

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111221\
 Data File : FG009033.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2021 14:43
 Sample : M4659-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG110121.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.337	2.300	2.371	BH	6742	55513	0.10%	0.002%
2	2.375	2.371	2.381	HH	116	310	0.00%	0.000%
3	2.409	2.381	2.433	PH	2844	25025	0.05%	0.001%
4	2.441	2.433	2.445	PH	210	921	0.00%	0.000%
5	2.464	2.445	2.477	HH	3014	22940	0.04%	0.001%
6	2.488	2.477	2.515	HH	3286	25565	0.05%	0.001%
7	2.518	2.515	2.534	PH	121	377	0.00%	0.000%
8	2.537	2.534	2.543	PH	1	8	0.00%	0.000%
9	2.565	2.543	2.597	PH	3416	65087	0.12%	0.002%
10	2.612	2.597	2.622	HH	11354	101254	0.18%	0.003%
11	2.628	2.622	2.657	HH	9127	89581	0.16%	0.003%
12	2.664	2.657	2.671	HH	452	2898	0.01%	0.000%
13	2.690	2.671	2.710	HH	22842	231914	0.42%	0.007%
14	2.729	2.710	2.763	HH	7980	114868	0.21%	0.003%
15	2.784	2.763	2.791	PH	7722	60241	0.11%	0.002%
16	2.815	2.791	2.834	HH	25692	309678	0.56%	0.009%
17	2.854	2.834	2.874	HH	4592	53978	0.10%	0.002%
18	2.898	2.874	2.914	PH	5343	52591	0.10%	0.002%
19	2.930	2.914	2.938	HH	3467	35111	0.06%	0.001%
20	2.947	2.938	2.954	HH	4441	35843	0.07%	0.001%
21	2.959	2.954	2.980	HH	4103	31216	0.06%	0.001%
22	3.015	2.980	3.033	HH	12692	147614	0.27%	0.004%
23	3.046	3.033	3.055	HH	8273	68247	0.12%	0.002%
24	3.063	3.055	3.072	HH	7428	61019	0.11%	0.002%
25	3.090	3.072	3.097	HH	10952	123064	0.22%	0.004%
26	3.108	3.097	3.137	HH	21830	294259	0.54%	0.009%
27	3.146	3.137	3.154	HH	6200	55502	0.10%	0.002%
28	3.169	3.154	3.187	HH	51371	441623	0.80%	0.013%
29	3.202	3.187	3.246	HH	22951	343220	0.62%	0.010%
30	3.265	3.246	3.283	HH	5916	66296	0.12%	0.002%
31	3.304	3.283	3.318	HH	24204	224912	0.41%	0.007%
32	3.330	3.318	3.336	HH	11085	104055	0.19%	0.003%
33	3.353	3.336	3.365	HH	58462	557671	1.02%	0.017%
34	3.379	3.365	3.394	HH	123131	1175858	2.14%	0.036%
35	3.401	3.394	3.440	HH	31009	326219	0.59%	0.010%
36	3.457	3.440	3.469	HH	10626	101966	0.19%	0.003%

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37	3.486	3.469	3.497	HH	65469	655514	1.19%	0.020%
38	3.509	3.497	3.526	HH	66819	740761	1.35%	0.022%
39	3.541	3.526	3.565	HH	60113	989052	1.80%	0.030%
40	3.573	3.565	3.589	HH	30076	319851	0.58%	0.010%
41	3.602	3.589	3.615	HH	46616	426478	0.78%	0.013%
42	3.635	3.615	3.661	HH	114758	1417118	2.58%	0.043%
43	3.692	3.661	3.714	HH	98288	1699994	3.10%	0.052%
44	3.735	3.714	3.744	HH	184416	2121417	3.86%	0.064%
45	3.750	3.744	3.779	HH	146879	2173559	3.96%	0.066%
46	3.808	3.779	3.821	HH	169557	2462205	4.48%	0.075%
47	3.829	3.821	3.843	HH	104371	975713	1.78%	0.030%
48	3.859	3.843	3.891	HH	111244	1516264	2.76%	0.046%
49	3.905	3.891	3.921	HH	52252	568310	1.03%	0.017%
50	3.954	3.921	3.971	HH	113684	1912007	3.48%	0.058%
51	3.980	3.971	4.002	HH	101027	1154364	2.10%	0.035%
52	4.023	4.002	4.047	HH	110594	1708830	3.11%	0.052%
53	4.060	4.047	4.069	HH	97100	1016084	1.85%	0.031%
54	4.078	4.069	4.083	HH	97297	778322	1.42%	0.024%
55	4.096	4.083	4.118	HH	190809	2992342	5.45%	0.091%
56	4.129	4.118	4.149	HH	157662	2061182	3.75%	0.063%
57	4.176	4.149	4.189	HH	137526	2106846	3.84%	0.064%
58	4.201	4.189	4.221	HH	120360	1806537	3.29%	0.055%
59	4.238	4.221	4.251	HH	155078	2041558	3.72%	0.062%
60	4.280	4.251	4.312	HH	256965	4505963	8.20%	0.137%
61	4.351	4.312	4.368	HH	275014	3993497	7.27%	0.121%
62	4.388	4.368	4.394	HH	130466	1692760	3.08%	0.051%
63	4.408	4.394	4.413	HH	191902	1898592	3.46%	0.058%
64	4.424	4.413	4.440	HH	222868	2991349	5.45%	0.091%
65	4.450	4.440	4.465	HH	132895	1807948	3.29%	0.055%
66	4.477	4.465	4.490	HH	158399	1945968	3.54%	0.059%
67	4.507	4.490	4.559	HH	312891	5927850	10.79%	0.180%
68	4.596	4.559	4.608	HH	264847	4691439	8.54%	0.142%
69	4.614	4.608	4.620	HH	202975	1479319	2.69%	0.045%
70	4.638	4.620	4.653	HH	555215	7441629	13.55%	0.226%
71	4.661	4.653	4.682	HH	309285	4397433	8.01%	0.134%
72	4.695	4.682	4.710	HH	350394	4365896	7.95%	0.133%
73	4.721	4.710	4.731	HH	207039	2509322	4.57%	0.076%
74	4.748	4.731	4.760	HH	350513	4955270	9.02%	0.151%
75	4.771	4.760	4.785	HH	361175	4319074	7.86%	0.131%
