

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031822\
 Data File : FE035410.D
 Signal(s) : FID1B.CH
 Acq On : 18 Mar 2022 16:53
 Sample : N1970-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE030922.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.124	2.102	2.159	BH	493	3270	0.02%	0.000%
2	2.162	2.159	2.169	PH	43	-277	-0.00%	-0.000%
3	2.186	2.169	2.212	PH	565	2771	0.02%	0.000%
4	2.219	2.212	2.239	PH	-65	-1605	-0.01%	-0.000%
5	2.249	2.239	2.276	PH	-53	-3941	-0.03%	-0.000%
6	2.280	2.276	2.293	PH	-254	-2828	-0.02%	-0.000%
7	2.302	2.293	2.342	PH	-141	-6986	-0.05%	-0.001%
8	2.366	2.342	2.376	PH	112	-1314	-0.01%	-0.000%
9	2.378	2.376	2.396	PH	-83	-1909	-0.01%	-0.000%
10	2.409	2.396	2.429	PH	897	4416	0.03%	0.000%
11	2.447	2.429	2.459	PH	225	-890	-0.01%	-0.000%
12	2.464	2.459	2.476	PH	-142	-2195	-0.02%	-0.000%
13	2.495	2.476	2.512	PH	362	-2271	-0.02%	-0.000%
14	2.525	2.512	2.561	PH	-180	-9508	-0.07%	-0.001%
15	2.572	2.561	2.589	PH	-327	-7063	-0.05%	-0.001%
16	2.593	2.589	2.598	PH	-518	-3001	-0.02%	-0.000%
17	2.627	2.598	2.688	PH	5977	35537	0.25%	0.004%
18	2.722	2.688	2.769	PH	3997	47903	0.33%	0.005%
19	2.777	2.769	2.806	PH	35	-3474	-0.02%	-0.000%
20	2.814	2.806	2.818	PH	-214	-1722	-0.01%	-0.000%
21	2.820	2.818	2.824	PH	-218	-955	-0.01%	-0.000%
22	2.833	2.824	2.851	PH	-202	-4908	-0.03%	-0.001%
23	2.894	2.851	2.917	PH	487	551	0.00%	0.000%
24	2.934	2.917	2.964	PH	2243	16952	0.12%	0.002%
25	2.996	2.964	3.046	PH	104	-9343	-0.07%	-0.001%
26	3.052	3.046	3.100	PH	-457	-17977	-0.13%	-0.002%
27	3.118	3.100	3.131	PH	-450	-11210	-0.08%	-0.001%
28	3.147	3.131	3.155	PH	-550	-9058	-0.06%	-0.001%
29	3.190	3.155	3.206	PH	56	-9825	-0.07%	-0.001%
30	3.214	3.206	3.258	PH	-461	-22585	-0.16%	-0.002%
31	3.277	3.258	3.287	PH	549	-2279	-0.02%	-0.000%
32	3.295	3.287	3.309	PH	150	-2631	-0.02%	-0.000%
33	3.319	3.309	3.330	PH	-408	-7300	-0.05%	-0.001%
34	3.348	3.330	3.372	PH	-119	-11333	-0.08%	-0.001%
35	3.377	3.372	3.404	PH	-472	-13418	-0.09%	-0.001%
36	3.410	3.404	3.422	PH	-596	-7974	-0.06%	-0.001%

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37	3.437	3.422	3.452	PH	-104	-6886	-0.05%	-0.001%
38	3.469	3.452	3.494	PH	15356	117827	0.82%	0.012%
39	3.498	3.494	3.519	PH	-460	-9280	-0.06%	-0.001%
40	3.544	3.519	3.561	PH	304	-7996	-0.06%	-0.001%
41	3.596	3.561	3.609	PH	2381	26259	0.18%	0.003%
42	3.614	3.609	3.646	HH	634	-3371	-0.02%	-0.000%
43	3.664	3.646	3.678	PH	-99	-6345	-0.04%	-0.001%
44	3.704	3.678	3.727	PH	973	-4832	-0.03%	-0.001%
45	3.751	3.727	3.770	PH	106	-9704	-0.07%	-0.001%
46	3.774	3.770	3.778	PH	-442	-2279	-0.02%	-0.000%
47	3.784	3.778	3.797	PH	-391	-6150	-0.04%	-0.001%
48	3.819	3.797	3.827	PH	-359	-9289	-0.06%	-0.001%
49	3.838	3.827	3.850	PH	270	-1606	-0.01%	-0.000%
50	3.860	3.850	3.868	PH	-46	-1515	-0.01%	-0.000%
51	3.897	3.868	3.914	PH	1066	10001	0.07%	0.001%
52	3.928	3.914	3.949	PH	388	-511	-0.00%	-0.000%
53	3.970	3.949	3.979	PH	-132	-4764	-0.03%	-0.000%
54	4.000	3.979	4.024	PH	1424	13009	0.09%	0.001%
55	4.039	4.024	4.059	PH	410	193	0.00%	0.000%
56	4.071	4.059	4.090	PH	-115	-6052	-0.04%	-0.001%
57	4.100	4.090	4.122	PH	-330	-10120	-0.07%	-0.001%
58	4.125	4.122	4.127	PH	-514	-1518	-0.01%	-0.000%
59	4.144	4.127	4.168	PH	196	-6226	-0.04%	-0.001%
60	4.187	4.168	4.220	PH	195	-5113	-0.04%	-0.001%
61	4.236	4.220	4.256	PH	308	-4131	-0.03%	-0.000%
62	4.274	4.256	4.289	PH	-99	-7268	-0.05%	-0.001%
63	4.307	4.289	4.319	PH	2	-3541	-0.02%	-0.000%
64	4.337	4.319	4.361	PH	6540	49766	0.35%	0.005%
65	4.381	4.361	4.412	PH	7852	81358	0.57%	0.008%
66	4.446	4.412	4.473	HH	3797	63067	0.44%	0.007%
