

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG083122\
 Data File : FG010464.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2022 12:14
 Sample : N4439-01 25X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG082622.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.815	1.800	1.857	BH	1126	12152	0.93%	0.018%
2	1.864	1.857	1.868	PH	-61	-483	-0.04%	-0.001%
3	1.884	1.868	1.898	PH	22	-722	-0.06%	-0.001%
4	1.901	1.898	1.919	PH	15	-710	-0.05%	-0.001%
5	1.926	1.919	1.931	PH	-63	-632	-0.05%	-0.001%
6	1.938	1.931	1.948	PH	-90	-1080	-0.08%	-0.002%
7	1.952	1.948	1.957	PH	-78	-600	-0.05%	-0.001%
8	1.967	1.957	1.976	PH	-55	-1018	-0.08%	-0.002%
9	1.980	1.976	2.003	PH	-67	-1618	-0.12%	-0.002%
10	2.021	2.003	2.057	PH	63	-1659	-0.13%	-0.002%
11	2.082	2.057	2.125	PH	1628	16095	1.23%	0.024%
12	2.145	2.125	2.183	PH	385	4636	0.35%	0.007%
13	2.207	2.183	2.223	PH	117	-936	-0.07%	-0.001%
14	2.236	2.223	2.285	PH	110	-2321	-0.18%	-0.003%
15	2.287	2.285	2.296	PH	-103	-1036	-0.08%	-0.002%
16	2.304	2.296	2.332	PH	-113	-3918	-0.30%	-0.006%
17	2.365	2.332	2.401	PH	220	-1721	-0.13%	-0.003%
18	2.411	2.401	2.436	PH	95	-1054	-0.08%	-0.002%
19	2.442	2.436	2.447	PH	-127	-1051	-0.08%	-0.002%
20	2.475	2.447	2.516	PH	540	6451	0.49%	0.010%
21	2.522	2.516	2.539	PH	-35	-1086	-0.08%	-0.002%
22	2.548	2.539	2.569	PH	-55	-1790	-0.14%	-0.003%
23	2.575	2.569	2.579	PH	-118	-873	-0.07%	-0.001%
24	2.598	2.579	2.602	PH	58	-422	-0.03%	-0.001%
25	2.609	2.602	2.623	PH	92	185	0.01%	0.000%
26	2.627	2.623	2.640	PH	-72	-1012	-0.08%	-0.002%
27	2.645	2.640	2.652	PH	-105	-1034	-0.08%	-0.002%
28	2.694	2.652	2.728	PH	253	1515	0.12%	0.002%
29	2.745	2.728	2.772	PH	685	6547	0.50%	0.010%
30	2.776	2.772	2.783	PH	-14	-494	-0.04%	-0.001%
31	2.793	2.783	2.802	PH	-25	-762	-0.06%	-0.001%
32	2.828	2.802	2.856	PH	90	-38	-0.00%	-0.000%
33	2.859	2.856	2.880	PH	34	-652	-0.05%	-0.001%
34	2.894	2.880	2.899	PH	-22	-621	-0.05%	-0.001%
35	2.904	2.899	2.934	PH	-2	-1248	-0.10%	-0.002%
36	2.938	2.934	2.955	PH	-46	-1012	-0.08%	-0.002%

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37	2.979	2.955	3.013	PH	65	-201	-0.02%	-0.000%
38	3.017	3.013	3.023	PH	-15	-246	-0.02%	-0.000%
39	3.056	3.023	3.091	PH	991	11581	0.89%	0.017%
40	3.100	3.091	3.107	PH	5	-211	-0.02%	-0.000%
41	3.112	3.107	3.133	PH	-28	-1174	-0.09%	-0.002%
42	3.139	3.133	3.143	PH	-19	-455	-0.03%	-0.001%
43	3.170	3.143	3.180	PH	149	728	0.06%	0.001%
44	3.189	3.180	3.210	HH	137	991	0.08%	0.001%
45	3.221	3.210	3.245	PH	120	363	0.03%	0.001%
46	3.265	3.245	3.285	PH	120	893	0.07%	0.001%
47	3.297	3.285	3.312	PH	92	103	0.01%	0.000%
48	3.317	3.312	3.332	PH	-14	-860	-0.07%	-0.001%
49	3.338	3.332	3.343	PH	-70	-552	-0.04%	-0.001%
50	3.362	3.343	3.406	PH	236	1325	0.10%	0.002%
51	3.427	3.406	3.432	PH	-2	-770	-0.06%	-0.001%
52	3.450	3.432	3.482	PH	65	-130	-0.01%	-0.000%
53	3.501	3.482	3.521	PH	265	2437	0.19%	0.004%
54	3.535	3.521	3.556	PH	79	150	0.01%	0.000%
55	3.561	3.556	3.566	PH	-56	-373	-0.03%	-0.001%
56	3.588	3.566	3.613	PH	270	1878	0.14%	0.003%
57	3.637	3.613	3.652	PH	322	2029	0.16%	0.003%
58	3.660	3.652	3.674	HH	221	1284	0.10%	0.002%
59	3.679	3.674	3.709	PH	78	-507	-0.04%	-0.001%
60	3.738	3.709	3.767	PH	321	2108	0.16%	0.003%
61	3.773	3.767	3.779	PH	-20	-320	-0.02%	-0.000%
62	3.785	3.779	3.807	PH	-2	-786	-0.06%	-0.001%
63	3.820	3.807	3.825	PH	79	177	0.01%	0.000%
64	3.843	3.825	3.873	PH	397	5538	0.42%	0.008%
