

## CT1 RESULT

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Dataset : C:/Bruker/XWIN-NMR/data/guest/nmr/peptid-1/10/pdata/1

INTENSITY fit :  $I[t]=I[0]+P*\exp(-t/T1)$ 

8 points for Peak 1, Cursor Point = 1888, 13340.87 Hz, 176.776 ppm

Results Comp. 1

I[0] = 7.217e-01

P = -2.557e-01

T1 = 1.917s

SD = 1.291e-01

	tau	cursor	freq	ppm	integral	intensity
	30.000s	1891.77	13332.19	176.661	1.7837e+08	9.5971e+07
	20.000s	1891.08	13333.79	176.682	9.6062e+07	9.9048e+07
	15.000s	1890.01	13336.25	176.715	4.046e+08	1.7227e+08
	10.000s	1890.02	13336.22	176.714	2.8596e+08	1.3498e+08
	5.000s	1889.97	13336.34	176.716	3.0733e+08	1.1215e+08
	3.000s	1890.02	13336.23	176.714	2.2336e+08	1.1906e+08
	1.000s	1889.66	13337.04	176.725	2.9529e+08	9.8112e+07
	100.000m	1889.27	13337.93	176.737	1.5782e+08	8.2286e+07

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8 points for Peak 2, Cursor Point = 2040, 12991.44 Hz, 172.145 ppm

Results Comp. 1

I[0] = 8.882e-01

P = -4.028e-01

T1 = 4.075s

SD = 1.209e-01

	tau	cursor	freq	ppm	integral	intensity
	30.000s	2043.16	12984.17	172.049	2.1207e+08	9.7273e+07
	20.000s	2043.04	12984.44	172.053	1.8969e+08	1.5357e+08
	15.000s	2043.02	12984.50	172.054	1.4039e+08	1.5584e+08
	10.000s	2042.98	12984.59	172.055	3.0816e+08	1.499e+08
	5.000s	2043.07	12984.37	172.052	1.7774e+08	1.1865e+08
	3.000s	2043.06	12984.40	172.052	1.6069e+08	9.5906e+07
	1.000s	2042.92	12984.72	172.056	1.5777e+08	8.393e+07
	100.000m	2042.90	12984.76	172.057	1.5024e+08	8.5912e+07

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8 points for Peak 3, Cursor Point = 2086, 12885.69 Hz, 170.744 ppm

Results Comp. 1

I[0] = 8.911e-01

P = -2.834e-01

T1 = 3.485s

SD = 1.253e-01

	tau	cursor	freq	ppm	integral	intensity
	30.000s	2090.02	12876.44	170.622	1.5901e+08	1.2458e+08
	20.000s	2089.27	12878.17	170.645	2.0118e+08	1.0398e+08
	15.000s	2089.02	12878.75	170.652	2.398e+08	1.4197e+08
	10.000s	2088.99	12878.82	170.653	2.0611e+08	1.4465e+08
	5.000s	2089.05	12878.68	170.651	2.9204e+08	1.2416e+08

3.000s	2089.05	12878.67	170.651	2.6769e+08	1.1516e+08
1.000s	2088.96	12878.88	170.654	2.0028e+08	6.6252e+07
100.000m	2088.29	12880.42	170.674	3.0747e+08	1.0974e+08

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8 points for Peak 4, Cursor Point = 2104, 12844.31 Hz, 170.196 ppm

Results Comp. 1

I[0] = 7.469e-01

P = -1.919e-01

T1 = 3.161s

SD = 1.312e-01

	tau	cursor	freq	ppm	integral	intensity
30.000s	2104.66	12842.80	170.176	1.5977e+08	7.4987e+07	
20.000s	2103.20	12846.15	170.220	1.5915e+08	1.1539e+08	
15.000s	2102.93	12846.76	170.228	2.5065e+08	1.5226e+08	
10.000s	2102.99	12846.62	170.227	2.6279e+08	1.1271e+08	
5.000s	2103.02	12846.57	170.226	2.0968e+08	1.0746e+08	
3.000s	2102.68	12847.34	170.236	1.6338e+08	1.0465e+08	
1.000s	2102.49	12847.79	170.242	1.9179e+08	8.1221e+07	
100.000m	2102.32	12848.18	170.247	2.0699e+08	9.264e+07	

