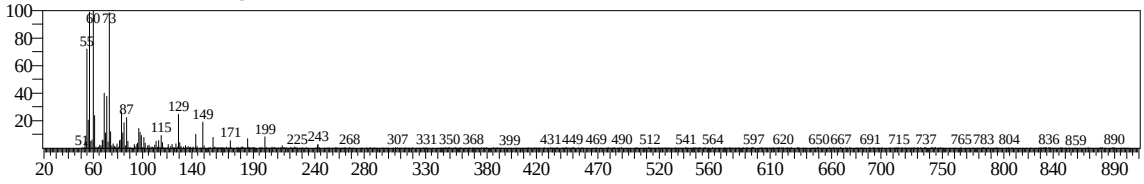
<< Target >>
Line#:14 R.Time:15.692(Scan#:1524) MassPeaks:467
RawMode:Averaged 15.683-15.700(1523-1525) BasePeak:74.20(8048)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



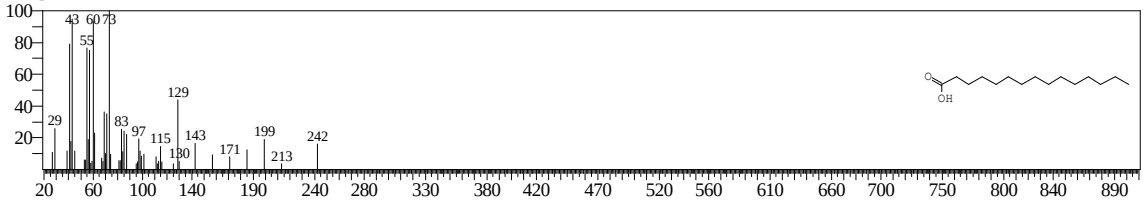
Hit#:1 Entry:201989 Library:WILEY8.LIB
SI:90 Formula:C17H34O2 CAS:5129-60-2 MolWeight:270 RetIndex:0
CompName:PENTADECANOIC ACID, 14-METHYL-, METHYL ESTER $$ METHYL 14-METHYLPENTADECANOATE $$ METHYL 14-METHYLPENTA



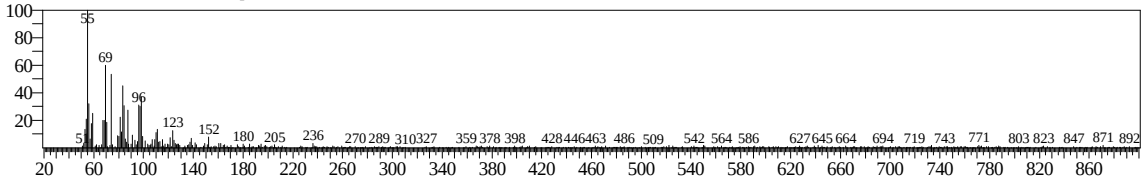
<< Target >>
Line#:15 R.Time:16.400(Scan#:1609) MassPeaks:618
RawMode:Averaged 16.392-16.408(1608-1610) BasePeak:60.10(7980)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



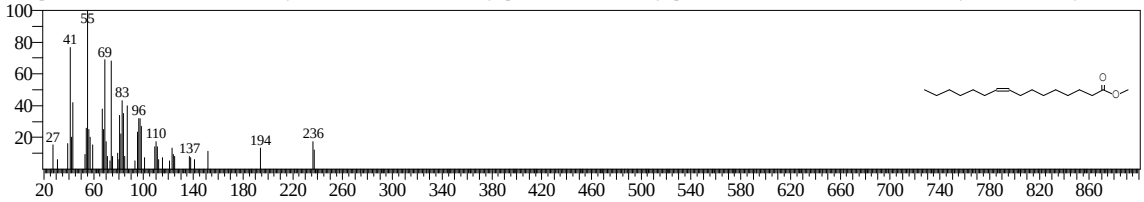
Hit#:1 Entry:114633 Library:NIST17.lib
SI:91 Formula:C15H30O2 CAS:1002-84-2 MolWeight:242 RetIndex:1869
CompName:Pentadecanoic acid



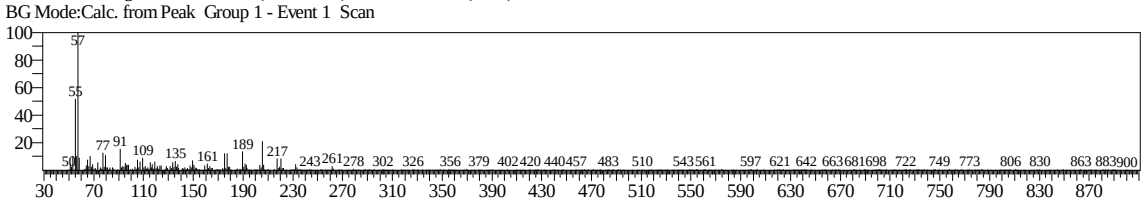
<< Target >>
Line#:16 R.Time:17.017(Scan#:1683) MassPeaks:509
RawMode:Averaged 17.008-17.025(1682-1684) BasePeak:55.15(2231)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



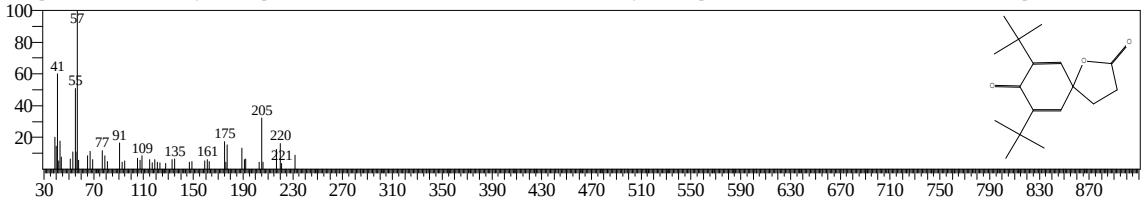
Hit#:1 Entry:302668 Library:Wiley9.lib
SI:87 Formula:C17H32O2 CAS:1120-25-8 MolWeight:268 RetIndex:0
CompName:9-Hexadecenoic acid, methyl ester, (Z)- (CAS) $$ Methyl palmitoleate $$ Methyl palmitoleinate $$ Palmitoleic acid, methyl ester $$ Methyl (9Z)-9-



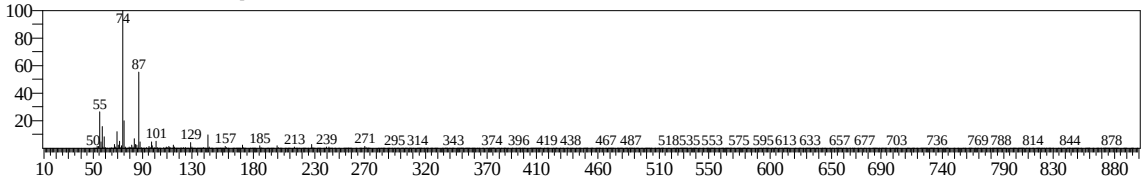
<< Target >>
Line#:17 R.Time:17.200(Scan#:1705) MassPeaks:499
RawMode:Averaged 17.192-17.208(1704-1706) BasePeak:57.20(5966)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



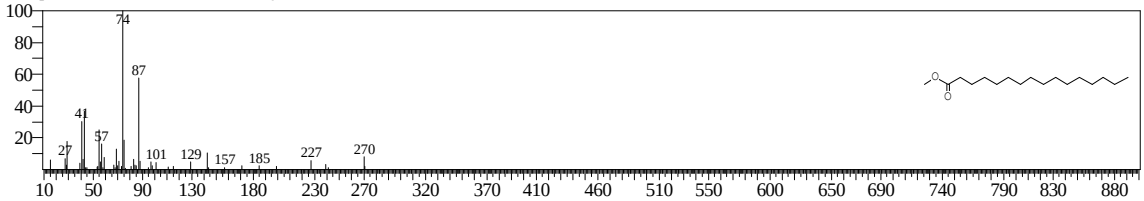
Hit#:1 Entry:320702 Library:Wiley9.lib
SI:90 Formula:C17H24O3 CAS:82304-66-3 MolWeight:276 RetIndex:0
CompName:7,9-di-tert-butyl-1-oxaspiro[4.5]deca-6,9-diene-2,8-dione $$ 7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2,8-dione $$ 1-Oxa-spiro[4.5]deca-6,9



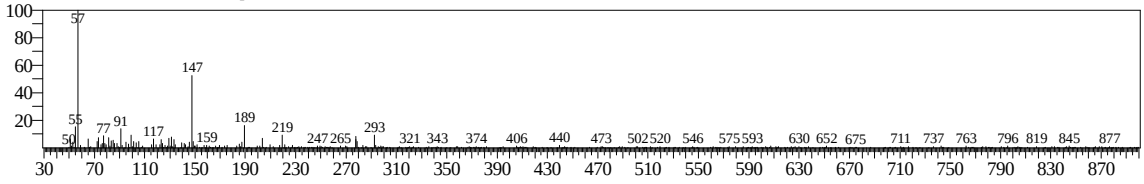
<< Target >>
Line#:18 R.Time:17.400(Scan#:1729) MassPeaks:502
RawMode:Averaged 17.392-17.408(1728-1730) BasePeak:74.20(218584)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



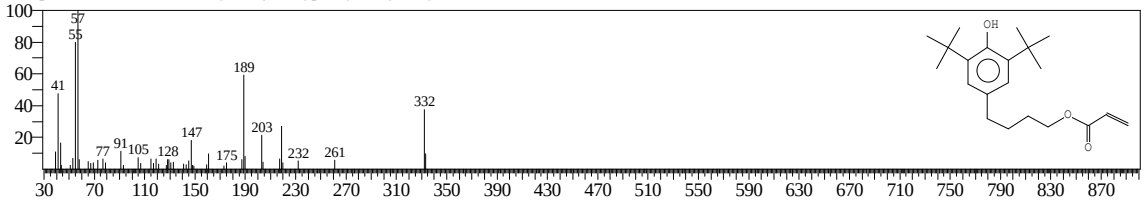
Hit#:1 Entry:144336 Library:NIST17.lib
SI:96 Formula:C17H34O2 CAS:112-39-0 MolWeight:270 RetIndex:1878
CompName:Hexadecanoic acid, methyl ester



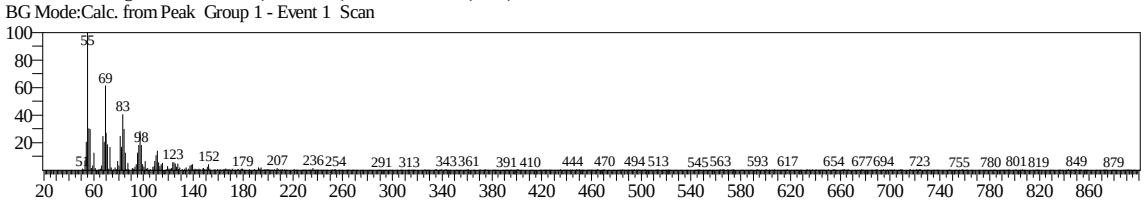
<< Target >>
Line#:19 R.Time:17.567(Scan#:1749) MassPeaks:386
RawMode:Averaged 17.558-17.575(1748-1750) BasePeak:57.20(2441)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



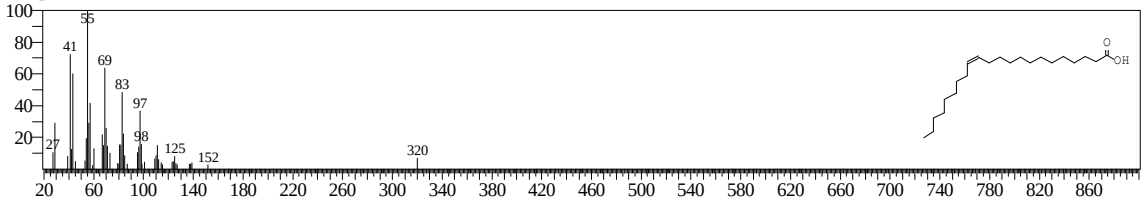
Hit#:1 Entry:108859 Library:NIST147.LIB
SI:63 Formula:C21H32O3 CAS:87033-84-9 MolWeight:332 RetIndex:0
CompName:4-(3,5-Di-tert-butyl-4-hydroxyphenyl)butyl acrylate $$



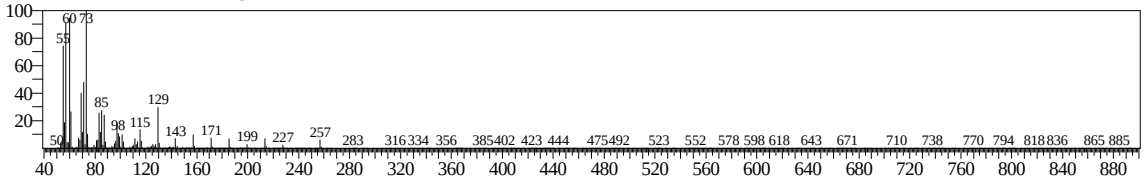
<< Target >>
Line#:20 R.Time:17.900(Scan#:1789) MassPeaks:478
RawMode:Averaged 17.892-17.908(1788-1790) BasePeak:55.15(8274)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



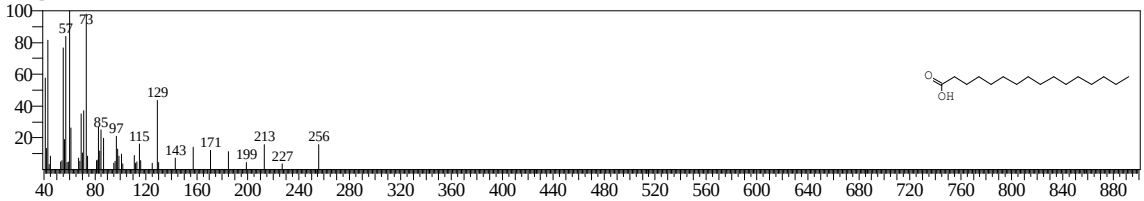
Hit#:1 Entry:217209 Library:NIST17.lib
SI:94 Formula:C22H42O2 CAS:112-86-7 MolWeight:338 RetIndex:2572
CompName:Erucic acid



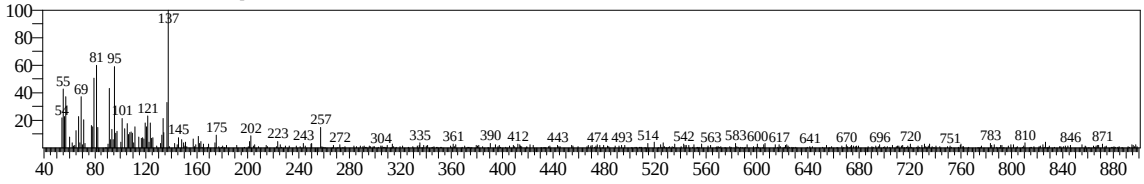
<< Target >>
Line#:21 R.Time:18.350(Scan#:1843) MassPeaks:507
RawMode:Averaged 18.342-18.358(1842-1844) BasePeak:73.15(343685)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



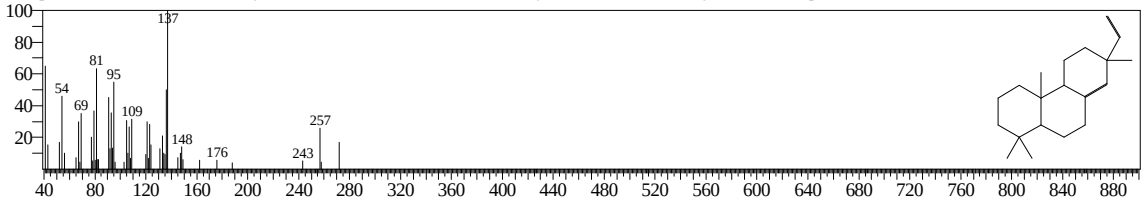
Hit#:1 Entry:129354 Library:NIST17.lib
SI:95 Formula:C16H32O2 CAS:57-10-3 MolWeight:256 RetIndex:1968
CompName:n-Hexadecanoic acid



