

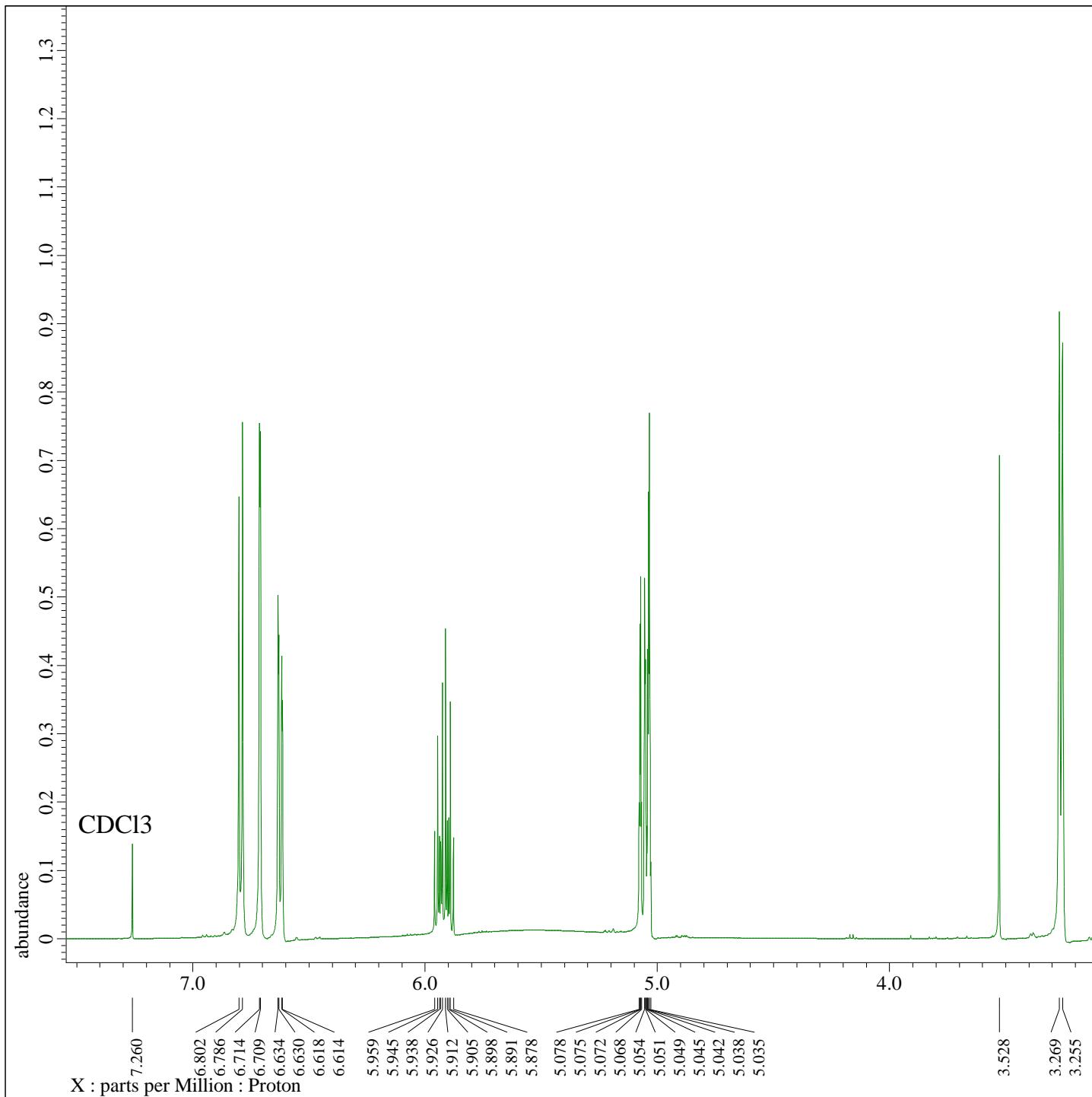
---- PROCESSING PARAMETERS ----
sexf(0.2[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
ppm

Filename = Geo-Proton-1-2.jdf
Author = delta
Experiment = proton.jxp
Sample_Id = Geo
Solvent = CHLOROFORM-D
Actual_Start_Time = 5-AUG-2019 10:07:3
Revision_Time = 21-AUG-2019 04:41:4

Comment = single_pulse
Data_Format = 1D COMPLEX
Dim_Size = 13107
X_Domain = Proton
Dim_Title = Proton
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500[
X_Acq_Duration = 1.74587904[s]
X_Domain = Proton
X_Freq = 500.15991521[MHz]
X_Offset = 7.0[ppm]
X_Points = 16384
X_Prescans = 1
X_Resolution = 0.57277737[Hz]
X_Sweep = 9.38438438[kHz]
X_Sweep_Clipped = 7.50750751[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Tri_Domain = Proton
Tri_Freq = 500.15991521[MHz]
Tri_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 40
Total_Scans = 40

Relaxation_Delay = 5[s]
Recvr_Gain = 36
Temp_Get = 19.6[dC]
X_90_Width = 8[us]
X_Acq_Time = 1.74587904[s]
X_Angle = 45[deg]
X_Atn = 8.9[dB]
X_Pulse = 4[us]
Irr_Mode = Off
Tri_Mode = Off
Dante_Loop = 500



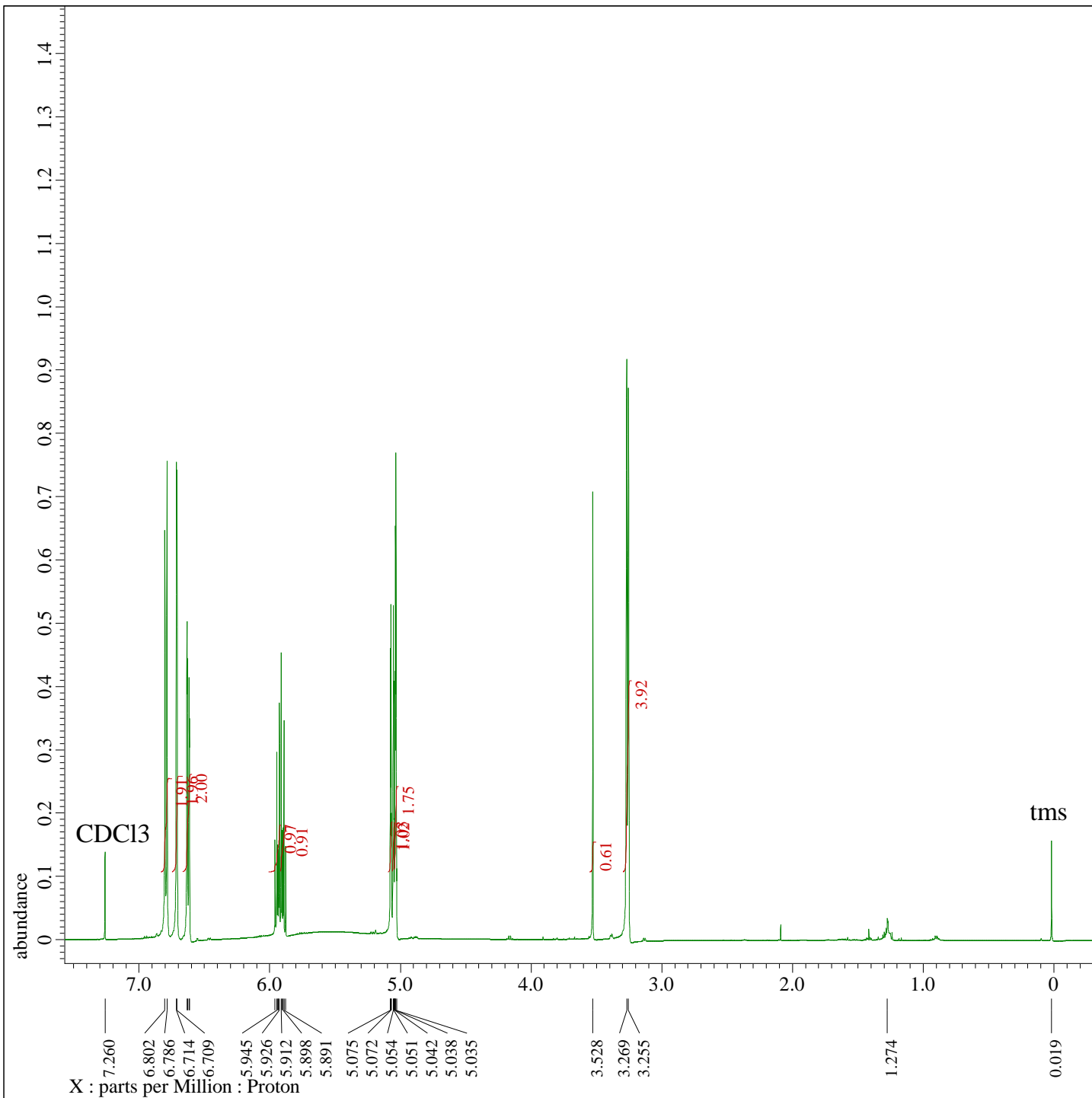
---- PROCESSING PARAMETERS ----
sexp(0.2[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
ppm

Filename = Geo-Proton-1-2.jdf
Author = delta
Experiment = proton.jxp
Sample_Id = Geo
Solvent = CHLOROFORM-D
Actual_Start_Time = 5-AUG-2019 10:07:3
Revision_Time = 21-AUG-2019 04:41:4

Comment = single_pulse
Data_Format = 1D COMPLEX
Dim_Size = 13107
X_Domain = Proton
Dim_Title = Proton
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500[
X_Acq_Duration = 1.74587904[s]
X_Domain = Proton
X_Freq = 500.15991521[MHz]
X_Offset = 7.0[ppm]
X_Points = 16384
X_Prescans = 1
X_Resolution = 0.57277737[Hz]
X_Sweep = 9.38438438[kHz]
X_Sweep_Clipped = 7.50750751[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Tri_Domain = Proton
Tri_Freq = 500.15991521[MHz]
Tri_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 40
Total_Scans = 40

Relaxation_Delay = 5[s]
Recvr_Gain = 36
Temp_Get = 19.6[dC]
X_90_Width = 8[us]
X_Acq_Time = 1.74587904[s]
X_Angle = 45[deg]
X_Atn = 8.9[dB]
X_Pulse = 4[us]
Irr_Mode = Off
Tri_Mode = Off
Dante_Loop = 500



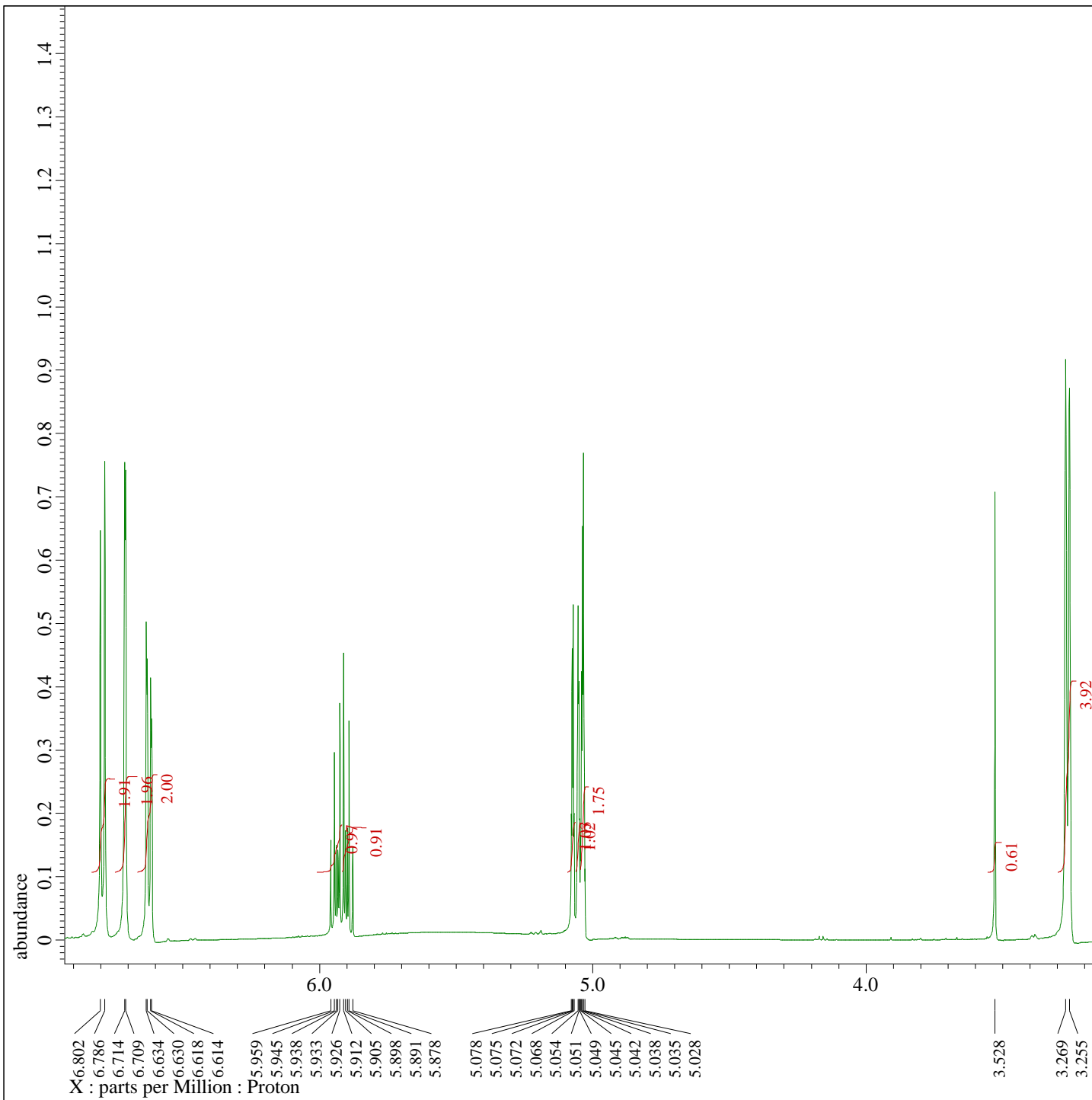
---- PROCESSING PARAMETERS ----
sexp(0.2[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
ppm

Filename = Geo-Proton-1-2.jdf
Author = delta
Experiment = proton.jxp
Sample_Id = Geo
Solvent = CHLOROFORM-D
Actual_Start_Time = 5-AUG-2019 10:07:3
Revision_Time = 21-AUG-2019 04:46:2

Comment = single_pulse
Data_Format = 1D COMPLEX
Dim_Size = 13107
X_Domain = Proton
Dim_Title = Proton
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500[
X_Acq_Duration = 1.74587904[s]
X_Domain = Proton
X_Freq = 500.15991521[MHz]
X_Offset = 7.0[ppm]
X_Points = 16384
X_Prescans = 1
X_Resolution = 0.57277737[Hz]
X_Sweep = 9.38438438[kHz]
X_Sweep_Clipped = 7.50750751[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Tri_Domain = Proton
Tri_Freq = 500.15991521[MHz]
Tri_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 40
Total_Scans = 40

Relaxation_Delay = 5[s]
Recvr_Gain = 36
Temp_Get = 19.6[dC]
X_90_Width = 8[us]
X_Acq_Time = 1.74587904[s]
X_Angle = 45[deg]
X_Atn = 8.9[dB]
X_Pulse = 4[us]
Irr_Mode = Off
Tri_Mode = Off
Dante_Loop = 500



