



**KARAKTERISASI MINYAK ATSIRI DAUN SALAM (*Syzygium  
polyanthum*) ASAL PESISIR PULAU LAUT UTARA  
KOTABARU KALIMANTAN SELATAN**

**SKRIPSI**

**Untuk Memenuhi Persyaratan Dalam Rangka Menyelesaikan  
Program Studi Sarjana Farmasi**

**Oleh**

**Azzam Jah  
NIM SF20011**

**PROGAM STUDI SARJANA FARMASI  
FAKULTAS FARMASI  
UNIVERSITAS BORNEO LESTARI  
BANJARBARU**

**JUNI 2024**

HALAMAN PENGESAHAN SKRIPSI

KARAKTERISASI MINYAK ATSIRI DAUN SALAM (*Syzygium polyanthum*) ASAL PESISIR PULAU LAUT UTARA KOTABARU KALIMANTAN SELATAN

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Telah dipertahankan di depan Penguji pada Tanggal 15 Juni 2024

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NIK. 011223168

## **PERNYATAAN**

Dengan ini saya penulis menyatakan bahwa dalam skripsi yang saya buat tidak terdapat karya yang pernah diajukan untuk meperoleh gelar kesarjanaan disuatu perguruan tinggi, dan sepanjang sepengetahuan saya tidak terdapat karya atau pendapat yang pernah ditulis oleh orang lain, kecuali yang secara tertulis diacu dalam naskah ini dan disebutkan dalam daftar pustaka.

Banjarbaru, Juni 2024

Azzam Jah  
SF20011

## PRAKATA

Puji syukur penulis panjatkan atas kehadiran Allah SWT yang telah memberikan nikmat, rahmat dan hidayah-Nya sehingga penulis dapat menyelesaikan skripsi ini dengan judul “Karakterisasi Minyak Atsiri Daun Salam (*Syzygium polyanthum*) Asal Pesisir Pulau Laut Utara Kota Baru Kalimantan Selatan”. Skripsi ini disusun sebagai salah satu syarat untuk memperoleh gelar S-1 Farmasi di Universitas Borneo Lestari Banjarbaru.

Pada kesempatan ini penulis ingin mengucapkan terima kasih yang tak terhingga kepada pihak yang terlibat dan telah banyak membantu dalam penyelesaian skripsi ini dengan baik khususnya kepada :

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2. Ibu apt. Esty Restiana Rusida, M. Kes. Selaku Dekan Fakultas Farmasi Universitas Borneo Lestari
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8. Terimakasih sebanyak banyaknya kepada Deli Rose, karena selalu mengingatkan penulis untuk selalu mengerjakan skripsi ini, mengingatkan untuk selalu sabar, dan selalu menyertai penulis dalam pengerjaan skripsi ini.

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Dalam Penulisan skripsi ini penulis memhohon maaf karena masih banyak terdapat kekurangan dan kesalahan. Oleh karena itu penulis mengharapkan kritik dan saran yang membangun. Semoga kripsi ini bermanfaat bagi pembaca dan dapat digunakan sebagai referensi dalam meningkatkan ilmu pengetahuan khususnya dibidang kefarmasian.

Banjarbaru, Juni 2024

Azzam Jah  
NIM SF20011

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# LAMPIRAN




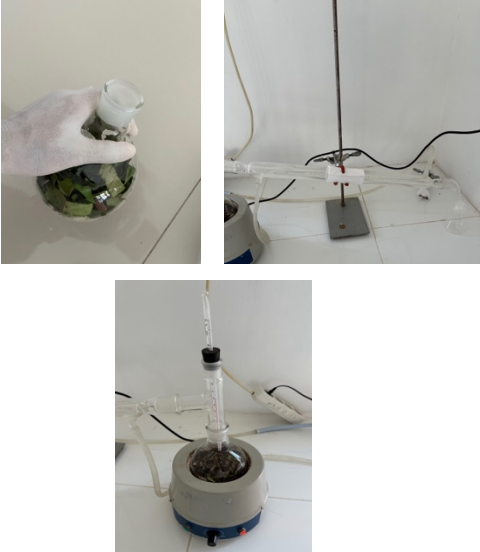

## Lampiran 1. Surat Keterangan Hasil Determinasi Tanaman Salam (*Syzygium polyanthum*)

	<b>KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI</b>		
	<b>UNIVERSITAS LAMBUNG MANGKURAT</b>		
	<b>LABORATORIUM FMIPA</b>		
	<small>Alamat: Jl. Jend. A. Yani Km. 35.8 Banjarbaru, Telp/Fax (0511) 4772826, website www.labdasar-unlam.org</small>		
<b>SERTIFIKAT HASIL UJI</b>			
<b>Nomor: 016/LB.LABDASAR/I/2024</b>			
Nomor Referensi	: I-24-018	Tanggal Masuk	: 17 Januari 2024
Nama	: Azzam Jah	Tanggal Selesai	: 22 Januari 2024
Institusi	: Universitas Borneo Lestari	Hasil Analisis	: Determinasi
No. Invoice	: 018/TS-01/2024	Jenis Tumbuhan	: Salam
<b>HABITUS</b>			
Pohon; tinggi mencapai 25 m.			
<b>DAUN</b>			
Daun tunggal; duduk daun berhadapan; panjang tangkai 5-12 mm; venasi 6-10 buah; bentuk lonjong, elips, bulat telur; pangkal daun lancip, ujung daun tumpul; panjang daun 50-150 mm, lebar 35-65 mm; aroma harum.			
<b>BATANG</b>			
Bentuk batang bulat; permukaan beralur; bersifat kuat dan keras.			
<b>AKAR</b>			
Perakaran tunggang; coklat keputihan.			
<b>BUAH</b>			
Buah buni; bentuk bulat; diameter 8-9 mm; buah muda berwarna hijau, setelah masak menjadi merah gelap; rasanya agak sepat; biji bulat, diameter kurang lebih 1 cm; warna coklat.			
<b>BUNGA</b>			
Karangan bunga berupa malai dengan banyak kuntum bunga, 2-8 cm; muncul di bawah daun atau kadang-kadang pada ketiak; bunga kecil-kecil, duduk, berbau harum, berbilangan-4; kelopak seperti mangkuk, panjangnya sekitar 4 mm; mahkota lepas-lepas, putih, 2,5-3,5 mm; benang sari banyak, lk. 3 mm, terkumpul dalam 4 kelompok, lekas rontok; piringan tengah agak persegi, jingga kekuningan.			
<b>NAMA LOKAL</b>			
Salam (Sunda, Jawa, Madura) Gowok (Sunda) Manting (Jawa) Kastolam (Kangean, Sumenep) Meselengan (Sumatera).			
			

**Lampiran 2. Pembuatan Sampel Tanaman Salam (*Syzygium polyanthum*)**

No	Gambar	Keterangan
1		Pengumpulan bahan serta sortasi basah daun salam ( <i>Syzygium polyanthum</i> )
2		Pencucian daun salam ( <i>Syzygium polyanthum</i> )
3		Penyimpanan daun salam ( <i>Syzygium polyanthum</i> )
4		Perajangan daun salam ( <i>Syzygium polyanthum</i> )

**Lampiran 3. Proses Penyulingan Minyak Atsiri Daun Salam (*Syzygium polyanthum*)**

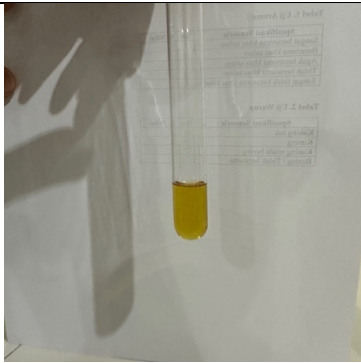
No	Gambar	Keterangan
1		Penimbangan rajangan daun salam ( <i>Syzygium polyanthum</i> ) seberat 50 gram
2		Proses destilasi air daun salam ( <i>Syzygium polyanthum</i> ) menggunakan pelarut aquadest dengan perbandingan 1:4
3		Fase air dan fase minyak atsiri daun salam ( <i>Syzygium polyanthum</i> )

4



Proses pemisahan fase air dan fase minyak atsiri daun salam (*Syzygium polyanthum*)

5



Minyak atsiri daun salam (*Syzygium polyanthum*)

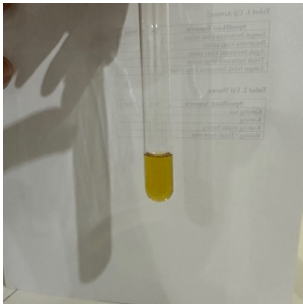
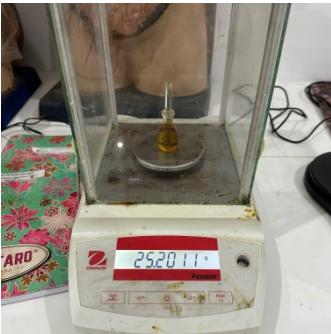

**Lampiran 4.** Perhitungan % Rendemen Minyak Atsiri Daun Salam (*Syzygium polyanthum*)

$$\% \text{ Rendemen minyak atsiri} = \frac{\text{volume minyak atsiri (mL)}}{\text{bobot sampel (gr)}} \times 100\%$$

$$\% \text{ Rendemen minyak atsiri} = \frac{25 \text{ mL}}{6000 \text{ gram}} \times 100\%$$

$$\% \text{ Rendemen minyak atsiri} = 0,041 \%$$

**Lampiran 5. Karakterisasi Minyak Atsiri Daun Salam (*Syzygium polyanthum*)**

No	Karakterisasi	Gambar	Hasil	Keterangan
1	Kecerahan atau warna minyak atsiri			Minyak atsiri berwarna kuning muda
2	Berat jenis			Hasil berat jenis tidak terlalu berbeda dengan penelitian terdahulu
3	Indeks bias		Nilai indeks bias sampel daun salam => 1.070	Nilai indeks bias yang dihasilkan menggunakan alat uji hanya dapat dilihat sampai 1.070 karena batas maksimal pada alat uji yang tersedia

---

4 Kelarutan dalam  
etanol



Berwarna bening dengan perbandingan 1:2

Larut dalam etanol 96 % dengan perbandingan 1:2

---

**Lampiran 6.** Perhitungan Berat Jenis Minyak Atsiri Daun Salam (*Syzygium polanthum*)

$$\text{Berat Jenis} = \frac{\text{berat piknometer dan minyak} - \text{berat piknometer kosong}}{\text{berat piknometer dan aquadest} - \text{berat piknometer kosong}}$$

$$\text{Berat jenis} = \frac{25,2011 - 15,7846}{26,0620 - 15,7846}$$

$$\text{Berat jenis} = \frac{9,4165}{10,2774}$$

$$\text{Berat jenis} = 0,9162 \text{ g/mL}$$



# Lampiran 7. Surat Keterangan Hasil GC-MS Minyak Atsiri Daun Salam (*Syzygium polyanthum*)


 **BADAN STANDARDISASI DAN KEBIJAKAN JASA INDUSTRI**  
**BALAI STANDARDISASI DAN PELAYANAN JASA INDUSTRI**  
**BANJARBARU**  
**LABORATORIUM PENGUJI**  
Jl. Panglima Batur Barat No. 2 Banjarbaru - Kalimantan Selatan (70711)  
Telp. (0511) 4772461, 4774861, WA. +62 811 5164 008  
E-mail : bspji.banjarbaru@gmail.com

---

**LAPORAN HASIL UJI**  
**(REPORT OF ANALYSIS)**

**Lembar : A S L I**  
Halaman : 1 dari 2

1. No Seri Serial Number	: R 2152/BSPJI-Banjarbaru/MS.08/V/2024
2. Nama Pelanggan Company Name	: AZZAM JAH
3. Alamat Address	: Jl. Kelapa Sawit 8 Bumi Berkat, Kec. Banjarbaru Selatan, Kota Banjarbaru, Kalimantan Selatan
4. Kode Contoh Sample Code	: P.2041-AK
5. Jenis Contoh Sample Type	: Minyak Atsiri
6. Jumlah Contoh Sample Amount	: 1
7. Parameter Uji Test Parameter	: Senyawa Organik
8. Pengirim Contoh Sample Sender	: Fakultas Farmasi Universitas Borneo Lestari
9. Keterangan Contoh Sample Description	: Minyak Atsiri Daun Salam ( <i>Syzygium Polyanthum</i> )
10. Tgl. Penerimaan Contoh Date of Sample Receipt	: 06 Mei 2024
11. Kemasan Contoh Sample Packaging	: Dalam botol vial tertutup
12. Pengambil Contoh Sample Taker	: Azzam Jah
13. Metode Sampling Sampling Method	: -
14. Hasil Pengujian Test Result	: terlampir

 Ketua Tim Pengujian dan Kalibrasi  
  
Chatimatun Nisa, S.Si  
NIP. 198210072006042020

Laporan Hasil Uji ini tidak boleh digandakan sebagian, atau seluruhnya, tanpa persetujuan pihak laboratorium dan hanya berlaku untuk contoh tersebut di atas

**Industrialisasi menuju kehidupan yang lebih baik** **FM 8.6.1 - LHU**





**BADAN STANDARDISASI DAN KEBIJAKAN JASA INDUSTRI  
BALAI STANDARDISASI DAN PELAYANAN JASA INDUSTRI  
BANJARBARU**

**LABORATORIUM PENGUJI**  
Jl. Panglima Batur Barat No. 2 Banjarbaru - Kalimantan Selatan (70711)  
Telp. (0511) 4772461, 4774861, WA. +62 811 5164 008  
E-mail : bspji.banjarbaru@gmail.com

**HASIL PENGUJIAN**

Nomor Seri : R 2152/BSPII-Banjarbaru/MS.08/VI/2024  
Kode Contoh : P.2041-AK  
Tgl. Pengujian : 07 Mei 2024 - 13 Mei 2024  
Tgl. Diterbitkan : 13 Mei 2024

**Lembar: ASLI**  
Halaman : 2 dari 2

No	Parameter Uji	Satuan	Hasil Uji	Metode Uji
1	Senyawa Organik	%	- cis-4-Decenal : 5,183 %	GC-MS
			- .alpha.-Gurjunene : 10,620 %	
			- BETA. ELEMENE : 4,158 %	
			- trans-Caryophyllene : 8,160 %	
			- .alpha.-Guaiene : 9,331 %	
			- Alloaromadendrene : 14,845 %	
			- .alpha.-Guaiene : 5,269 %	
			- .beta.-Guaiene : 1,423 %	
			- Dodecanoic acid (CAS) Lauric acid : 2,103 %	
			- GAMMA-GURJUNENEPOXID : 1,846 %	
			- POGOSTOL : 5,621 %	
			- 2H-PYRAN-2-ONE, 3-ACETYL-4-HYDRO : 9,219 %	
			- Dodecanoic acid, 1,2,3-propanetriyl ester : 1,176 %	
			- Dodecanoic acid, 1,2,3-propanetriyl ester : 4,137 %	
			- Dodecanoic acid, 1,2,3-propanetriyl ester : 1,439 %	
			- Dodecanoic acid, 1,2,3-propanetriyl ester : 1,030 %	
			- Dodecanoic acid, 1,2,3-propanetriyl ester : 1,224 %	
- Dodecanoic acid, 1,2,3-propanetriyl ester : 1,434 %				
- Dodecanoic acid, 1,2,3-propanetriyl ester : 3,202 %				
- Dodecanoic acid, 1,2,3-propanetriyl ester : 1,660 %				
- Dodecanoic acid, 1,2,3-propanetriyl ester : 2,714 %				
- Dodecanoic acid, 1,2,3-propanetriyl ester : 2,929 %				
- DODECANOIC ACID : 1,276 %				

**Keterangan :**

**Pengaduan mengenai Hasil Uji Maksimal 1 (satu) Bulan Sejak Tanggal Terbit Laporan Hasil Uji dan oleh Peminta Jasa sesuai surat permintaan.**

**\*Parameter akreditasi**

Laporan Hasil Uji ini tidak boleh digandakan sebagian, atau seluruhnya, tanpa persetujuan pihak laboratorium dan hanya berlaku untuk contoh tersebut di atas

**Industrialisasi menuju kehidupan yang lebih baik**

**FM 8.6.1 - LHU**

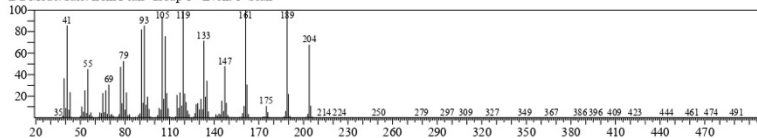


ID#	Name	R Time	m/z	Area	Height	Conc.	Conc. Ur
26	DODECANOIC ACID, 1-(HYDROXYMET	23.751	183.00	6108980	1644783		1.276 %
27	Dodecanoic acid, 1,2,3-propanetriyl ester (C.	-	183.00	---	---	N.D (WB) %	
28	Dodecanoic acid, 1,2,3-propanetriyl ester (C.	-	127.00	---	---	N.D (Ref) %	

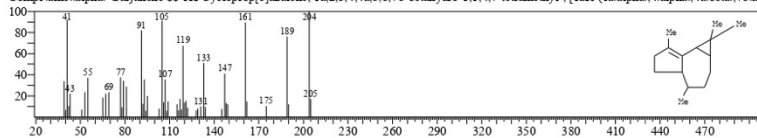
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<< Target >>

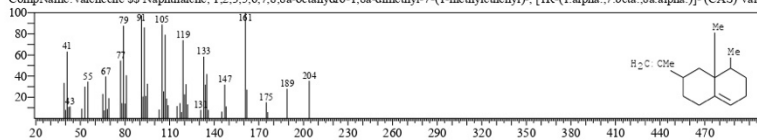
Line# 2 R Time: 16.310(Scan# 3063) MassPeaks: 298  
RawMode: Averaged 16.305-16.315(3062-3064) BasePeak: 189.05(7967023)  
BG Mode: Calc. from Peak Group 1 - Event 1 Scan



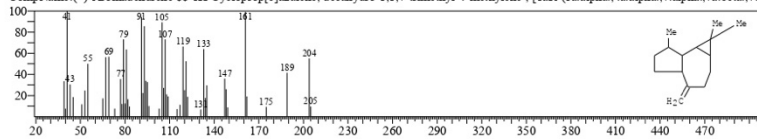
Hit#1 Entry: 100999 Library: WILEY7 LIB  
SI: 90 Formula: C15 H24 CAS: 4630-40-7 MolWeight: 204 RetIndex: 0  
CompName: alpha-Gurjunene SS 1H-Cycloprop[e]azulene, 1a,2,3,4,4a,5,6,7b-octahydro-1,1,4,7-tetramethyl-, [1aR-(1a.alpha.,4.alpha.,4a.beta.,7b.alpha.)]



