GCMS-QP2010 PLUS
SHIMADZU,JAPAN

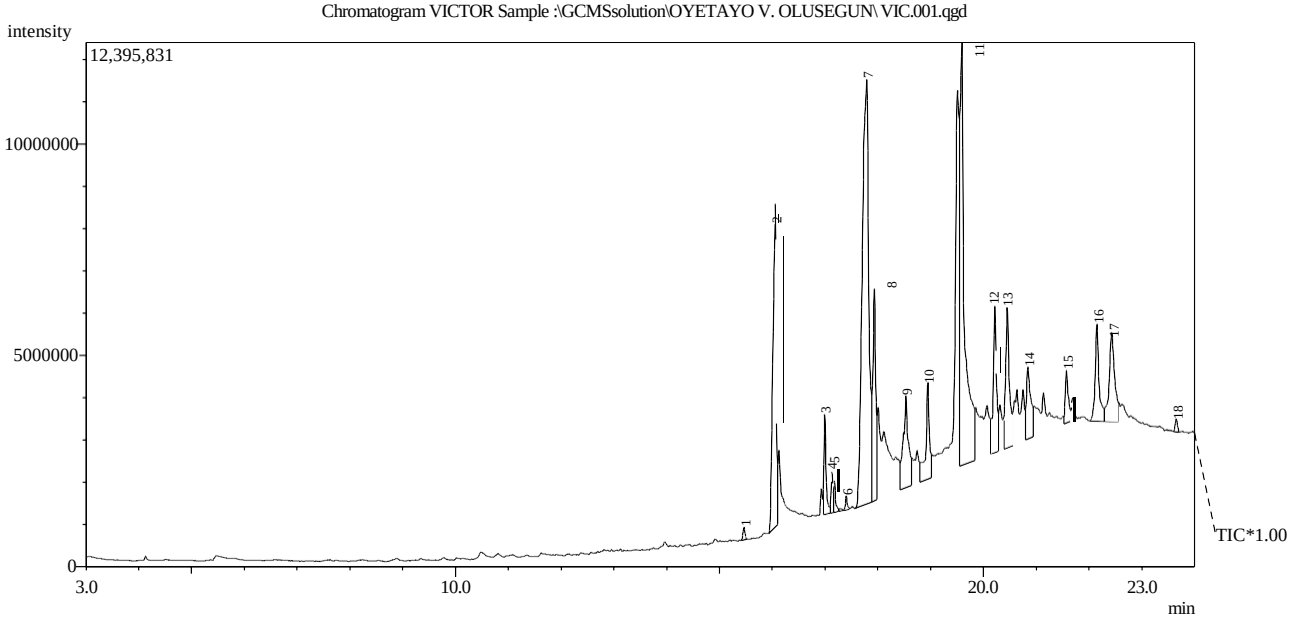
GCMS ANALYSIS

OYETAYO VICTOR OLUSEGUN

SAMPLE: A

Chromatogram

Chromatogram VICTOR Sample :\GCMSsolution\OYETAYO V. OLUSEGUN\ VIC.001.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	:116.9 kPa
Total Flow	:40.8 mL/min
Column Flow	:1.80 mL/min
Linear Velocity	:49.2 cm/sec
Purge Flow	:3.0 mL/min
Split Ratio	:20.0
High Pressure Injection	:OFF
Carrier Gas Saver	:OFF
Splitter Hold	:OFF
Oven Temp. Program	

Rate	Temperature(°C)	Hold Time(min)
-	70.0	0.00
10.00	280.0	5.00

< 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 :24.00min
ACQ Mode :Scan
Event Time :0.50sec
Scan Speed : 666
Start m/z :30.00
End m/z :350.00

Sample Inlet Unit :GC

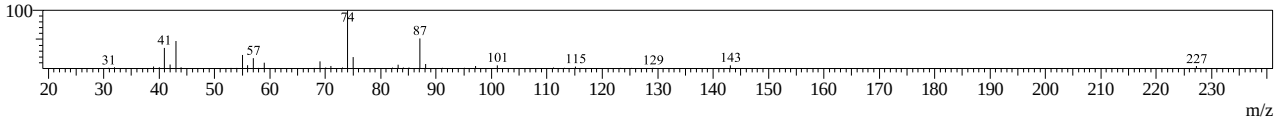
[MS Program]
Use MS Program :OFF

Peak Report TIC

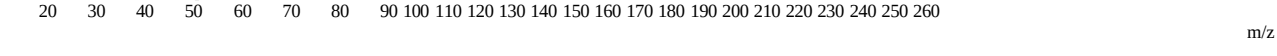
Peak#	R.Time	I.Time	F.Time	Area	Area%	Height	Height%	A/H	Mark	Name
1	15.464	15.408	15.517	775317	0.24	306800	0.55	2.53		
2	16.057	15.933	16.100	33597402	10.56	7634291	13.56	4.40		
3	16.994	16.958	17.092	6974621	2.19	2363332	4.20	2.95	V	
4	17.128	17.092	17.158	2489543	0.78	972906	1.73	2.56	V	
5	17.175	17.158	17.250	1819817	0.57	754447	1.34	2.41	V	
6	17.401	17.250	17.458	1245569	0.39	347986	0.62	3.58	V	
7	17.788	17.558	17.883	86153085	27.07	10033052	17.83	8.59		
8	17.933	17.883	17.983	19787241	6.22	5006045	8.89	3.95	V	
9	18.532	18.425	18.642	15002614	4.71	2176088	3.87	6.89	V	
10	18.947	18.792	19.017	11205190	3.52	2285552	4.06	4.90	V	
11	19.591	19.542	19.833	63620977	19.99	9991539	17.75	6.37	V	
12	20.214	20.125	20.283	15342571	4.82	3451416	6.13	4.45	V	
13	20.452	20.367	20.550	16983223	5.34	3298611	5.86	5.15	V	
14	20.842	20.792	20.942	9789010	3.08	1695359	3.01	5.77	V	
15	21.570	21.525	21.650	4869564	1.53	1250725	2.22	3.89	V	
16	22.148	22.008	22.283	11917726	3.74	2300444	4.09	5.18		
17	22.429	22.283	22.550	15780147	4.96	2110296	3.75	7.48	V	
18	23.651	23.600	23.708	919282	0.29	302522	0.54	3.04		
				318272899	100.00	56281411	100.00			

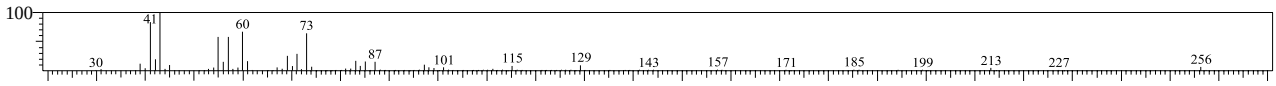
Spectrum

Line#:1 R.Time:15.5(Scan#:1497)
MassPeaks:46
RawMode:Single 15.5(1497) BasePeak:74(54218)
BG Mode:15.5(1500) Group 1 - Event 1



Line#:2 R.Time:16.1(Scan#:1567)
MassPeaks:103
RawMode:Single 16.1(1567) BasePeak:43(423267)
BG Mode:16.0(1562) Group 1 - Event 1

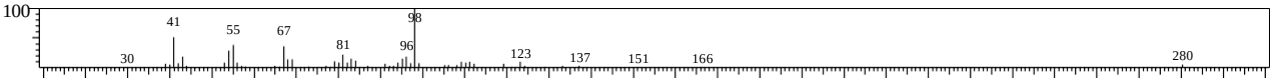




20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

m/z

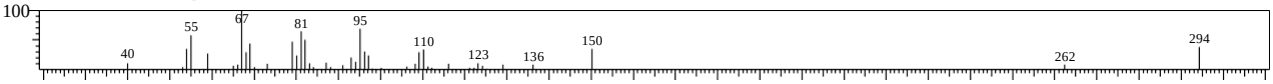
Line#:3 R.Time:17.0(Scan#:1680)
MassPeaks:74
RawMode:Single 17.0(1680) BasePeak:98(23792)
BG Mode:17.0(1681) Group 1 - Event 1



10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

m/z

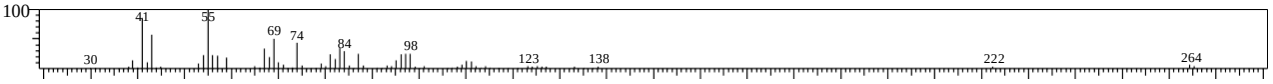
Line#:4 R.Time:17.1(Scan#:1696)
MassPeaks:56
RawMode:Single 17.1(1696) BasePeak:67(5701)
BG Mode:17.1(1697) Group 1 - Event 1



20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300

m/z

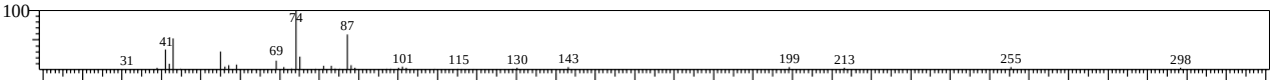
Line#:5 R.Time:17.2(Scan#:1702)
MassPeaks:80
RawMode:Single 17.2(1702) BasePeak:55(66885)
BG Mode:17.2(1708) Group 1 - Event 1



20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270

m/z

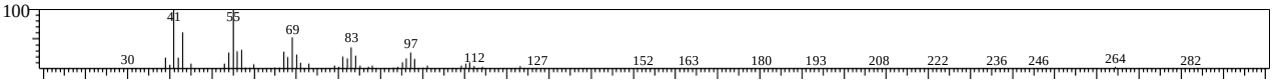
Line#:6 R.Time:17.4(Scan#:1729)
MassPeaks:59
RawMode:Single 17.4(1729) BasePeak:74(69312)
BG Mode:17.5(1736) Group 1 - Event 1



10 30 50 70 90 110 130 150 170 190 210 230 250 270 290 310

m/z

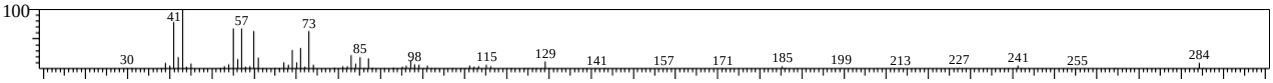
Line#:7 R.Time:17.8(Scan#:1776)
MassPeaks:131
RawMode:Single 17.8(1776) BasePeak:41(551373)
BG Mode:17.8(1780) Group 1 - Event 1



10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

m/z

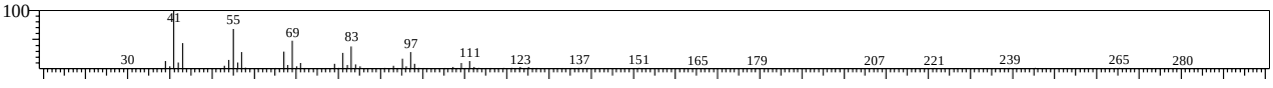
Line#:8 R.Time:17.9(Scan#:1793)
MassPeaks:102
RawMode:Single 17.9(1793) BasePeak:43(158339)
BG Mode:17.9(1795) Group 1 - Event 1



10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

m/z

Line#:9 R.Time:18.5(Scan#:1865)
MassPeaks:94
RawMode:Single 18.5(1865) BasePeak:41(185220)
BG Mode:18.6(1872) Group 1 - Event 1



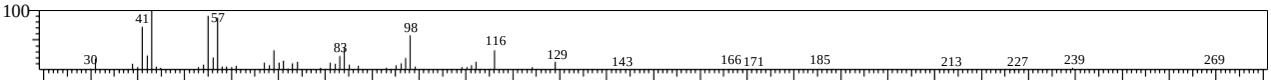
10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270

m/z

m/z

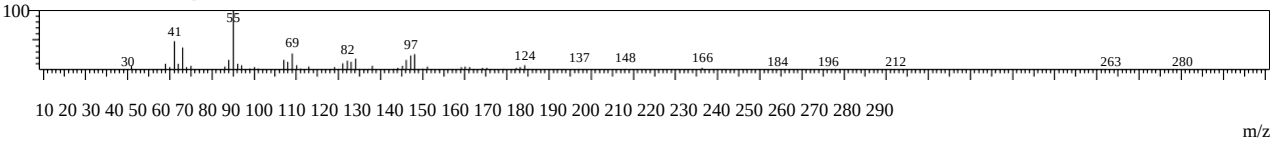
Line#:10 R.Time:18.9(Scan#:1914)
MassPeaks:96
RawMode:Single 18.9(1914) BasePeak:43(179034)
BG Mode:19.0(1922) Group 1 - Event 1



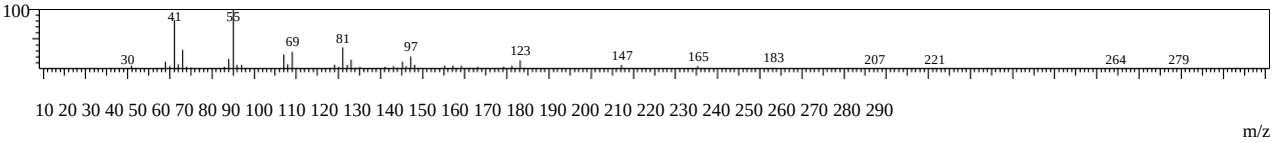
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270

m/z

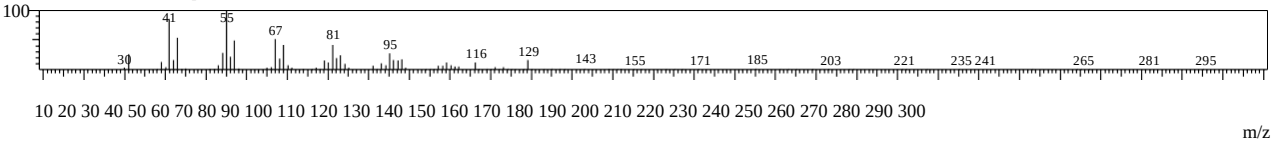
Line#:11 R.Time:19.6(Scan#:1992)
MassPeaks:112
RawMode:Single 19.6(1992) BasePeak:55(816923)
BG Mode:19.6(1995) Group 1 - Event 1



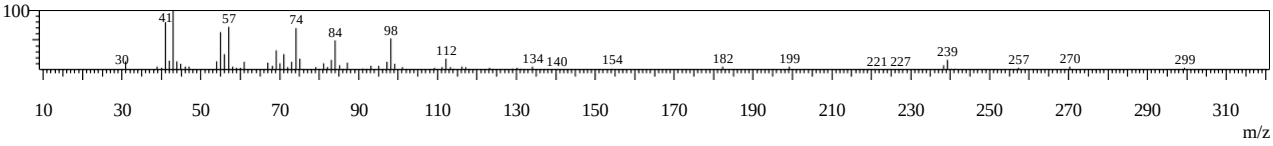
Line#:12 R.Time:20.2(Scan#:2067)
MassPeaks:94
RawMode:Single 20.2(2067) BasePeak:55(347029)
BG Mode:20.3(2071) Group 1 - Event 1



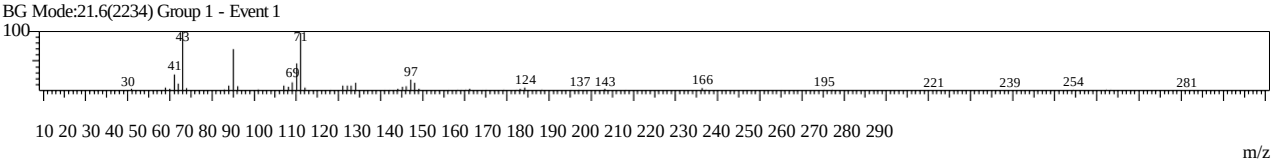
Line#:13 R.Time:20.4(Scan#:2095)
MassPeaks:123
RawMode:Single 20.4(2095) BasePeak:55(270414)
BG Mode:20.6(2108) Group 1 - Event 1



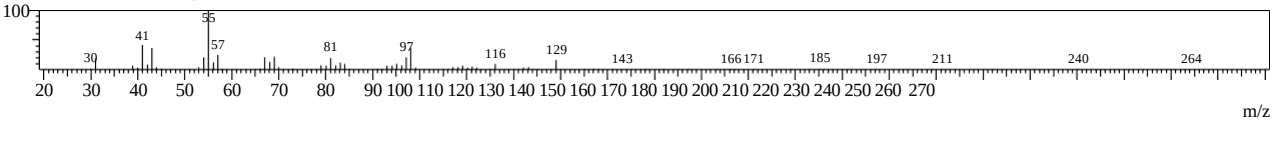
Line#:14 R.Time:20.8(Scan#:2142)
MassPeaks:105
RawMode:Single 20.8(2142) BasePeak:43(39287)
BG Mode:20.9(2145) Group 1 - Event 1



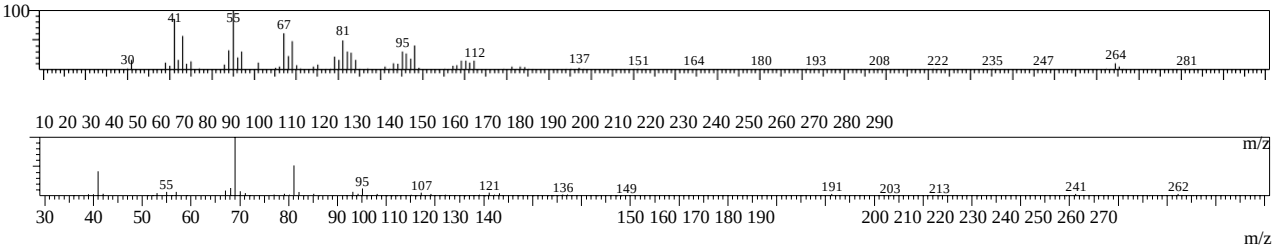
Line#:15 R.Time:21.6(Scan#:2229)
MassPeaks:87
RawMode:Single 21.6(2229) BasePeak:43(109293)
BG Mode:21.6(2234) Group 1 - Event 1



Line#:16 R.Time:22.2(Scan#:2299)
MassPeaks:109
RawMode:Single 22.2(2299) BasePeak:55(304621)
BG Mode:22.2(2309) Group 1 - Event 1



Line#:17 R.Time:22.4(Scan#:2334)
MassPeaks:112
RawMode:Single 22.4(2334) BasePeak:55(143168)
BG Mode:22.4(2323) Group 1 - Event 1



Line#:18 R.Time:23.7(Scan#:2480)
MassPeaks:78
RawMode:Single 23.7(2480) BasePeak:69(71358)
BG Mode:23.7(2484) Group 1 - Event 1

