

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101121\
 Data File : FG008837.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2021 15:07
 Sample : M4150-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100721.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.021	1.998	2.060	BH	2854	66837	0.19%	0.004%
2	2.075	2.060	2.089	HH	2092	29790	0.09%	0.002%
3	2.107	2.089	2.116	HH	2672	33138	0.09%	0.002%
4	2.123	2.116	2.135	HH	2143	19700	0.06%	0.001%
5	2.146	2.135	2.164	HH	1735	25824	0.07%	0.001%
6	2.179	2.164	2.192	HH	2601	30471	0.09%	0.002%
7	2.199	2.192	2.209	HH	1875	18149	0.05%	0.001%
8	2.224	2.209	2.238	HH	3533	46134	0.13%	0.003%
9	2.245	2.238	2.257	HH	2596	24889	0.07%	0.001%
10	2.265	2.257	2.270	HH	2408	17812	0.05%	0.001%
11	2.278	2.270	2.299	HH	2697	33016	0.09%	0.002%
12	2.304	2.299	2.310	HH	1196	7238	0.02%	0.000%
13	2.316	2.310	2.324	HH	1164	9263	0.03%	0.001%
14	2.342	2.324	2.365	HH	2244	35823	0.10%	0.002%
15	2.370	2.365	2.393	HH	1095	17401	0.05%	0.001%
16	2.412	2.393	2.443	HH	1173	29246	0.08%	0.002%
17	2.456	2.443	2.460	HH	981	9181	0.03%	0.001%
18	2.471	2.460	2.485	HH	1326	16884	0.05%	0.001%
19	2.490	2.485	2.500	HH	1037	8769	0.03%	0.000%
20	2.512	2.500	2.550	HH	3514	53138	0.15%	0.003%
21	2.572	2.550	2.599	HH	2098	44346	0.13%	0.002%
22	2.617	2.599	2.627	HH	3108	34847	0.10%	0.002%
23	2.634	2.627	2.655	HH	2472	28463	0.08%	0.002%
24	2.670	2.655	2.683	HH	2716	30323	0.09%	0.002%
25	2.710	2.683	2.748	HH	1639	52313	0.15%	0.003%
26	2.753	2.748	2.780	HH	1107	18462	0.05%	0.001%
27	2.802	2.780	2.868	HH	4054	83830	0.24%	0.005%
28	2.891	2.868	2.924	HH	8954	138246	0.39%	0.008%
29	2.938	2.924	2.946	HH	1599	18776	0.05%	0.001%
30	2.958	2.946	2.978	HH	2712	36458	0.10%	0.002%
31	2.987	2.978	3.013	HH	1727	32187	0.09%	0.002%
32	3.021	3.013	3.039	HH	1633	21874	0.06%	0.001%
33	3.075	3.039	3.103	HH	5553	108926	0.31%	0.006%
34	3.119	3.103	3.140	HH	9171	103022	0.29%	0.006%
35	3.152	3.140	3.170	HH	2288	33163	0.09%	0.002%
36	3.186	3.170	3.202	HH	2096	35383	0.10%	0.002%

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37	3.212	3.202	3.233	HH	1852	26386	0.08%	0.001%
38	3.257	3.233	3.285	HH	2214	49205	0.14%	0.003%
39	3.296	3.285	3.328	HH	1758	39127	0.11%	0.002%
40	3.367	3.328	3.380	HH	3050	58416	0.17%	0.003%
41	3.387	3.380	3.406	HH	1973	24870	0.07%	0.001%
42	3.411	3.406	3.453	HH	1365	29533	0.08%	0.002%
43	3.470	3.453	3.480	HH	1755	22981	0.07%	0.001%
44	3.494	3.480	3.508	HH	2225	27810	0.08%	0.002%
45	3.519	3.508	3.537	HH	1905	26312	0.08%	0.001%
46	3.564	3.537	3.598	HH	2430	56405	0.16%	0.003%
47	3.608	3.598	3.614	HH	1195	11121	0.03%	0.001%
48	3.638	3.614	3.668	HH	3008	58868	0.17%	0.003%
49	3.698	3.668	3.711	HH	1674	38993	0.11%	0.002%
50	3.744	3.711	3.768	HH	3261	69750	0.20%	0.004%
51	3.782	3.768	3.798	HH	1852	27865	0.08%	0.002%
52	3.816	3.798	3.831	HH	4083	48740	0.14%	0.003%
53	3.837	3.831	3.853	HH	1691	20182	0.06%	0.001%
54	3.868	3.853	3.899	HH	2953	56952	0.16%	0.003%
55	3.914	3.899	3.929	HH	2647	34437	0.10%	0.002%
56	3.953	3.929	3.987	HH	4243	74220	0.21%	0.004%
57	3.990	3.987	4.008	HH	1252	13845	0.04%	0.001%
58	4.048	4.008	4.059	HH	3526	66543	0.19%	0.004%
59	4.067	4.059	4.078	HH	3269	35524	0.10%	0.002%
60	4.082	4.078	4.098	HH	3127	32346	0.09%	0.002%
61	4.102	4.098	4.116	HH	2595	24688	0.07%	0.001%
62	4.137	4.116	4.168	HH	2574	58309	0.17%	0.003%
63	4.208	4.168	4.273	HH	7929	254482	0.73%	0.014%
64	4.284	4.273	4.338	HH	2553	76278	0.22%	0.004%
65	4.357	4.338	4.382	HH	1936	44768	0.13%	0.003%