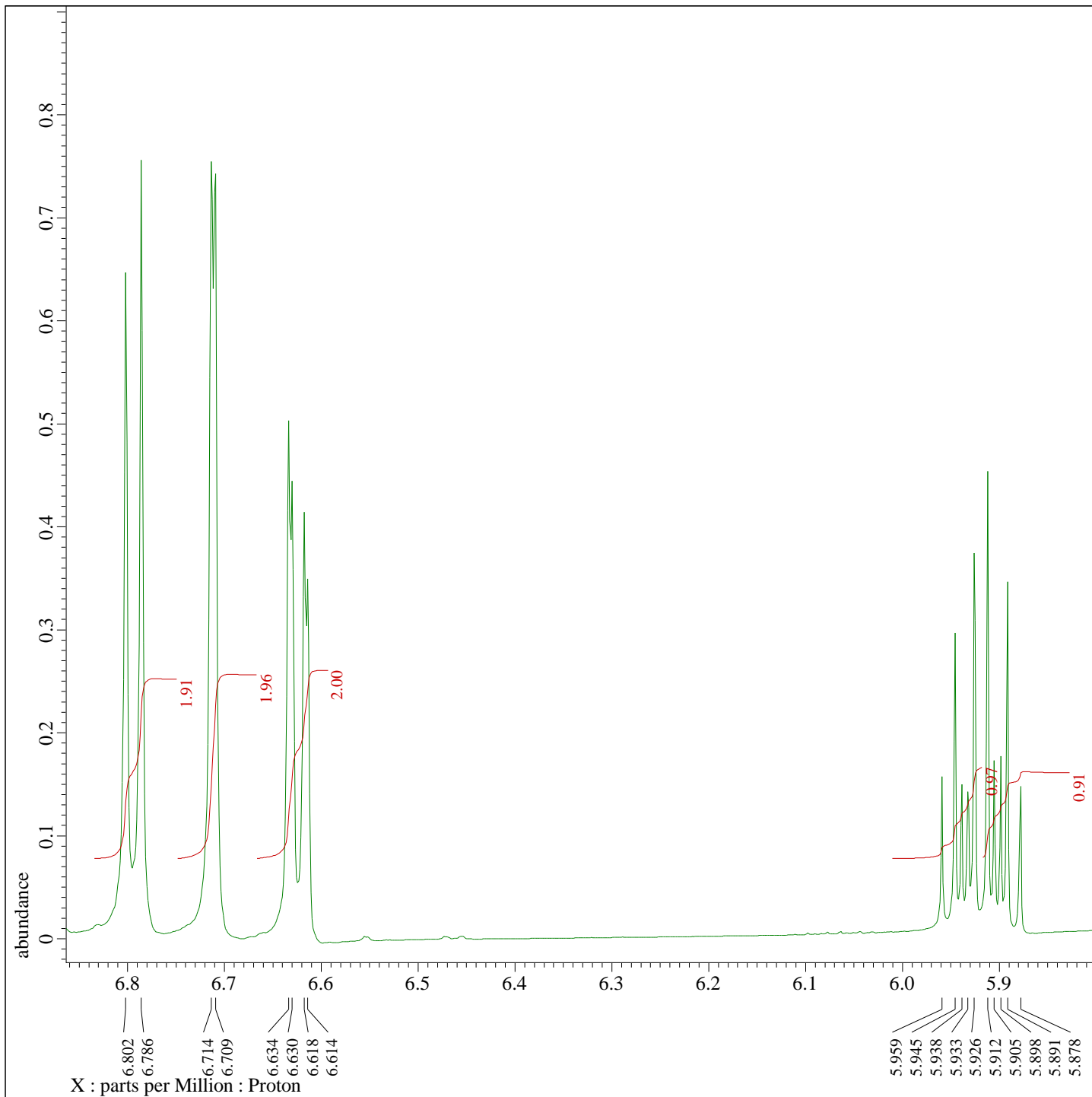
---- PROCESSING PARAMETERS ----
sexp(0.2[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
ppm

Filename = Geo-Proton-1-2.jdf
Author = delta
Experiment = proton.jxp
Sample_Id = Geo
Solvent = CHLOROFORM-D
Actual_Start_Time = 5-AUG-2019 10:07:3
Revision_Time = 21-AUG-2019 04:46:2

Comment = single_pulse
Data_Format = 1D COMPLEX
Dim_Size = 13107
X_Domain = Proton
Dim_Title = Proton
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500[
X_Acq_Duration = 1.74587904[s]
X_Domain = Proton
X_Freq = 500.15991521[MHz]
X_Offset = 7.0[ppm]
X_Points = 16384
X_Prescans = 1
X_Resolution = 0.57277737[Hz]
X_Sweep = 9.38438438[kHz]
X_Sweep_Clipped = 7.50750751[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Tri_Domain = Proton
Tri_Freq = 500.15991521[MHz]
Tri_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 40
Total_Scans = 40

Relaxation_Delay = 5[s]
Recvr_Gain = 36
Temp_Get = 19.6[dC]
X_90_Width = 8[us]
X_Acq_Time = 1.74587904[s]
X_Angle = 45[deg]
X_Atn = 8.9[dB]
X_Pulse = 4[us]
Irr_Mode = Off
Tri_Mode = Off
Dante_Loop = 500



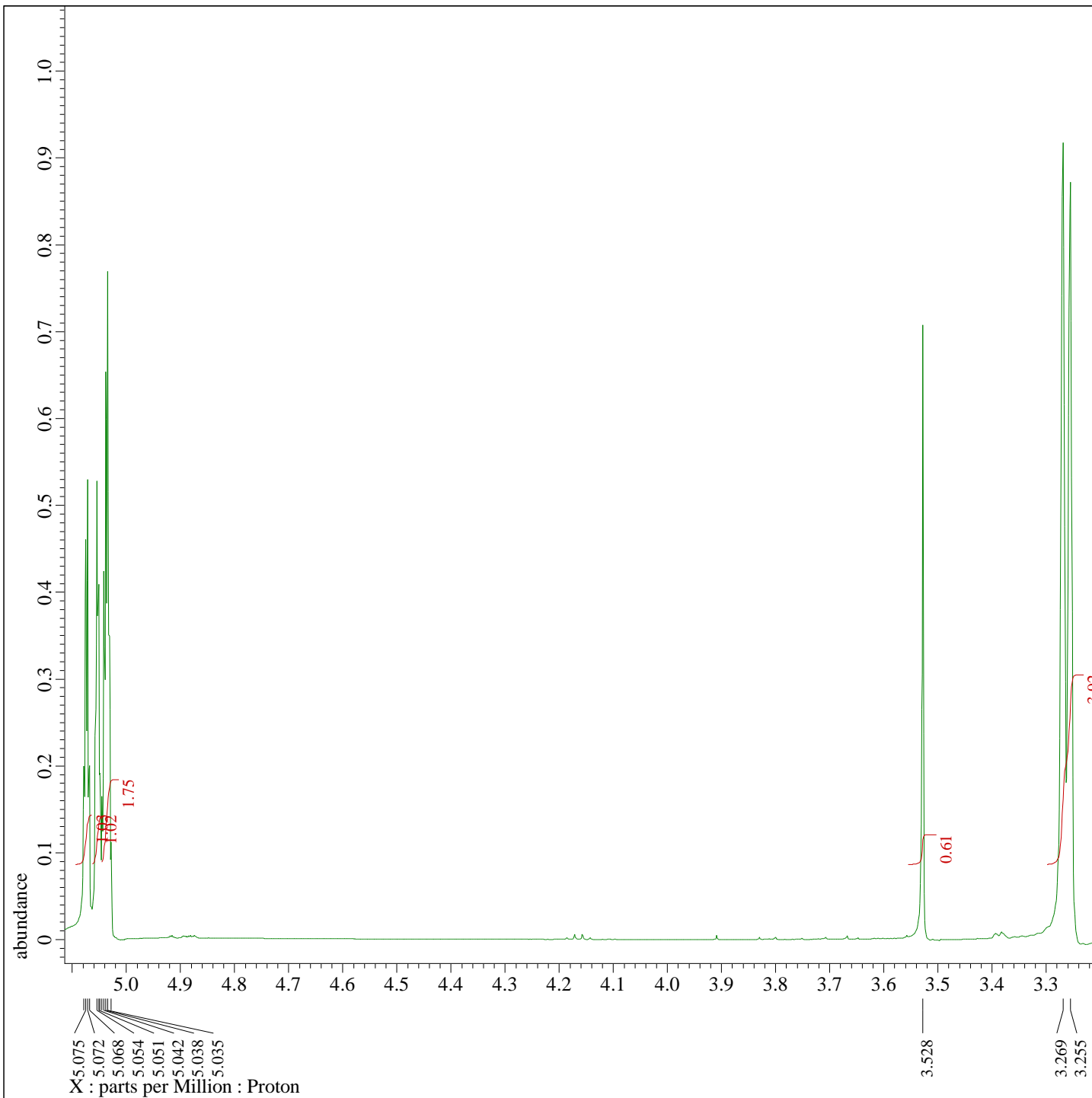
---- PROCESSING PARAMETERS ----
sexp(0.2[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
ppm

Filename = Geo-Proton-1-2.jdf
Author = delta
Experiment = proton.jxp
Sample_Id = Geo
Solvent = CHLOROFORM-D
Actual_Start_Time = 5-AUG-2019 10:07:3
Revision_Time = 21-AUG-2019 04:46:2

Comment = single_pulse
Data_Format = 1D COMPLEX
Dim_Size = 13107
X_Domain = Proton
Dim_Title = Proton
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500[
X_Acq_Duration = 1.74587904[s]
X_Domain = Proton
X_Freq = 500.15991521[MHz]
X_Offset = 7.0[ppm]
X_Points = 16384
X_Prescans = 1
X_Resolution = 0.57277737[Hz]
X_Sweep = 9.38438438[kHz]
X_Sweep_Clipped = 7.50750751[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Tri_Domain = Proton
Tri_Freq = 500.15991521[MHz]
Tri_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 40
Total_Scans = 40

Relaxation_Delay = 5[s]
Recvr_Gain = 36
Temp_Get = 19.6[dC]
X_90_Width = 8[us]
X_Acq_Time = 1.74587904[s]
X_Angle = 45[deg]
X_Atn = 8.9[dB]
X_Pulse = 4[us]
Irr_Mode = Off
Tri_Mode = Off
Dante_Loop = 500



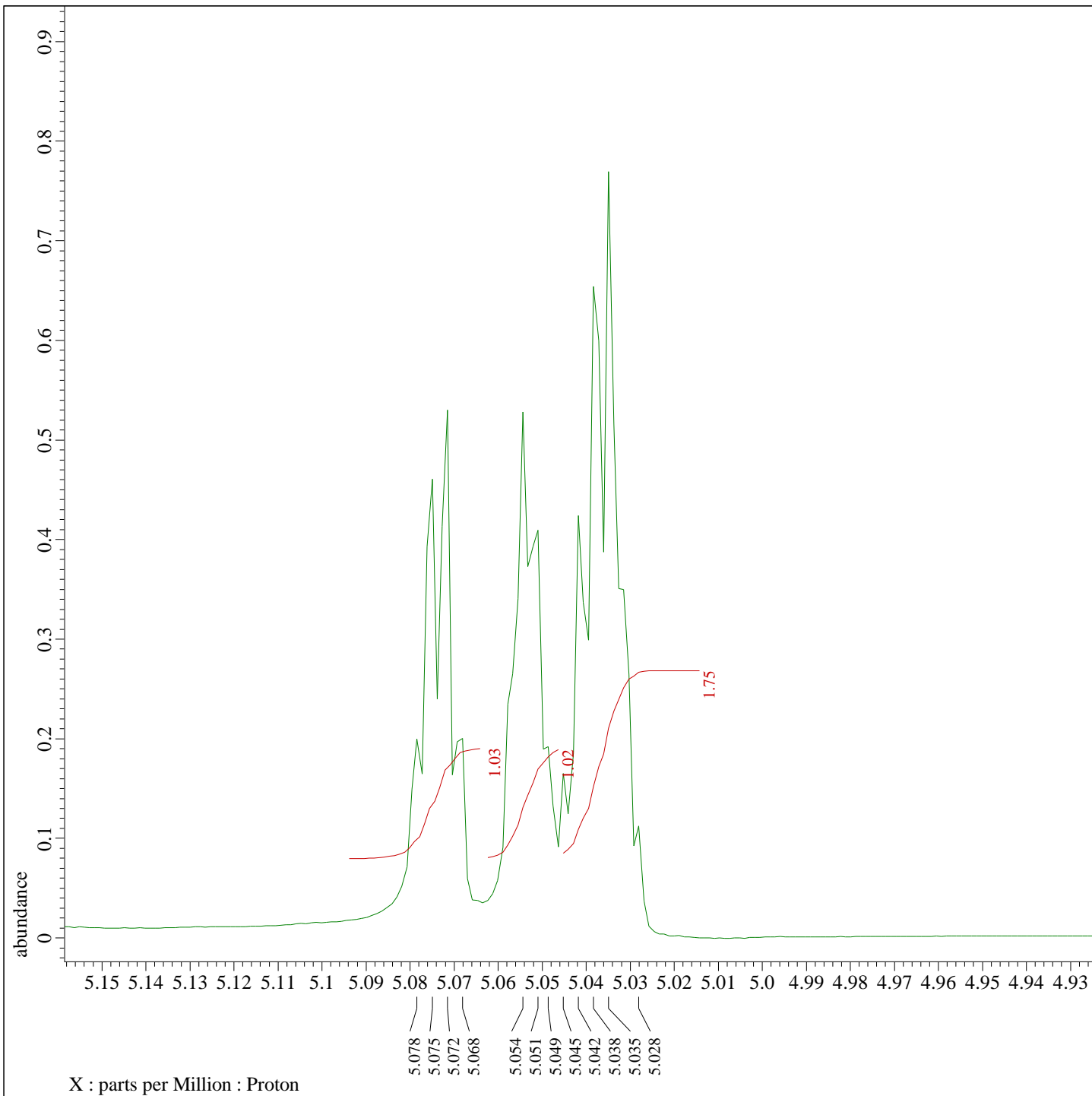
---- PROCESSING PARAMETERS ----
sexf(0.2[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
ppm

Filename = Geo-Proton-1-2.jdf
Author = delta
Experiment = proton.jxp
Sample_Id = Geo
Solvent = CHLOROFORM-D
Actual_Start_Time = 5-AUG-2019 10:07:3
Revision_Time = 21-AUG-2019 04:46:2

Comment = single_pulse
Data_Format = 1D COMPLEX
Dim_Size = 13107
X_Domain = Proton
Dim_Title = Proton
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500[
X_Acq_Duration = 1.74587904[s]
X_Domain = Proton
X_Freq = 500.15991521[MHz]
X_Offset = 7.0[ppm]
X_Points = 16384
X_Prescans = 1
X_Resolution = 0.57277737[Hz]
X_Sweep = 9.38438438[kHz]
X_Sweep_Clipped = 7.50750751[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Tri_Domain = Proton
Tri_Freq = 500.15991521[MHz]
Tri_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 40
Total_Scans = 40

Relaxation_Delay = 5[s]
Recvr_Gain = 36
Temp_Get = 19.6[dC]
X_90_Width = 8[us]
X_Acq_Time = 1.74587904[s]
X_Angle = 45[deg]
X_Atn = 8.9[dB]
X_Pulse = 4[us]
Irr_Mode = Off
Tri_Mode = Off
Dante_Loop = 500



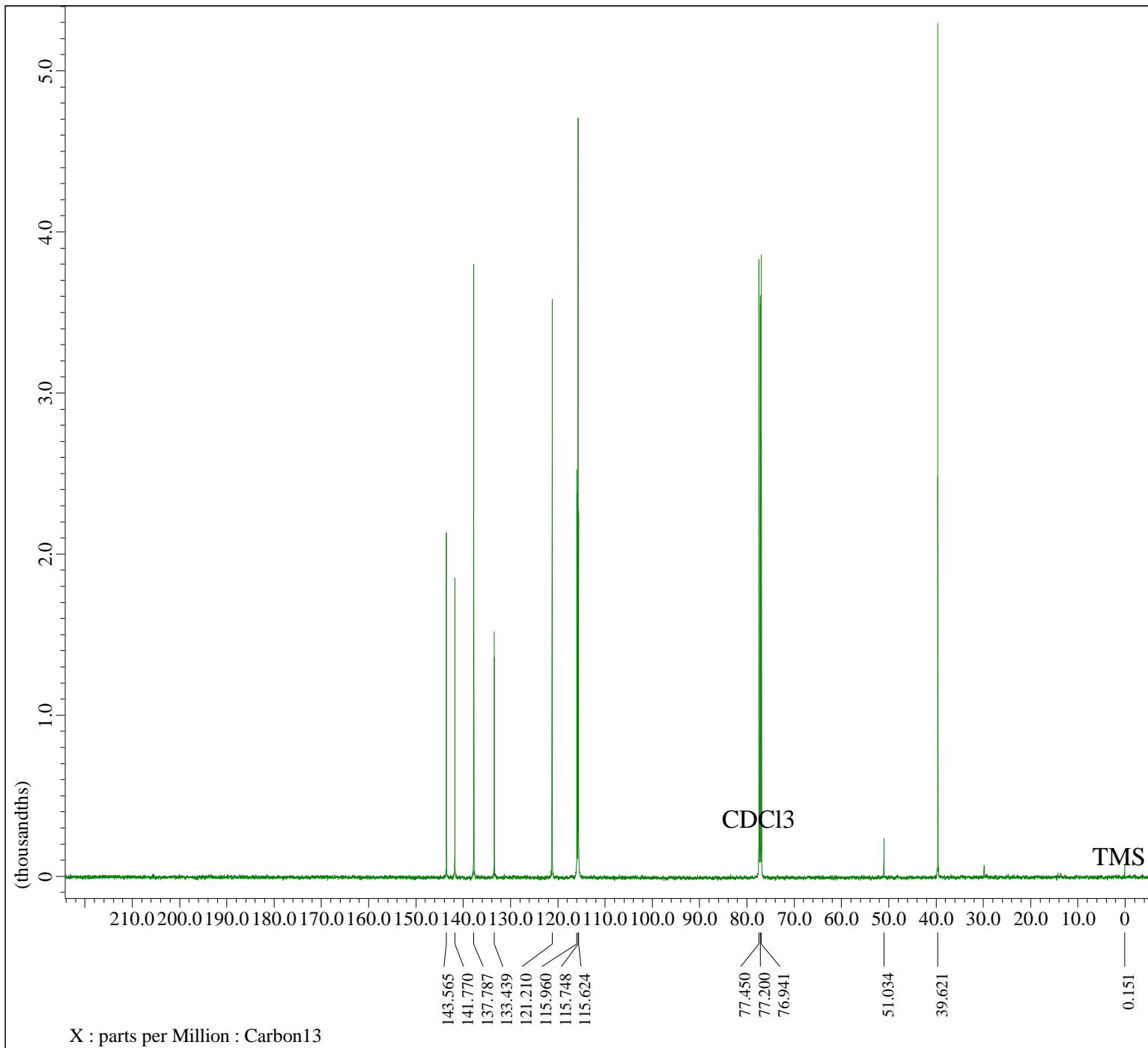
---- PROCESSING PARAMETERS ----
sexp(0.2[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
ppm

