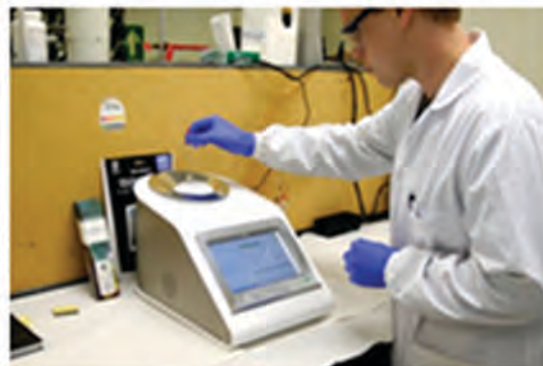




nanalysis

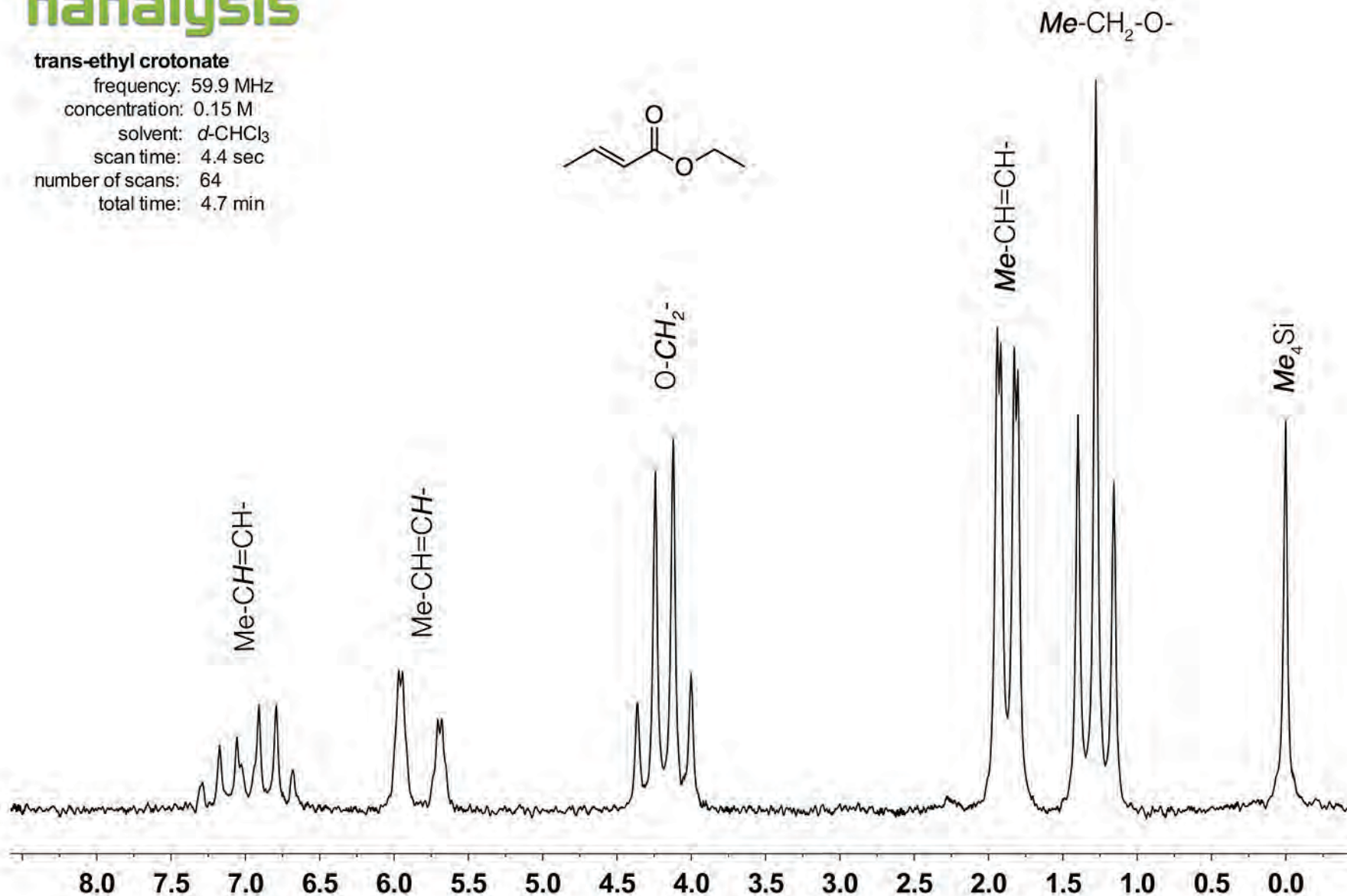
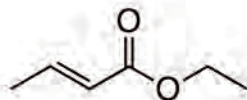
Sample Spectra from the NMReady 60



nanalysis

trans-ethyl crotonate

frequency: 59.9 MHz
concentration: 0.15 M
solvent: *d*-CHCl₃
scan time: 4.4 sec
number of scans: 64
total time: 4.7 min