66	4.398	4.382	4.420	HH	2242	41431	0.12%	0.002%
67	4.443	4.420	4.470	HH	4942	79205	0.23%	0.004%
68	4.488	4.470	4.503	HH	4090	51831	0.15%	0.003%
69	4.516	4.503	4.530	HH	2307	32410	0.09%	0.002%
70	4.550	4.530	4.576	HH	2375	56623	0.16%	0.003%
71	4.593	4.576	4.612	HH	5587	72804	0.21%	0.004%
72	4.619	4.612	4.630	HH	1941	19565	0.06%	0.001%
73	4.664	4.630	4.683	HH	4238	90228	0.26%	0.005%
74	4.698	4.683	4.717	HH	4917	64483	0.18%	0.004%
75	4.728	4.717	4.767	HH	2836	58089	0.17%	0.003%
76	4.795	4.767	4.815	HH	2735	65227	0.19%	0.004%
77	4.826	4.815	4.841	HH	2902	37761	0.11%	0.002%
78	4.858	4.841	4.886	HH	2419	55833	0.16%	0.003%
79	4.901	4.886	4.905	HH	2107	21951	0.06%	0.001%
80	4.920	4.905	4.938	HH	2835	42566	0.12%	0.002%
81	4.943	4.938	4.955	HH	1730	16870	0.05%	0.001%
82	4.977	4.955	4.995	HH	1969	38939	0.11%	0.002%
83	5.023	4.995	5.027	HH	1848	32855	0.09%	0.002%
84	5.043	5.027	5.065	HH	2451	44028	0.13%	0.002%
85	5.087	5.065	5.110	HH	2867	58387	0.17%	0.003%
86	5.124	5.110	5.135	HH	2750	35274	0.10%	0.002%
87	5.138	5.135	5.154	HH	2331	23218	0.07%	0.001%
88	5.166	5.154	5.178	HH	2567	30507	0.09%	0.002%
89	5.190	5.178	5.209	HH	2672	42609	0.12%	0.002%

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90	5.219	5.209	5.238	HH	2526	35670	0.10%	0.002%
91	5.254	5.238	5.266	HH	2414	33160	0.09%	0.002%
92	5.278	5.266	5.291	HH	2194	31413	0.09%	0.002%
93	5.307	5.291	5.330	HH	3484	61413	0.18%	0.003%
94	5.336	5.330	5.342	HH	2249	14891	0.04%	0.001%
95	5.369	5.342	5.393	HH	2856	71759	0.21%	0.004%
96	5.437	5.393	5.467	HH	13137	205701	0.59%	0.012%
97	5.485	5.467	5.501	HH	6733	93201	0.27%	0.005%
98	5.514	5.501	5.530	HH	3827	55824	0.16%	0.003%
99	5.542	5.530	5.588	HH	4007	88116	0.25%	0.005%
100	5.597	5.588	5.604	HH	1956	18669	0.05%	0.001%
101	5.609	5.604	5.642	HH	1883	37895	0.11%	0.002%
102	5.646	5.642	5.653	HH	1546	10408	0.03%	0.001%
103	5.674	5.653	5.707	HH	2541	63856	0.18%	0.004%
104	5.725	5.707	5.738	HH	3151	48900	0.14%	0.003%
105	5.761	5.738	5.777	HH	3805	80692	0.23%	0.005%
106	5.788	5.777	5.802	HH	3685	47090	0.13%	0.003%
107	5.814	5.802	5.847	HH	3645	74022	0.21%	0.004%
108	5.859	5.847	5.873	HH	2336	32046	0.09%	0.002%
109	5.890	5.873	5.926	HH	2661	71269	0.20%	0.004%
110	5.939	5.926	5.970	HH	2755	61761	0.18%	0.003%
111	6.002	5.970	6.016	HH	3045	71187	0.20%	0.004%
112	6.041	6.016	6.074	HH	36999	433022	1.24%	0.024%
113	6.094	6.074	6.161	HH	81117	1004966	2.87%	0.056%
114	6.184	6.161	6.207	HH	4853	109917	0.31%	0.006%
115	6.218	6.207	6.239	HH	3088	56621	0.16%	0.003%
116	6.254	6.239	6.268	HH	3084	50436	0.14%	0.003%
117	6.295	6.268	6.300	HH	3155	56774	0.16%	0.003%
118	6.314	6.300	6.341	HH	3772	78527	0.22%	0.004%
119	6.354	6.341	6.372	HH	3041	52168	0.15%	0.003%
120	6.400	6.372	6.408	HH	3793	72309	0.21%	0.004%
121	6.428	6.408	6.450	HH	9739	153643	0.44%	0.009%
122	6.472	6.450	6.499	HH	9580	191948	0.55%	0.011%
123	6.511	6.499	6.571	HH	5826	152234	0.43%	0.009%
124	6.587	6.571	6.598	HH	2911	42901	0.12%	0.002%
125	6.618	6.598	6.638	HH	6937	109101	0.31%	0.006%
126	6.657	6.638	6.711	HH	3511	119835	0.34%	0.007%
127	6.722	6.711	6.727	HH	2410	21563	0.06%	0.001%
128	6.752	6.727	6.771	HH	2902	68266	0.20%	0.004%
129	6.795	6.771	6.804	HH	4100	67323	0.19%	0.004%
130	6.809	6.804	6.843	HH	3873	73800	0.21%	0.004%
131	6.877	6.843	6.893	HH	3981	99006	0.28%	0.006%
132	6.904	6.893	6.921	HH	3024	47187	0.13%	0.003%
133	6.944	6.921	6.957	HH	4073	71612	0.20%	0.004%
134	6.970	6.957	6.987	HH	4055	69822	0.20%	0.004%
135	7.000	6.987	7.016	HH	3863	63102	0.18%	0.004%
