

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061422\
 Data File : FG009879.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jun 2022 11:13
 Sample : N3304-02 500X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.606	1.598	1.701	BH	7983	445740	18.95%	0.342%
2	1.705	1.701	1.794	HH	7040	368628	15.67%	0.283%
3	1.798	1.794	1.904	HH	6167	381245	16.21%	0.292%
4	1.908	1.904	2.050	HH	5408	436189	18.54%	0.335%
5	2.055	2.050	2.060	HH	4601	27489	1.17%	0.021%
6	2.064	2.060	2.115	HH	4597	145815	6.20%	0.112%
7	2.127	2.115	2.163	HH	4977	130516	5.55%	0.100%
8	2.165	2.163	2.196	HH	4269	81318	3.46%	0.062%
9	2.201	2.196	2.209	HH	3947	31185	1.33%	0.024%
10	2.213	2.209	2.231	HH	3886	49688	2.11%	0.038%
11	2.235	2.231	2.241	HH	3792	22547	0.96%	0.017%
12	2.251	2.241	2.269	HH	3766	63080	2.68%	0.048%
13	2.275	2.269	2.294	HH	3677	54677	2.32%	0.042%
14	2.298	2.294	2.322	HH	3626	58974	2.51%	0.045%
15	2.326	2.322	2.386	HH	3568	132709	5.64%	0.102%
16	2.389	2.386	2.418	HH	3386	63292	2.69%	0.049%
17	2.427	2.418	2.435	HH	3331	35293	1.50%	0.027%
18	2.452	2.435	2.505	HH	3379	134084	5.70%	0.103%
19	2.513	2.505	2.518	HH	3168	25831	1.10%	0.020%
20	2.532	2.518	2.543	HH	3141	45892	1.95%	0.035%
21	2.548	2.543	2.556	HH	3084	24451	1.04%	0.019%
22	2.565	2.556	2.606	HH	3070	90729	3.86%	0.070%
23	2.614	2.606	2.629	HH	3007	40582	1.73%	0.031%
24	2.633	2.629	2.638	HH	2960	14630	0.62%	0.011%
25	2.642	2.638	2.653	HH	2957	27780	1.18%	0.021%
26	2.658	2.653	2.667	HH	2891	22888	0.97%	0.018%
27	2.671	2.667	2.680	HH	2916	23006	0.98%	0.018%
28	2.693	2.680	2.703	HH	2896	38618	1.64%	0.030%
29	2.707	2.703	2.730	HH	2904	46937	2.00%	0.036%
30	2.736	2.730	2.753	HH	2848	39573	1.68%	0.030%
31	2.759	2.753	2.782	HH	2808	46781	1.99%	0.036%
32	2.786	2.782	2.814	HH	2752	52714	2.24%	0.040%
33	2.819	2.814	2.825	HH	2671	17294	0.74%	0.013%
34	2.831	2.825	2.839	HH	2687	22472	0.96%	0.017%
35	2.848	2.839	2.883	HH	2672	68182	2.90%	0.052%
36	2.889	2.883	2.908	HH	2629	40307	1.71%	0.031%

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37	2.914	2.908	2.918	HH	2599	14004	0.60%	0.011%
38	2.924	2.918	2.941	HH	2651	36844	1.57%	0.028%
39	2.946	2.941	2.953	HH	2620	19193	0.82%	0.015%
40	2.965	2.953	2.980	HH	2653	41478	1.76%	0.032%
41	2.985	2.980	2.992	HH	2638	18598	0.79%	0.014%
42	2.996	2.992	3.011	HH	2614	29781	1.27%	0.023%
43	3.015	3.011	3.023	HH	2609	19354	0.82%	0.015%
44	3.030	3.023	3.040	HH	2595	25657	1.09%	0.020%
45	3.044	3.040	3.048	HH	2587	12785	0.54%	0.010%
46	3.057	3.048	3.080	HH	2592	48169	2.05%	0.037%
47	3.088	3.080	3.095	HH	2546	22582	0.96%	0.017%
48	3.116	3.095	3.141	HH	2562	69122	2.94%	0.053%
49	3.148	3.141	3.177	HH	2491	52347	2.23%	0.040%
50	3.181	3.177	3.190	HH	2433	19234	0.82%	0.015%
51	3.200	3.190	3.206	HH	2449	22857	0.97%	0.018%
52	3.211	3.206	3.216	HH	2495	15272	0.65%	0.012%
53	3.220	3.216	3.225	HH	2463	12835	0.55%	0.010%
54	3.236	3.225	3.242	HH	2458	25258	1.07%	0.019%
55	3.247	3.242	3.262	HH	2468	28150	1.20%	0.022%
56	3.265	3.262	3.286	HH	2437	34761	1.48%	0.027%
57	3.291	3.286	3.300	HH	2376	19477	0.83%	0.015%
58	3.305	3.300	3.319	HH	2433	28014	1.19%	0.021%
59	3.327	3.319	3.366	HH	2447	66156	2.81%	0.051%
60	3.380	3.366	3.387	HH	2368	29046	1.23%	0.022%
61	3.392	3.387	3.401	HH	2370	20807	0.88%	0.016%
62	3.406	3.401	3.426	HH	2405	34755	1.48%	0.027%
63	3.431	3.426	3.435	HH	2342	12786	0.54%	0.010%
64	3.441	3.435	3.452	HH	2359	23239	0.99%	0.018%
65	3.456	3.452	3.471	HH	2327	27379	1.16%	0.021%
66	3.475	3.471	3.489	HH	2340	24226	1.03%	0.019%
67	3.494	3.489	3.498	HH	2373	13070	0.56%	0.010%
68	3.504	3.498	3.516	HH	2365	24838	1.06%	0.019%
69	3.520	3.516	3.530	HH	2331	18999	0.81%	0.015%
70	3.540	3.530	3.546	HH	2336	21702	0.92%	0.017%
71	3.549	3.546	3.559	HH	2325	18222	0.77%	0.014%
72	3.565	3.559	3.573	HH	2264	17887	0.76%	0.014%
73	3.581	3.573	3.587	HH	2235	18900	0.80%	0.014%
74	3.594	3.587	3.598	HH	2270	15640	0.66%	0.012%
75	3.603	3.598	3.621	HH	2283	29856	1.27%	0.023%
76	3.625	3.621	3.658	HH	2304	49892	2.12%	0.038%
