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Evaluation of antimicrobial, cytotoxicity effects and antioxidant potential of *Stemodia verticillata* (Mill.) Hassl extract

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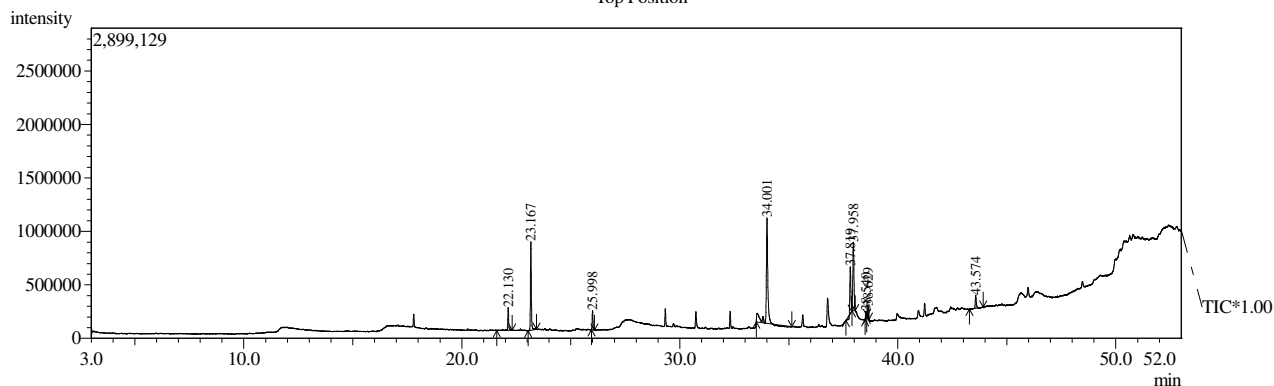
SUPPLEMENTARY MATERIAL

Common Facility Center USIC

Sample Information

Analyzed by ANIL MOHITE:
Analyzed : 27-05-2022 15:06:08
Sample Type : Unknown
Level # : 1
Sample Name :
Sample ID : Sample B
IS Amount : [1]=1
Sample Amount : 1
Dilution Factor : 1
Vial # : 1
Injection Volume : 1.00
Data File : E:\CHEMISTRY\Dr Anbhule P \VBHOSALE SNEHA\Sample B.qgd
Org Data File : E:\CHEMISTRY\Dr Anbhule P \VBHOSALE SNEHA\Sample B.qgd
Method File : E:\ngale 1.qgm
Org Method File : E:\ngale 1.qgm
Report File :
Tuning File : E:\tuning files\01042022_F2.qgt
Modified by : Admin
Modified : 27-05-2022 16:32:30

Chromatogram Sample B E:\CHEMISTRY\Dr Anbhule P \VBHOSALE SNEHA\Sample B.qgd
Top Position



Peak Report TIC

Peak#	R.Time	I.Time	F.Time	Area	Area%	Name
1	22.130	21.605	22.315	642368	4.93	
2	23.167	23.045	23.430	2427860	18.64	Butylated Hydroxytoluene
3	25.998	25.945	26.085	461893	3.55	
4	34.001	33.505	35.140	4982695	38.26	Hexadecanoic acid, ethyl ester
5	37.819	37.625	37.890	1314749	10.10	Linoleic acid ethyl ester
6	37.958	37.900	38.050	2347589	18.03	Ethyl 9,12,15-octadecatrienoate
7	38.540	38.495	38.595	141984	1.09	Octadecanoic acid, ethyl ester
8	38.629	38.575	38.680	299130	2.30	
9	43.574	43.290	43.910	403405	3.10	
				13021673	100.00	

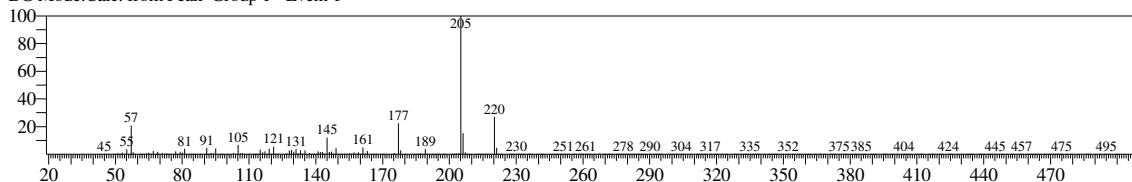
Library

<< Target >>

Line#:1 R.Time:23.165(Scan#:4034) MassPeaks:343

RawMode:Averaged 23.160-23.170(4033-4035) BasePeak:205.15(241566)