67	4.486	4.473	4.500	HH	1824	14997	0.10%	0.002%
68	4.512	4.500	4.531	PH	568	3863	0.03%	0.000%
69	4.558	4.531	4.576	PH	327	-89	-0.00%	-0.000%
70	4.601	4.576	4.615	PH	196	-208	-0.00%	-0.000%
71	4.630	4.615	4.641	PH	1334	12662	0.09%	0.001%
72	4.645	4.641	4.675	HH	1025	7990	0.06%	0.001%
73	4.696	4.675	4.736	PH	3066	22642	0.16%	0.002%
74	4.759	4.736	4.775	PH	858	5241	0.04%	0.001%
75	4.785	4.775	4.802	PH	22	-3262	-0.02%	-0.000%
76	4.846	4.802	4.861	PH	961	7402	0.05%	0.001%
77	4.871	4.861	4.894	HH	882	5950	0.04%	0.001%
78	4.919	4.894	4.929	PH	1446	14858	0.10%	0.002%
79	4.941	4.929	4.983	HH	2076	39690	0.28%	0.004%
80	4.989	4.983	5.008	HH	641	4307	0.03%	0.000%
81	5.033	5.008	5.044	PH	305	2543	0.02%	0.000%
82	5.061	5.044	5.074	PH	1052	10688	0.07%	0.001%
83	5.087	5.074	5.100	HH	1082	11634	0.08%	0.001%
84	5.121	5.100	5.136	HH	1221	19113	0.13%	0.002%
85	5.148	5.136	5.165	HH	1931	22472	0.16%	0.002%
86	5.177	5.165	5.201	HH	1192	14613	0.10%	0.002%
87	5.212	5.201	5.228	HH	1089	11655	0.08%	0.001%
88	5.239	5.228	5.251	HH	872	6117	0.04%	0.001%
89	5.280	5.251	5.320	PH	5662	86873	0.61%	0.009%

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90	5.347	5.320	5.366	HH	1313	24001	0.17%	0.003%
91	5.387	5.366	5.400	HH	1144	14099	0.10%	0.001%
92	5.438	5.400	5.473	HH	6758	107476	0.75%	0.011%
93	5.485	5.473	5.500	HH	1048	13979	0.10%	0.001%
94	5.516	5.500	5.528	HH	1931	24019	0.17%	0.003%
95	5.547	5.528	5.586	HH	4102	87220	0.61%	0.009%
96	5.606	5.586	5.621	HH	1873	31709	0.22%	0.003%
97	5.631	5.621	5.642	HH	1622	18528	0.13%	0.002%
98	5.653	5.642	5.660	HH	1924	18583	0.13%	0.002%
99	5.670	5.660	5.694	HH	2107	24510	0.17%	0.003%
100	5.715	5.694	5.732	HH	3994	49973	0.35%	0.005%
101	5.765	5.732	5.784	HH	4599	78789	0.55%	0.008%
102	5.809	5.784	5.841	HH	24873	336712	2.35%	0.035%
103	5.855	5.841	5.877	HH	5476	91381	0.64%	0.010%
104	5.900	5.877	5.923	HH	4393	83500	0.58%	0.009%
105	5.941	5.923	5.956	HH	5316	80674	0.56%	0.008%
106	5.979	5.956	6.007	HH	5232	129004	0.90%	0.013%
107	6.024	6.007	6.032	HH	3551	44740	0.31%	0.005%
108	6.046	6.032	6.061	HH	4574	63141	0.44%	0.007%
109	6.077	6.061	6.084	HH	3407	43148	0.30%	0.004%
110	6.085	6.084	6.100	HH	3352	30481	0.21%	0.003%
111	6.119	6.100	6.136	HH	4236	75267	0.52%	0.008%
112	6.169	6.136	6.178	HH	4734	102661	0.72%	0.011%
113	6.187	6.178	6.228	HH	4395	103269	0.72%	0.011%
114	6.240	6.228	6.252	HH	3988	49402	0.34%	0.005%
115	6.257	6.252	6.267	HH	3360	28268	0.20%	0.003%
116	6.275	6.267	6.291	HH	3373	40027	0.28%	0.004%
117	6.324	6.291	6.348	HH	4020	101374	0.71%	0.011%
118	6.363	6.348	6.371	HH	4203	47275	0.33%	0.005%
119	6.389	6.371	6.408	HH	10837	157466	1.10%	0.016%
120	6.421	6.408	6.450	HH	8321	137660	0.96%	0.014%
121	6.459	6.450	6.471	HH	3368	39852	0.28%	0.004%
122	6.492	6.471	6.506	HH	4955	85601	0.60%	0.009%
123	6.516	6.506	6.529	HH	4306	54887	0.38%	0.006%
124	6.557	6.529	6.579	HH	6290	141425	0.99%	0.015%
125	6.591	6.579	6.604	HH	4612	57633	0.40%	0.006%
126	6.633	6.604	6.666	HH	6139	173914	1.21%	0.018%
127	6.687	6.666	6.702	HH	5293	100690	0.70%	0.010%
128	6.725	6.702	6.734	HH	6224	99690	0.69%	0.010%
129	6.757	6.734	6.777	HH	9100	180361	1.26%	0.019%
130	6.794	6.777	6.826	HH	8055	167992	1.17%	0.018%
131	6.859	6.826	6.892	HH	9673	270638	1.89%	0.028%
132	6.898	6.892	6.916	HH	5698	70353	0.49%	0.007%
133	6.945	6.916	6.971	HH	12231	258856	1.80%	0.027%
134	6.991	6.971	7.019	HH	12440	234100	1.63%	0.024%
135	7.036	7.019	7.052	HH	8102	128819	0.90%	0.013%
136	7.062	7.052	7.088	HH	5793	109813	0.77%	0.011%
137	7.134	7.088	7.145	HH	6499	193432	1.35%	0.020%
138	7.160	7.145	7.186	HH	9262	163053	1.14%	0.017%
