

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120321\
 Data File : FG009151.D
 Signal(s) : FID1A.ch
 Acq On : 03 Dec 2021 20:38
 Sample : M4919-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112321.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.016	1.997	2.040	BH	6179	59468	0.49%	0.009%
2	2.052	2.040	2.071	HH	1276	21036	0.17%	0.003%
3	2.080	2.071	2.099	HH	1051	15997	0.13%	0.002%
4	2.104	2.099	2.110	HH	990	6137	0.05%	0.001%
5	2.122	2.110	2.142	HH	9789	83073	0.69%	0.012%
6	2.150	2.142	2.163	HH	2128	20828	0.17%	0.003%
7	2.184	2.163	2.214	HH	4110	64255	0.53%	0.010%
8	2.226	2.214	2.231	HH	1426	13049	0.11%	0.002%
9	2.241	2.231	2.254	HH	1747	20320	0.17%	0.003%
10	2.265	2.254	2.303	HH	4265	56137	0.47%	0.008%
11	2.311	2.303	2.315	HH	1160	7979	0.07%	0.001%
12	2.331	2.315	2.361	HH	1867	34937	0.29%	0.005%
13	2.390	2.361	2.399	HH	2328	34446	0.29%	0.005%
14	2.413	2.399	2.436	HH	2066	35599	0.29%	0.005%
15	2.448	2.436	2.469	HH	1576	24321	0.20%	0.004%
16	2.486	2.469	2.504	HH	2826	34580	0.29%	0.005%
17	2.517	2.504	2.536	HH	3005	43119	0.36%	0.006%
18	2.542	2.536	2.549	HH	1545	11215	0.09%	0.002%
19	2.562	2.549	2.576	HH	1961	28062	0.23%	0.004%
20	2.587	2.576	2.596	HH	2172	21350	0.18%	0.003%
21	2.610	2.596	2.649	HH	3002	57775	0.48%	0.009%
22	2.662	2.649	2.686	HH	1673	27401	0.23%	0.004%
23	2.701	2.686	2.730	HH	1496	32626	0.27%	0.005%
24	2.775	2.730	2.795	HH	6421	96759	0.80%	0.014%
25	2.798	2.795	2.832	HH	1769	29173	0.24%	0.004%
26	2.850	2.832	2.868	HH	1502	28392	0.24%	0.004%
27	2.895	2.868	2.932	HH	3927	87218	0.72%	0.013%
28	2.939	2.932	2.943	HH	1366	8491	0.07%	0.001%
29	2.946	2.943	2.952	HH	1298	6907	0.06%	0.001%
30	2.963	2.952	3.003	HH	1379	37202	0.31%	0.006%
31	3.026	3.003	3.048	HH	1454	33156	0.27%	0.005%
32	3.050	3.048	3.055	HH	1148	4324	0.04%	0.001%
33	3.063	3.055	3.069	HH	1149	9296	0.08%	0.001%
34	3.085	3.069	3.107	HH	1313	27635	0.23%	0.004%
35	3.159	3.107	3.172	HH	3850	82874	0.69%	0.012%
36	3.185	3.172	3.225	HH	6098	90334	0.75%	0.013%

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37	3.242	3.225	3.255	HH	2266	27782	0.23%	0.004%
38	3.269	3.255	3.285	HH	2427	34023	0.28%	0.005%
39	3.296	3.285	3.308	HH	1843	23504	0.19%	0.003%
40	3.321	3.308	3.330	HH	2200	24396	0.20%	0.004%
41	3.359	3.330	3.380	HH	2972	71898	0.60%	0.011%
42	3.385	3.380	3.406	HH	1908	24726	0.20%	0.004%
43	3.438	3.406	3.460	HH	2845	64011	0.53%	0.010%
44	3.467	3.460	3.479	HH	1371	14263	0.12%	0.002%
45	3.499	3.479	3.515	HH	2846	42762	0.35%	0.006%
46	3.523	3.515	3.544	HH	2159	28808	0.24%	0.004%
47	3.557	3.544	3.571	HH	1433	21434	0.18%	0.003%
48	3.589	3.571	3.600	HH	1387	21800	0.18%	0.003%
49	3.624	3.600	3.642	HH	11041	118973	0.99%	0.018%
50	3.653	3.642	3.672	HH	3098	40084	0.33%	0.006%
51	3.706	3.672	3.776	HH	13507	209178	1.73%	0.031%
52	3.795	3.776	3.810	HH	4067	48178	0.40%	0.007%
53	3.821	3.810	3.830	HH	1905	21065	0.17%	0.003%
54	3.837	3.830	3.846	HH	1879	16347	0.14%	0.002%
55	3.863	3.846	3.910	HH	8123	116447	0.96%	0.017%
56	3.916	3.910	3.931	HH	1149	13993	0.12%	0.002%
57	3.959	3.931	3.987	HH	2705	58703	0.49%	0.009%
58	4.013	3.987	4.029	HH	3672	56627	0.47%	0.008%
59	4.047	4.029	4.084	HH	8992	141917	1.18%	0.021%
60	4.096	4.084	4.123	HH	2952	57269	0.47%	0.009%
61	4.147	4.123	4.152	HH	2168	35236	0.29%	0.005%
62	4.190	4.152	4.231	HH	95412	976446	8.09%	0.145%
63	4.236	4.231	4.253	HH	2825	34197	0.28%	0.005%
64	4.257	4.253	4.268	HH	2541	21628	0.18%	0.003%
65	4.285	4.268	4.316	HH	6133	122889	1.02%	0.018%
66	4.327	4.316	4.358	HH	4581	85248	0.71%	0.013%
67	4.380	4.358	4.425	HH	47707	574907	4.76%	0.085%
68	4.441	4.425	4.456	HH	6943	94180	0.78%	0.014%
69	4.466	4.456	4.519	HH	4918	124733	1.03%	0.019%
70	4.540	4.519	4.564	HH	3090	69153	0.57%	0.010%
71	4.588	4.564	4.604	HH	6315	101792	0.84%	0.015%
72	4.620	4.604	4.638	HH	8751	119112	0.99%	0.018%
73	4.642	4.638	4.653	HH	3931	32012	0.27%	0.005%
74	4.667	4.653	4.683	HH	6538	78327	0.65%	0.012%
