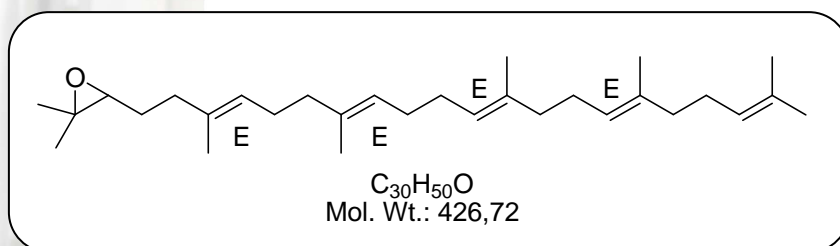


## 2,3-Oxidosqualene (CAS 7200-26-2)

(6E,10E,14E,18E)-2,3-Epoxy-2,6,10,15,19,23-hexamethyl-6,10,14,18,22-tetracosapentaene



### 1. General Information

Formula:  $C_{30}H_{50}O$   
CAS-N°: 7200-26-2  
Molar Mass: 426.72

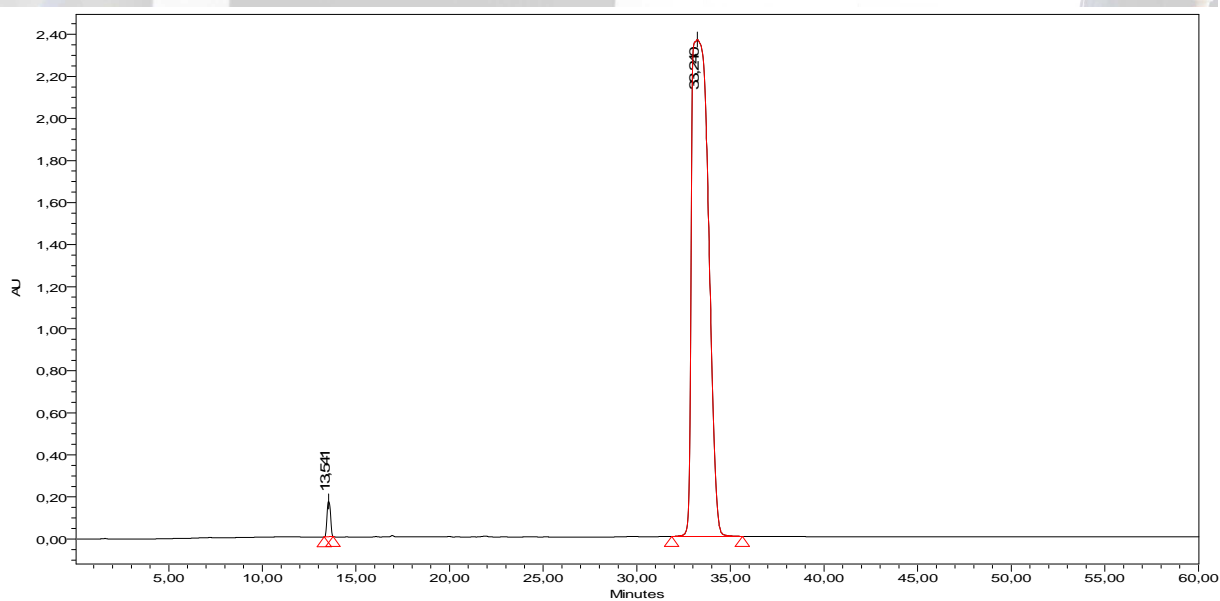
### 2. Analysis

#### LC Conditions:

SunFire C18 5 $\mu$ m; 4.6 x 150 mm Column

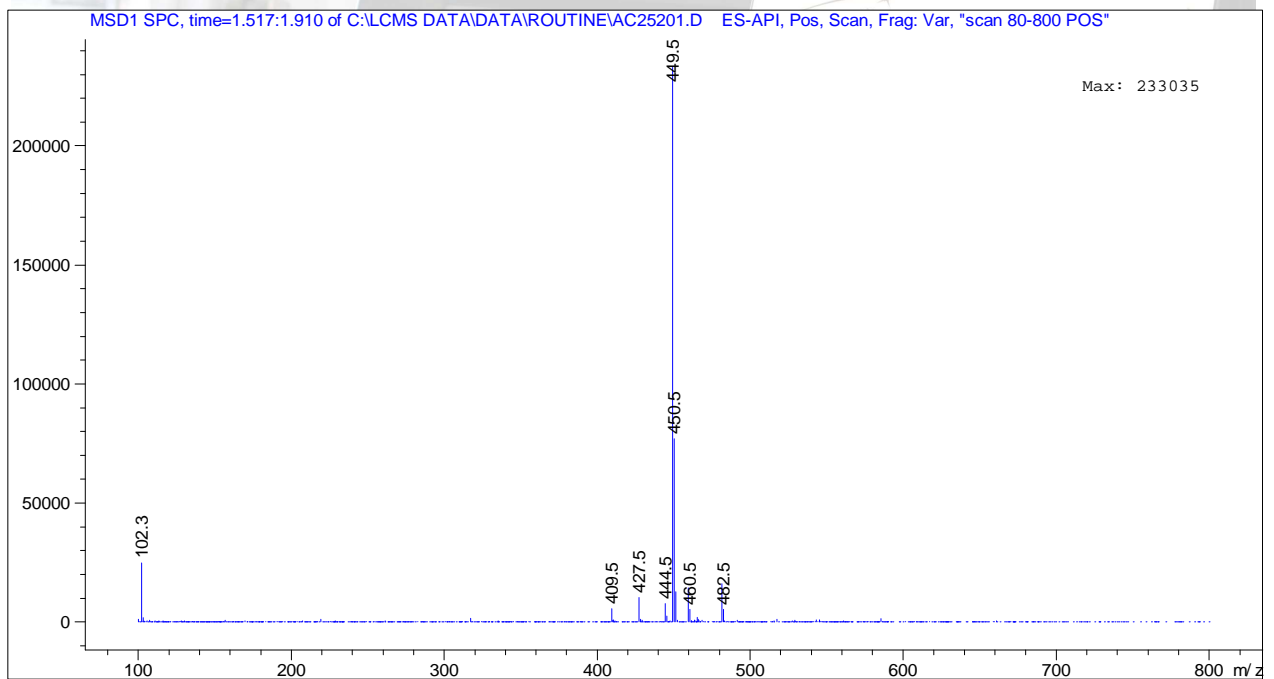
Mobile phase at 1 mL/min 1:1 ACN/H<sub>2</sub>O for 10 min, then increase to 100% ACN up to 15 min and held at this up to 40 min.