65	3.884	3.873	3.897	HH	230	2381	0.18%	0.004%
66	3.901	3.897	3.907	HH	138	661	0.05%	0.001%
67	3.917	3.907	3.931	HH	156	1780	0.14%	0.003%
68	3.943	3.931	3.984	HH	290	3733	0.29%	0.006%
69	4.028	3.984	4.065	PH	803	12713	0.97%	0.019%
70	4.082	4.065	4.103	HH	232	3181	0.24%	0.005%
71	4.112	4.103	4.122	HH	93	768	0.06%	0.001%
72	4.130	4.122	4.137	HH	152	1041	0.08%	0.002%
73	4.141	4.137	4.161	HH	177	977	0.07%	0.001%
74	4.172	4.161	4.180	PH	74	357	0.03%	0.001%
75	4.199	4.180	4.213	HH	131	1632	0.12%	0.002%
76	4.221	4.213	4.228	HH	129	901	0.07%	0.001%
77	4.234	4.228	4.257	HH	183	2496	0.19%	0.004%
78	4.260	4.257	4.273	HH	129	867	0.07%	0.001%
79	4.281	4.273	4.294	HH	104	961	0.07%	0.001%
80	4.315	4.294	4.332	HH	808	9290	0.71%	0.014%
81	4.342	4.332	4.369	HH	410	4589	0.35%	0.007%
82	4.385	4.369	4.408	HH	295	3316	0.25%	0.005%
83	4.417	4.408	4.437	HH	106	872	0.07%	0.001%
84	4.458	4.437	4.475	PH	335	3479	0.27%	0.005%
85	4.492	4.475	4.496	HH	238	1115	0.09%	0.002%
86	4.500	4.496	4.504	HH	83	357	0.03%	0.001%
87	4.538	4.504	4.563	HH	252	5437	0.42%	0.008%
88	4.566	4.563	4.579	HH	119	627	0.05%	0.001%
89	4.601	4.579	4.638	PH	452	5709	0.44%	0.009%

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90	4.660	4.638	4.668	PH	69	97	0.01%	0.000%
91	4.673	4.668	4.683	PH	92	334	0.03%	0.001%
92	4.688	4.683	4.692	PH	45	144	0.01%	0.000%
93	4.701	4.692	4.713	HH	103	805	0.06%	0.001%
94	4.730	4.713	4.749	HH	193	2555	0.20%	0.004%
95	4.772	4.749	4.799	HH	230	3642	0.28%	0.005%
96	4.814	4.799	4.855	HH	321	3927	0.30%	0.006%
97	4.895	4.855	4.910	PH	165	1570	0.12%	0.002%
98	4.916	4.910	4.925	PH	30	-85	-0.01%	-0.000%
99	4.932	4.925	4.940	PH	6	-252	-0.02%	-0.000%
100	4.945	4.940	4.951	PH	-21	-197	-0.02%	-0.000%
101	4.955	4.951	4.973	PH	28	-196	-0.02%	-0.000%
102	4.993	4.973	5.002	PH	106	480	0.04%	0.001%
103	5.016	5.002	5.021	HH	181	1573	0.12%	0.002%
104	5.029	5.021	5.047	HH	243	2090	0.16%	0.003%
105	5.070	5.047	5.085	PH	324	4388	0.34%	0.007%
106	5.097	5.085	5.105	HH	325	2982	0.23%	0.004%
107	5.117	5.105	5.167	HH	767	11523	0.88%	0.017%
108	5.184	5.167	5.188	PH	33	-85	-0.01%	-0.000%
109	5.202	5.188	5.207	PH	119	630	0.05%	0.001%
110	5.215	5.207	5.224	PH	101	555	0.04%	0.001%
111	5.227	5.224	5.241	HH	66	189	0.01%	0.000%
112	5.260	5.241	5.285	PH	201	2676	0.20%	0.004%
113	5.304	5.285	5.323	HH	309	3582	0.27%	0.005%
114	5.326	5.323	5.352	HH	123	1250	0.10%	0.002%
115	5.385	5.352	5.402	PH	250	3291	0.25%	0.005%
116	5.414	5.402	5.434	HH	122	1043	0.08%	0.002%
117	5.460	5.434	5.493	PH	1076	14010	1.07%	0.021%
118	5.497	5.493	5.523	HH	105	640	0.05%	0.001%
119	5.537	5.523	5.549	PH	188	1478	0.11%	0.002%
120	5.563	5.549	5.601	HH	255	2375	0.18%	0.004%
121	5.607	5.601	5.614	PH	49	-134	-0.01%	-0.000%
122	5.631	5.614	5.645	PH	218	2229	0.17%	0.003%
123	5.649	5.645	5.660	HH	121	940	0.07%	0.001%
124	5.665	5.660	5.677	HH	148	863	0.07%	0.001%
125	5.680	5.677	5.694	HH	86	599	0.05%	0.001%
126	5.698	5.694	5.710	PH	73	505	0.04%	0.001%
127	5.742	5.710	5.751	HH	241	3719	0.28%	0.006%
128	5.771	5.751	5.813	HH	337	5792	0.44%	0.009%
129	5.822	5.813	5.826	PH	70	194	0.01%	0.000%
130	5.837	5.826	5.853	HH	126	1055	0.08%	0.002%
131	5.861	5.853	5.871	HH	60	279	0.02%	0.000%
132	5.876	5.871	5.893	PH	54	163	0.01%	0.000%
133	5.900	5.893	5.917	PH	30	-572	-0.04%	-0.001%
134	5.932	5.917	5.951	PH	51	-261	-0.02%	-0.000%
135	5.956	5.951	5.960	PH	-22	-206	-0.02%	-0.000%
