© 2020 Journal of Pharmacy & Pharmacognosy Research, 8 (3), 191-200, 2020
ISSN 0719-4250
http://jppres.com/jppres

Original Article | Artículo Original

The GC-MS fingerprints of *Nicotiana tabacum* L. extract and propensity for renal impairment and modulation of serum triglycerides in Wistar rats

[Las huellas digitales por GC-MS de extracto de *Nicotiana tabacum* L. y la propensión a la insuficiencia renal y la modulación de los triglicéridos en suero en ratas Wistar]

Faoziyat A. Sulaiman[1], Mikail O. Nafiu[1], Babalola O. Yusuf[1], Hamdalat F. Muritala[1], Sherif B. Adeyemi[2], Sikemi A. Omar[1], Kehinde A. Dosumu[1], Zainab J. Adeoti[1], Oluwafunmilayo A. Adegbesan[1], Basirat O. Busari[1], David A. Otohinoyi[3], Damilare Rotimi[4], Gaber E. Batiha[5], Oluyomi S. Adeyemi[4]*

[1]Department of Biochemistry, University of Ilorin, PMB 1515, Ilorin, Nigeria.
[2]Ethnobotany Unit, Department of Plant Biology, University of Ilorin, Nigeria.
[3]College of Medicine, All Saints University, Saint Vincent and Grenadines.
[4]Department of Biochemistry, Medicinal Biochemistry, Nanomedicine & Toxicology Laboratory, Landmark University, PMB 1001, Omu-Aran - 251101, Nigeria.
[5]Department of Pharmacology and Therapeutics, Faculty of Veterinary Medicine, Damanhour University, Damanhour 22511, AlBeheira, Egypt.
*E-mail: adeyemi.oluyomi@lmu.edu.ng; yomibowa@yahoo.com

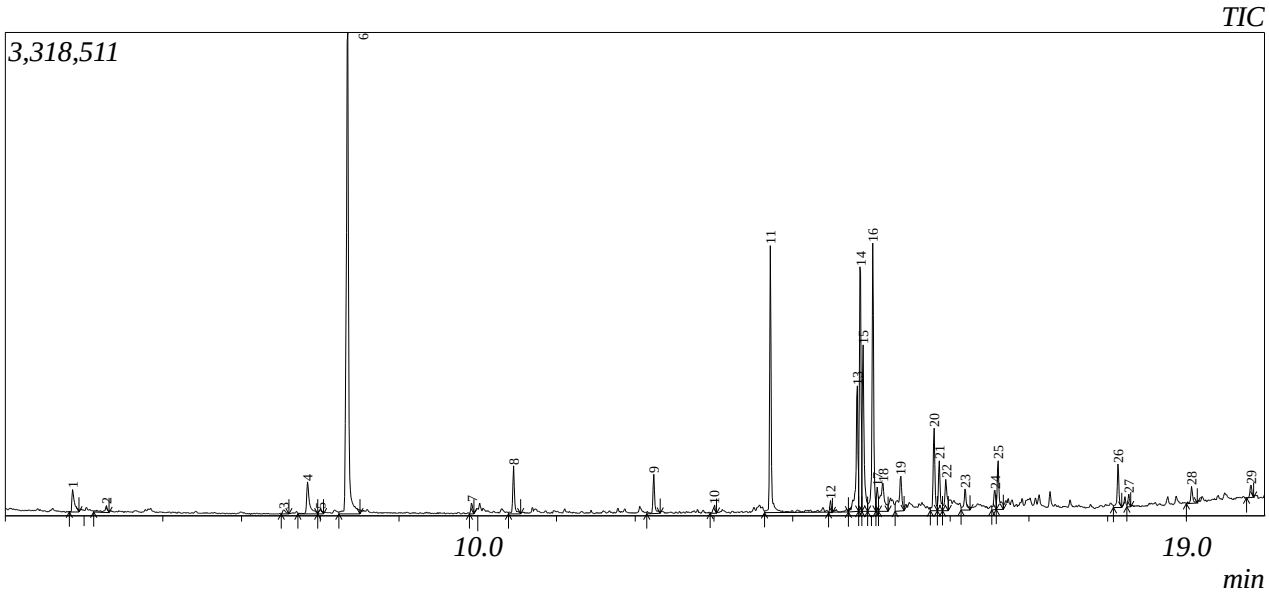
SUPPLEMENTARY DATA

SHIMADZU TRAINING CENTRE FOR ANALYTICAL INSTRUMENTS (STC) LAGOS

Sample Information

Analyzed by	: Admin
Analyzed	: 6/27/2017 9:25:51 AM
Sample Type	: Unknown
Level #	: 1
Sample Name	: NT MeOH Extract
Sample ID	: NT MeOH Extract
IS Amount	: [1]=1
Sample Amount	: 1
Dilution Factor	: 1
Vial #	: 2
Injection Volume	: 1.00
Data File	: D:\NT MeOH Extract.QGD
Org Data File	: C:\GCMSsolution\Hexane and Methanol Extract\NT MeOH Extract.QGD
Method File	: C:\GCMSsolution\Hexane and Methanol Extract\Hexane Methanol Extract.qgm
Org Method File	: C:\GCMSsolution\Hexane and Methanol Extract\Hexane Methanol Extract.qgm
Report File	:
Tuning File	: C:\GCMSsolution\System\Tune1\Tunin25062017.qgt
[Comment]	
NT MeOH Extract	
Modified by	: Admin
Modified	: 7/1/2017 4:10:56 PM

D:\NT MeOH Extract.QGD



Peak Report TIC

Peak#	R.Time	I.Time	F.Time	Area	Area%	Height	Height%	A/H	Mark	Name
1	4.860	4.817	4.942	382570	1.45	155123	1.04	2.47	V	p-Cresol
2	5.291	5.125	5.325	155824	0.59	46237	0.31	3.37	V	Octanoic acid, methyl ester
3	7.537	7.508	7.608	74409	0.28	27047	0.18	2.75		Thymol
4	7.843	7.717	7.975	579145	2.20	220537	1.48	2.63	V	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-
5	8.006	7.975	8.042	64830	0.25	26350	0.18	2.46	V	Butanoic acid, 2-methyl-
6	8.346	8.242	8.508	6425333	24.39	3302104	22.21	1.95	V	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-
7	9.928	9.900	9.958	127294	0.48	73643	0.50	1.73	V	(1's,2's)-Nicotine-N'-oxide
8	10.458	10.392	10.550	538097	2.04	328146	2.21	1.64	V	Dodecanoic acid, methyl ester
9	12.241	12.150	12.325	454063	1.72	270387	1.82	1.68	V	Methyl tetradecanoate
10	13.007	12.958	13.033	90494	0.34	56419	0.38	1.60	V	Spiro[androst-5-ene-17,1'-cyclobutan]-2'-or
11	13.717	13.650	14.708	2915643	11.07	1832389	12.32	1.37	SV	Hexadecanoic acid, methyl ester
12	14.484	14.458	14.508	101451	0.39	79736	0.54	1.27	TV	1-Naphthalenemethanol, decahydro-5-(5-hy
13	14.822	14.708	14.842	1622261	6.16	864041	5.81	1.88	V	9,12-Octadecadienoic acid, methyl ester
14	14.862	14.842	14.883	2660043	10.10	1683029	11.32	1.58	V	9-Octadecenoic acid, methyl ester, (E)-
15	14.899	14.883	14.958	1786719	6.78	1146474	7.71	1.56	V	9-Octadecenoic acid, methyl ester, (E)-
16	15.018	14.958	15.058	2738497	10.39	1840409	12.38	1.49	V	Methyl stearate
17	15.075	15.058	15.092	246060	0.93	166331	1.12	1.48	V	Valeric acid, 4-phenyl-
18	15.147	15.092	15.217	711459	2.70	193243	1.30	3.68	V	Phenacyl 11-octadecenoate
19	15.372	15.308	15.417	616599	2.34	240079	1.61	2.57	V	Methyl 9-cis,11-trans-octadecadienoate
20	15.798	15.750	15.842	904289	3.43	564323	3.79	1.60	V	1,1,6-trimethyl-3-methylene-2-(3,6,9,13-tet
21	15.866	15.842	15.908	556465	2.11	341456	2.30	1.63	V	Cyclohexanepropanol, .alpha.,2,2,6-tetrame
22	15.951	15.908	15.983	447110	1.70	213828	1.44	2.09	V	Cyclohexanepropanol, .alpha.,2,2,6-tetrame
23	16.195	16.142	16.258	325434	1.24	145767	0.98	2.23	V	Methyl 18-methylnonadecanoate
24	16.571	16.533	16.592	253000	0.96	133674	0.90	1.89	V	1-Naphthalenemethanol, decahydro-5-(5-hy
25	16.614	16.592	16.675	590375	2.24	334307	2.25	1.77	V	4,8,13-Cyclotetradecatriene-1,3-diol, 1,5,9-

Peak#	R.Time	I.Time	F.Time	Area	Area%	Height	Height%	A/H	Mark	Name
26	18.135	18.075	18.183	480114	1.82	297489	2.00	1.61	V	Octacosane
27	18.275	18.250	18.300	133962	0.51	87608	0.59	1.53	V	Tetradecanoic acid, 5,9,13-trimethyl-, methy
28	19.068	19.000	19.142	215771	0.82	117317	0.79	1.84	V	Sulfurous acid, octadecyl 2-propyl ester
29	19.823	19.767	19.858	150781	0.57	83430	0.56	1.81		Di-n-decylsulfone
				26348092	100.00	14870923	100.00			

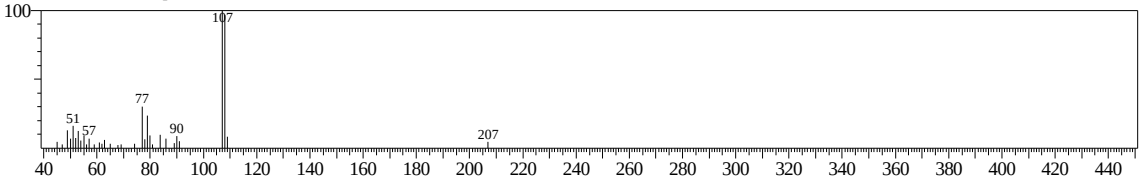
Library

<< Target >>

Line#:1 R.Time:4.858(Scan#:104) MassPeaks:33

RawMode:Single 4.858(104) BasePeak:106.95(42008)

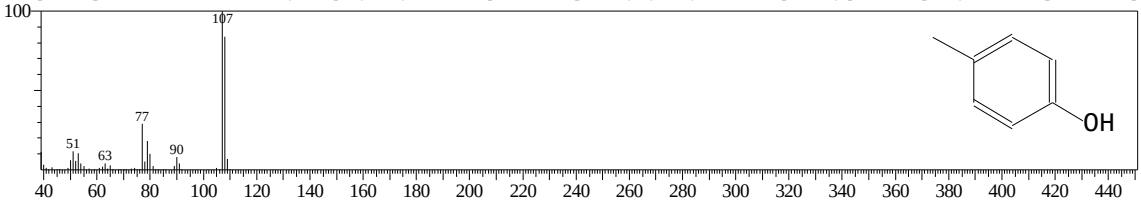
BG Mode:None Group 1 - Event 1



Hit#:1 Entry:2550 Library:NIST11s.lib

SI:90 Formula:C7H8O CAS:106-44-5 MolWeight:108 RetIndex:1014

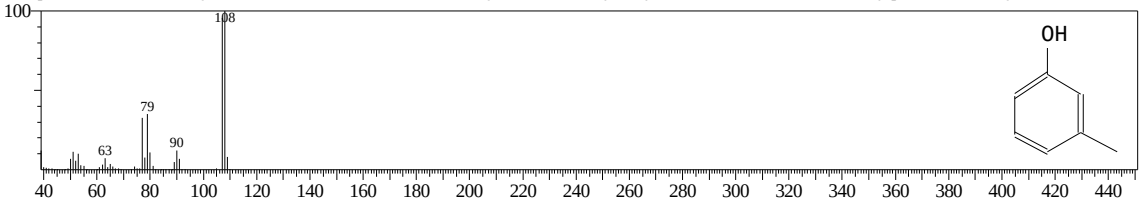
CompName:p-Cresol $$ Phenol, 4-methyl- $$ p-Hydroxytoluene $$ p-Kresol $$ p-Methylhydroxybenzene $$ p-Methylphenol $$ p-Oxytoluene $$ p-Toluol $$ p



Hit#:2 Entry:2831 Library:NIST11.lib

SI:90 Formula:C7H8O CAS:108-39-4 MolWeight:108 RetIndex:1014

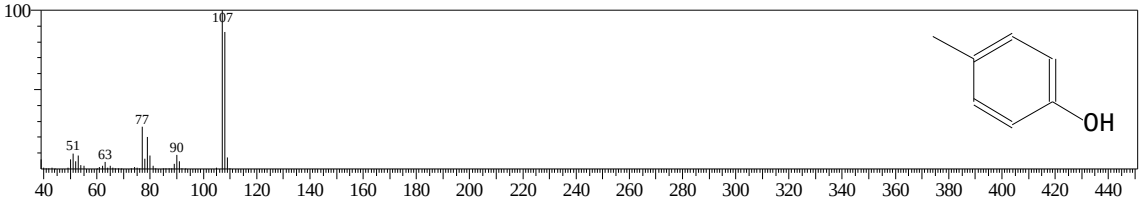
CompName:Phenol, 3-methyl- $$ m-Cresol $$ m-Cresole $$ m-Cresylic acid $$ m-Hydroxytoluene $$ m-Kresol $$ m-Methylphenol $$ m-Oxytoluene $$ m-Tolu



Hit#:3 Entry:2551 Library:NIST11s.lib

SI:89 Formula:C7H8O CAS:106-44-5 MolWeight:108 RetIndex:1014

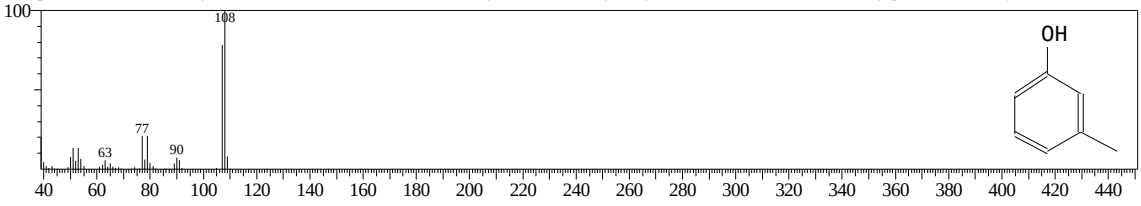
CompName:p-Cresol $$ Phenol, 4-methyl- $$ p-Hydroxytoluene $$ p-Kresol $$ p-Methylhydroxybenzene $$ p-Methylphenol $$ p-Oxytoluene $$ p-Toluol $$ p



Hit#:4 Entry:2555 Library:NIST11s.lib

SI:89 Formula:C7H8O CAS:108-39-4 MolWeight:108 RetIndex:1014

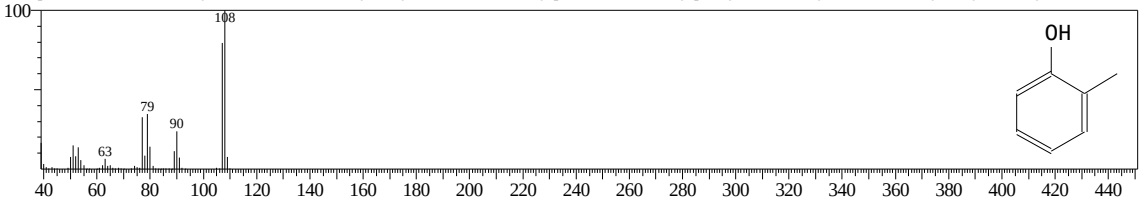
CompName:Phenol, 3-methyl- $$ m-Cresol $$ m-Cresole $$ m-Cresylic acid $$ m-Hydroxytoluene $$ m-Kresol $$ m-Methylphenol $$ m-Oxytoluene $$ m-Tolu



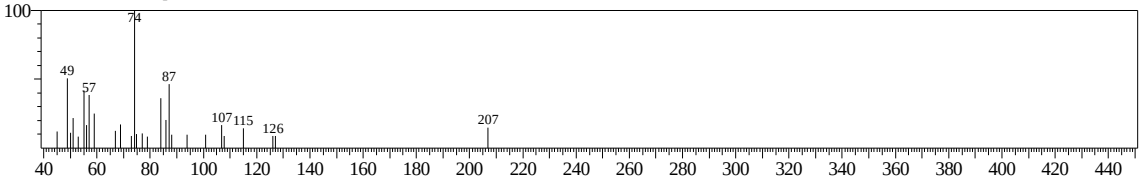
Hit#:5 Entry:2560 Library:NIST11s.lib

SI:89 Formula:C7H8O CAS:95-48-7 MolWeight:108 RetIndex:1014

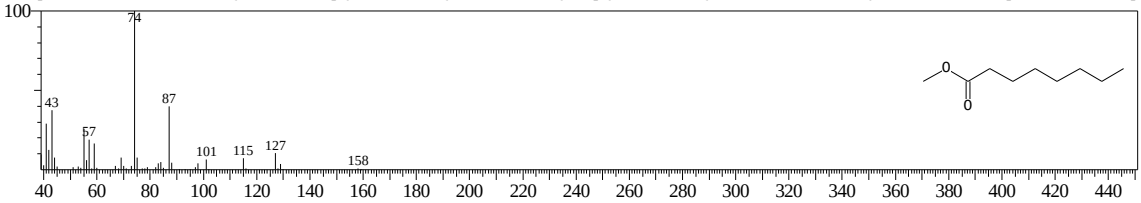
CompName:Phenol, 2-methyl- $$ o-Cresol $$ o-Hydroxytoluene $$ o-Methylphenol $$ o-Methylphenylol $$ o-Oxytoluene $$ 1-Hydroxy-2-methylbenzene $$ 2



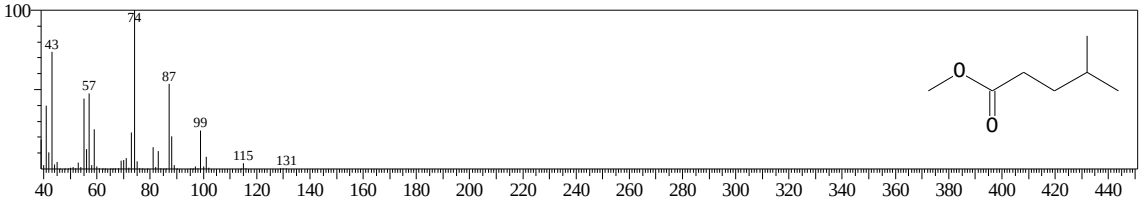
<< Target >>
Line#:2 R.Time:5.292(Scan#:156) MassPeaks:28
RawMode:Single 5.292(156) BasePeak:74.00(12119)
BG Mode:None Group 1 - Event 1



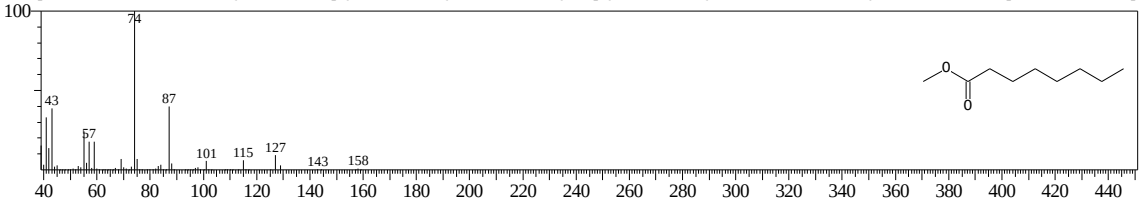
Hit#:1 Entry:10625 Library:NIST11s.lib
SI:70 Formula:C9H18O2 CAS:111-11-5 MolWeight:158 RetIndex:1083
CompName:Octanoic acid, methyl ester $$ Caprylic acid methyl ester $$ Methyl caprylate $$ Methyl n-octanoate $$ Methyl octanoate $$ Uniphat A20 $$ n-Cap



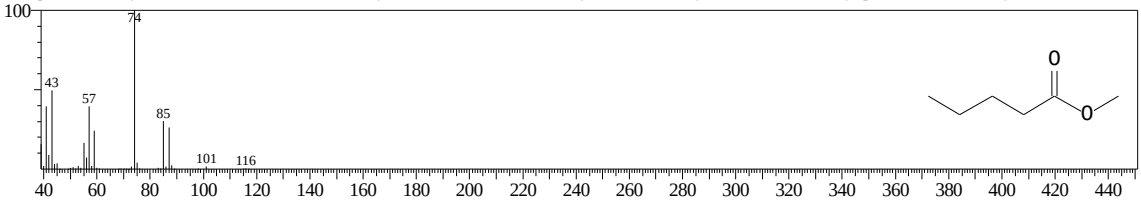
Hit#:2 Entry:5563 Library:NIST11s.lib
SI:69 Formula:C7H14O2 CAS:2412-80-8 MolWeight:130 RetIndex:820
CompName:Pentanoic acid, 4-methyl-, methyl ester $$ Valeric acid, 4-methyl-, methyl ester $$ Methyl 4-methylpentanoate $$ Methyl 4-methylvalerate $$ 4-Met



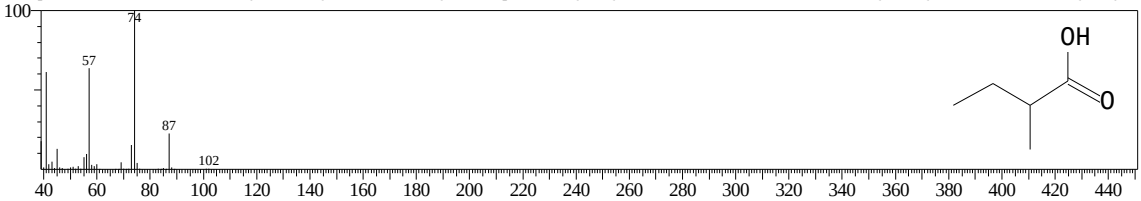
Hit#:3 Entry:10624 Library:NIST11s.lib
SI:69 Formula:C9H18O2 CAS:111-11-5 MolWeight:158 RetIndex:1083
CompName:Octanoic acid, methyl ester $$ Caprylic acid methyl ester $$ Methyl caprylate $$ Methyl n-octanoate $$ Methyl octanoate $$ Uniphat A20 $$ n-Cap



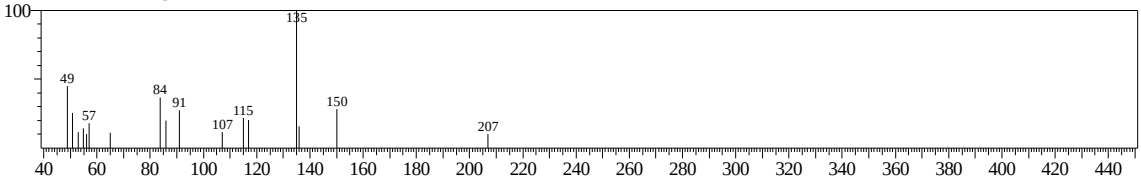
Hit#:4 Entry:3629 Library:NIST11s.lib
SI:69 Formula:C6H12O2 CAS:624-24-8 MolWeight:116 RetIndex:785
CompName:Methyl valerate $$ Pentanoic acid, methyl ester $$ Valeric acid, methyl ester $$ Methyl n-valerate $$ Methyl pentanoate $$ Methyl valerianate $$ C



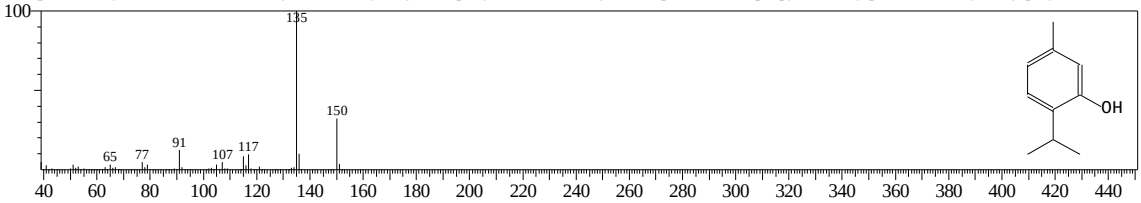
Hit#:5 Entry:2073 Library:NIST11s.lib
SI:69 Formula:C5H10O2 CAS:116-53-0 MolWeight:102 RetIndex:811
CompName:Butanoic acid, 2-methyl- $$ Butyric acid, 2-methyl- $$ .alpha.-Methylbutyric acid $$ Active valeric acid $$ Ethylmethylacetic acid $$ Methylethyla



