

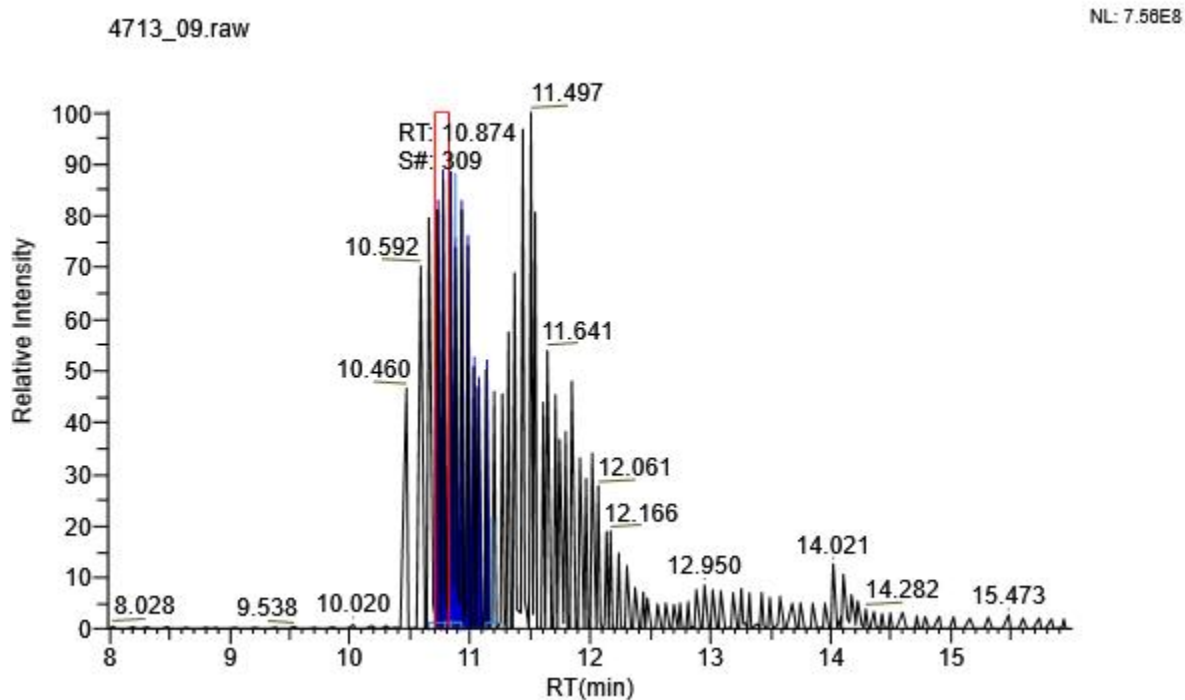
Sample Information

Raw File Name	D:\Data\4713\4713_09.raw
Instrument Method	C:\Xcalibur\methods\UltiMate\NoFAIMS_Intact_Protein\Direct_Injection_TD_Thermo_Settings_25min.meth
Vial	RE9
Injection Volume (µL)	1
Sample Weight	0
Sample Volume (µL)	0
ISTD Amount	0
Dil Factor	1

