

## SUPPLEMENTARY INFORMATION (Part 2)

### Racemic Marinopyrrole B by Total Synthesis

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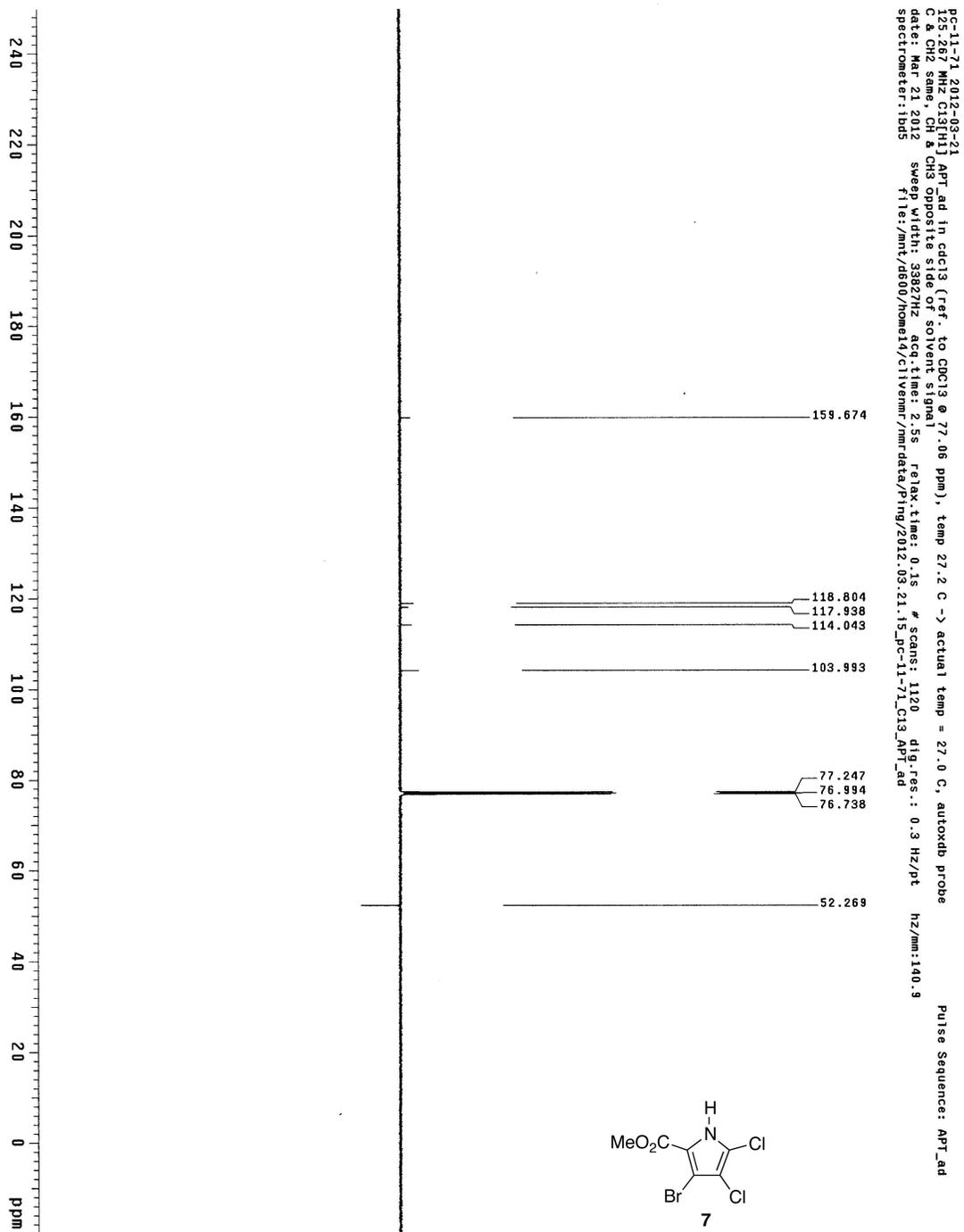
*Chemistry Department, University of Alberta, Edmonton, Alberta T6G 2G2, Canada*

*derrick.clive@ualberta.ca*

#### SPECTRA

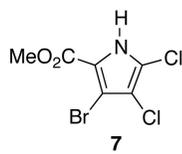
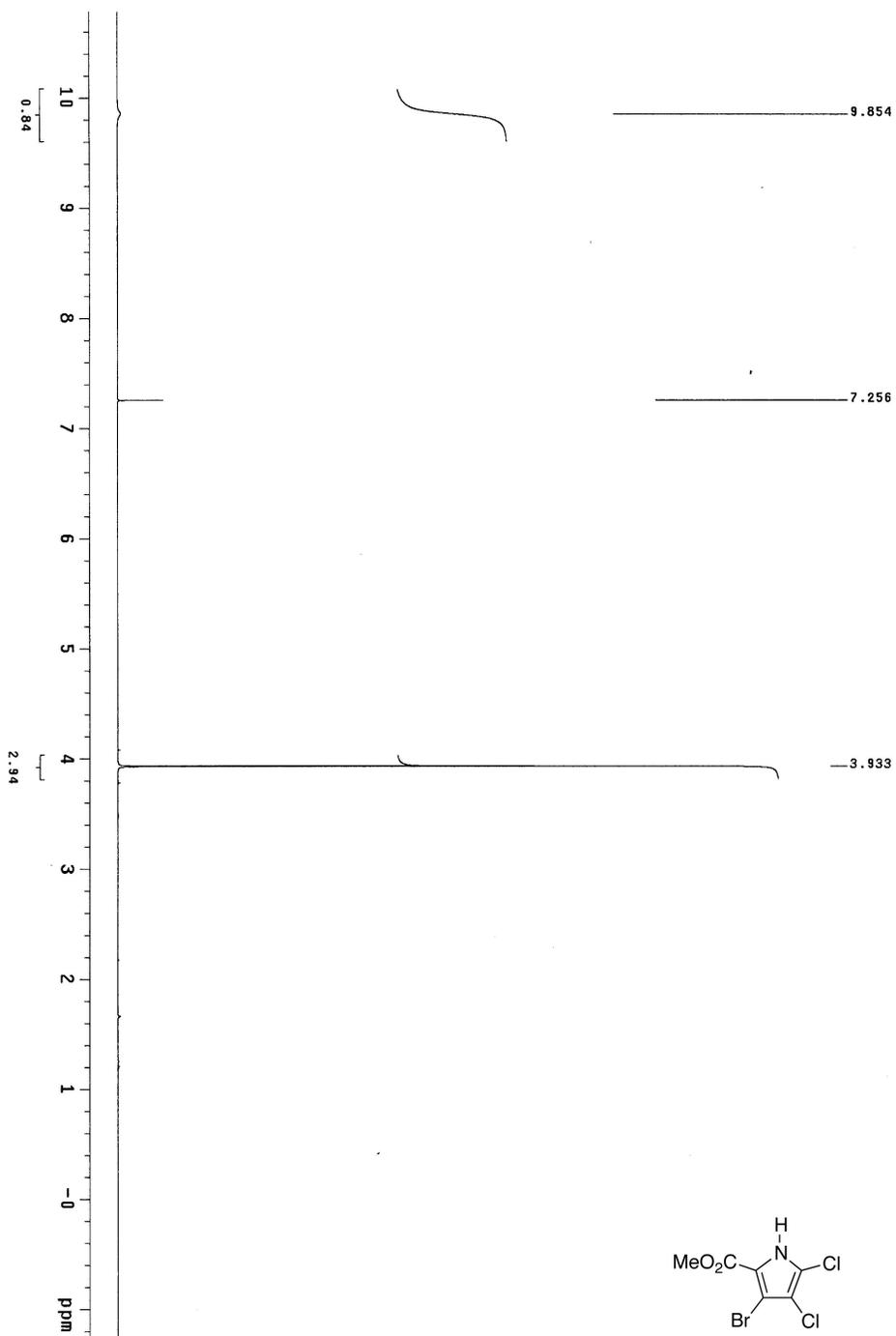
NMR spectra of compound <b>7</b>	S27
NMR spectra of compound <b>8</b>	S29
NMR spectra of compound <b>9</b>	S31
NMR spectrum of compound <b>10</b>	S33
NMR spectra of compound <b>11</b>	S34
NMR spectra of compound <b>12</b>	S36
NMR spectra of compound <b>13</b>	S38
NMR spectra of compound <b>14</b>	S40
NMR spectra of compound <b>16</b>	S42
NMR spectra of compound <b>17</b>	S44
NMR spectra of compound <b>18</b>	S46
NMR spectra of compound <b>19</b>	S48
NMR spectra of compound <b>20</b>	S50

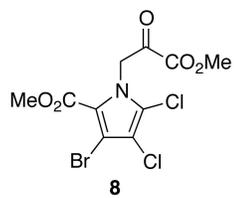
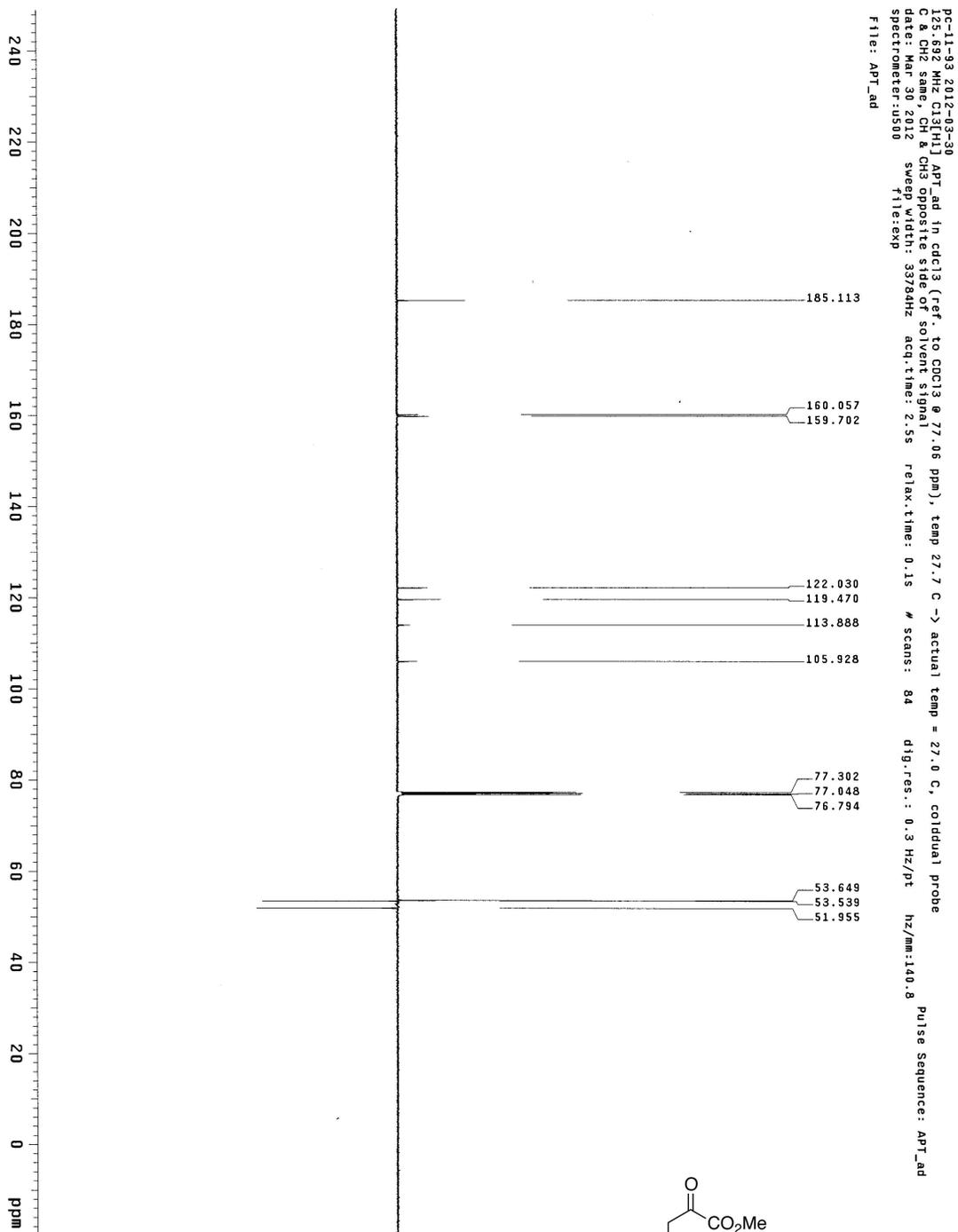
NMR spectrum of compound <b>21</b>	S52
NMR spectra of compound <b>22</b>	S53
NMR spectra of compound <b>23</b>	S55
NMR spectra of (±)-marinopyrrole B	S58
NMR spectra of the pyridine	S60