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8 points for Peak 5, Cursor Point = 2127, 12791.43 Hz, 169.495 ppm

Results Comp. 1

I[0] = 9.184e-01

P = -3.092e-01

T1 = 2.118s

SD = 5.926e-02

	tau	cursor	freq	ppm	integral	intensity
30.000s	2128.98	12786.89	169.435	1.8765e+08	1.3666e+08	
20.000s	2128.32	12788.39	169.455	2.6897e+08	1.2059e+08	
15.000s	2128.11	12788.89	169.462	2.7224e+08	1.2873e+08	
10.000s	2128.08	12788.95	169.462	2.3014e+08	1.3942e+08	
5.000s	2128.12	12788.85	169.461	2.64e+08	1.4492e+08	
3.000s	2128.06	12789.00	169.463	2.508e+08	1.1281e+08	
1.000s	2127.98	12789.17	169.465	2.2082e+08	1.0281e+08	
100.000m	2102.32	12848.18	170.247	1.0911e+08	9.264e+07	

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7 points for Peak 6, Cursor Point = 2611, 11678.78 Hz, 154.752 ppm

Results Comp. 1

I[0] = 8.218e-01

P = -4.110e-01

T1 = 5.517s

SD = 1.144e-01

	tau	cursor	freq	ppm	integral	intensity
30.000s	2613.08	11673.99	154.688	2.3013e+08	1.3545e+08	
20.000s	2611.21	11678.30	154.745	2.1455e+08	9.7598e+07	
15.000s	2610.97	11678.84	154.753	1.769e+08	1.5834e+08	
10.000s	2611.05	11678.67	154.750	1.4322e+08	1.1847e+08	
5.000s	2610.97	11678.84	154.753	1.7336e+08	8.9737e+07	

3.000s	2610.15	11680.73	154.778	1.9039e+08	1.0025e+08
1.000s	2610.20	11680.63	154.776	1.4179e+08	7.5748e+07
100.000m	2611.00	11678.78	154.752	5.3744e+07	*****

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7 points for Peak 7, Cursor Point = 3233, 10248.88 Hz, 135.805 ppm

Results Comp. 1

I[0] = 8.715e-01

P = -5.389e-01

T1 = 2.013s

SD = 7.533e-02

	tau	cursor	freq	ppm	integral	intensity
30.000s	3234.13	10246.28	135.770	1.9243e+08	1.1691e+08	
20.000s	3232.40	10250.25	135.823	2.7441e+08	1.1485e+08	
15.000s	3232.00	10251.17	135.835	2.72e+08	1.379e+08	
10.000s	3231.28	10252.84	135.857	2.65e+08	1.1669e+08	
5.000s	3231.31	10252.76	135.856	2.1432e+08	9.8222e+07	
3.000s	3231.12	10253.21	135.862	1.4337e+08	1.1522e+08	
1.000s	3230.92	10253.65	135.868	1.4714e+08	7.2785e+07	
100.000m	3233.00	10248.88	135.805	4.3815e+07	*****	

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7 points for Peak 8, Cursor Point = 3408, 9846.57 Hz, 130.474 ppm