nanalysis

Biodiesel*

Frequency: 60.18 MHz

Solvent: $d\text{-CHCl}_3$

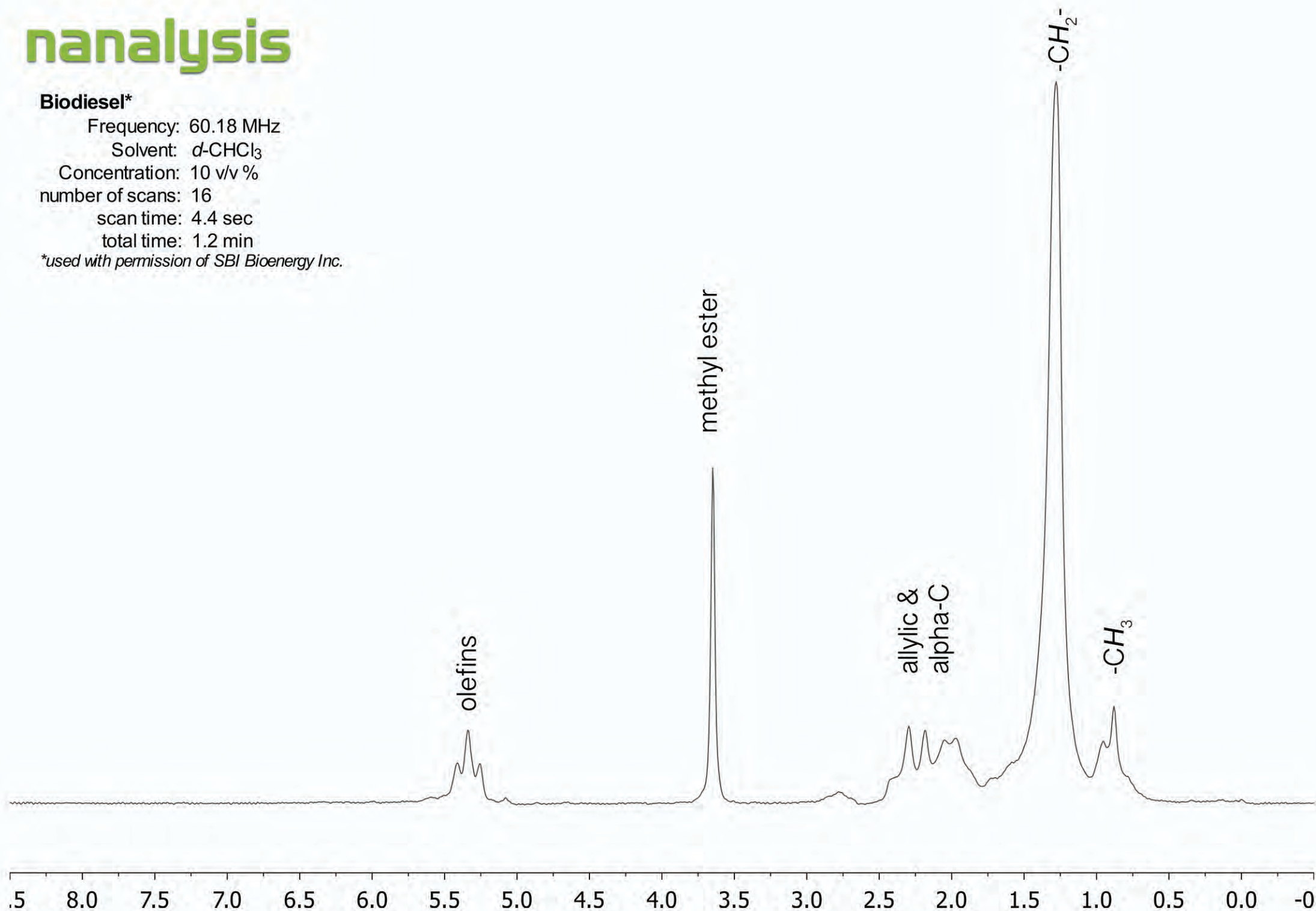
Concentration: 10 v/v %

number of scans: 16

scan time: 4.4 sec

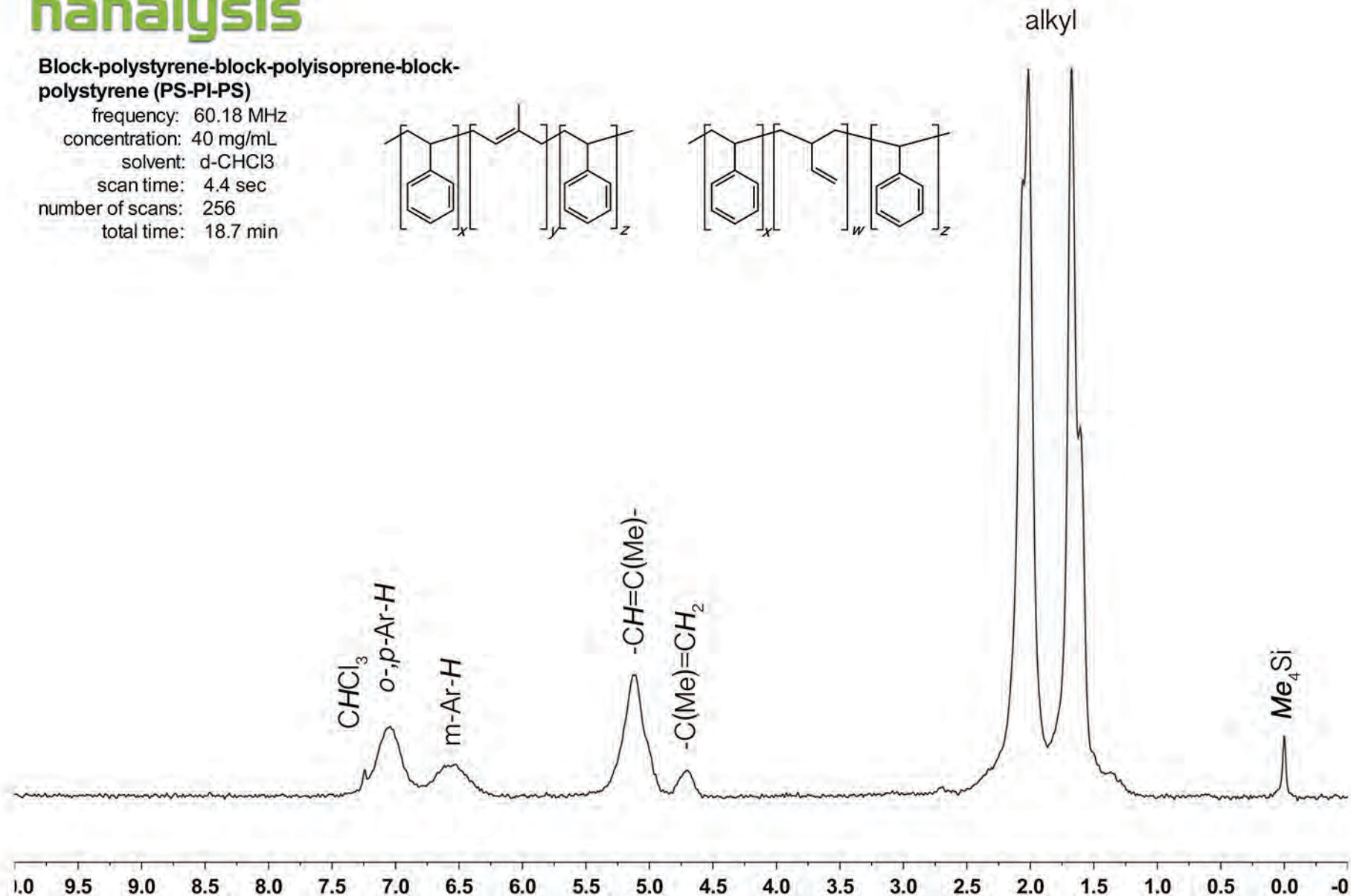
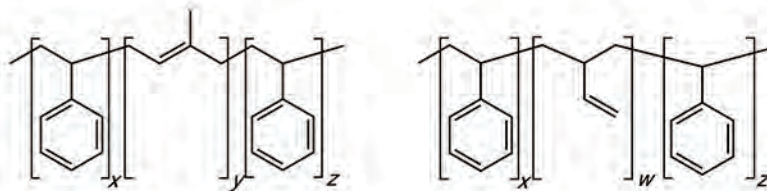
total time: 1.2 min

**used with permission of SBI Bioenergy Inc.*



Block-polystyrene-block-polyisoprene-block-polystyrene (PS-PI-PS)

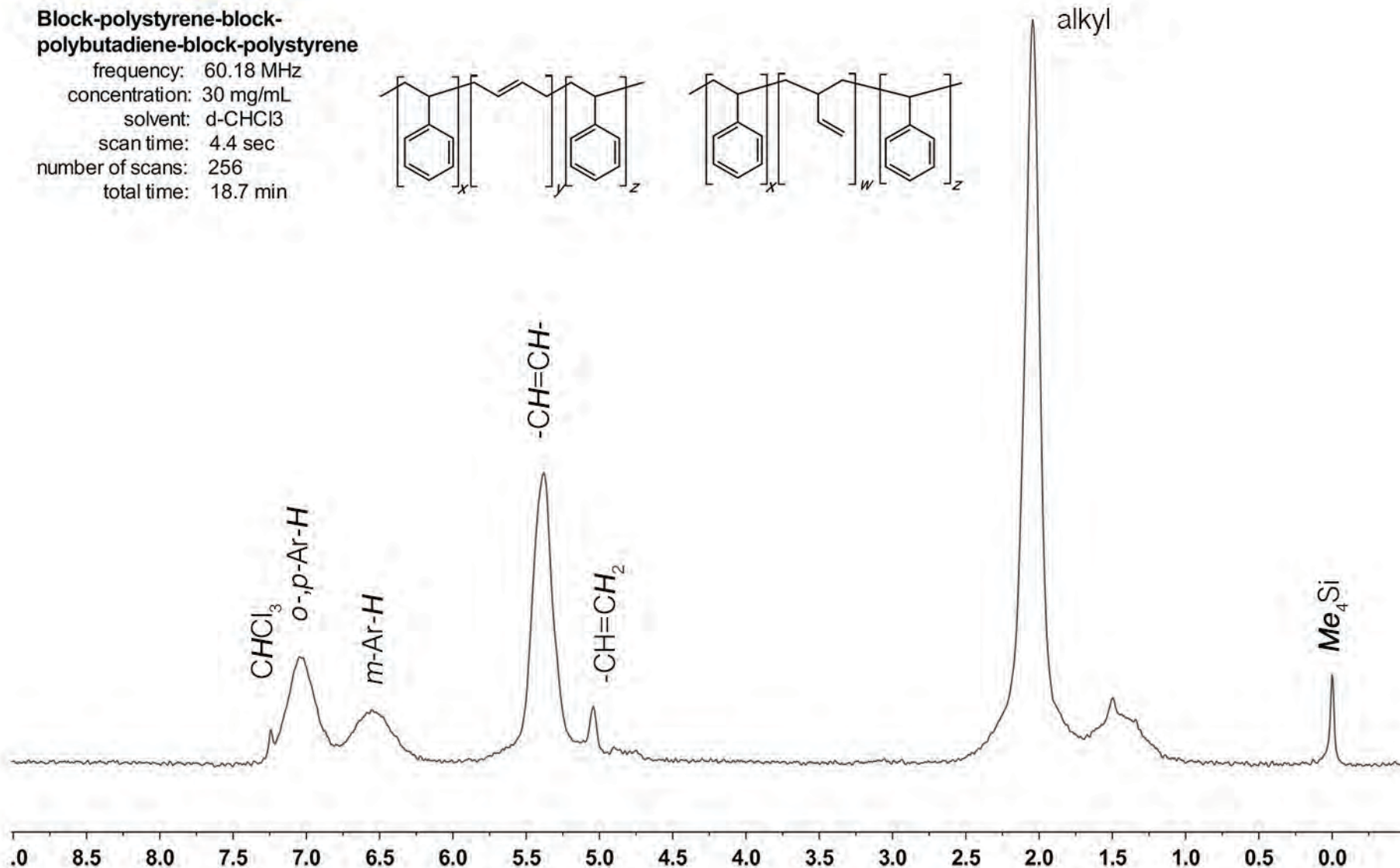
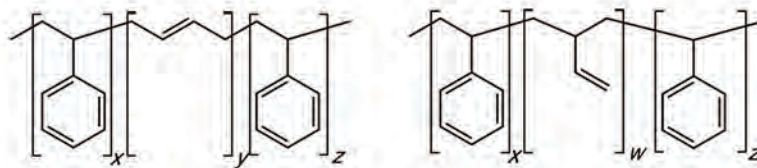
frequency: 60.18 MHz
 concentration: 40 mg/mL
 solvent: d-CHCl₃
 scan time: 4.4 sec
 number of scans: 256
 total time: 18.7 min