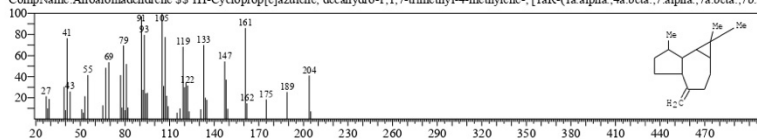
Hit#2 Entry: 100933 Library: WILEY7 LIB  
SI: 88 Formula: C15 H24 CAS: 4630-07-3 MolWeight: 204 RetIndex: 0  
CompName: Valencene SS Naphthalene, 1,2,3,5,6,7,8,8a-octahydro-1,8a-dimethyl-7-(1-methylethenyl)-, [1R-(1.alpha.,7.beta.,8a.alpha.)]- (CAS) Valer



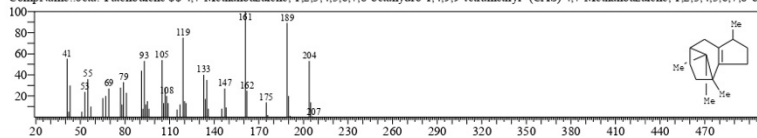
Hit#3 Entry: 101007 Library: WILEY7 LIB  
SI: 88 Formula: C15 H24 CAS: 4630-39-4 MolWeight: 204 RetIndex: 0  
CompName: (+)-Aromadendrene SS 1H-Cycloprop[e]azulene, decahydro-1,1,7-trimethyl-4-methylene-, [1aR-(1a.alpha.,4a.alpha.,7.alpha.,7a.beta.,7b.alpha.)]



Hit#4 Entry: 101014 Library: WILEY7 LIB  
SI: 87 Formula: C15 H24 CAS: 25246-27-9 MolWeight: 204 RetIndex: 0  
CompName: Alloaromadendrene SS 1H-Cycloprop[e]azulene, decahydro-1,1,7-trimethyl-4-methylene-, [1aR-(1a.alpha.,4a.alpha.,7.alpha.,7a.beta.,7b.alpha.)]



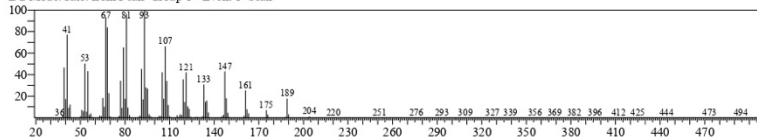
Hit#5 Entry: 100866 Library: WILEY7 LIB  
SI: 87 Formula: C15 H24 CAS: 514-51-2 MolWeight: 204 RetIndex: 0  
CompName: beta-Patchoulene SS 4,7-Methanoazulene, 1,2,3,4,5,6,7,8-octahydro-1,4,9,9-tetramethyl-, (CAS) 4,7-Methanoazulene, 1,2,3,4,5,6,7,8-oc



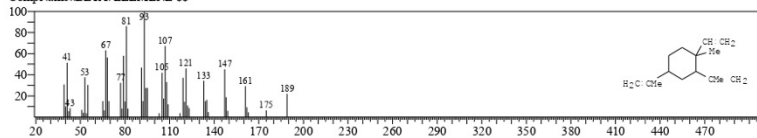
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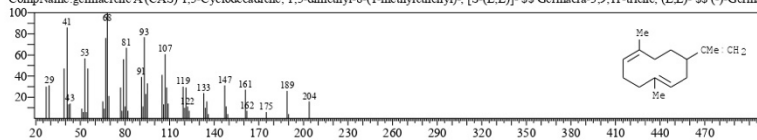
Line# 3 R Time: 16.450 (Scan# 3091) MassPeaks: 299  
RawMode: Averaged 16.445-16.455 (3090-3092) BasePeak: 93.05 (4273324)  
BG Mode: Calc. from Peak Group 1 - Event 1 Scan



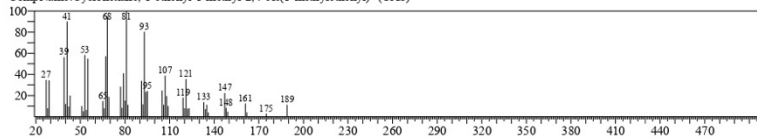
Hit#1 Entry: 100278 Library: WILEY7 LIB  
SI: 96 Formula: C15 H24 CAS: 515-13-9 MolWeight: 204 RetIndex: 0  
CompName: BETA. ELEMENE SS



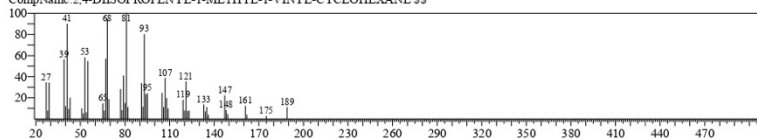
Hit#2 Entry: 101089 Library: WILEY7 LIB  
SI: 94 Formula: C15 H24 CAS: 28387-44-2 MolWeight: 204 RetIndex: 0  
CompName: gemacrene A (CAS) 1,5-Cyclodecadiene, 1,5-dimethyl-8-(1-methylethenyl)-, [S-(E,E)]-SS Gemacra-3,9,11-triene, (E,E)-SS (-)-Gemac



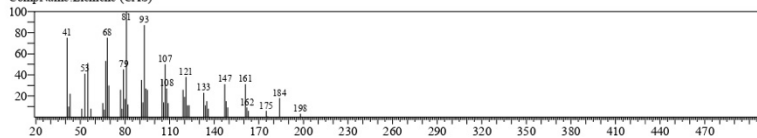
Hit#3 Entry: 100367 Library: WILEY7 LIB  
SI: 92 Formula: C15 H24 CAS: 110823-68-2 MolWeight: 204 RetIndex: 0  
CompName: Cyclohexane, 1-ethenyl-1-methyl-2,4-bis(1-methylethenyl)- (CAS)



Hit#4 Entry: 100181 Library: WILEY7 LIB  
SI: 92 Formula: C15 H24 CAS: 33880-83-0 MolWeight: 204 RetIndex: 0  
CompName: 2,4-DIISOPROPENYL-1-METHYL-1-VINYLCYCLOHEXANE SS



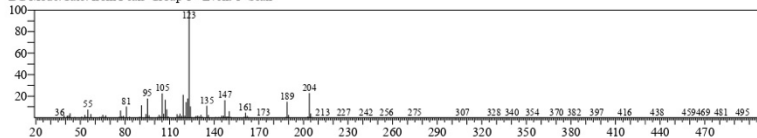
Hit#5 Entry: 100180 Library: WILEY7 LIB  
SI: 91 Formula: C15 H24 CAS: 11029-06-4 MolWeight: 204 RetIndex: 0  
CompName: Elemenene (CAS)



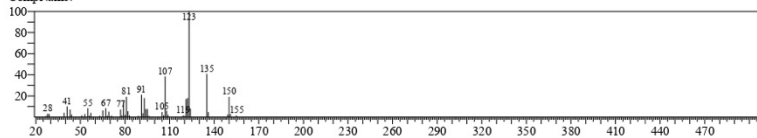
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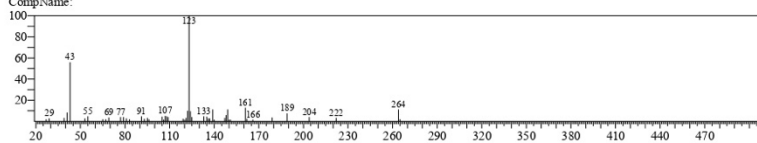
Line# 4 R Time:16.875(Scan# 3176) MassPeaks:303  
RawMode:Averaged 16.870-16.880(3175-3177) BasePeak:123.05(1650113)  
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



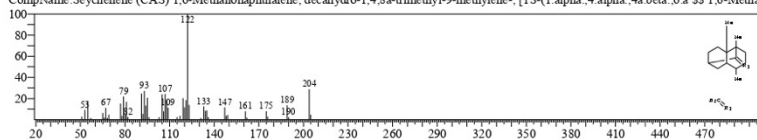
Hit#1 Entry:231777 Library:WILEY7 LIB  
SI:72 Formula:C18 H26 O3 S CAS:0-00-0 MolWeight:322 RetIndex:0  
CompName:



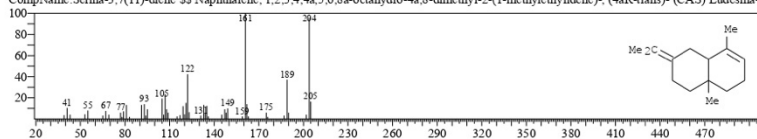
Hit#2 Entry:172981 Library:WILEY7 LIB  
SI:71 Formula:C16 H24 O3 CAS:0-00-0 MolWeight:264 RetIndex:0  
CompName:



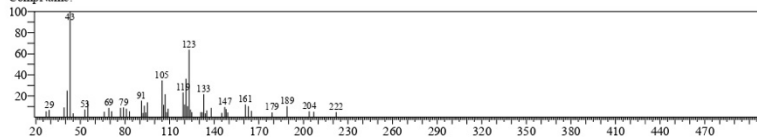
Hit#3 Entry:101091 Library:WILEY7 LIB  
SI:71 Formula:C15 H24 CAS:20085-93-2 MolWeight:204 RetIndex:0  
CompName:Seychelle (CAS) 1,6-Methanonaphthalene, decahydro-1,4,8a-trimethyl-9-methylene-, [1S-(1.alpha.,4.alpha.,4a.beta.,6.alpha.)SS]-1,6-Methan



Hit#4 Entry:100905 Library:WILEY7 LIB  
SI:70 Formula:C15 H24 CAS:6813-21-4 MolWeight:204 RetIndex:0  
CompName:Selina-3,7(11)-diene 5S Naphthalene, 1,2,3,4,4a,5,6,8a-octahydro-4a,8-dimethyl-2-(1-methylethylidene)-, (4aR-trans)- (CAS) Eudesma-3



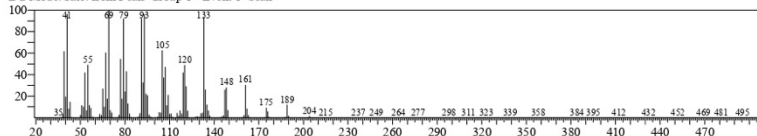
Hit#5 Entry:172983 Library:WILEY7 LIB  
SI:68 Formula:C16 H24 O3 CAS:0-00-0 MolWeight:264 RetIndex:0  
CompName:



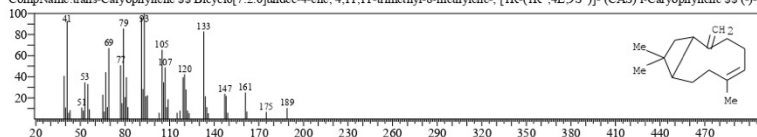
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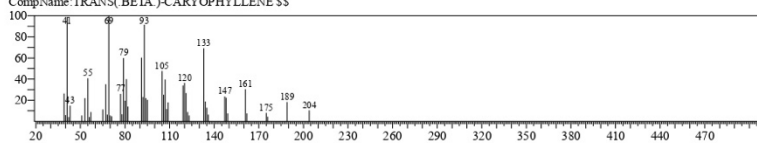
Line# 5 R Time: 16.975 (Scan# 3196) MassPeaks: 286  
RawMode: Averaged 16.970-16.980(3195-3197) BasePeak: 69.00(6604121)  
BG Mode: Calc. from Peak Group 1 - Event 1 Scan



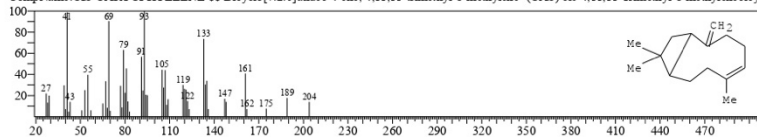
Hit#1 Entry: 100779 Library: WILEY7.LIB  
SI: 95 Formula: C15 H24 CAS: 87-44-5 MolWeight: 204 RetIndex: 0  
CompName: trans-Caryophyllene \$\$ Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R\*,4E,9S\*)]- (CAS) 1-Caryophyllene \$\$ (-)-C



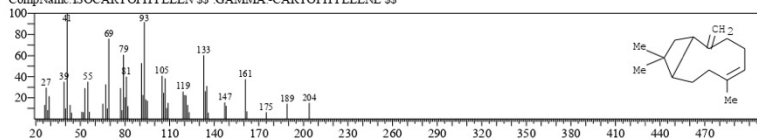
Hit#2 Entry: 100327 Library: WILEY7.LIB  
SI: 91 Formula: C15 H24 CAS: 0-00-0 MolWeight: 204 RetIndex: 0  
CompName: TRANS-(BETA)-CARYOPHYLLENE \$\$



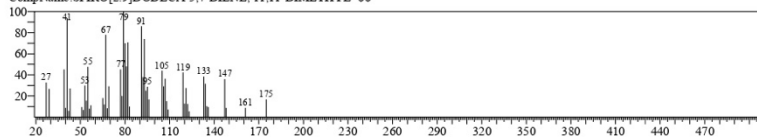
Hit#3 Entry: 100772 Library: WILEY7.LIB  
SI: 90 Formula: C15 H24 CAS: 13877-93-5 MolWeight: 204 RetIndex: 0  
CompName: CIS-CARYOPHYLLENE \$\$ Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, (CAS) cis-4,11,11-Trimethyl-8-methylenebicyc



Hit#4 Entry: 100798 Library: WILEY7.LIB  
SI: 89 Formula: C15 H24 CAS: 118-65-0 MolWeight: 204 RetIndex: 0  
CompName: ISOCARYOPHYLLENE \$\$ GAMMA-CARYOPHYLLENE \$\$



Hit#5 Entry: S3068 Library: WILEY7.LIB  
SI: 88 Formula: C14 H22 CAS: 0-00-0 MolWeight: 190 RetIndex: 0  
CompName: SPIRO[2.9]DODECA-3,7-DIENE, 11,11-DIMETHYL- \$\$

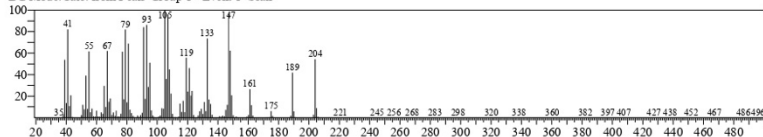




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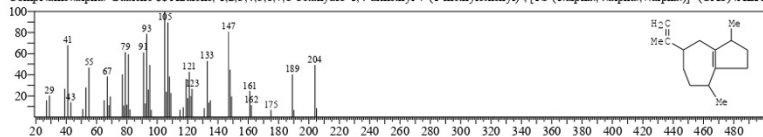
Line# 6 R Time 17.210 (Scan# 3243) MassPeaks 313  
RawMode Averaged 17.205-17.215(3242-3244) BasePeak 105.05(7393049)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