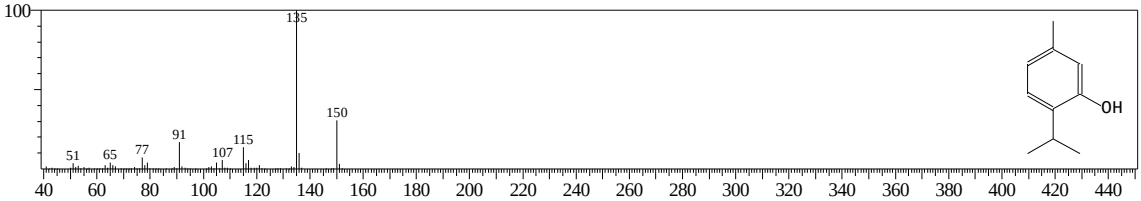
<< Target >>
Line#:3 R.Time:7.533(Scan#:425) MassPeaks:17
RawMode:Single 7.533(425) BasePeak:134.95(10134)
BG Mode:None Group 1 - Event 1



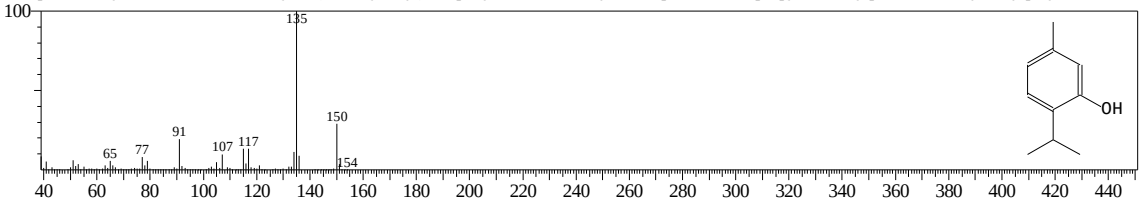
Hit#:1 Entry:9055 Library:NIST11s.lib
SI:65 Formula:C10H14O CAS:89-83-8 MolWeight:150 RetIndex:1262
CompName:Thymol $$ Phenol, 5-methyl-2-(1-methylethyl)- $$ p-Cymen-3-ol $$ Thyme camphor $$ 2-Isopropyl-5-methylphenol $$ 3-Hydroxy-p-cymene $$ 3-I



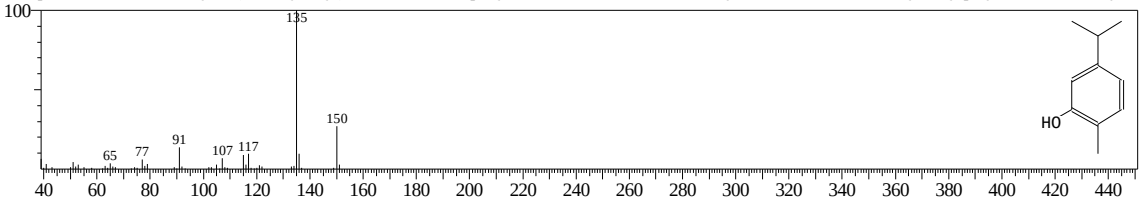
Hit#:2 Entry:9056 Library:NIST11s.lib
SI:65 Formula:C10H14O CAS:89-83-8 MolWeight:150 RetIndex:1262
CompName:Thymol $$ Phenol, 5-methyl-2-(1-methylethyl)- $$ p-Cymen-3-ol $$ Thyme camphor $$ 2-Isopropyl-5-methylphenol $$ 3-Hydroxy-p-cymene $$ 3-I



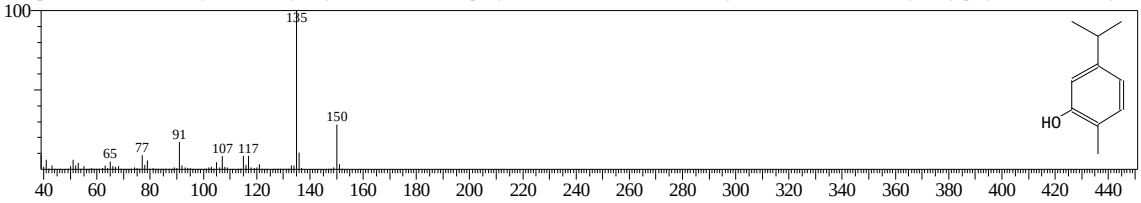
Hit#:3 Entry:9054 Library:NIST11s.lib
SI:64 Formula:C10H14O CAS:89-83-8 MolWeight:150 RetIndex:1262
CompName:Thymol $$ Phenol, 5-methyl-2-(1-methylethyl)- $$ p-Cymen-3-ol $$ Thyme camphor $$ 2-Isopropyl-5-methylphenol $$ 3-Hydroxy-p-cymene $$ 3-I



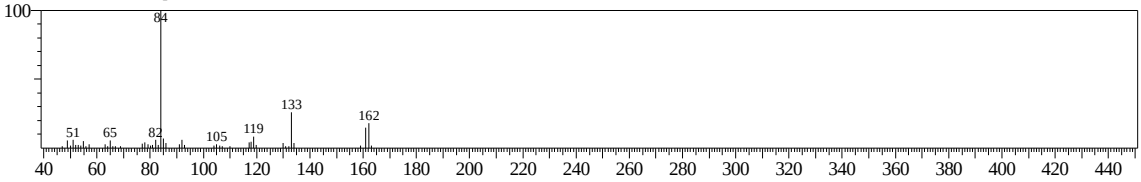
Hit#:4 Entry:9051 Library:NIST11s.lib
SI:64 Formula:C10H14O CAS:499-75-2 MolWeight:150 RetIndex:1262
CompName:Phenol, 2-methyl-5-(1-methylethyl)- $$ Carvacrol $$ p-Cymen-2-ol $$ Antioxine $$ Isothymol $$ Karvakrol $$ 2-Hydroxy-p-cymene $$ 2-Methyl-5



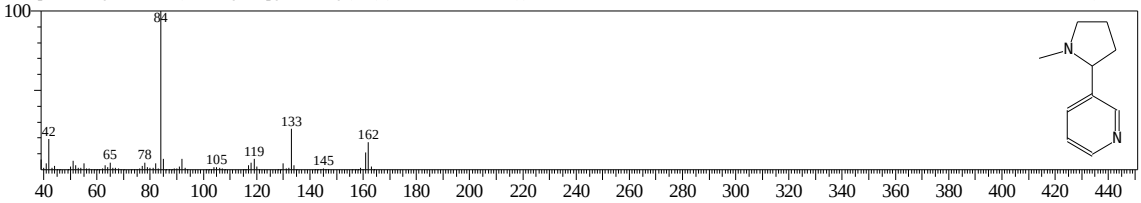
Hit#:5 Entry:9052 Library:NIST11s.lib
SI:64 Formula:C10H14O CAS:499-75-2 MolWeight:150 RetIndex:1262
CompName:Phenol, 2-methyl-5-(1-methylethyl)- $$ Carvacrol $$ p-Cymen-2-ol $$ Antioxine $$ Isothymol $$ Karvakrol $$ 2-Hydroxy-p-cymene $$ 2-Methyl-5



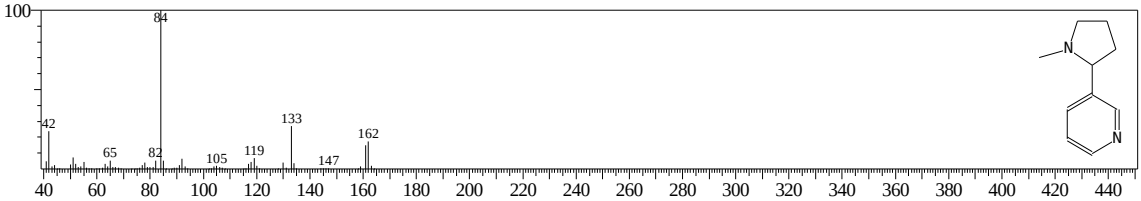
<< Target >>
Line#:4 R.Time:7.842(Scan#:462) MassPeaks:47
RawMode:Single 7.842(462) BasePeak:84.00(80897)
BG Mode:None Group 1 - Event 1



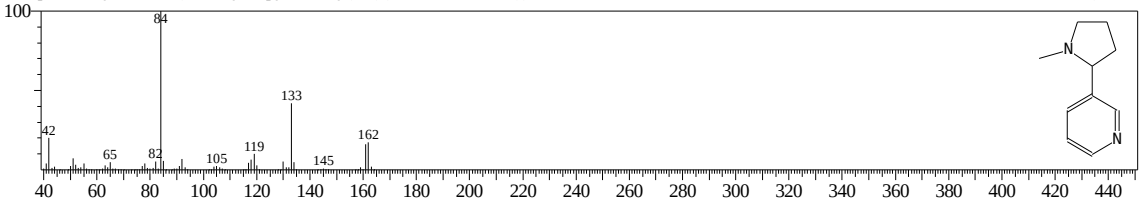
Hit#:1 Entry:11243 Library:NIST11s.lib
SI:94 Formula:C10H14N2 CAS:54-11-5 MolWeight:162 RetIndex:1341
CompName:Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)- $$ Nicotine $$ (-)-Nicotine $$ Flux MAAG $$ L-Nicotine $$ Nicotin $$ XL All Insecticide $$ 3-(N-Me



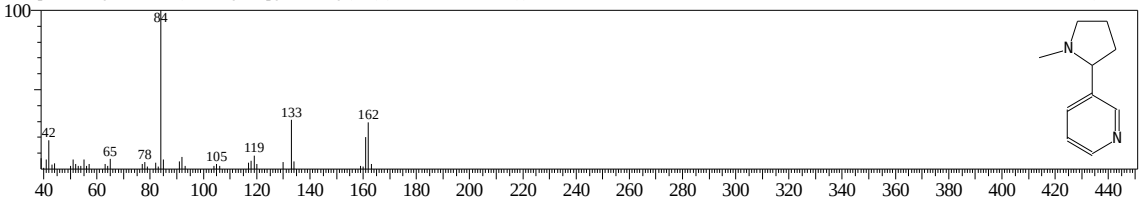
Hit#:2 Entry:11242 Library:NIST11s.lib
SI:94 Formula:C10H14N2 CAS:54-11-5 MolWeight:162 RetIndex:1341
CompName:Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)- $$ Nicotine $$ (-)-Nicotine $$ Flux MAAG $$ L-Nicotine $$ Nicotin $$ XL All Insecticide $$ 3-(N-Me



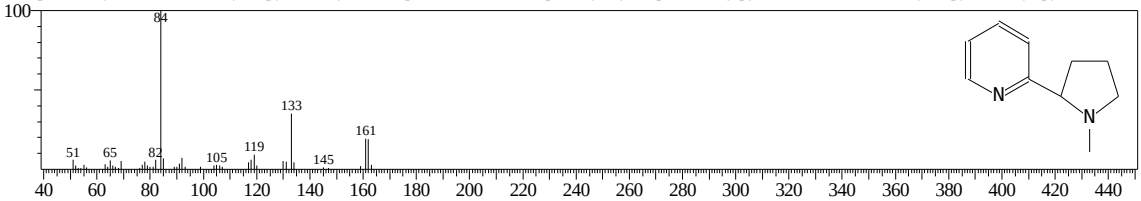
Hit#:3 Entry:11244 Library:NIST11s.lib
SI:93 Formula:C10H14N2 CAS:54-11-5 MolWeight:162 RetIndex:1341
CompName:Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)- $$ Nicotine $$ (-)-Nicotine $$ Flux MAAG $$ L-Nicotine $$ Nicotin $$ XL All Insecticide $$ 3-(N-Me



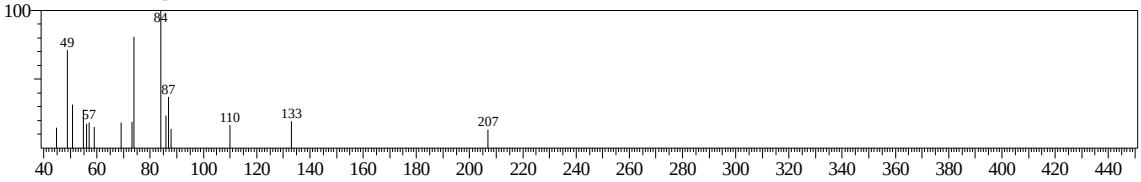
Hit#:4 Entry:11246 Library:NIST11s.lib
SI:92 Formula:C10H14N2 CAS:54-11-5 MolWeight:162 RetIndex:1341
CompName:Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)- $$ Nicotine $$ (-)-Nicotine $$ Flux MAAG $$ L-Nicotine $$ Nicotin $$ XL All Insecticide $$ 3-(N-Me



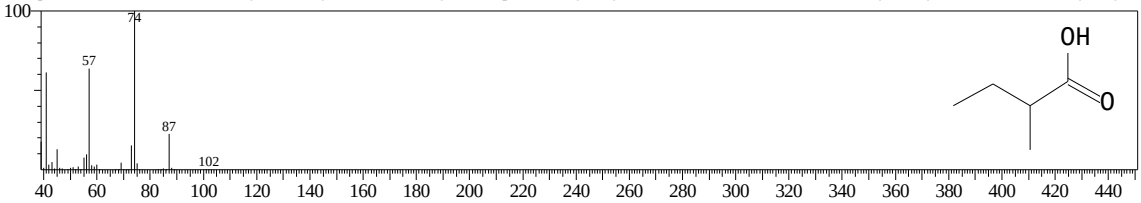
Hit#:5 Entry:21283 Library:NIST11.lib
SI:92 Formula:C10H14N2 CAS:23950-04-1 MolWeight:162 RetIndex:1341
CompName:Pyridine, 2-(1-methyl-2-pyrrolidinyl)- $$ .alpha.-Nicotine $$ .alpha.-Pyridyl-.alpha.-methylpyrrolidine $$ 2-(1-Methyl-2-pyrrolidinyl)pyridine # $$



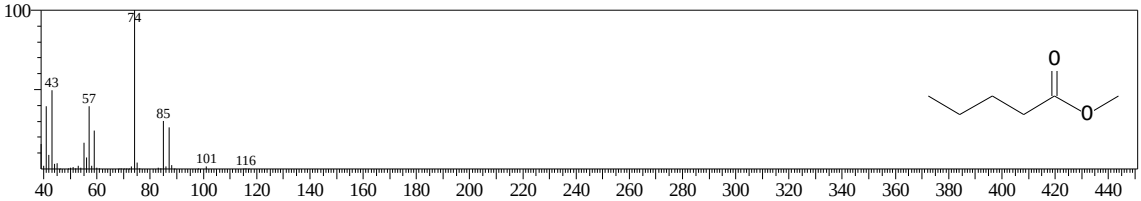
<< Target >>
Line#:5 R.Time:8.000(Scan#:481) MassPeaks:17
RawMode:Single 8.000(481) BasePeak:83.95(7357)
BG Mode:None Group 1 - Event 1



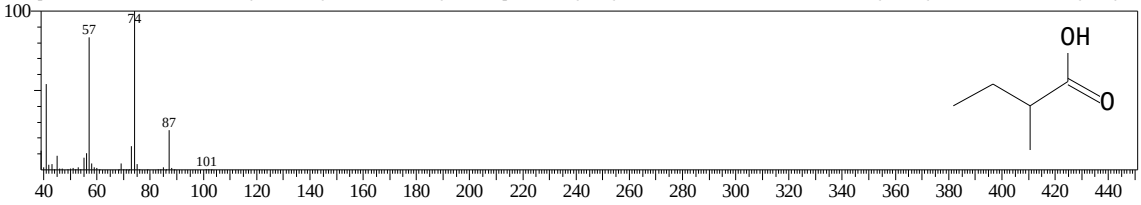
Hit#:1 Entry:2073 Library:NIST11s.lib
SI:68 Formula:C5H10O2 CAS:116-53-0 MolWeight:102 RetIndex:811
CompName:Butanoic acid, 2-methyl- $$ Butyric acid, 2-methyl- $$ .alpha.-Methylbutyric acid $$ Active valeric acid $$ Ethylmethylacetic acid $$ Methylethyla



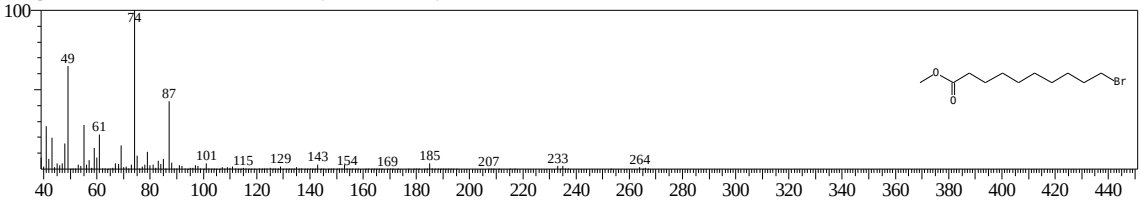
Hit#:2 Entry:3629 Library:NIST11s.lib
SI:66 Formula:C6H12O2 CAS:624-24-8 MolWeight:116 RetIndex:785
CompName:Methyl valerate $$ Pentanoic acid, methyl ester $$ Valeric acid, methyl ester $$ Methyl n-valerate $$ Methyl pentanoate $$ Methyl valerianate $$ C



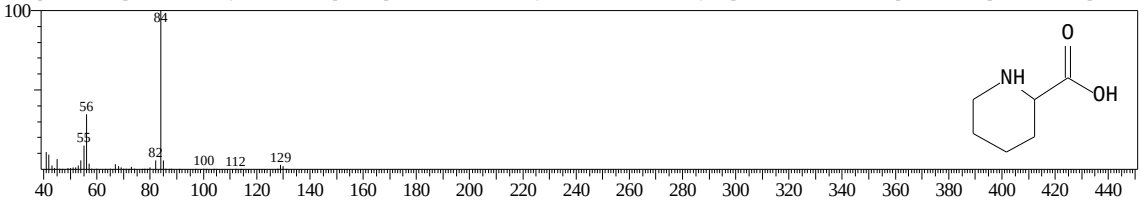
Hit#:3 Entry:2075 Library:NIST11s.lib
SI:66 Formula:C5H10O2 CAS:116-53-0 MolWeight:102 RetIndex:811
CompName:Butanoic acid, 2-methyl- $$ Butyric acid, 2-methyl- $$ .alpha.-Methylbutyric acid $$ Active valeric acid $$ Ethylmethylacetic acid $$ Methylethyla



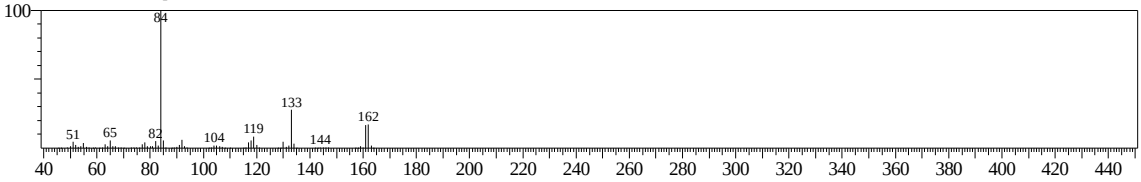
Hit#:4 Entry:89760 Library:NIST11.lib
SI:65 Formula:C11H21BrO2 CAS:26825-94-5 MolWeight:264 RetIndex:1578
CompName:Decanoic acid, 10-bromo-, methyl ester $$ Methyl 10-bromodecanoate $$



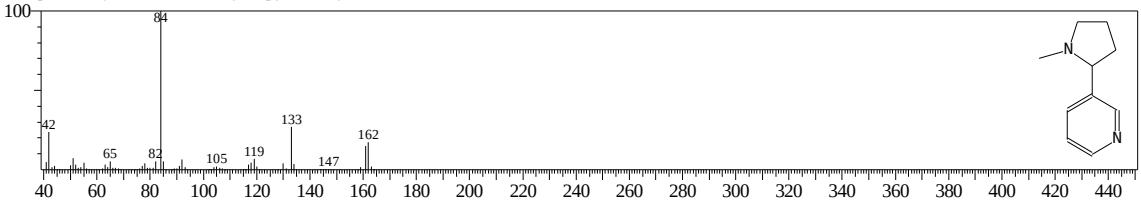
Hit#:5 Entry:5337 Library:NIST11s.lib
SI:63 Formula:C6H11NO2 CAS:535-75-1 MolWeight:129 RetIndex:1283
CompName:2-Piperidinecarboxylic acid $$ .alpha.-Pipecolinic acid $$ Dihydrobaikiane $$ Hexahydropicolinic acid $$ Homoproline $$ Pipecolate $$ Pipecolic



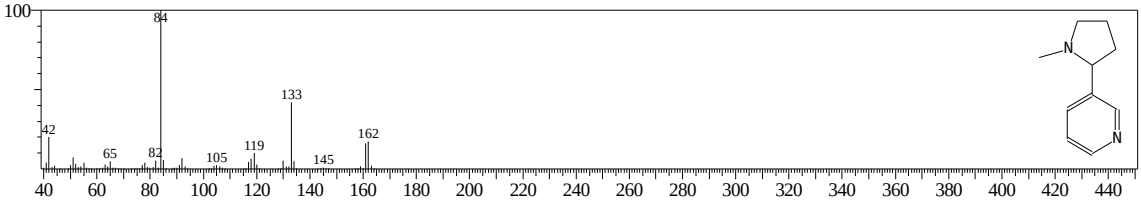
<< Target >>
Line#:6 R.Time:8.350(Scan#:523) MassPeaks:81
RawMode:Single 8.350(523) BasePeak:84.00(1200252)
BG Mode:None Group 1 - Event 1



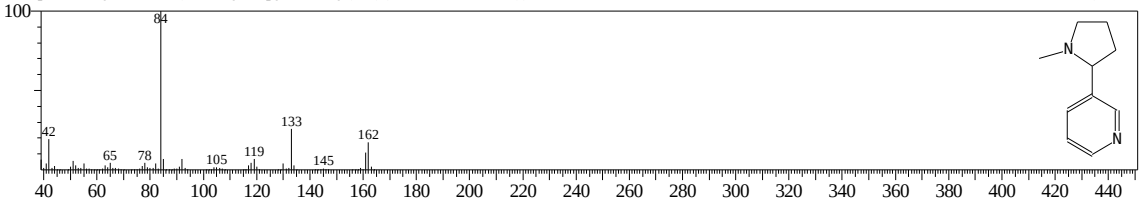
Hit#:1 Entry:11242 Library:NIST11s.lib
SI:97 Formula:C10H14N2 CAS:54-11-5 MolWeight:162 RetIndex:1341
CompName:Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)- $$ Nicotine $$ (-)-Nicotine $$ Flux MAAG $$ L-Nicotine $$ Nicotin $$ XL All Insecticide $$ 3-(N-Me



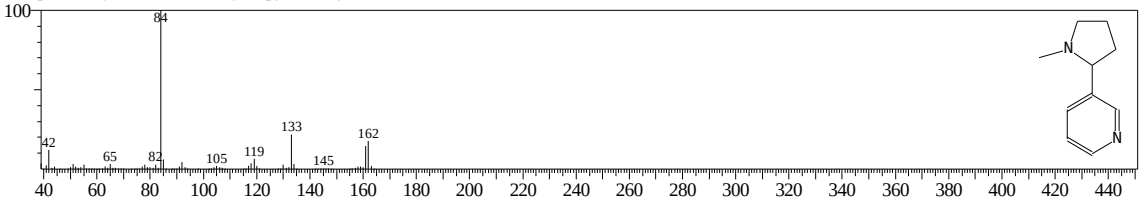
Hit#:2 Entry:11244 Library:NIST11s.lib
SI:96 Formula:C10H14N2 CAS:54-11-5 MolWeight:162 RetIndex:1341
CompName:Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)- $$ Nicotine $$ (-)-Nicotine $$ Flux MAAG $$ L-Nicotine $$ Nicotin $$ XL All Insecticide $$ 3-(N-Me



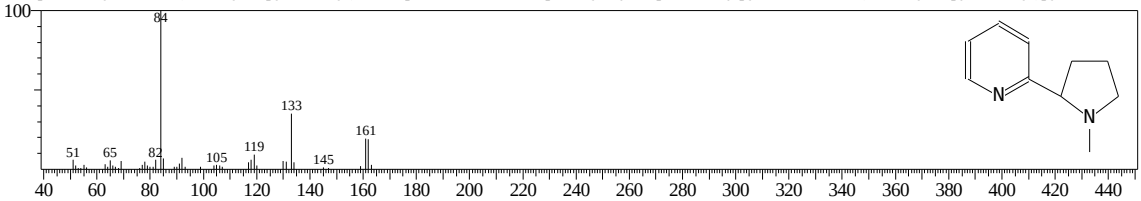
Hit#:3 Entry:11243 Library:NIST11s.lib
SI:96 Formula:C10H14N2 CAS:54-11-5 MolWeight:162 RetIndex:1341
CompName:Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)- $$ Nicotine $$ (-)-Nicotine $$ Flux MAAG $$ L-Nicotine $$ Nicotin $$ XL All Insecticide $$ 3-(N-Me



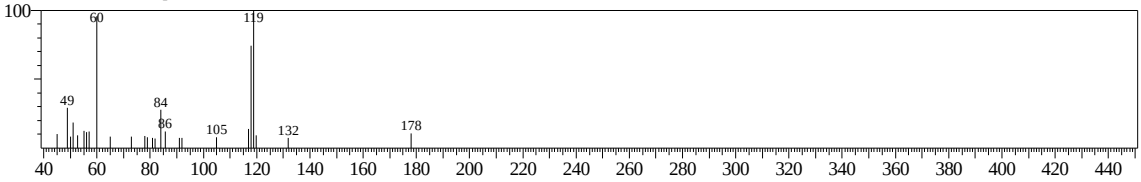
Hit#:4 Entry:21284 Library:NIST11.lib
SI:94 Formula:C10H14N2 CAS:54-11-5 MolWeight:162 RetIndex:1341
CompName:Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)- $$ Nicotine $$ (-)-Nicotine $$ Flux MAAG $$ L-Nicotine $$ Nicotin $$ XL All Insecticide $$ 3-(N-Me



