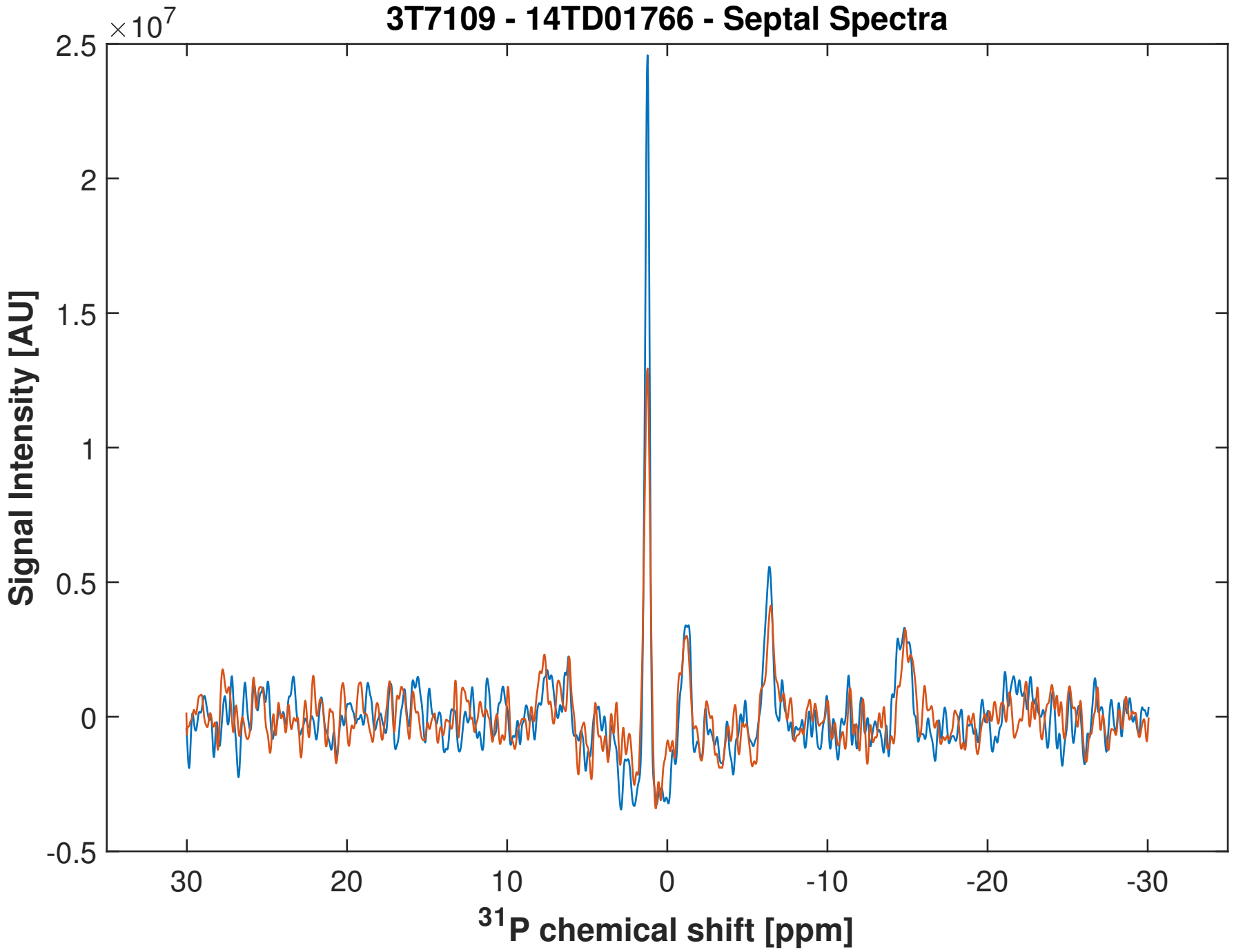
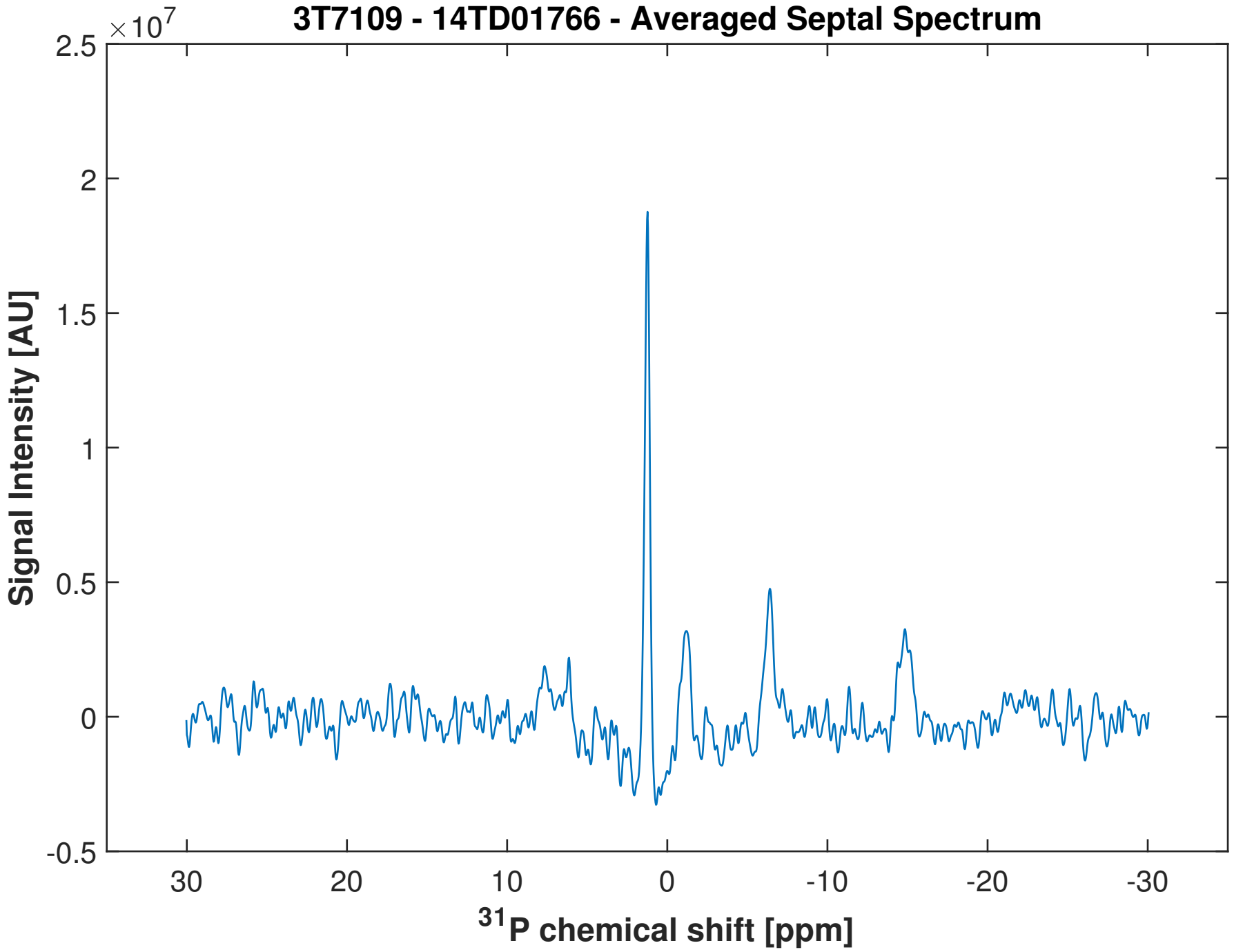
x = 1, y = 1
3T7109
x = 2, y = 1
14TD01766
x = 3, y = 1
PCr at 1.2 ppm
4, 1
5, 1
6, 1
7, 1
8, 1
1, 2
2, 2
3, 2
4, 2
5, 2
6, 2
7, 2
8, 2
1, 3
2, 3
3, 3
4, 3
5, 3
6, 3
7, 3
8, 3
1, 4
2, 4
3, 4
4, 4
5, 4
6, 4
7, 4
8, 4
1, 5
2, 5
3, 5
4, 5
5, 5
6, 5
7, 5
8, 5
1, 6
2, 6
3, 6
4, 6
5, 6
6, 6
7, 6
8, 6
1, 7
2, 7
3, 7
4, 7
5, 7
6, 7
7, 7
8, 7
1, 8
2, 8
3, 8
4, 8
5, 8
6, 8
7, 8
8, 8