77	3.666	3.658	3.671	HH	2214	17389	0.74%	0.013%
78	3.675	3.671	3.697	HH	2221	34589	1.47%	0.027%
79	3.707	3.697	3.714	HH	2211	21959	0.93%	0.017%
80	3.720	3.714	3.725	HH	2197	14167	0.60%	0.011%
81	3.732	3.725	3.763	HH	2213	48570	2.06%	0.037%
82	3.778	3.763	3.783	HH	2164	26450	1.12%	0.020%
83	3.787	3.783	3.793	HH	2180	12219	0.52%	0.009%
84	3.800	3.793	3.810	HH	2155	21571	0.92%	0.017%
85	3.815	3.810	3.832	HH	2138	27634	1.17%	0.021%
86	3.838	3.832	3.843	HH	2165	13740	0.58%	0.011%
87	3.855	3.843	3.869	HH	2131	33513	1.42%	0.026%
88	3.874	3.869	3.878	HH	2113	11512	0.49%	0.009%
89	3.889	3.878	3.893	HH	2159	18746	0.80%	0.014%

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90	3.897	3.893	3.902	HH	2155	10976	0.47%	0.008%
91	3.913	3.902	3.922	HH	2122	24936	1.06%	0.019%
92	3.928	3.922	3.940	HH	2100	22975	0.98%	0.018%
93	3.949	3.940	3.969	HH	2106	36256	1.54%	0.028%
94	3.991	3.969	4.001	HH	2123	39989	1.70%	0.031%
95	4.005	4.001	4.021	HH	2088	24539	1.04%	0.019%
96	4.031	4.021	4.061	HH	2070	48172	2.05%	0.037%
97	4.071	4.061	4.085	HH	2070	29685	1.26%	0.023%
98	4.090	4.085	4.100	HH	2069	18270	0.78%	0.014%
99	4.108	4.100	4.113	HH	2102	16376	0.70%	0.013%
100	4.118	4.113	4.131	HH	2092	21638	0.92%	0.017%
101	4.138	4.131	4.143	HH	2033	14113	0.60%	0.011%
102	4.147	4.143	4.158	HH	2050	19294	0.82%	0.015%
103	4.163	4.158	4.168	HH	2047	11140	0.47%	0.009%
104	4.172	4.168	4.203	HH	2032	41924	1.78%	0.032%
105	4.214	4.203	4.218	HH	2029	18623	0.79%	0.014%
106	4.222	4.218	4.232	HH	2028	17140	0.73%	0.013%
107	4.248	4.232	4.268	HH	2091	43394	1.84%	0.033%
108	4.281	4.268	4.287	HH	2012	21893	0.93%	0.017%
109	4.290	4.287	4.296	HH	2038	11152	0.47%	0.009%
110	4.305	4.296	4.316	HH	2018	23442	1.00%	0.018%
111	4.321	4.316	4.326	HH	2006	11864	0.50%	0.009%
112	4.332	4.326	4.339	HH	2010	15926	0.68%	0.012%
113	4.361	4.339	4.373	HH	2042	41086	1.75%	0.032%
114	4.385	4.373	4.413	HH	2030	47707	2.03%	0.037%
115	4.420	4.413	4.439	HH	2030	30650	1.30%	0.024%
116	4.443	4.439	4.447	HH	1965	9696	0.41%	0.007%
117	4.452	4.447	4.461	HH	1956	15390	0.65%	0.012%
118	4.464	4.461	4.476	HH	1917	17127	0.73%	0.013%
119	4.489	4.476	4.500	HH	1929	27625	1.17%	0.021%
120	4.504	4.500	4.511	HH	1910	12159	0.52%	0.009%
121	4.540	4.511	4.554	HH	1928	48643	2.07%	0.037%
122	4.562	4.554	4.569	HH	1924	17100	0.73%	0.013%
123	4.575	4.569	4.580	HH	1924	12368	0.53%	0.009%
124	4.584	4.580	4.597	HH	1902	18793	0.80%	0.014%
125	4.601	4.597	4.619	HH	1911	25304	1.08%	0.019%
126	4.624	4.619	4.632	HH	1911	14166	0.60%	0.011%
127	4.643	4.632	4.671	HH	1951	44809	1.90%	0.034%
128	4.685	4.671	4.691	HH	1956	23041	0.98%	0.018%
129	4.703	4.691	4.714	HH	1961	26642	1.13%	0.020%
130	4.720	4.714	4.729	HH	1961	17241	0.73%	0.013%
131	4.748	4.729	4.761	HH	1982	36837	1.57%	0.028%
132	4.768	4.761	4.781	HH	1944	23565	1.00%	0.018%
133	4.790	4.781	4.799	HH	1965	20786	0.88%	0.016%
134	4.825	4.799	4.843	HH	2009	51343	2.18%	0.039%
135	4.851	4.843	4.882	HH	2042	45176	1.92%	0.035%
136	4.889	4.882	4.894	HH	1930	14119	0.60%	0.011%
137	4.900	4.894	4.907	HH	1864	13941	0.59%	0.011%
138	4.937	4.907	4.956	HH	1935	54992	2.34%	0.042%
139	4.970	4.956	4.984	HH	1889	31390	1.33%	0.024%
140	5.003	4.984	5.016	HH	1910	35011	1.49%	0.027%
141	5.027	5.016	5.053	HH	1879	40545	1.72%	0.031%

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142	5.066	5.053	5.077	HH	1869	27081	1.15%	0.021%
143	5.082	5.077	5.088	HH	1814	10917	0.46%	0.008%
144	5.092	5.088	5.096	HH	1792	8847	0.38%	0.007%
145	5.108	5.096	5.112	HH	1838	17412	0.74%	0.013%
146	5.132	5.112	5.136	HH	1850	26034	1.11%	0.020%
147	5.155	5.136	5.194	HH	2016	65639	2.79%	0.050%
148	5.207	5.194	5.215	HH	1797	22143	0.94%	0.017%
149	5.223	5.215	5.247	HH	1813	33676	1.43%	0.026%
150	5.261	5.247	5.289	HH	1824	45165	1.92%	0.035%
151	5.294	5.289	5.307	HH	1818	18693	0.79%	0.014%
152	5.314	5.307	5.319	HH	1793	13404	0.57%	0.010%
153	5.326	5.319	5.337	HH	1815	18734	0.80%	0.014%
154	5.342	5.337	5.357	HH	1811	21950	0.93%	0.017%
155	5.361	5.357	5.369	HH	1831	12460	0.53%	0.010%