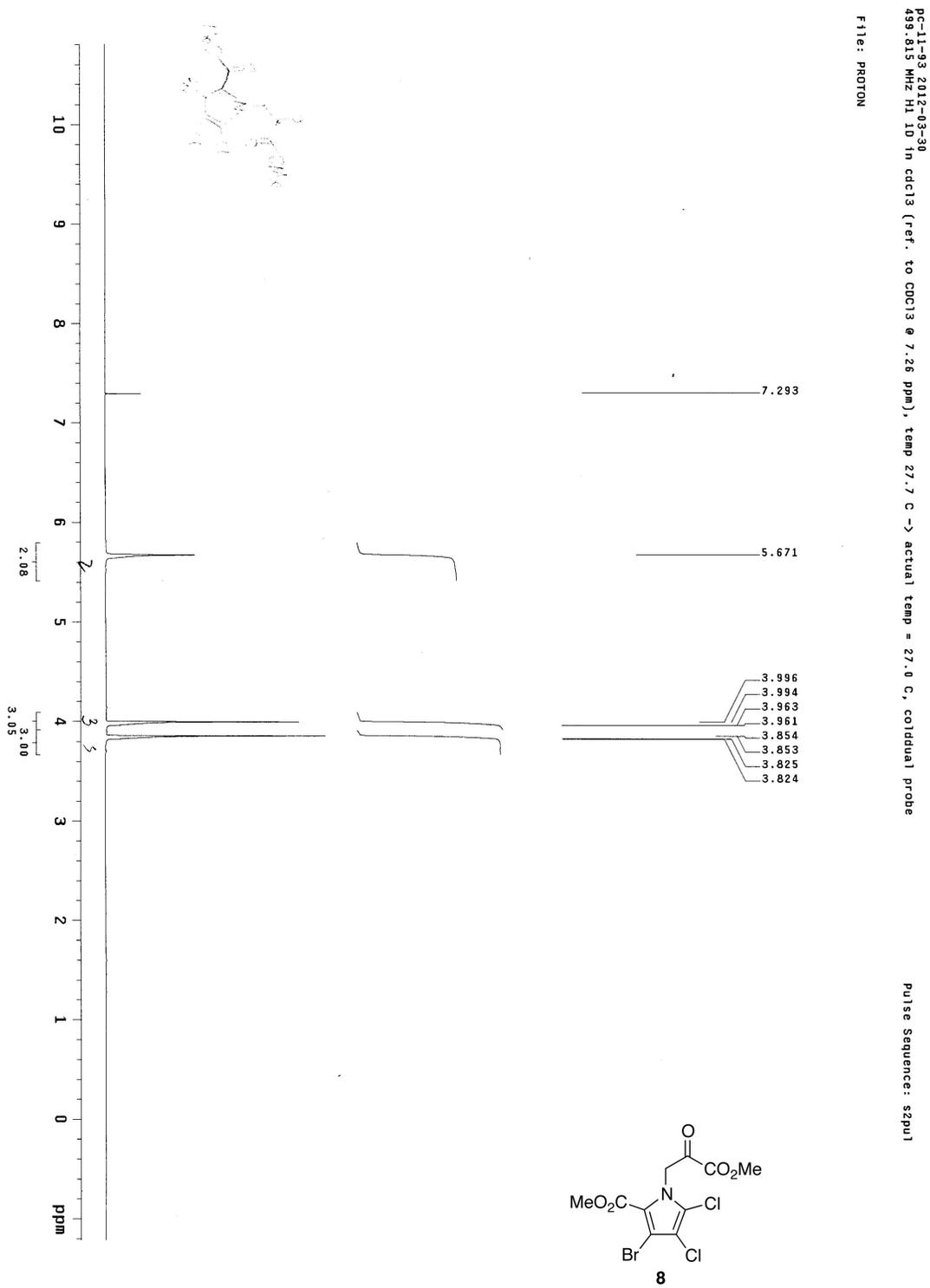


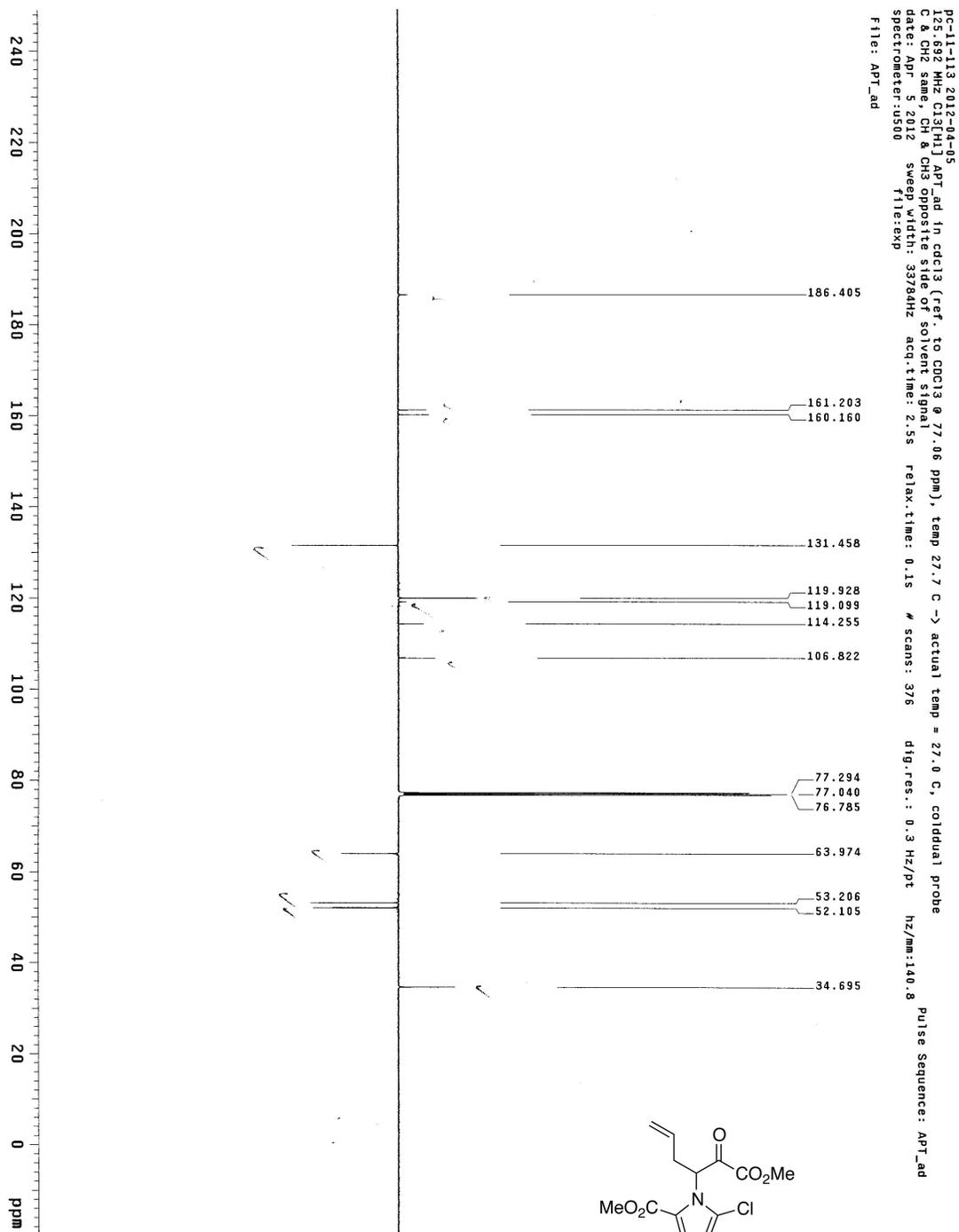
pc-11-71 2012-03-21  
498.122 MHz H1 ID in cdcl3 (ref. to CDCl3 @ 7.26 ppm), temp 27.2 C -> actual temp = 27.0 C, autoxddd probe

Pulse Sequence: szpu1

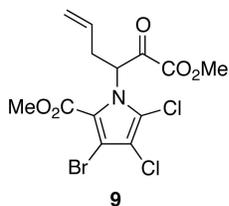
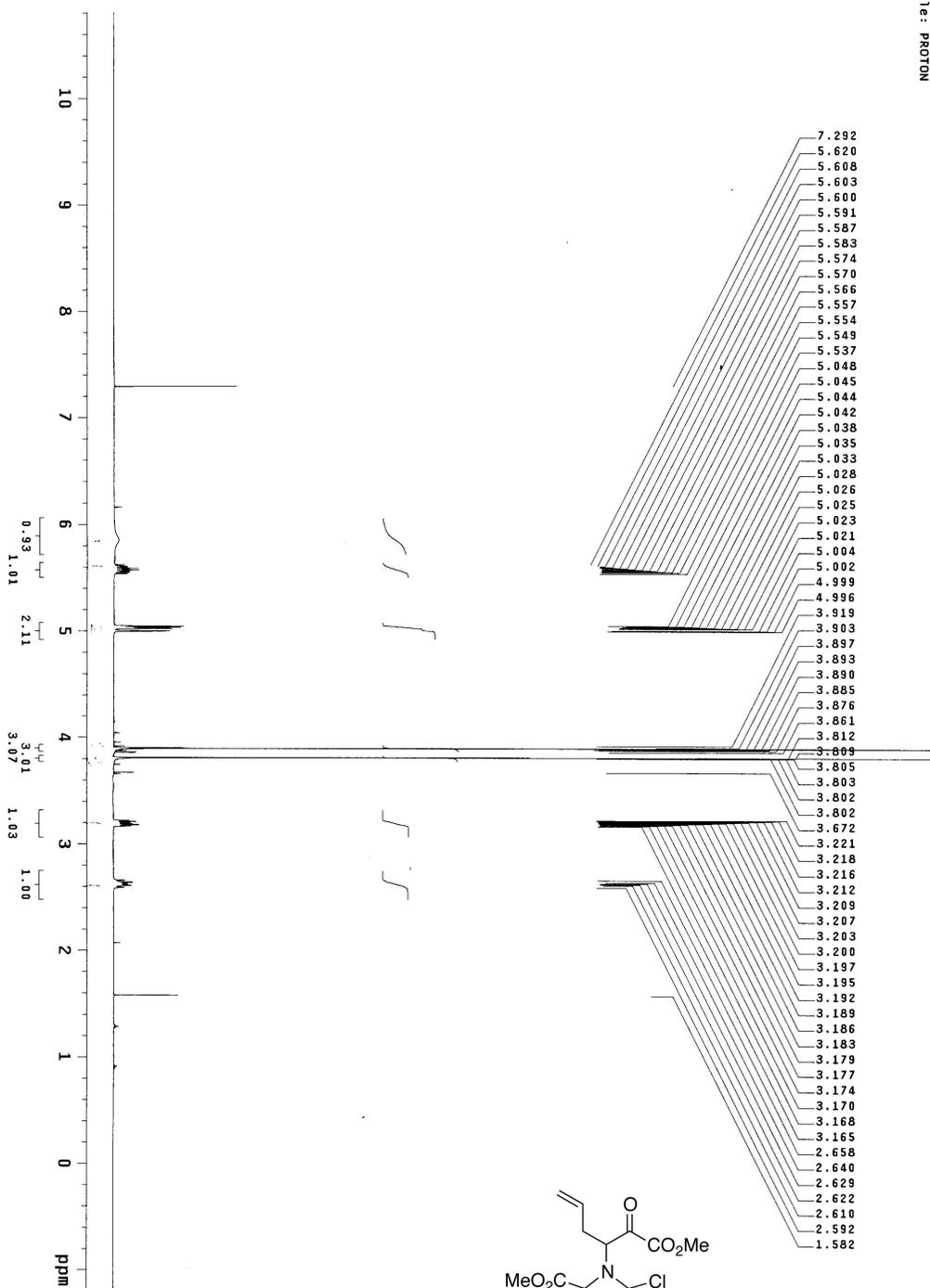


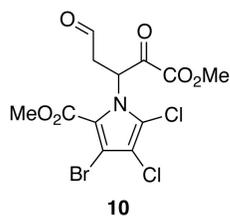
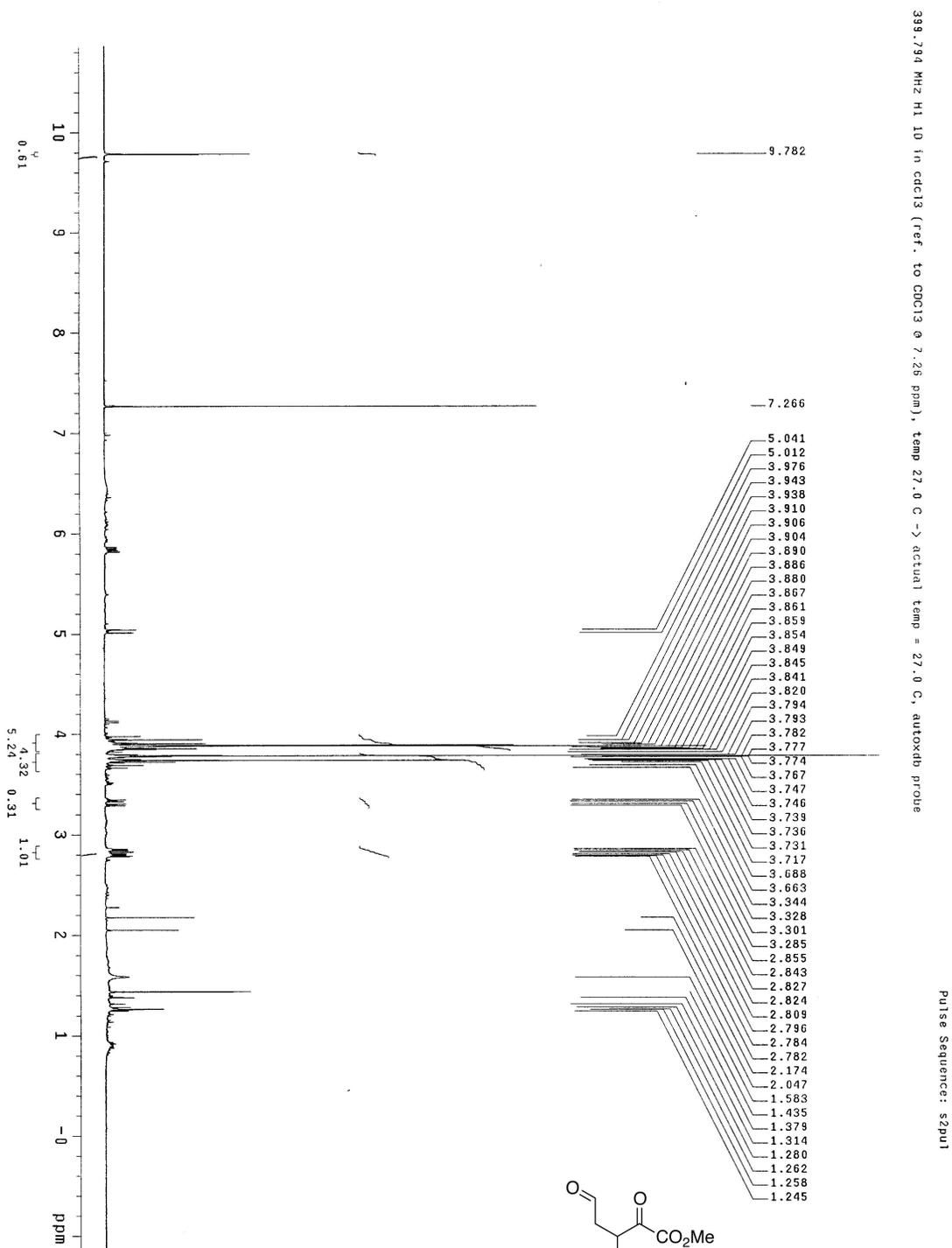


