

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021422\
 Data File : FF009938.D
 Signal(s) : FID2B.ch
 Acq On : 14 Feb 2022 16:09
 Sample : N1527-03MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF021022.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.012	1.998	2.036	BH	2111	36000	0.86%	0.031%
2	2.047	2.036	2.058	HH	1610	19082	0.45%	0.016%
3	2.065	2.058	2.077	HH	1532	16649	0.40%	0.014%
4	2.090	2.077	2.120	HH	2089	41655	0.99%	0.036%
5	2.150	2.120	2.200	HH	213065	1637495	38.99%	1.402%
6	2.206	2.200	2.230	HH	2317	38380	0.91%	0.033%
7	2.242	2.230	2.295	HH	1939	67088	1.60%	0.057%
8	2.311	2.295	2.335	HH	1857	39367	0.94%	0.034%
9	2.351	2.335	2.356	HH	2535	27741	0.66%	0.024%
10	2.361	2.356	2.397	HH	2450	51852	1.23%	0.044%
11	2.412	2.397	2.428	HH	2561	38640	0.92%	0.033%
12	2.433	2.428	2.486	HH	1661	48647	1.16%	0.042%
13	2.498	2.486	2.508	HH	1324	17383	0.41%	0.015%
14	2.514	2.508	2.545	HH	1323	27390	0.65%	0.023%
15	2.581	2.545	2.610	HH	2342	60277	1.44%	0.052%
16	2.616	2.610	2.622	HH	1345	8889	0.21%	0.008%
17	2.624	2.622	2.635	HH	1354	9948	0.24%	0.009%
18	2.639	2.635	2.655	HH	1284	14830	0.35%	0.013%
19	2.701	2.655	2.746	HH	1543	71270	1.70%	0.061%
20	2.752	2.746	2.767	HH	1326	15622	0.37%	0.013%
21	2.770	2.767	2.775	HH	1279	5939	0.14%	0.005%
22	2.790	2.775	2.799	HH	1371	18349	0.44%	0.016%
23	2.813	2.799	2.826	HH	1330	20471	0.49%	0.018%
24	2.833	2.826	2.854	HH	1383	21569	0.51%	0.018%
25	2.858	2.854	2.877	HH	1253	17064	0.41%	0.015%
26	2.889	2.877	2.901	HH	1303	17001	0.40%	0.015%
27	2.952	2.901	2.977	HH	1689	65196	1.55%	0.056%
28	2.985	2.977	3.032	HH	1411	42246	1.01%	0.036%
29	3.053	3.032	3.059	HH	1290	20068	0.48%	0.017%
30	3.065	3.059	3.079	HH	1363	14610	0.35%	0.013%
31	3.088	3.079	3.101	HH	1280	15754	0.38%	0.013%
32	3.109	3.101	3.118	HH	1247	12591	0.30%	0.011%
33	3.127	3.118	3.138	HH	1372	15597	0.37%	0.013%
34	3.153	3.138	3.202	HH	1456	50100	1.19%	0.043%
35	3.208	3.202	3.214	HH	1290	9110	0.22%	0.008%
36	3.231	3.214	3.255	HH	1477	31886	0.76%	0.027%

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37	3.260	3.255	3.271	HH	1240	11232	0.27%	0.010%
38	3.307	3.271	3.348	HH	1391	57101	1.36%	0.049%
39	3.353	3.348	3.359	HH	1174	7608	0.18%	0.007%
40	3.362	3.359	3.384	HH	1244	17035	0.41%	0.015%
41	3.407	3.384	3.423	HH	1682	31783	0.76%	0.027%
42	3.443	3.423	3.459	HH	1353	26484	0.63%	0.023%
43	3.480	3.459	3.515	HH	1672	44814	1.07%	0.038%
44	3.519	3.515	3.542	HH	1168	19298	0.46%	0.017%
45	3.547	3.542	3.553	HH	1176	6969	0.17%	0.006%
46	3.556	3.553	3.568	HH	1173	10596	0.25%	0.009%
47	3.576	3.568	3.588	HH	1225	13972	0.33%	0.012%
48	3.606	3.588	3.611	HH	1209	16022	0.38%	0.014%
49	3.623	3.611	3.643	HH	1278	22668	0.54%	0.019%
50	3.660	3.643	3.678	HH	1272	23813	0.57%	0.020%
51	3.686	3.678	3.702	HH	1258	17212	0.41%	0.015%
52	3.705	3.702	3.713	HH	1187	7822	0.19%	0.007%
53	3.736	3.713	3.763	HH	1349	35579	0.85%	0.030%
54	3.769	3.763	3.774	HH	1191	7331	0.17%	0.006%
55	3.811	3.774	3.833	HH	1792	48463	1.15%	0.041%
56	3.835	3.833	3.865	HH	1510	25833	0.62%	0.022%
57	3.870	3.865	3.879	HH	1241	9800	0.23%	0.008%
58	3.885	3.879	3.897	HH	1204	11790	0.28%	0.010%
59	3.907	3.897	3.918	HH	1196	14391	0.34%	0.012%
60	3.941	3.918	3.953	HH	1425	26495	0.63%	0.023%
61	3.968	3.953	4.017	HH	2278	61914	1.47%	0.053%
62	4.034	4.017	4.040	HH	1529	19480	0.46%	0.017%
63	4.041	4.040	4.054	HH	1474	11318	0.27%	0.010%
64	4.067	4.054	4.071	HH	1368	13011	0.31%	0.011%
65	4.087	4.071	4.092	HH	1369	16810	0.40%	0.014%
66	4.111	4.092	4.115	HH	1505	19352	0.46%	0.017%
67	4.123	4.115	4.140	HH	1550	21162	0.50%	0.018%