136	7.035	7.016	7.059	HH	5884	112173	0.32%	0.006%
137	7.074	7.059	7.082	HH	4749	57644	0.16%	0.003%
138	7.101	7.082	7.153	HH	18248	321167	0.92%	0.018%
139	7.174	7.153	7.216	HH	11534	214835	0.61%	0.012%
140	7.236	7.216	7.261	HH	15856	220153	0.63%	0.012%
141	7.273	7.261	7.296	HH	4425	85950	0.25%	0.005%

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142	7.301	7.296	7.312	HH	3731	34007	0.10%	0.002%
143	7.326	7.312	7.343	HH	4298	67513	0.19%	0.004%
144	7.354	7.343	7.370	HH	3633	56654	0.16%	0.003%
145	7.396	7.370	7.430	HH	11070	206208	0.59%	0.012%
146	7.464	7.430	7.480	HH	4328	111889	0.32%	0.006%
147	7.486	7.480	7.504	HH	3772	48986	0.14%	0.003%
148	7.525	7.504	7.545	HH	3657	82413	0.24%	0.005%
149	7.578	7.545	7.600	HH	4950	135068	0.39%	0.008%
150	7.615	7.600	7.647	HH	4845	108824	0.31%	0.006%
151	7.661	7.647	7.669	HH	3311	43139	0.12%	0.002%
152	7.691	7.669	7.719	HH	5011	119761	0.34%	0.007%
153	7.738	7.719	7.754	HH	4313	77971	0.22%	0.004%
154	7.763	7.754	7.778	HH	3547	50121	0.14%	0.003%
155	7.829	7.778	7.845	HH	7467	213496	0.61%	0.012%
156	7.850	7.845	7.868	HH	6580	82051	0.23%	0.005%
157	7.879	7.868	7.905	HH	5625	105323	0.30%	0.006%
158	7.919	7.905	7.944	HH	4384	96251	0.27%	0.005%
159	7.967	7.944	7.976	HH	6967	108182	0.31%	0.006%
160	7.987	7.976	8.002	HH	7067	106411	0.30%	0.006%
161	8.008	8.002	8.046	HH	6955	152797	0.44%	0.009%
162	8.054	8.046	8.063	HH	4641	45125	0.13%	0.003%
163	8.091	8.063	8.136	HH	13538	341163	0.97%	0.019%
164	8.158	8.136	8.185	HH	6113	161650	0.46%	0.009%
165	8.203	8.185	8.218	HH	16074	222514	0.64%	0.012%
166	8.230	8.218	8.248	HH	14270	199877	0.57%	0.011%
167	8.268	8.248	8.302	HH	16028	313798	0.90%	0.018%
168	8.316	8.302	8.335	HH	6111	114032	0.33%	0.006%
169	8.387	8.335	8.420	HH	29935	610739	1.74%	0.034%
170	8.436	8.420	8.464	HH	8479	180065	0.51%	0.010%
171	8.478	8.464	8.508	HH	7327	157901	0.45%	0.009%
172	8.520	8.508	8.537	HH	5577	92784	0.27%	0.005%
173	8.547	8.537	8.581	HH	5122	123620	0.35%	0.007%
174	8.637	8.581	8.656	HH	7379	261656	0.75%	0.015%
175	8.683	8.656	8.709	HH	27443	416846	1.19%	0.023%
176	8.732	8.709	8.757	HH	11456	260920	0.75%	0.015%
177	8.774	8.757	8.784	HH	8375	127395	0.36%	0.007%
178	8.808	8.784	8.835	HH	18420	349587	1.00%	0.020%
179	8.860	8.835	8.878	HH	7417	172316	0.49%	0.010%
180	8.891	8.878	8.902	HH	6514	92199	0.26%	0.005%
181	8.923	8.902	8.940	HH	11547	202763	0.58%	0.011%
182	8.958	8.940	8.982	HH	16527	280591	0.80%	0.016%
183	9.002	8.982	9.037	HH	8574	260679	0.74%	0.015%
184	9.045	9.037	9.060	HH	7774	102832	0.29%	0.006%
185	9.067	9.060	9.072	HH	7101	52321	0.15%	0.003%
186	9.094	9.072	9.118	HH	19971	325522	0.93%	0.018%
187	9.135	9.118	9.176	HH	10329	267909	0.77%	0.015%
188	9.192	9.176	9.221	HH	7027	170703	0.49%	0.010%
189	9.250	9.221	9.268	HH	10878	223559	0.64%	0.013%
190	9.283	9.268	9.303	HH	9647	162398	0.46%	0.009%
191	9.309	9.303	9.313	HH	6368	38229	0.11%	0.002%
192	9.335	9.313	9.351	HH	8745	166802	0.48%	0.009%
193	9.387	9.351	9.411	HH	12296	316010	0.90%	0.018%
194	9.428	9.411	9.448	HH	10856	194541	0.56%	0.011%

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195	9.471	9.448	9.524	HH	17111	481300	1.38%	0.027%
196	9.550	9.524	9.580	HH	16956	359828	1.03%	0.020%
197	9.593	9.580	9.602	HH	9942	119934	0.34%	0.007%
198	9.621	9.602	9.641	HH	14581	279324	0.80%	0.016%
199	9.652	9.641	9.662	HH	10282	127658	0.36%	0.007%
200	9.679	9.662	9.707	HH	12168	272920	0.78%	0.015%
201	9.735	9.707	9.772	HH	11202	369378	1.06%	0.021%
202	9.793	9.772	9.835	HH	14556	409369	1.17%	0.023%
