

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030521\
 Data File : FE033344.D
 Signal(s) : FID1B.CH
 Acq On : 05 Mar 2021 14:58
 Sample : M1543-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE022221.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.293	2.253	2.442	PH	662998	5958172	55.30%	3.185%
2	2.450	2.442	2.464	PH	281	-460	-0.00%	-0.000%
3	2.469	2.464	2.491	PH	-337	-8113	-0.08%	-0.004%
4	2.512	2.491	2.536	PH	2831	7592	0.07%	0.004%
5	2.550	2.536	2.663	PH	-396	-143866	-1.34%	-0.077%
6	2.667	2.663	2.706	PH	-2586	-72689	-0.67%	-0.039%
7	2.710	2.706	2.818	PH	-2936	-226239	-2.10%	-0.121%
8	2.823	2.818	2.826	PH	-3648	-18825	-0.17%	-0.010%
9	2.829	2.826	2.894	PH	-3654	-160445	-1.49%	-0.086%
10	2.901	2.894	2.955	PH	-4030	-153896	-1.43%	-0.082%
11	2.961	2.955	2.972	PH	-4347	-44151	-0.41%	-0.024%
12	2.977	2.972	3.049	PH	-4421	-213245	-1.98%	-0.114%
13	3.053	3.049	3.102	PH	-4734	-154184	-1.43%	-0.082%
14	3.109	3.102	3.143	PH	-4853	-120954	-1.12%	-0.065%
15	3.147	3.143	3.177	PH	-5031	-105250	-0.98%	-0.056%
16	3.185	3.177	3.203	PH	-5209	-83577	-0.78%	-0.045%
17	3.209	3.203	3.221	PH	-5275	-58569	-0.54%	-0.031%
18	3.235	3.221	3.255	PH	-5280	-106954	-0.99%	-0.057%
19	3.270	3.255	3.305	PH	-4895	-156663	-1.45%	-0.084%
20	3.309	3.305	3.332	PH	-5439	-90318	-0.84%	-0.048%
21	3.338	3.332	3.357	PH	-5535	-83475	-0.77%	-0.045%
22	3.361	3.357	3.375	PH	-5666	-63480	-0.59%	-0.034%
23	3.381	3.375	3.390	PH	-5618	-48570	-0.45%	-0.026%
24	3.396	3.390	3.402	PH	-5645	-41543	-0.39%	-0.022%
25	3.418	3.402	3.443	PH	-5599	-140977	-1.31%	-0.075%
26	3.448	3.443	3.453	PH	-5730	-34562	-0.32%	-0.018%
27	3.458	3.453	3.461	PH	-5753	-27516	-0.26%	-0.015%
28	3.468	3.461	3.490	PH	-5720	-101319	-0.94%	-0.054%
29	3.496	3.490	3.501	PH	-5758	-38384	-0.36%	-0.021%
30	3.520	3.501	3.549	PH	-5638	-165547	-1.54%	-0.089%
31	3.554	3.549	3.565	PH	-5770	-57046	-0.53%	-0.030%
32	3.582	3.565	3.608	PH	-5835	-149633	-1.39%	-0.080%
33	3.610	3.608	3.613	PH	-5983	-19962	-0.19%	-0.011%
34	3.629	3.613	3.670	PH	-5885	-206021	-1.91%	-0.110%
35	3.676	3.670	3.684	PH	-6088	-52635	-0.49%	-0.028%
36	3.695	3.684	3.708	PH	-6030	-84367	-0.78%	-0.045%

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37	3.736	3.708	3.762	PH	-5963	-198393	-1.84%	-0.106%
38	3.788	3.762	3.821	PH	-6014	-220845	-2.05%	-0.118%
39	3.832	3.821	3.840	PH	-6256	-72592	-0.67%	-0.039%
40	3.844	3.840	3.878	PH	-6249	-145255	-1.35%	-0.078%
41	3.883	3.878	3.891	PH	-6425	-50059	-0.46%	-0.027%
42	3.917	3.891	3.929	PH	-6176	-145521	-1.35%	-0.078%
43	3.940	3.929	3.980	PH	-6222	-194631	-1.81%	-0.104%
44	3.984	3.980	3.997	PH	-6551	-65988	-0.61%	-0.035%
45	4.071	3.997	4.157	PH	-3530	-421663	-3.91%	-0.225%
46	4.166	4.157	4.171	PH	-4416	-37111	-0.34%	-0.020%