68	4.171	4.140	4.185	HH	5132	74250	1.77%	0.064%
69	4.207	4.185	4.297	HH	249544	2396720	57.07%	2.051%
70	4.304	4.297	4.336	HH	2272	44757	1.07%	0.038%
71	4.341	4.336	4.347	HH	1666	10436	0.25%	0.009%
72	4.372	4.347	4.428	HH	4800	134279	3.20%	0.115%
73	4.431	4.428	4.446	HH	1928	19924	0.47%	0.017%
74	4.451	4.446	4.455	HH	1733	8790	0.21%	0.008%
75	4.486	4.455	4.553	HH	2223	98174	2.34%	0.084%
76	4.566	4.553	4.573	HH	1452	16435	0.39%	0.014%
77	4.581	4.573	4.611	HH	1496	30763	0.73%	0.026%
78	4.628	4.611	4.653	HH	1304	31379	0.75%	0.027%
79	4.678	4.653	4.687	HH	1396	25599	0.61%	0.022%
80	4.690	4.687	4.705	HH	1306	13268	0.32%	0.011%
81	4.713	4.705	4.718	HH	1269	9003	0.21%	0.008%
82	4.723	4.718	4.732	HH	1207	10244	0.24%	0.009%
83	4.735	4.732	4.746	HH	1231	9734	0.23%	0.008%
84	4.749	4.746	4.755	HH	1226	6376	0.15%	0.005%
85	4.759	4.755	4.767	HH	1215	8213	0.20%	0.007%
86	4.781	4.767	4.797	HH	1432	24165	0.58%	0.021%
87	4.807	4.797	4.819	HH	1421	17428	0.41%	0.015%
88	4.827	4.819	4.835	HH	1386	12895	0.31%	0.011%
89	4.850	4.835	4.856	HH	1688	19007	0.45%	0.016%

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90	4.875	4.856	4.921	HH	3113	69517	1.66%	0.060%
91	4.923	4.921	4.936	HH	1300	11100	0.26%	0.010%
92	4.945	4.936	4.989	HH	1521	40916	0.97%	0.035%
93	4.999	4.989	5.021	HH	1256	22390	0.53%	0.019%
94	5.039	5.021	5.043	HH	1246	15851	0.38%	0.014%
95	5.075	5.043	5.097	HH	2231	52422	1.25%	0.045%
96	5.113	5.097	5.145	HH	1885	45504	1.08%	0.039%
97	5.151	5.145	5.169	HH	1461	19799	0.47%	0.017%
98	5.185	5.169	5.208	HH	1711	31994	0.76%	0.027%
99	5.239	5.208	5.260	HH	2497	54206	1.29%	0.046%
100	5.264	5.260	5.325	HH	1632	54125	1.29%	0.046%
101	5.340	5.325	5.347	HH	1324	16155	0.38%	0.014%
102	5.351	5.347	5.363	HH	1362	12951	0.31%	0.011%
103	5.368	5.363	5.373	HH	1284	7305	0.17%	0.006%
104	5.396	5.373	5.407	HH	1723	30117	0.72%	0.026%
105	5.421	5.407	5.439	HH	2243	32742	0.78%	0.028%
106	5.443	5.439	5.462	HH	1350	18238	0.43%	0.016%
107	5.490	5.462	5.498	HH	1408	28008	0.67%	0.024%
108	5.514	5.498	5.538	HH	1495	33587	0.80%	0.029%
109	5.550	5.538	5.567	HH	1414	22907	0.55%	0.020%
110	5.571	5.567	5.575	HH	1249	5988	0.14%	0.005%
111	5.591	5.575	5.597	HH	1351	17508	0.42%	0.015%
112	5.614	5.597	5.641	HH	1476	35453	0.84%	0.030%
113	5.657	5.641	5.675	HH	1801	29881	0.71%	0.026%
114	5.679	5.675	5.695	HH	1271	14761	0.35%	0.013%
115	5.708	5.695	5.721	HH	1370	19411	0.46%	0.017%
116	5.726	5.721	5.737	HH	1231	12265	0.29%	0.010%
117	5.758	5.737	5.789	HH	1743	47581	1.13%	0.041%
118	5.798	5.789	5.813	HH	1619	22119	0.53%	0.019%
119	5.822	5.813	5.836	HH	1517	19913	0.47%	0.017%
120	5.840	5.836	5.865	HH	1560	25849	0.62%	0.022%
121	5.882	5.865	5.905	HH	1633	35400	0.84%	0.030%
122	5.934	5.905	5.981	HH	2185	71056	1.69%	0.061%
123	5.993	5.981	5.998	HH	1357	13687	0.33%	0.012%
124	6.002	5.998	6.008	HH	1382	7921	0.19%	0.007%
125	6.026	6.008	6.047	HH	1580	33217	0.79%	0.028%
126	6.052	6.047	6.074	HH	1410	21929	0.52%	0.019%
127	6.079	6.074	6.095	HH	1490	16719	0.40%	0.014%
128	6.111	6.095	6.120	HH	1588	22005	0.52%	0.019%
129	6.123	6.120	6.178	HH	1520	49246	1.17%	0.042%
130	6.211	6.178	6.328	HH	240807	2529946	60.24%	2.165%
131	6.352	6.328	6.371	HH	1695	40274	0.96%	0.034%
132	6.374	6.371	6.389	HH	1581	16367	0.39%	0.014%
133	6.393	6.389	6.419	HH	1559	26607	0.63%	0.023%
134	6.446	6.419	6.460	HH	1533	36463	0.87%	0.031%
135	6.476	6.460	6.500	HH	1753	38981	0.93%	0.033%
136	6.502	6.500	6.517	HH	1616	15382	0.37%	0.013%
137	6.538	6.517	6.585	HH	1923	65296	1.55%	0.056%
138	6.608	6.585	6.641	HH	1853	50945	1.21%	0.044%
139	6.658	6.641	6.675	HH	1491	28770	0.69%	0.025%