139	7.211	7.186	7.230	HH	6685	148260	1.03%	0.015%
140	7.242	7.230	7.264	HH	6030	110736	0.77%	0.012%
141	7.286	7.264	7.307	HH	6693	144501	1.01%	0.015%

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142	7.333	7.307	7.361	HH	10992	234370	1.63%	0.024%
143	7.379	7.361	7.401	HH	6288	121035	0.84%	0.013%
144	7.437	7.401	7.457	HH	6794	176842	1.23%	0.018%
145	7.492	7.457	7.508	HH	7460	176747	1.23%	0.018%
146	7.522	7.508	7.555	HH	6592	147257	1.03%	0.015%
147	7.583	7.555	7.601	HH	7973	165434	1.15%	0.017%
148	7.621	7.601	7.646	HH	6883	170131	1.19%	0.018%
149	7.650	7.646	7.654	HH	5421	27099	0.19%	0.003%
150	7.659	7.654	7.665	HH	5510	35192	0.25%	0.004%
151	7.679	7.665	7.696	HH	6097	104982	0.73%	0.011%
152	7.724	7.696	7.736	HH	8140	169337	1.18%	0.018%
153	7.747	7.736	7.767	HH	8179	142611	0.99%	0.015%
154	7.781	7.767	7.813	HH	8211	186268	1.30%	0.019%
155	7.849	7.813	7.881	HH	12609	340998	2.38%	0.036%
156	7.895	7.881	7.918	HH	8042	153455	1.07%	0.016%
157	7.947	7.918	7.964	HH	13466	252264	1.76%	0.026%
158	7.977	7.964	7.995	HH	8684	149319	1.04%	0.016%
159	8.026	7.995	8.049	HH	12184	279334	1.95%	0.029%
160	8.057	8.049	8.064	HH	6719	58972	0.41%	0.006%
161	8.096	8.064	8.106	HH	11720	221440	1.54%	0.023%
162	8.126	8.106	8.158	HH	17206	371863	2.59%	0.039%
163	8.174	8.158	8.192	HH	10679	168711	1.18%	0.018%
164	8.218	8.192	8.246	HH	10433	254713	1.77%	0.027%
165	8.259	8.246	8.286	HH	8889	180049	1.25%	0.019%
166	8.299	8.286	8.335	HH	6153	165359	1.15%	0.017%
167	8.351	8.335	8.360	HH	5846	82350	0.57%	0.009%
168	8.380	8.360	8.389	HH	8228	124188	0.87%	0.013%
169	8.421	8.389	8.456	HH	71328	970437	6.76%	0.101%
170	8.473	8.456	8.516	HH	10719	300143	2.09%	0.031%
171	8.535	8.516	8.546	HH	8093	138849	0.97%	0.014%
172	8.562	8.546	8.602	HH	10954	260473	1.82%	0.027%
173	8.632	8.602	8.645	HH	7781	174205	1.21%	0.018%
174	8.679	8.645	8.691	HH	19982	394015	2.75%	0.041%
175	8.698	8.691	8.721	HH	16231	217589	1.52%	0.023%
176	8.733	8.721	8.748	HH	8250	125378	0.87%	0.013%
177	8.764	8.748	8.775	HH	8048	126333	0.88%	0.013%
178	8.785	8.775	8.797	HH	8356	107127	0.75%	0.011%
179	8.803	8.797	8.815	HH	7463	77563	0.54%	0.008%
180	8.834	8.815	8.857	HH	10137	224187	1.56%	0.023%
181	8.872	8.857	8.916	HH	11697	285909	1.99%	0.030%
182	8.930	8.916	8.952	HH	6587	128650	0.90%	0.013%
183	8.987	8.952	9.006	HH	11999	244674	1.70%	0.025%
184	9.019	9.006	9.034	HH	8009	116305	0.81%	0.012%
185	9.041	9.034	9.054	HH	6183	69107	0.48%	0.007%
186	9.070	9.054	9.086	HH	6331	112927	0.79%	0.012%
187	9.122	9.086	9.149	HH	11066	297551	2.07%	0.031%
188	9.163	9.149	9.180	HH	6572	115225	0.80%	0.012%
189	9.204	9.180	9.257	HH	39641	733513	5.11%	0.076%
190	9.282	9.257	9.306	HH	14339	276957	1.93%	0.029%
191	9.321	9.306	9.334	HH	9117	139435	0.97%	0.015%
192	9.352	9.334	9.368	HH	13646	220609	1.54%	0.023%
193	9.380	9.368	9.395	HH	11468	162838	1.13%	0.017%
194	9.409	9.395	9.436	HH	11879	222065	1.55%	0.023%

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195	9.447	9.436	9.485	HH	7483	192551	1.34%	0.020%
196	9.491	9.485	9.503	HH	5828	63491	0.44%	0.007%
197	9.527	9.503	9.562	HH	14166	327700	2.28%	0.034%
198	9.577	9.562	9.596	HH	9222	163808	1.14%	0.017%
199	9.626	9.596	9.669	HH	16762	451967	3.15%	0.047%
200	9.685	9.669	9.704	HH	8023	152319	1.06%	0.016%
201	9.719	9.704	9.754	HH	7987	199259	1.39%	0.021%
202	9.789	9.754	9.819	HH	7405	245600	1.71%	0.026%
203	9.832	9.819	9.837	HH	6029	64748	0.45%	0.007%
204	9.842	9.837	9.868	HH	5988	104362	0.73%	0.011%
205	9.891	9.868	9.916	HH	6568	177035	1.23%	0.018%
206	9.945	9.916	9.974	HH	8153	232169	1.62%	0.024%
207	10.003	9.974	10.032	HH	9933	277550	1.93%	0.029%