Spectrum Comparison

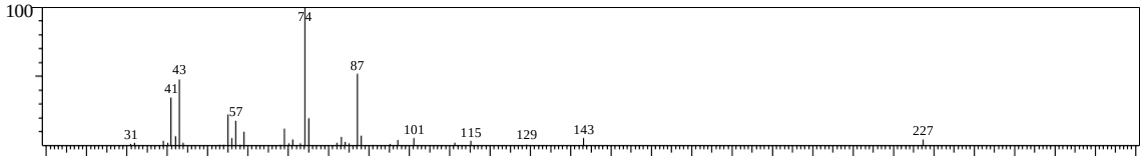
Library

<< Target >>

Line#:1 R.Time:15.467(Scan#:1497) MassPeaks:46

RawMode:Single 15.467(1497) BasePeak:74.05(54218)

BG Mode:15.492(1500) Group 1 - Event 1

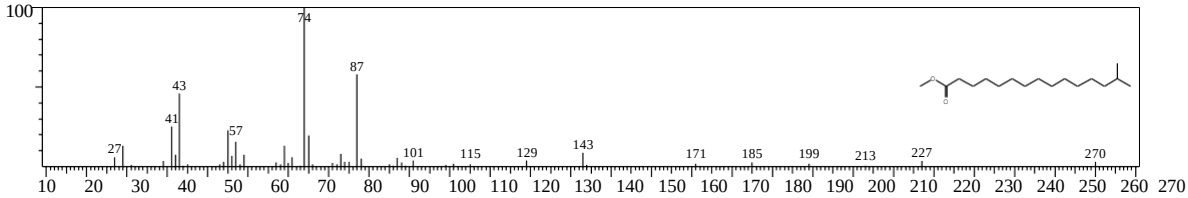


10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270

Hit#:1 Entry:22223 Library:NIST05s.LIB

SI:93 Formula:C17H34O2 CAS:5129-60-2 MolWeight:270 RetIndex:1814

CompName:Pentadecanoic acid, 14-methyl-, methyl ester $$ Methyl 14-methylpentadecanoate # $$

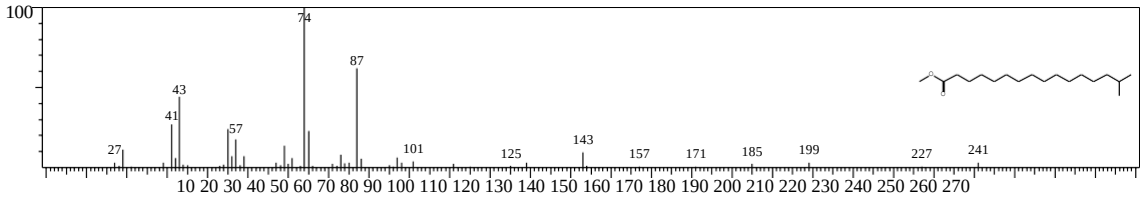


10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270

Hit#:2 Entry:22987 Library:NIST05s.LIB

SI:93 Formula:C18H36O2 CAS:6929-04-0 MolWeight:284 RetIndex:1914

CompName:Hexadecanoic acid, 15-methyl-, methyl ester $$ Methyl isoheptadecanoate $$ Methyl 15-methylhexadecanoate $$

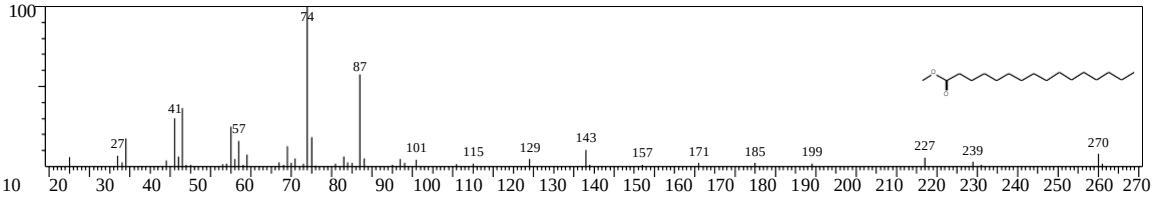


10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270

Hit#:3 Entry:22219 Library:NIST05s.LIB

SI:92 Formula:C17H34O2 CAS:112-39-0 MolWeight:270 RetIndex:1878

CompName:Hexadecanoic acid, methyl ester $$ Palmitic acid, methyl ester $$ n-Hexadecanoic acid methyl ester $$ Metholene 2216 $$ Methyl hexadecanoate $

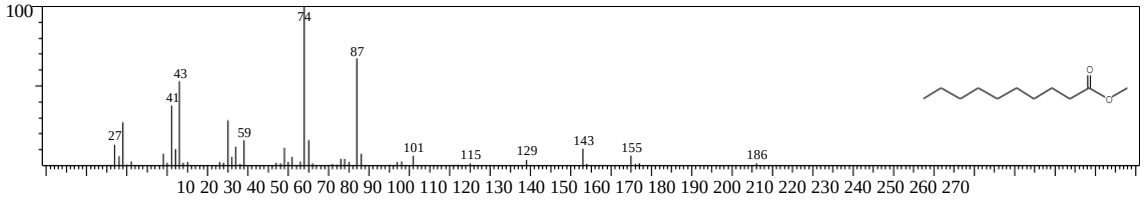


10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270

Hit#:4 Entry:14361 Library:NIST05s.LIB

SI:92 Formula:C11H22O2 CAS:110-42-9 MolWeight:186 RetIndex:1282

CompName:Decanoic acid, methyl ester $$ Capric acid methyl ester $$ Metholene 2095 $$ Methyl caprate $$ Methyl caprinate $$ Methyl decanoate $$ Methyl-

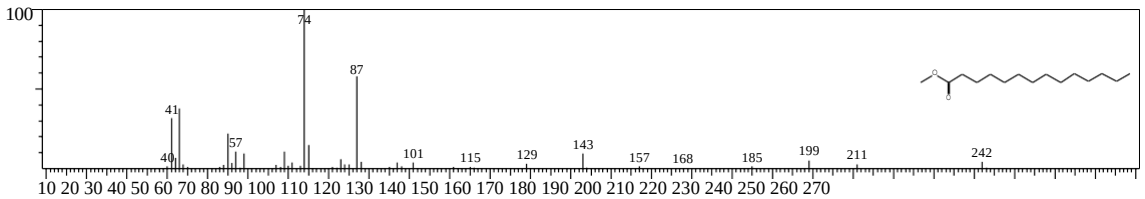


10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270

Hit#:5 Entry:20373 Library:NIST05s.LIB

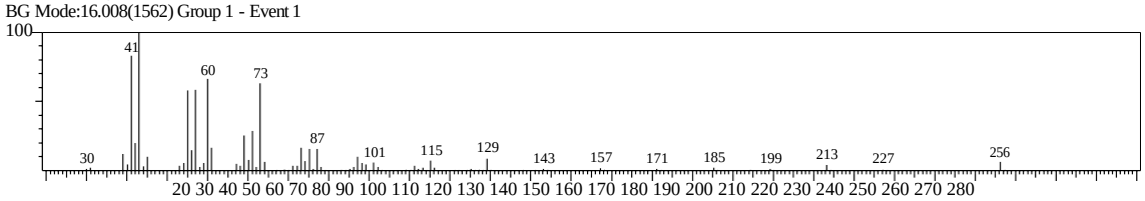
SI:92 Formula:C15H30O2 CAS:124-10-7 MolWeight:242 RetIndex:1680

CompName:Methyl tetradecanoate $$ Tetradecanoic acid, methyl ester $$ Myristic acid, methyl ester $$ Metholeneat 2495 $$ Methyl myristate $$ Methyl n-tetr

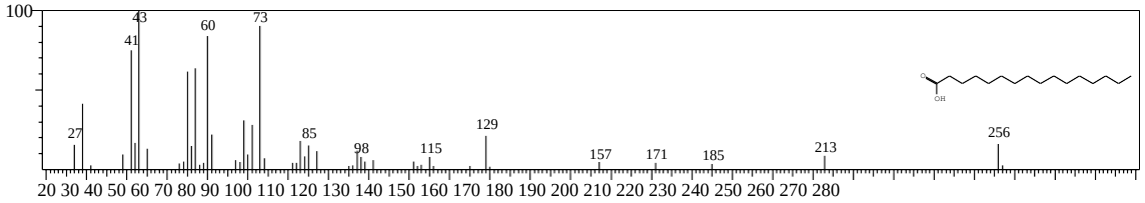


10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270

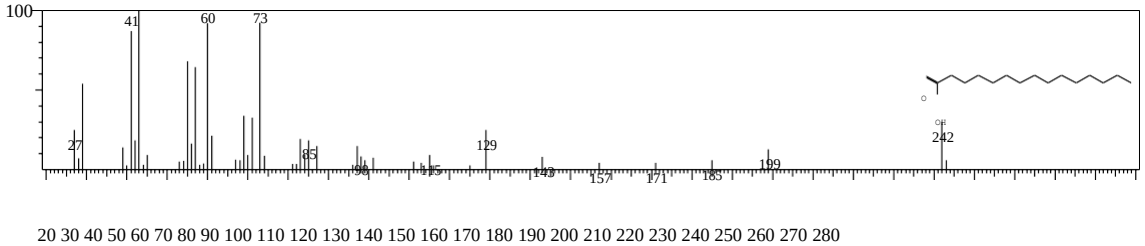
<< Target >>
Line#:2 R.Time:16.050(Scan#:1567) MassPeaks:103
RawMode:Single 16.050(1567) BasePeak:43.00(423267)
BG Mode:16.008(1562) Group 1 - Event 1



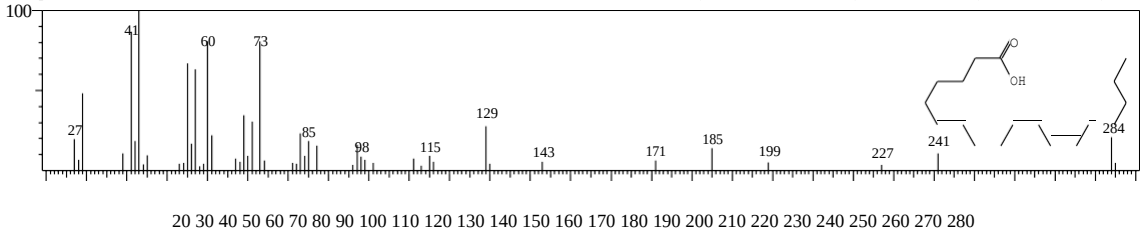
Hit#:1 Entry:74999 Library:NIST05.LIB
SI:94 Formula:C16H32O2 CAS:57-10-3 MolWeight:256 RetIndex:1968
CompName:n-Hexadecanoic acid $$ Hexadecanoic acid $$ n-Hexadecoic acid $$ Palmitic acid $$ Pentadecanecarboxylic acid $$ 1-Pentadecanecarboxylic acid



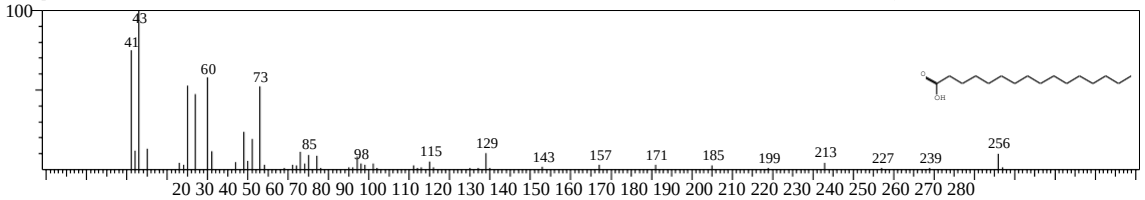
Hit#:2 Entry:66523 Library:NIST05.LIB
SI:91 Formula:C15H30O2 CAS:1002-84-2 MolWeight:242 RetIndex:1869
CompName:Pentadecanoic acid $$ Pentadecylic acid $$ n-Pentadecanoic acid $$ n-Pentadecylic acid $$



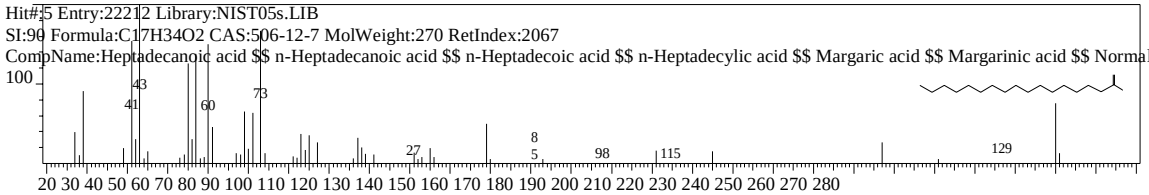
Hit#:3 Entry:22977 Library:NIST05s.LIB
SI:91 Formula:C18H36O2 CAS:57-11-4 MolWeight:284 RetIndex:2167
CompName:Octadecanoic acid $$ Stearic acid $$ n-Octadecanoic acid $$ Humko Industrene R $$ Hydrofol Acid 150 $$ Hystrene S-97 $$ Hystrene T-70 $$ Hys



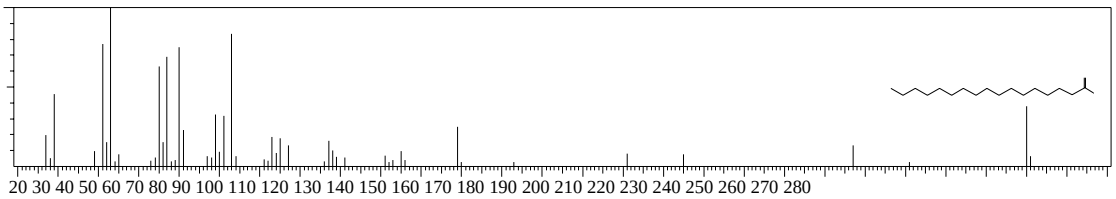
Hit#:4 Entry:21329 Library:NIST05s.LIB
SI:90 Formula:C16H32O2 CAS:57-10-3 MolWeight:256 RetIndex:1968
CompName:n-Hexadecanoic acid $$ Hexadecanoic acid $$ n-Hexadecoic acid $$ Palmitic acid $$ Pentadecanecarboxylic acid $$ 1-Pentadecanecarboxylic acid



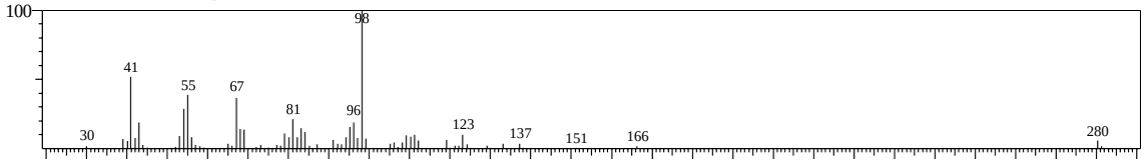
Hit#:5 Entry:22212 Library:NIST05s.LIB
SI:90 Formula:C17H34O2 CAS:506-12-7 MolWeight:270 RetIndex:2067
CompName:Heptadecanoic acid $$ n-Heptadecanoic acid $$ n-Heptadecoic acid $$ n-Heptadecylic acid $$ Margaric acid $$ Margarinic acid $$ Normal-heptade



143
171
185
227
24
1
2
7
0

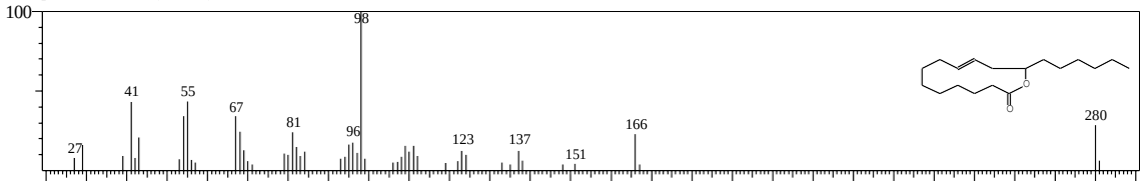


<< Target >>
Line#:3 R.Time:16.992(Scan#:1680) MassPeaks:74
RawMode:Single 16.992(1680) BasePeak:98.15(23792)
BG Mode:17.000(1681) Group 1 - Event 1



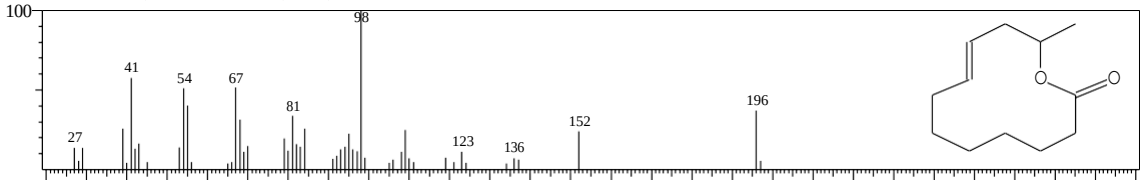
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:1 Entry:89303 Library:NIST05.LIB
SI:86 Formula:C18H32O2 CAS:127062-51-5 MolWeight:280 RetIndex:2325
CompName:13-Hexyloxacyclotridec-10-en-2-one



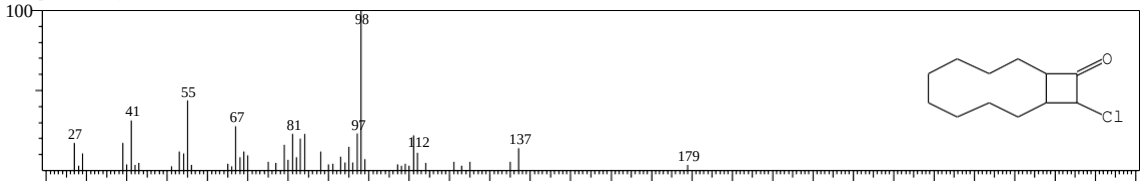
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:2 Entry:38937 Library:NIST05.LIB
SI:83 Formula:C12H20O2 CAS:33644-08-5 MolWeight:196 RetIndex:1708 CompName:Oxacyclododec-9-en-2-one, 12-methyl-, (E)- $$ 12-Methyloxacyclododec-9-en-2-one # $$



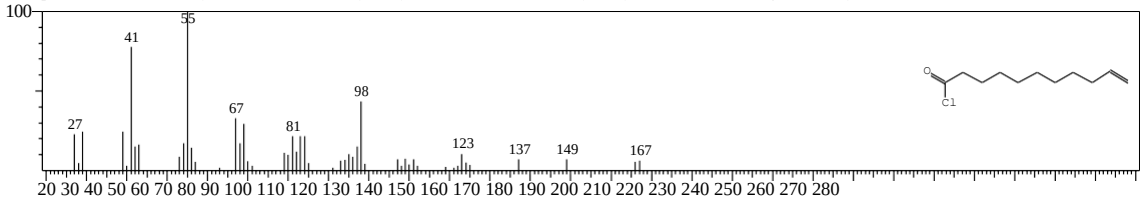
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:3 Entry:49415 Library:NIST05.LIB
SI:81 Formula:C12H19ClO CAS:110079-14-6 MolWeight:214 RetIndex:1679
CompName:Bicyclo[8.2.0]dodecan-11-one, 12-chloro- $$ 12-Chlorobicyclo[8.2.0]dodecan-11-one # $$



