

Instrument :
FID_F
ClientSampleId :
WASTE

rteres

Area Percent Report

Manual Integrations
APPROVED

mohammad
7/27/2021 2:53:51 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF072621\
Data File : FF008875.D
Signal(s) : FID2B.ch
Acq On : 26 Jul 2021 12:35
Sample : M3178-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF072121.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.394	2.360	2.406	BH	943	5930	0.09%	0.002%
2	2.417	2.406	2.444	PH	287	2660	0.04%	0.001%
3	2.447	2.444	2.450	PH	29	33	0.00%	0.000%
4	2.454	2.450	2.459	PH	65	92	0.00%	0.000%
5	2.473	2.459	2.513	PH	95	417	0.01%	0.000%
6	2.533	2.513	2.540	PH	81	-144	-0.00%	-0.000%
7	2.542	2.540	2.560	PH	-3	-353	-0.01%	-0.000%
8	2.565	2.560	2.569	PH	111	-13	-0.00%	-0.000%
9	2.593	2.569	2.624	PH	573	6198	0.09%	0.002%
10	2.629	2.624	2.642	PH	27	207	0.00%	0.000%
11	2.652	2.642	2.670	PH	164	564	0.01%	0.000%
12	2.683	2.670	2.690	PH	97	-100	-0.00%	-0.000%
13	2.699	2.690	2.742	PH	396	1434	0.02%	0.001%
14	2.747	2.742	2.762	PH	-30	-1417	-0.02%	-0.001%
15	2.783	2.762	2.797	PH	-17	-1458	-0.02%	-0.001%
16	2.804	2.797	2.810	PH	-41	-1013	-0.02%	-0.000%
17	2.815	2.810	2.854	PH	-62	-3643	-0.05%	-0.001%
18	2.859	2.854	2.864	PH	-142	-829	-0.01%	-0.000%
19	2.877	2.864	2.915	PH	-16	-4014	-0.06%	-0.002%
20	2.918	2.915	2.936	PH	-179	-2543	-0.04%	-0.001%
21	2.941	2.936	2.949	PH	-154	-1569	-0.02%	-0.001%
22	2.969	2.949	2.994	PH	227	-218	-0.00%	-0.000%
23	3.003	2.994	3.019	PH	-101	-2134	-0.03%	-0.001%
24	3.042	3.019	3.073	PH	40	-2988	-0.04%	-0.001%
25	3.094	3.073	3.105	PH	-55	-2399	-0.04%	-0.001%
26	3.122	3.105	3.135	PH	30	-687	-0.01%	-0.000%
27	3.147	3.135	3.178	PH	147	-1255	-0.02%	-0.000%
28	3.195	3.178	3.211	PH	13	-2054	-0.03%	-0.001%
29	3.225	3.211	3.260	PH	359	-557	-0.01%	-0.000%
30	3.264	3.260	3.289	PH	-154	-3443	-0.05%	-0.001%
31	3.292	3.289	3.297	PH	-218	-1154	-0.02%	-0.000%
32	3.317	3.297	3.420	PH	3115	17447	0.26%	0.007%
33	3.440	3.420	3.475	PH	463	-1930	-0.03%	-0.001%
34	3.511	3.475	3.515	PH	-172	-5835	-0.09%	-0.002%
35	3.522	3.515	3.535	PH	-97	-2205	-0.03%	-0.001%
36	3.542	3.535	3.553	PH	-96	-2271	-0.03%	-0.001%

