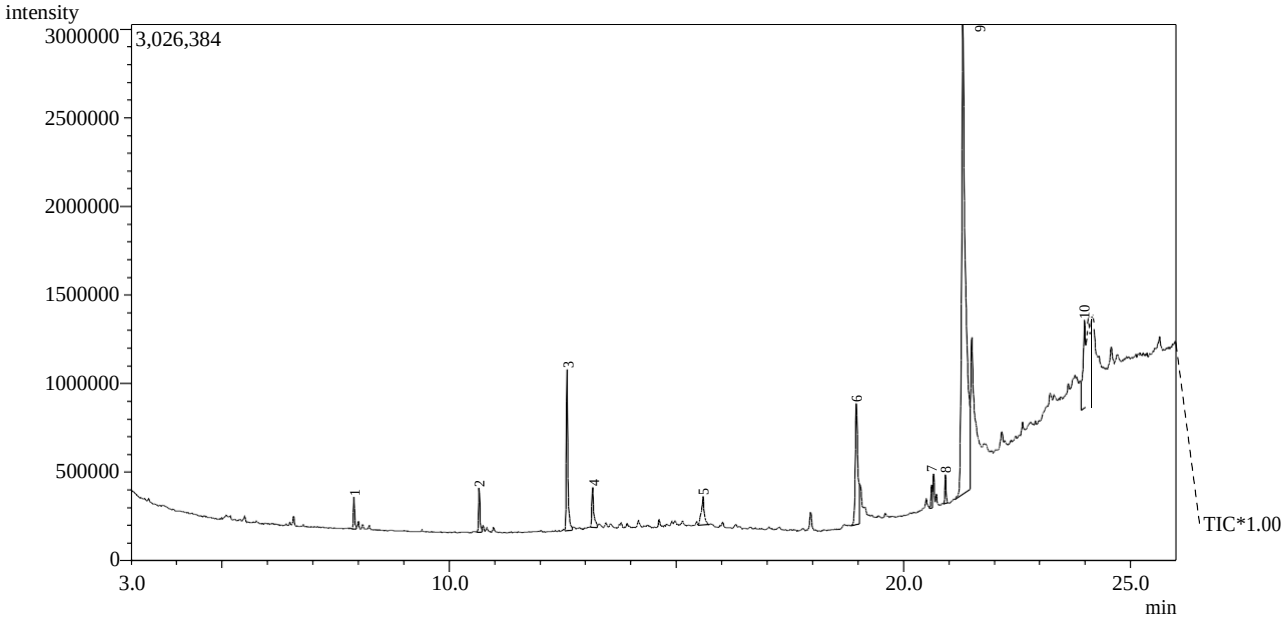
GCMS-QP2010 PLUS
SHIMADZU,JAPAN

USMAN IBE

SAMPLE: 1E

Chromatogram IBE Sample :\GCMSsolution\Data\USMAN IBE\IBE001.qgd



Method

[Comment]

===== Analytical Line 1 =====

[AOC-20i]

# of Rinses with Presolvent	4
# of Rinses with Solvent(post)	4
# of Rinses with Sample	3
Plunger Speed(Suction)	:High
Viscosity Comp. Time	:0.2 sec
Plunger Speed(Injection)	:High
Syringe Insertion Speed	:High
Injection Mode	:Normal
Pumping Times	5
Inj. Port Dwell Time	:0.3 sec
Terminal Air Gap	:No
Plunger Washing Speed	:High
Washing Volume	:8uL
Syringe Suction Position	:0.0 mm
Syringe Injection Position	:0.0 mm
Use 3 Solvent Vial	:1 vial

[GC-2010]

Column Oven Temp.	:70.0 °C
Injection Temp.	:250.00 °C
Injection Mode	:Split
Flow Control Mode	:Linear Velocity
Pressure	:104.1 kPa
Total Flow	:6.2 mL/min
Column Flow	:1.59 mL/min
Linear Velocity	:46.3 cm/sec
Purge Flow	:3.0 mL/min
Split Ratio	:1.0
High Pressure Injection	:OFF
Carrier Gas Saver	:OFF
Splitter Hold	:OFF

Oven Temp. Program

Rate	Temperature(°C)	Hold Time(min)
-	70.0	1.00
10.00	200.0	4.00
15.00	280.0	4.00

< Ready Check Heat Unit >
Column Oven : Yes
SPL2 : Yes
MS : Yes
< Ready Check Detector(FTD) >
< Ready Check Baseline Drift >
< Ready Check Injection Flow >
SPL2 Carrier : Yes
SPL2 Purge : Yes
< Ready Check APC Flow >
< Ready Check Detector APC Flow >
External Wait :No
Equilibrium Time :3.0 min

[GC Program]

[GCMS-QP2010 Plus]
IonSourceTemp :200.00 °C
Interface Temp. :250.00 °C
Solvent Cut Time :2.50 min
Detector Gain Mode :Relative
Detector Gain :0.00 kV
Threshold :2000

[MS Table]
--Group 1 - Event 1--
Start Time :3.00min
End Time :26.00min
ACQ Mode :Scan
Event Time :0.50sec
Scan Speed :1666
Start m/z :40.00
End m/z :800.00

Sample Inlet Unit :GC

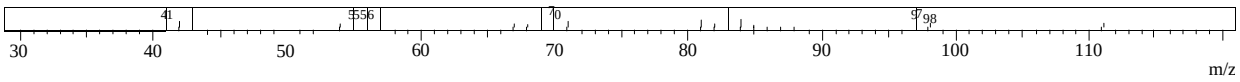
[MS Program]
Use MS Program :OFF

Peak Report TIC

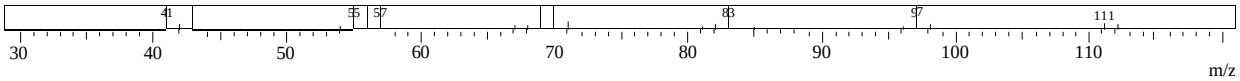
Peak#	R.Time	I.Time	F.Time	Area	Area%	Height	Height%	A/H	Mark	Name
1	7.905	7.858	7.958	355409	1.36	179787	3.07	1.98		
2	10.661	10.617	10.717	526759	2.02	249532	4.26	2.11	V	
3	12.592	12.542	12.708	2212537	8.48	911695	15.57	2.43	V	
4	13.158	13.100	13.267	664941	2.55	225057	3.84	2.95		
5	15.590	15.475	15.725	715510	2.74	161138	2.75	4.44	V	
6	18.963	18.850	19.033	2880244	11.03	684899	11.70	4.21	V	
7	20.623	20.575	20.642	296033	1.13	130525	2.23	2.27	V	
8	20.925	20.883	20.975	330220	1.27	162722	2.78	2.03		
9	21.311	21.133	21.467	16087281	61.63	2649340	45.25	6.07		
10	23.985	23.908	24.017	2032274	7.79	499662	8.53	4.07	V	
				26101208	100.00	5854357	100.00			

Spectrum

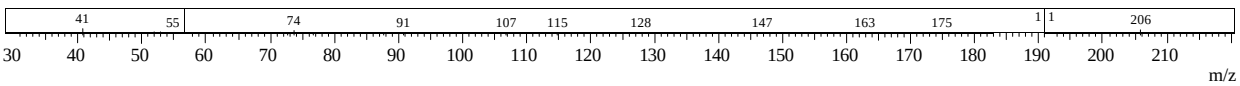
Line#:1 R.Time:7.9(Scan#:590)
MassPeaks:25
RawMode:Single 7.9(590) BasePeak:55(6913)
BG Mode:7.9(591) Group 1 - Event 1



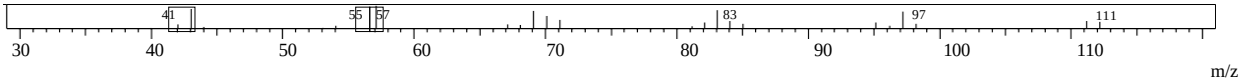
Line#:2 R.Time:10.7(Scan#:920)
MassPeaks:28
RawMode:Single 10.7(920) BasePeak:55(11684)
BG Mode:10.7(922) Group 1 - Event 1



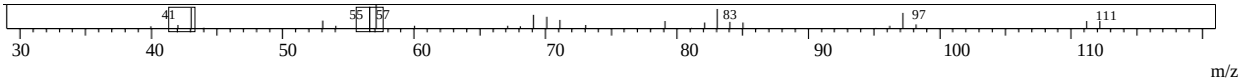
Line#:3 R.Time:12.6(Scan#:1152)
MassPeaks:72
RawMode:Single 12.6(1152) BasePeak:191(156549)
BG Mode:12.6(1156) Group 1 - Event 1



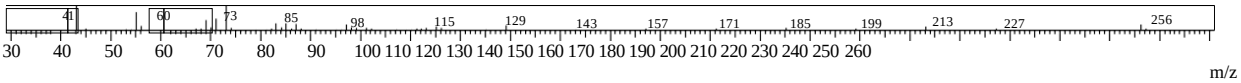
Line#:4 R.Time:13.2(Scan#:1220)
MassPeaks:27
RawMode:Single 13.2(1220) BasePeak:55(9576)
BG Mode:13.2(1222) Group 1 - Event 1



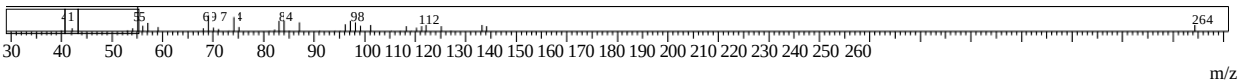
Line#:5 R.Time:15.6(Scan#:1512)
MassPeaks:30
RawMode:Single 15.6(1512) BasePeak:57(6583)
BG Mode:15.6(1514) Group 1 - Event 1



