

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090922\
 Data File : FG010548.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2022 15:01
 Sample : N4539-04
 Misc :
 ALS Vial : 7 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	1.761	1.750	1.775	BH	140	730	0.01%	0.000%
2	1.782	1.775	1.795	PH	20	-258	-0.00%	-0.000%
3	1.809	1.795	1.851	PH	77	-2154	-0.02%	-0.000%
4	1.857	1.851	1.862	PH	-165	-1121	-0.01%	-0.000%
5	1.879	1.862	1.895	PH	-93	-2763	-0.02%	-0.000%
6	1.901	1.895	1.937	PH	-145	-6091	-0.04%	-0.001%
7	1.941	1.937	1.956	PH	-277	-3491	-0.02%	-0.000%
8	1.964	1.956	1.979	PH	-267	-4086	-0.03%	-0.001%
9	2.001	1.979	2.039	PH	121	-4041	-0.03%	-0.001%
10	2.045	2.039	2.052	PH	-250	-2285	-0.02%	-0.000%
11	2.073	2.052	2.118	PH	2461	23152	0.16%	0.003%
12	2.139	2.118	2.196	PH	142	-5394	-0.04%	-0.001%
13	2.204	2.196	2.208	PH	-240	-1995	-0.01%	-0.000%
14	2.212	2.208	2.224	PH	-240	-2634	-0.02%	-0.000%
15	2.229	2.224	2.233	PH	-245	-1381	-0.01%	-0.000%
16	2.244	2.233	2.250	PH	-210	-2468	-0.02%	-0.000%
17	2.257	2.250	2.263	PH	-214	-1705	-0.01%	-0.000%
18	2.266	2.263	2.279	PH	-221	-2408	-0.02%	-0.000%
19	2.283	2.279	2.288	PH	-198	-1252	-0.01%	-0.000%
20	2.293	2.288	2.296	PH	-217	-1185	-0.01%	-0.000%
21	2.300	2.296	2.307	PH	-220	-1660	-0.01%	-0.000%
22	2.315	2.307	2.327	PH	-213	-3085	-0.02%	-0.000%
23	2.358	2.327	2.394	PH	4071	41383	0.29%	0.006%
24	2.401	2.394	2.426	PH	-39	-3307	-0.02%	-0.000%
25	2.466	2.426	2.525	PH	18320	235725	1.66%	0.031%
26	2.551	2.525	2.571	PH	-23	-3572	-0.03%	-0.000%
27	2.577	2.571	2.581	PH	-197	-1246	-0.01%	-0.000%
28	2.586	2.581	2.597	PH	-169	-1873	-0.01%	-0.000%
29	2.607	2.597	2.617	PH	-187	-2612	-0.02%	-0.000%
30	2.622	2.617	2.641	PH	-163	-3274	-0.02%	-0.000%
31	2.671	2.641	2.676	PH	-0	-3194	-0.02%	-0.000%
32	2.682	2.676	2.696	PH	40	-700	-0.00%	-0.000%
33	2.700	2.696	2.720	PH	-70	-1991	-0.01%	-0.000%
34	2.737	2.720	2.769	PH	46	-4599	-0.03%	-0.001%
35	2.790	2.769	2.816	PH	104	-1774	-0.01%	-0.000%
36	2.822	2.816	2.828	PH	-82	-888	-0.01%	-0.000%

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37	2.833	2.828	2.839	PH	-153	-1114	-0.01%	-0.000%
38	2.854	2.839	2.865	PH	-146	-3343	-0.02%	-0.000%
39	2.880	2.865	2.884	PH	-255	-3179	-0.02%	-0.000%
40	2.909	2.884	2.942	PH	144	-2509	-0.02%	-0.000%
41	2.948	2.942	2.956	PH	-104	-1155	-0.01%	-0.000%
42	2.978	2.956	3.028	PH	245	2236	0.02%	0.000%
43	3.046	3.028	3.080	PH	143	1038	0.01%	0.000%
44	3.094	3.080	3.138	PH	118	-706	-0.00%	-0.000%
45	3.142	3.138	3.146	PH	-140	-781	-0.01%	-0.000%
46	3.161	3.146	3.213	PH	68	-4734	-0.03%	-0.001%
47	3.240	3.213	3.255	PH	59	-1749	-0.01%	-0.000%
48	3.266	3.255	3.327	PH	38	-6871	-0.05%	-0.001%
49	3.340	3.327	3.346	PH	185	-2191	-0.02%	-0.000%
50	3.357	3.346	3.364	PH	-46	-1202	-0.01%	-0.000%
51	3.369	3.364	3.379	PH	-54	-838	-0.01%	-0.000%
52	3.396	3.379	3.428	PH	933	7377	0.05%	0.001%
53	3.433	3.428	3.438	PH	-157	-1123	-0.01%	-0.000%
54	3.446	3.438	3.458	PH	-147	-2511	-0.02%	-0.000%
55	3.462	3.458	3.476	PH	-206	-2933	-0.02%	-0.000%
56	3.495	3.476	3.515	PH	221	-490	-0.00%	-0.000%
57	3.546	3.515	3.564	PH	16	-2881	-0.02%	-0.000%
58	3.581	3.564	3.598	PH	-66	-2604	-0.02%	-0.000%
59	3.604	3.598	3.609	PH	-102	-758	-0.01%	-0.000%
60	3.614	3.609	3.620	PH	-43	-508	-0.00%	-0.000%
61	3.632	3.620	3.645	PH	-14	-1312	-0.01%	-0.000%
62	3.652	3.645	3.663	PH	-140	-1960	-0.01%	-0.000%
63	3.669	3.663	3.704	PH	-159	-6011	-0.04%	-0.001%
64	3.734	3.704	3.768	PH	-45	-6945	-0.05%	-0.001%
65	3.788	3.768	3.809	PH	33	-1850	-0.01%	-0.000%
66	3.814	3.809	3.827	PH	-67	-1078	-0.01%	-0.000%
67	3.862	3.827	3.896	PH	3413	50937	0.36%	0.007%
68	3.906	3.896	3.923	HH	897	11734	0.08%	0.002%
69	3.932	3.923	3.996	HH	582	10199	0.07%	0.001%
70	4.029	3.996	4.054	PH	621	11362	0.08%	0.002%
71	4.073	4.054	4.107	HH	696	11485	0.08%	0.002%
72	4.119	4.107	4.144	HH	216	2508	0.02%	0.000%