nanalysis

Block-polystyrene-block-polybutadiene-block-polystyrene

frequency: 60.18 MHz
concentration: 30 mg/mL
solvent: d-CHCl₃
scan time: 4.4 sec
number of scans: 256
total time: 18.7 min



nanalysis

Free Unsaturated Fatty Acids

Frequency: 60.18 MHz

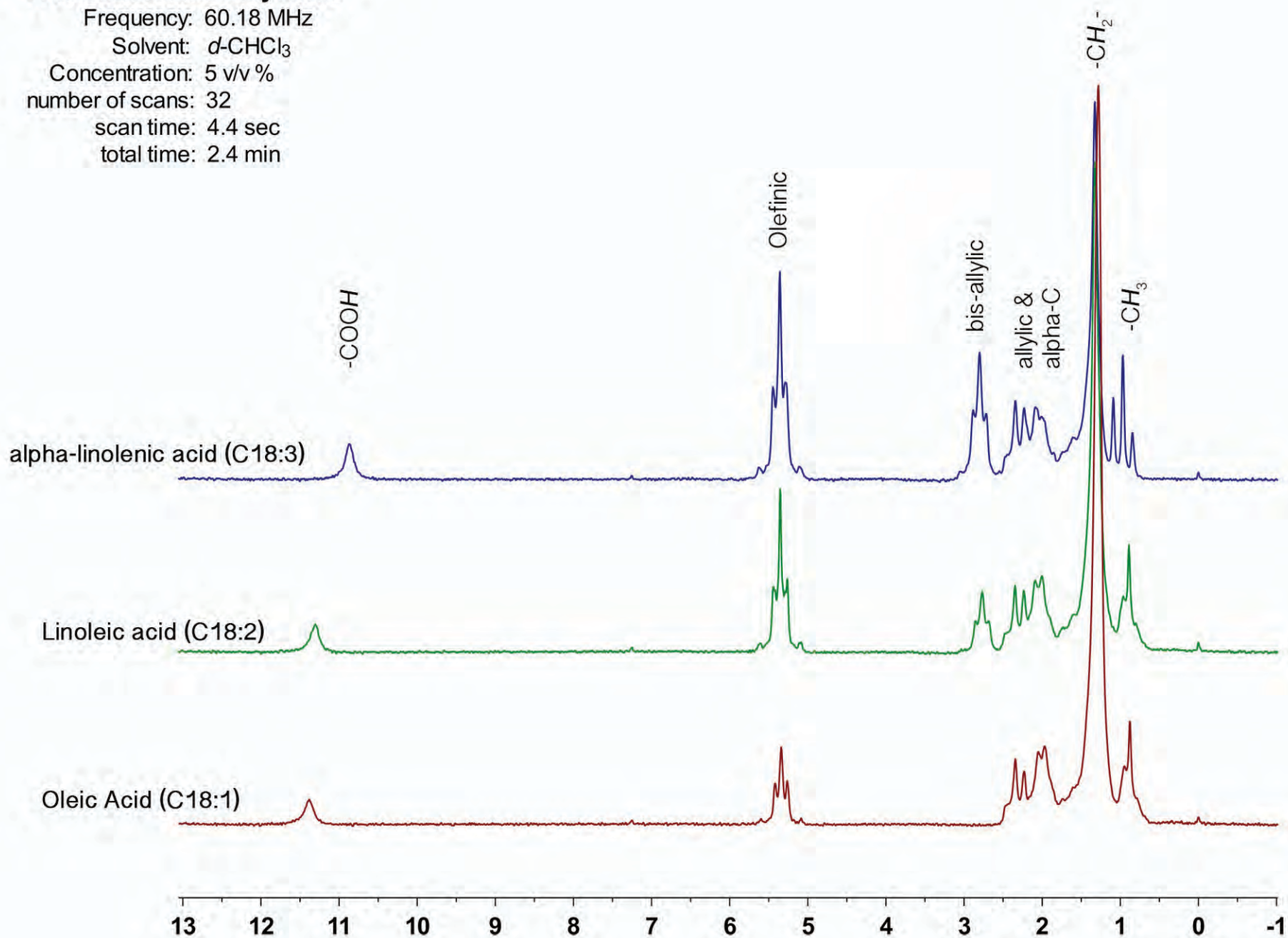
Solvent: *d*-CHCl₃

Concentration: 5 v/v %

number of scans: 32

scan time: 4.4 sec

total time: 2.4 min



nanalysis

Edible Oil Samples

Frequency: 60.18 MHz

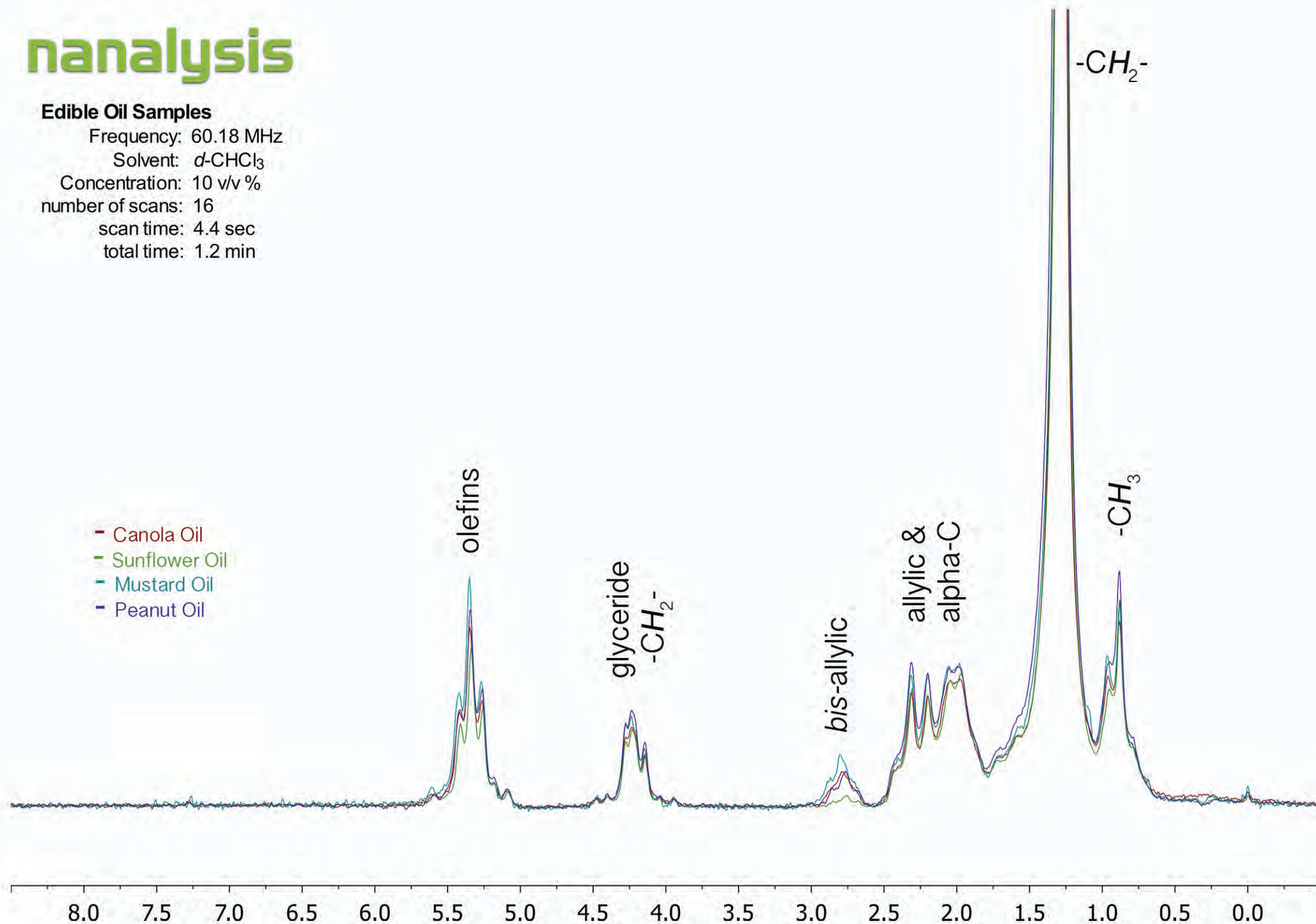
Solvent: $d\text{-CHCl}_3$