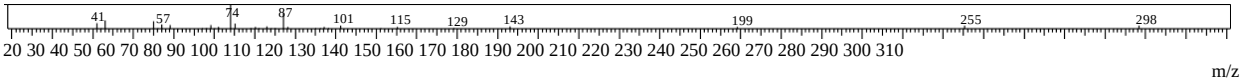
Line#:6 R.Time:19.0(Scan#:1917)
MassPeaks:62
RawMode:Single 19.0(1917) BasePeak:73(36097)
BG Mode:19.0(1922) Group 1 - Event 1



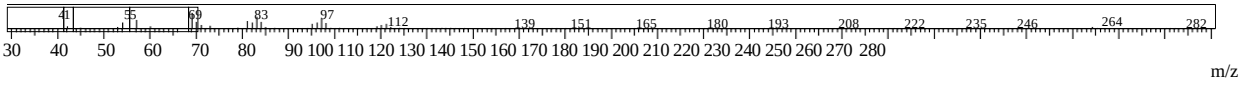
Line#:7 R.Time:20.7(Scan#:2121)
MassPeaks:48
RawMode:Single 20.7(2121) BasePeak:55(10434)
BG Mode:20.6(2118) Group 1 - Event 1



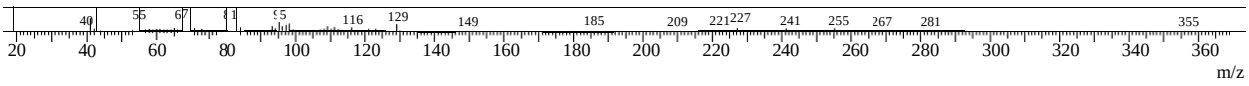
Line#:8 R.Time:20.9(Scan#:2152)
MassPeaks:44
RawMode:Single 20.9(2152) BasePeak:74(27083)
BG Mode:20.9(2155) Group 1 - Event 1



Line#:9 R.Time:21.3(Scan#:2198)
MassPeaks:105
RawMode:Single 21.3(2198) BasePeak:55(152013)
BG Mode:21.4(2206) Group 1 - Event 1



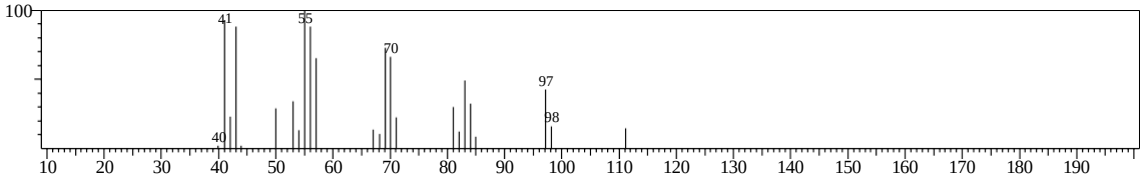
Line#:10 R.Time:24.0(Scan#:2519)
MassPeaks:89
RawMode:Single 24.0(2519) BasePeak:55(16852)
BG Mode:24.0(2524) Group 1 - Event 1



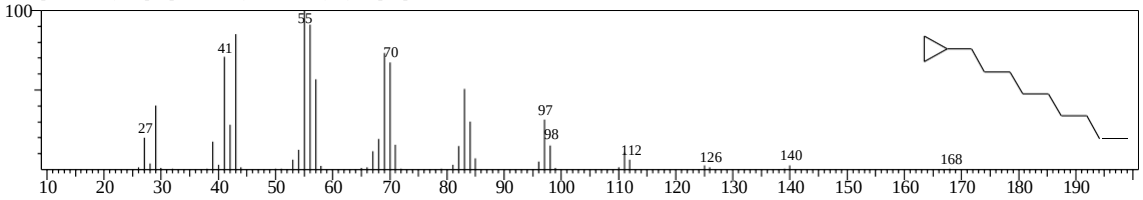
Spectrum Comparison

Library

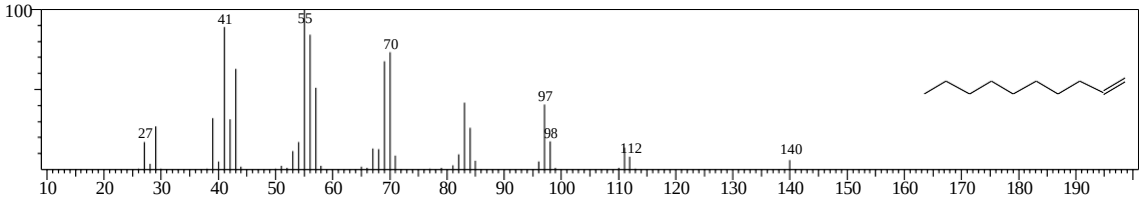
<< Target >>
Line#:1 R.Time:7.908(Scan#:590) MassPeaks:25
RawMode:Single 7.908(590) BasePeak:55.05(6913)
BG Mode:7.917(591) Group 1 - Event 1



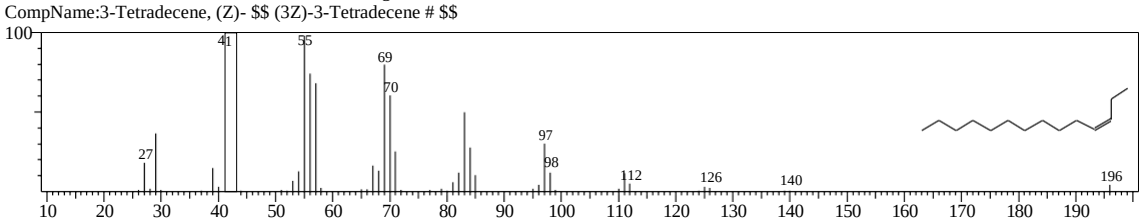
Hit#:1 Entry:23823 Library:NIST05.LIB
SI:93 Formula:C12H24 CAS:74663-85-7 MolWeight:168 RetIndex:1216
CompName:Cyclopropane, nonyl- $$ Nonylcyclopropane # $$



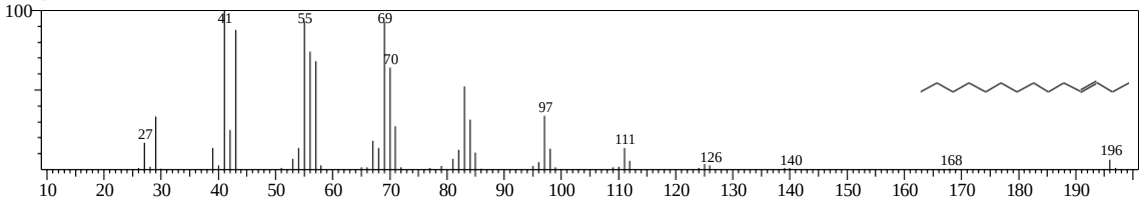
Hit#:2 Entry:6928 Library:NIST05s.LIB
SI:93 Formula:C10H20 CAS:872-05-9 MolWeight:140 RetIndex:1005
CompName:1-Decene $$ n-1-Decene $$ Dec-1-ene $$ 1-C10H20 $$ Decylene $$ .alpha.-Decene $$ 1-n-Decene $$ Decene-1, dec-1-ene $$ Neodene 10 $$



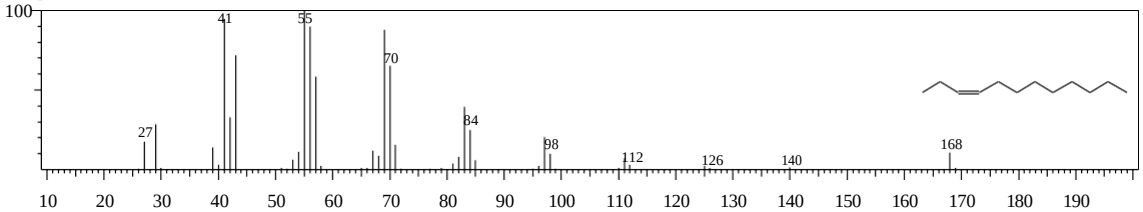
Hit#:3 Entry:39067 Library:NIST05.LIB
SI:92 Formula:C14H28 CAS:41446-67-7 MolWeight:196 RetIndex:1421
CompName:3-Tetradecene, (Z)- $$ (3Z)-3-Tetradecene # $$



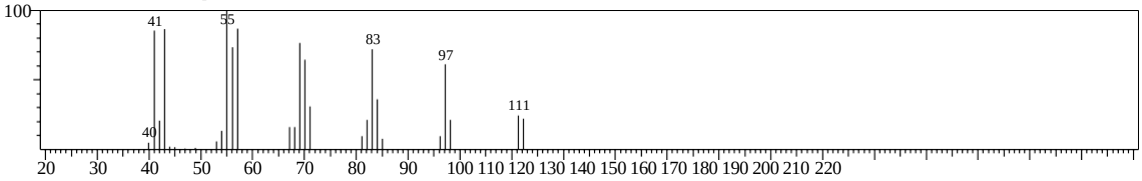
Hit#:4 Entry:15745 Library:NIST05s.LIB
SI:92 Formula:C14H28 CAS:41446-68-8 MolWeight:196 RetIndex:1421
CompName:3-Tetradecene, (E)- $$ (3E)-3-Tetradecene # $$