208	10.082	10.032	10.104	HH	17164	478451	3.33%	0.050%
209	10.121	10.104	10.143	HH	13291	248187	1.73%	0.026%
210	10.148	10.143	10.170	HH	8931	122706	0.86%	0.013%
211	10.197	10.170	10.237	HH	14774	416432	2.90%	0.043%
212	10.259	10.237	10.274	HH	10519	207784	1.45%	0.022%
213	10.286	10.274	10.306	HH	9667	166704	1.16%	0.017%
214	10.332	10.306	10.344	HH	10200	205620	1.43%	0.021%
215	10.365	10.344	10.379	HH	13785	247223	1.72%	0.026%
216	10.402	10.379	10.417	HH	15879	313773	2.19%	0.033%
217	10.426	10.417	10.457	HH	13536	265888	1.85%	0.028%
218	10.472	10.457	10.484	HH	9427	144104	1.00%	0.015%
219	10.498	10.484	10.516	HH	9882	171577	1.20%	0.018%
220	10.536	10.516	10.549	HH	8850	165629	1.15%	0.017%
221	10.567	10.549	10.575	HH	11968	165436	1.15%	0.017%
222	10.597	10.575	10.648	HH	85390	1304064	9.09%	0.136%
223	10.673	10.648	10.729	HH	33817	797702	5.56%	0.083%
224	10.733	10.729	10.769	HH	10750	244981	1.71%	0.026%
225	10.774	10.769	10.796	HH	9557	152825	1.06%	0.016%
226	10.816	10.796	10.839	HH	9627	233629	1.63%	0.024%
227	10.859	10.839	10.867	HH	9840	159430	1.11%	0.017%
228	10.875	10.867	10.883	HH	9935	93236	0.65%	0.010%
229	10.906	10.883	10.930	HH	19989	410032	2.86%	0.043%
230	10.943	10.930	10.975	HH	12516	319365	2.23%	0.033%
231	10.992	10.975	11.020	HH	12325	302162	2.11%	0.031%
232	11.028	11.020	11.036	HH	10700	101516	0.71%	0.011%
233	11.056	11.036	11.077	HH	12815	293817	2.05%	0.031%
234	11.082	11.077	11.098	HH	11697	144483	1.01%	0.015%
235	11.120	11.098	11.127	HH	16226	242272	1.69%	0.025%
236	11.135	11.127	11.169	HH	16549	354082	2.47%	0.037%
237	11.191	11.169	11.225	HH	12203	378873	2.64%	0.039%
238	11.250	11.225	11.269	HH	15380	331075	2.31%	0.035%
239	11.293	11.269	11.311	HH	11871	280334	1.95%	0.029%
240	11.331	11.311	11.339	HH	12192	197675	1.38%	0.021%
241	11.349	11.339	11.366	HH	12346	196480	1.37%	0.020%
242	11.397	11.366	11.413	HH	23905	483106	3.37%	0.050%
243	11.428	11.413	11.467	HH	24147	548024	3.82%	0.057%
244	11.508	11.467	11.527	HH	41869	832644	5.80%	0.087%
245	11.541	11.527	11.557	HH	22697	342893	2.39%	0.036%
246	11.574	11.557	11.628	HH	25458	699894	4.88%	0.073%

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247	11.651	11.628	11.677	HH	14494	393866	2.74%	0.041%
248	11.700	11.677	11.712	HH	16096	316670	2.21%	0.033%
249	11.732	11.712	11.751	HH	16899	361743	2.52%	0.038%
250	11.777	11.751	11.819	HH	21415	707863	4.93%	0.074%
251	11.874	11.819	11.894	HH	24660	745690	5.20%	0.078%
252	11.904	11.894	11.915	HH	16615	209412	1.46%	0.022%
253	11.936	11.915	11.957	HH	19620	435827	3.04%	0.045%
254	11.982	11.957	12.000	HH	20716	461287	3.21%	0.048%
255	12.013	12.000	12.033	HH	18432	332344	2.32%	0.035%
256	12.047	12.033	12.054	HH	16660	203503	1.42%	0.021%
257	12.071	12.054	12.086	HH	20148	357396	2.49%	0.037%
258	12.112	12.086	12.129	HH	18409	456544	3.18%	0.048%
259	12.140	12.129	12.167	HH	18871	414118	2.89%	0.043%
260	12.184	12.167	12.197	HH	20585	347205	2.42%	0.036%
261	12.203	12.197	12.227	HH	19480	318353	2.22%	0.033%
262	12.290	12.227	12.312	HH	32284	1115258	7.77%	0.116%
263	12.330	12.312	12.341	HH	22385	378274	2.64%	0.039%
264	12.358	12.341	12.381	HH	27097	554574	3.86%	0.058%
265	12.408	12.381	12.462	HH	177095	2846042	19.83%	0.297%
266	12.484	12.462	12.492	HH	19447	337561	2.35%	0.035%
267	12.506	12.492	12.524	HH	21012	389301	2.71%	0.041%
268	12.543	12.524	12.561	HH	22131	447882	3.12%	0.047%
269	12.591	12.561	12.615	HH	24618	709080	4.94%	0.074%
270	12.641	12.615	12.674	HH	22817	750403	5.23%	0.078%
271	12.702	12.674	12.724	HH	144952	2008050	13.99%	0.209%
272	12.737	12.724	12.752	HH	43105	622155	4.34%	0.065%