Results Comp. 1

I[0] = 9.062e-01

P = -3.272e-01

T1 = 1.580s

SD = 4.865e-02

	tau	cursor	freq	ppm	integral	intensity
30.000s	3413.00	9835.07	130.321	5.4298e+08	2.8276e+08	
20.000s	3411.42	9838.71	130.370	6.7578e+08	2.8521e+08	
15.000s	3411.04	9839.59	130.381	7.0401e+08	3.3468e+08	
10.000s	3410.93	9839.84	130.385	5.748e+08	3.0574e+08	
5.000s	3410.98	9839.72	130.383	7.1193e+08	3.0784e+08	
3.000s	3410.83	9840.07	130.388	7.0157e+08	2.8147e+08	
1.000s	3410.34	9841.19	130.402	7.2657e+08	2.4593e+08	
100.000m	3408.00	9846.57	130.474	1.4567e+08	*****	

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7 points for Peak 9, Cursor Point = 3464, 9717.84 Hz, 128.768 ppm

Results Comp. 1

I[0] = -2.061e+03

P = 2.062e+03

T1 = 428958.561s

SD = 6.545e-02

	tau	cursor	freq	ppm	integral	intensity
30.000s	3465.21	9715.06	128.731	6.406e+08	2.5347e+08	
20.000s	3464.03	9717.77	128.767	7.522e+08	2.7849e+08	
15.000s	3463.26	9719.53	128.790	6.7713e+08	2.8919e+08	
10.000s	3463.16	9719.77	128.794	7.674e+08	3.286e+08	
5.000s	3463.16	9719.76	128.794	7.294e+08	2.9638e+08	

3.000s	3463.08	9719.96	128.796	7.0942e+08	3.3035e+08
1.000s	3463.01	9720.11	128.798	7.2975e+08	2.7166e+08
100.000m	3464.00	9717.84	128.768	2.0596e+08	*****

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7 points for Peak 10, Cursor Point = 3482, 9676.46 Hz, 128.220 ppm

Results Comp. 1

I[0] = 8.879e-01

P = -2.205e-01

T1 = 1.406s

SD = 6.185e-02

tau	cursor	freq	ppm	integral	intensity
30.000s	3482.70	9674.84	128.198	5.4892e+08	2.2428e+08
20.000s	3481.15	9678.42	128.246	7.4178e+08	2.9116e+08
15.000s	3480.84	9679.12	128.255	7.3866e+08	2.6014e+08
10.000s	3480.62	9679.64	128.262	7.3429e+08	2.5581e+08
5.000s	3480.63	9679.60	128.261	7.4053e+08	2.6105e+08
3.000s	3480.57	9679.73	128.263	7.0136e+08	2.4887e+08
1.000s	3480.17	9680.66	128.275	6.7331e+08	2.2722e+08
100.000m	3482.00	9676.46	128.220	1.4288e+08	*****

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7 points for Peak 11, Cursor Point = 3533, 9559.21 Hz, 126.666 ppm

Results Comp. 1

I[0] = -2.843e+03

P = 2.844e+03

T1 = 563954.941s

SD = 9.972e-02

tau	cursor	freq	ppm	integral	intensity
30.000s	3534.09	9556.71	126.633	2.2758e+08	1.2323e+08
20.000s	3532.97	9559.29	126.667	3.152e+08	1.1923e+08
15.000s	3532.14	9561.18	126.692	3.0029e+08	1.3737e+08
10.000s	3532.15	9561.17	126.692	4.4253e+08	1.8562e+08
5.000s	3532.21	9561.04	126.690	3.5819e+08	1.3898e+08
3.000s	3532.07	9561.36	126.695	3.6253e+08	1.5244e+08
1.000s	3532.02	9561.48	126.696	2.4352e+08	1.3439e+08
100.000m	3533.00	9559.21	126.666	1.2975e+08	*****

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6 points for Peak 12, Cursor Point = 3588, 9432.78 Hz, 124.991 ppm