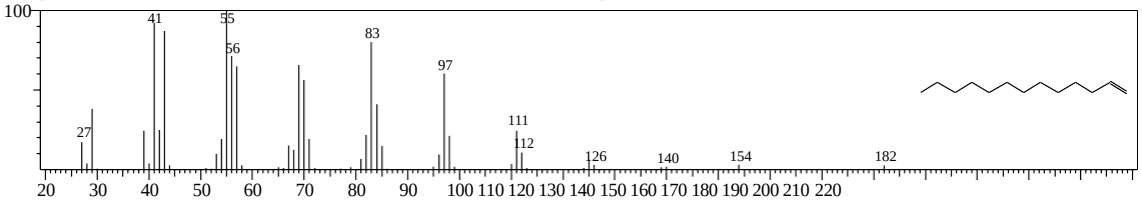
Hit#:5 Entry:23815 Library:NIST05.LIB
SI:92 Formula:C12H24 CAS:7239-23-8 MolWeight:168 RetIndex:1222
CompName:3-Dodecene, (E)- $$ trans-3-Dodecene $$ (3Z)-3-Dodecene # $$



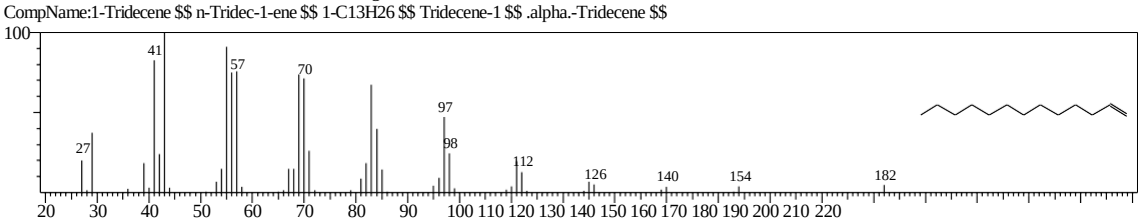
<< Target >>
Line#:2 R.Time:10.658(Scan#:920) MassPeaks:28
RawMode:Single 10.658(920) BasePeak:55.05(11684)
BG Mode:10.675(922) Group 1 - Event 1



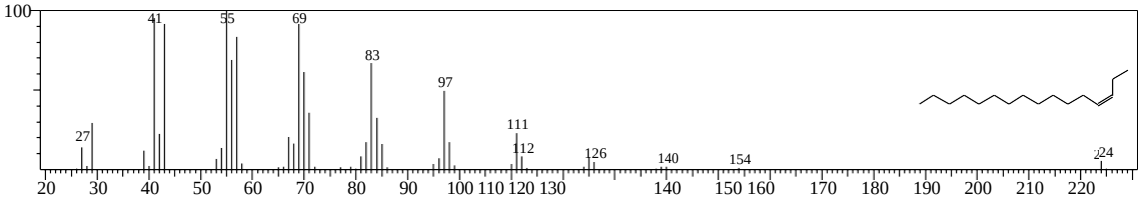
Hit#:1 Entry:13797 Library:NIST05s.LIB
SI:95 Formula:C13H26 CAS:2437-56-1 MolWeight:182 RetIndex:1304
CompName:1-Tridecene $$ n-Tridec-1-ene $$ 1-C13H26 $$ Tridecene-1 $$ .alpha.-Tridecene $$



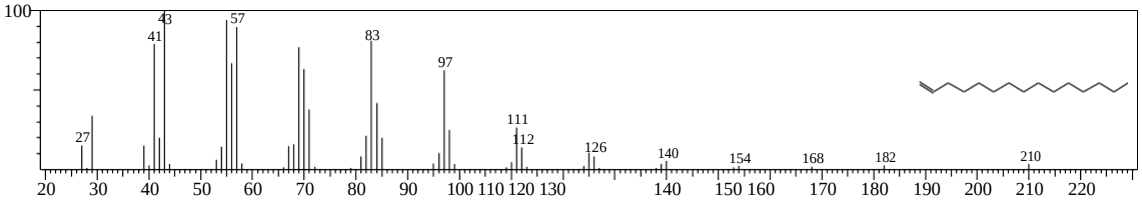
Hit#:2 Entry:31316 Library:NIST05.LIB
SI:94 Formula:C13H26 CAS:2437-56-1 MolWeight:182 RetIndex:1304
CompName:1-Tridecene $$ n-Tridec-1-ene $$ 1-C13H26 $$ Tridecene-1 $$ .alpha.-Tridecene $$



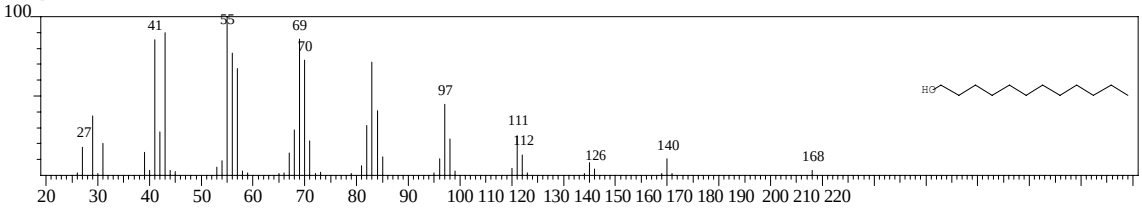
Hit#:3 Entry:55854 Library:NIST05.LIB
SI:94 Formula:C16H32 CAS:34303-81-6 MolWeight:224 RetIndex:1620
CompName:3-Hexadecene, (Z)- $$ (3Z)-3-Hexadecene # $$



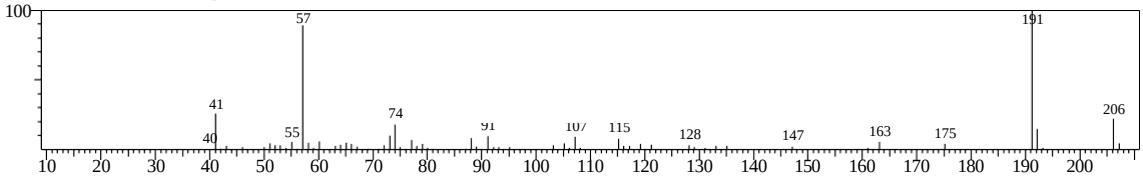
Hit#:4 Entry:17440 Library:NIST05s.LIB
SI:94 Formula:C15H30 CAS:13360-61-7 MolWeight:210 RetIndex:1502
CompName:1-Pentadecene $$ Pentadecene,1- $$ Pentadec-1-ene $$



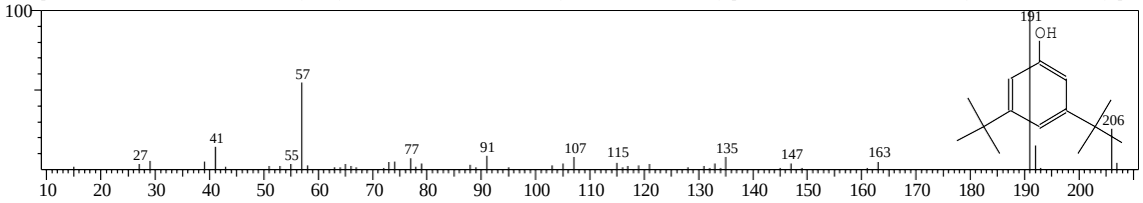
Hit#:5 Entry:14421 Library:NIST05s.LIB
SI:94 Formula:C12H26O CAS:112-53-8 MolWeight:186 RetIndex:1457
CompName:1-Dodecanol $$ Dodecyl alcohol $$ n-Dodecan-1-ol $$ n-Dodecanol $$ n-Dodecyl alcohol $$ Alcohol C-12 $$ Alfol 12 $$ CO 12 $$ Dodecanol-1



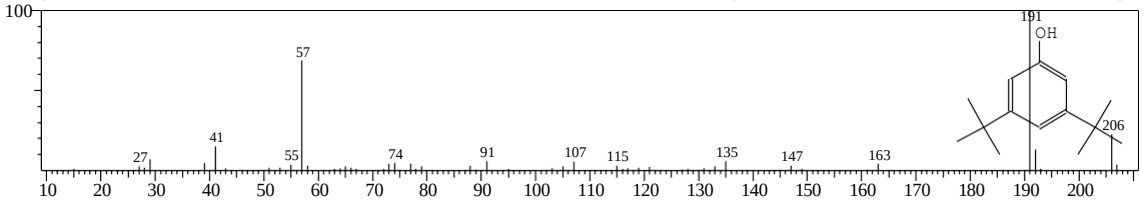
<< Target >>
Line#:3 R.Time:12.592(Scan#:1152) MassPeaks:72
RawMode:Single 12.592(1152) BasePeak:191.20(156549)
BG Mode:12.625(1156) Group 1 - Event 1



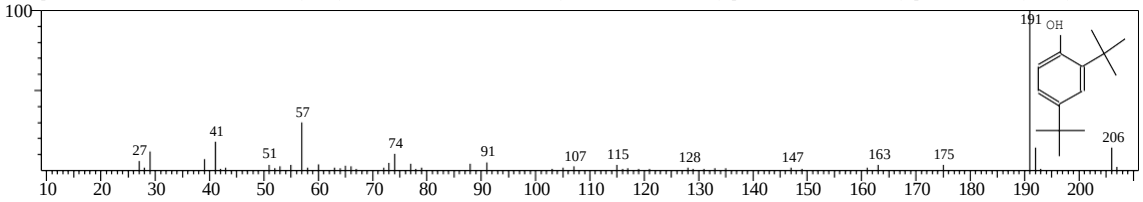
Hit#:1 Entry:16995 Library:NIST05s.LIB
SI:89 Formula:C14H22O CAS:1138-52-9 MolWeight:206 RetIndex:1555
CompName:Phenol, 3,5-bis(1,1-dimethylethyl)- $$ Phenol, 3,5-di-tert-butyl- $$ 3,5-Di-tert-butylphenol $$ Phenol, 3,5-bis(t-butyl) $$ 3,5-Di-t-butylphenol $$