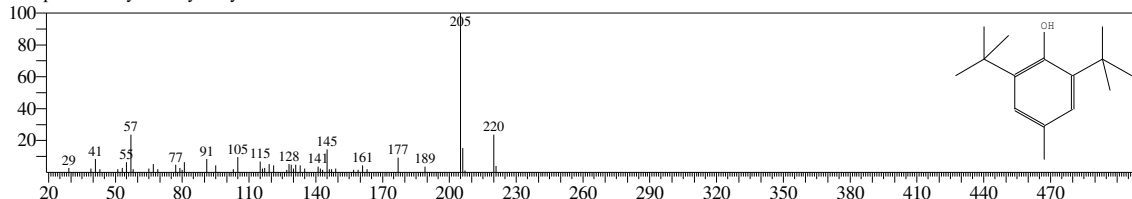
BG Mode:Calc. from Peak Group 1 - Event 1



Hit#:1 Entry:83854 Library:NIST14.lib

SI:93 Formula:C15H24O CAS:128-37-0 MolWeight:220 RetIndex:1668

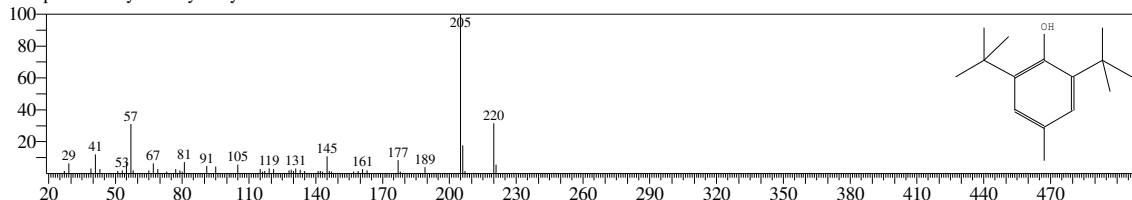
CompName:Butylated Hydroxytoluene



Hit#:2 Entry:83856 Library:NIST14.lib

SI:93 Formula:C15H24O CAS:128-37-0 MolWeight:220 RetIndex:1668

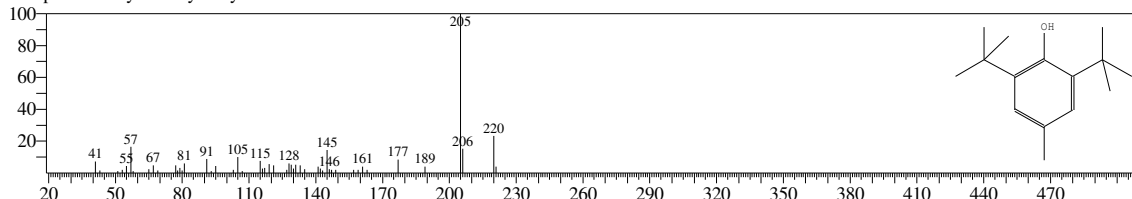
CompName:Butylated Hydroxytoluene



Hit#:3 Entry:83857 Library:NIST14.lib

SI:93 Formula:C15H24O CAS:128-37-0 MolWeight:220 RetIndex:1668

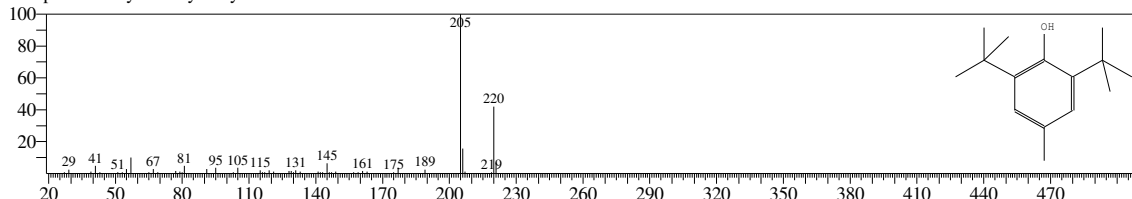
CompName:Butylated Hydroxytoluene