140	6.680	6.675	6.685	HH	1399	8425	0.20%	0.007%
141	6.720	6.685	6.732	HH	1504	39918	0.95%	0.034%

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142	6.736	6.732	6.738	HH	1547	5709	0.14%	0.005%
143	6.770	6.738	6.802	HH	2178	70320	1.67%	0.060%
144	6.808	6.802	6.819	HH	1731	16448	0.39%	0.014%
145	6.828	6.819	6.843	HH	1638	23616	0.56%	0.020%
146	6.858	6.843	6.882	HH	1966	40697	0.97%	0.035%
147	6.885	6.882	6.909	HH	1589	24808	0.59%	0.021%
148	6.913	6.909	6.922	HH	1615	12791	0.30%	0.011%
149	6.964	6.922	6.987	HH	2406	70725	1.68%	0.061%
150	7.019	6.987	7.034	HH	1819	46377	1.10%	0.040%
151	7.042	7.034	7.047	HH	1779	14156	0.34%	0.012%
152	7.051	7.047	7.070	HH	1753	23862	0.57%	0.020%
153	7.081	7.070	7.110	HH	2002	43249	1.03%	0.037%
154	7.133	7.110	7.162	HH	2266	60576	1.44%	0.052%
155	7.180	7.162	7.212	HH	1903	53331	1.27%	0.046%
156	7.226	7.212	7.237	HH	1755	25620	0.61%	0.022%
157	7.246	7.237	7.259	HH	1760	21984	0.52%	0.019%
158	7.264	7.259	7.269	HH	1754	10148	0.24%	0.009%
159	7.275	7.269	7.281	HH	1789	12264	0.29%	0.010%
160	7.285	7.281	7.298	HH	1739	17116	0.41%	0.015%
161	7.307	7.298	7.314	HH	1741	16495	0.39%	0.014%
162	7.317	7.314	7.330	HH	1726	16072	0.38%	0.014%
163	7.344	7.330	7.371	HH	1846	41998	1.00%	0.036%
164	7.408	7.371	7.434	HH	2634	74903	1.78%	0.064%
165	7.456	7.434	7.477	HH	2240	52954	1.26%	0.045%
166	7.482	7.477	7.486	HH	2103	10914	0.26%	0.009%
167	7.489	7.486	7.493	HH	1979	7366	0.18%	0.006%
168	7.496	7.493	7.513	HH	1951	23352	0.56%	0.020%
169	7.550	7.513	7.563	HH	2311	59419	1.41%	0.051%
170	7.577	7.563	7.599	HH	2467	48822	1.16%	0.042%
171	7.624	7.599	7.629	HH	2297	39040	0.93%	0.033%
172	7.632	7.629	7.649	HH	2149	24187	0.58%	0.021%
173	7.675	7.649	7.703	HH	2412	73526	1.75%	0.063%
174	7.711	7.703	7.727	HH	2380	32447	0.77%	0.028%
175	7.754	7.727	7.764	HH	2550	51945	1.24%	0.044%
176	7.767	7.764	7.786	HH	2501	31856	0.76%	0.027%
177	7.796	7.786	7.819	HH	2403	46677	1.11%	0.040%
178	7.822	7.819	7.840	HH	2466	30815	0.73%	0.026%
179	7.847	7.840	7.854	HH	2346	18901	0.45%	0.016%
180	7.878	7.854	7.889	HH	2499	49674	1.18%	0.043%
181	7.905	7.889	7.921	HH	2472	46736	1.11%	0.040%
182	7.953	7.921	7.965	HH	3547	78082	1.86%	0.067%
183	7.997	7.965	8.066	HH	245702	2705580	64.42%	2.316%
184	8.071	8.066	8.098	HH	3129	56000	1.33%	0.048%
185	8.122	8.098	8.154	HH	4290	111253	2.65%	0.095%
186	8.174	8.154	8.197	HH	3151	75598	1.80%	0.065%
187	8.201	8.197	8.219	HH	2825	35085	0.84%	0.030%
188	8.237	8.219	8.248	HH	2873	47482	1.13%	0.041%
189	8.264	8.248	8.302	HH	2905	87929	2.09%	0.075%
190	8.323	8.302	8.347	HH	3277	82003	1.95%	0.070%
191	8.364	8.347	8.376	HH	2996	50355	1.20%	0.043%
192	8.390	8.376	8.412	HH	2864	60009	1.43%	0.051%
193	8.427	8.412	8.439	HH	2936	45474	1.08%	0.039%
194	8.458	8.439	8.463	HH	3042	43988	1.05%	0.038%

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195	8.472	8.463	8.477	HH	3046	24348	0.58%	0.021%
196	8.494	8.477	8.510	HH	3767	68014	1.62%	0.058%
197	8.526	8.510	8.549	HH	3427	73701	1.75%	0.063%
198	8.553	8.549	8.565	HH	3192	30153	0.72%	0.026%
199	8.588	8.565	8.616	HH	3384	95497	2.27%	0.082%
200	8.643	8.616	8.676	HH	3532	117405	2.80%	0.100%
201	8.685	8.676	8.709	HH	3409	64825	1.54%	0.055%
202	8.724	8.709	8.739	HH	3506	61333	1.46%	0.052%
203	8.745	8.739	8.780	HH	3417	81411	1.94%	0.070%
204	8.817	8.780	8.844	HH	3820	127659	3.04%	0.109%
205	8.867	8.844	8.892	HH	3596	96587	2.30%	0.083%
206	8.904	8.892	8.922	HH	3375	58235	1.39%	0.050%
207	8.927	8.922	8.959	HH	3265	71673	1.71%	0.061%
208	8.978	8.959	9.001	HH	3703	88380	2.10%	0.076%
209	9.007	9.001	9.022	HH	3392	42197	1.00%	0.036%