76	4.814	4.785	4.832	HH	503981	8797474	16.02%	0.267%
77	4.854	4.832	4.876	HH	635235	10521222	19.16%	0.320%
78	4.888	4.876	4.895	HH	265792	2922093	5.32%	0.089%
79	4.916	4.895	4.944	HH	633921	11212259	20.42%	0.341%
80	4.963	4.944	4.978	HH	332834	5643225	10.28%	0.171%
81	4.986	4.978	4.995	HH	257982	2535669	4.62%	0.077%
82	5.004	4.995	5.021	HH	270146	3287495	5.99%	0.100%
83	5.070	5.021	5.085	HH	495816	10873244	19.80%	0.330%
84	5.092	5.085	5.113	HH	307354	4125318	7.51%	0.125%
85	5.135	5.113	5.148	HH	433449	6227943	11.34%	0.189%
86	5.163	5.148	5.176	HH	716724	8558747	15.58%	0.260%
87	5.192	5.176	5.203	HH	479965	7241500	13.19%	0.220%
88	5.211	5.203	5.227	HH	482688	5205839	9.48%	0.158%
89	5.244	5.227	5.269	HH	428134	9060198	16.50%	0.275%

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90	5.286	5.269	5.310	HH	397024	9019506	16.42%	0.274%
91	5.320	5.310	5.326	HH	366752	3562293	6.49%	0.108%
92	5.343	5.326	5.358	HH	421734	7201758	13.11%	0.219%
93	5.375	5.358	5.390	HH	824636	11156247	20.31%	0.339%
94	5.406	5.390	5.427	HH	665218	12136141	22.10%	0.369%
95	5.433	5.427	5.447	HH	456544	5257497	9.57%	0.160%
96	5.468	5.447	5.479	HH	467986	7674466	13.97%	0.233%
97	5.515	5.479	5.536	HH	1493757	27934597	50.87%	0.848%
98	5.556	5.536	5.593	HH	738688	18715732	34.08%	0.568%
99	5.610	5.593	5.624	HH	571412	8759951	15.95%	0.266%
100	5.638	5.624	5.650	HH	503793	7754981	14.12%	0.236%
101	5.676	5.650	5.696	HH	1986491	29774757	54.22%	0.904%
102	5.705	5.696	5.710	HH	540042	4204091	7.66%	0.128%
103	5.722	5.710	5.734	HH	727635	9228855	16.80%	0.280%
104	5.746	5.734	5.760	HH	651387	9662194	17.59%	0.293%
105	5.777	5.760	5.823	HH	786870	23824187	43.38%	0.724%
106	5.841	5.823	5.852	HH	746685	10836101	19.73%	0.329%
107	5.859	5.852	5.871	HH	636925	6895999	12.56%	0.209%
108	5.901	5.871	5.925	HH	968485	22680932	41.30%	0.689%
109	5.950	5.925	5.969	HH	951527	17604962	32.06%	0.535%
110	6.001	5.969	6.021	HH	1114222	26329814	47.94%	0.800%
111	6.028	6.021	6.039	HH	716172	7487922	13.63%	0.227%
112	6.051	6.039	6.058	HH	707259	7766024	14.14%	0.236%
113	6.067	6.058	6.078	HH	702643	8100188	14.75%	0.246%
114	6.094	6.078	6.110	HH	1024429	16320206	29.72%	0.496%
115	6.120	6.110	6.127	HH	736085	7496347	13.65%	0.228%
116	6.146	6.127	6.161	HH	1056227	17538230	31.94%	0.533%
117	6.177	6.161	6.202	HH	1001178	20314395	36.99%	0.617%
118	6.236	6.202	6.263	HH	1288792	35663659	64.94%	1.083%
119	6.285	6.263	6.308	HH	1263970	27035624	49.23%	0.821%
120	6.319	6.308	6.334	HH	801267	12342088	22.47%	0.375%
121	6.362	6.334	6.379	HH	1459916	28807658	52.46%	0.875%
122	6.410	6.379	6.426	HH	1508823	33427091	60.87%	1.015%
123	6.437	6.426	6.452	HH	1268294	17777366	32.37%	0.540%
124	6.461	6.452	6.483	HH	1004736	16740527	30.48%	0.508%
125	6.500	6.483	6.530	HH	1186639	27177069	49.49%	0.825%
126	6.546	6.530	6.552	HH	921086	11876744	21.63%	0.361%
127	6.572	6.552	6.587	HH	1147626	21100850	38.42%	0.641%
128	6.635	6.587	6.649	HH	1708959	45222269	82.35%	1.374%
129	6.677	6.649	6.695	HH	2148038	41655802	75.85%	1.265%
130	6.707	6.695	6.730	HH	1031859	20061954	36.53%	0.609%
131	6.756	6.730	6.781	HH	1493459	36802067	67.01%	1.118%
132	6.816	6.781	6.839	HH	1475591	42273442	76.98%	1.284%
133	6.849	6.839	6.855	HH	1001414	9785302	17.82%	0.297%
134	6.873	6.855	6.905	HH	1369482	34442025	62.72%	1.046%
135	6.946	6.905	6.967	HH	1484352	42567246	77.51%	1.293%
136	6.991	6.967	7.001	HH	1525819	26345393	47.97%	0.800%
137	7.015	7.001	7.030	HH	1660913	25188083	45.86%	0.765%
138	7.047	7.030	7.076	HH	1629125	37221729	67.78%	1.131%
139	7.101	7.076	7.121	HH	1465020	34482876	62.79%	1.047%
140	7.128	7.121	7.135	HH	1211630	9607030	17.49%	0.292%
141	7.139	7.135	7.170	HH	1209380	22536587	41.04%	0.685%

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142	7.196	7.170	7.207	HH	2386977	38390960	69.91%	1.166%
143	7.214	7.207	7.233	HH	1998486	25871888	47.11%	0.786%
144	7.248	7.233	7.268	HH	1598301	27894131	50.79%	0.847%
145	7.296	7.268	7.315	HH	1669635	36731859	66.88%	1.116%
146	7.323	7.315	7.351	HH	1232521	25651385	46.71%	0.779%
147	7.383	7.351	7.419	HH	1639861	54379622	99.02%	1.652%