73	4.148	4.144	4.163	PH	-3	-859	-0.01%	-0.000%
74	4.177	4.163	4.220	PH	63	-993	-0.01%	-0.000%
75	4.240	4.220	4.263	PH	20	-1503	-0.01%	-0.000%
76	4.280	4.263	4.285	PH	-84	-1717	-0.01%	-0.000%
77	4.309	4.285	4.333	PH	725	6957	0.05%	0.001%
78	4.336	4.333	4.362	HH	121	-670	-0.00%	-0.000%
79	4.382	4.362	4.397	PH	60	-358	-0.00%	-0.000%
80	4.414	4.397	4.444	PH	498	2955	0.02%	0.000%
81	4.478	4.444	4.506	PH	762	10806	0.08%	0.001%
82	4.521	4.506	4.554	HH	940	8937	0.06%	0.001%
83	4.560	4.554	4.574	PH	-21	-1749	-0.01%	-0.000%
84	4.593	4.574	4.629	PH	182	-401	-0.00%	-0.000%
85	4.634	4.629	4.640	PH	-38	-593	-0.00%	-0.000%
86	4.646	4.640	4.652	PH	-91	-897	-0.01%	-0.000%
87	4.674	4.652	4.687	PH	43	-828	-0.01%	-0.000%
88	4.697	4.687	4.702	PH	-2	-388	-0.00%	-0.000%
89	4.706	4.702	4.710	PH	-4	-43	-0.00%	-0.000%

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90	4.727	4.710	4.747	PH	192	1788	0.01%	0.000%
91	4.769	4.747	4.776	PH	154	1194	0.01%	0.000%
92	4.779	4.776	4.792	HH	168	1130	0.01%	0.000%
93	4.810	4.792	4.856	HH	476	6304	0.04%	0.001%
94	4.879	4.856	4.914	PH	-23	-5618	-0.04%	-0.001%
95	4.927	4.914	4.935	PH	-188	-3120	-0.02%	-0.000%
96	4.967	4.935	4.977	PH	36	-1470	-0.01%	-0.000%
97	4.988	4.977	5.001	PH	36	-569	-0.00%	-0.000%
98	5.027	5.001	5.052	PH	231	2014	0.01%	0.000%
99	5.066	5.052	5.086	PH	223	1914	0.01%	0.000%
100	5.090	5.086	5.095	PH	25	45	0.00%	0.000%
101	5.108	5.095	5.119	PH	266	1705	0.01%	0.000%
102	5.132	5.119	5.170	HH	240	-1953	-0.01%	-0.000%
103	5.174	5.170	5.178	PH	-260	-1316	-0.01%	-0.000%
104	5.187	5.178	5.208	PH	-145	-3888	-0.03%	-0.001%
105	5.226	5.208	5.235	PH	-181	-3467	-0.02%	-0.000%
106	5.255	5.235	5.277	PH	861	7490	0.05%	0.001%
107	5.292	5.277	5.309	HH	230	1949	0.01%	0.000%
108	5.328	5.309	5.353	PH	184	-248	-0.00%	-0.000%
109	5.382	5.353	5.406	PH	312	844	0.01%	0.000%
110	5.411	5.406	5.423	PH	-183	-2866	-0.02%	-0.000%
111	5.454	5.423	5.512	PH	1072	6108	0.04%	0.001%
112	5.532	5.512	5.556	PH	873	8059	0.06%	0.001%
113	5.560	5.556	5.586	HH	179	661	0.00%	0.000%
114	5.599	5.586	5.607	PH	68	-81	-0.00%	-0.000%
115	5.624	5.607	5.638	PH	154	301	0.00%	0.000%
116	5.664	5.638	5.669	PH	128	318	0.00%	0.000%
117	5.674	5.669	5.688	HH	94	515	0.00%	0.000%
118	5.715	5.688	5.743	HH	598	6874	0.05%	0.001%
119	5.763	5.743	5.781	HH	392	4962	0.04%	0.001%
120	5.786	5.781	5.802	HH	181	750	0.01%	0.000%
121	5.823	5.802	5.851	PH	112	-1178	-0.01%	-0.000%
122	5.869	5.851	5.875	PH	-88	-2422	-0.02%	-0.000%
123	5.888	5.875	5.900	PH	-100	-1913	-0.01%	-0.000%
124	5.918	5.900	5.951	PH	157	206	0.00%	0.000%
125	5.980	5.951	5.992	PH	40	-1150	-0.01%	-0.000%
126	6.010	5.992	6.027	PH	834	8121	0.06%	0.001%
127	6.049	6.027	6.072	HH	832	11730	0.08%	0.002%
128	6.093	6.072	6.182	HH	29510	406331	2.87%	0.054%
129	6.209	6.182	6.255	HH	1354	28146	0.20%	0.004%
130	6.272	6.255	6.284	HH	319	4025	0.03%	0.001%
131	6.291	6.284	6.300	HH	159	1412	0.01%	0.000%
132	6.323	6.300	6.350	HH	1250	16761	0.12%	0.002%
133	6.376	6.350	6.386	HH	391	5934	0.04%	0.001%
134	6.401	6.386	6.457	HH	642	9889	0.07%	0.001%
135	6.487	6.457	6.526	PH	872	9999	0.07%	0.001%
136	6.559	6.526	6.587	PH	254	3480	0.02%	0.000%
137	6.597	6.587	6.606	HH	101	500	0.00%	0.000%
138	6.622	6.606	6.626	HH	150	1196	0.01%	0.000%
139	6.642	6.626	6.658	HH	455	4905	0.03%	0.001%
140	6.664	6.658	6.697	HH	148	1040	0.01%	0.000%
141	6.701	6.697	6.713	PH	-36	-861	-0.01%	-0.000%

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142	6.729	6.713	6.738	PH	45	-365	-0.00%	-0.000%
143	6.755	6.738	6.779	PH	99	280	0.00%	0.000%
144	6.806	6.779	6.824	PH	147	948	0.01%	0.000%
145	6.830	6.824	6.857	PH	91	-165	-0.00%	-0.000%
146	6.880	6.857	6.896	PH	698	4305	0.03%	0.001%
147	6.930	6.896	6.951	PH	160	2142	0.02%	0.000%
148	6.986	6.951	7.028	PH	728	20893	0.15%	0.003%
149	7.047	7.028	7.088	HH	680	16482	0.12%	0.002%