47	4.175	4.171	4.282	PH	-4458	-332095	-3.08%	-0.178%
48	4.311	4.282	4.409	PH	710471	6665800	61.86%	3.564%
49	4.420	4.409	4.462	PH	-3264	-122016	-1.13%	-0.065%
50	4.478	4.462	4.573	PH	-4152	-332198	-3.08%	-0.178%
51	4.590	4.573	4.621	PH	-5376	-162375	-1.51%	-0.087%
52	4.624	4.621	4.630	PH	-5951	-31672	-0.29%	-0.017%
53	4.636	4.630	4.651	PH	-5870	-75240	-0.70%	-0.040%
54	4.655	4.651	4.673	PH	-5881	-78086	-0.72%	-0.042%
55	4.685	4.673	4.715	PH	-5758	-153339	-1.42%	-0.082%
56	4.740	4.715	4.754	PH	-6042	-144969	-1.35%	-0.078%
57	4.764	4.754	4.792	PH	-6310	-145969	-1.35%	-0.078%
58	4.805	4.792	4.831	PH	-6345	-151458	-1.41%	-0.081%
59	4.881	4.831	4.895	PH	-6115	-245267	-2.28%	-0.131%
60	4.909	4.895	4.958	PH	-6161	-244210	-2.27%	-0.131%
61	4.988	4.958	5.019	PH	-6284	-238826	-2.22%	-0.128%
62	5.035	5.019	5.088	PH	-6534	-273712	-2.54%	-0.146%
63	5.107	5.088	5.139	PH	-6495	-205395	-1.91%	-0.110%
64	5.148	5.139	5.153	PH	-6670	-56896	-0.53%	-0.030%
65	5.197	5.153	5.218	PH	-6442	-258111	-2.40%	-0.138%
66	5.222	5.218	5.227	PH	-6649	-33211	-0.31%	-0.018%
67	5.230	5.227	5.259	PH	-6612	-132198	-1.23%	-0.071%
68	5.264	5.259	5.268	PH	-6739	-35529	-0.33%	-0.019%
69	5.271	5.268	5.275	PH	-6742	-26928	-0.25%	-0.014%
70	5.280	5.275	5.320	PH	-6760	-186707	-1.73%	-0.100%
71	5.341	5.320	5.402	PH	-4096	-292673	-2.72%	-0.156%
72	5.408	5.402	5.428	PH	-6634	-102860	-0.95%	-0.055%
73	5.450	5.428	5.473	PH	-6616	-182443	-1.69%	-0.098%
74	5.478	5.473	5.489	PH	-6664	-64880	-0.60%	-0.035%
75	5.495	5.489	5.515	PH	-6751	-106392	-0.99%	-0.057%
76	5.519	5.515	5.543	PH	-6810	-115778	-1.07%	-0.062%
77	5.549	5.543	5.572	PH	-6894	-122633	-1.14%	-0.066%
78	5.579	5.572	5.588	PH	-6928	-67057	-0.62%	-0.036%
79	5.611	5.588	5.668	PH	-6578	-329012	-3.05%	-0.176%
80	5.673	5.668	5.677	PH	-6979	-39238	-0.36%	-0.021%
81	5.690	5.677	5.714	PH	-6945	-156056	-1.45%	-0.083%
82	5.727	5.714	5.768	PH	-6923	-227651	-2.11%	-0.122%
83	5.792	5.768	5.798	PH	-7069	-131378	-1.22%	-0.070%
84	5.811	5.798	5.820	PH	-7116	-91877	-0.85%	-0.049%
85	5.831	5.820	5.851	PH	-7113	-135074	-1.25%	-0.072%
86	5.856	5.851	5.867	PH	-7166	-69152	-0.64%	-0.037%
87	5.885	5.867	5.911	PH	-6774	-186274	-1.73%	-0.100%
88	5.924	5.911	5.951	PH	-7052	-169302	-1.57%	-0.091%
89	5.958	5.951	5.964	PH	-7162	-58998	-0.55%	-0.032%

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90	6.034	5.964	6.082	PH	-4244	-476003	-4.42%	-0.254%
91	6.088	6.082	6.099	PH	-7174	-74191	-0.69%	-0.040%
92	6.129	6.099	6.137	PH	-7013	-159447	-1.48%	-0.085%
93	6.142	6.137	6.148	PH	-7032	-47625	-0.44%	-0.025%
94	6.165	6.148	6.176	PH	-7006	-118678	-1.10%	-0.063%
95	6.181	6.176	6.185	PH	-7128	-38614	-0.36%	-0.021%
96	6.222	6.185	6.279	PH	-6726	-392377	-3.64%	-0.210%