273	12.760	12.752	12.778	HH	30505	419669	2.92%	0.044%
274	12.795	12.778	12.823	HH	33024	733017	5.11%	0.076%
275	12.845	12.823	12.861	HH	23712	523533	3.65%	0.055%
276	12.881	12.861	12.900	HH	26775	568104	3.96%	0.059%
277	12.912	12.900	12.950	HH	26224	724951	5.05%	0.076%
278	12.976	12.950	13.004	HH	30732	840296	5.86%	0.088%
279	13.009	13.004	13.019	HH	24368	214737	1.50%	0.022%
280	13.037	13.019	13.052	HH	25826	487892	3.40%	0.051%
281	13.062	13.052	13.081	HH	25791	411611	2.87%	0.043%
282	13.101	13.081	13.115	HH	26506	509410	3.55%	0.053%
283	13.129	13.115	13.144	HH	26446	438711	3.06%	0.046%
284	13.164	13.144	13.206	HH	30594	989229	6.89%	0.103%
285	13.207	13.206	13.238	HH	24675	475856	3.32%	0.050%
286	13.292	13.238	13.329	HH	45845	1660833	11.57%	0.173%
287	13.338	13.329	13.349	HH	26252	307065	2.14%	0.032%
288	13.360	13.349	13.377	HH	27302	454211	3.17%	0.047%
289	13.400	13.377	13.421	HH	56011	1025083	7.14%	0.107%
290	13.436	13.421	13.457	HH	36922	712596	4.97%	0.074%
291	13.468	13.457	13.496	HH	30779	673136	4.69%	0.070%
292	13.500	13.496	13.509	HH	27738	220187	1.53%	0.023%
293	13.563	13.509	13.589	HH	38407	1552446	10.82%	0.162%
294	13.607	13.589	13.629	HH	33629	718013	5.00%	0.075%
295	13.635	13.629	13.646	HH	27884	280601	1.96%	0.029%
296	13.674	13.646	13.679	HH	28719	562895	3.92%	0.059%
297	13.692	13.679	13.711	HH	29694	556887	3.88%	0.058%
298	13.715	13.711	13.721	HH	27235	149640	1.04%	0.016%
299	13.742	13.721	13.759	HH	29766	651236	4.54%	0.068%

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300	13.779	13.759	13.802	HH	30812	771950	5.38%	0.080%
301	13.806	13.802	13.812	HH	29178	176241	1.23%	0.018%
302	13.834	13.812	13.862	HH	31845	901448	6.28%	0.094%
303	13.876	13.862	13.887	HH	29213	429265	2.99%	0.045%
304	13.909	13.887	13.921	HH	30661	608491	4.24%	0.063%
305	13.941	13.921	13.964	HH	32739	823275	5.74%	0.086%
306	13.996	13.964	14.007	HH	35991	885103	6.17%	0.092%
307	14.030	14.007	14.066	HH	36472	1210827	8.44%	0.126%
308	14.106	14.066	14.141	HH	37244	1565994	10.91%	0.163%
309	14.152	14.141	14.174	HH	35605	693257	4.83%	0.072%
310	14.202	14.174	14.241	HH	43392	1513235	10.54%	0.158%
311	14.263	14.241	14.293	HH	48555	1277477	8.90%	0.133%
312	14.315	14.293	14.321	HH	37740	589742	4.11%	0.061%
313	14.343	14.321	14.372	HH	39764	1170503	8.16%	0.122%
314	14.387	14.372	14.404	HH	39335	707361	4.93%	0.074%
315	14.449	14.404	14.484	HH	155572	3274866	22.82%	0.341%
316	14.490	14.484	14.495	HH	38062	271524	1.89%	0.028%
317	14.500	14.495	14.509	HH	38202	305790	2.13%	0.032%
318	14.541	14.509	14.546	HH	41065	879204	6.13%	0.092%
319	14.576	14.546	14.596	HH	84454	1779094	12.40%	0.185%
320	14.616	14.596	14.641	HH	88565	1704860	11.88%	0.178%
321	14.663	14.641	14.685	HH	44206	1132977	7.89%	0.118%
322	14.732	14.685	14.762	HH	49045	2057312	14.34%	0.214%
323	14.777	14.762	14.796	HH	45397	886793	6.18%	0.092%
324	14.802	14.796	14.821	HH	44600	668828	4.66%	0.070%
325	14.840	14.821	14.854	HH	44513	850526	5.93%	0.089%
326	14.892	14.854	14.921	HH	51180	1877237	13.08%	0.196%
327	14.928	14.921	14.934	HH	46160	346507	2.41%	0.036%
328	14.942	14.934	14.961	HH	45815	748059	5.21%	0.078%
329	14.964	14.961	14.979	HH	45885	491290	3.42%	0.051%
330	15.029	14.979	15.075	HH	85464	3287407	22.91%	0.343%
331	15.088	15.075	15.108	HH	49843	954551	6.65%	0.099%
332	15.122	15.108	15.130	HH	48996	617557	4.30%	0.064%
333	15.161	15.130	15.186	HH	52267	1690692	11.78%	0.176%
334	15.246	15.186	15.269	HH	64869	2755867	19.20%	0.287%
335	15.284	15.269	15.319	HH	61173	1689007	11.77%	0.176%
336	15.331	15.319	15.343	HH	53878	772401	5.38%	0.080%