203	9.842	9.835	9.857	HH	9564	120046	0.34%	0.007%
204	9.877	9.857	9.911	HH	21386	480185	1.37%	0.027%
205	9.920	9.911	9.941	HH	12116	193823	0.55%	0.011%
206	9.957	9.941	9.969	HH	10353	158408	0.45%	0.009%
207	9.982	9.969	10.024	HH	10120	277852	0.79%	0.016%
208	10.057	10.024	10.083	HH	8682	285568	0.82%	0.016%
209	10.090	10.083	10.103	HH	7824	91030	0.26%	0.005%
210	10.111	10.103	10.127	HH	7312	101337	0.29%	0.006%
211	10.158	10.127	10.167	HH	8642	187214	0.53%	0.010%
212	10.184	10.167	10.200	HH	10696	186435	0.53%	0.010%
213	10.217	10.200	10.241	HH	10902	228530	0.65%	0.013%
214	10.266	10.241	10.293	HH	17209	371577	1.06%	0.021%
215	10.326	10.293	10.339	HH	13244	305268	0.87%	0.017%
216	10.355	10.339	10.381	HH	14517	297064	0.85%	0.017%
217	10.399	10.381	10.435	HH	13258	354161	1.01%	0.020%
218	10.474	10.435	10.512	HH	14488	558252	1.59%	0.031%
219	10.534	10.512	10.583	HH	22804	651498	1.86%	0.036%
220	10.616	10.583	10.632	HH	25147	513568	1.47%	0.029%
221	10.643	10.632	10.659	HH	19045	261779	0.75%	0.015%
222	10.689	10.659	10.721	HH	42014	889614	2.54%	0.050%
223	10.755	10.721	10.764	HH	13575	325206	0.93%	0.018%
224	10.775	10.764	10.793	HH	14687	226174	0.65%	0.013%
225	10.809	10.793	10.827	HH	12175	233471	0.67%	0.013%
226	10.847	10.827	10.857	HH	13845	228247	0.65%	0.013%
227	10.880	10.857	10.930	HH	148668	2129737	6.08%	0.119%
228	10.956	10.930	10.977	HH	56852	869460	2.48%	0.049%
229	10.990	10.977	11.054	HH	20106	714301	2.04%	0.040%
230	11.072	11.054	11.083	HH	14021	229421	0.66%	0.013%
231	11.094	11.083	11.111	HH	14012	225260	0.64%	0.013%
232	11.133	11.111	11.154	HH	17518	386078	1.10%	0.022%
233	11.174	11.154	11.214	HH	35469	758514	2.17%	0.042%
234	11.250	11.214	11.263	HH	15468	419104	1.20%	0.023%
235	11.280	11.263	11.296	HH	16790	307995	0.88%	0.017%
236	11.321	11.296	11.357	HH	26608	691007	1.97%	0.039%
237	11.376	11.357	11.388	HH	18012	321485	0.92%	0.018%
238	11.410	11.388	11.447	HH	27459	706351	2.02%	0.040%
239	11.479	11.447	11.500	HH	19624	520985	1.49%	0.029%
240	11.534	11.500	11.554	HH	18965	537712	1.54%	0.030%
241	11.576	11.554	11.596	HH	19327	439784	1.26%	0.025%
242	11.613	11.596	11.624	HH	17442	286162	0.82%	0.016%
243	11.639	11.624	11.655	HH	18415	310705	0.89%	0.017%
244	11.685	11.655	11.700	HH	35109	662998	1.89%	0.037%
245	11.716	11.700	11.752	HH	45233	870445	2.49%	0.049%
246	11.755	11.752	11.762	HH	17806	104809	0.30%	0.006%

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247	11.800	11.762	11.818	HH	40543	968404	2.77%	0.054%
248	11.834	11.818	11.848	HH	37089	540354	1.54%	0.030%
249	11.864	11.848	11.897	HH	40363	816055	2.33%	0.046%
250	11.950	11.897	11.971	HH	21795	889906	2.54%	0.050%
251	11.995	11.971	12.031	HH	31554	887337	2.54%	0.050%
252	12.051	12.031	12.071	HH	31256	615515	1.76%	0.034%
253	12.086	12.071	12.133	HH	22838	793312	2.27%	0.044%
254	12.155	12.133	12.179	HH	30825	675587	1.93%	0.038%
255	12.190	12.179	12.200	HH	22492	273355	0.78%	0.015%
256	12.219	12.200	12.229	HH	25094	402317	1.15%	0.023%
257	12.247	12.229	12.285	HH	49280	1033182	2.95%	0.058%
258	12.302	12.285	12.320	HH	25485	491005	1.40%	0.027%
259	12.338	12.320	12.342	HH	23050	297337	0.85%	0.017%
260	12.365	12.342	12.381	HH	26758	575491	1.64%	0.032%
261	12.408	12.381	12.423	HH	28367	672559	1.92%	0.038%
262	12.430	12.423	12.460	HH	27415	551518	1.58%	0.031%
263	12.478	12.460	12.490	HH	30785	500609	1.43%	0.028%
264	12.497	12.490	12.521	HH	29413	486249	1.39%	0.027%
265	12.548	12.521	12.572	HH	40210	985044	2.81%	0.055%