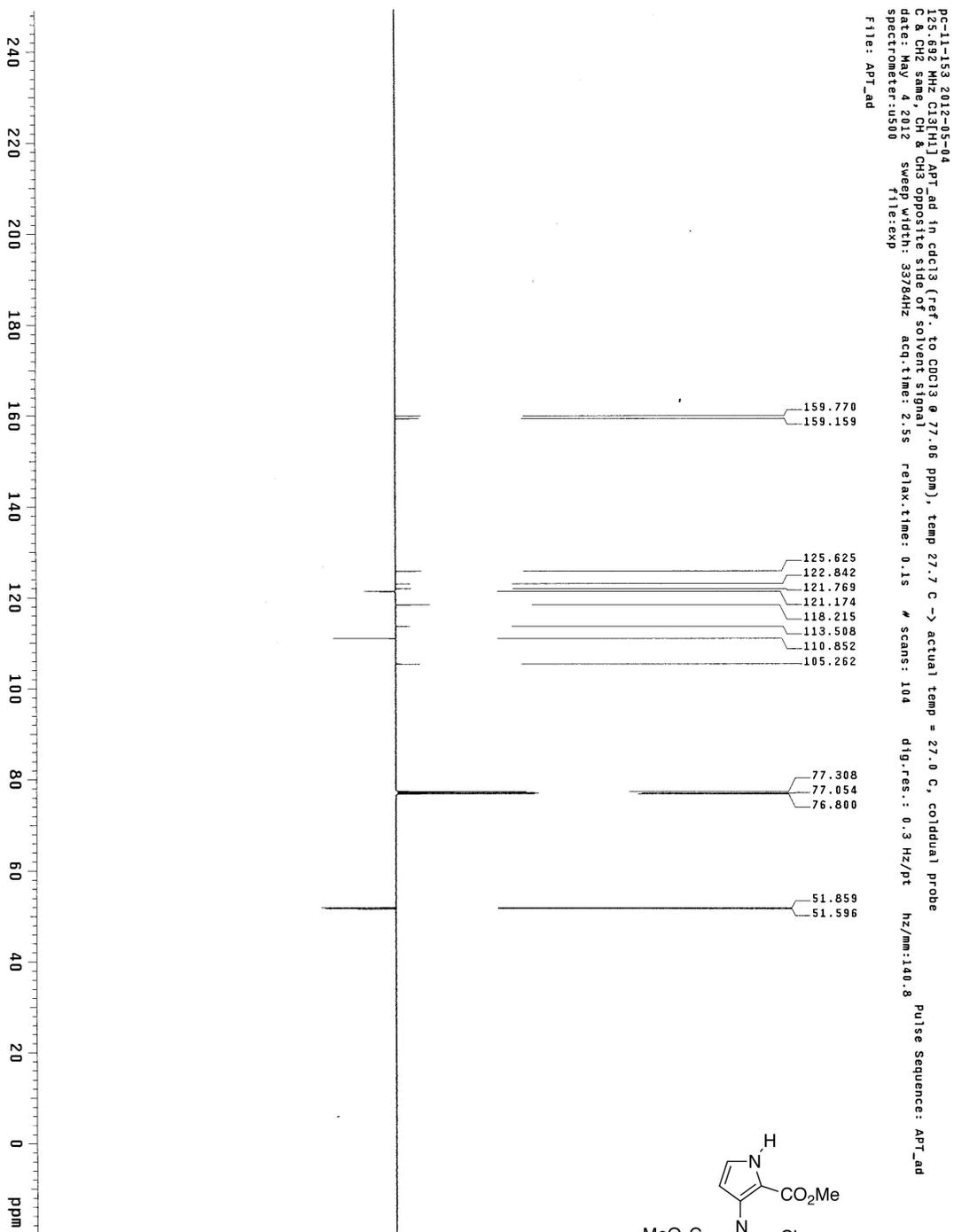


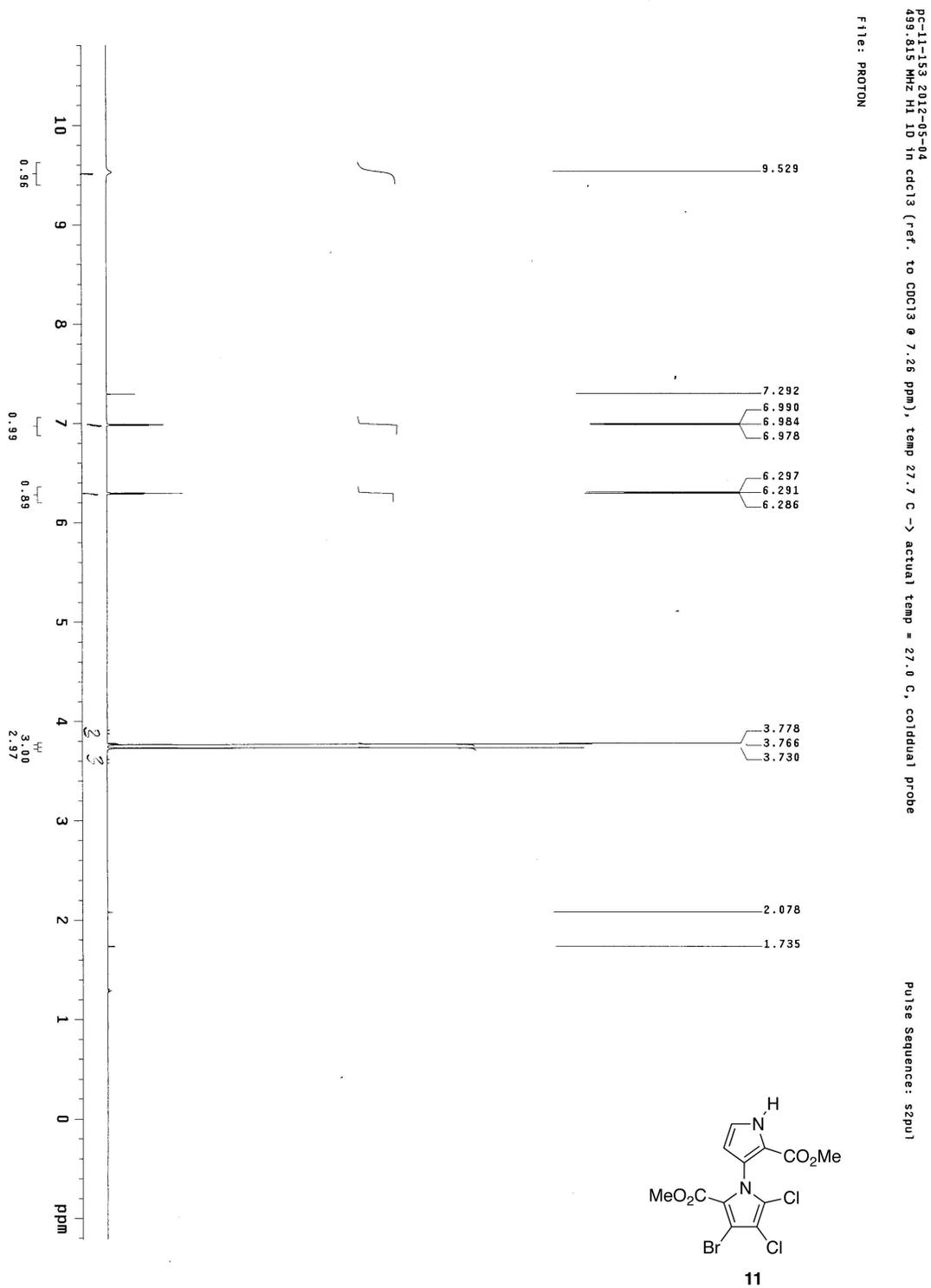


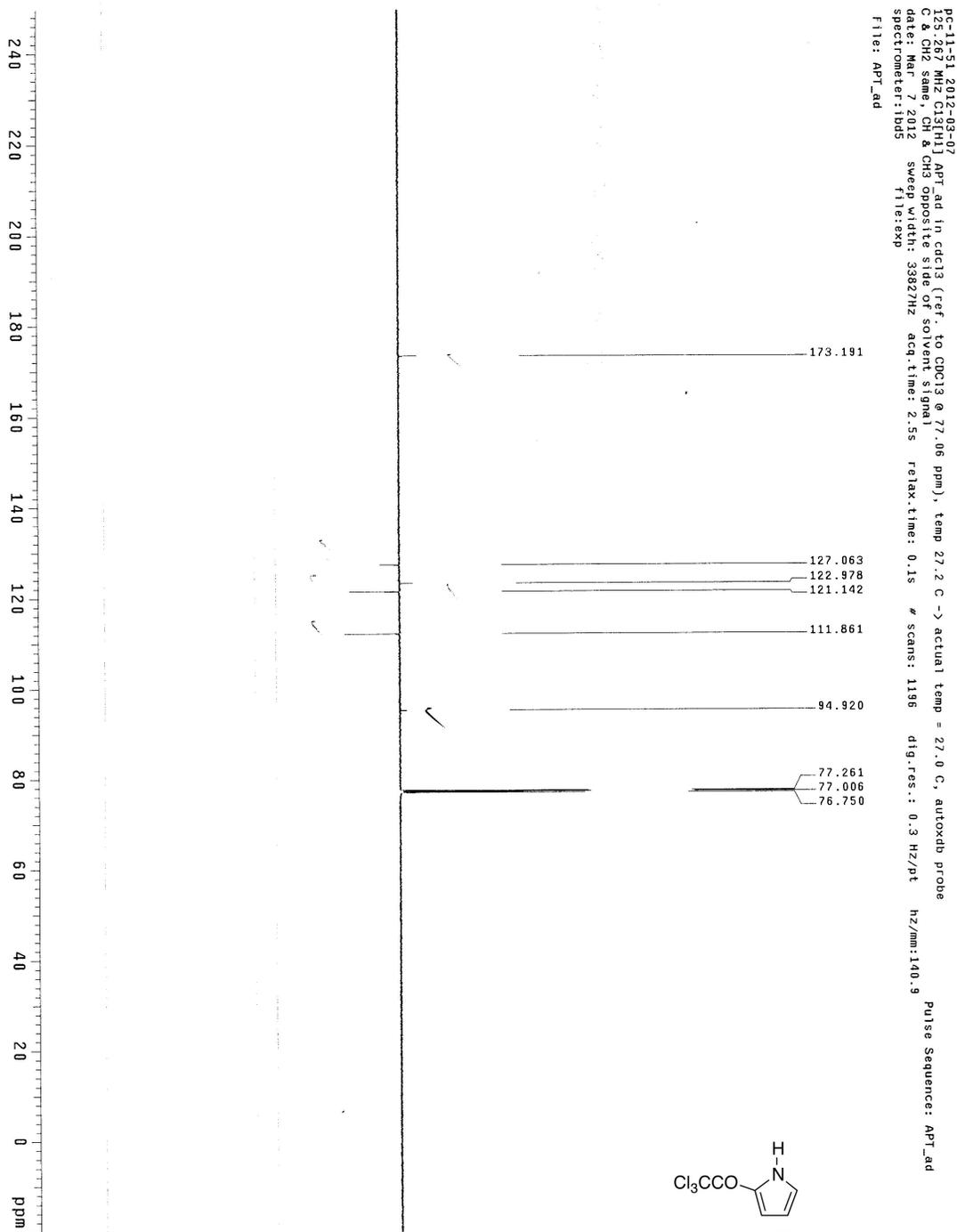
PC-11-113 2012-04-05  
499.815 MHz H1 ID in cdcl3 (ref. to CDCl3 @ 7.26 ppm), temp 27.7 C -> actual temp = 27.0 C, cold dual probe  
File: PROTON  
Pulse Sequence: szpu1

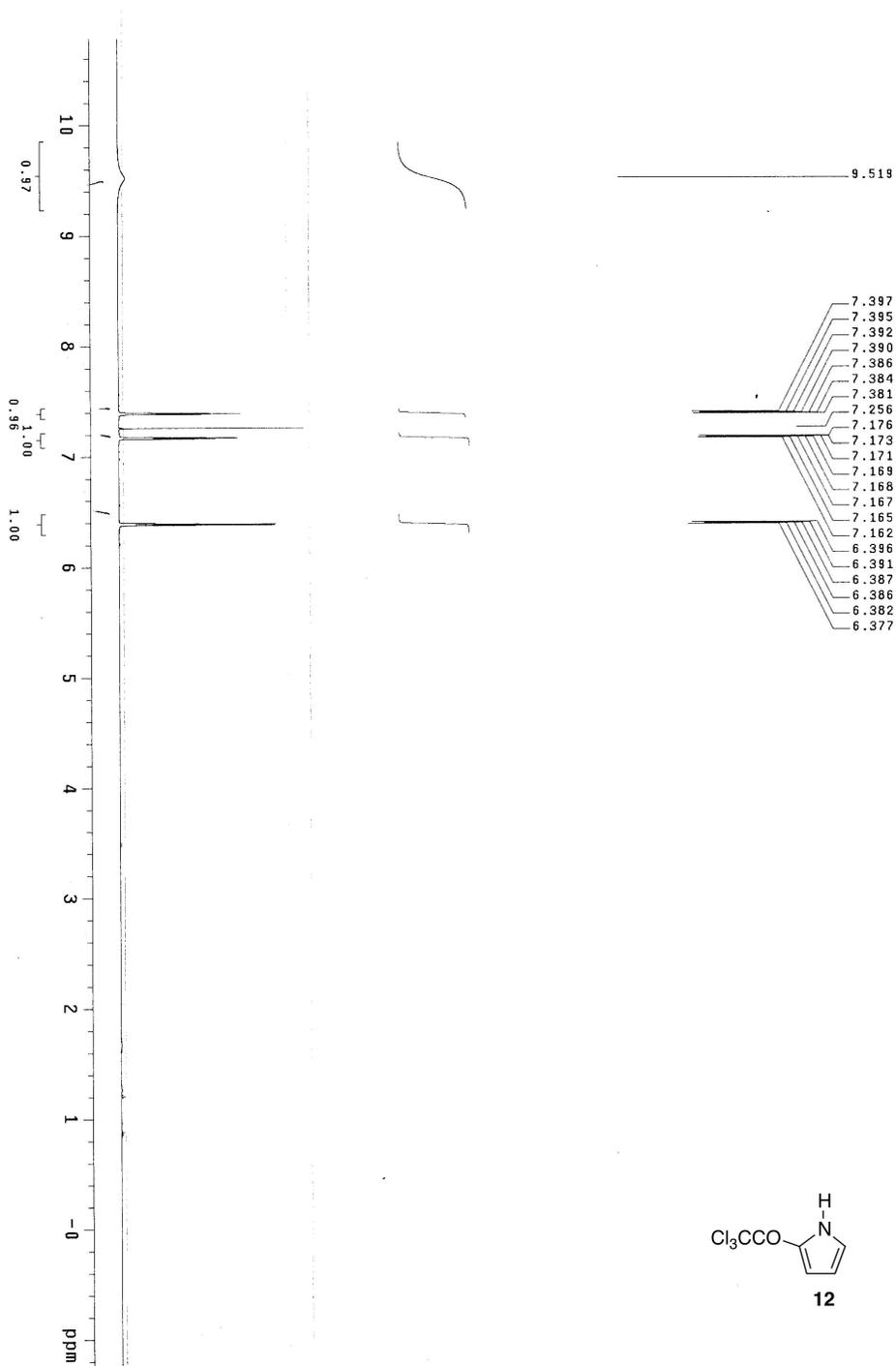






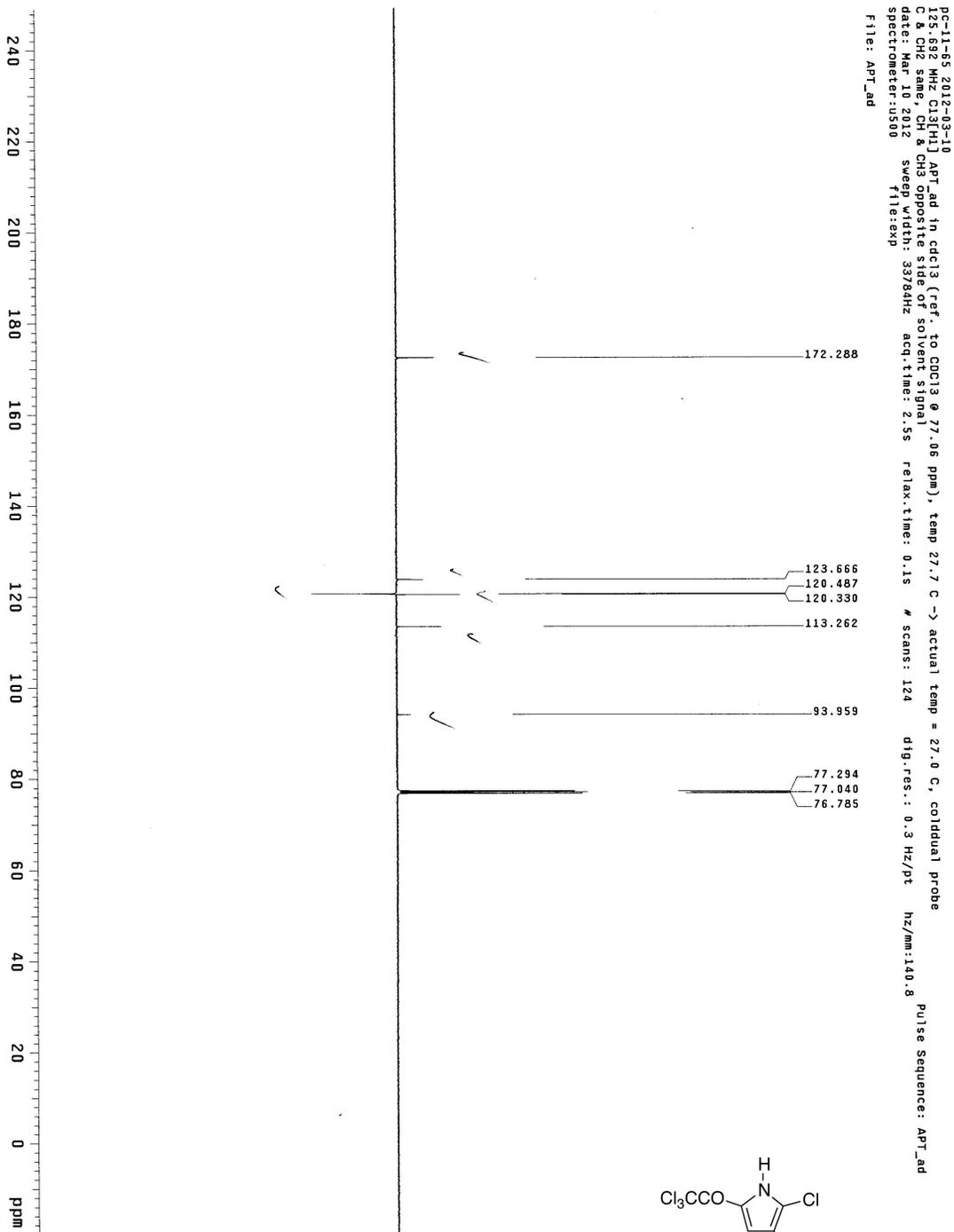






DC-11-51 2012-03-07  
498.122 MHz H1 D0 in cdcl3 (ref. to CDCl3 @ 7.26 ppm), temp 27.2 C -> actual temp = 27.0 C, autoxzb probe