Results Comp. 1

I[0] = 7.861e-01

P = -1.821e+01

T1 = 783.817m

SD = 1.109e-01

tau	cursor	freq	ppm	integral	intensity
30.000s	3590.14	9427.86	124.926	2.4312e+08	1.3824e+08
20.000s	3588.89	9430.72	124.964	2.9871e+08	1.1682e+08
15.000s	3588.10	9432.55	124.988	3.0836e+08	1.8688e+08
10.000s	3588.07	9432.63	124.989	3.3876e+08	1.4569e+08
5.000s	3588.17	9432.40	124.986	1.9999e+08	1.4115e+08

3.000s	3588.21	9432.30	124.984	1.2115e+08	7.2857e+07
1.000s	3588.00	9432.78	124.991	1.0108e+08	*****
100.000m	3588.00	9432.78	124.991	2.0639e+07	*****

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7 points for Peak 13, Cursor Point = 3902, 8710.93 Hz, 115.426 ppm

Results Comp. 1

I[0] = 9.743e-01

P = -1.002e-01

T1 = 66.015s

SD = 5.914e-02

	tau	cursor	freq	ppm	integral	intensity
30.000s	3904.01	8706.31	115.365	5.6102e+08	3.0655e+08	
20.000s	3902.30	8710.25	115.417	7.2465e+08	2.8518e+08	
15.000s	3901.90	8711.16	115.429	7.5972e+08	3.3496e+08	
10.000s	3901.59	8711.86	115.438	6.0912e+08	2.6874e+08	
5.000s	3901.70	8711.62	115.435	8.8313e+08	2.9426e+08	
3.000s	3901.35	8712.42	115.446	8.3006e+08	3.1225e+08	
1.000s	3901.13	8712.92	115.452	6.8058e+08	2.8463e+08	
100.000m	3902.00	8710.93	115.426	2.9358e+07	*****	

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8 points for Peak 14, Cursor Point = 5915, 4083.29 Hz, 54.106 ppm

Results Comp. 1

I[0] = 8.856e-01

P = -2.752e-01

T1 = 436.962m

SD = 1.011e-01

	tau	cursor	freq	ppm	integral	intensity
30.000s	5917.84	4076.77	54.020	2.3511e+08	1.0211e+08	
20.000s	5916.94	4078.84	54.047	3.5084e+08	7.8342e+07	
15.000s	5916.14	4080.68	54.072	3.9039e+08	1.1379e+08	
10.000s	5909.08	4096.91	54.287	3.481e+08	1.1248e+08	
5.000s	5915.90	4081.22	54.079	3.5211e+08	9.2041e+07	
3.000s	5909.03	4097.01	54.288	4.1825e+08	1.1555e+08	
1.000s	5908.75	4097.67	54.297	5.4112e+08	9.8667e+07	
100.000m	5908.95	4097.20	54.291	2.9297e+08	7.7067e+07	

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7 points for Peak 15, Cursor Point = 5985, 3922.37 Hz, 51.974 ppm

Results Comp. 1

I[0] = 8.307e-01

P = 7.553e-02

T1 = 3.158s

SD = 1.062e-01

	tau	cursor	freq	ppm	integral	intensity
30.000s	5988.95	3913.29	51.854	2.8208e+08	9.9024e+07	
20.000s	5987.23	3917.25	51.906	2.3669e+08	6.9562e+07	
15.000s	5986.01	3920.06	51.943	4.6107e+08	8.8891e+07	
10.000s	5985.96	3920.17	51.945	3.6422e+08	6.8912e+07	
5.000s	5985.75	3920.64	51.951	3.2552e+08	8.1018e+07	

3.000s	5985.86	3920.40	51.948	3.3548e+08	9.4273e+07
1.000s	5985.63	3920.91	51.955	3.8529e+08	8.4385e+07
100.000m	5985.00	3922.37	51.974	4.6377e+08	*****

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8 points for Peak 16, Cursor Point = 6312, 3170.64 Hz, 42.013 ppm