148	7.426	7.419	7.444	HH	1266901	18104843	32.97%	0.550%
149	7.462	7.444	7.482	HH	1484281	30113299	54.83%	0.915%
150	7.505	7.482	7.529	HH	1403000	35612732	64.85%	1.082%
151	7.551	7.529	7.565	HH	1334972	26327532	47.94%	0.800%
152	7.594	7.565	7.625	HH	1889548	54917966	100.00%	1.668%
153	7.632	7.625	7.660	HH	1314358	24459574	44.54%	0.743%
154	7.676	7.660	7.692	HH	1259340	22062745	40.17%	0.670%
155	7.716	7.692	7.740	HH	1475227	37981000	69.16%	1.154%
156	7.755	7.740	7.788	HH	1386192	35386939	64.44%	1.075%
157	7.801	7.788	7.816	HH	1129805	18073986	32.91%	0.549%
158	7.821	7.816	7.826	HH	1021275	6186116	11.26%	0.188%
159	7.850	7.826	7.868	HH	1415147	30669566	55.85%	0.932%
160	7.881	7.868	7.914	HH	1238048	31563839	57.47%	0.959%
161	7.935	7.914	7.955	HH	1214490	28055031	51.09%	0.852%
162	7.987	7.955	8.003	HH	1389568	37341751	68.00%	1.134%
163	8.031	8.003	8.065	HH	1707793	49115583	89.43%	1.492%
164	8.075	8.065	8.085	HH	1097750	12520722	22.80%	0.380%
165	8.113	8.085	8.129	HH	2051841	39522852	71.97%	1.200%
166	8.140	8.129	8.151	HH	1275060	16776141	30.55%	0.510%
167	8.165	8.151	8.187	HH	1482562	27588225	50.24%	0.838%
168	8.200	8.187	8.220	HH	1146479	20740286	37.77%	0.630%
169	8.238	8.220	8.252	HH	1157509	21595227	39.32%	0.656%
170	8.276	8.252	8.302	HH	1239331	35277459	64.24%	1.071%
171	8.308	8.302	8.317	HH	1129443	10034735	18.27%	0.305%
172	8.333	8.317	8.354	HH	1337382	25719139	46.83%	0.781%
173	8.375	8.354	8.386	HH	1098866	20752500	37.79%	0.630%
174	8.401	8.386	8.422	HH	1129990	23030358	41.94%	0.700%
175	8.458	8.422	8.474	HH	1707602	40634072	73.99%	1.234%
176	8.479	8.474	8.494	HH	1301789	14644365	26.67%	0.445%
177	8.510	8.494	8.524	HH	1246520	20896379	38.05%	0.635%
178	8.535	8.524	8.549	HH	1155493	16226116	29.55%	0.493%
179	8.565	8.549	8.570	HH	1171038	13752933	25.04%	0.418%
180	8.574	8.570	8.607	HH	1163452	21823473	39.74%	0.663%
181	8.647	8.607	8.662	HH	1065675	30711189	55.92%	0.933%
182	8.681	8.662	8.700	HH	1137131	22965932	41.82%	0.698%
183	8.707	8.700	8.726	HH	941673	14224489	25.90%	0.432%
184	8.751	8.726	8.770	HH	1419585	28191218	51.33%	0.856%
185	8.824	8.770	8.848	HH	1654302	52579278	95.74%	1.597%
186	8.861	8.848	8.880	HH	933040	16467970	29.99%	0.500%
187	8.903	8.880	8.922	HH	1024726	21609629	39.35%	0.656%
188	8.943	8.922	8.960	HH	968507	20405053	37.16%	0.620%
189	8.971	8.960	9.017	HH	873998	27279563	49.67%	0.829%
190	9.053	9.017	9.070	HH	848368	25401976	46.25%	0.772%
191	9.083	9.070	9.109	HH	808706	17791361	32.40%	0.540%
192	9.126	9.109	9.139	HH	762638	13288099	24.20%	0.404%
193	9.148	9.139	9.169	HH	778873	12786345	23.28%	0.388%
194	9.189	9.169	9.220	HH	818691	21076868	38.38%	0.640%

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195	9.241	9.220	9.254	HH	681940	13251453	24.13%	0.402%
196	9.266	9.254	9.293	HH	661148	13800542	25.13%	0.419%
197	9.313	9.293	9.324	HH	633578	11077512	20.17%	0.336%
198	9.335	9.324	9.362	HH	671164	14350431	26.13%	0.436%
199	9.396	9.362	9.421	HH	654975	21237956	38.67%	0.645%
200	9.431	9.421	9.453	HH	573121	10496024	19.11%	0.319%
201	9.476	9.453	9.492	HH	612182	12991530	23.66%	0.395%
202	9.505	9.492	9.531	HH	630394	12986035	23.65%	0.394%
203	9.557	9.531	9.581	HH	676998	16846060	30.67%	0.512%
204	9.587	9.581	9.612	HH	513052	9182043	16.72%	0.279%
205	9.620	9.612	9.625	HH	467866	3458294	6.30%	0.105%
206	9.636	9.625	9.651	HH	498475	7443717	13.55%	0.226%
207	9.659	9.651	9.689	HH	458499	9726688	17.71%	0.295%
208	9.694	9.689	9.700	HH	403122	2830981	5.15%	0.086%
209	9.720	9.700	9.749	HH	435596	11821833	21.53%	0.359%
210	9.765	9.749	9.779	HH	385713	6913548	12.59%	0.210%
211	9.795	9.779	9.813	HH	422203	8157532	14.85%	0.248%
212	9.837	9.813	9.871	HH	436836	13796869	25.12%	0.419%
213	9.895	9.871	9.924	HH	386891	11835719	21.55%	0.359%
214	9.935	9.924	9.952	HH	375380	6164724	11.23%	0.187%
215	9.966	9.952	9.974	HH	346459	4506156	8.21%	0.137%
216	9.981	9.974	10.029	HH	350480	10347149	18.84%	0.314%
217	10.057	10.029	10.087	HH	315720	10402159	18.94%	0.316%
218	10.108	10.087	10.141	HH	292846	9021194	16.43%	0.274%
219	10.155	10.141	10.174	HH	280675	5079710	9.25%	0.154%
220	10.197	10.174	10.212	HH	278175	5935974	10.81%	0.180%