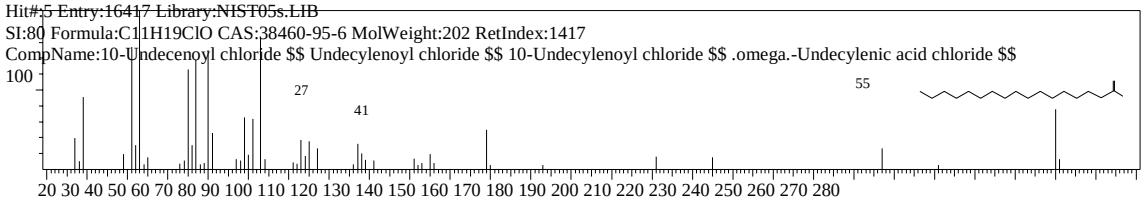
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:4 Entry:42044 Library:NIST05.LIB
SI:81 Formula:C11H19ClO CAS:38460-95-6 MolWeight:202 RetIndex:1417
CompName:10-Undecenoyl chloride $$ Undecylenoyl chloride $$ 10-Undecylenoyl chloride $$ .omega.-Undecylenic acid chloride $$



20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:5 Entry:16417 Library:NIST05s.LIB
SI:80 Formula:C11H19ClO CAS:38460-95-6 MolWeight:202 RetIndex:1417
CompName:10-Undecenoyl chloride $$ Undecylenoyl chloride $$ 10-Undecylenoyl chloride $$ .omega.-Undecylenic acid chloride $$



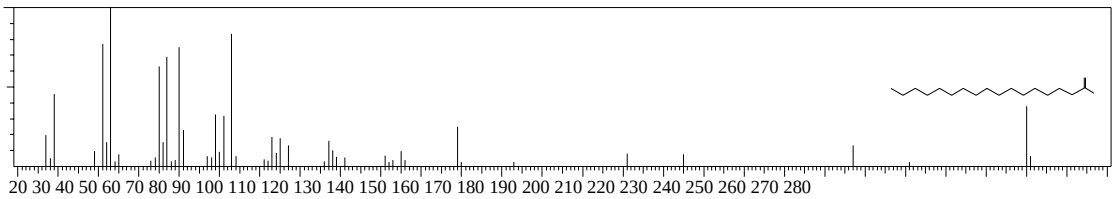
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

6
9

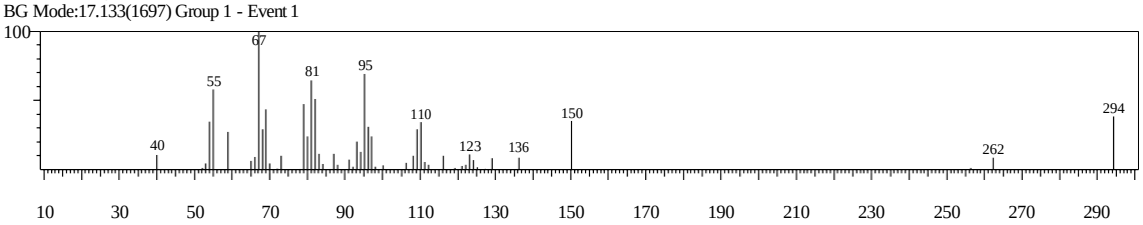
8
3
98

<< Target >>
Line#:3 R.Time:16.992(Scan#:1680) MassPeaks:74

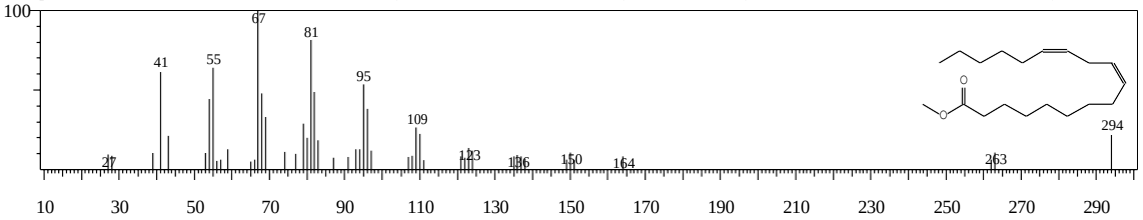
112
149
137
167



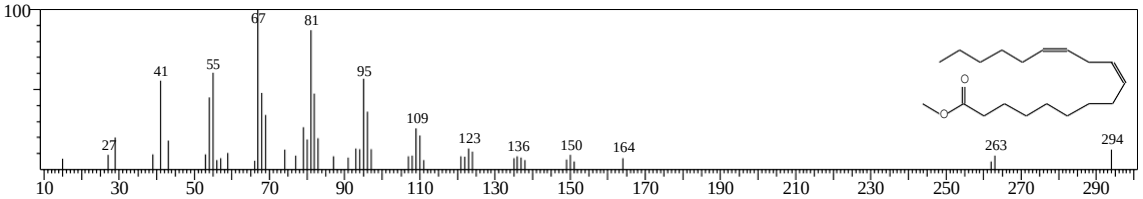
<< Target >>
Line#:4 R.Time:17.125(Scan#:1696) MassPeaks:56
RawMode:Single 17.125(1696) BasePeak:67.05(5701)
BG Mode:17.133(1697) Group 1 - Event 1



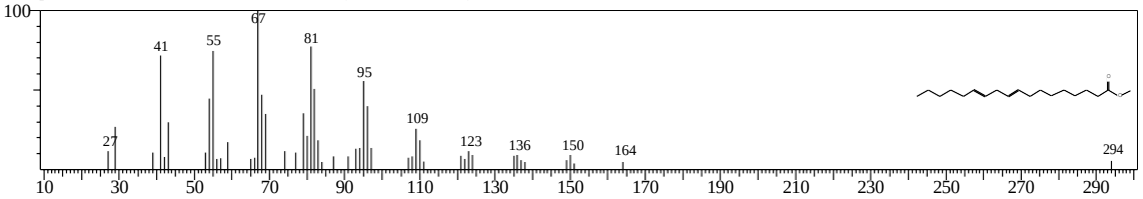
Hit#:1 Entry:23480 Library:NIST05s.LIB
SI:81 Formula:C19H34O2 CAS:112-63-0 MolWeight:294 RetIndex:2093
CompName:9,12-Octadecadienoic acid (Z,Z)-, methyl ester $$ Linoleic acid, methyl ester $$ Methyl cis,cis-9,12-octadecadienoate $$ Methyl linoleate $$ Meth



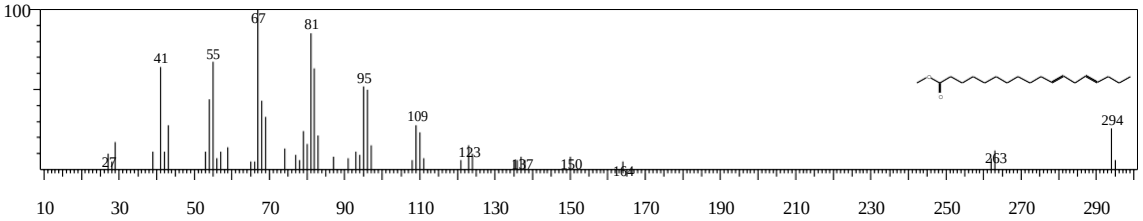
Hit#:2 Entry:97663 Library:NIST05.LIB
SI:81 Formula:C19H34O2 CAS:112-63-0 MolWeight:294 RetIndex:2093
CompName:9,12-Octadecadienoic acid (Z,Z)-, methyl ester $$ Linoleic acid, methyl ester $$ Methyl cis,cis-9,12-octadecadienoate $$ Methyl linoleate $$ Meth



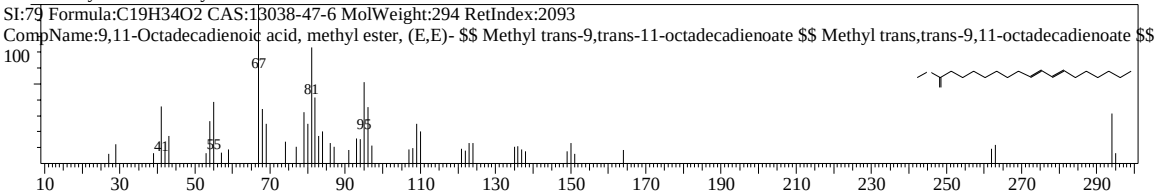
Hit#:3 Entry:97662 Library:NIST05.LIB
SI:80 Formula:C19H34O2 CAS:2462-85-3 MolWeight:294 RetIndex:2093
CompName:9,12-Octadecadienoic acid, methyl ester $$ Methyl (9E,12E)-9,12-octadecadienoate # $$



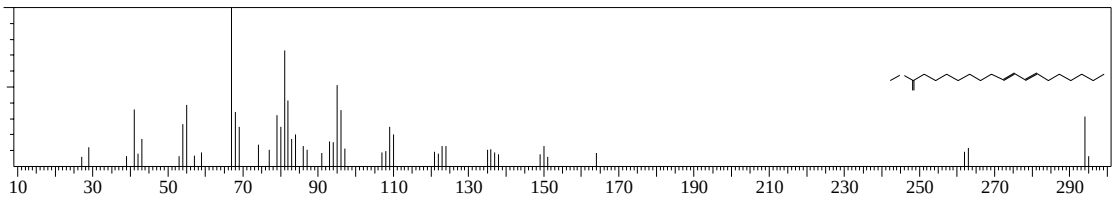
Hit#:4 Entry:97660 Library:NIST05.LIB
SI:79 Formula:C19H34O2 CAS:56554-61-1 MolWeight:294 RetIndex:2093
CompName:11,14-Octadecadienoic acid, methyl ester $$ Methyl (11E,14E)-11,14-octadecadienoate # $$



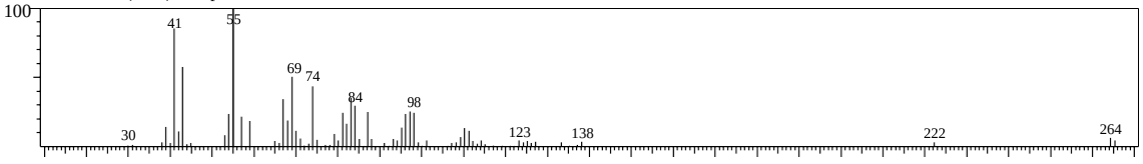
Hit#:5 Entry:97664 Library:NIST05.LIB
SI:79 Formula:C19H34O2 CAS:13038-47-6 MolWeight:294 RetIndex:2093
CompName:9,11-Octadecadienoic acid, methyl ester, (E,E)- $$ Methyl trans-9,trans-11-octadecadienoate $$ Methyl trans,trans-9,11-octadecadienoate $$ Methy



<< Target >>
Line#:4 R.Time:17.125(Scan#:1696) MassPeaks:56

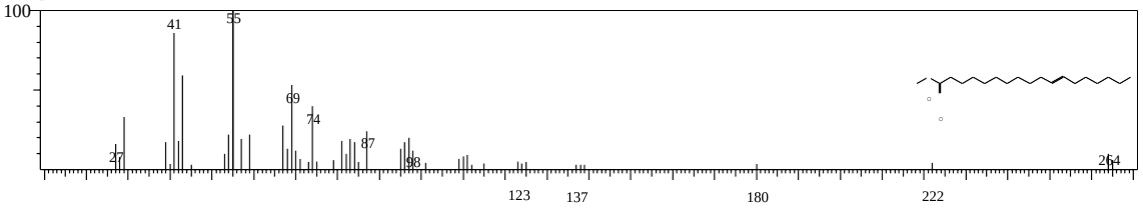


<< Target >>
Line#:5 R.Time:17.175(Scan#:1702) MassPeaks:80
RawMode:Single 17.175(1702) BasePeak:55.00(66885)
BG Mode:17.225(1708) Group 1 - Event 1



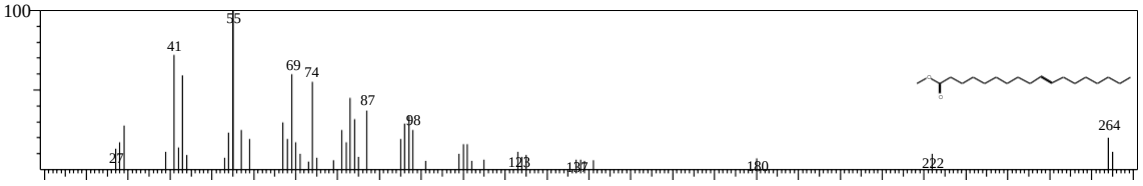
10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

Hit#:1 Entry:98778 Library:NIST05.LIB
SI:92 Formula:C19H36O2 CAS:52380-33-3 MolWeight:296 RetIndex:2085
CompName:11-Octadecenoic acid, methyl ester $$ Methyl 11-octadecenoate $$ Octadec-11-enoic acid, methyl ester $$ Methyl (11E)-11-octadecenoate # $$



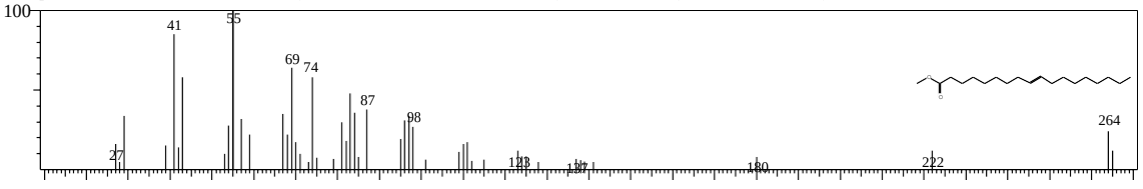
10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

Hit#:2 Entry:98784 Library:NIST05.LIB
SI:90 Formula:C19H36O2 CAS:13481-95-3 MolWeight:296 RetIndex:2085
CompName:10-Octadecenoic acid, methyl ester $$ Methyl (10E)-10-octadecenoate # $$



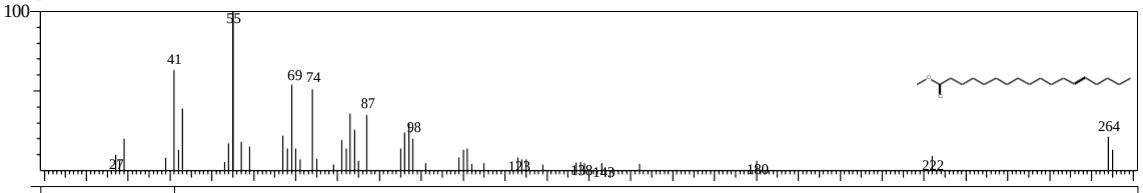
10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

Hit#:3 Entry:23570 Library:NIST05s.LIB
SI:90 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



10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

Hit#:4 Entry:98786 Library:NIST05.LIB
SI:90 Formula:C19H36O2 CAS:56554-47-3 MolWeight:296 RetIndex:2085
CompName:13-Octadecenoic acid, methyl ester $$ Methyl (13E)-13-octadecenoate # $$



10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

Hit#:5 Entry:23567 Library:NIST05s.LIB
SI:89 Formula:C19H36O2 CAS:2777-58-4 MolWeight:296 RetIndex:2085
CompName:6-Octadecenoic acid, methyl ester, (Z)- $$ Methyl cis-6-octadecenoate $$ Methyl petroselinate $$ Methyl (6Z)-6-octadecenoate # $$

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

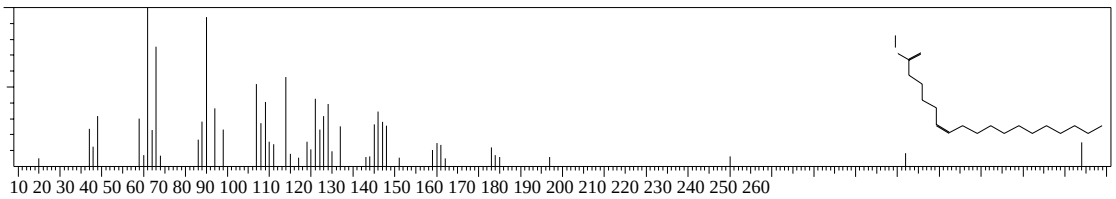
8
4

27

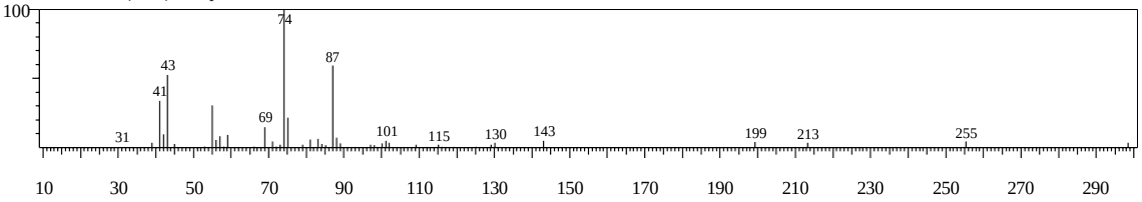
98

<< Target >>
Line#:5 R.Time:17.175(Scan#:1702) MassPeaks:80
RawMode:Single 17.175(1702) BasePeak:55.00(66885)
BG Mode:17.225(1708) Group 1 - Event 1
100

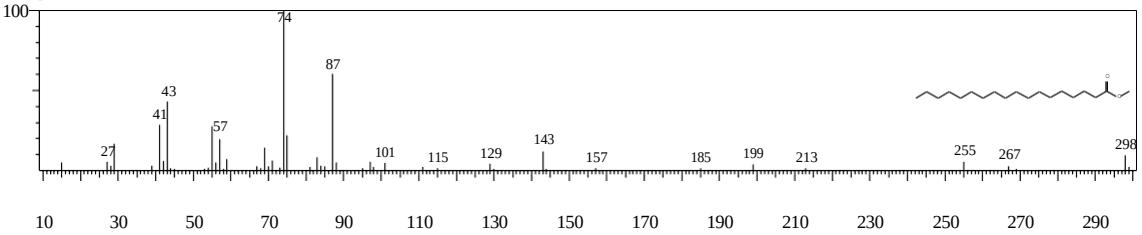
123 167 180 264
222
41 55



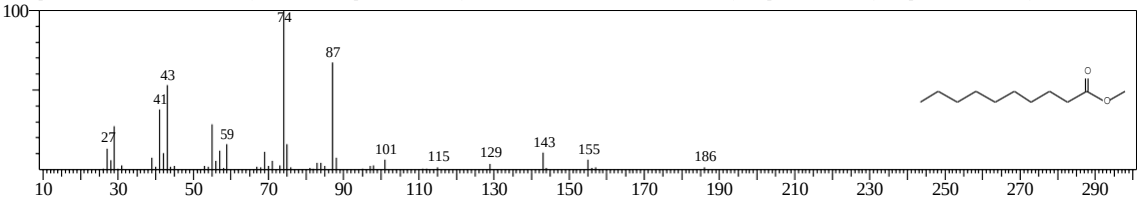
<< Target >>
Line#:6 R.Time:17.400(Scan#:1729) MassPeaks:59
RawMode:Single 17.400(1729) BasePeak:74.05(69312)
BG Mode:17.458(1736) Group 1 - Event 1