75	4.704	4.683	4.710	HH	12383	132442	1.10%	0.020%
76	4.715	4.710	4.733	HH	11693	118694	0.98%	0.018%
77	4.744	4.733	4.756	HH	5922	71060	0.59%	0.011%
78	4.768	4.756	4.786	HH	5749	76549	0.63%	0.011%
79	4.803	4.786	4.836	HH	5075	117498	0.97%	0.017%
80	4.874	4.836	4.892	HH	5179	119221	0.99%	0.018%
81	4.909	4.892	4.924	HH	5259	74126	0.61%	0.011%
82	4.929	4.924	4.938	HH	3093	25826	0.21%	0.004%
83	4.954	4.938	4.968	HH	5894	83199	0.69%	0.012%
84	4.981	4.968	5.010	HH	5522	105031	0.87%	0.016%
85	5.039	5.010	5.056	HH	10444	172013	1.43%	0.026%
86	5.061	5.056	5.067	HH	5881	36221	0.30%	0.005%
87	5.088	5.067	5.110	HH	17330	236887	1.96%	0.035%
88	5.127	5.110	5.162	HH	10915	218583	1.81%	0.032%
89	5.181	5.162	5.207	HH	9761	192878	1.60%	0.029%

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90	5.244	5.207	5.265	HH	48632	571197	4.73%	0.085%
91	5.269	5.265	5.287	HH	5962	72049	0.60%	0.011%
92	5.300	5.287	5.330	HH	12497	223998	1.86%	0.033%
93	5.360	5.330	5.379	HH	16150	305976	2.54%	0.045%
94	5.395	5.379	5.405	HH	11560	142056	1.18%	0.021%
95	5.410	5.405	5.425	HH	10018	106142	0.88%	0.016%
96	5.432	5.425	5.444	HH	7077	76950	0.64%	0.011%
97	5.468	5.444	5.482	HH	12423	202497	1.68%	0.030%
98	5.493	5.482	5.507	HH	10079	127641	1.06%	0.019%
99	5.518	5.507	5.535	HH	9010	121425	1.01%	0.018%
100	5.549	5.535	5.564	HH	6786	101279	0.84%	0.015%
101	5.600	5.564	5.617	HH	8413	226543	1.88%	0.034%
102	5.639	5.617	5.655	HH	19115	300962	2.49%	0.045%
103	5.672	5.655	5.703	HH	26904	386498	3.20%	0.057%
104	5.728	5.703	5.748	HH	12548	228827	1.90%	0.034%
105	5.770	5.748	5.782	HH	9600	158313	1.31%	0.024%
106	5.804	5.782	5.830	HH	12226	248690	2.06%	0.037%
107	5.860	5.830	5.880	HH	11448	232987	1.93%	0.035%
108	5.904	5.880	5.939	HH	21009	372944	3.09%	0.055%
109	5.963	5.939	5.975	HH	13106	193893	1.61%	0.029%
110	5.989	5.975	6.028	HH	19426	404480	3.35%	0.060%
111	6.045	6.028	6.059	HH	14909	217203	1.80%	0.032%
112	6.073	6.059	6.089	HH	18422	239631	1.99%	0.036%
113	6.101	6.089	6.116	HH	14229	190414	1.58%	0.028%
114	6.129	6.116	6.142	HH	10535	150588	1.25%	0.022%
115	6.149	6.142	6.162	HH	9642	109618	0.91%	0.016%
116	6.193	6.162	6.212	HH	24756	481705	3.99%	0.072%
117	6.221	6.212	6.235	HH	11101	143769	1.19%	0.021%
118	6.252	6.235	6.270	HH	12605	225119	1.87%	0.033%
119	6.286	6.270	6.320	HH	13277	295679	2.45%	0.044%
120	6.350	6.320	6.368	HH	12700	287660	2.38%	0.043%
121	6.400	6.368	6.430	HH	14064	384033	3.18%	0.057%
122	6.453	6.430	6.490	HH	133551	1513909	12.54%	0.225%
123	6.510	6.490	6.559	HH	17528	478966	3.97%	0.071%
124	6.595	6.559	6.606	HH	15971	351934	2.92%	0.052%
125	6.620	6.606	6.641	HH	16654	294352	2.44%	0.044%
126	6.659	6.641	6.678	HH	14390	266506	2.21%	0.040%
127	6.688	6.678	6.695	HH	11631	117874	0.98%	0.018%
128	6.714	6.695	6.724	HH	14148	223053	1.85%	0.033%
129	6.737	6.724	6.746	HH	14258	174255	1.44%	0.026%
130	6.758	6.746	6.774	HH	15030	223738	1.85%	0.033%
131	6.806	6.774	6.821	HH	19650	446597	3.70%	0.066%
132	6.835	6.821	6.854	HH	18471	300493	2.49%	0.045%
133	6.868	6.854	6.896	HH	16207	319298	2.65%	0.047%
134	6.910	6.896	6.937	HH	11634	272419	2.26%	0.040%
135	6.968	6.937	6.997	HH	19204	525129	4.35%	0.078%
136	7.012	6.997	7.031	HH	18793	309683	2.57%	0.046%
137	7.042	7.031	7.049	HH	13168	134641	1.12%	0.020%
138	7.069	7.049	7.090	HH	15448	356612	2.96%	0.053%
139	7.101	7.090	7.111	HH	14252	173893	1.44%	0.026%
140	7.125	7.111	7.141	HH	14978	248970	2.06%	0.037%
141	7.157	7.141	7.188	HH	22226	483591	4.01%	0.072%

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142	7.218	7.188	7.237	HH	21760	540675	4.48%	0.080%
143	7.252	7.237	7.262	HH	17551	244807	2.03%	0.036%
144	7.293	7.262	7.318	HH	33133	763817	6.33%	0.114%
145	7.354	7.318	7.366	HH	21924	578624	4.79%	0.086%
146	7.372	7.366	7.381	HH	21332	179340	1.49%	0.027%
147	7.398	7.381	7.413	HH	30185	492500	4.08%	0.073%
148	7.444	7.413	7.489	HH	119338	2118433	17.55%	0.315%