210	9.051	9.022	9.069	HH	3403	93040	2.22%	0.080%
211	9.075	9.069	9.087	HH	3466	37270	0.89%	0.032%
212	9.106	9.087	9.111	HH	3492	47978	1.14%	0.041%
213	9.129	9.111	9.165	HH	4859	138098	3.29%	0.118%
214	9.185	9.165	9.199	HH	4489	84458	2.01%	0.072%
215	9.211	9.199	9.254	HH	4287	130557	3.11%	0.112%
216	9.273	9.254	9.291	HH	4081	86101	2.05%	0.074%
217	9.319	9.291	9.352	HH	3990	136161	3.24%	0.117%
218	9.371	9.352	9.392	HH	4337	94381	2.25%	0.081%
219	9.420	9.392	9.448	HH	7230	164019	3.91%	0.140%
220	9.478	9.448	9.520	HH	4557	180500	4.30%	0.154%
221	9.538	9.520	9.558	HH	4776	101145	2.41%	0.087%
222	9.588	9.558	9.637	HH	249786	2834525	67.49%	2.426%
223	9.642	9.637	9.690	HH	5179	152059	3.62%	0.130%
224	9.712	9.690	9.723	HH	4859	92453	2.20%	0.079%
225	9.728	9.723	9.742	HH	4737	52089	1.24%	0.045%
226	9.792	9.742	9.834	HH	5624	276856	6.59%	0.237%
227	9.842	9.834	9.875	HH	4845	117613	2.80%	0.101%
228	9.888	9.875	9.894	HH	4778	51578	1.23%	0.044%
229	9.928	9.894	9.936	HH	5161	124974	2.98%	0.107%
230	9.950	9.936	9.992	HH	5213	171988	4.10%	0.147%
231	9.997	9.992	10.001	HH	5120	28225	0.67%	0.024%
232	10.004	10.001	10.012	HH	5092	33208	0.79%	0.028%
233	10.034	10.012	10.041	HH	5471	91610	2.18%	0.078%
234	10.048	10.041	10.051	HH	5443	30411	0.72%	0.026%
235	10.092	10.051	10.099	HH	6049	161175	3.84%	0.138%
236	10.112	10.099	10.135	HH	6270	132758	3.16%	0.114%
237	10.151	10.135	10.169	HH	5771	114112	2.72%	0.098%
238	10.217	10.169	10.230	HH	5958	210464	5.01%	0.180%
239	10.247	10.230	10.269	HH	6313	138987	3.31%	0.119%
240	10.274	10.269	10.277	HH	5875	29426	0.70%	0.025%
241	10.299	10.277	10.305	HH	6009	97890	2.33%	0.084%
242	10.327	10.305	10.364	HH	6239	214190	5.10%	0.183%
243	10.378	10.364	10.408	HH	6329	160569	3.82%	0.137%
244	10.432	10.408	10.436	HH	6170	104267	2.48%	0.089%
245	10.451	10.436	10.491	HH	6233	200035	4.76%	0.171%
246	10.498	10.491	10.515	HH	6005	87362	2.08%	0.075%

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247	10.535	10.515	10.554	HH	6263	142354	3.39%	0.122%
248	10.565	10.554	10.597	HH	6461	158582	3.78%	0.136%
249	10.619	10.597	10.651	HH	6614	203730	4.85%	0.174%
250	10.674	10.651	10.682	HH	6318	116008	2.76%	0.099%
251	10.685	10.682	10.692	HH	6256	35907	0.85%	0.031%
252	10.708	10.692	10.740	HH	6571	184526	4.39%	0.158%
253	10.755	10.740	10.770	HH	6541	115402	2.75%	0.099%
254	10.788	10.770	10.814	HH	6586	166459	3.96%	0.142%
255	10.818	10.814	10.825	HH	6498	42441	1.01%	0.036%
256	10.864	10.825	10.894	HH	6868	272654	6.49%	0.233%
257	10.897	10.894	10.901	HH	6473	27356	0.65%	0.023%
258	10.904	10.901	10.908	HH	6499	27499	0.65%	0.024%
259	10.921	10.908	10.938	HH	6547	117208	2.79%	0.100%
260	10.956	10.938	10.984	HH	6721	177103	4.22%	0.152%
261	11.024	10.984	11.084	HH	246521	3104530	73.92%	2.657%
262	11.089	11.084	11.094	HH	6657	40025	0.95%	0.034%
263	11.113	11.094	11.159	HH	6920	258314	6.15%	0.221%
264	11.184	11.159	11.188	HH	6760	115199	2.74%	0.099%
265	11.194	11.188	11.215	HH	6741	108060	2.57%	0.092%
266	11.221	11.215	11.229	HH	6561	50925	1.21%	0.044%
267	11.237	11.229	11.242	HH	6521	52857	1.26%	0.045%
268	11.254	11.242	11.309	HH	6596	261253	6.22%	0.224%
269	11.328	11.309	11.337	HH	6704	110467	2.63%	0.095%
270	11.340	11.337	11.353	HH	6693	63195	1.50%	0.054%
271	11.371	11.353	11.383	HH	6800	120345	2.87%	0.103%
272	11.424	11.383	11.450	HH	7287	270829	6.45%	0.232%
273	11.462	11.450	11.470	HH	6754	83199	1.98%	0.071%
274	11.501	11.470	11.527	HH	7128	231459	5.51%	0.198%
275	11.538	11.527	11.546	HH	6942	78707	1.87%	0.067%
276	11.560	11.546	11.567	HH	6835	85472	2.04%	0.073%