$\lambda_{max}$ : 213.2 nm

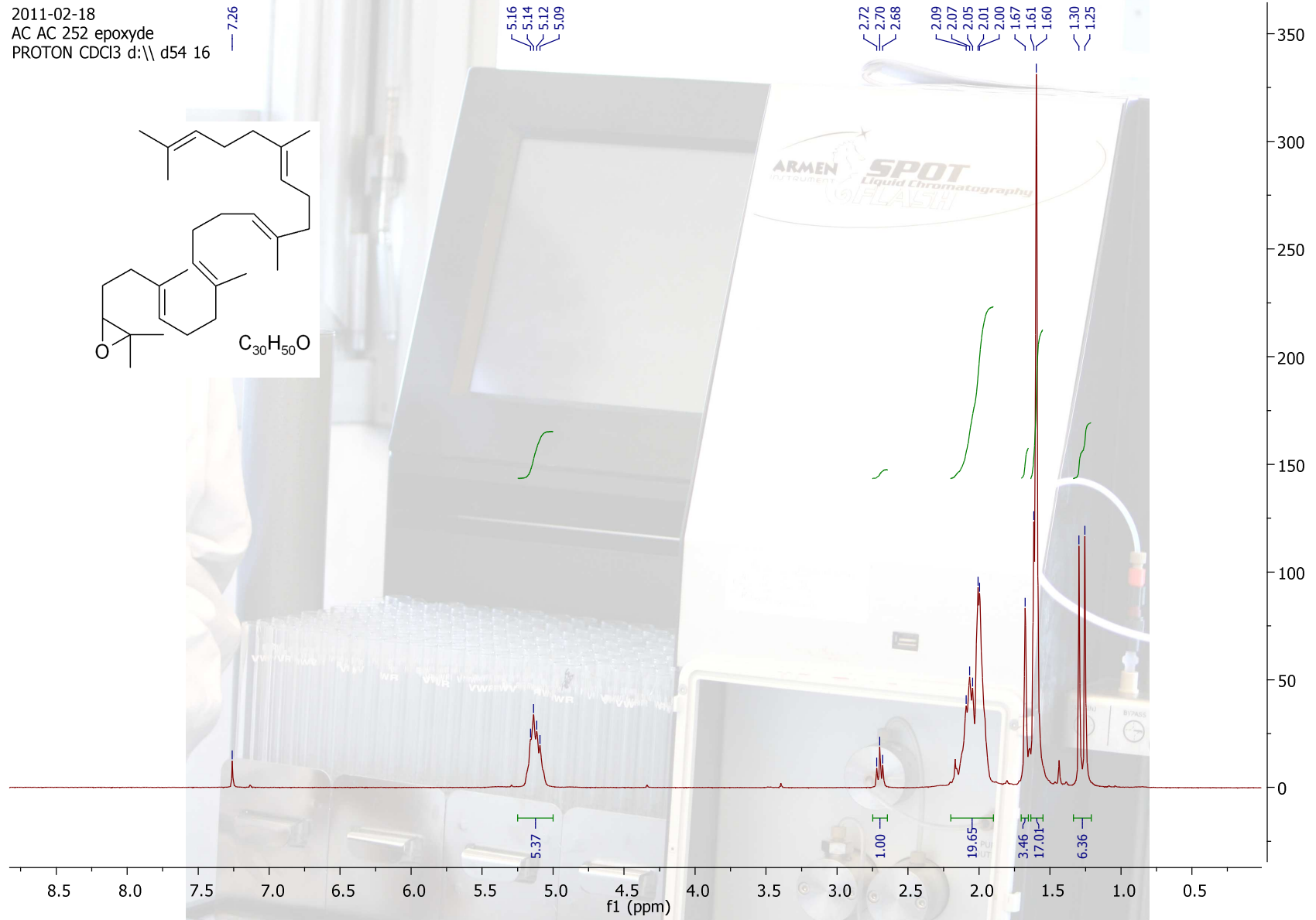
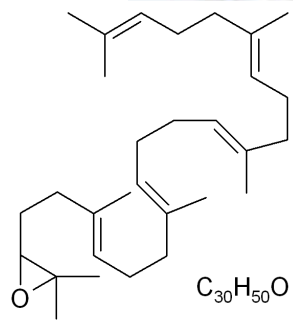