136	5.976	5.960	5.997	PH	115	1275	0.10%	0.002%
137	6.015	5.997	6.041	HH	2129	22619	1.73%	0.034%
138	6.057	6.041	6.061	HH	263	2401	0.18%	0.004%
139	6.065	6.061	6.093	HH	309	2563	0.20%	0.004%
140	6.099	6.093	6.104	PH	31	69	0.01%	0.000%
141	6.116	6.104	6.124	PH	148	1048	0.08%	0.002%

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142	6.137	6.124	6.152	HH	129	1273	0.10%	0.002%
143	6.164	6.152	6.192	HH	132	1155	0.09%	0.002%
144	6.205	6.192	6.238	PH	121	392	0.03%	0.001%
145	6.252	6.238	6.260	PH	78	-153	-0.01%	-0.000%
146	6.279	6.260	6.319	PH	226	2627	0.20%	0.004%
147	6.331	6.319	6.349	PH	123	228	0.02%	0.000%
148	6.375	6.349	6.386	PH	208	2490	0.19%	0.004%
149	6.392	6.386	6.398	HH	239	1437	0.11%	0.002%
150	6.407	6.398	6.411	HH	194	1308	0.10%	0.002%
151	6.427	6.411	6.447	HH	334	4686	0.36%	0.007%
152	6.451	6.447	6.466	HH	118	376	0.03%	0.001%
153	6.494	6.466	6.533	PH	984	12308	0.94%	0.018%
154	6.537	6.533	6.542	HH	69	219	0.02%	0.000%
155	6.560	6.542	6.587	PH	89	1144	0.09%	0.002%
156	6.591	6.587	6.597	PH	43	37	0.00%	0.000%
157	6.601	6.597	6.604	PH	39	64	0.00%	0.000%
158	6.609	6.604	6.624	HH	57	57	0.00%	0.000%
159	6.649	6.624	6.671	PH	580	6261	0.48%	0.009%
160	6.672	6.671	6.711	HH	125	-1036	-0.08%	-0.002%
161	6.723	6.711	6.729	PH	-75	-1268	-0.10%	-0.002%
162	6.742	6.729	6.757	PH	-25	-1297	-0.10%	-0.002%
163	6.766	6.757	6.797	PH	15	-903	-0.07%	-0.001%
164	6.813	6.797	6.828	PH	164	891	0.07%	0.001%
165	6.836	6.828	6.841	PH	41	-62	-0.00%	-0.000%
166	6.845	6.841	6.860	PH	8	-498	-0.04%	-0.001%
167	6.890	6.860	6.902	PH	144	849	0.06%	0.001%
168	6.912	6.902	6.936	PH	84	264	0.02%	0.000%
169	6.943	6.936	6.964	PH	40	-508	-0.04%	-0.001%
170	6.989	6.964	7.000	PH	270	2263	0.17%	0.003%
171	7.021	7.000	7.035	HH	250	3772	0.29%	0.006%
172	7.055	7.035	7.082	HH	273	3809	0.29%	0.006%
173	7.113	7.082	7.157	PH	2225	26454	2.03%	0.040%
174	7.170	7.157	7.178	HH	186	1507	0.12%	0.002%
175	7.184	7.178	7.191	HH	120	722	0.06%	0.001%
176	7.215	7.191	7.232	HH	964	11178	0.86%	0.017%
177	7.248	7.232	7.293	HH	1726	18362	1.41%	0.028%
178	7.307	7.293	7.327	PH	123	752	0.06%	0.001%
179	7.339	7.327	7.344	PH	-30	-625	-0.05%	-0.001%
180	7.371	7.344	7.382	PH	52	-1054	-0.08%	-0.002%
181	7.403	7.382	7.425	PH	160	1120	0.09%	0.002%
182	7.442	7.425	7.473	HH	947	9251	0.71%	0.014%
183	7.497	7.473	7.529	PH	232	2180	0.17%	0.003%
184	7.543	7.529	7.552	PH	81	462	0.04%	0.001%
185	7.568	7.552	7.591	HH	106	341	0.03%	0.001%
186	7.611	7.591	7.637	PH	215	1846	0.14%	0.003%
187	7.641	7.637	7.677	PH	34	-544	-0.04%	-0.001%
188	7.686	7.677	7.693	PH	44	-254	-0.02%	-0.000%
189	7.713	7.693	7.737	PH	187	1150	0.09%	0.002%
190	7.774	7.737	7.790	PH	175	378	0.03%	0.001%
191	7.818	7.790	7.833	PH	112	1182	0.09%	0.002%
192	7.860	7.833	7.890	HH	706	11221	0.86%	0.017%
193	7.903	7.890	7.925	HH	296	4098	0.31%	0.006%
194	7.929	7.925	7.957	HH	97	1393	0.11%	0.002%

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195	8.014	7.957	8.035	HH	715	14705	1.13%	0.022%
196	8.042	8.035	8.057	HH	459	4264	0.33%	0.006%
197	8.068	8.057	8.087	HH	244	3226	0.25%	0.005%
198	8.109	8.087	8.118	HH	789	8627	0.66%	0.013%
199	8.143	8.118	8.165	HH	921	17668	1.35%	0.026%
200	8.184	8.165	8.201	HH	366	6021	0.46%	0.009%
201	8.229	8.201	8.244	HH	1888	25281	1.94%	0.038%
202	8.257	8.244	8.275	HH	1353	17221	1.32%	0.026%
203	8.295	8.275	8.301	HH	843	10330	0.79%	0.015%
204	8.324	8.301	8.355	HH	1592	30556	2.34%	0.046%