156	5.378	5.369	5.388	HH	1830	20552	0.87%	0.016%
157	5.392	5.388	5.400	HH	1820	12022	0.51%	0.009%
158	5.407	5.400	5.414	HH	1800	15405	0.65%	0.012%
159	5.429	5.414	5.456	HH	1838	44778	1.90%	0.034%
160	5.465	5.456	5.477	HH	1794	21827	0.93%	0.017%
161	5.499	5.477	5.544	HH	1953	72817	3.10%	0.056%
162	5.553	5.544	5.570	HH	1841	27299	1.16%	0.021%
163	5.584	5.570	5.589	HH	1788	20659	0.88%	0.016%
164	5.608	5.589	5.620	HH	1794	32386	1.38%	0.025%
165	5.622	5.620	5.626	HH	1797	7175	0.31%	0.006%
166	5.634	5.626	5.639	HH	1815	13750	0.58%	0.011%
167	5.643	5.639	5.648	HH	1806	8893	0.38%	0.007%
168	5.666	5.648	5.690	HH	1945	47229	2.01%	0.036%
169	5.712	5.690	5.721	HH	1836	33512	1.42%	0.026%
170	5.728	5.721	5.739	HH	1809	19113	0.81%	0.015%
171	5.748	5.739	5.772	HH	1842	35741	1.52%	0.027%
172	5.805	5.772	5.823	HH	1878	54197	2.30%	0.042%
173	5.827	5.823	5.838	HH	1800	16059	0.68%	0.012%
174	5.842	5.838	5.847	HH	1775	9723	0.41%	0.007%
175	5.853	5.847	5.867	HH	1781	21969	0.93%	0.017%
176	5.873	5.867	5.883	HH	1793	16234	0.69%	0.012%
177	5.886	5.883	5.890	HH	1816	7976	0.34%	0.006%
178	5.896	5.890	5.918	HH	1821	30642	1.30%	0.024%
179	5.925	5.918	5.941	HH	1822	23984	1.02%	0.018%
180	5.943	5.941	5.951	HH	1793	10812	0.46%	0.008%
181	5.961	5.951	5.966	HH	1766	15364	0.65%	0.012%
182	5.975	5.966	5.984	HH	1824	19704	0.84%	0.015%
183	5.992	5.984	6.006	HH	1808	23086	0.98%	0.018%
184	6.014	6.006	6.022	HH	1854	17261	0.73%	0.013%
185	6.032	6.022	6.038	HH	1857	18117	0.77%	0.014%
186	6.042	6.038	6.047	HH	1836	8995	0.38%	0.007%
187	6.053	6.047	6.070	HH	1836	25453	1.08%	0.020%
188	6.078	6.070	6.093	HH	1866	24687	1.05%	0.019%
189	6.110	6.093	6.118	HH	1838	28377	1.21%	0.022%
190	6.121	6.118	6.127	HH	1840	9083	0.39%	0.007%
191	6.131	6.127	6.137	HH	1883	11077	0.47%	0.008%
192	6.162	6.137	6.185	HH	1853	52541	2.23%	0.040%
193	6.189	6.185	6.194	HH	1831	9887	0.42%	0.008%
194	6.197	6.194	6.222	HH	1843	30876	1.31%	0.024%

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195	6.242	6.222	6.272	HH	1927	55830	2.37%	0.043%
196	6.292	6.272	6.302	HH	1848	31520	1.34%	0.024%
197	6.317	6.302	6.332	HH	1911	34195	1.45%	0.026%
198	6.338	6.332	6.343	HH	1846	12093	0.51%	0.009%
199	6.349	6.343	6.354	HH	1876	11791	0.50%	0.009%
200	6.361	6.354	6.382	HH	1898	30987	1.32%	0.024%
201	6.396	6.382	6.400	HH	1882	20174	0.86%	0.015%
202	6.406	6.400	6.417	HH	1881	17917	0.76%	0.014%
203	6.425	6.417	6.440	HH	1900	26291	1.12%	0.020%
204	6.449	6.440	6.470	HH	1849	32685	1.39%	0.025%
205	6.488	6.470	6.507	HH	1877	39881	1.70%	0.031%
206	6.530	6.507	6.539	HH	1825	34386	1.46%	0.026%
207	6.540	6.539	6.549	HH	1806	10626	0.45%	0.008%
208	6.554	6.549	6.584	HH	1837	37532	1.60%	0.029%
209	6.589	6.584	6.592	HH	1748	7719	0.33%	0.006%
210	6.602	6.592	6.610	HH	1810	19605	0.83%	0.015%
211	6.615	6.610	6.622	HH	1813	13144	0.56%	0.010%
212	6.629	6.622	6.642	HH	1847	21554	0.92%	0.017%
213	6.647	6.642	6.653	HH	1840	11207	0.48%	0.009%
214	6.657	6.653	6.662	HH	1827	9898	0.42%	0.008%
215	6.687	6.662	6.706	HH	2030	49773	2.12%	0.038%
216	6.713	6.706	6.739	HH	1931	36782	1.56%	0.028%
217	6.746	6.739	6.754	HH	1780	15762	0.67%	0.012%
218	6.762	6.754	6.767	HH	1822	13930	0.59%	0.011%
219	6.781	6.767	6.802	HH	1883	37650	1.60%	0.029%
220	6.807	6.802	6.811	HH	1836	9524	0.40%	0.007%
221	6.816	6.811	6.840	HH	1828	31842	1.35%	0.024%
222	6.851	6.840	6.872	HH	1917	35537	1.51%	0.027%
223	6.878	6.872	6.884	HH	1812	12746	0.54%	0.010%
224	6.890	6.884	6.899	HH	1845	16710	0.71%	0.013%
225	6.925	6.899	6.939	HH	1924	44309	1.88%	0.034%
226	6.955	6.939	6.970	HH	1856	33407	1.42%	0.026%
227	6.984	6.970	7.001	HH	1944	34721	1.48%	0.027%
228	7.026	7.001	7.045	HH	1997	50806	2.16%	0.039%
229	7.062	7.045	7.075	HH	2021	35329	1.50%	0.027%
230	7.090	7.075	7.132	HH	2020	66117	2.81%	0.051%
231	7.150	7.132	7.170	HH	2011	44109	1.88%	0.034%
232	7.184	7.170	7.201	HH	1938	34493	1.47%	0.026%
233	7.209	7.201	7.219	HH	1904	20796	0.88%	0.016%
234	7.256	7.219	7.279	HH	2298	71735	3.05%	0.055%
235	7.319	7.279	7.324	HH	1966	51858	2.20%	0.040%