149	7.521	7.489	7.547	HH	29300	885789	7.34%	0.132%
150	7.579	7.547	7.601	HH	26664	811038	6.72%	0.121%
151	7.620	7.601	7.657	HH	31560	893078	7.40%	0.133%
152	7.681	7.657	7.694	HH	30713	614704	5.09%	0.091%
153	7.723	7.694	7.739	HH	39172	887679	7.36%	0.132%
154	7.754	7.739	7.766	HH	35554	546516	4.53%	0.081%
155	7.775	7.766	7.794	HH	34575	552668	4.58%	0.082%
156	7.815	7.794	7.830	HH	32634	667959	5.53%	0.099%
157	7.848	7.830	7.861	HH	36406	631837	5.24%	0.094%
158	7.895	7.861	7.926	HH	52237	1634090	13.54%	0.243%
159	7.946	7.926	7.954	HH	49035	732683	6.07%	0.109%
160	7.961	7.954	7.981	HH	50076	741116	6.14%	0.110%
161	8.042	7.981	8.064	HH	54599	2352468	19.49%	0.350%
162	8.082	8.064	8.092	HH	58663	849946	7.04%	0.126%
163	8.107	8.092	8.126	HH	66770	1145918	9.50%	0.170%
164	8.137	8.126	8.145	HH	43690	488761	4.05%	0.073%
165	8.160	8.145	8.171	HH	48761	698174	5.79%	0.104%
166	8.180	8.171	8.193	HH	48625	620575	5.14%	0.092%
167	8.222	8.193	8.236	HH	60504	1372354	11.37%	0.204%
168	8.245	8.236	8.258	HH	50983	654117	5.42%	0.097%
169	8.272	8.258	8.289	HH	52771	898402	7.44%	0.134%
170	8.305	8.289	8.320	HH	53679	959361	7.95%	0.143%
171	8.353	8.320	8.382	HH	73632	2117119	17.54%	0.315%
172	8.404	8.382	8.430	HH	74616	1745690	14.47%	0.260%
173	8.459	8.430	8.479	HH	62643	1564486	12.96%	0.233%
174	8.493	8.479	8.505	HH	54970	838106	6.94%	0.125%
175	8.534	8.505	8.568	HH	68713	2208113	18.30%	0.328%
176	8.610	8.568	8.645	HH	77266	2980594	24.70%	0.443%
177	8.656	8.645	8.678	HH	62676	1170742	9.70%	0.174%
178	8.683	8.678	8.702	HH	57115	777171	6.44%	0.116%
179	8.730	8.702	8.749	HH	104694	2187829	18.13%	0.325%
180	8.764	8.749	8.790	HH	79036	1771910	14.68%	0.263%
181	8.806	8.790	8.823	HH	80375	1396969	11.58%	0.208%
182	8.846	8.823	8.875	HH	74174	1947749	16.14%	0.290%
183	8.893	8.875	8.908	HH	53824	1012388	8.39%	0.151%
184	8.951	8.908	8.971	HH	69492	2376034	19.69%	0.353%
185	8.992	8.971	9.014	HH	74779	1548624	12.83%	0.230%
186	9.035	9.014	9.049	HH	68932	1241123	10.28%	0.185%
187	9.066	9.049	9.102	HH	75383	1981762	16.42%	0.295%
188	9.116	9.102	9.132	HH	58976	1031193	8.54%	0.153%
189	9.171	9.132	9.184	HH	87242	2118408	17.55%	0.315%
190	9.199	9.184	9.225	HH	78154	1696318	14.06%	0.252%
191	9.231	9.225	9.259	HH	57935	1110697	9.20%	0.165%
192	9.293	9.259	9.325	HH	70716	2506428	20.77%	0.373%
193	9.347	9.325	9.366	HH	86563	1757451	14.56%	0.261%
194	9.404	9.366	9.429	HH	78266	2684805	22.25%	0.399%

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195	9.442	9.429	9.455	HH	76482	1164282	9.65%	0.173%
196	9.457	9.455	9.466	HH	75415	519205	4.30%	0.077%
197	9.488	9.466	9.492	HH	79877	1170953	9.70%	0.174%
198	9.508	9.492	9.526	HH	86726	1634273	13.54%	0.243%
199	9.554	9.526	9.582	HH	74112	2308819	19.13%	0.343%
200	9.595	9.582	9.599	HH	64468	677442	5.61%	0.101%
201	9.618	9.599	9.635	HH	69737	1421759	11.78%	0.211%
202	9.651	9.635	9.669	HH	79759	1529888	12.68%	0.227%
203	9.705	9.669	9.717	HH	76345	2086158	17.29%	0.310%
204	9.749	9.717	9.768	HH	115322	2687037	22.27%	0.399%
205	9.795	9.768	9.798	HH	88264	1542771	12.78%	0.229%
206	9.803	9.798	9.820	HH	89248	1118591	9.27%	0.166%
207	9.827	9.820	9.834	HH	85074	666900	5.53%	0.099%
208	9.836	9.834	9.858	HH	84424	1213557	10.06%	0.180%
209	9.877	9.858	9.890	HH	110796	1839941	15.25%	0.274%
210	9.908	9.890	9.931	HH	111316	2387245	19.78%	0.355%
211	9.947	9.931	9.967	HH	95586	1850308	15.33%	0.275%
212	9.997	9.967	10.010	HH	96996	2270105	18.81%	0.337%
213	10.027	10.010	10.063	HH	109120	2990259	24.78%	0.445%
214	10.105	10.063	10.152	HH	165511	6349220	52.61%	0.944%
215	10.180	10.152	10.195	HH	116779	2657980	22.02%	0.395%
216	10.219	10.195	10.237	HH	151843	3274447	27.13%	0.487%
217	10.266	10.237	10.301	HH	155658	4952549	41.04%	0.736%
218	10.314	10.301	10.330	HH	103447	1719595	14.25%	0.256%
219	10.363	10.330	10.384	HH	201918	4342088	35.98%	0.645%
220	10.401	10.384	10.424	HH	124897	2683160	22.23%	0.399%