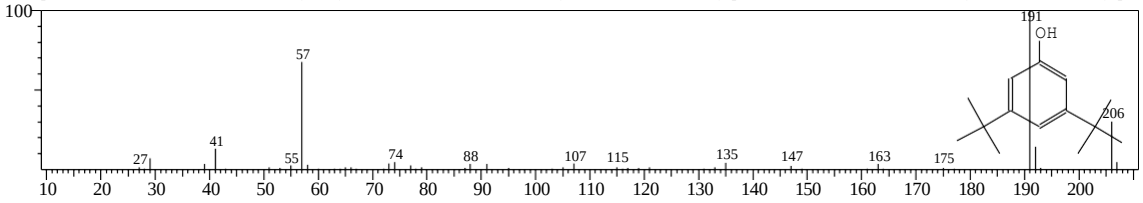
Hit#:2 Entry:16997 Library:NIST05s.LIB
SI:89 Formula:C14H22O CAS:1138-52-9 MolWeight:206 RetIndex:1555
CompName:Phenol, 3,5-bis(1,1-dimethylethyl)- $$ Phenol, 3,5-di-tert-butyl- $$ 3,5-Di-tert-butylphenol $$ Phenol, 3,5-bis(t-butyl) $$ 3,5-Di-t-butylphenol $$



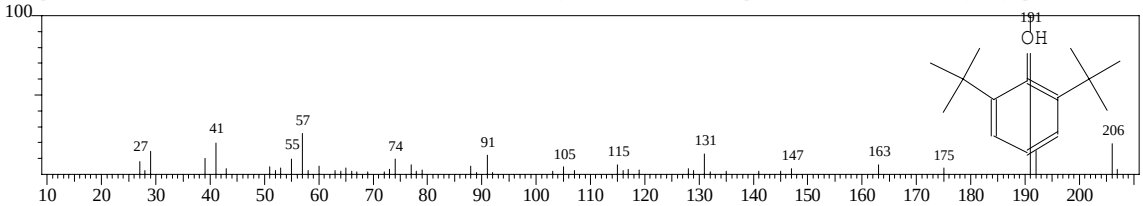
Hit#:3 Entry:16991 Library:NIST05s.LIB
SI:87 Formula:C14H22O CAS:96-76-4 MolWeight:206 RetIndex:1555
CompName:Phenol, 2,4-bis(1,1-dimethylethyl)- $$ Phenol, 2,4-di-tert-butyl- $$ 2,4-Di-tert-butylphenol $$ 2,4-di-t-Butylphenol $$ 1-Hydroxy-2,4-di-tert-butyl



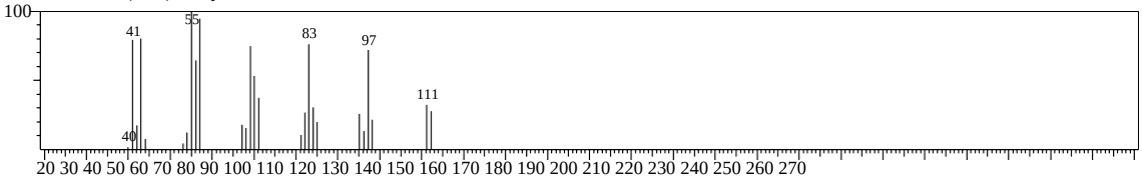
Hit#:4 Entry:44735 Library:NIST05.LIB
SI:87 Formula:C14H22O CAS:1138-52-9 MolWeight:206 RetIndex:1555
CompName:Phenol, 3,5-bis(1,1-dimethylethyl)- $$ Phenol, 3,5-di-tert-butyl- $$ 3,5-Di-tert-butylphenol $$ Phenol, 3,5-bis(t-butyl) $$ 3,5-Di-t-butylphenol $$



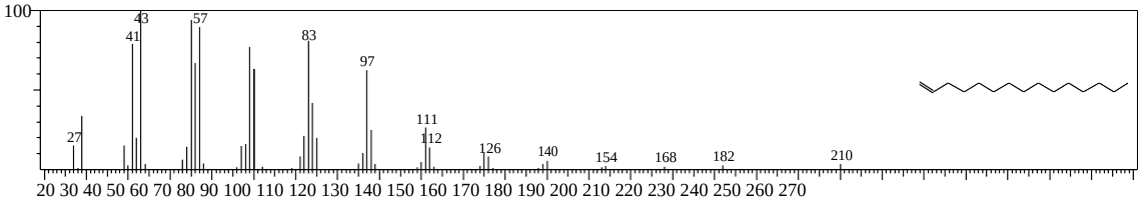
Hit#:5 Entry:16990 Library:NIST05s.LIB
SI:87 Formula:C14H22O CAS:128-39-2 MolWeight:206 RetIndex:1555
CompName:Phenol, 2,6-bis(1,1-dimethylethyl)- $$ Phenol, 2,6-di-tert-butyl- $$ 2,6-Bis(tert-butyl)phenol $$ 2,6-Bis(1,1-dimethylethyl)phenol $$ 2,6-Di-tert-bu



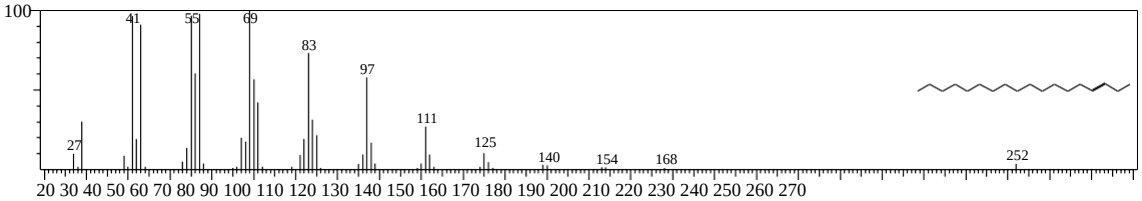
<< Target >>
Line#:4 R.Time:13.158(Scan#:1220) MassPeaks:27
RawMode:Single 13.158(1220) BasePeak:55.05(9576)
BG Mode:13.175(1222) Group 1 - Event 1



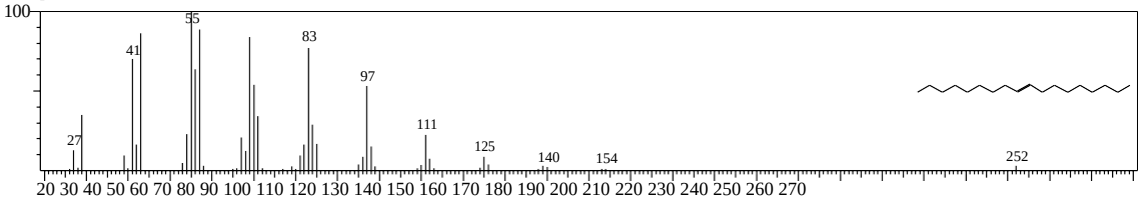
Hit#:1 Entry:17440 Library:NIST05s.LIB
SI:94 Formula:C15H30 CAS:13360-61-7 MolWeight:210 RetIndex:1502
CompName:1-Pentadecene $$ Pentadecene,1- $$ Pentadec-1-ene $$



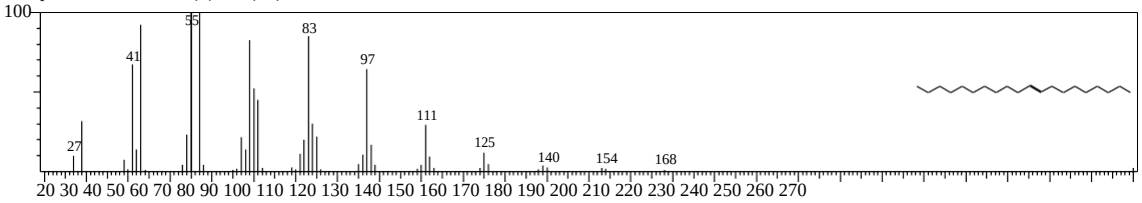
Hit#:2 Entry:72615 Library:NIST05.LIB
SI:93 Formula:C18H36 CAS:7206-19-1 MolWeight:252 RetIndex:1818
CompName:3-Octadecene, (E)- $$ (3E)-3-Octadecene # $$



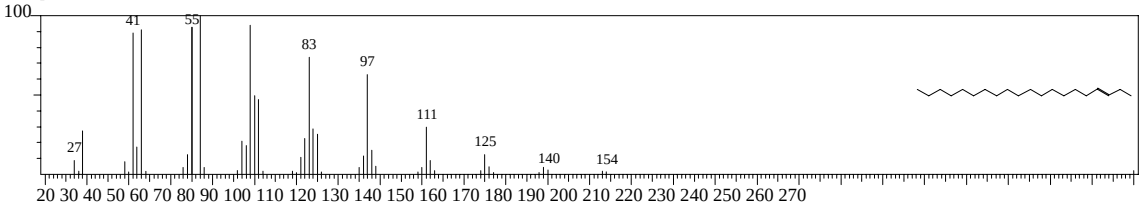
Hit#:3 Entry:72607 Library:NIST05.LIB
SI:93 Formula:C18H36 CAS:7206-25-9 MolWeight:252 RetIndex:1818
CompName:9-Octadecene, (E)- $$ (9E)-9-Octadecene # $$



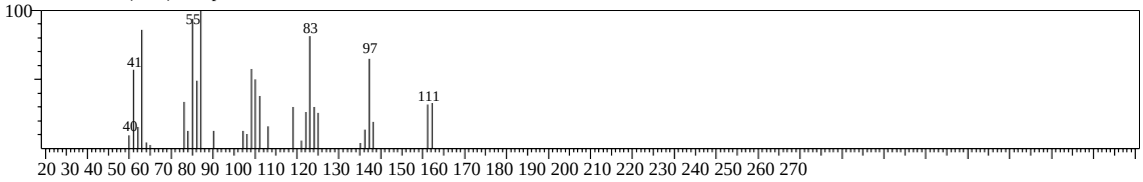
Hit#:4 Entry:89386 Library:NIST05.LIB
SI:93 Formula:C20H40 CAS:74685-29-3 MolWeight:280 RetIndex:2017
CompName:9-Eicosene, (E)- $$ (9E)-9-Icosene # $$