Concentration: 10 v/v %

number of scans: 16

scan time: 4.4 sec

total time: 1.2 min



nanalysis

poly(ethylene glycol) methyl ether-block-
poly(D,L lactide)-block-decane

frequency: 60.18 MHz

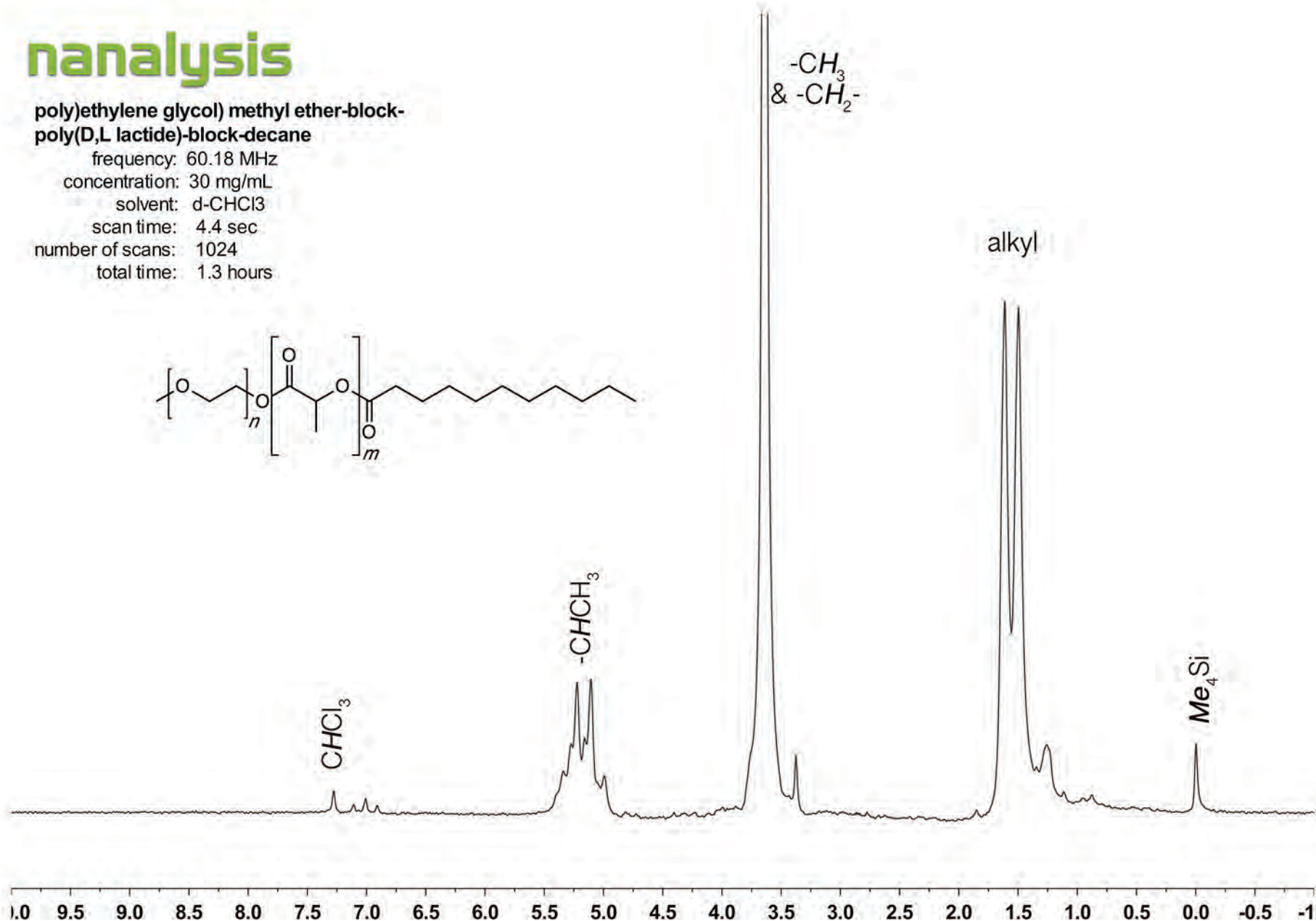
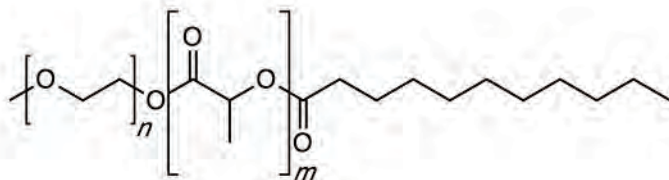
concentration: 30 mg/mL

solvent: d-CHCl₃

scan time: 4.4 sec

number of scans: 1024

total time: 1.3 hours



nanalysis

salicylic acid

Frequency: 60.18 MHz

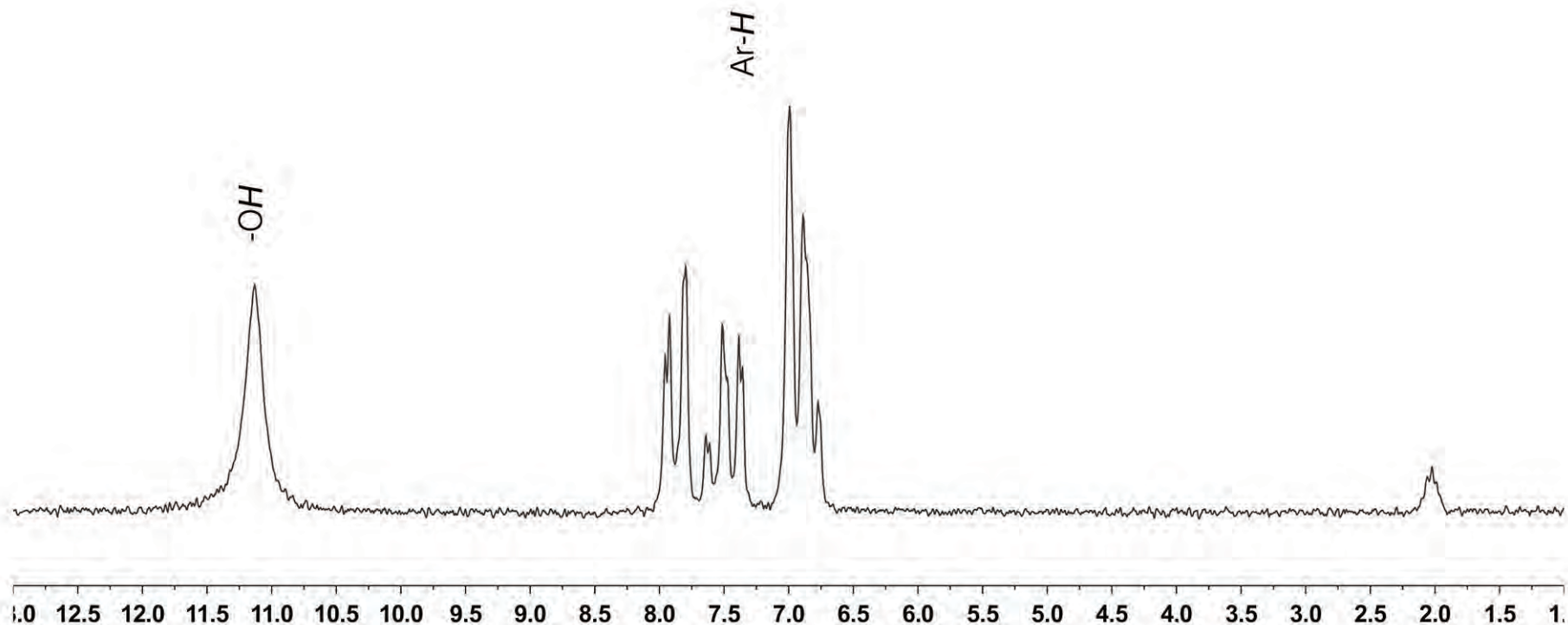
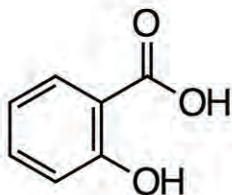
Solvent: d_6 -acetone