205	8.377	8.355	8.395	HH	1521	24275	1.86%	0.036%
206	8.408	8.395	8.443	HH	1291	23018	1.76%	0.035%
207	8.465	8.443	8.487	HH	952	15297	1.17%	0.023%
208	8.502	8.487	8.523	HH	601	9802	0.75%	0.015%
209	8.526	8.523	8.541	HH	341	3021	0.23%	0.005%
210	8.564	8.541	8.582	HH	447	8144	0.62%	0.012%
211	8.591	8.582	8.633	HH	381	6917	0.53%	0.010%
212	8.706	8.633	8.736	HH	1386	36982	2.83%	0.055%
213	8.762	8.736	8.787	HH	1148	22652	1.73%	0.034%
214	8.799	8.787	8.808	HH	616	7154	0.55%	0.011%
215	8.825	8.808	8.846	HH	868	15271	1.17%	0.023%
216	8.864	8.846	8.896	HH	1378	22249	1.70%	0.033%
217	8.904	8.896	8.922	HH	429	6404	0.49%	0.010%
218	8.930	8.922	8.938	HH	569	4864	0.37%	0.007%
219	8.954	8.938	8.970	HH	945	13320	1.02%	0.020%
220	8.987	8.970	9.016	HH	1503	24877	1.90%	0.037%
221	9.055	9.016	9.091	HH	1306	38288	2.93%	0.057%
222	9.095	9.091	9.108	HH	614	5569	0.43%	0.008%
223	9.124	9.108	9.133	HH	959	10930	0.84%	0.016%
224	9.150	9.133	9.200	HH	1638	38103	2.92%	0.057%
225	9.222	9.200	9.227	HH	475	6528	0.50%	0.010%
226	9.233	9.227	9.253	HH	521	6212	0.48%	0.009%
227	9.281	9.253	9.298	HH	1042	16821	1.29%	0.025%
228	9.312	9.298	9.335	HH	857	13472	1.03%	0.020%
229	9.341	9.335	9.355	HH	561	6027	0.46%	0.009%
230	9.360	9.355	9.380	HH	537	7067	0.54%	0.011%
231	9.416	9.380	9.435	HH	1229	25319	1.94%	0.038%
232	9.443	9.435	9.470	HH	624	11535	0.88%	0.017%
233	9.497	9.470	9.507	HH	1516	22621	1.73%	0.034%
234	9.521	9.507	9.549	HH	1311	22914	1.75%	0.034%
235	9.578	9.549	9.595	HH	1617	26374	2.02%	0.040%
236	9.608	9.595	9.635	HH	1008	19394	1.48%	0.029%
237	9.654	9.635	9.669	HH	840	14993	1.15%	0.022%
238	9.686	9.669	9.695	HH	927	12595	0.96%	0.019%
239	9.707	9.695	9.729	HH	1075	17496	1.34%	0.026%
240	9.756	9.729	9.772	HH	701	16636	1.27%	0.025%
241	9.777	9.772	9.781	HH	642	3160	0.24%	0.005%
242	9.784	9.781	9.796	HH	599	5104	0.39%	0.008%
243	9.822	9.796	9.861	HH	1199	31779	2.43%	0.048%
244	9.869	9.861	9.877	HH	820	7684	0.59%	0.012%
245	9.881	9.877	9.892	HH	805	6607	0.51%	0.010%
246	9.929	9.892	9.966	HH	2325	53403	4.09%	0.080%

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247	9.981	9.966	10.002	HH	908	16331	1.25%	0.024%
248	10.019	10.002	10.052	HH	816	21348	1.63%	0.032%
249	10.066	10.052	10.071	HH	639	6393	0.49%	0.010%
250	10.088	10.071	10.127	HH	888	23747	1.82%	0.036%
251	10.131	10.127	10.138	HH	596	4099	0.31%	0.006%
252	10.161	10.138	10.177	HH	661	13736	1.05%	0.021%
253	10.212	10.177	10.226	HH	739	19114	1.46%	0.029%
254	10.246	10.226	10.262	HH	892	16527	1.27%	0.025%
255	10.277	10.262	10.293	HH	1132	17476	1.34%	0.026%
256	10.322	10.293	10.342	HH	1299	30256	2.32%	0.045%
257	10.374	10.342	10.400	HH	1441	40024	3.06%	0.060%
258	10.421	10.400	10.447	HH	1367	32426	2.48%	0.049%
259	10.458	10.447	10.482	HH	1045	19821	1.52%	0.030%
260	10.499	10.482	10.533	HH	1310	33860	2.59%	0.051%
261	10.555	10.533	10.589	HH	1541	41987	3.21%	0.063%
262	10.597	10.589	10.611	HH	1110	13615	1.04%	0.020%
263	10.630	10.611	10.647	HH	1199	23306	1.78%	0.035%
264	10.671	10.647	10.691	HH	3110	51053	3.91%	0.077%
265	10.704	10.691	10.720	HH	1802	28201	2.16%	0.042%
266	10.743	10.720	10.783	HH	2934	71189	5.45%	0.107%
267	10.804	10.783	10.829	HH	1495	35245	2.70%	0.053%
268	10.850	10.829	10.859	HH	1317	22143	1.70%	0.033%
269	10.867	10.859	10.874	HH	1344	11604	0.89%	0.017%
270	10.897	10.874	10.948	HH	5721	110866	8.49%	0.166%