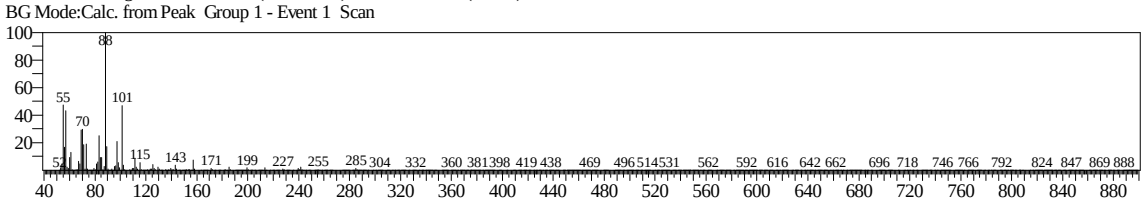
<< Target >>
Line#:22 R.Time:18.725(Scan#:1888) MassPeaks:408
RawMode:Averaged 18.717-18.733(1887-1889) BasePeak:137.40(975)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



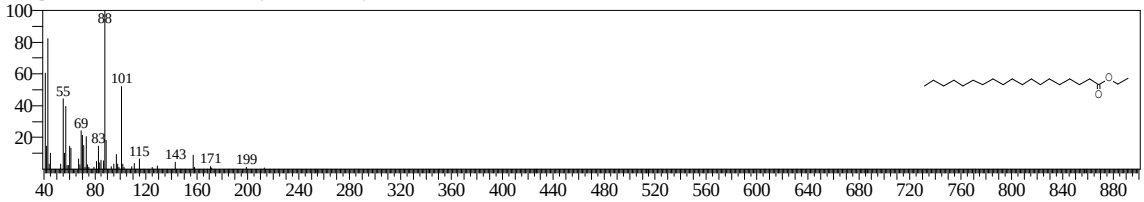
Hit#:1 Entry:146753 Library:NIST17.lib
SI:74 Formula:C20H32 CAS:1686-56-2 MolWeight:272 RetIndex:1926
CompName:Phenanthrene, 7-ethenyl-1,2,3,4,4a,4b,5,6,7,9,10,10a-dodecahydro-1,1,4a,7-tetramethyl-, [4aS-(4a.alpha.,4b.beta.,7.beta.,10a.beta.)]-



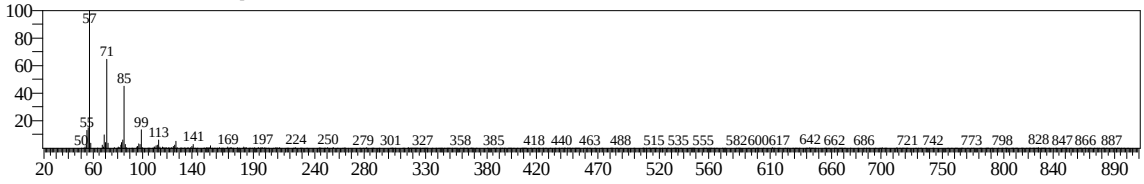
<< Target >>
Line#:23 R.Time:18.867(Scan#:1905) MassPeaks:565
RawMode:Averaged 18.858-18.875(1904-1906) BasePeak:88.20(55831)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



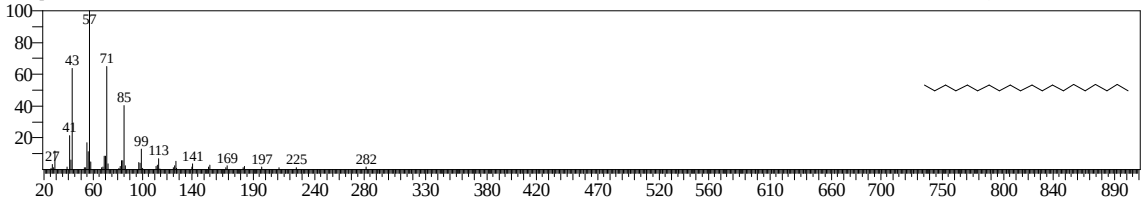
Hit#:1 Entry:429068 Library:Wiley9.lib
SI:92 Formula:C21H42O2 CAS:18281-04-4 MolWeight:326 RetIndex:0
CompName:Nonadecanoic acid, ethyl ester $$ Ethyl nonadecanoate $$ ETHYL NONADECANOATE # $$ ETHYL NONADECANOATE (COMPUTER-GENE



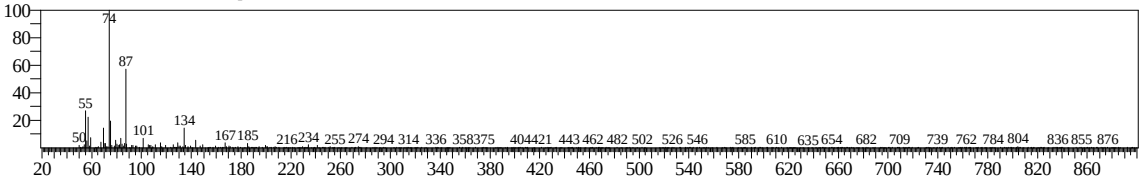
<< Target >>
Line#:24 R.Time:19.025(Scan#:1924) MassPeaks:369
RawMode:Averaged 19.017-19.033(1923-1925) BasePeak:57.15(13489)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



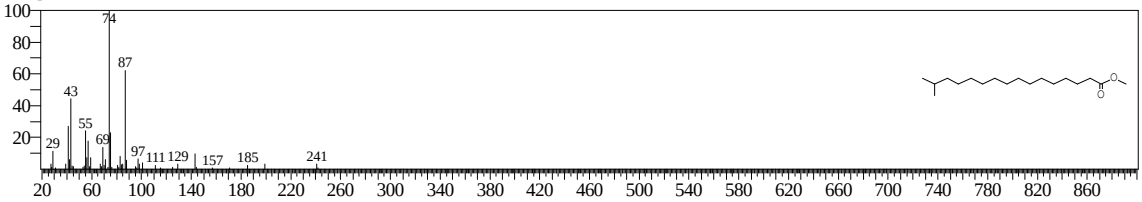
Hit#:1 Entry:217769 Library:WILEY8.LIB
SI:95 Formula:C20H42 CAS:112-95-8 MolWeight:282 RetIndex:0
CompName:EICOSANE $$ ICOSANE $$ ICOSANE # $$ AI3-28404 $$ CCRIS 663 $$ EICOSAN $$ EINECS 204-018-1 $$ ICOSANE (COMPUTER-GENE



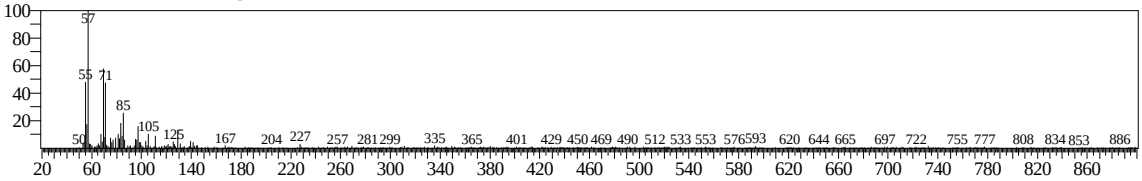
<< Target >>
Line#:25 R.Time:19.675(Scan#:2002) MassPeaks:434
RawMode:Averaged 19.667-19.683(2001-2003) BasePeak:74.15(4920)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



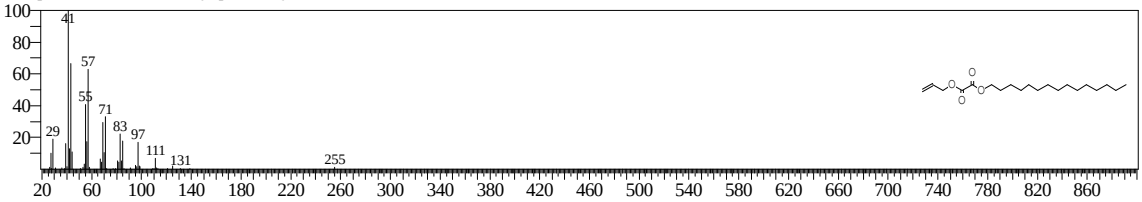
Hit#:1 Entry:220298 Library:WILEY8.LIB
SI:87 Formula:C18H36O2 CAS:6929-04-0 MolWeight:284 RetIndex:0
CompName:HEXADECANOIC ACID, 15-METHYL-, METHYL ESTER $$ METHYL 15-METHYLHEXADECANOATE $$ METHYL ISOHEPTADECANO



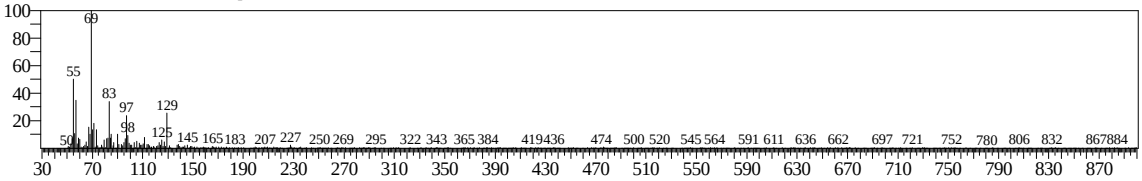
<< Target >>
Line#:26 R.Time:20.025(Scan#:2044) MassPeaks:477
RawMode:Averaged 20.017-20.033(2043-2045) BasePeak:57.20(3253)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



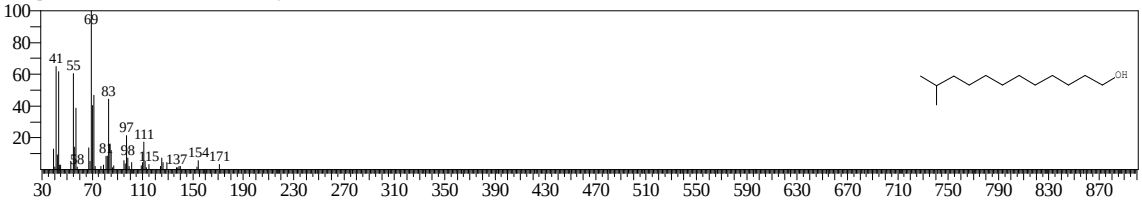
Hit#:1 Entry:219038 Library:NIST17.lib
SI:86 Formula:C20H36O4 CAS:0-00-0 MolWeight:340 RetIndex:2334
CompName:Oxalic acid, allyl pentadecyl ester



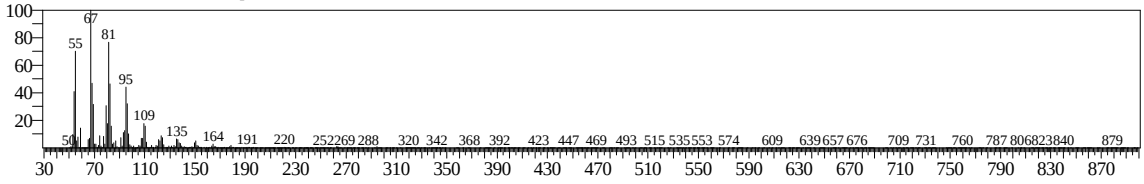
<< Target >>
Line#:27 R.Time:20.192(Scan#:2064) MassPeaks:503
RawMode:Averaged 20.183-20.200(2063-2065) BasePeak:69.20(6289)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



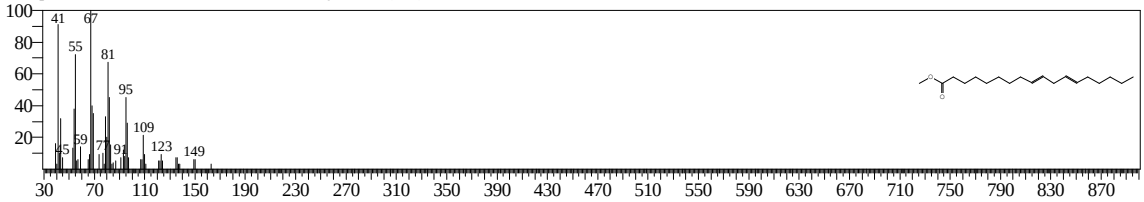
Hit#:1 Entry:40224 Library:NIST147.LIB
SI:81 Formula:C13H28O CAS:27458-92-0 MolWeight:200 RetIndex:0
CompName:Isotridecanol- $$ Isotridecyl alcohol $$



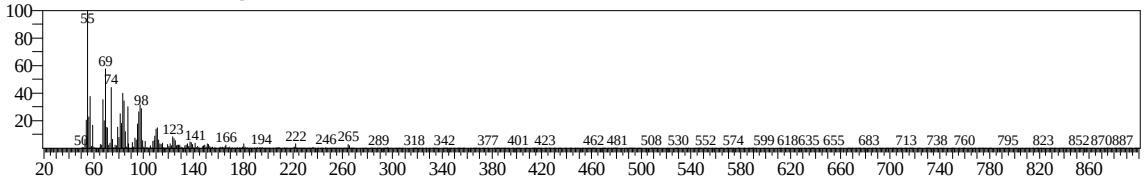
<< Target >>
Line#:28 R.Time:21.275(Scan#:2194) MassPeaks:526
RawMode:Averaged 21.267-21.283(2193-2195) BasePeak:67.15(70318)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



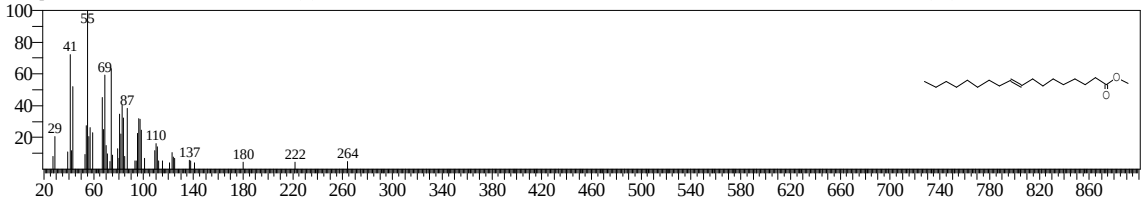
Hit#:1 Entry:23466 Library:NIST27.LIB
SI:96 Formula:C19H34O2 CAS:2566-97-4 MolWeight:294 RetIndex:0
CompName:9,12-Octadecadienoic acid, methyl ester, (E,E)-



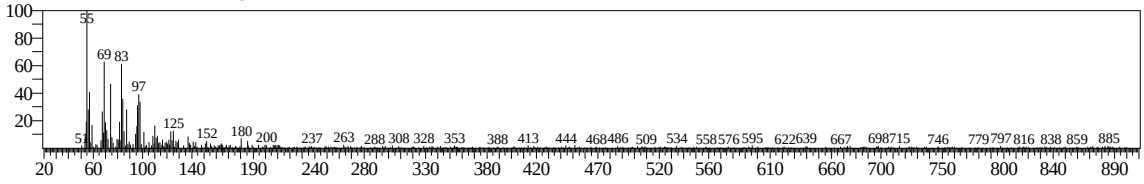
<< Target >>
Line#:29 R.Time:21.425(Scan#:2212) MassPeaks:463
RawMode:Averaged 21.417-21.433(2211-2213) BasePeak:55.15(36790)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



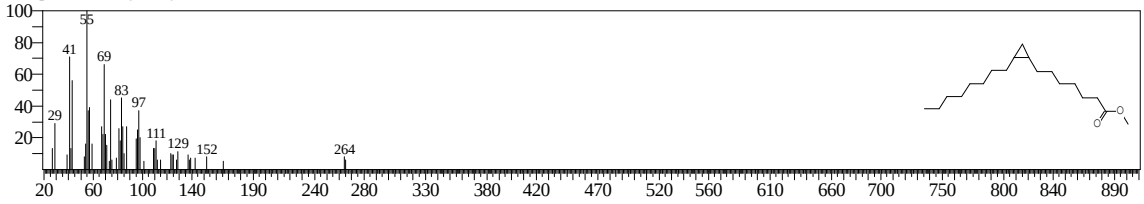
Hit#:1 Entry:235422 Library:WILEY8.LIB
SI:94 Formula:C19H36O2 CAS:112-62-9 MolWeight:296 RetIndex:0
CompName:9-OCTADECENOIC ACID (Z)-, METHYL ESTER $$ 9-OCTADECENOIC ACID, METHYL ESTER $$ METHYL (9Z)-9-OCTADECENOATE #



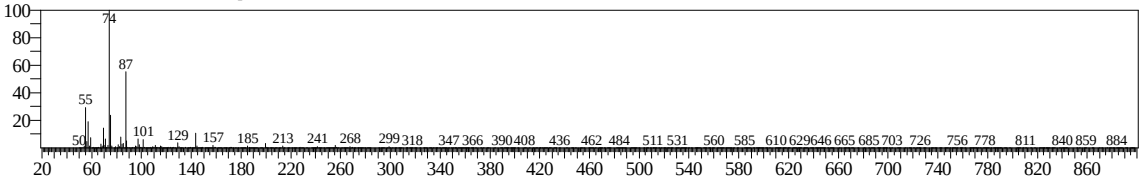
<< Target >>
Line#:30 R.Time:21.558(Scan#:2228) MassPeaks:462
RawMode:Averaged 21.550-21.567(2227-2229) BasePeak:55.15(2003)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