	Name	Retention Time	Area	% Area
1		13,541	2140884	1,42
2		33,240	148281566	98,58

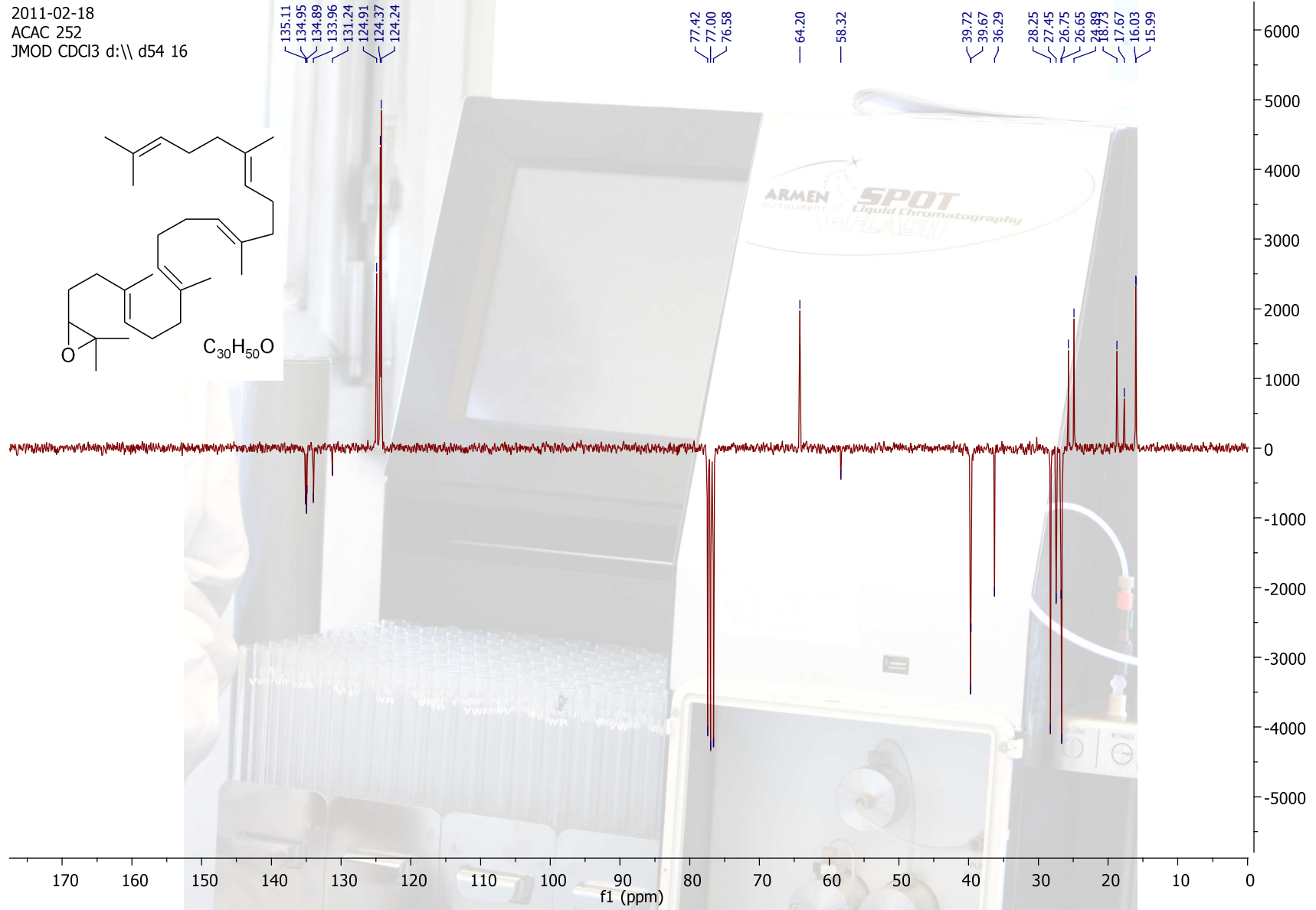
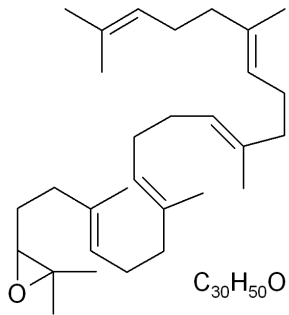
ESI + H<sub>2</sub>O/MeOH 0.2 mL/min. cap. 3000V, frag. 40/80V



2011-02-18  
AC AC 252 epoxyde  
PROTON CDCl3 d:\ d54 16

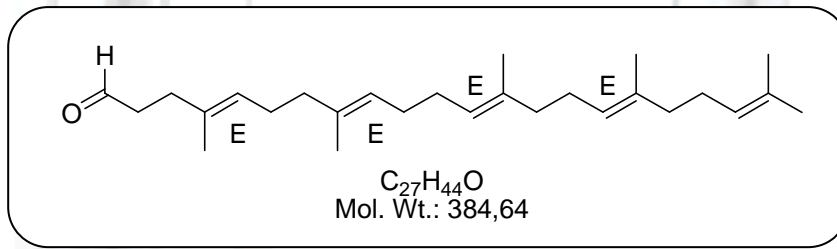


2011-02-18  
ACAC 252  
JMOD CDCI3 d:\ d54 16



# 1,1',2-Tris-nor-squalene aldehyde (CAS 56882-05-4)

4,8,12,16,20-Docosapentaenal,4,8,13,17,21-pentamethyl-,(all-E)