Filename = Geo-Proton-1-2.jdf
Author = delta
Experiment = proton.jxp
Sample_Id = Geo
Solvent = CHLOROFORM-D
Actual_Start_Time = 5-AUG-2019 10:07:3
Revision_Time = 21-AUG-2019 04:46:2

Comment = single_pulse
Data_Format = 1D COMPLEX
Dim_Size = 13107
X_Domain = Proton
Dim_Title = Proton
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500[
X_Acq_Duration = 1.74587904[s]
X_Domain = Proton
X_Freq = 500.15991521[MHz]
X_Offset = 7.0[ppm]
X_Points = 16384
X_Prescans = 1
X_Resolution = 0.57277737[Hz]
X_Sweep = 9.38438438[kHz]
X_Sweep_Clipped = 7.50750751[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Tri_Domain = Proton
Tri_Freq = 500.15991521[MHz]
Tri_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 40
Total_Scans = 40

Relaxation_Delay = 5[s]
Recvr_Gain = 36
Temp_Get = 19.6[dC]
X_90_Width = 8[us]
X_Acq_Time = 1.74587904[s]
X_Angle = 45[deg]
X_Atn = 8.9[dB]
X_Pulse = 4[us]
Irr_Mode = Off
Tri_Mode = Off
Dante_Loop = 500



---- PROCESSING PARAMETERS ----
sexp(2.0[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
ppm

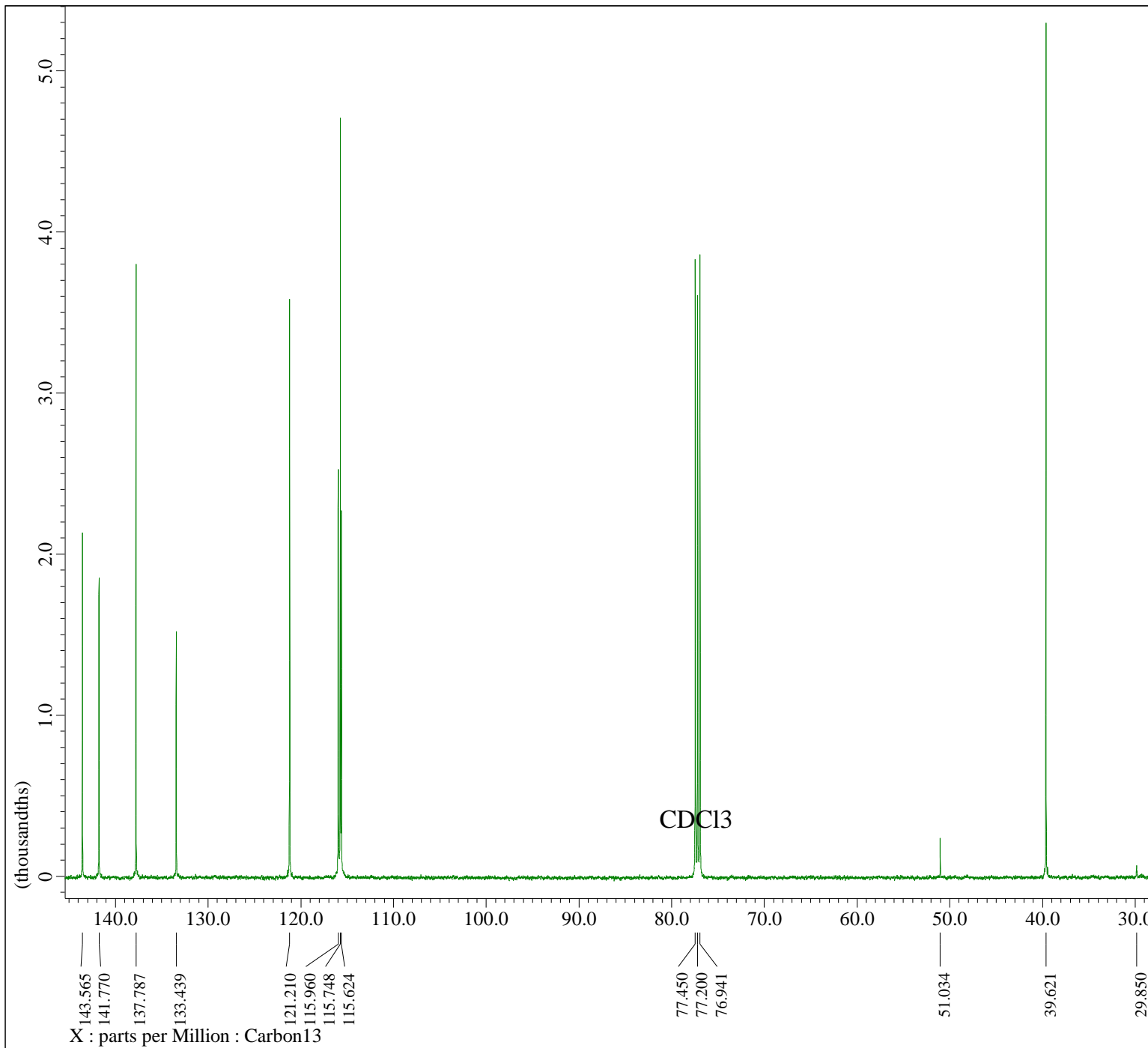
Derived from: GEO_Carbon-1-1.jdf

Filename = GEO_Carbon-1-2.jdf
Author = delta
Experiment = carbon.jxp
Sample_Id = GEO
Solvent = CHLOROFORM-D
Actual_Start_Time = 6-AUG-2019 08:58:
Revision_Time = 6-AUG-2019 13:33:

Comment = single pulse decou
Data_Format = 1D COMPLEX
Dim_Size = 26214
X_Domain = Carbon13
Dim_Title = Carbon13
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500
X_Acq_Duration = 0.82837504[s]
X_Domain = Carbon13
X_Freq = 125.76529768[MHz]
X_Offset = 100[ppm]
X_Points = 32768
X_Prescans = 4
X_Resolution = 1.20718268[Hz]
X_Sweep = 39.55696203[kHz]
X_Sweep_Clipped = 31.64556962[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 2037
Total_Scans = 2037

Relaxation_Delay = 2[s]
Recvr_Gain = 36
Temp_Get = 19.2[dC]
X_90_Width = 11.3[us]
X_Acq_Time = 0.82837504[s]
X_Angle = 30[deg]
X_Atn = 11[dB]
X_Pulse = 3.76666667[us]
Irr_Atn_Dec = 30.11[dB]
Irr_Atn_Dec_Calc = 30.11[dB]
Irr_Atn_Dec_Default_Calc = 30.11[dB]
Irr_Atn_No = 30.11[dB]
Irr_Dec_Bandwidth_Hz = 5.97826087[kHz]



---- PROCESSING PARAMETERS ----
sexp(2.0[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
ppm

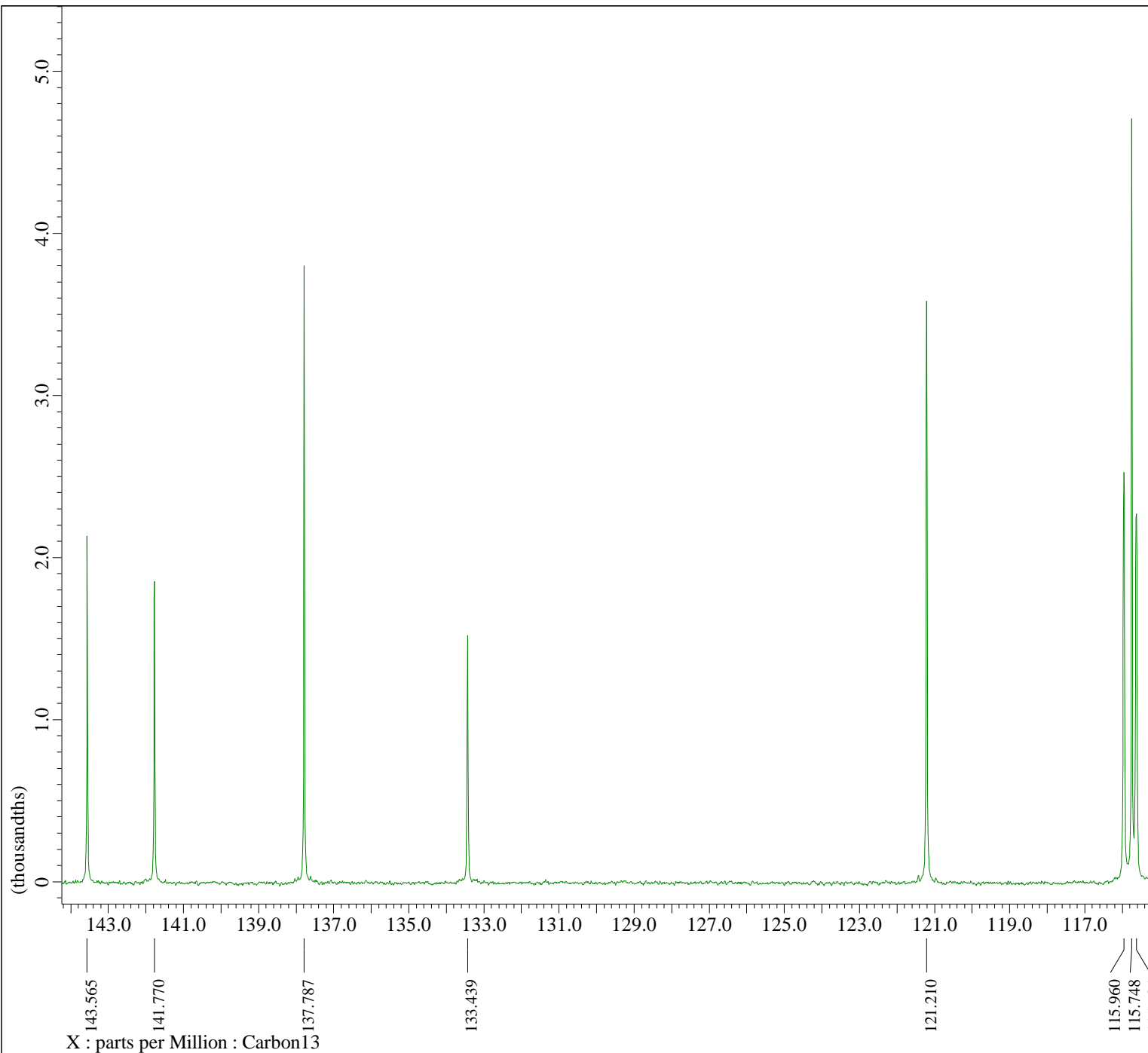
Derived from: GEO_Carbon-1-1.jdf

Filename = GEO_Carbon-1-2.jdf
Author = delta
Experiment = carbon.jxp
Sample_Id = GEO
Solvent = CHLOROFORM-D
Actual_Start_Time = 6-AUG-2019 08:58:
Revision_Time = 6-AUG-2019 13:34:

Comment = single pulse decou
Data_Format = 1D COMPLEX
Dim_Size = 26214
X_Domain = Carbon13
Dim_Title = Carbon13
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500
X_Acq_Duration = 0.82837504[s]
X_Domain = Carbon13
X_Freq = 125.76529768[MHz]
X_Offset = 100[ppm]
X_Points = 32768
X_Prescans = 4
X_Resolution = 1.20718268[Hz]
X_Sweep = 39.55696203[kHz]
X_Sweep_Clipped = 31.64556962[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 2037
Total_Scans = 2037

Relaxation_Delay = 2[s]
Recvr_Gain = 36
Temp_Get = 19.2[dC]
X_90_Width = 11.3[us]
X_Acq_Time = 0.82837504[s]
X_Angle = 30[deg]
X_Atn = 11[dB]
X_Pulse = 3.76666667[us]
Irr_Atn_Dec = 30.11[dB]
Irr_Atn_Dec_Calc = 30.11[dB]
Irr_Atn_Dec_Default_Calc = 30.11[dB]
Irr_Atn_No = 30.11[dB]
Irr_Dec_Bandwidth_Hz = 5.97826087[kHz]



----- PROCESSING PARAMETERS -----
sexp(2.0[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
ppm