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37	3.559	3.553	3.575	PH	-207	-3352	-0.05%	-0.001%
38	3.581	3.575	3.585	PH	-169	-1414	-0.02%	-0.001%
39	3.606	3.585	3.620	PH	-124	-4129	-0.06%	-0.002%
40	3.639	3.620	3.664	PH	-136	-5914	-0.09%	-0.002%
41	3.679	3.664	3.700	PH	36	-3050	-0.05%	-0.001%
42	3.716	3.700	3.730	PH	-102	-3263	-0.05%	-0.001%
43	3.745	3.730	3.762	PH	141	-1133	-0.02%	-0.000%
44	3.765	3.762	3.786	PH	-121	-3252	-0.05%	-0.001%
45	3.813	3.786	3.844	PH	48	-6100	-0.09%	-0.002%
46	3.850	3.844	3.864	PH	-179	-2853	-0.04%	-0.001%
47	3.887	3.864	3.901	PH	-168	-5262	-0.08%	-0.002%
48	3.920	3.901	3.936	PH	32	-3524	-0.05%	-0.001%
49	3.940	3.936	3.979	PH	-108	-5669	-0.08%	-0.002%
50	3.984	3.979	3.999	PH	-202	-3202	-0.05%	-0.001%
51	4.019	3.999	4.064	PH	-29	-7875	-0.12%	-0.003%
52	4.094	4.064	4.110	PH	1314	8574	0.13%	0.003%
53	4.127	4.110	4.157	HH	941	9109	0.14%	0.003%
54	4.164	4.157	4.180	PH	-30	-1545	-0.02%	-0.001%
55	4.186	4.180	4.199	PH	-96	-1389	-0.02%	-0.001%
56	4.203	4.199	4.230	PH	-123	-3629	-0.05%	-0.001%
57	4.237	4.230	4.242	PH	-177	-1752	-0.03%	-0.001%
58	4.255	4.242	4.262	PH	-146	-2359	-0.04%	-0.001%
59	4.278	4.262	4.294	PH	212	183	0.00%	0.000%
60	4.304	4.294	4.337	PH	218	-693	-0.01%	-0.000%
61	4.349	4.337	4.357	PH	-92	-1828	-0.03%	-0.001%
62	4.361	4.357	4.367	PH	-40	-642	-0.01%	-0.000%
63	4.381	4.367	4.405	PH	13	-1592	-0.02%	-0.001%
64	4.409	4.405	4.425	PH	8	-572	-0.01%	-0.000%
65	4.431	4.425	4.448	PH	-27	-1857	-0.03%	-0.001%
66	4.456	4.448	4.489	PH	-102	-4327	-0.06%	-0.002%
67	4.507	4.489	4.532	PH	1083	5177	0.08%	0.002%
68	4.535	4.532	4.539	PH	-143	-777	-0.01%	-0.000%
69	4.552	4.539	4.570	PH	165	-1161	-0.02%	-0.000%
70	4.585	4.570	4.599	PH	298	1032	0.02%	0.000%
71	4.613	4.599	4.632	PH	2	-2742	-0.04%	-0.001%
72	4.651	4.632	4.681	PH	5896	45850	0.69%	0.017%
73	4.695	4.681	4.705	PH	-42	-1720	-0.03%	-0.001%
74	4.727	4.705	4.755	PH	72	-2839	-0.04%	-0.001%
75	4.759	4.755	4.770	PH	-210	-2052	-0.03%	-0.001%
76	4.775	4.770	4.780	PH	-199	-1391	-0.02%	-0.001%
77	4.791	4.780	4.819	PH	-103	-5728	-0.09%	-0.002%
78	4.845	4.819	4.876	PH	418	-2289	-0.03%	-0.001%
79	4.889	4.876	4.905	PH	-145	-4332	-0.06%	-0.002%
80	4.925	4.905	4.930	PH	-225	-4401	-0.07%	-0.002%
81	4.932	4.930	4.936	PH	-191	-845	-0.01%	-0.000%
82	4.939	4.936	4.955	PH	-236	-3812	-0.06%	-0.001%
83	4.963	4.955	4.982	PH	-262	-4784	-0.07%	-0.002%
84	4.989	4.982	4.995	PH	-292	-2486	-0.04%	-0.001%
85	5.008	4.995	5.025	PH	79	-2882	-0.04%	-0.001%
86	5.077	5.025	5.086	PH	-152	-10500	-0.16%	-0.004%
87	5.100	5.086	5.114	PH	38	-1982	-0.03%	-0.001%
88	5.119	5.114	5.124	PH	-248	-1877	-0.03%	-0.001%
89	5.150	5.124	5.166	PH	-240	-7873	-0.12%	-0.003%

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					rt	Area	Height	%Area	%Height
90	5.186	5.166	5.192	PH	-210	-4716	-0.07%	-0.002%	
91	5.196	5.192	5.210	PH	-263	-3506	-0.05%	-0.001%	
92	5.213	5.210	5.218	PH	-333	-1669	-0.02%	-0.001%	
93	5.224	5.218	5.233	PH	-274	-2849	-0.04%	-0.001%	
94	5.245	5.233	5.285	PH	-116	-8969	-0.13%	-0.003%	
95	5.289	5.285	5.305	PH	-249	-4323	-0.06%	-0.002%	
96	5.314	5.305	5.327	PH	-310	-5115	-0.08%	-0.002%	
97	5.360	5.327	5.384	PH	1436	4567	0.07%	0.002%	
98	5.391	5.384	5.407	PH	-186	-3808	-0.06%	-0.001%	
99	5.421	5.407	5.448	PH	-128	-6757	-0.10%	-0.003%	
100	5.452	5.448	5.460	PH	-375	-3287	-0.05%	-0.001%	
101	5.466	5.460	5.471	PH	-289	-2612	-0.04%	-0.001%	
102	5.476	5.471	5.499	PH	-389	-6781	-0.10%	-0.003%	
103	5.503	5.499	5.517	PH	-365	-4363	-0.07%	-0.002%	
104	5.538	5.517	5.561	PH	-21	-7305	-0.11%	-0.003%	
105	5.580	5.561	5.617	PH	-133	-10898	-0.16%	-0.004%	
106	5.620	5.617	5.624	PH	-427	-1863	-0.03%	-0.001%	
107	5.652	5.624	5.687	PH	-236	-13646	-0.20%	-0.005%	
108	5.696	5.687	5.705	PH	-313	-4096	-0.06%	-0.002%	
109	5.716	5.705	5.726	PH	-268	-3926	-0.06%	-0.001%	
110	5.734	5.726	5.759	PH	-254	-6598	-0.10%	-0.003%	
111	5.780	5.759	5.796	PH	437	-1118	-0.02%	-0.000%	
112	5.805	5.796	5.831	PH	-270	-6760	-0.10%	-0.003%	
113	5.845	5.831	5.862	PH	-302	-7139	-0.11%	-0.003%	
114	5.881	5.862	5.902	PH	-171	-7618	-0.11%	-0.003%	
115	5.915	5.902	5.941	PH	-289	-8783	-0.13%	-0.003%	
116	5.945	5.941	5.961	PH	-352	-5168	-0.08%	-0.002%	
117	5.998	5.961	6.029	PH	-190	-15040	-0.23%	-0.006%	
118	6.043	6.029	6.059	PH	-177	-5512	-0.08%	-0.002%	
119	6.097	6.059	6.117	PH	355	916	0.01%	0.000%	
120	6.145	6.117	6.211	PH	13149	135633	2.03%	0.051%	
121	6.232	6.211	6.278	PH	2029	20264	0.30%	0.008%	
122	6.306	6.278	6.321	PH	11	-1469	-0.02%	-0.001%	
123	6.336	6.321	6.341	PH	-30	-1347	-0.02%	-0.001%	
124	6.363	6.341	6.401	PH	695	6933	0.10%	0.003%	
125	6.409	6.401	6.444	PH	93	-347	-0.01%	-0.000%	
126	6.450	6.444	6.468	PH	-4	-532	-0.01%	-0.000%	
127	6.485	6.468	6.490	PH	12	-322	-0.00%	-0.000%	
128	6.516	6.490	6.578	PH	632	303	0.00%	0.000%	
129	6.602	6.578	6.613	PH	-190	-5589	-0.08%	-0.002%	
130	6.627	6.613	6.632	PH	-226	-3153	-0.05%	-0.001%	
131	6.636	6.632	6.651	PH	-212	-2967	-0.04%	-0.001%	
132	6.665	6.651	6.692	PH	-13	-5068	-0.08%	-0.002%	
133	6.696	6.692	6.705	PH	-248	-2387	-0.04%	-0.001%	
134	6.740	6.705	6.762	PH	-187	-12031	-0.18%	-0.005%	
135	6.797	6.762	6.821	PH	-272	-13896	-0.21%	-0.005%	
136	6.862	6.821	6.874	PH	-252	-11677	-0.17%	-0.004%	
137	6.878	6.874	6.890	PH	-352	-4241	-0.06%	-0.002%	
138	6.908	6.890	6.922	PH	-375	-7577	-0.11%	-0.003%	
139	6.929	6.922	6.954	PH	-340	-8373	-0.13%	-0.003%	
140	6.982	6.954	7.001	PH	-281	-9767	-0.15%	-0.004%	
141	7.006	7.001	7.014	PH	-195	-1992	-0.03%	-0.001%	