Hit# 1 Entry: 100813 Library: WILEY7 LIB

SI: 92 Formula: C15 H24 CAS: 3691-12-1 MolWeight: 204 RetIndex: 0

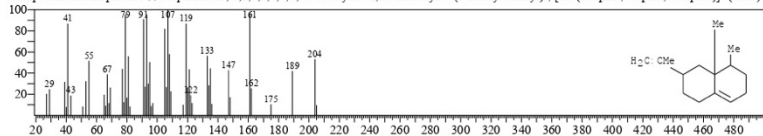
CompName: alpha-Guaiene SS Azulene, 1,2,3,4,5,6,7,8-octahydro-1,4-dimethyl-7-(1-methylethenyl)-, [1S-(1.alpha.,4.alpha.,7.alpha.)]- (CAS) ALPI



Hit# 2 Entry: 100902 Library: WILEY7 LIB

SI: 89 Formula: C15 H24 CAS: 10219-75-7 MolWeight: 204 RetIndex: 0

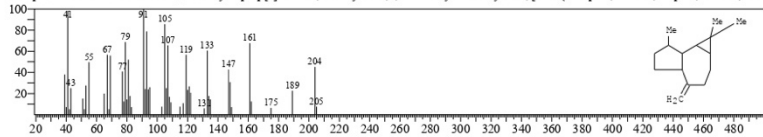
CompName: Erenophlene SS Naphthalene, 1,2,3,4,5,6,7,8-octahydro-1,8a-dimethyl-7-(1-methylethenyl)-, [1S-(1.alpha.,7.alpha.,8a.alpha.)]- (CAS)



Hit# 3 Entry: 101016 Library: WILEY7 LIB

SI: 89 Formula: C15 H24 CAS: 25246-27-9 MolWeight: 204 RetIndex: 0

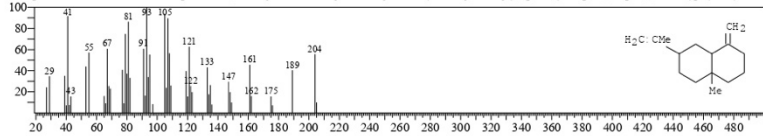
CompName: Alloaromadendrene SS IH-Cycloprop[er]azulene, decahydro-1,1,7-trimethyl-4-methylene-, [1aR-(1a.alpha.,4a.beta.,7.alpha.,7a.beta.,7b.alpha.)]- (CAS)



Hit# 4 Entry: 100909 Library: WILEY7 LIB

SI: 89 Formula: C15 H24 CAS: 17066-67-0 MolWeight: 204 RetIndex: 0

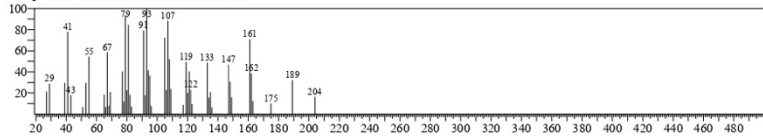
CompName: beta-Selinene SS Naphthalene, decahydro-4a-methyl-1-methylene-7-(1-methylethenyl)-, [4aR-(4a.alpha.,7.alpha.,8a.beta.)]- (CAS) Eude



Hit# 5 Entry: 100357 Library: WILEY7 LIB

SI: 88 Formula: C15 H24 CAS: 0-00-0 MolWeight: 204 RetIndex: 0

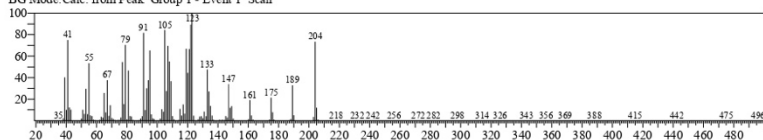
CompName: "KW3 AUS EPIGLOBULOL" SS



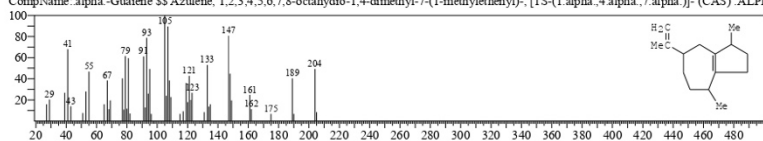
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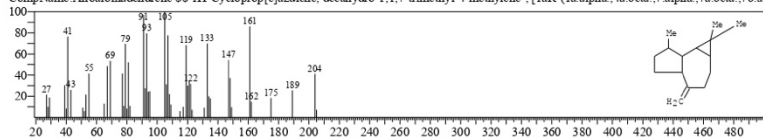
Line# 7 R Time 17.565 (Scan# 3314) MassPeaks 288  
RawMode Averaged 17.560-17.570(3313-3315) BasePeak 122.95(5683997)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



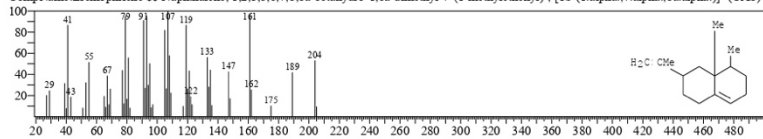
Hit#1 Entry:100813 Library:WILEY7 LIB  
SI:86 Formula:C15 H24 CAS:3691-12-1 MolWeight:204 RetIndex:0  
CompName:alpha-Guaiene SS Azulene, 1,2,3,4,5,6,7,8-octahydro-1,4-dimethyl-7-(1-methylethenyl)-, [1S-(1.alpha.,4.alpha.,7.alpha.)]- (CAS) ALPI



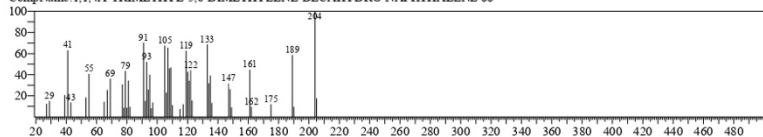
Hit#2 Entry:101014 Library:WILEY7 LIB  
SI:86 Formula:C15 H24 CAS:25246-27-9 MolWeight:204 RetIndex:0  
CompName:Alloaromadendrene SS IH-Cycloprop[er]azulene, decahydro-1,1,7-trimethyl-4-methylene-, [1aR-(1a.alpha.,4a.beta.,7.alpha.,7a.beta.,7b.alpha.)]- (CAS)



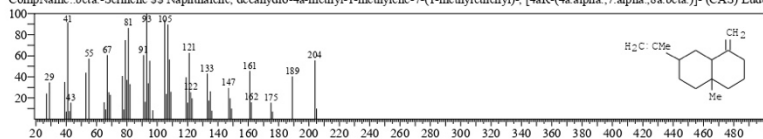
Hit#3 Entry:100902 Library:WILEY7 LIB  
SI:86 Formula:C15 H24 CAS:10219-75-7 MolWeight:204 RetIndex:0  
CompName:Erenophilene SS Naphthalene, 1,2,3,5,6,7,8,8a-octahydro-1,8a-dimethyl-7-(1-methylethenyl)-, [1S-(1.alpha.,7.alpha.,8a.alpha.)]- (CAS)



Hit#4 Entry:100366 Library:WILEY7 LIB  
SI:85 Formula:C15 H24 CAS:0-00-0 MolWeight:204 RetIndex:0  
CompName:1,1,4A-TRIMETHYL-5,6-DIMETHYLENE-DECAHYDRO-NAPHTHALENE SS



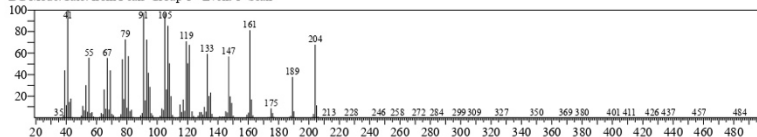
Hit#5 Entry:100909 Library:WILEY7 LIB  
SI:85 Formula:C15 H24 CAS:17066-67-0 MolWeight:204 RetIndex:0  
CompName:.beta.-Selinene SS Naphthalene, decahydro-4a-methyl-1-methylene-7-(1-methylethenyl)-, [4aR-(4a.alpha.,7.alpha.,8a.beta.)]- (CAS) Eude



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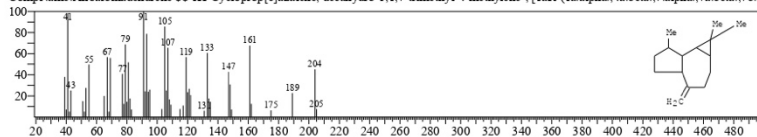
Line# 8 R Time 17.765 (Scan# 3354) MassPeaks 277  
RawMode Averaged 17.760-17.770(3353-3355) BasePeak:41.00(5472355)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



Hit#1 Entry:101016 Library:WILEY7 LIB

SI 92 Formula: C15 H24 CAS: 25246-27-9 MolWeight: 204 RetIndex: 0

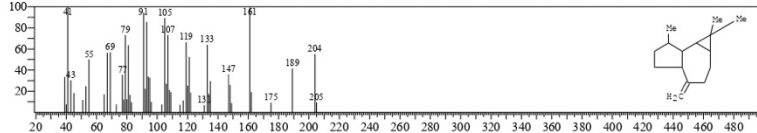
CompName: Alloaromadendrene SS 1H-Cycloprop[er]azulene, decahydro-1,1,7-trimethyl-4-methylene-, [1aR-(1a.alpha.,4a.beta.,7.alpha.,7a.beta.,7b.alpha.)]



Hit#2 Entry:101007 Library:WILEY7 LIB

SI 92 Formula: C15 H24 CAS: 489-39-4 MolWeight: 204 RetIndex: 0

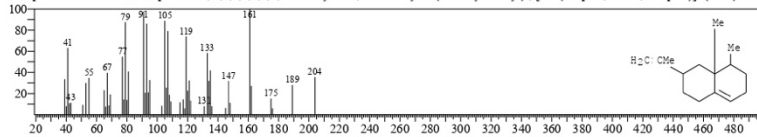
CompName: (+)-Aromadendrene SS 1H-Cycloprop[er]azulene, decahydro-1,1,7-trimethyl-4-methylene-, [1aR-(1a.alpha.,4a.alpha.,7.alpha.,7a.beta.,7b.alpha.)]



Hit#3 Entry:100933 Library:WILEY7 LIB

SI 91 Formula: C15 H24 CAS: 4630-07-3 MolWeight: 204 RetIndex: 0

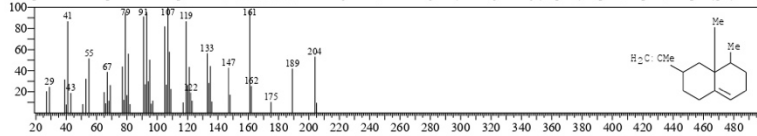
CompName: Valencene SS Naphthalene, 1,2,3,5,6,7,8,8a-octahydro-1,8a-dimethyl-7-(1-methylethenyl)-, [1R-(1.alpha.,7.beta.,8a.alpha.)]-(CAS) Valencene



Hit#4 Entry:100902 Library:WILEY7 LIB

SI 91 Formula: C15 H24 CAS: 10219-75-7 MolWeight: 204 RetIndex: 0

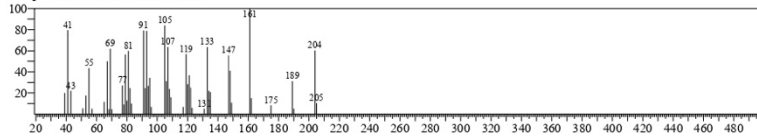
CompName: Eremophilene SS Naphthalene, 1,2,3,5,6,7,8,8a-octahydro-1,8a-dimethyl-7-(1-methylethenyl)-, [1S-(1.alpha.,7.alpha.,8a.alpha.)]-(CAS) Eremophilene



Hit#5 Entry:100331 Library:WILEY7 LIB

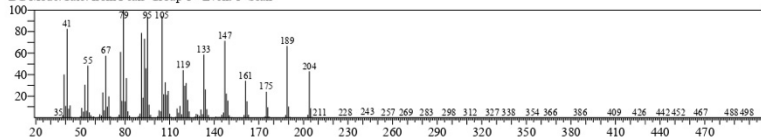
SI 89 Formula: C15 H24 CAS: 0-00-0 MolWeight: 204 RetIndex: 0

CompName: NEOALLOOCIMENE SS



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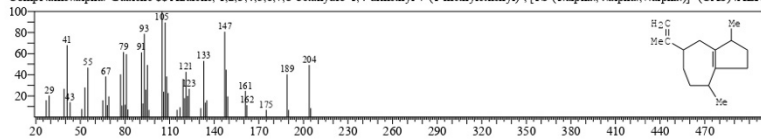
&lt;&lt; Target &gt;&gt;

Line#9 R Time 18.080(Scan# 3417) MassPeaks 285  
RawMode Averaged 18.075-18.085(3416-3418) BasePeak 79.00(1105067)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan

Hit#1 Entry:100813 Library:WILEY7 LIB

SI.90 Formula:C15 H24 CAS:3691-12-1 MolWeight:204 RetIndex:0

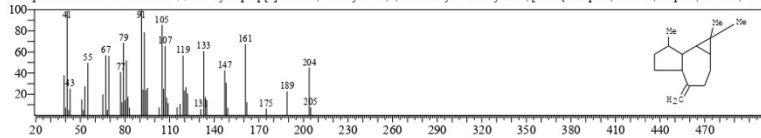
CompName:alpha-Guaiene SS Azulene, 1,2,3,4,5,6,7,8-octahydro-1,4-dimethyl-7-(1-methylethenyl)-, [1S-(1.alpha.,4.alpha.,7.alpha.)]- (CAS) ALPI



Hit#2 Entry:101016 Library:WILEY7 LIB

SI.90 Formula:C15 H24 CAS:25246-27-9 MolWeight:204 RetIndex:0

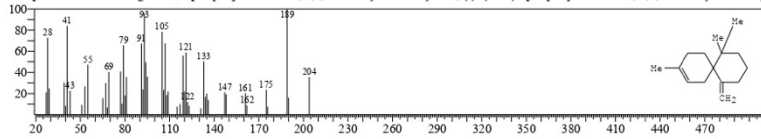
CompName:Alloaromadendrene SS IH-Cycloprop[er]azulene, decahydro-1,1,7-trimethyl-4-methylene-, [1aR-(1.alpha.,4.alpha.,7.alpha.,7a.beta.,7b.alpha.)]- (CAS) Valer



Hit#3 Entry:100769 Library:WILEY7 LIB

SI.90 Formula:C15 H24 CAS:18431-82-8 MolWeight:204 RetIndex:0

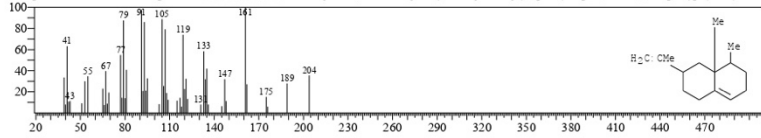
CompName:beta-Chamigrene SS Spiro[5.5]undec-2-ene, 3,7,7-trimethyl-11-methylene-, (-) (CAS) Spiro[5.5]undec-2-ene, 3,7,7-trimethyl-11-methy



Hit#4 Entry:100933 Library:WILEY7 LIB

SI.89 Formula:C15 H24 CAS:4630-07-3 MolWeight:204 RetIndex:0

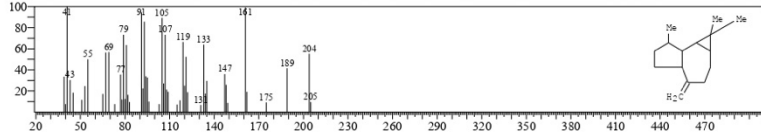
CompName:Valencene SS Naphthalene, 1,2,3,5,6,7,8,8a-octahydro-1,8a-dimethyl-7-(1-methylethenyl)-, [1R-(1.alpha.,7.beta.,8.alpha.)]- (CAS) Valer



Hit#5 Entry:101007 Library:WILEY7 LIB

SI.89 Formula:C15 H24 CAS:489-39-4 MolWeight:204 RetIndex:0

CompName:(-)-Aromadendrene SS IH-Cycloprop[er]azulene, decahydro-1,1,7-trimethyl-4-methylene-, [1aR-(1.alpha.,4.alpha.,7.alpha.,7a.beta.,7b.alpha.)]- (CAS) Valer

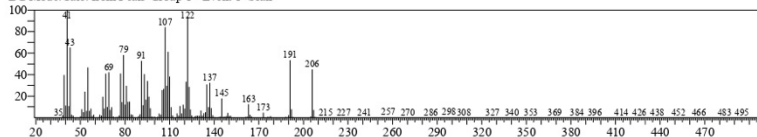




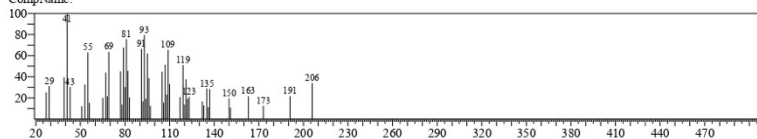
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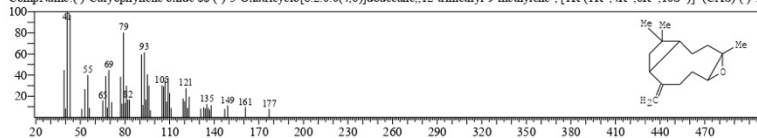
Line# 11 R.Time: 19.525 (Scan#: 3706) MassPeaks: 278  
RawMode Averaged 19.520-19.530 (3705-3707) BasePeak: 41.00 (1982761)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



