

Parameters

		Value	Standard Error	t-Value	Prob> t	Dependency
Peak1(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	755.08772	329.2144	2.2936	0.02187	1
	A	25817.4678	--	--	--	1
	wG	14.12396	147.26919	0.09591	0.9236	1
	wL	0.06548	159.20001	4.11275E-4	0.99967	1
	FWHM	14.159	--	--	--	1
Peak2(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	759.89975	652.33744	1.16489	0.24414	1
	A	8065.82067	4254467.82758	0.0019	0.99849	1
	wG	8.93808	1448.54073	0.00617	0.99508	1
	wL	5.89921	957.376	0.00616	0.99508	1
	FWHM	12.50396	--	--	--	1
Peak3(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	765.11278	8998.19503	0.08503	0.93224	1
	A	16516.59846	--	--	--	1
	wG	17.70294	2794.81943	0.00633	0.99495	1
	wL	5.10392E-17	--	--	--	--
	FWHM	17.70294	2794.81943	--	--	1
Peak4(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	771.52882	26.95215	28.62588	2.0648E-162	0.99997
	A	11641.2661	1.12376E7	0.00104	0.99917	1
	wG	7.89968	1038.4194	0.00761	0.99393	1
	wL	1.52095	4733.55774	3.21312E-4	0.99974	1
	FWHM	8.74443	1714.26892	--	--	1
Peak5(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	777.94486	1646.17254	0.47258	0.63654	1
	A	32557.50617	--	--	--	1
	wG	16.23701	6511.02508	0.00249	0.99801	1
	wL	6.67244	5788.68717	0.00115	0.99908	1
	FWHM	20.09839	4798.59953	--	--	1
Peak6(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	781.55388	3.33142	234.60081	0	0.99952
	A	47808.51948	4785433.8385	0.00999	0.99203	1
	wG	0.46273	854.51646	5.4151E-4	0.99957	0.99999
	wL	10.37912	344.68208	0.03011	0.97598	1
	FWHM	10.40126	263.3389	--	--	1
Peak7(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	793.98496	3.9844	199.27332	0	0.99999
	A	183093.92053	1.02838E7	0.0178	0.9858	1
	wG	8.51674	60.85031	0.13996	0.8887	1
	wL	1.66956	285.31359	0.00585	0.99533	1
	FWHM	9.44466	105.4944	--	--	1
Peak8(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	804.81203	629.67054	1.27815	0.20128	1
	A	64873.32199	7.34962E7	8.82676E-4	0.9993	1
	wG	11.30151	1071.7221	0.01055	0.99159	1
	wL	6.30402E-18	--	--	--	--
	FWHM	11.30151	1071.7221	--	--	1
Peak9(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	808.42105	33724.17272	0.02397	0.98088	1
	A	43959.06109	3.5557E8	1.2363E-4	0.9999	1
	wG	16.47534	57794.6482	2.85067E-4	0.99977	1
	wL	6.08739	17945.28472	3.3922E-4	0.99973	1
	FWHM	19.97148	52256.56454	--	--	1
Peak10(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	815.2381	34389.19135	0.02371	0.98109	1
	A	48716.2306	6.22036E8	7.83174E-5	0.99994	1
	wG	13.3944	19062.55021	7.02655E-4	0.99944	1
	wL	6.6079	21495.58646	3.07407E-4	0.99975	1
	FWHM	17.2755	24457.85098	--	--	1