					rt	Area	Height	Area%	Height%
142	7.032	7.014	7.064	PH	-169	-8527	-0.13%	-0.003%	
143	7.072	7.064	7.079	PH	-283	-3001	-0.04%	-0.001%	
144	7.082	7.079	7.099	PH	-264	-4538	-0.07%	-0.002%	
145	7.103	7.099	7.122	PH	-304	-5030	-0.08%	-0.002%	
146	7.151	7.122	7.162	PH	467	-583	-0.01%	-0.000%	
147	7.173	7.162	7.201	PH	106	-2983	-0.04%	-0.001%	
148	7.219	7.201	7.238	PH	71	-3258	-0.05%	-0.001%	
149	7.243	7.238	7.254	PH	-304	-3545	-0.05%	-0.001%	
150	7.283	7.254	7.301	PH	219	-3488	-0.05%	-0.001%	
151	7.312	7.301	7.351	PH	163	-5753	-0.09%	-0.002%	
152	7.357	7.351	7.368	PH	-382	-4304	-0.06%	-0.002%	
153	7.383	7.368	7.414	PH	-375	-12201	-0.18%	-0.005%	
154	7.438	7.414	7.476	PH	795	-2106	-0.03%	-0.001%	
155	7.495	7.476	7.524	PH	-296	-10537	-0.16%	-0.004%	
156	7.532	7.524	7.545	PH	-334	-4842	-0.07%	-0.002%	
157	7.563	7.545	7.596	PH	-122	-7870	-0.12%	-0.003%	
158	7.601	7.596	7.604	PH	-234	-1454	-0.02%	-0.001%	
159	7.617	7.604	7.635	PH	-208	-5357	-0.08%	-0.002%	
160	7.675	7.635	7.690	PH	-166	-9799	-0.15%	-0.004%	
161	7.697	7.690	7.709	PH	-241	-3307	-0.05%	-0.001%	
162	7.729	7.709	7.755	PH	399	-1338	-0.02%	-0.001%	
163	7.763	7.755	7.773	PH	-91	-2139	-0.03%	-0.001%	
164	7.797	7.773	7.823	PH	8	-5429	-0.08%	-0.002%	
165	7.841	7.823	7.845	PH	-22	-1828	-0.03%	-0.001%	
166	7.851	7.845	7.857	PH	68	-13	-0.00%	-0.000%	
167	7.894	7.857	7.912	PH	1119	12236	0.18%	0.005%	
168	7.917	7.912	7.939	PH	159	-410	-0.01%	-0.000%	
169	7.956	7.939	7.985	PH	92	-3754	-0.06%	-0.001%	
170	8.004	7.985	8.022	PH	397	3718	0.06%	0.001%	
171	8.055	8.022	8.099	HH	727	11916	0.18%	0.005%	
172	8.129	8.099	8.155	PH	1373	16304	0.24%	0.006%	
173	8.164	8.155	8.169	HH	226	1611	0.02%	0.001%	
174	8.203	8.169	8.230	HH	852	15276	0.23%	0.006%	
175	8.245	8.230	8.256	HH	1302	13785	0.21%	0.005%	
176	8.273	8.256	8.287	HH	2107	27443	0.41%	0.010%	
177	8.307	8.287	8.345	HH	5696	106632	1.60%	0.040%	
178	8.353	8.345	8.365	HH	599	6402	0.10%	0.002%	
179	8.386	8.365	8.408	HH	1021	19770	0.30%	0.008%	
180	8.432	8.408	8.464	HH	2776	48211	0.72%	0.018%	
181	8.478	8.464	8.490	HH	815	10537	0.16%	0.004%	
182	8.500	8.490	8.512	HH	760	8119	0.12%	0.003%	
183	8.536	8.512	8.571	HH	1050	22645	0.34%	0.009%	
184	8.588	8.571	8.627	HH	537	12155	0.18%	0.005%	
185	8.674	8.627	8.700	HH	1180	33550	0.50%	0.013%	
186	8.723	8.700	8.739	HH	1954	29918	0.45%	0.011%	
187	8.756	8.739	8.764	HH	2002	24021	0.36%	0.009%	
188	8.774	8.764	8.819	HH	2285	53427	0.80%	0.020%	
189	8.842	8.819	8.860	HH	3942	58097	0.87%	0.022%	
190	8.867	8.860	8.882	HH	1679	20099	0.30%	0.008%	
191	8.893	8.882	8.904	HH	1427	16629	0.25%	0.006%	
192	8.923	8.904	8.942	HH	1715	32204	0.48%	0.012%	
193	8.960	8.942	8.982	HH	1868	35823	0.54%	0.014%	
194	8.995	8.982	9.005	HH	1711	22290	0.33%	0.008%	