150	7.108	7.088	7.134	HH	1613	23989	0.17%	0.003%
151	7.149	7.134	7.155	HH	634	6805	0.05%	0.001%
152	7.163	7.155	7.183	HH	620	7852	0.06%	0.001%
153	7.210	7.183	7.226	HH	780	11534	0.08%	0.002%
154	7.241	7.226	7.258	HH	837	9623	0.07%	0.001%
155	7.263	7.258	7.285	HH	375	3617	0.03%	0.000%
156	7.304	7.285	7.326	HH	856	11752	0.08%	0.002%
157	7.333	7.326	7.360	HH	377	4788	0.03%	0.001%
158	7.398	7.360	7.413	HH	665	10904	0.08%	0.001%
159	7.435	7.413	7.468	HH	1692	23751	0.17%	0.003%
160	7.493	7.468	7.523	HH	536	11332	0.08%	0.002%
161	7.560	7.523	7.573	HH	330	7058	0.05%	0.001%
162	7.611	7.573	7.636	HH	569	12377	0.09%	0.002%
163	7.653	7.636	7.686	HH	313	5737	0.04%	0.001%
164	7.709	7.686	7.730	HH	592	9826	0.07%	0.001%
165	7.737	7.730	7.743	HH	315	2333	0.02%	0.000%
166	7.756	7.743	7.760	HH	406	3275	0.02%	0.000%
167	7.765	7.760	7.778	HH	410	3827	0.03%	0.001%
168	7.799	7.778	7.827	HH	426	8745	0.06%	0.001%
169	7.859	7.827	7.873	HH	1163	18264	0.13%	0.002%
170	7.883	7.873	7.911	HH	1084	20510	0.14%	0.003%
171	7.922	7.911	7.941	HH	596	8589	0.06%	0.001%
172	7.962	7.941	7.979	HH	590	10149	0.07%	0.001%
173	8.008	7.979	8.020	HH	1062	18090	0.13%	0.002%
174	8.034	8.020	8.053	HH	1247	19233	0.14%	0.003%
175	8.065	8.053	8.081	HH	888	12154	0.09%	0.002%
176	8.102	8.081	8.123	HH	1066	20753	0.15%	0.003%
177	8.137	8.123	8.162	HH	1487	24018	0.17%	0.003%
178	8.179	8.162	8.188	HH	855	11522	0.08%	0.002%
179	8.219	8.188	8.237	HH	2685	51867	0.37%	0.007%
180	8.250	8.237	8.263	HH	1558	20520	0.14%	0.003%
181	8.284	8.263	8.298	HH	2774	42247	0.30%	0.006%
182	8.317	8.298	8.354	HH	4575	76341	0.54%	0.010%
183	8.370	8.354	8.383	HH	1262	19596	0.14%	0.003%
184	8.403	8.383	8.439	HH	2877	56241	0.40%	0.008%
185	8.458	8.439	8.478	HH	1841	31195	0.22%	0.004%
186	8.492	8.478	8.509	HH	1212	18970	0.13%	0.003%
187	8.526	8.509	8.532	HH	1010	13130	0.09%	0.002%
188	8.547	8.532	8.572	HH	968	20968	0.15%	0.003%
189	8.587	8.572	8.610	HH	898	17391	0.12%	0.002%
190	8.613	8.610	8.624	HH	762	5954	0.04%	0.001%
191	8.672	8.624	8.678	HH	1360	30809	0.22%	0.004%
192	8.698	8.678	8.720	HH	2577	45001	0.32%	0.006%
193	8.749	8.720	8.788	HH	2239	69859	0.49%	0.009%
194	8.792	8.788	8.795	HH	1329	5301	0.04%	0.001%

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195	8.819	8.795	8.838	HH	2231	45733	0.32%	0.006%
196	8.857	8.838	8.882	HH	2540	46059	0.33%	0.006%
197	8.910	8.882	8.934	HH	1626	44535	0.31%	0.006%
198	8.945	8.934	8.962	HH	1846	26932	0.19%	0.004%
199	8.980	8.962	9.008	HH	1720	38882	0.27%	0.005%
200	9.051	9.008	9.103	HH	3131	106521	0.75%	0.014%
201	9.117	9.103	9.127	HH	1688	20732	0.15%	0.003%
202	9.146	9.127	9.201	HH	3805	89724	0.63%	0.012%
203	9.225	9.201	9.250	HH	1317	32474	0.23%	0.004%
204	9.274	9.250	9.290	HH	1839	33522	0.24%	0.004%
205	9.307	9.290	9.322	HH	1619	25514	0.18%	0.003%
206	9.335	9.322	9.341	HH	1374	14799	0.10%	0.002%
207	9.357	9.341	9.375	HH	1407	26205	0.18%	0.003%
208	9.411	9.375	9.449	HH	1829	64095	0.45%	0.009%
209	9.483	9.449	9.504	HH	3517	84874	0.60%	0.011%
210	9.514	9.504	9.545	HH	2799	52446	0.37%	0.007%
211	9.571	9.545	9.591	HH	2525	54461	0.38%	0.007%
212	9.599	9.591	9.616	HH	1907	27003	0.19%	0.004%
213	9.645	9.616	9.670	HH	2027	56584	0.40%	0.008%
214	9.700	9.670	9.726	HH	2119	58291	0.41%	0.008%
215	9.750	9.726	9.755	HH	2563	34352	0.24%	0.005%
216	9.768	9.755	9.798	HH	3036	57767	0.41%	0.008%
217	9.819	9.798	9.829	HH	1822	30691	0.22%	0.004%
218	9.855	9.829	9.890	HH	2821	79573	0.56%	0.011%
219	9.925	9.890	9.962	HH	4656	113284	0.80%	0.015%
220	9.971	9.962	9.990	HH	1814	27475	0.19%	0.004%
221	10.017	9.990	10.042	HH	1960	53385	0.38%	0.007%
222	10.080	10.042	10.113	HH	1867	68271	0.48%	0.009%
223	10.123	10.113	10.140	HH	1645	25291	0.18%	0.003%
224	10.154	10.140	10.159	HH	1689	18743	0.13%	0.003%
225	10.164	10.159	10.172	HH	1699	12869	0.09%	0.002%