## 1. General Information

Formula:  $C_{27}H_{44}O$

CAS-N°: 56882-05-4

Molar Mass: 384.64

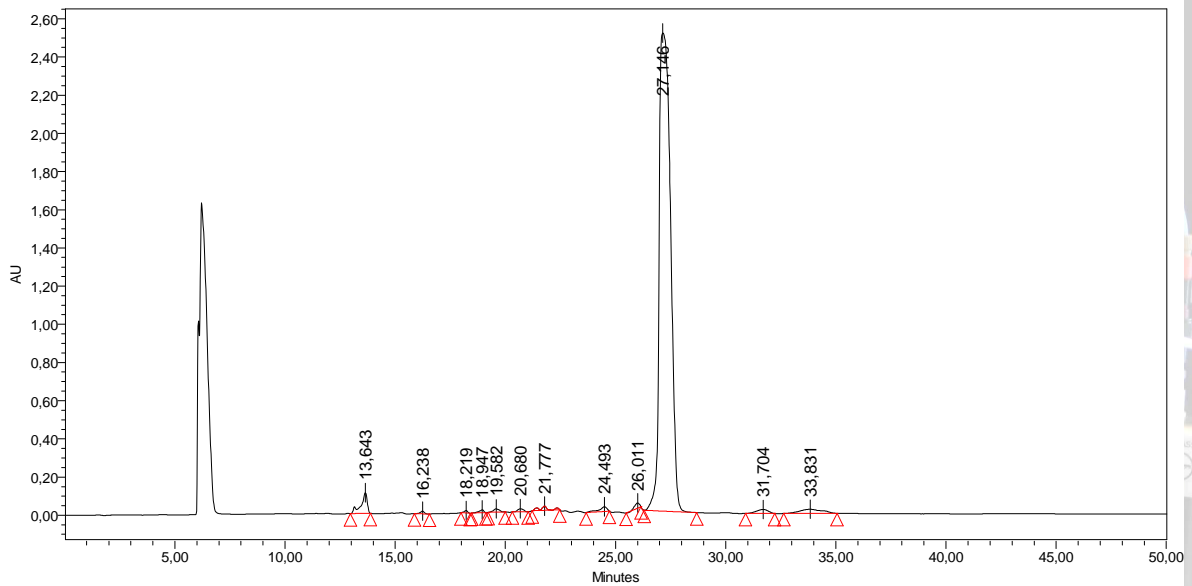
## 2. Analysis

### LC Conditions:

SunFire C18 5 $\mu$ m; 4.6 x 150 mm Column

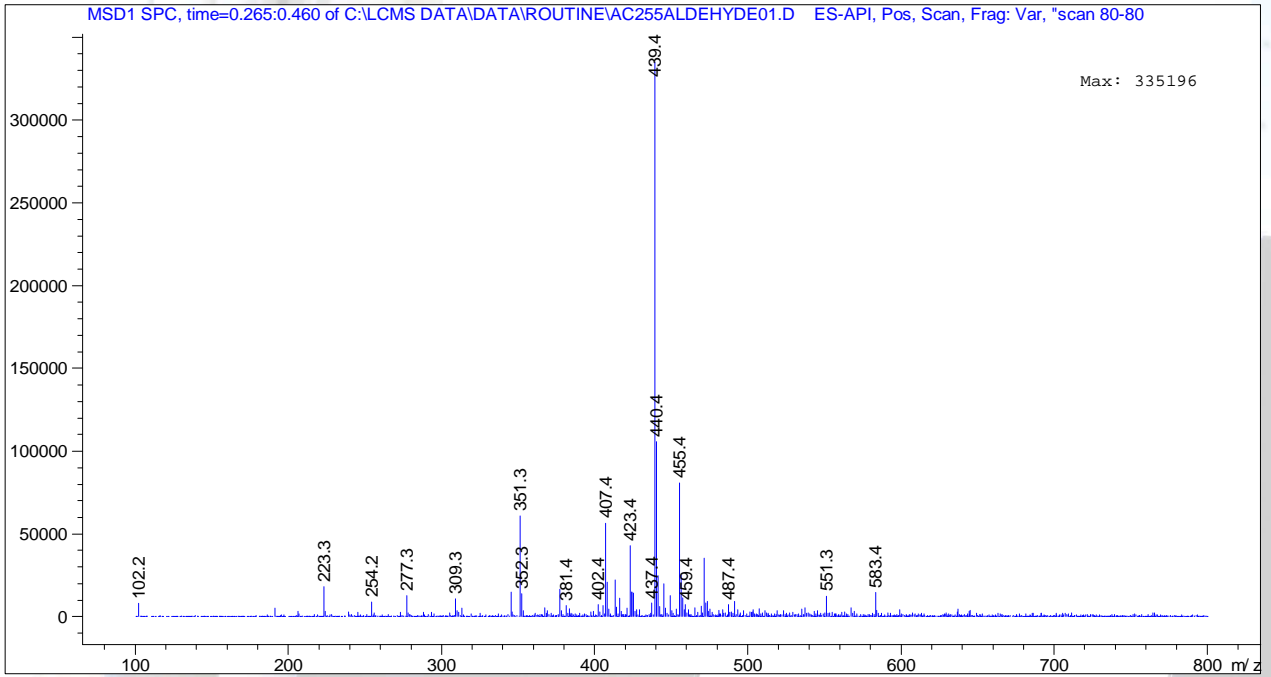
Mobile phase at 1 mL/min 1:1 ACN/H<sub>2</sub>O for 10 min, then increase to 100% ACN up to 15 min and held at this up to 40 min.