266	12.590	12.572	12.608	HH	47584	816383	2.33%	0.046%
267	12.634	12.608	12.681	HH	48259	1623340	4.64%	0.091%
268	12.709	12.681	12.750	HH	337051	4596027	13.13%	0.257%
269	12.774	12.750	12.792	HH	31347	730527	2.09%	0.041%
270	12.806	12.792	12.821	HH	28655	477972	1.37%	0.027%
271	12.845	12.821	12.875	HH	43122	1146662	3.28%	0.064%
272	12.893	12.875	12.912	HH	43781	843156	2.41%	0.047%
273	12.924	12.912	12.938	HH	37069	552569	1.58%	0.031%
274	12.947	12.938	12.981	HH	37339	873306	2.49%	0.049%
275	13.010	12.981	13.041	HH	329933	4437843	12.68%	0.248%
276	13.064	13.041	13.080	HH	81472	1332196	3.81%	0.075%
277	13.097	13.080	13.148	HH	64738	1881930	5.38%	0.105%
278	13.152	13.148	13.160	HH	35565	271670	0.78%	0.015%
279	13.182	13.160	13.194	HH	46731	818162	2.34%	0.046%
280	13.215	13.194	13.237	HH	67751	1291499	3.69%	0.072%
281	13.252	13.237	13.262	HH	46749	636586	1.82%	0.036%
282	13.277	13.262	13.314	HH	54040	1363752	3.90%	0.076%
283	13.340	13.314	13.378	HH	45607	1560224	4.46%	0.087%
284	13.410	13.378	13.447	HH	54074	1833461	5.24%	0.103%
285	13.471	13.447	13.522	HH	62813	2078965	5.94%	0.116%
286	13.525	13.522	13.543	HH	37320	474297	1.36%	0.027%
287	13.600	13.543	13.653	HH	99140	3676438	10.50%	0.206%
288	13.665	13.653	13.686	HH	46867	857508	2.45%	0.048%
289	13.708	13.686	13.730	HH	78454	1579083	4.51%	0.088%
290	13.748	13.730	13.768	HH	78733	1380452	3.94%	0.077%
291	13.784	13.768	13.816	HH	55173	1469524	4.20%	0.082%
292	13.841	13.816	13.861	HH	70099	1602896	4.58%	0.090%
293	13.878	13.861	13.901	HH	85201	1659247	4.74%	0.093%
294	13.920	13.901	13.965	HH	78158	2142779	6.12%	0.120%
295	13.997	13.965	14.018	HH	53757	1603593	4.58%	0.090%
296	14.045	14.018	14.061	HH	51860	1273449	3.64%	0.071%
297	14.072	14.061	14.096	HH	51642	1040362	2.97%	0.058%
298	14.121	14.096	14.128	HH	54496	1007868	2.88%	0.056%
299	14.133	14.128	14.153	HH	54392	790153	2.26%	0.044%

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300	14.173	14.153	14.222	HH	61264	2186048	6.25%	0.122%
301	14.249	14.222	14.263	HH	52973	1278658	3.65%	0.072%
302	14.273	14.263	14.278	HH	54407	471348	1.35%	0.026%
303	14.310	14.278	14.325	HH	71115	1766970	5.05%	0.099%
304	14.346	14.325	14.376	HH	93851	2174730	6.21%	0.122%
305	14.407	14.376	14.425	HH	75905	1914571	5.47%	0.107%
306	14.444	14.425	14.493	HH	72785	2679547	7.66%	0.150%
307	14.520	14.493	14.540	HH	109903	2361787	6.75%	0.132%
308	14.548	14.540	14.560	HH	80998	925533	2.64%	0.052%
309	14.583	14.560	14.607	HH	140820	2852795	8.15%	0.160%
310	14.628	14.607	14.639	HH	91851	1612055	4.61%	0.090%
311	14.653	14.639	14.684	HH	101565	2232141	6.38%	0.125%
312	14.708	14.684	14.717	HH	76162	1399238	4.00%	0.078%
313	14.745	14.717	14.821	HH	193711	6331216	18.09%	0.354%
314	14.855	14.821	14.873	HH	106653	2649135	7.57%	0.148%
315	14.903	14.873	14.922	HH	447258	6735658	19.24%	0.377%
316	14.945	14.922	14.973	HH	428988	6523315	18.64%	0.365%
317	14.993	14.973	15.022	HH	84194	2291974	6.55%	0.128%
318	15.065	15.022	15.114	HH	170985	5904945	16.87%	0.330%
319	15.148	15.114	15.178	HH	119753	3701607	10.58%	0.207%
320	15.207	15.178	15.228	HH	144071	3141560	8.98%	0.176%
321	15.246	15.228	15.270	HH	114518	2637135	7.53%	0.148%
322	15.293	15.270	15.313	HH	106876	2554906	7.30%	0.143%
323	15.334	15.313	15.426	HH	128233	7055608	20.16%	0.395%
324	15.470	15.426	15.504	HH	111952	4742757	13.55%	0.265%
325	15.529	15.504	15.543	HH	116375	2506440	7.16%	0.140%
326	15.576	15.543	15.597	HH	205820	4696781	13.42%	0.263%
327	15.615	15.597	15.646	HH	155216	3709506	10.60%	0.208%
