

Instrument :
FID_F
ClientSampleId :
WC-20210924MSD

rteres

Area Percent Report

Manual Integrations
APPROVED

mohammad
9/29/2021 4:00:30 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092821\
Data File : FF009032.D
Signal(s) : FID2B.ch
Acq On : 28 Sep 2021 16:20
Sample : M3951-01MSD
Misc :
ALS Vial : 60 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090721.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.373	2.340	2.437	BH	335836	2359832	5.60%	0.082%
2	2.442	2.437	2.476	PH	14	-2070	-0.00%	-0.000%
3	2.484	2.476	2.503	PH	-84	-1942	-0.00%	-0.000%
4	2.508	2.503	2.519	PH	35	-598	-0.00%	-0.000%
5	2.542	2.519	2.573	PH	1913	17975	0.04%	0.001%
6	2.604	2.573	2.630	PH	1272	9439	0.02%	0.000%
7	2.658	2.630	2.678	PH	622	7888	0.02%	0.000%
8	2.687	2.678	2.701	PH	162	1206	0.00%	0.000%
9	2.706	2.701	2.721	HH	284	1547	0.00%	0.000%
10	2.734	2.721	2.758	PH	257	2988	0.01%	0.000%
11	2.771	2.758	2.785	HH	921	7152	0.02%	0.000%
12	2.800	2.785	2.815	HH	218	3026	0.01%	0.000%
13	2.841	2.815	2.870	HH	421	6216	0.01%	0.000%
14	2.873	2.870	2.882	HH	185	831	0.00%	0.000%
15	2.890	2.882	2.896	HH	160	586	0.00%	0.000%
16	2.899	2.896	2.911	HH	155	744	0.00%	0.000%
17	2.929	2.911	2.963	HH	1802	22140	0.05%	0.001%
18	2.967	2.963	2.972	HH	317	1452	0.00%	0.000%
19	2.997	2.972	3.009	HH	435	6887	0.02%	0.000%
20	3.024	3.009	3.045	HH	474	7207	0.02%	0.000%
21	3.058	3.045	3.073	HH	426	5280	0.01%	0.000%
22	3.090	3.073	3.098	HH	1201	11759	0.03%	0.000%
23	3.109	3.098	3.133	HH	1383	17064	0.04%	0.001%
24	3.156	3.133	3.165	HH	1608	17616	0.04%	0.001%
25	3.180	3.165	3.267	HH	32754	423331	1.00%	0.015%
26	3.279	3.267	3.335	HH	4720	81145	0.19%	0.003%
27	3.345	3.335	3.374	HH	1115	23420	0.06%	0.001%
28	3.379	3.374	3.386	HH	843	5813	0.01%	0.000%
29	3.403	3.386	3.418	HH	2420	26627	0.06%	0.001%
30	3.427	3.418	3.439	HH	923	10513	0.02%	0.000%
31	3.450	3.439	3.483	HH	1007	19266	0.05%	0.001%
32	3.506	3.483	3.529	HH	908	18414	0.04%	0.001%
33	3.533	3.529	3.549	HH	647	6825	0.02%	0.000%
34	3.569	3.549	3.584	HH	661	12062	0.03%	0.000%
35	3.598	3.584	3.620	HH	785	11882	0.03%	0.000%
36	3.624	3.620	3.636	HH	510	4005	0.01%	0.000%

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37	3.641	3.636	3.650	HH	439	3172	0.01%	0.000%	
38	3.686	3.650	3.697	HH	883	16450	0.04%	0.001%	
39	3.708	3.697	3.722	HH	721	8939	0.02%	0.000%	
40	3.733	3.722	3.748	HH	670	8456	0.02%	0.000%	
41	3.775	3.748	3.808	HH	1047	23812	0.06%	0.001%	
42	3.819	3.808	3.828	HH	744	7754	0.02%	0.000%	
43	3.853	3.828	3.865	HH	923	16212	0.04%	0.001%	
44	3.875	3.865	3.892	HH	1068	15337	0.04%	0.001%	
45	3.903	3.892	3.916	HH	1114	14141	0.03%	0.000%	
46	3.921	3.916	3.936	HH	988	9869	0.02%	0.000%	
47	3.950	3.936	3.973	HH	1191	18553	0.04%	0.001%	
48	3.991	3.973	4.025	HH	940	20300	0.05%	0.001%	
49	4.028	4.025	4.047	HH	544	5361	0.01%	0.000%	
50	4.052	4.047	4.058	HH	535	2890	0.01%	0.000%	
51	4.076	4.058	4.093	HH	6124	63784	0.15%	0.002%	
52	4.111	4.093	4.137	HH	3865	55190	0.13%	0.002%	
53	4.153	4.137	4.198	HH	2491	50266	0.12%	0.002%	
54	4.230	4.198	4.258	HH	2445	52299	0.12%	0.002%	
55	4.271	4.258	4.294	HH	1511	26458	0.06%	0.001%	
56	4.323	4.294	4.369	HH	1248	34174	0.08%	0.001%	
57	4.392	4.369	4.417	HH	724	16264	0.04%	0.001%	
58	4.435	4.417	4.442	HH	725	9756	0.02%	0.000%	
59	4.475	4.442	4.511	HH	325418	2891114	6.86%	0.100%	
60	4.521	4.511	4.534	HH	1132	13409	0.03%	0.000%	
61	4.547	4.534	4.563	HH	1145	15833	0.04%	0.001%	
62	4.566	4.563	4.603	HH	995	18845	0.04%	0.001%	
63	4.622	4.603	4.655	HH	5098	60882	0.14%	0.002%	
64	4.679	4.655	4.690	HH	1505	20146	0.05%	0.001%	
65	4.699	4.690	4.717	HH	1229	15670	0.04%	0.001%	
66	4.728	4.717	4.745	HH	1107	15112	0.04%	0.001%	
67	4.760	4.745	4.775	HH	1122	16043	0.04%	0.001%	
68	4.784	4.775	4.798	HH	856	9652	0.02%	0.000%	
69	4.814	4.798	4.840	HH	2162	33127	0.08%	0.001%	
70	4.859	4.840	4.877	HH	1196	20001	0.05%	0.001%	
71	4.889	4.877	4.916	HH	1323	24464	0.06%	0.001%	
72	4.924	4.916	4.937	HH	988	11640	0.03%	0.000%	
73	4.954	4.937	4.977	HH	1163	23981	0.06%	0.001%	
74	5.003	4.977	5.018	HH	1163	25010	0.06%	0.001%	
75	5.043	5.018	5.056	HH	1211	23762	0.06%	0.001%	
76	5.072	5.056	5.087	HH	3247	39081	0.09%	0.001%	
77	5.103	5.087	5.147	HH	3769	76068	0.18%	0.003%	
78	5.169	5.147	5.185	HH	1817	34057	0.08%	0.001%	
79	5.202	5.185	5.209	HH	2175	26253	0.06%	0.001%	
80	5.218	5.209	5.237	HH	2266	31317	0.07%	0.001%	
81	5.247	5.237	5.267	HH	1687	25201	0.06%	0.001%	
82	5.300	5.267	5.312	HH	2182	46350	0.11%	0.002%	
83	5.334	5.312	5.375	HH	7778	158844	0.38%	0.005%	
84	5.389	5.375	5.397	HH	3132	38532	0.09%	0.001%	
85	5.412	5.397	5.427	HH	4451	63416	0.15%	0.002%	
86	5.462	5.427	5.489	HH	3146	100951	0.24%	0.003%	
87	5.511	5.489	5.532	HH	4173	62552	0.15%	0.002%	
88	5.547	5.532	5.551	HH	1959	20875	0.05%	0.001%	
89	5.581	5.551	5.598	HH	3866	72108	0.17%	0.002%	