Peak11(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	818.04511	3345.05417	0.24455	0.80682	1
	A	57894.97511	4.11257E8	1.40776E-4	0.99989	1
	wG	11.27995	8627.75655	0.00131	0.99896	1
	wL	3.48933	5338.65566	6.53597E-4	0.99948	1
	FWHM	13.26164	7954.00746	--	--	1
Peak12(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	825.66416	4.448	185.6258	0	0.9995
	A	35494.57309	2.15784E7	0.00164	0.99869	1
	wG	3.20674	732.97365	0.00437	0.99651	1
	wL	9.88462	2050.00709	0.00482	0.99615	1
	FWHM	10.89201	1462.55785	--	--	1
Peak13(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	831.6792	754.79682	1.10186	0.2706	1
	A	57429.0504	8.41058E7	6.82819E-4	0.99946	1
	wG	9.55607	5118.77933	0.00187	0.99851	1
	wL	6.88814	16204.18005	4.25084E-4	0.99966	1
	FWHM	13.76185	6270.44897	--	--	1
Peak14(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	842.50627	665.71717	1.26556	0.20575	1
	A	51169.8928	1.48314E8	3.45011E-4	0.99972	1
	wG	12.88649	6664.45766	0.00193	0.99846	1
	wL	6.04943	19425.372	3.11419E-4	0.99975	1
	FWHM	16.42448	9874.0625	--	--	1
Peak15(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	855.73935	3912.72418	0.21871	0.82689	1
	A	28850.66948	4.01786E8	7.18061E-5	0.99994	1
	wG	11.40783	18637.68498	6.12084E-4	0.99951	1
	wL	11.0155	88600.93256	1.24327E-4	0.9999	1
	FWHM	18.39573	49131.63641	--	--	1
Peak16(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	864.1604	31813.21827	0.02716	0.97833	1
	A	77326.76013	1.47566E9	5.24017E-5	0.99996	1
	wG	15.7615	106236.80178	1.48362E-4	0.99988	1
	wL	17.84161	128213.65626	1.39155E-4	0.99989	1
	FWHM	27.35311	25391.27131	--	--	1
Peak17(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	858.94737	237866.23202	0.00361	0.99712	1
	A	35464.7875	1.41301E9	2.50988E-5	0.99998	1
	wG	24.5963	167787.08705	1.46592E-4	0.99988	1
	wL	9.95668	56890.59006	1.75014E-4	0.99986	1
	FWHM	30.35184	146770.52707	--	--	1
Peak18(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	882.20551	3381.85699	0.26086	0.79421	1
	A	61820.21352	4.73597E7	0.00131	0.99896	1
	wG	17.23675	5958.78188	0.00289	0.99769	1
	wL	9.85113	9106.35074	0.00108	0.99914	1
	FWHM	23.10248	1949.35065	--	--	1
Peak19(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	889.02256	69.53649	12.78498	1.25198E-36	0.99996
	A	-24646.06373	2.55124E7	-9.66044E-4	0.99923	1
	wG	0.00522	2788627.65307	1.87277E-9	1	1
	wL	22.57822	6826.74322	0.00331	0.99736	1
	FWHM	22.57829	5457.24287	--	--	1
Peak20(Smoothed Y1)	y0	-100.03008	10.86482	-9.20678	5.58173E-20	0.91324
	xc	893.83459	205.77235	4.3438	1.43935E-5	1
	A	34990.64977	3191144.15092	0.01096	0.99125	1
	wG	15.7549	129.57627	0.12159	0.90323	1
	wL	6.60052E-18	0	--	--	--
	FWHM	15.7549	129.57627	--	--	1