236	7.349	7.324	7.367	HH	2141	52667	2.24%	0.040%
237	7.439	7.367	7.459	HH	2487	127937	5.44%	0.098%
238	7.475	7.459	7.481	HH	2470	31208	1.33%	0.024%
239	7.485	7.481	7.492	HH	2418	15715	0.67%	0.012%
240	7.495	7.492	7.517	HH	2390	35423	1.51%	0.027%
241	7.531	7.517	7.548	HH	2437	43560	1.85%	0.033%
242	7.565	7.548	7.585	HH	2424	54357	2.31%	0.042%
243	7.612	7.585	7.631	HH	2507	67251	2.86%	0.052%
244	7.655	7.631	7.678	HH	2625	71003	3.02%	0.054%
245	7.694	7.678	7.701	HH	2455	32910	1.40%	0.025%
246	7.706	7.701	7.710	HH	2431	12160	0.52%	0.009%

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247	7.712	7.710	7.716	HH	2423	8791	0.37%	0.007%
248	7.721	7.716	7.727	HH	2422	16291	0.69%	0.012%
249	7.756	7.727	7.779	HH	2701	79844	3.39%	0.061%
250	7.784	7.779	7.789	HH	2537	14544	0.62%	0.011%
251	7.808	7.789	7.815	HH	2715	42423	1.80%	0.033%
252	7.819	7.815	7.834	HH	2710	29730	1.26%	0.023%
253	7.844	7.834	7.852	HH	2693	28375	1.21%	0.022%
254	7.861	7.852	7.869	HH	2671	27150	1.15%	0.021%
255	7.897	7.869	7.927	HH	2809	92859	3.95%	0.071%
256	7.932	7.927	7.984	HH	2604	83254	3.54%	0.064%
257	7.989	7.984	8.002	HH	2252	23751	1.01%	0.018%
258	8.019	8.002	8.025	HH	2274	30448	1.29%	0.023%
259	8.045	8.025	8.054	HH	2376	40221	1.71%	0.031%
260	8.060	8.054	8.068	HH	2254	18923	0.80%	0.015%
261	8.085	8.068	8.109	HH	2382	55774	2.37%	0.043%
262	8.114	8.109	8.127	HH	2310	24547	1.04%	0.019%
263	8.149	8.127	8.164	HH	2390	50509	2.15%	0.039%
264	8.184	8.164	8.206	HH	2783	62510	2.66%	0.048%
265	8.225	8.206	8.245	HH	2578	56856	2.42%	0.044%
266	8.264	8.245	8.283	HH	2474	53844	2.29%	0.041%
267	8.295	8.283	8.301	HH	2372	25486	1.08%	0.020%
268	8.305	8.301	8.310	HH	2384	13394	0.57%	0.010%
269	8.333	8.310	8.337	HH	2447	38124	1.62%	0.029%
270	8.343	8.337	8.373	HH	2480	52278	2.22%	0.040%
271	8.381	8.373	8.398	HH	2420	35738	1.52%	0.027%
272	8.417	8.398	8.433	HH	2454	49209	2.09%	0.038%
273	8.438	8.433	8.440	HH	2379	10836	0.46%	0.008%
274	8.451	8.440	8.465	HH	2419	35458	1.51%	0.027%
275	8.507	8.465	8.529	HH	3083	99980	4.25%	0.077%
276	8.543	8.529	8.555	HH	2498	38361	1.63%	0.029%
277	8.574	8.555	8.583	HH	2492	40565	1.72%	0.031%
278	8.651	8.583	8.664	HH	2875	132146	5.62%	0.101%
279	8.684	8.664	8.691	HH	3049	49096	2.09%	0.038%
280	8.697	8.691	8.702	HH	3049	18763	0.80%	0.014%
281	8.731	8.702	8.765	HH	3357	121849	5.18%	0.093%
282	8.778	8.765	8.788	HH	3215	44060	1.87%	0.034%
283	8.806	8.788	8.831	HH	3741	88036	3.74%	0.068%
284	8.849	8.831	8.854	HH	3301	44200	1.88%	0.034%
285	8.869	8.854	8.890	HH	3516	70704	3.01%	0.054%
286	8.907	8.890	8.960	HH	3513	124893	5.31%	0.096%
287	8.974	8.960	9.010	HH	3068	85980	3.66%	0.066%
288	9.033	9.010	9.037	HH	2915	45022	1.91%	0.035%
289	9.042	9.037	9.065	HH	2935	47512	2.02%	0.036%
290	9.071	9.065	9.082	HH	2855	29596	1.26%	0.023%
291	9.103	9.082	9.159	HH	2970	127902	5.44%	0.098%
292	9.172	9.159	9.183	HH	2740	39636	1.69%	0.030%
293	9.197	9.183	9.202	HH	2763	30022	1.28%	0.023%
294	9.216	9.202	9.246	HH	2811	72083	3.06%	0.055%
295	9.321	9.246	9.345	HH	4059	212219	9.02%	0.163%
296	9.348	9.345	9.370	HH	4017	56324	2.39%	0.043%
297	9.381	9.370	9.428	HH	3951	116994	4.97%	0.090%
298	9.433	9.428	9.442	HH	2770	23869	1.01%	0.018%
299	9.466	9.442	9.474	HH	2889	53301	2.27%	0.041%

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300	9.485	9.474	9.506	HH	3020	55696	2.37%	0.043%
301	9.519	9.506	9.529	HH	2997	40426	1.72%	0.031%
302	9.567	9.529	9.605	HH	3633	143422	6.10%	0.110%
303	9.626	9.605	9.634	HH	3221	52608	2.24%	0.040%
304	9.647	9.634	9.672	HH	3191	70418	2.99%	0.054%
305	9.684	9.672	9.691	HH	2991	34560	1.47%	0.027%
306	9.732	9.691	9.770	HH	3373	147716	6.28%	0.113%
307	9.827	9.770	9.832	HH	3619	120104	5.11%	0.092%
308	9.849	9.832	9.858	HH	3676	56160	2.39%	0.043%
309	9.875	9.858	9.880	HH	3746	47853	2.03%	0.037%
310	9.885	9.880	9.919	HH	3813	88181	3.75%	0.068%
311	9.923	9.919	9.956	HH	3662	78391	3.33%	0.060%
312	9.970	9.956	9.993	HH	3498	76482	3.25%	0.059%
313	9.999	9.993	10.020	HH	3391	53069	2.26%	0.041%