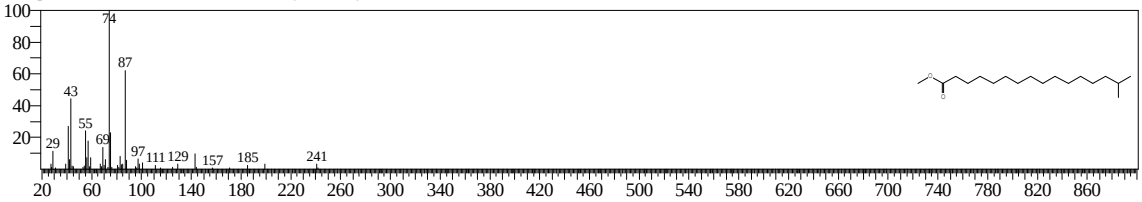
Hit#:1 Entry:366386 Library:Wiley9.lib
SI:87 Formula:C19H36O2 CAS:0-00-0 MolWeight:296 RetIndex:0
CompName:methyl dihydromalvalate



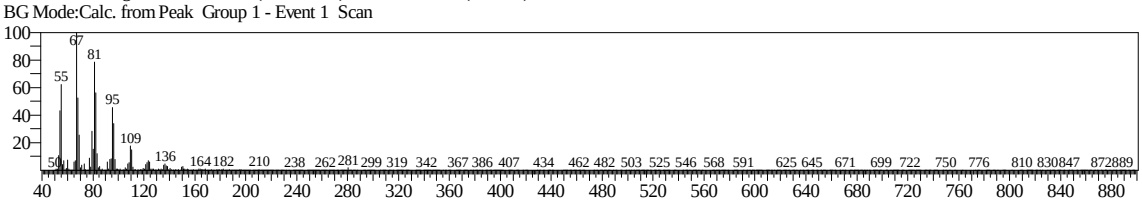
<< Target >>
Line#:31 R.Time:22.033(Scan#:2285) MassPeaks:533
RawMode:Averaged 22.025-22.042(2284-2286) BasePeak:74.20(50394)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



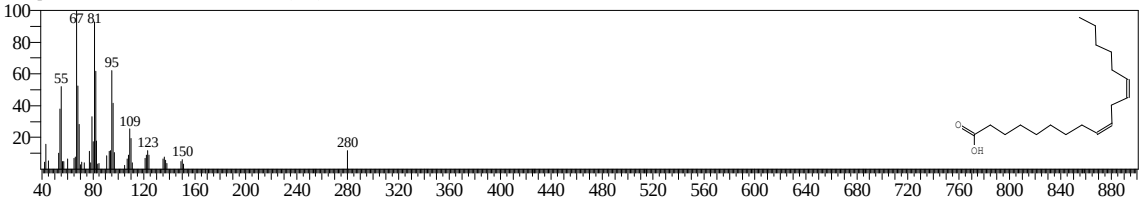
Hit#:1 Entry:22972 Library:NIST27.LIB
SI:96 Formula:C18H36O2 CAS:6929-04-0 MolWeight:284 RetIndex:0
CompName:Hexadecanoic acid, 15-methyl-, methyl ester



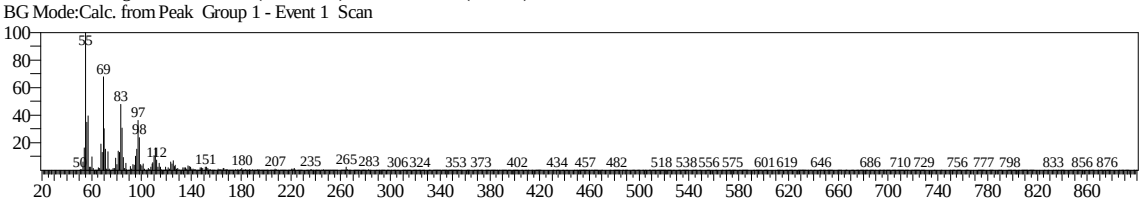
<< Target >>
Line#:32 R.Time:22.358(Scan#:2324) MassPeaks:520
RawMode:Averaged 22.350-22.367(2323-2325) BasePeak:67.20(179956)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



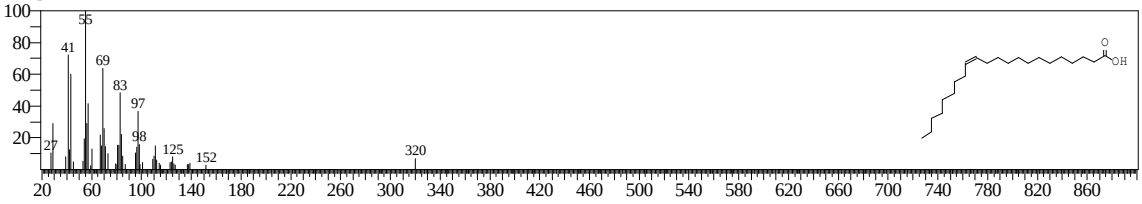
Hit#:1 Entry:154772 Library:NIST17.lib
SI:94 Formula:C18H32O2 CAS:60-33-3 MolWeight:280 RetIndex:2183
CompName:9,12-Octadecadienoic acid (Z,Z)-



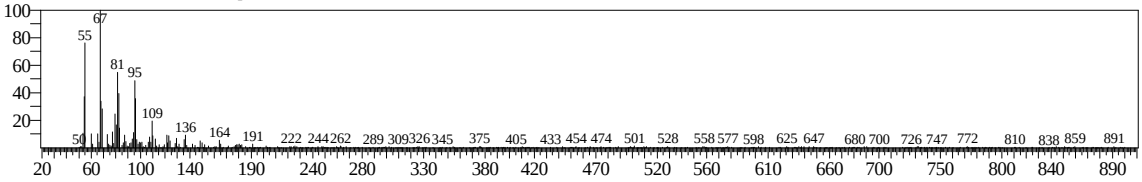
<< Target >>
Line#:33 R.Time:22.475(Scan#:2338) MassPeaks:521
RawMode:Averaged 22.467-22.483(2337-2339) BasePeak:55.15(127436)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



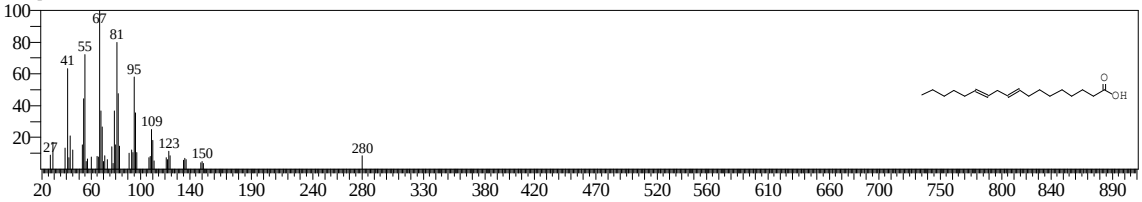
Hit#:1 Entry:217209 Library:NIST17.lib
SI:94 Formula:C22H42O2 CAS:112-86-7 MolWeight:338 RetIndex:2572
CompName:Erucic acid



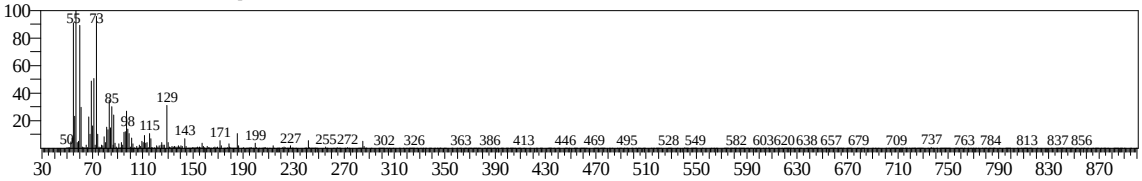
<< Target >>
Line#:34 R.Time:22.800(Scan#:2377) MassPeaks:407
RawMode:Averaged 22.792-22.808(2376-2378) BasePeak:67.20(2769)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



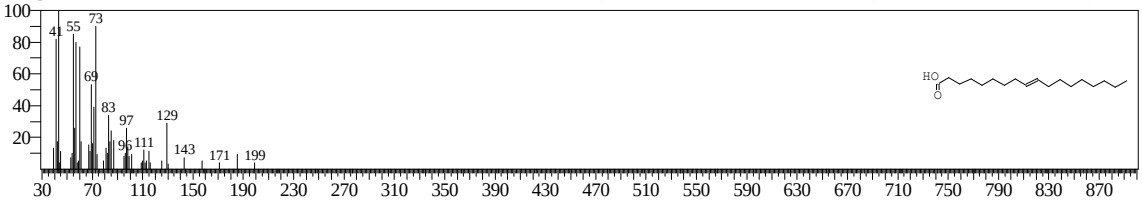
Hit#:1 Entry:154743 Library:NIST17.lib
SI:88 Formula:C18H32O2 CAS:506-21-8 MolWeight:280 RetIndex:2183
CompName:Linoelaidic acid



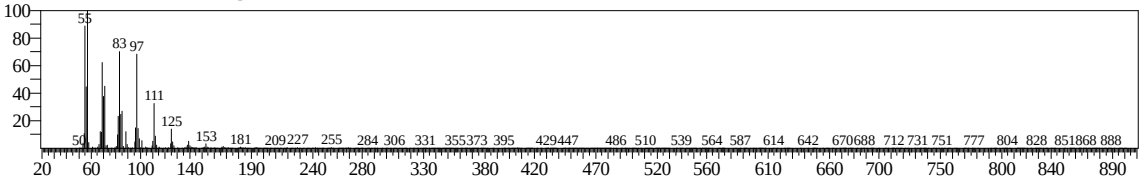
<< Target >>
Line#:35 R.Time:22.975(Scan#:2398) MassPeaks:498
RawMode:Averaged 22.967-22.983(2397-2399) BasePeak:57.20(17589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



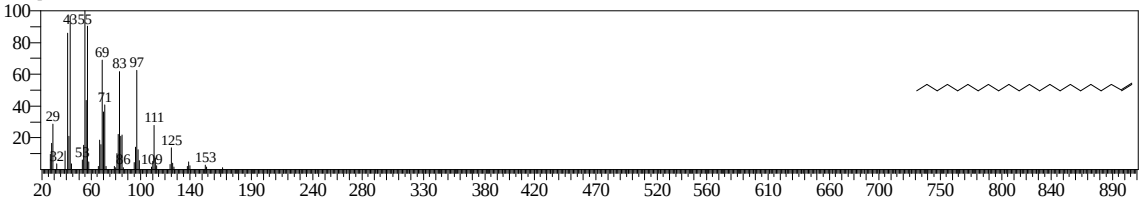
Hit#:1 Entry:217532 Library:WILEY8.LIB
SI:95 Formula:C18H34O2 CAS:112-80-1 MolWeight:282 RetIndex:0
CompName:9-OCTADECENOIC ACID (Z)- $$ OCTADEC-9-ENOIC ACID $$ (9E)-9-OCTADECENOIC ACID # $$ (9E)-9-OCTADECENOIC ACID (COMP



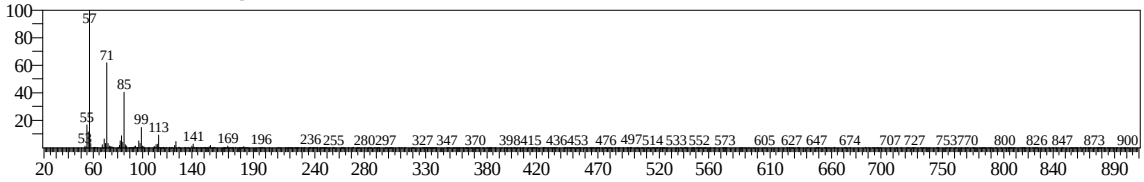
<< Target >>
Line#:36 R.Time:23.533(Scan#:2465) MassPeaks:491
RawMode:Averaged 23.525-23.542(2464-2466) BasePeak:57.20(19507)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



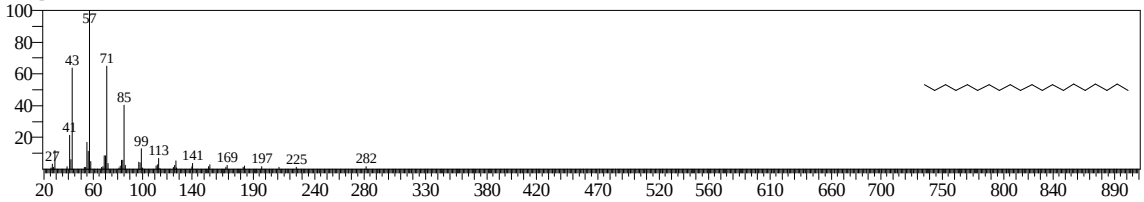
Hit#:1 Entry:24112 Library:NIST27.LIB
SI:95 Formula:C22H44 CAS:1599-67-3 MolWeight:308 RetIndex:0
CompName:1-Docosene



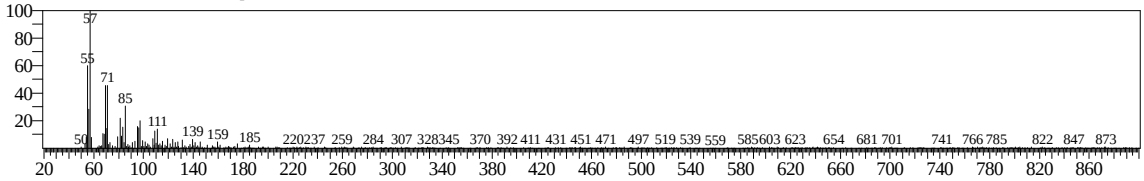
<< Target >>
Line#:37 R.Time:23.658(Scan#:2480) MassPeaks:387
RawMode:Averaged 23.650-23.667(2479-2481) BasePeak:57.20(14339)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



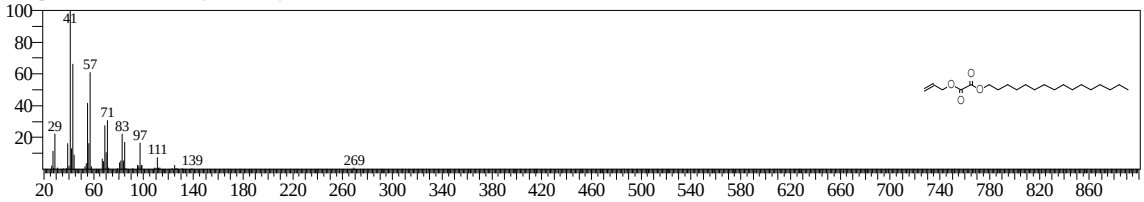
Hit#:1 Entry:335420 Library:Wiley9.lib
SI:94 Formula:C20H42 CAS:112-95-8 MolWeight:282 RetIndex:0
CompName:EICOSANE $$ ICOSANE $$ ICOSANE # $$ AI3-28404 $$ CCRIS 663 $$ EICOSAN $$ EINECS 204-018-1 $$ ICOSANE (COMPUTER-GENE



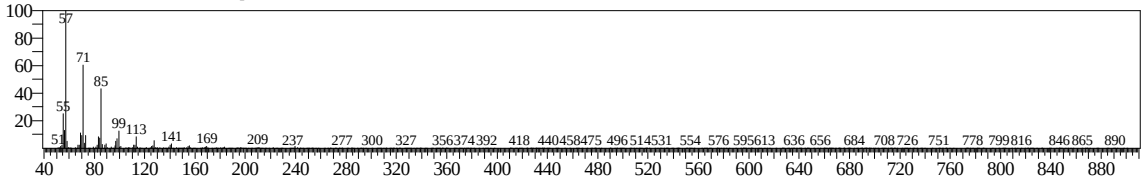
<< Target >>
Line#:38 R.Time:24.675(Scan#:2602) MassPeaks:478
RawMode:Averaged 24.667-24.683(2601-2603) BasePeak:57.20(3675)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