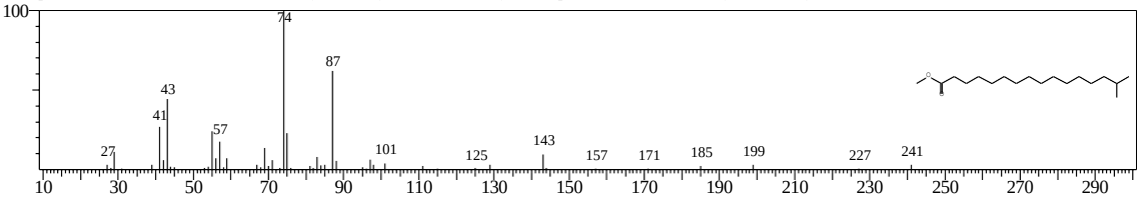
Hit#:1 Entry:100069 Library:NIST05.LIB
SI:91 Formula:C19H38O2 CAS:112-61-8 MolWeight:298 RetIndex:2077
CompName:Octadecanoic acid, methyl ester $$ Stearic acid, methyl ester $$ n-Octadecanoic acid, methyl ester $$ Kemester 9718 $$ Methyl n-octadecanoate $$



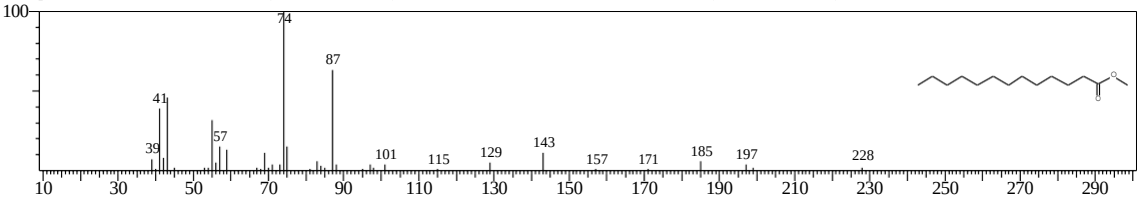
Hit#:2 Entry:14361 Library:NIST05s.LIB
SI:89 Formula:C11H22O2 CAS:110-42-9 MolWeight:186 RetIndex:1282
CompName:Decanoic acid, methyl ester $$ Capric acid methyl ester $$ Metholene 2095 $$ Methyl caprate $$ Methyl caprinate $$ Methyl decanoate $$ Methyl-



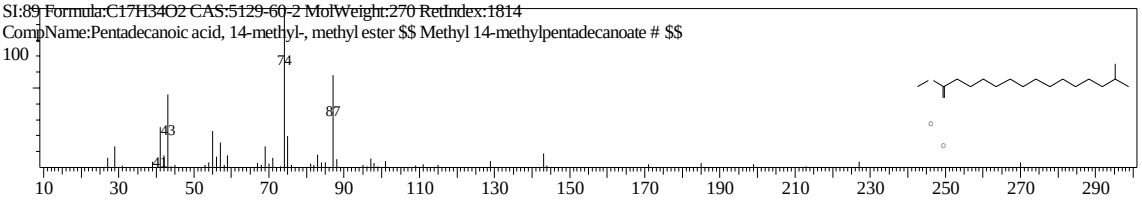
Hit#:3 Entry:22987 Library:NIST05s.LIB
SI:89 Formula:C18H36O2 CAS:6929-04-0 MolWeight:284 RetIndex:1914
CompName:Hexadecanoic acid, 15-methyl-, methyl ester $$ Methyl isoheptadecanoate $$ Methyl 15-methylhexadecanoate $$



Hit#:4 Entry:19255 Library:NIST05s.LIB
SI:89 Formula:C14H28O2 CAS:1731-88-0 MolWeight:228 RetIndex:1580
CompName:Tridecanoic acid, methyl ester $$ Methyl tridecanoate $$ n-Tridecanoic acid methyl ester $$ Methyl ester of tridecanoic acid $$

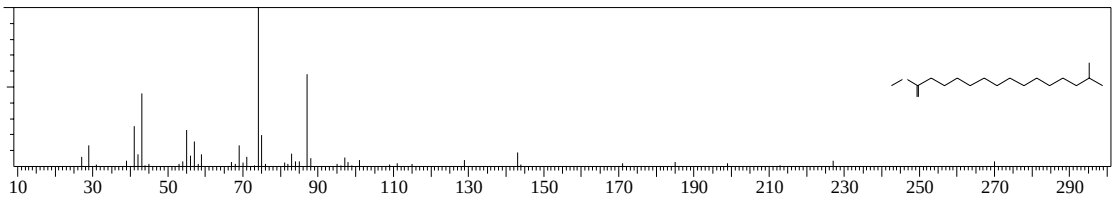


Hit#:5 Entry:22223 Library:NIST05s.LIB
SI:89 Formula:C17H34O2 CAS:5129-60-2 MolWeight:270 RetIndex:1814
CompName:Pentadecanoic acid, 14-methyl-, methyl ester $$ Methyl 14-methylpentadecanoate # $$

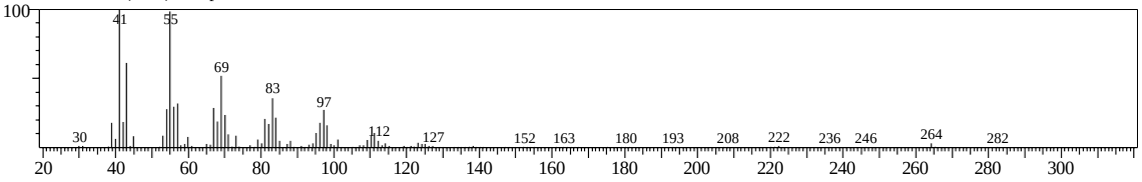


27 57 101 115 129 143 171 185 199 213 227 270

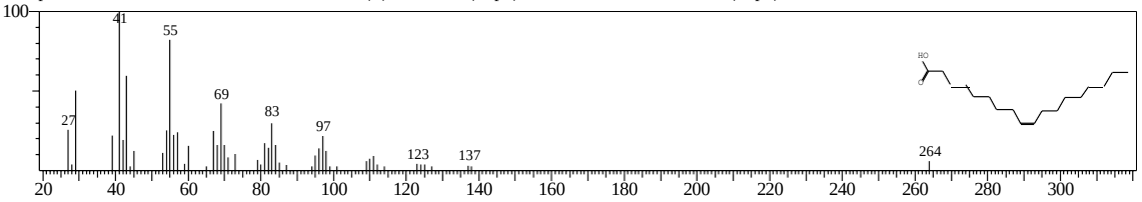
<< Target >>
Line#:6 R.Time:17.400(Scan#:1729) MassPeaks:59
RawMode:Single 17.400(1729) BasePeak:74.05(69312)
BG Mode:17.458(1736) Group 1 - Event 1
100 74



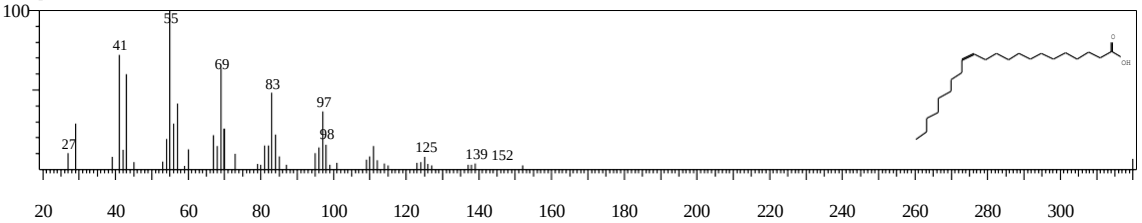
<< Target >>
Line#:7 R.Time:17.792(Scan#:1776) MassPeaks:131
RawMode:Single 17.792(1776) BasePeak:40.95(551373)
BG Mode:17.825(1780) Group 1 - Event 1



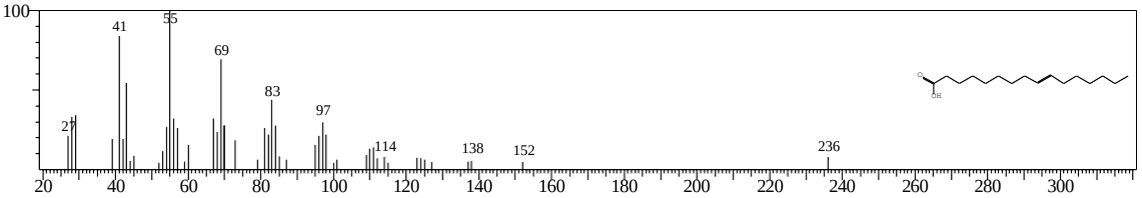
Hit#:1 Entry:22869 Library:NIST05s.LIB
SI:94 Formula:C18H34O2 CAS:112-80-1 MolWeight:282 RetIndex:2175
CompName:Oleic Acid $$ 9-Octadecenoic acid (Z)- $$ .delta.(Sup9)-cis-Oleic acid $$ cis-.delta.(Sup9)-Octadecenoic acid $$ cis-Oleic Acid $$ cis-9-Octadecen



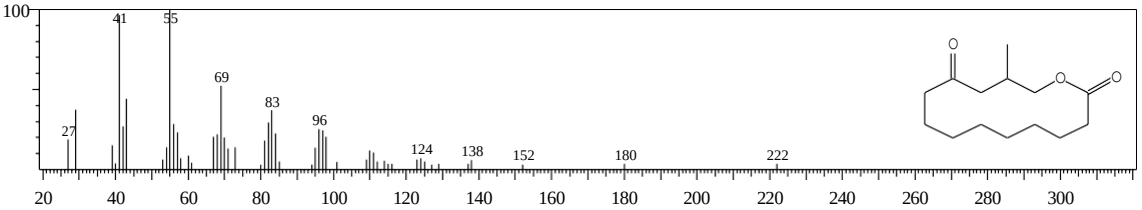
Hit#:2 Entry:121691 Library:NIST05.LIB
SI:91 Formula:C22H42O2 CAS:112-86-7 MolWeight:338 RetIndex:2572
CompName:Erucic acid $$ 13-Docosenoic acid, (Z)- $$ .delta.13-cis-Docosenoic acid $$ cis-13-Docosenoic acid $$ (Z)-13-Docosenoic acid $$ Prifrac 2990 $$



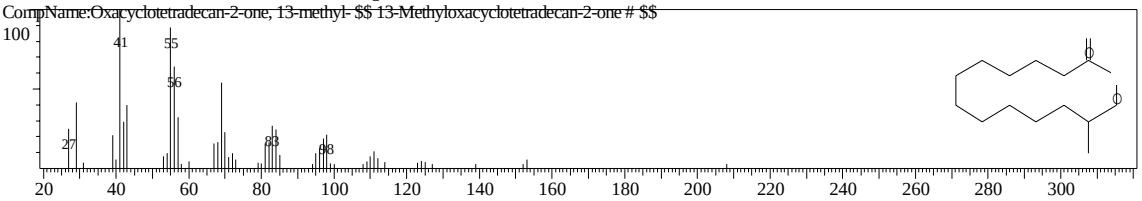
Hit#:3 Entry:73685 Library:NIST05.LIB
SI:91 Formula:C16H30O2 CAS:2091-29-4 MolWeight:254 RetIndex:1976
CompName:9-Hexadecenoic acid $$ (9E)-9-Hexadecenoic acid # $$



Hit#:4 Entry:65143 Library:NIST05.LIB
SI:90 Formula:C14H24O3 CAS:74685-36-2 MolWeight:240 RetIndex:2137 CompName:Oxacyclotetradecane-2,11-dione, 13-methyl- $$ 13-Methyloxacyclotetradecane-2,11-dione # $$

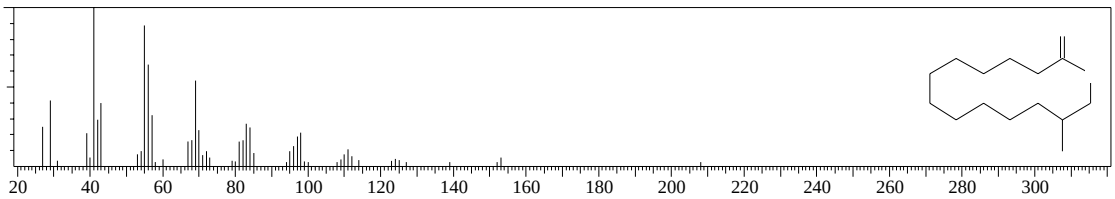


Hit#:5 Entry:56982 Library:NIST05.LIB
SI:90 Formula:C14H26O2 CAS:57092-32-7 MolWeight:226 RetIndex:1965
CompName:Oxacyclotetradecan-2-one, 13-methyl- $$ 13-Methyloxacyclotetradecan-2-one # $$

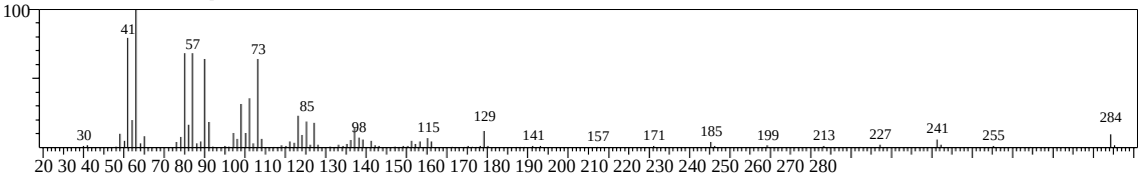


112 127
153
208

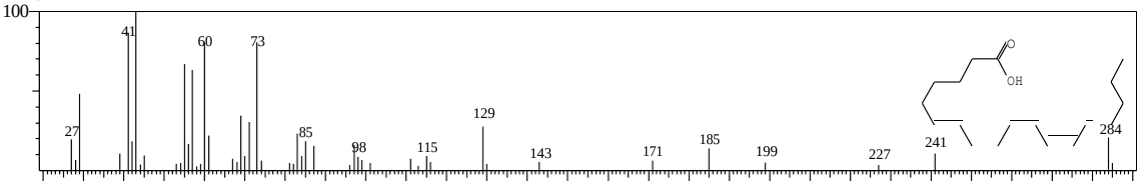
<< Target >>
Line#:7 R.Time:17.792(Scan#:1776) MassPeaks:131
RawMode:Single 17.792(1776) BasePeak:40.95(551373)
BG Mode:17.825(1780) Group 1 - Event 1
100 41 55



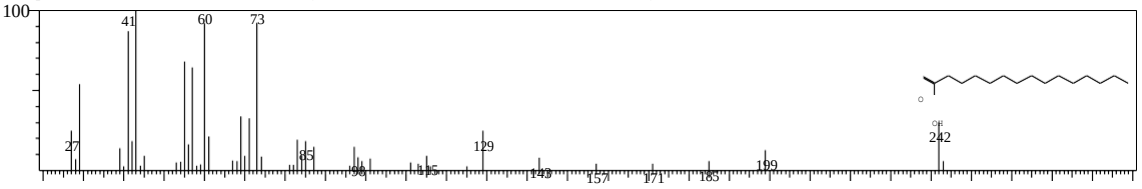
<< Target >>
Line#:8 R.Time:17.933(Scan#:1793) MassPeaks:102
RawMode:Single 17.933(1793) BasePeak:43.00(158339)
BG Mode:17.950(1795) Group 1 - Event 1



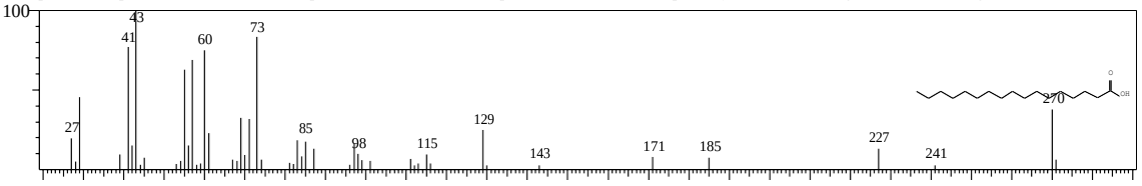
Hit#:1 Entry:22977 Library:NIST05s.LIB
SI:93 Formula:C18H36O2 CAS:57-11-4 MolWeight:284 RetIndex:2167
CompName:Octadecanoic acid $$ Stearic acid $$ n-Octadecanoic acid $$ Humko Industrene R $$ Hydrofol Acid 150 $$ Hystrene S-97 $$ Hystrene T-70 $$ Hys



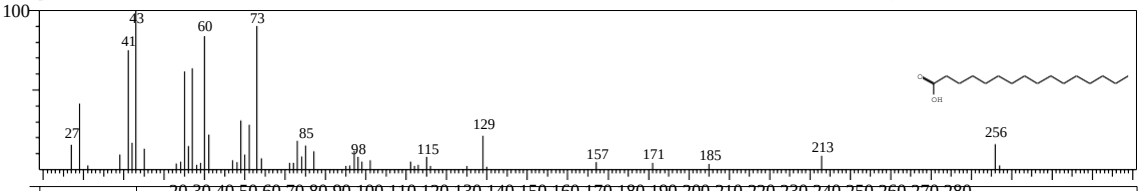
Hit#:2 Entry:66523 Library:NIST05.LIB
SI:92 Formula:C15H30O2 CAS:1002-84-2 MolWeight:242 RetIndex:1869
CompName:Pentadecanoic acid $$ Pentadecylic acid $$ n-Pentadecanoic acid $$ n-Pentadecylic acid $$



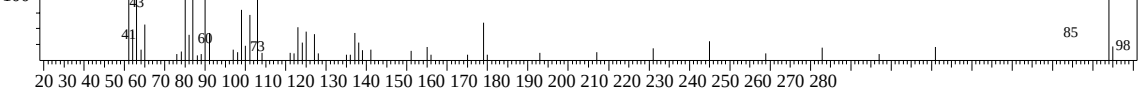
Hit#:3 Entry:22212 Library:NIST05s.LIB
SI:91 Formula:C17H34O2 CAS:506-12-7 MolWeight:270 RetIndex:2067
CompName:Heptadecanoic acid $$ n-Heptadecanoic acid $$ n-Heptadecoic acid $$ n-Heptadecylic acid $$ Margaric acid $$ Margarinic acid $$ Normal-heptade