Concentration: 0.2 M

number of scans: 32

scan time: 4.4 sec

total time: 2.3 min



nanalysis

isopropanol

Frequency: 60.18 MHz

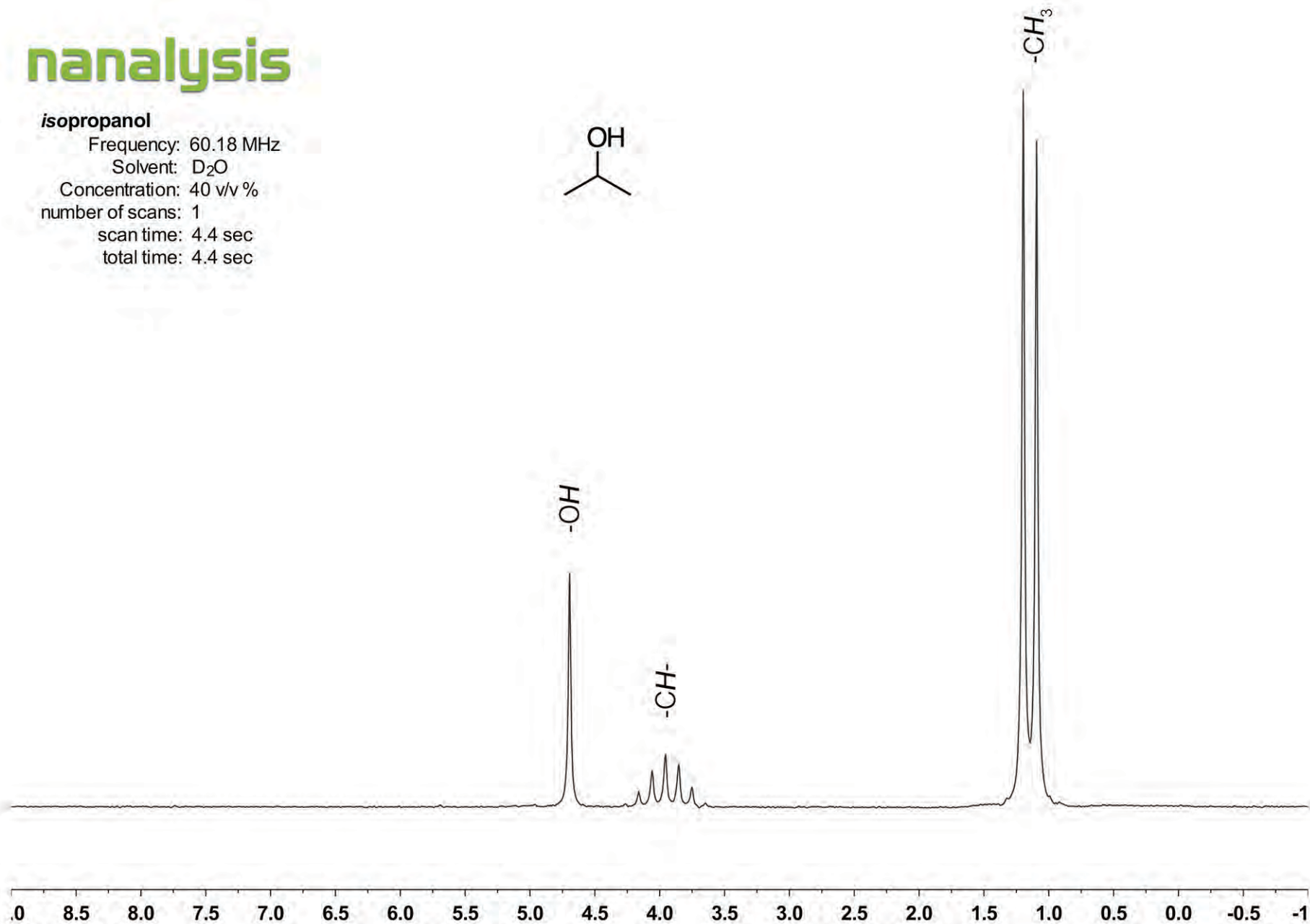
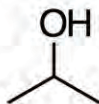
Solvent: D₂O

Concentration: 40 v/v %

number of scans: 1

scan time: 4.4 sec

total time: 4.4 sec



nanalysis

Ibuprofen

frequency: 60.18 MHz

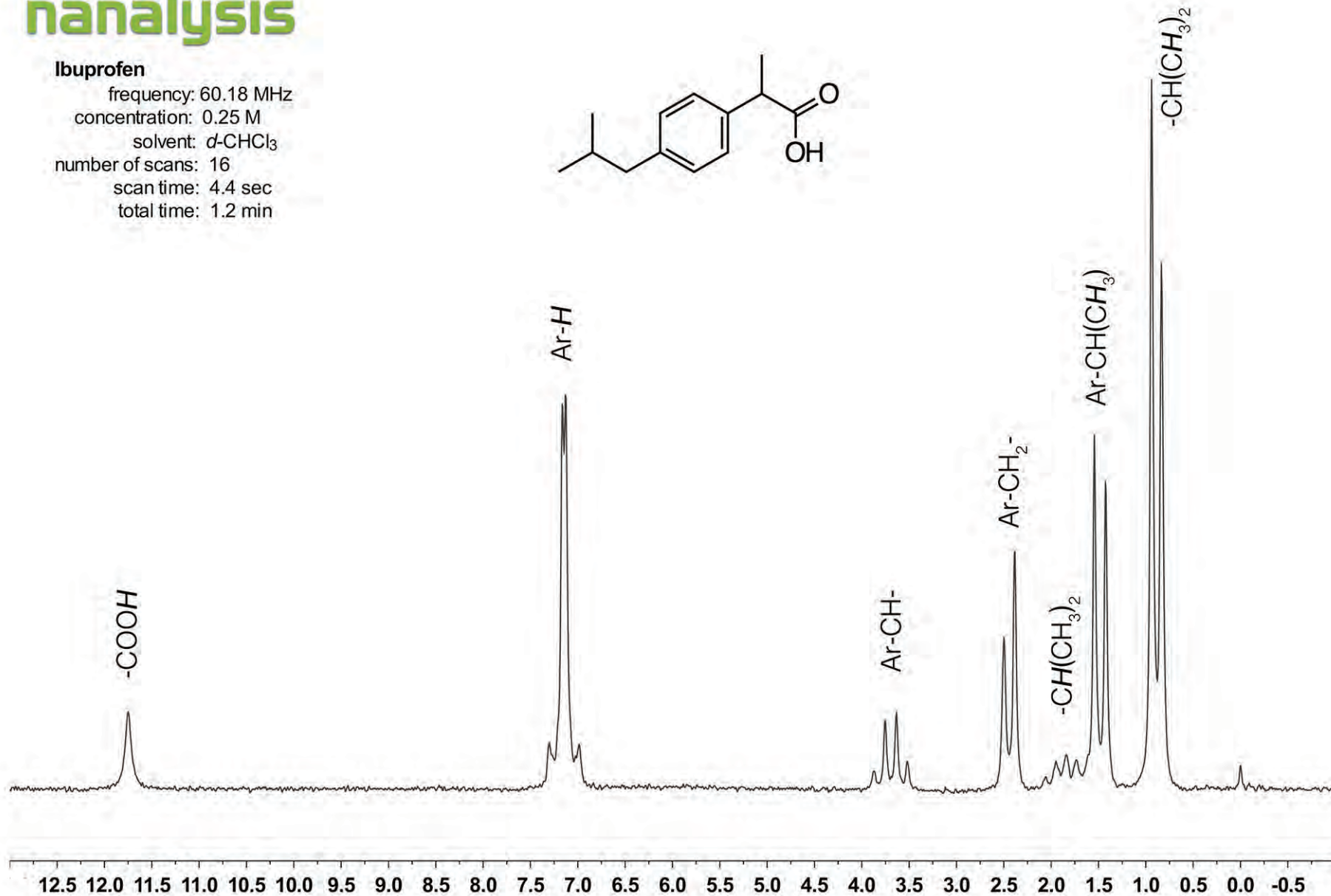
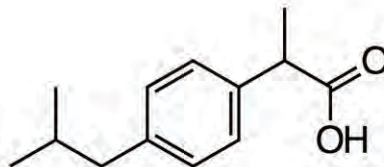
concentration: 0.25 M