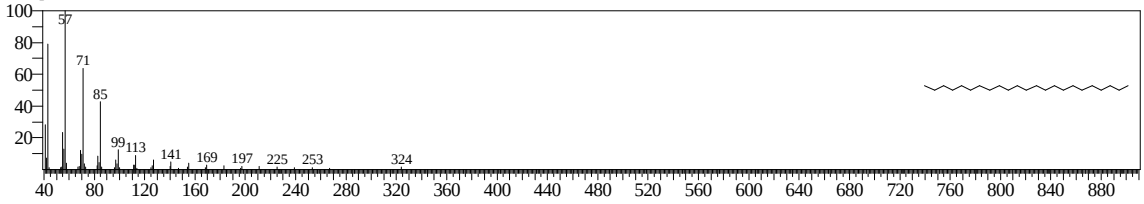
Hit#:1 Entry:232168 Library:NIST17.lib
SI:86 Formula:C21H38O4 CAS:0-00-0 MolWeight:354 RetIndex:2433
CompName:Oxalic acid, allyl hexadecyl ester



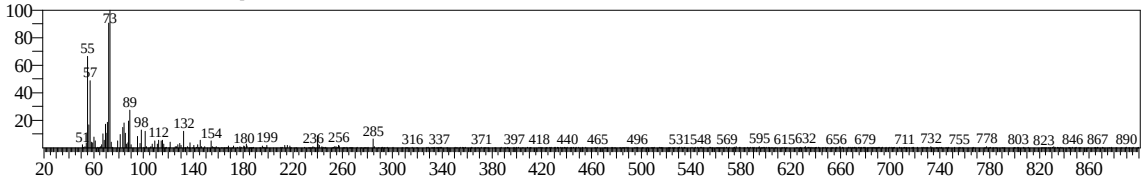
<< Target >>
Line#:39 R.Time:25.758(Scan#:2732) MassPeaks:476
RawMode:Averaged 25.750-25.767(2731-2733) BasePeak:57.20(20618)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



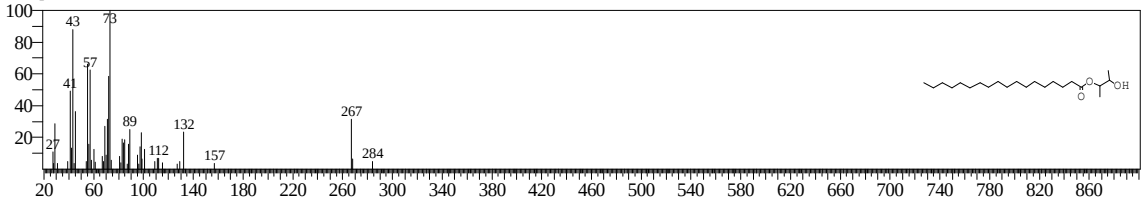
Hit#:1 Entry:268701 Library:WILEY8.LIB
SI:95 Formula:C23H48 CAS:638-67-5 MolWeight:324 RetIndex:0
CompName:TRICOSANE $$ AI3-35917 $$ EINECS 211-347-4 $$ N-TRICOSANE $$ NSC 78487



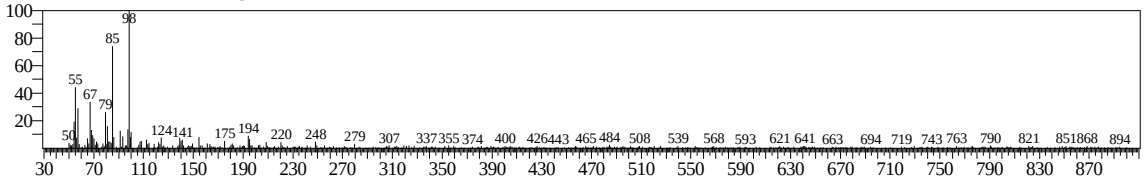
<< Target >>
Line#:40 R.Time:25.825(Scan#:2740) MassPeaks:433
RawMode:Averaged 25.817-25.833(2739-2741) BasePeak:73.20(4839)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



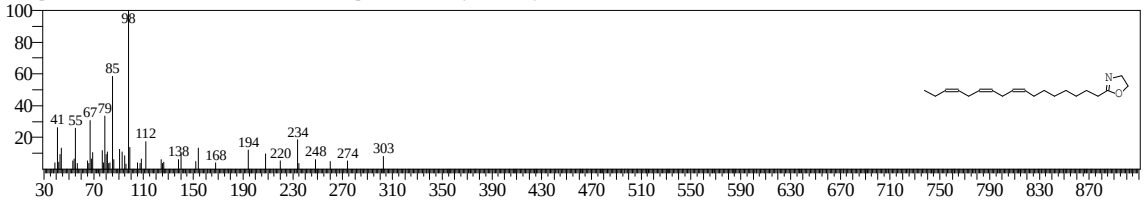
Hit#:1 Entry:300590 Library:WILEY8.LIB
SI:85 Formula:C22H44O3 CAS:14251-39-9 MolWeight:356 RetIndex:0
CompName:STEARIC ACID, 2-HYDROXY-1-METHYLPROPYL ESTER $$ 2-HYDROXY-1-METHYLPROPYL STEARATE # $$ 2 OCTADECANOYL 2,3



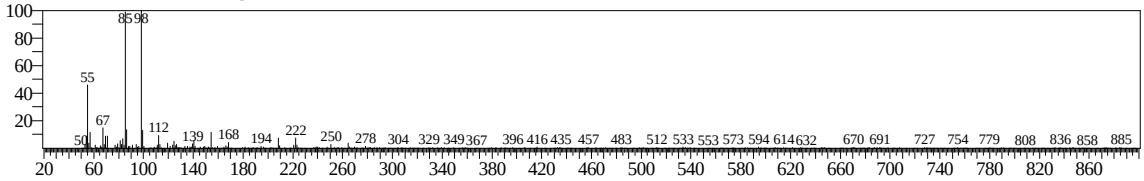
<< Target >>
Line#:41 R.Time:26.083(Scan#:2771) MassPeaks:479
RawMode:Averaged 26.075-26.092(2770-2772) BasePeak:98.25(2214)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



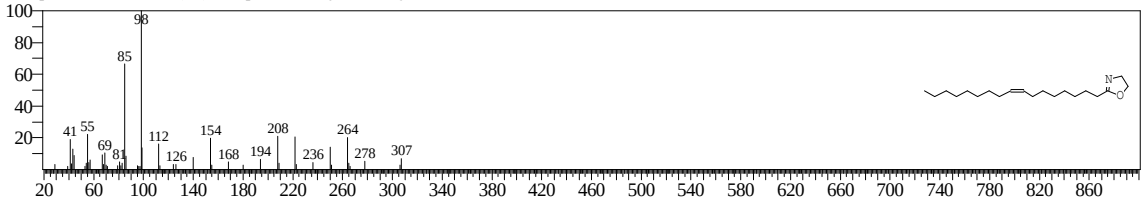
Hit#:1 Entry:180040 Library:NIST17.lib
SI:77 Formula:C20H33NO CAS:193156-18-2 MolWeight:303 RetIndex:2313
CompName:Oxazole, 2-(8Z,11Z,14Z)-8,11,14-heptadecatrien-1-yl-4,5-dihydro-



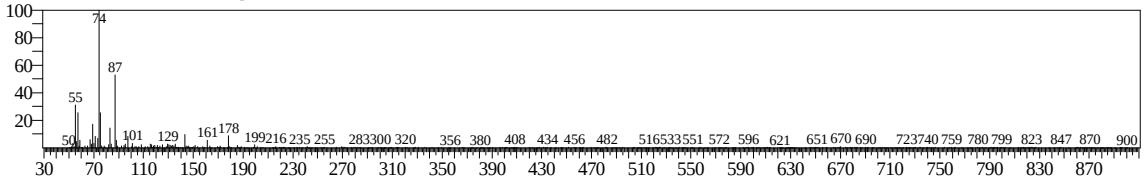
<< Target >>
Line#:42 R.Time:26.217(Scan#:2787) MassPeaks:389
RawMode:Averaged 26.208-26.225(2786-2788) BasePeak:98.25(5194)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



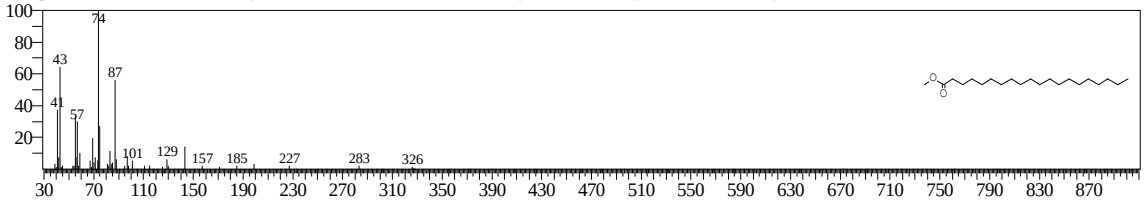
Hit#:1 Entry:184335 Library:NIST17.lib
SI:82 Formula:C20H37NO CAS:34900-26-0 MolWeight:307 RetIndex:2297
CompName:Oxazole, 2-(8Z)-8-heptadecen-1-yl-4,5-dihydro-



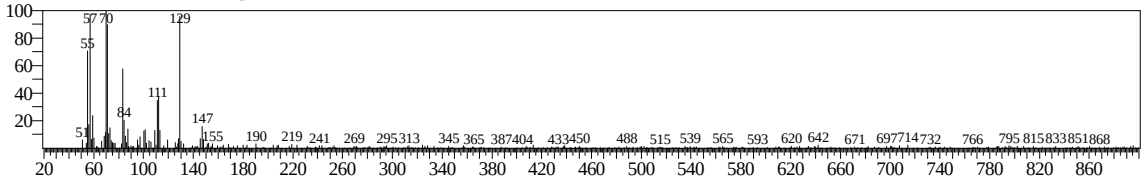
<< Target >>
Line#:43 R.Time:26.317(Scan#:2799) MassPeaks:402
RawMode:Averaged 26.308-26.325(2798-2800) BasePeak:74.20(5112)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



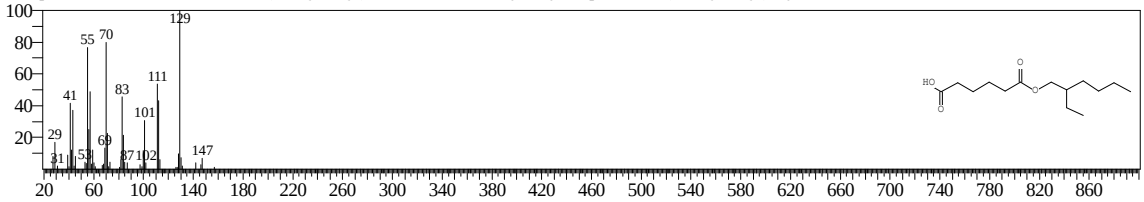
Hit#:1 Entry:429031 Library:Wiley9.lib
SI:89 Formula:C21H42O2 CAS:1120-28-1 MolWeight:326 RetIndex:0
CompName:Eicosanoic acid, methyl ester (CAS) $$ Arachidic acid methyl ester $$ Methyl arachate $$ Methyl eicosanoate $$ METHYL N-EICOSANOATE $$



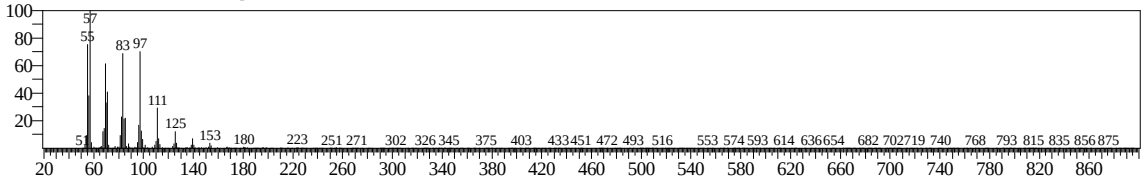
<< Target >>
Line#:44 R.Time:27.508(Scan#:2942) MassPeaks:376
RawMode:Averaged 27.500-27.517(2941-2943) BasePeak:70.20(1607)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



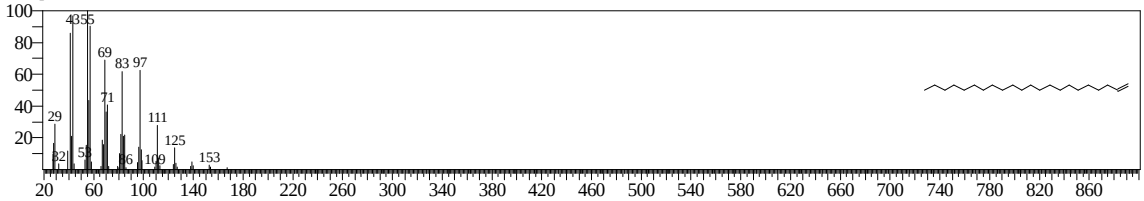
Hit#:1 Entry:71874 Library:NIST147.LIB
SI:83 Formula:C14H26O4 CAS:4337-65-9 MolWeight:258 RetIndex:0
CompName:Hexanedioic acid, mono(2-ethylhexyl)ester $$ Mono-2-ethylhexyl adipate $$ 6-[(2-Ethylhexyl)oxy]-6-oxohexanoic acid # $$



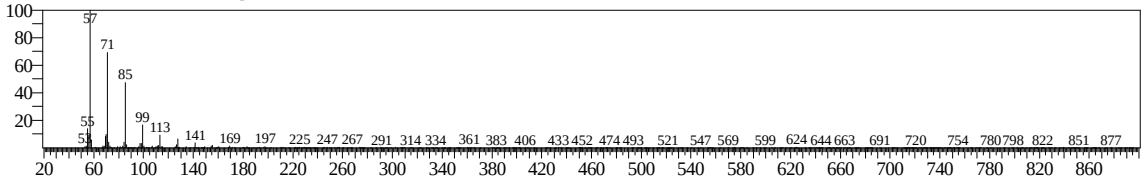
<< Target >>
Line#:45 R.Time:27.608(Scan#:2954) MassPeaks:392
RawMode:Averaged 27.600-27.617(2953-2955) BasePeak:57.20(17217)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



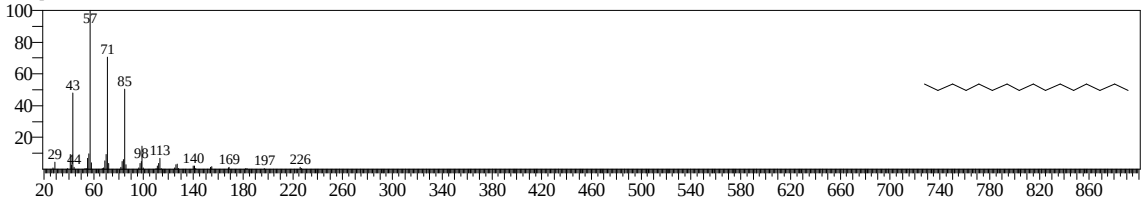
Hit#:1 Entry:185598 Library:NIST17.lib
SI:96 Formula:C22H44 CAS:1599-67-3 MolWeight:308 RetIndex:2198
CompName:1-Docosene



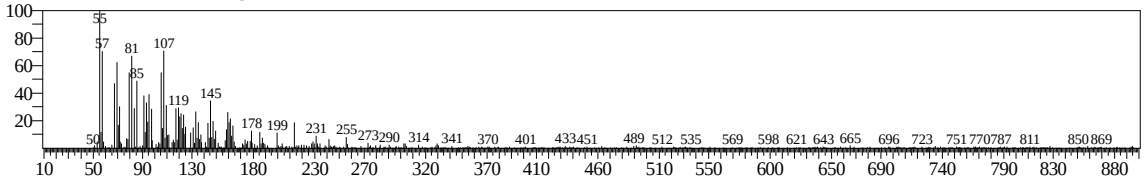
<< Target >>
Line#:46 R.Time:27.708(Scan#:2966) MassPeaks:384
RawMode:Averaged 27.700-27.717(2965-2967) BasePeak:57.20(13791)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



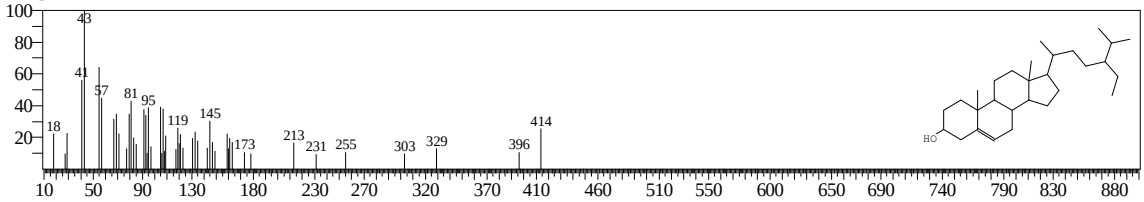
Hit#:1 Entry:142400 Library:WILEY8.LIB
SI:95 Formula:C16H34 CAS:0-00-0 MolWeight:226 RetIndex:0
CompName:HEXADECANE $$ HEXADECAN