Reduced Chi-sqr = 37361.4835694
COD(R^2) = 0.99567830546827
Iterations Performed = 15
Total Iterations in Session = 15
Fit converged. Chi-Sqr tolerance value of 1E-9 was reached.
Standard Error was scaled with square root of reduced Chi-Sqr.
FWHM are derived parameter(s).

Statistics

	Smoothed Y1
Number of Points	3648
Degrees of Freedom	3567
Reduced Chi-Sqr	37361.48357
Residual Sum of Squares	1.33268E8
R-Square (COD)	0.99568
Adj. R-Square	0.99558
Fit Status	Succeeded(100)

Fit Status Code :
100 : Fit converged. Chi-Sqr tolerance value of 1E-9 was reached.

Summary

	y0		xc		A		w G		w L		FWHM		Statistics	
	Value	Standard Error	Value	Standard Error	Value	Standard Error	Value	Standard Error	Value	Standard Error	Value	Standard Error	Reduced Chi-Sqr	Adj. R-Square
Peak1(Smoothed Y1)	-100.03008	10.86482	755.08772	329.2144	25817.4678	--	14.12396	147.26919	0.06548	159.20001	14.159	--	37361.48357	0.99558
Peak2(Smoothed Y1)	-100.03008	10.86482	759.89975	652.33744	8065.82067	4254467.82758	8.93808	1448.54073	5.89921	957.376	12.50396	--		
Peak3(Smoothed Y1)	-100.03008	10.86482	765.11278	8998.19503	16516.59846	--	17.70294	2794.81943	5.10392E-17	--	17.70294	2794.81943		
Peak4(Smoothed Y1)	-100.03008	10.86482	771.52882	26.95215	11641.2661	1.12376E7	7.89968	1038.4194	1.52095	4733.55774	8.74443	1714.26892		
Peak5(Smoothed Y1)	-100.03008	10.86482	777.94486	1646.17254	32557.50617	--	16.23701	6511.02508	6.67244	5788.68717	20.09839	4798.59953		
Peak6(Smoothed Y1)	-100.03008	10.86482	781.55388	3.33142	47808.51948	4785433.8385	0.46273	854.51646	10.37912	344.68208	10.40126	263.3389		
Peak7(Smoothed Y1)	-100.03008	10.86482	793.98496	3.9844	183093.92053	1.02838E7	8.51674	60.85031	1.66956	285.31359	9.44466	105.4944		
Peak8(Smoothed Y1)	-100.03008	10.86482	804.81203	629.67054	64873.32199	7.34962E7	11.30151	1071.7221	6.30402E-18	--	11.30151	1071.7221		
Peak9(Smoothed Y1)	-100.03008	10.86482	808.42105	33724.17272	43959.06109	3.5557E8	16.47534	57794.6482	6.08739	17945.28472	19.97148	52256.56454		
Peak10(Smoothed Y1)	-100.03008	10.86482	815.2381	34389.19135	48716.2306	6.22036E8	13.3944	19062.55021	6.6079	21495.58646	17.2755	24457.85098		
Peak11(Smoothed Y1)	-100.03008	10.86482	818.04511	3345.05417	57894.97511	4.11257E8	11.27995	8627.75655	3.48933	5338.65566	13.26164	7954.00746		
Peak12(Smoothed Y1)	-100.03008	10.86482	825.66416	4.448	35494.57309	2.15784E7	3.20674	732.97365	9.88462	2050.00709	10.89201	1462.55785		
Peak13(Smoothed Y1)	-100.03008	10.86482	831.6792	754.79682	57429.0504	8.41058E7	9.55607	5118.77933	6.88814	16204.18005	13.76185	6270.44897		
Peak14(Smoothed Y1)	-100.03008	10.86482	842.50628	665.71717	51169.8928	1.48314E8	12.88649	6664.45766	6.04943	19425.372	16.42448	9874.0625		
Peak15(Smoothed Y1)	-100.03008	10.86482	855.73935	3912.72418	28850.66948	4.01766E8	11.40783	18637.68498	11.0155	88600.93256	18.39573	49131.63641		
Peak16(Smoothed Y1)	-100.03008	10.86482	864.1604	31813.21827	77326.76013	1.47566E9	15.7615	106236.80178	17.84611	182813.65626	27.35311	25391.27131		
Peak17(Smoothed Y1)	-100.03008	10.86482	858.94737	237866.23202	35464.7875	1.41301E9	24.5963	167787.08705	9.95668	56890.59006	30.35184	146770.52707		
Peak18(Smoothed Y1)	-100.03008	10.86482	882.20551	3381.85699	61820.21352	4.73597E7	17.23675	5958.78188	9.85113	9106.35074	23.10248	1949.35065		
Peak19(Smoothed Y1)	-100.03008	10.86482	889.02256	69.53649	-24646.06373	2.55124E7	0.00522	2788627.65307	22.57822	6826.74322	22.57829	5457.24287		
Peak20(Smoothed Y1)	-100.03008	10.86482	893.83459	205.77235	34990.64977	3191144.15092	15.7549	129.57627	6.60052E-18	0	15.7549	129.57627		