solvent: *d*-CHCl₃

number of scans: 16

scan time: 4.4 sec

total time: 1.2 min



nanalysis

ethylbenzene

Frequency: 60.18 MHz

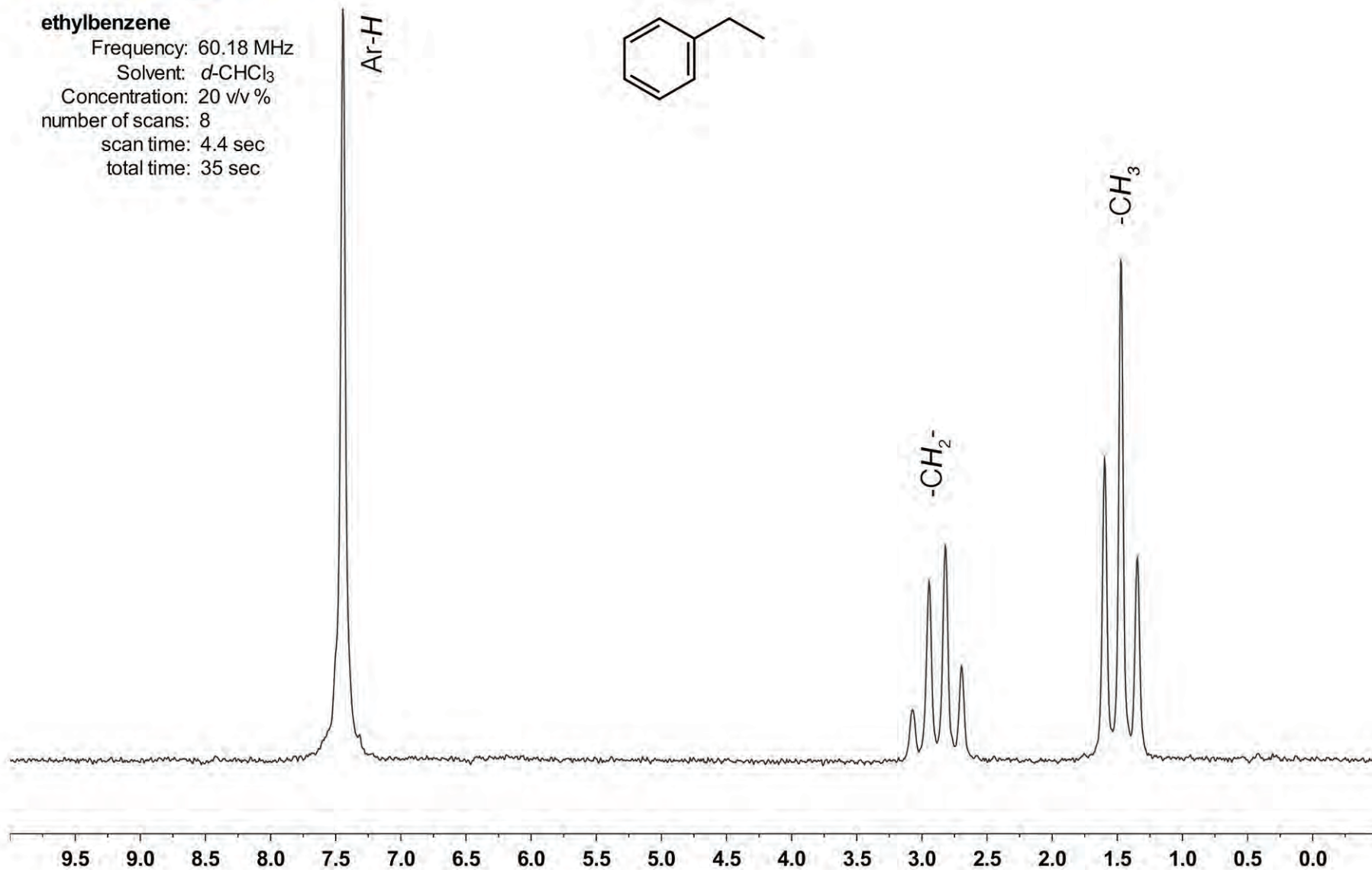
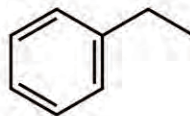
Solvent: d -CHCl₃

Concentration: 20 v/v %

number of scans: 8

scan time: 4.4 sec

total time: 35 sec



diethyl phthalate

Frequency: 60.18 MHz

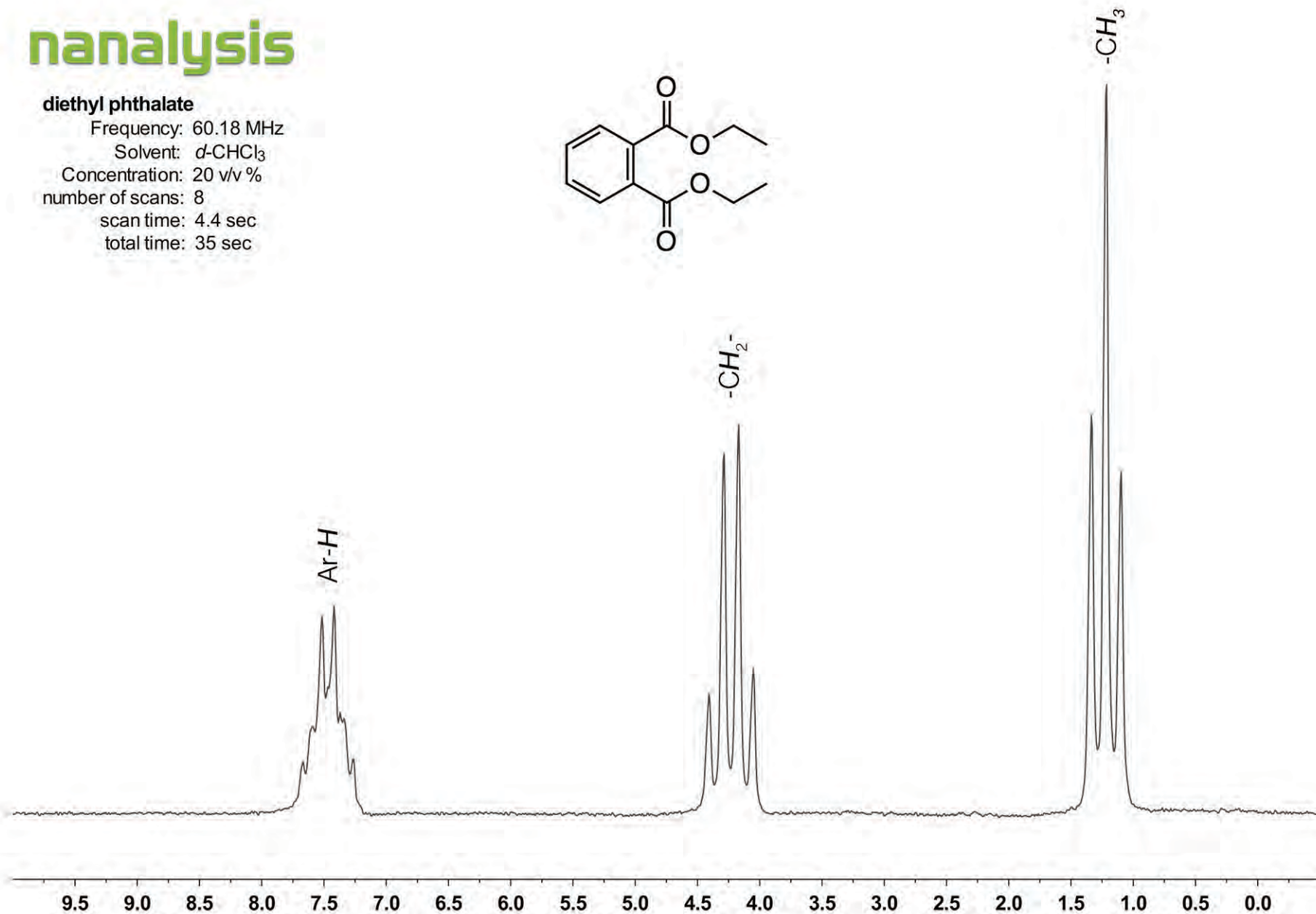
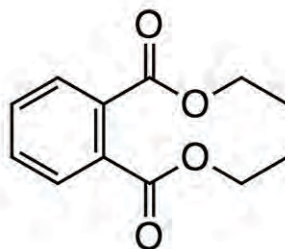
Solvent: $d\text{-CHCl}_3$