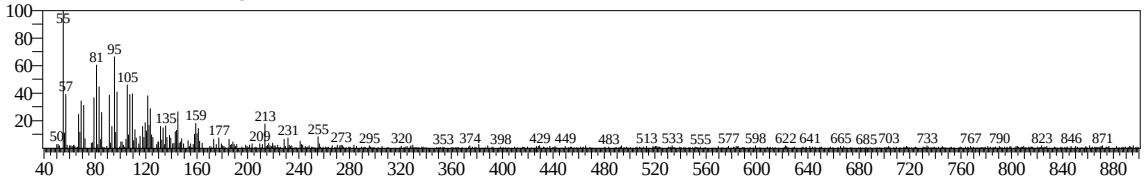
<< Target >>
Line#:47 R.Time:27.867(Scan#:2985) MassPeaks:502
RawMode:Averaged 27.858-27.875(2984-2986) BasePeak:55.15(2767)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



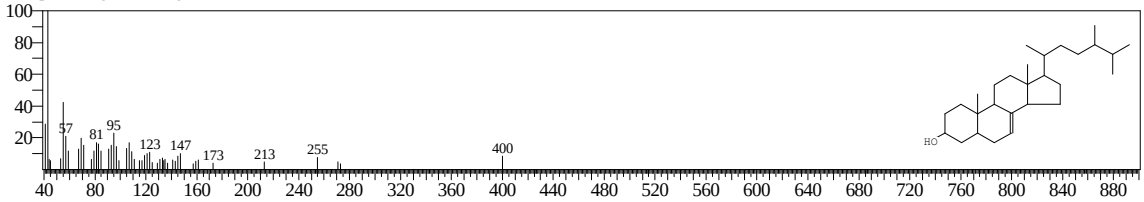
Hit#:1 Entry:26810 Library:NIST27.LIB
SI:85 Formula:C29H50O CAS:83-46-5 MolWeight:414 RetIndex:0
CompName:.beta.-Sitosterol



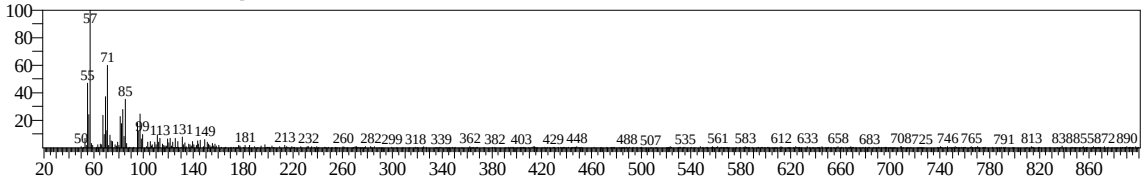
<< Target >>
Line#:48 R.Time:28.025(Scan#:3004) MassPeaks:515
RawMode:Averaged 28.017-28.033(3003-3005) BasePeak:55.15(2004)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



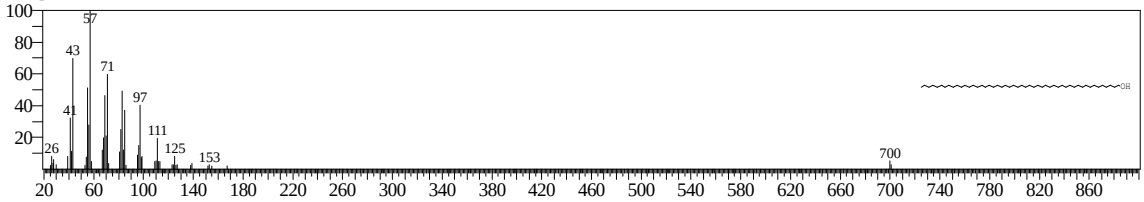
Hit#:1 Entry:26611 Library:NIST27.LIB
SI:79 Formula:C28H48O CAS:516-78-9 MolWeight:400 RetIndex:0
CompName:.gamma.-Ergostenol



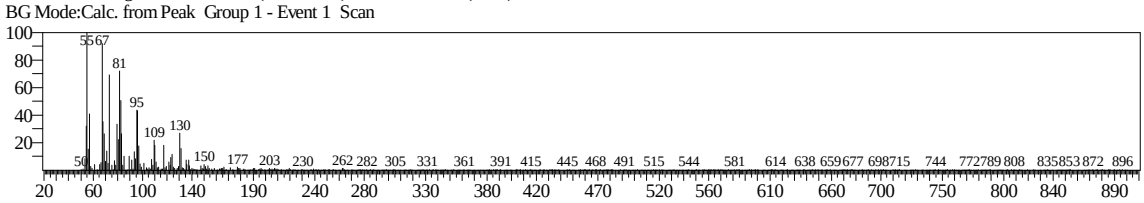
<< Target >>
Line#:49 R.Time:28.750(Scan#:3091) MassPeaks:430
RawMode:Averaged 28.742-28.758(3090-3092) BasePeak:57.15(3208)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



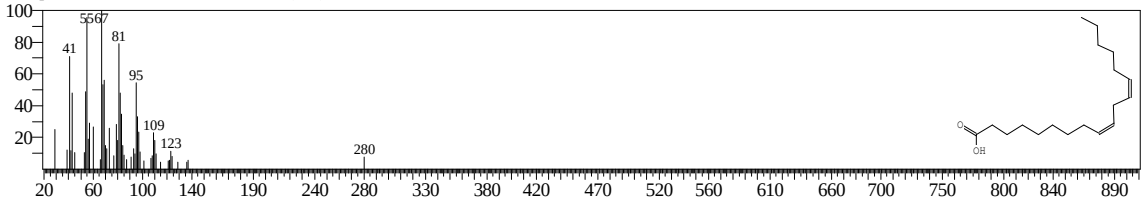
Hit#:1 Entry:395853 Library:WILEY8.LIB
SI:84 Formula:C50H102O CAS:40710-43-8 MolWeight:718 RetIndex:0
CompName:1-PENTACONTANOL $$ N-PENTACONTANOL-1



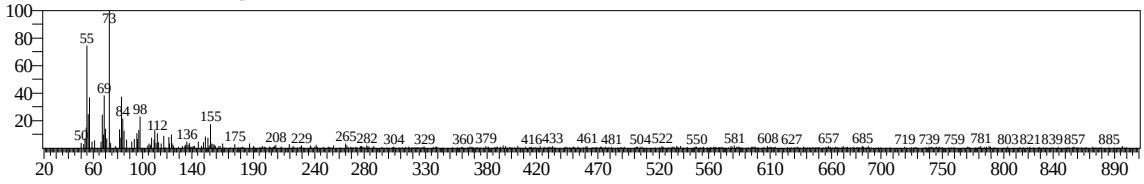
<< Target >>
Line#:50 R.Time:29.092(Scan#:3132) MassPeaks:558
RawMode:Averaged 29.083-29.100(3131-3133) BasePeak:55.15(7217)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



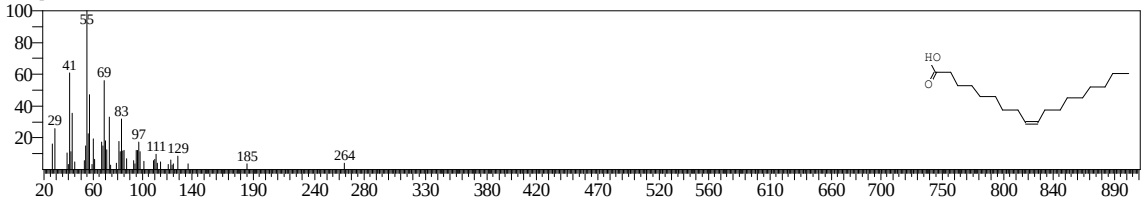
Hit#:1 Entry:154770 Library:NIST17.lib
SI:87 Formula:C18H32O2 CAS:60-33-3 MolWeight:280 RetIndex:2183
CompName:9,12-Octadecadienoic acid (Z,Z)-



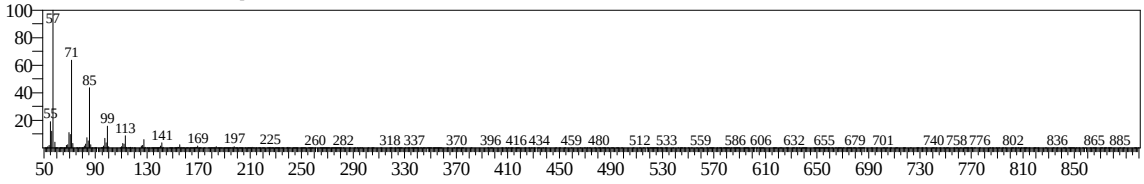
<< Target >>
Line#:51 R.Time:29.183(Scan#:3143) MassPeaks:483
RawMode:Averaged 29.175-29.192(3142-3144) BasePeak:73.20(2542)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



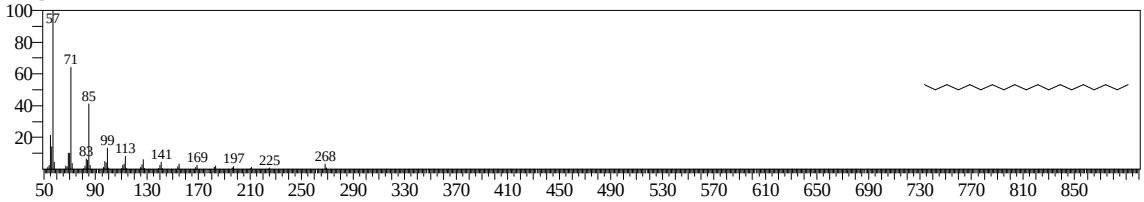
Hit#:1 Entry:157085 Library:NIST17.lib
SI:79 Formula:C18H34O2 CAS:112-80-1 MolWeight:282 RetIndex:2175
CompName:Oleic Acid



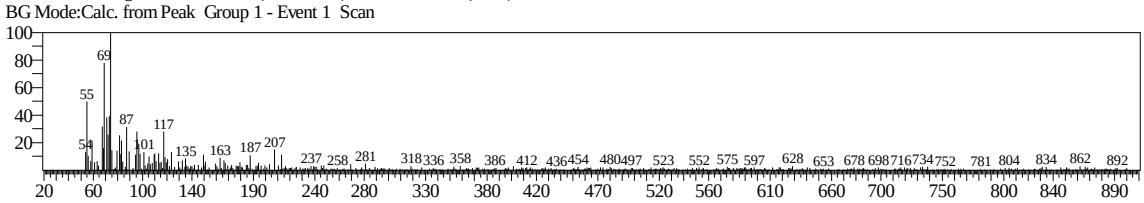
<< Target >>
Line#:52 R.Time:29.533(Scan#:3185) MassPeaks:437
RawMode:Averaged 29.525-29.542(3184-3186) BasePeak:57.20(54430)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



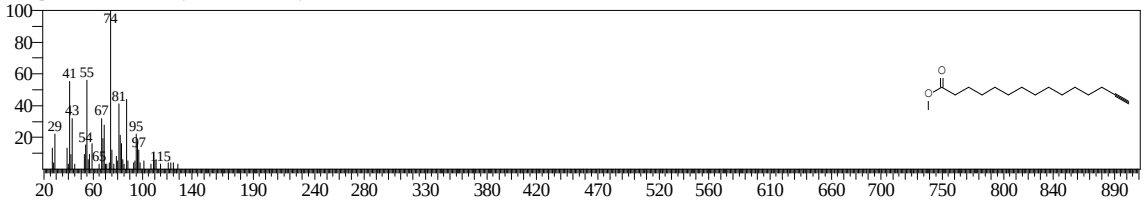
Hit#:1 Entry:303196 Library:Wiley9.lib
SI:97 Formula:C19H40 CAS:629-92-5 MolWeight:268 RetIndex:0
CompName:Nonadecane (CAS) $$ n-Nonadecane $$ AI3-36122 $$ EINECS 211-116-8 $$ NSC 77136



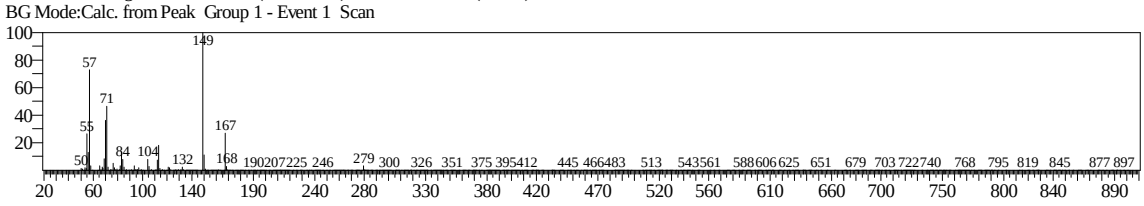
<< Target >>
Line#:53 R.Time:29.650(Scan#:3199) MassPeaks:539
RawMode:Averaged 29.642-29.658(3198-3200) BasePeak:74.20(1585)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



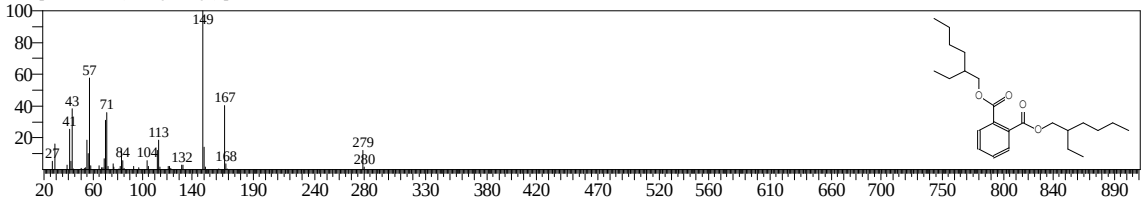
Hit#:1 Entry:265020 Library:Wiley9.lib
SI:72 Formula:C16H28O2 CAS:56909-04-7 MolWeight:252 RetIndex:0
CompName:14-Pentadecynoic acid, methyl ester (CAS) $$ METHYL-PENTADEC-14-YNOATE



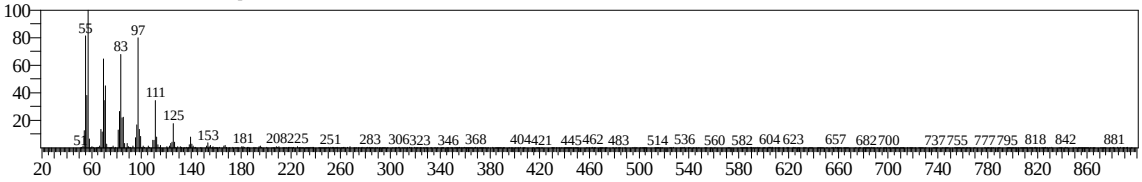
<< Target >>
Line#:54 R.Time:30.108(Scan#:3254) MassPeaks:483
RawMode:Averaged 30.100-30.117(3253-3255) BasePeak:149.30(87721)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



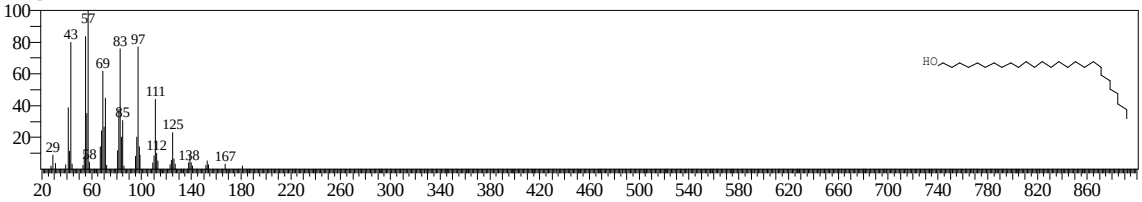
Hit#:1 Entry:259668 Library:NIST17.lib
SI:94 Formula:C24H38O4 CAS:117-81-7 MolWeight:390 RetIndex:2704
CompName:Bis(2-ethylhexyl) phthalate