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					rt	Area	Height	%Area	%Height
90	5.604	5.598	5.613	HH	1758	15379	0.04%	0.001%	
91	5.627	5.613	5.636	HH	1989	24170	0.06%	0.001%	
92	5.646	5.636	5.660	HH	2129	27768	0.07%	0.001%	
93	5.667	5.660	5.681	HH	1929	21657	0.05%	0.001%	
94	5.707	5.681	5.736	HH	4033	92158	0.22%	0.003%	
95	5.749	5.736	5.782	HH	2824	66476	0.16%	0.002%	
96	5.785	5.782	5.790	HH	2087	10538	0.02%	0.000%	
97	5.816	5.790	5.835	HH	2620	60220	0.14%	0.002%	
98	5.855	5.835	5.873	HH	3645	66747	0.16%	0.002%	
99	5.897	5.873	5.903	HH	3062	52085	0.12%	0.002%	
100	5.932	5.903	5.951	HH	4082	101445	0.24%	0.004%	
101	5.964	5.951	5.984	HH	3493	64748	0.15%	0.002%	
102	6.011	5.984	6.020	HH	3720	72562	0.17%	0.003%	
103	6.039	6.020	6.059	HH	7032	129222	0.31%	0.004%	
104	6.071	6.059	6.087	HH	7615	95626	0.23%	0.003%	
105	6.118	6.087	6.151	HH	45010	570518	1.35%	0.020%	
106	6.168	6.151	6.189	HH	8472	151981	0.36%	0.005%	
107	6.216	6.189	6.230	HH	7593	146941	0.35%	0.005%	
108	6.242	6.230	6.248	HH	6364	65288	0.15%	0.002%	
109	6.260	6.248	6.287	HH	7013	140819	0.33%	0.005%	
110	6.310	6.287	6.325	HH	7291	133977	0.32%	0.005%	
111	6.338	6.325	6.356	HH	6449	105021	0.25%	0.004%	
112	6.378	6.356	6.393	HH	6223	126802	0.30%	0.004%	
113	6.424	6.393	6.443	HH	10779	251341	0.60%	0.009%	
114	6.459	6.443	6.468	HH	11702	146098	0.35%	0.005%	
115	6.493	6.468	6.523	HH	309148	3114237	7.39%	0.108%	
116	6.555	6.523	6.578	HH	11416	270513	0.64%	0.009%	
117	6.597	6.578	6.607	HH	13160	176095	0.42%	0.006%	
118	6.613	6.607	6.623	HH	11063	102415	0.24%	0.004%	
119	6.635	6.623	6.647	HH	13221	173588	0.41%	0.006%	
120	6.658	6.647	6.669	HH	13385	164752	0.39%	0.006%	
121	6.694	6.669	6.713	HH	15119	328192	0.78%	0.011%	
122	6.725	6.713	6.735	HH	9467	119185	0.28%	0.004%	
123	6.765	6.735	6.788	HH	17072	389917	0.92%	0.013%	
124	6.832	6.788	6.848	HH	16412	475104	1.13%	0.016%	
125	6.866	6.848	6.882	HH	17158	304661	0.72%	0.011%	
126	6.904	6.882	6.920	HH	20177	392061	0.93%	0.014%	
127	6.933	6.920	6.945	HH	17180	242381	0.57%	0.008%	
128	6.965	6.945	6.982	HH	24953	452062	1.07%	0.016%	
129	6.997	6.982	7.013	HH	24494	396339	0.94%	0.014%	
130	7.027	7.013	7.034	HH	20915	252535	0.60%	0.009%	
131	7.053	7.034	7.083	HH	28089	722291	1.71%	0.025%	
132	7.120	7.083	7.134	HH	25633	678783	1.61%	0.023%	
133	7.156	7.134	7.175	HH	32521	674526	1.60%	0.023%	
134	7.212	7.175	7.244	HH	32440	1145862	2.72%	0.040%	
135	7.255	7.244	7.268	HH	26774	351292	0.83%	0.012%	
136	7.303	7.268	7.318	HH	40920	931727	2.21%	0.032%	
137	7.333	7.318	7.363	HH	35148	838737	1.99%	0.029%	
138	7.394	7.363	7.403	HH	37239	773736	1.84%	0.027%	
139	7.414	7.403	7.426	HH	37175	483356	1.15%	0.017%	
140	7.440	7.426	7.454	HH	41274	634022	1.50%	0.022%	
141	7.468	7.454	7.481	HH	38154	595664	1.41%	0.021%	