277	11.571	11.567	11.581	HH	6810	55287	1.32%	0.047%
278	11.589	11.581	11.595	HH	6980	60806	1.45%	0.052%
279	11.598	11.595	11.614	HH	6923	75181	1.79%	0.064%
280	11.620	11.614	11.654	HH	6933	163694	3.90%	0.140%
281	11.664	11.654	11.669	HH	6928	61201	1.46%	0.052%
282	11.693	11.669	11.718	HH	7787	212133	5.05%	0.182%
283	11.724	11.718	11.739	HH	6964	86738	2.07%	0.074%
284	11.759	11.739	11.769	HH	7176	126342	3.01%	0.108%
285	11.785	11.769	11.804	HH	7716	154936	3.69%	0.133%
286	11.817	11.804	11.822	HH	7193	73474	1.75%	0.063%
287	11.834	11.822	11.864	HH	7309	180524	4.30%	0.155%
288	11.874	11.864	11.896	HH	7463	141009	3.36%	0.121%
289	11.900	11.896	11.905	HH	7120	41020	0.98%	0.035%
290	11.919	11.905	11.941	HH	7377	151785	3.61%	0.130%
291	11.949	11.941	11.954	HH	7062	57146	1.36%	0.049%
292	11.975	11.954	11.997	HH	7637	188708	4.49%	0.162%
293	12.001	11.997	12.005	HH	7437	34172	0.81%	0.029%
294	12.012	12.005	12.091	HH	7517	371752	8.85%	0.318%
295	12.100	12.091	12.120	HH	7198	125503	2.99%	0.107%
296	12.158	12.120	12.180	HH	7194	250082	5.95%	0.214%
297	12.185	12.180	12.202	HH	6999	90756	2.16%	0.078%
298	12.208	12.202	12.222	HH	6914	83219	1.98%	0.071%
299	12.227	12.222	12.230	HH	6885	34326	0.82%	0.029%

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300	12.244	12.230	12.249	HH	7054	77160	1.84%	0.066%
301	12.256	12.249	12.262	HH	7044	52838	1.26%	0.045%
302	12.269	12.262	12.285	HH	6930	94677	2.25%	0.081%
303	12.329	12.285	12.406	HH	240582	3172166	75.53%	2.715%
304	12.430	12.406	12.445	HH	7160	165908	3.95%	0.142%
305	12.456	12.445	12.474	HH	7153	118805	2.83%	0.102%
306	12.483	12.474	12.493	HH	6849	77848	1.85%	0.067%
307	12.518	12.493	12.539	HH	7135	187724	4.47%	0.161%
308	12.546	12.539	12.567	HH	6845	111639	2.66%	0.096%
309	12.576	12.567	12.605	HH	7012	154372	3.68%	0.132%
310	12.611	12.605	12.622	HH	6750	69006	1.64%	0.059%
311	12.638	12.622	12.652	HH	6767	118791	2.83%	0.102%
312	12.654	12.652	12.658	HH	6600	25247	0.60%	0.022%
313	12.664	12.658	12.684	HH	6680	98460	2.34%	0.084%
314	12.689	12.684	12.701	HH	6533	68043	1.62%	0.058%
315	12.703	12.701	12.708	HH	6514	25360	0.60%	0.022%
316	12.719	12.708	12.725	HH	6536	68785	1.64%	0.059%
317	12.744	12.725	12.754	HH	6727	112567	2.68%	0.096%
318	12.772	12.754	12.799	HH	7228	181494	4.32%	0.155%
319	12.827	12.799	12.852	HH	6649	206917	4.93%	0.177%
320	12.860	12.852	12.865	HH	6384	49128	1.17%	0.042%
321	12.870	12.865	12.885	HH	6422	74815	1.78%	0.064%
322	12.901	12.885	12.920	HH	6551	135372	3.22%	0.116%
323	12.939	12.920	12.958	HH	6916	148854	3.54%	0.127%
324	12.961	12.958	12.982	HH	6349	92269	2.20%	0.079%
325	13.016	12.982	13.032	HH	7194	203354	4.84%	0.174%
326	13.037	13.032	13.064	HH	6964	127905	3.05%	0.109%
327	13.067	13.064	13.102	HH	6550	145131	3.46%	0.124%
328	13.116	13.102	13.135	HH	6299	124237	2.96%	0.106%
329	13.148	13.135	13.156	HH	6214	80316	1.91%	0.069%
330	13.172	13.156	13.197	HH	6354	150276	3.58%	0.129%
331	13.218	13.197	13.222	HH	6306	92896	2.21%	0.080%
332	13.225	13.222	13.240	HH	6204	67429	1.61%	0.058%
333	13.244	13.240	13.265	HH	6096	90021	2.14%	0.077%
334	13.289	13.265	13.305	HH	6465	149253	3.55%	0.128%
335	13.316	13.305	13.329	HH	6344	88794	2.11%	0.076%
336	13.332	13.329	13.336	HH	6299	25439	0.61%	0.022%
337	13.344	13.336	13.352	HH	6463	63197	1.50%	0.054%
338	13.360	13.352	13.390	HH	6568	145102	3.45%	0.124%
339	13.394	13.390	13.400	HH	6239	36884	0.88%	0.032%
340	13.423	13.400	13.444	HH	6297	161587	3.85%	0.138%
341	13.476	13.444	13.488	HH	6582	167860	4.00%	0.144%
342	13.521	13.488	13.557	HH	223679	2813034	66.98%	2.408%