221	10.222	10.212	10.243	HH	266261	4782802	8.71%	0.145%
222	10.268	10.243	10.295	HH	359585	9046231	16.47%	0.275%
223	10.308	10.295	10.315	HH	249980	2914642	5.31%	0.089%
224	10.335	10.315	10.384	HH	267253	10057058	18.31%	0.305%
225	10.416	10.384	10.441	HH	248095	7693647	14.01%	0.234%
226	10.461	10.441	10.467	HH	209668	3047009	5.55%	0.093%
227	10.471	10.467	10.489	HH	207227	2725525	4.96%	0.083%
228	10.495	10.489	10.499	HH	195757	1167094	2.13%	0.035%
229	10.516	10.499	10.533	HH	200695	4030229	7.34%	0.122%
230	10.541	10.533	10.581	HH	202954	5381410	9.80%	0.163%
231	10.603	10.581	10.609	HH	184940	2985691	5.44%	0.091%
232	10.619	10.609	10.630	HH	188280	2411453	4.39%	0.073%
233	10.645	10.630	10.663	HH	191522	3574550	6.51%	0.109%
234	10.690	10.663	10.804	HH	277370	14948312	27.22%	0.454%
235	10.823	10.804	10.847	HH	147544	3661175	6.67%	0.111%
236	10.861	10.847	10.877	HH	145375	2534742	4.62%	0.077%
237	10.893	10.877	10.913	HH	148187	2997635	5.46%	0.091%
238	10.928	10.913	10.984	HH	159244	5773129	10.51%	0.175%
239	11.007	10.984	11.054	HH	126344	5026139	9.15%	0.153%
240	11.061	11.054	11.081	HH	116629	1883720	3.43%	0.057%
241	11.100	11.081	11.117	HH	120791	2506490	4.56%	0.076%
242	11.124	11.117	11.129	HH	111123	739655	1.35%	0.022%
243	11.138	11.129	11.149	HH	112756	1384328	2.52%	0.042%
244	11.168	11.149	11.176	HH	117515	1848367	3.37%	0.056%
245	11.189	11.176	11.213	HH	117534	2451640	4.46%	0.074%
246	11.228	11.213	11.236	HH	109522	1488930	2.71%	0.045%

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247	11.249	11.236	11.261	HH	109554	1614027	2.94%	0.049%
248	11.276	11.261	11.295	HH	113620	2241025	4.08%	0.068%
249	11.301	11.295	11.310	HH	108702	967553	1.76%	0.029%
250	11.314	11.310	11.334	HH	109225	1466855	2.67%	0.045%
251	11.352	11.334	11.367	HH	104359	2018894	3.68%	0.061%
252	11.379	11.367	11.386	HH	105481	1158948	2.11%	0.035%
253	11.413	11.386	11.448	HH	138987	4229634	7.70%	0.128%
254	11.462	11.448	11.471	HH	99741	1352750	2.46%	0.041%
255	11.476	11.471	11.496	HH	100320	1447192	2.64%	0.044%
256	11.536	11.496	11.549	HH	103471	3020360	5.50%	0.092%
257	11.555	11.549	11.575	HH	98432	1481511	2.70%	0.045%
258	11.580	11.575	11.599	HH	93172	1341789	2.44%	0.041%
259	11.622	11.599	11.656	HH	107234	3342999	6.09%	0.102%
260	11.677	11.656	11.696	HH	163128	2942725	5.36%	0.089%
261	11.716	11.696	11.737	HH	149315	3019874	5.50%	0.092%
262	11.760	11.737	11.782	HH	230696	4125620	7.51%	0.125%
263	11.789	11.782	11.813	HH	102205	1807736	3.29%	0.055%
264	11.829	11.813	11.854	HH	99513	2289850	4.17%	0.070%
265	11.878	11.854	11.896	HH	93994	2323920	4.23%	0.071%
266	11.921	11.896	11.957	HH	97091	3345376	6.09%	0.102%
267	11.980	11.957	12.026	HH	153909	4560663	8.30%	0.139%
268	12.044	12.026	12.062	HH	103077	2063530	3.76%	0.063%
269	12.093	12.062	12.119	HH	284842	5420565	9.87%	0.165%
270	12.135	12.119	12.148	HH	96650	1629399	2.97%	0.049%
271	12.167	12.148	12.179	HH	102557	1834389	3.34%	0.056%
272	12.185	12.179	12.192	HH	95716	720619	1.31%	0.022%
273	12.213	12.192	12.232	HH	118877	2546615	4.64%	0.077%
274	12.246	12.232	12.251	HH	123148	1307033	2.38%	0.040%
275	12.266	12.251	12.276	HH	156287	2113530	3.85%	0.064%
276	12.288	12.276	12.312	HH	154430	2815485	5.13%	0.086%
277	12.328	12.312	12.338	HH	150473	2041875	3.72%	0.062%
278	12.356	12.338	12.376	HH	260142	4206057	7.66%	0.128%
279	12.395	12.376	12.419	HH	212075	3848375	7.01%	0.117%
280	12.435	12.419	12.451	HH	112071	2024413	3.69%	0.061%
281	12.460	12.451	12.473	HH	102240	1272607	2.32%	0.039%
282	12.488	12.473	12.536	HH	142103	3578916	6.52%	0.109%
283	12.570	12.536	12.589	HH	144978	3250598	5.92%	0.099%
284	12.593	12.589	12.617	HH	92900	1424990	2.59%	0.043%
285	12.626	12.617	12.660	HH	74989	1805512	3.29%	0.055%
286	12.674	12.660	12.687	HH	70398	1121503	2.04%	0.034%
287	12.718	12.687	12.756	HH	272205	5708446	10.39%	0.173%
288	12.760	12.756	12.776	HH	67617	793301	1.44%	0.024%
289	12.797	12.776	12.831	HH	76923	2302403	4.19%	0.070%
290	12.845	12.831	12.877	HH	74569	1891755	3.44%	0.057%
291	12.896	12.877	12.923	HH	121637	2322607	4.23%	0.071%
292	12.933	12.923	12.954	HH	62823	1133718	2.06%	0.034%