97	6.316	6.279	6.394	PH	694449	6953005	64.53%	3.717%
98	6.410	6.394	6.474	PH	-2755	-222644	-2.07%	-0.119%
99	6.479	6.474	6.498	PH	-5968	-87925	-0.82%	-0.047%
100	6.502	6.498	6.537	PH	-6175	-146109	-1.36%	-0.078%
101	6.543	6.537	6.575	PH	-6484	-153178	-1.42%	-0.082%
102	6.583	6.575	6.595	PH	-6661	-79815	-0.74%	-0.043%
103	6.612	6.595	6.645	PH	-6364	-197202	-1.83%	-0.105%
104	6.650	6.645	6.656	PH	-6733	-45432	-0.42%	-0.024%
105	6.659	6.656	6.680	PH	-6752	-100420	-0.93%	-0.054%
106	6.685	6.680	6.724	PH	-6826	-183143	-1.70%	-0.098%
107	6.727	6.724	6.748	PH	-6988	-98611	-0.92%	-0.053%
108	6.752	6.748	6.771	PH	-7025	-99059	-0.92%	-0.053%
109	6.774	6.771	6.785	PH	-7039	-57572	-0.53%	-0.031%
110	6.791	6.785	6.795	PH	-7069	-45905	-0.43%	-0.025%
111	6.830	6.795	6.836	PH	-6969	-172758	-1.60%	-0.092%
112	6.841	6.836	6.859	PH	-6984	-95423	-0.89%	-0.051%
113	6.869	6.859	6.880	PH	-6894	-87176	-0.81%	-0.047%
114	6.884	6.880	6.893	PH	-6963	-57088	-0.53%	-0.031%
115	6.908	6.893	6.922	PH	-6947	-120382	-1.12%	-0.064%
116	6.938	6.922	6.952	PH	-6706	-125322	-1.16%	-0.067%
117	6.975	6.952	7.001	PH	-6651	-198236	-1.84%	-0.106%
118	7.014	7.001	7.031	PH	-6441	-122309	-1.14%	-0.065%
119	7.035	7.031	7.060	PH	-6762	-118877	-1.10%	-0.064%
120	7.076	7.060	7.111	PH	-6713	-210123	-1.95%	-0.112%
121	7.118	7.111	7.124	PH	-6840	-56031	-0.52%	-0.030%
122	7.134	7.124	7.148	PH	-6831	-96162	-0.89%	-0.051%
123	7.153	7.148	7.158	PH	-6831	-43357	-0.40%	-0.023%
124	7.163	7.158	7.167	PH	-6912	-38300	-0.36%	-0.020%
125	7.186	7.167	7.216	PH	-6812	-201003	-1.87%	-0.107%
126	7.240	7.216	7.281	PH	-5107	-249415	-2.31%	-0.133%
127	7.291	7.281	7.328	PH	-6708	-197658	-1.83%	-0.106%
128	7.351	7.328	7.381	PH	-7006	-226457	-2.10%	-0.121%
129	7.397	7.381	7.409	PH	-7096	-122196	-1.13%	-0.065%
130	7.413	7.409	7.422	PH	-7107	-55801	-0.52%	-0.030%
131	7.428	7.422	7.436	PH	-7218	-58789	-0.55%	-0.031%
132	7.446	7.436	7.459	PH	-7201	-99752	-0.93%	-0.053%
133	7.465	7.459	7.469	PH	-7161	-46241	-0.43%	-0.025%
134	7.473	7.469	7.485	PH	-7100	-66650	-0.62%	-0.036%
135	7.519	7.485	7.593	PH	-5370	-441191	-4.09%	-0.236%
136	7.598	7.593	7.602	PH	-7181	-39613	-0.37%	-0.021%
137	7.610	7.602	7.625	PH	-7170	-102478	-0.95%	-0.055%
138	7.688	7.625	7.743	PH	-4490	-458947	-4.26%	-0.245%
139	7.763	7.743	7.777	PH	-6820	-140215	-1.30%	-0.075%
140	7.801	7.777	7.838	PH	-5740	-242756	-2.25%	-0.130%
141	7.864	7.838	7.906	PH	-5993	-262930	-2.44%	-0.141%

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142	7.923	7.906	7.962	PH	-6322	-224526	-2.08%	-0.120%
143	7.985	7.962	8.006	PH	-6370	-176237	-1.64%	-0.094%
144	8.109	8.006	8.170	PH	719365	7383810	68.53%	3.948%
145	8.194	8.170	8.328	PH	4410	-225301	-2.09%	-0.120%