Hit#:4 Entry:83858 Library:NIST14.lib

SI:90 Formula:C15H24O CAS:128-37-0 MolWeight:220 RetIndex:1668

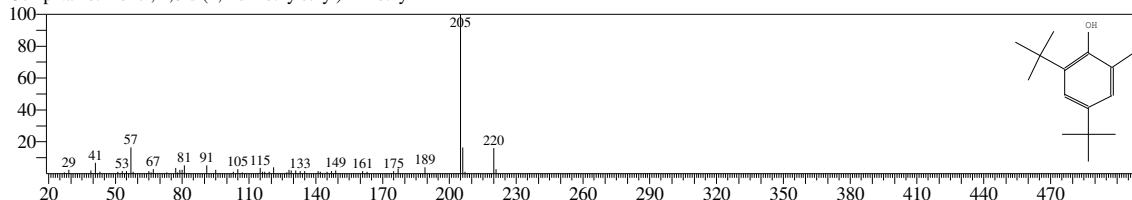
CompName:Butylated Hydroxytoluene



Hit#:5 Entry:83948 Library:NIST14.lib

SI:89 Formula:C15H24O CAS:616-55-7 MolWeight:220 RetIndex:1668

CompName:Phenol, 4,6-di(1,1-dimethylethyl)-2-methyl-

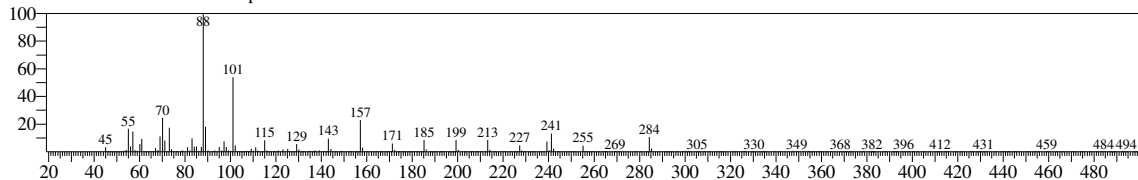


<< Target >>

Line#2 R.Time:34.000(Scan#:6201) MassPeaks:317

RawMode:Averaged 33.995-34.005(6200-6202) BasePeak:88.05(189236)

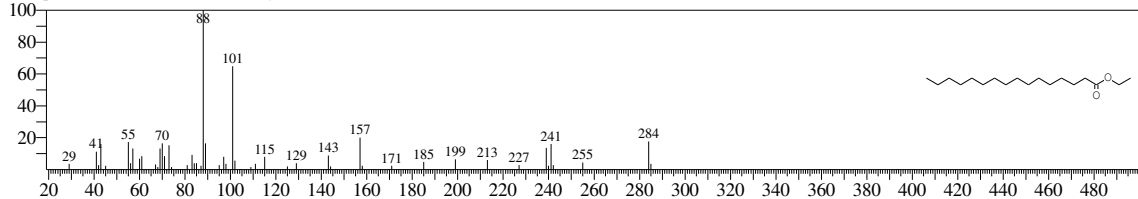
BG Mode:Calc. from Peak Group 1 - Event 1