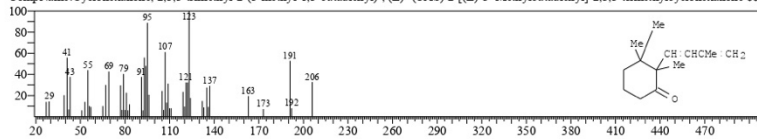
Hit# 1 Entry: 103223 Library: WILEY7 LIB  
SI: 85 Formula: C14 H22 O CAS: 0-00-0 MolWeight: 206 RetIndex: 0  
CompName:



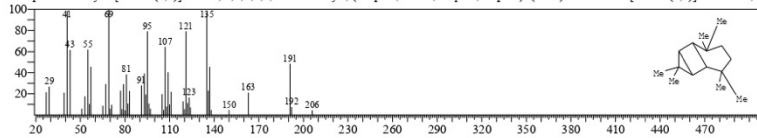
Hit# 2 Entry: 121057 Library: WILEY7 LIB  
SI: 84 Formula: C15 H24 O CAS: 1139-30-6 MolWeight: 220 RetIndex: 0  
CompName: (-)-Caryophyllene oxide SS (-)-5-Oxatricyclo[8.2.0.0(4,6)]dodecane, 12-trimethyl-9-methylene-, [1R-(1R\*,4R\*,6R\*,10S\*)]- (CAS) (-)-b



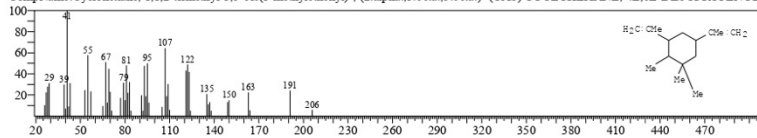
Hit# 3 Entry: 103665 Library: WILEY7 LIB  
SI: 83 Formula: C14 H24 O CAS: 69296-90-8 MolWeight: 206 RetIndex: 0  
CompName: Cyclohexanone, 2,3,3-trimethyl-2-(3-methyl-1,3-butadienyl)-, (Z)- (CAS) 2-[(Z)-3'-Methylbutadienyl]-2,3,3-trimethylcyclohexanone SS :



Hit# 4 Entry: 103309 Library: WILEY7 LIB  
SI: 83 Formula: C15 H26 CAS: 54832-82-5 MolWeight: 206 RetIndex: 0  
CompName: Tricyclo[4.3.0(7,9)]nonane, 2,2,5,5,8,8-hexamethyl-, (1.alpha.,6.beta.,7.alpha.,9.alpha.)- (CAS) TRICYCLO[4.3.0.0(1,8)]NONANE, 3,



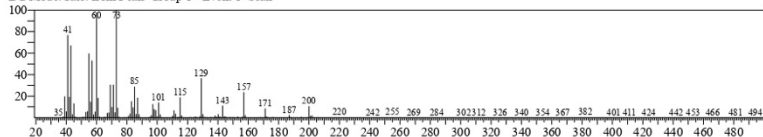
Hit# 5 Entry: 103295 Library: WILEY7 LIB  
SI: 82 Formula: C15 H26 CAS: 62337-97-7 MolWeight: 206 RetIndex: 0  
CompName: Cyclohexane, 1,1,2-trimethyl-3,5-bis(1-methylethenyl)-, (2.alpha.,3.beta.,5.beta.)- (CAS) CYCLOHEXANE, 4E,6E-DIISOPROPENYL-



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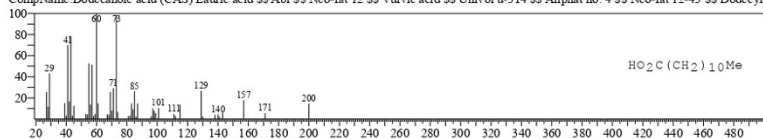
Line# 12 R. Time 19.825(Scan#3766) MassPeaks:275  
RawMode Averaged 19.820-19.830(3765-3767) BasePeak:73.00(1882886)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



Hit#1 Entry:95899 Library:WILEY7 LIB

SI:95 Formula:C12 H24 O2 CAS:143-07-7 MolWeight:200 RetIndex:0

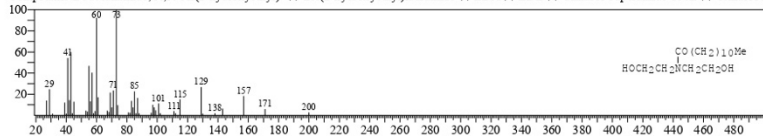
CompName:Dodecanoic acid (CAS) Lauric acid \$S\$ Abl \$S\$ Neo-fat 12 \$S\$ Vulvic acid \$S\$ Univol u-314 \$S\$ Aliphatic no. 4 \$S\$ Neo-fat 12-43 \$S\$ Dodecyl



Hit#2 Entry:198305 Library:WILEY7 LIB

SI:94 Formula:C16 H33 N O3 CAS:120-40-1 MolWeight:287 RetIndex:0

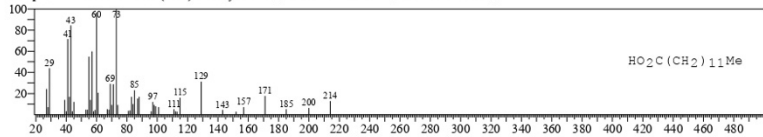
CompName:Dodecanamide, N,N-bis(2-hydroxyethyl)- \$S\$ Bis(2-hydroxyethyl)lauramide \$S\$ LDA \$S\$ LDE \$S\$ Clindrol Superamide 100L \$S\$ Clindrol 2



Hit#3 Entry:113508 Library:WILEY7 LIB

SI:93 Formula:C13 H26 O2 CAS:638-53-9 MolWeight:214 RetIndex:0

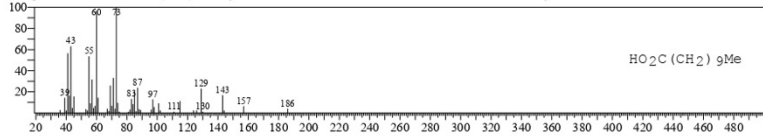
CompName:Tridecanoic acid (CAS) Tridecyl acid \$S\$ n-Tridecanoic acid \$S\$ n-Tridecoic acid \$S\$



Hit#4 Entry:79101 Library:WILEY7 LIB

SI:91 Formula:C11 H22 O2 CAS:112-37-8 MolWeight:186 RetIndex:0

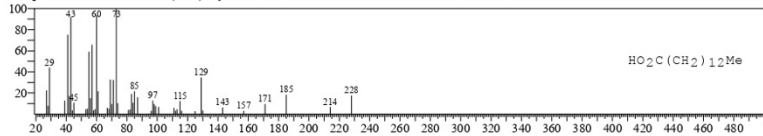
CompName:Undecanoic acid (CAS) Undecyl acid \$S\$ n-Undecanoic acid \$S\$ Hendecanoic acid \$S\$ n-Undecyl acid \$S\$ n-Undecanoic acid \$S\$ 1-Decano



Hit#5 Entry:131455 Library:WILEY7 LIB

SI:91 Formula:C14 H28 O2 CAS:544-63-8 MolWeight:228 RetIndex:0

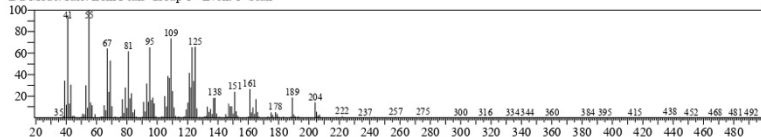
CompName:Tetradecanoic acid (CAS) Mynstic acid \$S\$ MYRISTINIC ACID \$S\$ n-Tetradecanoic acid \$S\$ neo-Fat 14 \$S\$ Univol U 316S \$S\$ n-Tetradec



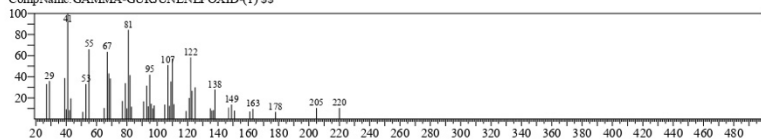
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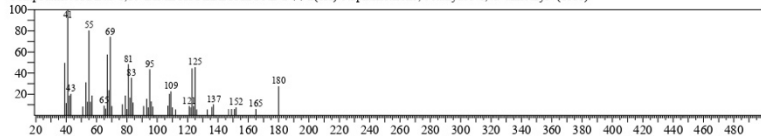
Line# 13 R. Time: 20.265(Scan# 3854) MassPeaks: 269  
RawMode Averaged 20.260-20.270(3853-3855) BasePeak: 55.00(1235267)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



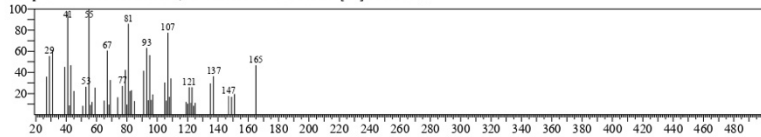
Hit# 1 Entry: 120552 Library: WILEY7.LIB  
SI: 82 Formula: C15 H24 O CAS: 0-00-0 MolWeight: 220 RetIndex: 0  
CompName: GAMMA-GURJUNENEPOXID-(1) \$\$



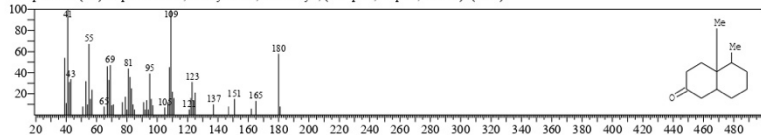
Hit# 2 Entry: 71239 Library: WILEY7.LIB  
SI: 80 Formula: C12 H20 O CAS: 74473-37-3 MolWeight: 180 RetIndex: 0  
CompName: TRANS-1,10-DIMETHYLDECALONE-2 \$\$ 2(H)-Naphthalenone, octahydro-1,4a-dimethyl- (CAS)



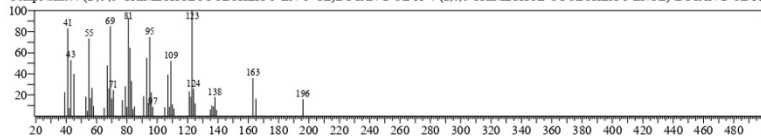
Hit# 3 Entry: 71393 Library: WILEY7.LIB  
SI: 80 Formula: C12 H20 O CAS: 0-00-0 MolWeight: 180 RetIndex: 0  
CompName: 4-ISOPROPENYL-4,7-DIMETHYL-1-OXA-SPIRO[2.5]OCTANE \$\$



Hit# 4 Entry: 71242 Library: WILEY7.LIB  
SI: 79 Formula: C12 H20 O CAS: 51557-64-3 MolWeight: 180 RetIndex: 0  
CompName: 2(H)-Naphthalenone, octahydro-4a,5-dimethyl-, (4a.alpha.,5.alpha.,8a.beta.)- (CAS)



Hit# 5 Entry: 91174 Library: WILEY7.LIB  
SI: 79 Formula: C13 H24 O CAS: 0-00-0 MolWeight: 196 RetIndex: 0  
CompName: 4-(2',6'-TRIMETHYLCYCLOHEX-1'-EN-1'-YL)BUTAN-2-OL \$\$ 4-(2,6,6-TRIMETHYLCYCLOHEX-1-ENYL)-BUTAN-2-OL \$\$

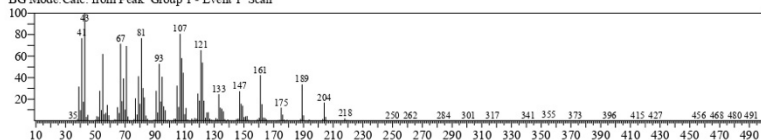




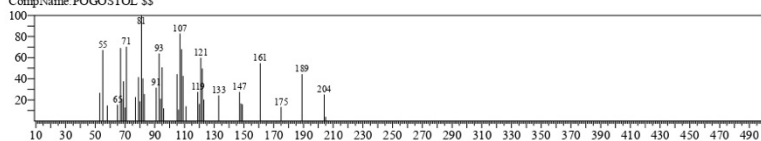
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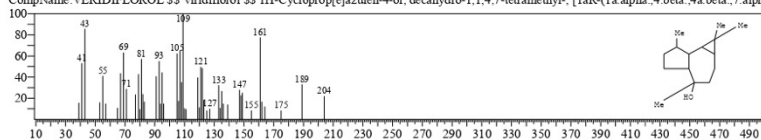
Line# 14 R. Time 20.705(Scan#3942) MassPeaks:270  
RawMode Averaged 20.700-20.710(3941-3943) BasePeak:42.95(597545)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



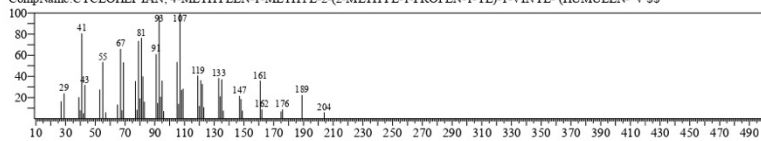
Hit#1 Entry:140762 Library:WILEY7 LIB  
SI:87 Formula:C16 H28 O CAS:21698-41-9 MolWeight:236 RetIndex:0  
CompName:POGOSTOL SS



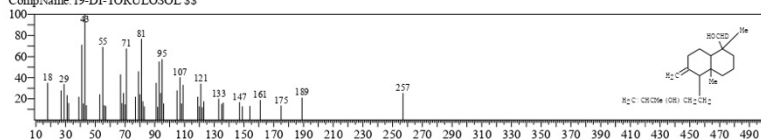
Hit#2 Entry:124088 Library:WILEY7 LIB  
SI:87 Formula:C16 H26 O CAS:552-02-3 MolWeight:222 RetIndex:0  
CompName:VERIDIFLOROL SS Viridiflorol SS 1H-Cycloprop[e]azulen-4-ol, decahydro-1,1,4,7-tetramethyl-, [1aR-(1a.alpha.,4.beta.,4a.beta.,7.alpha.)]