146	8.344	8.328	8.362	PH	-5031	-106301	-0.99%	-0.057%
147	8.373	8.362	8.419	PH	-5267	-198840	-1.85%	-0.106%
148	8.435	8.419	8.441	PH	-5896	-75953	-0.70%	-0.041%
149	8.465	8.441	8.504	PH	-3689	-206748	-1.92%	-0.111%
150	8.537	8.504	8.568	PH	-4541	-214822	-1.99%	-0.115%
151	8.604	8.568	8.627	PH	-1446	-122739	-1.14%	-0.066%
152	8.638	8.627	8.681	PH	-2788	-132127	-1.23%	-0.071%
153	8.691	8.681	8.739	PH	-5242	-199911	-1.86%	-0.107%
154	8.763	8.739	8.821	PH	-5692	-298364	-2.77%	-0.160%
155	8.848	8.821	8.858	PH	-5514	-132566	-1.23%	-0.071%
156	8.878	8.858	8.908	PH	-5354	-167728	-1.56%	-0.090%
157	8.928	8.908	8.991	PH	-1392	-244913	-2.27%	-0.131%
158	9.013	8.991	9.044	PH	-5910	-195853	-1.82%	-0.105%
159	9.058	9.044	9.083	PH	-6213	-146849	-1.36%	-0.079%
160	9.100	9.083	9.113	PH	-6031	-112643	-1.05%	-0.060%
161	9.118	9.113	9.136	PH	-6093	-88130	-0.82%	-0.047%
162	9.168	9.136	9.216	PH	-2575	-250534	-2.33%	-0.134%
163	9.221	9.216	9.237	PH	-6063	-75331	-0.70%	-0.040%
164	9.257	9.237	9.262	PH	-6170	-96047	-0.89%	-0.051%
165	9.303	9.262	9.312	PH	-5608	-173520	-1.61%	-0.093%
166	9.340	9.312	9.370	PH	-4362	-174752	-1.62%	-0.093%
167	9.383	9.370	9.406	PH	-4929	-109259	-1.01%	-0.058%
168	9.431	9.406	9.464	PH	-4250	-174410	-1.62%	-0.093%
169	9.485	9.464	9.508	PH	-4553	-135091	-1.25%	-0.072%
170	9.538	9.508	9.563	PH	-1122	-132952	-1.23%	-0.071%
171	9.570	9.563	9.602	PH	-5280	-131265	-1.22%	-0.070%
172	9.626	9.602	9.638	PH	-5311	-121069	-1.12%	-0.065%
173	9.657	9.638	9.674	PH	-4438	-105577	-0.98%	-0.056%
174	9.709	9.674	9.758	PH	713010	7935702	73.65%	4.243%
175	9.764	9.758	9.818	PH	-1986	-127498	-1.18%	-0.068%
176	9.835	9.818	9.850	PH	-4329	-87933	-0.82%	-0.047%
177	9.855	9.850	9.880	PH	-4484	-83659	-0.78%	-0.045%
178	9.888	9.880	9.903	PH	-4950	-71030	-0.66%	-0.038%
179	9.908	9.903	9.910	PH	-5161	-22916	-0.21%	-0.012%
180	9.916	9.910	9.951	PH	-5026	-129678	-1.20%	-0.069%
181	9.970	9.951	10.004	PH	-4990	-168854	-1.57%	-0.090%
182	10.034	10.004	10.062	PH	-2065	-142347	-1.32%	-0.076%
183	10.087	10.062	10.116	PH	-3032	-128523	-1.19%	-0.069%
184	10.139	10.116	10.156	PH	-4253	-109325	-1.01%	-0.058%
185	10.183	10.156	10.198	PH	-3353	-101074	-0.94%	-0.054%
186	10.219	10.198	10.247	PH	468	-75333	-0.70%	-0.040%
187	10.259	10.247	10.292	PH	-4012	-118850	-1.10%	-0.064%
188	10.321	10.292	10.352	PH	-1192	-106601	-0.99%	-0.057%
189	10.366	10.352	10.392	PH	-3240	-90314	-0.84%	-0.048%
190	10.443	10.392	10.481	PH	-95	-161775	-1.50%	-0.086%
191	10.513	10.481	10.541	PH	-1926	-112707	-1.05%	-0.060%
192	10.570	10.541	10.644	PH	4311	-140223	-1.30%	-0.075%
193	10.662	10.644	10.692	PH	-3810	-115829	-1.07%	-0.062%
194	10.703	10.692	10.728	PH	-4006	-88883	-0.82%	-0.048%