271	10.974	10.948	11.021	HH	2834	76802	5.88%	0.115%
272	11.026	11.021	11.038	HH	1325	13795	1.06%	0.021%
273	11.058	11.038	11.073	HH	1359	27331	2.09%	0.041%
274	11.085	11.073	11.103	HH	1392	24513	1.88%	0.037%
275	11.110	11.103	11.115	HH	1335	9088	0.70%	0.014%
276	11.124	11.115	11.129	HH	1335	11018	0.84%	0.017%
277	11.150	11.129	11.162	HH	1397	25590	1.96%	0.038%
278	11.168	11.162	11.173	HH	1336	9269	0.71%	0.014%
279	11.205	11.173	11.236	HH	1896	60831	4.66%	0.091%
280	11.256	11.236	11.278	HH	1574	37538	2.87%	0.056%
281	11.303	11.278	11.324	HH	1737	45462	3.48%	0.068%
282	11.339	11.324	11.343	HH	1639	17821	1.36%	0.027%
283	11.346	11.343	11.353	HH	1627	10121	0.77%	0.015%
284	11.375	11.353	11.405	HH	2722	62913	4.82%	0.094%
285	11.421	11.405	11.448	HH	1962	46724	3.58%	0.070%
286	11.464	11.448	11.486	HH	1933	40041	3.07%	0.060%
287	11.505	11.486	11.530	HH	1864	45685	3.50%	0.068%
288	11.552	11.530	11.579	HH	1973	53437	4.09%	0.080%
289	11.594	11.579	11.624	HH	1813	45713	3.50%	0.069%
290	11.664	11.624	11.672	HH	1897	50012	3.83%	0.075%
291	11.703	11.672	11.717	HH	2818	60520	4.63%	0.091%
292	11.734	11.717	11.779	HH	3430	91265	6.99%	0.137%
293	11.810	11.779	11.833	HH	3004	78817	6.03%	0.118%
294	11.850	11.833	11.866	HH	3388	55462	4.25%	0.083%
295	11.881	11.866	11.909	HH	3144	68205	5.22%	0.102%
296	11.923	11.909	11.930	HH	2174	26654	2.04%	0.040%
297	11.935	11.930	11.942	HH	2117	14176	1.09%	0.021%
298	11.969	11.942	11.986	HH	2388	58200	4.46%	0.087%
299	12.061	11.986	12.127	HH	8465	304524	23.31%	0.456%

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300	12.132	12.127	12.138	HH	2486	16478	1.26%	0.025%
301	12.144	12.138	12.154	HH	2469	22971	1.76%	0.034%
302	12.177	12.154	12.211	HH	3390	94400	7.23%	0.142%
303	12.214	12.211	12.220	HH	2547	14361	1.10%	0.022%
304	12.231	12.220	12.265	HH	2697	68636	5.25%	0.103%
305	12.292	12.265	12.311	HH	2899	72169	5.52%	0.108%
306	12.322	12.311	12.336	HH	2784	40099	3.07%	0.060%
307	12.352	12.336	12.368	HH	2886	53626	4.11%	0.080%
308	12.382	12.368	12.398	HH	2819	47347	3.62%	0.071%
309	12.421	12.398	12.426	HH	2994	48454	3.71%	0.073%
310	12.432	12.426	12.443	HH	3026	31737	2.43%	0.048%
311	12.447	12.443	12.468	HH	3091	43652	3.34%	0.065%
312	12.472	12.468	12.476	HH	2827	12610	0.97%	0.019%
313	12.500	12.476	12.505	HH	3348	54479	4.17%	0.082%
314	12.509	12.505	12.536	HH	3335	58593	4.49%	0.088%
315	12.566	12.536	12.580	HH	3194	79559	6.09%	0.119%
316	12.602	12.580	12.625	HH	4432	102247	7.83%	0.153%
317	12.635	12.625	12.654	HH	3754	62066	4.75%	0.093%
318	12.685	12.654	12.694	HH	4380	93591	7.16%	0.140%
319	12.714	12.694	12.770	HH	12244	259594	19.87%	0.389%
320	12.774	12.770	12.804	HH	3307	66441	5.09%	0.100%
321	12.823	12.804	12.833	HH	3361	57398	4.39%	0.086%
322	12.855	12.833	12.866	HH	3568	67486	5.17%	0.101%
323	12.896	12.866	12.913	HH	3885	104132	7.97%	0.156%
324	12.939	12.913	12.948	HH	4021	79588	6.09%	0.119%
325	12.952	12.948	12.982	HH	3944	76152	5.83%	0.114%
326	13.009	12.982	13.039	HH	10837	210792	16.14%	0.316%
327	13.074	13.039	13.081	HH	4361	104020	7.96%	0.156%
328	13.103	13.081	13.123	HH	5045	115258	8.82%	0.173%
329	13.133	13.123	13.145	HH	4163	52387	4.01%	0.079%
330	13.190	13.145	13.194	HH	4574	123551	9.46%	0.185%
331	13.208	13.194	13.247	HH	4616	139775	10.70%	0.210%
332	13.257	13.247	13.263	HH	4209	40368	3.09%	0.061%
333	13.299	13.263	13.327	HH	6033	195806	14.99%	0.294%