221	10.438	10.424	10.456	HH	108598	2010931	16.66%	0.299%
222	10.486	10.456	10.504	HH	122919	3170539	26.27%	0.471%
223	10.554	10.504	10.569	HH	219571	5808608	48.13%	0.864%
224	10.584	10.569	10.596	HH	248809	3620361	30.00%	0.538%
225	10.620	10.596	10.647	HH	360591	7657963	63.46%	1.138%
226	10.658	10.647	10.699	HH	140355	3683460	30.52%	0.548%
227	10.732	10.699	10.754	HH	191700	4432345	36.73%	0.659%
228	10.774	10.754	10.792	HH	166092	3098421	25.67%	0.461%
229	10.799	10.792	10.834	HH	129962	2964274	24.56%	0.441%
230	10.847	10.834	10.856	HH	109548	1427991	11.83%	0.212%
231	10.885	10.856	10.913	HH	128746	4092246	33.91%	0.608%
232	10.937	10.913	10.971	HH	177502	5001306	41.44%	0.743%
233	10.988	10.971	11.012	HH	114661	2619709	21.71%	0.389%
234	11.056	11.012	11.091	HH	382882	9204515	76.27%	1.368%
235	11.100	11.091	11.124	HH	109786	2034727	16.86%	0.302%
236	11.141	11.124	11.158	HH	124437	2195989	18.20%	0.326%
237	11.215	11.158	11.232	HH	495047	12068034	100.00%	1.794%
238	11.259	11.232	11.286	HH	212915	4972039	41.20%	0.739%
239	11.318	11.286	11.340	HH	189787	4738321	39.26%	0.704%
240	11.349	11.340	11.374	HH	134385	2415680	20.02%	0.359%
241	11.409	11.374	11.434	HH	233412	5377335	44.56%	0.799%
242	11.451	11.434	11.465	HH	132274	2193585	18.18%	0.326%
243	11.485	11.465	11.504	HH	141824	2988465	24.76%	0.444%
244	11.531	11.504	11.540	HH	135383	2799387	23.20%	0.416%
245	11.546	11.540	11.569	HH	137597	2162500	17.92%	0.321%
246	11.587	11.569	11.620	HH	139144	3870014	32.07%	0.575%

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247	11.645	11.620	11.670	HH	134163	3443794	28.54%	0.512%
248	11.698	11.670	11.718	HH	126169	3334991	27.63%	0.496%
249	11.739	11.718	11.759	HH	145584	3178841	26.34%	0.473%
250	11.779	11.759	11.789	HH	171060	2839518	23.53%	0.422%
251	11.806	11.789	11.824	HH	215033	3719314	30.82%	0.553%
252	11.834	11.824	11.853	HH	147037	2376361	19.69%	0.353%
253	11.894	11.853	11.942	HH	222320	8449905	70.02%	1.256%
254	11.967	11.942	11.982	HH	159651	3409635	28.25%	0.507%
255	11.997	11.982	12.007	HH	154471	2153072	17.84%	0.320%
256	12.026	12.007	12.055	HH	187724	4597812	38.10%	0.684%
257	12.066	12.055	12.080	HH	140658	1994348	16.53%	0.296%
258	12.095	12.080	12.114	HH	164703	3144634	26.06%	0.467%
259	12.148	12.114	12.178	HH	178039	5817169	48.20%	0.865%
260	12.188	12.178	12.218	HH	135457	3117268	25.83%	0.463%
261	12.257	12.218	12.288	HH	151569	5745277	47.61%	0.854%
262	12.295	12.288	12.322	HH	130430	2457437	20.36%	0.365%
263	12.356	12.322	12.365	HH	123786	3002060	24.88%	0.446%
264	12.402	12.365	12.419	HH	139856	4083651	33.84%	0.607%
265	12.432	12.419	12.474	HH	127242	3878705	32.14%	0.577%
266	12.486	12.474	12.506	HH	115077	2147760	17.80%	0.319%
267	12.541	12.506	12.569	HH	114115	4067611	33.71%	0.605%
268	12.590	12.569	12.614	HH	126188	3078387	25.51%	0.458%
269	12.637	12.614	12.651	HH	115479	2466544	20.44%	0.367%
270	12.691	12.651	12.712	HH	117786	4079588	33.80%	0.606%
271	12.739	12.712	12.744	HH	116963	2170118	17.98%	0.323%
272	12.746	12.744	12.760	HH	117125	1097318	9.09%	0.163%
273	12.772	12.760	12.776	HH	112254	1084712	8.99%	0.161%
274	12.793	12.776	12.814	HH	117929	2553356	21.16%	0.380%
275	12.822	12.814	12.839	HH	112383	1622955	13.45%	0.241%
276	12.859	12.839	12.922	HH	116939	5432381	45.01%	0.808%
277	12.926	12.922	12.950	HH	100324	1618103	13.41%	0.241%
278	12.988	12.950	13.007	HH	114883	3658805	30.32%	0.544%
279	13.012	13.007	13.022	HH	105161	896727	7.43%	0.133%
280	13.028	13.022	13.051	HH	106844	1845668	15.29%	0.274%
281	13.056	13.051	13.087	HH	105687	2136205	17.70%	0.318%
282	13.111	13.087	13.130	HH	113469	2641465	21.89%	0.393%
283	13.143	13.130	13.153	HH	101925	1375675	11.40%	0.205%
284	13.156	13.153	13.175	HH	100640	1283526	10.64%	0.191%
285	13.189	13.175	13.202	HH	100043	1611281	13.35%	0.240%
286	13.212	13.202	13.247	HH	99188	2570817	21.30%	0.382%
287	13.261	13.247	13.279	HH	94151	1741195	14.43%	0.259%