293	12.963	12.954	12.987	HH	58727	1106954	2.02%	0.034%
294	13.033	12.987	13.053	HH	118580	3012559	5.49%	0.092%
295	13.065	13.053	13.103	HH	74030	1946513	3.54%	0.059%
296	13.109	13.103	13.116	HH	55409	438564	0.80%	0.013%
297	13.141	13.116	13.164	HH	70495	1752800	3.19%	0.053%
298	13.188	13.164	13.211	HH	59472	1606771	2.93%	0.049%
299	13.255	13.211	13.277	HH	64356	2278282	4.15%	0.069%

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300	13.293	13.277	13.314	HH	59410	1260317	2.29%	0.038%
301	13.325	13.314	13.373	HH	60394	1975418	3.60%	0.060%
302	13.388	13.373	13.401	HH	55898	910719	1.66%	0.028%
303	13.414	13.401	13.430	HH	54609	907449	1.65%	0.028%
304	13.434	13.430	13.438	HH	51467	252560	0.46%	0.008%
305	13.469	13.438	13.500	HH	127500	2852678	5.19%	0.087%
306	13.527	13.500	13.549	HH	56522	1547579	2.82%	0.047%
307	13.583	13.549	13.614	HH	58828	2077510	3.78%	0.063%
308	13.622	13.614	13.628	HH	48699	407986	0.74%	0.012%
309	13.635	13.628	13.648	HH	48718	575940	1.05%	0.017%
310	13.667	13.648	13.680	HH	52440	963110	1.75%	0.029%
311	13.707	13.680	13.741	HH	73178	2048751	3.73%	0.062%
312	13.757	13.741	13.799	HH	49699	1671039	3.04%	0.051%
313	13.824	13.799	13.859	HH	51254	1698342	3.09%	0.052%
314	13.867	13.859	13.871	HH	46265	343689	0.63%	0.010%
315	13.876	13.871	13.880	HH	45975	252208	0.46%	0.008%
316	13.888	13.880	13.910	HH	47646	817944	1.49%	0.025%
317	13.914	13.910	13.924	HH	44401	343251	0.63%	0.010%
318	13.929	13.924	13.934	HH	44393	263029	0.48%	0.008%
319	13.945	13.934	13.967	HH	45113	867428	1.58%	0.026%
320	13.973	13.967	13.978	HH	43250	274414	0.50%	0.008%
321	13.983	13.978	14.000	HH	43195	566023	1.03%	0.017%
322	14.017	14.000	14.035	HH	42963	860721	1.57%	0.026%
323	14.064	14.035	14.074	HH	43964	1027761	1.87%	0.031%
324	14.078	14.074	14.107	HH	44697	822967	1.50%	0.025%
325	14.114	14.107	14.118	HH	40806	257722	0.47%	0.008%
326	14.128	14.118	14.137	HH	41500	470883	0.86%	0.014%
327	14.157	14.137	14.186	HH	42734	1203992	2.19%	0.037%
328	14.195	14.186	14.203	HH	40498	400120	0.73%	0.012%
329	14.217	14.203	14.240	HH	42122	919952	1.68%	0.028%
330	14.253	14.240	14.282	HH	42139	1023384	1.86%	0.031%
331	14.303	14.282	14.330	HH	42745	1160666	2.11%	0.035%
332	14.353	14.330	14.400	HH	44189	1671031	3.04%	0.051%
333	14.416	14.400	14.421	HH	38624	470744	0.86%	0.014%
334	14.468	14.421	14.504	HH	54672	2177709	3.97%	0.066%
335	14.521	14.504	14.564	HH	40127	1394233	2.54%	0.042%
336	14.567	14.564	14.573	HH	37391	210440	0.38%	0.006%
337	14.590	14.573	14.596	HH	38055	518866	0.94%	0.016%
338	14.600	14.596	14.608	HH	37873	263548	0.48%	0.008%
339	14.624	14.608	14.641	HH	37588	713437	1.30%	0.022%
340	14.669	14.641	14.707	HH	38517	1479045	2.69%	0.045%
341	14.739	14.707	14.779	HH	153054	3117328	5.68%	0.095%
342	14.787	14.779	14.797	HH	36107	397333	0.72%	0.012%
343	14.801	14.797	14.817	HH	36207	420332	0.77%	0.013%
344	14.836	14.817	14.874	HH	37232	1229453	2.24%	0.037%
345	14.879	14.874	14.894	HH	35146	407620	0.74%	0.012%
346	14.897	14.894	14.901	HH	34680	152140	0.28%	0.005%
347	14.914	14.901	14.922	HH	35225	440194	0.80%	0.013%
348	14.941	14.922	14.952	HH	37041	651607	1.19%	0.020%
349	14.958	14.952	14.966	HH	36703	297810	0.54%	0.009%
350	14.978	14.966	14.987	HH	36082	453998	0.83%	0.014%
351	14.992	14.987	15.018	HH	36258	648833	1.18%	0.020%

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352	15.041	15.018	15.046	HH	34947	575275	1.05%	0.017%
353	15.054	15.046	15.062	HH	34925	330427	0.60%	0.010%
354	15.080	15.062	15.084	HH	36575	459791	0.84%	0.014%
355	15.088	15.084	15.116	HH	35984	663054	1.21%	0.020%
356	15.153	15.116	15.161	HH	34626	906052	1.65%	0.028%
357	15.178	15.161	15.184	HH	34318	472415	0.86%	0.014%
358	15.193	15.184	15.203	HH	34262	381129	0.69%	0.012%
359	15.226	15.203	15.251	HH	34399	961839	1.75%	0.029%
360	15.273	15.251	15.306	HH	34303	1099659	2.00%	0.033%
361	15.338	15.306	15.436	HH	56956	3225054	5.87%	0.098%
362	15.469	15.436	15.474	HH	35512	793933	1.45%	0.024%
363	15.478	15.474	15.487	HH	35477	279219	0.51%	0.008%
364	15.495	15.487	15.507	HH	34747	399894	0.73%	0.012%