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142	7.512	7.481	7.527	HH	45726	1146981	2.72%	0.040%
143	7.554	7.527	7.564	HH	46525	955438	2.27%	0.033%
144	7.579	7.564	7.589	HH	52632	740983	1.76%	0.026%
145	7.603	7.589	7.632	HH	55546	1275029	3.02%	0.044%
146	7.638	7.632	7.665	HH	42670	819267	1.94%	0.028%
147	7.683	7.665	7.694	HH	56894	856993	2.03%	0.030%
148	7.717	7.694	7.748	HH	105403	2323327	5.51%	0.080%
149	7.755	7.748	7.763	HH	51863	438467	1.04%	0.015%
150	7.768	7.763	7.786	HH	52393	712842	1.69%	0.025%
151	7.808	7.786	7.830	HH	63965	1499909	3.56%	0.052%
152	7.858	7.830	7.874	HH	91206	2013819	4.78%	0.070%
153	7.882	7.874	7.890	HH	72842	707317	1.68%	0.024%
154	7.904	7.890	7.925	HH	77635	1464994	3.48%	0.051%
155	7.998	7.925	8.015	HH	94956	4134377	9.81%	0.143%
156	8.035	8.015	8.080	HH	170956	4178667	9.91%	0.144%
157	8.101	8.080	8.122	HH	107295	2307132	5.47%	0.080%
158	8.142	8.122	8.155	HH	104180	1937005	4.59%	0.067%
159	8.179	8.155	8.208	HH	131317	3572032	8.47%	0.123%
160	8.222	8.208	8.236	HH	114568	1787399	4.24%	0.062%
161	8.245	8.236	8.255	HH	106659	1196869	2.84%	0.041%
162	8.289	8.255	8.327	HH	393362	7838516	18.59%	0.271%
163	8.335	8.327	8.350	HH	115139	1530835	3.63%	0.053%
164	8.378	8.350	8.394	HH	135638	3216786	7.63%	0.111%
165	8.402	8.394	8.415	HH	124139	1592808	3.78%	0.055%
166	8.460	8.415	8.497	HH	351483	9073903	21.52%	0.314%
167	8.513	8.497	8.523	HH	139152	2160513	5.12%	0.075%
168	8.559	8.523	8.579	HH	201566	5685915	13.49%	0.197%
169	8.584	8.579	8.608	HH	165071	2603230	6.17%	0.090%
170	8.641	8.608	8.664	HH	176026	5214061	12.37%	0.180%
171	8.690	8.664	8.717	HH	285574	7057224	16.74%	0.244%
172	8.723	8.717	8.736	HH	189151	2021079	4.79%	0.070%
173	8.758	8.736	8.779	HH	483748	8054938	19.11%	0.278%
174	8.796	8.779	8.806	HH	269113	3834755	9.10%	0.133%
175	8.822	8.806	8.846	HH	394752	6749206	16.01%	0.233%
176	8.861	8.846	8.883	HH	209318	4380682	10.39%	0.151%
177	8.909	8.883	8.917	HH	248281	4462471	10.59%	0.154%
178	8.928	8.917	8.941	HH	256061	3487160	8.27%	0.121%
179	8.956	8.941	8.967	HH	256058	3806071	9.03%	0.132%
180	8.977	8.967	9.010	HH	241752	5890385	13.97%	0.204%
181	9.041	9.010	9.072	HH	318511	9655445	22.90%	0.334%
182	9.103	9.072	9.123	HH	242011	7098890	16.84%	0.245%
183	9.136	9.123	9.148	HH	239348	3502079	8.31%	0.121%
184	9.161	9.148	9.173	HH	256460	3695104	8.76%	0.128%
185	9.199	9.173	9.230	HH	292928	9105253	21.60%	0.315%
186	9.275	9.230	9.295	HH	261453	9785350	23.21%	0.338%
187	9.330	9.295	9.343	HH	314529	7899486	18.74%	0.273%
188	9.347	9.343	9.362	HH	305703	3464666	8.22%	0.120%
189	9.373	9.362	9.387	HH	297410	4354889	10.33%	0.151%
190	9.431	9.387	9.457	HH	405256	13951444	33.09%	0.482%
191	9.490	9.457	9.499	HH	415606	8667687	20.56%	0.300%
192	9.517	9.499	9.548	HH	635334	12954181	30.73%	0.448%
193	9.570	9.548	9.579	HH	376130	6470776	15.35%	0.224%
194	9.594	9.579	9.615	HH	400675	8023252	19.03%	0.277%