288	13.292	13.279	13.319	HH	94153	2243297	18.59%	0.333%
289	13.324	13.319	13.343	HH	90454	1280950	10.61%	0.190%
290	13.380	13.343	13.410	HH	99310	3679650	30.49%	0.547%
291	13.415	13.410	13.420	HH	87844	480678	3.98%	0.071%
292	13.432	13.420	13.466	HH	92047	2494975	20.67%	0.371%
293	13.499	13.466	13.505	HH	92065	2118086	17.55%	0.315%
294	13.517	13.505	13.549	HH	94044	2351051	19.48%	0.350%
295	13.563	13.549	13.568	HH	87149	1012173	8.39%	0.150%
296	13.573	13.568	13.579	HH	86132	551172	4.57%	0.082%
297	13.585	13.579	13.596	HH	85150	853665	7.07%	0.127%
298	13.631	13.596	13.668	HH	98315	3805241	31.53%	0.566%
299	13.690	13.668	13.703	HH	88383	1766159	14.64%	0.263%

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300	13.706	13.703	13.730	HH	87290	1357164	11.25%	0.202%
301	13.751	13.730	13.784	HH	89957	2767033	22.93%	0.411%
302	13.800	13.784	13.805	HH	84541	997313	8.26%	0.148%
303	13.808	13.805	13.828	HH	85379	1162587	9.63%	0.173%
304	13.831	13.828	13.846	HH	81566	886127	7.34%	0.132%
305	13.857	13.846	13.871	HH	84386	1239562	10.27%	0.184%
306	13.876	13.871	13.899	HH	83131	1349892	11.19%	0.201%
307	13.905	13.899	13.928	HH	81769	1417566	11.75%	0.211%
308	13.937	13.928	13.956	HH	80796	1346930	11.16%	0.200%
309	13.975	13.956	13.989	HH	84239	1604224	13.29%	0.238%
310	13.999	13.989	14.025	HH	83014	1787962	14.82%	0.266%
311	14.032	14.025	14.053	HH	81786	1338719	11.09%	0.199%
312	14.067	14.053	14.086	HH	84922	1659488	13.75%	0.247%
313	14.096	14.086	14.100	HH	84085	690257	5.72%	0.103%
314	14.111	14.100	14.120	HH	84640	1008900	8.36%	0.150%
315	14.125	14.120	14.148	HH	84975	1353140	11.21%	0.201%
316	14.170	14.148	14.175	HH	86430	1336222	11.07%	0.199%
317	14.182	14.175	14.211	HH	86462	1839540	15.24%	0.273%
318	14.216	14.211	14.225	HH	83496	699051	5.79%	0.104%
319	14.228	14.225	14.237	HH	82274	554639	4.60%	0.082%
320	14.257	14.237	14.276	HH	86455	1945919	16.12%	0.289%
321	14.297	14.276	14.319	HH	83481	2145547	17.78%	0.319%
322	14.326	14.319	14.332	HH	81654	617299	5.12%	0.092%
323	14.338	14.332	14.342	HH	84278	496797	4.12%	0.074%
324	14.346	14.342	14.365	HH	83654	1100262	9.12%	0.164%
325	14.369	14.365	14.399	HH	82261	1629511	13.50%	0.242%
326	14.414	14.399	14.438	HH	81561	1862708	15.44%	0.277%
327	14.469	14.438	14.481	HH	82926	2091865	17.33%	0.311%
328	14.489	14.481	14.499	HH	81105	838123	6.94%	0.125%
329	14.518	14.499	14.525	HH	82431	1248496	10.35%	0.186%
330	14.528	14.525	14.579	HH	80877	2565200	21.26%	0.381%
331	14.592	14.579	14.615	HH	80261	1719934	14.25%	0.256%
332	14.623	14.615	14.629	HH	76949	637053	5.28%	0.095%
333	14.640	14.629	14.649	HH	78611	899454	7.45%	0.134%
334	14.657	14.649	14.667	HH	77932	852405	7.06%	0.127%
335	14.670	14.667	14.676	HH	78597	427362	3.54%	0.064%
336	14.684	14.676	14.694	HH	78034	808182	6.70%	0.120%
337	14.757	14.694	14.804	HH	219481	7059516	58.50%	1.049%
338	14.812	14.804	14.817	HH	77136	608318	5.04%	0.090%
339	14.829	14.817	14.841	HH	79775	1119425	9.28%	0.166%
340	14.844	14.841	14.850	HH	78779	413469	3.43%	0.061%
341	14.855	14.850	14.867	HH	79325	814788	6.75%	0.121%
342	14.871	14.867	14.896	HH	77257	1310358	10.86%	0.195%
343	14.917	14.896	14.931	HH	76002	1569522	13.01%	0.233%
344	14.951	14.931	14.967	HH	78690	1641791	13.60%	0.244%
345	14.973	14.967	14.982	HH	77522	697418	5.78%	0.104%
346	14.988	14.982	14.998	HH	76801	741922	6.15%	0.110%
347	15.011	14.998	15.051	HH	80033	2411046	19.98%	0.358%
348	15.071	15.051	15.085	HH	77389	1535127	12.72%	0.228%
349	15.091	15.085	15.103	HH	76075	783688	6.49%	0.117%
350	15.108	15.103	15.122	HH	72737	832480	6.90%	0.124%
351	15.145	15.122	15.158	HH	74566	1612469	13.36%	0.240%

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352	15.174	15.158	15.192	HH	76573	1513342	12.54%	0.225%
353	15.205	15.192	15.223	HH	75881	1409943	11.68%	0.210%
354	15.229	15.223	15.240	HH	75900	724447	6.00%	0.108%
355	15.243	15.240	15.249	HH	74748	442188	3.66%	0.066%