365	15.513	15.507	15.517	HH	33884	210117	0.38%	0.006%
366	15.524	15.517	15.567	HH	34572	1010765	1.84%	0.031%
367	15.603	15.567	15.627	HH	35054	1205672	2.20%	0.037%
368	15.644	15.627	15.666	HH	33622	768920	1.40%	0.023%
369	15.687	15.666	15.692	HH	34167	531145	0.97%	0.016%
370	15.696	15.692	15.704	HH	33641	228097	0.42%	0.007%
371	15.730	15.704	15.749	HH	34816	919695	1.67%	0.028%
372	15.761	15.749	15.771	HH	34722	449573	0.82%	0.014%
373	15.774	15.771	15.783	HH	35310	254385	0.46%	0.008%
374	15.786	15.783	15.809	HH	35214	537903	0.98%	0.016%
375	15.812	15.809	15.822	HH	34136	265711	0.48%	0.008%
376	15.853	15.822	15.876	HH	34621	1078683	1.96%	0.033%
377	15.881	15.876	15.894	HH	34102	367723	0.67%	0.011%
378	15.916	15.894	15.921	HH	34203	532518	0.97%	0.016%
379	15.927	15.921	15.941	HH	34272	400137	0.73%	0.012%
380	15.944	15.941	15.952	HH	33785	232365	0.42%	0.007%
381	15.969	15.952	15.985	HH	34409	669016	1.22%	0.020%
382	15.994	15.985	16.052	HH	35022	1349559	2.46%	0.041%
383	16.076	16.052	16.089	HH	33880	725298	1.32%	0.022%
384	16.093	16.089	16.097	HH	33195	150550	0.27%	0.005%
385	16.105	16.097	16.121	HH	33561	477555	0.87%	0.015%
386	16.132	16.121	16.135	HH	33678	288536	0.53%	0.009%
387	16.164	16.135	16.172	HH	36392	773685	1.41%	0.023%
388	16.175	16.172	16.214	HH	36516	873205	1.59%	0.027%
389	16.218	16.214	16.222	HH	34633	177040	0.32%	0.005%
390	16.227	16.222	16.244	HH	34749	443108	0.81%	0.013%
391	16.268	16.244	16.312	HH	36595	1442558	2.63%	0.044%
392	16.332	16.312	16.344	HH	36186	668989	1.22%	0.020%
393	16.386	16.344	16.429	HH	39081	1869439	3.40%	0.057%
394	16.433	16.429	16.464	HH	35705	737920	1.34%	0.022%
395	16.467	16.464	16.471	HH	35816	153096	0.28%	0.005%
396	16.481	16.471	16.489	HH	36194	380353	0.69%	0.012%
397	16.492	16.489	16.519	HH	36481	627984	1.14%	0.019%
398	16.536	16.519	16.561	HH	35880	889720	1.62%	0.027%
399	16.564	16.561	16.573	HH	34844	258170	0.47%	0.008%
400	16.610	16.573	16.632	HH	37118	1276314	2.32%	0.039%
401	16.669	16.632	16.685	HH	37381	1136521	2.07%	0.035%
402	16.690	16.685	16.696	HH	36413	243032	0.44%	0.007%
403	16.708	16.696	16.714	HH	36796	394204	0.72%	0.012%
404	16.722	16.714	16.730	HH	36494	345413	0.63%	0.010%

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405	16.738	16.730	16.747	HH	36174	351098	0.64%	0.011%
406	16.793	16.747	16.798	HH	37299	1121439	2.04%	0.034%
407	16.805	16.798	16.811	HH	38056	280935	0.51%	0.009%
408	16.814	16.811	16.839	HH	37414	618712	1.13%	0.019%
409	16.846	16.839	16.850	HH	35573	230664	0.42%	0.007%
410	16.857	16.850	16.864	HH	35574	294648	0.54%	0.009%
411	16.917	16.864	16.934	HH	39368	1554797	2.83%	0.047%
412	16.944	16.934	16.966	HH	39366	738818	1.35%	0.022%
413	16.969	16.966	16.989	HH	38945	520571	0.95%	0.016%
414	17.014	16.989	17.031	HH	36771	898617	1.64%	0.027%
415	17.052	17.031	17.081	HH	36876	1081675	1.97%	0.033%
416	17.097	17.081	17.104	HH	36529	499044	0.91%	0.015%
417	17.126	17.104	17.134	HH	37672	667579	1.22%	0.020%
418	17.174	17.134	17.212	HH	40574	1755817	3.20%	0.053%
419	17.217	17.212	17.223	HH	35987	229832	0.42%	0.007%
420	17.241	17.223	17.247	HH	37798	531885	0.97%	0.016%
421	17.252	17.247	17.266	HH	38545	428749	0.78%	0.013%
422	17.271	17.266	17.275	HH	36973	197234	0.36%	0.006%
423	17.281	17.275	17.284	HH	36812	199575	0.36%	0.006%
424	17.307	17.284	17.327	HH	40786	1007849	1.84%	0.031%
425	17.340	17.327	17.344	HH	37876	361453	0.66%	0.011%
426	17.353	17.344	17.359	HH	38751	352097	0.64%	0.011%
427	17.365	17.359	17.394	HH	38272	776503	1.41%	0.024%
428	17.404	17.394	17.416	HH	36153	464951	0.85%	0.014%
429	17.421	17.416	17.432	HH	35840	341844	0.62%	0.010%
430	17.456	17.432	17.461	HH	35689	601924	1.10%	0.018%
431	17.500	17.461	17.526	HH	37925	1416384	2.58%	0.043%
432	17.540	17.526	17.567	HH	36147	854446	1.56%	0.026%
433	17.579	17.567	17.603	HH	35894	768220	1.40%	0.023%
434	17.608	17.603	17.621	HH	35100	375335	0.68%	0.011%
435	17.624	17.621	17.642	HH	35676	435533	0.79%	0.013%
436	17.669	17.642	17.685	HH	35828	914073	1.66%	0.028%
437	17.691	17.685	17.695	HH	35005	202704	0.37%	0.006%
438	17.721	17.695	17.746	HH	35973	1066186	1.94%	0.032%