Chromatogram Parameters

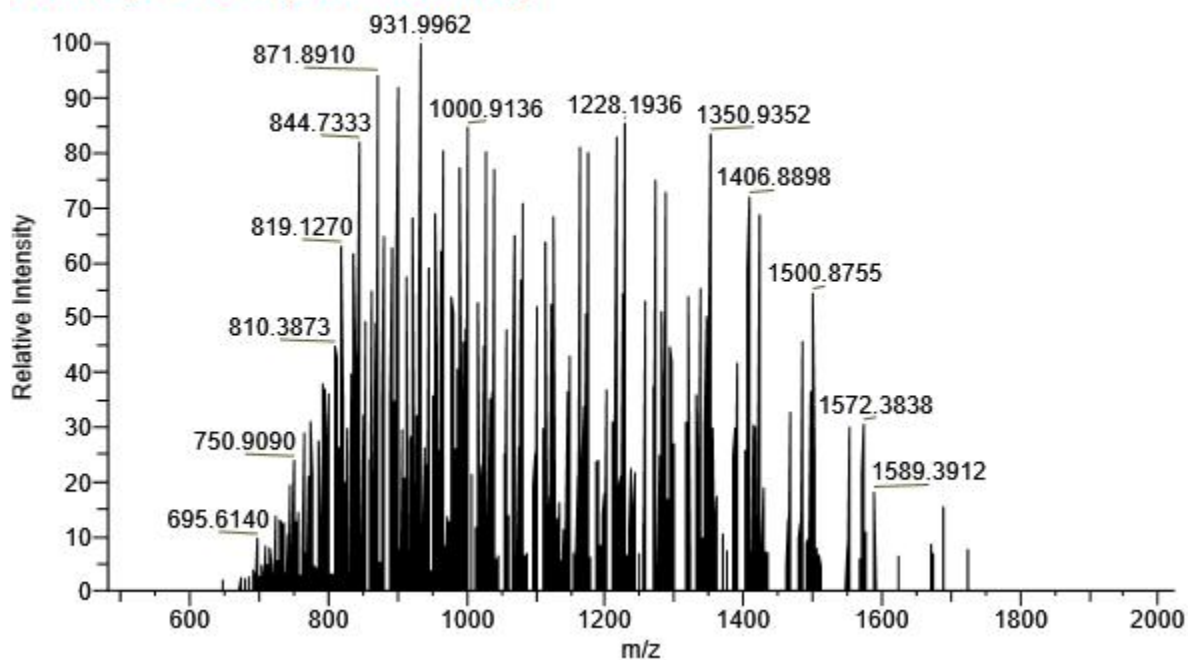
Use Restricted Time	True
Time Limits	8.000 - 16.000 minutes
Scan Range	227 - 617
m/z Range	400 - 2000
Chromatogram Trace Type	TIC
Sensitivity	High
Rel. Intensity Threshold (%)	5