226	10.177	10.172	10.182	HH	1638	9160	0.06%	0.001%
227	10.195	10.182	10.202	HH	1706	19650	0.14%	0.003%
228	10.206	10.202	10.211	HH	1661	8949	0.06%	0.001%
229	10.237	10.211	10.258	HH	2454	58327	0.41%	0.008%
230	10.272	10.258	10.279	HH	2012	25138	0.18%	0.003%
231	10.312	10.279	10.332	HH	2950	79161	0.56%	0.011%
232	10.349	10.332	10.353	HH	2814	33641	0.24%	0.004%
233	10.369	10.353	10.392	HH	2934	63223	0.45%	0.008%
234	10.409	10.392	10.432	HH	3037	64052	0.45%	0.009%
235	10.452	10.432	10.474	HH	2752	63315	0.45%	0.008%
236	10.506	10.474	10.525	HH	3112	85475	0.60%	0.011%
237	10.548	10.525	10.556	HH	3514	56181	0.40%	0.008%
238	10.566	10.556	10.584	HH	3660	57827	0.41%	0.008%
239	10.588	10.584	10.603	HH	3214	35395	0.25%	0.005%
240	10.618	10.603	10.645	HH	4001	84592	0.60%	0.011%
241	10.665	10.645	10.682	HH	5706	93203	0.66%	0.012%
242	10.697	10.682	10.713	HH	3808	65288	0.46%	0.009%
243	10.740	10.713	10.775	HH	4552	135920	0.96%	0.018%
244	10.793	10.775	10.810	HH	3256	64179	0.45%	0.009%
245	10.828	10.810	10.847	HH	2992	62304	0.44%	0.008%
246	10.889	10.847	10.928	HH	19729	338388	2.39%	0.045%

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247	10.966	10.928	11.025	HH	7412	258350	1.82%	0.035%
248	11.050	11.025	11.068	HH	3451	85905	0.61%	0.011%
249	11.081	11.068	11.098	HH	3392	59428	0.42%	0.008%
250	11.141	11.098	11.160	HH	3473	121038	0.85%	0.016%
251	11.191	11.160	11.235	HH	4589	171423	1.21%	0.023%
252	11.243	11.235	11.251	HH	3456	31978	0.23%	0.004%
253	11.255	11.251	11.263	HH	3472	25620	0.18%	0.003%
254	11.301	11.263	11.316	HH	4020	115868	0.82%	0.015%
255	11.334	11.316	11.348	HH	4253	75638	0.53%	0.010%
256	11.368	11.348	11.397	HH	6357	144735	1.02%	0.019%
257	11.416	11.397	11.432	HH	5213	96096	0.68%	0.013%
258	11.454	11.432	11.485	HH	5052	145374	1.03%	0.019%
259	11.500	11.485	11.518	HH	4111	79647	0.56%	0.011%
260	11.551	11.518	11.579	HH	5782	172398	1.22%	0.023%
261	11.590	11.579	11.597	HH	4388	44402	0.31%	0.006%
262	11.634	11.597	11.662	HH	4872	177749	1.25%	0.024%
263	11.695	11.662	11.710	HH	7771	173921	1.23%	0.023%
264	11.726	11.710	11.773	HH	8738	229288	1.62%	0.031%
265	11.805	11.773	11.822	HH	7721	183638	1.30%	0.025%
266	11.842	11.822	11.859	HH	9240	161383	1.14%	0.022%
267	11.873	11.859	11.902	HH	8260	171131	1.21%	0.023%
268	11.914	11.902	11.927	HH	5278	74925	0.53%	0.010%
269	11.930	11.927	11.940	HH	5202	40768	0.29%	0.005%
270	11.960	11.940	11.985	HH	5570	143965	1.02%	0.019%
271	12.038	11.985	12.072	HH	8427	347438	2.45%	0.046%
272	12.091	12.072	12.112	HH	9813	192329	1.36%	0.026%
273	12.123	12.112	12.134	HH	6480	84039	0.59%	0.011%
274	12.142	12.134	12.149	HH	6201	55090	0.39%	0.007%
275	12.170	12.149	12.187	HH	7463	155074	1.09%	0.021%
276	12.196	12.187	12.211	HH	6546	87195	0.62%	0.012%
277	12.231	12.211	12.259	HH	7824	198684	1.40%	0.027%
278	12.288	12.259	12.327	HH	20521	426838	3.01%	0.057%
279	12.332	12.327	12.335	HH	6933	32934	0.23%	0.004%
280	12.346	12.335	12.357	HH	7285	93124	0.66%	0.012%
281	12.374	12.357	12.387	HH	7996	132215	0.93%	0.018%
282	12.393	12.387	12.408	HH	7278	91918	0.65%	0.012%
283	12.420	12.408	12.426	HH	7336	75460	0.53%	0.010%
284	12.447	12.426	12.472	HH	7650	199838	1.41%	0.027%
285	12.490	12.472	12.527	HH	8315	254462	1.80%	0.034%
286	12.543	12.527	12.560	HH	8083	149552	1.06%	0.020%
287	12.594	12.560	12.614	HH	12109	304925	2.15%	0.041%
288	12.633	12.614	12.645	HH	9558	170240	1.20%	0.023%
289	12.677	12.645	12.686	HH	11517	251666	1.78%	0.034%
290	12.706	12.686	12.750	HH	35310	640241	4.52%	0.086%
291	12.767	12.750	12.789	HH	8851	198208	1.40%	0.026%
292	12.819	12.789	12.828	HH	8846	199511	1.41%	0.027%
293	12.840	12.828	12.863	HH	9530	191194	1.35%	0.026%
294	12.898	12.863	12.908	HH	10314	252401	1.78%	0.034%
295	12.912	12.908	12.926	HH	9912	104751	0.74%	0.014%
296	12.930	12.926	12.935	HH	9777	54602	0.39%	0.007%