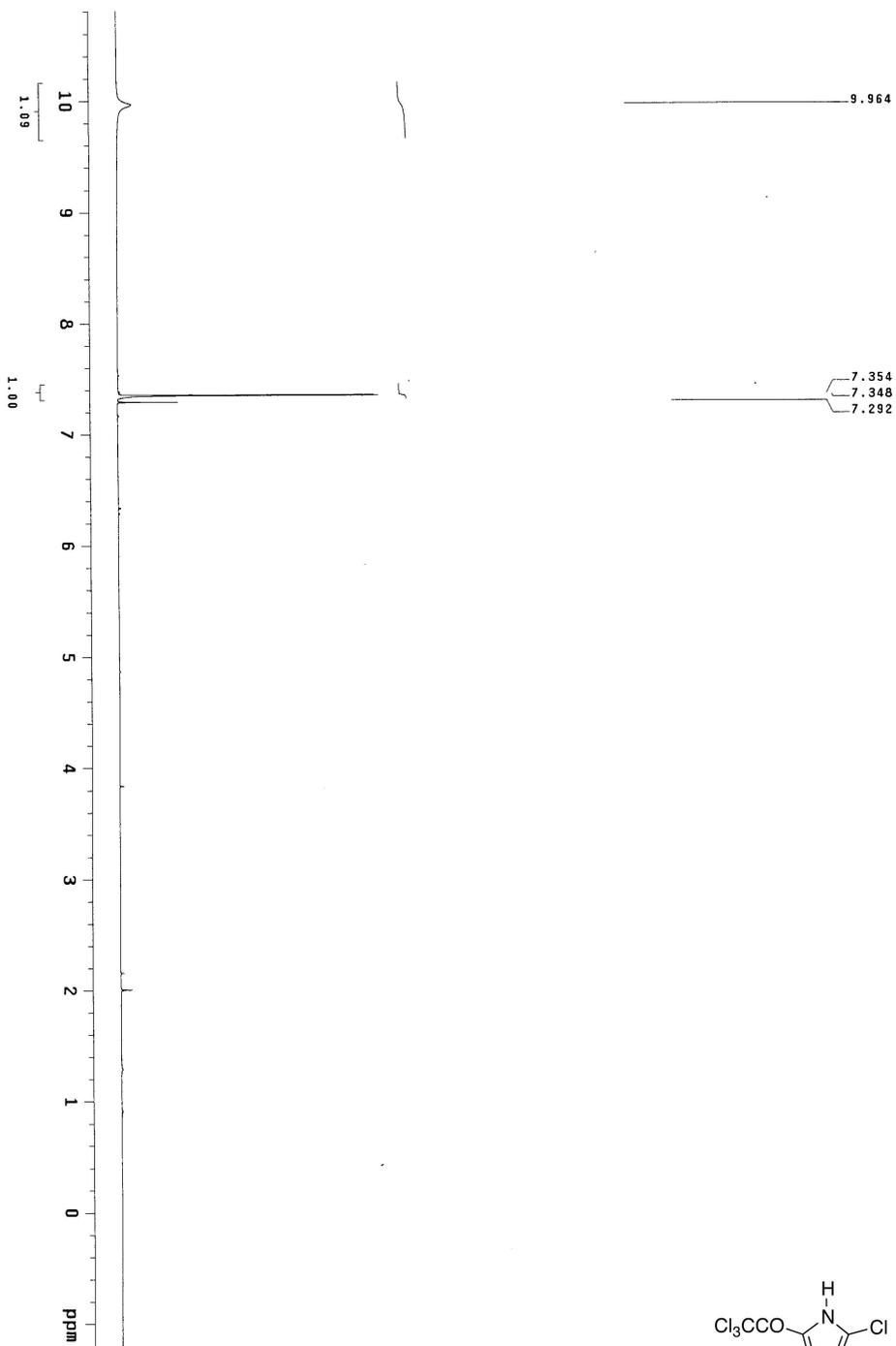
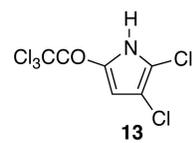
Pulse Sequence: szpu1

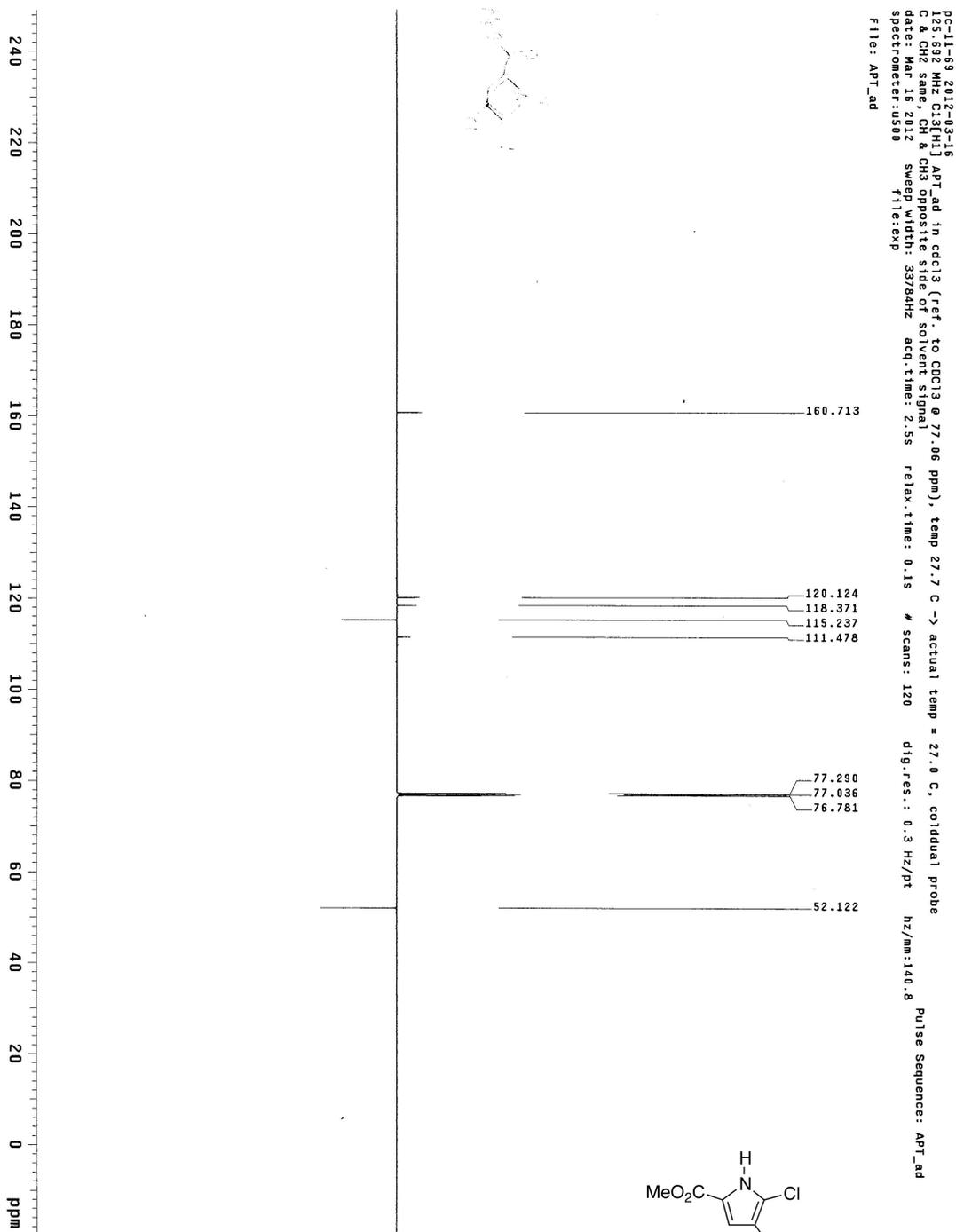


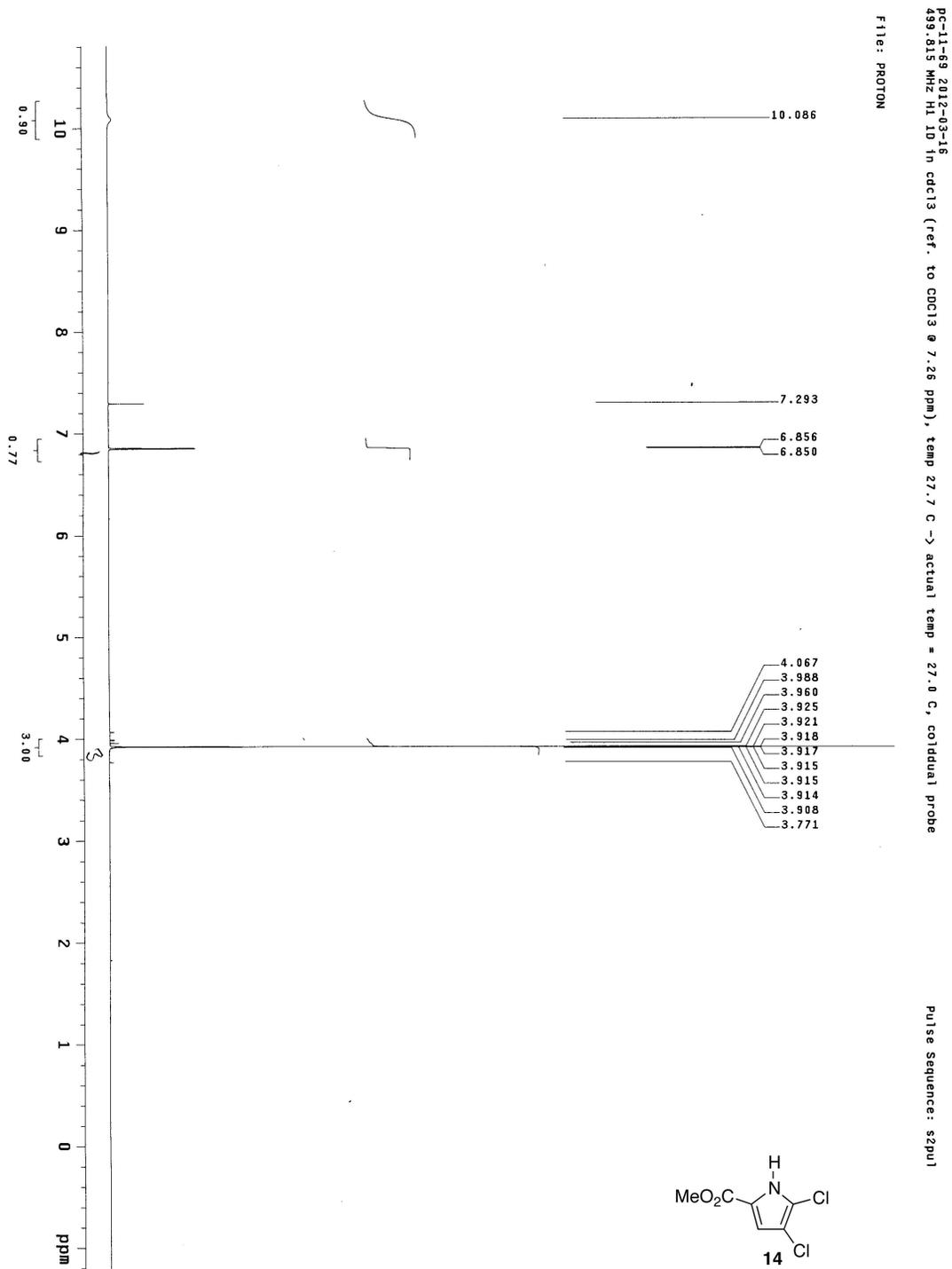
DC-1-SE 2012-03-10  
499.815 MHz H<sub>1</sub> D<sub>0</sub> In cdCl<sub>3</sub> (ref. to CDCl<sub>3</sub> @ 7.26 ppm), temp 27.7 C -> actual temp = 27.0 C, coil dual probe