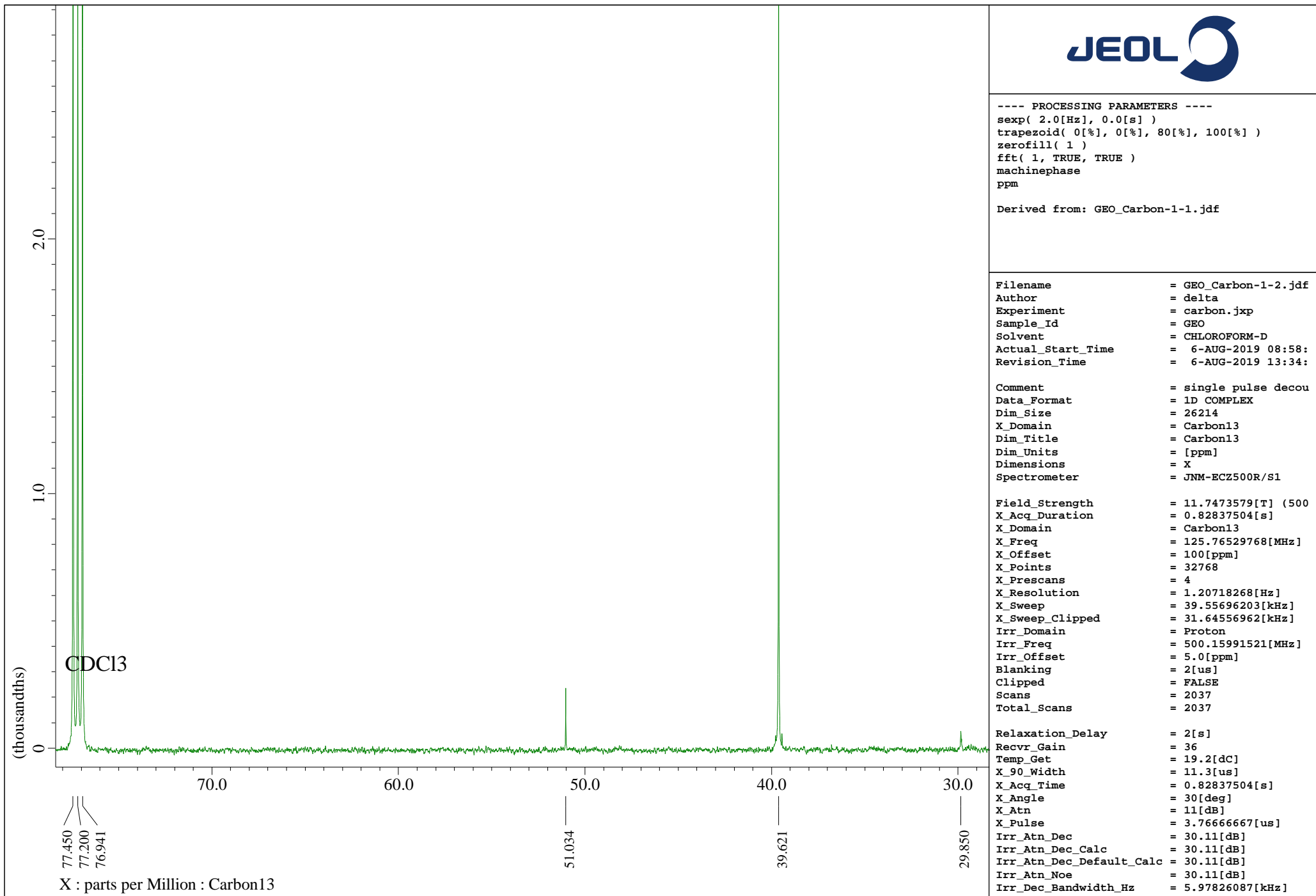
Derived from: GEO_Carbon-1-1.jdf

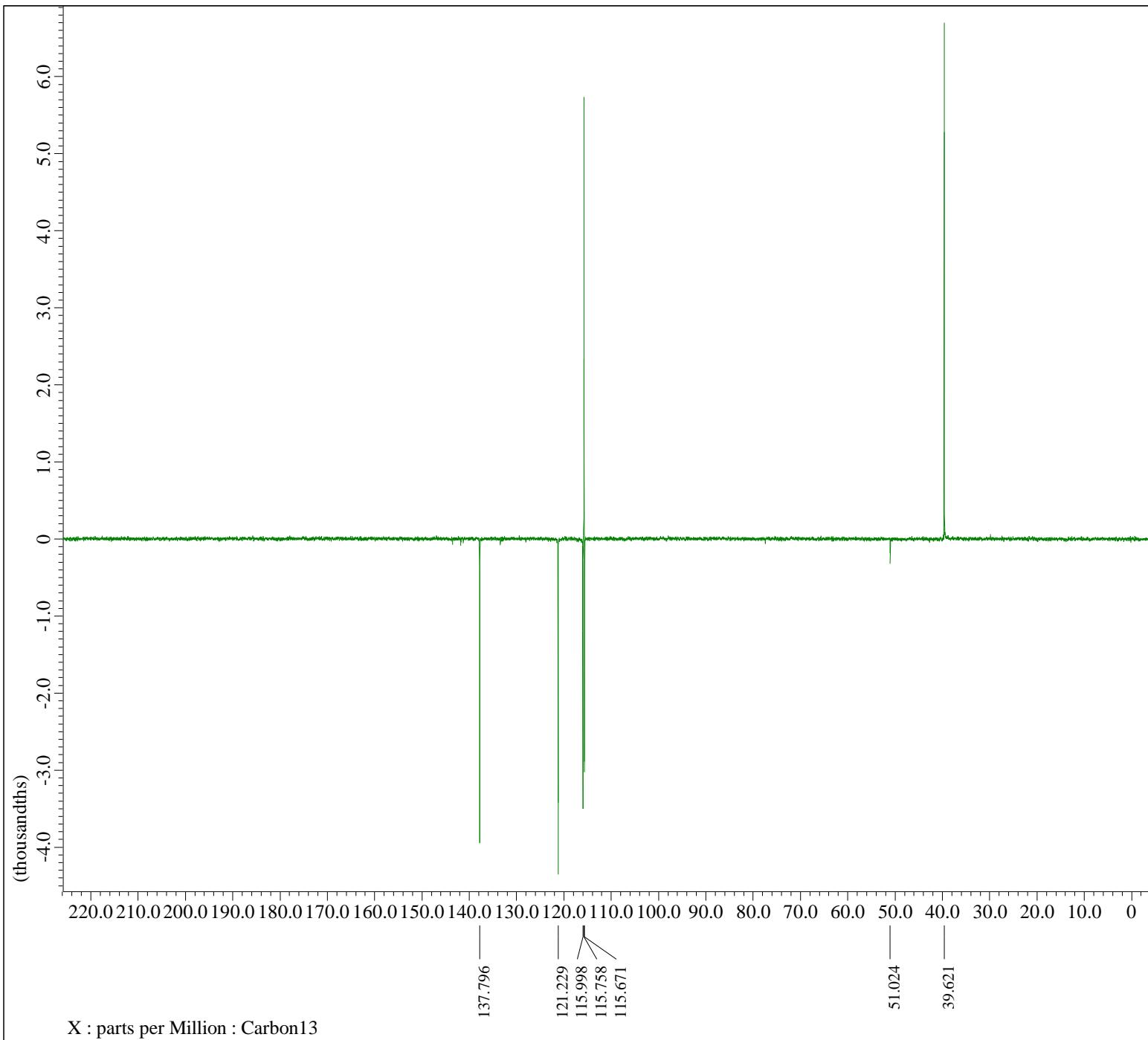
Filename = GEO_Carbon-1-2.jdf
Author = delta
Experiment = carbon.jxp
Sample_Id = GEO
Solvent = CHLOROFORM-D
Actual_Start_Time = 6-AUG-2019 08:58:
Revision_Time = 6-AUG-2019 13:34:

Comment = single pulse decou
Data_Format = 1D COMPLEX
Dim_Size = 26214
X_Domain = Carbon13
Dim_Title = Carbon13
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500
X_Acq_Duration = 0.82837504[s]
X_Domain = Carbon13
X_Freq = 125.76529768[MHz]
X_Offset = 100[ppm]
X_Points = 32768
X_Prescans = 4
X_Resolution = 1.20718268[Hz]
X_Sweep = 39.55696203[kHz]
X_Sweep_Clippped = 31.64556962[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 2037
Total_Scans = 2037

Relaxation_Delay = 2[s]
Recvr_Gain = 36
Temp_Get = 19.2[dC]
X_90_Width = 11.3[us]
X_Acq_Time = 0.82837504[s]
X_Angle = 30[deg]
X_Atn = 11[dB]
X_Pulse = 3.76666667[us]
Irr_Atn_Dec = 30.11[dB]
Irr_Atn_Dec_Calc = 30.11[dB]
Irr_Atn_Dec_Default_Calc = 30.11[dB]
Irr_Atn_No = 30.11[dB]
Irr_Dec_Bandwidth_Hz = 5.97826087[kHz]





X : parts per Million : Carbon13



---- PROCESSING PARAMETERS ----
sexp(2.0[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
peak_pick(0[Hz], 50[Hz], Peaks, 0[Hz])
ppm

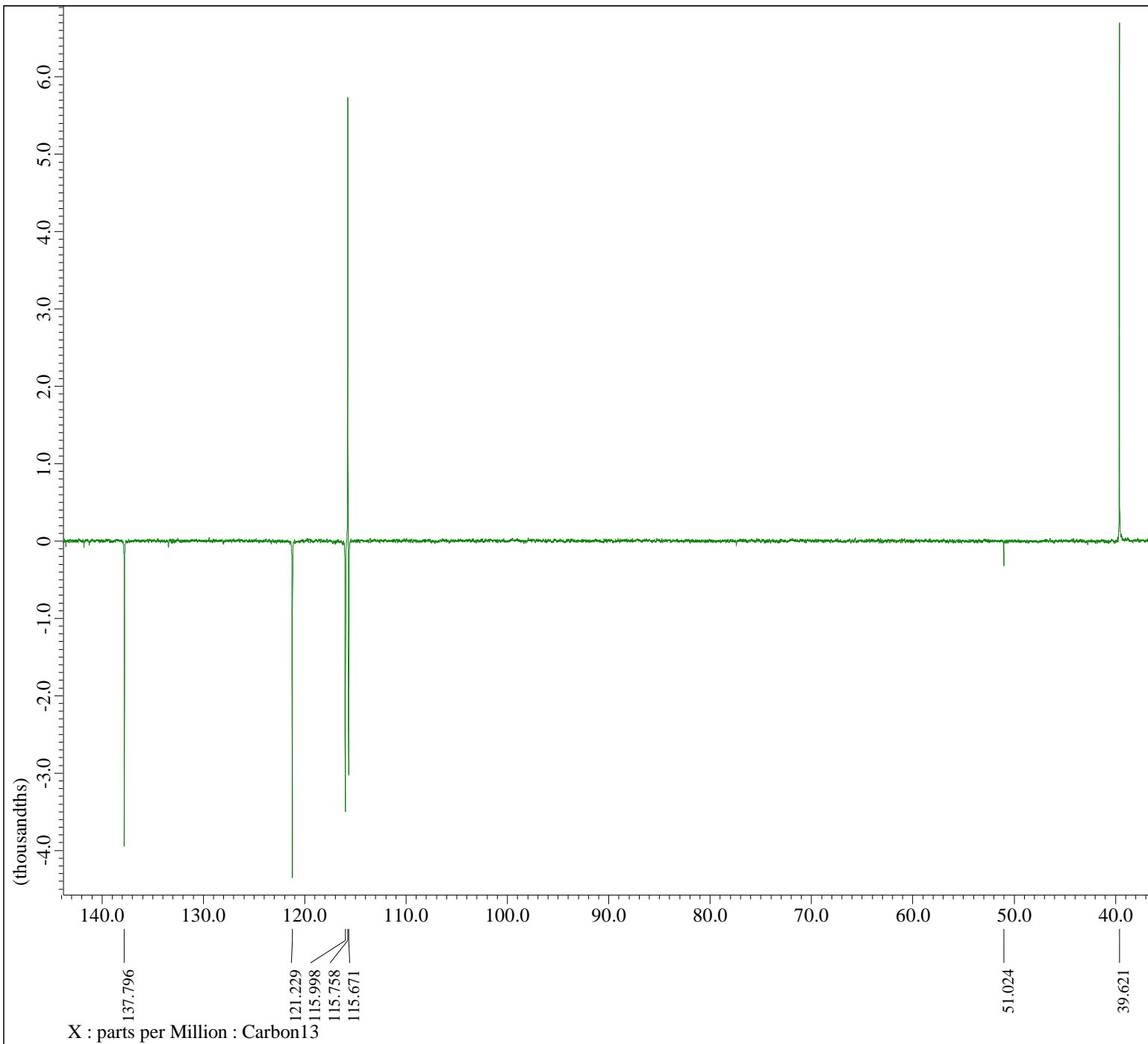
Derived from: GEO_DEPT135deg-1-1.jdf

Filename = GEO_DEPT135deg-1-2
Author = delta
Experiment = dept.jxp
Sample_Id = GEO
Solvent = CHLOROFORM-D
Actual_Start_Time = 29-AUG-2019 14:10:
Revision_Time = 30-AUG-2019 10:19:

Comment = DEPT with decoupli
Data_Format = 1D COMPLEX
Dim_Size = 26214
X_Domain = Carbon13
Dim_Title = Carbon13
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500
X_Acq_Duration = 0.82837504[s]
X_Domain = Carbon13
X_Freq = 125.76529768[MHz]
X_Offset = 100[ppm]
X_Points = 32768
X_Prescans = 4
X_Resolution = 1.20718268[Hz]
X_Sweep = 39.55696203[kHz]
X_Sweep_Clippped = 31.64556962[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 473
Total_Scans = 473

Relaxation_Delay = 2[s]
Recvr_Gain = 36
Temp_Get = 20.1[dC]
X_Acq_Time = 0.82837504[s]
X_Atn = 11[dB]
X_Pulse = 11.3[us]
Irr_Atn = 8.9[dB]
Irr_Atn_Dec = 30.11[dB]
Irr_Atn_Dec_Calc = 30.11[dB]
Irr_Atn_Dec_Default_Calc = 30.11[dB]
Irr_Dec_Bandwidth_Hz = 5.97826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.9526989[ppm]
Irr_Dec_Freq = 500.15991521[MHz]



---- PROCESSING PARAMETERS ----
sexp(2.0[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
peak_pick(0[Hz], 50[Hz], Peaks, 0[Hz])
ppm

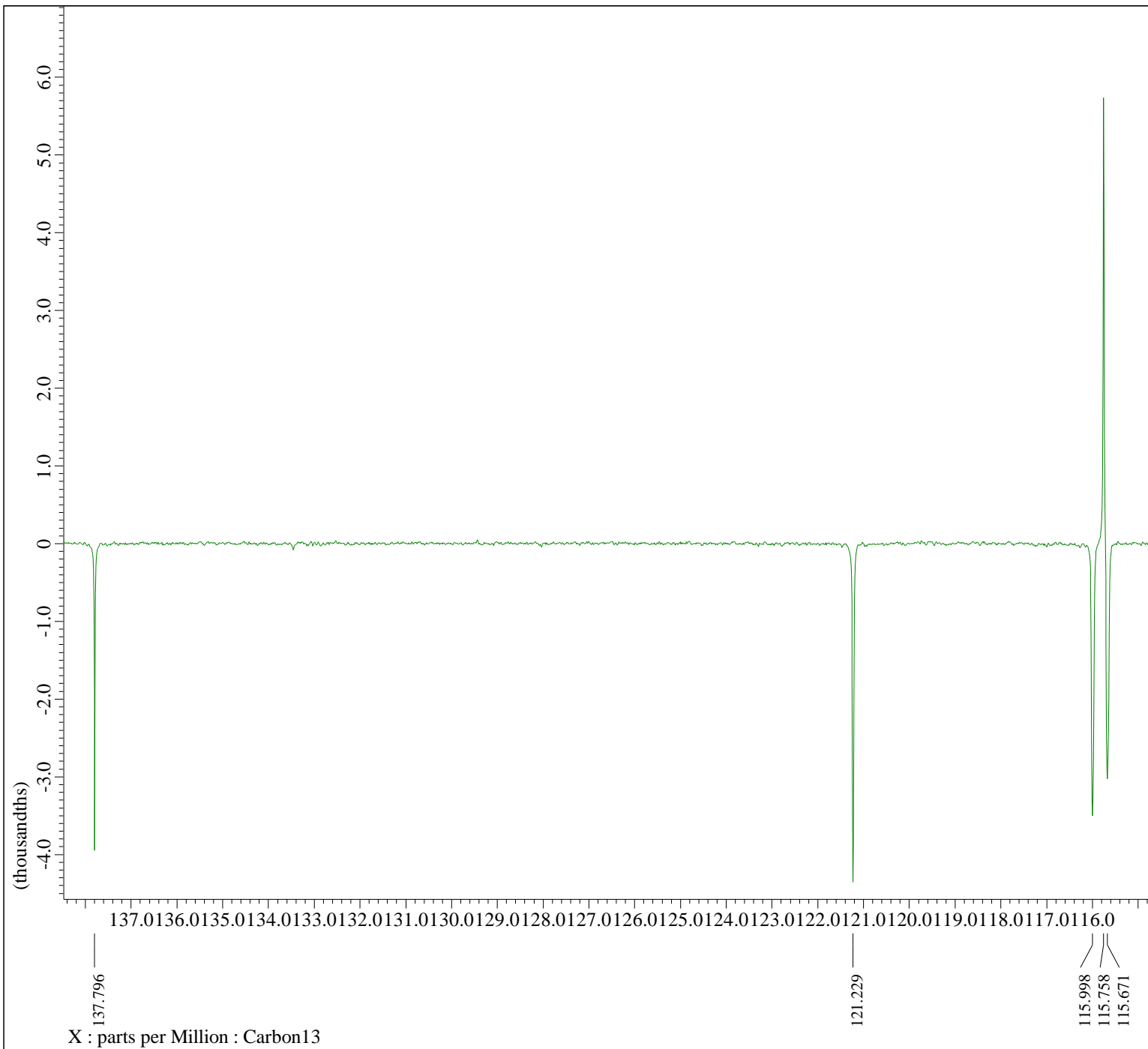
Derived from: GEO_DEPT135deg-1-1.jdf

Filename = GEO_DEPT135deg-1-2
Author = delta
Experiment = dept.jxp
Sample_Id = GEO
Solvent = CHLOROFORM-D
Actual_Start_Time = 29-AUG-2019 14:10:
Revision_Time = 30-AUG-2019 10:19:

Comment = DEPT with decoupli
Data_Format = 1D COMPLEX
Dim_Size = 26214
X_Domain = Carbon13
Dim_Title = Carbon13
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500
X_Acq_Duration = 0.82837504[s]
X_Domain = Carbon13
X_Freq = 125.76529768[MHz]
X_Offset = 100[ppm]
X_Points = 32768
X_Prescans = 4
X_Resolution = 1.20718268[Hz]
X_Sweep = 39.55696203[kHz]
X_Sweep_Clipped = 31.64556962[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 473
Total_Scans = 473

Relaxation_Delay = 2[s]
Recvr_Gain = 36
Temp_Get = 20.1[dC]
X_Acq_Time = 0.82837504[s]
X_Atn = 11[dB]
X_Pulse = 11.3[us]
Irr_Atn = 8.9[dB]
Irr_Atn_Dec = 30.11[dB]
Irr_Atn_Dec_Calc = 30.11[dB]
Irr_Atn_Dec_Default_Calc = 30.11[dB]
Irr_Dec_Bandwidth_Hz = 5.97826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.9526989[ppm]
Irr_Dec_Freq = 500.15991521[MHz]



---- PROCESSING PARAMETERS ----
sexp(2.0[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
peak_pick(0[Hz], 50[Hz], Peaks, 0[Hz])
ppm