334	13.350	13.327	13.381	HH	5131	155137	11.88%	0.233%
335	13.415	13.381	13.425	HH	5089	126701	9.70%	0.190%
336	13.440	13.425	13.459	HH	5281	104498	8.00%	0.157%
337	13.483	13.459	13.502	HH	5376	131902	10.10%	0.198%
338	13.520	13.502	13.532	HH	5154	91043	6.97%	0.136%
339	13.534	13.532	13.539	HH	5144	22224	1.70%	0.033%
340	13.547	13.539	13.552	HH	5206	39255	3.01%	0.059%
341	13.604	13.552	13.641	HH	7895	319833	24.48%	0.479%
342	13.679	13.641	13.688	HH	5770	160521	12.29%	0.241%
343	13.710	13.688	13.736	HH	7394	187041	14.32%	0.280%
344	13.744	13.736	13.769	HH	6629	125608	9.62%	0.188%
345	13.807	13.769	13.818	HH	6308	181908	13.93%	0.273%
346	13.841	13.818	13.845	HH	6665	103949	7.96%	0.156%
347	13.881	13.845	13.902	HH	7998	242361	18.55%	0.363%
348	13.915	13.902	13.952	HH	7160	203361	15.57%	0.305%
349	13.975	13.952	13.983	HH	6705	123409	9.45%	0.185%
350	14.004	13.983	14.007	HH	6864	97247	7.44%	0.146%
351	14.014	14.007	14.027	HH	6874	78911	6.04%	0.118%

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352	14.042	14.027	14.051	HH	6997	102010	7.81%	0.153%
353	14.074	14.051	14.091	HH	7309	166922	12.78%	0.250%
354	14.104	14.091	14.120	HH	7338	127241	9.74%	0.191%
355	14.143	14.120	14.148	HH	7402	123386	9.45%	0.185%
356	14.156	14.148	14.162	HH	7477	58926	4.51%	0.088%
357	14.189	14.162	14.193	HH	7948	144719	11.08%	0.217%
358	14.197	14.193	14.209	HH	7944	74326	5.69%	0.111%
359	14.227	14.209	14.239	HH	8029	142239	10.89%	0.213%
360	14.302	14.239	14.313	HH	9106	383017	29.32%	0.574%
361	14.318	14.313	14.325	HH	8779	61562	4.71%	0.092%
362	14.343	14.325	14.366	HH	9336	221628	16.97%	0.332%
363	14.371	14.366	14.389	HH	8880	121684	9.32%	0.182%
364	14.393	14.389	14.398	HH	8694	47372	3.63%	0.071%
365	14.401	14.398	14.408	HH	8673	51683	3.96%	0.077%
366	14.445	14.408	14.467	HH	10214	329063	25.19%	0.493%
367	14.500	14.467	14.554	HH	12554	555047	42.49%	0.832%
368	14.579	14.554	14.608	HH	11004	331689	25.39%	0.497%
369	14.629	14.608	14.632	HH	10137	142994	10.95%	0.214%
370	14.645	14.632	14.662	HH	10540	185314	14.19%	0.278%
371	14.678	14.662	14.696	HH	10686	207402	15.88%	0.311%
372	14.712	14.696	14.723	HH	10627	168346	12.89%	0.252%
373	14.736	14.723	14.748	HH	10694	158054	12.10%	0.237%
374	14.785	14.748	14.817	HH	15420	510869	39.11%	0.766%
375	14.842	14.817	14.853	HH	11559	242344	18.55%	0.363%
376	14.890	14.853	14.908	HH	14236	413160	31.63%	0.619%
377	14.930	14.908	14.966	HH	27795	621892	47.61%	0.932%
378	14.984	14.966	15.013	HH	13172	350084	26.80%	0.525%
379	15.051	15.013	15.075	HH	13133	471125	36.07%	0.706%
380	15.081	15.075	15.105	HH	12808	227516	17.42%	0.341%
381	15.125	15.105	15.136	HH	12945	236045	18.07%	0.354%
382	15.144	15.136	15.166	HH	13178	232031	17.76%	0.348%
383	15.212	15.166	15.216	HH	13781	399624	30.59%	0.599%
384	15.221	15.216	15.239	HH	13838	190123	14.55%	0.285%
385	15.246	15.239	15.253	HH	13709	109170	8.36%	0.164%
386	15.260	15.253	15.268	HH	13824	123430	9.45%	0.185%
387	15.272	15.268	15.285	HH	13977	143359	10.97%	0.215%
388	15.295	15.285	15.302	HH	13762	141230	10.81%	0.212%
389	15.324	15.302	15.328	HH	14466	222148	17.01%	0.333%
390	15.376	15.328	15.396	HH	17167	627964	48.07%	0.941%
391	15.412	15.396	15.431	HH	15339	316906	24.26%	0.475%
392	15.436	15.431	15.447	HH	14869	133522	10.22%	0.200%
393	15.473	15.447	15.489	HH	15278	383181	29.33%	0.574%
394	15.508	15.489	15.523	HH	16130	313934	24.03%	0.471%