439	17.757	17.746	17.768	HH	35681	459527	0.84%	0.014%
440	17.772	17.768	17.777	HH	35292	204394	0.37%	0.006%
441	17.785	17.777	17.796	HH	35740	394295	0.72%	0.012%
442	17.811	17.796	17.846	HH	38141	1062887	1.94%	0.032%
443	17.851	17.846	17.878	HH	34783	655977	1.19%	0.020%
444	17.890	17.878	17.896	HH	35231	374015	0.68%	0.011%
445	17.901	17.896	17.919	HH	35612	476318	0.87%	0.014%
446	17.944	17.919	17.951	HH	36077	674206	1.23%	0.020%
447	17.964	17.951	18.026	HH	38667	1619446	2.95%	0.049%
448	18.041	18.026	18.046	HH	34364	406622	0.74%	0.012%
449	18.051	18.046	18.065	HH	34303	394417	0.72%	0.012%
450	18.072	18.065	18.089	HH	34579	478165	0.87%	0.015%
451	18.102	18.089	18.112	HH	34570	470141	0.86%	0.014%
452	18.116	18.112	18.129	HH	33726	338890	0.62%	0.010%
453	18.192	18.129	18.220	HH	43395	2051541	3.74%	0.062%
454	18.226	18.220	18.267	HH	37799	1015222	1.85%	0.031%
455	18.276	18.267	18.304	HH	35112	750860	1.37%	0.023%
456	18.331	18.304	18.388	HH	40140	1756118	3.20%	0.053%

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457	18.400	18.388	18.411	HH	32425	426932	0.78%	0.013%
458	18.418	18.411	18.438	HH	31994	517154	0.94%	0.016%
459	18.450	18.438	18.471	HH	32359	621800	1.13%	0.019%
460	18.481	18.471	18.501	HH	32616	576807	1.05%	0.018%
461	18.517	18.501	18.567	HH	33663	1288084	2.35%	0.039%
462	18.574	18.567	18.580	HH	31071	223106	0.41%	0.007%
463	18.584	18.580	18.592	HH	30942	233175	0.42%	0.007%
464	18.596	18.592	18.600	HH	30621	142993	0.26%	0.004%
465	18.608	18.600	18.612	HH	31828	212181	0.39%	0.006%
466	18.644	18.612	18.666	HH	35802	1085365	1.98%	0.033%
467	18.685	18.666	18.700	HH	31381	642354	1.17%	0.020%
468	18.705	18.700	18.711	HH	31288	200868	0.37%	0.006%
469	18.717	18.711	18.724	HH	30740	231342	0.42%	0.007%
470	18.753	18.724	18.785	HH	33951	1155196	2.10%	0.035%
471	18.811	18.785	18.833	HH	34736	931010	1.70%	0.028%
472	18.838	18.833	18.867	HH	31962	637894	1.16%	0.019%
473	18.879	18.867	18.890	HH	31632	442717	0.81%	0.013%
474	18.895	18.890	18.900	HH	31445	174292	0.32%	0.005%
475	18.911	18.900	18.916	HH	31624	297713	0.54%	0.009%
476	18.925	18.916	18.931	HH	31769	281070	0.51%	0.009%
477	18.937	18.931	18.961	HH	32072	564914	1.03%	0.017%
478	18.977	18.961	18.994	HH	32772	634687	1.16%	0.019%
479	19.019	18.994	19.035	HH	37467	883364	1.61%	0.027%
480	19.042	19.035	19.107	HH	37082	1470576	2.68%	0.045%
481	19.133	19.107	19.143	HH	31610	652324	1.19%	0.020%
482	19.150	19.143	19.173	HH	31637	567211	1.03%	0.017%
483	19.195	19.173	19.199	HH	33192	487031	0.89%	0.015%
484	19.202	19.199	19.227	HH	33164	532534	0.97%	0.016%
485	19.236	19.227	19.241	HH	31604	262914	0.48%	0.008%
486	19.244	19.241	19.261	HH	31077	345712	0.63%	0.011%
487	19.266	19.261	19.274	HH	29658	233203	0.42%	0.007%
488	19.298	19.274	19.309	HH	31074	625236	1.14%	0.019%
489	19.313	19.309	19.326	HH	30737	313332	0.57%	0.010%
490	19.350	19.326	19.376	HH	31190	880960	1.60%	0.027%
491	19.383	19.376	19.389	HH	28464	221097	0.40%	0.007%
492	19.435	19.389	19.444	HH	31757	975895	1.78%	0.030%
493	19.461	19.444	19.493	HH	31731	874924	1.59%	0.027%
494	19.504	19.493	19.512	HH	28914	331972	0.60%	0.010%
495	19.517	19.512	19.522	HH	28789	179661	0.33%	0.005%
496	19.554	19.522	19.591	HH	31195	1217007	2.22%	0.037%
497	19.624	19.591	19.630	HH	29497	666510	1.21%	0.020%
498	19.654	19.630	19.674	HH	28866	752033	1.37%	0.023%
499	19.726	19.674	19.748	HH	30128	1265368	2.30%	0.038%
500	19.806	19.748	19.826	HH	32124	1390858	2.53%	0.042%
501	19.833	19.826	19.843	HH	30933	313347	0.57%	0.010%
502	19.853	19.843	19.861	HH	31252	325795	0.59%	0.010%
503	19.864	19.861	19.890	HH	30692	512529	0.93%	0.016%
504	19.896	19.890	19.906	HH	29018	273301	0.50%	0.008%
505	19.967	19.906	19.991	HH	29947	1471885	2.68%	0.045%
506	20.004	19.991	20.014	HH	29177	390571	0.71%	0.012%
507	20.018	20.014	20.039	HH	29284	428718	0.78%	0.013%
508	20.043	20.039	20.051	HH	29550	209308	0.38%	0.006%
509	20.075	20.051	20.083	HH	29946	565174	1.03%	0.017%

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510	20.088	20.083	20.099	HH	30008	293789	0.53%	0.009%
511	20.104	20.099	20.111	HH	29438	201699	0.37%	0.006%