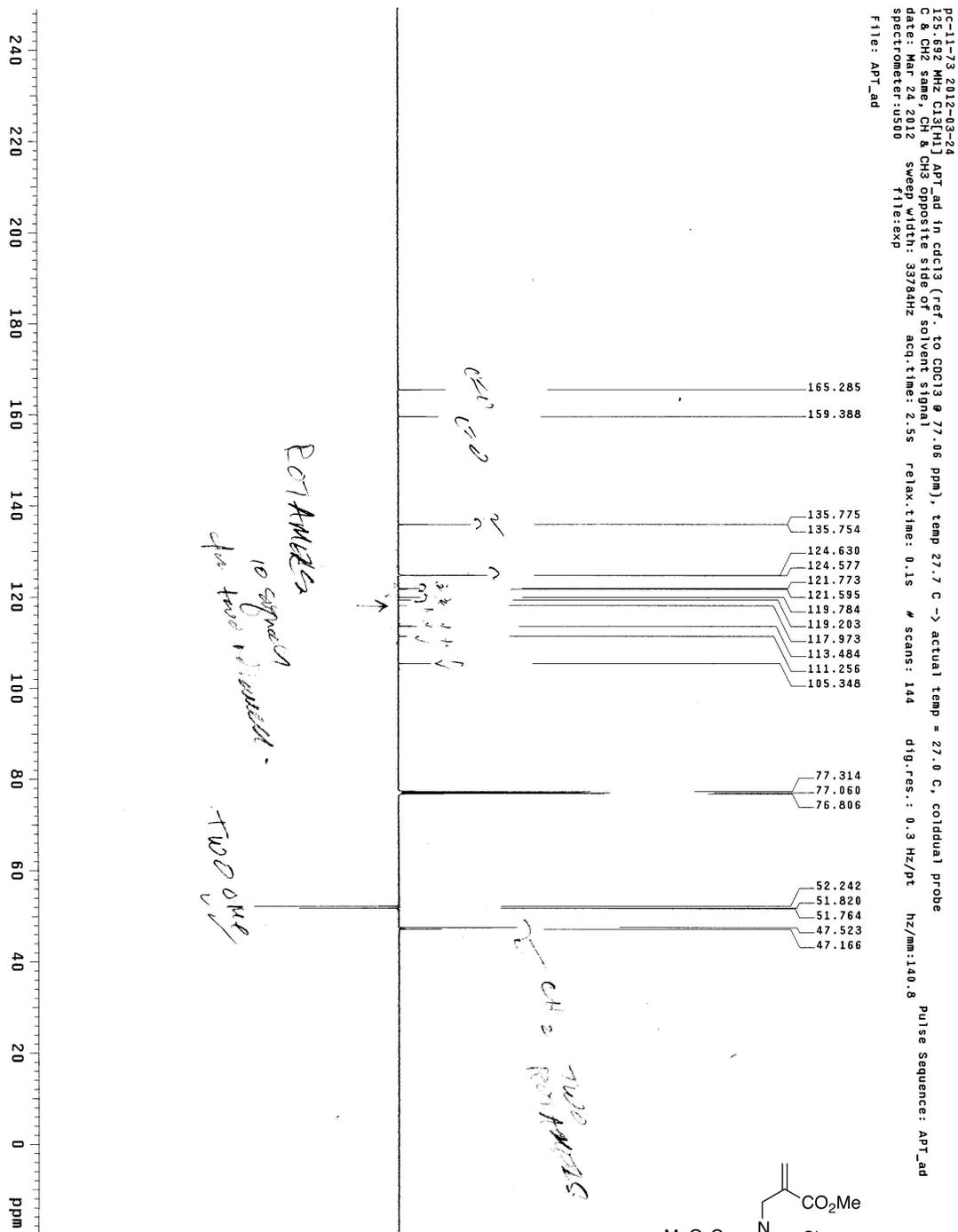
Pulse Sequence: szpu1

File: PROTON



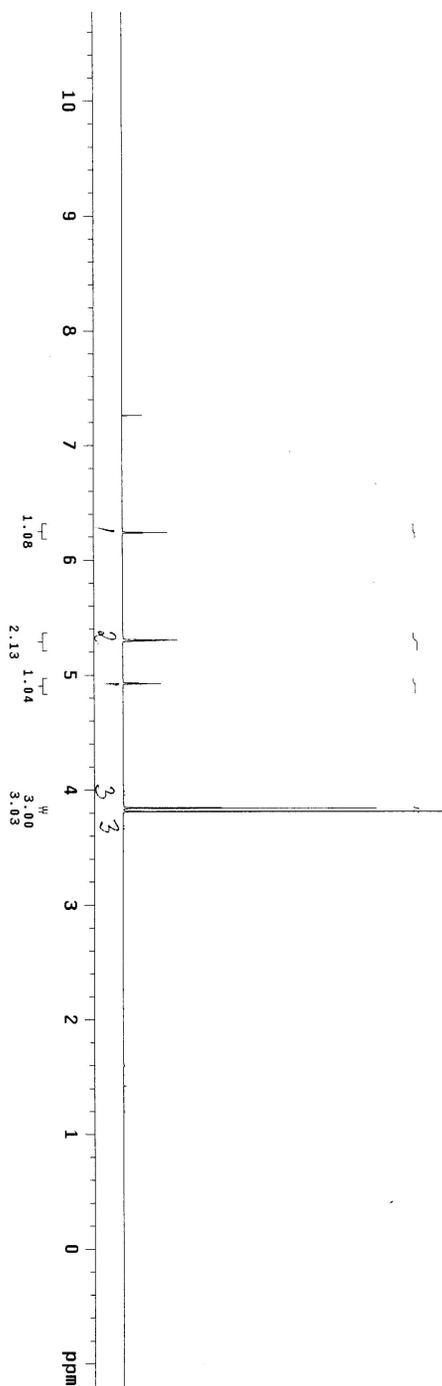
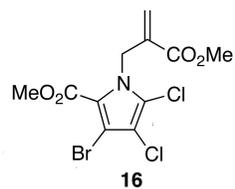
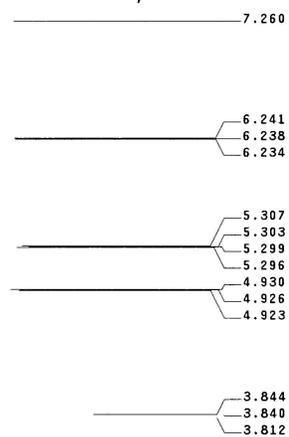


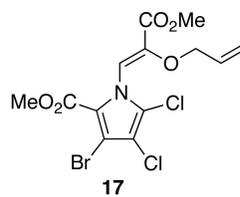
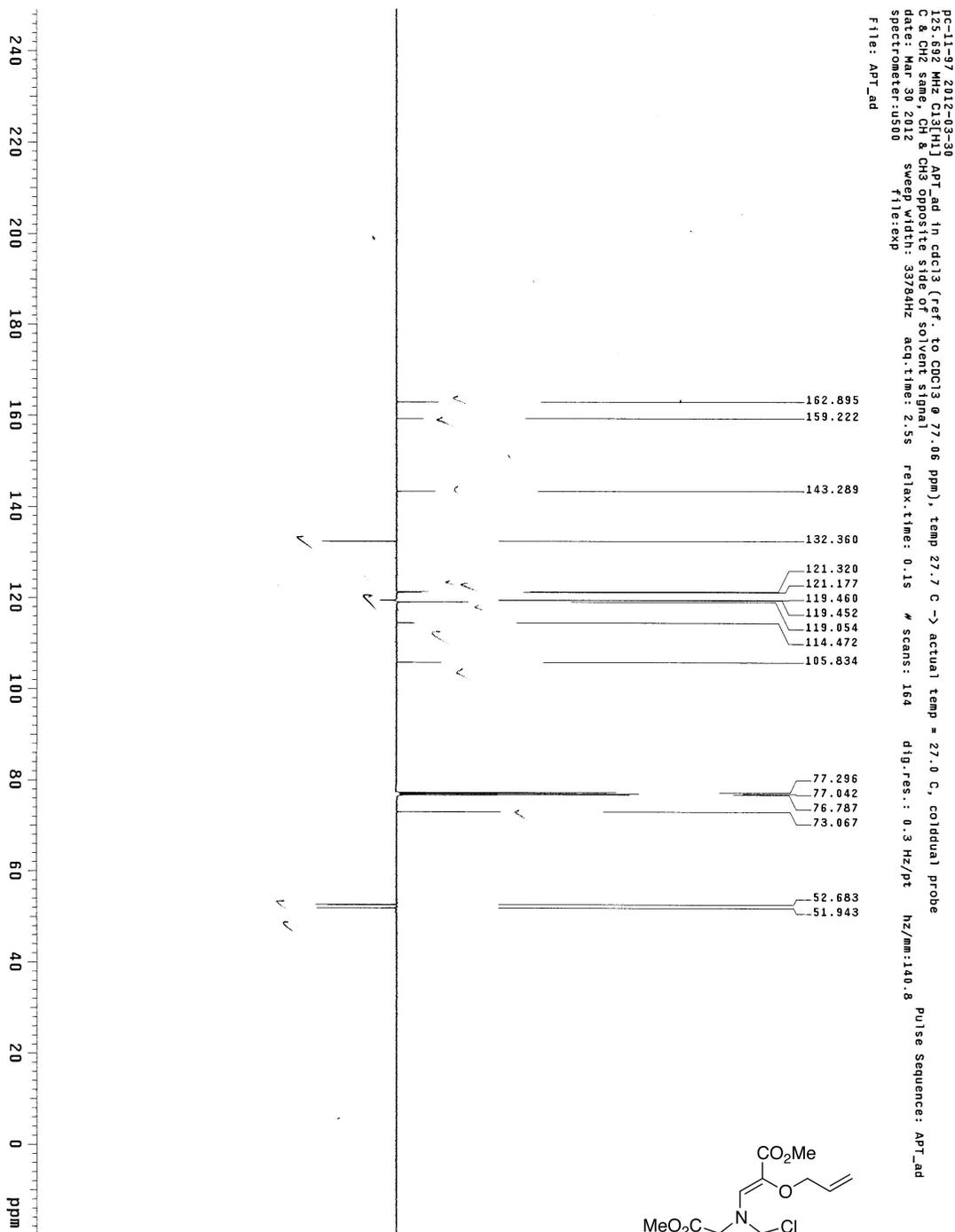


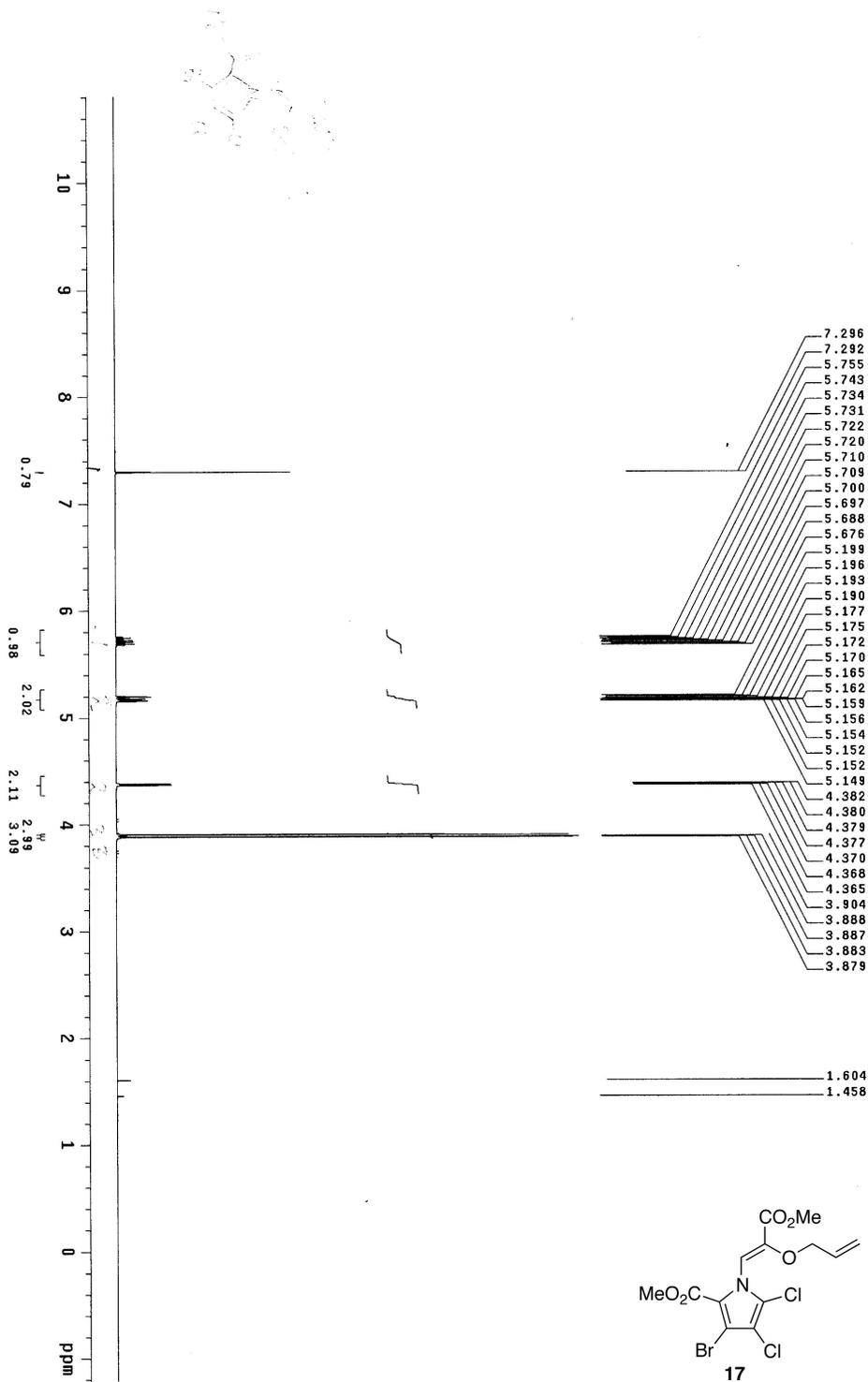


PC-11-73 2012-03-24  
499.815 MHz H1 1D 1D in cdcl3 (ref. to CDCl3 @ 7.26 ppm), temp 27.7 C -> actual temp = 27.0 C, coldstart probe  
File: PROTON

Pulse Sequence: szpu1

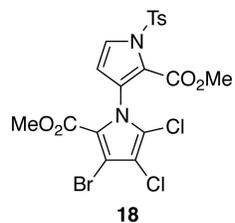
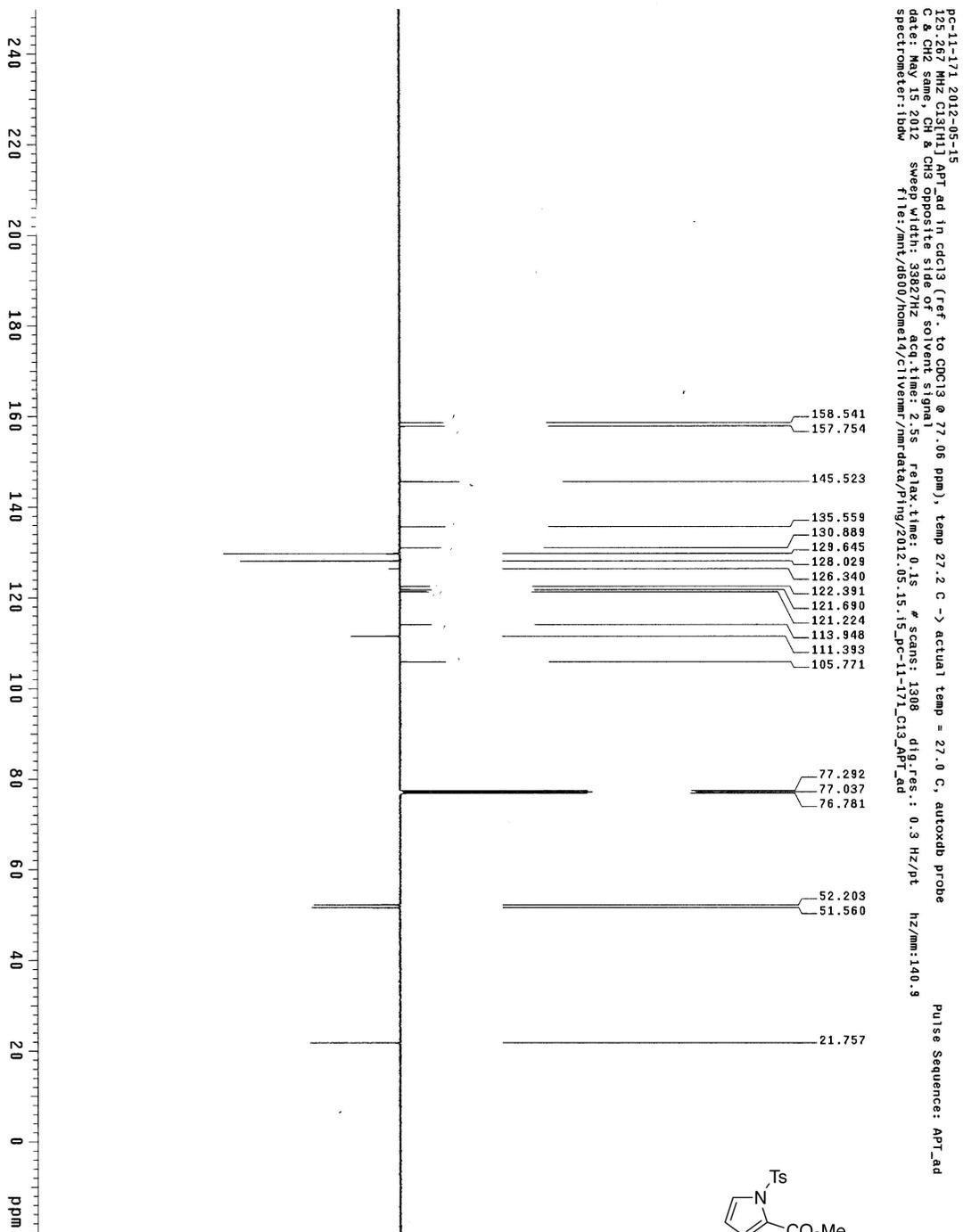


