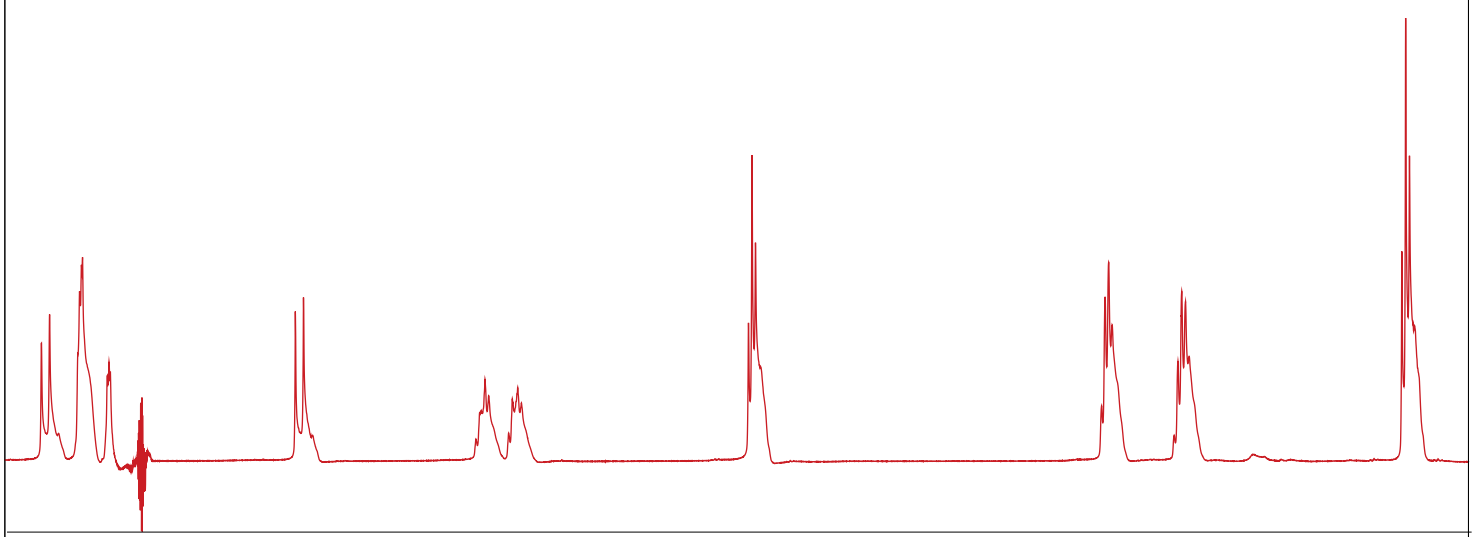
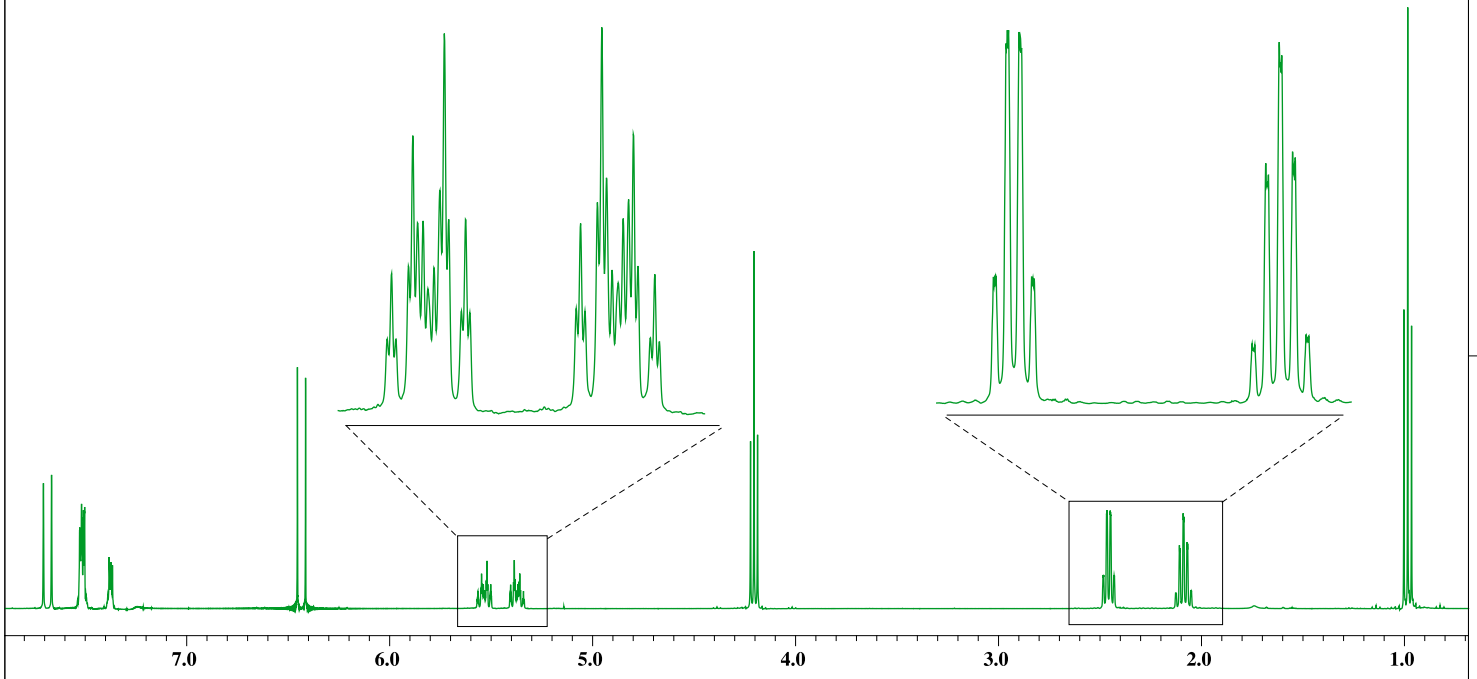
Before Gradient Shimming