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195	9.625	9.615	9.639	HH	344885	4800925	11.39%	0.166%
196	9.655	9.639	9.661	HH	351889	4573111	10.85%	0.158%
197	9.677	9.661	9.699	HH	371447	8044336	19.08%	0.278%
198	9.718	9.699	9.729	HH	374116	6432041	15.26%	0.222%
199	9.739	9.729	9.758	HH	364490	6171725	14.64%	0.213%
200	9.803	9.758	9.823	HH	390007	14498391	34.39%	0.501%
201	9.894	9.823	9.932	HH	620566	27969364	66.34%	0.967%
202	9.950	9.932	9.969	HH	423035	9089981	21.56%	0.314%
203	9.991	9.969	10.026	HH	434069	14642327	34.73%	0.506%
204	10.030	10.026	10.042	HH	419346	3946714	9.36%	0.136%
205	10.074	10.042	10.085	HH	475437	11391035	27.02%	0.394%
206	10.092	10.085	10.104	HH	459839	5028656	11.93%	0.174%
207	10.119	10.104	10.132	HH	462670	7791747	18.48%	0.269%
208	10.140	10.132	10.155	HH	464096	6310905	14.97%	0.218%
209	10.174	10.155	10.189	HH	479823	9455358	22.43%	0.327%
210	10.217	10.189	10.231	HH	501198	12022358	28.52%	0.416%
211	10.249	10.231	10.269	HH	501730	11086923	26.30%	0.383%
212	10.293	10.269	10.310	HH	560432	13194876	31.30%	0.456%
213	10.326	10.310	10.331	HH	550489	6553571	15.55%	0.227%
214	10.334	10.331	10.337	HH	549768	2178013	5.17%	0.075%
215	10.378	10.337	10.398	HH	573412	20463368	48.54%	0.707%
216	10.438	10.398	10.463	HH	623562	22152537	52.55%	0.766%
217	10.482	10.463	10.490	HH	576604	9058591	21.49%	0.313%
218	10.495	10.490	10.500	HH	581644	3608390	8.56%	0.125%
219	10.506	10.500	10.513	HH	575566	4140073	9.82%	0.143%
220	10.535	10.513	10.542	HH	611493	10494655	24.89%	0.363%
221	10.566	10.542	10.600	HH	622145	21069458	49.98%	0.728%
222	10.619	10.600	10.626	HH	620722	9155212	21.72%	0.316%
223	10.665	10.626	10.680	HH	685461	21193783	50.27%	0.733%
224	10.701	10.680	10.705	HH	694247	10071335	23.89%	0.348%
225	10.712	10.705	10.733	HH	703005	11550953	27.40%	0.399%
226	10.753	10.733	10.765	HH	696498	13473905	31.96%	0.466%
227	10.779	10.765	10.796	HH	693784	12588081	29.86%	0.435%
228	10.811	10.796	10.821	HH	681044	9961541	23.63%	0.344%
229	10.843	10.821	10.859	HH	724873	15566613	36.92%	0.538%
230	10.905	10.859	10.947	HH	858108	39872492	94.58%	1.378%
231	10.976	10.947	10.989	HH	767029	18568102	44.04%	0.642%
232	11.019	10.989	11.027	HH	764450	16754008	39.74%	0.579%
233	11.033	11.027	11.042	HH	754476	6917658	16.41%	0.239%
234	11.067	11.042	11.085	HH	804343	19570505	46.42%	0.676%
235	11.093	11.085	11.104	HH	753797	8481873	20.12%	0.293%
236	11.127	11.104	11.144	HH	859828	19409951	46.04%	0.671%
237	11.160	11.144	11.167	HH	823881	11198336	26.56%	0.387%
238	11.189	11.167	11.195	HH	858142	14511779	34.42%	0.502%
239	11.205	11.195	11.224	HH	853493	14515366	34.43%	0.502%
240	11.235	11.224	11.264	HH	834798	19289866	45.76%	0.667%
241	11.309	11.264	11.316	HH	863798	26185162	62.11%	0.905%
242	11.343	11.316	11.389	HH	1076913	39204300	92.99%	1.355%
243	11.434	11.389	11.450	HH	910152	31416082	74.52%	1.086%
244	11.460	11.450	11.487	HH	849840	18698877	44.35%	0.646%
245	11.503	11.487	11.520	HH	853647	16582004	39.33%	0.573%
246	11.543	11.520	11.550	HH	847501	15050965	35.70%	0.520%