Concentration: 20 v/v %

number of scans: 8

scan time: 4.4 sec

total time: 35 sec



nanalysis

benzaldehyde

Frequency: 60.18 MHz

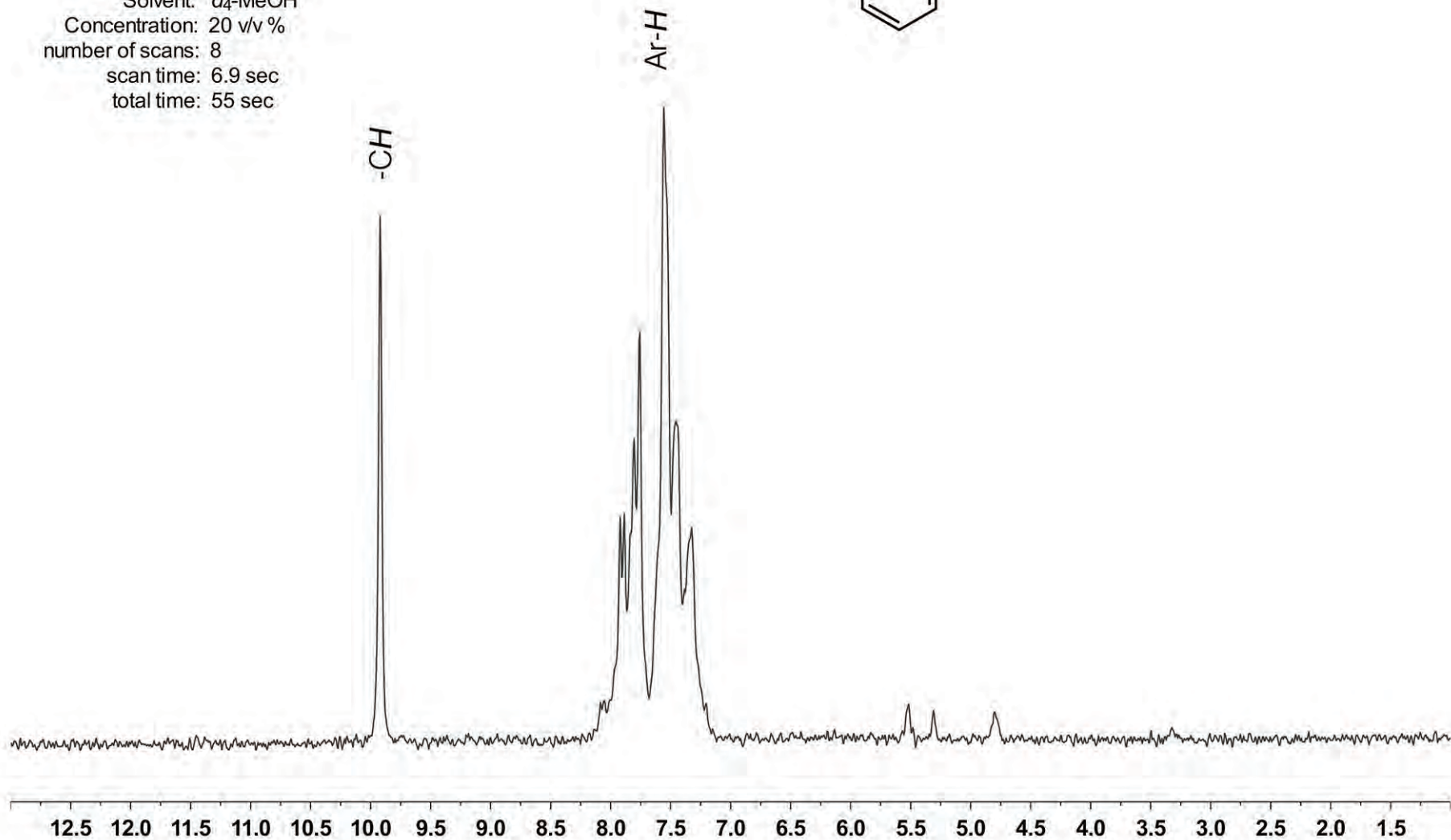
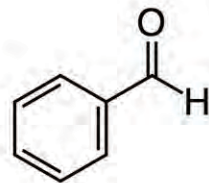
Solvent: d_4 -MeOH

Concentration: 20 v/v %

number of scans: 8

scan time: 6.9 sec

total time: 55 sec



acetylsalicylic acid

Frequency: 60.18 MHz

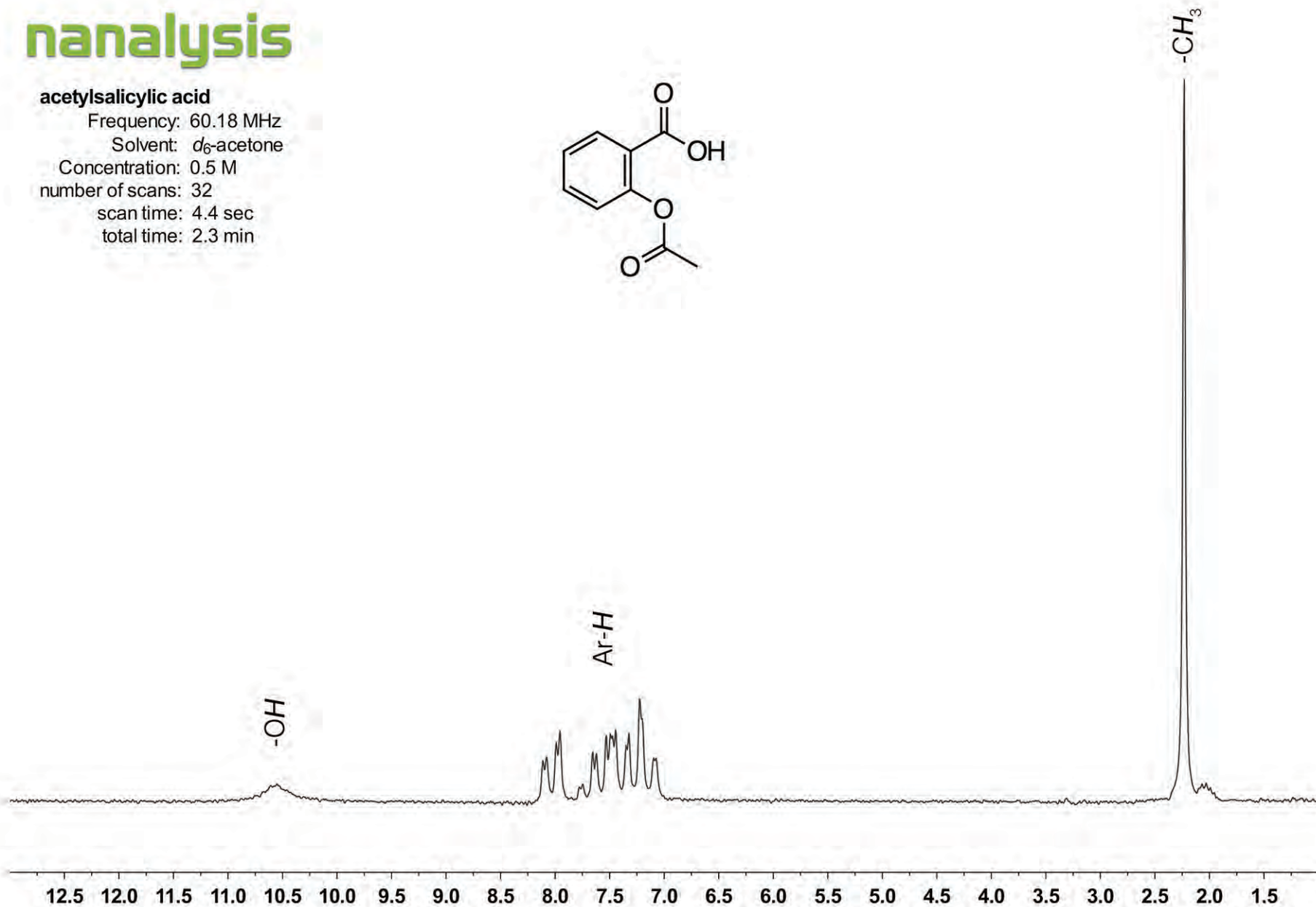
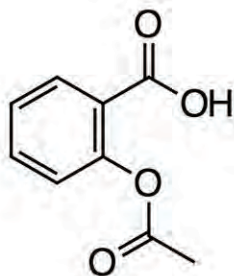
Solvent: d_6 -acetone