314	10.030	10.020	10.047	HH	3320	54075	2.30%	0.041%
315	10.061	10.047	10.070	HH	3358	43669	1.86%	0.033%
316	10.077	10.070	10.101	HH	3311	60118	2.56%	0.046%
317	10.106	10.101	10.112	HH	3184	21559	0.92%	0.017%
318	10.153	10.112	10.187	HH	3416	149056	6.34%	0.114%
319	10.200	10.187	10.225	HH	3500	79701	3.39%	0.061%
320	10.229	10.225	10.234	HH	3482	16911	0.72%	0.013%
321	10.283	10.234	10.289	HH	3655	115095	4.89%	0.088%
322	10.293	10.289	10.299	HH	3635	22087	0.94%	0.017%
323	10.364	10.299	10.384	HH	5137	211294	8.98%	0.162%
324	10.431	10.384	10.488	HH	5507	300691	12.78%	0.231%
325	10.508	10.488	10.533	HH	4482	114047	4.85%	0.087%
326	10.555	10.533	10.580	HH	4345	117565	5.00%	0.090%
327	10.638	10.580	10.661	HH	4792	217122	9.23%	0.167%
328	10.692	10.661	10.731	HH	5987	218657	9.30%	0.168%
329	10.751	10.731	10.757	HH	4758	72836	3.10%	0.056%
330	10.790	10.757	10.819	HH	7957	218683	9.30%	0.168%
331	10.831	10.819	10.835	HH	4754	46980	2.00%	0.036%
332	10.847	10.835	10.870	HH	4752	96564	4.11%	0.074%
333	10.874	10.870	10.883	HH	4532	32422	1.38%	0.025%
334	10.912	10.883	10.919	HH	5059	105423	4.48%	0.081%
335	10.938	10.919	10.969	HH	5321	149547	6.36%	0.115%
336	10.979	10.969	11.003	HH	4985	102203	4.34%	0.078%
337	11.041	11.003	11.045	HH	5250	125863	5.35%	0.097%
338	11.049	11.045	11.053	HH	5286	24929	1.06%	0.019%
339	11.057	11.053	11.067	HH	5272	43732	1.86%	0.034%
340	11.105	11.067	11.149	HH	14059	420079	17.86%	0.322%
341	11.153	11.149	11.169	HH	5415	66456	2.83%	0.051%
342	11.174	11.169	11.178	HH	5430	28308	1.20%	0.022%
343	11.193	11.178	11.206	HH	5549	91495	3.89%	0.070%
344	11.211	11.206	11.214	HH	5470	25851	1.10%	0.020%
345	11.220	11.214	11.229	HH	5508	48391	2.06%	0.037%
346	11.255	11.229	11.262	HH	5790	113438	4.82%	0.087%
347	11.269	11.262	11.283	HH	5633	69546	2.96%	0.053%
348	11.296	11.283	11.303	HH	5603	66920	2.84%	0.051%
349	11.344	11.303	11.370	HH	8284	268910	11.43%	0.206%
350	11.382	11.370	11.395	HH	6525	97095	4.13%	0.074%
351	11.416	11.395	11.456	HH	6908	230363	9.79%	0.177%

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352	11.513	11.456	11.561	HH	9887	429140	18.24%	0.329%
353	11.577	11.561	11.602	HH	6245	150162	6.38%	0.115%
354	11.617	11.602	11.632	HH	6225	111789	4.75%	0.086%
355	11.649	11.632	11.667	HH	6370	130160	5.53%	0.100%
356	11.712	11.667	11.763	HH	7068	386230	16.42%	0.296%
357	11.786	11.763	11.816	HH	6914	215926	9.18%	0.166%
358	11.865	11.816	11.879	HH	9245	300641	12.78%	0.231%
359	11.893	11.879	11.940	HH	9278	294238	12.51%	0.226%
360	11.965	11.940	11.970	HH	7475	130237	5.54%	0.100%
361	11.975	11.970	12.002	HH	7541	140370	5.97%	0.108%
362	12.022	12.002	12.041	HH	8128	182430	7.76%	0.140%
363	12.072	12.041	12.110	HH	9495	343796	14.62%	0.264%
364	12.116	12.110	12.144	HH	7633	153710	6.53%	0.118%
365	12.152	12.144	12.157	HH	7355	58830	2.50%	0.045%
366	12.210	12.157	12.264	HH	8206	499695	21.24%	0.383%
367	12.295	12.264	12.319	HH	8652	267209	11.36%	0.205%
368	12.333	12.319	12.344	HH	8217	123178	5.24%	0.094%
369	12.359	12.344	12.368	HH	8213	115248	4.90%	0.088%
370	12.388	12.368	12.400	HH	8430	162269	6.90%	0.124%
371	12.411	12.400	12.415	HH	8346	72067	3.06%	0.055%
372	12.456	12.415	12.487	HH	13705	432755	18.40%	0.332%
373	12.495	12.487	12.504	HH	8746	89728	3.81%	0.069%
374	12.508	12.504	12.527	HH	8645	117279	4.99%	0.090%
375	12.558	12.527	12.579	HH	8928	273678	11.63%	0.210%
376	12.590	12.579	12.599	HH	8871	102157	4.34%	0.078%
377	12.603	12.599	12.606	HH	8844	40390	1.72%	0.031%
378	12.616	12.606	12.625	HH	9029	97530	4.15%	0.075%
379	12.655	12.625	12.708	HH	10020	476576	20.26%	0.366%
380	12.733	12.708	12.779	HH	11291	413482	17.58%	0.317%
381	12.826	12.779	12.844	HH	10022	366706	15.59%	0.281%
382	12.861	12.844	12.884	HH	10097	237061	10.08%	0.182%
383	12.889	12.884	12.910	HH	9668	149058	6.34%	0.114%
384	12.926	12.910	12.932	HH	9432	121093	5.15%	0.093%
385	12.942	12.932	12.947	HH	9458	83358	3.54%	0.064%
386	12.953	12.947	12.957	HH	9430	57343	2.44%	0.044%
387	12.969	12.957	12.973	HH	9510	90135	3.83%	0.069%