297	12.955	12.935	12.976	HH	11222	253243	1.79%	0.034%
298	13.002	12.976	13.032	HH	35031	624101	4.40%	0.083%
299	13.048	13.032	13.081	HH	13187	353616	2.50%	0.047%

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300	13.099	13.081	13.114	HH	12670	238170	1.68%	0.032%
301	13.120	13.114	13.127	HH	11912	92360	0.65%	0.012%
302	13.135	13.127	13.157	HH	11656	202205	1.43%	0.027%
303	13.197	13.157	13.232	HH	13452	546214	3.85%	0.073%
304	13.249	13.232	13.257	HH	11087	159311	1.12%	0.021%
305	13.298	13.257	13.332	HH	17431	683900	4.83%	0.091%
306	13.343	13.332	13.376	HH	15002	365975	2.58%	0.049%
307	13.408	13.376	13.415	HH	14077	314294	2.22%	0.042%
308	13.437	13.415	13.454	HH	14786	326710	2.31%	0.044%
309	13.476	13.454	13.505	HH	15833	446377	3.15%	0.060%
310	13.527	13.505	13.543	HH	15650	338667	2.39%	0.045%
311	13.569	13.543	13.574	HH	15657	269573	1.90%	0.036%
312	13.595	13.574	13.628	HH	18920	542553	3.83%	0.072%
313	13.646	13.628	13.656	HH	15872	256069	1.81%	0.034%
314	13.667	13.656	13.684	HH	16210	269574	1.90%	0.036%
315	13.702	13.684	13.720	HH	17905	369860	2.61%	0.049%
316	13.741	13.720	13.761	HH	20059	447928	3.16%	0.060%
317	13.777	13.761	13.796	HH	18952	382282	2.70%	0.051%
318	13.802	13.796	13.815	HH	18153	202595	1.43%	0.027%
319	13.872	13.815	13.894	HH	26606	1001951	7.07%	0.134%
320	13.906	13.894	13.930	HH	21471	439525	3.10%	0.059%
321	13.966	13.930	13.976	HH	19890	512842	3.62%	0.068%
322	13.985	13.976	13.995	HH	20066	228003	1.61%	0.030%
323	14.012	13.995	14.040	HH	20221	530419	3.74%	0.071%
324	14.062	14.040	14.068	HH	20861	338362	2.39%	0.045%
325	14.089	14.068	14.104	HH	21018	444663	3.14%	0.059%
326	14.124	14.104	14.135	HH	21612	389790	2.75%	0.052%
327	14.142	14.135	14.154	HH	21410	242889	1.71%	0.032%
328	14.167	14.154	14.185	HH	21780	394706	2.79%	0.053%
329	14.217	14.185	14.231	HH	22723	602938	4.26%	0.081%
330	14.247	14.231	14.250	HH	23645	264314	1.87%	0.035%
331	14.269	14.250	14.281	HH	24239	435204	3.07%	0.058%
332	14.332	14.281	14.353	HH	33810	1196112	8.44%	0.160%
333	14.361	14.353	14.397	HH	28359	676260	4.77%	0.090%
334	14.442	14.397	14.462	HH	34594	1115839	7.87%	0.149%
335	14.491	14.462	14.519	HH	49737	1261908	8.91%	0.169%
336	14.526	14.519	14.548	HH	30175	513164	3.62%	0.069%
337	14.571	14.548	14.615	HH	32216	1171294	8.27%	0.156%
338	14.643	14.615	14.647	HH	30114	557636	3.94%	0.074%
339	14.670	14.647	14.685	HH	31885	693684	4.90%	0.093%
340	14.701	14.685	14.723	HH	31905	723279	5.10%	0.097%
341	14.734	14.723	14.743	HH	31263	365221	2.58%	0.049%
342	14.781	14.743	14.815	HH	208152	3778858	26.67%	0.505%
343	14.835	14.815	14.841	HH	34984	541628	3.82%	0.072%
344	14.883	14.841	14.904	HH	49341	1528010	10.78%	0.204%
345	14.923	14.904	14.954	HH	50706	1266140	8.94%	0.169%
346	14.982	14.954	15.003	HH	45134	1189669	8.40%	0.159%
347	15.024	15.003	15.033	HH	42409	726304	5.13%	0.097%
348	15.042	15.033	15.066	HH	42712	816670	5.76%	0.109%
349	15.087	15.066	15.102	HH	43345	901381	6.36%	0.120%
350	15.119	15.102	15.122	HH	42335	493886	3.49%	0.066%
351	15.128	15.122	15.156	HH	42165	819876	5.79%	0.109%

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352	15.192	15.156	15.214	HH	44571	1480877	10.45%	0.198%
353	15.219	15.214	15.227	HH	44397	350739	2.48%	0.047%
354	15.235	15.227	15.258	HH	45994	816082	5.76%	0.109%
355	15.269	15.258	15.284	HH	45146	702506	4.96%	0.094%
356	15.294	15.284	15.308	HH	44894	625074	4.41%	0.083%
357	15.334	15.308	15.350	HH	47719	1186809	8.38%	0.158%
358	15.354	15.350	15.360	HH	47657	280359	1.98%	0.037%
359	15.397	15.360	15.456	HH	75266	3379380	23.85%	0.451%
360	15.475	15.456	15.485	HH	51647	868994	6.13%	0.116%
361	15.516	15.485	15.537	HH	84168	2056971	14.52%	0.275%
362	15.556	15.537	15.588	HH	66541	1794276	12.66%	0.240%
363	15.601	15.588	15.626	HH	58000	1244947	8.79%	0.166%
364	15.631	15.626	15.636	HH	52538	317548	2.24%	0.042%