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195	9.027	9.005	9.051	HH	4943	81135	1.21%	0.031%	
196	9.056	9.051	9.072	HH	1961	21387	0.32%	0.008%	
197	9.080	9.072	9.090	HH	1447	15603	0.23%	0.006%	
198	9.128	9.090	9.150	HH	6854	109099	1.63%	0.041%	
199	9.168	9.150	9.197	HH	2617	56811	0.85%	0.022%	
200	9.212	9.197	9.244	HH	1668	41957	0.63%	0.016%	
201	9.285	9.244	9.300	HH	2159	53104	0.79%	0.020%	
202	9.317	9.300	9.347	HH	1891	45331	0.68%	0.017%	
203	9.370	9.347	9.395	HH	1948	47608	0.71%	0.018%	
204	9.422	9.395	9.436	HH	2633	50121	0.75%	0.019%	
205	9.447	9.436	9.455	HH	2147	23498	0.35%	0.009%	
206	9.462	9.455	9.482	HH	2060	30574	0.46%	0.012%	
207	9.506	9.482	9.558	HH	3540	117502	1.76%	0.045%	
208	9.585	9.558	9.610	HH	3556	84121	1.26%	0.032%	
209	9.627	9.610	9.643	HH	3008	53095	0.79%	0.020%	
210	9.657	9.643	9.673	HH	2913	47504	0.71%	0.018%	
211	9.685	9.673	9.704	HH	3043	47973	0.72%	0.018%	
212	9.743	9.704	9.761	HH	2935	84886	1.27%	0.032%	
213	9.783	9.761	9.805	HH	3410	70223	1.05%	0.027%	
214	9.839	9.805	9.855	HH	3518	91791	1.37%	0.035%	
215	9.861	9.855	9.884	HH	3245	52491	0.79%	0.020%	
216	9.904	9.884	9.958	HH	10310	207670	3.11%	0.079%	
217	9.962	9.958	9.975	HH	2936	30139	0.45%	0.011%	
218	10.016	9.975	10.055	HH	3430	133640	2.00%	0.051%	
219	10.083	10.055	10.125	HH	3152	114356	1.71%	0.043%	
220	10.132	10.125	10.155	HH	2633	45457	0.68%	0.017%	
221	10.181	10.155	10.204	HH	2893	75272	1.13%	0.029%	
222	10.247	10.204	10.262	HH	4327	111181	1.66%	0.042%	
223	10.293	10.262	10.318	HH	8433	177920	2.66%	0.068%	
224	10.351	10.318	10.366	HH	4735	125745	1.88%	0.048%	
225	10.383	10.366	10.410	HH	5348	113978	1.71%	0.043%	
226	10.430	10.410	10.470	HH	5456	155049	2.32%	0.059%	
227	10.501	10.470	10.513	HH	4329	100877	1.51%	0.038%	
228	10.559	10.513	10.583	HH	5899	208165	3.12%	0.079%	
229	10.594	10.583	10.612	HH	5456	86511	1.29%	0.033%	
230	10.640	10.612	10.660	HH	15488	249979	3.74%	0.095%	
231	10.670	10.660	10.687	HH	5358	80657	1.21%	0.031%	
232	10.712	10.687	10.736	HH	14738	274767	4.11%	0.104%	
233	10.746	10.736	10.796	HH	6223	189754	2.84%	0.072%	
234	10.805	10.796	10.823	HH	4853	75245	1.13%	0.029%	
235	10.867	10.823	10.883	HH	5961	180566	2.70%	0.069%	
236	10.906	10.883	10.944	HH	30520	494972	7.41%	0.188%	
237	10.982	10.944	11.004	HH	10480	261280	3.91%	0.099%	
238	11.013	11.004	11.022	HH	6493	67642	1.01%	0.026%	
239	11.033	11.022	11.050	HH	6821	106320	1.59%	0.040%	
240	11.057	11.050	11.077	HH	5809	91203	1.36%	0.035%	
241	11.095	11.077	11.114	HH	6458	124941	1.87%	0.047%	
242	11.122	11.114	11.134	HH	5515	63440	0.95%	0.024%	
243	11.148	11.134	11.164	HH	6246	105746	1.58%	0.040%	
244	11.197	11.164	11.234	HH	8754	280904	4.20%	0.107%	
245	11.254	11.234	11.264	HH	6041	104128	1.56%	0.040%	
246	11.310	11.264	11.319	HH	7254	215965	3.23%	0.082%	