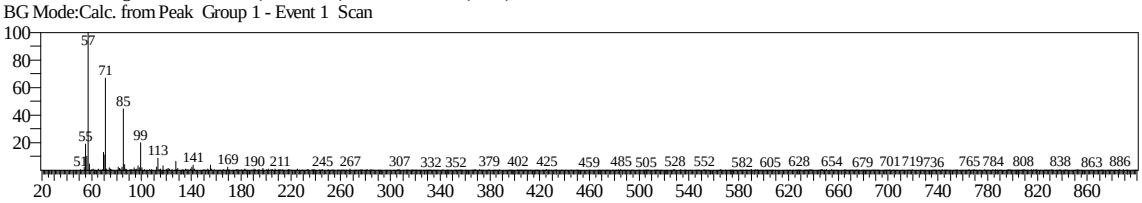
<< Target >>
Line#:55 R.Time:31.175(Scan#:3382) MassPeaks:479
RawMode:Averaged 31.167-31.183(3381-3383) BasePeak:57.20(11109)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



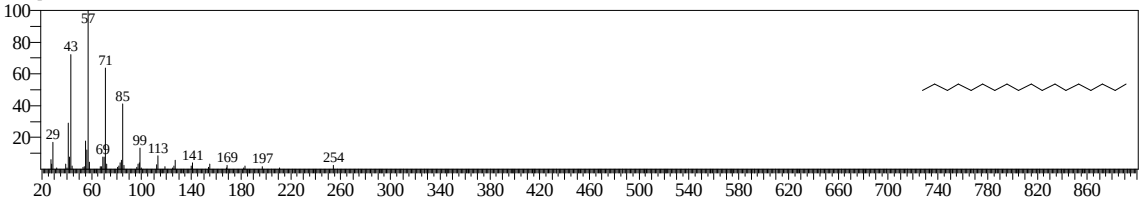
Hit#:1 Entry:270385 Library:NIST17.lib
SI:95 Formula:C28H58O CAS:557-61-9 MolWeight:410 RetIndex:3047
CompName:Octacosanol



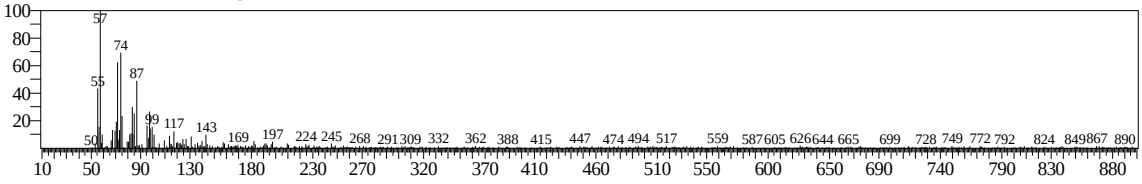
<< Target >>
Line#:56 R.Time:31.250(Scan#:3391) MassPeaks:432
RawMode:Averaged 31.242-31.258(3390-3392) BasePeak:57.20(9587)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



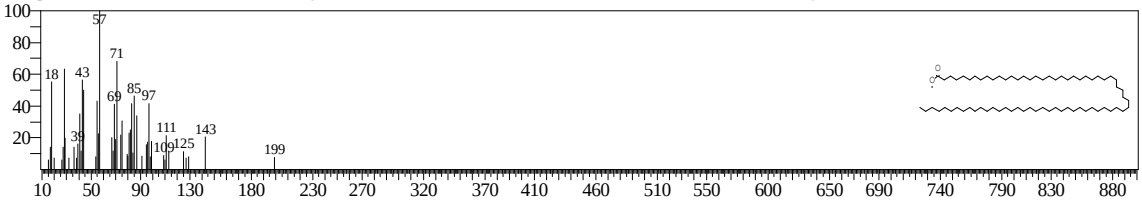
Hit#:1 Entry:270360 Library:Wiley9.lib
SI:91 Formula:C18H38 CAS:593-45-3 MolWeight:254 RetIndex:0
CompName:OCTADECANE $$ AI3-06523 $$ CCRIS 681 $$ EINECS 209-790-3 $$ N-OCTADECANE $$ NSC 4201 $$ OCTADECAN



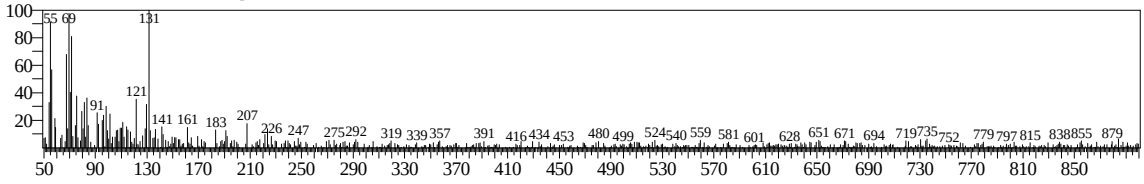
<< Target >>
Line#:57 R.Time:31.767(Scan#:3453) MassPeaks:498
RawMode:Averaged 31.758-31.775(3452-3454) BasePeak:57.20(2542)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



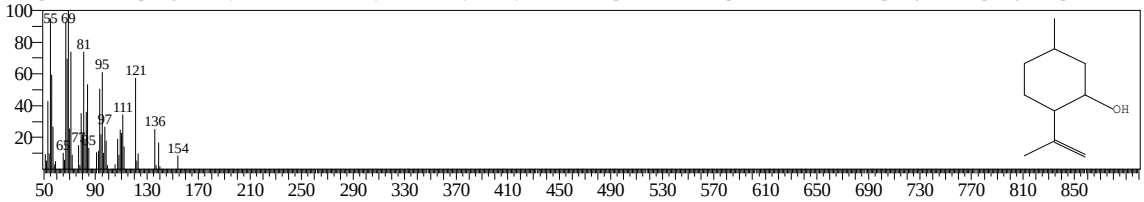
Hit#:1 Entry:661344 Library:Wiley9.lib
SI:78 Formula:C70H140O2 CAS:40710-36-9 MolWeight:1012 RetIndex:0
CompName:Nonahexacontanoic acid, methyl ester (CAS) $$ METHYL N-NONAHEXACONTANOATE $$ Methyl nonahexacontanoate $$ nona - hexacontano



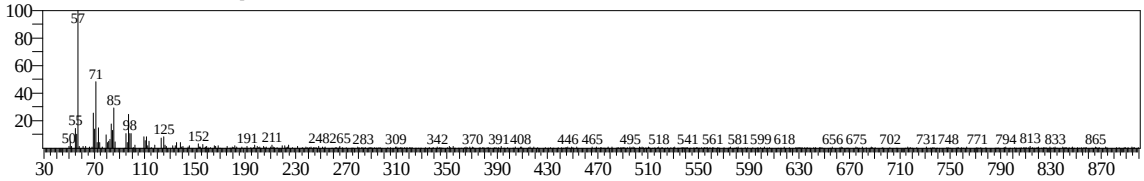
<< Target >>
Line#:58 R.Time:32.083(Scan#:3491) MassPeaks:561
RawMode:Averaged 32.075-32.092(3490-3492) BasePeak:131.30(845)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



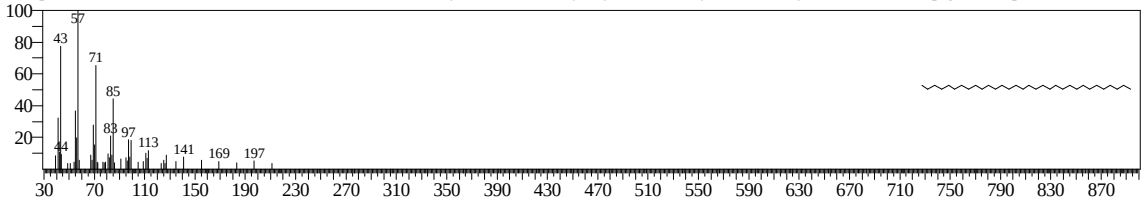
Hit#:1 Entry:58217 Library:Wiley9.lib
SI:65 Formula:C10H18O CAS:89-79-2 MolWeight:154 RetIndex:0
CompName:(-)-Isopulegol $$ Cyclohexanol, 5-methyl-2-(1-methylethenyl)-, [1R-(1.alpha.,2.beta.,5.alpha.)]- (CAS) $$ l-Isopulegol $$ Isopulegol $$ p-Menth-8-



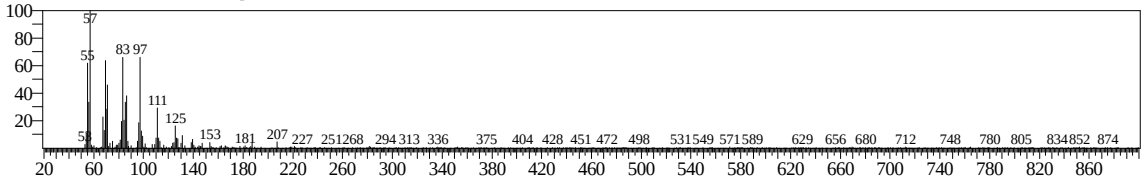
<< Target >>
Line#:59 R.Time:32.292(Scan#:3516) MassPeaks:422
RawMode:Averaged 32.283-32.300(3515-3517) BasePeak:57.20(3150)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



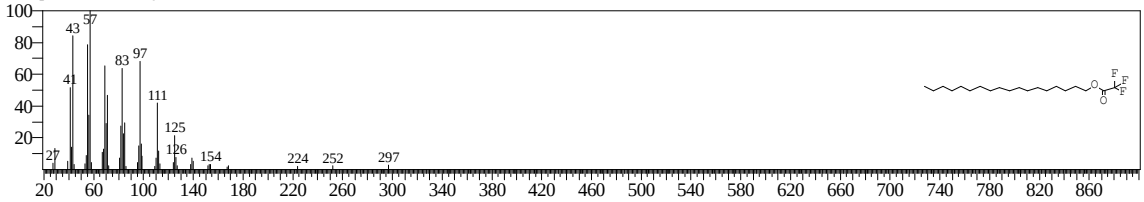
Hit#:1 Entry:589537 Library:Wiley9.lib
SI:82 Formula:C32H66 CAS:544-85-4 MolWeight:450 RetIndex:0
CompName:Dotriacontane (CAS) $$ n-Dotriacontane $$ Bicetyl $$ Tris(trimethylsilyl)ether, methyl ester of ethyl anthranilate azo pigment(.alpha.z) of bilivubin



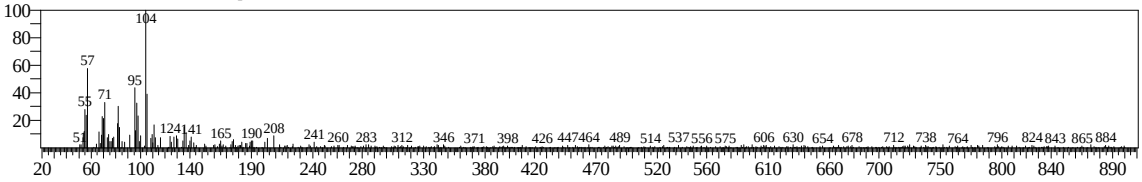
<< Target >>
Line#:60 R.Time:32.475(Scan#:3538) MassPeaks:522
RawMode:Averaged 32.467-32.483(3537-3539) BasePeak:57.15(5070)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



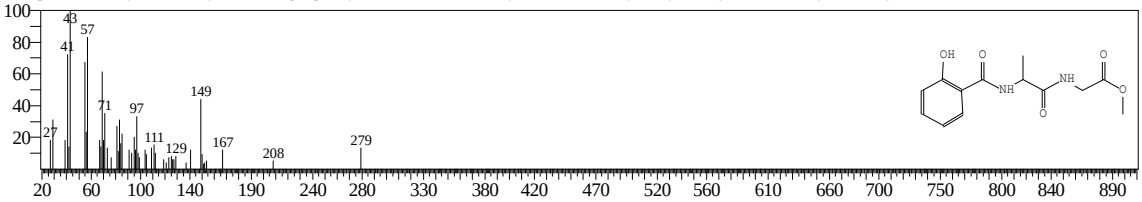
Hit#:1 Entry:241844 Library:NIST17.lib
SI:91 Formula:C20H37F3O2 CAS:79392-43-1 MolWeight:366 RetIndex:2011
CompName:Octadecyl trifluoroacetate



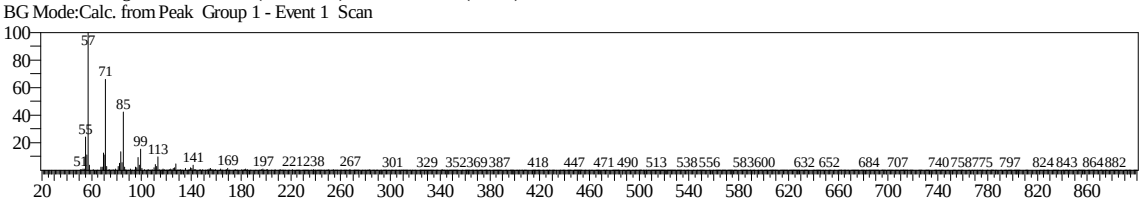
<< Target >>
Line#:61 R.Time:32.617(Scan#:3555) MassPeaks:464
RawMode:Averaged 32.608-32.625(3554-3556) BasePeak:104.25(1451)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



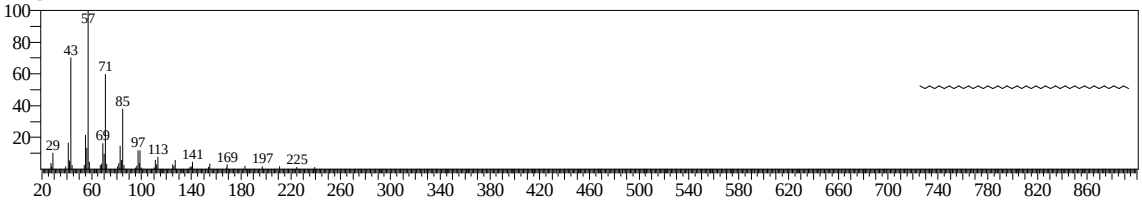
Hit#:1 Entry:328382 Library:Wiley9.lib
SI:66 Formula:C13H16N2O5 CAS:118744-44-8 MolWeight:280 RetIndex:0
CompName:methyl [N-(salicyl)-3-amidepropanoyl]-aminoacetate $$ Glycine, N-[N-(2-hydroxybenzoyl)-.beta.-alanyl]-, methyl ester (CAS) $$ METHYL [N-(S



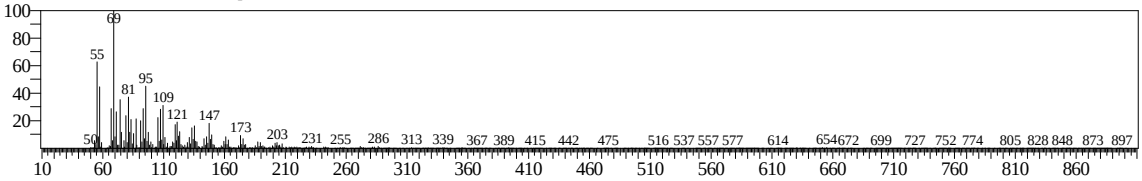
<< Target >>
Line#:62 R.Time:32.867(Scan#:3585) MassPeaks:523
RawMode:Averaged 32.858-32.875(3584-3586) BasePeak:57.15(24831)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



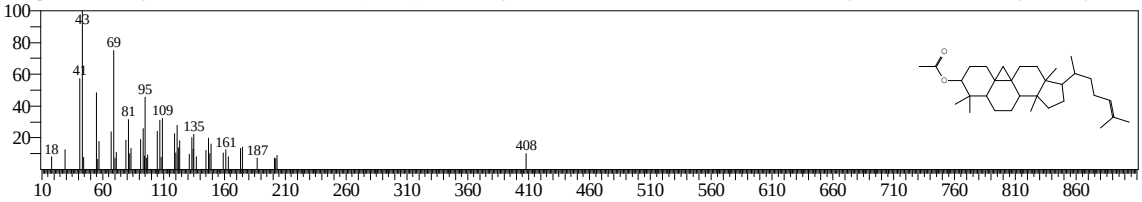
Hit#:1 Entry:303840 Library:NIST17.lib
SI:95 Formula:C44H90 CAS:7098-22-8 MolWeight:618 RetIndex:4395
CompName:Tetratetracontane