388	13.014	12.973	13.041	HH	9969	393418	16.73%	0.302%
389	13.061	13.041	13.076	HH	10421	211872	9.01%	0.163%
390	13.086	13.076	13.105	HH	10296	175364	7.46%	0.135%
391	13.111	13.105	13.124	HH	10131	113907	4.84%	0.087%
392	13.172	13.124	13.210	HH	13551	598124	25.43%	0.459%
393	13.236	13.210	13.279	HH	11668	460490	19.58%	0.353%
394	13.284	13.279	13.307	HH	11035	184498	7.84%	0.142%
395	13.313	13.307	13.323	HH	10797	102449	4.36%	0.079%
396	13.344	13.323	13.353	HH	11941	200545	8.53%	0.154%
397	13.357	13.353	13.379	HH	11784	182962	7.78%	0.140%
398	13.398	13.379	13.435	HH	11447	371463	15.79%	0.285%
399	13.462	13.435	13.475	HH	11253	256913	10.92%	0.197%
400	13.491	13.475	13.528	HH	11820	361213	15.36%	0.277%
401	13.537	13.528	13.547	HH	11257	126741	5.39%	0.097%
402	13.577	13.547	13.597	HH	12187	347028	14.75%	0.266%
403	13.604	13.597	13.610	HH	11869	97976	4.17%	0.075%
404	13.622	13.610	13.642	HH	11897	223165	9.49%	0.171%

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405	13.659	13.642	13.666	HH	12229	170441	7.25%	0.131%
406	13.688	13.666	13.726	HH	16148	481132	20.45%	0.369%
407	13.774	13.726	13.785	HH	12680	431060	18.33%	0.331%
408	13.801	13.785	13.819	HH	13211	264990	11.27%	0.203%
409	13.839	13.819	13.844	HH	13074	190180	8.09%	0.146%
410	13.855	13.844	13.875	HH	13160	244475	10.39%	0.188%
411	13.881	13.875	13.900	HH	12670	187346	7.96%	0.144%
412	13.925	13.900	13.959	HH	14070	469276	19.95%	0.360%
413	13.966	13.959	13.974	HH	12978	117546	5.00%	0.090%
414	13.980	13.974	13.990	HH	12824	120255	5.11%	0.092%
415	13.996	13.990	14.000	HH	12511	70953	3.02%	0.054%
416	14.016	14.000	14.033	HH	12906	250594	10.65%	0.192%
417	14.038	14.033	14.054	HH	12871	161124	6.85%	0.124%
418	14.075	14.054	14.102	HH	13356	375123	15.95%	0.288%
419	14.116	14.102	14.122	HH	13235	161052	6.85%	0.124%
420	14.137	14.122	14.149	HH	13476	211402	8.99%	0.162%
421	14.172	14.149	14.207	HH	14564	485049	20.62%	0.372%
422	14.238	14.207	14.247	HH	13948	332095	14.12%	0.255%
423	14.251	14.247	14.256	HH	13912	79356	3.37%	0.061%
424	14.273	14.256	14.290	HH	14351	286766	12.19%	0.220%
425	14.295	14.290	14.299	HH	14059	72737	3.09%	0.056%
426	14.323	14.299	14.344	HH	14869	385432	16.39%	0.296%
427	14.357	14.344	14.362	HH	14438	157002	6.67%	0.120%
428	14.376	14.362	14.395	HH	14662	281327	11.96%	0.216%
429	14.421	14.395	14.429	HH	14996	296002	12.58%	0.227%
430	14.431	14.429	14.445	HH	15075	146650	6.23%	0.112%
431	14.451	14.445	14.463	HH	14585	149066	6.34%	0.114%
432	14.466	14.463	14.477	HH	14283	123885	5.27%	0.095%
433	14.500	14.477	14.520	HH	15360	384957	16.37%	0.295%
434	14.526	14.520	14.528	HH	14358	67779	2.88%	0.052%
435	14.542	14.528	14.550	HH	15025	189254	8.05%	0.145%
436	14.594	14.550	14.607	HH	15701	520102	22.11%	0.399%
437	14.629	14.607	14.649	HH	16641	389544	16.56%	0.299%
438	14.663	14.649	14.691	HH	15763	394212	16.76%	0.302%
439	14.744	14.691	14.777	HH	16330	804358	34.20%	0.617%
440	14.794	14.777	14.800	HH	16182	222589	9.46%	0.171%
441	14.821	14.800	14.852	HH	22244	572557	24.34%	0.439%
442	14.858	14.852	14.864	HH	15884	116128	4.94%	0.089%
443	14.886	14.864	14.906	HH	16294	401049	17.05%	0.308%
444	14.917	14.906	14.930	HH	16402	237400	10.09%	0.182%
445	14.937	14.930	14.942	HH	16411	119201	5.07%	0.091%
446	14.954	14.942	14.959	HH	16427	166192	7.07%	0.127%
447	14.976	14.959	15.001	HH	16641	415515	17.66%	0.319%
448	15.008	15.001	15.019	HH	16483	170625	7.25%	0.131%
449	15.038	15.019	15.058	HH	17455	398050	16.92%	0.305%
450	15.089	15.058	15.111	HH	17377	540823	22.99%	0.415%
451	15.118	15.111	15.125	HH	17177	140825	5.99%	0.108%
452	15.134	15.125	15.144	HH	17242	196727	8.36%	0.151%
453	15.147	15.144	15.150	HH	17245	64511	2.74%	0.049%
454	15.166	15.150	15.171	HH	17477	216187	9.19%	0.166%
455	15.187	15.171	15.204	HH	18179	350172	14.89%	0.269%
456	15.212	15.204	15.222	HH	17217	177506	7.55%	0.136%

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457	15.243	15.222	15.260	HH	17666	395991	16.83%	0.304%