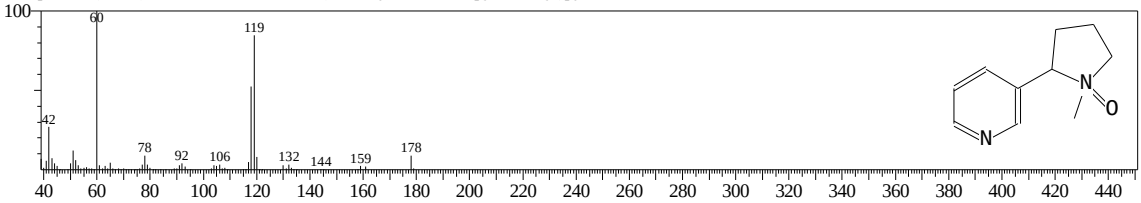
Hit#:5 Entry:21283 Library:NIST11.lib
SI:94 Formula:C10H14N2 CAS:23950-04-1 MolWeight:162 RetIndex:1341
CompName:Pyridine, 2-(1-methyl-2-pyrrolidinyl)- $$ .alpha.-Nicotine $$ .alpha.-Pyridyl-.alpha.-methylpyrrolidine $$ 2-(1-Methyl-2-pyrrolidinyl)pyridine # $$



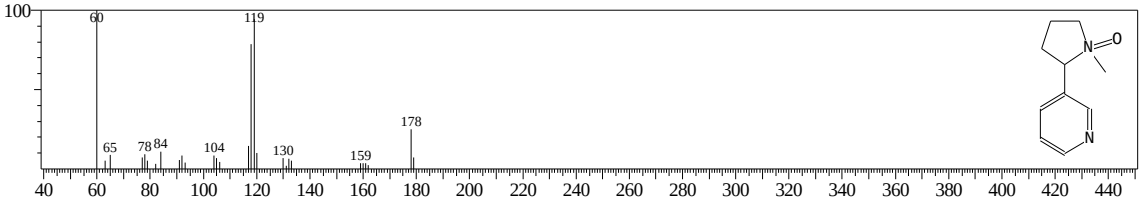
<< Target >>
Line#:7 R.Time:9.933(Scan#:713) MassPeaks:26
RawMode:Single 9.933(713) BasePeak:118.90(14958)
BG Mode:None Group 1 - Event 1



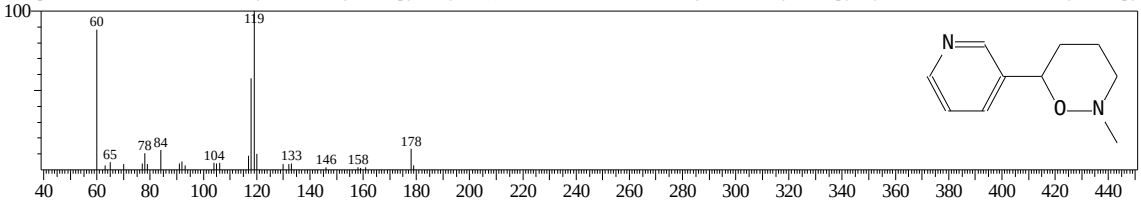
Hit#:1 Entry:30155 Library:NIST11.lib
SI:77 Formula:C10H14N2O CAS:29419-55-4 MolWeight:178 RetIndex:0
CompName:(1's,2's)-Nicotine-N'-oxide $$ 3-(1-Methyl-1-oxido-2-pyrrolidinyl)pyridine # $$



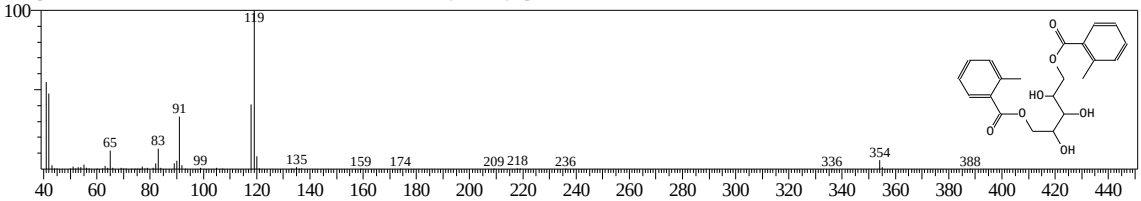
Hit#:2 Entry:30154 Library:NIST11.lib
SI:76 Formula:C10H14N2O CAS:491-26-9 MolWeight:178 RetIndex:0
CompName:Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, N-oxide, (2S)- $$ Nicotine, 1'-oxide $$ (-)-Nicotine 1'-oxide $$ (-)-Nicotine 1'-N-oxide $$ N-Oxynicotine $$



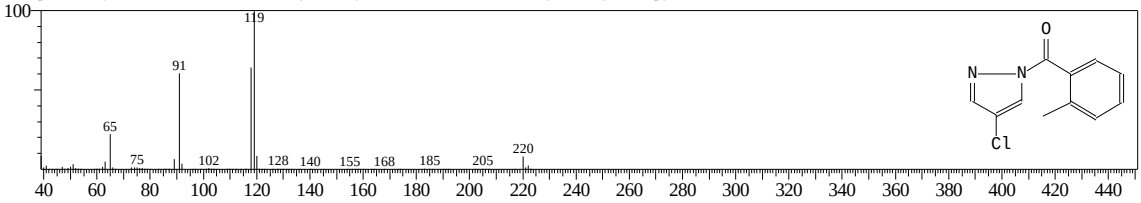
Hit#:3 Entry:30174 Library:NIST11.lib
SI:75 Formula:C10H14N2O CAS:15769-88-7 MolWeight:178 RetIndex:1450
CompName:2H-1,2-Oxazine, tetrahydro-2-methyl-6-(3-pyridinyl)-, (-)- $$ 2H-1,2-Oxazine, tetrahydro-2-methyl-6-(3-pyridyl)- $$ Nicotone $$ 2-Methyl-6-(3-py



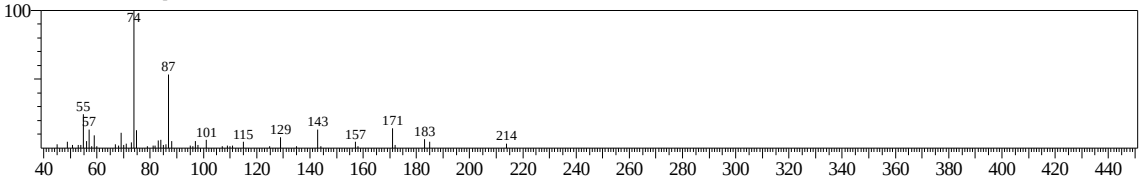
Hit#:4 Entry:177086 Library:NIST11.lib
SI:65 Formula:C21H24O7 CAS:0-00-0 MolWeight:388 RetIndex:3111
CompName:d-arabinitol 1,5-di-o-toluate $$ 1,5-Bis-O-(2-methylbenzoyl)pentitol # $$



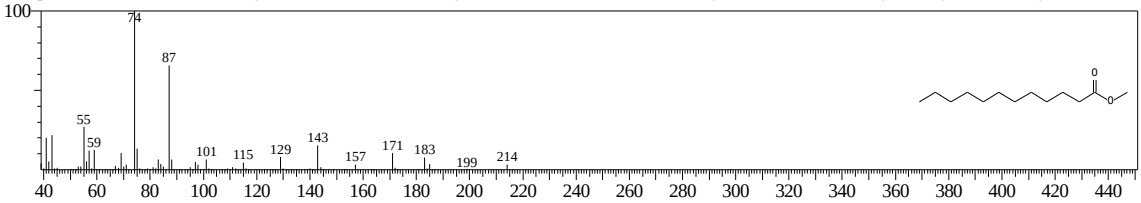
Hit#:5 Entry:57207 Library:NIST11.lib
SI:64 Formula:C11H9ClN2O CAS:328251-54-3 MolWeight:220 RetIndex:1803
CompName:Pyrazole, 4-chloro-1-(2-methylbenzoyl)- $$ 4-Chloro-1-(2-methylbenzoyl)-1H-pyrazole # $$



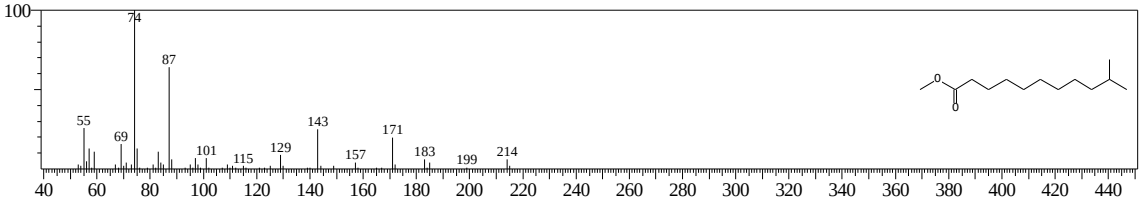
<< Target >>
Line#:8 R.Time:10.458(Scan#:776) MassPeaks:50
RawMode:Single 10.458(776) BasePeak:73.95(91039)
BG Mode:None Group 1 - Event 1



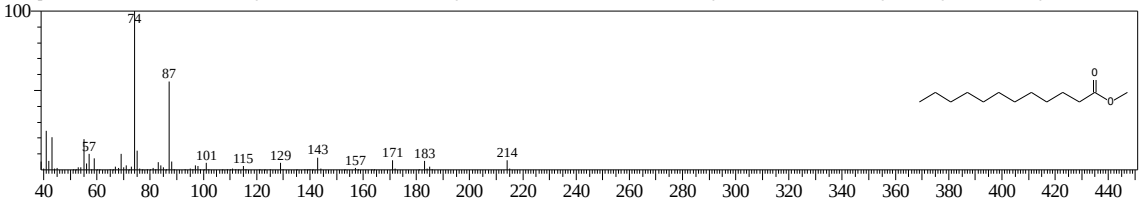
Hit#:1 Entry:19414 Library:NIST11s.lib
SI:93 Formula:C13H26O2 CAS:111-82-0 MolWeight:214 RetIndex:1481
CompName:Dodecanoic acid, methyl ester $$ Lauric acid, methyl ester $$ Metholene 2296 $$ Methyl dodecanoate $$ Methyl dodecylate $$ Methyl laurate $$ M



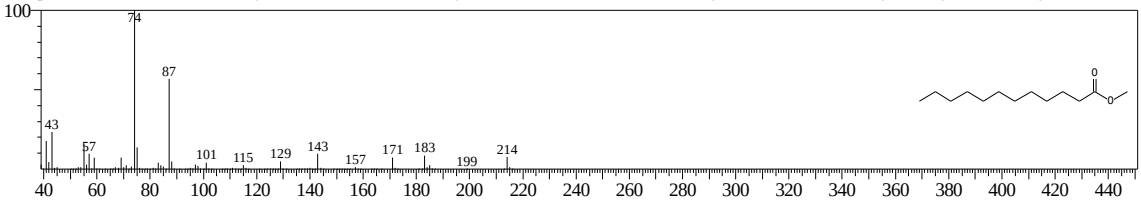
Hit#:2 Entry:19413 Library:NIST11s.lib
SI:91 Formula:C13H26O2 CAS:5129-56-6 MolWeight:214 RetIndex:1417
CompName:Undecanoic acid, 10-methyl-, methyl ester $$ Methyl 10-methylundecanoate # $$



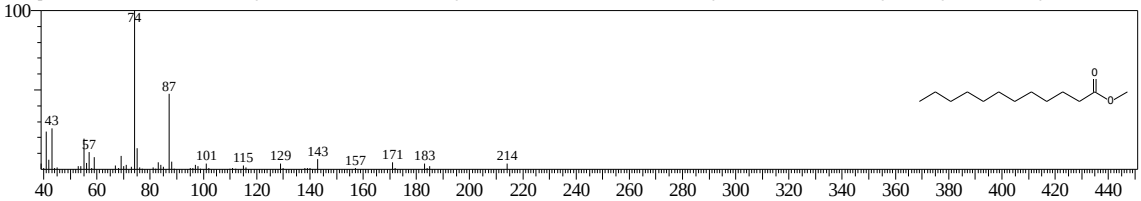
Hit#:3 Entry:53601 Library:NIST11.lib
SI:91 Formula:C13H26O2 CAS:111-82-0 MolWeight:214 RetIndex:1481
CompName:Dodecanoic acid, methyl ester $$ Lauric acid, methyl ester $$ Metholene 2296 $$ Methyl dodecanoate $$ Methyl dodecylate $$ Methyl laurate $$ M



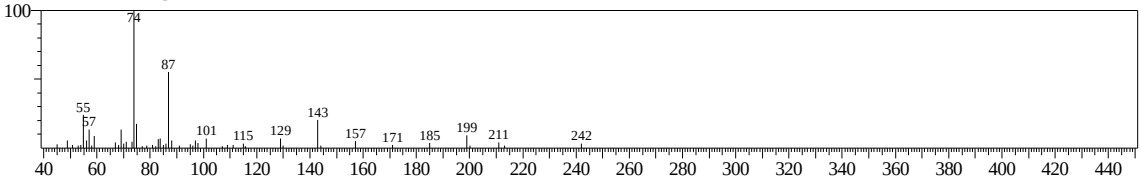
Hit#:4 Entry:19411 Library:NIST11s.lib
SI:90 Formula:C13H26O2 CAS:111-82-0 MolWeight:214 RetIndex:1481
CompName:Dodecanoic acid, methyl ester $$ Lauric acid, methyl ester $$ Metholene 2296 $$ Methyl dodecanoate $$ Methyl dodecylate $$ Methyl laurate $$ M



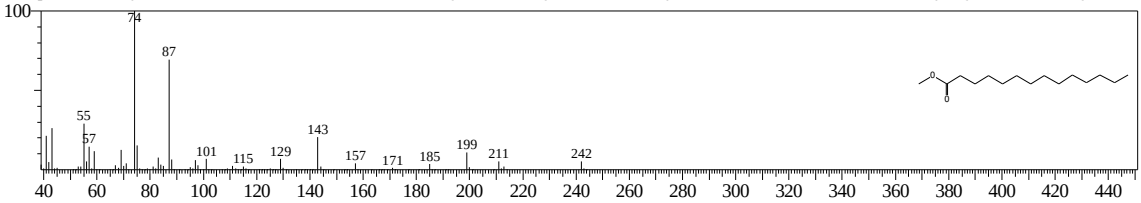
Hit#:5 Entry:19412 Library:NIST11s.lib
SI:90 Formula:C13H26O2 CAS:111-82-0 MolWeight:214 RetIndex:1481
CompName:Dodecanoic acid, methyl ester $$ Lauric acid, methyl ester $$ Metholene 2296 $$ Methyl dodecanoate $$ Methyl dodecylate $$ Methyl laurate $$ M



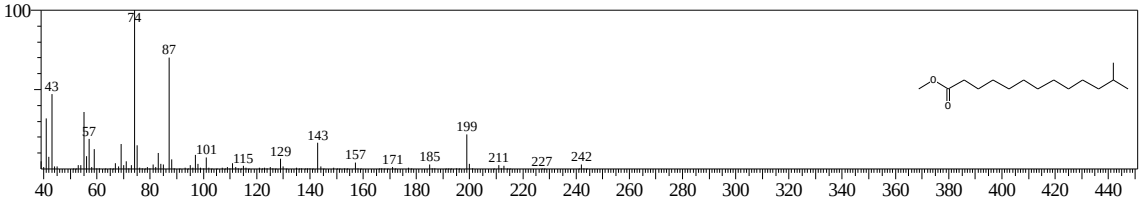
<< Target >>
Line#:9 R.Time:12.242(Scan#:990) MassPeaks:51
RawMode:Single 12.242(990) BasePeak:73.95(71834)
BG Mode:None Group 1 - Event 1



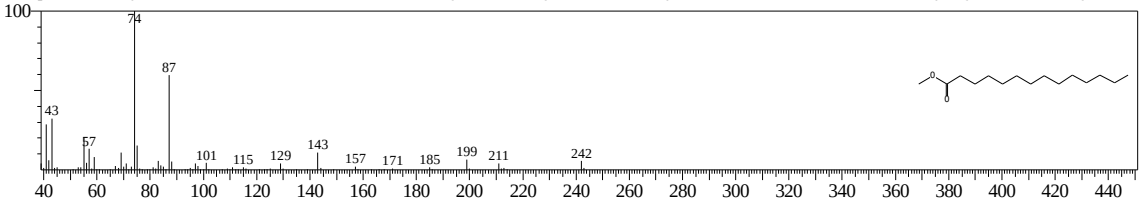
Hit#:1 Entry:73853 Library:NIST11.lib
SI:94 Formula:C15H30O2 CAS:124-10-7 MolWeight:242 RetIndex:1680
CompName:Methyl tetradecanoate $$ Tetradecanoic acid, methyl ester $$ Myristic acid, methyl ester $$ Metholeneat 2495 $$ Methyl myristate $$ Methyl n-tetr



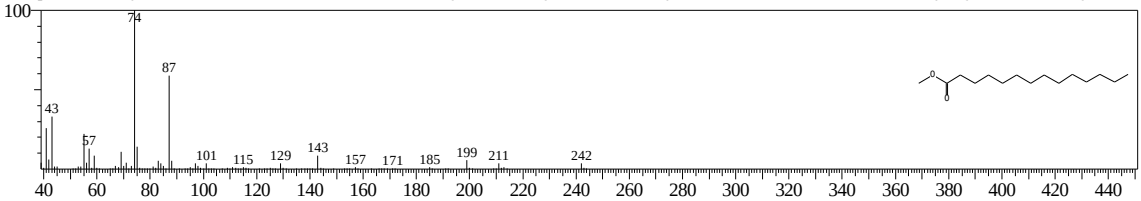
Hit#:2 Entry:73852 Library:NIST11.lib
SI:92 Formula:C15H30O2 CAS:5129-58-8 MolWeight:242 RetIndex:1615
CompName:Tridecanoic acid, 12-methyl-, methyl ester $$ Methyl isomyristate $$ Methyl 12-methyltridecanoate $$



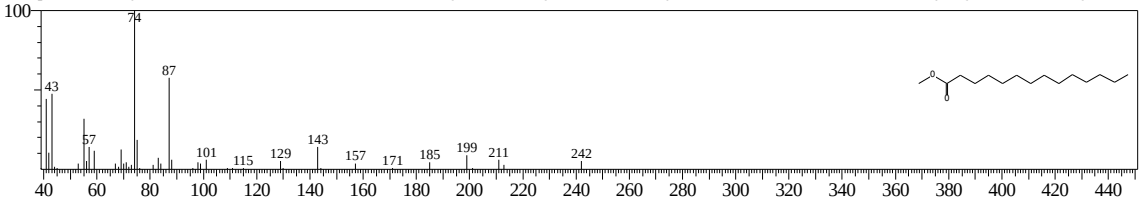
Hit#:3 Entry:22190 Library:NIST11s.lib
SI:92 Formula:C15H30O2 CAS:124-10-7 MolWeight:242 RetIndex:1680
CompName:Methyl tetradecanoate $$ Tetradecanoic acid, methyl ester $$ Myristic acid, methyl ester $$ Metholeneat 2495 $$ Methyl myristate $$ Methyl n-tetr



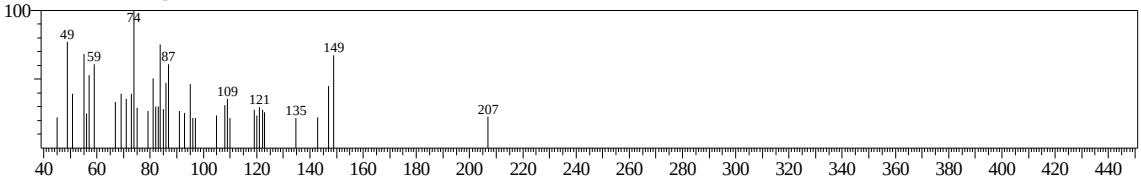
Hit#:4 Entry:22189 Library:NIST11s.lib
SI:91 Formula:C15H30O2 CAS:124-10-7 MolWeight:242 RetIndex:1680
CompName:Methyl tetradecanoate $$ Tetradecanoic acid, methyl ester $$ Myristic acid, methyl ester $$ Metholeneat 2495 $$ Methyl myristate $$ Methyl n-tetr



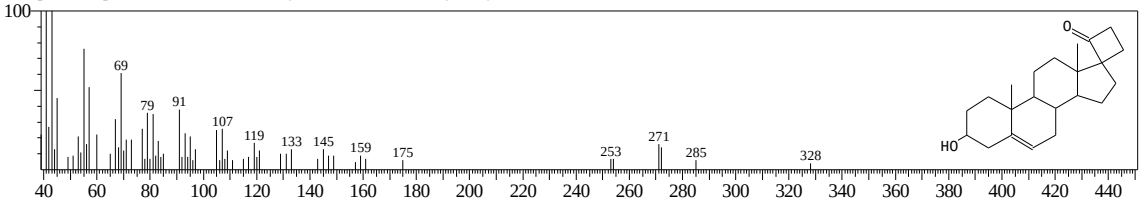
Hit#:5 Entry:22192 Library:NIST11s.lib
SI:91 Formula:C15H30O2 CAS:124-10-7 MolWeight:242 RetIndex:1680
CompName:Methyl tetradecanoate $$ Tetradecanoic acid, methyl ester $$ Myristic acid, methyl ester $$ Metholeneat 2495 $$ Methyl myristate $$ Methyl n-tetr



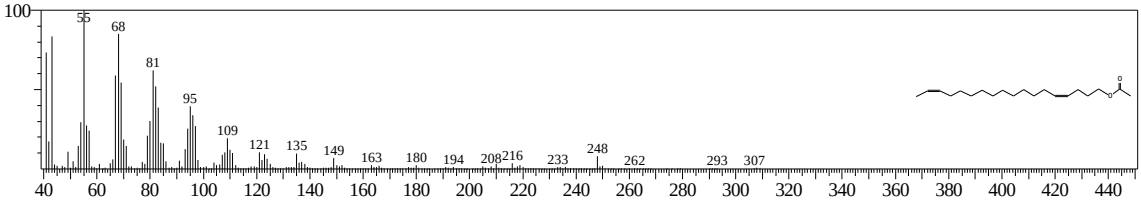
<< Target >>
Line#:10 R.Time:13.008(Scan#:1082) MassPeaks:40
RawMode:Single 13.008(1082) BasePeak:73.95(4853)
BG Mode:None Group 1 - Event 1



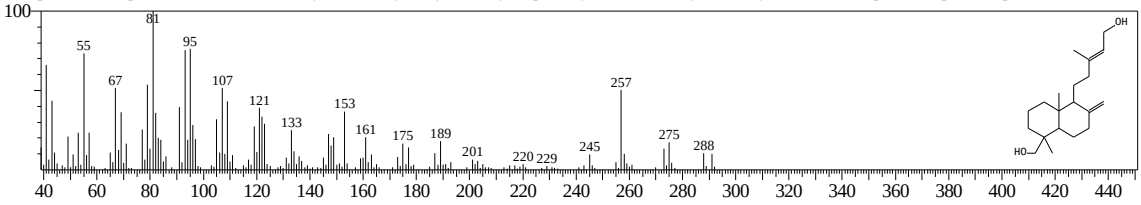
Hit#:1 Entry:140393 Library:NIST11.lib
SI:59 Formula:C22H32O2 CAS:60534-16-9 MolWeight:328 RetIndex:2413
CompName:Spiro[androst-5-ene-17,1'-cyclobutan]-2'-one, 3-hydroxy-, (3.beta.,17.beta.)-



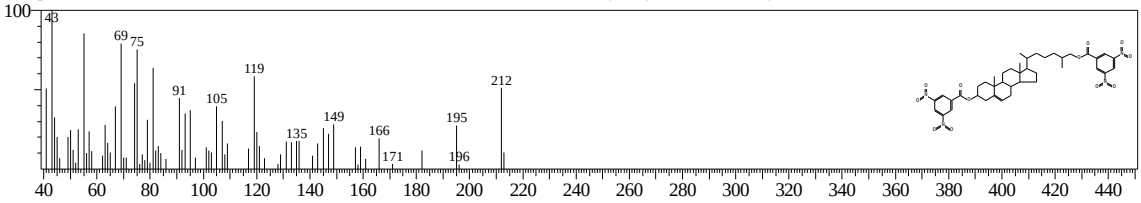
Hit#:2 Entry:124946 Library:NIST11.lib
SI:58 Formula:C20H36O2 CAS:0-00-0 MolWeight:308 RetIndex:2193
CompName:Z,Z-4,16-Octadecadien-1-ol acetate $$ (4Z,16Z)-4,16-Octadecadienyl acetate # $$