343	13.563	13.557	13.610	HH	6504	200774	4.78%	0.172%
344	13.624	13.610	13.634	HH	6327	87945	2.09%	0.075%
345	13.648	13.634	13.675	HH	6344	154205	3.67%	0.132%
346	13.696	13.675	13.735	HH	6305	225010	5.36%	0.193%
347	13.746	13.735	13.760	HH	6368	93875	2.24%	0.080%
348	13.766	13.760	13.799	HH	6370	142796	3.40%	0.122%
349	13.809	13.799	13.815	HH	6196	62245	1.48%	0.053%
350	13.825	13.815	13.835	HH	6391	74857	1.78%	0.064%
351	13.840	13.835	13.849	HH	6290	49821	1.19%	0.043%

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352	13.876	13.849	13.906	HH	6825	222203	5.29%	0.190%
353	13.913	13.906	13.925	HH	6477	74340	1.77%	0.064%
354	13.954	13.925	13.999	HH	6438	276672	6.59%	0.237%
355	14.009	13.999	14.022	HH	6370	86785	2.07%	0.074%
356	14.028	14.022	14.061	HH	6374	147754	3.52%	0.126%
357	14.081	14.061	14.112	HH	6882	195307	4.65%	0.167%
358	14.124	14.112	14.130	HH	6208	68067	1.62%	0.058%
359	14.134	14.130	14.139	HH	6318	31114	0.74%	0.027%
360	14.162	14.139	14.197	HH	6478	220741	5.26%	0.189%
361	14.203	14.197	14.226	HH	6340	111648	2.66%	0.096%
362	14.237	14.226	14.262	HH	6469	134481	3.20%	0.115%
363	14.277	14.262	14.324	HH	6456	232258	5.53%	0.199%
364	14.325	14.324	14.329	HH	6239	20817	0.50%	0.018%
365	14.350	14.329	14.355	HH	6434	98443	2.34%	0.084%
366	14.366	14.355	14.380	HH	6491	94510	2.25%	0.081%
367	14.418	14.380	14.490	HH	176639	2744127	65.34%	2.349%
368	14.503	14.490	14.541	HH	6531	189974	4.52%	0.163%
369	14.549	14.541	14.554	HH	6299	49916	1.19%	0.043%
370	14.622	14.554	14.655	HH	211117	2904840	69.16%	2.486%
371	14.660	14.655	14.700	HH	6853	175164	4.17%	0.150%
372	14.713	14.700	14.732	HH	6366	117714	2.80%	0.101%
373	14.738	14.732	14.745	HH	6294	50086	1.19%	0.043%
374	14.750	14.745	14.756	HH	6275	39945	0.95%	0.034%
375	14.771	14.756	14.784	HH	6278	104804	2.50%	0.090%
376	14.818	14.784	14.862	HH	6613	290969	6.93%	0.249%
377	14.877	14.862	14.885	HH	6233	88016	2.10%	0.075%
378	14.898	14.885	14.907	HH	6354	82031	1.95%	0.070%
379	14.912	14.907	14.921	HH	6251	50434	1.20%	0.043%
380	14.929	14.921	14.933	HH	6194	45426	1.08%	0.039%
381	14.937	14.933	14.982	HH	6228	179573	4.28%	0.154%
382	15.039	14.982	15.064	HH	6364	305594	7.28%	0.262%
383	15.068	15.064	15.072	HH	6257	31179	0.74%	0.027%
384	15.092	15.072	15.097	HH	6389	95561	2.28%	0.082%
385	15.102	15.097	15.110	HH	6482	49767	1.18%	0.043%
386	15.137	15.110	15.172	HH	7374	250817	5.97%	0.215%
387	15.198	15.172	15.230	HH	7243	230253	5.48%	0.197%
388	15.239	15.230	15.246	HH	6322	59895	1.43%	0.051%
389	15.260	15.246	15.275	HH	6562	115612	2.75%	0.099%
390	15.281	15.275	15.308	HH	6529	124402	2.96%	0.106%
391	15.313	15.308	15.336	HH	6493	107212	2.55%	0.092%
392	15.344	15.336	15.371	HH	6494	134716	3.21%	0.115%
393	15.376	15.371	15.380	HH	6391	36674	0.87%	0.031%
394	15.394	15.380	15.398	HH	6534	69620	1.66%	0.060%
395	15.426	15.398	15.453	HH	6765	213737	5.09%	0.183%
396	15.458	15.453	15.465	HH	6515	48518	1.16%	0.042%
397	15.470	15.465	15.476	HH	6602	40047	0.95%	0.034%
398	15.508	15.476	15.529	HH	6657	206913	4.93%	0.177%
399	15.535	15.529	15.540	HH	6562	46778	1.11%	0.040%
400	15.545	15.540	15.555	HH	6543	57956	1.38%	0.050%
401	15.561	15.555	15.564	HH	6500	34952	0.83%	0.030%
402	15.591	15.564	15.599	HH	6653	136478	3.25%	0.117%
403	15.639	15.599	15.689	HH	188284	2772087	66.00%	2.373%
404	15.700	15.689	15.725	HH	6846	148669	3.54%	0.127%

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405	15.730	15.725	15.746	HH	6727	83476	1.99%	0.071%
406	15.772	15.746	15.791	HH	6825	179148	4.27%	0.153%
407	15.800	15.791	15.809	HH	6708	73117	1.74%	0.063%