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195	10.775	10.728	10.807	PH	69	-58978	-0.55%	-0.032%
196	10.814	10.807	10.845	PH	-980	-34208	-0.32%	-0.018%
197	10.858	10.845	10.880	PH	-1728	-45137	-0.42%	-0.024%
198	10.910	10.880	10.935	PH	1309	-38002	-0.35%	-0.020%
199	10.952	10.935	10.994	PH	-2138	-101874	-0.95%	-0.054%
200	10.998	10.994	11.018	PH	-3303	-49198	-0.46%	-0.026%
201	11.037	11.018	11.042	PH	-3314	-51713	-0.48%	-0.028%
202	11.048	11.042	11.062	PH	-3366	-40123	-0.37%	-0.021%
203	11.082	11.062	11.113	PH	-2374	-88051	-0.82%	-0.047%
204	11.151	11.113	11.214	PH	703849	8202326	76.12%	4.385%
205	11.232	11.214	11.276	PH	1245	-33937	-0.31%	-0.018%
206	11.300	11.276	11.308	PH	-403	-29409	-0.27%	-0.016%
207	11.323	11.308	11.360	PH	-22	-47122	-0.44%	-0.025%
208	11.380	11.360	11.413	PH	-1770	-82098	-0.76%	-0.044%
209	11.436	11.413	11.453	PH	-275	-37394	-0.35%	-0.020%
210	11.460	11.453	11.478	PH	-1430	-22208	-0.21%	-0.012%
211	11.488	11.478	11.516	PH	-1255	-42485	-0.39%	-0.023%
212	11.549	11.516	11.566	PH	-1117	-52886	-0.49%	-0.028%
213	11.586	11.566	11.608	PH	-715	-27476	-0.26%	-0.015%
214	11.630	11.608	11.643	PH	254	-9492	-0.09%	-0.005%
215	11.651	11.643	11.679	PH	-310	-20770	-0.19%	-0.011%
216	11.715	11.679	11.732	PH	-1073	-45669	-0.42%	-0.024%
217	11.746	11.732	11.766	PH	-1431	-33284	-0.31%	-0.018%
218	11.786	11.766	11.799	PH	-1293	-31431	-0.29%	-0.017%
219	11.817	11.799	11.841	PH	-228	-29736	-0.28%	-0.016%
220	11.881	11.841	11.904	PH	-1149	-63079	-0.59%	-0.034%
221	11.920	11.904	11.936	PH	-1346	-30698	-0.28%	-0.016%
222	11.939	11.936	11.959	PH	-1646	-26341	-0.24%	-0.014%
223	11.978	11.959	11.993	PH	-1334	-32668	-0.30%	-0.017%
224	12.008	11.993	12.023	PH	-1222	-28047	-0.26%	-0.015%
225	12.046	12.023	12.064	PH	1099	-11215	-0.10%	-0.006%
226	12.095	12.064	12.197	PH	119955	1895411	17.59%	1.013%
227	12.204	12.197	12.221	HH	638	7286	0.07%	0.004%
228	12.237	12.221	12.259	HH	1748	17729	0.16%	0.009%
229	12.278	12.259	12.313	PH	1502	-3103	-0.03%	-0.002%
230	12.331	12.313	12.355	PH	-1109	-30130	-0.28%	-0.016%
231	12.378	12.355	12.391	PH	-393	-16915	-0.16%	-0.009%
232	12.406	12.391	12.419	PH	-182	-8265	-0.08%	-0.004%
233	12.461	12.419	12.510	PH	706239	8463611	78.55%	4.525%
234	12.526	12.510	12.534	HH	2511	27429	0.25%	0.015%
235	12.556	12.534	12.579	HH	15338	223017	2.07%	0.119%
236	12.588	12.579	12.631	HH	4510	66258	0.61%	0.035%
237	12.638	12.631	12.657	PH	9	-3895	-0.04%	-0.002%
238	12.669	12.657	12.677	PH	-478	-6743	-0.06%	-0.004%
239	12.702	12.677	12.723	PH	359	-4401	-0.04%	-0.002%
240	12.741	12.723	12.751	PH	633	2117	0.02%	0.001%
241	12.779	12.751	12.822	HH	59125	737673	6.85%	0.394%
242	12.864	12.822	12.884	PH	6609	90256	0.84%	0.048%