337	15.410	15.343	15.451	HH	64265	3776904	26.32%	0.394%
338	15.487	15.451	15.492	HH	58802	1430880	9.97%	0.149%
339	15.507	15.492	15.519	HH	60033	936551	6.53%	0.098%
340	15.545	15.519	15.557	HH	62678	1376360	9.59%	0.143%
341	15.574	15.557	15.591	HH	65386	1298895	9.05%	0.135%
342	15.598	15.591	15.612	HH	62979	808805	5.64%	0.084%
343	15.631	15.612	15.639	HH	65137	1021365	7.12%	0.106%
344	15.675	15.639	15.705	HH	71537	2686278	18.72%	0.280%
345	15.716	15.705	15.741	HH	66925	1437964	10.02%	0.150%
346	15.780	15.741	15.806	HH	67950	2587445	18.03%	0.270%
347	15.849	15.806	15.872	HH	75784	2802110	19.53%	0.292%
348	15.894	15.872	15.905	HH	72392	1415254	9.86%	0.147%
349	15.926	15.905	15.950	HH	78980	2057698	14.34%	0.214%
350	15.954	15.950	15.974	HH	77582	1099541	7.66%	0.115%
351	15.991	15.974	15.996	HH	77197	977706	6.81%	0.102%

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352	15.999	15.996	16.007	HH	76943	508047	3.54%	0.053%
353	16.014	16.007	16.018	HH	78075	543543	3.79%	0.057%
354	16.044	16.018	16.077	HH	88384	2881028	20.08%	0.300%
355	16.132	16.077	16.191	HH	136390	6576159	45.82%	0.685%
356	16.232	16.191	16.242	HH	94502	2752255	19.18%	0.287%
357	16.262	16.242	16.282	HH	105074	2426846	16.91%	0.253%
358	16.299	16.282	16.321	HH	98724	2218959	15.46%	0.231%
359	16.345	16.321	16.370	HH	99616	2891449	20.15%	0.301%
360	16.422	16.370	16.430	HH	106074	3574496	24.91%	0.373%
361	16.451	16.430	16.479	HH	131725	3359633	23.41%	0.350%
362	16.509	16.479	16.547	HH	137169	4698004	32.74%	0.490%
363	16.583	16.547	16.595	HH	113386	3130399	21.81%	0.326%
364	16.620	16.595	16.642	HH	131858	3443814	24.00%	0.359%
365	16.660	16.642	16.682	HH	123635	2805432	19.55%	0.292%
366	16.694	16.682	16.700	HH	114664	1178463	8.21%	0.123%
367	16.704	16.700	16.721	HH	113378	1421474	9.91%	0.148%
368	16.768	16.721	16.790	HH	126241	4925832	34.32%	0.513%
369	16.798	16.790	16.807	HH	123935	1249833	8.71%	0.130%
370	16.832	16.807	16.856	HH	132101	3706950	25.83%	0.386%
371	16.878	16.856	16.897	HH	130895	3169957	22.09%	0.330%
372	16.916	16.897	16.942	HH	135980	3554362	24.77%	0.370%
373	16.961	16.942	16.972	HH	134818	2392490	16.67%	0.249%
374	17.005	16.972	17.048	HH	156588	6388251	44.51%	0.666%
375	17.085	17.048	17.101	HH	144717	4504962	31.39%	0.469%
376	17.120	17.101	17.134	HH	147444	2770381	19.30%	0.289%
377	17.159	17.134	17.199	HH	149951	5603951	39.05%	0.584%
378	17.230	17.199	17.236	HH	152039	3318769	23.13%	0.346%
379	17.239	17.236	17.266	HH	150343	2610326	18.19%	0.272%
380	17.280	17.266	17.297	HH	148391	2702018	18.83%	0.282%
381	17.319	17.297	17.334	HH	152309	3336805	23.25%	0.348%
382	17.389	17.334	17.403	HH	162493	6381226	44.47%	0.665%
383	17.421	17.403	17.438	HH	166811	3490980	24.33%	0.364%
384	17.460	17.438	17.475	HH	178217	3801295	26.49%	0.396%
385	17.489	17.475	17.519	HH	184278	4549463	31.70%	0.474%
386	17.523	17.519	17.537	HH	168715	1839171	12.82%	0.192%
387	17.543	17.537	17.546	HH	164581	813268	5.67%	0.085%
388	17.559	17.546	17.570	HH	166359	2455369	17.11%	0.256%
389	17.624	17.570	17.693	HH	241883	13998457	97.54%	1.459%
390	17.697	17.693	17.702	HH	178412	1030363	7.18%	0.107%
391	17.710	17.702	17.722	HH	181326	2153229	15.00%	0.224%
392	17.731	17.722	17.749	HH	180301	2927287	20.40%	0.305%
393	17.799	17.749	17.817	HH	195531	7594651	52.92%	0.791%
394	17.830	17.817	17.843	HH	196269	3041495	21.19%	0.317%
395	17.888	17.843	17.917	HH	213073	8899845	62.02%	0.927%
396	17.924	17.917	17.928	HH	195259	1295974	9.03%	0.135%
397	17.938	17.928	17.950	HH	197502	2618081	18.24%	0.273%
398	17.992	17.950	18.014	HH	252686	8295187	57.80%	0.864%
399	18.021	18.014	18.025	HH	210445	1401771	9.77%	0.146%