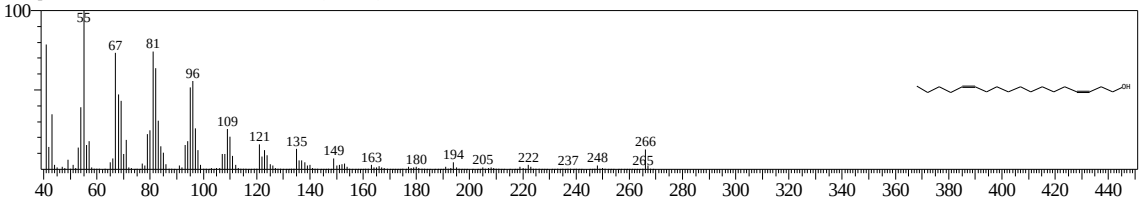
Hit#:3 Entry:123530 Library:NIST11.lib
SI:58 Formula:C20H34O2 CAS:1857-24-5 MolWeight:306 RetIndex:2405
CompName:1-Naphthalenemethanol, decahydro-5-(5-hydroxy-3-methyl-3-pentenyl)-1,4a-dimethyl-6-methylene-, [1S-[1.alpha.,4a.alpha.,5.alpha.(E),8a.beta.]]-



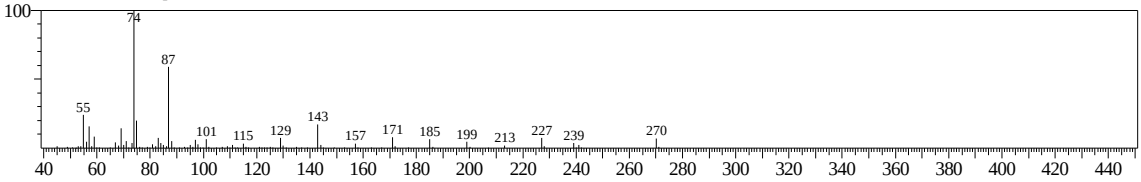
Hit#:4 Entry:212546 Library:NIST11.lib
SI:57 Formula:C41H50N4O12 CAS:103442-67-7 MolWeight:790 RetIndex:5954
CompName:5-Cholesten-3,26-diol di[3,5-dinitrobenzoate]- $$ 26-[(3,5-Dinitrobenzoyl)oxy]cholest-5-en-3-yl 3,5-dinitrobenzoate # $$



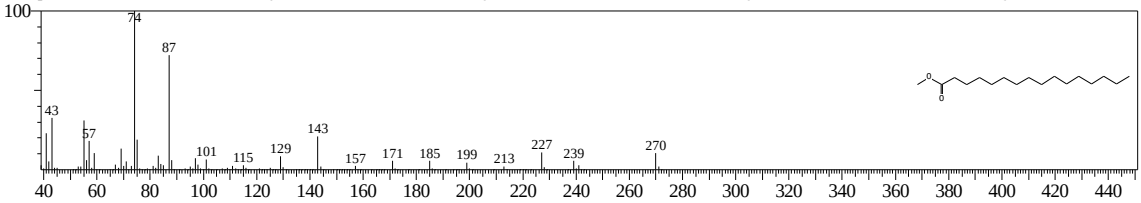
Hit#:5 Entry:91953 Library:NIST11.lib
SI:57 Formula:C18H34O CAS:0-00-0 MolWeight:266 RetIndex:2069
CompName:Z,Z-3,13-Octadecadien-1-ol $$ (3Z,13Z)-3,13-Octadecadien-1-ol # $$



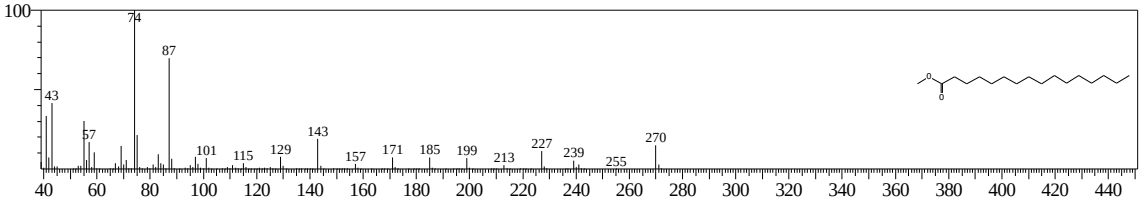
<< Target >>
Line#:11 R.Time:13.717(Scan#:1167) MassPeaks:95
RawMode:Single 13.717(1167) BasePeak:73.95(440468)
BG Mode:None Group 1 - Event 1



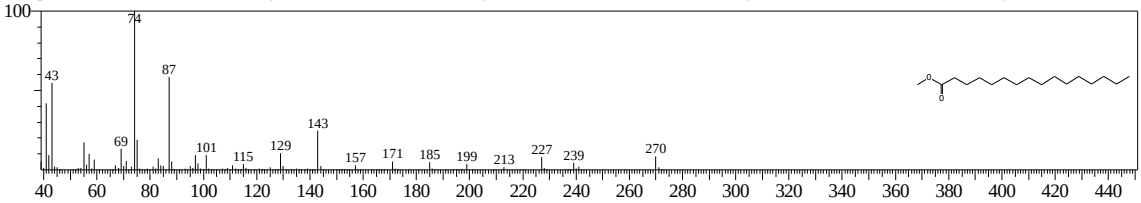
Hit#:1 Entry:95188 Library:NIST11.lib
SI:96 Formula:C17H34O2 CAS:112-39-0 MolWeight:270 RetIndex:1878
CompName:Hexadecanoic acid, methyl ester $$ Palmitic acid, methyl ester $$ n-Hexadecanoic acid methyl ester $$ Metholene 2216 $$ Methyl hexadecanoate $



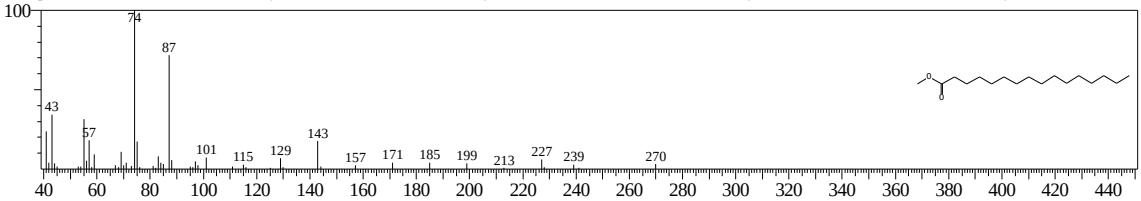
Hit#:2 Entry:24298 Library:NIST11s.lib
SI:95 Formula:C17H34O2 CAS:112-39-0 MolWeight:270 RetIndex:1878
CompName:Hexadecanoic acid, methyl ester $$ Palmitic acid, methyl ester $$ n-Hexadecanoic acid methyl ester $$ Metholene 2216 $$ Methyl hexadecanoate $



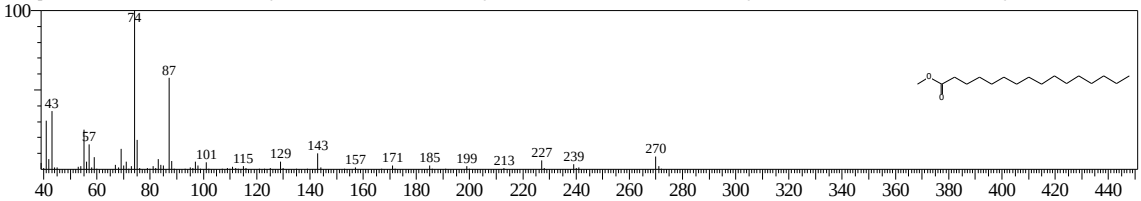
Hit#:3 Entry:24297 Library:NIST11s.lib
SI:95 Formula:C17H34O2 CAS:112-39-0 MolWeight:270 RetIndex:1878
CompName:Hexadecanoic acid, methyl ester $$ Palmitic acid, methyl ester $$ n-Hexadecanoic acid methyl ester $$ Metholene 2216 $$ Methyl hexadecanoate $



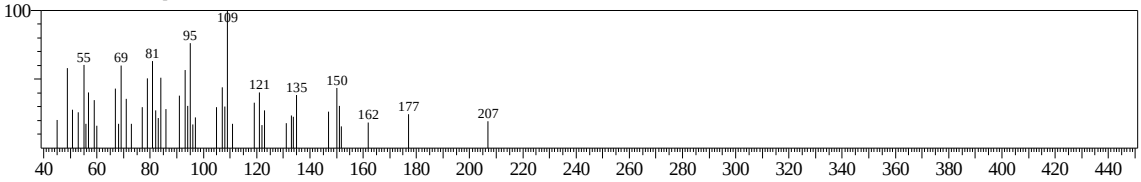
Hit#:4 Entry:24299 Library:NIST11s.lib
SI:95 Formula:C17H34O2 CAS:112-39-0 MolWeight:270 RetIndex:1878
CompName:Hexadecanoic acid, methyl ester $$ Palmitic acid, methyl ester $$ n-Hexadecanoic acid methyl ester $$ Metholene 2216 $$ Methyl hexadecanoate $



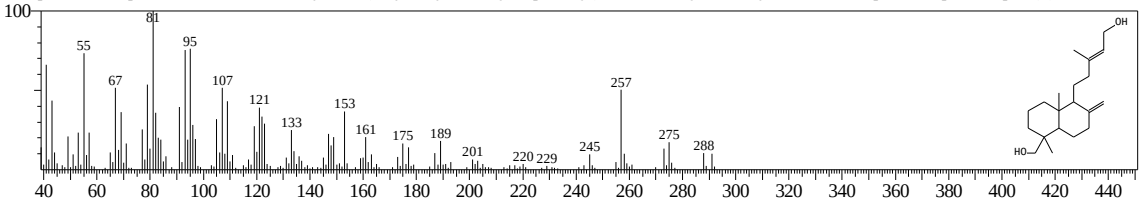
Hit#:5 Entry:24296 Library:NIST11s.lib
SI:95 Formula:C17H34O2 CAS:112-39-0 MolWeight:270 RetIndex:1878
CompName:Hexadecanoic acid, methyl ester $$ Palmitic acid, methyl ester $$ n-Hexadecanoic acid methyl ester $$ Metholene 2216 $$ Methyl hexadecanoate $



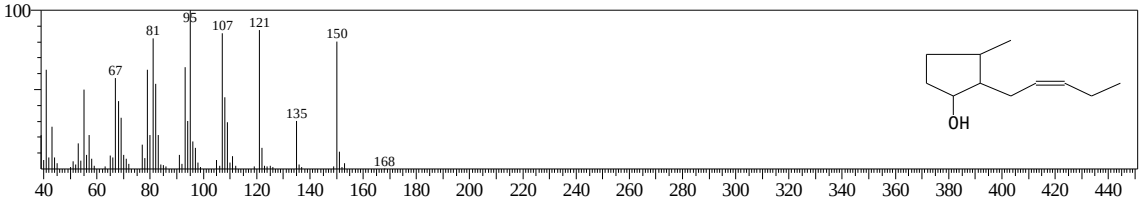
<< Target >>
Line#:12 R.Time:14.483(Scan#:1259) MassPeaks:47
RawMode:Single 14.483(1259) BasePeak:108.90(6540)
BG Mode:None Group 1 - Event 1



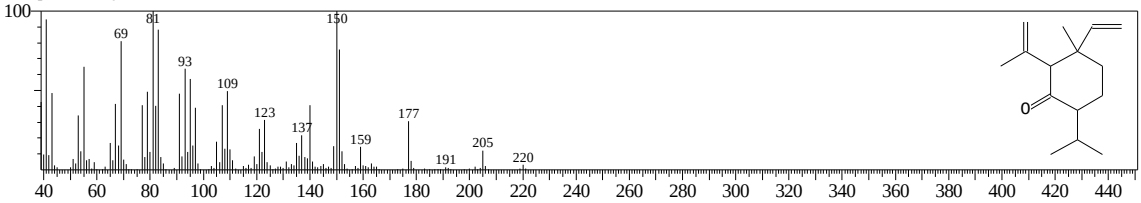
Hit#:1 Entry:123530 Library:NIST11.lib
SI:72 Formula:C20H34O2 CAS:1857-24-5 MolWeight:306 RetIndex:2405
CompName:1-Naphthalenemethanol, decahydro-5-(5-hydroxy-3-methyl-3-pentenyl)-1,4a-dimethyl-6-methylene-, [1S-[1.alpha.,4a.alpha.,5.alpha.(E),8a.beta.]]-



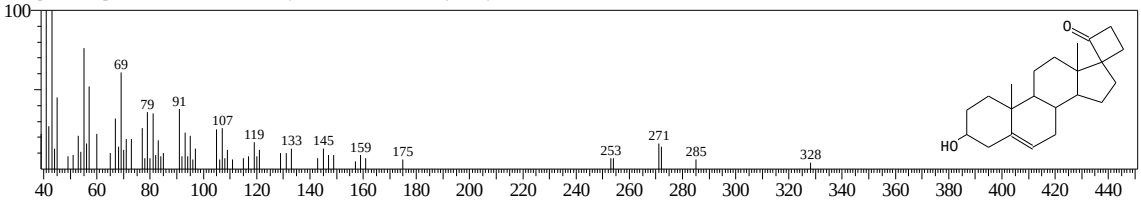
Hit#:2 Entry:12457 Library:NIST11s.lib
SI:71 Formula:C11H20O CAS:137303-64-1 MolWeight:168 RetIndex:1315
CompName:Cyclopentanol, 3-methyl-2-(2-pentenyl)- $$ 3-Methyl-2-[(2Z)-2-pentenyl]cyclopentanol # $$



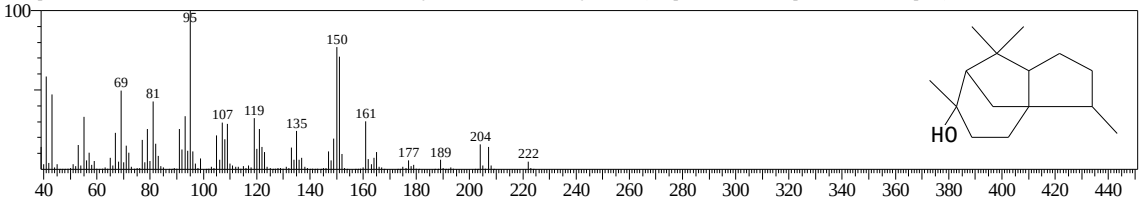
Hit#:3 Entry:20012 Library:NIST11s.lib
SI:71 Formula:C15H24O CAS:21698-44-2 MolWeight:220 RetIndex:1538
CompName:Shyobunone



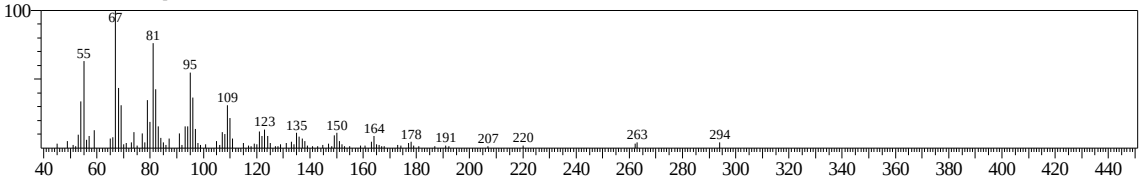
Hit#:4 Entry:140393 Library:NIST11.lib
SI:69 Formula:C22H32O2 CAS:60534-16-9 MolWeight:328 RetIndex:2413
CompName:Spiro[androst-5-ene-17,1'-cyclobutan]-2'-one, 3-hydroxy-, (3.beta.,17.beta.)-



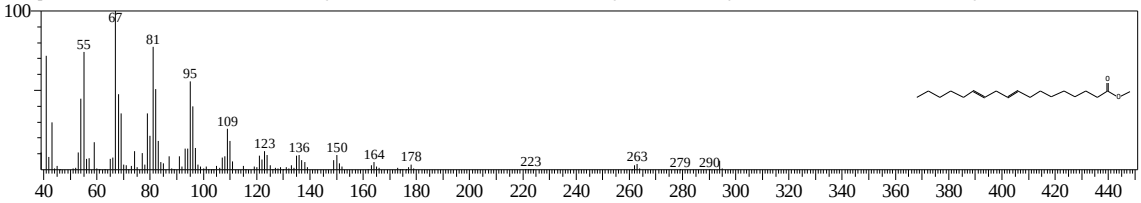
Hit#:5 Entry:20284 Library:NIST11s.lib
SI:68 Formula:C15H26O CAS:77-53-2 MolWeight:222 RetIndex:1543
CompName:Cedrol $$ 1H-3a,7-Methanoazulen-6-ol, octahydro-3,6,8,8-tetramethyl-, [3R-(3.alpha.,3a.beta.,6.alpha.,7.beta.,8a.alpha.)]- $$ 8.beta.H-Cedran-8-ol



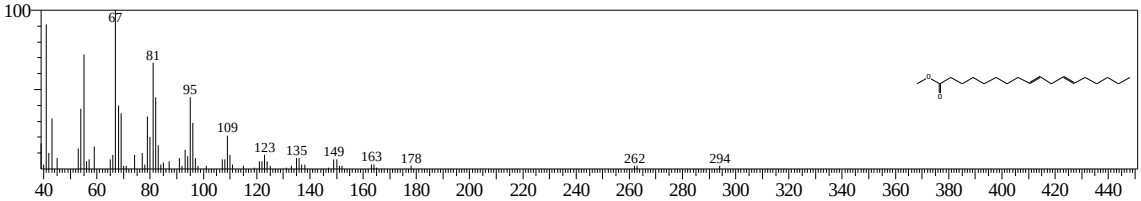
<< Target >>
Line#:13 R.Time:14.825(Scan#:1300) MassPeaks:102
RawMode:Single 14.825(1300) BasePeak:67.00(85729)
BG Mode:None Group 1 - Event 1



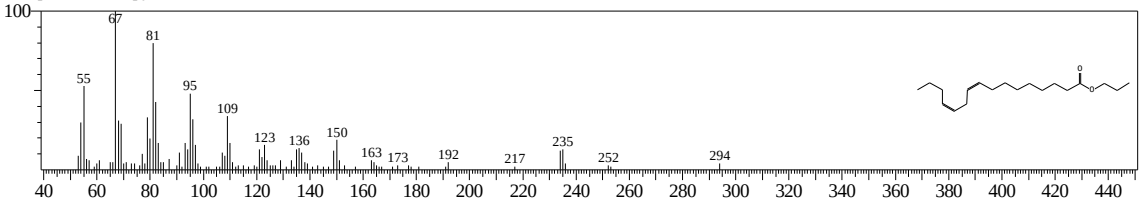
Hit#:1 Entry:113947 Library:NIST11.lib
SI:95 Formula:C19H34O2 CAS:2462-85-3 MolWeight:294 RetIndex:2093
CompName:9,12-Octadecadienoic acid, methyl ester $$ 9,12-Octadecenoic acid, methyl ester $$ Methyl octadeca-9,12-dienoate $$ Methyl 9,12-octadecadienoa



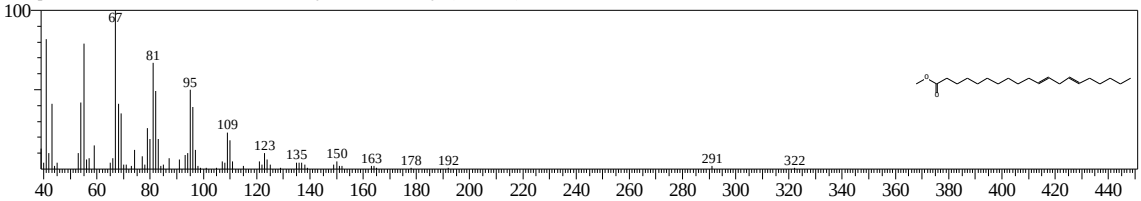
Hit#:2 Entry:25805 Library:NIST11s.lib
SI:93 Formula:C19H34O2 CAS:2566-97-4 MolWeight:294 RetIndex:2093
CompName:9,12-Octadecadienoic acid, methyl ester, (E,E)- $$ Linolelaidic acid, methyl ester $$ Methyl linolelaidate $$ Methyl trans,trans-9,12-octadecadieno



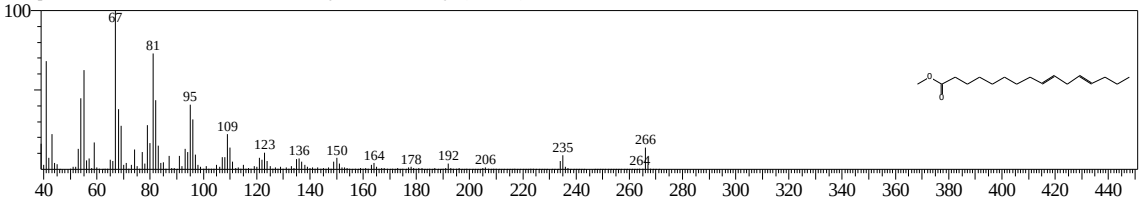
Hit#:3 Entry:113943 Library:NIST11.lib
SI:92 Formula:C19H34O2 CAS:0-00-0 MolWeight:294 RetIndex:2093
CompName:n-Propyl 9,12-hexadecadienoate



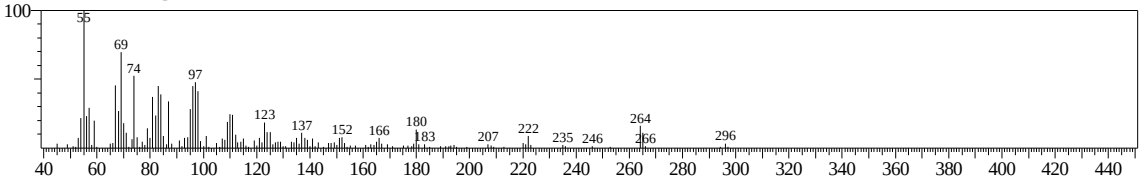
Hit#:4 Entry:135723 Library:NIST11.lib
SI:92 Formula:C21H38O2 CAS:2463-02-7 MolWeight:322 RetIndex:2292
CompName:11,14-Eicosadienoic acid, methyl ester $$ Methyl (11E,14E)-11,14-icosadienoate # $$



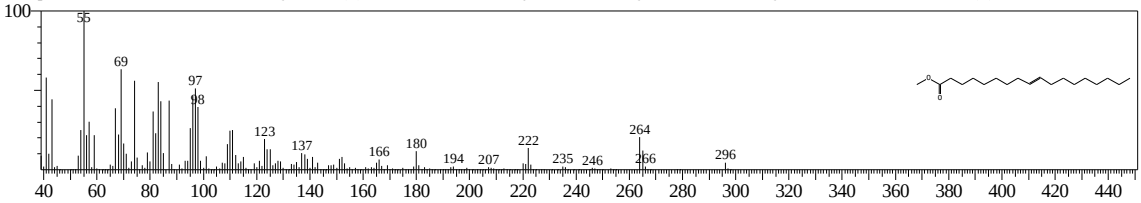
Hit#:5 Entry:91875 Library:NIST11.lib
SI:91 Formula:C17H30O2 CAS:2462-80-8 MolWeight:266 RetIndex:1894
CompName:9,12-Hexadecadienoic acid, methyl ester $$ Methyl (9E,12E)-9,12-hexadecadienoate # $$



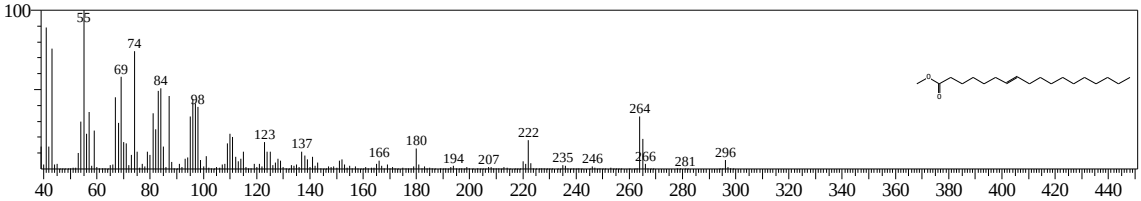
<< Target >>
Line#:14 R.Time:14.858(Scan#:1304) MassPeaks:138
RawMode:Single 14.858(1304) BasePeak:55.00(131260)
BG Mode:None Group 1 - Event 1



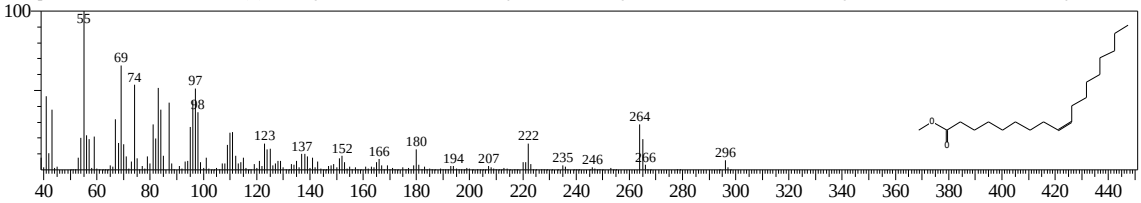
Hit#:1 Entry:25930 Library:NIST11s.lib
SI:95 Formula:C19H36O2 CAS:1937-62-8 MolWeight:296 RetIndex:2085
CompName:9-Octadecenoic acid, methyl ester, (E)- $$ Elaidic acid, methyl ester $$ Methyl elaidate $$ Methyl trans-9-octadecenoate $$ (E)-9-Octadecenoic aci