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247	11.556	11.550	11.561	HH	856632	5447714	12.92%	0.188%
248	11.567	11.561	11.571	HH	850471	5176637	12.28%	0.179%
249	11.585	11.571	11.613	HH	873848	21301965	50.53%	0.736%
250	11.647	11.613	11.693	HH	912067	42158030	100.00%	1.457%
251	11.720	11.693	11.742	HH	944248	26192764	62.13%	0.905%
252	11.758	11.742	11.783	HH	909335	22232367	52.74%	0.768%
253	11.822	11.783	11.842	HH	985857	32632806	77.41%	1.128%
254	11.863	11.842	11.880	HH	997656	22315526	52.93%	0.771%
255	11.899	11.880	11.922	HH	964774	23334768	55.35%	0.807%
256	11.928	11.922	11.951	HH	920582	15628111	37.07%	0.540%
257	11.981	11.951	12.023	HH	999482	40305471	95.61%	1.393%
258	12.030	12.023	12.059	HH	940149	19505819	46.27%	0.674%
259	12.095	12.059	12.117	HH	905280	30066126	71.32%	1.039%
260	12.147	12.117	12.170	HH	913250	28590426	67.82%	0.988%
261	12.177	12.170	12.200	HH	898397	15419692	36.58%	0.533%
262	12.219	12.200	12.225	HH	874417	13269361	31.48%	0.459%
263	12.235	12.225	12.243	HH	888498	9317889	22.10%	0.322%
264	12.268	12.243	12.305	HH	1036246	34803705	82.56%	1.203%
265	12.330	12.305	12.345	HH	941140	21422058	50.81%	0.740%
266	12.354	12.345	12.375	HH	883854	15117362	35.86%	0.523%
267	12.381	12.375	12.386	HH	841576	5575344	13.22%	0.193%
268	12.401	12.386	12.417	HH	887049	16344822	38.77%	0.565%
269	12.428	12.417	12.440	HH	883924	12205733	28.95%	0.422%
270	12.451	12.440	12.475	HH	879147	17408217	41.29%	0.602%
271	12.509	12.475	12.532	HH	869246	28805399	68.33%	0.996%
272	12.537	12.532	12.550	HH	831571	8865789	21.03%	0.306%
273	12.565	12.550	12.585	HH	822476	17150146	40.68%	0.593%
274	12.594	12.585	12.605	HH	817644	9482780	22.49%	0.328%
275	12.622	12.605	12.632	HH	842173	13508261	32.04%	0.467%
276	12.651	12.632	12.676	HH	997611	22947254	54.43%	0.793%
277	12.682	12.676	12.692	HH	775246	7238370	17.17%	0.250%
278	12.735	12.692	12.765	HH	921828	36180156	85.82%	1.251%
279	12.779	12.765	12.838	HH	809242	33492624	79.45%	1.158%
280	12.845	12.838	12.862	HH	739506	10482061	24.86%	0.362%
281	12.891	12.862	12.909	HH	774666	21023759	49.87%	0.727%
282	12.930	12.909	12.948	HH	731224	17050125	40.44%	0.589%
283	12.957	12.948	12.964	HH	709420	6552709	15.54%	0.226%
284	12.975	12.964	12.983	HH	727964	8133978	19.29%	0.281%
285	12.987	12.983	13.000	HH	722282	7589899	18.00%	0.262%
286	13.004	13.000	13.015	HH	713262	6032726	14.31%	0.209%
287	13.035	13.015	13.057	HH	827730	19060970	45.21%	0.659%
288	13.082	13.057	13.103	HH	729803	19605000	46.50%	0.678%
289	13.112	13.103	13.132	HH	707452	11945822	28.34%	0.413%
290	13.137	13.132	13.166	HH	679505	13683033	32.46%	0.473%
291	13.170	13.166	13.174	HH	661818	3257087	7.73%	0.113%
292	13.181	13.174	13.195	HH	675659	8258843	19.59%	0.285%
293	13.216	13.195	13.262	HH	673922	26214443	62.18%	0.906%
294	13.279	13.262	13.300	HH	692067	15250675	36.18%	0.527%
295	13.308	13.300	13.312	HH	659495	4656225	11.04%	0.161%
296	13.332	13.312	13.351	HH	663514	15206074	36.07%	0.526%
297	13.361	13.351	13.384	HH	645187	12468160	29.57%	0.431%
298	13.393	13.384	13.410	HH	620817	9786156	23.21%	0.338%
299	13.416	13.410	13.420	HH	615248	3669250	8.70%	0.127%