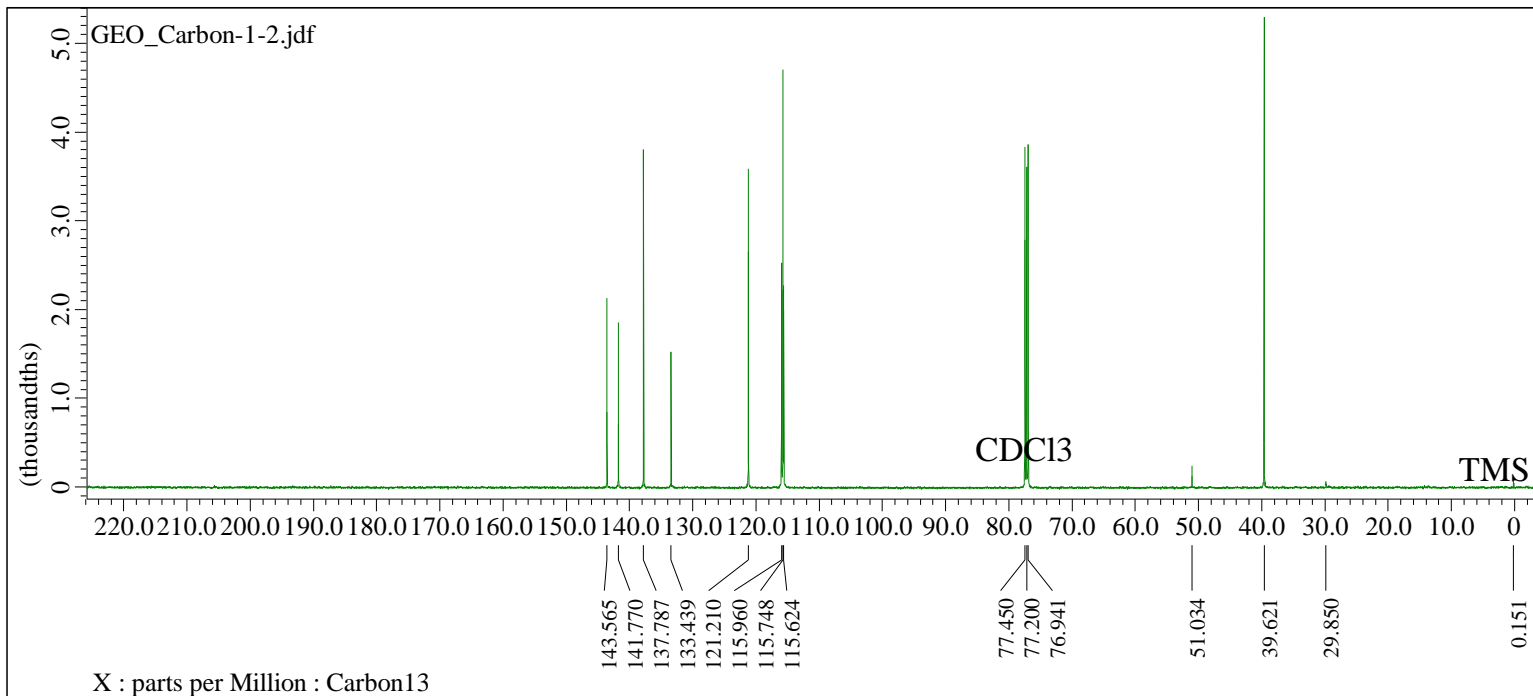
Derived from: GEO_DEPT135deg-1-1.jdf

Filename = GEO_DEPT135deg-1-2
Author = delta
Experiment = dept.jxp
Sample_Id = GEO
Solvent = CHLOROFORM-D
Actual_Start_Time = 29-AUG-2019 14:10:
Revision_Time = 30-AUG-2019 10:19:

Comment = DEPT with decoupli
Data_Format = 1D COMPLEX
Dim_Size = 26214
X_Domain = Carbon13
Dim_Title = Carbon13
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500
X_Acq_Duration = 0.82837504[s]
X_Domain = Carbon13
X_Freq = 125.76529768[MHz]
X_Offset = 100[ppm]
X_Points = 32768
X_Prescans = 4
X_Resolution = 1.20718268[Hz]
X_Sweep = 39.55696203[kHz]
X_Sweep_Clipped = 31.64556962[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 473
Total_Scans = 473

Relaxation_Delay = 2[s]
Recvr_Gain = 36
Temp_Get = 20.1[dC]
X_Acq_Time = 0.82837504[s]
X_Atn = 11[dB]
X_Pulse = 11.3[us]
Irr_Atn = 8.9[dB]
Irr_Atn_Dec = 30.11[dB]
Irr_Atn_Dec_Calc = 30.11[dB]
Irr_Atn_Dec_Default_Calc = 30.11[dB]
Irr_Dec_Bandwidth_Hz = 5.97826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.9526989[ppm]
Irr_Dec_Freq = 500.15991521[MHz]



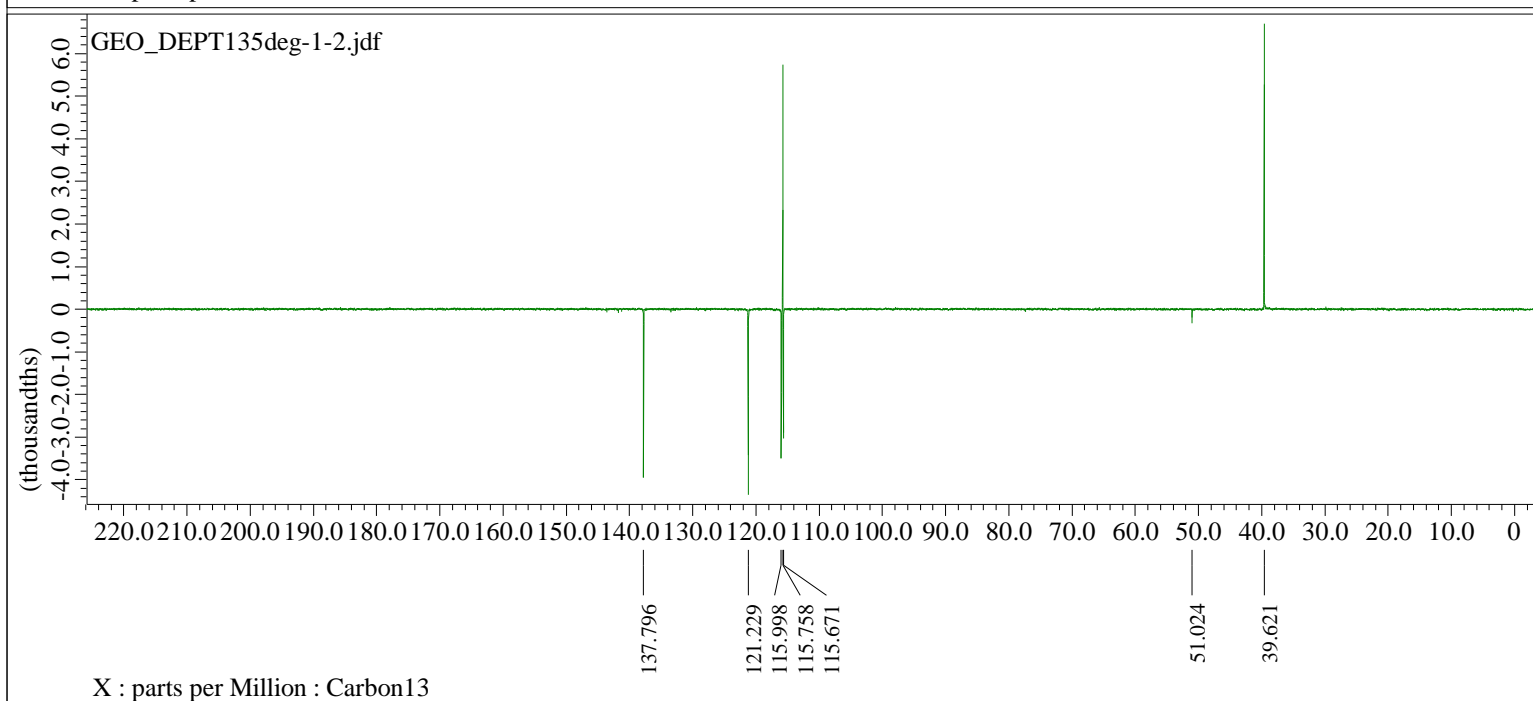
---- PROCESSING PARAMETERS ----
sexp(2.0[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
ppm

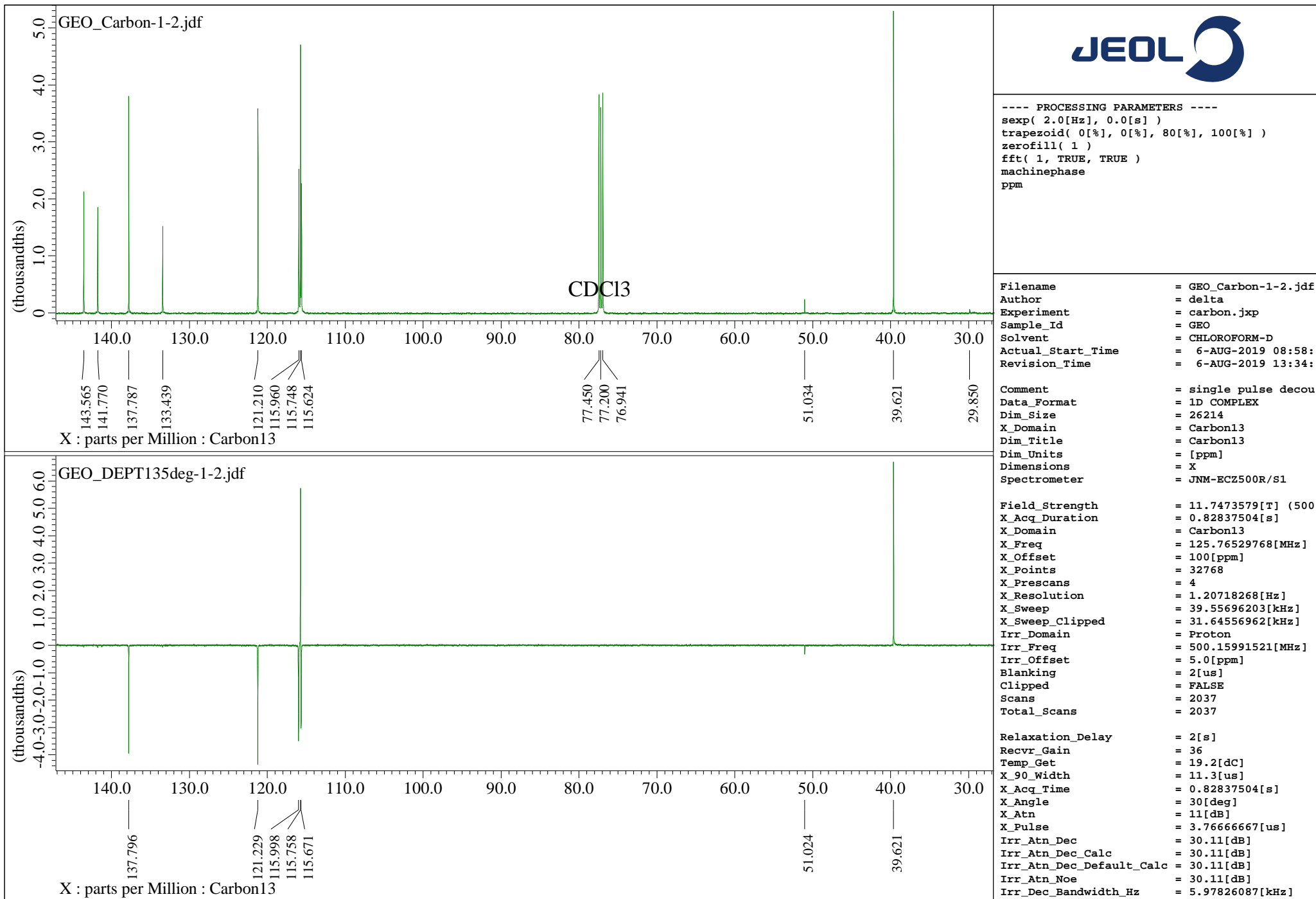
Filename = GEO_Carbon-1-2.jdf
Author = delta
Experiment = carbon.jxp
Sample_Id = GEO
Solvent = CHLOROFORM-D
Actual_Start_Time = 6-AUG-2019 08:58:
Revision_Time = 6-AUG-2019 13:34:

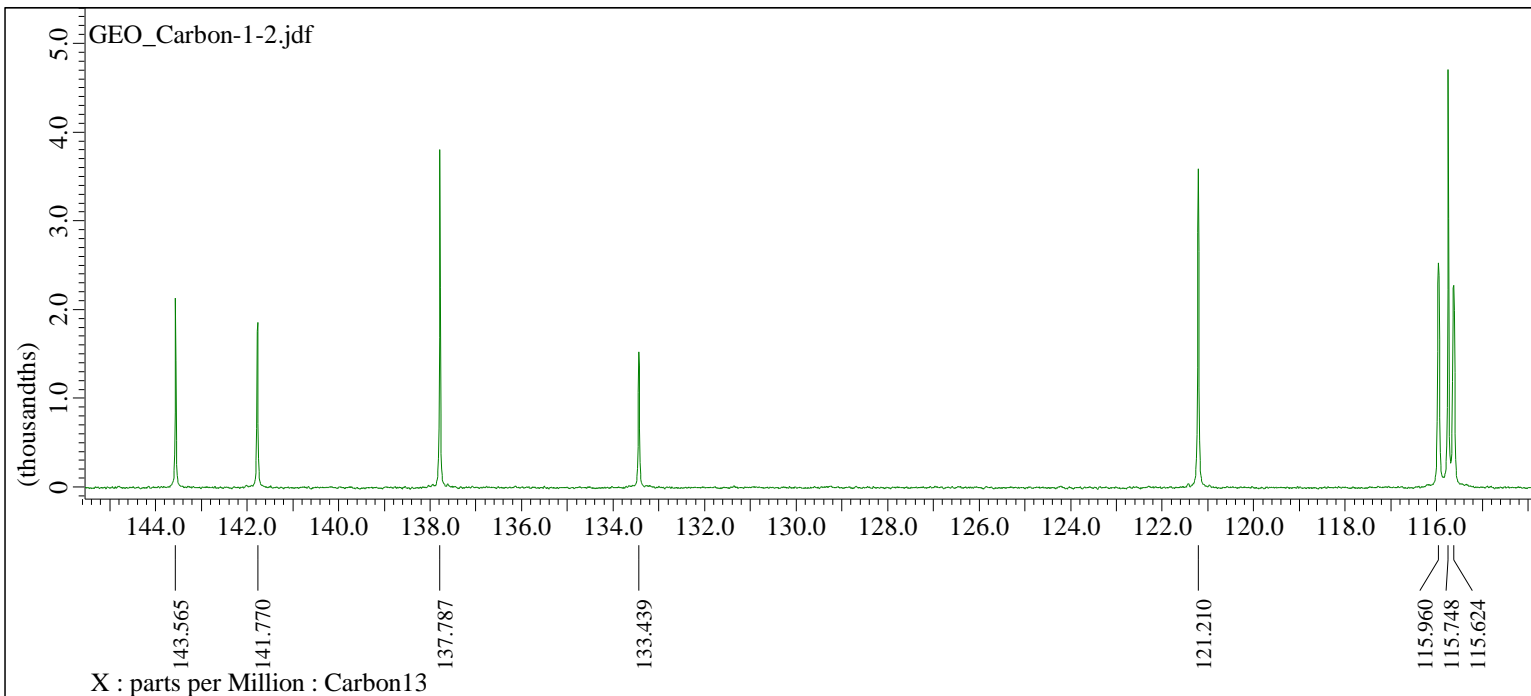
Comment = single pulse decou
Data_Format = 1D COMPLEX
Dim_Size = 26214
X_Domain = Carbon13
Dim_Title = Carbon13
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500
X_Acq_Duration = 0.82837504[s]
X_Domain = Carbon13
X_Freq = 125.76529768[MHz]
X_Offset = 100[ppm]
X_Points = 32768
X_Prescans = 4
X_Resolution = 1.20718268[Hz]
X_Sweep = 39.55696203[kHz]
X_Sweep_Clippped = 31.64556962[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 2037
Total_Scans = 2037

Relaxation_Delay = 2[s]
Recvr_Gain = 36
Temp_Get = 19.2[dC]
X_90_Width = 11.3[us]
X_Acq_Time = 0.82837504[s]
X_Angle = 30[deg]
X_Atn = 11[dB]
X_Pulse = 3.76666667[us]
Irr_Atn_Dec = 30.11[dB]
Irr_Atn_Dec_Calc = 30.11[dB]
Irr_Atn_Dec_Default_Calc = 30.11[dB]
Irr_Atn_No = 30.11[dB]
Irr_Dec_Bandwidth_Hz = 5.97826087[kHz]