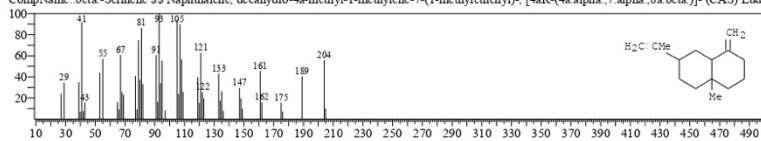
Hit#3 Entry:100352 Library:WILEY7 LIB  
SI:86 Formula:C15 H24 CAS:0-00-0 MolWeight:204 RetIndex:0  
CompName:CYCLOHEPTAN, 4-METHYLEN-1-METHYL-2-(2-METHYL-1-PROPEN-1-YL)-1-VINYL- (HUMULEN-"V" SS



Hit#4 Entry:217395 Library:WILEY7 LIB  
SI:86 Formula:C20 H33 D O2 CAS:1438-63-7 MolWeight:306 RetIndex:0  
CompName:19-DI-TORULOSOL SS



Hit#5 Entry:100909 Library:WILEY7 LIB  
SI:85 Formula:C15 H24 CAS:17066-67-0 MolWeight:204 RetIndex:0  
CompName:.beta.-Selinene SS Naphthalene, decahydro-4a-methyl-1-methylene-7-(1-methylethenyl)-, [4aR-(4a.alpha.,7.alpha.,8a.beta.)]- (CAS) Eude



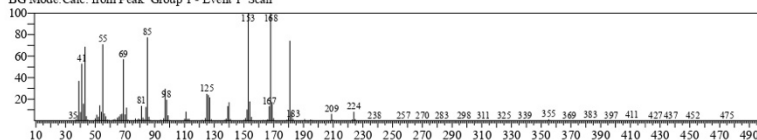
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Line# 15 R. Time: 21.265(Scan# 4054) MassPeaks: 282

RawMode Averaged 21.260-21.270(4053-4055) BasePeak: 168.05(8161763)

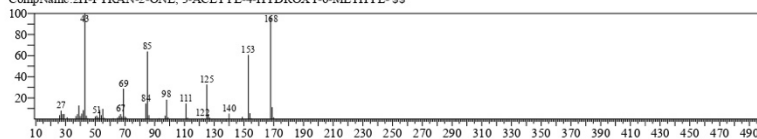
BG Mode Calc. from Peak Group 1 - Event 1 Scan



Hit# 1 Entry: 58546 Library: WILEY7.LIB

SI: 76 Formula: C8 H8 O4 CAS: 771-03-9 MolWeight: 168 RetIndex: 0

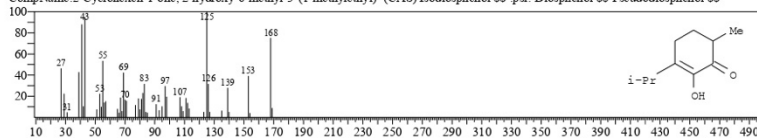
CompName: 2H-PYRAN-2-ONE, 3-ACETYL-4-HYDROXY-6-METHYL-SS



Hit# 2 Entry: 57569 Library: WILEY7.LIB

SI: 72 Formula: C10 H16 O2 CAS: 54783-36-7 MolWeight: 168 RetIndex: 0

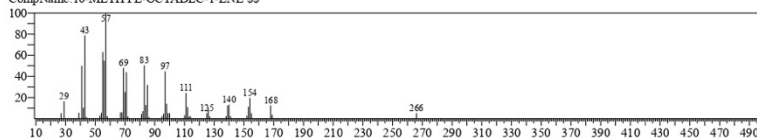
CompName: 2-Cyclohexen-1-one, 2-hydroxy-6-methyl-3-(1-methylethyl)- (CAS) Isodiosphenol SS psi-Diosphenol SS Pseudodiosphenol SS



Hit# 3 Entry: 175676 Library: WILEY7.LIB

SI: 70 Formula: C19 H38 CAS: 0-00-0 MolWeight: 266 RetIndex: 0

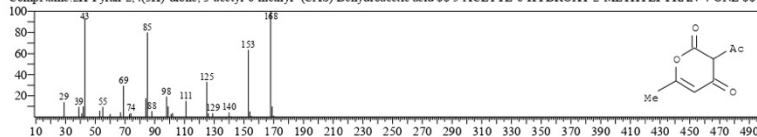
CompName: 10-METHYL-OCTADEC-1-ENE SS



Hit# 4 Entry: 58505 Library: WILEY7.LIB

SI: 70 Formula: C8 H8 O4 CAS: 520-43-6 MolWeight: 168 RetIndex: 0

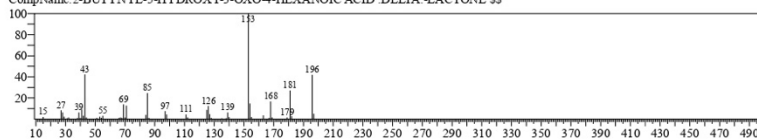
CompName: 2H-Pyran-2,4(3H)-dione, 3-acetyl-6-methyl- (CAS) Dehydroacetic acid 5-ACETYL-6-HYDROXY-2-METHYLPYRAN-4-ONE SS D



Hit# 5 Entry: 89585 Library: WILEY7.LIB

SI: 70 Formula: C10 H12 O4 CAS: 0-00-0 MolWeight: 196 RetIndex: 0

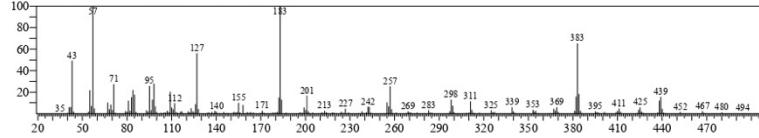
CompName: 2-BUTYNYL-5-HYDROXY-3-OXO-4-HEXANOIC ACID DELTA-LACTONE SS



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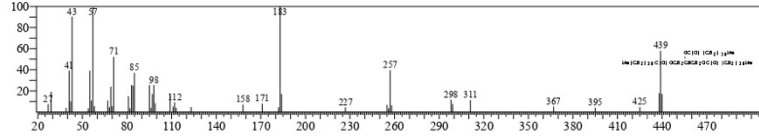
Line# 16 R. Time: 21.760(Scan# 4153) MassPeaks: 372  
RawMode Averaged 21.755-21.765(4152-4154) BasePeak: 183.05(1115910)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



Hit#1 Entry: 331589 Library: WILEY7 LIB

SI: 77 Formula: C<sub>39</sub>H<sub>74</sub>O<sub>6</sub> CAS: 538-24-9 MolWeight: 639 RetIndex: 0

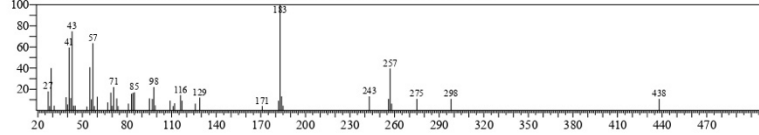
CompName: Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) Glycerol tridodecanoate \$S\$ Trilaurin \$S\$ Laurin, tri- \$S\$ Glycerol trilaurate \$S\$ Glycerol tri-



Hit#2 Entry: 306151 Library: WILEY7 LIB

SI: 68 Formula: C<sub>27</sub>H<sub>52</sub>O<sub>5</sub> CAS: 17598-94-6 MolWeight: 456 RetIndex: 0

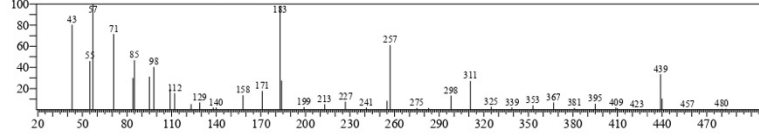
CompName: DODECANOIC ACID, 1-(HYDROXYMETHYL)-1,2-ETHANEDIYL ESTER \$S\$



Hit#3 Entry: 336354 Library: WILEY7 LIB

SI: 68 Formula: C<sub>57</sub>H<sub>10</sub>O<sub>6</sub> CAS: 0-00-0 MolWeight: 790 RetIndex: 0

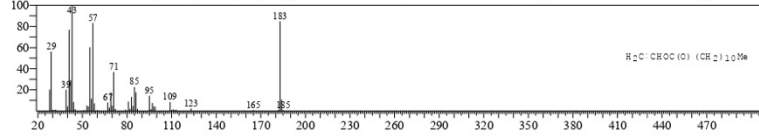
CompName: GLYCERYL TRIDODECANOATE \$S\$



Hit#4 Entry: 128507 Library: WILEY7 LIB

SI: 63 Formula: C<sub>14</sub>H<sub>26</sub>O<sub>2</sub> CAS: 2146-71-6 MolWeight: 226 RetIndex: 0

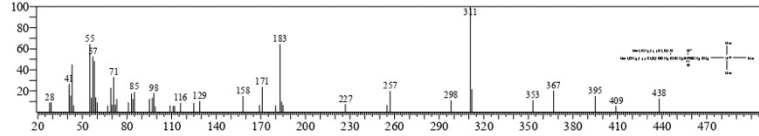
CompName: Dodecanoic acid, ethenyl ester (CAS) Vinyl dodecanoate \$S\$ Vinyl laurate \$S\$ Lauric acid, vinyl ester \$S\$ Dodecanoic acid vinyl ester \$S\$



Hit#5 Entry: 330521 Library: WILEY7 LIB

SI: 62 Formula: C<sub>32</sub>H<sub>64</sub>N<sub>3</sub>O<sub>8</sub>P CAS: 18194-25-7 MolWeight: 621 RetIndex: 0

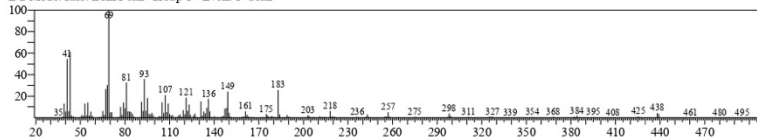
CompName: L-1,2-DILAURYLGLYCERYLPHOSPHORYLCHOLINE \$S\$ 3,5,9-Trioxo-4-phosphaheneicosan-1-aminium, 4-hydroxy-N,N,N-trim-



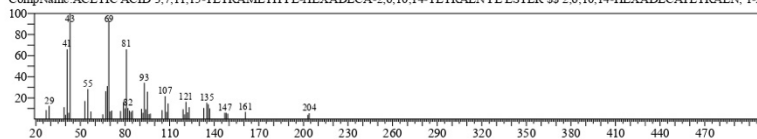
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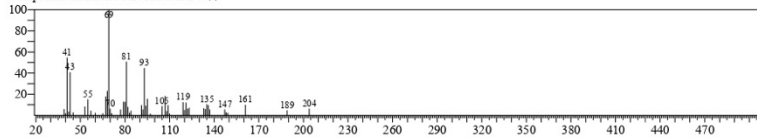
Line# 17 R.Time:21.915(Scan#4184) MassPeaks:295  
RawMode:Averaged 21.910-21.920(4183-4185) BasePeak:69.00(1196340)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



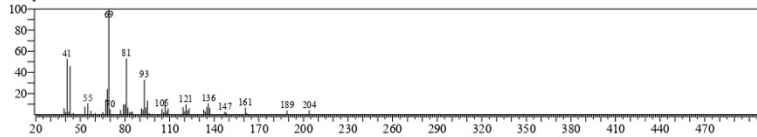
Hit# 1 Entry:240920 Library:WILEY7 LIB  
SI:87 Formula:C22 H36 O2 CAS:61691-98-3 MolWeight:332 RetIndex:0  
CompName:ACETIC ACID 3,7,11,15-TETRAMETHYL-HEXADECA-2,6,10,14-TETRAENYL ESTER \$S 2,6,10,14-HEXADECATETRAEN, 1-A



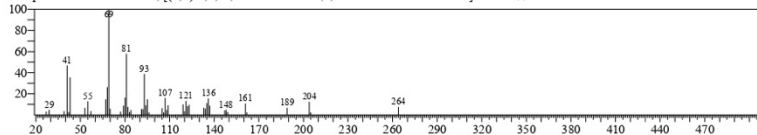
Hit# 2 Entry:173143 Library:WILEY7 LIB  
SI:86 Formula:C17 H28 O2 CAS:0-00-0 MolWeight:264 RetIndex:0  
CompName:FARNESYL ACETATE 1 \$S



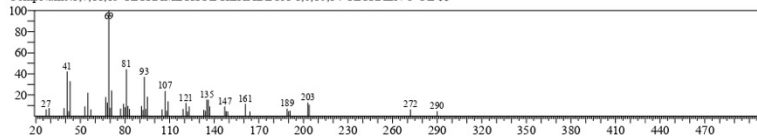
Hit# 3 Entry:173144 Library:WILEY7 LIB  
SI:84 Formula:C17 H28 O2 CAS:0-00-0 MolWeight:264 RetIndex:0  
CompName:FARNESYL ACETATE 2 \$S



Hit# 4 Entry:173147 Library:WILEY7 LIB  
SI:83 Formula:C17 H28 O2 CAS:0-00-0 MolWeight:264 RetIndex:0  
CompName:ESSIGSAEURE, [(Z,Z)-3,7,11-TRIMETHYL-2,6,10-DODECATRIEN-1-YL]ESTER \$S

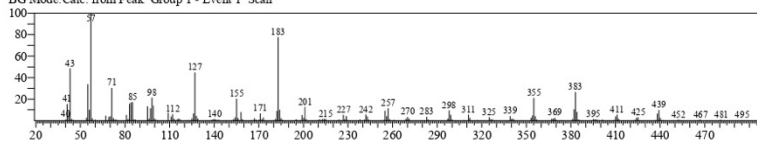


Hit# 5 Entry:201531 Library:WILEY7 LIB  
SI:83 Formula:C20 H34 O CAS:68931-30-6 MolWeight:290 RetIndex:0  
CompName:3,7,11,15-TETRAMETHYL-HEXADECA-1,6,10,14-TETRAEN-3-OL \$S



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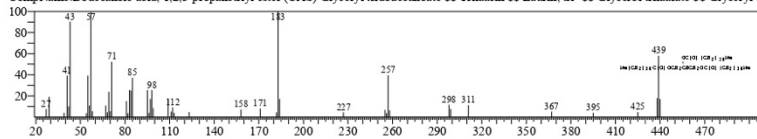
&lt;&lt; Target &gt;&gt;

Line# 18 R. Time: 21.970(Scan# 4195) MassPeaks: 329  
RawMode: Averaged 21.965-21.975(4194-4196) BasePeak: 57.05(1306196)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan

Hit# 1 Entry: 331589 Library: WILEY7 LIB

SI: 74 Formula: C39 H74 O6 CAS: 538-24-9 MolWeight: 639 RetIndex: 0

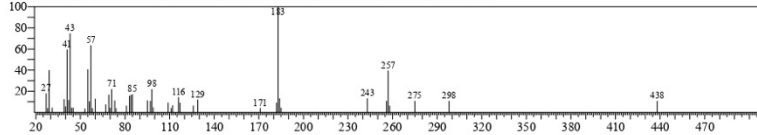
CompName: Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) Glyceryl tridodecanoate \$S\$ Trilaurin \$S\$ Laurin, tri- \$S\$ Glycerol trilaurate \$S\$ Glyceryl tri-



Hit# 2 Entry: 306151 Library: WILEY7 LIB

SI: 69 Formula: C27 H52 O5 CAS: 17598-94-6 MolWeight: 456 RetIndex: 0

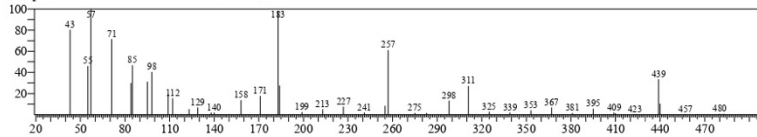
CompName: DODECAHOIC ACID, 1-(HYDROXYMETHYL)-1,2-ETHANEDIYL ESTER \$S\$



Hit# 3 Entry: 336354 Library: WILEY7 LIB

SI: 67 Formula: C57 H10 O6 CAS: 0-00-0 MolWeight: 790 RetIndex: 0

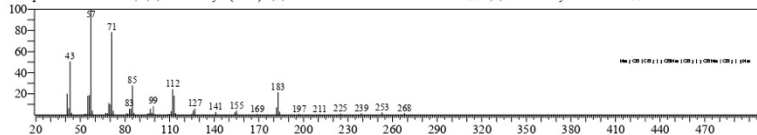
CompName: GLYCERYL TRIDODECAHOATE \$S\$



Hit# 4 Entry: 177888 Library: WILEY7 LIB

SI: 66 Formula: C19 H40 CAS: 55000-52-7 MolWeight: 268 RetIndex: 0

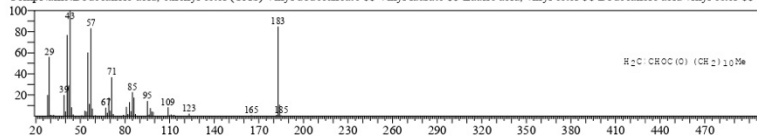
CompName: Hexadecane, 2,6,10-trimethyl- (CAS) 2,6,10-TRIMETHYL-HEXADECANE \$S\$ 2,6,10-Trimethylhexadecane \$S\$



Hit# 5 Entry: 128507 Library: WILEY7 LIB

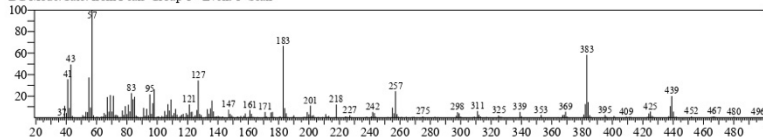
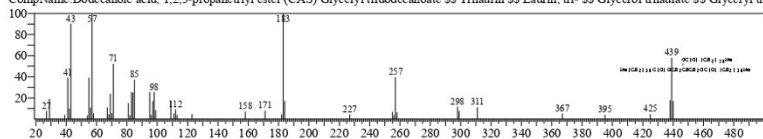
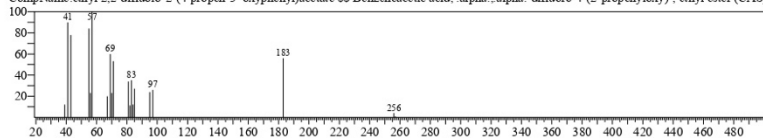
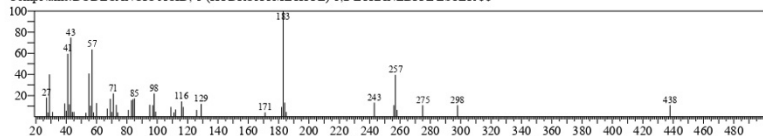
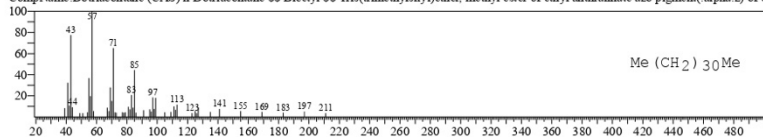
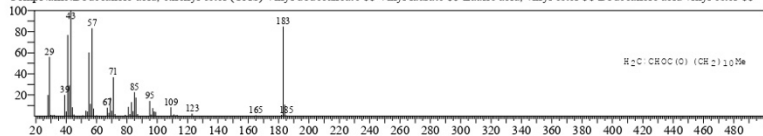
SI: 66 Formula: C14 H26 O2 CAS: 2146-71-6 MolWeight: 226 RetIndex: 0