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247	11.341	11.319	11.384	HH	16309	357909	5.36%	0.136%
248	11.392	11.384	11.397	HH	6443	49172	0.74%	0.019%
249	11.433	11.397	11.481	HH	15442	441032	6.60%	0.167%
250	11.502	11.481	11.519	HH	7445	155117	2.32%	0.059%
251	11.537	11.519	11.572	HH	8359	231953	3.47%	0.088%
252	11.591	11.572	11.621	HH	9135	237198	3.55%	0.090%
253	11.643	11.621	11.654	HH	7777	148613	2.22%	0.056%
254	11.666	11.654	11.684	HH	7965	136075	2.04%	0.052%
255	11.708	11.684	11.721	HH	12110	209012	3.13%	0.079%
256	11.739	11.721	11.788	HH	14771	400014	5.99%	0.152%
257	11.824	11.788	11.841	HH	14554	338533	5.07%	0.129%
258	11.857	11.841	11.872	HH	12788	202304	3.03%	0.077%
259	11.887	11.872	11.916	HH	12429	264609	3.96%	0.100%
260	11.928	11.916	11.945	HH	7697	132889	1.99%	0.050%
261	12.009	11.945	12.040	HH	18121	605049	9.05%	0.230%
262	12.063	12.040	12.092	HH	17335	376602	5.64%	0.143%
263	12.105	12.092	12.123	HH	10649	186324	2.79%	0.071%
264	12.140	12.123	12.149	HH	11636	167840	2.51%	0.064%
265	12.166	12.149	12.172	HH	16584	194180	2.91%	0.074%
266	12.183	12.172	12.218	HH	17028	356210	5.33%	0.135%
267	12.255	12.218	12.304	HH	30317	731935	10.95%	0.278%
268	12.322	12.304	12.335	HH	10274	188327	2.82%	0.071%
269	12.352	12.335	12.364	HH	10034	163562	2.45%	0.062%
270	12.385	12.364	12.406	HH	10258	250892	3.75%	0.095%
271	12.423	12.406	12.435	HH	11351	186777	2.80%	0.071%
272	12.447	12.435	12.460	HH	10918	153803	2.30%	0.058%
273	12.474	12.460	12.479	HH	11012	123546	1.85%	0.047%
274	12.494	12.479	12.504	HH	12022	166550	2.49%	0.063%
275	12.514	12.504	12.532	HH	11938	189927	2.84%	0.072%
276	12.558	12.532	12.582	HH	16100	382056	5.72%	0.145%
277	12.604	12.582	12.622	HH	15514	311938	4.67%	0.118%
278	12.647	12.622	12.694	HH	23073	645322	9.66%	0.245%
279	12.722	12.694	12.757	HH	112318	1524768	22.82%	0.579%
280	12.770	12.757	12.802	HH	11870	300392	4.50%	0.114%
281	12.849	12.802	12.861	HH	12510	404148	6.05%	0.153%
282	12.878	12.861	12.894	HH	13900	251733	3.77%	0.096%
283	12.909	12.894	12.922	HH	14943	236678	3.54%	0.090%
284	12.927	12.922	12.952	HH	13995	231127	3.46%	0.088%
285	12.957	12.952	12.977	HH	12050	182489	2.73%	0.069%
286	13.021	12.977	13.055	HH	97968	1642109	24.57%	0.623%
287	13.075	13.055	13.092	HH	20566	387501	5.80%	0.147%
288	13.107	13.092	13.132	HH	19847	382450	5.72%	0.145%
289	13.151	13.132	13.175	HH	13097	332764	4.98%	0.126%
290	13.208	13.175	13.229	HH	29170	608167	9.10%	0.231%
291	13.258	13.229	13.275	HH	23417	500408	7.49%	0.190%
292	13.286	13.275	13.303	HH	17981	277794	4.16%	0.105%
293	13.321	13.303	13.340	HH	21082	394787	5.91%	0.150%
294	13.350	13.340	13.372	HH	14704	274370	4.11%	0.104%
295	13.387	13.372	13.399	HH	14211	223791	3.35%	0.085%
296	13.419	13.399	13.430	HH	15503	271054	4.06%	0.103%
297	13.447	13.430	13.457	HH	15570	245554	3.67%	0.093%
298	13.480	13.457	13.512	HH	21790	573448	8.58%	0.218%
299	13.522	13.512	13.546	HH	14294	281133	4.21%	0.107%