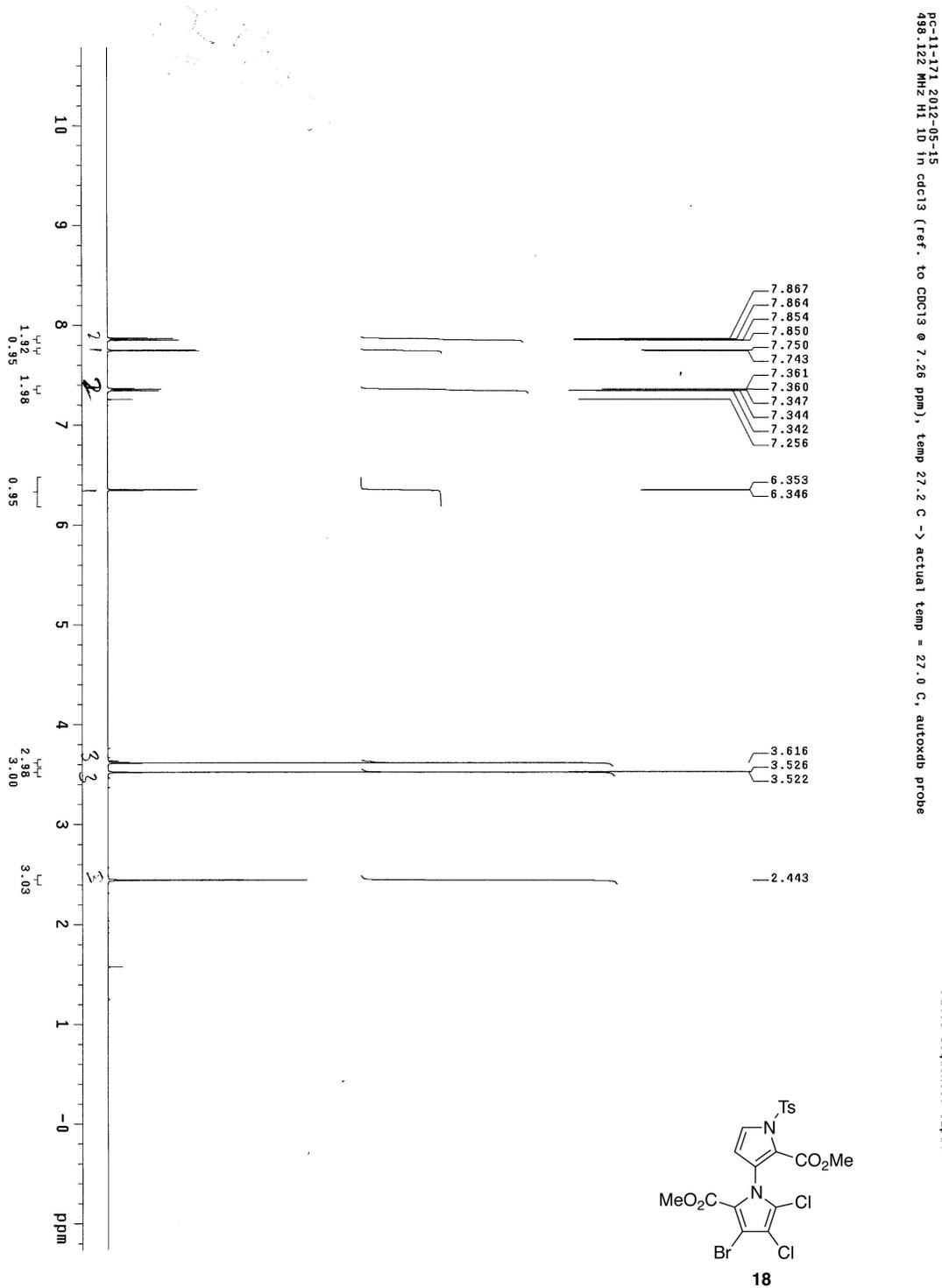


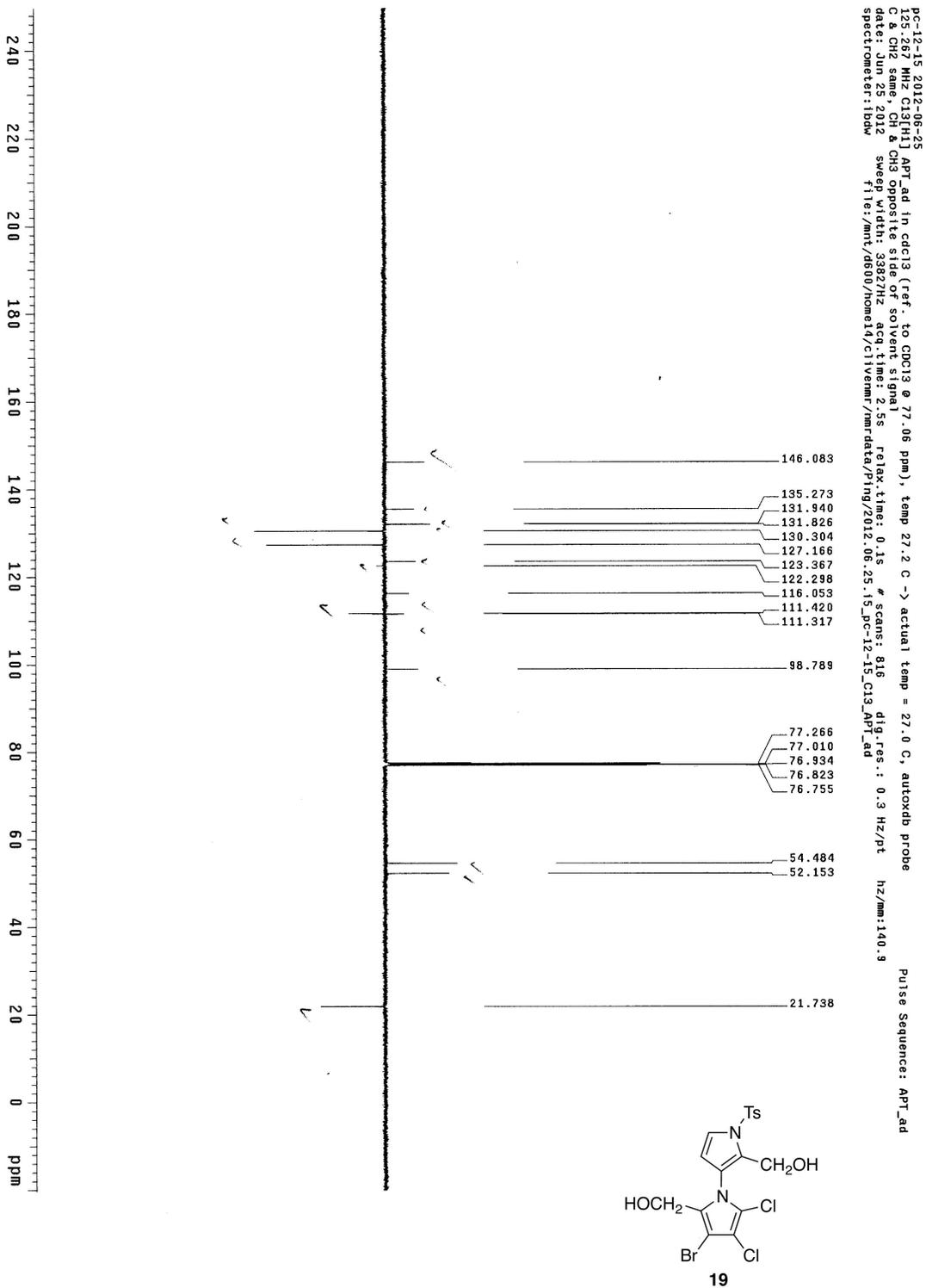


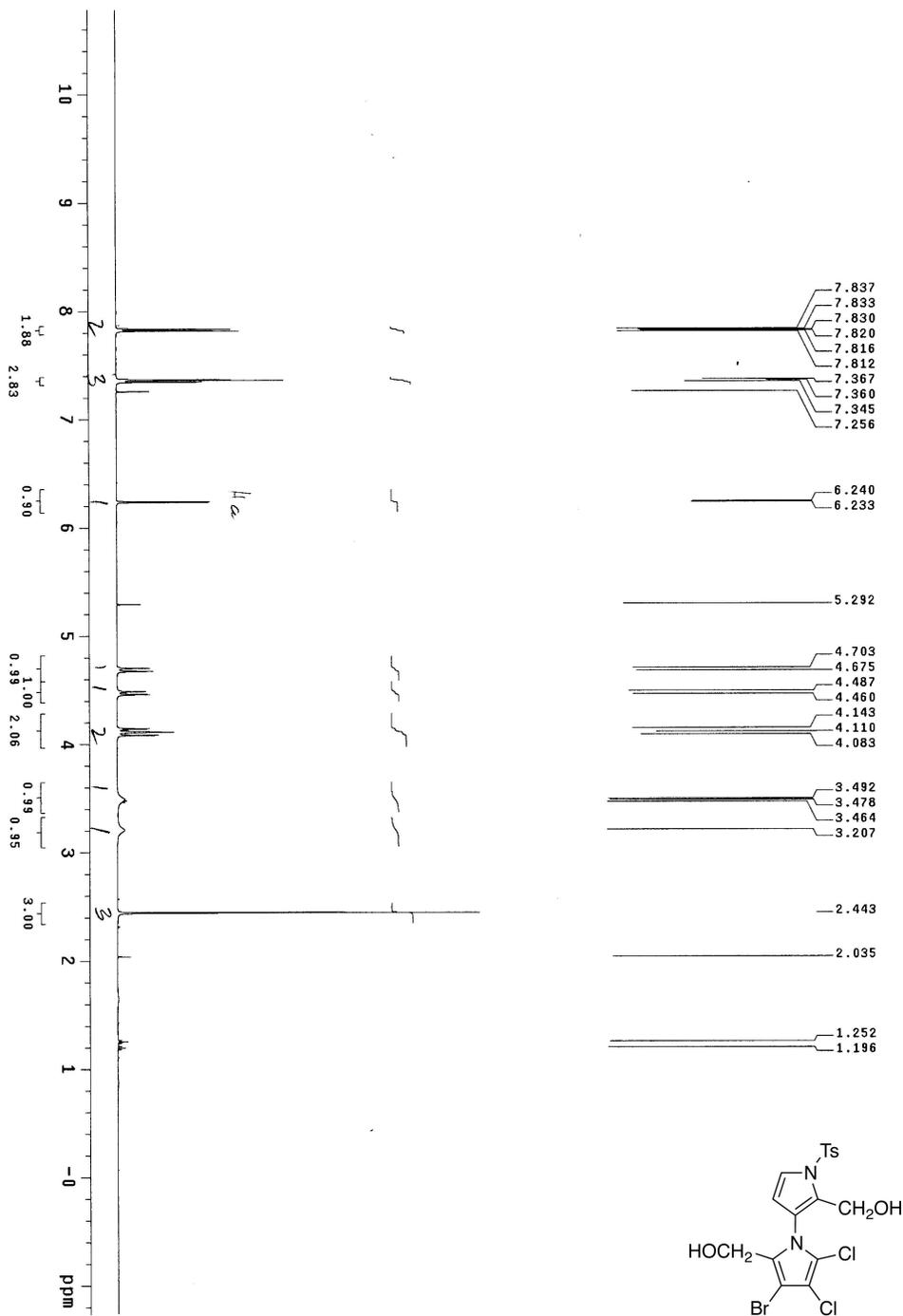
pc-11-97 2012-03-30  
499.815 MHz H1 ID in cdcl3 (ref. to CDCl3 @ 7.26 ppm), temp 27.7 C -> actual temp = 27.0 C, colddual probe

Pulse Sequence: szpu1



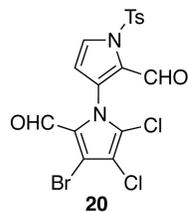
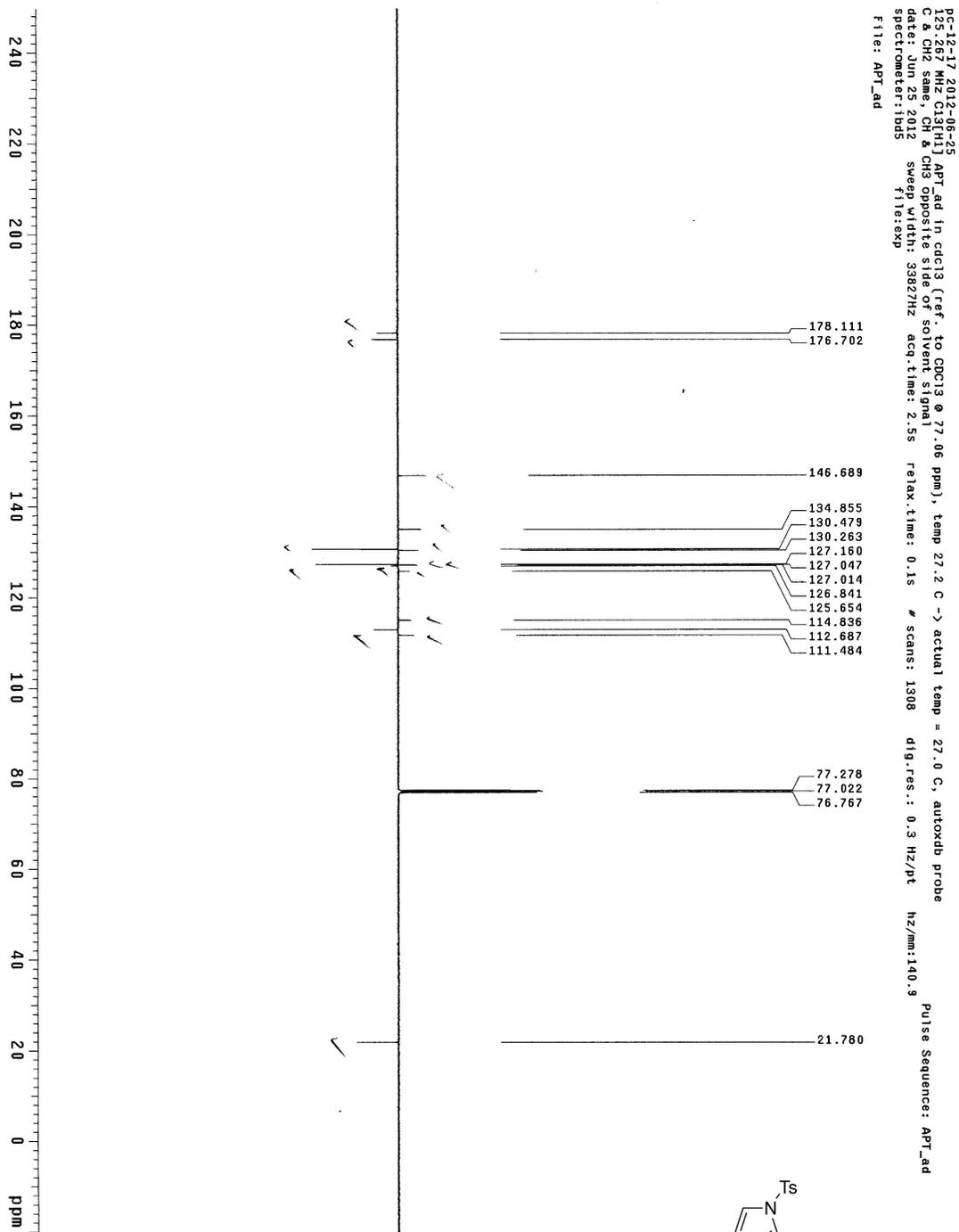