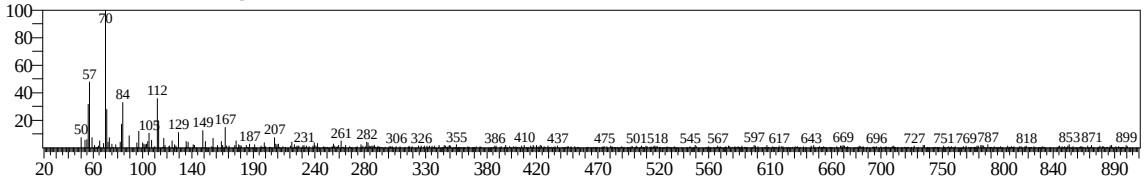
<< Target >>
Line#:63 R.Time:33.375(Scan#:3646) MassPeaks:593
RawMode:Averaged 33.367-33.383(3645-3647) BasePeak:69.20(16859)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



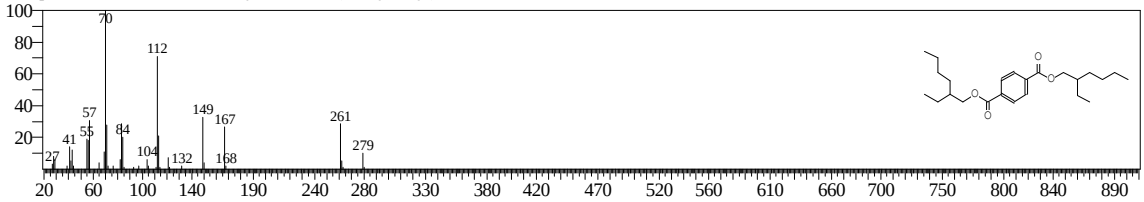
Hit#:1 Entry:138960 Library:NIST147.LIB
SI:83 Formula:C32H52O2 CAS:1259-10-5 MolWeight:468 RetIndex:0
CompName:9,19-Cyclolanost-24-en-3-ol, acetate, (3.beta.)- $$ 9,19-Cyclo-9.beta.-lanost-24-en-3.beta.-ol, acetate $$ Cycloartenol acetate $$ Cycloartenyl aceta



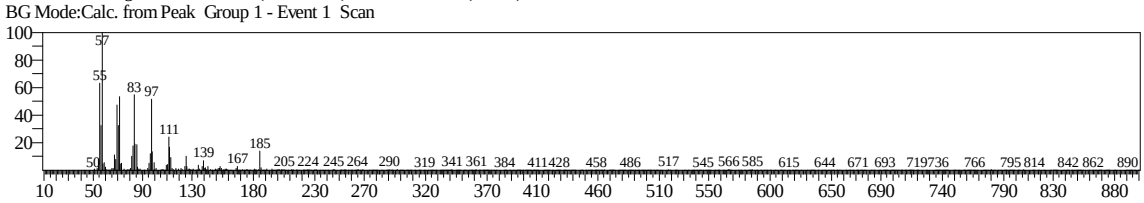
<< Target >>
Line#:64 R.Time:33.592(Scan#:3672) MassPeaks:502
RawMode:Averaged 33.583-33.600(3671-3673) BasePeak:70.20(2004)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



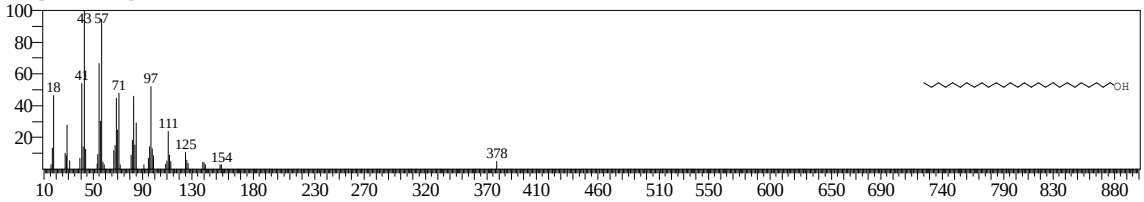
Hit#:1 Entry:259664 Library:NIST17.lib
SI:71 Formula:C24H38O4 CAS:6422-86-2 MolWeight:390 RetIndex:2704
CompName:1,4-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester



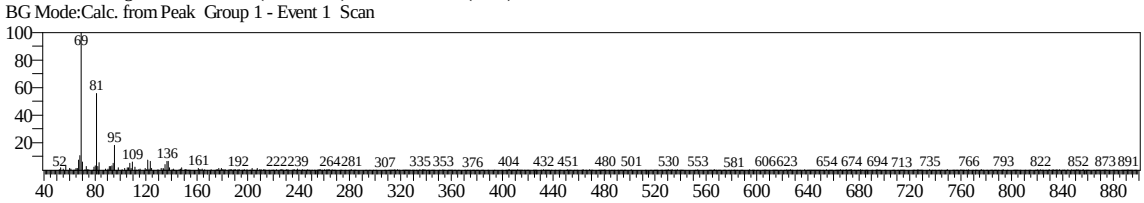
<< Target >>
Line#:65 R.Time:34.358(Scan#:3764) MassPeaks:470
RawMode:Averaged 34.350-34.367(3763-3765) BasePeak:57.15(13215)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



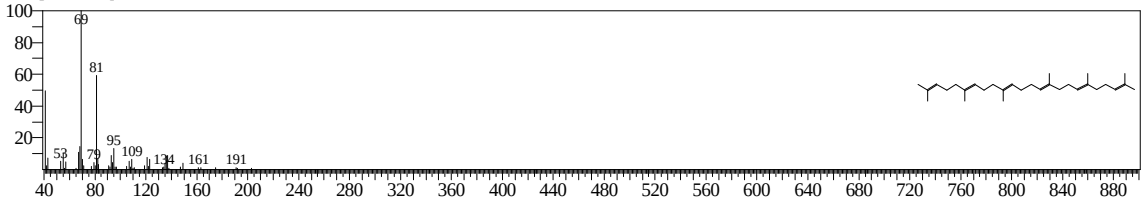
Hit#:1 Entry:263183 Library:NIST17.lib
SI:92 Formula:C27H56O CAS:2004-39-9 MolWeight:396 RetIndex:2948
CompName:1-Heptacosanol



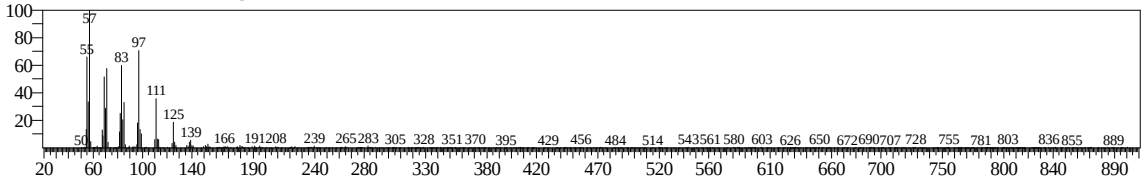
<< Target >>
Line#:66 R.Time:34.600(Scan#:3793) MassPeaks:464
RawMode:Averaged 34.592-34.608(3792-3794) BasePeak:69.20(9432)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



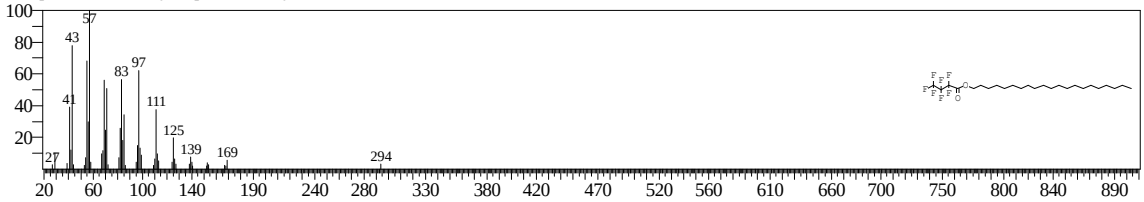
Hit#:1 Entry:26737 Library:NIST27.LIB
SI:88 Formula:C30H50 CAS:7683-64-9 MolWeight:410 RetIndex:0
CompName:Squalene



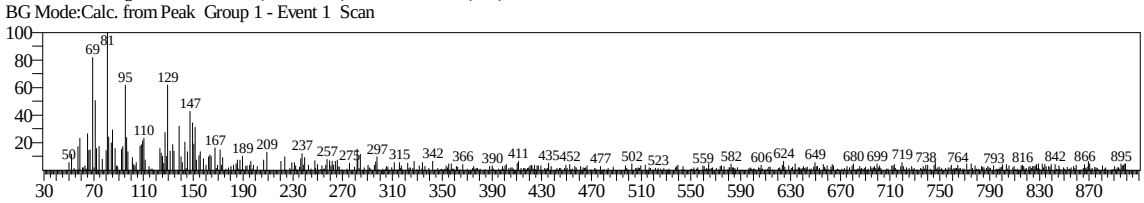
<< Target >>
Line#:67 R.Time:35.517(Scan#:3903) MassPeaks:424
RawMode:Averaged 35.508-35.525(3902-3904) BasePeak:57.15(8477)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



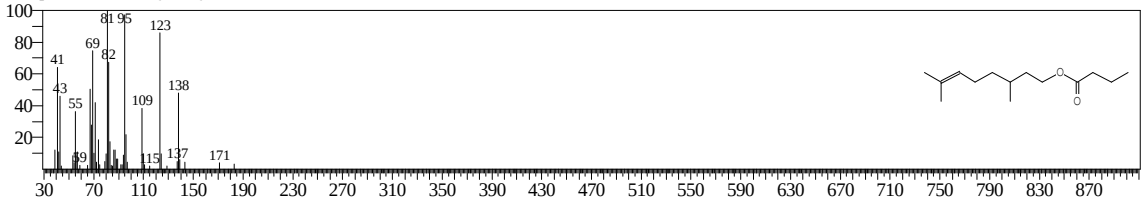
Hit#:1 Entry:297099 Library:NIST17.lib
SI:95 Formula:C25H43F7O2 CAS:0-00-0 MolWeight:508 RetIndex:2230
CompName:Heneicosyl heptafluorobutyrate



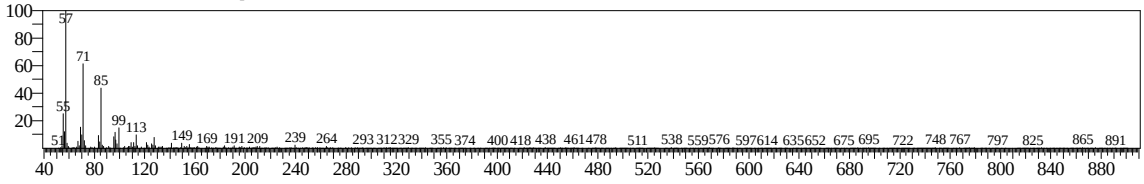
<< Target >>
Line#:68 R.Time:35.692(Scan#:3924) MassPeaks:541
RawMode:Averaged 35.683-35.700(3923-3925) BasePeak:81.20(684)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



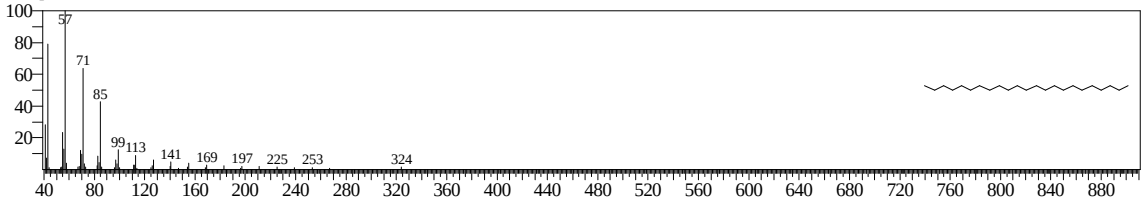
Hit#:1 Entry:98234 Library:NIST17.lib
SI:61 Formula:C14H26O2 CAS:141-16-2 MolWeight:226 RetIndex:1501
CompName:Citronellyl butyrate



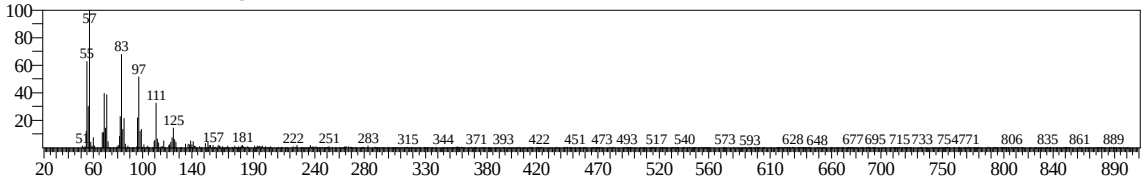
<< Target >>
Line#:69 R.Time:35.925(Scan#:3952) MassPeaks:561
RawMode:Averaged 35.917-35.933(3951-3953) BasePeak:57.20(11380)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



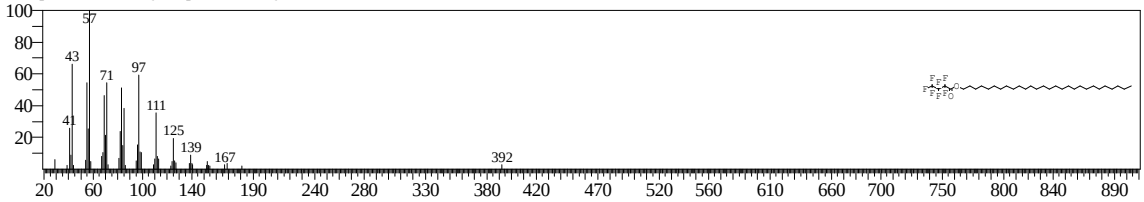
Hit#:1 Entry:268701 Library:WILEY8.LIB
SI:91 Formula:C23H48 CAS:638-67-5 MolWeight:324 RetIndex:0
CompName:TRICOSANE $$ AI3-35917 $$ EINECS 211-347-4 $$ N-TRICOSANE $$ NSC 78487



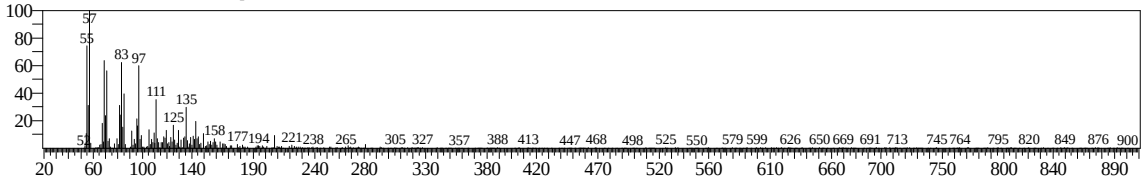
<< Target >>
Line#:70 R.Time:37.600(Scan#:4153) MassPeaks:443
RawMode:Averaged 37.592-37.608(4152-4154) BasePeak:57.20(6375)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



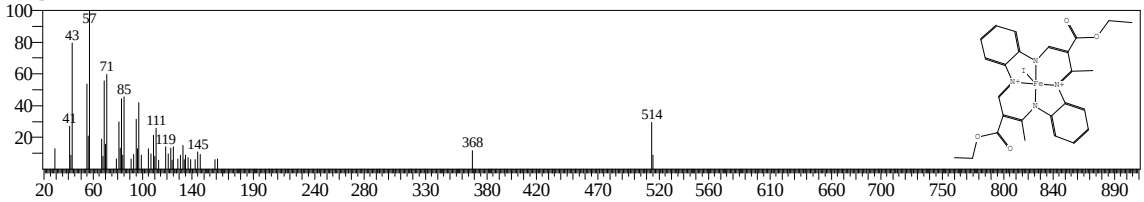
Hit#:1 Entry:303474 Library:NIST17.lib
SI:91 Formula:C32H57F7O2 CAS:0-00-0 MolWeight:606 RetIndex:2926
CompName:Octacosyl heptafluorobutyrate



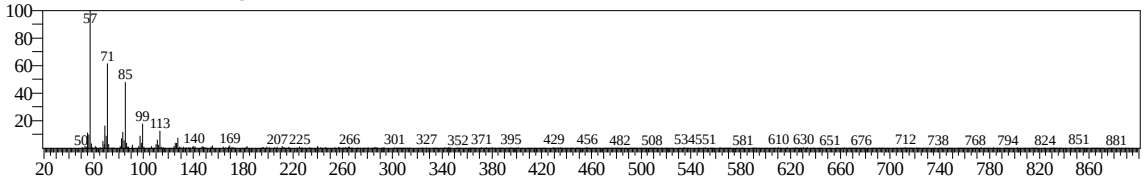
<< Target >>
Line#:71 R.Time:39.175(Scan#:4342) MassPeaks:418
RawMode:Averaged 39.167-39.183(4341-4343) BasePeak:57.20(6637)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