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300	13.427	13.420	13.433	HH	616826	4466243	10.59%	0.154%
301	13.446	13.433	13.469	HH	615449	13089903	31.05%	0.452%
302	13.492	13.469	13.514	HH	689724	17280014	40.99%	0.597%
303	13.521	13.514	13.529	HH	591881	5152804	12.22%	0.178%
304	13.536	13.529	13.541	HH	584820	4025723	9.55%	0.139%
305	13.553	13.541	13.558	HH	588458	6075713	14.41%	0.210%
306	13.573	13.558	13.603	HH	594703	15763571	37.39%	0.545%
307	13.618	13.603	13.639	HH	579082	11955402	28.36%	0.413%
308	13.650	13.639	13.694	HH	563104	18163992	43.09%	0.628%
309	13.697	13.694	13.713	HH	546374	6406666	15.20%	0.221%
310	13.727	13.713	13.744	HH	549101	9882475	23.44%	0.342%
311	13.756	13.744	13.763	HH	543270	6243481	14.81%	0.216%
312	13.770	13.763	13.792	HH	536274	8886878	21.08%	0.307%
313	13.801	13.792	13.817	HH	517155	7676080	18.21%	0.265%
314	13.839	13.817	13.884	HH	702994	22493532	53.36%	0.777%
315	13.889	13.884	13.897	HH	499602	3957159	9.39%	0.137%
316	13.903	13.897	13.926	HH	496208	8564419	20.32%	0.296%
317	13.933	13.926	13.952	HH	489152	7264306	17.23%	0.251%
318	13.958	13.952	13.973	HH	470409	5924787	14.05%	0.205%
319	13.981	13.973	14.004	HH	472970	8807146	20.89%	0.304%
320	14.008	14.004	14.040	HH	468082	9822626	23.30%	0.340%
321	14.047	14.040	14.055	HH	455549	3994523	9.48%	0.138%
322	14.078	14.055	14.107	HH	467522	14075054	33.39%	0.486%
323	14.134	14.107	14.160	HH	457320	14255319	33.81%	0.493%
324	14.167	14.160	14.204	HH	431057	10897917	25.85%	0.377%
325	14.208	14.204	14.214	HH	413906	2494858	5.92%	0.086%
326	14.232	14.214	14.258	HH	426919	10935469	25.94%	0.378%
327	14.271	14.258	14.302	HH	409613	10562387	25.05%	0.365%
328	14.330	14.302	14.346	HH	422891	10866575	25.78%	0.376%
329	14.362	14.346	14.388	HH	399013	9726156	23.07%	0.336%
330	14.393	14.388	14.427	HH	374795	8639730	20.49%	0.299%
331	14.445	14.427	14.455	HH	370553	6198342	14.70%	0.214%
332	14.466	14.455	14.494	HH	377437	8448105	20.04%	0.292%
333	14.502	14.494	14.521	HH	365989	5998682	14.23%	0.207%
334	14.539	14.521	14.568	HH	366247	10008284	23.74%	0.346%
335	14.576	14.568	14.583	HH	348539	2888209	6.85%	0.100%
336	14.591	14.583	14.624	HH	351676	8318623	19.73%	0.288%
337	14.637	14.624	14.644	HH	333663	3922576	9.30%	0.136%
338	14.649	14.644	14.656	HH	327453	2398893	5.69%	0.083%
339	14.668	14.656	14.700	HH	339834	8657108	20.53%	0.299%
340	14.733	14.700	14.818	HH	440494	23120794	54.84%	0.799%
341	14.836	14.818	14.875	HH	298662	9954111	23.61%	0.344%
342	14.900	14.875	14.914	HH	337183	7060587	16.75%	0.244%
343	14.937	14.914	14.967	HH	512804	11654647	27.65%	0.403%
344	14.973	14.967	14.999	HH	278771	5290078	12.55%	0.183%
345	15.006	14.999	15.037	HH	268975	6024697	14.29%	0.208%
346	15.062	15.037	15.072	HH	272032	5523671	13.10%	0.191%
347	15.081	15.072	15.118	HH	269773	7098084	16.84%	0.245%
348	15.133	15.118	15.168	HH	249220	7236875	17.17%	0.250%
349	15.172	15.168	15.176	HH	237666	1214727	2.88%	0.042%
350	15.190	15.176	15.204	HH	243007	4069403	9.65%	0.141%
351	15.207	15.204	15.228	HH	239801	3300737	7.83%	0.114%

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352	15.237	15.228	15.245	HH	231637	2367684	5.62%	0.082%
353	15.251	15.245	15.257	HH	229430	1549655	3.68%	0.054%
354	15.268	15.257	15.284	HH	231305	3689313	8.75%	0.128%
355	15.314	15.284	15.364	HH	288878	11409153	27.06%	0.394%
356	15.384	15.364	15.408	HH	218932	5698034	13.52%	0.197%
357	15.414	15.408	15.419	HH	212125	1369002	3.25%	0.047%
358	15.423	15.419	15.435	HH	212124	2074982	4.92%	0.072%
359	15.474	15.435	15.499	HH	237846	8341510	19.79%	0.288%
360	15.508	15.499	15.524	HH	206163	3085772	7.32%	0.107%
361	15.529	15.524	15.532	HH	199887	969130	2.30%	0.033%
362	15.544	15.532	15.554	HH	201934	2657967	6.30%	0.092%
363	15.571	15.554	15.591	HH	201641	4309197	10.22%	0.149%
364	15.610	15.591	15.634	HH	198498	4867495	11.55%	0.168%
365	15.636	15.634	15.670	HH	187274	3963867	9.40%	0.137%
366	15.686	15.670	15.705	HH	189727	3928072	9.32%	0.136%
367	15.724	15.705	15.759	HH	191197	6027673	14.30%	0.208%
368	15.767	15.759	15.781	HH	184560	2448594	5.81%	0.085%
369	15.807	15.781	15.844	HH	185779	6746255	16.00%	0.233%
370	15.847	15.844	15.876	HH	172445	3296570	7.82%	0.114%
371	15.881	15.876	15.887	HH	167192	1093145	2.59%	0.038%
372	15.890	15.887	15.898	HH	166763	1120233	2.66%	0.039%
373	15.952	15.898	15.985	HH	339156	10818893	25.66%	0.374%
374	15.990	15.985	16.030	HH	168909	4424232	10.49%	0.153%
375	16.056	16.030	16.076	HH	169722	4384290	10.40%	0.152%
376	16.120	16.076	16.129	HH	161382	5095523	12.09%	0.176%
377	16.170	16.129	16.204	HH	171902	7308127	17.34%	0.253%
378	16.209	16.204	16.216	HH	153446	1108756	2.63%	0.038%
379	16.240	16.216	16.245	HH	160247	2734847	6.49%	0.095%
380	16.264	16.245	16.282	HH	164844	3554978	8.43%	0.123%
381	16.287	16.282	16.300	HH	155929	1651683	3.92%	0.057%
382	16.325	16.300	16.389	HH	191627	8606057	20.41%	0.297%
383	16.399	16.389	16.404	HH	147549	1366839	3.24%	0.047%
384	16.452	16.404	16.470	HH	203360	6674281	15.83%	0.231%
385	16.480	16.470	16.503	HH	164125	3027993	7.18%	0.105%
386	16.522	16.503	16.537	HH	150586	2963071	7.03%	0.102%
387	16.542	16.537	16.550	HH	142562	1149877	2.73%	0.040%
388	16.582	16.550	16.626	HH	155742	6648254	15.77%	0.230%
389	16.633	16.626	16.644	HH	143416	1546653	3.67%	0.053%
390	16.650	16.644	16.657	HH	142292	1126906	2.67%	0.039%
391	16.662	16.657	16.673	HH	140598	1360846	3.23%	0.047%
392	16.687	16.673	16.719	HH	142794	3840073	9.11%	0.133%
393	16.731	16.719	16.748	HH	140975	2443537	5.80%	0.084%
394	16.773	16.748	16.807	HH	176872	5389122	12.78%	0.186%
395	16.830	16.807	16.864	HH	183549	5190838	12.31%	0.179%
396	16.898	16.864	16.920	HH	310499	6820560	16.18%	0.236%
397	16.937	16.920	16.998	HH	167721	6999646	16.60%	0.242%
398	17.012	16.998	17.027	HH	133218	2277213	5.40%	0.079%
399	17.034	17.027	17.069	HH	134104	3271118	7.76%	0.113%
400	17.111	17.069	17.117	HH	134051	3823826	9.07%	0.132%
401	17.137	17.117	17.146	HH	135079	2311909	5.48%	0.080%
402	17.163	17.146	17.188	HH	142522	3442902	8.17%	0.119%
403	17.193	17.188	17.204	HH	131151	1206779	2.86%	0.042%
404	17.238	17.204	17.244	HH	137957	3197001	7.58%	0.110%