$\lambda$ : 218 nm

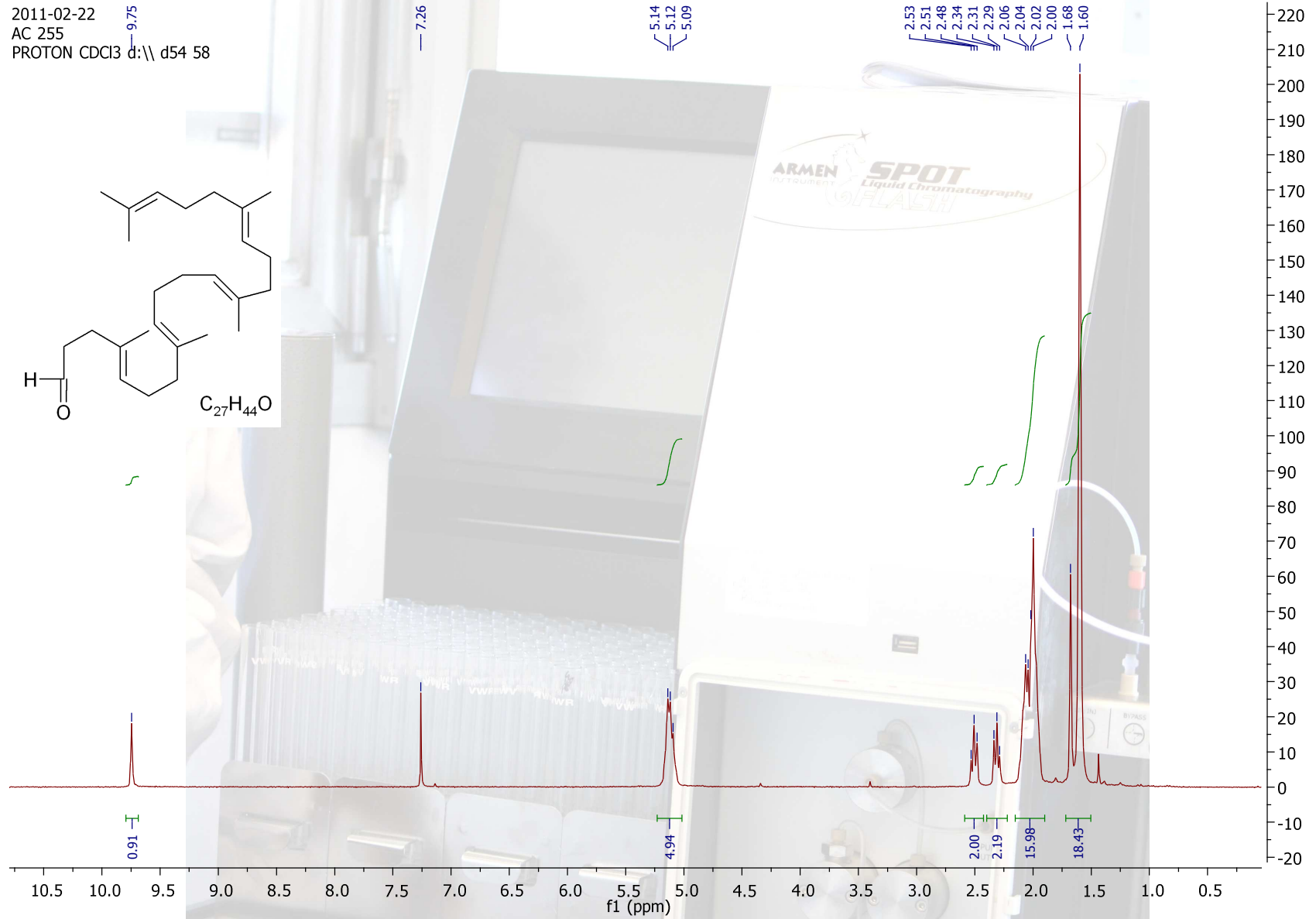
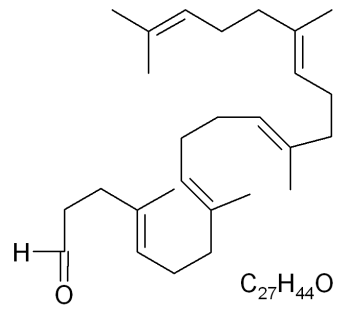


	Name	Retention Time	Area	% Area
1		13,643	2082071	2,18
2		16,238	152254	0,16
3		18,219	159765	0,17
4		18,947	132950	0,14
5		19,582	229854	0,24
6		20,680	198041	0,21
7		21,777	132229	0,14
8		22,345	198859	0,21
9		24,493	495604	0,52
10		26,011	455557	0,48
11		27,146	89229452	93,22
12		31,704	785845	0,82
13		33,831	1471098	1,54