Chromatogram

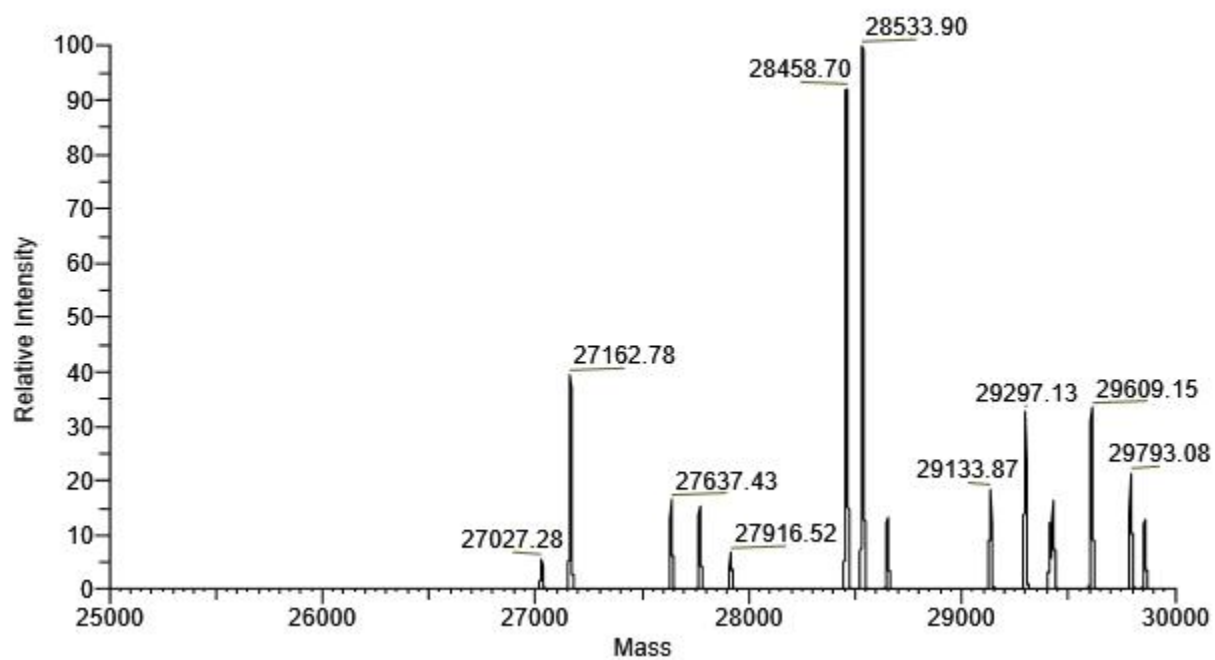


Main Parameters (ReSpect™)	
Deconvolution Results Filter	
Output Mass Range	25000 - 30000
Deconvoluted Spectra Display Mode	Isotopic Profile (new)
Charge State Distribution	
Deconvolution Mass Tolerance	50 ppm
Choice of Peak Model	
Choice of Peak Model	Intact Protein
Resolution at 400 m/z	
Raw File Specific	5303
Generate XIC for Each Component	
Calculate XIC	True
Advanced Parameters (ReSpect™)	
Charge State Distribution	
Model Mass Range	27000 - 30000
Charge State Range	10 - 50
Minimum Adjacent Charges (low & high model mass)	4 - 4
Noise Parameters	
Rel. Abundance Threshold (%)	5
Deconvolution Quality	
Quality Score Threshold	5
Choice of Peak Model	
Target Mass	28000 Da
Peak Model Parameters	
Number of Peak Models	1
Left/Right Peak Shape	2:2
Peak Filter Parameters	
Peak Detection Minimum Significance Measure	1 Standard Deviations
Peak Detection Quality Measure	95%
Specialized Parameters	
Peak Model Width Factor	1
Intensity Threshold Scale	0.01
Deconvolution Parameters	
Noise Compensation	True
Charge Carrier	H
Negative Charge	False
Source Spectra Parameters	
Source Spectra Method	Auto Peak Detection
Sensitivity	High
Rel. Intensity Threshold (%)	5

4713_09 #300-307 RT:10.709-10.831 AV:8
F:FTMS + p NSI Full ms [500.0000-2000.0000]



4713_09



ReSpect Masses Table													
Row Number	Average Mass	Intensity	Relative Abundance	Fractional Abundance	Score	Number of Charge States	Charge State Distribution	Mass Std Dev	PPM Std Dev	Delta Mass	Start Time (min)	Stop Time (min)	Apex RT
1	28533.90	129475240.00	100.00	22.90	91.17	16	19 - 34	1.81	63.43	0.00	10.709	10.831	10.730
2	28458.70	61807704.00	47.74	10.93	59.79	11	29 - 39	2.03	71.40	-75.20	10.709	10.831	10.730
3	28457.02	59705200.00	46.11	10.56	46.60	9	19 - 27	1.31	46.00	-76.88	10.709	10.831	10.730
4	27162.78	50924424.00	39.33	9.01	33.09	6	27 - 32	1.97	72.49	-1371.12	10.709	10.831	10.830
5	29609.15	43245796.00	33.40	7.65	19.75	4	32 - 35	5.52	186.29	1075.25	10.709	10.831	10.830
6	29297.13	42238288.00	32.62	7.47	19.48	4	33 - 36	2.92	99.58	763.23	10.709	10.831	10.730
7	29793.08	27433822.00	21.19	4.85	16.34	4	31 - 34	2.72	91.42	1259.18	10.709	10.831	10.830
8	29133.87	23661968.00	18.28	4.19	17.15	4	35 - 38	4.56	156.35	599.97	10.709	10.831	10.830
9	27637.43	21312112.00	16.46	3.77	17.15	4	30 - 33	4.85	175.62	-896.47	10.709	10.831	10.730
10	29428.99	20942440.00	16.17	3.70	19.02	4	33 - 36	4.02	136.49	895.09	10.709	10.831	10.730
11	27770.36	19707274.00	15.22	3.49	19.48	4	33 - 36	3.13	112.59	-763.54	10.709	10.831	10.830
12	28650.83	16985800.00	13.12	3.00	21.58	5	31 - 35	4.38	152.93	116.93	10.709	10.831	10.770
13	29858.04	16521601.00	12.76	2.92	18.89	4	37 - 40	5.09	170.41	1324.14	10.709	10.831	10.770
14	29413.28	15695589.00	12.12	2.78	23.96	5	35 - 39	4.14	140.68	879.38	10.709	10.831	10.730
15	27916.52	8681341.00	6.71	1.54	20.09	4	33 - 36	3.46	123.90	-617.38	10.709	10.831	10.830
16	27027.28	7027102.00	5.43	1.24	18.80	4	34 - 37	2.89	107.02	-1506.62	10.709	10.831	10.730