400	18.029	18.025	18.054	HH	211697	3553462	24.76%	0.370%
401	18.067	18.054	18.089	HH	208501	4335668	30.21%	0.452%
402	18.097	18.089	18.102	HH	201482	1572902	10.96%	0.164%
403	18.141	18.102	18.177	HH	228510	9615713	67.00%	1.002%
404	18.182	18.177	18.188	HH	209010	1483535	10.34%	0.155%

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405	18.194	18.188	18.198	HH	210232	1176399	8.20%	0.123%
406	18.223	18.198	18.230	HH	216618	4172601	29.08%	0.435%
407	18.244	18.230	18.254	HH	216563	3057194	21.30%	0.319%
408	18.276	18.254	18.281	HH	223225	3550964	24.74%	0.370%
409	18.300	18.281	18.305	HH	223868	3203983	22.33%	0.334%
410	18.327	18.305	18.348	HH	226640	5685376	39.62%	0.592%
411	18.354	18.348	18.369	HH	223475	2755822	19.20%	0.287%
412	18.385	18.369	18.389	HH	227964	2737970	19.08%	0.285%
413	18.415	18.389	18.443	HH	273173	8033253	55.98%	0.837%
414	18.467	18.443	18.498	HH	269959	8110763	56.52%	0.845%
415	18.505	18.498	18.516	HH	237867	2541680	17.71%	0.265%
416	18.521	18.516	18.526	HH	235620	1509252	10.52%	0.157%
417	18.559	18.526	18.570	HH	241602	6255498	43.59%	0.652%
418	18.579	18.570	18.585	HH	242994	2126832	14.82%	0.222%
419	18.599	18.585	18.603	HH	247920	2713253	18.91%	0.283%
420	18.608	18.603	18.618	HH	247331	2176621	15.17%	0.227%
421	18.624	18.618	18.632	HH	242876	2028468	14.13%	0.211%
422	18.673	18.632	18.708	HH	264708	11414705	79.54%	1.190%
423	18.746	18.708	18.783	HH	284874	11834442	82.46%	1.233%
424	18.814	18.783	18.827	HH	276496	7094121	49.43%	0.739%
425	18.832	18.827	18.841	HH	269875	2234638	15.57%	0.233%
426	18.859	18.841	18.881	HH	265802	6176002	43.04%	0.644%
427	18.936	18.881	18.951	HH	277055	11240035	78.32%	1.171%
428	18.955	18.951	18.959	HH	267296	1342840	9.36%	0.140%
429	18.972	18.959	18.977	HH	271592	2900023	20.21%	0.302%
430	19.000	18.977	19.024	HH	274264	7574892	52.78%	0.789%
431	19.049	19.024	19.070	HH	279642	7544824	52.57%	0.786%
432	19.077	19.070	19.090	HH	280812	3383458	23.58%	0.353%
433	19.094	19.090	19.098	HH	278222	1333566	9.29%	0.139%
434	19.127	19.098	19.154	HH	308004	9767053	68.06%	1.018%
435	19.163	19.154	19.180	HH	288984	4563773	31.80%	0.476%
436	19.191	19.180	19.197	HH	290827	2846203	19.83%	0.297%
437	19.219	19.197	19.245	HH	305386	8634605	60.17%	0.900%
438	19.308	19.245	19.314	HH	305674	12074989	84.14%	1.258%
439	19.317	19.314	19.332	HH	306276	3324258	23.16%	0.346%
440	19.351	19.332	19.357	HH	303138	4432608	30.89%	0.462%
441	19.371	19.357	19.393	HH	315611	6623742	46.16%	0.690%
442	19.400	19.393	19.407	HH	309151	2705647	18.85%	0.282%
443	19.412	19.407	19.418	HH	309644	1932958	13.47%	0.201%
444	19.450	19.418	19.464	HH	327021	8821958	61.47%	0.919%
445	19.478	19.464	19.487	HH	318304	4275207	29.79%	0.446%
446	19.493	19.487	19.497	HH	317887	1939150	13.51%	0.202%
447	19.523	19.497	19.556	HH	336152	11474140	79.95%	1.196%
448	19.560	19.556	19.597	HH	324167	8026313	55.93%	0.836%
449	19.607	19.597	19.621	HH	328119	4727654	32.94%	0.493%
450	19.644	19.621	19.661	HH	335971	7843347	54.65%	0.817%
451	19.686	19.661	19.709	HH	344602	9596044	66.87%	1.000%
452	19.744	19.709	19.762	HH	356495	10973713	76.47%	1.144%
453	19.780	19.762	19.793	HH	342420	6189978	43.13%	0.645%
454	19.822	19.793	19.827	HH	345711	7109732	49.54%	0.741%
455	19.836	19.827	19.844	HH	347227	3458513	24.10%	0.360%
456	19.855	19.844	19.866	HH	355554	4557467	31.76%	0.475%

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457	19.908	19.866	19.932	HH	375202	14351009	100.00%	1.496%
458	19.942	19.932	19.949	HH	364183	3783139	26.36%	0.394%
459	19.956	19.949	19.968	HH	364952	4122098	28.72%	0.430%