356	15.264	15.249	15.281	HH	77024	1407899	11.67%	0.209%
357	15.302	15.281	15.319	HH	75257	1701474	14.10%	0.253%
358	15.350	15.319	15.395	HH	91896	3643414	30.19%	0.542%
359	15.399	15.395	15.406	HH	75058	482751	4.00%	0.072%
360	15.412	15.406	15.426	HH	76275	872687	7.23%	0.130%
361	15.430	15.426	15.436	HH	73509	459445	3.81%	0.068%
362	15.450	15.436	15.474	HH	75225	1653123	13.70%	0.246%
363	15.495	15.474	15.512	HH	76779	1726710	14.31%	0.257%
364	15.546	15.512	15.560	HH	78192	2203094	18.26%	0.328%
365	15.564	15.560	15.589	HH	75965	1271958	10.54%	0.189%
366	15.609	15.589	15.629	HH	75824	1762861	14.61%	0.262%
367	15.637	15.629	15.645	HH	73143	724741	6.01%	0.108%
368	15.656	15.645	15.664	HH	73221	799950	6.63%	0.119%
369	15.669	15.664	15.685	HH	72896	933151	7.73%	0.139%
370	15.699	15.685	15.709	HH	73331	1042437	8.64%	0.155%
371	15.731	15.709	15.760	HH	74342	2149008	17.81%	0.319%
372	15.784	15.760	15.810	HH	72973	2109142	17.48%	0.314%
373	15.812	15.810	15.821	HH	70340	486433	4.03%	0.072%
374	15.828	15.821	15.840	HH	70909	801583	6.64%	0.119%
375	15.847	15.840	15.883	HH	69892	1755265	14.54%	0.261%
376	15.894	15.883	15.919	HH	70341	1482645	12.29%	0.220%
377	15.924	15.919	15.950	HH	67520	1250585	10.36%	0.186%
378	15.961	15.950	15.980	HH	67876	1165309	9.66%	0.173%
379	15.995	15.980	16.014	HH	67913	1352722	11.21%	0.201%
380	16.022	16.014	16.051	HH	68698	1484798	12.30%	0.221%
381	16.056	16.051	16.071	HH	64240	779555	6.46%	0.116%
382	16.076	16.071	16.099	HH	64886	1083135	8.98%	0.161%
383	16.102	16.099	16.124	HH	63543	935107	7.75%	0.139%
384	16.131	16.124	16.138	HH	62521	495000	4.10%	0.074%
385	16.142	16.138	16.188	HH	62366	1809233	14.99%	0.269%
386	16.195	16.188	16.254	HH	61332	2351829	19.49%	0.350%
387	16.259	16.254	16.266	HH	58883	439821	3.64%	0.065%
388	16.276	16.266	16.281	HH	59031	525319	4.35%	0.078%
389	16.291	16.281	16.297	HH	59724	557504	4.62%	0.083%
390	16.300	16.297	16.319	HH	59209	750977	6.22%	0.112%
391	16.346	16.319	16.351	HH	58496	1119445	9.28%	0.166%
392	16.355	16.351	16.363	HH	58646	394311	3.27%	0.059%
393	16.371	16.363	16.393	HH	58516	1040038	8.62%	0.155%
394	16.399	16.393	16.407	HH	56280	474290	3.93%	0.071%
395	16.449	16.407	16.474	HH	58939	2267790	18.79%	0.337%
396	16.480	16.474	16.487	HH	58152	456906	3.79%	0.068%
397	16.490	16.487	16.504	HH	57636	592077	4.91%	0.088%
398	16.508	16.504	16.522	HH	55763	578355	4.79%	0.086%
399	16.527	16.522	16.537	HH	54893	489418	4.06%	0.073%
400	16.559	16.537	16.598	HH	56169	1973329	16.35%	0.293%
401	16.606	16.598	16.638	HH	53484	1265311	10.48%	0.188%
402	16.652	16.638	16.682	HH	53558	1385250	11.48%	0.206%
403	16.707	16.682	16.738	HH	54789	1766626	14.64%	0.263%
404	16.741	16.738	16.751	HH	52181	392019	3.25%	0.058%

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405	16.757	16.751	16.766	HH	52537	491374	4.07%	0.073%
406	16.776	16.766	16.790	HH	52097	736611	6.10%	0.110%
407	16.794	16.790	16.834	HH	50631	1309295	10.85%	0.195%
408	16.839	16.834	16.859	HH	50252	725467	6.01%	0.108%
409	16.884	16.859	16.889	HH	50325	915895	7.59%	0.136%
410	16.899	16.889	16.911	HH	49397	635958	5.27%	0.095%
411	16.930	16.911	16.956	HH	50489	1338326	11.09%	0.199%
412	16.958	16.956	16.983	HH	49772	778684	6.45%	0.116%
413	16.998	16.983	17.015	HH	48462	910381	7.54%	0.135%
414	17.019	17.015	17.022	HH	47109	212101	1.76%	0.032%
415	17.028	17.022	17.039	HH	47265	487835	4.04%	0.073%
416	17.043	17.039	17.054	HH	47953	419198	3.47%	0.062%
417	17.068	17.054	17.098	HH	48015	1225865	10.16%	0.182%
418	17.113	17.098	17.117	HH	46842	549314	4.55%	0.082%
419	17.138	17.117	17.180	HH	48669	1756879	14.56%	0.261%
420	17.196	17.180	17.212	HH	48264	931944	7.72%	0.139%
421	17.215	17.212	17.241	HH	47282	781404	6.47%	0.116%
422	17.259	17.241	17.276	HH	46504	967347	8.02%	0.144%
423	17.281	17.276	17.300	HH	47275	684396	5.67%	0.102%
424	17.306	17.300	17.344	HH	46388	1194082	9.89%	0.178%