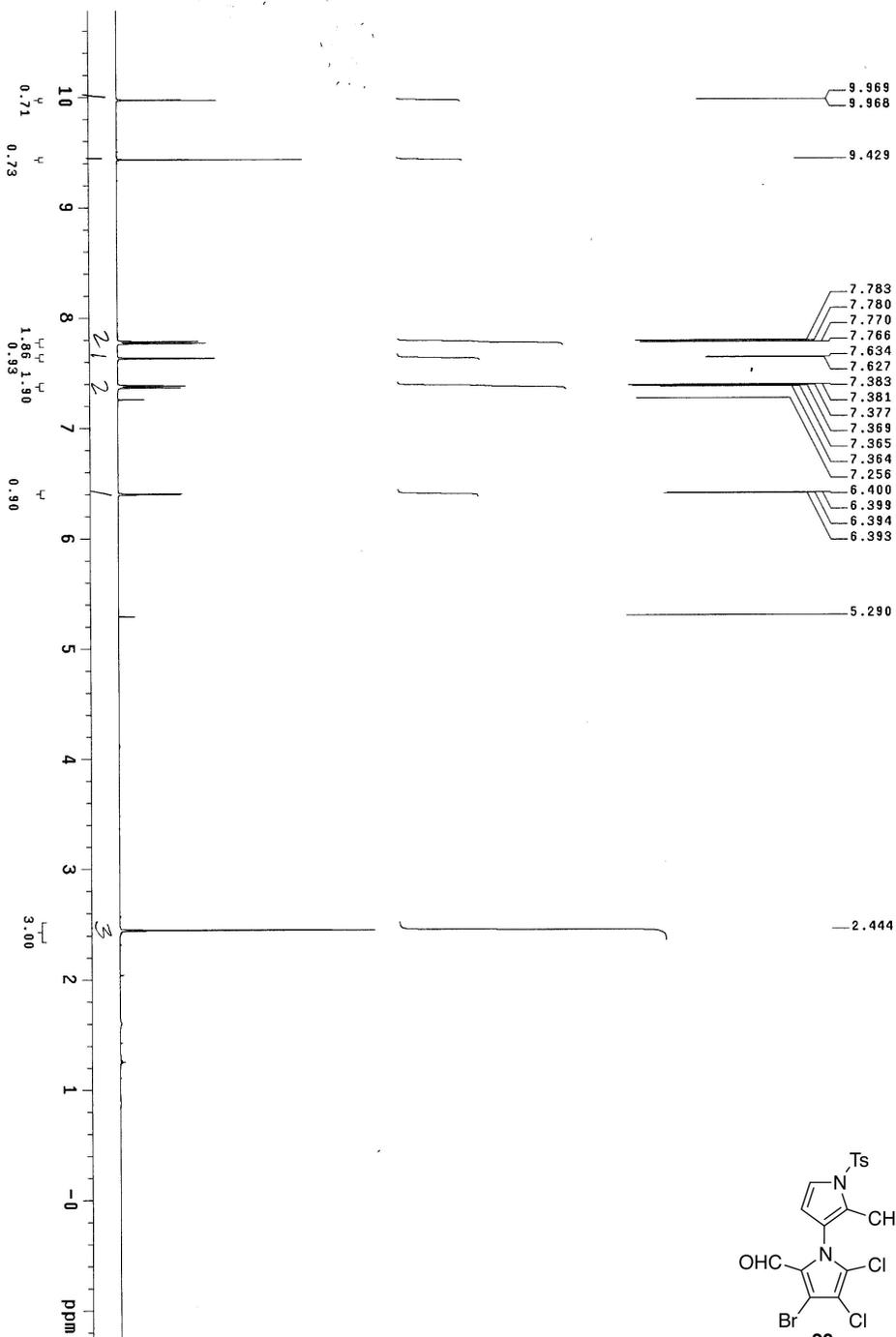


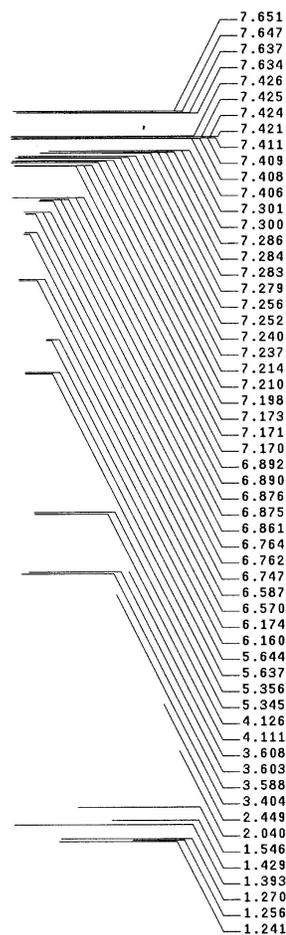
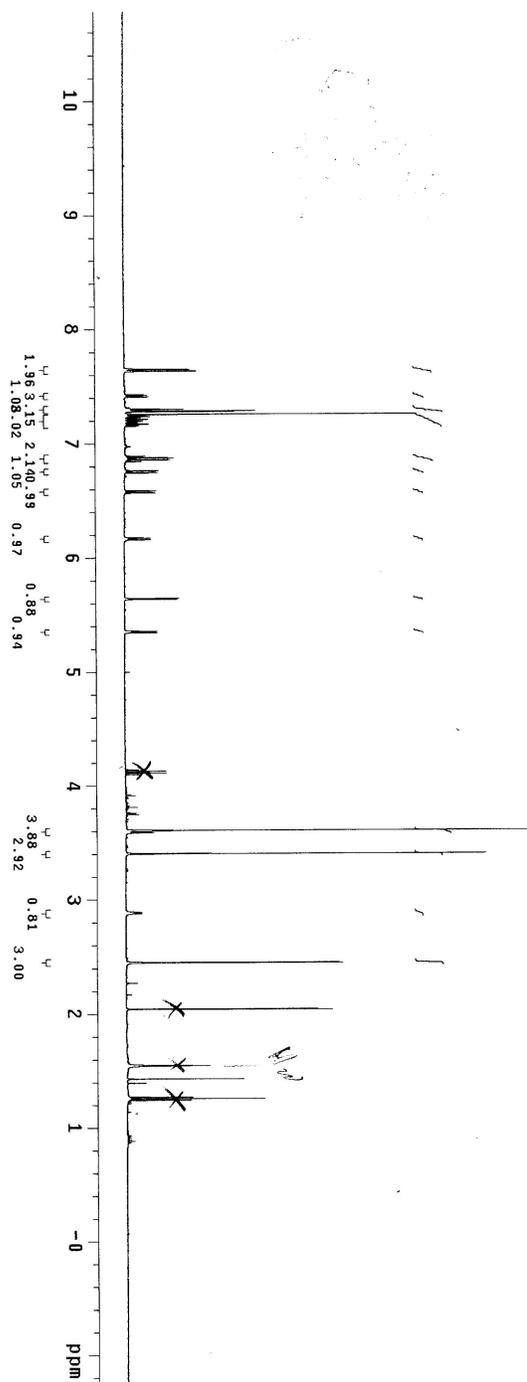


pc-12-19 2012-06-25  
498.122 MHz H1 ID in cdcl3 (ref. to CDCl3 @ 7.26 ppm), temp 27.2 C -> actual temp = 27.0 C, autoxdr probe

Pulse Sequence: s2pu1

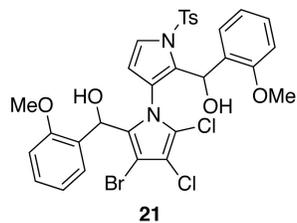


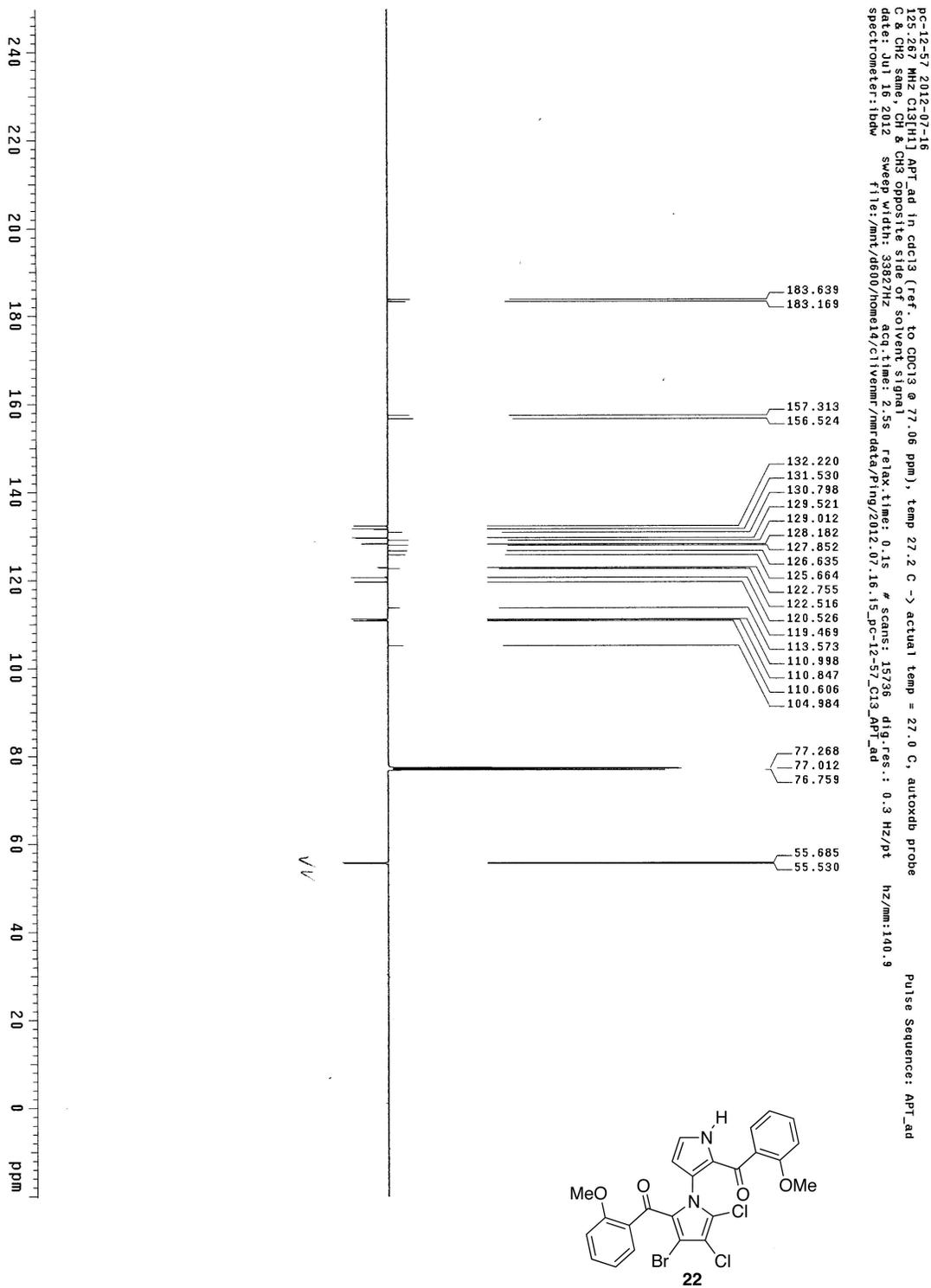




498.122 MHz H1 1D in cdcl3 (ref. to CDCl3 @ 7.26 ppm), temp 27.2 C -> actual temp = 27.0 C, autotxidb probe

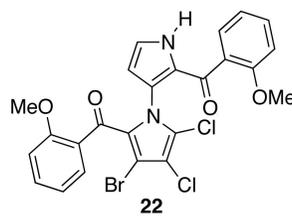
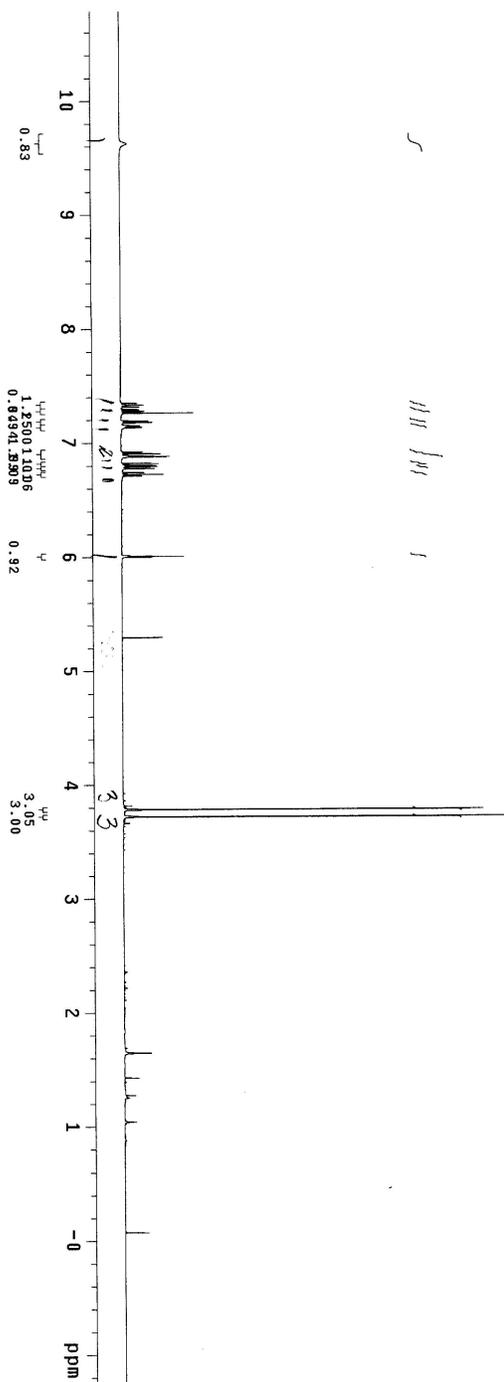
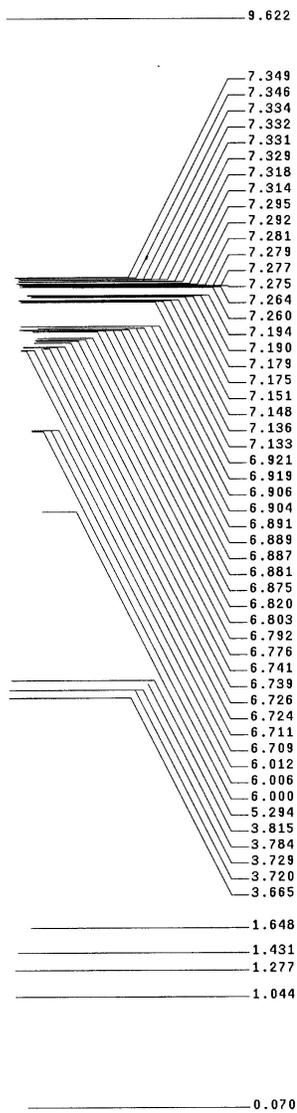
Pulse Sequence: szpu1