Hit#:1 Entry:144409 Library:NIST14.lib

SI:95 Formula:C18H36O2 CAS:628-97-7 MolWeight:284 RetIndex:1978

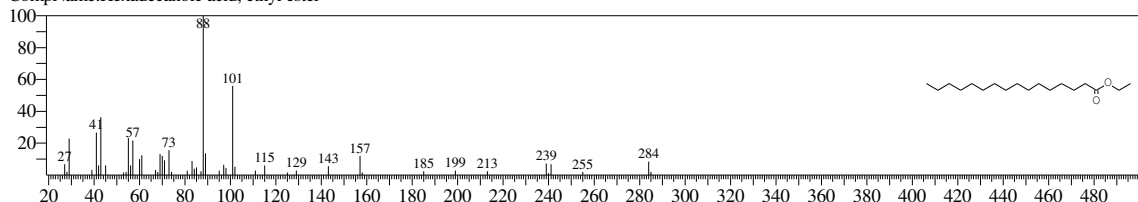
CompName:Hexadecanoic acid, ethyl ester



Hit#:2 Entry:144405 Library:NIST14.lib

SI:90 Formula:C18H36O2 CAS:628-97-7 MolWeight:284 RetIndex:1978

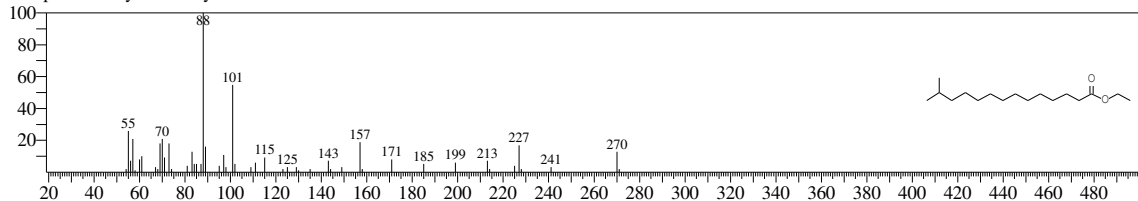
CompName:Hexadecanoic acid, ethyl ester



Hit#:3 Entry:130883 Library:NIST14.lib

SI:88 Formula:C17H34O2 CAS:0-00-0 MolWeight:270 RetIndex:1814

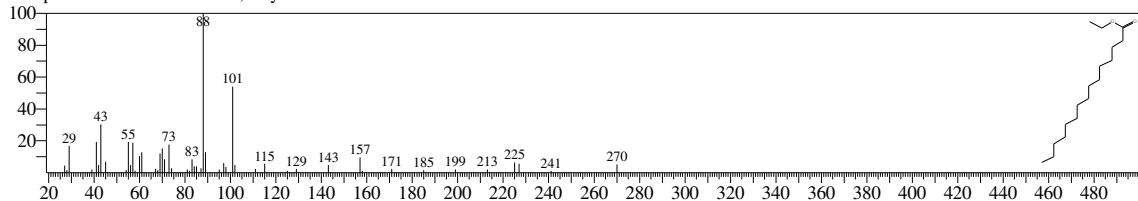
CompName:Ethyl 13-methyl-tetradecanoate



Hit#:4 Entry:130934 Library:NIST14.lib

SI:87 Formula:C17H34O2 CAS:41114-00-5 MolWeight:270 RetIndex:1878

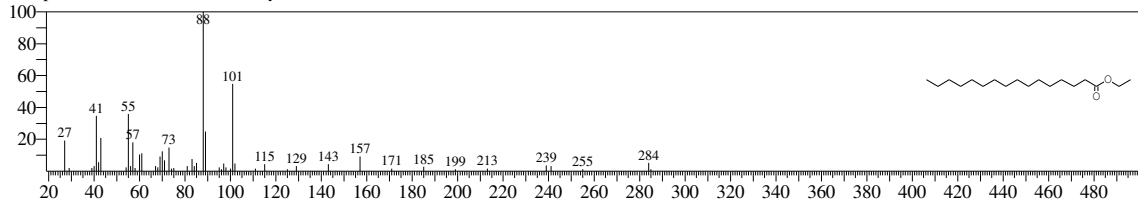
CompName:Pentadecanoic acid, ethyl ester



Hit#:5 Entry:144408 Library:NIST14.lib

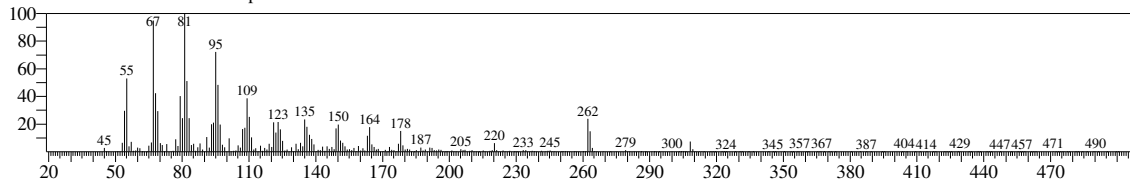
SI:87 Formula:C18H36O2 CAS:628-97-7 MolWeight:284 RetIndex:1978