365	15.640	15.636	15.650	HH	52498	439360	3.10%	0.059%
366	15.688	15.650	15.692	HH	56998	1367376	9.65%	0.183%
367	15.700	15.692	15.710	HH	56619	594044	4.19%	0.079%
368	15.724	15.710	15.779	HH	58720	2363086	16.68%	0.316%
369	15.787	15.779	15.791	HH	56108	380326	2.68%	0.051%
370	15.809	15.791	15.824	HH	59530	1156203	8.16%	0.154%
371	15.845	15.824	15.856	HH	61256	1135736	8.02%	0.152%
372	15.871	15.856	15.875	HH	61257	710888	5.02%	0.095%
373	15.880	15.875	15.885	HH	61526	355536	2.51%	0.047%
374	15.896	15.885	15.915	HH	63359	1123660	7.93%	0.150%
375	15.933	15.915	15.948	HH	63726	1258469	8.88%	0.168%
376	16.005	15.948	16.038	HH	77913	3615091	25.51%	0.483%
377	16.070	16.038	16.075	HH	67236	1485306	10.48%	0.198%
378	16.084	16.075	16.091	HH	67263	637592	4.50%	0.085%
379	16.095	16.091	16.102	HH	66527	455382	3.21%	0.061%
380	16.114	16.102	16.122	HH	66395	753501	5.32%	0.101%
381	16.170	16.122	16.184	HH	73927	2632419	18.58%	0.352%
382	16.190	16.184	16.210	HH	73324	1110356	7.84%	0.148%
383	16.236	16.210	16.242	HH	72861	1364247	9.63%	0.182%
384	16.263	16.242	16.282	HH	79586	1858162	13.11%	0.248%
385	16.322	16.282	16.342	HH	79189	2764600	19.51%	0.369%
386	16.366	16.342	16.392	HH	83365	2373505	16.75%	0.317%
387	16.441	16.392	16.470	HH	99609	4048902	28.57%	0.541%
388	16.490	16.470	16.516	HH	95366	2518241	17.77%	0.336%
389	16.520	16.516	16.527	HH	83955	569360	4.02%	0.076%
390	16.566	16.527	16.586	HH	95041	3170875	22.38%	0.423%
391	16.598	16.586	16.612	HH	92839	1421491	10.03%	0.190%
392	16.625	16.612	16.642	HH	95198	1717585	12.12%	0.229%
393	16.679	16.642	16.701	HH	95565	3272023	23.09%	0.437%
394	16.764	16.701	16.784	HH	105983	4865631	34.34%	0.650%
395	16.795	16.784	16.800	HH	98854	923709	6.52%	0.123%
396	16.821	16.800	16.852	HH	110265	3191942	22.53%	0.426%
397	16.856	16.852	16.868	HH	97289	915569	6.46%	0.122%
398	16.889	16.868	16.895	HH	102009	1628391	11.49%	0.217%
399	16.922	16.895	16.938	HH	108391	2723264	19.22%	0.364%
400	16.959	16.938	16.980	HH	136434	3020984	21.32%	0.403%
401	16.990	16.980	17.013	HH	113634	2201557	15.54%	0.294%
402	17.032	17.013	17.056	HH	110983	2740946	19.34%	0.366%
403	17.074	17.056	17.092	HH	109126	2321557	16.38%	0.310%
404	17.102	17.092	17.107	HH	110986	1041717	7.35%	0.139%

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405	17.132	17.107	17.145	HH	118833	2604062	18.38%	0.348%
406	17.167	17.145	17.191	HH	123652	3298355	23.28%	0.440%
407	17.195	17.191	17.212	HH	117548	1470146	10.38%	0.196%
408	17.252	17.212	17.274	HH	128328	4486579	31.66%	0.599%
409	17.279	17.274	17.292	HH	120560	1269685	8.96%	0.170%
410	17.331	17.292	17.368	HH	138916	5843156	41.24%	0.780%
411	17.375	17.368	17.381	HH	123358	932338	6.58%	0.125%
412	17.416	17.381	17.442	HH	149010	4947323	34.91%	0.661%
413	17.453	17.442	17.461	HH	133293	1461966	10.32%	0.195%
414	17.466	17.461	17.472	HH	131400	902376	6.37%	0.121%
415	17.493	17.472	17.516	HH	139577	3500619	24.70%	0.467%
416	17.520	17.516	17.533	HH	129826	1351822	9.54%	0.181%
417	17.560	17.533	17.580	HH	139898	3752187	26.48%	0.501%
418	17.584	17.580	17.593	HH	133214	1027896	7.25%	0.137%
419	17.604	17.593	17.610	HH	131403	1313268	9.27%	0.175%
420	17.615	17.610	17.632	HH	132450	1712968	12.09%	0.229%
421	17.645	17.632	17.649	HH	132956	1366819	9.65%	0.183%
422	17.678	17.649	17.694	HH	135879	3620182	25.55%	0.483%
423	17.733	17.694	17.748	HH	144870	4511793	31.84%	0.603%
424	17.758	17.748	17.768	HH	144702	1739842	12.28%	0.232%
425	17.801	17.768	17.813	HH	152953	4009195	28.29%	0.535%
426	17.826	17.813	17.832	HH	162195	1735569	12.25%	0.232%
427	17.853	17.832	17.888	HH	167515	5288869	37.33%	0.706%
428	17.958	17.888	18.007	HH	186097	11284800	79.64%	1.507%
429	18.012	18.007	18.038	HH	157024	2826425	19.95%	0.377%
430	18.054	18.038	18.091	HH	154652	4755036	33.56%	0.635%
431	18.111	18.091	18.129	HH	158780	3501616	24.71%	0.468%