408	15.836	15.809	15.850	HH	6864	165522	3.94%	0.142%
409	15.854	15.850	15.860	HH	6669	39979	0.95%	0.034%
410	15.866	15.860	15.870	HH	6674	39619	0.94%	0.034%
411	15.871	15.870	15.880	HH	6709	38562	0.92%	0.033%
412	15.896	15.880	15.909	HH	6770	115379	2.75%	0.099%
413	15.914	15.909	15.917	HH	6722	31313	0.75%	0.027%
414	15.940	15.917	15.954	HH	6814	151246	3.60%	0.129%
415	15.973	15.954	15.986	HH	6846	129779	3.09%	0.111%
416	15.992	15.986	15.997	HH	6873	44196	1.05%	0.038%
417	16.012	15.997	16.034	HH	6946	152447	3.63%	0.130%
418	16.084	16.034	16.087	HH	7229	221526	5.27%	0.190%
419	16.091	16.087	16.098	HH	7151	42930	1.02%	0.037%
420	16.118	16.098	16.165	HH	8483	302964	7.21%	0.259%
421	16.201	16.165	16.234	HH	32638	609071	14.50%	0.521%
422	16.238	16.234	16.267	HH	7166	140522	3.35%	0.120%
423	16.275	16.267	16.301	HH	7152	143559	3.42%	0.123%
424	16.335	16.301	16.370	HH	7303	296975	7.07%	0.254%
425	16.392	16.370	16.420	HH	7738	219500	5.23%	0.188%
426	16.426	16.420	16.432	HH	7149	49494	1.18%	0.042%
427	16.436	16.432	16.440	HH	7098	33405	0.80%	0.029%
428	16.469	16.440	16.487	HH	7484	205737	4.90%	0.176%
429	16.493	16.487	16.504	HH	7267	73621	1.75%	0.063%
430	16.509	16.504	16.515	HH	7209	48225	1.15%	0.041%
431	16.585	16.515	16.621	HH	181567	2824719	67.26%	2.418%
432	16.627	16.621	16.664	HH	8369	198510	4.73%	0.170%
433	16.677	16.664	16.717	HH	7510	236368	5.63%	0.202%
434	16.737	16.717	16.747	HH	7430	132209	3.15%	0.113%
435	16.764	16.747	16.799	HH	7624	232008	5.52%	0.199%
436	16.809	16.799	16.819	HH	7537	87586	2.09%	0.075%
437	16.822	16.819	16.848	HH	7516	131116	3.12%	0.112%
438	16.869	16.848	16.875	HH	7538	121324	2.89%	0.104%
439	16.918	16.875	16.927	HH	7713	233930	5.57%	0.200%
440	16.937	16.927	16.944	HH	7552	75252	1.79%	0.064%
441	16.969	16.944	16.977	HH	7669	150971	3.59%	0.129%
442	16.993	16.977	17.003	HH	7753	119469	2.84%	0.102%
443	17.035	17.003	17.074	HH	9880	351155	8.36%	0.301%
444	17.089	17.074	17.097	HH	7579	106319	2.53%	0.091%
445	17.128	17.097	17.149	HH	8064	241446	5.75%	0.207%
446	17.153	17.149	17.169	HH	7753	93430	2.22%	0.080%
447	17.188	17.169	17.196	HH	7707	124313	2.96%	0.106%
448	17.221	17.196	17.225	HH	7825	135001	3.21%	0.116%
449	17.231	17.225	17.240	HH	7880	69420	1.65%	0.059%
450	17.257	17.240	17.282	HH	7884	195174	4.65%	0.167%
451	17.287	17.282	17.301	HH	7813	91030	2.17%	0.078%
452	17.308	17.301	17.312	HH	7857	49859	1.19%	0.043%
453	17.318	17.312	17.326	HH	7938	64185	1.53%	0.055%
454	17.360	17.326	17.383	HH	9528	290172	6.91%	0.248%
455	17.392	17.383	17.412	HH	8121	140899	3.35%	0.121%
456	17.468	17.412	17.518	HH	169471	2796667	66.59%	2.394%

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457	17.531	17.518	17.583	HH	8870	331282	7.89%	0.284%
458	17.604	17.583	17.617	HH	8372	168363	4.01%	0.144%
459	17.628	17.617	17.646	HH	8407	144734	3.45%	0.124%
460	17.650	17.646	17.675	HH	8394	144661	3.44%	0.124%
461	17.682	17.675	17.712	HH	8245	182439	4.34%	0.156%
462	17.744	17.712	17.761	HH	8857	254656	6.06%	0.218%
463	17.772	17.761	17.829	HH	8973	344944	8.21%	0.295%
464	17.850	17.829	17.858	HH	8668	151561	3.61%	0.130%
465	17.889	17.858	17.933	HH	10852	415387	9.89%	0.356%
466	17.940	17.933	17.947	HH	8514	71668	1.71%	0.061%
467	17.955	17.947	17.972	HH	8531	127845	3.04%	0.109%
468	17.978	17.972	18.002	HH	8529	150768	3.59%	0.129%
469	18.008	18.002	18.030	HH	8482	141537	3.37%	0.121%
470	18.035	18.030	18.048	HH	8533	89041	2.12%	0.076%
471	18.069	18.048	18.089	HH	8563	210929	5.02%	0.181%
472	18.095	18.089	18.102	HH	8489	63746	1.52%	0.055%
473	18.107	18.102	18.119	HH	8592	88449	2.11%	0.076%