CompName: Dodecanoic acid, ethenyl ester (CAS) Vinyl dodecanoate \$S\$ Vinyl laurate \$S\$ Lauroic acid, vinyl ester \$S\$ Dodecanoic acid vinyl ester \$S\$



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&lt;&lt; Target &gt;&gt;

Line# 19 R. Time: 22.135 (Scan# 4228) MassPeaks: 357  
RawMode Averaged 22.130-22.140 (4227-4229) BasePeak: 57.05 (925804)  
BG Mode Calc. from Peak Group 1 - Event 1 ScanHit# 1 Entry: 331589 Library: WILEY7 LIB  
SI: 72 Formula: C39 H74 O6 CAS: 538-24-9 MolWeight: 639 RetIndex: 0  
CompName: Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) Glycerol tri dodecanoate \$S\$ Trilaurin \$S\$ Laurin, tri- \$S\$ Glycerol trilaurate \$S\$ Glycerol triHit# 2 Entry: 163461 Library: WILEY7 LIB  
SI: 66 Formula: C13 H14 F2 O3 CAS: 125575-29-3 MolWeight: 256 RetIndex: 0  
CompName: ethyl 2,2-difluoro-2-(4-propen-3'-oxyphenyl)acetate \$S\$ Benzeneacetic acid, alpha, alpha -difluoro-4-(2-propenyloxy)-, ethyl ester (CAS)Hit# 3 Entry: 306151 Library: WILEY7 LIB  
SI: 65 Formula: C27 H52 O5 CAS: 17598-94-6 MolWeight: 456 RetIndex: 0  
CompName: DODECANOIC ACID, 1-(HYDROXYMETHYL)-1,2-ETHANEDIYL ESTER \$S\$Hit# 4 Entry: 304720 Library: WILEY7 LIB  
SI: 65 Formula: C32 H66 CAS: 544-85-4 MolWeight: 451 RetIndex: 0  
CompName: Dotriacontane (CAS) n-Dotriacontane \$S\$ Bicetyl \$S\$ Tris(trimethylsilyl)ether, methyl ester of ethyl anthranilate azo pigment (alpha z) of tHit# 5 Entry: 128507 Library: WILEY7 LIB  
SI: 65 Formula: C14 H26 O2 CAS: 2146-71-6 MolWeight: 226 RetIndex: 0  
CompName: Dodecanoic acid, ethenyl ester (CAS) Vinyl dodecanoate \$S\$ Vinyl laurate \$S\$ Launic acid, vinyl ester \$S\$ Dodecanoic acid vinyl ester \$S\$

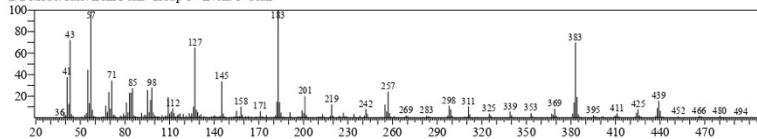
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&lt;&lt; Target &gt;&gt;

Line# 20 R. Time: 22.255 (Scan# 4252) MassPeaks: 396

RawMode Averaged 22.250-22.260 (4251-4253) BasePeak: 183.05 (1515732)

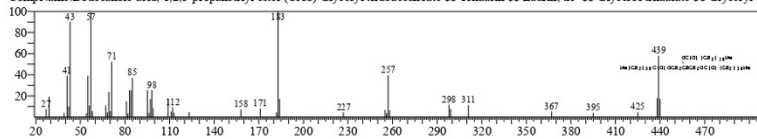
BG Mode Calc. from Peak Group 1 - Event 1 Scan



Hit# 1 Entry: 331589 Library: WILEY7 LIB

SI: 79 Formula: C39 H74 O6 CAS: 538-24-9 MolWeight: 639 RetIndex: 0

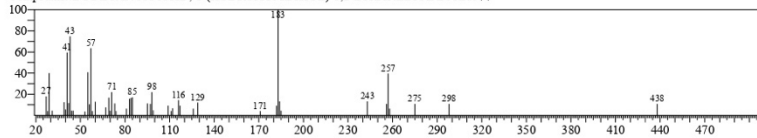
CompName: Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) Glycerol tridodecanoate \$S\$ Trilaurin \$S\$ Laurin, tri- \$S\$ Glycerol trilaurate \$S\$ Glycerol tri-



Hit# 2 Entry: 306151 Library: WILEY7 LIB

SI: 70 Formula: C27 H52 O5 CAS: 17598-94-6 MolWeight: 456 RetIndex: 0

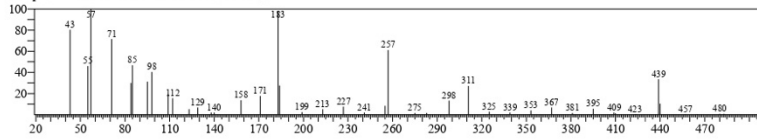
CompName: DODECANOIC ACID, 1-(HYDROXYMETHYL)-1,2-ETHANEDIYL ESTER \$S\$



Hit# 3 Entry: 336354 Library: WILEY7 LIB

SI: 66 Formula: C57 H10 O6 CAS: 0-00-0 MolWeight: 790 RetIndex: 0

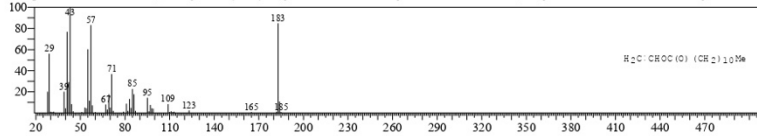
CompName: GLYCERYL TRIDODECANOATE \$S\$



Hit# 4 Entry: 128507 Library: WILEY7 LIB

SI: 66 Formula: C14 H26 O2 CAS: 2146-71-6 MolWeight: 226 RetIndex: 0

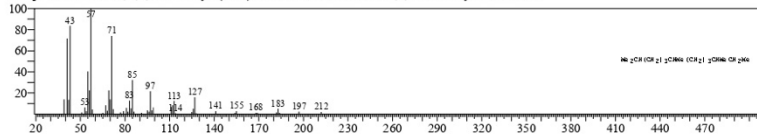
CompName: Dodecanoic acid, ethenyl ester (CAS) Vinyl dodecanoate \$S\$ Vinyl laurate \$S\$ Lauric acid, vinyl ester \$S\$ Dodecanoic acid vinyl ester \$S\$



Hit# 5 Entry: 111415 Library: WILEY7 LIB

SI: 66 Formula: C15 H32 CAS: 3891-98-3 MolWeight: 212 RetIndex: 0

CompName: Dodecane, 2,6,10-trimethyl- (CAS) Farnesane \$S\$ Farnesan \$S\$ 2,6,10-Trimethyldodecane \$S\$



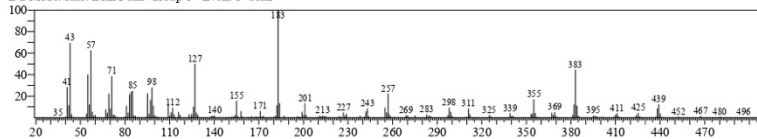
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<< Target >>

Line# 21 R. Time: 22.340(Scan#: 4269) MassPeaks: 357

RawMode: Averaged 22.335-22.345(4268-4270) BasePeak: 183.05(1401476)

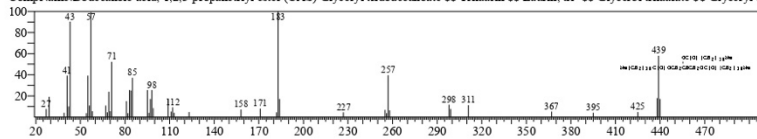
BG Mode: Calc. from Peak Group 1 - Event 1 Scan



Hit# 1 Entry: 331589 Library: WILEY7 LIB

SI: 80 Formula: C<sub>39</sub>H<sub>74</sub>O<sub>6</sub> CAS: 538-24-9 MolWeight: 639 RetIndex: 0

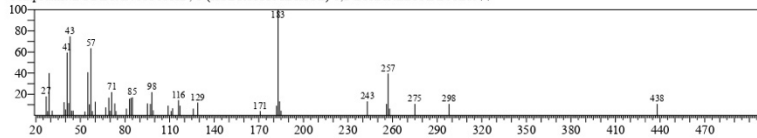
CompName: Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) Glyceryl tri dodecanoate \$\$ Trilaurin \$\$ Laurin, tri- \$\$ Glycerol trilaurate \$\$ Glyceryl tri



Hit# 2 Entry: 306151 Library: WILEY7 LIB

SI: 76 Formula: C<sub>27</sub>H<sub>52</sub>O<sub>5</sub> CAS: 17598-94-6 MolWeight: 456 RetIndex: 0

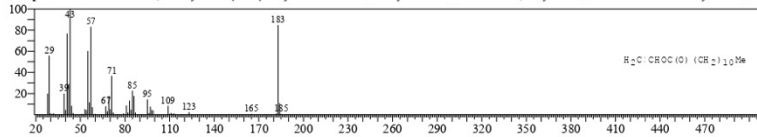
CompName: DODECANOIC ACID, 1-(HYDROXYMETHYL)-1,2-ETHANEDIYL ESTER \$\$



Hit# 3 Entry: 128507 Library: WILEY7 LIB

SI: 69 Formula: C<sub>14</sub>H<sub>26</sub>O<sub>2</sub> CAS: 2146-71-6 MolWeight: 226 RetIndex: 0

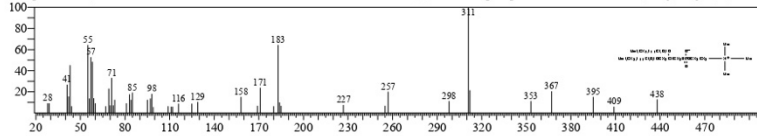
CompName: Dodecanoic acid, ethenyl ester (CAS) Vinyl dodecanoate \$\$ Vinyl laurate \$\$ Lauric acid, vinyl ester \$\$ Dodecanoic acid vinyl ester \$\$



Hit# 4 Entry: 330521 Library: WILEY7 LIB

SI: 69 Formula: C<sub>32</sub>H<sub>64</sub>N<sub>3</sub>O<sub>8</sub>P CAS: 18194-25-7 MolWeight: 621 RetIndex: 0

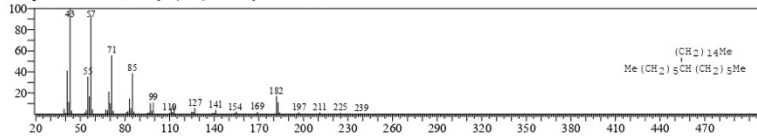
CompName: L-1,2-DILAUROYLGLYCERYLPHOSPHORYLCHOLINE \$\$ 3,5,9-Trioxo-4-phosphaheneicosan-1-aminium, 4-hydroxy-N,N,N-trim



Hit# 5 Entry: 281504 Library: WILEY7 LIB

SI: 68 Formula: C<sub>28</sub>H<sub>58</sub> CAS: 55373-86-9 MolWeight: 394 RetIndex: 0

CompName: Docosane, 7-hexyl- (CAS) 7-n-Hexyldocosane \$\$





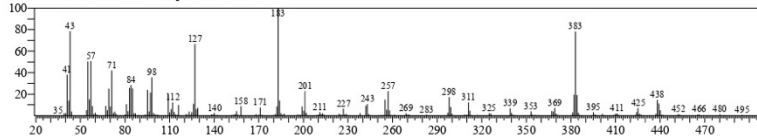
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<< Target >>

Line# 22 R. Time: 22.425 (Scan# 4286) MassPeaks: 334

RawMode: Averaged 22.420-22.430 (4285-4287) BasePeak: 183.05 (1123617)

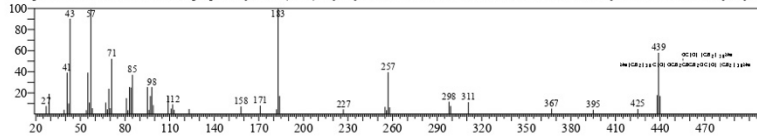
BG Mode: Calc. from Peak Group 1 - Event 1 Scan



Hit# 1 Entry: 331589 Library: WILEY7 LIB

SI: 77 Formula: C<sub>39</sub>H<sub>74</sub>O<sub>6</sub> CAS: 538-24-9 MolWeight: 639 RetIndex: 0

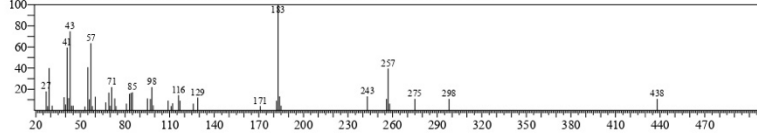
CompName: Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) Glyceryl tridodecanoate \$\$ Trilaurin \$\$ Laurin, tri- \$\$ Glycerol trilaurate \$\$ Glyceryl tri-



Hit# 2 Entry: 306151 Library: WILEY7 LIB

SI: 73 Formula: C<sub>27</sub>H<sub>52</sub>O<sub>5</sub> CAS: 17598-94-6 MolWeight: 456 RetIndex: 0

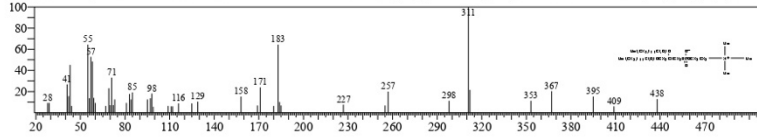
CompName: DODECANOIC ACID, 1-(HYDROXYMETHYL)-1,2-ETHANEDIYL ESTER \$\$



Hit# 3 Entry: 330521 Library: WILEY7 LIB

SI: 67 Formula: C<sub>32</sub>H<sub>64</sub>N<sub>2</sub>O<sub>8</sub>P CAS: 18194-25-7 MolWeight: 621 RetIndex: 0

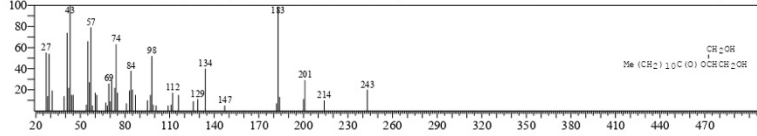
CompName: L-1,2-DILAULOYLGLYCERYLPHOSPHORYLCHOLINE \$\$ 3,5,9-Trioxa-4-phosphaheneicosan-1-aminium, 4-hydroxy-N,N,N-trim-



Hit# 4 Entry: 184641 Library: WILEY7 LIB

SI: 66 Formula: C<sub>15</sub>H<sub>30</sub>O<sub>4</sub> CAS: 1678-45-1 MolWeight: 274 RetIndex: 0

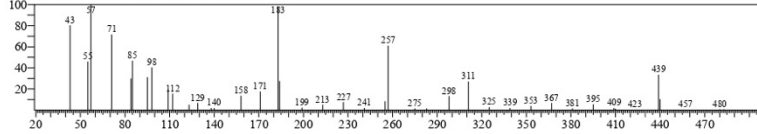
CompName: Dodecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester (CAS) 2-Monolaurin \$\$ Laurin, 2-mono- \$\$ beta-Monolaurin \$\$ Glycerol 2-



Hit# 5 Entry: 336354 Library: WILEY7 LIB

SI: 66 Formula: C<sub>57</sub>H<sub>10</sub>O<sub>6</sub> CAS: 0-00-0 MolWeight: 790 RetIndex: 0

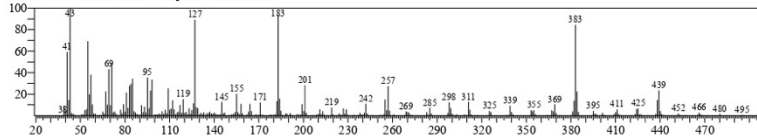
CompName: GLYCERYL TRIDODECANOATE \$\$



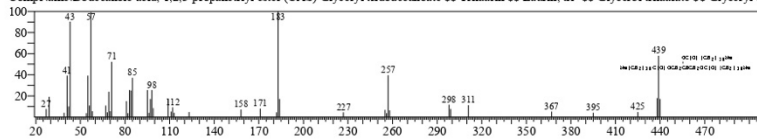
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<< Target >>

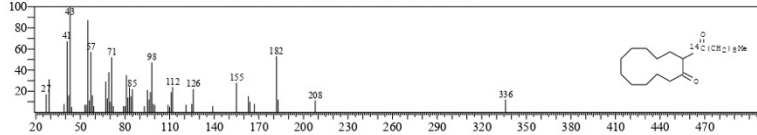
Line# 23 R. Time: 22.510 (Scan#: 4303) MassPeaks: 401  
RawMode: Averaged 22.505-22.515 (4302-4304) BasePeak: 43.00 (943210)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