432	18.155	18.129	18.160	HH	164421	2978471	21.02%	0.398%
433	18.165	18.160	18.177	HH	163832	1695906	11.97%	0.226%
434	18.201	18.177	18.221	HH	169927	4270995	30.14%	0.570%
435	18.273	18.221	18.305	HH	191611	8748656	61.74%	1.168%
436	18.330	18.305	18.360	HH	201906	5997801	42.33%	0.801%
437	18.372	18.360	18.383	HH	172844	2386825	16.84%	0.319%
438	18.386	18.383	18.395	HH	168913	1220121	8.61%	0.163%
439	18.401	18.395	18.405	HH	169386	934082	6.59%	0.125%
440	18.415	18.405	18.433	HH	173805	2888235	20.38%	0.386%
441	18.452	18.433	18.472	HH	181390	4060827	28.66%	0.542%
442	18.486	18.472	18.500	HH	173761	2812953	19.85%	0.376%
443	18.509	18.500	18.516	HH	168177	1586417	11.20%	0.212%
444	18.541	18.516	18.558	HH	176399	4354106	30.73%	0.581%
445	18.573	18.558	18.597	HH	175810	4074493	28.75%	0.544%
446	18.601	18.597	18.610	HH	173341	1335425	9.42%	0.178%
447	18.628	18.610	18.634	HH	176731	2484684	17.54%	0.332%
448	18.645	18.634	18.649	HH	179827	1574821	11.11%	0.210%
449	18.684	18.649	18.718	HH	210428	7941867	56.05%	1.061%
450	18.725	18.718	18.732	HH	179465	1422765	10.04%	0.190%
451	18.755	18.732	18.775	HH	210760	5117626	36.12%	0.683%
452	18.802	18.775	18.831	HH	217738	6690050	47.21%	0.893%
453	18.837	18.831	18.856	HH	191796	2742414	19.35%	0.366%
454	18.889	18.856	18.895	HH	191358	4393456	31.01%	0.587%
455	18.903	18.895	18.909	HH	190423	1624599	11.47%	0.217%
456	18.933	18.909	18.952	HH	204217	5073452	35.80%	0.678%

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457	18.961	18.952	18.969	HH	194885	1870744	13.20%	0.250%
458	18.986	18.969	18.999	HH	198915	3542354	25.00%	0.473%
459	19.002	18.999	19.008	HH	197214	1086012	7.66%	0.145%
460	19.016	19.008	19.020	HH	195779	1376108	9.71%	0.184%
461	19.033	19.020	19.038	HH	199939	2200953	15.53%	0.294%
462	19.085	19.038	19.118	HH	252546	10468384	73.88%	1.398%
463	19.162	19.118	19.179	HH	221910	7707423	54.39%	1.029%
464	19.184	19.179	19.189	HH	207071	1197449	8.45%	0.160%
465	19.206	19.189	19.225	HH	207874	4460640	31.48%	0.596%
466	19.237	19.225	19.253	HH	212189	3459062	24.41%	0.462%
467	19.270	19.253	19.287	HH	218556	4354461	30.73%	0.582%
468	19.292	19.287	19.298	HH	212103	1420488	10.02%	0.190%
469	19.311	19.298	19.317	HH	215131	2375502	16.76%	0.317%
470	19.342	19.317	19.359	HH	216436	5425448	38.29%	0.725%
471	19.372	19.359	19.393	HH	217886	4361584	30.78%	0.582%
472	19.401	19.393	19.406	HH	217089	1710957	12.07%	0.228%
473	19.412	19.406	19.417	HH	218209	1464719	10.34%	0.196%
474	19.423	19.417	19.437	HH	219610	2611397	18.43%	0.349%
475	19.470	19.437	19.526	HH	266248	12484209	88.10%	1.667%
476	19.542	19.526	19.546	HH	228293	2699609	19.05%	0.361%
477	19.552	19.546	19.558	HH	229275	1646751	11.62%	0.220%
478	19.566	19.558	19.587	HH	239385	4044411	28.54%	0.540%
479	19.592	19.587	19.602	HH	235746	2184203	15.41%	0.292%
480	19.650	19.602	19.667	HH	241400	9203401	64.95%	1.229%
481	19.689	19.667	19.734	HH	242253	9532786	67.28%	1.273%
482	19.753	19.734	19.760	HH	243027	3725357	26.29%	0.498%
483	19.784	19.760	19.790	HH	251947	4440878	31.34%	0.593%
484	19.797	19.790	19.830	HH	250683	5808886	41.00%	0.776%
485	19.848	19.830	19.877	HH	275328	7533269	53.16%	1.006%
486	19.882	19.877	19.910	HH	256839	4994815	35.25%	0.667%
487	19.916	19.910	19.938	HH	250392	4122754	29.10%	0.551%
488	19.959	19.938	19.965	HH	257250	3988700	28.15%	0.533%
489	19.983	19.965	19.994	HH	260720	4420878	31.20%	0.590%
490	20.003	19.994	20.028	HH	258827	5209757	36.77%	0.696%
491	20.085	20.028	20.117	HH	274828	14169738	100.00%	1.892%
492	20.126	20.117	20.136	HH	264975	2989428	21.10%	0.399%
493	20.157	20.136	20.168	HH	267654	4970375	35.08%	0.664%
494	20.172	20.168	20.180	HH	262273	1911119	13.49%	0.255%
495	20.214	20.180	20.241	HH	284960	10045938	70.90%	1.342%
496	20.256	20.241	20.276	HH	282803	5738943	40.50%	0.766%