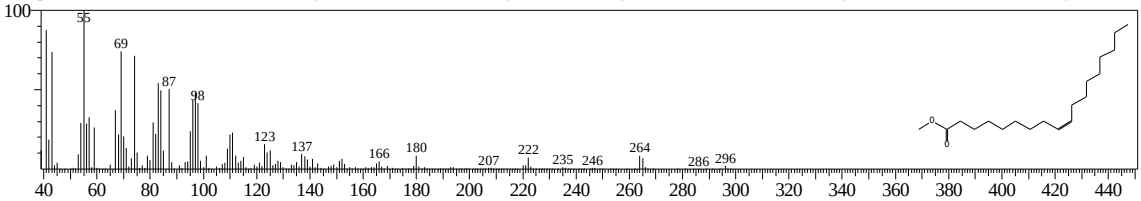
Hit#:2 Entry:115402 Library:NIST11.lib
SI:94 Formula:C19H36O2 CAS:57396-98-2 MolWeight:296 RetIndex:2085
CompName:7-Octadecenoic acid, methyl ester $$ Methyl 7-octadecenoate $$



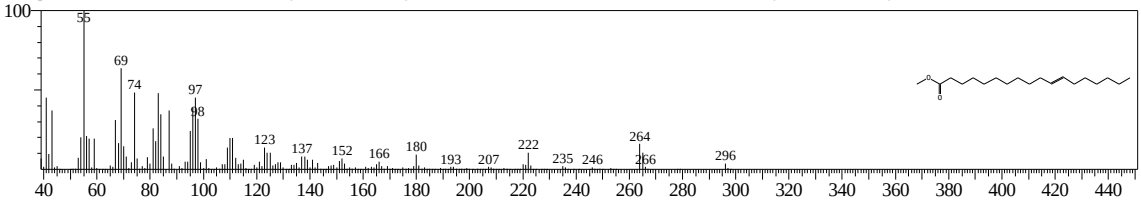
Hit#:3 Entry:115420 Library:NIST11.lib
SI:94 Formula:C19H36O2 CAS:112-62-9 MolWeight:296 RetIndex:2085
CompName:9-Octadecenoic acid (Z)-, methyl ester $$ Oleic acid, methyl ester $$ Emery oleic acid ester 2301 $$ Methyl cis-9-octadecenoate $$ Methyl oleate $



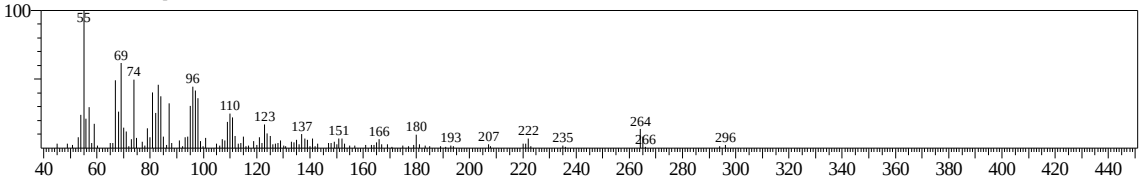
Hit#:4 Entry:25927 Library:NIST11s.lib
SI:93 Formula:C19H36O2 CAS:112-62-9 MolWeight:296 RetIndex:2085
CompName:9-Octadecenoic acid (Z)-, methyl ester $$ Oleic acid, methyl ester $$ Emery oleic acid ester 2301 $$ Methyl cis-9-octadecenoate $$ Methyl oleate $



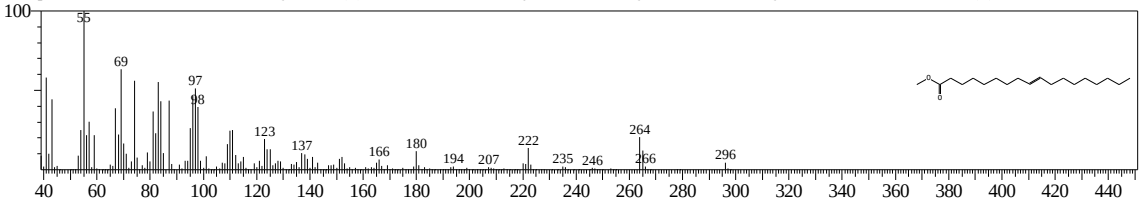
Hit#:5 Entry:25931 Library:NIST11s.lib
SI:93 Formula:C19H36O2 CAS:52380-33-3 MolWeight:296 RetIndex:2085
CompName:11-Octadecenoic acid, methyl ester $$ Methyl 11-octadecenoate $$ Octadec-11-enoic acid, methyl ester $$ Methyl (11E)-11-octadecenoate # $$ tran



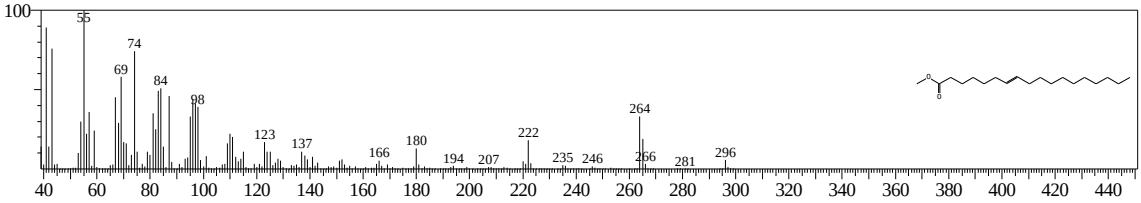
<< Target >>
Line#:15 R.Time:14.900(Scan#:1309) MassPeaks:123
RawMode:Single 14.900(1309) BasePeak:55.00(94847)
BG Mode:None Group 1 - Event 1



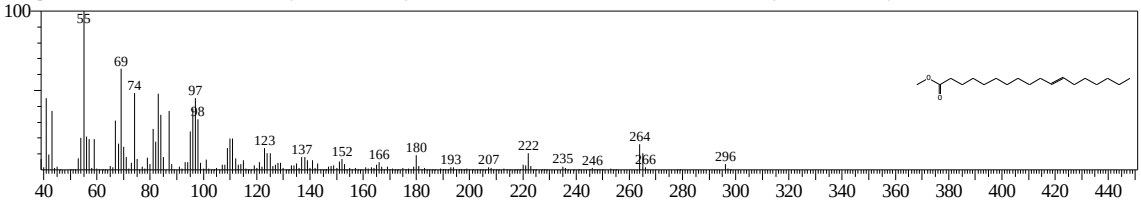
Hit#:1 Entry:25930 Library:NIST11s.lib
SI:95 Formula:C19H36O2 CAS:1937-62-8 MolWeight:296 RetIndex:2085
CompName:9-Octadecenoic acid, methyl ester, (E)- $$ Elaidic acid, methyl ester $$ Methyl elaidate $$ Methyl trans-9-octadecenoate $$ (E)-9-Octadecenoic aci



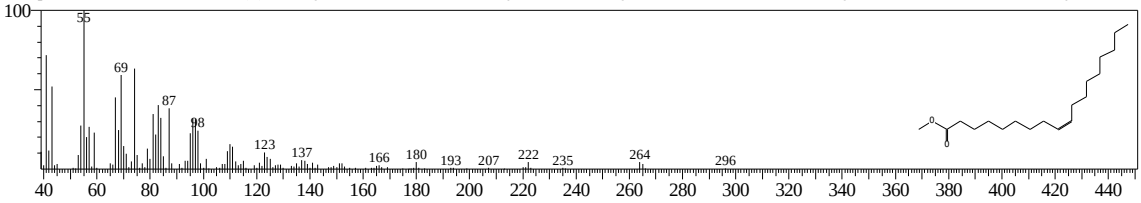
Hit#:2 Entry:115402 Library:NIST11.lib
SI:94 Formula:C19H36O2 CAS:57396-98-2 MolWeight:296 RetIndex:2085
CompName:7-Octadecenoic acid, methyl ester $$ Methyl 7-octadecenoate $$



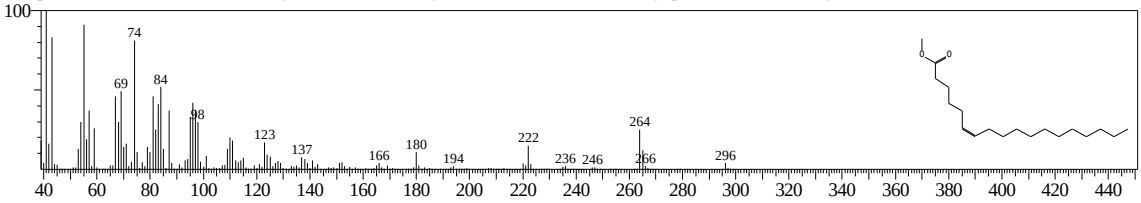
Hit#:3 Entry:25931 Library:NIST11s.lib
SI:94 Formula:C19H36O2 CAS:52380-33-3 MolWeight:296 RetIndex:2085
CompName:11-Octadecenoic acid, methyl ester $$ Methyl 11-octadecenoate $$ Octadec-11-enoic acid, methyl ester $$ Methyl (11E)-11-octadecenoate # $$ tran



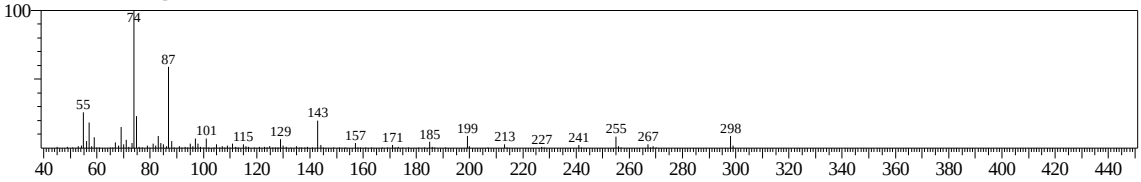
Hit#:4 Entry:25928 Library:NIST11s.lib
SI:93 Formula:C19H36O2 CAS:112-62-9 MolWeight:296 RetIndex:2085
CompName:9-Octadecenoic acid (Z)-, methyl ester $$ Oleic acid, methyl ester $$ Emery oleic acid ester 2301 $$ Methyl cis-9-octadecenoate $$ Methyl oleate $



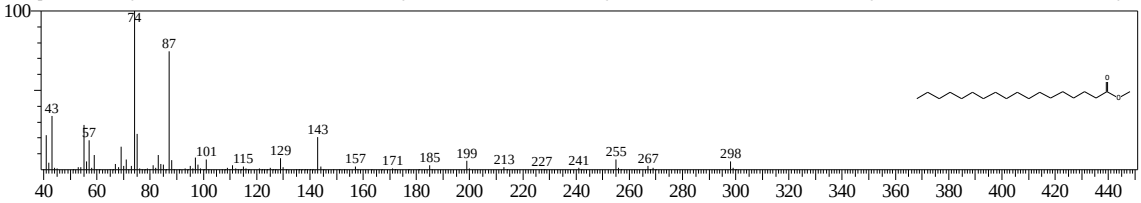
Hit#:5 Entry:25924 Library:NIST11s.lib
SI:93 Formula:C19H36O2 CAS:2777-58-4 MolWeight:296 RetIndex:2085
CompName:6-Octadecenoic acid, methyl ester, (Z)- $$ Methyl cis-6-octadecenoate $$ Methyl petroselinate $$ Methyl (6Z)-6-octadecenoate # $$ cis-6-Octadece



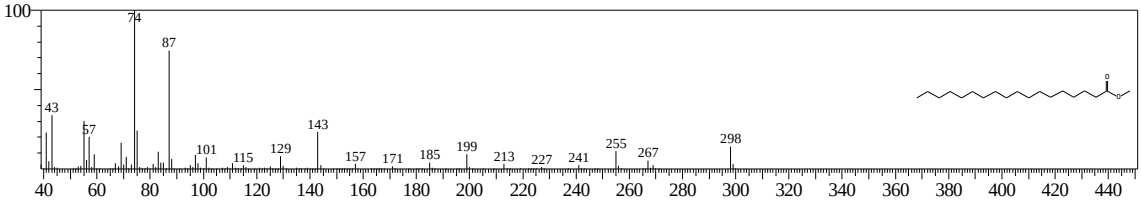
<< Target >>
Line#:16 R.Time:15.017(Scan#:1323) MassPeaks:121
RawMode:Single 15.017(1323) BasePeak:73.95(404394)
BG Mode:None Group 1 - Event 1



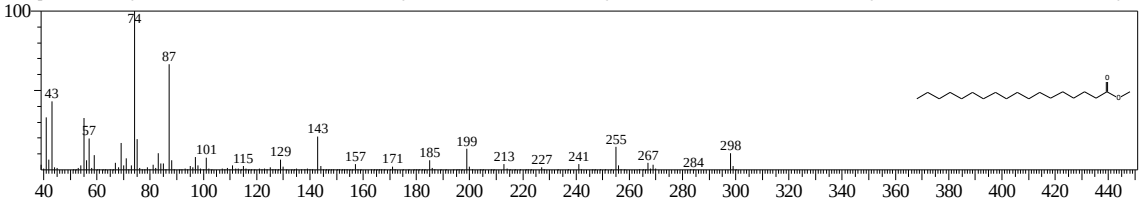
Hit#:1 Entry:26033 Library:NIST11s.lib
SI:96 Formula:C19H38O2 CAS:112-61-8 MolWeight:298 RetIndex:2077
CompName:Methyl stearate $$ Octadecanoic acid, methyl ester $$ Stearic acid, methyl ester $$ n-Octadecanoic acid, methyl ester $$ Kemester 9718 $$ Methyl



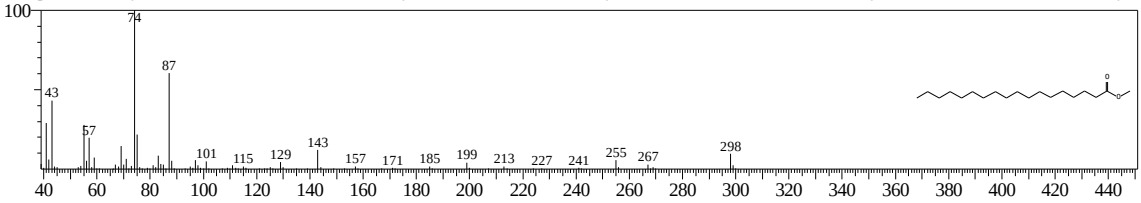
Hit#:2 Entry:117152 Library:NIST11.lib
SI:95 Formula:C19H38O2 CAS:112-61-8 MolWeight:298 RetIndex:2077
CompName:Methyl stearate $$ Octadecanoic acid, methyl ester $$ Stearic acid, methyl ester $$ n-Octadecanoic acid, methyl ester $$ Kemester 9718 $$ Methyl



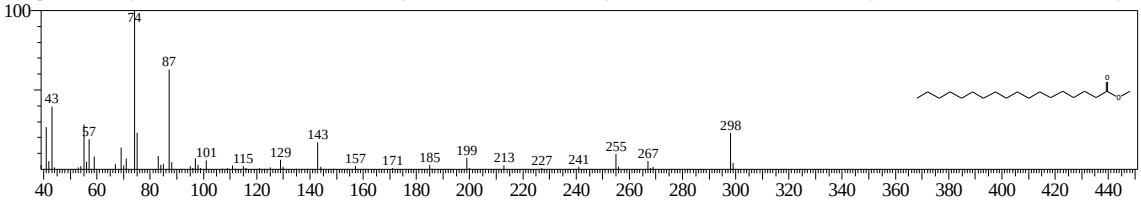
Hit#:3 Entry:26031 Library:NIST11s.lib
SI:95 Formula:C19H38O2 CAS:112-61-8 MolWeight:298 RetIndex:2077
CompName:Methyl stearate $$ Octadecanoic acid, methyl ester $$ Stearic acid, methyl ester $$ n-Octadecanoic acid, methyl ester $$ Kemester 9718 $$ Methyl



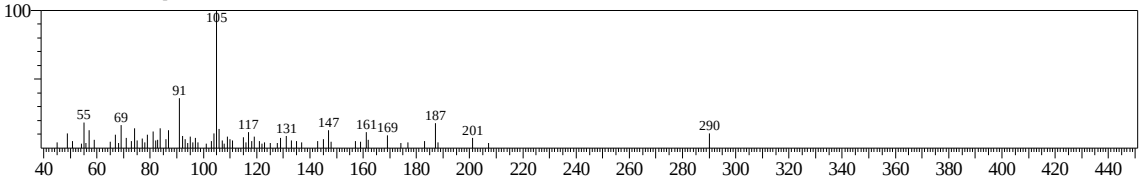
Hit#:4 Entry:26030 Library:NIST11s.lib
SI:95 Formula:C19H38O2 CAS:112-61-8 MolWeight:298 RetIndex:2077
CompName:Methyl stearate $$ Octadecanoic acid, methyl ester $$ Stearic acid, methyl ester $$ n-Octadecanoic acid, methyl ester $$ Kemester 9718 $$ Methyl



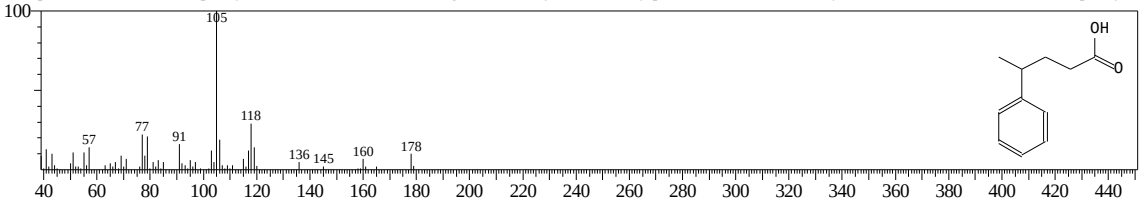
Hit#:5 Entry:26032 Library:NIST11s.lib
SI:95 Formula:C19H38O2 CAS:112-61-8 MolWeight:298 RetIndex:2077
CompName:Methyl stearate $$ Octadecanoic acid, methyl ester $$ Stearic acid, methyl ester $$ n-Octadecanoic acid, methyl ester $$ Kemester 9718 $$ Methyl



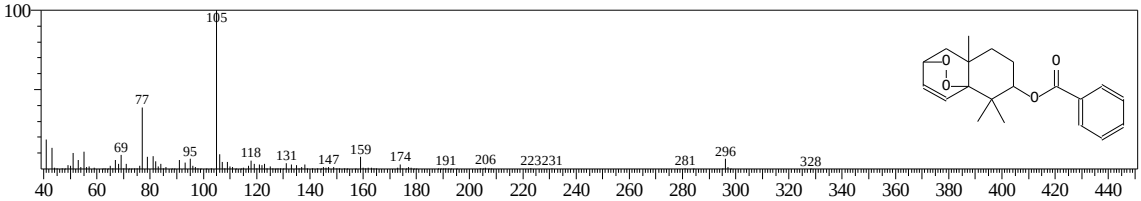
<< Target >>
Line#:17 R.Time:15.075(Scan#:1330) MassPeaks:75
RawMode:Single 15.075(1330) BasePeak:105.00(29999)
BG Mode:None Group 1 - Event 1



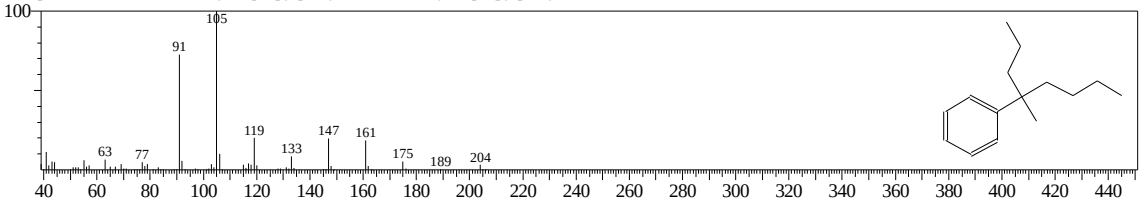
Hit#:1 Entry:30247 Library:NIST11.lib
SI:65 Formula:C11H14O2 CAS:16433-43-5 MolWeight:178 RetIndex:1484
CompName:Valeric acid, 4-phenyl- $$ Benzenebutanoic acid, .gamma.-methyl- $$ 4-Phenylpentanoic acid $$ 4-Phenylvaleric acid $$ Pentanoic acid, 4-phenyl-



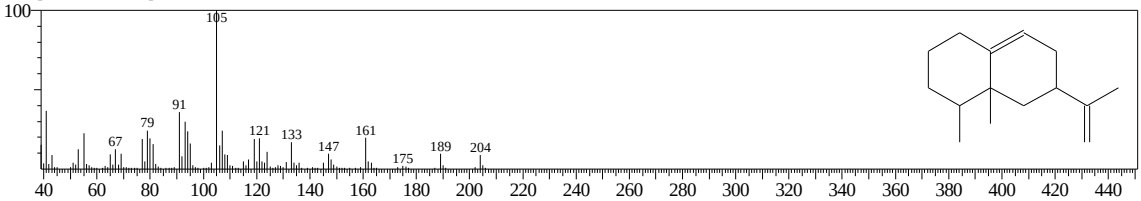
Hit#:2 Entry:140172 Library:NIST11.lib
SI:64 Formula:C20H24O4 CAS:108511-78-0 MolWeight:328 RetIndex:2325
CompName:2-Benzoyloxy-1,1,10-trimethyl-6,9-epidioxy-7-octalin



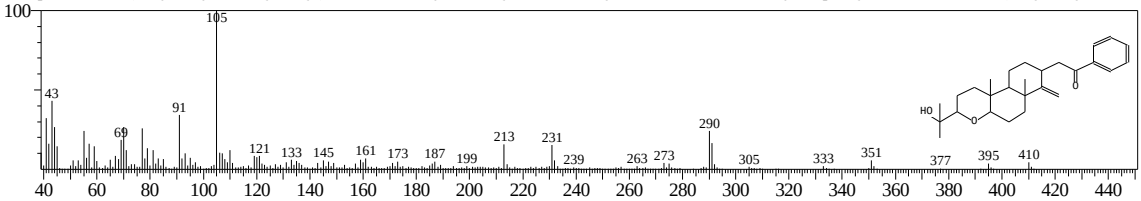
Hit#:3 Entry:46648 Library:NIST11.lib
SI:64 Formula:C15H24 CAS:54932-91-1 MolWeight:204 RetIndex:1504
CompName:Benzene, (1-methyl-1-propylpentyl)- $$ (1-Methyl-1-propylpentyl)benzene # $$



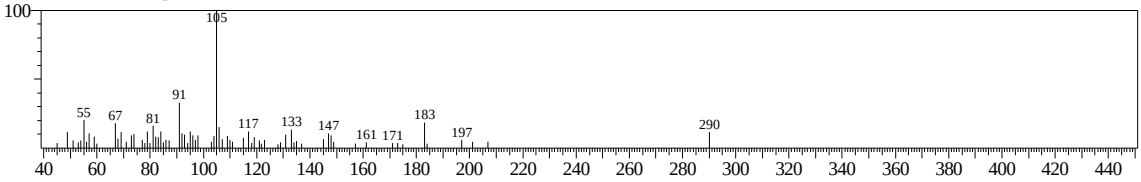
Hit#:4 Entry:46646 Library:NIST11.lib
SI:63 Formula:C15H24 CAS:0-00-0 MolWeight:204 RetIndex:1474
CompName:4,5-di-epi-aristolochene



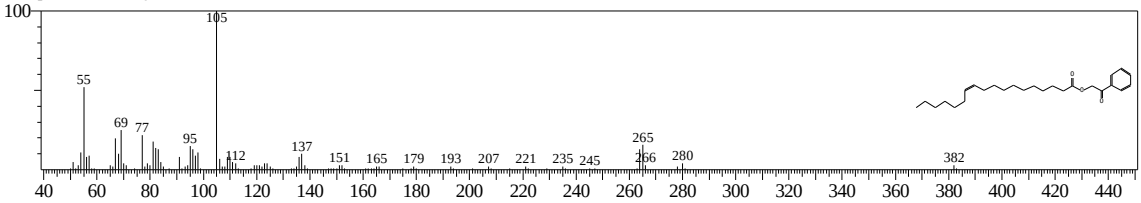
Hit#:5 Entry:186028 Library:NIST11.lib
SI:63 Formula:C27H38O3 CAS:0-00-0 MolWeight:410 RetIndex:3007
CompName:2-[3-(1-Hydroxy-1-methyl-ethyl)-6a,10b-dimethyl-7-methylene-dodecahydro-benzo[f]chromen-8-yl]-1-phenyl-ethanone $$ 2-[3-(1-Hydroxy-1-meth