328	15.663	15.646	15.683	HH	130104	2686956	7.68%	0.150%
329	15.688	15.683	15.694	HH	116182	752368	2.15%	0.042%
330	15.737	15.694	15.786	HH	170848	7729346	22.08%	0.432%
331	15.810	15.786	15.834	HH	143245	3709941	10.60%	0.208%
332	15.845	15.834	15.852	HH	121634	1290859	3.69%	0.072%
333	15.856	15.852	15.878	HH	122319	1858623	5.31%	0.104%
334	15.901	15.878	15.927	HH	137198	3701082	10.57%	0.207%
335	15.967	15.927	16.001	HH	157257	6067473	17.33%	0.340%
336	16.006	16.001	16.056	HH	140102	4294891	12.27%	0.240%
337	16.078	16.056	16.097	HH	129912	3102885	8.86%	0.174%
338	16.112	16.097	16.131	HH	134267	2630783	7.52%	0.147%
339	16.135	16.131	16.138	HH	126776	579634	1.66%	0.032%
340	16.174	16.138	16.197	HH	149527	4783106	13.66%	0.268%
341	16.219	16.197	16.239	HH	156776	3653837	10.44%	0.204%
342	16.261	16.239	16.307	HH	174498	6286223	17.96%	0.352%
343	16.332	16.307	16.336	HH	157464	2547179	7.28%	0.143%
344	16.352	16.336	16.361	HH	159056	2365707	6.76%	0.132%
345	16.385	16.361	16.413	HH	191901	5158726	14.74%	0.289%
346	16.429	16.413	16.442	HH	171176	2922491	8.35%	0.164%
347	16.488	16.442	16.503	HH	719775	15542691	44.40%	0.870%
348	16.512	16.503	16.541	HH	499091	6857188	19.59%	0.384%
349	16.548	16.541	16.568	HH	173551	2781356	7.95%	0.156%
350	16.575	16.568	16.579	HH	173998	1149941	3.29%	0.064%
351	16.611	16.579	16.633	HH	347406	7873960	22.49%	0.441%

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352	16.636	16.633	16.656	HH	204305	2711410	7.75%	0.152%
353	16.673	16.656	16.678	HH	194111	2564169	7.33%	0.143%
354	16.683	16.678	16.688	HH	191937	1142391	3.26%	0.064%
355	16.698	16.688	16.703	HH	190197	1606732	4.59%	0.090%
356	16.732	16.703	16.742	HH	214100	4716617	13.47%	0.264%
357	16.764	16.742	16.768	HH	218278	3358618	9.60%	0.188%
358	16.812	16.768	16.838	HH	631460	15082775	43.09%	0.844%
359	16.876	16.838	16.902	HH	814865	16123065	46.06%	0.902%
360	16.929	16.902	16.943	HH	229732	5298145	15.14%	0.296%
361	16.966	16.943	16.991	HH	393646	8493864	24.27%	0.475%
362	17.013	16.991	17.055	HH	249023	8694601	24.84%	0.487%
363	17.078	17.055	17.082	HH	234369	3673253	10.49%	0.206%
364	17.108	17.082	17.145	HH	269087	9249993	26.43%	0.518%
365	17.168	17.145	17.193	HH	246732	6883437	19.67%	0.385%
366	17.232	17.193	17.291	HH	307386	16205262	46.30%	0.907%
367	17.295	17.291	17.300	HH	241796	1266174	3.62%	0.071%
368	17.373	17.300	17.411	HH	317447	18460961	52.74%	1.033%
369	17.455	17.411	17.468	HH	303425	9456635	27.02%	0.529%
370	17.481	17.468	17.500	HH	289544	5367990	15.34%	0.300%
371	17.531	17.500	17.553	HH	325931	9564032	27.32%	0.535%
372	17.557	17.553	17.592	HH	293191	6509793	18.60%	0.364%
373	17.597	17.592	17.605	HH	271267	2056137	5.87%	0.115%
374	17.649	17.605	17.695	HH	287699	14914811	42.61%	0.835%
375	17.733	17.695	17.758	HH	290829	10477766	29.93%	0.586%
376	17.767	17.758	17.777	HH	287745	3313308	9.47%	0.185%
377	17.825	17.777	17.848	HH	365257	13653858	39.01%	0.764%
378	17.863	17.848	17.890	HH	335384	8001488	22.86%	0.448%
379	17.898	17.890	17.903	HH	306021	2412022	6.89%	0.135%
380	17.923	17.903	17.929	HH	317507	4701985	13.43%	0.263%
381	17.973	17.929	17.996	HH	395975	14664080	41.89%	0.821%
382	18.026	17.996	18.058	HH	384396	13614633	38.90%	0.762%
383	18.063	18.058	18.075	HH	352094	3664779	10.47%	0.205%
384	18.081	18.075	18.123	HH	345684	9597946	27.42%	0.537%
385	18.159	18.123	18.184	HH	494035	15040890	42.97%	0.842%
386	18.188	18.184	18.223	HH	402978	8554211	24.44%	0.479%
387	18.269	18.223	18.314	HH	810319	28727412	82.07%	1.607%