Concentration: 0.5 M

number of scans: 32

scan time: 4.4 sec

total time: 2.3 min



nanalysis

acetophenone

Frequency: 60.18 MHz

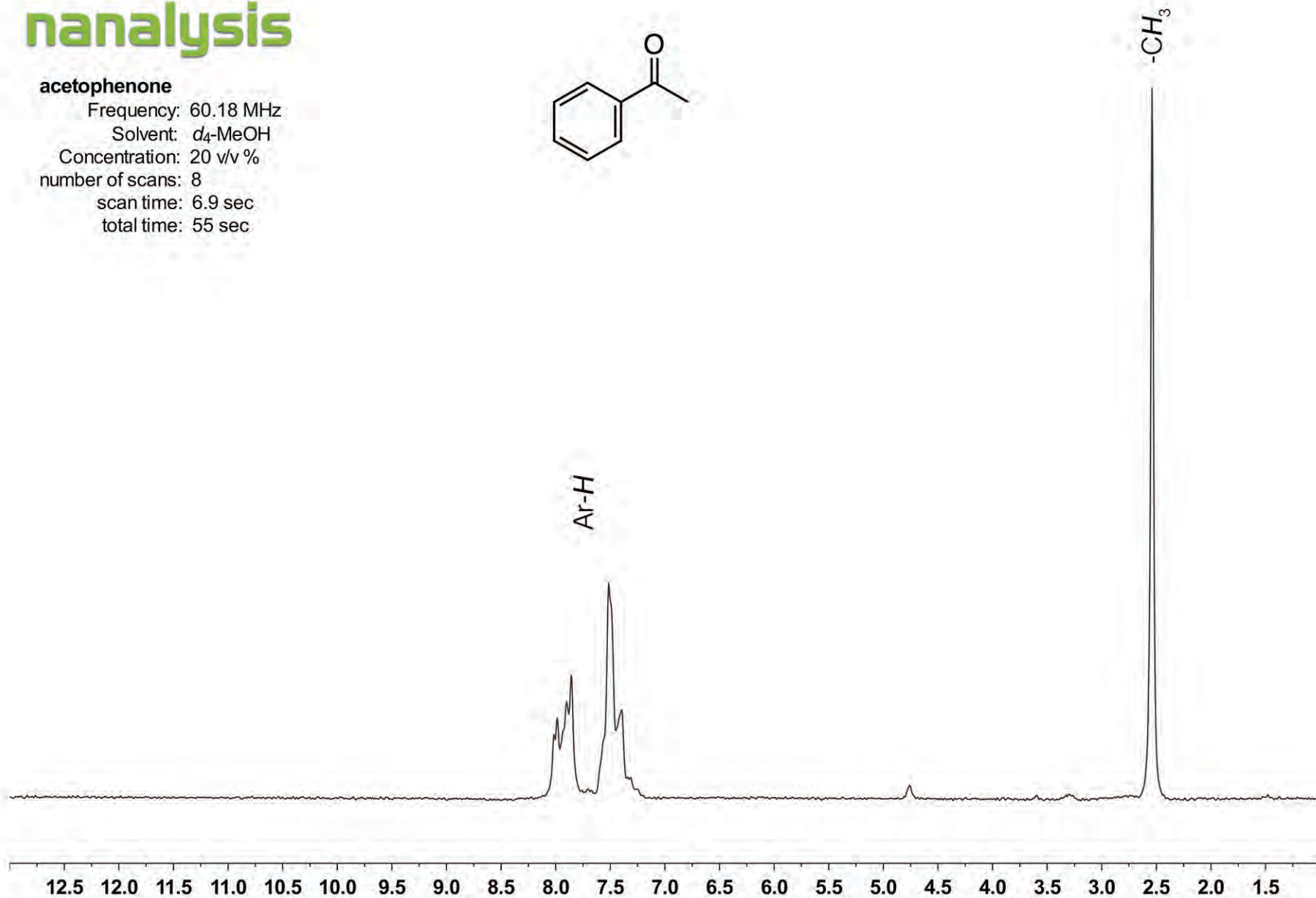
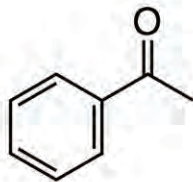
Solvent: d_4 -MeOH

Concentration: 20 v/v %

number of scans: 8

scan time: 6.9 sec

total time: 55 sec



nanalysis

4-hydroxypropiophenone

Frequency: 60.18 MHz

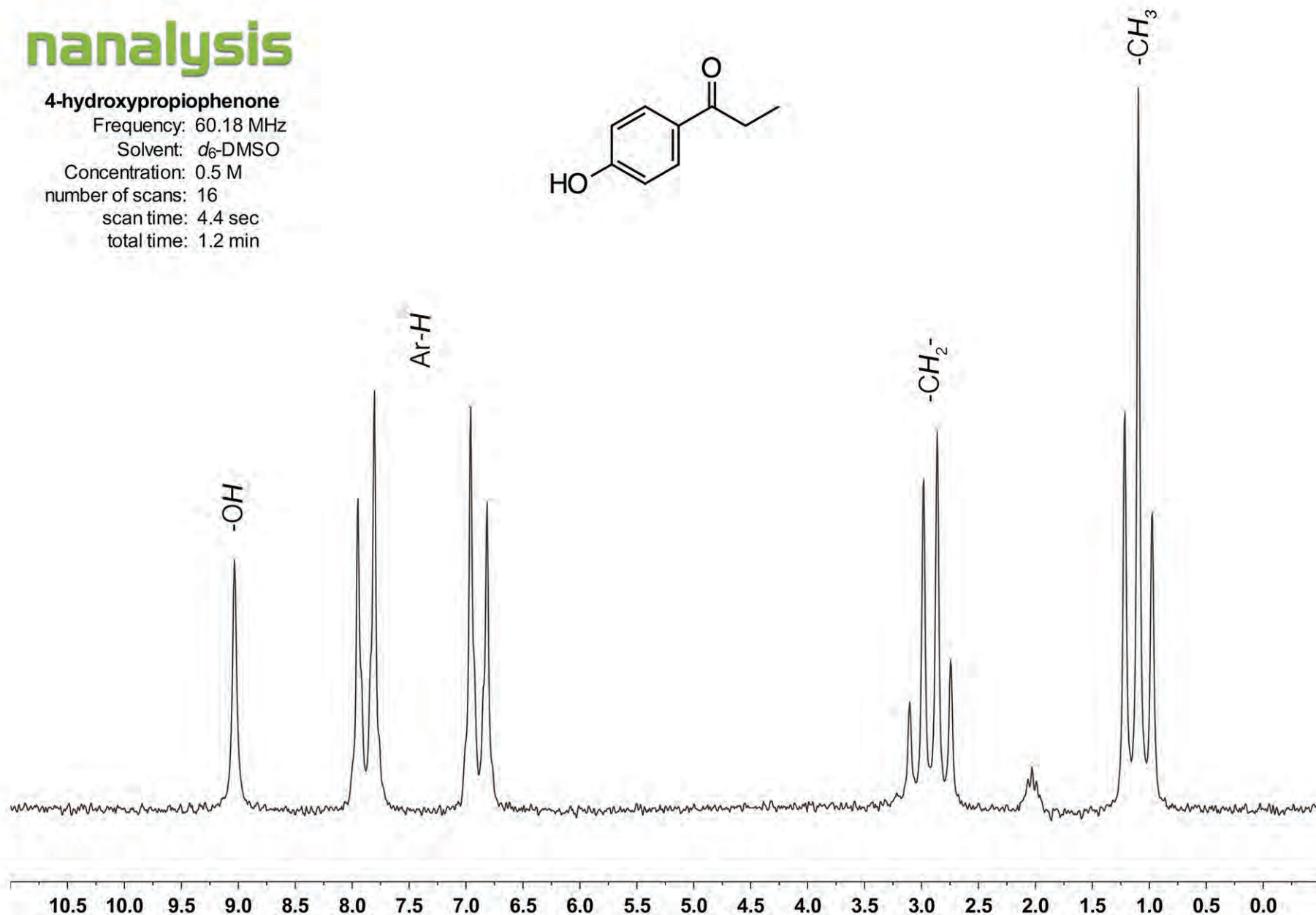
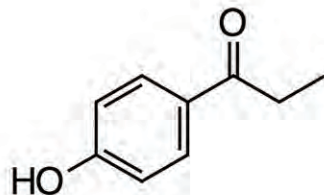
Solvent: d_6 -DMSO

Concentration: 0.5 M

number of scans: 16

scan time: 4.4 sec

total time: 1.2 min



2-bromobutane

Frequency: 60.18 MHz

Solvent: d-CHCl₃

Concentration: 20 v/v %

number of scans: 4

scan time: 4.4 sec

total time: 18 sec