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405	17.257	17.244	17.288	HH	148633	3684007	8.74%	0.127%
406	17.303	17.288	17.320	HH	130047	2454101	5.82%	0.085%
407	17.341	17.320	17.374	HH	150608	4260334	10.11%	0.147%
408	17.400	17.374	17.422	HH	125428	3515804	8.34%	0.122%
409	17.433	17.422	17.457	HH	124075	2585310	6.13%	0.089%
410	17.482	17.457	17.512	HH	137231	4099301	9.72%	0.142%
411	17.536	17.512	17.550	HH	117860	2666316	6.32%	0.092%
412	17.565	17.550	17.593	HH	118118	3018528	7.16%	0.104%
413	17.615	17.593	17.620	HH	116347	1863667	4.42%	0.064%
414	17.628	17.620	17.647	HH	118351	1903614	4.52%	0.066%
415	17.656	17.647	17.680	HH	116561	2291651	5.44%	0.079%
416	17.697	17.680	17.737	HH	120047	3982948	9.45%	0.138%
417	17.780	17.737	17.830	HH	287045	8600873	20.40%	0.297%
418	17.873	17.830	17.895	HH	119436	4510661	10.70%	0.156%
419	17.918	17.895	17.927	HH	115381	2146238	5.09%	0.074%
420	17.952	17.927	17.965	HH	128280	2731810	6.48%	0.094%
421	17.974	17.965	18.015	HH	122702	3578003	8.49%	0.124%
422	18.025	18.015	18.045	HH	111035	1986437	4.71%	0.069%
423	18.051	18.045	18.067	HH	110943	1437507	3.41%	0.050%
424	18.106	18.067	18.112	HH	120239	3022352	7.17%	0.104%
425	18.140	18.112	18.170	HH	148890	4553345	10.80%	0.157%
426	18.200	18.170	18.250	HH	168793	6194056	14.69%	0.214%
427	18.284	18.250	18.293	HH	115171	2859160	6.78%	0.099%
428	18.316	18.293	18.350	HH	132543	4169719	9.89%	0.144%
429	18.360	18.350	18.392	HH	115934	2815111	6.68%	0.097%
430	18.398	18.392	18.422	HH	109760	1965886	4.66%	0.068%
431	18.457	18.422	18.500	HH	147978	5733381	13.60%	0.198%
432	18.503	18.500	18.514	HH	109099	889727	2.11%	0.031%
433	18.534	18.514	18.544	HH	109081	1923478	4.56%	0.066%
434	18.560	18.544	18.565	HH	111423	1432191	3.40%	0.050%
435	18.611	18.565	18.640	HH	287546	7451701	17.68%	0.258%
436	18.647	18.640	18.669	HH	108999	1848388	4.38%	0.064%
437	18.708	18.669	18.720	HH	118072	3425882	8.13%	0.118%
438	18.739	18.720	18.762	HH	122444	3016766	7.16%	0.104%
439	18.785	18.762	18.805	HH	121370	2977172	7.06%	0.103%
440	18.827	18.805	18.852	HH	118873	3198777	7.59%	0.111%
441	18.885	18.852	18.924	HH	118375	4924952	11.68%	0.170%
442	18.971	18.924	19.012	HH	144906	6901767	16.37%	0.239%
443	19.018	19.012	19.049	HH	127797	2732169	6.48%	0.094%
444	19.059	19.049	19.090	HH	119691	2863942	6.79%	0.099%
445	19.127	19.090	19.143	HH	118089	3751759	8.90%	0.130%
446	19.160	19.143	19.182	HH	120033	2708014	6.42%	0.094%
447	19.189	19.182	19.195	HH	114319	918389	2.18%	0.032%
448	19.206	19.195	19.235	HH	115183	2695019	6.39%	0.093%
449	19.244	19.235	19.250	HH	114083	1043626	2.48%	0.036%
450	19.262	19.250	19.297	HH	116294	3199995	7.59%	0.111%
451	19.320	19.297	19.338	HH	115032	2787673	6.61%	0.096%
452	19.347	19.338	19.352	HH	113336	971144	2.30%	0.034%
453	19.392	19.352	19.428	HH	281893	7475845	17.73%	0.258%
454	19.443	19.428	19.448	HH	119236	1411064	3.35%	0.049%
455	19.483	19.448	19.488	HH	122253	2922245	6.93%	0.101%
456	19.506	19.488	19.529	HH	125355	2992026	7.10%	0.103%