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300	13.607	13.546	13.637	HH	27351	978252	14.64%	0.371%
301	13.642	13.637	13.649	HH	15013	102502	1.53%	0.039%
302	13.676	13.649	13.691	HH	16573	393662	5.89%	0.149%
303	13.715	13.691	13.735	HH	20534	473673	7.09%	0.180%
304	13.755	13.735	13.777	HH	24308	482958	7.23%	0.183%
305	13.795	13.777	13.817	HH	22509	458060	6.86%	0.174%
306	13.844	13.817	13.867	HH	25299	617902	9.25%	0.235%
307	13.885	13.867	13.908	HH	23891	505726	7.57%	0.192%
308	13.926	13.908	13.955	HH	23034	546500	8.18%	0.207%
309	13.962	13.955	13.967	HH	16268	113114	1.69%	0.043%
310	14.004	13.967	14.025	HH	20199	630830	9.44%	0.239%
311	14.041	14.025	14.043	HH	17460	184441	2.76%	0.070%
312	14.084	14.043	14.129	HH	23662	1022102	15.30%	0.388%
313	14.134	14.129	14.157	HH	17981	302419	4.53%	0.115%
314	14.204	14.157	14.210	HH	19130	573671	8.59%	0.218%
315	14.236	14.210	14.264	HH	39939	883013	13.21%	0.335%
316	14.285	14.264	14.295	HH	23708	419131	6.27%	0.159%
317	14.315	14.295	14.327	HH	24292	445286	6.66%	0.169%
318	14.343	14.327	14.384	HH	30984	816478	12.22%	0.310%
319	14.405	14.384	14.428	HH	37489	748043	11.19%	0.284%
320	14.443	14.428	14.451	HH	23768	311058	4.66%	0.118%
321	14.461	14.451	14.489	HH	24252	520433	7.79%	0.198%
322	14.519	14.489	14.545	HH	30553	890593	13.33%	0.338%
323	14.547	14.545	14.561	HH	23721	218375	3.27%	0.083%
324	14.586	14.561	14.625	HH	36059	1025989	15.35%	0.389%
325	14.647	14.625	14.686	HH	33208	935117	13.99%	0.355%
326	14.743	14.686	14.778	HH	258180	4320013	64.65%	1.640%
327	14.790	14.778	14.820	HH	26634	626242	9.37%	0.238%
328	14.842	14.820	14.864	HH	24200	603066	9.03%	0.229%
329	14.897	14.864	14.917	HH	76507	1379307	20.64%	0.524%
330	14.938	14.917	14.968	HH	90944	1567494	23.46%	0.595%
331	14.991	14.968	15.022	HH	31015	871752	13.05%	0.331%
332	15.059	15.022	15.085	HH	34100	1058420	15.84%	0.402%
333	15.091	15.085	15.113	HH	26256	419619	6.28%	0.159%
334	15.139	15.113	15.174	HH	28249	942336	14.10%	0.358%
335	15.200	15.174	15.225	HH	31004	870169	13.02%	0.330%
336	15.240	15.225	15.269	HH	28670	722794	10.82%	0.274%
337	15.277	15.269	15.294	HH	26956	391134	5.85%	0.148%
338	15.325	15.294	15.374	HH	184883	3477330	52.04%	1.320%
339	15.383	15.374	15.409	HH	29702	604511	9.05%	0.229%
340	15.418	15.409	15.440	HH	28288	513344	7.68%	0.195%
341	15.465	15.440	15.505	HH	49604	1403666	21.01%	0.533%
342	15.523	15.505	15.539	HH	33645	622085	9.31%	0.236%
343	15.569	15.539	15.590	HH	43257	1096805	16.41%	0.416%
344	15.608	15.590	15.636	HH	35515	863684	12.93%	0.328%
345	15.653	15.636	15.666	HH	29966	527891	7.90%	0.200%
346	15.714	15.666	15.720	HH	34773	1012377	15.15%	0.384%
347	15.734	15.720	15.770	HH	36280	1014147	15.18%	0.385%
348	15.780	15.770	15.793	HH	31908	421523	6.31%	0.160%
349	15.808	15.793	15.821	HH	33138	527091	7.89%	0.200%
350	15.841	15.821	15.874	HH	38580	1078873	16.15%	0.410%
351	15.892	15.874	15.914	HH	32383	741564	11.10%	0.281%