458	15.266	15.260	15.274	HH	17589	145201	6.17%	0.111%
459	15.277	15.274	15.282	HH	17609	86260	3.67%	0.066%
460	15.294	15.282	15.300	HH	17735	193111	8.21%	0.148%
461	15.303	15.300	15.307	HH	17808	70807	3.01%	0.054%
462	15.317	15.307	15.324	HH	17891	177466	7.54%	0.136%
463	15.342	15.324	15.349	HH	18133	273804	11.64%	0.210%
464	15.359	15.349	15.367	HH	18108	194017	8.25%	0.149%
465	15.388	15.367	15.397	HH	18433	322529	13.71%	0.247%
466	15.403	15.397	15.422	HH	17906	265845	11.30%	0.204%
467	15.470	15.422	15.475	HH	19428	590955	25.12%	0.453%
468	15.479	15.475	15.493	HH	19068	201425	8.56%	0.154%
469	15.509	15.493	15.525	HH	19006	353677	15.04%	0.271%
470	15.547	15.525	15.552	HH	19242	313620	13.33%	0.241%
471	15.556	15.552	15.558	HH	19098	68104	2.90%	0.052%
472	15.578	15.558	15.585	HH	19778	319978	13.60%	0.245%
473	15.615	15.585	15.643	HH	21188	698302	29.69%	0.536%
474	15.652	15.643	15.690	HH	19677	548872	23.33%	0.421%
475	15.722	15.690	15.740	HH	19562	578727	24.60%	0.444%
476	15.751	15.740	15.761	HH	20009	248896	10.58%	0.191%
477	15.784	15.761	15.795	HH	20550	407992	17.34%	0.313%
478	15.800	15.795	15.806	HH	20542	138728	5.90%	0.106%
479	15.822	15.806	15.842	HH	20536	431427	18.34%	0.331%
480	15.877	15.842	15.898	HH	22072	713209	30.32%	0.547%
481	15.904	15.898	15.927	HH	21331	370106	15.73%	0.284%
482	15.954	15.927	15.968	HH	21404	513210	21.82%	0.394%
483	15.983	15.968	15.989	HH	21455	268295	11.41%	0.206%
484	15.994	15.989	16.004	HH	21460	191782	8.15%	0.147%
485	16.007	16.004	16.010	HH	21340	84874	3.61%	0.065%
486	16.060	16.010	16.090	HH	22645	1054837	44.84%	0.809%
487	16.112	16.090	16.143	HH	23170	708173	30.11%	0.543%
488	16.150	16.143	16.156	HH	22125	176386	7.50%	0.135%
489	16.162	16.156	16.172	HH	22082	208777	8.88%	0.160%
490	16.184	16.172	16.188	HH	22203	209116	8.89%	0.160%
491	16.213	16.188	16.220	HH	23953	449153	19.09%	0.345%
492	16.224	16.220	16.229	HH	23844	127038	5.40%	0.097%
493	16.241	16.229	16.249	HH	24859	282256	12.00%	0.216%
494	16.250	16.249	16.274	HH	24363	352599	14.99%	0.270%
495	16.316	16.274	16.325	HH	24541	736084	31.29%	0.565%
496	16.329	16.325	16.344	HH	24427	272677	11.59%	0.209%
497	16.349	16.344	16.360	HH	24484	238070	10.12%	0.183%
498	16.383	16.360	16.418	HH	26227	880461	37.43%	0.675%
499	16.421	16.418	16.429	HH	26006	176827	7.52%	0.136%
500	16.435	16.429	16.450	HH	25638	321032	13.65%	0.246%
501	16.455	16.450	16.465	HH	24602	219648	9.34%	0.168%
502	16.469	16.465	16.475	HH	24397	135040	5.74%	0.104%
503	16.499	16.475	16.505	HH	25873	457421	19.45%	0.351%
504	16.510	16.505	16.528	HH	25937	355843	15.13%	0.273%
505	16.542	16.528	16.564	HH	26102	545050	23.17%	0.418%
506	16.576	16.564	16.581	HH	25645	270100	11.48%	0.207%
507	16.586	16.581	16.593	HH	25663	185409	7.88%	0.142%
508	16.599	16.593	16.607	HH	25860	202907	8.63%	0.156%
509	16.626	16.607	16.644	HH	26807	582946	24.78%	0.447%

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510	16.654	16.644	16.659	HH	26543	237943	10.12%	0.183%
511	16.669	16.659	16.674	HH	26689	238834	10.15%	0.183%
512	16.691	16.674	16.697	HH	26764	378293	16.08%	0.290%
513	16.738	16.697	16.750	HH	28065	870606	37.01%	0.668%
514	16.788	16.750	16.794	HH	28734	738201	31.38%	0.566%
515	16.804	16.794	16.823	HH	29007	494348	21.02%	0.379%
516	16.828	16.823	16.843	HH	28322	341504	14.52%	0.262%
517	16.862	16.843	16.877	HH	29092	581730	24.73%	0.446%
518	16.884	16.877	16.907	HH	28961	516222	21.95%	0.396%
519	16.925	16.907	16.960	HH	29374	911800	38.76%	0.699%
520	16.979	16.960	16.994	HH	29775	586249	24.92%	0.450%
521	17.026	16.994	17.047	HH	33849	997450	42.40%	0.765%
522	17.065	17.047	17.090	HH	30621	769190	32.70%	0.590%
523	17.097	17.090	17.114	HH	30713	437471	18.60%	0.336%
524	17.129	17.114	17.140	HH	30633	480876	20.44%	0.369%
525	17.166	17.140	17.177	HH	31494	680095	28.91%	0.522%
526	17.193	17.177	17.209	HH	32041	606624	25.79%	0.465%
527	17.232	17.209	17.260	HH	34729	1017406	43.25%	0.780%
528	17.272	17.260	17.286	HH	31742	488357	20.76%	0.375%