Hit#:4 Entry:74999 Library:NIST05.LIB
SI:91 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:136237 Library:NIST05.LIB
SI:91 Formula:C22H44O4 CAS:106-11-6 MolWeight:372 RetIndex:2694
CompName:Octadecanoic acid, 2-(2-hydroxyethoxy)ethyl ester $$ Aqua Cera $$ Atlas G 2146 $$ Cerasynt $$ Cerasynt Special $$ Clindrol SDG $$ Diethylene



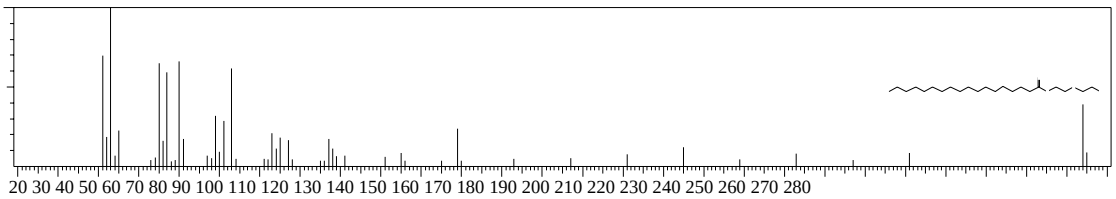
1
7
1

1 284
<< Target >>
Line#:8 R.Time:17.933(Scan#:1793) MassPeaks:102
RawMode:Single 17.933(1793) BasePeak:43.00(158339)
BG Mode:17.950(1795) Group 1 - Event 1
100 9
9

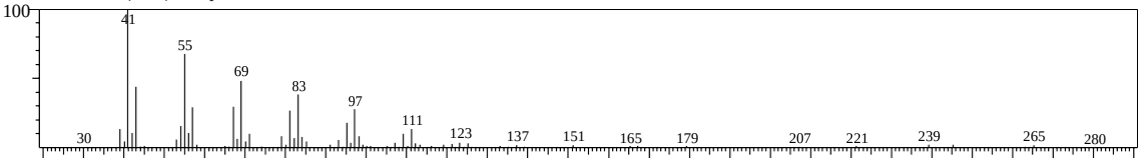
2
1
3

2
2
7

2
4
1

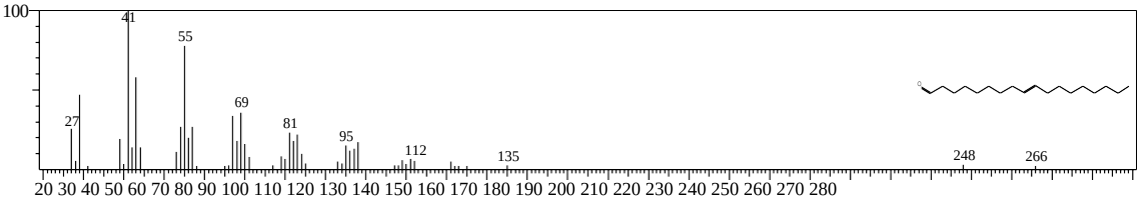


<< Target >>
Line#:9 R.Time:18.533(Scan#:1865) MassPeaks:94
RawMode:Single 18.533(1865) BasePeak:40.95(185220)
BG Mode:18.592(1872) Group 1 - Event 1



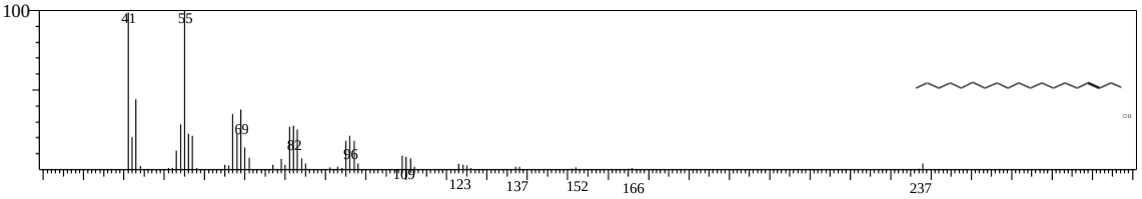
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:1 Entry:80928 Library:NIST05.LIB
SI:88 Formula:C18H34O CAS:5090-41-5 MolWeight:266 RetIndex:2007
CompName:9-Octadecenal $$ Octadecenyl aldehyde $$ (9E)-9-Octadecenal # $$



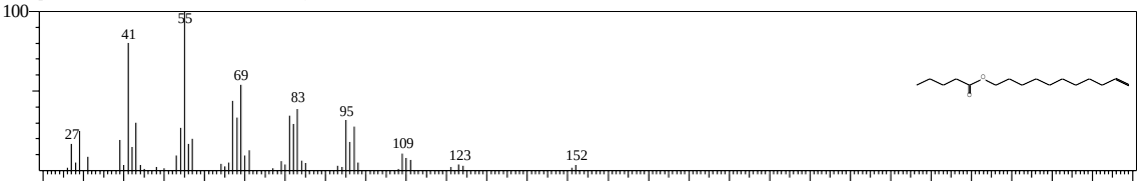
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:2 Entry:82261 Library:NIST05.LIB
SI:87 Formula:C18H36O CAS:0-00-0 MolWeight:268 RetIndex:2061
CompName:E-2-Octadecadecen-1-ol



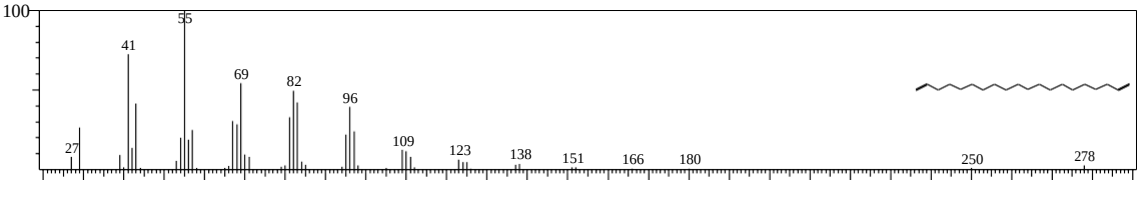
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:3 Entry:73684 Library:NIST05.LIB
SI:86 Formula:C16H30O2 CAS:0-00-0 MolWeight:254 RetIndex:1769
CompName:Pentanoic acid, 10-undecenyl ester



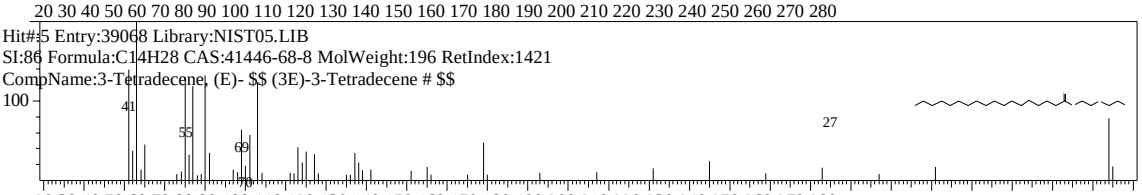
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:4 Entry:22677 Library:NIST05s.LIB
SI:86 Formula:C20H38 CAS:14811-95-1 MolWeight:278 RetIndex:1989
CompName:1,19-Eicosadiene $$ 1,19-Icosadiene # $$



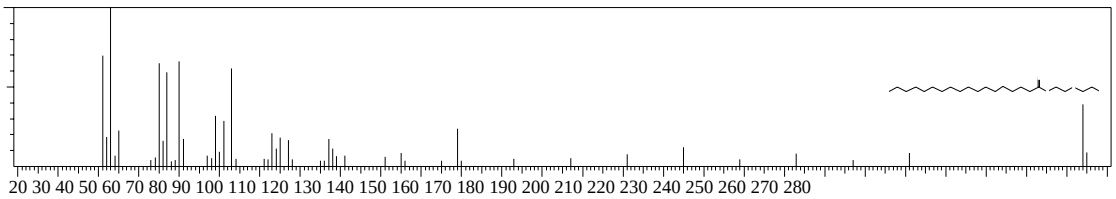
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:5 Entry:39068 Library:NIST05.LIB
SI:86 Formula:C14H28 CAS:41446-68-8 MolWeight:196 RetIndex:1421
CompName:3-Tetradecene, (E)- $$ (3E)-3-Tetradecene # $$

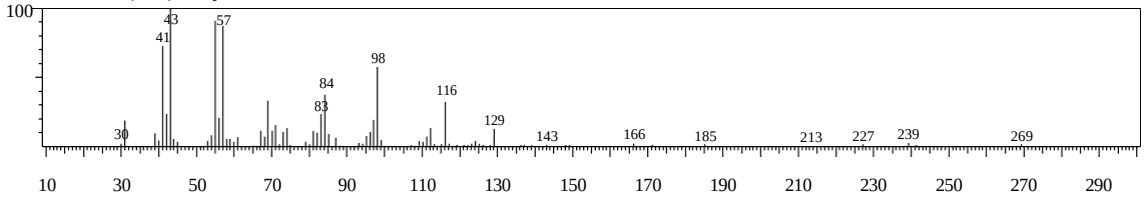


20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

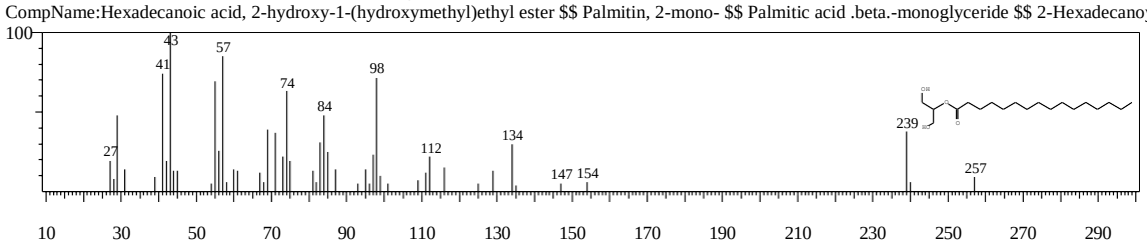
<< Target >>
97
Line#:9 R.Time:18.533(Scan#:1865) MassPeaks:94
RawMode:Single 18.533(1865) BasePeak:40.95(185220)
BG Mode:18.592(1872) Group 1 - Event 1
100



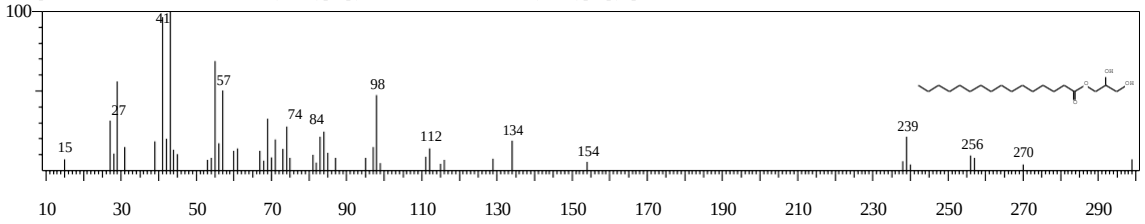
<< Target >>
Line#:10 R.Time:18.942(Scan#:1914) MassPeaks:96
RawMode:Single 18.942(1914) BasePeak:43.00(179034)
BG Mode:19.008(1922) Group 1 - Event 1



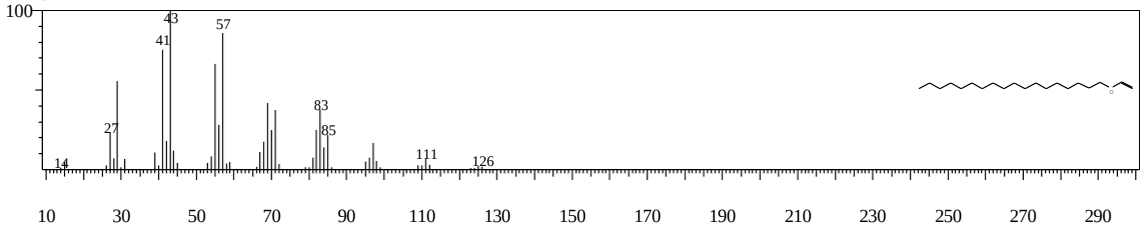
Hit#:1 Entry:117519 Library:NIST05.LIB
SI:85 Formula:C19H38O4 CAS:23470-00-0 MolWeight:330 RetIndex:2498
CompName:Hexadecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester $$ Palmitin, 2-mono- $$ Palmitic acid .beta.-monoglyceride $$ 2-Hexadecanoyl glycer



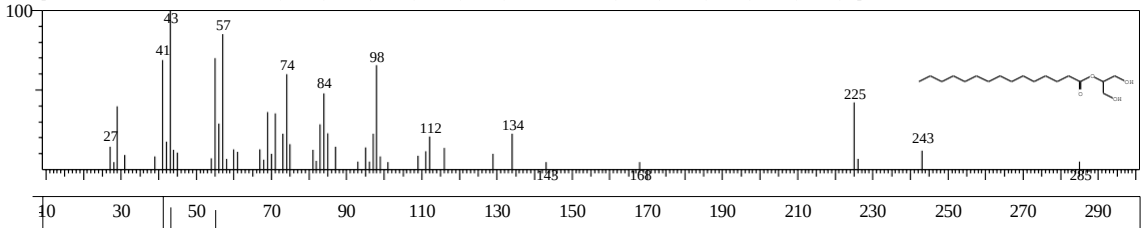
Hit#:2 Entry:117518 Library:NIST05.LIB
SI:85 Formula:C19H38O4 CAS:19670-51-0 MolWeight:330 RetIndex:2482
CompName:Hexadecanoic acid, 2,3-dihydroxypropyl ester, (.+/-.)- $$ 2,3-Dihydroxypropyl palmitate # $$



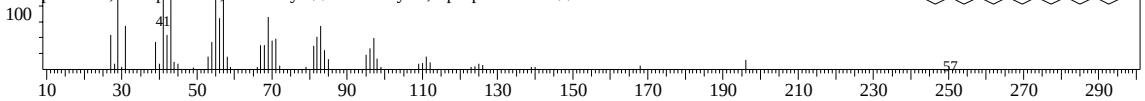
Hit#:3 Entry:23579 Library:NIST05s.LIB
SI:85 Formula:C20H40O CAS:930-02-9 MolWeight:296 RetIndex:2075
CompName:Octadecane, 1-(ethenyloxy)- $$ Ether, octadecyl vinyl $$ Octadecyl vinyl ether $$ Stearyl vinyl ether $$ Vinyl stearyl ether $$ Vinyl octadecyl ether



Hit#:4 Entry:110136 Library:NIST05.LIB
SI:85 Formula:C18H36O4 CAS:98863-01-5 MolWeight:316 RetIndex:2399
CompName:Pentadecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester $$ 2-Hydroxy-1-(hydroxymethyl)ethyl pentadecanoate # $$

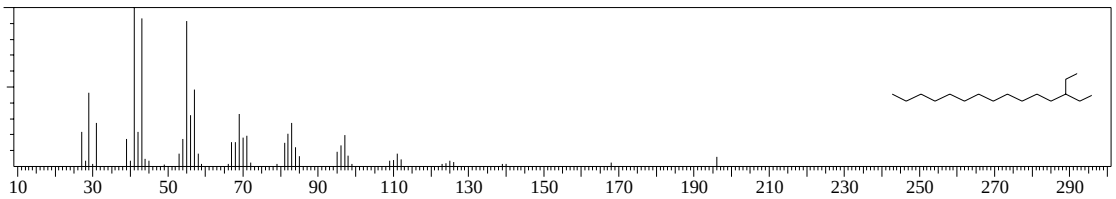


Hit#:5 Entry:67686 Library:NIST05.LIB
SI:85 Formula:C15H32O2 CAS:10395-09-2 MolWeight:244 RetIndex:1934
CompName:1,3-Propanediol, 2-dodecyl $$ 2-Dodecyl-1,3-propanediol # $$

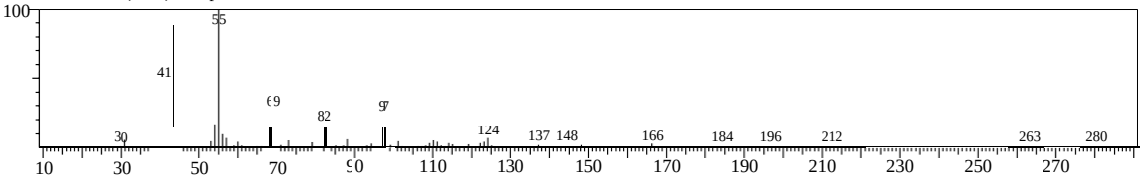


27 83 97 111 126 140 168 196

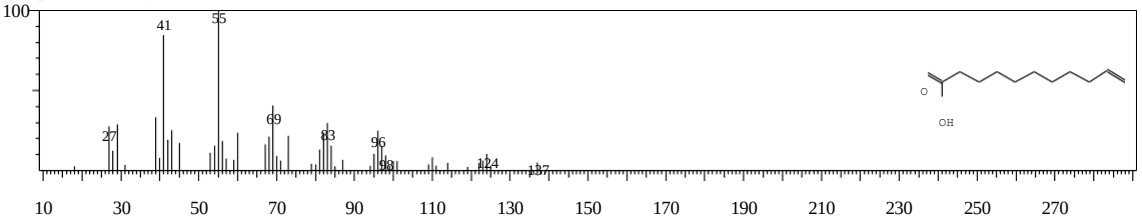
<< Target >>
Line#:10 R.Time:18.942(Scan#:1914) MassPeaks:96
RawMode:Single 18.942(1914) BasePeak:43.00(179034)
BG Mode:19.008(1922) Group 1 - Event 1
100
43 57



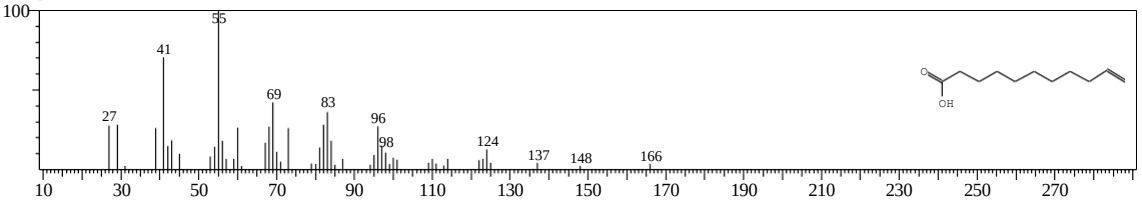
<< Target >>
Line#:11 R.Time:19.592(Scan#:1992) MassPeaks:112
RawMode:Single 19.592(1992) BasePeak:55.00(816923)
BG Mode:19.617(1995) Group 1 - Event 1