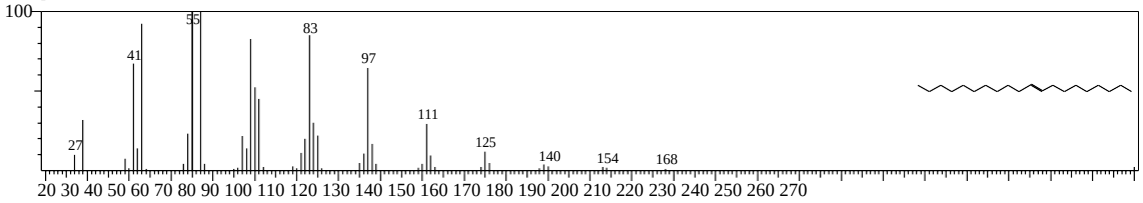
Hit#:5 Entry:89387 Library:NIST05.LIB
SI:93 Formula:C20H40 CAS:74685-33-9 MolWeight:280 RetIndex:2017
CompName:3-Eicosene, (E)- $$ (3E)-3-Icosene # $$



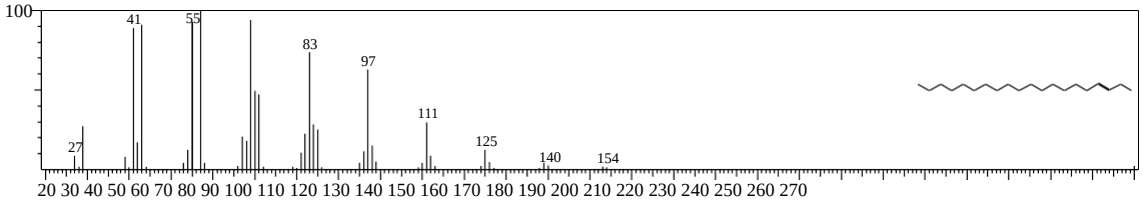
<< Target >>
Line#:5 R.Time:15.592(Scan#:1512) MassPeaks:30
RawMode:Single 15.592(1512) BasePeak:57.10(6583)
BG Mode:15.608(1514) Group 1 - Event 1



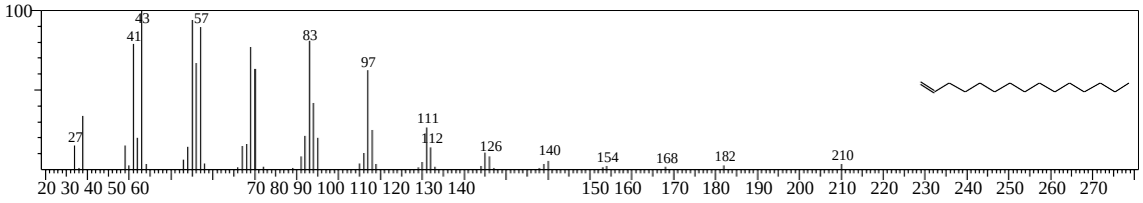
Hit#:1 Entry:89386 Library:NIST05.LIB
SI:91 Formula:C20H40 CAS:74685-29-3 MolWeight:280 RetIndex:2017
CompName:9-Eicosene, (E)- $$ (9E)-9-Icosene # $$



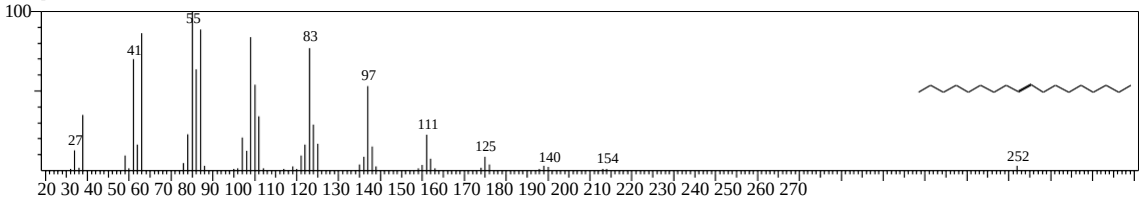
Hit#:2 Entry:89387 Library:NIST05.LIB
SI:90 Formula:C20H40 CAS:74685-33-9 MolWeight:280 RetIndex:2017
CompName:3-Eicosene, (E)- $$ (3E)-3-Icosene # $$



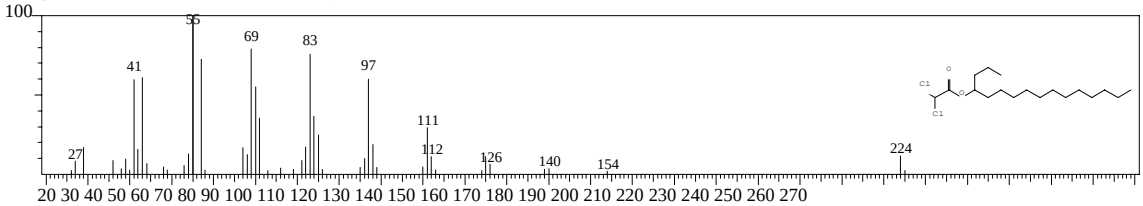
Hit#:3 Entry:17440 Library:NIST05s.LIB
SI:90 Formula:C15H30 CAS:13360-61-7 MolWeight:210 RetIndex:1502
CompName:1-Pentadecene $$ Pentadecene,1- $$ Pentadec-1-ene $$



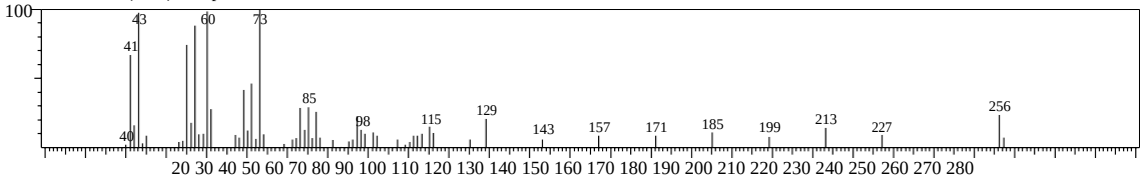
Hit#:4 Entry:72607 Library:NIST05.LIB
SI:90 Formula:C18H36 CAS:7206-25-9 MolWeight:252 RetIndex:1818
CompName:9-Octadecene, (E)- $$ (9E)-9-Octadecene # $$



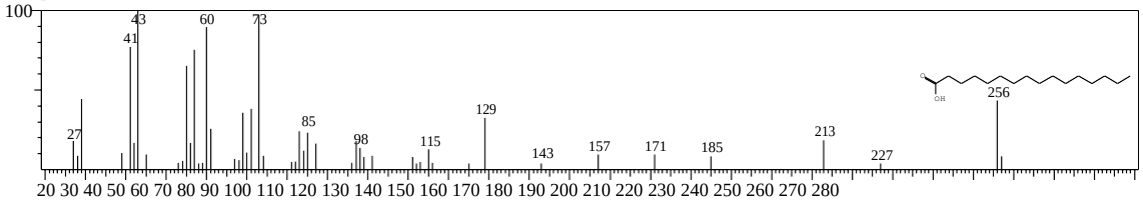
Hit#:5 Entry:127954 Library:NIST05.LIB
SI:90 Formula:C18H34Cl2O2 CAS:0-00-0 MolWeight:352 RetIndex:2259
CompName:Dichloroacetic acid, 4-hexadecyl ester



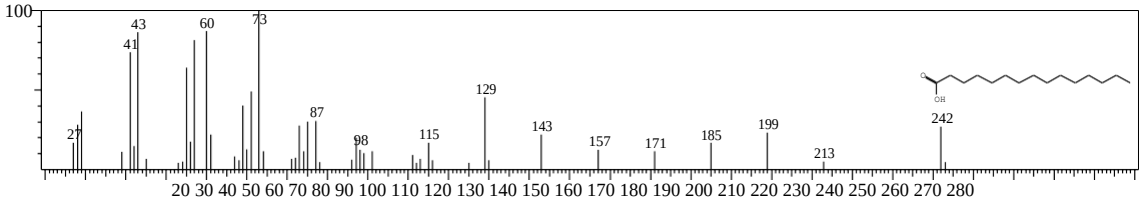
<< Target >>
Line#:6 R.Time:18.967(Scan#:1917) MassPeaks:62
RawMode:Single 18.967(1917) BasePeak:73.05(36097)
BG Mode:19.008(1922) Group 1 - Event 1



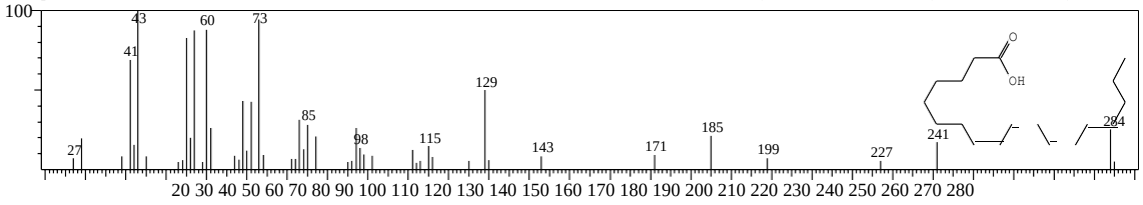
Hit#:1 Entry:21331 Library:NIST05s.LIB
SI:93 Formula:C16H32O2 CAS:57-10-3 MolWeight:256 RetIndex:1968
CompName:n-Hexadecanoic acid $$ Hexadecanoic acid $$ n-Hexadecoic acid $$ Palmitic acid $$ Pentadecanecarboxylic acid $$ 1-Pentadecanecarboxylic acid