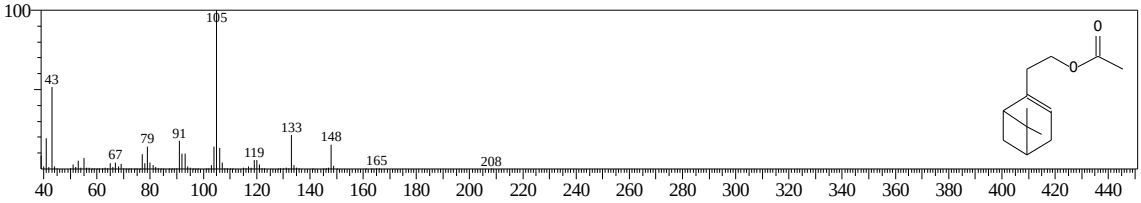
<< Target >>
Line#:18 R.Time:15.150(Scan#:1339) MassPeaks:72
RawMode:Single 15.150(1339) BasePeak:104.95(34306)
BG Mode:None Group 1 - Event 1



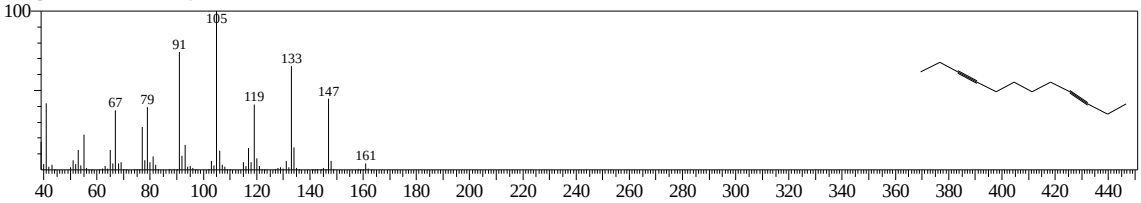
Hit#:1 Entry:182626 Library:NIST11.lib
SI:66 Formula:C26H40O3 CAS:0-00-0 MolWeight:400 RetIndex:2994
CompName:Phenacyl 11-octadecenoate



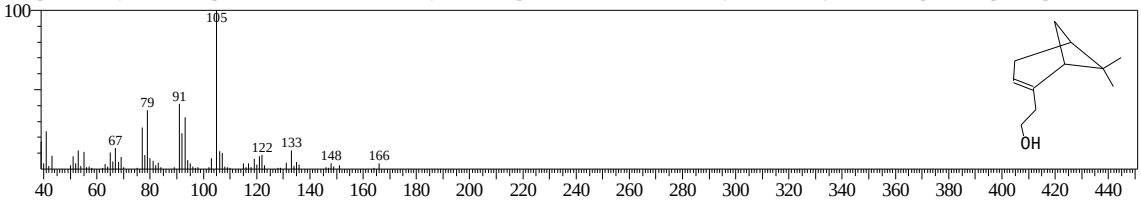
Hit#:2 Entry:49448 Library:NIST11.lib
SI:65 Formula:C13H20O2 CAS:128-51-8 MolWeight:208 RetIndex:1413
CompName:Nopyl acetate $$ Bicyclo[3.1.1]hept-2-ene-2-ethanol, 6,6-dimethyl-, acetate $$ Citroviol $$ Lignyl acetate $$ Nopol acetate $$ 2-Norpinene-2-ethar



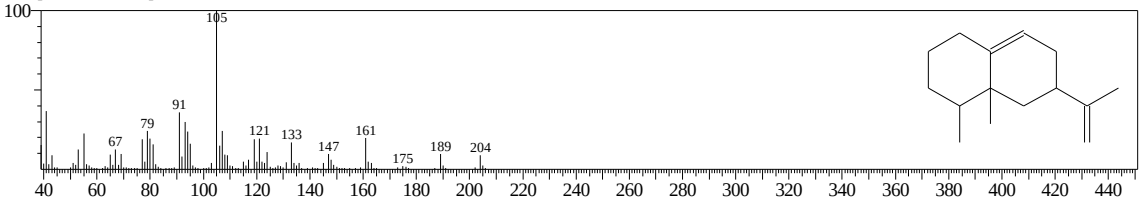
Hit#:3 Entry:11297 Library:NIST11s.lib
SI:65 Formula:C12H18 CAS:61827-89-2 MolWeight:162 RetIndex:1249
CompName:3,9-Dodecadiyne



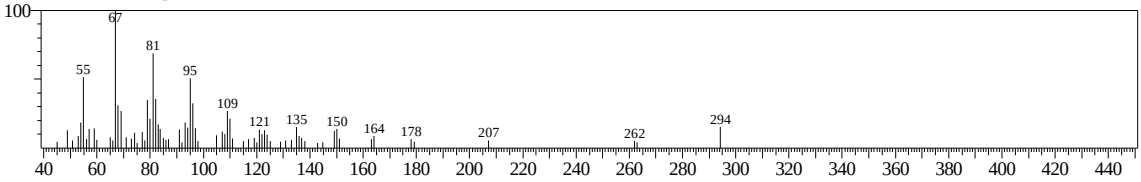
Hit#:4 Entry:12090 Library:NIST11s.lib
SI:65 Formula:C11H18O CAS:128-50-7 MolWeight:166 RetIndex:1290
CompName:Bicyclo[3.1.1]hept-2-ene-2-ethanol, 6,6-dimethyl- $$ 2-Norpinene-2-ethanol, 6,6-dimethyl- $$ Homomyrtenol $$ Nopol $$ Nopol (terpene) $$ 6,6-



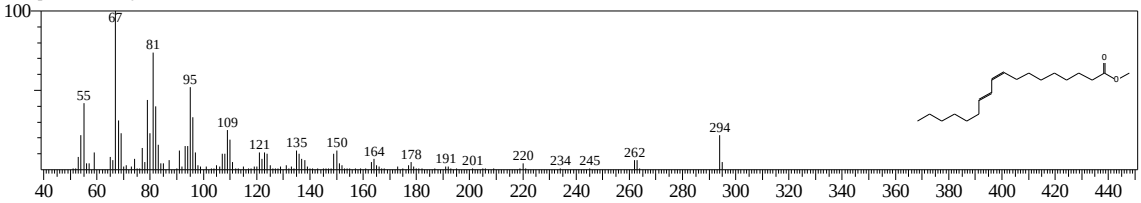
Hit#:5 Entry:46646 Library:NIST11.lib
SI:65 Formula:C15H24 CAS:0-00-0 MolWeight:204 RetIndex:1474
CompName:4,5-di-epi-aristolochene



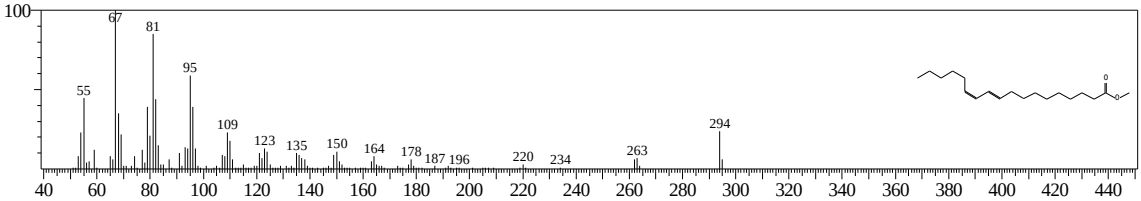
<< Target >>
Line#:19 R.Time:15.375(Scan#:1366) MassPeaks:73
RawMode:Single 15.375(1366) BasePeak:67.00(26388)
BG Mode:None Group 1 - Event 1



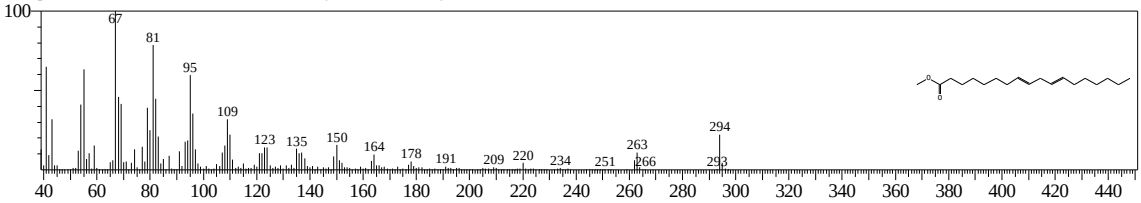
Hit#:1 Entry:113948 Library:NIST11.lib
SI:91 Formula:C19H34O2 CAS:0-00-0 MolWeight:294 RetIndex:2093
CompName:Methyl 9-cis,11-trans-octadecadienoate



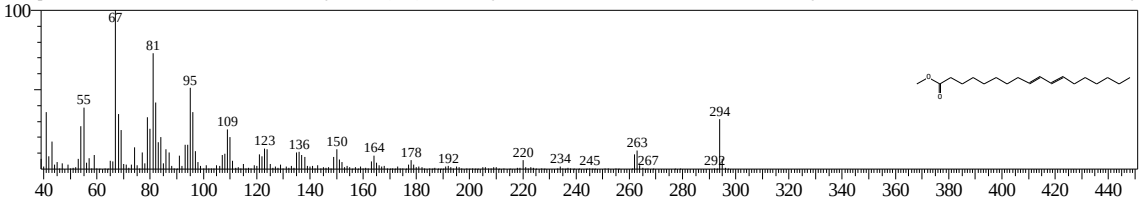
Hit#:2 Entry:113949 Library:NIST11.lib
SI:90 Formula:C19H34O2 CAS:0-00-0 MolWeight:294 RetIndex:2093
CompName:Methyl 10-trans,12-cis-octadecadienoate



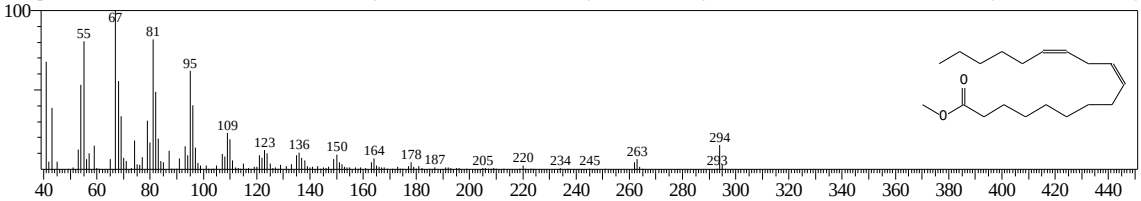
Hit#:3 Entry:113940 Library:NIST11.lib
SI:89 Formula:C19H34O2 CAS:56599-58-7 MolWeight:294 RetIndex:2093
CompName:8,11-Octadecadienoic acid, methyl ester $$ Methyl (8E,11E)-8,11-octadecadienoate # $$



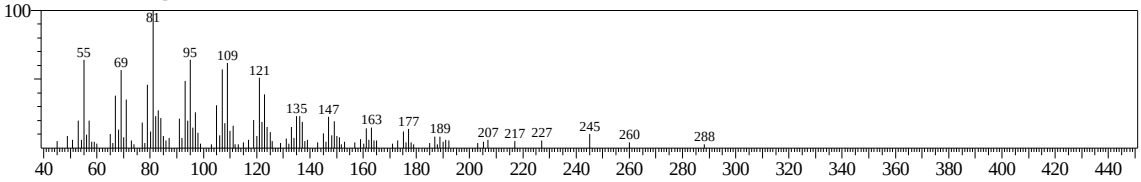
Hit#:4 Entry:113950 Library:NIST11.lib
SI:89 Formula:C19H34O2 CAS:13038-47-6 MolWeight:294 RetIndex:2093
CompName:9,11-Octadecadienoic acid, methyl ester, (E,E)- $$ Methyl trans-9,trans-11-octadecadienoate $$ Methyl trans,trans-9,11-octadecadienoate $$ Methy



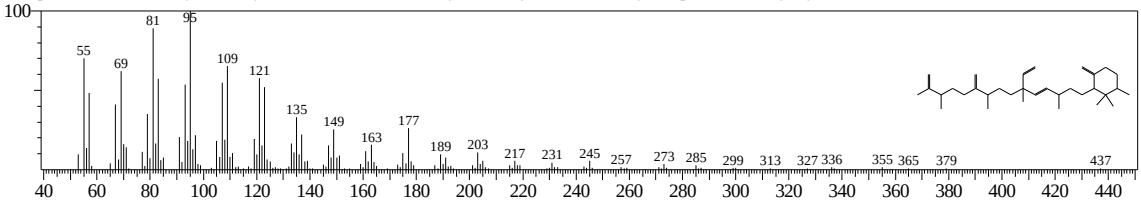
Hit#:5 Entry:25811 Library:NIST11s.lib
SI:89 Formula:C19H34O2 CAS:112-63-0 MolWeight:294 RetIndex:2093
CompName:9,12-Octadecadienoic acid (Z,Z)-, methyl ester $$ Linoleic acid, methyl ester $$ Methyl cis,cis-9,12-octadecadienoate $$ Methyl linoleate $$ Methy



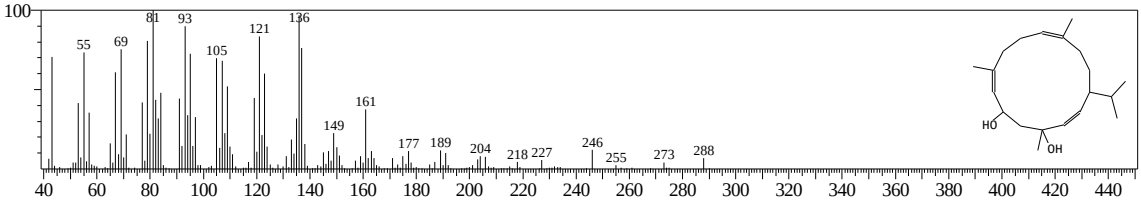
<< Target >>
Line#:20 R.Time:15.800(Scan#:1417) MassPeaks:110
RawMode:Single 15.800(1417) BasePeak:81.00(37447)
BG Mode:None Group 1 - Event 1



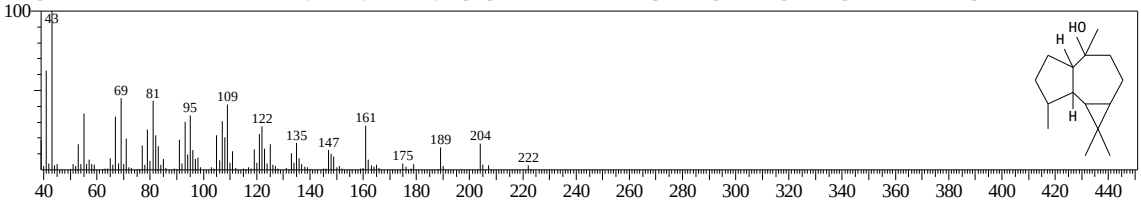
Hit#:1 Entry:197367 Library:NIST11.lib
SI:86 Formula:C33H56 CAS:0-00-0 MolWeight:452 RetIndex:2885
CompName:1,1,6-trimethyl-3-methylene-2-(3,6,9,13-tetramethyl-6-ethenye-10,14-dimethylene-pentadec-4-enyl)cyclohexane



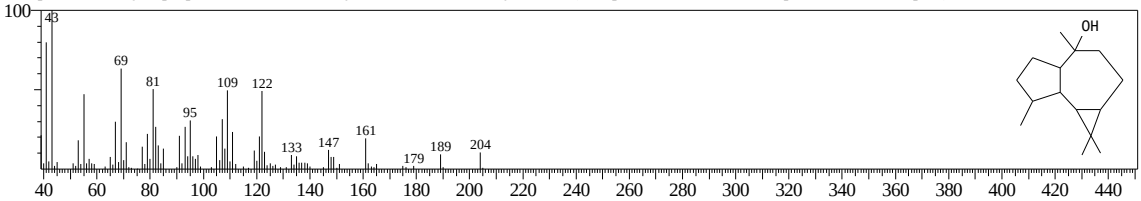
Hit#:2 Entry:26476 Library:NIST11s.lib
SI:83 Formula:C20H34O2 CAS:7220-78-2 MolWeight:306 RetIndex:2400
CompName:4,8,13-Cyclotetradecatriene-1,3-diol, 1,5,9-trimethyl-12-(1-methylethyl)- $$ FW 306 $$ 4,8,13-Duvatriene-1,3-Diol $$ 12-Isopropyl-1,5,9-trimethy



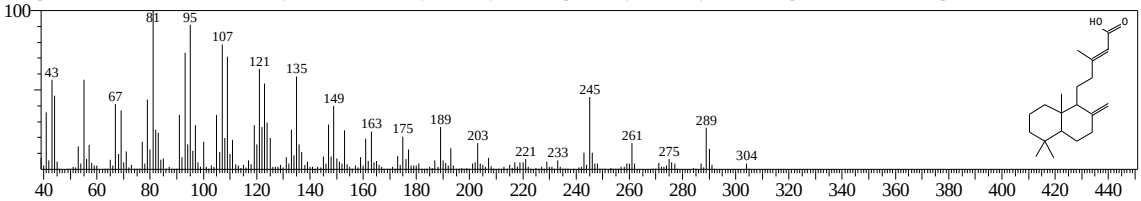
Hit#:3 Entry:59361 Library:NIST11.lib
SI:82 Formula:C15H26O CAS:51371-47-2 MolWeight:222 RetIndex:1530
CompName:Globulol $$ 1,1,4,7-Tetramethyldecahydro-1H-cyclopropa[e]azulen-4-ol, (1a.alpha.,4.alpha.,4a.alpha.,7.alpha.,7a.beta.,7b.alpha.)- $$ (.+/-.)-Globul



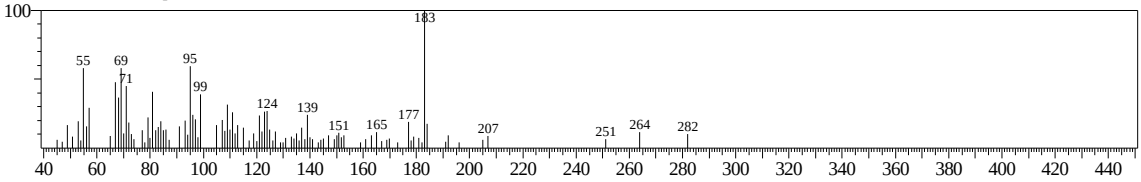
Hit#:4 Entry:59359 Library:NIST11.lib
SI:82 Formula:C15H26O CAS:552-02-3 MolWeight:222 RetIndex:1530
CompName:1H-Cycloprop[e]azulen-4-ol, decahydro-1,1,4,7-tetramethyl-, [1aR-(1a.alpha.,4.beta.,4a.beta.,7.alpha.,7a.beta.,7b.alpha.)]- $$ Viridiflorol $$ 1,1,4,7



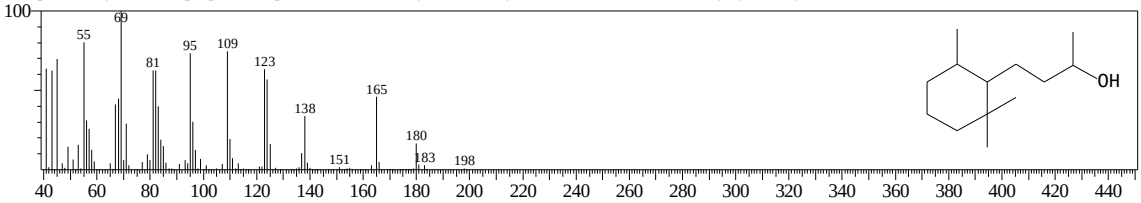
Hit#:5 Entry:121882 Library:NIST11.lib
SI:82 Formula:C20H32O2 CAS:24470-48-2 MolWeight:304 RetIndex:2276
CompName:2-Pentenoic acid, 5-(decahydro-5,5,8a-trimethyl-2-methylene-1-naphthalenyl)-3-methyl-, [1S-[1.alpha.(E),4a.beta.,8a.alpha.]]- $$ Labda-8(20),13-d



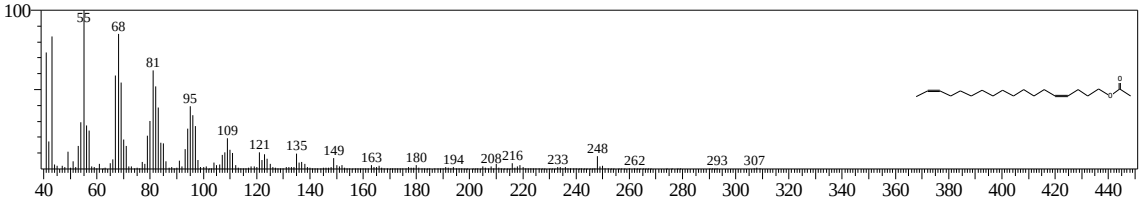
<< Target >>
Line#:21 R.Time:15.867(Scan#:1425) MassPeaks:100
RawMode:Single 15.867(1425) BasePeak:183.00(24777)
BG Mode:None Group 1 - Event 1



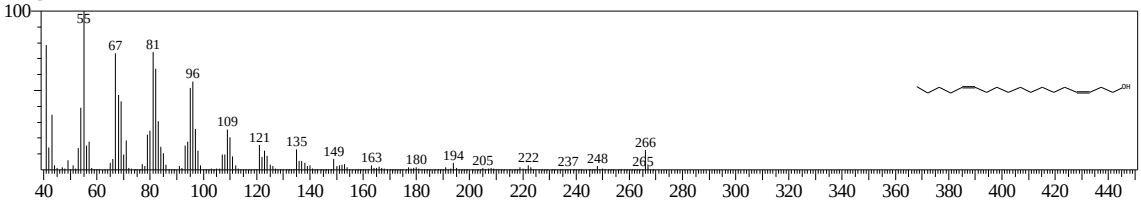
Hit#:1 Entry:42893 Library:NIST11.lib
SI:72 Formula:C13H26O CAS:4361-23-3 MolWeight:198 RetIndex:1437
CompName:Cyclohexanepropanol, .alpha.,2,2,6-tetramethyl- $$ Tetrahydroionol $$ 4-(2,2,6-Trimethylcyclohexyl)-2-butanol $$



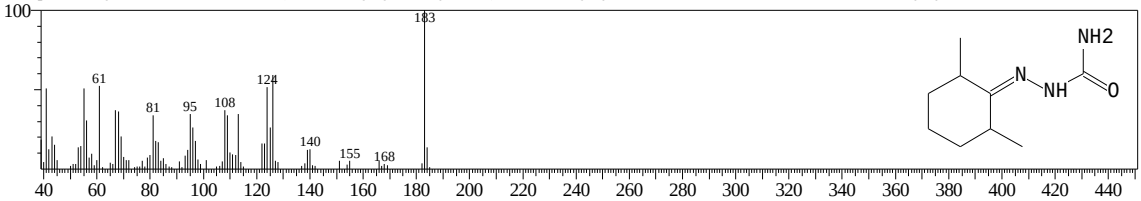
Hit#:2 Entry:124946 Library:NIST11.lib
SI:68 Formula:C20H36O2 CAS:0-00-0 MolWeight:308 RetIndex:2193
CompName:Z,Z-4,16-Octadecadien-1-ol acetate $$ (4Z,16Z)-4,16-Octadecadienyl acetate # $$



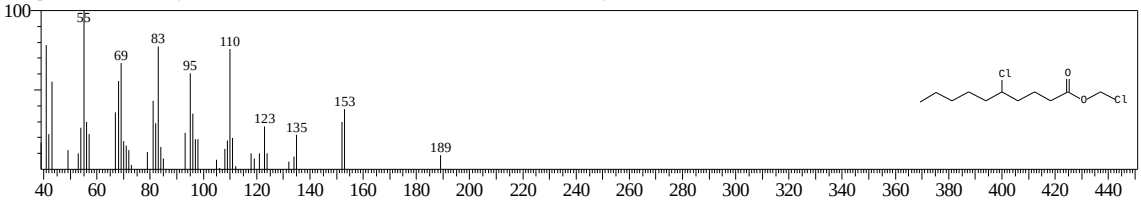
Hit#:3 Entry:91953 Library:NIST11.lib
SI:68 Formula:C18H34O CAS:0-00-0 MolWeight:266 RetIndex:2069
CompName:Z,Z-3,13-Octadecadien-1-ol $$ (3Z,13Z)-3,13-Octadecadien-1-ol # $$



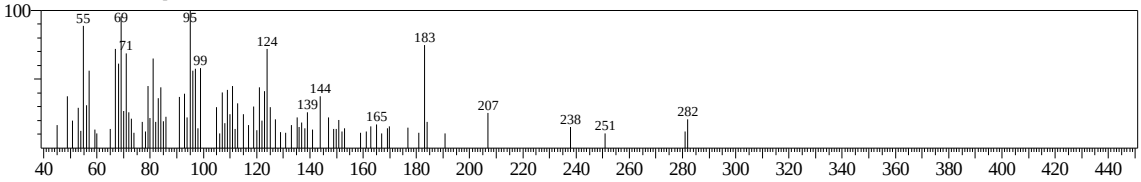
Hit#:4 Entry:33246 Library:NIST11.lib
SI:67 Formula:C9H17N3O CAS:57174-11-5 MolWeight:183 RetIndex:1742
CompName:Hydrazinecarboxamide, 2-(2,6-dimethylcyclohexylidene)- $$ Dimethylcyclohexanone semicarbazone $$ 2,6-Dimethylcyclohexanone semicarbazone