425	17.356	17.344	17.382	HH	46397	1052463	8.72%	0.156%
426	17.401	17.382	17.452	HH	46440	1868425	15.48%	0.278%
427	17.460	17.452	17.472	HH	44955	547572	4.54%	0.081%
428	17.477	17.472	17.499	HH	44736	715020	5.92%	0.106%
429	17.501	17.499	17.511	HH	44455	308873	2.56%	0.046%
430	17.515	17.511	17.573	HH	44898	1632020	13.52%	0.243%
431	17.579	17.573	17.589	HH	43938	409015	3.39%	0.061%
432	17.615	17.589	17.643	HH	45911	1448844	12.01%	0.215%
433	17.647	17.643	17.651	HH	43469	221462	1.84%	0.033%
434	17.660	17.651	17.682	HH	43810	806658	6.68%	0.120%
435	17.695	17.682	17.719	HH	44256	942206	7.81%	0.140%
436	17.723	17.719	17.727	HH	41950	197272	1.63%	0.029%
437	17.742	17.727	17.754	HH	42805	695157	5.76%	0.103%
438	17.765	17.754	17.770	HH	42169	393966	3.26%	0.059%
439	17.776	17.770	17.795	HH	42427	628124	5.20%	0.093%
440	17.807	17.795	17.817	HH	42469	539788	4.47%	0.080%
441	17.839	17.817	17.876	HH	43890	1500215	12.43%	0.223%
442	17.889	17.876	17.899	HH	41468	549001	4.55%	0.082%
443	17.924	17.899	17.947	HH	41600	1197216	9.92%	0.178%
444	17.990	17.947	18.021	HH	46030	1880854	15.59%	0.280%
445	18.037	18.021	18.084	HH	44282	1588258	13.16%	0.236%
446	18.103	18.084	18.136	HH	41381	1252330	10.38%	0.186%
447	18.145	18.136	18.153	HH	40428	423035	3.51%	0.063%
448	18.161	18.153	18.169	HH	40318	380201	3.15%	0.057%
449	18.197	18.169	18.217	HH	45819	1247878	10.34%	0.186%
450	18.225	18.217	18.244	HH	42865	686992	5.69%	0.102%
451	18.258	18.244	18.282	HH	42738	939638	7.79%	0.140%
452	18.299	18.282	18.317	HH	40911	843611	6.99%	0.125%
453	18.322	18.317	18.333	HH	40557	392477	3.25%	0.058%
454	18.356	18.333	18.388	HH	48000	1399017	11.59%	0.208%
455	18.396	18.388	18.409	HH	40268	496936	4.12%	0.074%
456	18.423	18.409	18.429	HH	40080	472116	3.91%	0.070%

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457	18.452	18.429	18.467	HH	40121	919625	7.62%	0.137%
458	18.470	18.467	18.502	HH	39749	812647	6.73%	0.121%
459	18.507	18.502	18.514	HH	39863	289042	2.40%	0.043%
460	18.519	18.514	18.541	HH	40394	633943	5.25%	0.094%
461	18.551	18.541	18.576	HH	39179	818704	6.78%	0.122%
462	18.585	18.576	18.590	HH	38470	303406	2.51%	0.045%
463	18.600	18.590	18.610	HH	38516	460798	3.82%	0.069%
464	18.639	18.610	18.645	HH	40880	840914	6.97%	0.125%
465	18.667	18.645	18.728	HH	43401	2014802	16.70%	0.300%
466	18.786	18.728	18.810	HH	40907	1919563	15.91%	0.285%
467	18.830	18.810	18.856	HH	40520	1082480	8.97%	0.161%
468	18.865	18.856	18.874	HH	38222	402879	3.34%	0.060%
469	18.881	18.874	18.904	HH	38563	675610	5.60%	0.100%
470	18.959	18.904	18.982	HH	39478	1835109	15.21%	0.273%
471	18.988	18.982	18.991	HH	38842	193041	1.60%	0.029%
472	18.997	18.991	19.002	HH	38689	260080	2.16%	0.039%
473	19.066	19.002	19.099	HH	43138	2396374	19.86%	0.356%
474	19.117	19.099	19.146	HH	41394	1137154	9.42%	0.169%
475	19.151	19.146	19.159	HH	39576	303600	2.52%	0.045%
476	19.178	19.159	19.216	HH	40867	1384464	11.47%	0.206%
477	19.221	19.216	19.235	HH	39634	437253	3.62%	0.065%
478	19.244	19.235	19.251	HH	39391	375810	3.11%	0.056%
479	19.266	19.251	19.271	HH	40298	476336	3.95%	0.071%
480	19.277	19.271	19.291	HH	40423	477531	3.96%	0.071%
481	19.297	19.291	19.304	HH	39821	316359	2.62%	0.047%
482	19.308	19.304	19.312	HH	39581	186725	1.55%	0.028%
483	19.333	19.312	19.338	HH	40382	631129	5.23%	0.094%
484	19.341	19.338	19.359	HH	40154	501824	4.16%	0.075%
485	19.371	19.359	19.378	HH	40190	436589	3.62%	0.065%
486	19.401	19.378	19.412	HH	41171	834665	6.92%	0.124%
487	19.450	19.412	19.493	HH	44150	2071970	17.17%	0.308%
488	19.498	19.493	19.527	HH	42810	825751	6.84%	0.123%
489	19.578	19.527	19.589	HH	42094	1558563	12.91%	0.232%
490	19.595	19.589	19.603	HH	42379	355733	2.95%	0.053%
491	19.619	19.603	19.638	HH	43200	883574	7.32%	0.131%
492	19.644	19.638	19.661	HH	41872	564164	4.67%	0.084%
493	19.677	19.661	19.714	HH	42736	1344937	11.14%	0.200%
494	19.717	19.714	19.722	HH	41752	196555	1.63%	0.029%