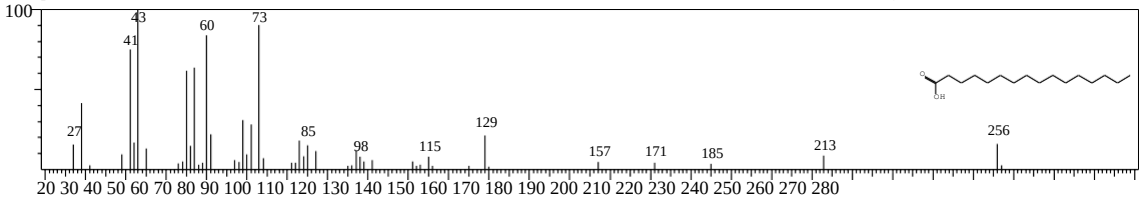
Hit#:2 Entry:20371 Library:NIST05s.LIB
SI:90 Formula:C15H30O2 CAS:1002-84-2 MolWeight:242 RetIndex:1869
CompName:Pentadecanoic acid $$ Pentadecylic acid $$ n-Pentadecanoic acid $$ n-Pentadecylic acid $$



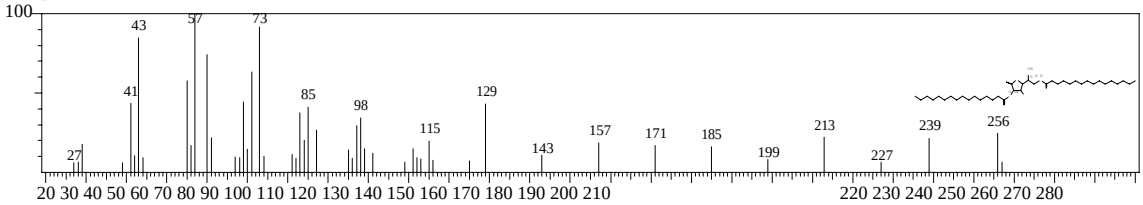
Hit#:3 Entry:22979 Library:NIST05s.LIB
SI:90 Formula:C18H36O2 CAS:57-11-4 MolWeight:284 RetIndex:2167
CompName:Octadecanoic acid $$ Stearic acid $$ n-Octadecanoic acid $$ Humko Industrene R $$ Hydrofol Acid 150 $$ Hystrene S-97 $$ Hystrene T-70 $$ Hys



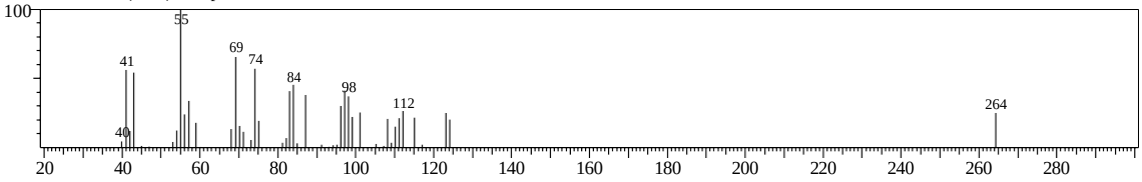
Hit#:4 Entry:74999 Library:NIST05.LIB
SI:89 Formula:C16H32O2 CAS:57-10-3 MolWeight:256 RetIndex:1968
CompName:n-Hexadecanoic acid $$ Hexadecanoic acid $$ n-Hexadecoic acid $$ Palmitic acid $$ Pentadecanecarboxylic acid $$ 1-Pentadecanecarboxylic acid



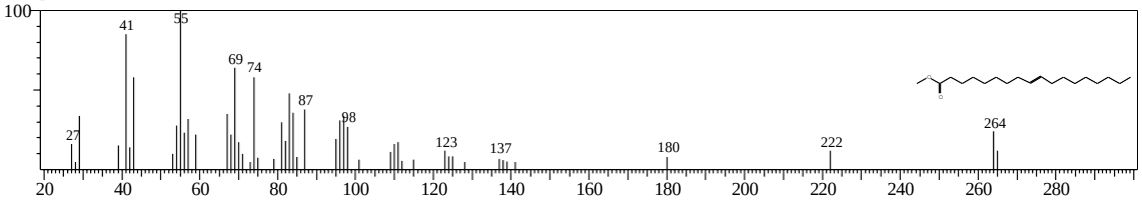
Hit#:5 Entry:161860 Library:NIST05.LIB
SI:89 Formula:C38H68O8 CAS:28474-90-0 MolWeight:652 RetIndex:4765
CompName:l-(+)-Ascorbic acid 2,6-dihexadecanoate



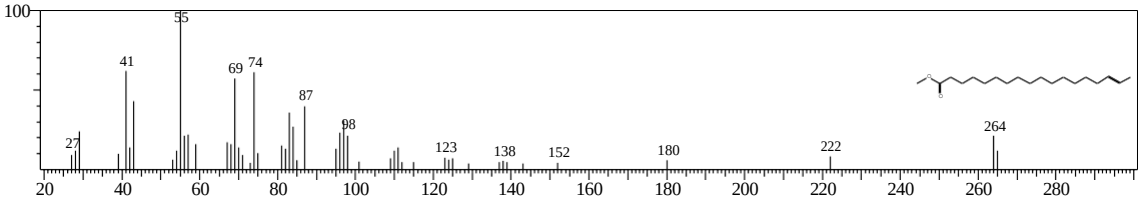
<< Target >>
Line#:7 R.Time:20.667(Scan#:2121) MassPeaks:48
RawMode:Single 20.667(2121) BasePeak:55.05(10434)
BG Mode:20.642(2118) Group 1 - Event 1



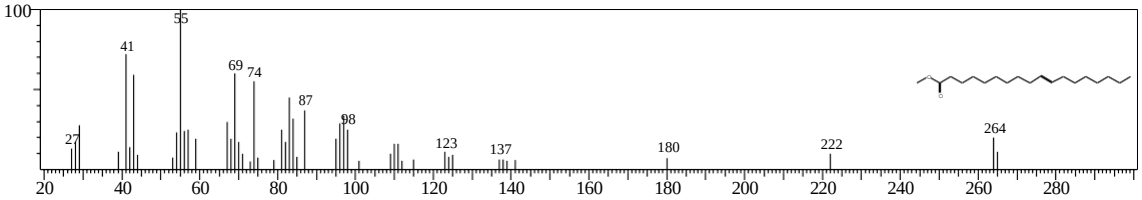
Hit#:1 Entry:23570 Library:NIST05s.LIB
SI:86 Formula:C19H36O2 CAS:1937-62-8 MolWeight:296 RetIndex:2085
CompName:9-Octadecenoic acid, methyl ester, (E)- $$ Elaidic acid, methyl ester $$ Methyl elaidate $$ Methyl trans-9-octadecenoate $$ (E)-9-Octadecenoic aci



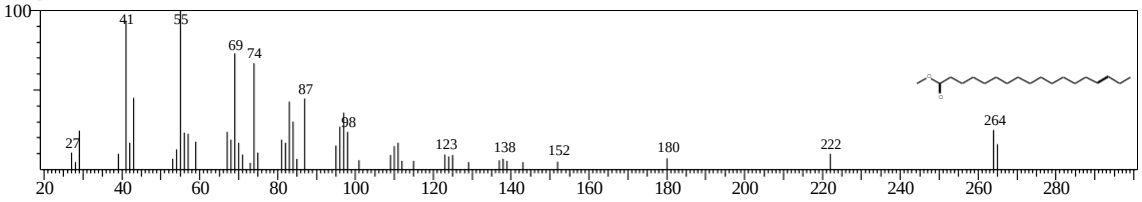
Hit#:2 Entry:98790 Library:NIST05.LIB
SI:86 Formula:C19H36O2 CAS:56554-49-5 MolWeight:296 RetIndex:2085
CompName:16-Octadecenoic acid, methyl ester $$ Methyl (16E)-16-octadecenoate # $$



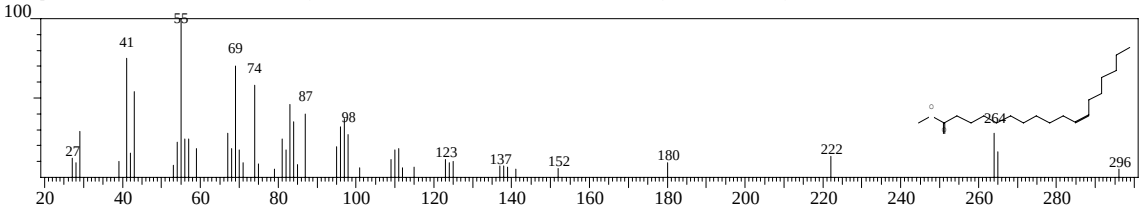
Hit#:3 Entry:98784 Library:NIST05.LIB
SI:86 Formula:C19H36O2 CAS:13481-95-3 MolWeight:296 RetIndex:2085
CompName:10-Octadecenoic acid, methyl ester $$ Methyl (10E)-10-octadecenoate # $$



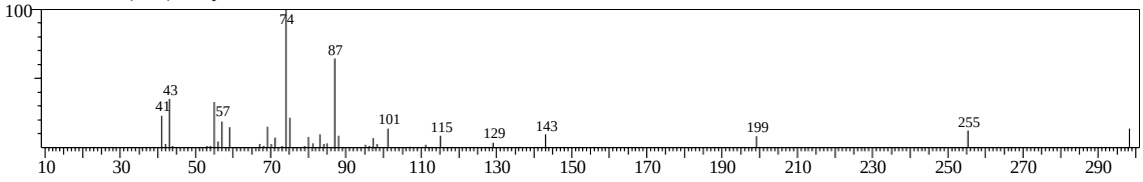
Hit#:4 Entry:98781 Library:NIST05.LIB
SI:85 Formula:C19H36O2 CAS:4764-72-1 MolWeight:296 RetIndex:2085
CompName:15-Octadecenoic acid, methyl ester $$ Methyl (15E)-15-octadecenoate # $$