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352	15.929	15.914	15.945	HH	33375	598488	8.96%	0.227%
353	15.966	15.945	15.986	HH	44296	921484	13.79%	0.350%
354	16.000	15.986	16.009	HH	33125	451787	6.76%	0.171%
355	16.029	16.009	16.052	HH	37327	878069	13.14%	0.333%
356	16.061	16.052	16.097	HH	31382	834822	12.49%	0.317%
357	16.103	16.097	16.111	HH	30673	252821	3.78%	0.096%
358	16.123	16.111	16.140	HH	31454	542858	8.12%	0.206%
359	16.187	16.140	16.227	HH	36807	1803235	26.99%	0.684%
360	16.248	16.227	16.255	HH	34933	558848	8.36%	0.212%
361	16.277	16.255	16.306	HH	37592	1117791	16.73%	0.424%
362	16.337	16.306	16.372	HH	107661	2399774	35.91%	0.911%
363	16.386	16.372	16.407	HH	40411	825535	12.35%	0.313%
364	16.456	16.407	16.476	HH	121526	2782206	41.64%	1.056%
365	16.485	16.476	16.507	HH	64528	970408	14.52%	0.368%
366	16.518	16.507	16.523	HH	38368	356999	5.34%	0.136%
367	16.525	16.523	16.549	HH	38239	576675	8.63%	0.219%
368	16.558	16.549	16.565	HH	35408	351668	5.26%	0.133%
369	16.588	16.565	16.614	HH	48446	1209697	18.10%	0.459%
370	16.625	16.614	16.638	HH	39790	555862	8.32%	0.211%
371	16.649	16.638	16.672	HH	38452	760833	11.39%	0.289%
372	16.684	16.672	16.689	HH	37712	371650	5.56%	0.141%
373	16.708	16.689	16.725	HH	41569	870774	13.03%	0.331%
374	16.780	16.725	16.803	HH	82898	2414404	36.13%	0.916%
375	16.838	16.803	16.872	HH	87363	2269127	33.96%	0.861%
376	16.915	16.872	16.928	HH	53371	1515736	22.68%	0.575%
377	16.940	16.928	16.957	HH	52482	860375	12.88%	0.327%
378	16.967	16.957	16.974	HH	49429	498252	7.46%	0.189%
379	16.993	16.974	17.019	HH	69948	1455895	21.79%	0.553%
380	17.044	17.019	17.057	HH	42843	956265	14.31%	0.363%
381	17.076	17.057	17.089	HH	43068	824266	12.34%	0.313%
382	17.094	17.089	17.099	HH	41816	232247	3.48%	0.088%
383	17.103	17.099	17.111	HH	41834	302379	4.53%	0.115%
384	17.116	17.111	17.120	HH	41699	240320	3.60%	0.091%
385	17.149	17.120	17.164	HH	44109	1134911	16.98%	0.431%
386	17.201	17.164	17.225	HH	45940	1614053	24.15%	0.613%
387	17.279	17.225	17.320	HH	126378	3683995	55.13%	1.398%
388	17.364	17.320	17.403	HH	92672	2876266	43.04%	1.092%
389	17.423	17.403	17.431	HH	45319	739903	11.07%	0.281%
390	17.451	17.431	17.474	HH	48641	1150780	17.22%	0.437%
391	17.500	17.474	17.530	HH	50296	1567089	23.45%	0.595%
392	17.550	17.530	17.577	HH	47700	1249079	18.69%	0.474%
393	17.591	17.577	17.614	HH	43800	959109	14.35%	0.364%
394	17.620	17.614	17.629	HH	43023	387596	5.80%	0.147%
395	17.641	17.629	17.645	HH	44348	401390	6.01%	0.152%
396	17.650	17.645	17.662	HH	44417	450006	6.73%	0.171%
397	17.677	17.662	17.694	HH	43590	833860	12.48%	0.317%
398	17.728	17.694	17.748	HH	50968	1511595	22.62%	0.574%
399	17.774	17.748	17.781	HH	48814	958669	14.35%	0.364%
400	17.800	17.781	17.851	HH	61162	2149923	32.17%	0.816%
401	17.891	17.851	17.920	HH	78122	2324951	34.79%	0.883%
402	17.935	17.920	17.950	HH	48697	869929	13.02%	0.330%
403	17.972	17.950	17.987	HH	54266	1117839	16.73%	0.424%
404	17.998	17.987	18.024	HH	51708	1080512	16.17%	0.410%

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405	18.051	18.024	18.084	HH	51289	1752413	26.23%	0.665%
406	18.117	18.084	18.130	HH	56235	1393491	20.85%	0.529%
407	18.159	18.130	18.187	HH	169430	3582220	53.61%	1.360%
408	18.220	18.187	18.273	HH	109241	3886050	58.16%	1.475%
409	18.298	18.273	18.304	HH	50325	918451	13.74%	0.349%
410	18.338	18.304	18.356	HH	67358	1811131	27.10%	0.687%
411	18.370	18.356	18.428	HH	62318	2228535	33.35%	0.846%
412	18.462	18.428	18.504	HH	79498	2560773	38.32%	0.972%
413	18.519	18.504	18.524	HH	48437	555698	8.32%	0.211%
414	18.528	18.524	18.537	HH	48571	383137	5.73%	0.145%
415	18.542	18.537	18.555	HH	49177	539948	8.08%	0.205%
416	18.586	18.555	18.601	HH	60794	1545358	23.13%	0.587%
417	18.628	18.601	18.667	HH	94269	2709975	40.56%	1.029%
418	18.673	18.667	18.699	HH	50188	936074	14.01%	0.355%
419	18.732	18.699	18.746	HH	102948	2072802	31.02%	0.787%
420	18.760	18.746	18.789	HH	102838	2051694	30.70%	0.779%
421	18.807	18.789	18.831	HH	59000	1388492	20.78%	0.527%
422	18.849	18.831	18.878	HH	54853	1477593	22.11%	0.561%
423	18.903	18.878	18.909	HH	54754	947635	14.18%	0.360%
424	18.916	18.909	18.925	HH	54347	529865	7.93%	0.201%
425	18.933	18.925	18.947	HH	54285	700154	10.48%	0.266%
426	18.998	18.947	19.036	HH	228210	6682097	100.00%	2.536%
427	19.047	19.036	19.079	HH	90554	1933512	28.94%	0.734%
428	19.089	19.079	19.097	HH	56806	604512	9.05%	0.229%
429	19.129	19.097	19.159	HH	72073	2325811	34.81%	0.883%
430	19.180	19.159	19.200	HH	70124	1526474	22.84%	0.579%
431	19.222	19.200	19.245	HH	84362	1855911	27.77%	0.704%
432	19.250	19.245	19.272	HH	59890	964395	14.43%	0.366%
433	19.282	19.272	19.332	HH	58402	2008199	30.05%	0.762%
434	19.336	19.332	19.346	HH	54123	451549	6.76%	0.171%
435	19.374	19.346	19.402	HH	90069	2319062	34.71%	0.880%
436	19.406	19.402	19.431	HH	60664	986834	14.77%	0.375%
437	19.457	19.431	19.466	HH	60460	1193997	17.87%	0.453%
438	19.491	19.466	19.510	HH	126028	2480299	37.12%	0.941%
439	19.520	19.510	19.574	HH	90682	2607687	39.02%	0.990%
440	19.615	19.574	19.632	HH	68814	2134952	31.95%	0.810%
441	19.640	19.632	19.662	HH	64310	1099144	16.45%	0.417%
442	19.688	19.662	19.727	HH	70625	2463190	36.86%	0.935%
443	19.758	19.727	19.806	HH	121560	4078754	61.04%	1.548%
444	19.814	19.806	19.850	HH	66472	1592189	23.83%	0.604%
445	19.868	19.850	19.883	HH	56775	1090498	16.32%	0.414%
446	19.900	19.883	19.915	HH	56705	1074004	16.07%	0.408%
447	19.943	19.915	19.959	HH	62112	1563572	23.40%	0.594%
448	19.986	19.959	20.014	HH	77796	2269145	33.96%	0.861%
449	20.035	20.014	20.072	HH	67252	2193594	32.83%	0.833%
450	20.104	20.072	20.135	HH	83141	2587209	38.72%	0.982%
451	20.146	20.135	20.167	HH	60137	1124817	16.83%	0.427%
452	20.171	20.167	20.223	HH	56368	1860870	27.85%	0.706%
453	20.264	20.223	20.285	HH	61115	2153739	32.23%	0.818%
454	20.322	20.285	20.344	HH	85775	2396839	35.87%	0.910%
455	20.361	20.344	20.432	HH	69246	3224383	48.25%	1.224%
456	20.437	20.432	20.446	HH	54648	452665	6.77%	0.172%