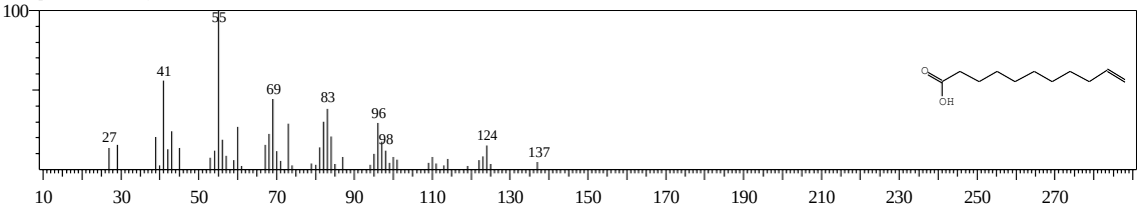
Hit#:1 Entry:14026 Library:NIST05s.LIB
SI:87 Formula:C11H20O2 CAS:112-38-9 MolWeight:184 RetIndex:1461
CompName:Undecylenic Acid $$ 10-Undecenoic acid $$ Declid $$ Desenex, solution $$ Renselin $$ Sevinon $$ Undec-10-enoic acid $$ 10-Hendecenoic acid



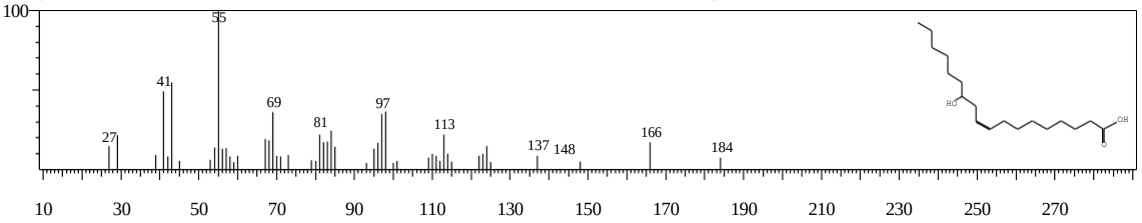
Hit#:2 Entry:14027 Library:NIST05s.LIB
SI:86 Formula:C11H20O2 CAS:112-38-9 MolWeight:184 RetIndex:1461
CompName:Undecylenic Acid $$ 10-Undecenoic acid $$ Declid $$ Desenex, solution $$ Renselin $$ Sevinon $$ Undec-10-enoic acid $$ 10-Hendecenoic acid



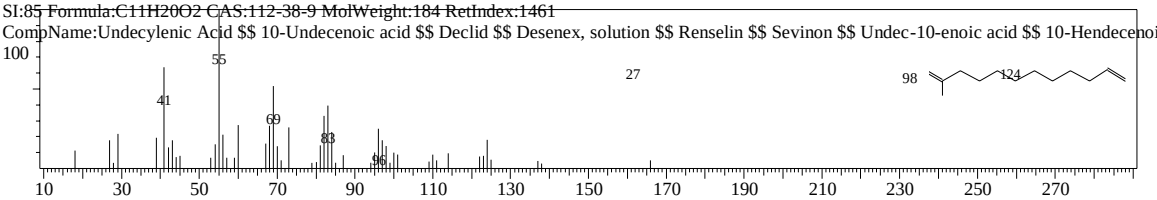
Hit#:3 Entry:14025 Library:NIST05s.LIB
SI:86 Formula:C11H20O2 CAS:112-38-9 MolWeight:184 RetIndex:1461
CompName:Undecylenic Acid $$ 10-Undecenoic acid $$ Declid $$ Desenex, solution $$ Renselin $$ Sevinon $$ Undec-10-enoic acid $$ 10-Hendecenoic acid



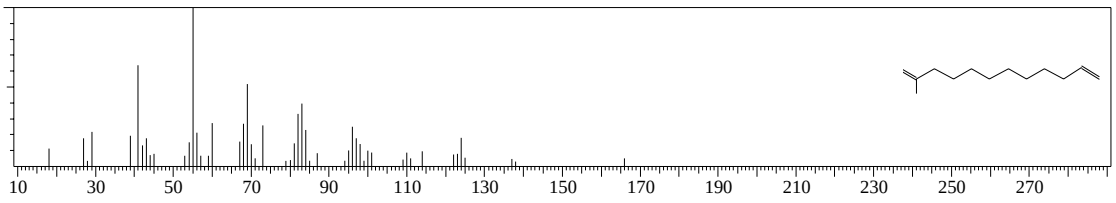
Hit#:4 Entry:23650 Library:NIST05s.LIB
SI:85 Formula:C18H34O3 CAS:141-22-0 MolWeight:298 RetIndex:2337
CompName:Ricinoleic acid $$ 9-Octadecenoic acid, 12-hydroxy-, [R-(Z)]- $$ l'acide ricinoleique $$ Oleic acid, 12-hydroxy- $$ Ricinic acid $$ Ricinolic acid $



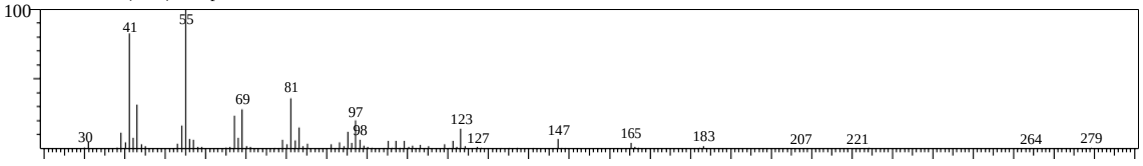
Hit#:5 Entry:32133 Library:NIST05.LIB
SI:85 Formula:C11H20O2 CAS:112-38-9 MolWeight:184 RetIndex:1461
CompName:Undecylenic Acid $$ 10-Undecenoic acid $$ Declid $$ Desenex, solution $$ Renselin $$ Sevinon $$ Undec-10-enoic acid $$ 10-Hendecenoic acid



<< Target >>
Line#:11 R.Time:19.592(Scan#:1992) MassPeaks:112
RawMode:Single 19.592(1992) BasePeak:55.00(816923)
BG Mode:19.617(1995) Group 1 - Event 1
100
55
137
166

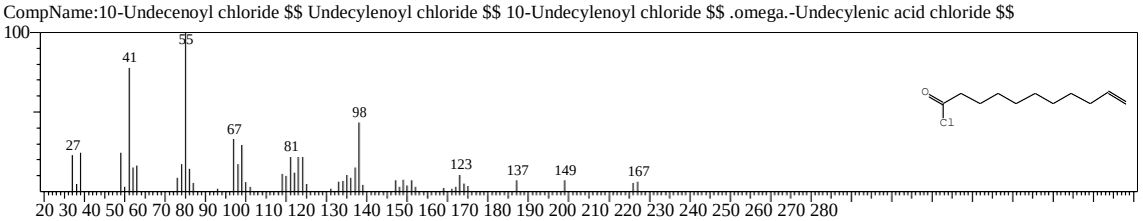


<< Target >>
Line#:12 R.Time:20.217(Scan#:2067) MassPeaks:94
RawMode:Single 20.217(2067) BasePeak:55.00(347029)
BG Mode:20.250(2071) Group 1 - Event 1



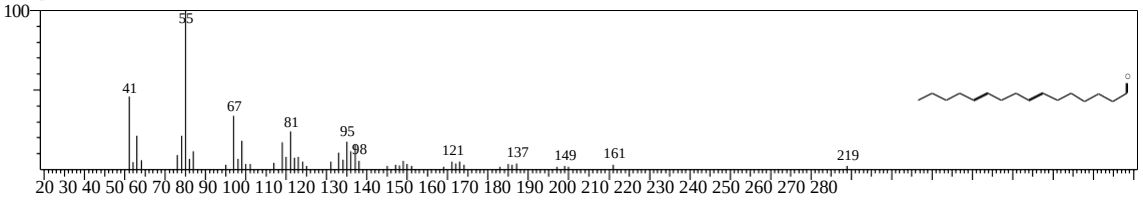
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:1 Entry:42044 Library:NIST05.LIB
SI:85 Formula:C11H19ClO CAS:38460-95-6 MolWeight:202 RetIndex:1417
CompName:10-Undecenoyl chloride $$ Undecylenoyl chloride $$ 10-Undecylenoyl chloride $$ .omega.-Undecylenic acid chloride $$



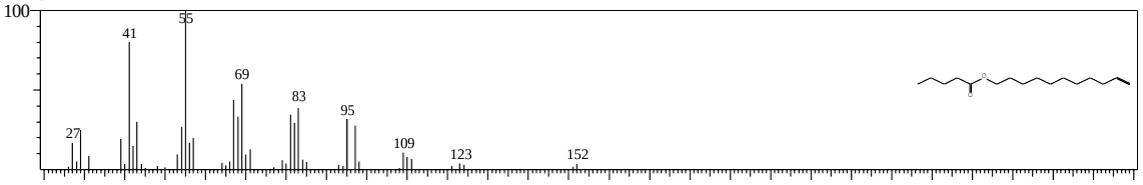
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:2 Entry:62876 Library:NIST05.LIB
SI:83 Formula:C16H28O CAS:0-00-0 MolWeight:236 RetIndex:1816
CompName:7,11-Hexadecadienal



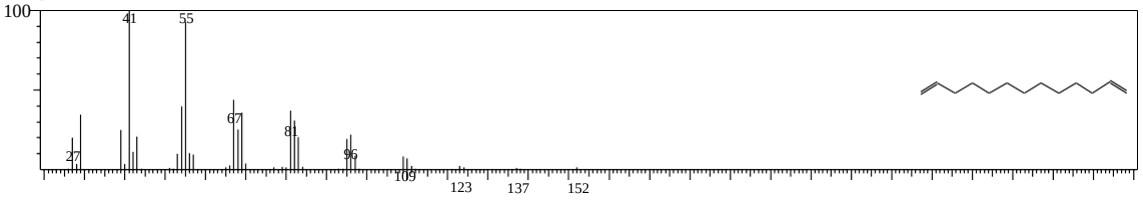
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:3 Entry:73684 Library:NIST05.LIB
SI:83 Formula:C16H30O2 CAS:0-00-0 MolWeight:254 RetIndex:1769
CompName:Pentanoic acid, 10-undecenyl ester



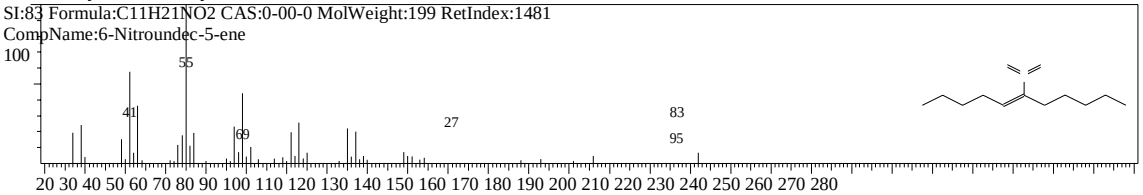
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:4 Entry:13485 Library:NIST05s.LIB
SI:83 Formula:C13H24 CAS:21964-48-7 MolWeight:180 RetIndex:1294
CompName:1,12-Tridecadiene



20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

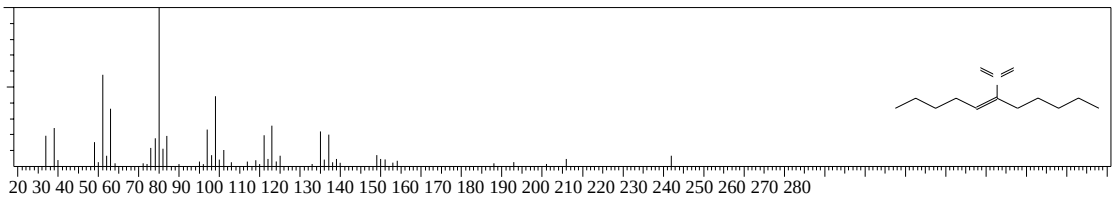
Hit#:5 Entry:40499 Library:NIST05.LIB
SI:83 Formula:C11H21NO2 CAS:0-00-0 MolWeight:199 RetIndex:1481
CompName:6-Nitroundec-5-ene



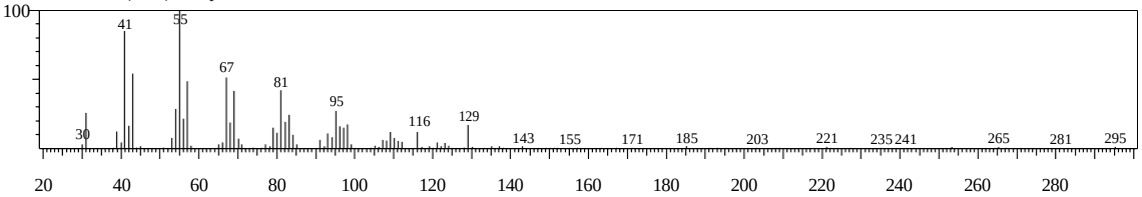
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

109 138 156 182

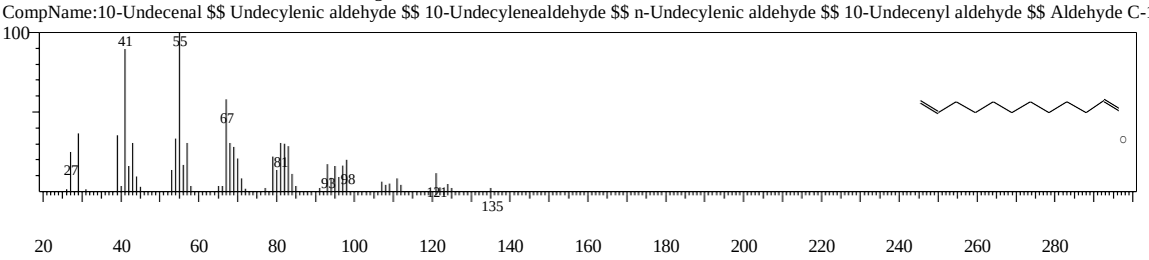
<< Target >>
Line#:12 R.Time:20.217(Scan#:2067) MassPeaks:94
RawMode:Single 20.217(2067) BasePeak:55.00(347029)
BG Mode:20.250(2071) Group 1 - Event 1
100
41 55



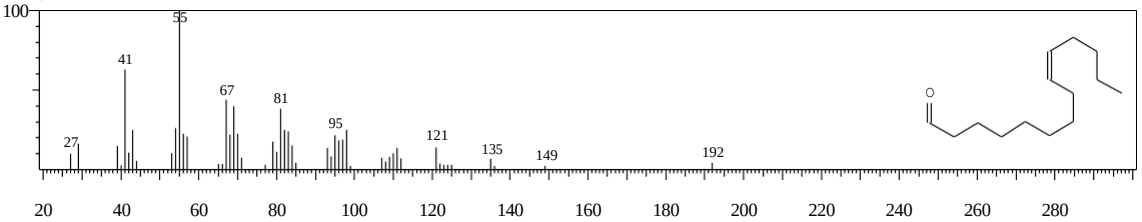
<< Target >>
Line#:13 R.Time:20.450(Scan#:2095) MassPeaks:123
RawMode:Single 20.450(2095) BasePeak:55.00(270414)
BG Mode:20.558(2108) Group 1 - Event 1



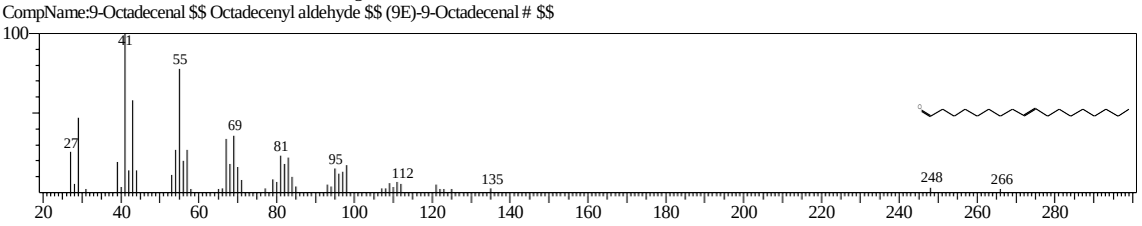
Hit#:1 Entry:11659 Library:NIST05s.LIB
SI:88 Formula:C11H20O CAS:112-45-8 MolWeight:168 RetIndex:1293
CompName:10-Undecenal $$ Undecylenic aldehyde $$ 10-Undecylenealdehyde $$ n-Undecylenic aldehyde $$ 10-Undecenyl aldehyde $$ Aldehyde C-11, unde



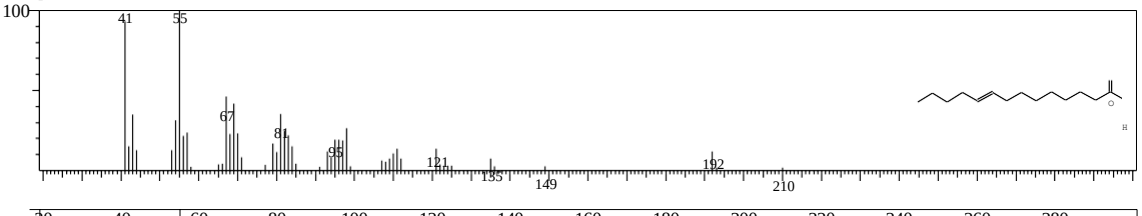
Hit#:2 Entry:47276 Library:NIST05.LIB
SI:88 Formula:C14H26O CAS:53939-27-8 MolWeight:210 RetIndex:1609
CompName:9-Tetradecenal, (Z)- $$ (Z)-9-Tetradecenal $$ Z-9-Tetradecenal $$ Z-9-Tetradecenol $$ (9Z)-9-Tetradecenal # $$ Z-9-Tetradecenal $$



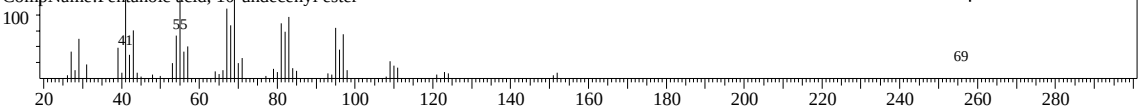
Hit#:3 Entry:80928 Library:NIST05.LIB
SI:88 Formula:C18H34O CAS:5090-41-5 MolWeight:266 RetIndex:2007
CompName:9-Octadecenal $$ Octadecenyl aldehyde $$ (9E)-9-Octadecenal # $$



Hit#:4 Entry:47273 Library:NIST05.LIB
SI:87 Formula:C14H26O CAS:0-00-0 MolWeight:210 RetIndex:1609
CompName:E-9-Tetradecenal