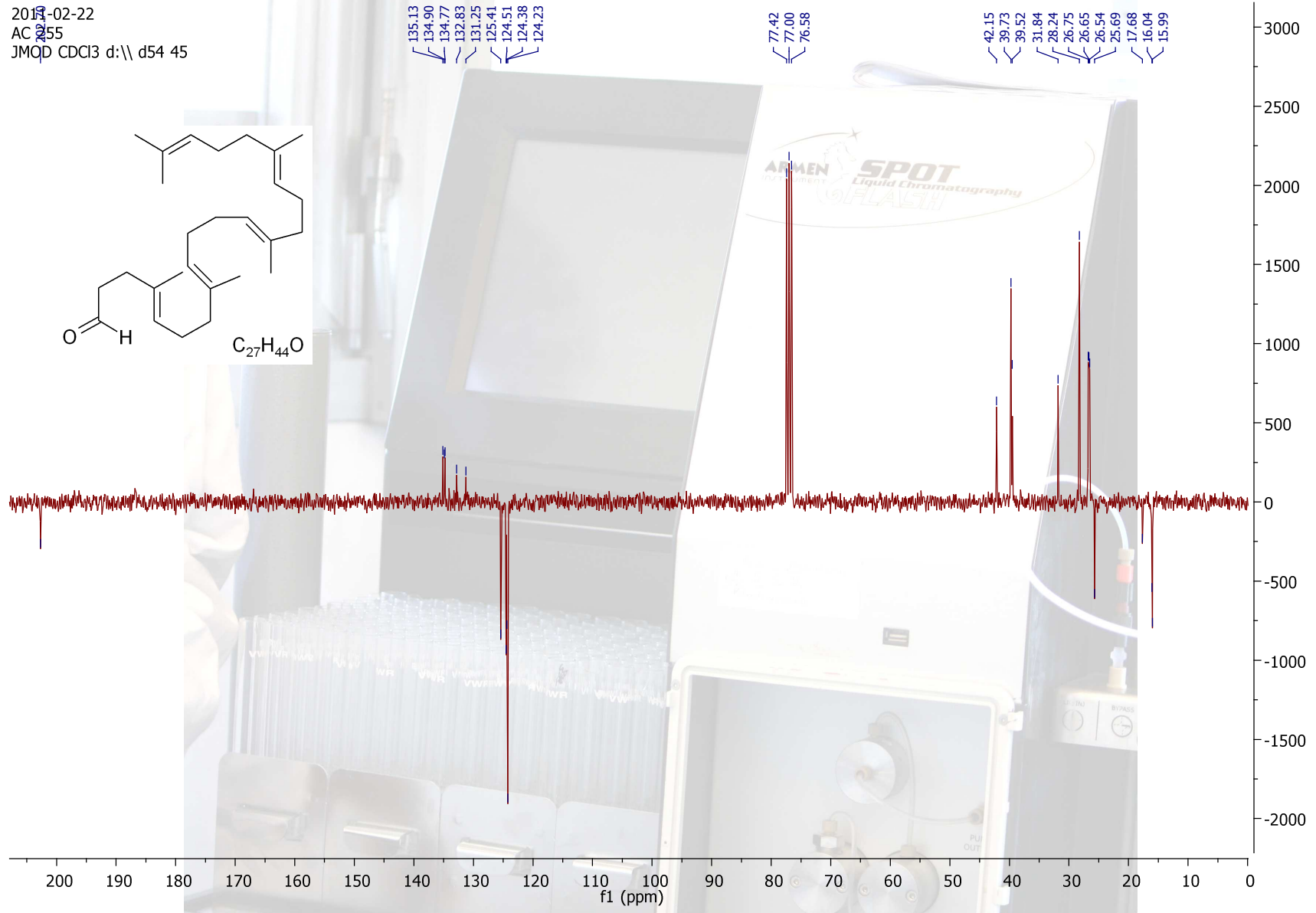
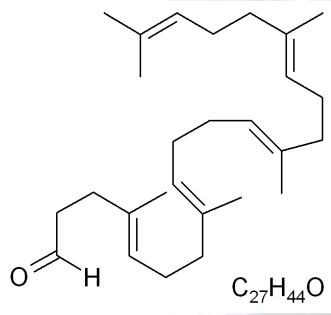
ESI + H<sub>2</sub>O/MeOH 0.2 mL/min. cap. 3000V, frag. 40/80V