Results Comp. 1

I[0] = -2.336e+03  
P = 2.337e+03  
T1 = 381745.930s

SD = 7.705e-02

tau	cursor	freq	ppm	integral	intensity
30.000s	6324.92	3140.93	41.619	5.6481e+08	6.5946e+07
20.000s	6314.16	3165.67	41.947	5.2469e+08	6.7238e+07
15.000s	6322.06	3147.50	41.707	5.4946e+08	8.3895e+07
10.000s	6313.05	3168.23	41.981	4.8364e+08	7.5786e+07
5.000s	6313.09	3168.13	41.980	5.3637e+08	8.02e+07
3.000s	6322.10	3147.42	41.705	5.4198e+08	9.8994e+07
1.000s	6321.98	3147.69	41.709	6.5287e+08	7.5965e+07
100.000m	6321.49	3148.82	41.724	4.3717e+08	7.8985e+07

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8 points for Peak 17, Cursor Point = 6321, 3149.95 Hz, 41.739 ppm

Results Comp. 1

I[0] = -2.550e+03  
P = 2.551e+03  
T1 = 483557.906s

SD = 7.547e-02

tau	cursor	freq	ppm	integral	intensity
30.000s	6324.92	3140.93	41.619	*****	6.5946e+07
20.000s	6323.62	3143.92	41.659	*****	7.2342e+07
15.000s	6322.06	3147.50	41.707	*****	8.3895e+07
10.000s	6322.34	3146.86	41.698	*****	7.6191e+07
5.000s	6322.57	3146.33	41.691	*****	7.717e+07
3.000s	6322.10	3147.42	41.705	*****	9.8994e+07
1.000s	6321.98	3147.69	41.709	*****	7.5965e+07
100.000m	6321.49	3148.82	41.724	*****	7.8985e+07

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8 points for Peak 18, Cursor Point = 6395, 2979.83 Hz, 39.485 ppm

Results Comp. 1

I[0] = -7.711e+02  
P = 7.719e+02  
T1 = 376761.719s

SD = 8.521e-02

tau	cursor	freq	ppm	integral	intensity
30.000s	6397.96	2973.02	39.395	2.34e+08	1.2035e+08
20.000s	6395.99	2977.56	39.455	2.2777e+08	1.1034e+08
15.000s	6395.08	2979.64	39.482	3.0398e+08	1.4982e+08
10.000s	6394.73	2980.44	39.493	3.0181e+08	1.1649e+08
5.000s	6394.79	2980.32	39.491	4.0649e+08	1.2951e+08

3.000s	6394.40	2981.22	39.503	3.3081e+08	1.3657e+08
1.000s	6394.10	2981.89	39.512	2.3103e+08	1.3894e+08
100.000m	6394.04	2982.05	39.514	3.191e+08	1.1345e+08

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8 points for Peak 19, Cursor Point = 6492, 2756.84 Hz, 36.530 ppm

Results Comp. 1

I[0] = 8.991e-01  
P = -2.667e-01  
T1 = 653.522m

SD = 6.182e-02

	tau	cursor	freq	ppm	integral	intensity
30.000s	6493.23	2754.01	36.493	3.1784e+08	9.1112e+07	
20.000s	6492.07	2756.68	36.528	2.9545e+08	1.0986e+08	
15.000s	6491.41	2758.20	36.548	2.6002e+08	9.353e+07	
10.000s	6491.31	2758.42	36.551	3.7934e+08	1.0201e+08	
5.000s	6491.41	2758.20	36.548	3.2174e+08	1.1384e+08	
3.000s	6491.21	2758.66	36.554	2.8975e+08	1.0379e+08	
1.000s	6491.51	2757.97	36.545	3.0881e+08	9.5383e+07	
100.000m	6491.01	2759.12	36.560	2.4317e+08	7.6376e+07	

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8 points for Peak 20, Cursor Point = 6528, 2674.08 Hz, 35.433 ppm