529	17.314	17.286	17.342	HH	32948	1078749	45.86%	0.827%
530	17.374	17.342	17.380	HH	33276	753970	32.05%	0.578%
531	17.402	17.380	17.447	HH	35066	1334531	56.73%	1.024%
532	17.471	17.447	17.481	HH	34718	685230	29.13%	0.526%
533	17.485	17.481	17.509	HH	34713	564800	24.01%	0.433%
534	17.532	17.509	17.543	HH	34294	687610	29.23%	0.527%
535	17.581	17.543	17.605	HH	36110	1308525	55.63%	1.004%
536	17.610	17.605	17.616	HH	35444	225848	9.60%	0.173%
537	17.630	17.616	17.657	HH	35392	856291	36.40%	0.657%
538	17.661	17.657	17.677	HH	34897	408328	17.36%	0.313%
539	17.694	17.677	17.705	HH	34801	575701	24.47%	0.442%
540	17.719	17.705	17.725	HH	35371	430247	18.29%	0.330%
541	17.728	17.725	17.736	HH	35252	214445	9.12%	0.164%
542	17.743	17.736	17.762	HH	35648	561349	23.86%	0.431%
543	17.782	17.762	17.817	HH	36989	1192822	50.71%	0.915%
544	17.831	17.817	17.835	HH	37435	398660	16.95%	0.306%
545	17.840	17.835	17.843	HH	37370	179200	7.62%	0.137%
546	17.856	17.843	17.863	HH	38464	447951	19.04%	0.344%
547	17.870	17.863	17.874	HH	38776	257127	10.93%	0.197%
548	17.879	17.874	17.884	HH	38477	227125	9.66%	0.174%
549	17.888	17.884	17.897	HH	38632	298815	12.70%	0.229%
550	17.916	17.897	17.942	HH	38633	1025310	43.59%	0.786%
551	17.947	17.942	17.953	HH	37031	229680	9.76%	0.176%
552	17.967	17.953	17.972	HH	37546	432465	18.39%	0.332%
553	18.026	17.972	18.033	HH	42662	1434771	61.00%	1.100%
554	18.035	18.033	18.046	HH	41883	335144	14.25%	0.257%
555	18.053	18.046	18.075	HH	41697	697543	29.65%	0.535%
556	18.082	18.075	18.104	HH	39812	675967	28.74%	0.518%
557	18.131	18.104	18.154	HH	39855	1175457	49.97%	0.902%
558	18.185	18.154	18.190	HH	41220	880412	37.43%	0.675%
559	18.215	18.190	18.221	HH	42033	762816	32.43%	0.585%
560	18.229	18.221	18.234	HH	42075	317567	13.50%	0.244%
561	18.239	18.234	18.247	HH	42416	345718	14.70%	0.265%

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562	18.272	18.247	18.313	HH	42550	1639965	69.72%	1.258%
563	18.341	18.313	18.355	HH	43338	1062493	45.17%	0.815%
564	18.395	18.355	18.436	HH	49155	2136428	90.83%	1.639%
565	18.442	18.436	18.462	HH	42688	661716	28.13%	0.508%
566	18.476	18.462	18.493	HH	43187	795612	33.82%	0.610%
567	18.506	18.493	18.510	HH	43153	442509	18.81%	0.339%
568	18.517	18.510	18.522	HH	43486	309100	13.14%	0.237%
569	18.550	18.522	18.574	HH	44654	1348380	57.32%	1.034%
570	18.627	18.574	18.637	HH	46052	1701615	72.34%	1.305%
571	18.640	18.637	18.648	HH	45782	288369	12.26%	0.221%
572	18.656	18.648	18.662	HH	45663	391255	16.63%	0.300%
573	18.667	18.662	18.675	HH	45088	359329	15.28%	0.276%
574	18.688	18.675	18.694	HH	45910	501123	21.30%	0.384%
575	18.700	18.694	18.705	HH	46046	315442	13.41%	0.242%
576	18.746	18.705	18.766	HH	48761	1712265	72.79%	1.313%
577	18.771	18.766	18.794	HH	47721	797305	33.90%	0.612%
578	18.821	18.794	18.843	HH	49807	1416033	60.20%	1.086%
579	18.868	18.843	18.899	HH	50475	1623782	69.03%	1.245%
580	18.904	18.899	18.910	HH	47998	338434	14.39%	0.260%
581	18.917	18.910	18.924	HH	48561	386566	16.43%	0.297%
582	18.941	18.924	18.961	HH	49615	1093186	46.47%	0.838%
583	18.972	18.961	18.980	HH	49402	556183	23.64%	0.427%
584	19.005	18.980	19.018	HH	51069	1132750	48.16%	0.869%
585	19.023	19.018	19.057	HH	50363	1171810	49.82%	0.899%
586	19.065	19.057	19.078	HH	50517	643116	27.34%	0.493%
587	19.102	19.078	19.116	HH	51617	1148723	48.84%	0.881%
588	19.149	19.116	19.190	HH	55740	2352240	100.00%	1.804%
589	19.195	19.190	19.199	HH	52067	294980	12.54%	0.226%
590	19.224	19.199	19.265	HH	54092	2085424	88.66%	1.600%
591	19.271	19.265	19.281	HH	52589	507152	21.56%	0.389%
592	19.328	19.281	19.350	HH	57348	2287018	97.23%	1.754%
593	19.356	19.350	19.378	HH	55652	917009	38.98%	0.703%
594	19.390	19.378	19.395	HH	55745	565374	24.04%	0.434%
595	19.401	19.395	19.410	HH	56180	513328	21.82%	0.394%
596	19.455	19.410	19.465	HH	57833	1867230	79.38%	1.432%
597	19.494	19.465	19.498	HH	58710	1144532	48.66%	0.878%
					Sum of corrected areas: 130375518			

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