CompName:Hexadecanoic acid, ethyl ester

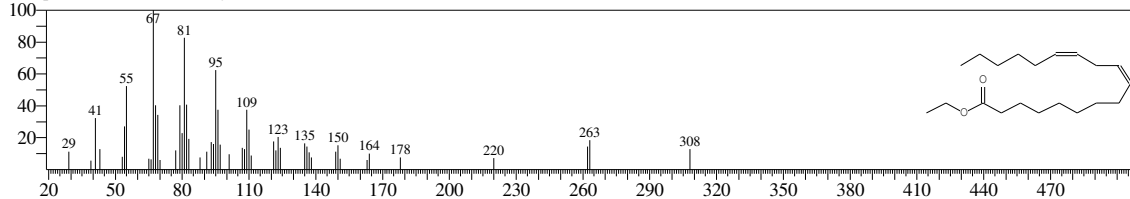


<< Target >>

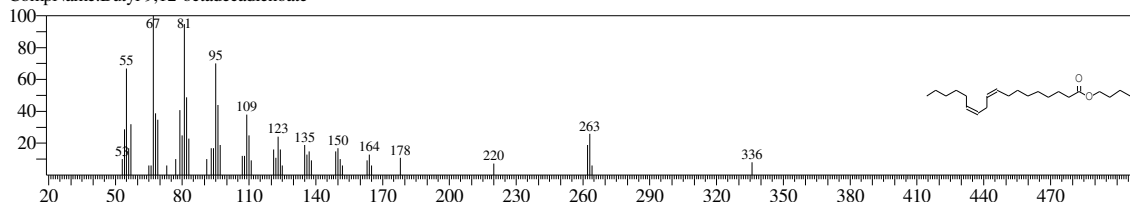
Line# 3 R.Time:37.820(Scan#:6965) MassPeaks:315
RawMode:Averaged 37.815-37.825(6964-6966) BasePeak:81.10(31286)
BG Mode:Calc. from Peak Group 1 - Event 1



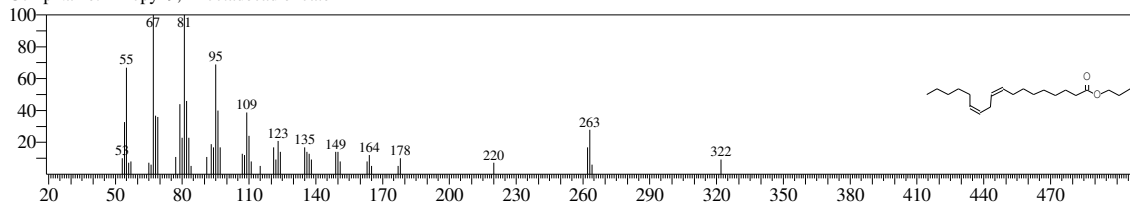
Hit#:1 Entry:167424 Library:NIST14.lib
SI:94 Formula:C20H36O2 CAS:544-35-4 MolWeight:308 RetIndex:2193
CompName:Linoleic acid ethyl ester



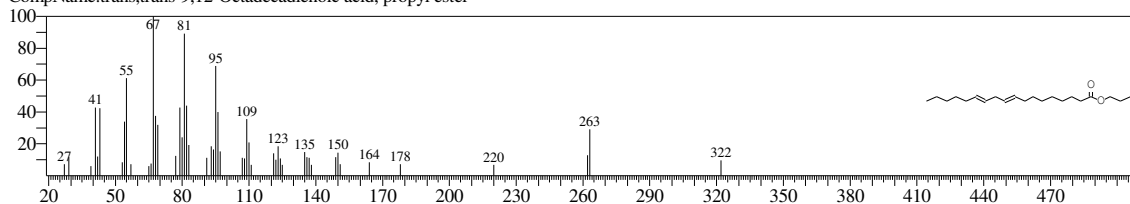
Hit#:2 Entry:193981 Library:NIST14.lib
SI:93 Formula:C22H40O2 CAS:0-00-0 MolWeight:336 RetIndex:2391
CompName:Butyl 9,12-octadecadienoate