512	20.125	20.111	20.149	HH	29134	659113	1.20%	0.020%
513	20.167	20.149	20.194	HH	30904	806477	1.47%	0.024%
514	20.199	20.194	20.213	HH	29408	340169	0.62%	0.010%
515	20.221	20.213	20.239	HH	29862	448703	0.82%	0.014%
516	20.254	20.239	20.270	HH	29720	547010	1.00%	0.017%
517	20.294	20.270	20.319	HH	29567	845121	1.54%	0.026%
518	20.342	20.319	20.371	HH	30482	933305	1.70%	0.028%
519	20.376	20.371	20.391	HH	29904	340868	0.62%	0.010%
520	20.396	20.391	20.401	HH	29530	184537	0.34%	0.006%
521	20.406	20.401	20.410	HH	29257	157673	0.29%	0.005%
522	20.417	20.410	20.424	HH	29509	237841	0.43%	0.007%
523	20.435	20.424	20.440	HH	29656	278851	0.51%	0.008%
524	20.447	20.440	20.472	HH	29540	561763	1.02%	0.017%
525	20.498	20.472	20.506	HH	29136	567323	1.03%	0.017%
526	20.536	20.506	20.564	HH	30555	1024182	1.86%	0.031%
527	20.571	20.564	20.578	HH	28697	244278	0.44%	0.007%
528	20.590	20.578	20.625	HH	28363	787125	1.43%	0.024%
529	20.656	20.625	20.663	HH	29371	652389	1.19%	0.020%
530	20.669	20.663	20.685	HH	28883	372058	0.68%	0.011%
531	20.693	20.685	20.698	HH	27831	210846	0.38%	0.006%
532	20.709	20.698	20.732	HH	28133	561325	1.02%	0.017%
533	20.741	20.732	20.748	HH	28090	266500	0.49%	0.008%
534	20.752	20.748	20.759	HH	27914	180743	0.33%	0.005%
535	20.763	20.759	20.769	HH	28089	175855	0.32%	0.005%
536	20.773	20.769	20.802	HH	27788	545242	0.99%	0.017%
537	20.806	20.802	20.810	HH	27106	119803	0.22%	0.004%
538	20.813	20.810	20.821	HH	26790	173103	0.32%	0.005%
539	20.824	20.821	20.831	HH	26543	157452	0.29%	0.005%
540	20.838	20.831	20.857	HH	26737	422097	0.77%	0.013%
541	20.873	20.857	20.897	HH	26737	634088	1.15%	0.019%
542	20.928	20.897	20.955	HH	27785	928839	1.69%	0.028%
543	20.962	20.955	20.982	HH	25587	412338	0.75%	0.013%
544	20.990	20.982	20.996	HH	25468	203349	0.37%	0.006%
545	21.000	20.996	21.009	HH	25921	205668	0.37%	0.006%
546	21.021	21.009	21.033	HH	25867	365669	0.67%	0.011%
547	21.036	21.033	21.048	HH	25379	223491	0.41%	0.007%
548	21.069	21.048	21.074	HH	25483	395824	0.72%	0.012%
549	21.080	21.074	21.083	HH	25227	133003	0.24%	0.004%
550	21.087	21.083	21.095	HH	25358	189295	0.34%	0.006%
551	21.100	21.095	21.105	HH	25150	141868	0.26%	0.004%
552	21.110	21.105	21.118	HH	25242	193925	0.35%	0.006%
553	21.130	21.118	21.135	HH	25095	251058	0.46%	0.008%
554	21.139	21.135	21.148	HH	25136	192654	0.35%	0.006%
555	21.152	21.148	21.157	HH	25091	136825	0.25%	0.004%
556	21.162	21.157	21.171	HH	24861	213799	0.39%	0.006%
557	21.175	21.171	21.197	HH	24853	384447	0.70%	0.012%
558	21.201	21.197	21.217	HH	24696	289995	0.53%	0.009%
559	21.228	21.217	21.239	HH	24224	307654	0.56%	0.009%
560	21.245	21.239	21.256	HH	24158	243016	0.44%	0.007%
561	21.263	21.256	21.286	HH	24399	434123	0.79%	0.013%

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562	21.300	21.286	21.315	HH	23683	405019	0.74%	0.012%
563	21.319	21.315	21.331	HH	23787	228353	0.42%	0.007%
564	21.363	21.331	21.428	HH	24870	1362479	2.48%	0.041%
565	21.440	21.428	21.445	HH	22744	235298	0.43%	0.007%
566	21.450	21.445	21.458	HH	23076	167889	0.31%	0.005%
567	21.463	21.458	21.467	HH	23099	131782	0.24%	0.004%
568	21.479	21.467	21.509	HH	22899	562499	1.02%	0.017%
569	21.515	21.509	21.530	HH	22668	289794	0.53%	0.009%
570	21.537	21.530	21.564	HH	22405	448239	0.82%	0.014%
571	21.575	21.564	21.588	HH	22200	319602	0.58%	0.010%
572	21.596	21.588	21.603	HH	22369	192766	0.35%	0.006%
573	21.616	21.603	21.621	HH	22557	240286	0.44%	0.007%
574	21.628	21.621	21.639	HH	22436	245101	0.45%	0.007%
575	21.646	21.639	21.682	HH	22102	566742	1.03%	0.017%
576	21.693	21.682	21.722	HH	21545	511878	0.93%	0.016%
577	21.730	21.722	21.736	HH	21535	170684	0.31%	0.005%
578	21.751	21.736	21.757	HH	21722	277074	0.50%	0.008%
579	21.777	21.757	21.796	HH	21639	492311	0.90%	0.015%
580	21.803	21.796	21.822	HH	21457	336162	0.61%	0.010%
581	21.861	21.822	21.894	HH	22239	933288	1.70%	0.028%
582	21.907	21.894	21.913	HH	21642	241663	0.44%	0.007%
583	21.916	21.913	21.938	HH	21022	315953	0.58%	0.010%
584	21.944	21.938	21.948	HH	20633	117831	0.21%	0.004%
					Sum of corrected areas: 3292385610			

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