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rteres								
457	19.540	19.529	19.560	HH	122043	2276132	5.40%	0.079%
458	19.604	19.560	19.646	HH	131670	6430431	15.25%	0.222%
459	19.673	19.646	19.704	HH	133558	4425178	10.50%	0.153%
460	19.735	19.704	19.743	HH	136258	3001645	7.12%	0.104%
461	19.766	19.743	19.810	HH	161530	5703569	13.53%	0.197%
462	19.817	19.810	19.854	HH	129161	3316340	7.87%	0.115%
463	19.866	19.854	19.873	HH	126582	1498397	3.55%	0.052%
464	19.893	19.873	19.911	HH	129934	2884376	6.84%	0.100%
465	19.915	19.911	19.920	HH	128384	734643	1.74%	0.025%
466	19.945	19.920	19.956	HH	130709	2719605	6.45%	0.094%
467	19.983	19.956	20.015	HH	143010	4885519	11.59%	0.169%
468	20.053	20.015	20.077	HH	135814	4956883	11.76%	0.171%
469	20.084	20.077	20.093	HH	136331	1267715	3.01%	0.044%
470	20.128	20.093	20.168	HH	294785	8260097	19.59%	0.285%
471	20.179	20.168	20.183	HH	135877	1252216	2.97%	0.043%
472	20.194	20.183	20.202	HH	136389	1563200	3.71%	0.054%
473	20.214	20.202	20.220	HH	136577	1469800	3.49%	0.051%
474	20.227	20.220	20.237	HH	137566	1366237	3.24%	0.047%
475	20.254	20.237	20.275	HH	138540	3131871	7.43%	0.108%
476	20.300	20.275	20.331	HH	143072	4679887	11.10%	0.162%
477	20.351	20.331	20.359	HH	137138	2227494	5.28%	0.077%
478	20.394	20.359	20.404	HH	139097	3711595	8.80%	0.128%
479	20.409	20.404	20.419	HH	138679	1244528	2.95%	0.043%
480	20.425	20.419	20.431	HH	139673	1016777	2.41%	0.035%
481	20.458	20.431	20.462	HH	141934	2597475	6.16%	0.090%
482	20.481	20.462	20.505	HH	146525	3746419	8.89%	0.129%
483	20.512	20.505	20.539	HH	141547	2840292	6.74%	0.098%
484	20.545	20.539	20.582	HH	138702	3537026	8.39%	0.122%
485	20.587	20.582	20.598	HH	133830	1267748	3.01%	0.044%
486	20.605	20.598	20.613	HH	133982	1211248	2.87%	0.042%
487	20.623	20.613	20.633	HH	134087	1536566	3.64%	0.053%
488	20.638	20.633	20.664	HH	133887	2480260	5.88%	0.086%
489	20.691	20.664	20.707	HH	135002	3495546	8.29%	0.121%
490	20.711	20.707	20.717	HH	134203	777147	1.84%	0.027%
491	20.756	20.717	20.764	HH	136421	3858819	9.15%	0.133%
492	20.775	20.764	20.781	HH	136247	1402488	3.33%	0.048%
493	20.809	20.781	20.835	HH	154295	4655300	11.04%	0.161%
494	20.869	20.835	20.919	HH	249390	8602887	20.41%	0.297%
495	20.935	20.919	20.947	HH	128255	2108668	5.00%	0.073%
496	20.966	20.947	20.971	HH	128469	1845068	4.38%	0.064%
497	20.994	20.971	21.009	HH	130997	2973099	7.05%	0.103%
498	21.014	21.009	21.029	HH	130556	1556715	3.69%	0.054%
499	21.031	21.029	21.046	HH	130187	1325773	3.14%	0.046%
500	21.050	21.046	21.097	HH	128530	3888268	9.22%	0.134%
501	21.103	21.097	21.149	HH	125056	3785597	8.98%	0.131%
502	21.161	21.149	21.165	HH	121111	1214711	2.88%	0.042%
503	21.185	21.165	21.202	HH	122020	2629501	6.24%	0.091%
504	21.209	21.202	21.216	HH	121004	1053335	2.50%	0.036%
505	21.222	21.216	21.231	HH	120594	1104305	2.62%	0.038%
506	21.238	21.231	21.260	HH	121010	2093812	4.97%	0.072%
507	21.302	21.260	21.334	HH	125346	5385750	12.78%	0.186%
508	21.370	21.334	21.382	HH	125141	3571747	8.47%	0.123%
509	21.400	21.382	21.428	HH	126075	3421134	8.12%	0.118%

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	Area	Height	Width	Area%	Height%	Width%	Area%	Height%	Width%
510	21.432	21.428	21.492	HH	122032	4627643	10.98%	0.160%	
511	21.495	21.492	21.527	HH	118499	2442508	5.79%	0.084%	
512	21.537	21.527	21.552	HH	114931	1680450	3.99%	0.058%	
513	21.559	21.552	21.590	HH	114069	2642618	6.27%	0.091%	
514	21.597	21.590	21.604	HH	113341	905039	2.15%	0.031%	
515	21.616	21.604	21.644	HH	114620	2766194	6.56%	0.096%	
516	21.674	21.644	21.683	HH	116152	2653264	6.29%	0.092%	
517	21.715	21.683	21.740	HH	118157	4025505	9.55%	0.139%	
518	21.791	21.740	21.838	HH	199836	8607493	20.42%	0.298%	
Sum of corrected areas: 2893224884									

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