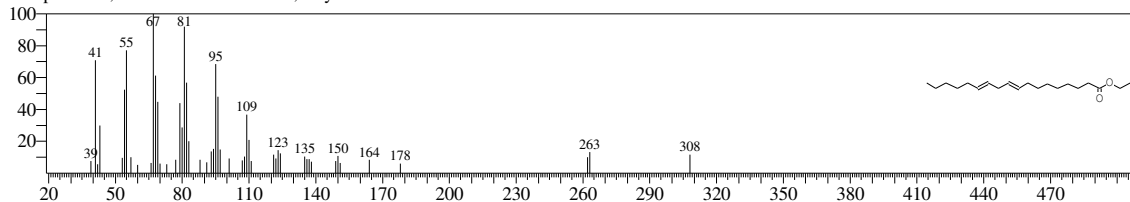
Hit#:3 Entry:180789 Library:NIST14.lib
SI:92 Formula:C21H38O2 CAS:0-00-0 MolWeight:322 RetIndex:2292
CompName:n-Propyl 9,12-octadecadienoate



Hit#:4 Entry:180790 Library:NIST14.lib
SI:92 Formula:C21H38O2 CAS:0-00-0 MolWeight:322 RetIndex:0
CompName:trans,trans-9,12-Octadecadienoic acid, propyl ester

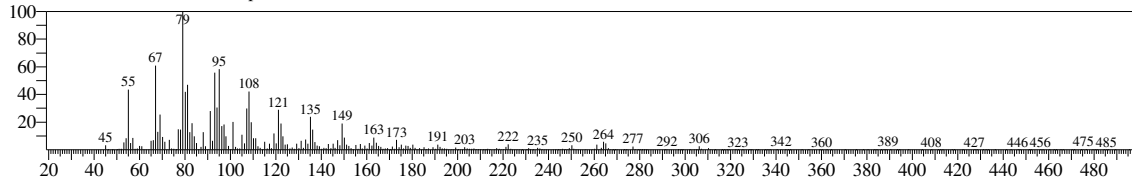


Hit#:5 Entry:167421 Library:NIST14.lib
SI:91 Formula:C20H36O2 CAS:7619-08-1 MolWeight:308 RetIndex:2193
CompName:9,12-Octadecadienoic acid, ethyl ester

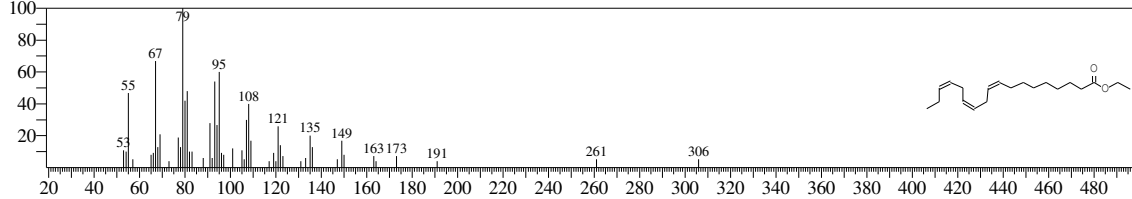


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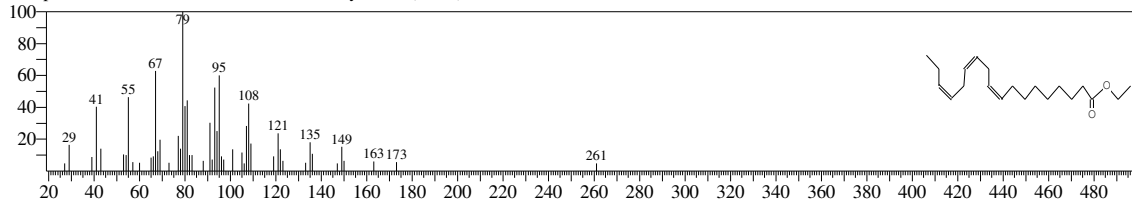
Line#:4 R.Time:37.960(Scan#:6993) MassPeaks:317
RawMode:Averaged 37.955-37.965(6992-6994) BasePeak:79.05(50370)
BG Mode:Calc. from Peak Group 1 - Event 1



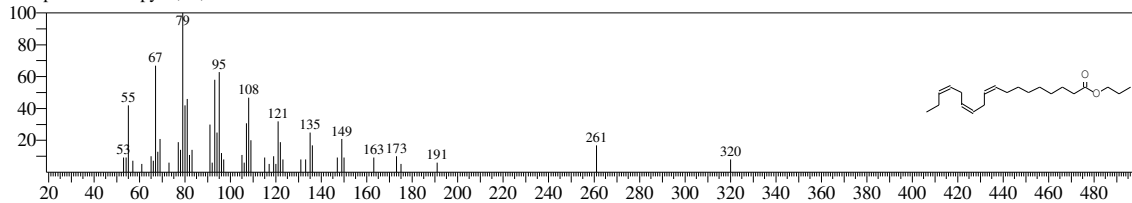
Hit#:1 Entry:165704 Library:NIST14.lib
SI:92 Formula:C20H34O2 CAS:0-00-0 MolWeight:306 RetIndex:2201
CompName:Ethyl 9,12,15-octadecatrienoate