388	18.343	18.314	18.363	HH	439062	12200127	34.85%	0.683%
389	18.388	18.363	18.405	HH	534883	11700073	33.43%	0.655%
390	18.423	18.405	18.449	HH	504172	12449342	35.57%	0.697%
391	18.452	18.449	18.477	HH	434256	6939245	19.82%	0.388%
392	18.529	18.477	18.551	HH	868731	24501284	70.00%	1.371%
393	18.557	18.551	18.572	HH	411865	5169938	14.77%	0.289%
394	18.598	18.572	18.616	HH	451743	11275414	32.21%	0.631%
395	18.658	18.616	18.683	HH	634324	20032470	57.23%	1.121%
396	18.703	18.683	18.719	HH	391860	8511734	24.32%	0.476%
397	18.744	18.719	18.748	HH	427359	6999004	20.00%	0.392%
398	18.771	18.748	18.780	HH	453075	8407740	24.02%	0.470%
399	18.783	18.780	18.800	HH	452791	5248615	14.99%	0.294%
400	18.832	18.800	18.864	HH	474378	17090108	48.82%	0.956%
401	18.893	18.864	18.909	HH	452372	11778665	33.65%	0.659%
402	18.951	18.909	18.980	HH	498065	19705227	56.30%	1.103%
403	18.993	18.980	19.006	HH	456054	7007730	20.02%	0.392%
404	19.041	19.006	19.057	HH	489612	14598002	41.70%	0.817%

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405	19.062	19.057	19.069	HH	467166	3239724	9.26%	0.181%
406	19.101	19.069	19.120	HH	503668	14714462	42.04%	0.823%
407	19.125	19.120	19.137	HH	473236	4674405	13.35%	0.262%
408	19.143	19.137	19.158	HH	469401	6018618	17.19%	0.337%
409	19.182	19.158	19.188	HH	491746	8598272	24.56%	0.481%
410	19.207	19.188	19.228	HH	523560	11896516	33.99%	0.666%
411	19.232	19.228	19.241	HH	494809	3804684	10.87%	0.213%
412	19.248	19.241	19.263	HH	491620	6339969	18.11%	0.355%
413	19.266	19.263	19.275	HH	482699	3327628	9.51%	0.186%
414	19.278	19.275	19.287	HH	474478	3537665	10.11%	0.198%
415	19.306	19.287	19.311	HH	484673	6672962	19.06%	0.373%
416	19.317	19.311	19.322	HH	478684	3086705	8.82%	0.173%
417	19.325	19.322	19.333	HH	477407	3130871	8.94%	0.175%
418	19.341	19.333	19.361	HH	499429	8247709	23.56%	0.462%
419	19.377	19.361	19.396	HH	495786	10181125	29.09%	0.570%
420	19.408	19.396	19.423	HH	498282	7990313	22.83%	0.447%
421	19.443	19.423	19.469	HH	531169	14037657	40.10%	0.785%
422	19.473	19.469	19.496	HH	521910	8205728	23.44%	0.459%
423	19.505	19.496	19.514	HH	526333	5656527	16.16%	0.317%
424	19.530	19.514	19.545	HH	527780	9384826	26.81%	0.525%
425	19.582	19.545	19.597	HH	544296	16502272	47.15%	0.923%
426	19.601	19.597	19.606	HH	535349	2987745	8.54%	0.167%
427	19.615	19.606	19.621	HH	532497	4491547	12.83%	0.251%
428	19.628	19.621	19.633	HH	542736	4094903	11.70%	0.229%
429	19.692	19.633	19.728	HH	744796	35003198	100.00%	1.959%
430	19.760	19.728	19.792	HH	773035	25449865	72.71%	1.424%
431	19.828	19.792	19.843	HH	680770	19383844	55.38%	1.085%
432	19.857	19.843	19.877	HH	643307	12625668	36.07%	0.706%
433	19.885	19.877	19.924	HH	623119	16282432	46.52%	0.911%
434	19.935	19.924	19.955	HH	575062	10525409	30.07%	0.589%
435	19.979	19.955	20.010	HH	615410	19659253	56.16%	1.100%
436	20.014	20.010	20.035	HH	583133	8433770	24.09%	0.472%
437	20.086	20.035	20.111	HH	887478	33052349	94.43%	1.849%
438	20.143	20.111	20.170	HH	705722	23305964	66.58%	1.304%
439	20.186	20.170	20.208	HH	713311	15055964	43.01%	0.842%
440	20.225	20.208	20.252	HH	666389	17050127	48.71%	0.954%
441	20.270	20.252	20.296	HH	649434	16380911	46.80%	0.917%
442	20.308	20.296	20.320	HH	647985	9220827	26.34%	0.516%
443	20.347	20.320	20.362	HH	655738	16205404	46.30%	0.907%
444	20.366	20.362	20.382	HH	641572	7736932	22.10%	0.433%
445	20.391	20.382	20.410	HH	639062	10438088	29.82%	0.584%
446	20.419	20.410	20.445	HH	630156	12696048	36.27%	0.710%