Results Comp. 1

I[0] = -2.822e+03  
P = 2.823e+03  
T1 = 618496.031s

SD = 9.748e-02

	tau	cursor	freq	ppm	integral	intensity
30.000s	6528.92	2671.98	35.406	2.5558e+08	9.6259e+07	
20.000s	6527.75	2674.66	35.441	2.8172e+08	9.7052e+07	
15.000s	6527.05	2676.26	35.462	3.2261e+08	1.1792e+08	
10.000s	6527.05	2676.28	35.462	4.0212e+08	1.3475e+08	
5.000s	6526.99	2676.40	35.464	3.4274e+08	1.3722e+08	
3.000s	6527.02	2676.32	35.463	3.8087e+08	1.0542e+08	
1.000s	6526.95	2676.50	35.465	4.565e+08	1.1532e+08	
100.000m	6526.22	2678.18	35.488	3.4739e+08	1.0539e+08	

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8 points for Peak 21, Cursor Point = 6906, 1805.11 Hz, 23.919 ppm

Results Comp. 1

I[0] = 6.557e-01  
P = 2.316e-01  
T1 = 43.743s

SD = 7.040e-02

	tau	cursor	freq	ppm	integral	intensity
30.000s	6908.82	1798.61	23.833	2.0118e+08	1.0718e+08	
20.000s	6907.09	1802.59	23.886	2.3436e+08	1.0891e+08	
15.000s	6906.61	1803.70	23.900	3.4539e+08	1.1648e+08	
10.000s	6906.37	1804.25	23.908	3.4141e+08	1.1325e+08	
5.000s	6906.29	1804.44	23.910	2.8197e+08	1.271e+08	

3.000s	6906.17	1804.72	23.914	3.7511e+08	1.1963e+08
1.000s	6906.25	1804.53	23.911	3.2371e+08	1.0132e+08
100.000m	6905.92	1805.28	23.921	4.4754e+08	1.3836e+08

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8 points for Peak 22, Cursor Point = 6975, 1646.48 Hz, 21.817 ppm

Results      Comp. 1

I[0] = 8.403e-01  
P = -1.193e-01  
T1 = 847.408m

SD = 9.218e-02

	tau	cursor	freq	ppm	integral	intensity
30.000s	6979.02	1637.25	21.695	2.9811e+08	1.2028e+08	
20.000s	6977.85	1639.93	21.730	2.6965e+08	1.0583e+08	
15.000s	6977.14	1641.57	21.752	2.7413e+08	1.3966e+08	
10.000s	6977.03	1641.81	21.755	3.2506e+08	1.4146e+08	
5.000s	6977.05	1641.78	21.755	3.503e+08	1.5908e+08	
3.000s	6977.07	1641.71	21.754	3.2505e+08	1.3692e+08	
1.000s	6976.87	1642.19	21.760	3.3561e+08	1.2545e+08	
100.000m	6976.61	1642.78	21.768	4.5125e+08	1.1743e+08	

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8 points for Peak 23, Cursor Point = 7026, 1529.24 Hz, 20.263 ppm

Results      Comp. 1

I[0] = 7.829e-01  
P = 1.881e-01  
T1 = 7.704s

SD = 1.185e-01

	tau	cursor	freq	ppm	integral	intensity
30.000s	7027.99	1524.66	20.203	3.2012e+08	1.193e+08	
20.000s	7025.87	1529.54	20.268	2.8372e+08	7.1652e+07	
15.000s	7025.11	1531.28	20.290	2.8204e+08	1.0938e+08	
10.000s	7024.83	1531.92	20.299	2.4065e+08	1.1035e+08	
5.000s	7024.82	1531.96	20.300	4.1341e+08	1.2819e+08	
3.000s	7024.75	1532.12	20.302	3.4499e+08	1.0086e+08	
1.000s	7024.17	1533.45	20.319	3.4963e+08	1.2802e+08	
100.000m	7024.04	1533.74	20.323	2.7776e+08	1.2138e+08	

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