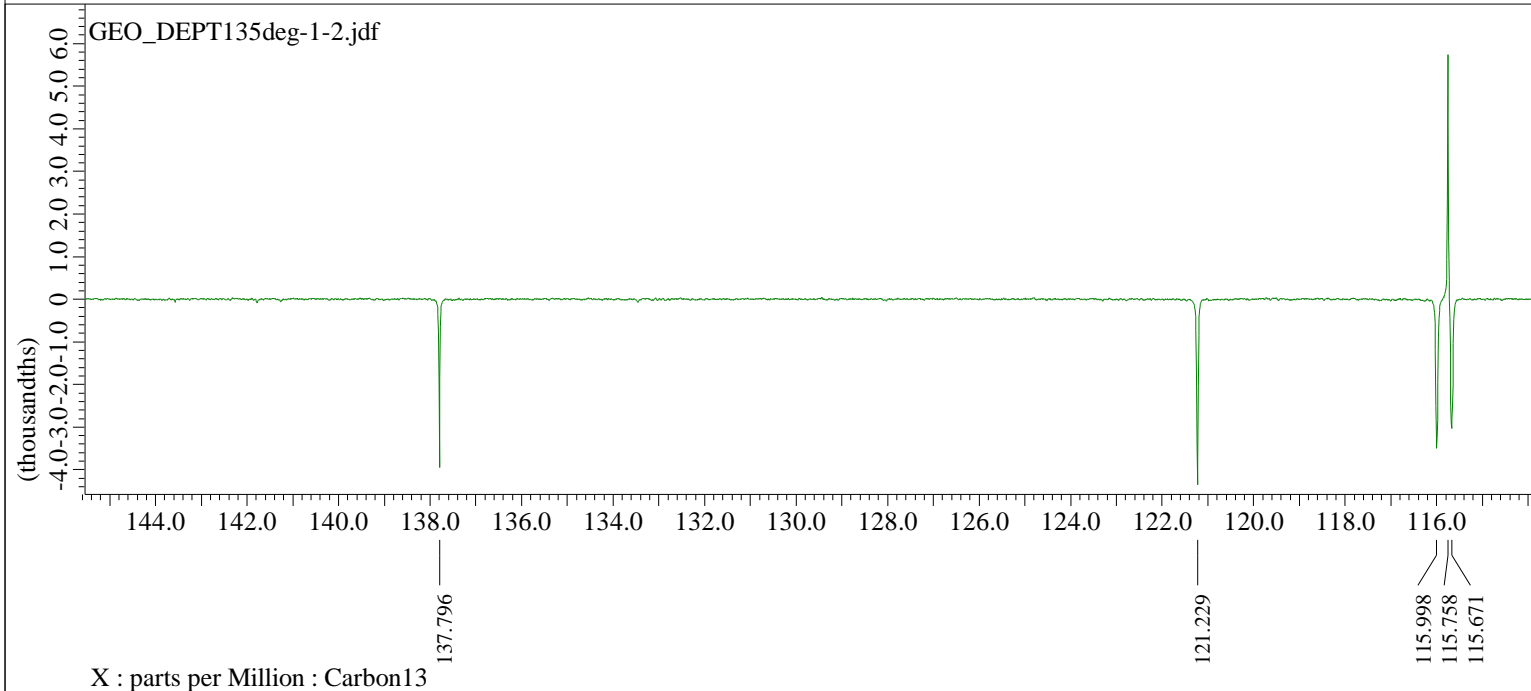
---- PROCESSING PARAMETERS ----
sexp(2.0[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
ppm

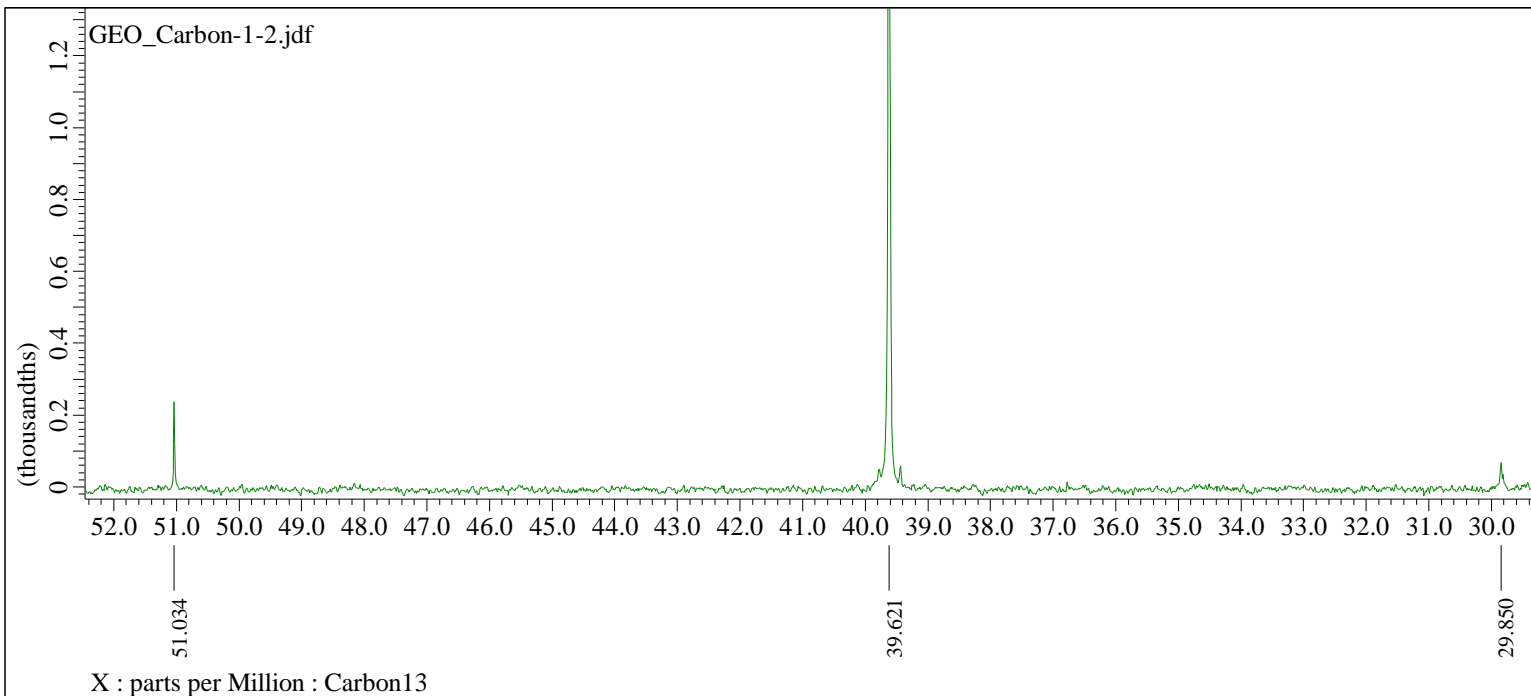
Filename = GEO_Carbon-1-2.jdf
Author = delta
Experiment = carbon.jxp
Sample_Id = GEO
Solvent = CHLOROFORM-D
Actual_Start_Time = 6-AUG-2019 08:58:
Revision_Time = 6-AUG-2019 13:34:

Comment = single pulse decou
Data_Format = 1D COMPLEX
Dim_Size = 26214
X_Domain = Carbon13
Dim_Title = Carbon13
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500
X_Acq_Duration = 0.82837504[s]
X_Domain = Carbon13
X_Freq = 125.76529768[MHz]
X_Offset = 100[ppm]
X_Points = 32768
X_Prescans = 4
X_Resolution = 1.20718268[Hz]
X_Sweep = 39.55696203[kHz]
X_Sweep_Clipped = 31.64556962[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 2037
Total_Scans = 2037

Relaxation_Delay = 2[s]
Recvr_Gain = 36
Temp_Get = 19.2[dC]
X_90_Width = 11.3[us]
X_Acq_Time = 0.82837504[s]
X_Angle = 30[deg]
X_Atn = 11[dB]
X_Pulse = 3.76666667[us]
Irr_Atn_Dec = 30.11[dB]
Irr_Atn_Dec_Calc = 30.11[dB]
Irr_Atn_Dec_Default_Calc = 30.11[dB]
Irr_Atn_No = 30.11[dB]
Irr_Dec_Bandwidth_Hz = 5.97826087[kHz]





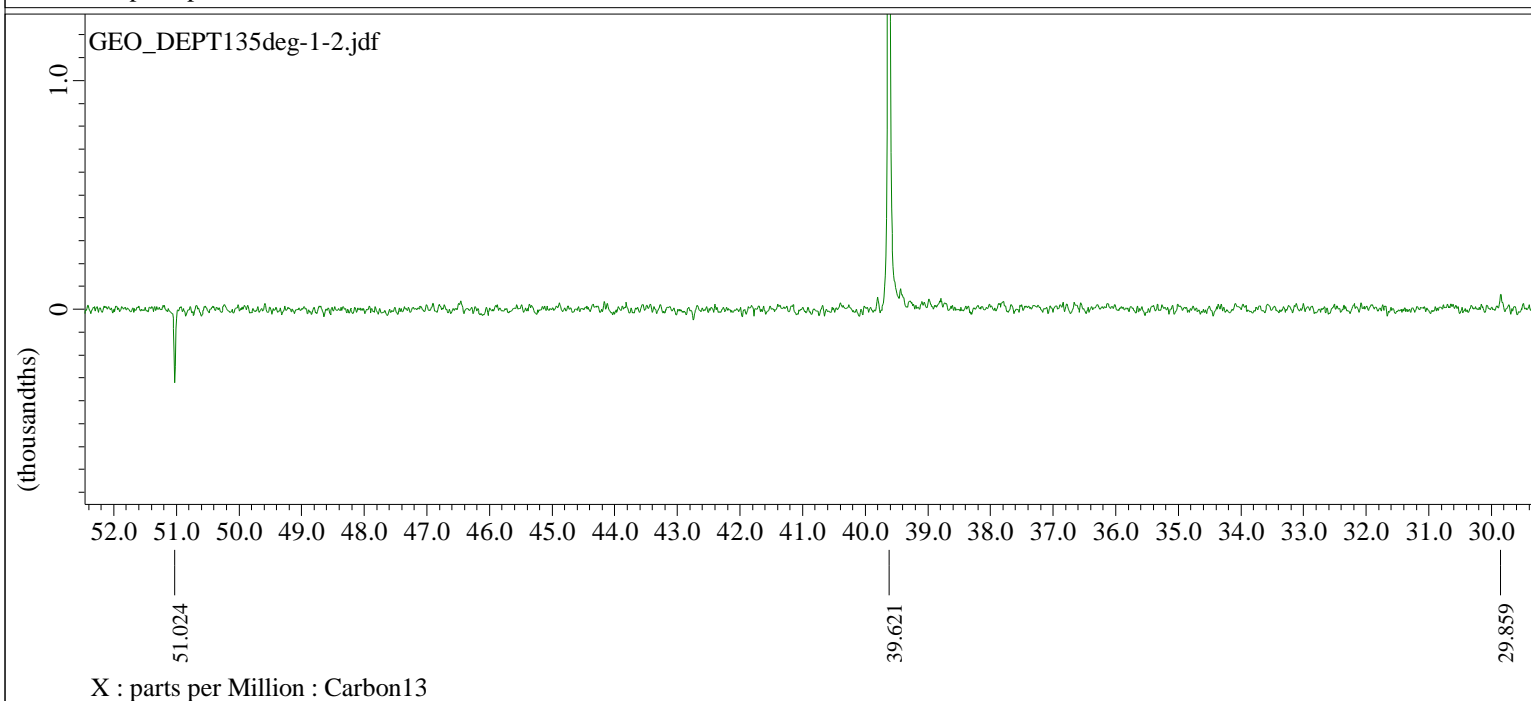
---- PROCESSING PARAMETERS ----
sexp(2.0[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
peak_pick(0[Hz], 50[Hz], Peaks, 0[Hz])
ppm

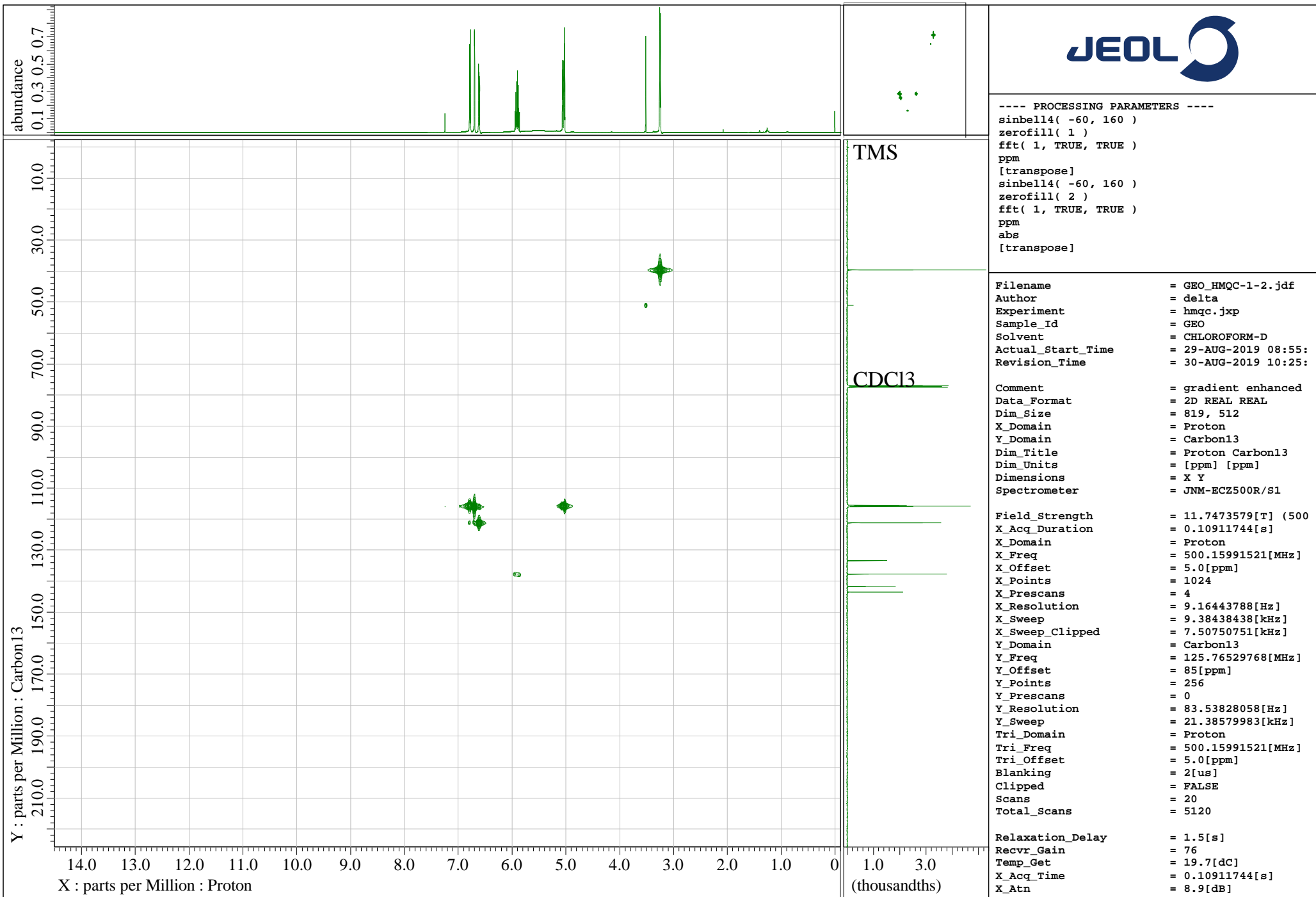
Filename = GEO_DEPT135deg-1-2
Author = delta
Experiment = dept.jxp
Sample_Id = GEO
Solvent = CHLOROFORM-D
Actual_Start_Time = 29-AUG-2019 14:10:
Revision_Time = 30-AUG-2019 10:22:

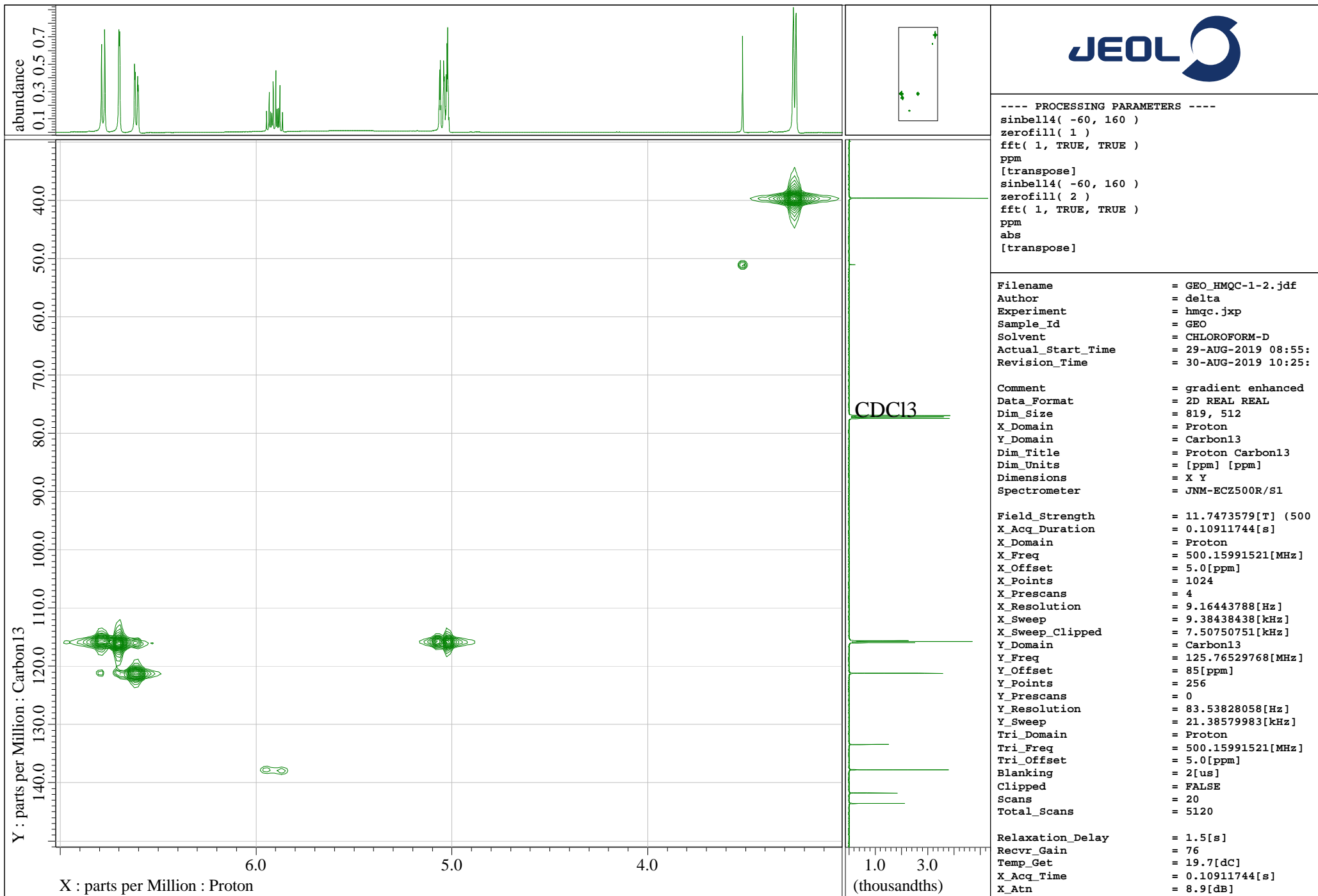
Comment = DEPT with decoupli
Data_Format = 1D COMPLEX
Dim_Size = 26214
X_Domain = Carbon13
Dim_Title = Carbon13
Dim_Units = [ppm]
Dimensions = X
Spectrometer = JNM-ECZ500R/S1