497	20.283	20.276	20.289	HH	270939	2092833	14.77%	0.279%
498	20.294	20.289	20.300	HH	272957	1757537	12.40%	0.235%
499	20.324	20.300	20.330	HH	275811	5004946	35.32%	0.668%
500	20.337	20.330	20.348	HH	277130	2979977	21.03%	0.398%
501	20.366	20.348	20.372	HH	281973	4009176	28.29%	0.535%
502	20.377	20.372	20.381	HH	282433	1548944	10.93%	0.207%
503	20.390	20.381	20.419	HH	284274	6294167	44.42%	0.841%
504	20.425	20.419	20.436	HH	280846	2828587	19.96%	0.378%
505	20.454	20.436	20.469	HH	281794	5546074	39.14%	0.741%
506	20.479	20.469	20.499	HH	281484	4960141	35.01%	0.662%
507	20.509	20.499	20.516	HH	281747	2916753	20.58%	0.390%
508	20.524	20.516	20.535	HH	280508	3070219	21.67%	0.410%
509	20.567	20.535	20.608	HH	311416	12941749	91.33%	1.728%

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510	20.626	20.608	20.635	HH	292294	4491176	31.70%	0.600%
511	20.646	20.635	20.651	HH	289140	2826044	19.94%	0.377%
512	20.683	20.651	20.708	HH	299700	9999245	70.57%	1.335%
513	20.724	20.708	20.743	HH	293794	6080533	42.91%	0.812%
514	20.749	20.743	20.753	HH	288667	1810427	12.78%	0.242%
515	20.766	20.753	20.776	HH	291068	3939142	27.80%	0.526%
516	20.780	20.776	20.790	HH	289172	2315913	16.34%	0.309%
517	20.800	20.790	20.828	HH	291720	6545810	46.20%	0.874%
518	20.831	20.828	20.836	HH	284467	1404012	9.91%	0.188%
519	20.844	20.836	20.857	HH	280579	3458867	24.41%	0.462%
520	20.863	20.857	20.889	HH	284370	5375317	37.94%	0.718%
521	20.896	20.889	20.900	HH	283009	1854753	13.09%	0.248%
522	20.929	20.900	20.956	HH	302023	9578539	67.60%	1.279%
523	20.969	20.956	20.983	HH	276899	4528852	31.96%	0.605%
524	20.994	20.983	21.015	HH	277193	5152129	36.36%	0.688%
525	21.022	21.015	21.033	HH	273398	2940781	20.75%	0.393%
526	21.037	21.033	21.048	HH	273411	2463015	17.38%	0.329%
527	21.054	21.048	21.078	HH	274866	4938084	34.85%	0.659%
528	21.086	21.078	21.101	HH	270963	3675554	25.94%	0.491%
529	21.122	21.101	21.126	HH	270060	3985775	28.13%	0.532%
530	21.132	21.126	21.141	HH	272061	2437012	17.20%	0.325%
531	21.149	21.141	21.155	HH	269200	2205505	15.56%	0.295%
532	21.158	21.155	21.167	HH	267248	1927406	13.60%	0.257%
533	21.184	21.167	21.196	HH	269186	4657771	32.87%	0.622%
534	21.206	21.196	21.230	HH	268131	5366864	37.88%	0.717%
535	21.239	21.230	21.246	HH	264739	2555110	18.03%	0.341%
536	21.260	21.246	21.278	HH	264372	5010599	35.36%	0.669%
537	21.290	21.278	21.296	HH	259757	2690588	18.99%	0.359%
538	21.322	21.296	21.329	HH	272693	5247497	37.03%	0.701%
539	21.337	21.329	21.368	HH	271946	6073320	42.86%	0.811%
540	21.373	21.368	21.390	HH	257261	3352325	23.66%	0.448%
541	21.396	21.390	21.404	HH	254135	2242599	15.83%	0.299%
542	21.416	21.404	21.434	HH	256696	4490541	31.69%	0.600%
543	21.441	21.434	21.463	HH	255029	4460954	31.48%	0.596%
544	21.478	21.463	21.484	HH	251357	3021822	21.33%	0.404%
545	21.491	21.484	21.503	HH	252287	2871358	20.26%	0.383%
546	21.506	21.503	21.517	HH	248734	2044400	14.43%	0.273%
547	21.520	21.517	21.523	HH	246669	943167	6.66%	0.126%
548	21.530	21.523	21.555	HH	252548	4695050	33.13%	0.627%
549	21.567	21.555	21.579	HH	247125	3569539	25.19%	0.477%
550	21.585	21.579	21.596	HH	243995	2477700	17.49%	0.331%
551	21.604	21.596	21.636	HH	244050	5757610	40.63%	0.769%
552	21.641	21.636	21.666	HH	244171	4228619	29.84%	0.565%
553	21.672	21.666	21.677	HH	241001	1704379	12.03%	0.228%
554	21.688	21.677	21.715	HH	243989	5338254	37.67%	0.713%
555	21.719	21.715	21.723	HH	240209	1221240	8.62%	0.163%
556	21.727	21.723	21.739	HH	239918	2189678	15.45%	0.292%
557	21.742	21.739	21.746	HH	237816	1089861	7.69%	0.146%
558	21.767	21.746	21.805	HH	253179	8555387	60.38%	1.143%
559	21.809	21.805	21.823	HH	232005	2516541	17.76%	0.336%
560	21.838	21.823	21.873	HH	235058	6843339	48.30%	0.914%

Sum of corrected areas: 748804628

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