495	19.789	19.722	19.794	HH	42967	1828602	15.15%	0.272%
496	19.832	19.794	19.859	HH	45058	1722024	14.27%	0.256%
497	19.882	19.859	19.893	HH	44249	890344	7.38%	0.132%
498	19.897	19.893	19.914	HH	43746	543800	4.51%	0.081%
499	19.923	19.914	19.928	HH	43834	357047	2.96%	0.053%
500	19.954	19.928	19.961	HH	44118	874136	7.24%	0.130%
501	19.988	19.961	20.016	HH	47212	1530022	12.68%	0.227%
502	20.052	20.016	20.066	HH	47461	1381178	11.44%	0.205%
503	20.094	20.066	20.106	HH	48072	1139906	9.45%	0.169%
504	20.111	20.106	20.139	HH	48140	954535	7.91%	0.142%
505	20.144	20.139	20.151	HH	47492	330647	2.74%	0.049%
506	20.204	20.151	20.210	HH	49632	1705231	14.13%	0.253%
507	20.212	20.210	20.226	HH	49580	478710	3.97%	0.071%
508	20.258	20.226	20.262	HH	50123	1071639	8.88%	0.159%
509	20.270	20.262	20.276	HH	50197	429260	3.56%	0.064%

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510	20.289	20.276	20.294	HH	50227	533551	4.42%	0.079%
511	20.299	20.294	20.304	HH	50318	300539	2.49%	0.045%
512	20.309	20.304	20.316	HH	50326	358381	2.97%	0.053%
513	20.321	20.316	20.327	HH	50473	320037	2.65%	0.048%
514	20.372	20.327	20.404	HH	53769	2421765	20.07%	0.360%
515	20.413	20.404	20.424	HH	52763	629141	5.21%	0.094%
516	20.431	20.424	20.444	HH	52769	638785	5.29%	0.095%
517	20.454	20.444	20.462	HH	52728	564683	4.68%	0.084%
518	20.466	20.462	20.478	HH	52542	488376	4.05%	0.073%
519	20.483	20.478	20.489	HH	51989	338363	2.80%	0.050%
520	20.518	20.489	20.540	HH	52129	1604288	13.29%	0.238%
521	20.566	20.540	20.575	HH	52596	1091740	9.05%	0.162%
522	20.583	20.575	20.590	HH	52797	454271	3.76%	0.068%
523	20.602	20.590	20.612	HH	52769	712291	5.90%	0.106%
524	20.620	20.612	20.627	HH	52649	472108	3.91%	0.070%
525	20.656	20.627	20.662	HH	52977	1104014	9.15%	0.164%
526	20.666	20.662	20.677	HH	52742	454144	3.76%	0.068%
527	20.681	20.677	20.700	HH	52945	748616	6.20%	0.111%
528	20.746	20.700	20.786	HH	54245	2724444	22.58%	0.405%
529	20.796	20.786	20.826	HH	53093	1265008	10.48%	0.188%
530	20.830	20.826	20.845	HH	52321	599999	4.97%	0.089%
531	20.851	20.845	20.868	HH	51732	709491	5.88%	0.105%
532	20.871	20.868	20.876	HH	51131	235201	1.95%	0.035%
533	20.878	20.876	20.892	HH	51207	487300	4.04%	0.072%
534	20.928	20.892	20.984	HH	52488	2869677	23.78%	0.427%
535	21.006	20.984	21.086	HH	51973	3123620	25.88%	0.464%
536	21.091	21.086	21.094	HH	50601	253373	2.10%	0.038%
537	21.105	21.094	21.133	HH	50857	1191920	9.88%	0.177%
538	21.159	21.133	21.169	HH	50722	1076132	8.92%	0.160%
539	21.174	21.169	21.191	HH	50517	658769	5.46%	0.098%
540	21.196	21.191	21.264	HH	50159	2192718	18.17%	0.326%
541	21.270	21.264	21.273	HH	49676	249375	2.07%	0.037%
542	21.276	21.273	21.279	HH	49604	192642	1.60%	0.029%
543	21.289	21.279	21.359	HH	49818	2346018	19.44%	0.349%
544	21.377	21.359	21.409	HH	49555	1494295	12.38%	0.222%
545	21.417	21.409	21.435	HH	48945	732583	6.07%	0.109%
546	21.439	21.435	21.444	HH	48256	274316	2.27%	0.041%
547	21.451	21.444	21.457	HH	48371	385647	3.20%	0.057%
548	21.461	21.457	21.472	HH	48450	436135	3.61%	0.065%
549	21.481	21.472	21.516	HH	48241	1259899	10.44%	0.187%
550	21.521	21.516	21.565	HH	47736	1376488	11.41%	0.205%
551	21.570	21.565	21.589	HH	47038	681826	5.65%	0.101%
552	21.600	21.589	21.633	HH	46978	1228383	10.18%	0.183%
553	21.662	21.633	21.669	HH	47415	1014367	8.41%	0.151%
554	21.676	21.669	21.697	HH	47402	819934	6.79%	0.122%
555	21.714	21.697	21.740	HH	47669	1227171	10.17%	0.182%
556	21.747	21.740	21.769	HH	47500	802942	6.65%	0.119%
557	21.778	21.769	21.811	HH	47321	1186218	9.83%	0.176%
558	21.826	21.811	21.839	HH	46985	789263	6.54%	0.117%
559	21.889	21.839	21.895	HH	48164	1609105	13.33%	0.239%
560	21.901	21.895	21.932	HH	47992	1061883	8.80%	0.158%
561	21.945	21.932	21.984	HH	47495	1462820	12.12%	0.217%

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Sum of corrected areas: 672677279

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