395	15.528	15.523	15.538	HH	15813	148707	11.38%	0.223%
396	15.562	15.538	15.588	HH	19441	520938	39.88%	0.781%
397	15.599	15.588	15.625	HH	16730	360049	27.56%	0.540%
398	15.633	15.625	15.641	HH	15904	150359	11.51%	0.225%
399	15.647	15.641	15.651	HH	16127	98155	7.51%	0.147%
400	15.660	15.651	15.668	HH	16222	166988	12.78%	0.250%
401	15.693	15.668	15.697	HH	16909	279905	21.43%	0.420%
402	15.735	15.697	15.762	HH	17999	680882	52.13%	1.021%
403	15.767	15.762	15.774	HH	17529	127761	9.78%	0.192%
404	15.779	15.774	15.786	HH	17402	123383	9.45%	0.185%

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405	15.814	15.786	15.820	HH	18284	365519	27.98%	0.548%
406	15.825	15.820	15.835	HH	18151	166824	12.77%	0.250%
407	15.841	15.835	15.851	HH	17883	163883	12.55%	0.246%
408	15.859	15.851	15.866	HH	17881	158605	12.14%	0.238%
409	15.889	15.866	15.893	HH	18573	291957	22.35%	0.438%
410	15.898	15.893	15.923	HH	18777	340904	26.10%	0.511%
411	15.945	15.923	15.952	HH	18650	313374	23.99%	0.470%
412	15.956	15.952	15.963	HH	18566	128968	9.87%	0.193%
413	15.976	15.963	15.987	HH	18722	264458	20.25%	0.396%
414	16.007	15.987	16.032	HH	19892	518940	39.73%	0.778%
415	16.044	16.032	16.050	HH	19398	209186	16.01%	0.314%
416	16.063	16.050	16.079	HH	19639	339652	26.00%	0.509%
417	16.088	16.079	16.107	HH	19613	317953	24.34%	0.477%
418	16.115	16.107	16.125	HH	19390	211290	16.18%	0.317%
419	16.128	16.125	16.133	HH	19443	87402	6.69%	0.131%
420	16.144	16.133	16.149	HH	19710	195115	14.94%	0.292%
421	16.189	16.149	16.197	HH	21161	587996	45.01%	0.881%
422	16.201	16.197	16.210	HH	21112	162494	12.44%	0.244%
423	16.225	16.210	16.229	HH	20851	241961	18.52%	0.363%
424	16.254	16.229	16.259	HH	21399	367802	28.16%	0.551%
425	16.273	16.259	16.281	HH	21511	281426	21.54%	0.422%
426	16.292	16.281	16.310	HH	21791	377235	28.88%	0.565%
427	16.315	16.310	16.323	HH	21642	166932	12.78%	0.250%
428	16.336	16.323	16.340	HH	21794	221233	16.94%	0.332%
429	16.353	16.340	16.358	HH	22062	235243	18.01%	0.353%
430	16.387	16.358	16.411	HH	23445	719194	55.06%	1.078%
431	16.419	16.411	16.423	HH	22311	164303	12.58%	0.246%
432	16.446	16.423	16.465	HH	26462	613528	46.97%	0.920%
433	16.475	16.465	16.515	HH	24403	696647	53.33%	1.044%
434	16.527	16.515	16.538	HH	23017	324037	24.81%	0.486%
435	16.554	16.538	16.576	HH	23624	521009	39.89%	0.781%
436	16.583	16.576	16.604	HH	23526	398736	30.53%	0.598%
437	16.631	16.604	16.640	HH	23895	511040	39.12%	0.766%
438	16.661	16.640	16.670	HH	24580	426504	32.65%	0.639%
439	16.680	16.670	16.686	HH	24638	232089	17.77%	0.348%
440	16.691	16.686	16.698	HH	24293	175886	13.47%	0.264%
441	16.707	16.698	16.715	HH	24336	246177	18.85%	0.369%
442	16.762	16.715	16.791	HH	27484	1168124	89.43%	1.751%
443	16.828	16.791	16.849	HH	26942	896651	68.64%	1.344%
444	16.860	16.849	16.877	HH	25428	422789	32.37%	0.634%
445	16.898	16.877	16.904	HH	25241	403346	30.88%	0.605%
446	16.930	16.904	16.936	HH	26394	497406	38.08%	0.746%
447	16.962	16.936	16.981	HH	28599	724221	55.44%	1.086%
448	16.996	16.981	17.006	HH	26243	390647	29.91%	0.586%
449	17.014	17.006	17.019	HH	26224	198375	15.19%	0.297%
450	17.028	17.019	17.034	HH	26370	240536	18.41%	0.361%
451	17.039	17.034	17.047	HH	26563	201078	15.39%	0.301%
452	17.065	17.047	17.073	HH	26599	421328	32.25%	0.632%
453	17.088	17.073	17.099	HH	26886	412912	31.61%	0.619%
454	17.107	17.099	17.118	HH	27054	308800	23.64%	0.463%