Instrument :
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Manual Integrations
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457	20.498	20.446	20.530	HH	78855	3221423	48.21%	1.223%	
458	20.543	20.530	20.570	HH	58587	1402802	20.99%	0.532%	
459	20.576	20.570	20.596	HH	55424	840074	12.57%	0.319%	
460	20.622	20.596	20.632	HH	55302	1180277	17.66%	0.448%	
461	20.643	20.632	20.674	HH	55857	1366126	20.44%	0.519%	
462	20.679	20.674	20.728	HH	54019	1673556	25.05%	0.635%	
463	20.733	20.728	20.738	HH	51193	330686	4.95%	0.126%	
464	20.742	20.738	20.764	HH	51246	768973	11.51%	0.292%	
465	20.777	20.764	20.789	HH	51087	770108	11.52%	0.292%	
466	20.792	20.789	20.805	HH	50512	472480	7.07%	0.179%	
467	20.829	20.805	20.856	HH	51861	1543610	23.10%	0.586%	
468	20.885	20.856	20.931	HH	53359	2296760	34.37%	0.872%	
469	20.947	20.931	20.965	HH	48600	963755	14.42%	0.366%	
470	20.979	20.965	20.992	HH	48574	799636	11.97%	0.304%	
471	21.007	20.992	21.012	HH	49948	575391	8.61%	0.218%	
472	21.024	21.012	21.035	HH	49886	676220	10.12%	0.257%	
473	21.041	21.035	21.057	HH	49620	644089	9.64%	0.244%	
474	21.065	21.057	21.070	HH	48720	389603	5.83%	0.148%	
475	21.076	21.070	21.087	HH	48108	480903	7.20%	0.183%	
476	21.110	21.087	21.153	HH	48736	1881836	28.16%	0.714%	
477	21.169	21.153	21.175	HH	47971	628840	9.41%	0.239%	
478	21.177	21.175	21.184	HH	47947	238666	3.57%	0.091%	
479	21.187	21.184	21.194	HH	48207	287240	4.30%	0.109%	
480	21.197	21.194	21.201	HH	48162	218576	3.27%	0.083%	
481	21.211	21.201	21.257	HH	48596	1590695	23.81%	0.604%	
482	21.321	21.257	21.349	HH	49850	2607164	39.02%	0.990%	
483	21.397	21.349	21.492	HH	57780	4328258	64.77%	1.643%	
484	21.498	21.492	21.515	HH	43979	610314	9.13%	0.232%	
485	21.523	21.515	21.528	HH	43243	331202	4.96%	0.126%	
486	21.541	21.528	21.546	HH	43386	455687	6.82%	0.173%	
487	21.569	21.546	21.598	HH	45717	1375074	20.58%	0.522%	
488	21.621	21.598	21.673	HH	44176	1952854	29.23%	0.741%	
489	21.712	21.673	21.750	HH	45552	1999989	29.93%	0.759%	
490	21.793	21.750	21.811	HH	45627	1607855	24.06%	0.610%	
491	21.821	21.811	21.873	HH	44868	1592813	23.84%	0.605%	
492	21.889	21.873	21.900	HHA	42225	710539	10.63%	0.270%	
Sum of corrected areas:							263443363		

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