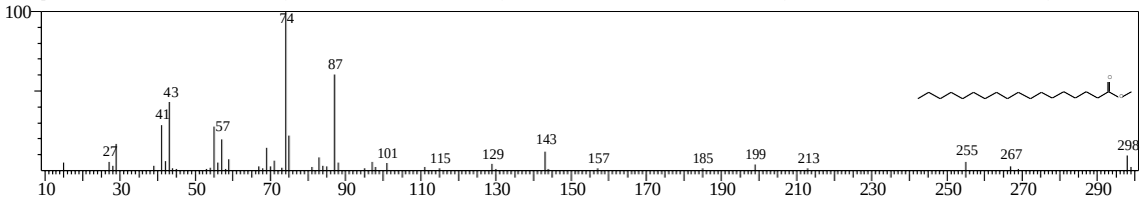
Hit#:5 Entry:98785 Library:NIST05.LIB
SI:85 Formula:C19H36O2 CAS:1937-63-9 MolWeight:296 RetIndex:2085
CompName:11-Octadecenoic acid, methyl ester, (Z)- $$ cis-11-Octadecenoic acid methyl ester $$ Methyl cis-octadec-11-enoate $$ cis-Vaccenic acid methyl est



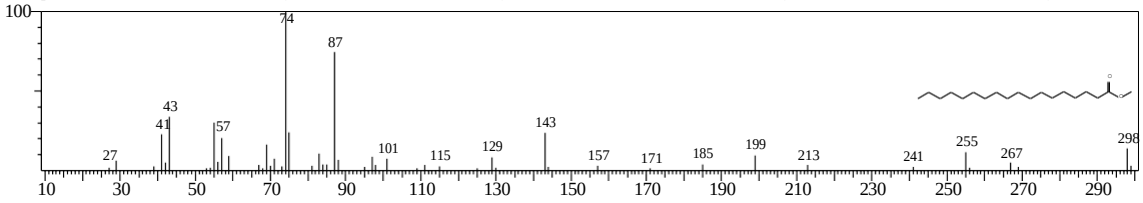
<< Target >>
Line#:8 R.Time:20.925(Scan#:2152) MassPeaks:44
RawMode:Single 20.925(2152) BasePeak:74.10(27083)
BG Mode:20.950(2155) Group 1 - Event 1



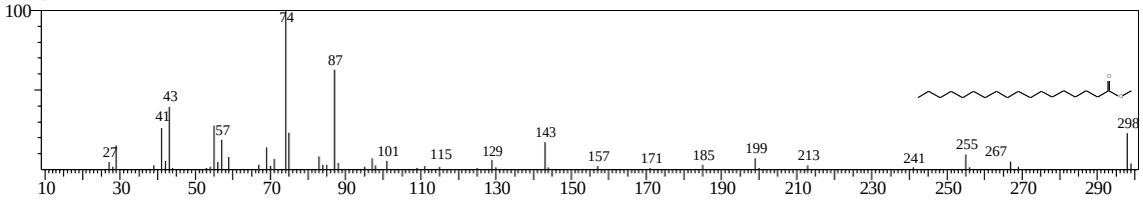
Hit#:1 Entry:100069 Library:NIST05.LIB
SI:92 Formula:C19H38O2 CAS:112-61-8 MolWeight:298 RetIndex:2077
CompName:Octadecanoic acid, methyl ester $$ Stearic acid, methyl ester $$ n-Octadecanoic acid, methyl ester $$ Kemester 9718 $$ Methyl n-octadecanoate $$



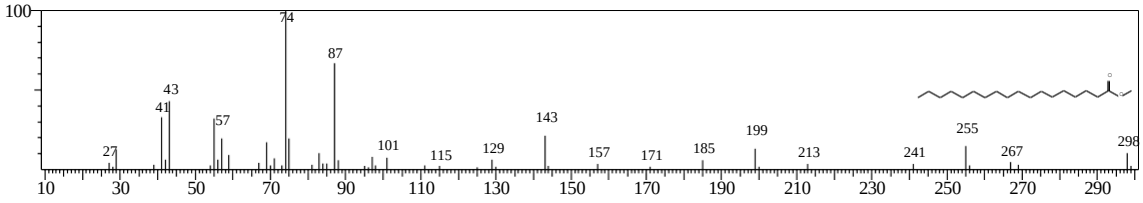
Hit#:2 Entry:23659 Library:NIST05s.LIB
SI:91 Formula:C19H38O2 CAS:112-61-8 MolWeight:298 RetIndex:2077
CompName:Octadecanoic acid, methyl ester $$ Stearic acid, methyl ester $$ n-Octadecanoic acid, methyl ester $$ Kemester 9718 $$ Methyl n-octadecanoate $$



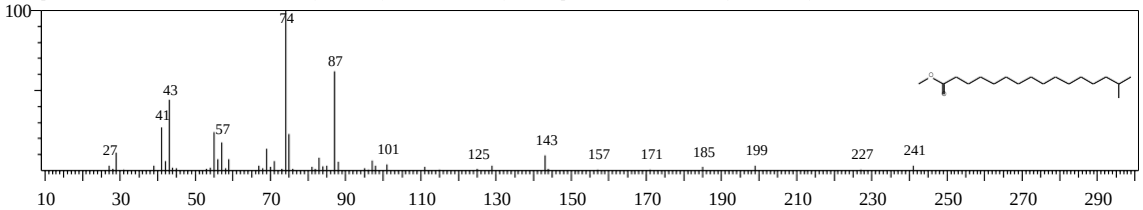
Hit#:3 Entry:23658 Library:NIST05s.LIB
SI:91 Formula:C19H38O2 CAS:112-61-8 MolWeight:298 RetIndex:2077
CompName:Octadecanoic acid, methyl ester $$ Stearic acid, methyl ester $$ n-Octadecanoic acid, methyl ester $$ Kemester 9718 $$ Methyl n-octadecanoate $$



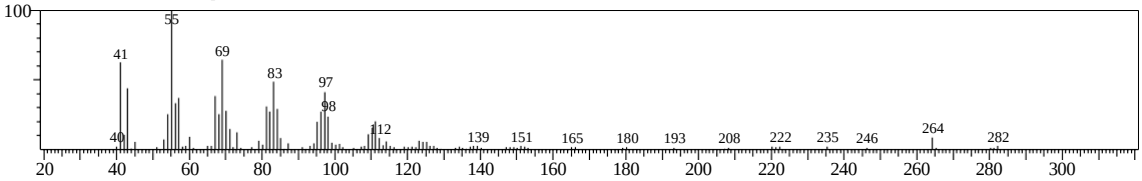
Hit#:4 Entry:23657 Library:NIST05s.LIB
SI:90 Formula:C19H38O2 CAS:112-61-8 MolWeight:298 RetIndex:2077
CompName:Octadecanoic acid, methyl ester $$ Stearic acid, methyl ester $$ n-Octadecanoic acid, methyl ester $$ Kemester 9718 $$ Methyl n-octadecanoate $$



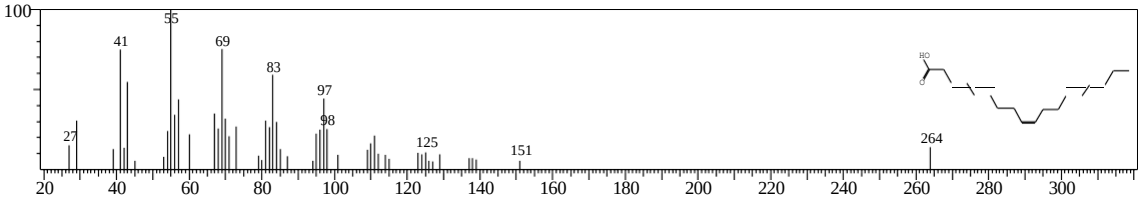
Hit#:5 Entry:22987 Library:NIST05s.LIB
SI:90 Formula:C18H36O2 CAS:6929-04-0 MolWeight:284 RetIndex:1914
CompName:Hexadecanoic acid, 15-methyl-, methyl ester $$ Methyl isoheptadecanoate $$ Methyl 15-methylhexadecanoate $$



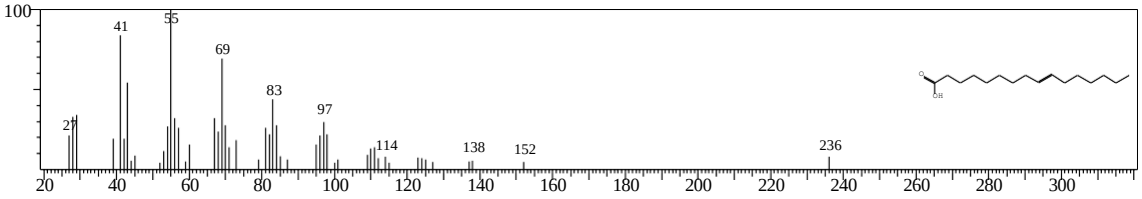
<< Target >>
Line#:9 R.Time:21.308(Scan#:2198) MassPeaks:105
RawMode:Single 21.308(2198) BasePeak:55.05(152013)
BG Mode:21.375(2206) Group 1 - Event 1