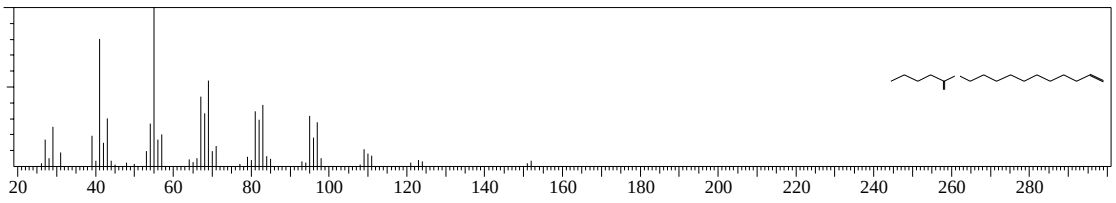


Hit#:5 Entry:73684 Library:NIST05.LIB
SI:87 Formula:C16H30O2 CAS:0-00-0 MolWeight:254 RetIndex:1769
CompName:Pentanoic acid, 10-undecenyl ester

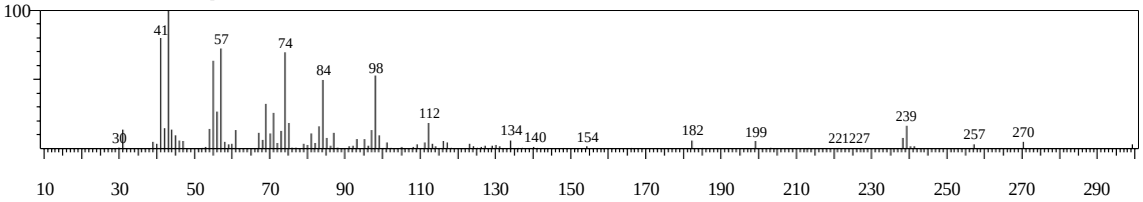


83
95
27
109
123
152

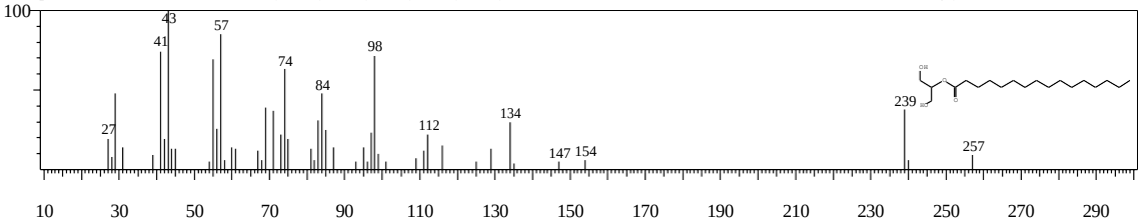
<< Target >>
Line#:13 R.Time:20.450(Scan#:2095) MassPeaks:123
RawMode:Single 20.450(2095) BasePeak:55.00(270414)
BG Mode:20.558(2108) Group 1 - Event 1
100
41
55



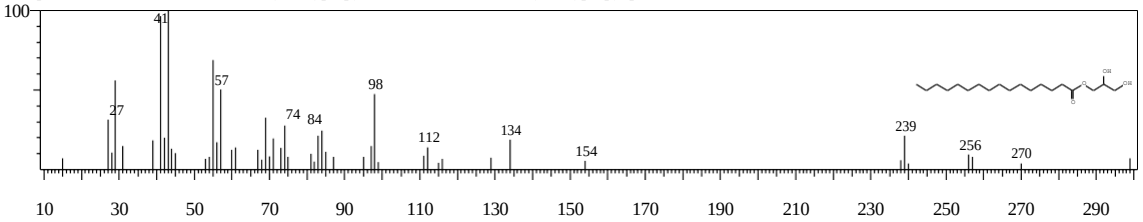
<< Target >>
Line#:14 R.Time:20.842(Scan#:2142) MassPeaks:105
RawMode:Single 20.842(2142) BasePeak:43.00(39287)
BG Mode:20.867(2145) Group 1 - Event 1



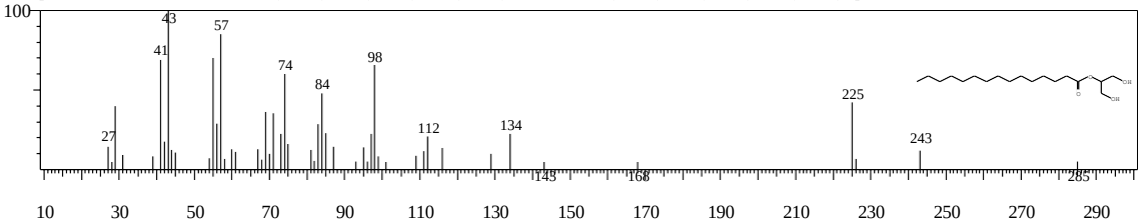
Hit#:1 Entry:117519 Library:NIST05.LIB
SI:88 Formula:C19H38O4 CAS:23470-00-0 MolWeight:330 RetIndex:2498
CompName:Hexadecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester $$ Palmitin, 2-mono- $$ Palmitic acid .beta.-monoglyceride $$ 2-Hexadecanoyl glycer



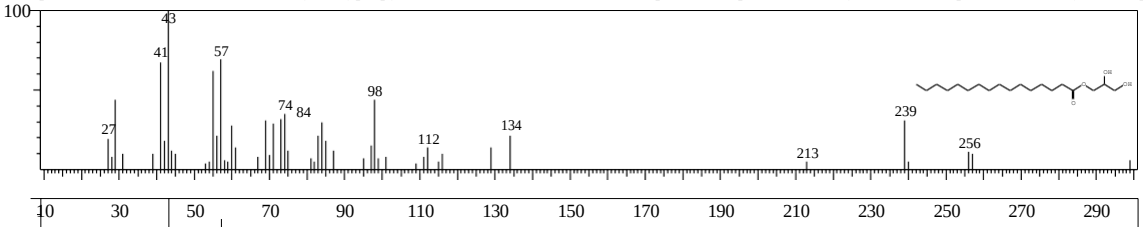
Hit#:2 Entry:117518 Library:NIST05.LIB
SI:87 Formula:C19H38O4 CAS:19670-51-0 MolWeight:330 RetIndex:2482
CompName:Hexadecanoic acid, 2,3-dihydroxypropyl ester, (.+/-.)- $$ 2,3-Dihydroxypropyl palmitate # $$



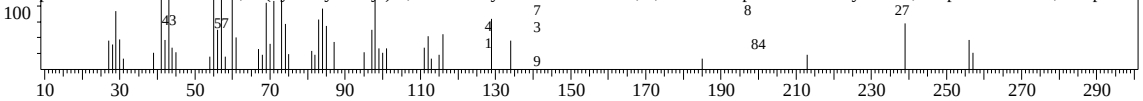
Hit#:3 Entry:110136 Library:NIST05.LIB
SI:86 Formula:C18H36O4 CAS:98863-01-5 MolWeight:316 RetIndex:2399
CompName:Pentadecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester $$ 2-Hydroxy-1-(hydroxymethyl)ethyl pentadecanoate # $$



Hit#:4 Entry:117520 Library:NIST05.LIB
SI:86 Formula:C19H38O4 CAS:542-44-9 MolWeight:330 RetIndex:2482
CompName:Hexadecanoic acid, 2,3-dihydroxypropyl ester $$ Palmitin, 1-mono- $$ .alpha.-Monopalmitin $$ Glycerol 1-monopalmitate $$ Glycerol 1-palmitate



Hit#:5 Entry:160165 Library:NIST05.LIB
SI:83 Formula:C35H68O5 CAS:761-35-3 MolWeight:568 RetIndex:4013
CompName:Hexadecanoic acid, 1-(hydroxymethyl)-1,2-ethanediyl ester $$ Palmitin, 1,2-di- $$ Dipalmitin $$ Glycerol 1,2-dipalmitate $$ 1,2-Dipalmitin $$ 1,2



116

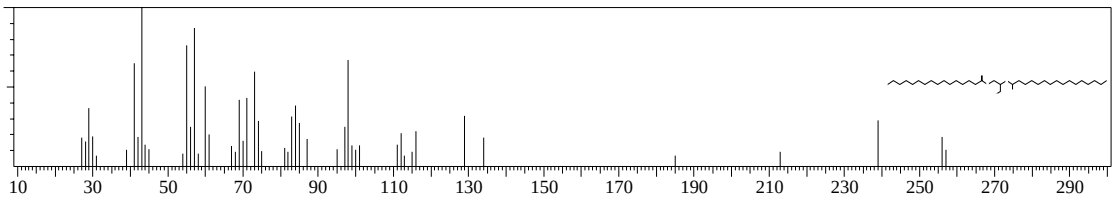
<< Target >>129
Line#:14 R.Time:20.842(Scan#:2142) MassPeaks:105

239

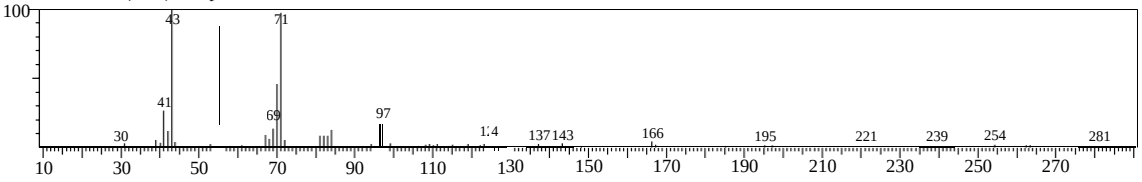
256

185

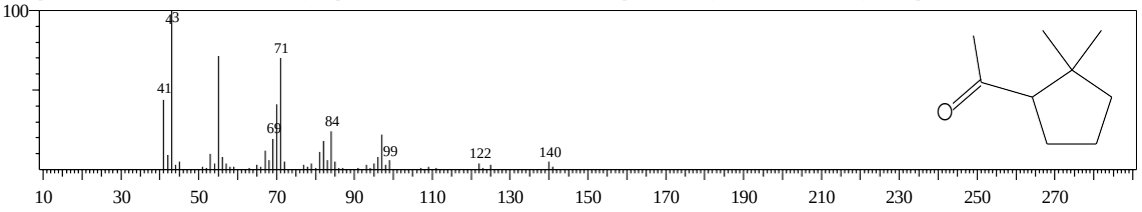
213



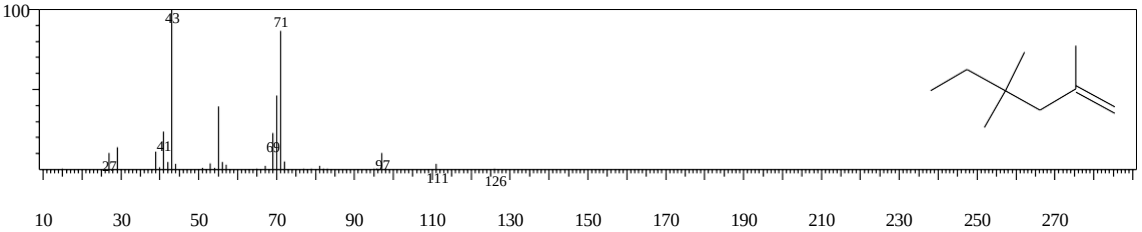
<< Target >>
Line#:15 R.Time:21.567(Scan#:2229) MassPeaks:87
RawMode:Single 21.567(2229) BasePeak:43.00(109293)
BG Mode:21.608(2234) Group 1 - Event 1



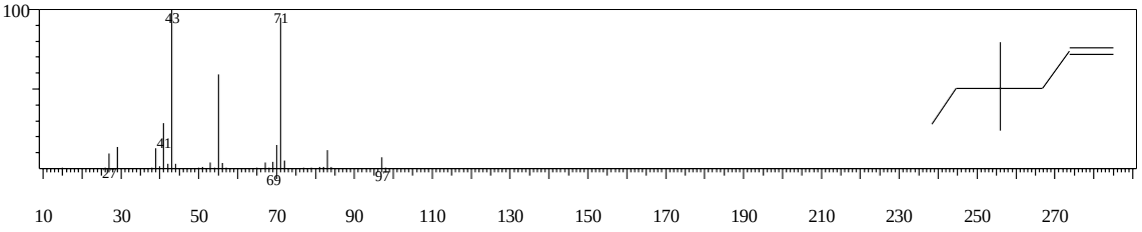
Hit#:1 Entry:10977 Library:NIST05.LIB
SI:84 Formula:C9H16O CAS:3664-75-3 MolWeight:140 RetIndex:1031
CompName:Ethanone, 1-(2,2-dimethylcyclopentyl)- $$ Ketone, 2,2-dimethylcyclopentyl methyl $$ 1-(2,2-Dimethylcyclopentyl)ethanone # $$



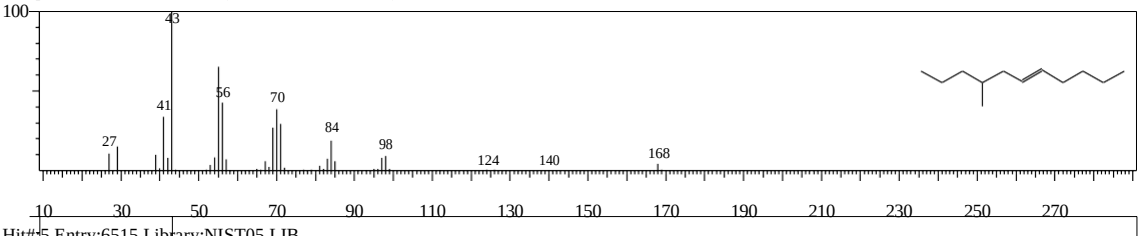
Hit#:2 Entry:4638 Library:NIST05s.LIB
SI:84 Formula:C9H18 CAS:51174-12-0 MolWeight:126 RetIndex:799
CompName:2,4,4-Trimethyl-1-hexene



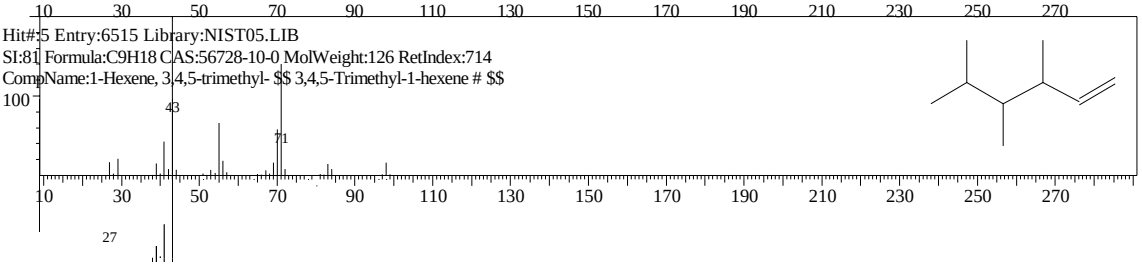
Hit#:3 Entry:3571 Library:NIST05.LIB
SI:84 Formula:C8H16 CAS:1647-08-1 MolWeight:112 RetIndex:722
CompName:4,4-Dimethyl-1-hexene $$ 1-Hexene, 4,4-dimethyl- $$



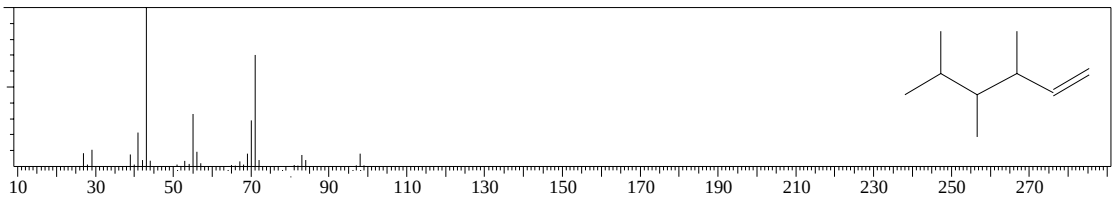
Hit#:4 Entry:23806 Library:NIST05.LIB
SI:82 Formula:C12H24 CAS:39546-85-5 MolWeight:168 RetIndex:1158
CompName:5-Undecene, 8-methyl-, (E)- $$ (5E)-8-Methyl-5-undecene # $$



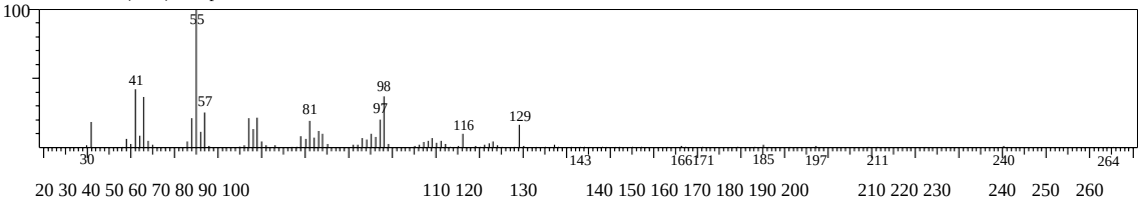
Hit#:5 Entry:6515 Library:NIST05.LIB
SI:81 Formula:C9H18 CAS:56728-10-0 MolWeight:126 RetIndex:714
CompName:1-Hexene, 3,4,5-trimethyl- $$ 3,4,5-Trimethyl-1-hexene # $$



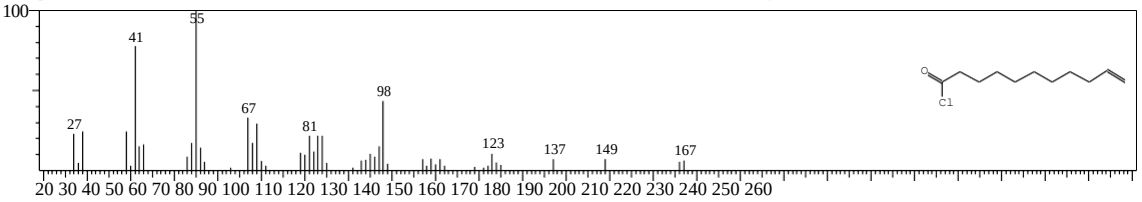
<< Target >>
Line#:15 R.Time:21.567(Scan#:2229) MassPeaks:87
RawMode:Single 21.567(2229) BasePeak:43.00(109293)
BG Mode:21.608(2234) Group 1 - Event 1



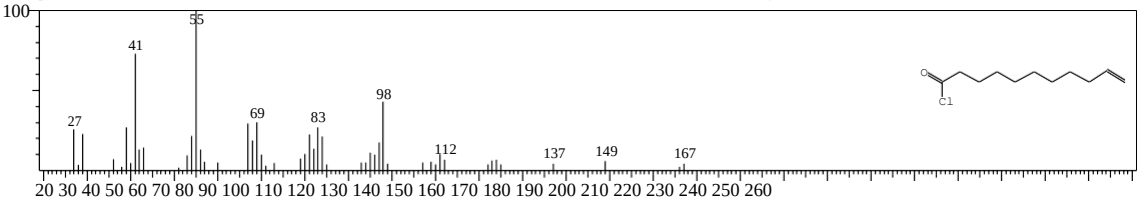
<< Target >>
Line#:16 R.Time:22.150(Scan#:2299) MassPeaks:109
RawMode:Single 22.150(2299) BasePeak:55.00(304621)
BG Mode:22.233(2309) Group 1 - Event 1