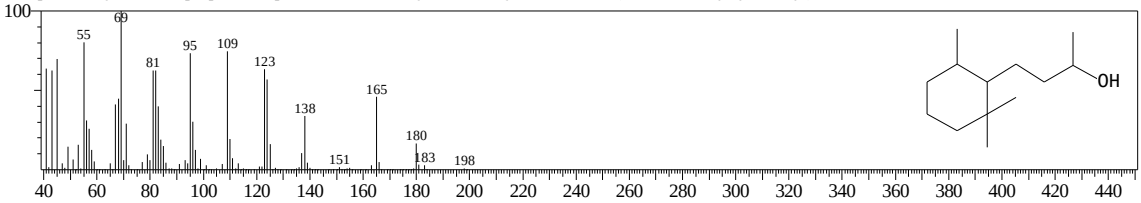
Hit#:5 Entry:82119 Library:NIST11.lib
SI:67 Formula:C11H20Cl2O2 CAS:80418-82-2 MolWeight:254 RetIndex:1648
CompName:Chloromethyl 5-chlorodecanoate $$ 5-Chlorodecanoic acid, chloromethyl ester $$



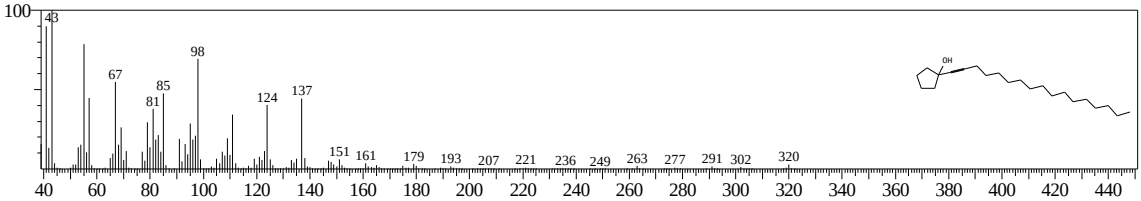
<< Target >>
Line#:22 R.Time:15.950(Scan#:1435) MassPeaks:89
RawMode:Single 15.950(1435) BasePeak:95.00(9839)
BG Mode:None Group 1 - Event 1



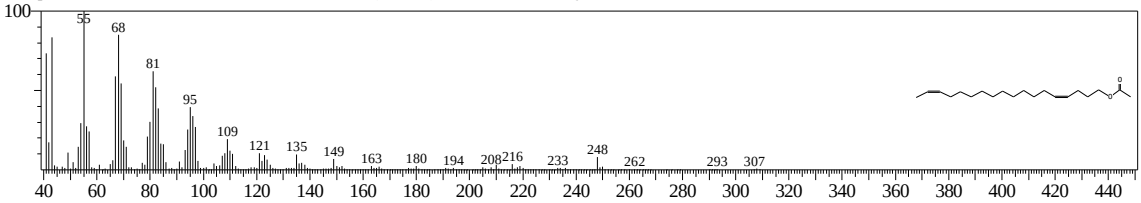
Hit#:1 Entry:42893 Library:NIST11.lib
SI:70 Formula:C13H26O CAS:4361-23-3 MolWeight:198 RetIndex:1437
CompName:Cyclohexanepropanol, .alpha.,2,2,6-tetramethyl- $$ Tetrahydroionol $$ 4-(2,2,6-Trimethylcyclohexyl)-2-butanol $$



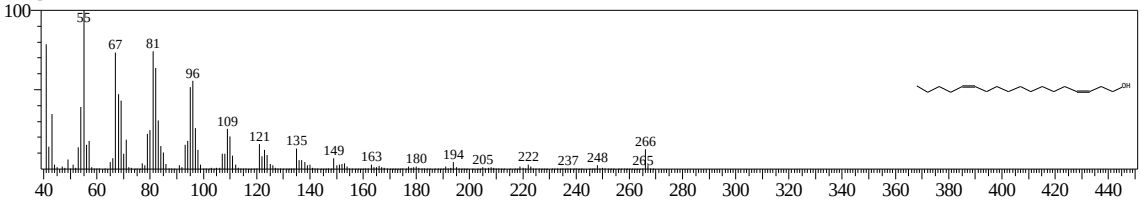
Hit#:2 Entry:134421 Library:NIST11.lib
SI:68 Formula:C22H40O CAS:0-00-0 MolWeight:320 RetIndex:2419
CompName:1-Heptadec-1-ynyl-cyclopentanol $$ 1-(1-Heptadecynyl)cyclopentanol # $$



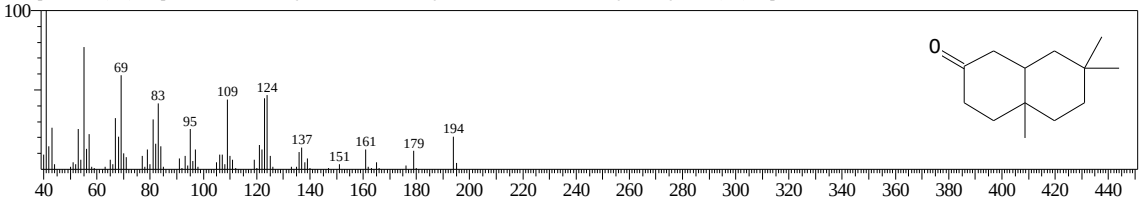
Hit#:3 Entry:124946 Library:NIST11.lib
SI:68 Formula:C20H36O2 CAS:0-00-0 MolWeight:308 RetIndex:2193
CompName:Z,Z-4,16-Octadecadien-1-ol acetate $$ (4Z,16Z)-4,16-Octadecadienyl acetate # $$



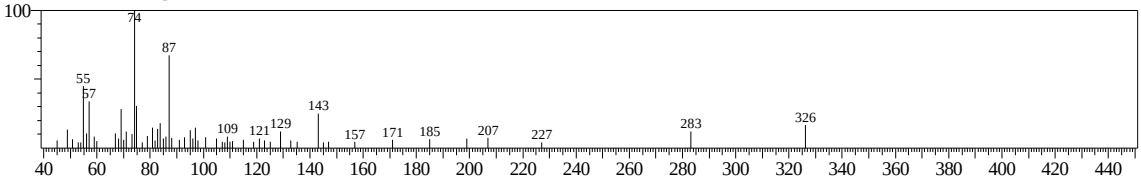
Hit#:4 Entry:91953 Library:NIST11.lib
SI:66 Formula:C18H34O CAS:0-00-0 MolWeight:266 RetIndex:2069
CompName:Z,Z-3,13-Octadecadien-1-ol $$ (3Z,13Z)-3,13-Octadecadien-1-ol # $$



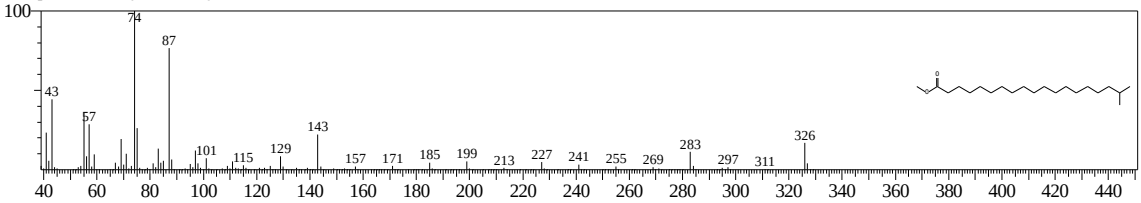
Hit#:5 Entry:40219 Library:NIST11.lib
SI:66 Formula:C13H22O CAS:7056-56-6 MolWeight:194 RetIndex:1481
CompName:2(1H)-Naphthalenone, octahydro-4a,7,7-trimethyl-, cis- $$ 4a,7,7-Trimethyloctahydro-2(1H)-naphthalenone, cis- $$



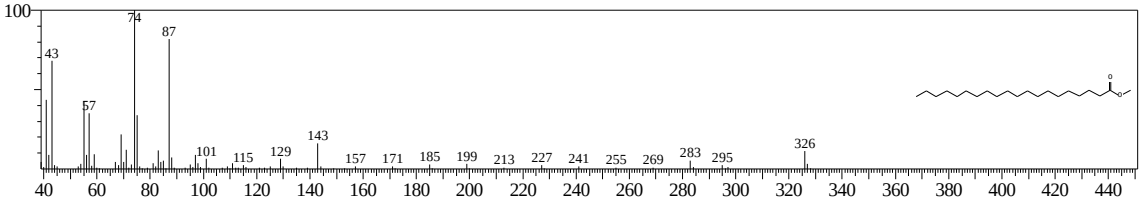
<< Target >>
Line#:23 R.Time:16.192(Scan#:1464) MassPeaks:60
RawMode:Single 16.192(1464) BasePeak:74.00(25071)
BG Mode:None Group 1 - Event 1



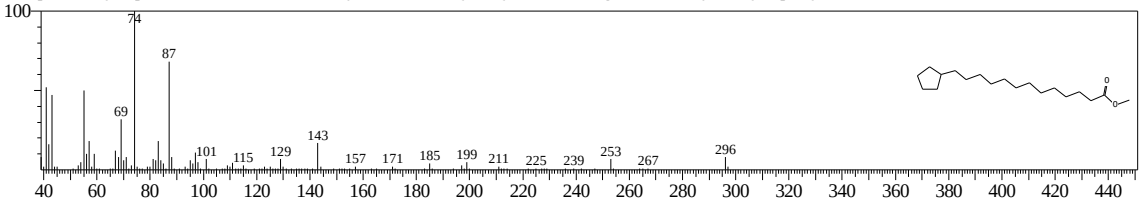
Hit#:1 Entry:138745 Library:NIST11.lib
SI:82 Formula:C21H42O2 CAS:0-00-0 MolWeight:326 RetIndex:2212
CompName:Methyl 18-methylnonadecanoate



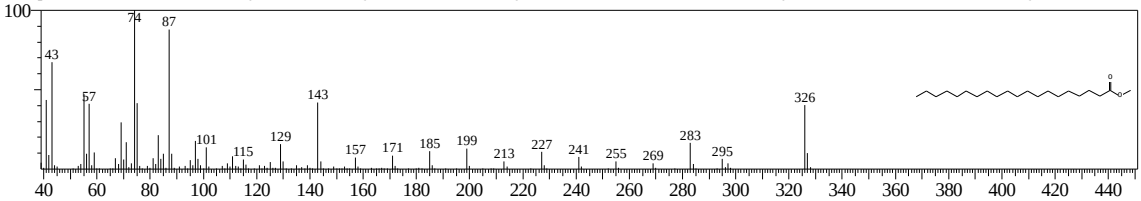
Hit#:2 Entry:27502 Library:NIST11s.lib
SI:81 Formula:C21H42O2 CAS:1120-28-1 MolWeight:326 RetIndex:2276
CompName:Eicosanoic acid, methyl ester $$ Methyl arachisate $$ Methyl eicosanoate $$ Arachidic acid methyl ester $$ Kemester 2050 $$ Methyl aracidate $$



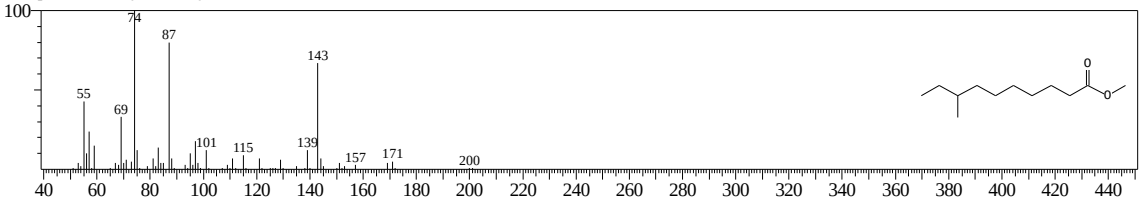
Hit#:3 Entry:115441 Library:NIST11.lib
SI:81 Formula:C19H36O2 CAS:24828-61-3 MolWeight:296 RetIndex:2120
CompName:Cyclopentanetridecanoic acid, methyl ester $$ Methyl dihydrochaulmoograte $$ Methyl 13-cyclopentyltridecanoate # $$



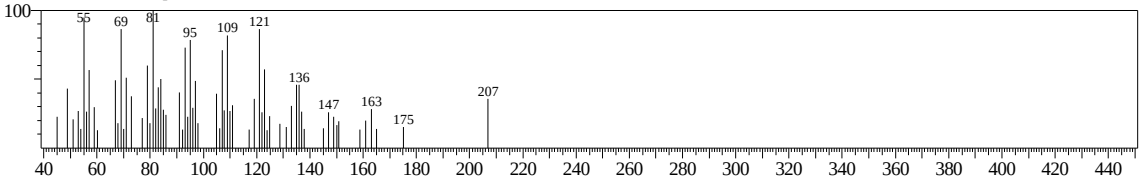
Hit#:4 Entry:138746 Library:NIST11.lib
SI:80 Formula:C21H42O2 CAS:1120-28-1 MolWeight:326 RetIndex:2276
CompName:Eicosanoic acid, methyl ester $$ Methyl arachisate $$ Methyl eicosanoate $$ Arachidic acid methyl ester $$ Kemester 2050 $$ Methyl aracidate $$



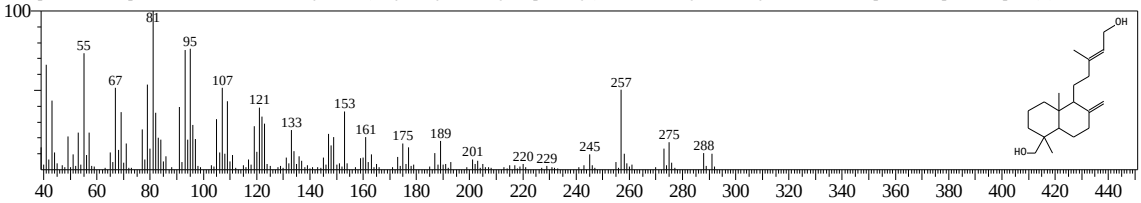
Hit#:5 Entry:44014 Library:NIST11.lib
SI:79 Formula:C12H24O2 CAS:0-00-0 MolWeight:200 RetIndex:1317
CompName:Methyl 8-methyl-decanoate



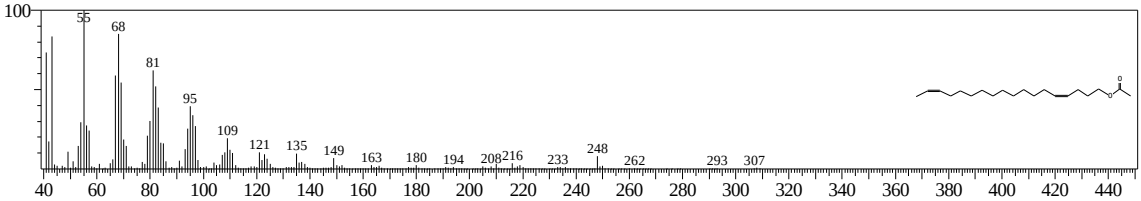
<< Target >>
Line#:24 R.Time:16.575(Scan#:1510) MassPeaks:65
RawMode:Single 16.575(1510) BasePeak:81.00(7796)
BG Mode:None Group 1 - Event 1



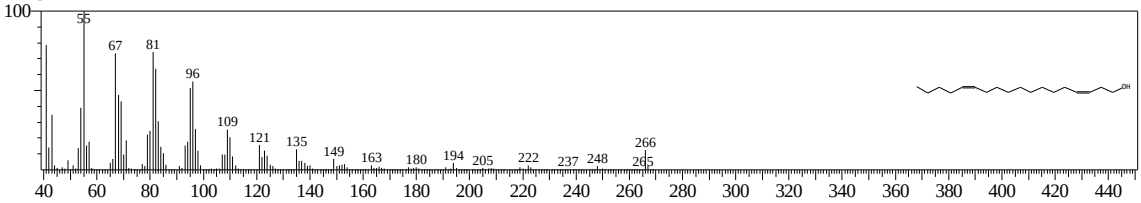
Hit#:1 Entry:123530 Library:NIST11.lib
SI:71 Formula:C20H34O2 CAS:1857-24-5 MolWeight:306 RetIndex:2405
CompName:1-Naphthalenemethanol, decahydro-5-(5-hydroxy-3-methyl-3-pentenyl)-1,4a-dimethyl-6-methylene-, [1S-[1.alpha.,4a.alpha.,5.alpha.(E),8a.beta.]]-



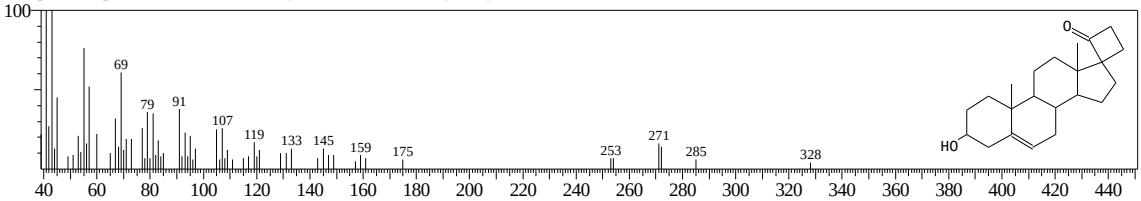
Hit#:2 Entry:124946 Library:NIST11.lib
SI:69 Formula:C20H36O2 CAS:0-00-0 MolWeight:308 RetIndex:2193
CompName:Z,Z-4,16-Octadecadien-1-ol acetate $$ (4Z,16Z)-4,16-Octadecadienyl acetate # $$



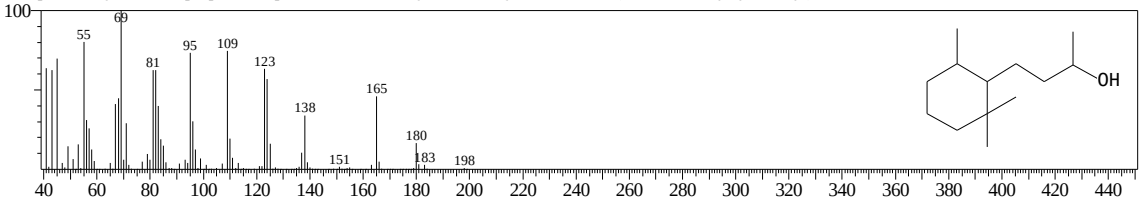
Hit#:3 Entry:91953 Library:NIST11.lib
SI:68 Formula:C18H34O CAS:0-00-0 MolWeight:266 RetIndex:2069
CompName:Z,Z-3,13-Octadecadien-1-ol $$ (3Z,13Z)-3,13-Octadecadien-1-ol # $$



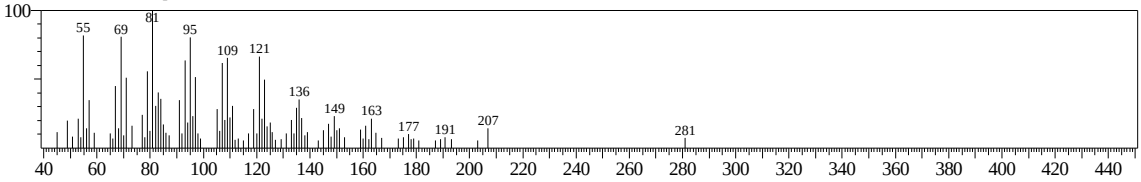
Hit#:4 Entry:140393 Library:NIST11.lib
SI:67 Formula:C22H32O2 CAS:60534-16-9 MolWeight:328 RetIndex:2413
CompName:Spiro[androst-5-ene-17,1'-cyclobutan]-2'-one, 3-hydroxy-, (3.beta.,17.beta.)-



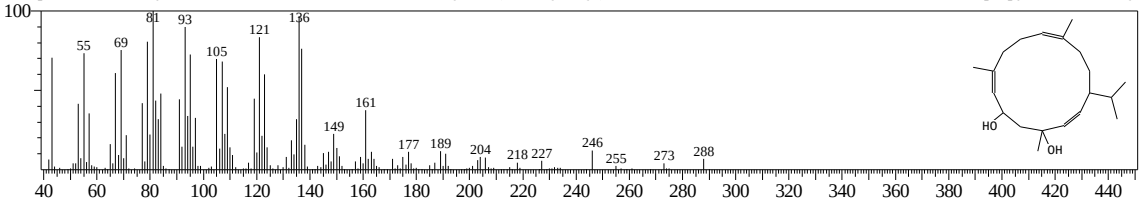
Hit#:5 Entry:42893 Library:NIST11.lib
SI:65 Formula:C13H26O CAS:4361-23-3 MolWeight:198 RetIndex:1437
CompName:Cyclohexanepropanol, .alpha.,2,2,6-tetramethyl- $$ Tetrahydroionol $$ 4-(2,2,6-Trimethylcyclohexyl)-2-butanol $$



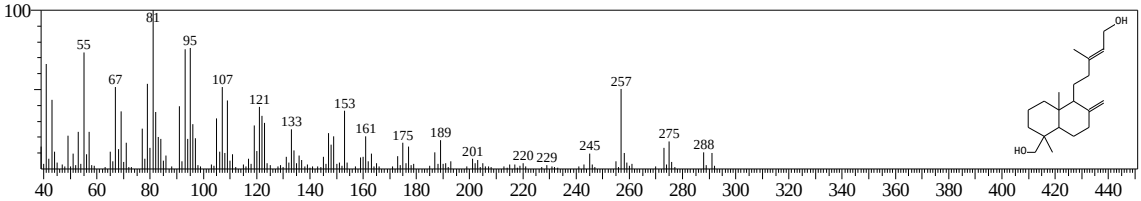
<< Target >>
Line#:25 R.Time:16.617(Scan#:1515) MassPeaks:94
RawMode:Single 16.617(1515) BasePeak:80.95(18615)
BG Mode:None Group 1 - Event 1



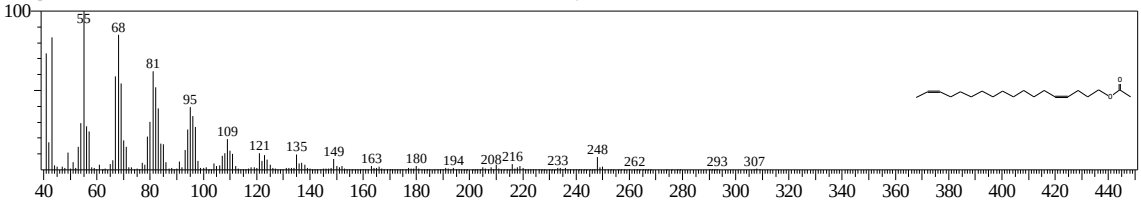
Hit#:1 Entry:26476 Library:NIST11s.lib
SI:84 Formula:C20H34O2 CAS:7220-78-2 MolWeight:306 RetIndex:2400
CompName:4,8,13-Cyclotetradecatriene-1,3-diol, 1,5,9-trimethyl-12-(1-methylethyl)- $$ FW 306 $$ 4,8,13-Duvatriene-1,3-Diol $$ 12-Isopropyl-1,5,9-trimethy



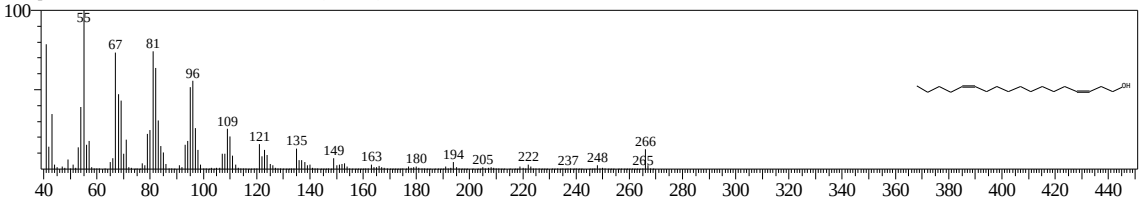
Hit#:2 Entry:123530 Library:NIST11.lib
SI:76 Formula:C20H34O2 CAS:1857-24-5 MolWeight:306 RetIndex:2405
CompName:1-Naphthalenemethanol, decahydro-5-(5-hydroxy-3-methyl-3-pentenyl)-1,4a-dimethyl-6-methylene-, [1S-[1.alpha.,4a.alpha.,5.alpha.(E),8a.beta.]]-



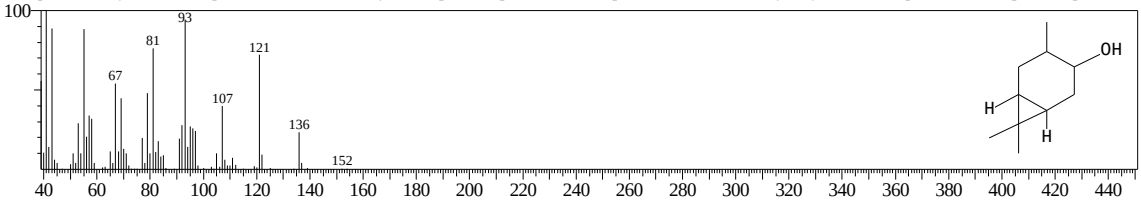
Hit#:3 Entry:124946 Library:NIST11.lib
SI:71 Formula:C20H36O2 CAS:0-00-0 MolWeight:308 RetIndex:2193
CompName:Z,Z-4,16-Octadecadien-1-ol acetate $$ (4Z,16Z)-4,16-Octadecadienyl acetate # $$