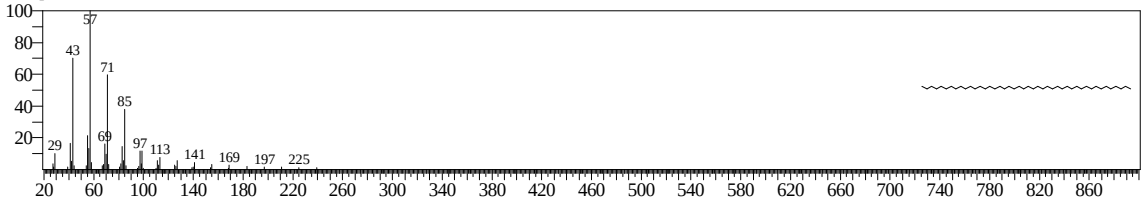
Hit#:1 Entry:392636 Library:WILEY8.LIB
SI:82 Formula:C26H26FeIN4O4 CAS:0-00-0 MolWeight:641 RetIndex:0
CompName:IRON IODIDE COMPLEX I



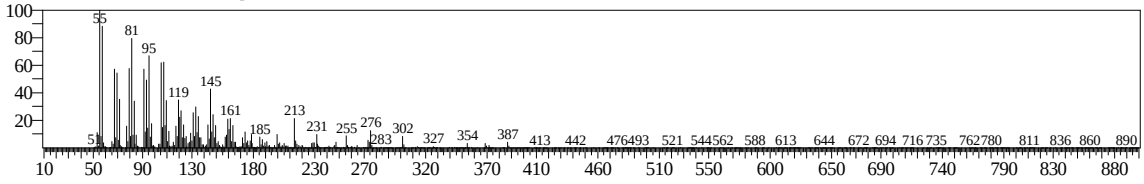
<< Target >>
Line#:72 R.Time:39.717(Scan#:4407) MassPeaks:479
RawMode:Averaged 39.708-39.725(4406-4408) BasePeak:57.20(11614)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



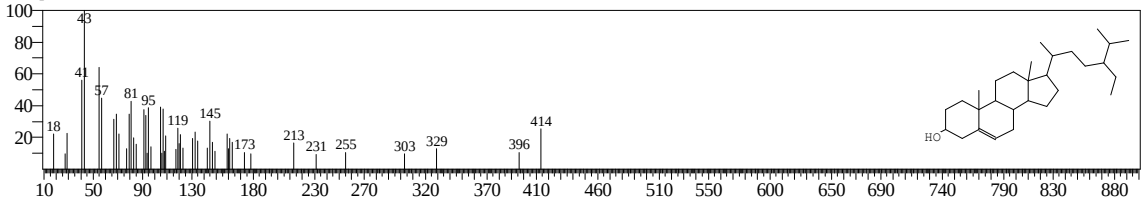
Hit#:1 Entry:303840 Library:NIST17.lib
SI:93 Formula:C44H90 CAS:7098-22-8 MolWeight:618 RetIndex:4395
CompName:Tetratetracontane



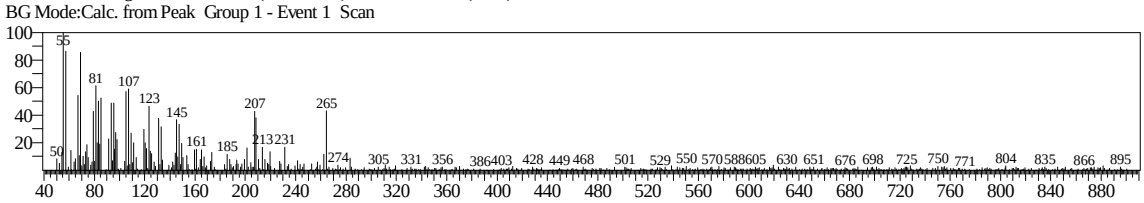
<< Target >>
Line#:73 R.Time:40.308(Scan#:4478) MassPeaks:512
RawMode:Averaged 40.300-40.317(4477-4479) BasePeak:55.15(25433)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



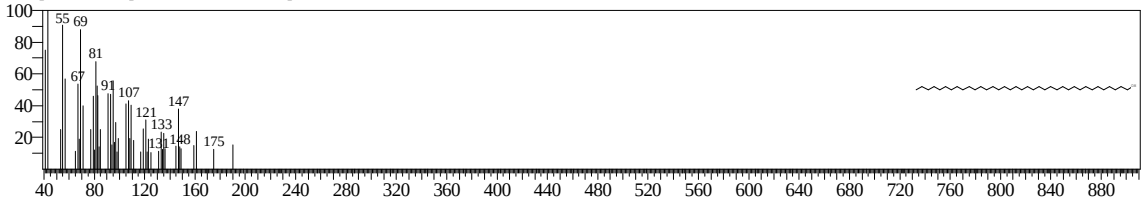
Hit#:1 Entry:272461 Library:NIST17.lib
SI:90 Formula:C29H50O CAS:83-46-5 MolWeight:414 RetIndex:2731
CompName:.beta.-Sitosterol



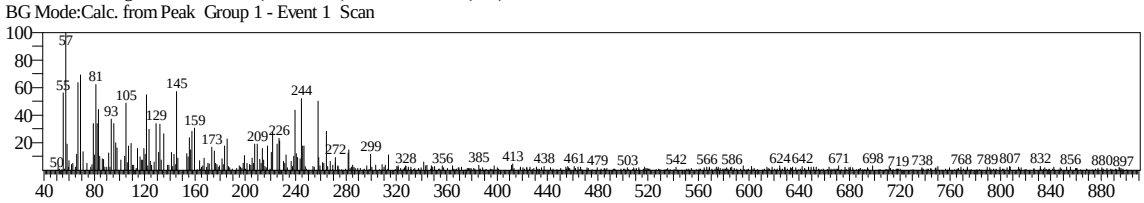
<< Target >>
Line#:74 R.Time:40.725(Scan#:4528) MassPeaks:525
RawMode:Averaged 40.717-40.733(4527-4529) BasePeak:55.15(1180)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



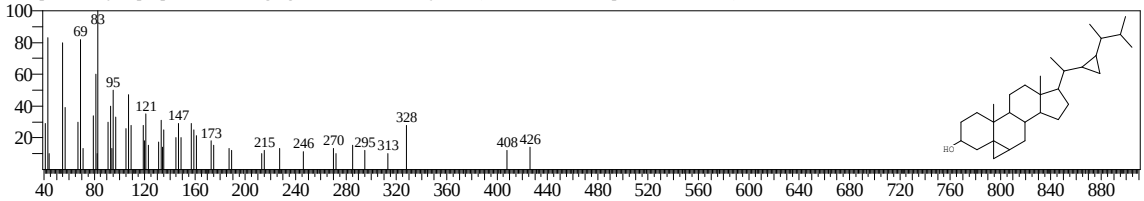
Hit#:1 Entry:143029 Library:NIST147.LIB
SI:74 Formula:C37H76O CAS:105794-58-9 MolWeight:536 RetIndex:0
CompName:1-Heptatriacotanol $$ 1-Heptatriacontanol # $$



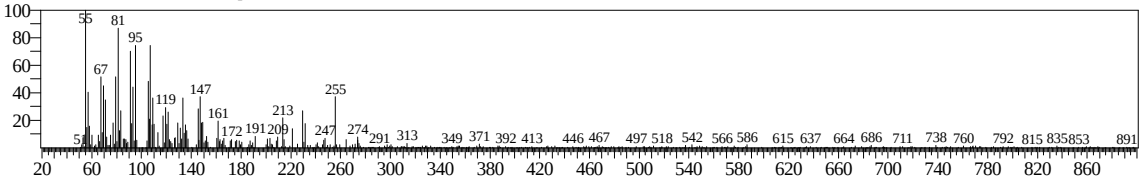
<< Target >>
Line#:75 R.Time:41.567(Scan#:4629) MassPeaks:541
RawMode:Averaged 41.558-41.575(4628-4630) BasePeak:57.15(954)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



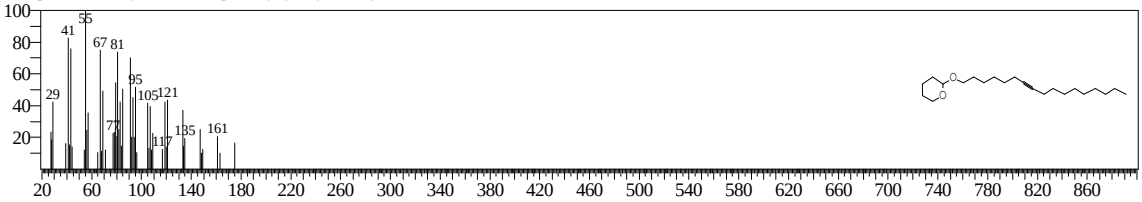
Hit#:1 Entry:277481 Library:NIST17.lib
SI:61 Formula:C30H50O CAS:53761-94-7 MolWeight:426 RetIndex:2719
CompName:Cyclopropa[5,6]-33-norgorgostan-3-ol, 3',6-dihydro-, (3.beta.,5.beta.,6.alpha.,22.xi.,23.xi.)-



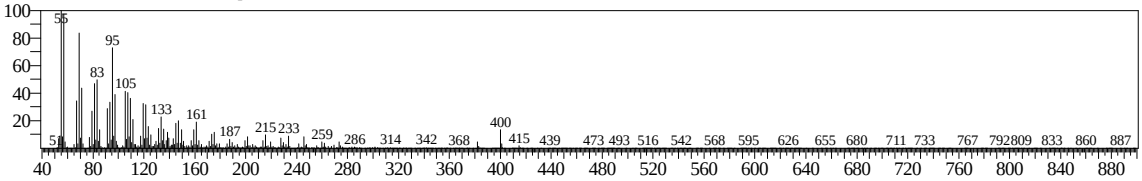
<< Target >>
Line#:76 R.Time:41.692(Scan#:4644) MassPeaks:411
RawMode:Averaged 41.683-41.700(4643-4645) BasePeak:55.15(1940)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



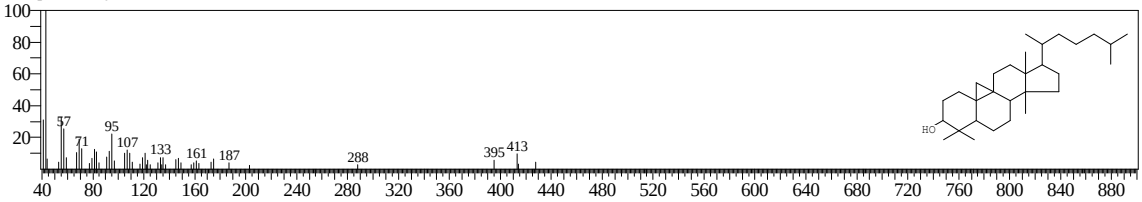
Hit#:1 Entry:215314 Library:NIST17.lib
SI:78 Formula:C22H40O2 CAS:56599-50-9 MolWeight:336 RetIndex:2453
CompName:2H-Pyran, 2-(7-heptadecynyloxy)tetrahydro-



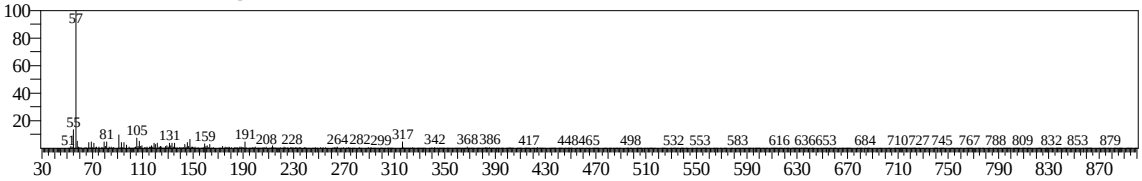
<< Target >>
Line#:77 R.Time:42.117(Scan#:4695) MassPeaks:548
RawMode:Averaged 42.108-42.125(4694-4696) BasePeak:55.15(33668)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



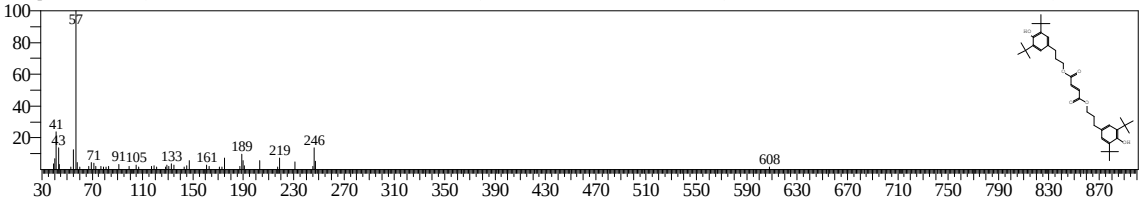
Hit#:1 Entry:26960 Library:NIST27.LIB
SI:83 Formula:C30H52O CAS:4657-58-3 MolWeight:428 RetIndex:0
CompName:Cycloartanol



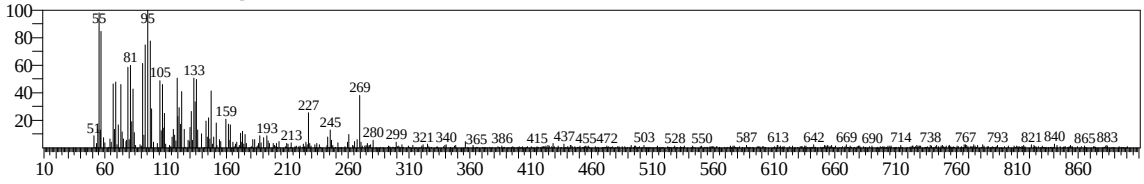
<< Target >>
Line#:78 R.Time:43.025(Scan#:4804) MassPeaks:523
RawMode:Averaged 43.017-43.033(4803-4805) BasePeak:57.15(21736)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



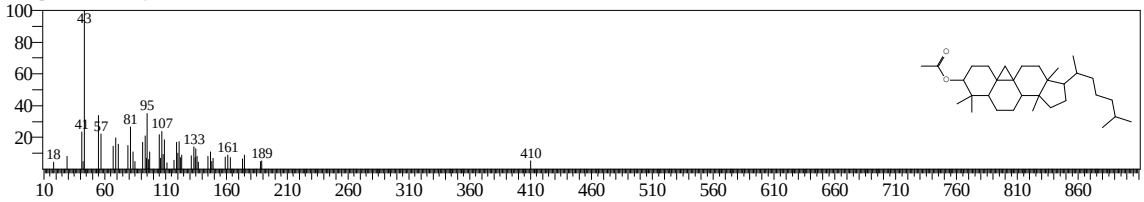
Hit#:1 Entry:390490 Library:WILEY8.LIB
SI:73 Formula:C38H56O6 CAS:0-00-0 MolWeight:608 RetIndex:0
CompName:BIS[3-(3,5-DI-TERT-BUTYL-4-HYDROXYPHENYL)PROPYL] MALEATE $$ BIS[3-(3,5-DITERT-BUTYL-4-HYDROXYPHENYL)PROPYL]



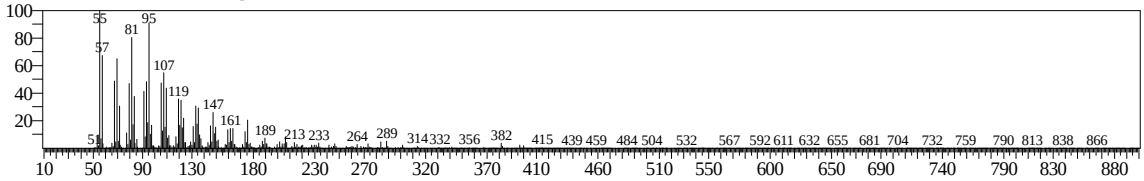
<< Target >>
Line#:79 R.Time:43.392(Scan#:4848) MassPeaks:534
RawMode:Averaged 43.383-43.400(4847-4849) BasePeak:95.25(1514)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:1 Entry:27271 Library:NIST27.LIB
SI:78 Formula:C32H54O2 CAS:4575-74-0 MolWeight:470 RetIndex:0
CompName:9,19-Cyclolanostan-3-ol, acetate, (3.beta.)-



<< Target >>
Line#:80 R.Time:43.742(Scan#:4890) MassPeaks:608
RawMode:Averaged 43.733-43.750(4889-4891) BasePeak:55.15(23529)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Hit#:1 Entry:27271 Library:NIST27.LIB
SI:91 Formula:C32H54O2 CAS:4575-74-0 MolWeight:470 RetIndex:0
CompName:9,19-Cyclolanostan-3-ol, acetate, (3.beta.)-