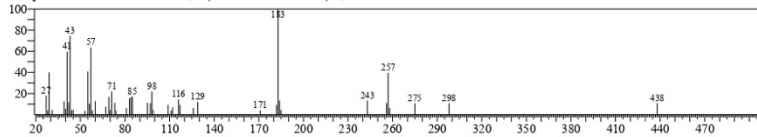
Hit# 1 Entry: 331589 Library: WILEY7 LIB  
SI: 73 Formula: C39 H74 O6 CAS: 5338-24-9 MolWeight: 639 RetIndex: 0  
CompName: Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) Glycerol tri dodecanoate \$\$ Trilaurin \$\$ Laurin, tri- \$\$ Glycerol trilaurate \$\$ Glycerol tri



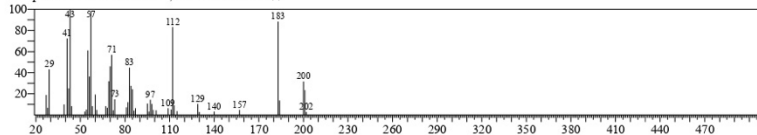
Hit# 2 Entry: 243846 Library: WILEY7 LIB  
SI: 66 Formula: C22 H40 O2 CAS: 29653-08-5 MolWeight: 336 RetIndex: 0  
CompName: 2-DECANOYL CYCLODODECANONE \$\$ Cyclododecanone, 2-decanoyl- \$\$



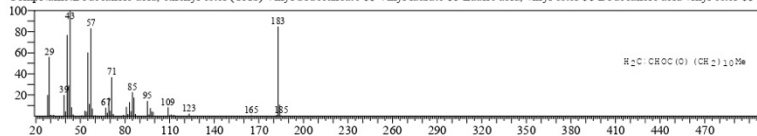
Hit# 3 Entry: 306151 Library: WILEY7 LIB  
SI: 65 Formula: C27 H52 O5 CAS: 17598-94-6 MolWeight: 456 RetIndex: 0  
CompName: DODECANOIC ACID, 1-(HYDROXYMETHYL)-1,2-ETHANEDIYL ESTER \$\$



Hit# 4 Entry: 223030 Library: WILEY7 LIB  
SI: 65 Formula: C20 H40 O2 CAS: 0-00-0 MolWeight: 312 RetIndex: 0  
CompName: LAURINSAEURE, 4-OCTYLESTER \$\$



Hit# 5 Entry: 128507 Library: WILEY7 LIB  
SI: 64 Formula: C14 H26 O2 CAS: 2146-71-6 MolWeight: 226 RetIndex: 0  
CompName: Dodecanoic acid, ethenyl ester (CAS) Vinyl dodecanoate \$\$ Vinyl laurate \$\$ Launic acid, vinyl ester \$\$ Dodecanoic acid vinyl ester \$\$



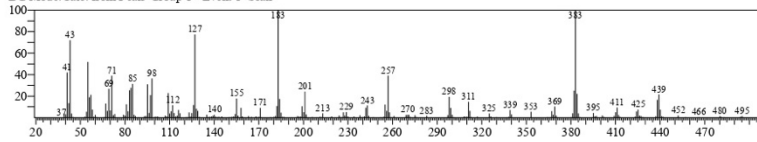
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<< Target >>

Line# 24 R. Time: 22.575 (Scan# 4316) MassPeaks: 357

RawMode Averaged 22.570-22.580 (4315-4317) BasePeak: 183.05 (1261909)

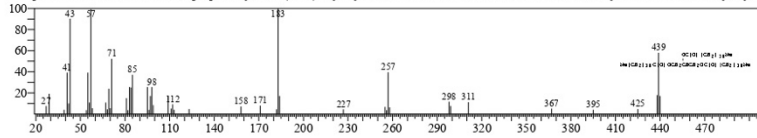
BG Mode Calc. from Peak Group 1 - Event 1 Scan



Hit# 1 Entry: 331589 Library: WILEY7 LIB

SI: 74 Formula: C<sub>39</sub>H<sub>74</sub>O<sub>6</sub> CAS: 538-24-9 MolWeight: 639 RetIndex: 0

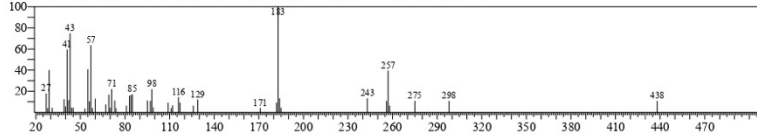
CompName: Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) Glyceryl tridodecanoate \$S\$ Trilaurin \$S\$ Laurin, tri- \$S\$ Glycerol trilaurate \$S\$ Glyceryl tri-



Hit# 2 Entry: 306151 Library: WILEY7 LIB

SI: 68 Formula: C<sub>27</sub>H<sub>52</sub>O<sub>5</sub> CAS: 17598-94-6 MolWeight: 456 RetIndex: 0

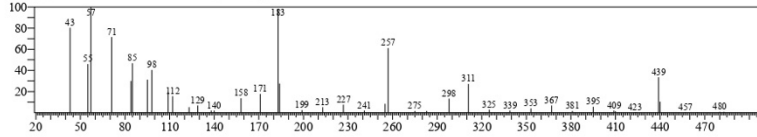
CompName: DODECANOIC ACID, 1-(HYDROXYMETHYL)-1,2-ETHANEDIYL ESTER \$S\$



Hit# 3 Entry: 336354 Library: WILEY7 LIB

SI: 64 Formula: C<sub>57</sub>H<sub>10</sub>O<sub>6</sub> CAS: 0-00-0 MolWeight: 790 RetIndex: 0

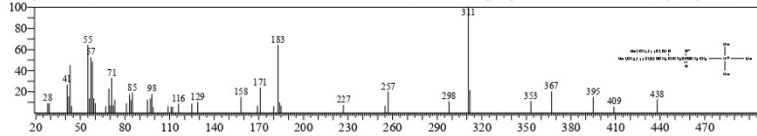
CompName: GLYCERYL TRIDODECANOATE \$S\$



Hit# 4 Entry: 330521 Library: WILEY7 LIB

SI: 62 Formula: C<sub>32</sub>H<sub>64</sub>N<sub>2</sub>O<sub>8</sub>P CAS: 18194-25-7 MolWeight: 621 RetIndex: 0

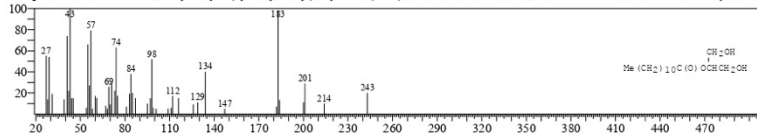
CompName: L-1,3-DILAUROYLGLYCERYLPHOSPHORYLCHOLINE \$S\$ 3,5,9-Trioxa-4-phosphaheneicosan-1-aminium, 4-hydroxy-N,N,N-trim-



Hit# 5 Entry: 184641 Library: WILEY7 LIB

SI: 61 Formula: C<sub>15</sub>H<sub>30</sub>O<sub>4</sub> CAS: 1678-45-1 MolWeight: 274 RetIndex: 0

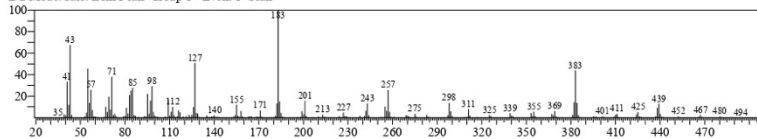
CompName: Dodecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester (CAS) 2-Monolaurin \$S\$ Laurin, 2-mono- \$S\$ beta-Monolaurin \$S\$ Glycerol 2-



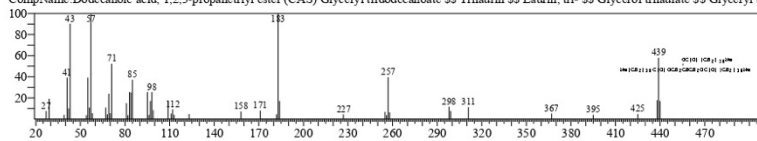
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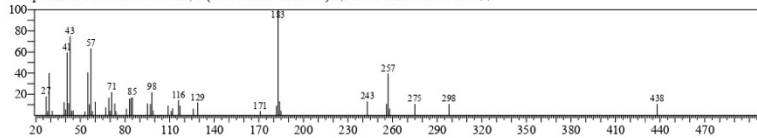
Line# 25 R. Time: 22.830(Scan# 4367) MassPeaks: 367  
RawMode: Averaged 22.825-22.835(4366-4368) BasePeak: 183.05(1777761)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



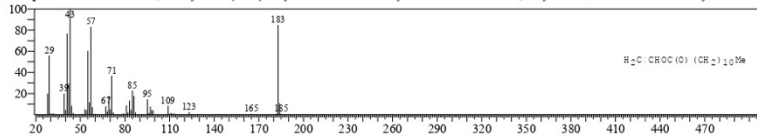
Hit# 1 Entry: 331589 Library: WILEY7 LIB  
SI: 79 Formula: C<sub>39</sub>H<sub>74</sub>O<sub>6</sub> CAS: 538-24-9 MolWeight: 639 RetIndex: 0  
CompName: Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) Glycerol tri dodecanoate \$\$ Trilaurin \$\$ Laurin, tri- \$\$ Glycerol trilaurate \$\$ Glycerol tri



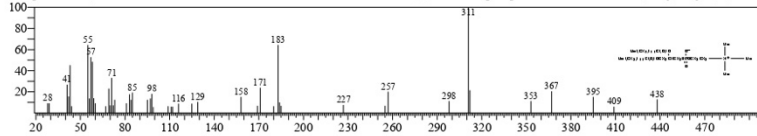
Hit# 2 Entry: 306151 Library: WILEY7 LIB  
SI: 76 Formula: C<sub>27</sub>H<sub>52</sub>O<sub>5</sub> CAS: 17598-94-6 MolWeight: 456 RetIndex: 0  
CompName: DODECANOIC ACID, 1-(HYDROXYMETHYL)-1,2-ETHANEDIYL ESTER \$\$



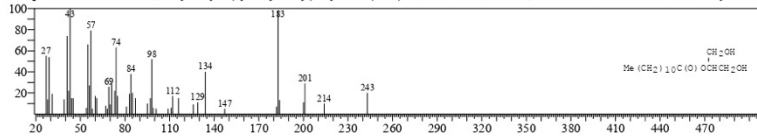
Hit# 3 Entry: 128507 Library: WILEY7 LIB  
SI: 67 Formula: C<sub>14</sub>H<sub>26</sub>O<sub>2</sub> CAS: 2146-71-6 MolWeight: 226 RetIndex: 0  
CompName: Dodecanoic acid, ethenyl ester (CAS) Vinyl dodecanoate \$\$ Vinyl laurate \$\$ Lauric acid, vinyl ester \$\$ Dodecanoic acid vinyl ester \$\$



Hit# 4 Entry: 330521 Library: WILEY7 LIB  
SI: 67 Formula: C<sub>32</sub>H<sub>64</sub>N<sub>2</sub>O<sub>8</sub>P CAS: 18194-25-7 MolWeight: 621 RetIndex: 0  
CompName: L-1,3-DILAULOYLGLYCERYLPHOSPHORYLCHOLINE \$\$ 3,5,9-Trioxa-4-phosphaheneicosan-1-aminium, 4-hydroxy-N,N,N-trim



Hit# 5 Entry: 184641 Library: WILEY7 LIB  
SI: 66 Formula: C<sub>15</sub>H<sub>30</sub>O<sub>4</sub> CAS: 1678-45-1 MolWeight: 274 RetIndex: 0  
CompName: Dodecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester (CAS) 2-Monolaurin \$\$ Laurin, 2-mono- \$\$ beta-Monolaurin \$\$ Glycerol 2-



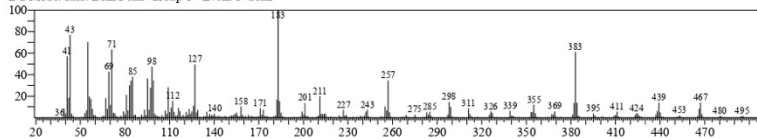
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Line# 26 R. Time: 23.035(Scan# 4408) MassPeaks: 428

RawMode: Averaged 23.030-23.040(4407-4409) BasePeak: 183.05(1275147)

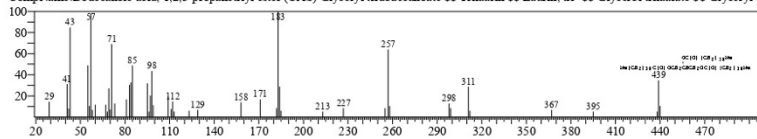
BG Mode Calc. from Peak Group 1 - Event 1 Scan



Hit# 1 Entry: 331588 Library: WILEY7 LIB

SI: 77 Formula: C39 H74 O6 CAS: 538-24-9 MolWeight: 639 RetIndex: 0

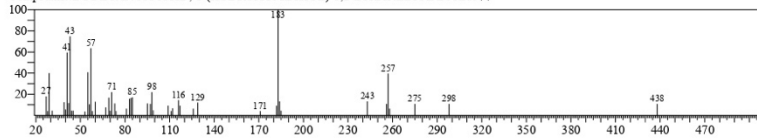
CompName: Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) Glycerol tri dodecanoate \$\$ Trilaurin \$\$ Laurin, tri- \$\$ Glycerol trilaurate \$\$ Glycerol tri



Hit# 2 Entry: 306151 Library: WILEY7 LIB

SI: 69 Formula: C27 H52 O5 CAS: 17598-94-6 MolWeight: 456 RetIndex: 0

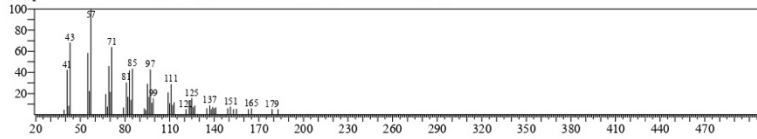
CompName: DODECANOIC ACID, 1-(HYDROXYMETHYL)-1,2-ETHANEDIYL ESTER \$\$



Hit# 3 Entry: 199738 Library: WILEY7 LIB

SI: 68 Formula: C21 H36 CAS: 0-00-0 MolWeight: 288 RetIndex: 0

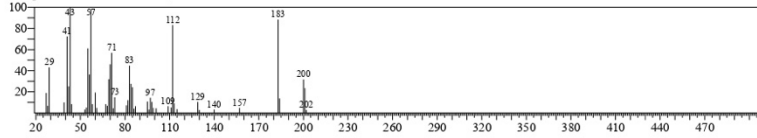
CompName: 14- BETA- H-PREGNA \$\$ 14- BETA- PREGNA \$\$ 14B-PREGNANE \$\$



Hit# 4 Entry: 223030 Library: WILEY7 LIB

SI: 67 Formula: C20 H40 O2 CAS: 0-00-0 MolWeight: 312 RetIndex: 0

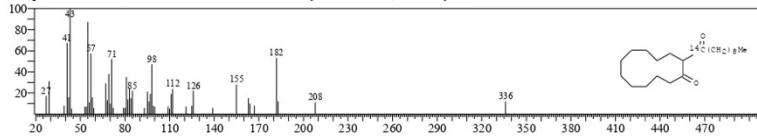
CompName: LAURINSAEURE, 4-OCTYLESTER \$\$



Hit# 5 Entry: 243846 Library: WILEY7 LIB

SI: 67 Formula: C22 H40 O2 CAS: 29653-08-5 MolWeight: 336 RetIndex: 0

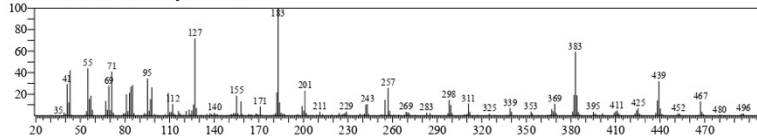
CompName: 2-DECANOYL-CYCLODODECANONE \$\$ Cyclododecanone, 2-decanoyl- \$\$



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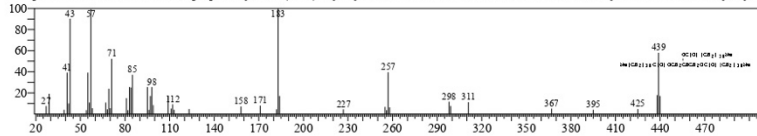
Line# 27 R. Time: 23.565 (Scan# 4514) MassPeaks: 357  
RawMode Averaged 23.560-23.570 (4513-4515) BasePeak: 183.05 (832487)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



Hit# 1 Entry: 331589 Library: WILEY7 LIB

SI: 75 Formula: C<sub>39</sub>H<sub>74</sub>O<sub>6</sub> CAS: 538-24-9 MolWeight: 639 RetIndex: 0