BioPharma Finder Report

Created: 22/12/2025 16:49:44

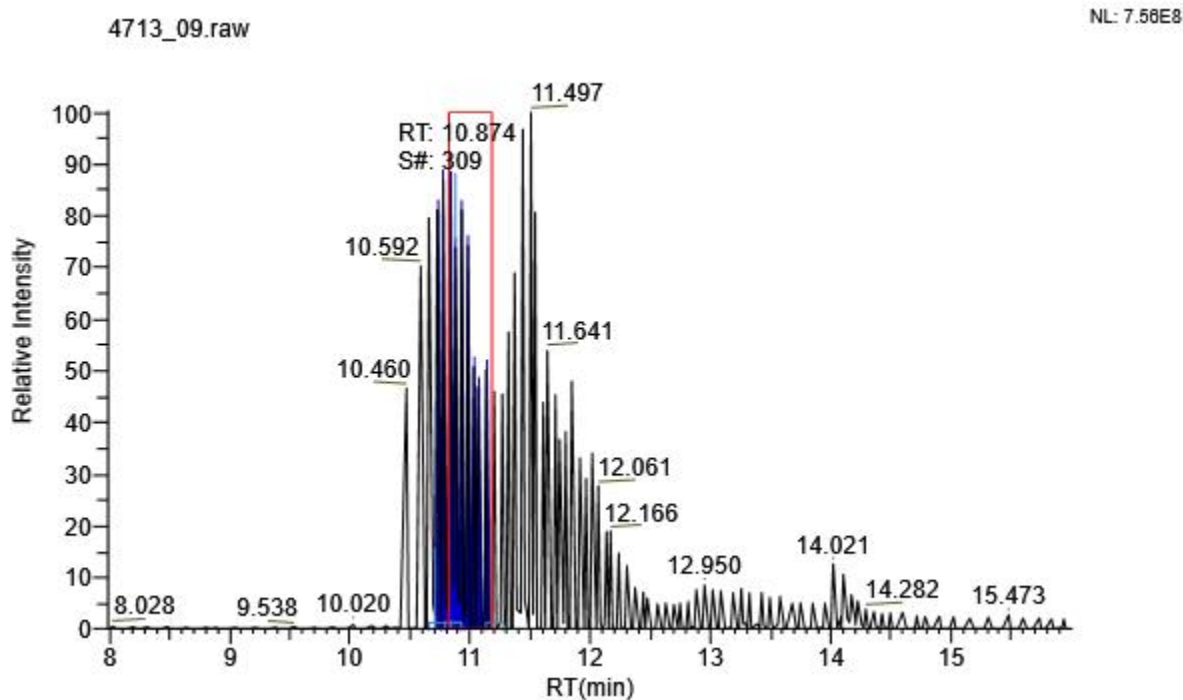
Sample Information

Raw File Name	D:\Data\4713\4713_09.raw
Instrument Method	C:\Xcalibur\methods\UltiMate\NoFAIMS_Intact_Protein\Direct_Injection_TD_Thermo_Settings_25min.meth
Vial	RE9
Injection Volume (µL)	1
Sample Weight	0
Sample Volume (µL)	0
ISTD Amount	0
Dil Factor	1