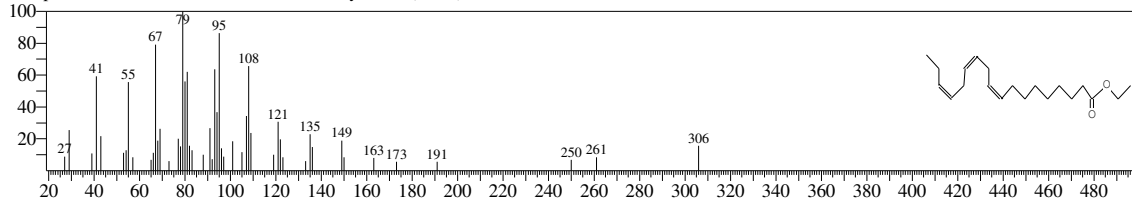
Hit#:2 Entry:165707 Library:NIST14.lib
SI:92 Formula:C20H34O2 CAS:1191-41-9 MolWeight:306 RetIndex:2201
CompName:9,12,15-Octadecatrienoic acid, ethyl ester, (Z,Z,Z)-



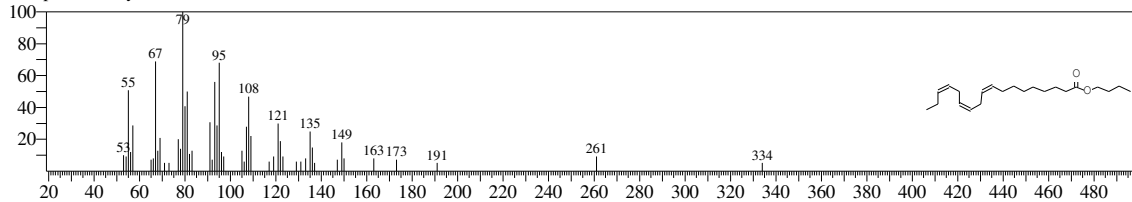
Hit#:3 Entry:179163 Library:NIST14.lib
SI:90 Formula:C21H36O2 CAS:0-00-0 MolWeight:320 RetIndex:2300
CompName:n-Propyl 9,12,15-octadecatrienoate



Hit#:4 Entry:165705 Library:NIST14.lib
SI:90 Formula:C20H34O2 CAS:1191-41-9 MolWeight:306 RetIndex:2201
CompName:9,12,15-Octadecatrienoic acid, ethyl ester, (Z,Z,Z)-

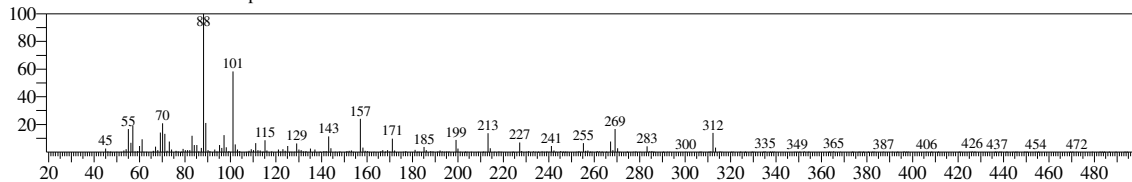


Hit#:5 Entry:192421 Library:NIST14.lib
SI:90 Formula:C22H38O2 CAS:0-00-0 MolWeight:334 RetIndex:2399
CompName:Butyl 9,12,15-octadecatrienoate