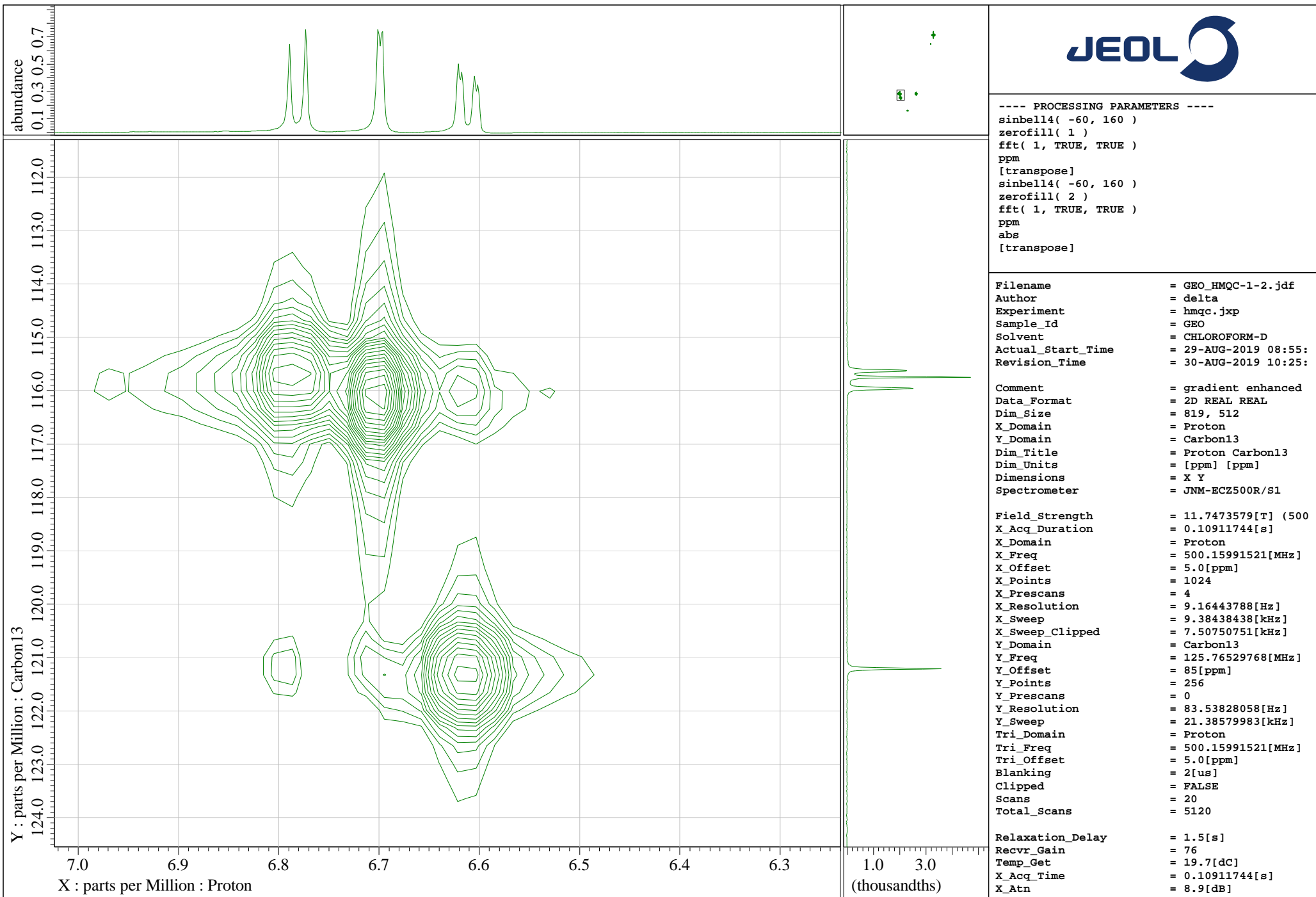
Field_Strength = 11.7473579[T] (500
X_Acq_Duration = 0.82837504[s]
X_Domain = Carbon13
X_Freq = 125.76529768[MHz]
X_Offset = 100[ppm]
X_Points = 32768
X_Prescans = 4
X_Resolution = 1.20718268[Hz]
X_Sweep = 39.55696203[kHz]
X_Sweep_Clippped = 31.64556962[kHz]
Irr_Domain = Proton
Irr_Freq = 500.15991521[MHz]
Irr_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 473
Total_Scans = 473

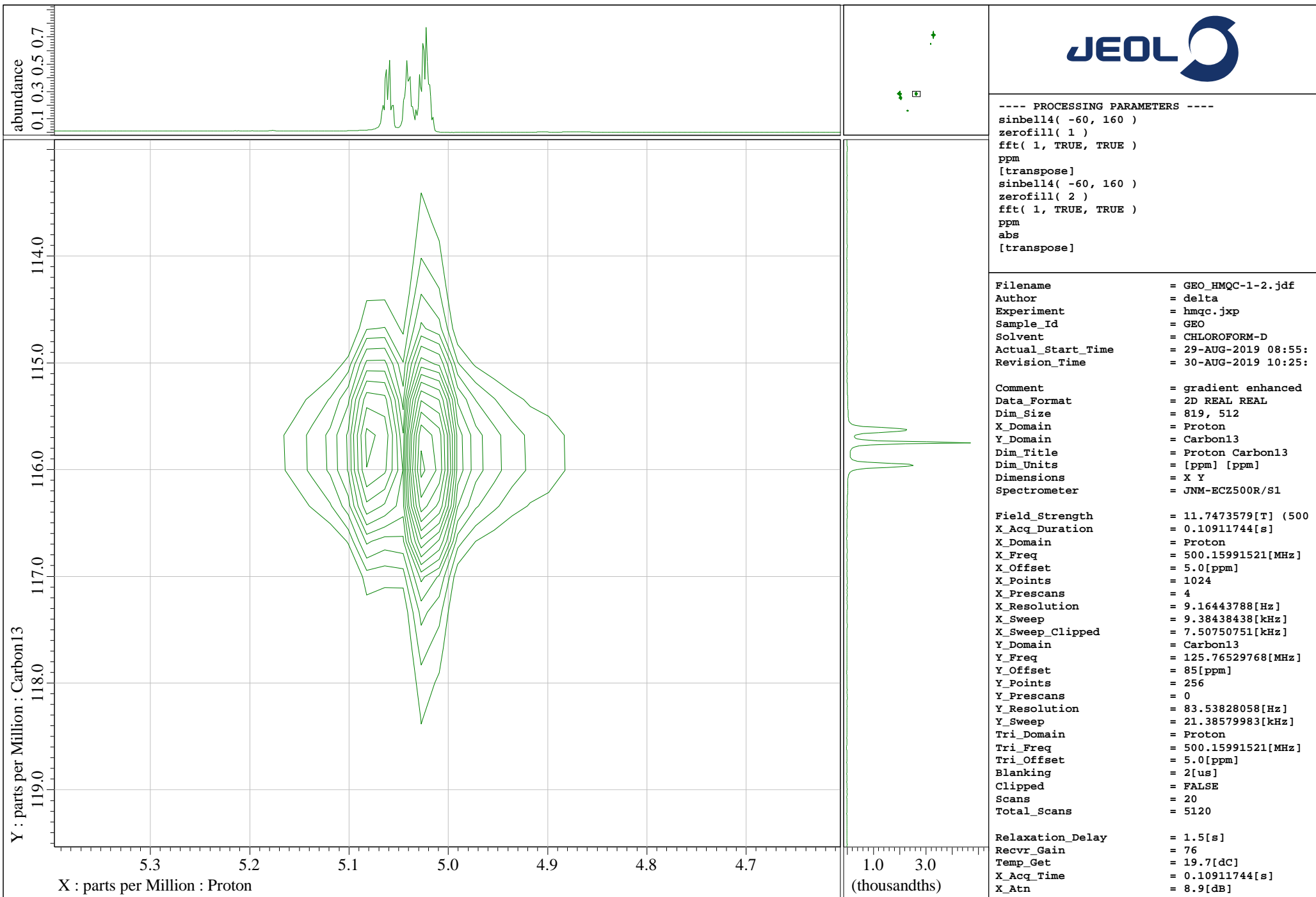
Relaxation_Delay = 2[s]
Recvr_Gain = 36
Temp_Get = 20.1[dC]
X_Acq_Time = 0.82837504[s]
X_Atn = 11[dB]
X_Pulse = 11.3[us]
Irr_Atn = 8.9[dB]
Irr_Atn_Dec = 30.11[dB]
Irr_Atn_Dec_Calc = 30.11[dB]
Irr_Atn_Dec_Default_Calc = 30.11[dB]
Irr_Dec_Bandwidth_Hz = 5.97826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.9526989[ppm]
Irr_Dec_Freq = 500.15991521[MHz]

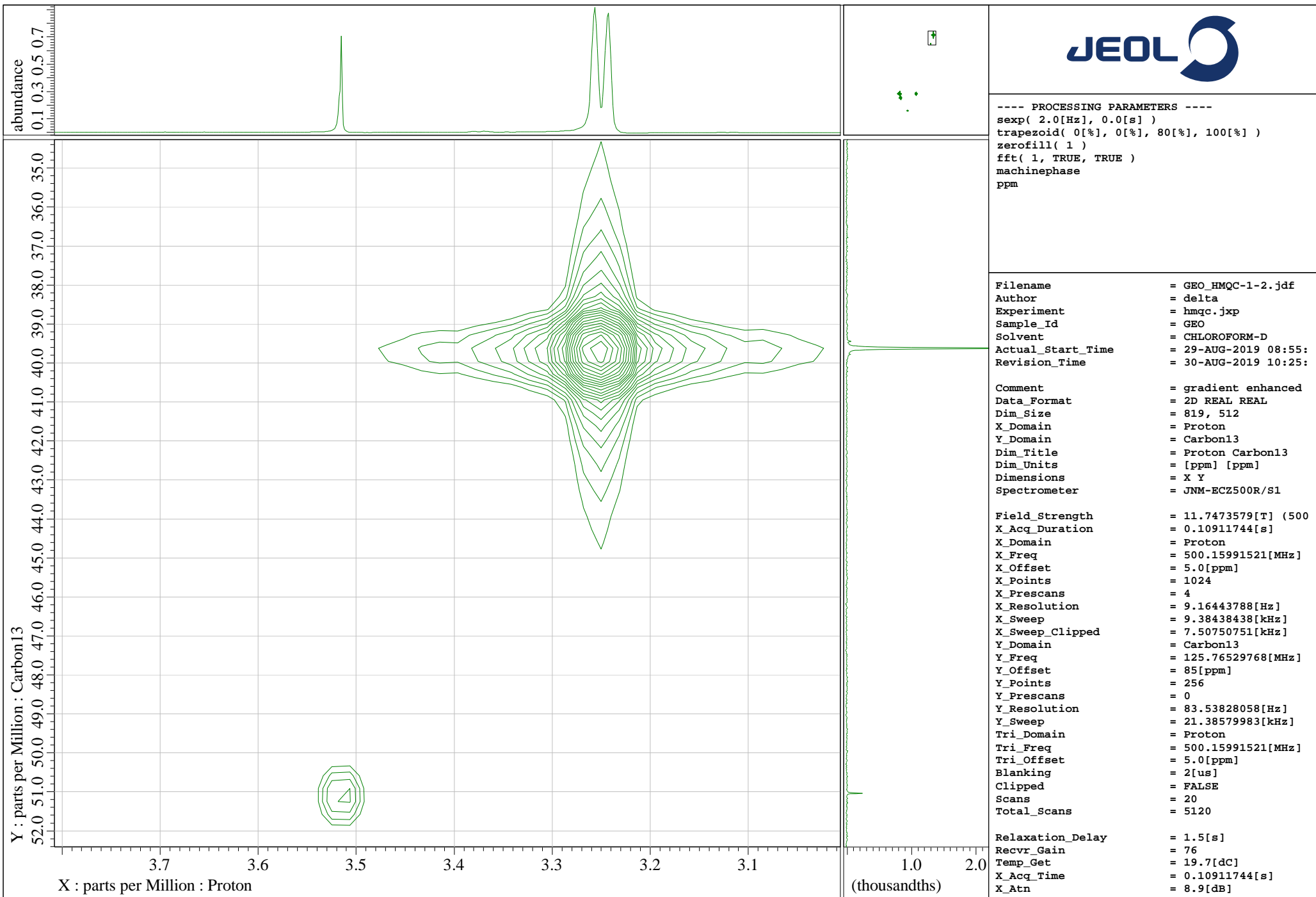


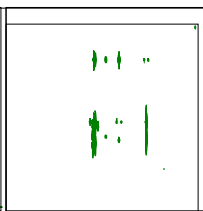
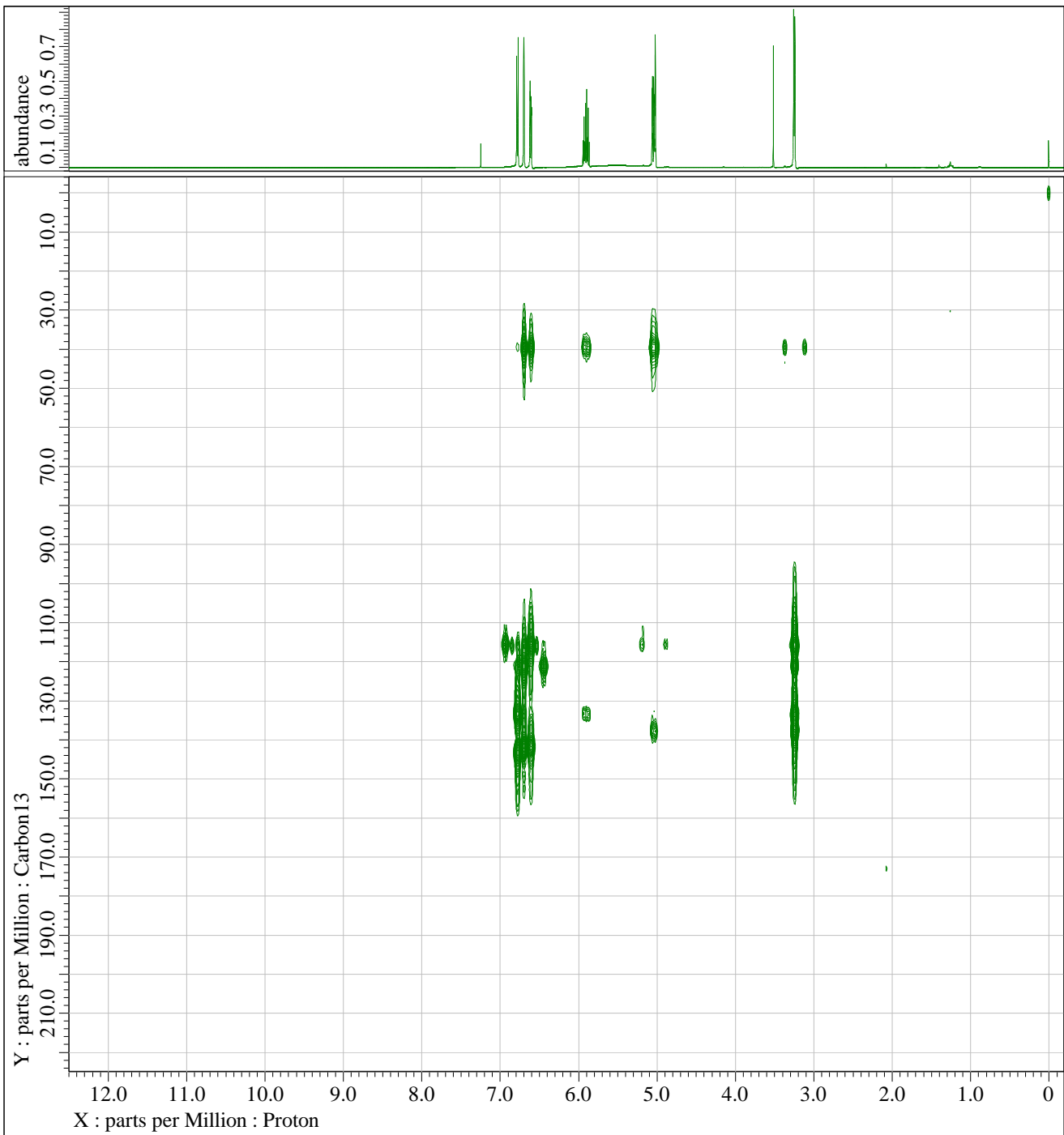