Chromatogram Parameters

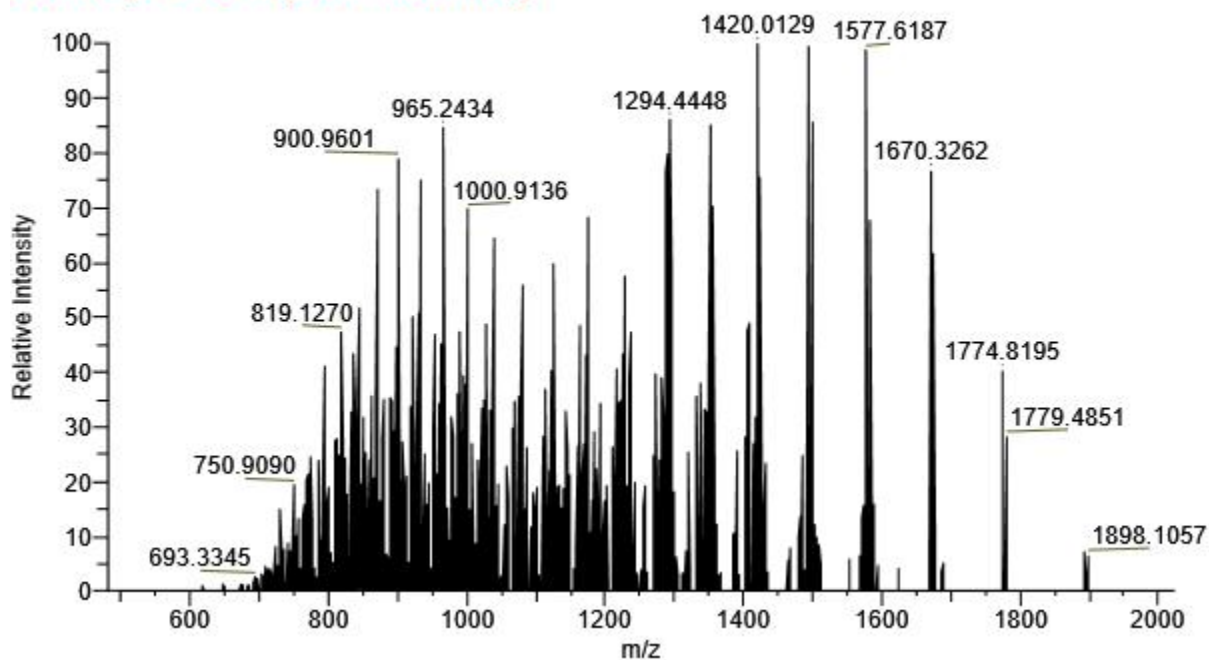
Use Restricted Time	True
Time Limits	8.000 - 16.000 minutes
Scan Range	227 - 617
m/z Range	400 - 2000
Chromatogram Trace Type	TIC
Sensitivity	High
Rel. Intensity Threshold (%)	5