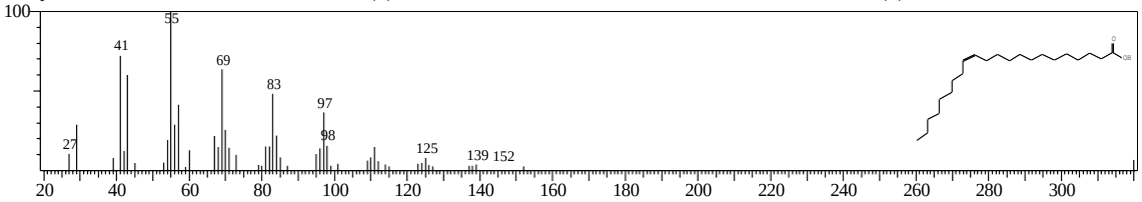
Hit#:1 Entry:90577 Library:NIST05.LIB
SI:93 Formula:C18H34O2 CAS:112-80-1 MolWeight:282 RetIndex:2175
CompName:Oleic Acid $$ 9-Octadecenoic acid (Z)- $$ .delta.(Sup9)-cis-Oleic acid $$ cis-.delta.(Sup9)-Octadecenoic acid $$ cis-Oleic Acid $$ cis-9-Octadecen



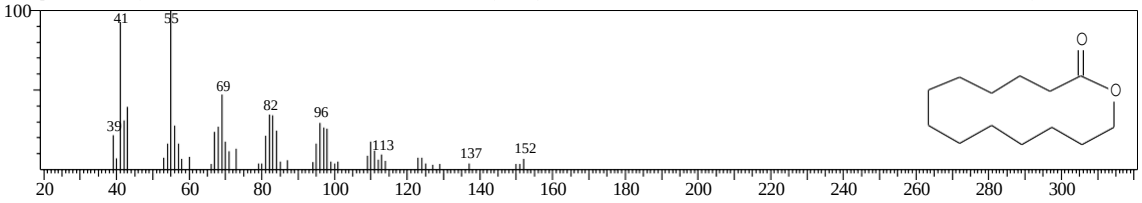
Hit#:2 Entry:73685 Library:NIST05.LIB
SI:92 Formula:C16H30O2 CAS:2091-29-4 MolWeight:254 RetIndex:1976
CompName:9-Hexadecenoic acid $$ (9E)-9-Hexadecenoic acid # $$



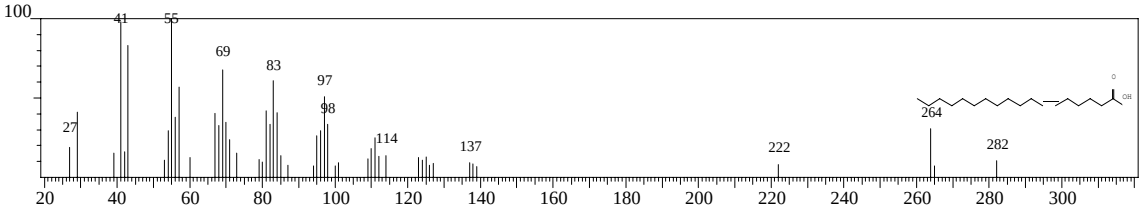
Hit#:3 Entry:121691 Library:NIST05.LIB
SI:91 Formula:C22H42O2 CAS:112-86-7 MolWeight:338 RetIndex:2572
CompName:Erucic acid $$ 13-Docosenoic acid, (Z)- $$ .delta.13-cis-Docosenoic acid $$ cis-13-Docosenoic acid $$ (Z)-13-Docosenoic acid $$ Prifrac 2990 $$



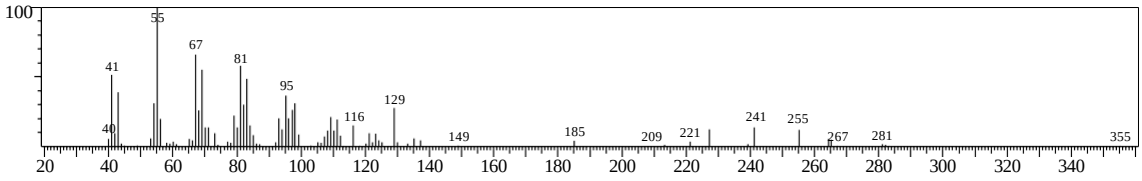
Hit#:4 Entry:17628 Library:NIST05s.LIB
SI:90 Formula:C13H24O2 CAS:1725-04-8 MolWeight:212 RetIndex:1904
CompName:Oxacyclotetradecan-2-one $$ Tridecanoic acid, 13-hydroxy-, .mu.-lactone $$ Tridecanolide $$ 1,13-Tridecanolide $$ -Oxacyclotetradecan-2-one $$



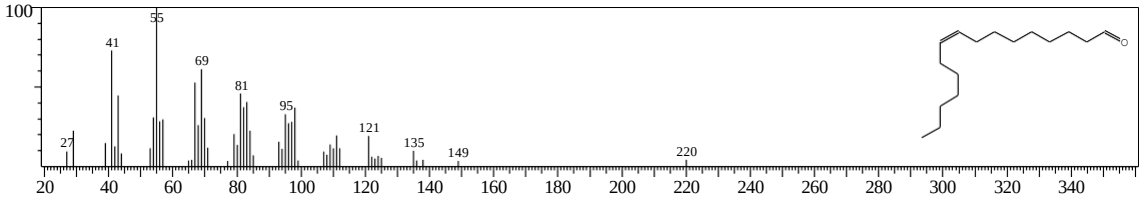
Hit#:5 Entry:90568 Library:NIST05.LIB
SI:90 Formula:C18H34O2 CAS:593-39-5 MolWeight:282 RetIndex:2175
CompName:6-Octadecenoic acid, (Z)- $$ (6Z)-6-Octadecenoic acid # $$



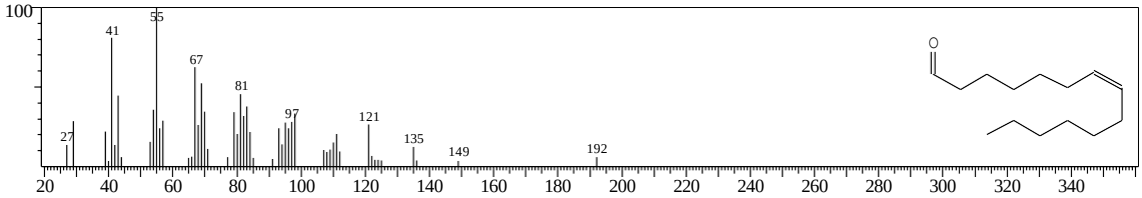
<< Target >>
Line#:10 R.Time:23.983(Scan#:2519) MassPeaks:89
RawMode:Single 23.983(2519) BasePeak:55.05(16852)
BG Mode:24.025(2524) Group 1 - Event 1



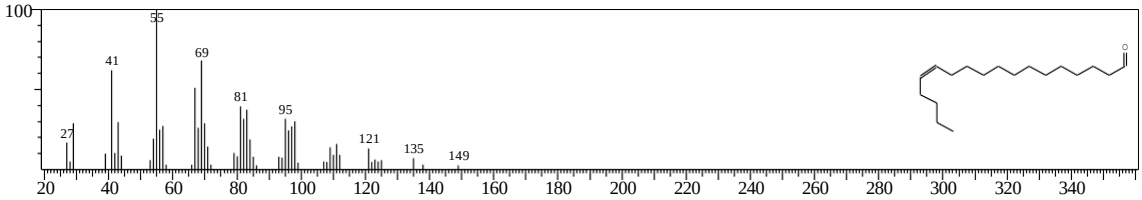
Hit#:1 Entry:20037 Library:NIST05s.LIB
SI:86 Formula:C16H30O CAS:56219-04-6 MolWeight:238 RetIndex:1808
CompName:cis-9-Hexadecenal $$ 9-Hexadecenal, (Z)- $$ (Z)-9-Hexadecenal $$ Z-9-Hexadecenal $$ (9Z)-9-Hexadecenal # $$



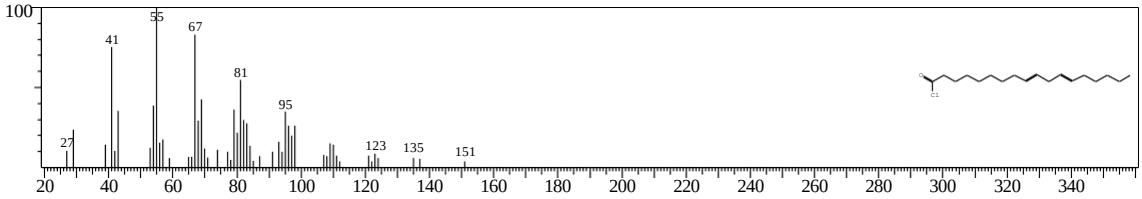
Hit#:2 Entry:47275 Library:NIST05.LIB
SI:86 Formula:C14H26O CAS:65128-96-3 MolWeight:210 RetIndex:1609
CompName:7-Tetradecenal, (Z)- $$ Z-7-Tetradecenal $$ (7Z)-7-Tetradecenal # $$



Hit#:3 Entry:21955 Library:NIST05s.LIB
SI:85 Formula:C18H34O CAS:58594-45-9 MolWeight:266 RetIndex:2007
CompName:13-Octadecenal, (Z)- $$ cis-13-Octadecenal $$ Z-13-Octadecenal $$ (13Z)-13-Octadecenal # $$



Hit#:4 Entry:23649 Library:NIST05s.LIB
SI:85 Formula:C18H31ClO CAS:7459-33-8 MolWeight:298 RetIndex:2139
CompName:9,12-Octadecadienoyl chloride, (Z,Z)- $$ Linoleoyl chloride $$ Lineoleoyl chloride $$ Linoleic acid chloride $$ (9E,12E)-9,12-Octadecadienoyl ch



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SI:85 Formula:C14H26O CAS:85896-31-7 MolWeight:210 RetIndex:1591
CompName:13-Tetradecenal