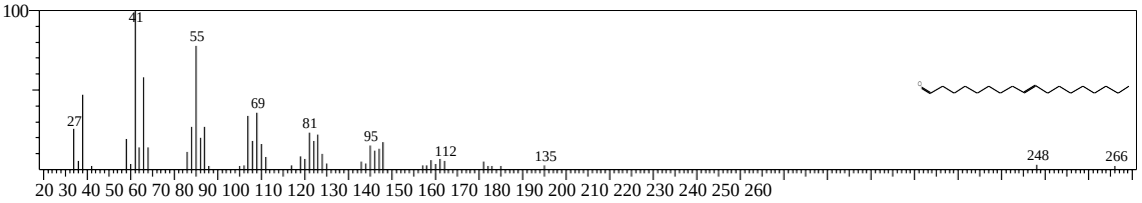
Hit#:1 Entry:42044 Library:NIST05.LIB
SI:84 Formula:C11H19ClO CAS:38460-95-6 MolWeight:202 RetIndex:1417
CompName:10-Undecenoyl chloride $$ Undecylenoyl chloride $$ 10-Undecylenoyl chloride $$ .omega.-Undecylenic acid chloride $$



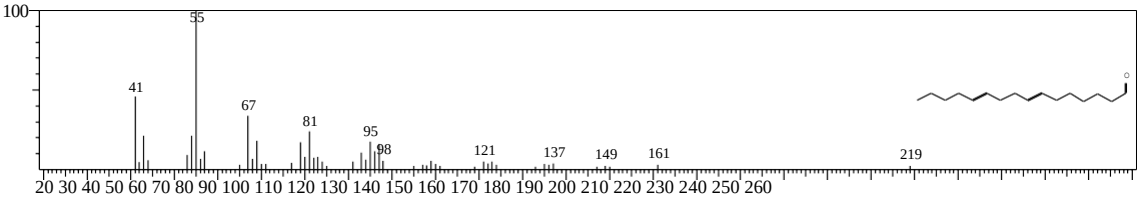
Hit#:2 Entry:16417 Library:NIST05s.LIB
SI:83 Formula:C11H19ClO CAS:38460-95-6 MolWeight:202 RetIndex:1417
CompName:10-Undecenoyl chloride $$ Undecylenoyl chloride $$ 10-Undecylenoyl chloride $$ .omega.-Undecylenic acid chloride $$



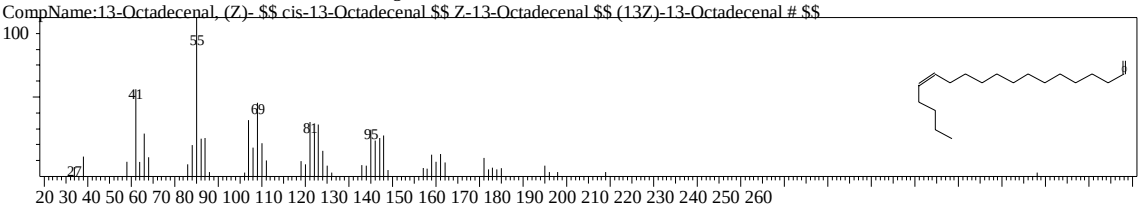
Hit#:3 Entry:80928 Library:NIST05.LIB
SI:83 Formula:C18H34O CAS:5090-41-5 MolWeight:266 RetIndex:2007
CompName:9-Octadecenal $$ Octadecenyl aldehyde $$ (9E)-9-Octadecenal # $$



Hit#:4 Entry:62876 Library:NIST05.LIB
SI:83 Formula:C16H28O CAS:0-00-0 MolWeight:236 RetIndex:1816
CompName:7,11-Hexadecadienal

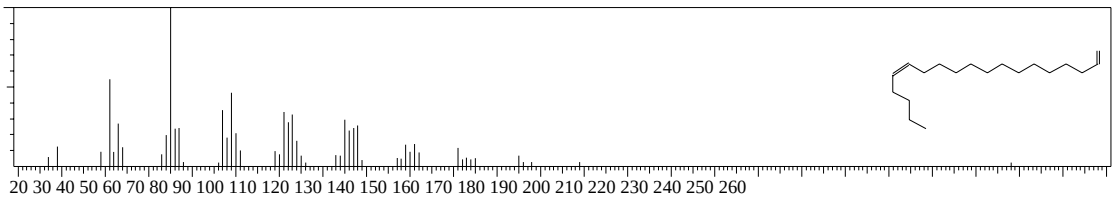


Hit#:5 Entry:80936 Library:NIST05.LIB
SI:83 Formula:C18H34O CAS:58594-45-9 MolWeight:266 RetIndex:2007
CompName:13-Octadecenal, (Z)- $$ cis-13-Octadecenal $$ Z-13-Octadecenal $$ (13Z)-13-Octadecenal # $$

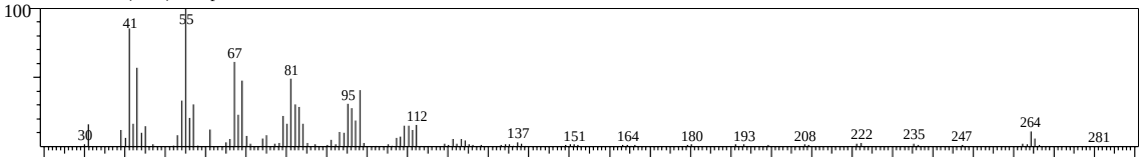


121
135
149
248

<< Target >>
Line#:16 R.Time:22.150(Scan#:2299) MassPeaks:109
RawMode:Single 22.150(2299) BasePeak:55.00(304621)
BG Mode:22.233(2309) Group 1 - Event 1
100
55

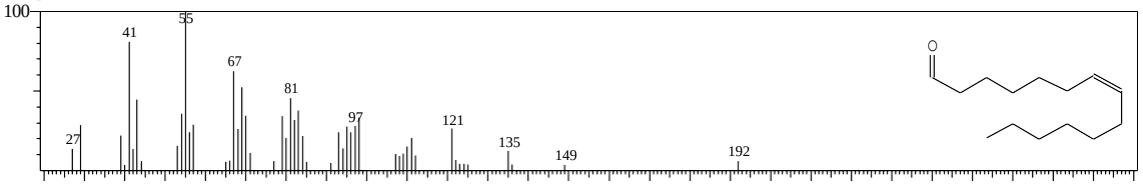


<< Target >>
Line#:17 R.Time:22.442(Scan#:2334) MassPeaks:112
RawMode:Single 22.442(2334) BasePeak:55.00(143168)
BG Mode:22.350(2323) Group 1 - Event 1



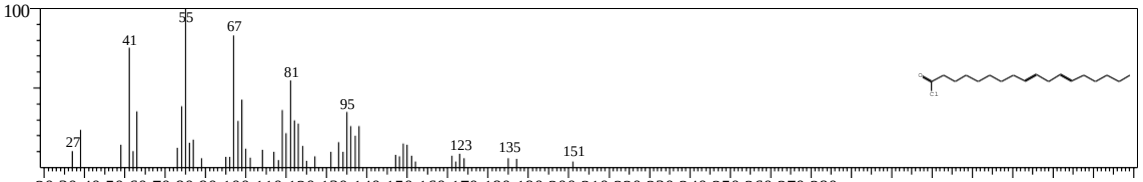
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:1 Entry:47275 Library:NIST05.LIB
SI:88 Formula:C14H26O CAS:65128-96-3 MolWeight:210 RetIndex:1609
CompName:7-Tetradecenal, (Z)- $$ Z-7-Tetradecenal $$ (7Z)-7-Tetradecenal # $$



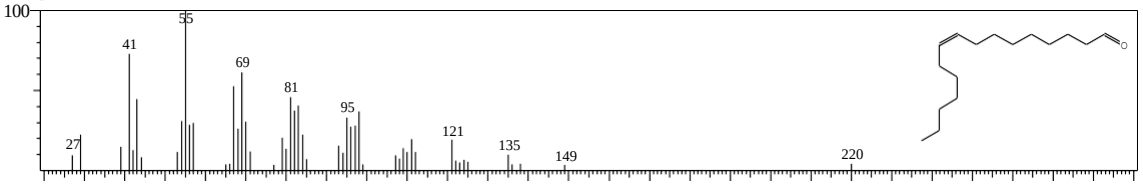
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:2 Entry:23649 Library:NIST05s.LIB
SI:88 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



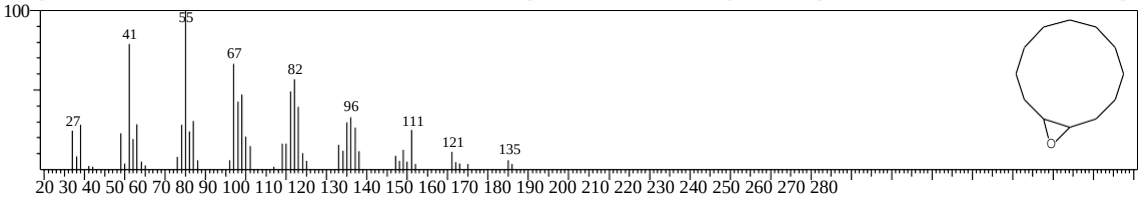
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:3 Entry:20037 Library:NIST05s.LIB
SI:88 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 # $$



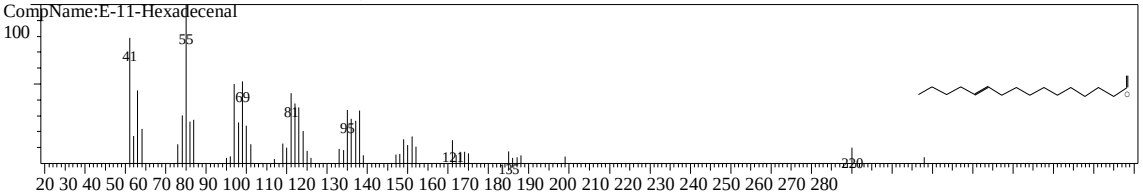
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

Hit#:4 Entry:31249 Library:NIST05.LIB
SI:88 Formula:C12H22O CAS:286-99-7 MolWeight:182 RetIndex:1450
CompName:13-Oxabicyclo[10.1.0]tridecane $$ Cyclododecane, 1,2-epoxy- $$ Cyclododecene epoxide $$ Epoxycyclododecane $$ Cyclododecane epoxide $$ C



20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

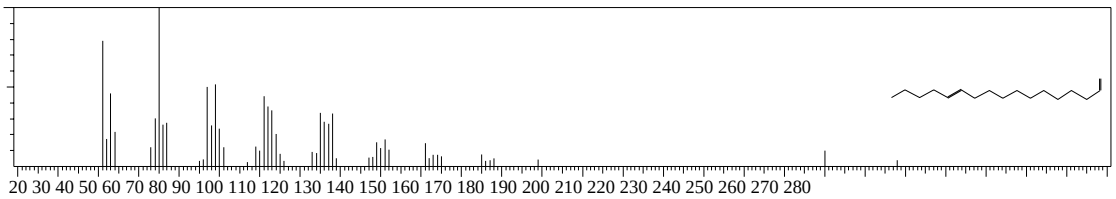
Hit#:5 Entry:64126 Library:NIST05.LIB
SI:87 Formula:C16H30O CAS:0-00-0 MolWeight:238 RetIndex:1808
CompName:E-11-Hexadecenal



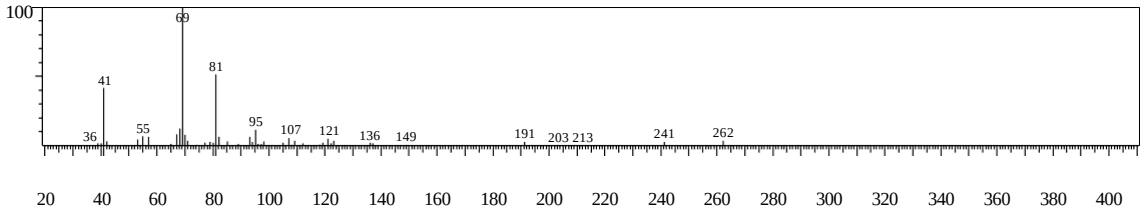
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

149 238

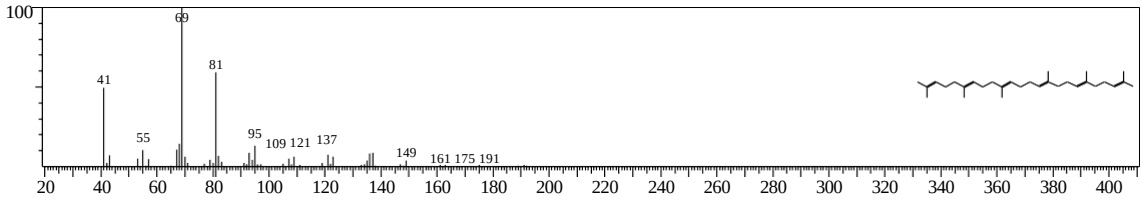
<< Target >>
Line#:17 R.Time:22.442(Scan#:2334) MassPeaks:112
RawMode:Single 22.442(2334) BasePeak:55.00(143168)
BG Mode:22.350(2323) Group 1 - Event 1
100
41 55



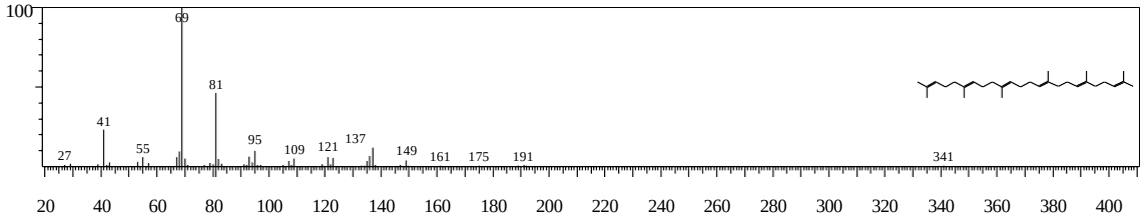
<< Target >>
Line#:18 R.Time:23.658(Scan#:2480) MassPeaks:78
RawMode:Single 23.658(2480) BasePeak:69.05(71358)
BG Mode:23.692(2484) Group 1 - Event 1



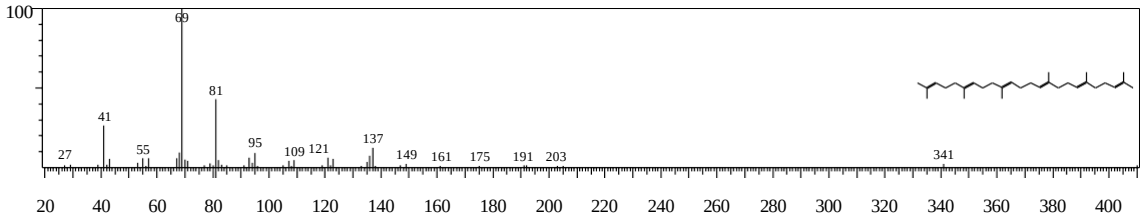
Hit#:1 Entry:26669 Library:NIST05s.LIB
SI:89 Formula:C30H50 CAS:7683-64-9 MolWeight:410 RetIndex:2914
CompName:Squalene $$ 2,6,10,14,18,22-Tetracosahexaene, 2,6,10,15,19,23-hexamethyl- $$ Skvalen $$ Spinacene $$ Supraene $$ (6E,10E,14E,18E)-2,6,10,1



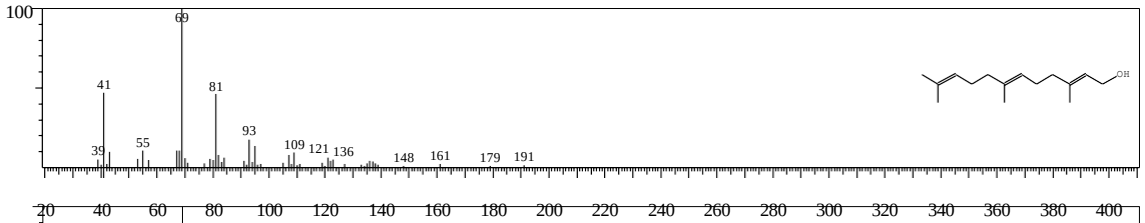
Hit#:2 Entry:26668 Library:NIST05s.LIB
SI:88 Formula:C30H50 CAS:7683-64-9 MolWeight:410 RetIndex:2914
CompName:Squalene $$ 2,6,10,14,18,22-Tetracosahexaene, 2,6,10,15,19,23-hexamethyl- $$ Skvalen $$ Spinacene $$ Supraene $$ (6E,10E,14E,18E)-2,6,10,1



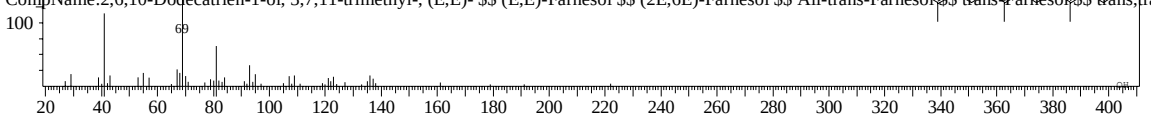
Hit#:3 Entry:26671 Library:NIST05s.LIB
SI:88 Formula:C30H50 CAS:111-02-4 MolWeight:410 RetIndex:2914
CompName:2,6,10,14,18,22-Tetracosahexaene, 2,6,10,15,19,23-hexamethyl-, (all-E)- $$ All-trans-Squalene $$ trans-Squalene $$ Spinacen $$ Spinacene $$ Sq



Hit#:4 Entry:54489 Library:NIST05.LIB
SI:87 Formula:C15H26O CAS:0-00-0 MolWeight:222 RetIndex:1710
CompName:Farnesol isomer a



Hit#:5 Entry:18658 Library:NIST05s.LIB
SI:86 Formula:C15H26O CAS:106-28-5 MolWeight:222 RetIndex:1710
CompName:2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-, (E,E)- $$ (E,E)-Farnesol $$ (2E,6E)-Farnesol $$ All-trans-Farnesol $$ trans-Farnesol $$ trans,trans-Far



41
81
93
27 55 109 123 136 161 179 191 222

<< Target >>
Line#:18 R.Time:23.658(Scan#:2480) MassPeaks:78