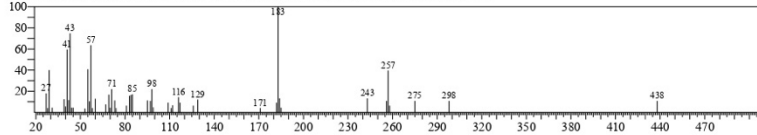
CompName: Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) Glycerol tri dodecanoate \$S\$ Trilaurin \$S\$ Laurin, tri- \$S\$ Glycerol trilaurate \$S\$ Glycerol tri



Hit# 2 Entry: 306151 Library: WILEY7 LIB

SI: 64 Formula: C<sub>27</sub>H<sub>52</sub>O<sub>5</sub> CAS: 17598-94-6 MolWeight: 456 RetIndex: 0

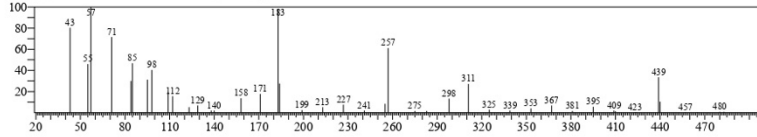
CompName: DODECANOIC ACID, 1-(HYDROXYMETHYL)-1,2-ETHANEDIYL ESTER \$S\$



Hit# 3 Entry: 336354 Library: WILEY7 LIB

SI: 64 Formula: C<sub>57</sub>H<sub>10</sub>O<sub>6</sub> CAS: 0-00-0 MolWeight: 790 RetIndex: 0

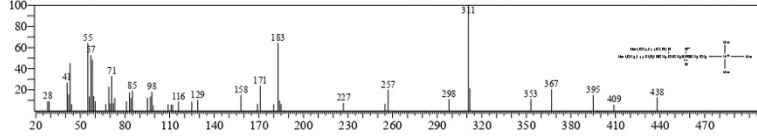
CompName: GLYCERYL TRIDODECANOATE \$S\$



Hit# 4 Entry: 330521 Library: WILEY7 LIB

SI: 62 Formula: C<sub>32</sub>H<sub>64</sub>N<sub>2</sub>O<sub>8</sub>P CAS: 18194-25-7 MolWeight: 621 RetIndex: 0

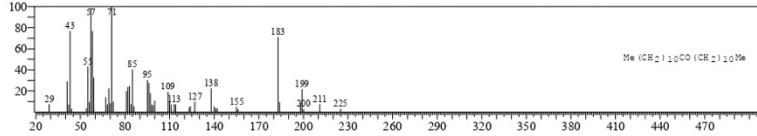
CompName: L-1,3-DILAUROYLGLYCERYLPHOSPHORYLCHOLINE \$S\$ 3,5,9-Trioxo-4-phosphateneicosan-1-aminium, 4-hydroxy-N,N,N-trim



Hit# 5 Entry: 245402 Library: WILEY7 LIB

SI: 59 Formula: C<sub>23</sub>H<sub>46</sub>O CAS: 540-09-0 MolWeight: 338 RetIndex: 0

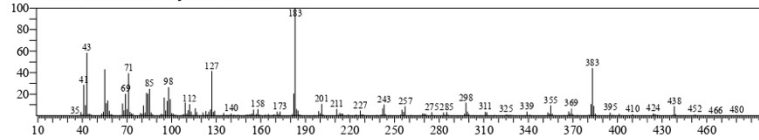
CompName: 12-Tricosanone (CAS) Lauron \$S\$ Laurone \$S\$ Undecyl ketone \$S\$ Diundecyl ketone \$S\$ di-n-Undecyl ketone \$S\$



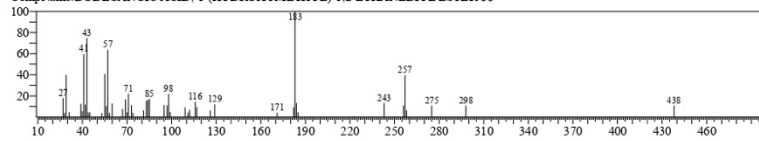
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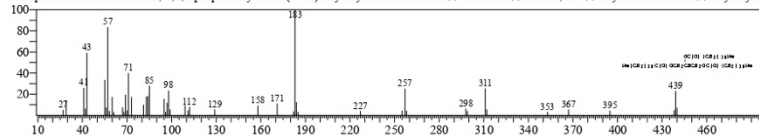
Line# 28 R. Time: 23.755 (Scan#: 4552) MassPeaks: 344  
RawMode Averaged 23.750-23.760 (4551-4553) BasePeak: 183.05 (937397)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



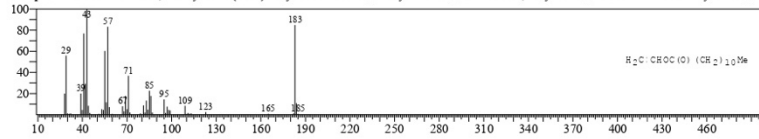
Hit# 1 Entry: 306151 Library: WILEY7 LIB  
SI.75 Formula: C27 H52 O5 CAS: 17598-94-6 MolWeight: 456 RetIndex: 0  
CompName: DODECANOIC ACID, 1-(HYDROXYMETHYL)-1,2-ETHANEDIYL ESTER \$\$



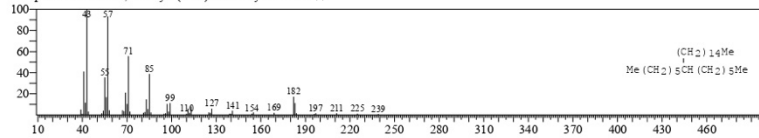
Hit# 2 Entry: 331587 Library: WILEY7 LIB  
SI.74 Formula: C39 H74 O6 CAS: 538-24-9 MolWeight: 639 RetIndex: 0  
CompName: Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) Glycerol tridodecanoate \$\$ Trilaurin \$\$ Laurin, tri- \$\$ Glycerol trilaurate \$\$ Glycerol tri-



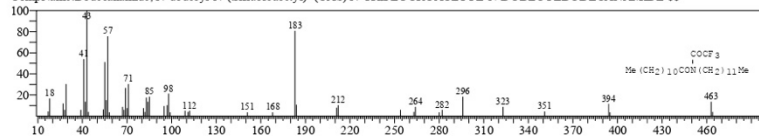
Hit# 3 Entry: 128507 Library: WILEY7 LIB  
SI.70 Formula: C14 H26 O2 CAS: 2146-71-6 MolWeight: 226 RetIndex: 0  
CompName: Dodecanoic acid, ethenyl ester (CAS) Vinyl dodecanoate \$\$ Vinyl laurate \$\$ Lauric acid, vinyl ester \$\$ Dodecanoic acid vinyl ester \$\$



Hit# 4 Entry: 281504 Library: WILEY7 LIB  
SI.68 Formula: C28 H58 CAS: 55373-86-9 MolWeight: 394 RetIndex: 0  
CompName: Docosane, 7-hexyl- (CAS) 7-n-Hexyldocosane \$\$



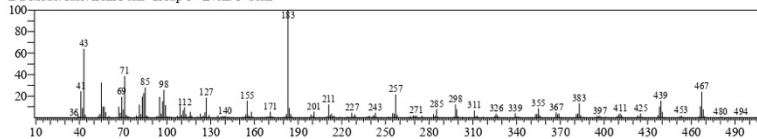
Hit# 5 Entry: 308294 Library: WILEY7 LIB  
SI.67 Formula: C26 H48 F3 N O2 CAS: 33845-35-1 MolWeight: 463 RetIndex: 0  
CompName: Dodecanamide, N-dodecyl-N-(trifluoroacetyl)- (CAS) N-TRIFLUOROACETYL-N-DODECYLDODECANAMIDE \$\$



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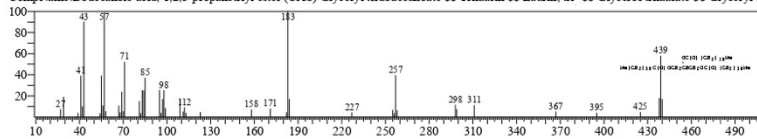
Line# 29 R. Time: 23.955 (Scan# 4592) MassPeaks: 374  
RawMode Averaged 23.950-23.960 (4591-4593) BasePeak: 183.05 (1091179)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



Hit# 1 Entry: 331589 Library: WILEY7 LIB

SI: 81 Formula: C39 H74 O6 CAS: 538-24-9 MolWeight: 639 RetIndex: 0

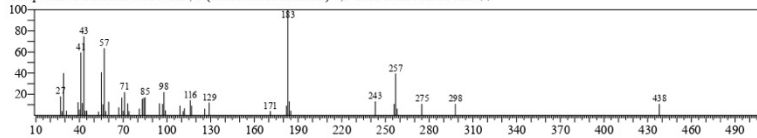
CompName: Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) Glyceryl tridodecanoate \$\$ Trilaurin \$\$ Laurin, tri- \$\$ Glycerol trilaurate \$\$ Glyceryl tri-



Hit# 2 Entry: 306151 Library: WILEY7 LIB

SI: 73 Formula: C27 H52 O5 CAS: 17598-94-6 MolWeight: 456 RetIndex: 0

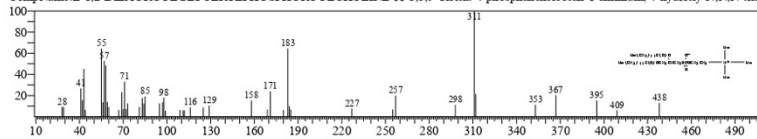
CompName: DODECANOIC ACID, 1-(HYDROXYMETHYL)-1,2-ETHANEDIYL ESTER \$\$



Hit# 3 Entry: 330521 Library: WILEY7 LIB

SI: 70 Formula: C32 H64 N O8 P CAS: 18194-25-7 MolWeight: 621 RetIndex: 0

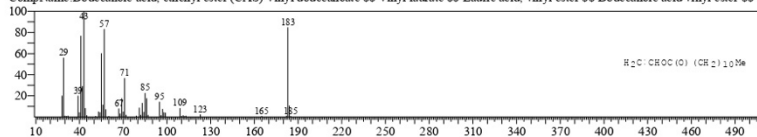
CompName: L-1,2-DILAULOYLGLYCERYLPHOSPHORYLCHOLINE \$\$ 3,5,9-Trioxa-4-phosphaheneicosan-1-aminium, 4-hydroxy-N,N,N-trim-



Hit# 4 Entry: 128507 Library: WILEY7 LIB

SI: 68 Formula: C14 H26 O2 CAS: 2146-71-6 MolWeight: 226 RetIndex: 0

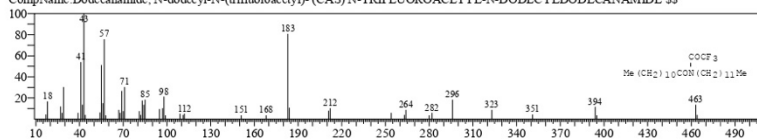
CompName: Dodecanoic acid, ethenyl ester (CAS) Vinyl dodecanoate \$\$ Vinyl laurate \$\$ Lauric acid, vinyl ester \$\$ Dodecanoic acid vinyl ester \$\$



Hit# 5 Entry: 308294 Library: WILEY7 LIB

SI: 67 Formula: C26 H48 F3 N O2 CAS: 33845-35-1 MolWeight: 463 RetIndex: 0

CompName: Dodecanamide, N-dodecyl-N-(trifluoroacetyl)- (CAS) N-TRIFLUOROACETYL-N-DODECYLDODECANAMIDE \$\$

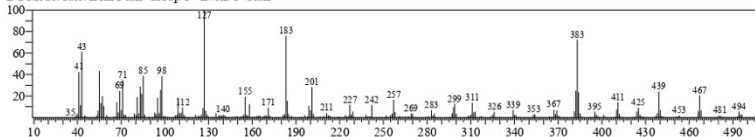




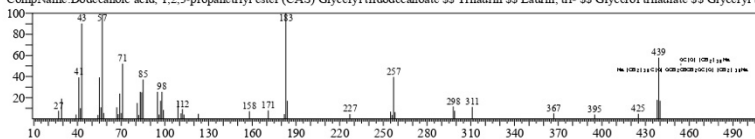
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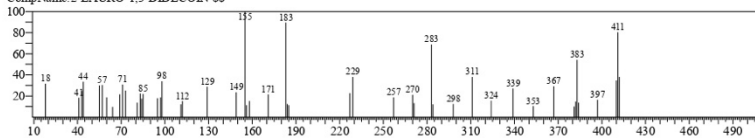
Line# 30 R. Time: 24.270(Scan#: 4655) MassPeaks: 363  
RawMode Averaged 24.265-24.275(4654-4656) BasePeak: 127.05(578832)  
BG Mode Calc. from Peak Group 1 - Event 1 Scan



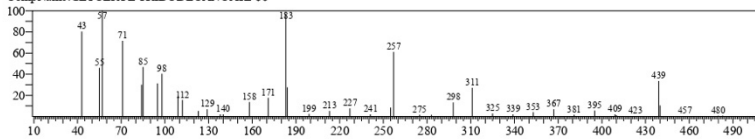
Hit#1 Entry: 331589 Library: WILEY7 LIB  
SI: 70 Formula: C39 H74 O6 CAS: 538-24-9 MolWeight: 639 RetIndex: 0  
CompName: Dodecanoic acid, 1,2,3-propanetriyl ester (CAS) Glycerol tridodecanoate \$S\$ Trilaurin \$S\$ Laurin, tri- \$S\$ Glycerol trilaurate \$S\$ Glycerol tri-



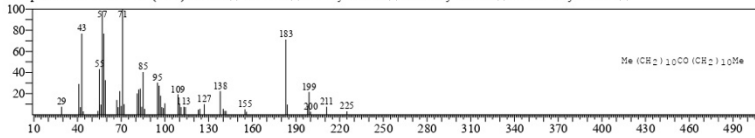
Hit#2 Entry: 327350 Library: WILEY7 LIB  
SI: 61 Formula: C35 H66 O6 CAS: 0-00-0 MolWeight: 582 RetIndex: 0  
CompName: 2-LAURO-1,3-DIDECONIN \$S\$



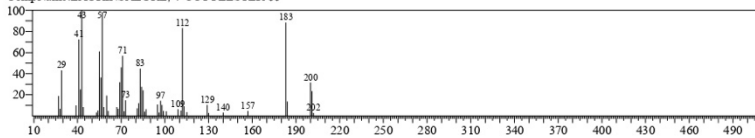
Hit#3 Entry: 336354 Library: WILEY7 LIB  
SI: 60 Formula: C57 H10 O6 CAS: 0-00-0 MolWeight: 790 RetIndex: 0  
CompName: GLYCERYL TRIDODECANOATE \$S\$



Hit#4 Entry: 245402 Library: WILEY7 LIB  
SI: 60 Formula: C23 H46 O CAS: 540-09-0 MolWeight: 338 RetIndex: 0  
CompName: 12-Tricosanone (CAS) Lauron \$S\$ Laurone \$S\$ Undecyl ketone \$S\$ Diundecyl ketone \$S\$ di-n-Undecyl ketone \$S\$



Hit#5 Entry: 223030 Library: WILEY7 LIB  
SI: 60 Formula: C20 H40 O2 CAS: 0-00-0 MolWeight: 312 RetIndex: 0  
CompName: LAURINSAEURE, 4-OCTYLESTER \$S\$



## RIWAYAT HIDUP



Penulis skripsi yang berjudul “ **Karakterisasi Minyak Atsiri Daun Salam (*Syzygium polyanthum*) Asal Pesisir Pulau Laut Utara Kotabaru Kalimantan Selatan**” memiliki nama lengkap Azzam Jah dengan nomor induk SF20011, lahir di Kota Pekanbaru pada tanggal 14 Desember 2002. Penulis merupakan anak 2 dari 4 bersaudara, penulis merupakan anak dari pasangan Jon Aprizal dan Hendra Supanti, kaka penulis bernama Ahmad Syafe’I dan Adik bernama Alam Sari Johan dan Anta Sari Johan. Penulis pertama kali bersekolah di TK...., kemudian melanjutkan Pendidikan sekolah dasar di SDN 5 Guntung Payung (**tahun**). Penulis melanjutkan Pendidikan menengah di SMP IT Qardhan Hasana (**tahun**). Ditahun ..., penulis melanjutkan Pendidikan menengah atasnya di SMK Borneo Lestari (**Tahun**). Dan pada tahun 2020 penulis terdaftar sebagai Mahasiswa aktif di Universitas Borneo Lestari Jurusan S-1 Farmasi, selama menjadi mahasiswa aktif di Universitas Borneo Lestari, penulis pernah menjadi salah satu anggota BEM (Badan Eksekutif Mahasiswa) selama 1 periode. Selama periode berlangsung penulis menjabat sebagai Staf Ahli Dalam Negri.