474	18.150	18.119	18.169	HH	8783	257851	6.14%	0.221%
475	18.183	18.169	18.194	HH	8778	131484	3.13%	0.113%
476	18.202	18.194	18.225	HH	8838	164999	3.93%	0.141%
477	18.245	18.225	18.252	HH	9332	140835	3.35%	0.121%
478	18.298	18.252	18.385	HH	147180	2760254	65.72%	2.363%
479	18.433	18.385	18.439	HH	10174	312153	7.43%	0.267%
480	18.445	18.439	18.463	HH	10115	145027	3.45%	0.124%
481	18.477	18.463	18.507	HH	10103	261950	6.24%	0.224%
482	18.525	18.507	18.549	HH	9838	242405	5.77%	0.207%
483	18.556	18.549	18.562	HH	9682	76270	1.82%	0.065%
484	18.595	18.562	18.615	HH	10974	327649	7.80%	0.280%
485	18.692	18.615	18.734	HH	12431	771099	18.36%	0.660%
486	18.738	18.734	18.752	HH	10332	108286	2.58%	0.093%
487	18.759	18.752	18.770	HH	10353	113371	2.70%	0.097%
488	18.774	18.770	18.784	HH	10287	83903	2.00%	0.072%
489	18.791	18.784	18.795	HH	10296	70210	1.67%	0.060%
490	18.800	18.795	18.804	HH	10319	51208	1.22%	0.044%
491	18.808	18.804	18.814	HH	10352	61975	1.48%	0.053%
492	18.817	18.814	18.822	HH	10500	52002	1.24%	0.045%
493	18.858	18.822	18.887	HH	11463	427025	10.17%	0.366%
494	18.909	18.887	18.934	HH	11027	301096	7.17%	0.258%
495	18.946	18.934	18.957	HH	10891	151017	3.60%	0.129%
496	18.960	18.957	18.967	HH	10777	63194	1.50%	0.054%
497	18.992	18.967	19.004	HH	11067	241637	5.75%	0.207%
498	19.079	19.004	19.162	HH	111345	2632085	62.67%	2.253%
499	19.301	19.162	19.311	HH	14789	1222351	29.10%	1.046%
500	19.315	19.311	19.336	HH	14618	219116	5.22%	0.188%
501	19.369	19.336	19.430	HH	15412	810952	19.31%	0.694%
502	19.451	19.430	19.481	HH	14583	423154	10.08%	0.362%
503	19.485	19.481	19.500	HH	13519	158492	3.77%	0.136%
504	19.529	19.500	19.535	HH	13711	285433	6.80%	0.244%
505	19.602	19.535	19.617	HH	14340	689013	16.41%	0.590%
506	19.640	19.617	19.647	HH	14681	261536	6.23%	0.224%
507	19.714	19.647	19.755	HH	15877	997048	23.74%	0.853%
508	19.816	19.755	19.903	HH	79908	2475284	58.94%	2.119%
509	19.906	19.903	19.932	HH	17384	298748	7.11%	0.256%

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510	19.972	19.932	19.992	HH	18456	650000	15.48%	0.556%
511	20.064	19.992	20.068	HH	18610	828968	19.74%	0.710%
512	20.096	20.068	20.105	HH	18939	413398	9.84%	0.354%
513	20.171	20.105	20.198	HH	20448	1098625	26.16%	0.940%
514	20.325	20.198	20.361	HH	23029	2082733	49.59%	1.783%
515	20.366	20.361	20.371	HH	21881	137088	3.26%	0.117%
516	20.521	20.371	20.595	HH	62085	3819585	90.95%	3.269%
517	20.602	20.595	20.627	HH	25325	478221	11.39%	0.409%
518	20.630	20.627	20.654	HH	24994	399478	9.51%	0.342%
519	20.678	20.654	20.690	HH	25191	552168	13.15%	0.473%
520	20.814	20.690	20.944	HH	30417	4199885	100.00%	3.595%
521	20.948	20.944	20.980	HH	26798	586676	13.97%	0.502%
522	20.986	20.980	20.991	HH	26717	167770	3.99%	0.144%
523	20.994	20.991	21.005	HH	26615	231326	5.51%	0.198%
524	21.020	21.005	21.032	HH	26719	427915	10.19%	0.366%
525	21.038	21.032	21.060	HH	26551	447381	10.65%	0.383%
526	21.064	21.060	21.069	HH	26522	139178	3.31%	0.119%
527	21.092	21.069	21.117	HH	26663	763292	18.17%	0.653%
528	21.125	21.117	21.132	HH	26568	238830	5.69%	0.204%
529	21.134	21.132	21.147	HH	26596	242121	5.76%	0.207%
530	21.177	21.147	21.184	HH	26760	582475	13.87%	0.499%
531	21.188	21.184	21.210	HH	26888	419886	10.00%	0.359%
532	21.222	21.210	21.232	HH	27001	358887	8.55%	0.307%
533	21.241	21.232	21.250	HH	26948	284974	6.79%	0.244%
534	21.330	21.250	21.441	HH	49696	3701405	88.13%	3.168%
535	21.445	21.441	21.489	HH	28124	804075	19.15%	0.688%

Sum of corrected areas: 116830802

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