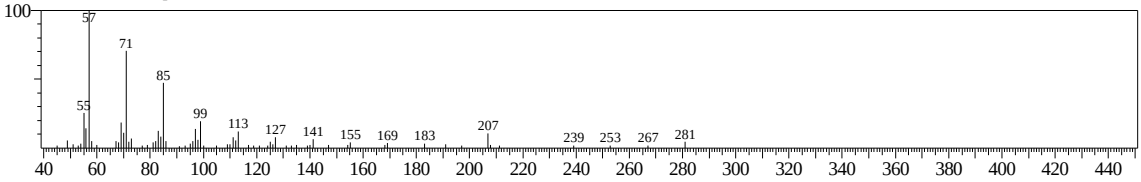
Hit#:4 Entry:91953 Library:NIST11.lib
SI:71 Formula:C18H34O CAS:0-00-0 MolWeight:266 RetIndex:2069
CompName:Z,Z-3,13-Octadecadien-1-ol $$ (3Z,13Z)-3,13-Octadecadien-1-ol # $$



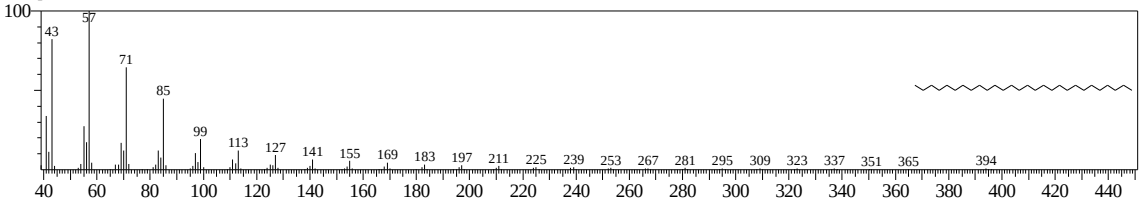
Hit#:5 Entry:9922 Library:NIST11s.lib
SI:70 Formula:C10H18O CAS:38748-96-8 MolWeight:154 RetIndex:1125
CompName:Bicyclo[4.1.0]heptan-3-ol, 4,7,7-trimethyl-, (1.alpha.,3.alpha.,4.beta.,6.alpha.)- $$ 4,7,7-Trimethylbicyclo[4.1.0]heptan-3-ol, (1.alpha.,3.alpha.,4.be



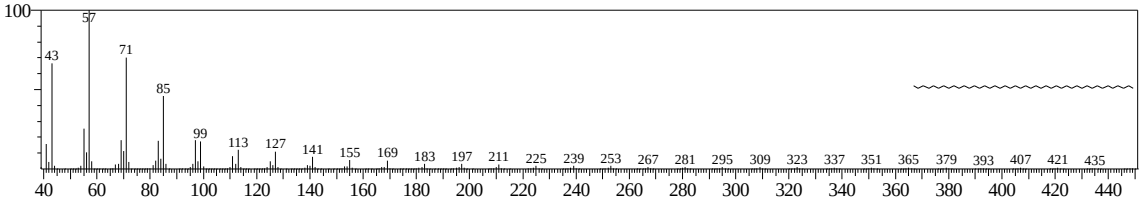
<< Target >>
Line#:26 R.Time:18.133(Scan#:1697) MassPeaks:67
RawMode:Single 18.133(1697) BasePeak:57.00(65369)
BG Mode:None Group 1 - Event 1



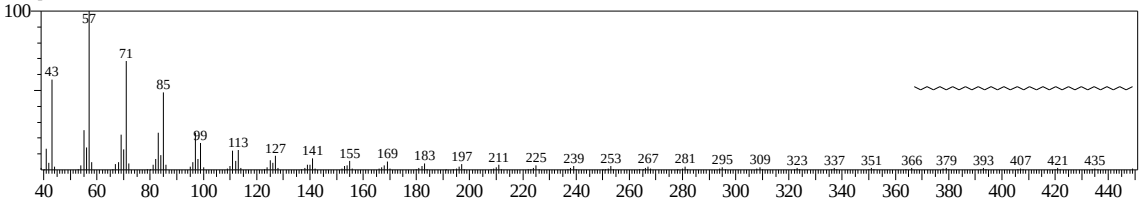
Hit#:1 Entry:29627 Library:NIST11s.lib
SI:90 Formula:C28H58 CAS:630-02-4 MolWeight:394 RetIndex:2804
CompName:Octacosane $$ n-Octacosane $$



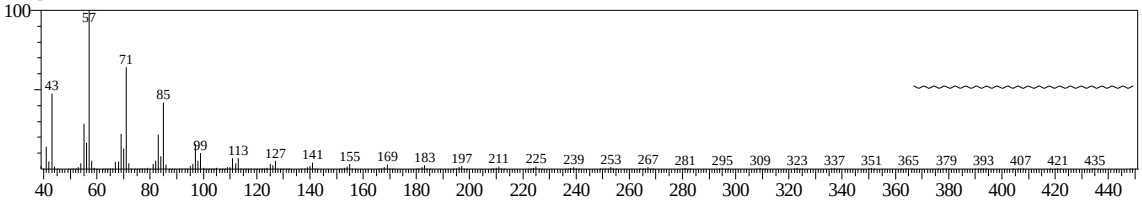
Hit#:2 Entry:210715 Library:NIST11.lib
SI:90 Formula:C44H90 CAS:7098-22-8 MolWeight:618 RetIndex:4395
CompName:Tetratetracontane $$ n-Tetratetracontane $$



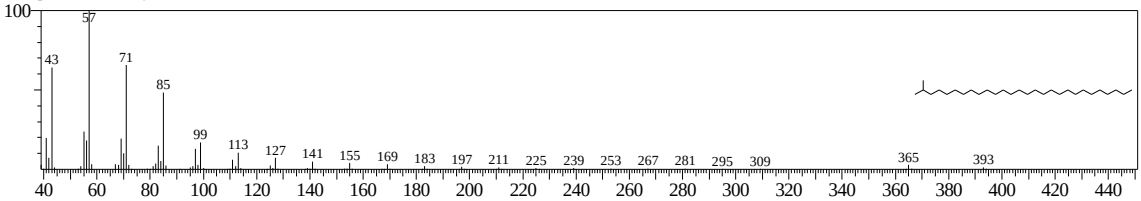
Hit#:3 Entry:30555 Library:NIST11s.lib
SI:90 Formula:C35H72 CAS:630-07-9 MolWeight:492 RetIndex:3500
CompName:Pentatriacontane $$ n-Pentatriacontane $$



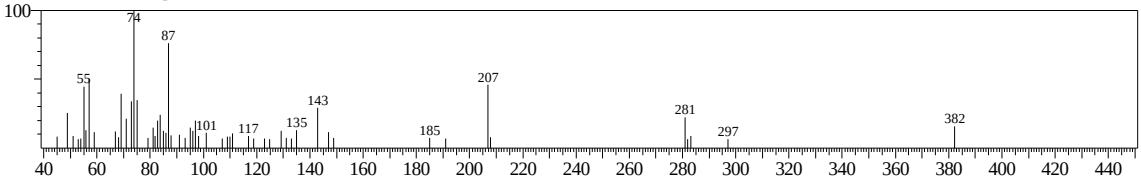
Hit#:4 Entry:210392 Library:NIST11.lib
SI:90 Formula:C43H88 CAS:7098-21-7 MolWeight:604 RetIndex:4295
CompName:Tritetracontane



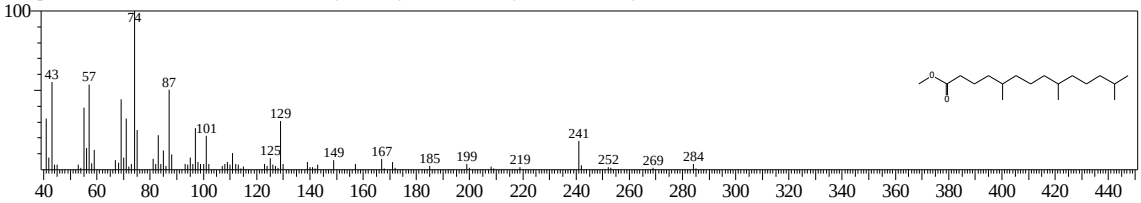
Hit#:5 Entry:185354 Library:NIST11.lib
SI:89 Formula:C29H60 CAS:0-00-0 MolWeight:408 RetIndex:2840
CompName:2-methyloctacosane



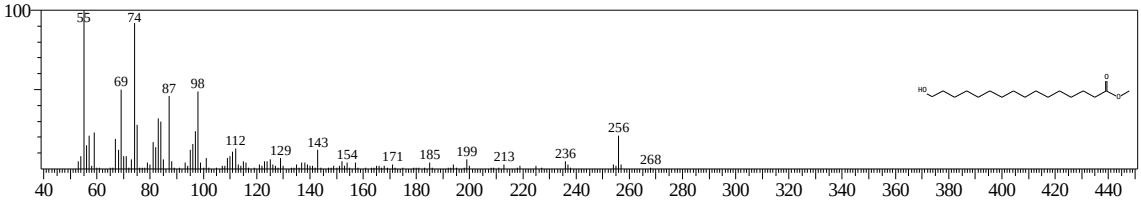
<< Target >>
Line#:27 R.Time:18.275(Scan#:1714) MassPeaks:56
RawMode:Single 18.275(1714) BasePeak:73.95(15377)
BG Mode:None Group 1 - Event 1



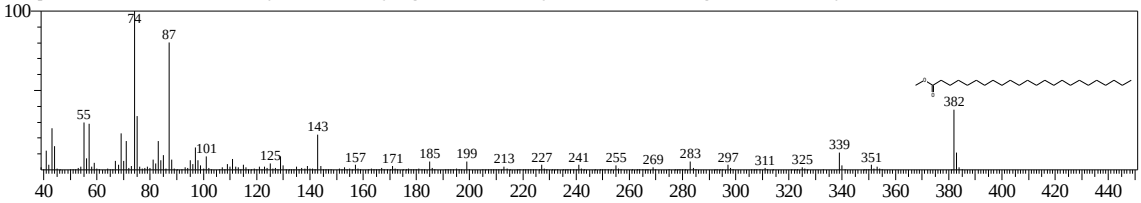
Hit#:1 Entry:106176 Library:NIST11.lib
SI:72 Formula:C18H36O2 CAS:56196-55-5 MolWeight:284 RetIndex:1785
CompName:Tetradecanoic acid, 5,9,13-trimethyl-, methyl ester $$ Methyl 5,9,13-trimethyltetradecanoate $$



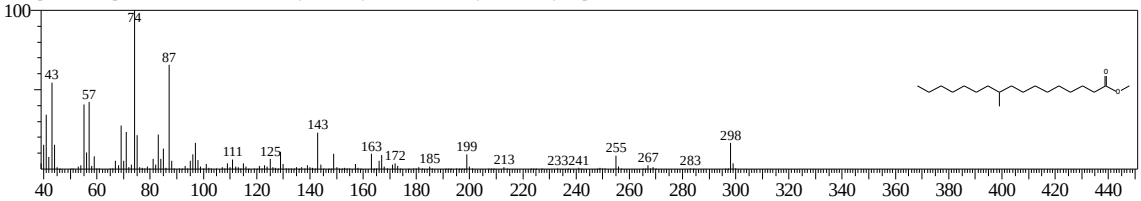
Hit#:2 Entry:107721 Library:NIST11.lib
SI:71 Formula:C17H34O3 CAS:0-00-0 MolWeight:286 RetIndex:2121
CompName:Methyl 16-hydroxy-hexadecanoate



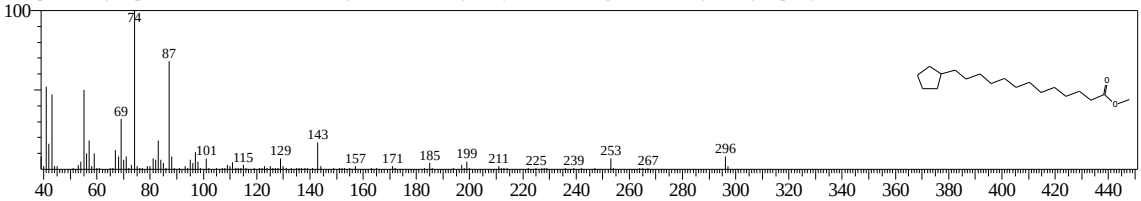
Hit#:3 Entry:29299 Library:NIST11s.lib
SI:71 Formula:C25H50O2 CAS:2442-49-1 MolWeight:382 RetIndex:2674
CompName:Tetracosanoic acid, methyl ester $$ Methyl lignocerate $$ Methyl tetracosanoate $$ Lignoceric acid methyl ester $$



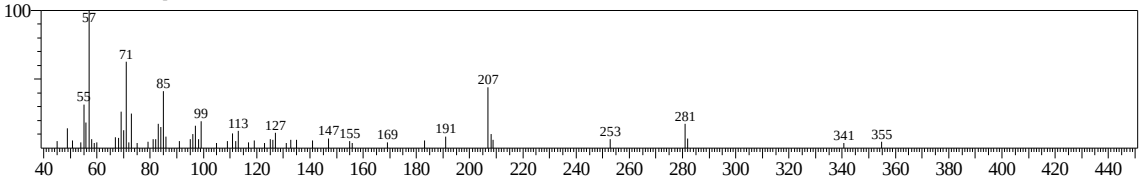
Hit#:4 Entry:117151 Library:NIST11.lib
SI:71 Formula:C19H38O2 CAS:2490-25-7 MolWeight:298 RetIndex:2013
CompName:Heptadecanoic acid, 10-methyl-, methyl ester $$ Methyl 10-methylheptadecanoate # $$



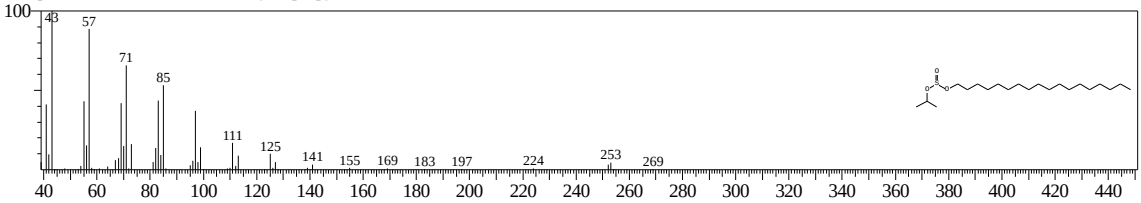
Hit#:5 Entry:115441 Library:NIST11.lib
SI:71 Formula:C19H36O2 CAS:24828-61-3 MolWeight:296 RetIndex:2120
CompName:Cyclopentanetridecanoic acid, methyl ester $$ Methyl dihydrochaulmoograte $$ Methyl 13-cyclopentyltridecanoate # $$



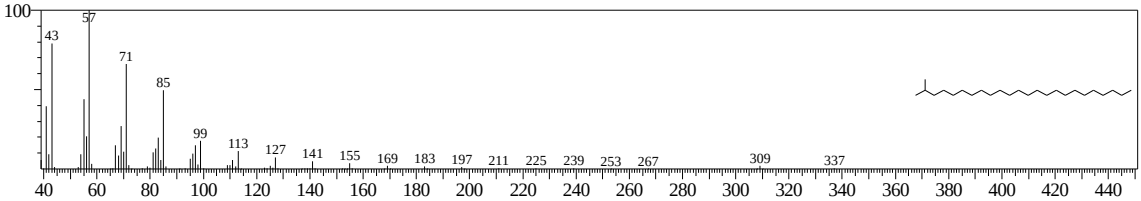
<< Target >>
Line#:28 R.Time:19.067(Scan#:1809) MassPeaks:60
RawMode:Single 19.067(1809) BasePeak:57.00(27788)
BG Mode:None Group 1 - Event 1



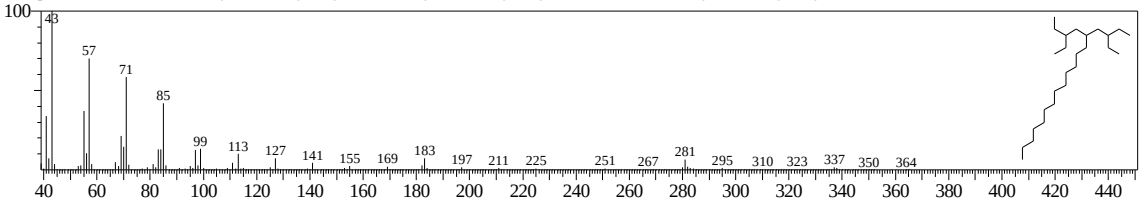
Hit#:1 Entry:171261 Library:NIST11.lib
SI:79 Formula:C21H44O3S CAS:0-00-0 MolWeight:376 RetIndex:2668
CompName:Sulfurous acid, octadecyl 2-propyl ester



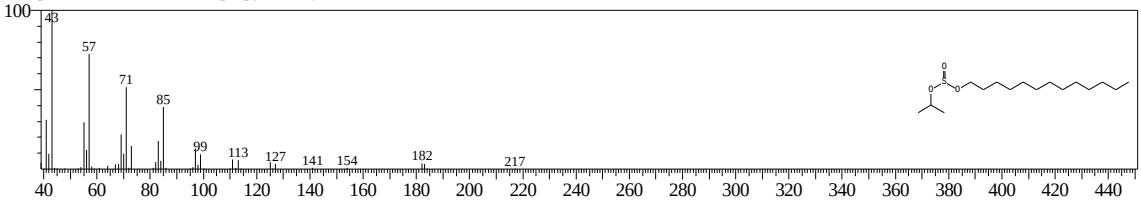
Hit#:2 Entry:157091 Library:NIST11.lib
SI:79 Formula:C25H52 CAS:0-00-0 MolWeight:352 RetIndex:2442
CompName:2-methyltetracosane



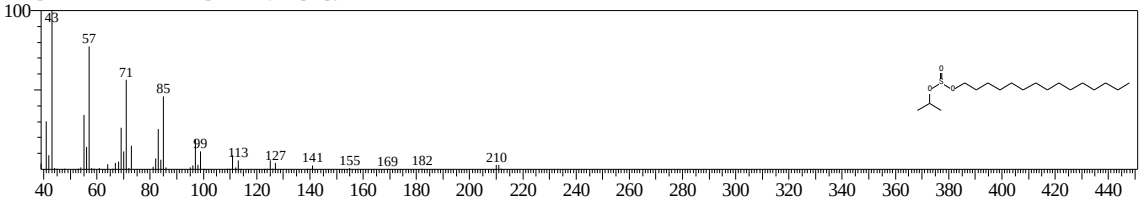
Hit#:3 Entry:165569 Library:NIST11.lib
SI:79 Formula:C26H54 CAS:55282-12-7 MolWeight:366 RetIndex:2413
CompName:Octadecane, 3-ethyl-5-(2-ethylbutyl)- $$ 3-Ethyl-5-(2'-ethylbutyl)octadecane $$ 3-Ethyl-5-(2-ethylbutyl)octadecane # $$



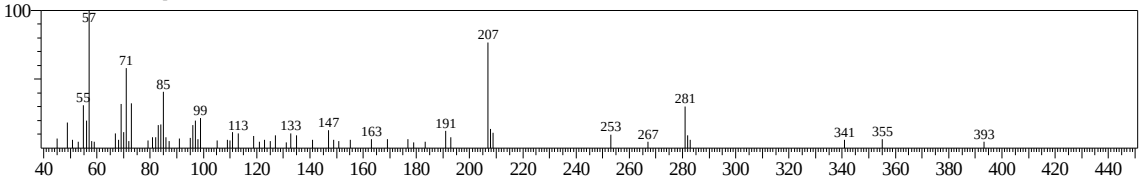
Hit#:4 Entry:123003 Library:NIST11.lib
SI:78 Formula:C16H34O3S CAS:0-00-0 MolWeight:306 RetIndex:2171
CompName:Sulfurous acid, 2-propyl tridecyl ester



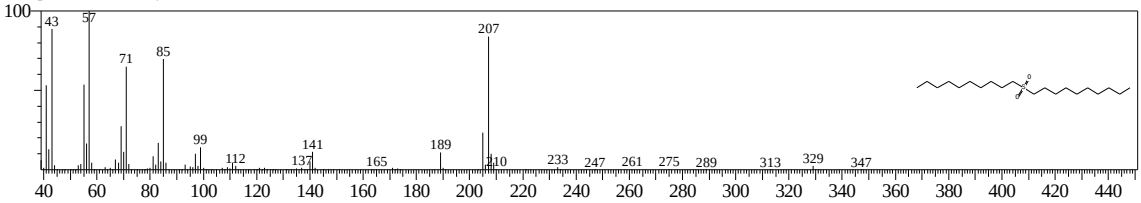
Hit#:5 Entry:144489 Library:NIST11.lib
SI:78 Formula:C18H38O3S CAS:0-00-0 MolWeight:334 RetIndex:2370
CompName:Sulfurous acid, pentadecyl 2-propyl ester



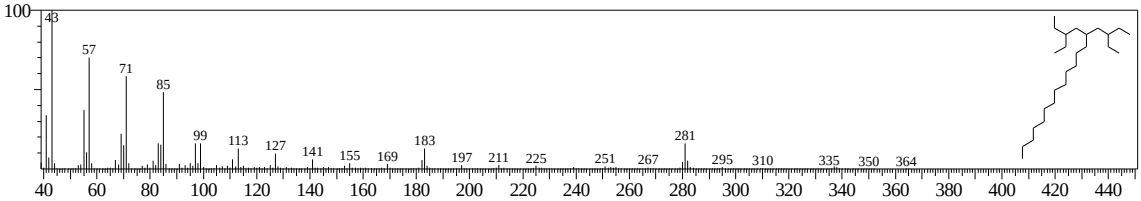
<< Target >>
Line#:29 R.Time:19.825(Scan#:1900) MassPeaks:66
RawMode:Single 19.825(1900) BasePeak:57.00(23386)
BG Mode:None Group 1 - Event 1



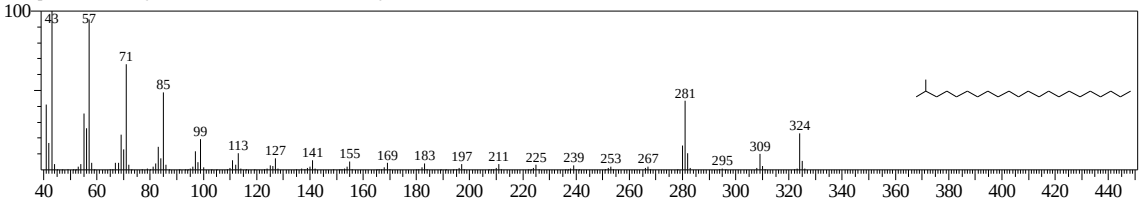
Hit#:1 Entry:153027 Library:NIST11.lib
SI:71 Formula:C20H42O2S CAS:111530-37-1 MolWeight:346 RetIndex:2516
CompName:Di-n-decylsulfone



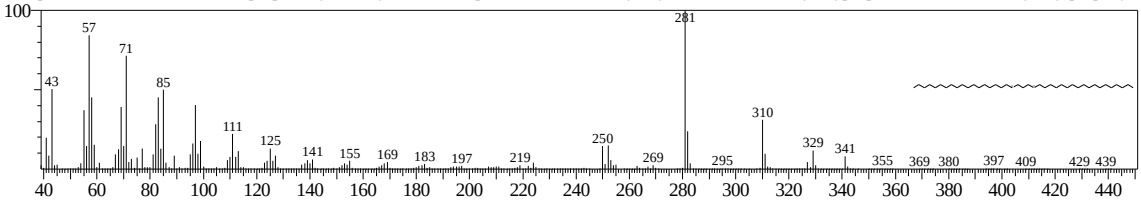
Hit#:2 Entry:28935 Library:NIST11s.lib
SI:70 Formula:C26H54 CAS:55282-12-7 MolWeight:366 RetIndex:2413
CompName:Octadecane, 3-ethyl-5-(2-ethylbutyl)- $$ 3-Ethyl-5-(2'-ethylbutyl)octadecane $$ 3-Ethyl-5-(2-ethylbutyl)octadecane # $$



Hit#:3 Entry:137182 Library:NIST11.lib
SI:68 Formula:C23H48 CAS:1560-81-2 MolWeight:324 RetIndex:2243
CompName:2-Methyldocosane $$ Docosane, 2-methyl $$



Hit#:4 Entry:209706 Library:NIST11.lib
SI:65 Formula:C39H80O2 CAS:17367-38-3 MolWeight:580 RetIndex:4050
CompName:Octadecane, 1,1'-[1,3-propanediylbis(oxy)]bis- $$ Propane, 1,3-bis(octadecyloxy)- $$ 1,3-Dioctadecyloxypropane $$ 1-[3-(Octadecyloxy)propoxy](



Hit#:5 Entry:173389 Library:NIST11.lib
SI:65 Formula:C27H56 CAS:55282-29-6 MolWeight:380 RetIndex:2621
CompName:Hexadecane, 8-hexyl-8-pentyl- $$ 8-Hexyl-8-pentylhexadecane # $$