After 2 iterations of automatic ^{1}H gradient shimming, no deuterated solvent - no manual retouching of shims

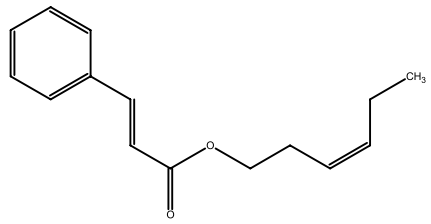



```
Filename          = cinnamate_single_puls
Author            = ecx400ws
Experiment        = single_pulse_wet
Sample_id         = chcl3
Solvent           = NONE
Creation_time     =  4-JAN-2005 11:06:08
Revision_time     =  4-JAN-2005 12:36:48
Current_time      =  4-JAN-2005 12:55:37

Content           = Single Pulse Experime
Data_format       = 1D COMPLEX
Dim_size          = 52428
Dim_title         = 1H
Dim_units         = [ppm]
Dimensions        = X
Site              = ECX 400
Spectrometer      = ECX400

Field_strength    = 9.389766[T] (400[MHz]
X_acq_duration    = 2.18365952[s]
X_domain          = 1H
X_freq            = 399.78219838[MHz]
X_offset          = 5[ppm]
X_points          = 16384
X_prescans        = 4
X_resolution      = 0.45794685[Hz]
X_sweep           = 7.5030012[kHz]
Irr_domain        = 13C
Irr_freq          = 100.52530333[MHz]
Irr_offset        = 77[ppm]
Tri_domain        = 1H
Tri_freq          = 399.78219838[MHz]
Tri_offset        = 5[ppm]
Clipped           = FALSE
Mod_return        = 1
Scans             = 4
Total_scans       = 4

X_acq_time        = 2.18365952[s]
X_atn             = 6[dB]
X_pulse           = 12.498[us]
Irr_atn_dec       = 30[dB]
Irr_noise         = GARP
Tri_mode          = Off
Dante_presat      = FALSE
Initial_wait      = 1[s]
Lock_hold         = FALSE
Recvr_gain        = 36
Relaxation_delay  = 5[s]
Repetition_time   = 7.18365952[s]
Temp_get          = 21.9[dC]
```



cis-3-hexenylcinnamate