2011-02-22  
AC 255  
PROTON CDCl3 d:\ d54 58

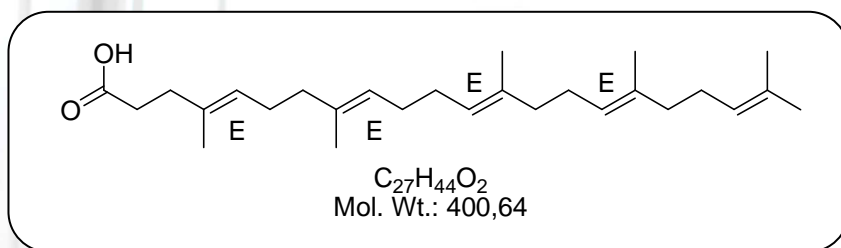


2014-02-22  
AC 255  
JMOD CDCI3 d:\\ d54 45



# 1,1',2-Tris-nor-squalene acid (CAS 56882-00-9)

(4E,8E,12E,16E)-4,8,13,17,21-pentamethyl-4,8,12,16,20-docosapentaenoic acid



## 1. General Information

Formula:  $C_{27}H_{44}O_2$

CAS-N°: 56882-00-9

Molar Mass: 400.64

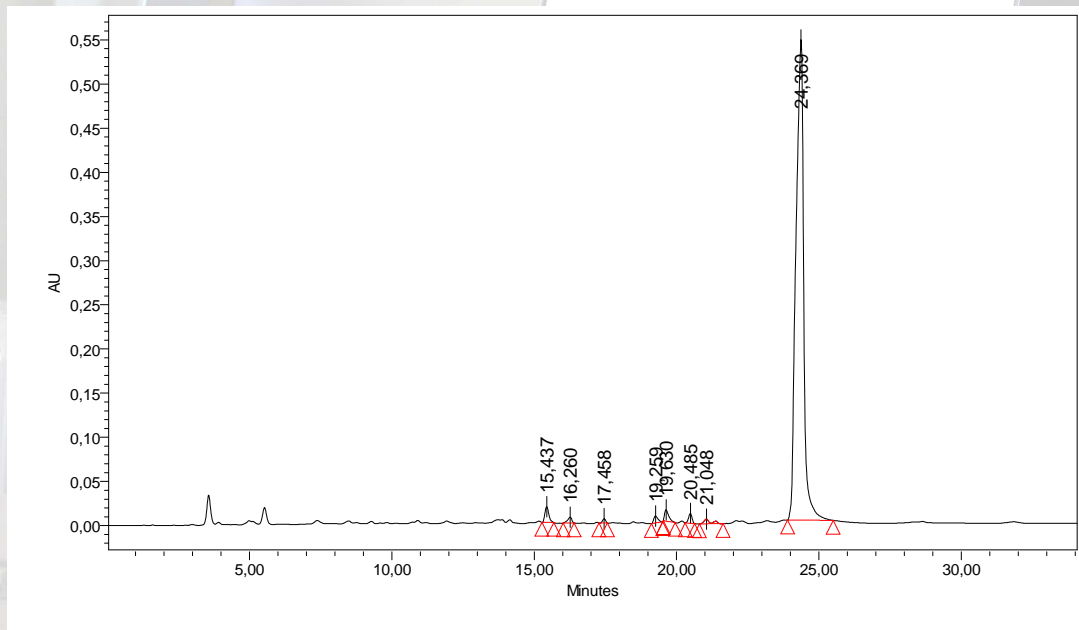
## 2. Analysis

### LC Conditions:

SunFire C18 5 $\mu$ m; 4.6 x 150 mm Column

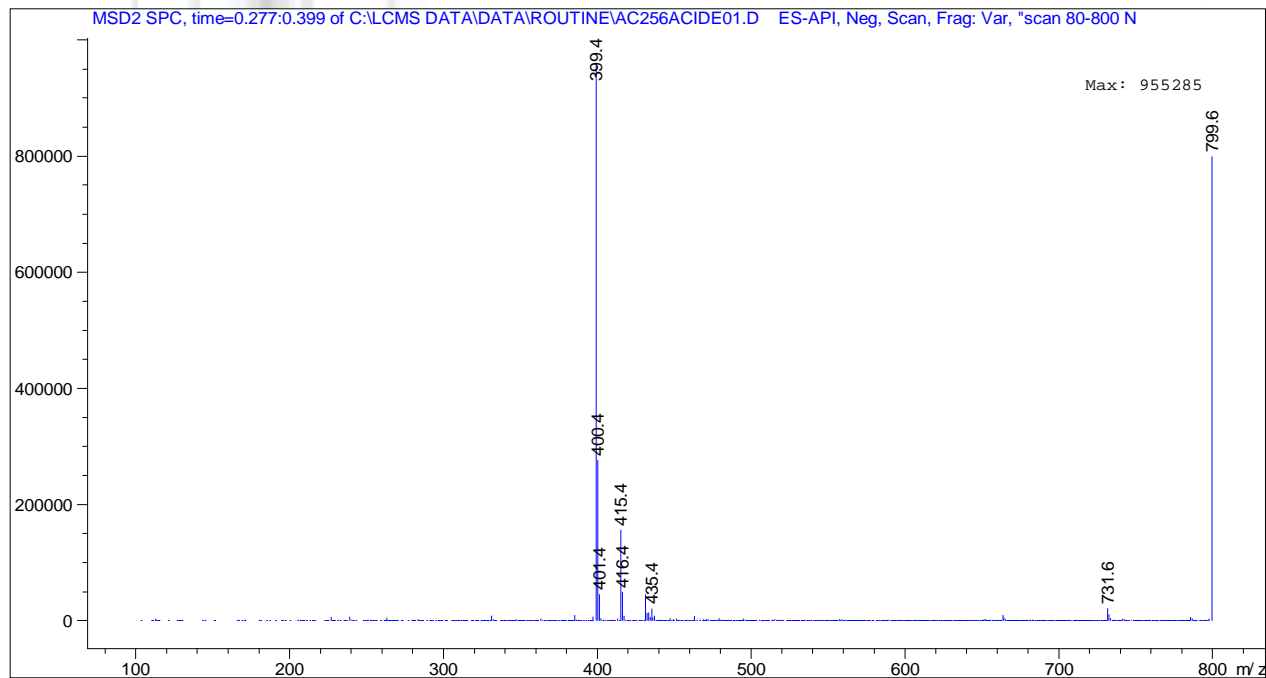
Mobile phase at 1 mL/min 1:1 ACN/H<sub>2</sub>O for 10 min, then increase to 100% ACN up to 15 min and held at this up to 40 min.