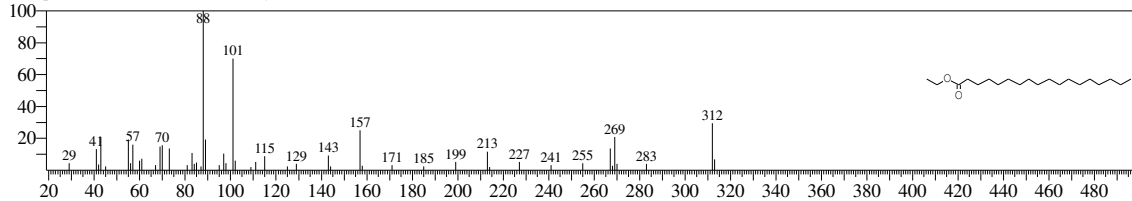


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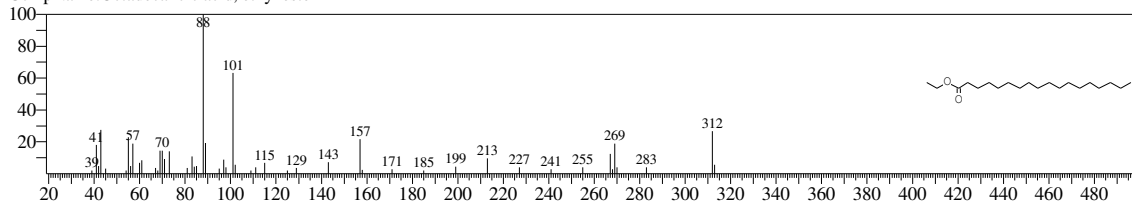
Line#5 R.Time:38.540(Scan#:7109) MassPeaks:254
RawMode:Averaged 38.535-38.545(7108-7110) BasePeak:88.05(12015)
BG Mode:Calc. from Peak Group 1 - Event 1



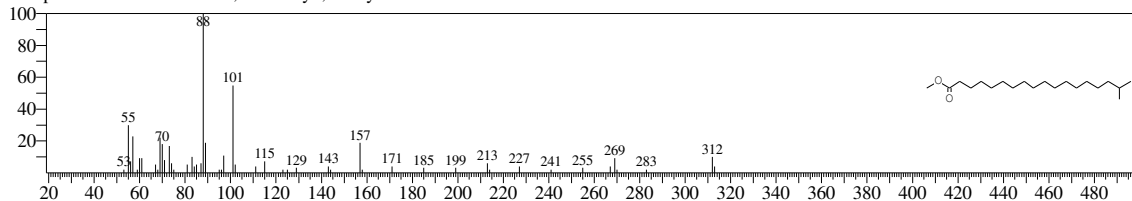
Hit#:1 Entry:171458 Library:NIST14.lib
SI:92 Formula:C20H40O2 CAS:111-61-5 MolWeight:312 RetIndex:2177
CompName:Octadecanoic acid, ethyl ester



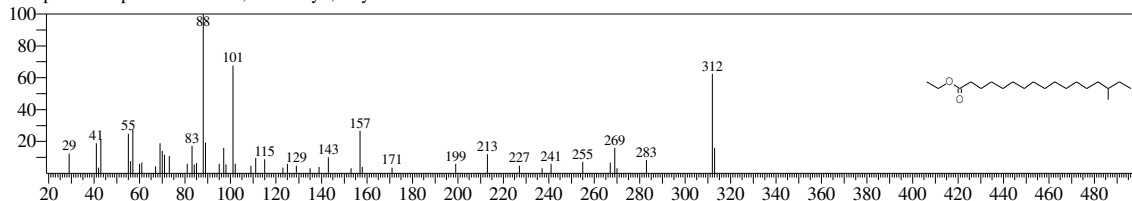
Hit#:2 Entry:171456 Library:NIST14.lib
SI:92 Formula:C20H40O2 CAS:111-61-5 MolWeight:312 RetIndex:2177
CompName:Octadecanoic acid, ethyl ester



Hit#:3 Entry:171451 Library:NIST14.lib
SI:90 Formula:C20H40O2 CAS:55124-97-5 MolWeight:312 RetIndex:2112
CompName:Octadecanoic acid, 17-methyl-, methyl ester



Hit#:4 Entry:171505 Library:NIST14.lib
SI:90 Formula:C20H40O2 CAS:57274-46-1 MolWeight:312 RetIndex:2112
CompName:Heptadecanoic acid, 15-methyl-, ethyl ester



Hit#:5 Entry:171454 Library:NIST14.lib
SI:88 Formula:C20H40O2 CAS:111-61-5 MolWeight:312 RetIndex:2177
CompName:Octadecanoic acid, ethyl ester