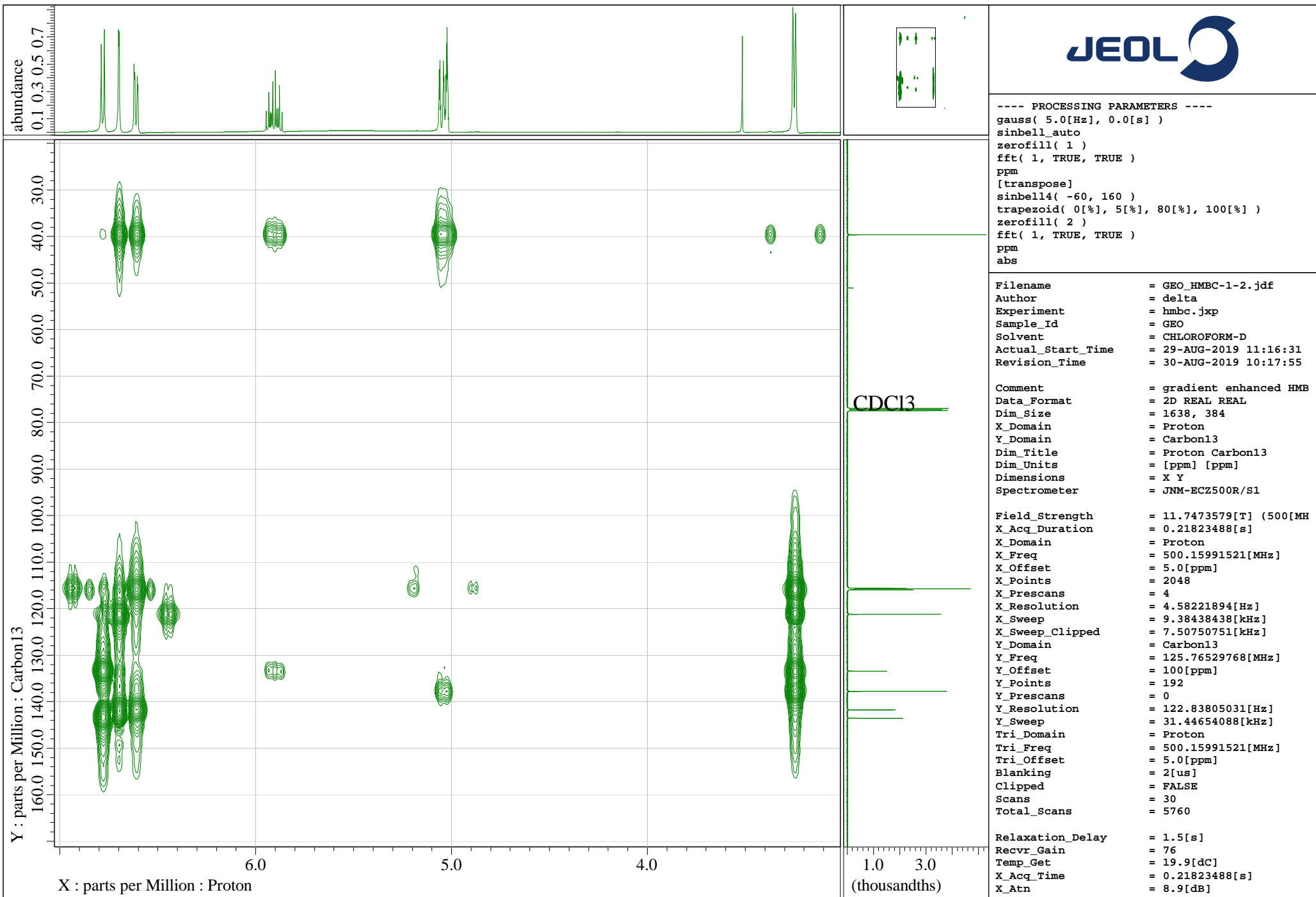
---- PROCESSING PARAMETERS ----
gauss(5.0[Hz], 0.0[s])
sinbell_auto
zerofill(1)
fft(1, TRUE, TRUE)
ppm
[transpose]
sinbell4(-60, 160)
trapezoid(0[%], 5[%], 80[%], 100[%])
zerofill(2)
fft(1, TRUE, TRUE)
ppm
abs

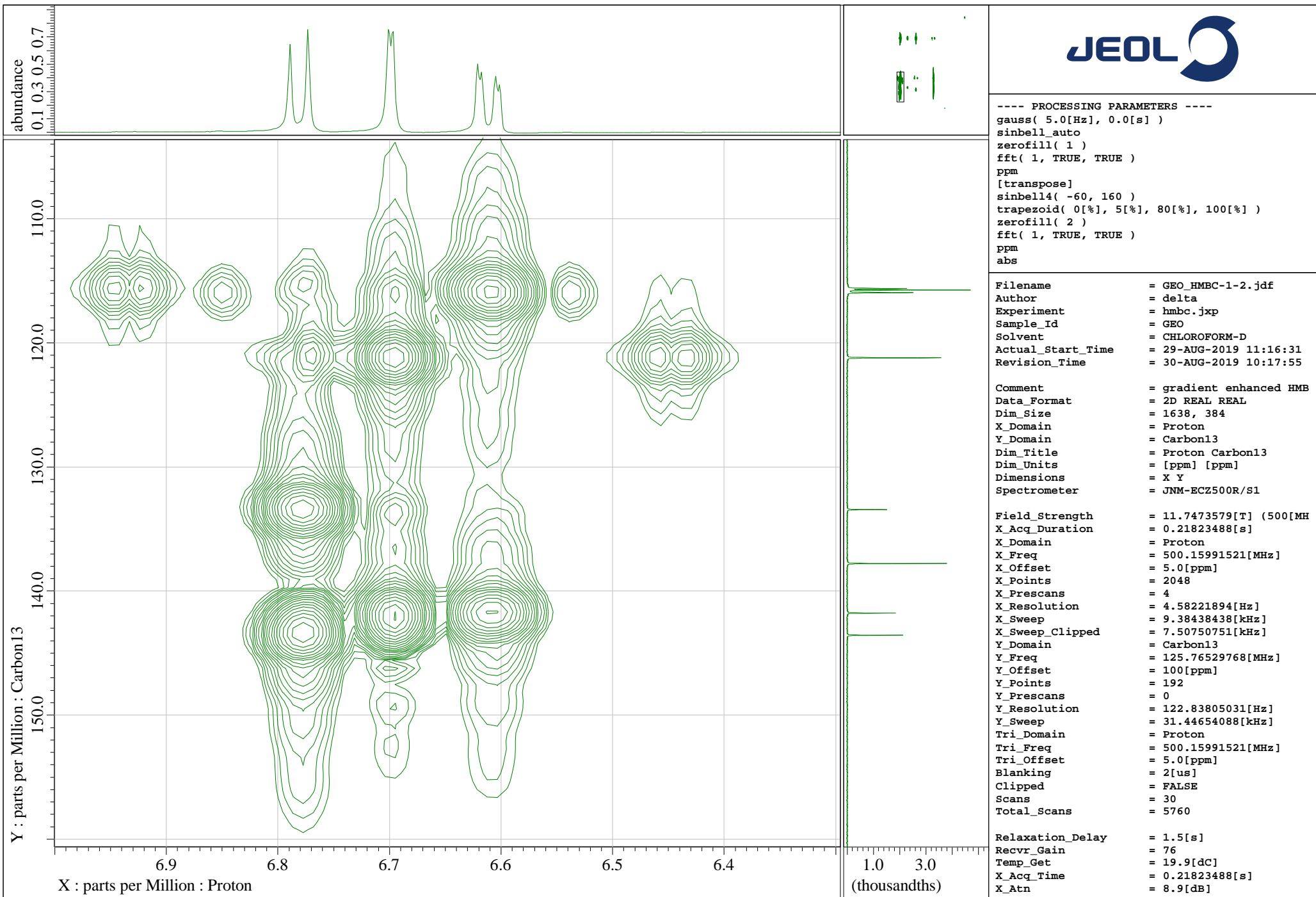
TMS

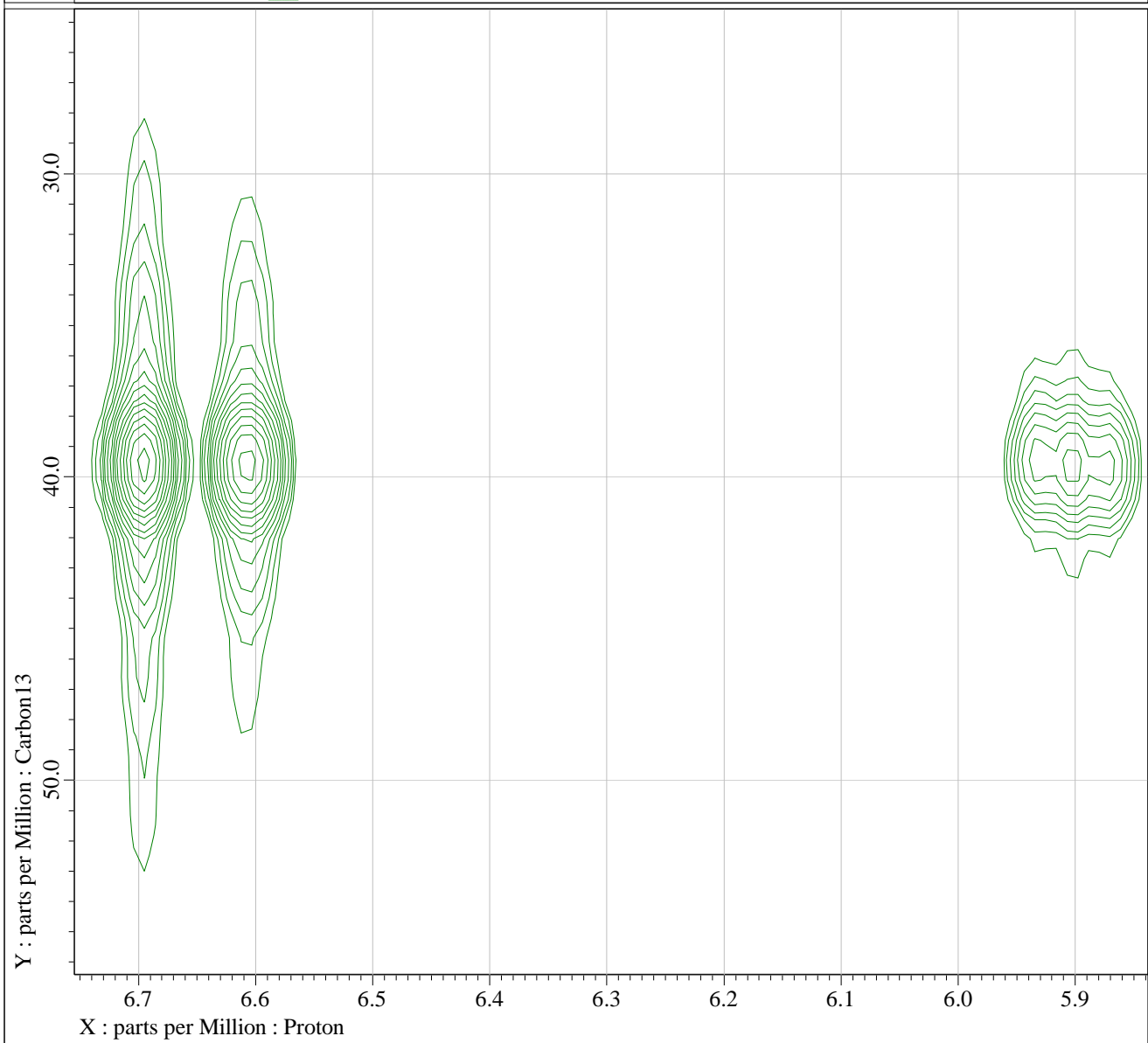
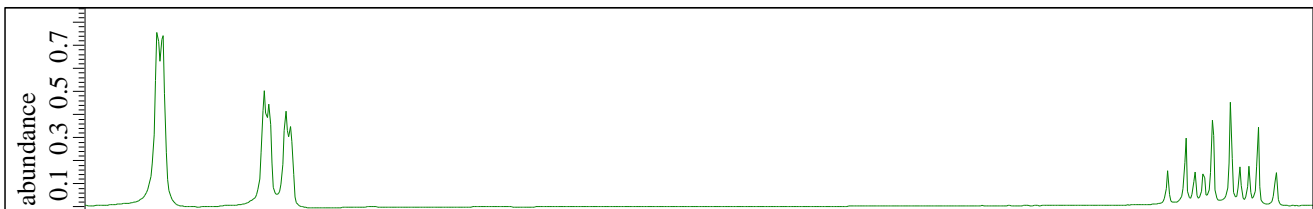
CDC13

Filename	= GEO_HMBC-1-2.jdf
Author	= delta
Experiment	= hmbc.jxp
Sample_Id	= GEO
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 29-AUG-2019 11:16:31
Revision_Time	= 30-AUG-2019 10:17:55
Comment	= gradient enhanced HMB
Data_Format	= 2D REAL REAL
Dim_Size	= 1638, 384
X_Domain	= Proton
Y_Domain	= Carbon13
Dim_Title	= Proton Carbon13
Dim_Units	= [ppm] [ppm]
Dimensions	= X Y
Spectrometer	= JNM-ECZ500R/S1
Field_Strength	= 11.7473579[T] (500[MH
X_Acq_Duration	= 0.21823488[s]
X_Domain	= Proton
X_Freq	= 500.15991521[MHz]
X_Offset	= 5.0[ppm]
X_Points	= 2048
X_Prescans	= 4
X_Resolution	= 4.58221894[Hz]
X_Sweep	= 9.38438438[kHz]
X_Sweep_Clippped	= 7.50750751[kHz]
Y_Domain	= Carbon13
Y_Freq	= 125.76529768[MHz]
Y_Offset	= 100[ppm]
Y_Points	= 192
Y_Prescans	= 0
Y_Resolution	= 122.83805031[Hz]
Y_Sweep	= 31.44654088[kHz]
Tri_Domain	= Proton
Tri_Freq	= 500.15991521[MHz]
Tri_Offset	= 5.0[ppm]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 30
Total_Scans	= 5760
Relaxation_Delay	= 1.5[s]
Recvr_Gain	= 76
Temp_Get	= 19.9[dC]
X_Acq_Time	= 0.21823488[s]
X_Atn	= 8.9[dB]

(thousandths)







---- PROCESSING PARAMETERS ----
sexp(2.0[Hz], 0.0[s])
trapezoid(0[%], 0[%], 80[%], 100[%])
zerofill(1)
fft(1, TRUE, TRUE)
machinephase
ppm

Filename = GEO_HMBC-1-2.jdf
Author = delta
Experiment = hmbc.jxp
Sample_Id = GEO
Solvent = CHLOROFORM-D
Actual_Start_Time = 29-AUG-2019 11:16:31
Revision_Time = 30-AUG-2019 10:17:55

Comment = gradient enhanced HMB
Data_Format = 2D REAL REAL
Dim_Size = 1638, 384
X_Domain = Proton
Y_Domain = Carbon13
Dim_Title = Proton Carbon13
Dim_Units = [ppm] [ppm]
Dimensions = X Y
Spectrometer = JNM-ECZ500R/S1

Field_Strength = 11.7473579[T] (500[MH
X_Acq_Duration = 0.21823488[s]
X_Domain = Proton
X_Freq = 500.15991521[MHz]
X_Offset = 5.0[ppm]
X_Points = 2048
X_Prescans = 4
X_Resolution = 4.58221894[Hz]
X_Sweep = 9.38438438[kHz]
X_Sweep_Clippped = 7.50750751[kHz]
Y_Domain = Carbon13
Y_Freq = 125.76529768[MHz]
Y_Offset = 100[ppm]
Y_Points = 192
Y_Prescans = 0
Y_Resolution = 122.83805031[Hz]
Y_Sweep = 31.44654088[kHz]
Tri_Domain = Proton
Tri_Freq = 500.15991521[MHz]
Tri_Offset = 5.0[ppm]
Blanking = 2[us]
Clipped = FALSE
Scans = 30
Total_Scans = 5760

Relaxation_Delay = 1.5[s]
Recvr_Gain = 76
Temp_Get = 19.9[dc]
X_Acq_Time = 0.21823488[s]
X_Atn = 8.9[dB]