$\lambda$ : 225 nm

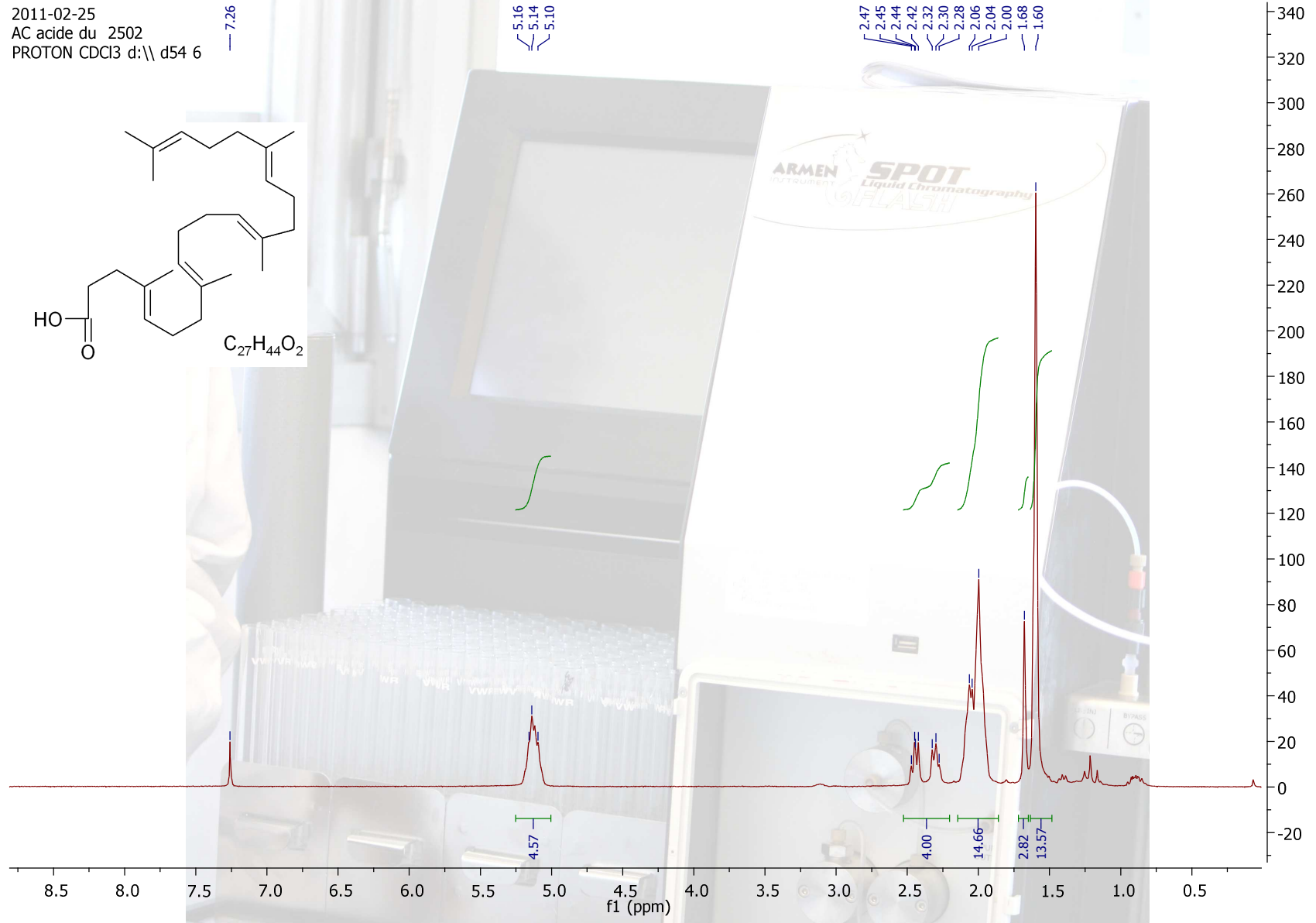
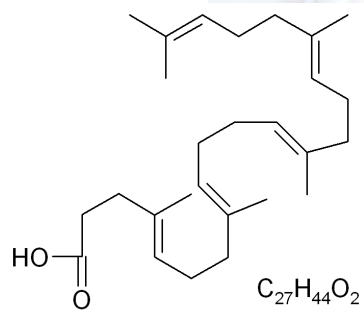


Name	Retention Time	Area	% Area
1	15,437	169275	1,54
2	16,260	66912	0,61
3	17,458	37547	0,34
4	19,259	77554	0,71
5	19,630	128637	1,17
6	20,485	95580	0,87
7	21,048	88809	0,81
8	24,369	10310866	93,95

ESI - H<sub>2</sub>O/MeOH 0.2 mL/min. cap. 3000V, frag. 40/80V



2011-02-25  
AC acide du 2502  
PROTON CDCl3 d:\\ d54 6



2011-02-25  
AC ACIDE du 2502  
JMOD CDCl3 d:\ d54 19