3T7109 - 14TD01766 - Septal Spectra
×10^7
2.5
2
1.5
1
0.5
0
-0.5
Signal Intensity [AU]
30
20
10
0
-10
-20
-30
31P chemical shift [ppm]


3T7109 - 14TD01766 - Averaged Septal Spectrum
×10^7
2.5
2
1.5
1
0.5
0
-0.5
Signal Intensity [AU]
30
20
10
0
-10
-20
-30
31P chemical shift [ppm]

jMRUI v6.0 beta

File Edit Display Preprocessing Quantitation Custom Options Window Help

Results 1D mode - _31P_card_recon.txt

File View Options

Signals

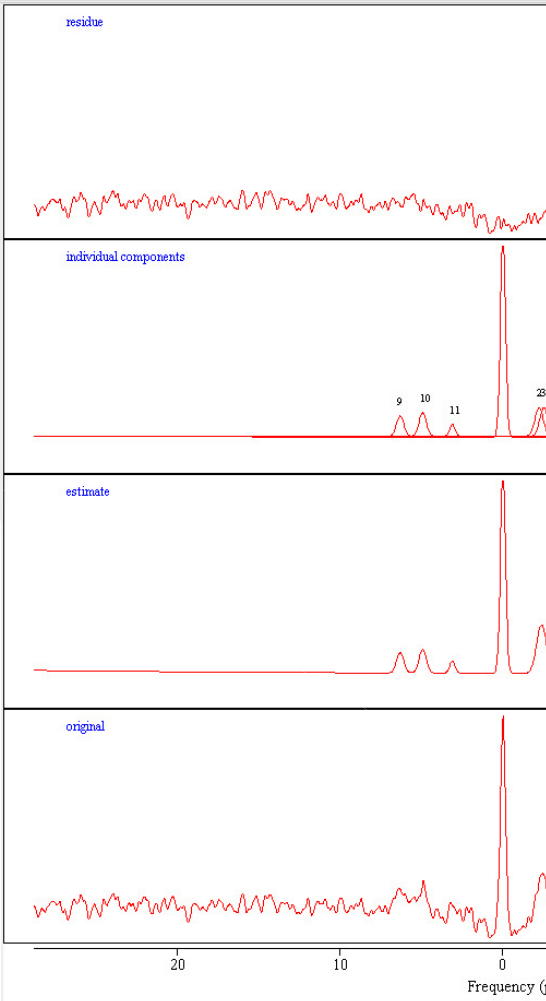
Septal_31P_Spectrum

Experiment

Date	19/12/2018
Directory	work
Calc. Time (ms)	922
Total Suppressed Amplitude	0

Algorithm parameters

Algorithm	AMARES
Iterations	21
Points FID/Quant.	2048/2048
Samp.Int.(ms)	0.333
Zero order (deg)	2.9 +/- 0.0
Begin Time (ms)	0.11 +/- 0.00
Freq. selective	on
Trunc. points	0
Asked/found	11 / 11
Residue St.D.	1.93E4
S/N	23.41
pH	Not known
[Mg2+] (mM)	Not known



Numerical Results

Name	Freq.(ppm)	Damp.(Hz)	Amplitude	sd. Amp.	Phase(deg)
1 - G PCr	-0.003	33.9	2.641E5	3.751E3	0.0
2 - G gATP_1	-2.223	56.6	6.038E4	2.515E3	0.0
3 - G gATP_2	-2.523	56.6	6.038E4	2.515E3	0.0
4 - G aATP_1	-7.395	51.0	5.731E4	3.046E3	0.0
5 - G aATP_2	-7.715	51.0	5.731E4	3.046E3	0.0
6 - G bATP_1	-15.610	73.9	3.019E4	1.257E3	0.0
7 - G bATP_2	-15.911	73.9	6.038E4	2.515E3	0.0
8 - G bATP_3	-16.211	73.9	3.019E4	1.257E3	0.0
9 - G 2-DPG	6.310	49.1	3.721E4	5.216E3	0.0
10 - G 3-DPG	4.927	49.1	4.359E4	5.310E3	0.0
11 - G PDE	3.105	35.3	1.589E4	3.915E3	0.0

Actions

AMARES C:\Users\ptokarcz\Desktop\cardiac31P_PKfiles\P31_cardAnalysis_LMS_03062018.sv C:\Users\ptokarcz\Desktop\cardiac31P_PKfiles\P31card_analysis_Hsmith_20181219_update.pk C:\Users\ptokarcz\Desktop\cardiac31P_PKfiles\P31_cardA