455	17.131	17.118	17.147	HH	27500	471213	36.07%	0.706%
456	17.169	17.147	17.193	HH	28671	776533	59.45%	1.164%

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457	17.203	17.193	17.223	HH	27866	487719	37.34%	0.731%
458	17.250	17.223	17.272	HH	27663	796723	60.99%	1.194%
459	17.286	17.272	17.302	HH	27955	492621	37.71%	0.738%
460	17.336	17.302	17.352	HH	28907	842870	64.53%	1.263%
461	17.357	17.352	17.381	HH	28141	487351	37.31%	0.731%
462	17.411	17.381	17.436	HH	29212	922945	70.66%	1.383%
463	17.440	17.436	17.448	HH	27617	202072	15.47%	0.303%
464	17.464	17.448	17.477	HH	28267	475993	36.44%	0.714%
465	17.481	17.477	17.485	HH	28074	144524	11.06%	0.217%
466	17.493	17.485	17.498	HH	28232	216529	16.58%	0.325%
467	17.508	17.498	17.514	HH	28535	272334	20.85%	0.408%
468	17.522	17.514	17.530	HH	29133	269552	20.64%	0.404%
469	17.547	17.530	17.573	HH	28585	723544	55.39%	1.085%
470	17.580	17.573	17.584	HH	28292	196680	15.06%	0.295%
471	17.597	17.584	17.616	HH	28374	530712	40.63%	0.796%
472	17.633	17.616	17.642	HH	28843	453775	34.74%	0.680%
473	17.650	17.642	17.661	HH	28735	316829	24.25%	0.475%
474	17.665	17.661	17.676	HH	28723	251233	19.23%	0.377%
475	17.682	17.676	17.687	HH	28578	189914	14.54%	0.285%
476	17.694	17.687	17.700	HH	28505	226321	17.33%	0.339%
477	17.724	17.700	17.751	HH	29523	878216	67.23%	1.316%
478	17.753	17.751	17.760	HH	28965	158188	12.11%	0.237%
479	17.786	17.760	17.790	HH	29268	516517	39.54%	0.774%
480	17.812	17.790	17.817	HH	30289	482742	36.96%	0.724%
481	17.822	17.817	17.832	HH	30047	267944	20.51%	0.402%
482	17.848	17.832	17.866	HH	30806	612375	46.88%	0.918%
483	17.875	17.866	17.879	HH	28965	227446	17.41%	0.341%
484	17.900	17.879	17.918	HH	30109	693840	53.12%	1.040%
485	17.925	17.918	17.928	HH	29935	173905	13.31%	0.261%
486	17.933	17.928	17.938	HH	29939	185534	14.20%	0.278%
487	17.950	17.938	17.953	HH	30630	273208	20.92%	0.410%
488	17.963	17.953	17.979	HH	30785	474706	36.34%	0.712%
489	17.992	17.979	18.003	HH	30613	436889	33.45%	0.655%
490	18.015	18.003	18.032	HH	30083	505639	38.71%	0.758%
491	18.046	18.032	18.051	HH	29941	340834	26.09%	0.511%
492	18.066	18.051	18.084	HH	30137	595598	45.60%	0.893%
493	18.101	18.084	18.105	HH	29793	371104	28.41%	0.556%
494	18.110	18.105	18.116	HH	29933	192765	14.76%	0.289%
495	18.142	18.116	18.150	HH	31324	629601	48.20%	0.944%
496	18.154	18.150	18.179	HH	30921	527084	40.35%	0.790%
497	18.204	18.179	18.223	HH	31993	827651	63.36%	1.241%
498	18.232	18.223	18.241	HH	30776	317855	24.33%	0.476%
499	18.247	18.241	18.258	HH	30802	325655	24.93%	0.488%
500	18.277	18.258	18.297	HH	31857	712376	54.54%	1.068%
501	18.335	18.297	18.352	HH	32244	1040324	79.64%	1.559%
502	18.365	18.352	18.387	HH	31545	647391	49.56%	0.970%
503	18.394	18.387	18.403	HH	30965	294774	22.57%	0.442%
504	18.408	18.403	18.417	HH	30719	242133	18.54%	0.363%
505	18.444	18.417	18.449	HH	32382	611195	46.79%	0.916%
506	18.453	18.449	18.466	HH	32188	327303	25.06%	0.491%
507	18.485	18.466	18.508	HH	31593	768091	58.80%	1.151%
508	18.552	18.508	18.578	HH	31564	1306245	100.00%	1.958%
509	18.584	18.578	18.611	HH	31641	621365	47.57%	0.931%

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510	18.615	18.611	18.636	HH	31289	465609	35.64%	0.698%
511	18.649	18.636	18.654	HH	31447	343801	26.32%	0.515%
					Sum of corrected areas:	66712097		

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