447	20.456	20.445	20.463	HH	603312	6538289	18.68%	0.366%
448	20.474	20.463	20.485	HH	601672	7520882	21.49%	0.421%
449	20.502	20.485	20.517	HH	622350	11954479	34.15%	0.669%
450	20.524	20.517	20.527	HH	615976	3620409	10.34%	0.203%
451	20.552	20.527	20.590	HH	674197	24158524	69.02%	1.352%
452	20.606	20.590	20.621	HH	627362	11284619	32.24%	0.631%
453	20.626	20.621	20.642	HH	599473	7518224	21.48%	0.421%
454	20.648	20.642	20.652	HH	586498	3592264	10.26%	0.201%
455	20.656	20.652	20.669	HH	593304	5914137	16.90%	0.331%
456	20.676	20.669	20.706	HH	600074	12550894	35.86%	0.702%

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457	20.751	20.706	20.758	HH	586217	17744638	50.69%	0.993%
458	20.762	20.758	20.775	HH	580944	5862645	16.75%	0.328%
459	20.803	20.775	20.813	HH	590659	12953132	37.01%	0.725%
460	20.818	20.813	20.830	HH	578373	5961016	17.03%	0.334%
461	20.850	20.830	20.863	HH	590018	11159106	31.88%	0.624%
462	20.867	20.863	20.884	HH	568783	7251279	20.72%	0.406%
463	20.893	20.884	20.903	HH	567606	6135813	17.53%	0.343%
464	20.913	20.903	20.923	HH	577237	7078334	20.22%	0.396%
465	20.940	20.923	20.944	HH	584169	7059589	20.17%	0.395%
466	20.950	20.944	20.985	HH	585675	14026007	40.07%	0.785%
467	20.993	20.985	21.016	HH	539797	9741000	27.83%	0.545%
468	21.021	21.016	21.032	HH	537789	5042303	14.41%	0.282%
469	21.041	21.032	21.058	HH	542495	8527945	24.36%	0.477%
470	21.064	21.058	21.077	HH	541003	6074080	17.35%	0.340%
471	21.095	21.077	21.100	HH	542533	7243972	20.70%	0.405%
472	21.105	21.100	21.111	HH	545172	3508318	10.02%	0.196%
473	21.137	21.111	21.183	HH	570610	24001987	68.57%	1.343%
474	21.190	21.183	21.202	HH	532809	5788395	16.54%	0.324%
475	21.209	21.202	21.213	HH	534776	3713834	10.61%	0.208%
476	21.219	21.213	21.254	HH	540378	12733391	36.38%	0.713%
477	21.266	21.254	21.274	HH	513835	6133226	17.52%	0.343%
478	21.288	21.274	21.294	HH	510810	5943102	16.98%	0.333%
479	21.301	21.294	21.311	HH	511068	5097734	14.56%	0.285%
480	21.314	21.311	21.319	HH	505894	2530605	7.23%	0.142%
481	21.347	21.319	21.367	HH	543068	14867355	42.47%	0.832%
482	21.374	21.367	21.380	HH	532550	4099445	11.71%	0.229%
483	21.397	21.380	21.417	HH	543082	11979871	34.23%	0.670%
484	21.421	21.417	21.425	HH	532542	2392594	6.84%	0.134%
485	21.450	21.425	21.475	HH	550225	15847908	45.28%	0.887%
486	21.479	21.475	21.483	HH	520481	2563099	7.32%	0.143%
487	21.501	21.483	21.508	HH	538765	7840171	22.40%	0.439%
488	21.525	21.508	21.530	HH	557850	7238897	20.68%	0.405%
489	21.537	21.530	21.547	HH	563470	5672767	16.21%	0.317%
490	21.565	21.547	21.572	HH	564972	8162713	23.32%	0.457%
491	21.576	21.572	21.607	HH	561593	11134004	31.81%	0.623%
492	21.620	21.607	21.633	HH	513348	8033425	22.95%	0.450%
493	21.639	21.633	21.662	HH	506290	8477484	24.22%	0.474%
494	21.667	21.662	21.677	HH	485172	4092769	11.69%	0.229%
495	21.682	21.677	21.688	HH	482087	3088112	8.82%	0.173%
496	21.695	21.688	21.705	HH	478936	5036098	14.39%	0.282%
497	21.710	21.705	21.720	HH	484707	4380743	12.52%	0.245%
498	21.734	21.720	21.738	HH	486333	5143008	14.69%	0.288%
499	21.746	21.738	21.760	HH	486850	6278362	17.94%	0.351%
500	21.787	21.760	21.815	HH	495041	15855172	45.30%	0.887%
501	21.821	21.815	21.830	HH	470142	4265532	12.19%	0.239%
502	21.879	21.830	21.882	HH	538218	15361983	43.89%	0.860%
503	21.893	21.882	21.941	HH	546315	17752048	50.72%	0.993%
504	21.950	21.941	21.958	HH	483234	4854588	13.87%	0.272%
505	21.976	21.958	22.000	HHA	506243	12527280	35.79%	0.701%

Sum of corrected areas: 1787139025