460	19.982	19.968	19.996	HH	367207	5933823	41.35%	0.618%
461	20.017	19.996	20.027	HH	377360	7063104	49.22%	0.736%
462	20.045	20.027	20.085	HH	378251	12768772	88.97%	1.331%
463	20.090	20.085	20.093	HH	367244	1788237	12.46%	0.186%
464	20.099	20.093	20.116	HH	367594	4937791	34.41%	0.515%
465	20.124	20.116	20.141	HH	370602	5568268	38.80%	0.580%
466	20.158	20.141	20.166	HH	370691	5487883	38.24%	0.572%
467	20.183	20.166	20.196	HH	377985	6722424	46.84%	0.701%
468	20.201	20.196	20.204	HH	376699	1837801	12.81%	0.192%
469	20.215	20.204	20.221	HH	384617	3816364	26.59%	0.398%
470	20.247	20.221	20.264	HH	393950	10078094	70.23%	1.050%
471	20.288	20.264	20.292	HH	393869	6540982	45.58%	0.682%
472	20.302	20.292	20.313	HH	400567	4899877	34.14%	0.511%
473	20.323	20.313	20.327	HH	397717	3383576	23.58%	0.353%
474	20.332	20.327	20.341	HH	397322	3383023	23.57%	0.353%
475	20.346	20.341	20.365	HH	396742	5622991	39.18%	0.586%
476	20.382	20.365	20.394	HH	394597	6713351	46.78%	0.700%
477	20.431	20.394	20.439	HH	401377	10578550	73.71%	1.102%
478	20.445	20.439	20.465	HH	398037	6316418	44.01%	0.658%
479	20.473	20.465	20.477	HH	388155	2676734	18.65%	0.279%
480	20.486	20.477	20.498	HH	389482	4947929	34.48%	0.516%
481	20.506	20.498	20.515	HH	394867	3934562	27.42%	0.410%
482	20.522	20.515	20.531	HH	395569	3616175	25.20%	0.377%
483	20.538	20.531	20.549	HH	388683	4243185	29.57%	0.442%
484	20.564	20.549	20.588	HH	389038	9091196	63.35%	0.947%
485	20.598	20.588	20.606	HH	382559	3918136	27.30%	0.408%
486	20.638	20.606	20.656	HH	383488	11396060	79.41%	1.188%
487	20.664	20.656	20.669	HH	377128	3143250	21.90%	0.328%
488	20.683	20.669	20.701	HH	381515	7070317	49.27%	0.737%
489	20.717	20.701	20.745	HH	377936	9926226	69.17%	1.034%
490	20.765	20.745	20.791	HH	372583	10131720	70.60%	1.056%
491	20.800	20.791	20.814	HH	369776	4972045	34.65%	0.518%
492	20.826	20.814	20.844	HH	369423	6575863	45.82%	0.685%
493	20.852	20.844	20.876	HH	367487	7117048	49.59%	0.742%
494	20.882	20.876	20.892	HH	362401	3417991	23.82%	0.356%
495	20.896	20.892	20.911	HH	365023	4102438	28.59%	0.428%
496	20.921	20.911	20.934	HH	360468	4906444	34.19%	0.511%
497	20.938	20.934	20.944	HH	362874	2177008	15.17%	0.227%
498	20.950	20.944	20.963	HH	360050	4117134	28.69%	0.429%
499	20.971	20.963	20.994	HH	360058	6589213	45.91%	0.687%
500	21.002	20.994	21.008	HH	355853	2918656	20.34%	0.304%
501	21.015	21.008	21.022	HH	355864	3100288	21.60%	0.323%
502	21.044	21.022	21.090	HH	358077	14283739	99.53%	1.489%
503	21.097	21.090	21.115	HH	349959	5283106	36.81%	0.551%
504	21.124	21.115	21.134	HH	351486	3970511	27.67%	0.414%
505	21.139	21.134	21.155	HH	348557	4288505	29.88%	0.447%
506	21.160	21.155	21.183	HH	344095	5729236	39.92%	0.597%
507	21.192	21.183	21.198	HH	337667	3117618	21.72%	0.325%
508	21.220	21.198	21.237	HH	340250	7816720	54.47%	0.815%
509	21.242	21.237	21.251	HH	335362	2713925	18.91%	0.283%

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510	21.261	21.251	21.277	HH	334663	5167278	36.01%	0.538%
511	21.282	21.277	21.285	HH	331510	1755286	12.23%	0.183%
512	21.291	21.285	21.307	HH	332292	4347829	30.30%	0.453%
513	21.323	21.307	21.330	HH	335634	4465444	31.12%	0.465%
514	21.333	21.330	21.354	HH	333012	4831615	33.67%	0.504%
515	21.357	21.354	21.365	HH	331660	2282470	15.90%	0.238%
516	21.393	21.365	21.430	HH	337927	12879222	89.74%	1.342%
517	21.450	21.430	21.457	HH	332139	5295439	36.90%	0.552%
518	21.463	21.457	21.466	HH	327140	1643338	11.45%	0.171%
519	21.469	21.466	21.482	HH	326975	3177527	22.14%	0.331%
					Sum of corrected areas:		959588675	

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