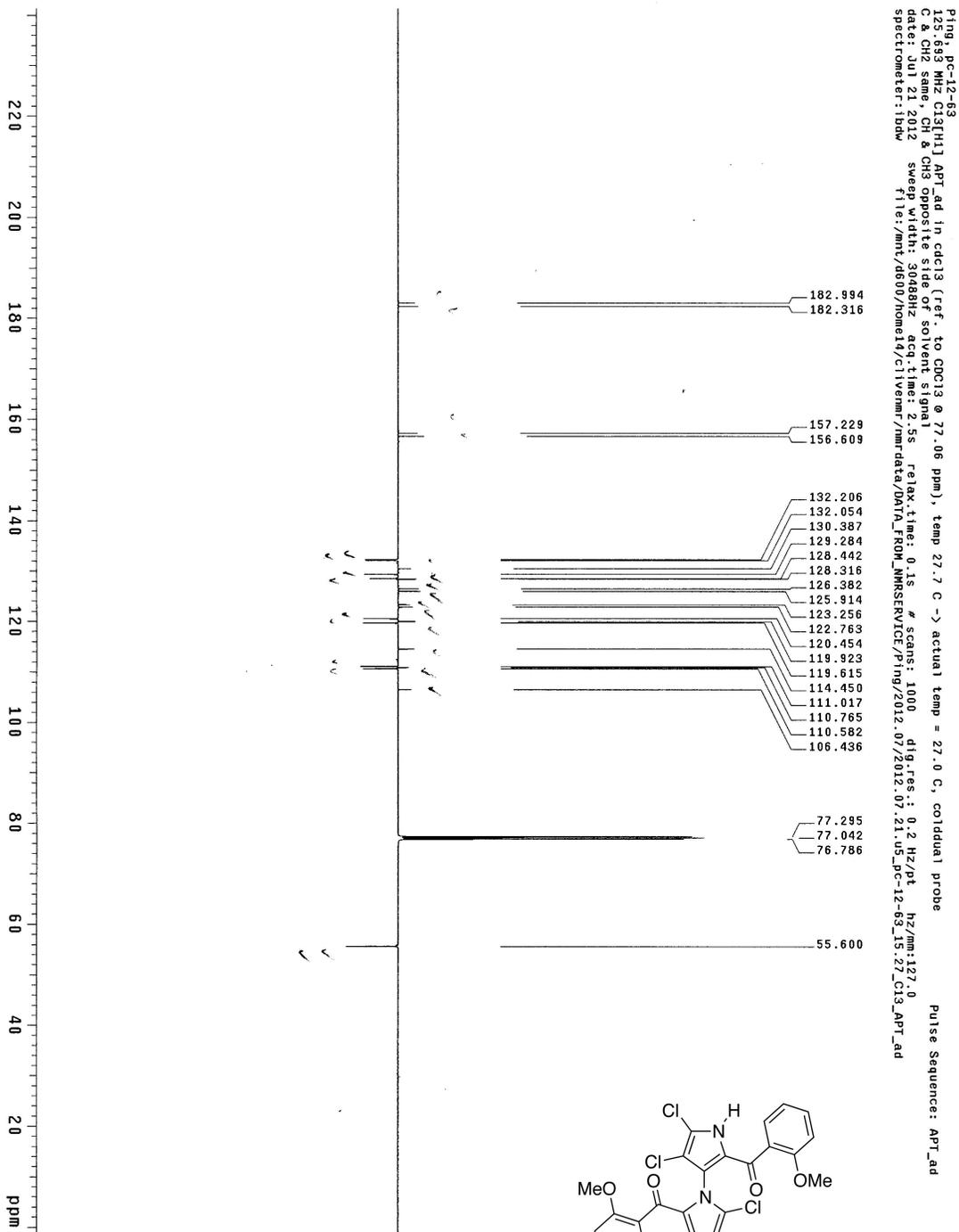


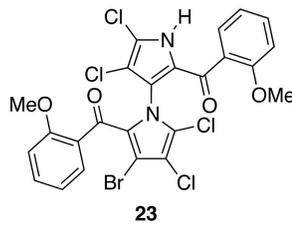
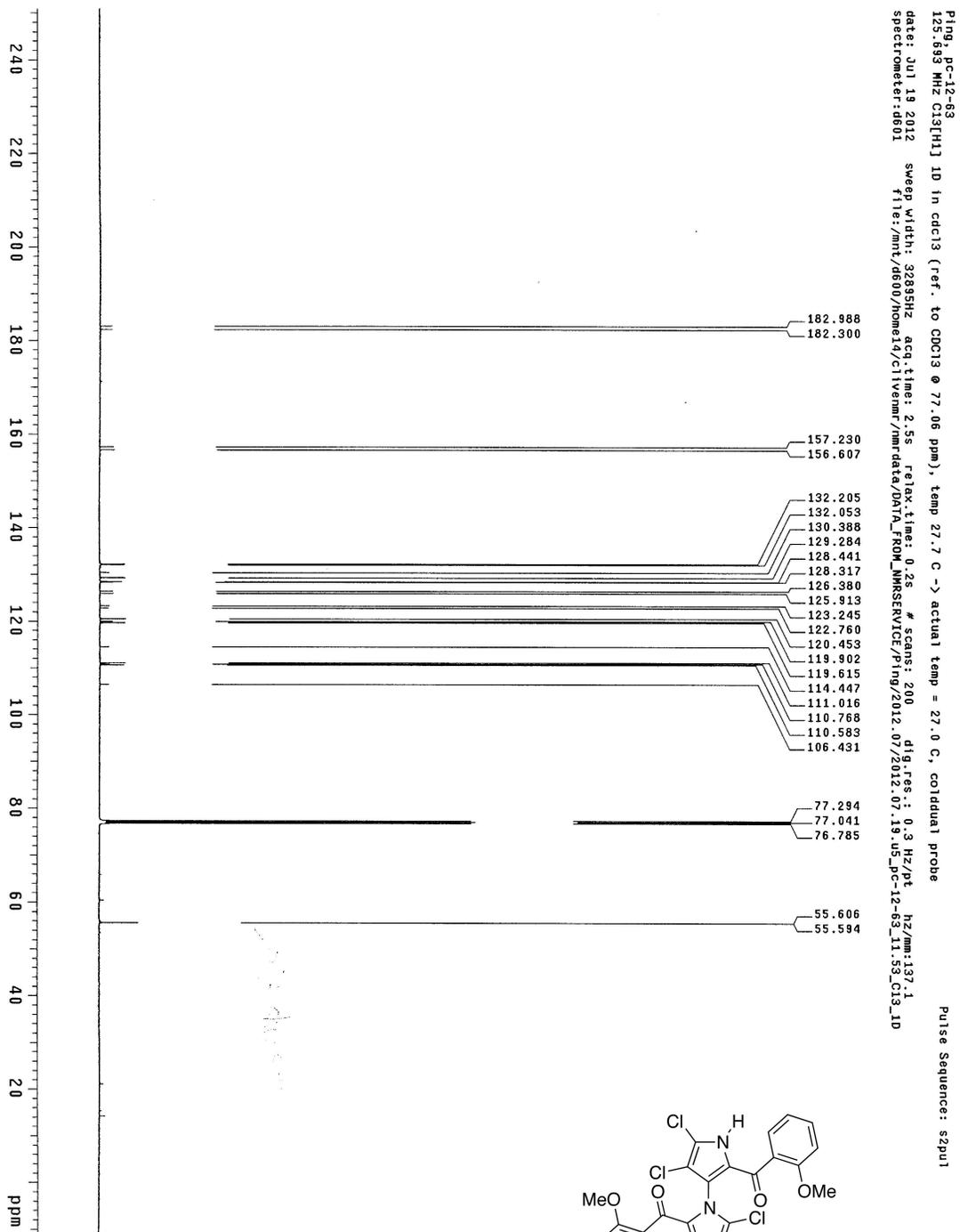


PC-12-57 2012-07-16  
498.122 MHz H1 D0 in cdcl3 (ref. to CDCl3 @ 7.26 ppm), temp 27.2 C -> actual temp = 27.0 C, autoxddd probe

Pulse Sequence: szpu1





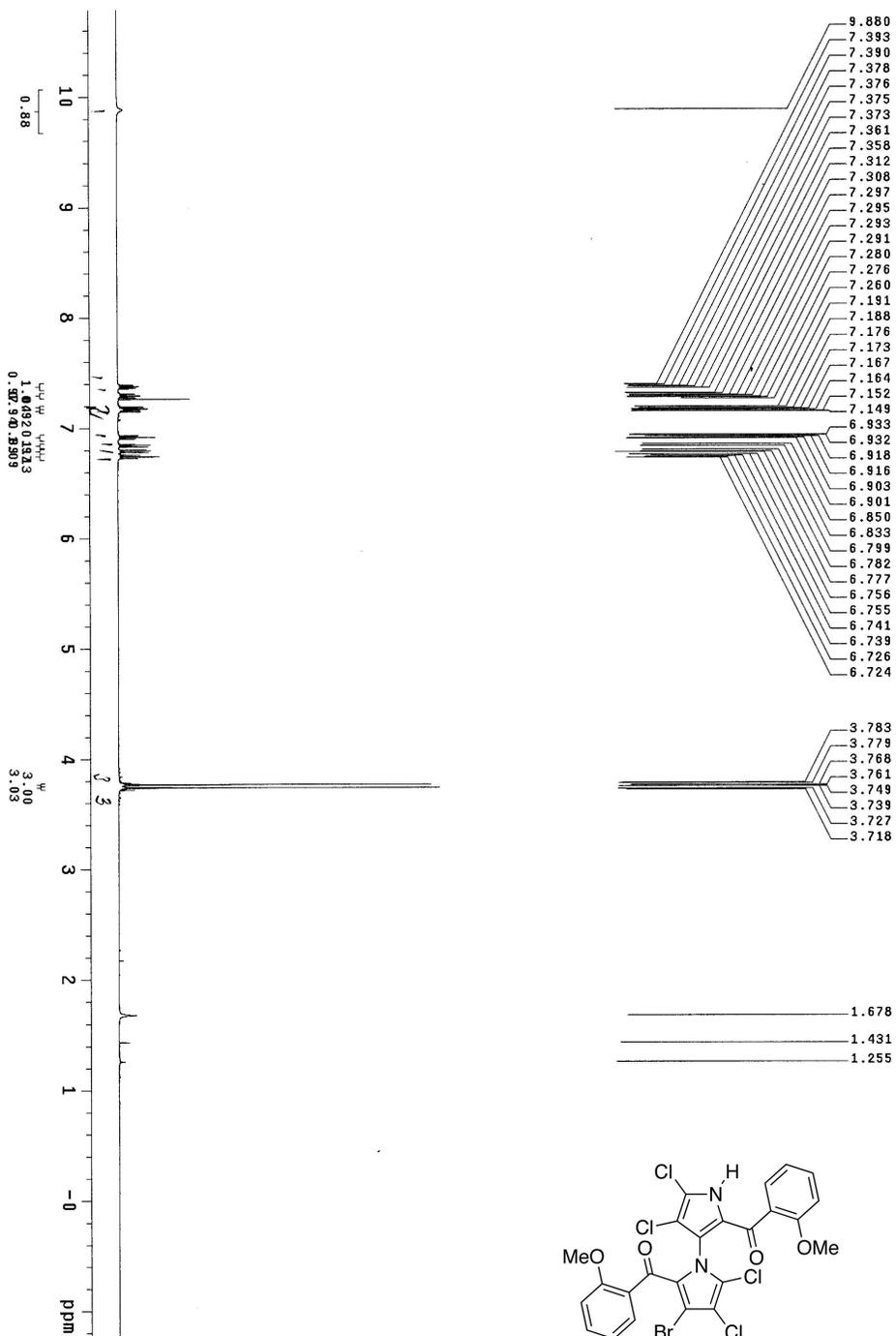
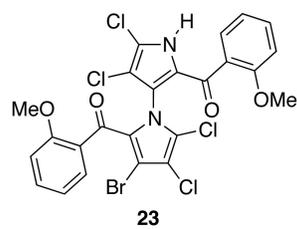


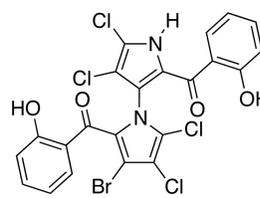
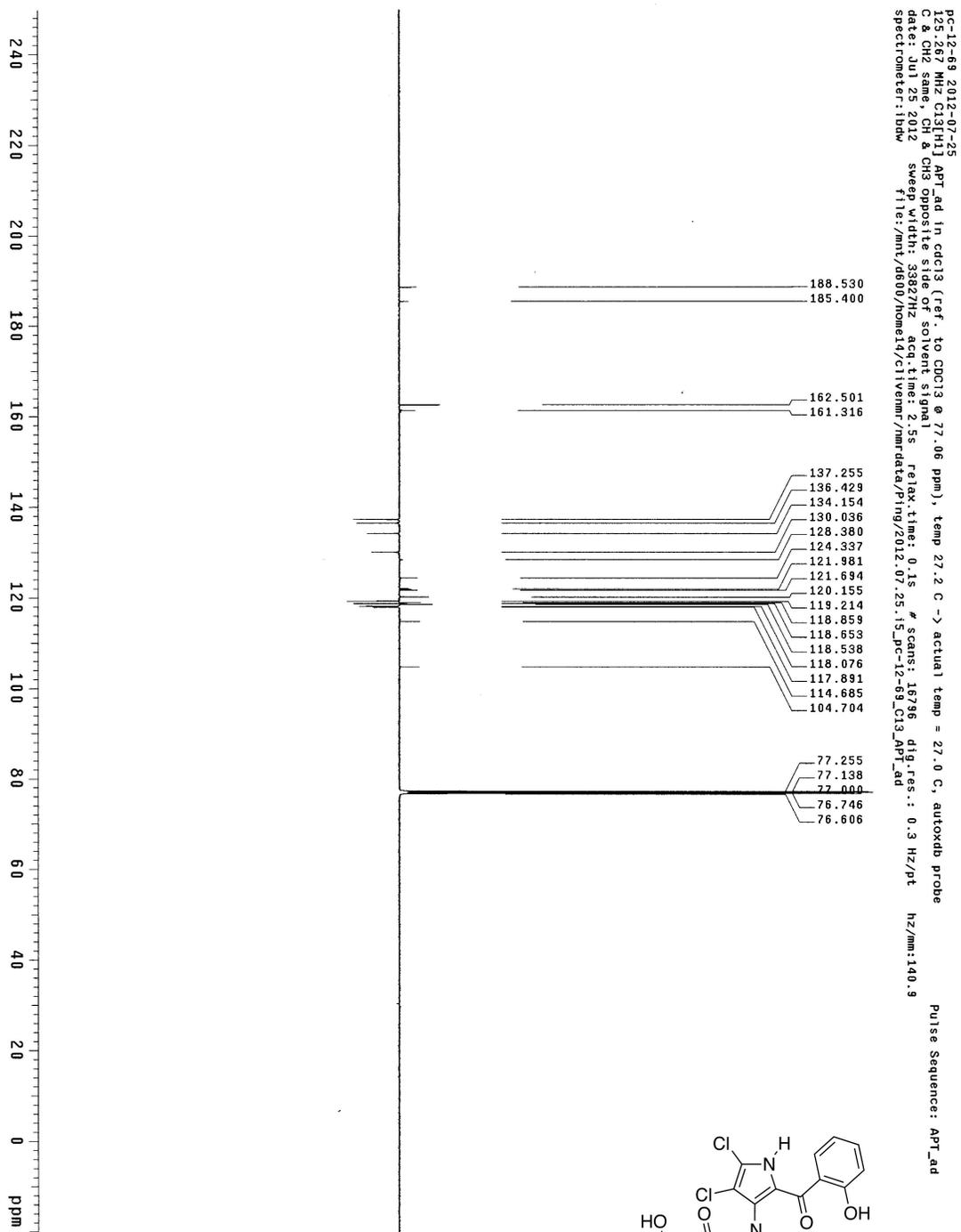
PL109\_pc-12-63  
125.693 MHz C13[H1] 1D in cdcl3 (ref. to CDCl3 @ 77.06 ppm), temp 27.7 C -> actual temp = 27.0 C, coldstart probe  
date: Jul 19 2012 sweep width: 32895Hz acq time: 2.5s relax time: 0.2s # scans: 200 d19 res: 0.3 Hz/pt hz/mm: 137.1  
spectrometer: d601 file: /mnt/d600/home1/d/clivmmr/mmdata/DATA\_FROM\_MMSESERVICE/PL109/2012.07/2012.07.19\_05\_PC-12-63\_11.59\_C13\_1D

Pulse Sequence: szpu1

PC-12-69 2012-07-20  
498.122 MHz H1 D0 in cdcl3 (ref. to CDCl3 @ 7.26 ppm), temp 27.2 C -> actual temp = 27.0 C, autoxddd probe

Pulse Sequence: szpu1





(±)-marinopyrrole B

PC-12-69 2012-07-25  
498.122 MHz H1 D0 in cdcl3 (ref. to CDCl3 @ 7.26 ppm), temp 27.2 C -> actual temp = 27.0 C, autoxdr probe

Pulse Sequence: szpu1