Chromatogram

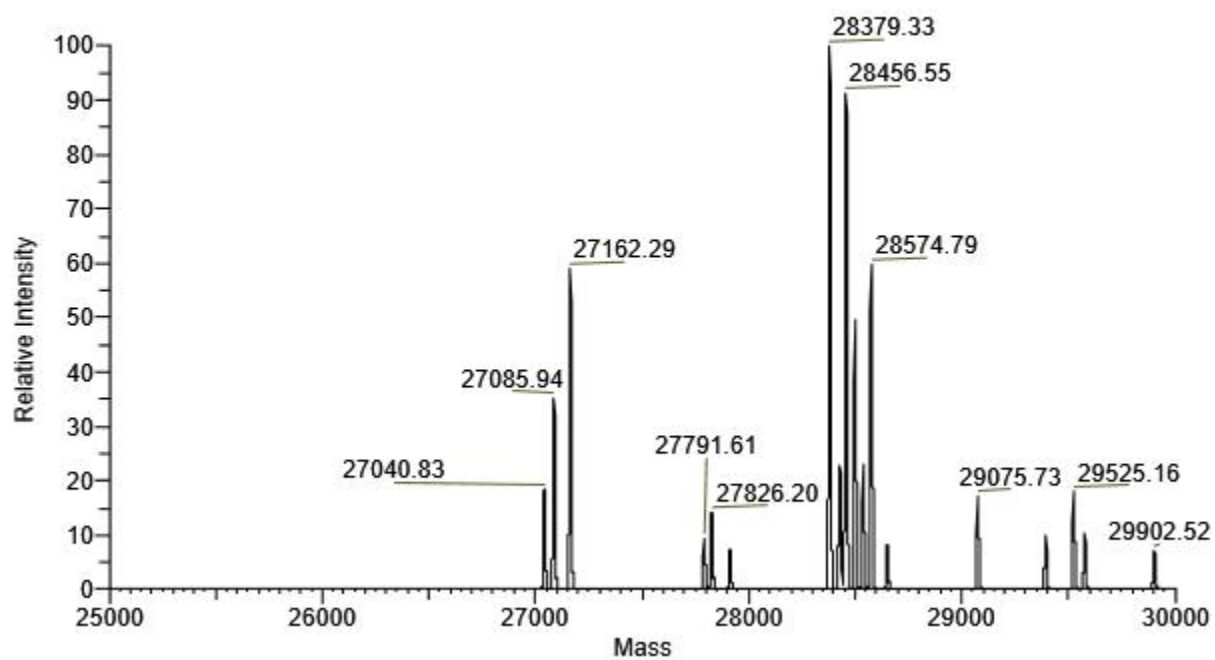


Main Parameters (ReSpect™)	
Deconvolution Results Filter	
Output Mass Range	25000 - 30000
Deconvoluted Spectra Display Mode	Isotopic Profile (new)
Charge State Distribution	
Deconvolution Mass Tolerance	50 ppm
Choice of Peak Model	
Choice of Peak Model	Intact Protein
Resolution at 400 m/z	
Raw File Specific	5303
Generate XIC for Each Component	
Calculate XIC	True
Advanced Parameters (ReSpect™)	
Charge State Distribution	
Model Mass Range	27000 - 30000
Charge State Range	10 - 50
Minimum Adjacent Charges (low & high model mass)	4 - 4
Noise Parameters	
Rel. Abundance Threshold (%)	5
Deconvolution Quality	
Quality Score Threshold	5
Choice of Peak Model	
Target Mass	28000 Da
Peak Model Parameters	
Number of Peak Models	1
Left/Right Peak Shape	2:2
Peak Filter Parameters	
Peak Detection Minimum Significance Measure	1 Standard Deviations
Peak Detection Quality Measure	95%
Specialized Parameters	
Peak Model Width Factor	1
Intensity Threshold Scale	0.01
Deconvolution Parameters	
Noise Compensation	True
Charge Carrier	H
Negative Charge	False
Source Spectra Parameters	
Source Spectra Method	Auto Peak Detection
Sensitivity	High
Rel. Intensity Threshold (%)	5

4713_09 #307-327 RT:10.831-11.179 AV:21
F:FTMS + p NSI Full ms [500.0000-2000.0000]



4713_09



ReSpect Masses Table													
Row Number	Average Mass	Intensity	Relative Abundance	Fractional Abundance	Score	Number of Charge States	Charge State Distribution	Mass Std Dev	PPM Std Dev	Delta Mass	Start Time (min)	Stop Time (min)	Apex RT
1	28379.33	155874000.00	100.00	17.69	53.80	12	15 - 26	0.44	15.39	0.00	10.831	11.179	10.970
2	28456.55	142183344.00	91.22	16.14	84.04	18	15 - 32	0.47	16.57	77.23	10.831	11.179	10.970
3	28574.79	92978040.00	59.65	10.55	97.05	20	21 - 40	2.19	76.72	195.46	10.831	11.179	11.130
4	27162.29	91885608.00	58.95	10.43	98.29	17	18 - 34	1.09	39.99	-1217.04	10.831	11.179	10.920
5	28499.14	77201488.00	49.53	8.76	117.74	22	17 - 38	2.49	87.54	119.81	10.831	11.179	11.130
6	27085.94	54577708.00	35.01	6.19	93.02	17	21 - 37	1.50	55.41	-1293.39	10.831	11.179	10.970
7	28537.94	35732772.00	22.92	4.06	61.78	13	28 - 40	3.85	135.07	158.61	10.831	11.179	10.920
8	28424.97	29180412.00	18.72	3.31	25.43	6	18 - 23	4.29	151.07	45.64	10.831	11.179	11.130
9	27040.83	28595024.00	18.34	3.25	67.47	13	24 - 36	0.88	32.40	-1338.50	10.831	11.179	11.130
10	29525.16	28014608.00	17.97	3.18	37.12	8	31 - 38	4.33	146.52	1145.84	10.831	11.179	10.920
11	29075.73	26571362.00	17.05	3.02	15.71	4	25 - 28	2.66	91.61	696.40	10.831	11.179	10.920
12	27826.20	21834370.00	14.01	2.48	18.97	4	25 - 28	2.56	92.14	-553.13	10.831	11.179	10.870
13	29575.84	15988786.00	10.26	1.81	20.74	5	31 - 35	2.73	92.35	1196.51	10.831	11.179	10.870
14	28431.48	15964419.00	10.24	1.81	20.01	5	33 - 37	5.30	186.26	52.16	10.831	11.179	10.870
15	29393.03	15383258.00	9.87	1.75	21.06	5	32 - 36	3.43	116.59	1013.70	10.831	11.179	10.920
16	27791.61	14386327.00	9.23	1.63	43.50	10	28 - 37	2.63	94.71	-587.72	10.831	11.179	10.920
17	28649.57	12601570.00	8.08	1.43	19.83	5	33 - 37	3.62	126.25	270.25	10.831	11.179	10.920
18	27912.46	11223609.00	7.20	1.27	16.85	4	24 - 27	4.31	154.44	-466.87	10.831	11.179	10.920
19	29902.52	10846852.00	6.96	1.23	22.16	5	37 - 41	3.72	124.24	1523.19	10.831	11.179	10.970