243	12.903	12.884	12.934	HH	12673	174712	1.62%	0.093%
244	12.957	12.934	12.976	HH	4497	50973	0.47%	0.027%
245	12.992	12.976	13.020	PH	1882	5838	0.05%	0.003%
246	13.034	13.020	13.049	PH	-826	-18301	-0.17%	-0.010%

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247	13.089	13.049	13.147	PH	9004	119324	1.11%	0.064%
248	13.163	13.147	13.191	PH	-172	-17197	-0.16%	-0.009%
249	13.194	13.191	13.203	PH	-861	-6503	-0.06%	-0.003%
250	13.215	13.203	13.245	PH	-730	-24088	-0.22%	-0.013%
251	13.250	13.245	13.276	PH	-1139	-26026	-0.24%	-0.014%
252	13.314	13.276	13.392	PH	23689	292667	2.72%	0.156%
253	13.422	13.392	13.456	PH	5715	47108	0.44%	0.025%
254	13.478	13.456	13.529	PH	2424	6295	0.06%	0.003%
255	13.549	13.529	13.569	PH	395	-14918	-0.14%	-0.008%
256	13.615	13.569	13.622	PH	1171	-8073	-0.07%	-0.004%
257	13.659	13.622	13.699	HH	663760	8329930	77.31%	4.453%
258	13.734	13.699	13.761	PH	911	1121	0.01%	0.001%
259	13.767	13.761	13.769	PH	-1225	-5843	-0.05%	-0.003%
260	13.794	13.769	13.814	PH	-417	-25260	-0.23%	-0.014%
261	13.823	13.814	13.849	PH	-1115	-30701	-0.28%	-0.016%
262	13.866	13.849	13.891	PH	-1512	-44330	-0.41%	-0.024%
263	13.895	13.891	13.936	PH	-1938	-59153	-0.55%	-0.032%
264	13.942	13.936	13.947	PH	-2415	-16314	-0.15%	-0.009%
265	13.955	13.947	13.981	PH	-2223	-48814	-0.45%	-0.026%
266	13.984	13.981	13.989	PH	-2541	-12774	-0.12%	-0.007%
267	14.057	13.989	14.121	PH	5531	14533	0.13%	0.008%
268	14.126	14.121	14.139	PH	-1898	-21921	-0.20%	-0.012%
269	14.158	14.139	14.186	PH	-1815	-56187	-0.52%	-0.030%
270	14.217	14.186	14.243	PH	4563	13504	0.13%	0.007%
271	14.270	14.243	14.284	PH	610	-9842	-0.09%	-0.005%
272	14.307	14.284	14.362	PH	4488	82809	0.77%	0.044%
273	14.368	14.362	14.398	PH	-251	-14657	-0.14%	-0.008%
274	14.427	14.398	14.436	PH	-803	-22117	-0.21%	-0.012%
275	14.475	14.436	14.483	PH	483	-8008	-0.07%	-0.004%
276	14.487	14.483	14.491	HH	368	1553	0.01%	0.001%
277	14.498	14.491	14.518	HH	545	796	0.01%	0.000%
278	14.557	14.518	14.596	PH	434268	5905990	54.81%	3.158%
279	14.613	14.596	14.667	HH	2685	19230	0.18%	0.010%
280	14.710	14.667	14.723	PH	2968	25430	0.24%	0.014%
281	14.764	14.723	14.796	HH	636802	8277717	76.82%	4.426%
282	14.806	14.796	14.870	HH	3942	81155	0.75%	0.043%
283	14.889	14.870	14.915	HH	2011	25906	0.24%	0.014%
284	14.919	14.915	14.932	PH	-166	-3729	-0.03%	-0.002%
285	14.951	14.932	15.004	PH	318	-19209	-0.18%	-0.010%
286	15.007	15.004	15.034	PH	-877	-18465	-0.17%	-0.010%
287	15.052	15.034	15.072	PH	-878	-21826	-0.20%	-0.012%
288	15.094	15.072	15.109	PH	-559	-16461	-0.15%	-0.009%
289	15.143	15.109	15.248	PH	146190	2287917	21.23%	1.223%
290	15.278	15.248	15.316	HH	10852	152372	1.41%	0.081%
291	15.341	15.316	15.383	PH	11743	145403	1.35%	0.078%
292	15.419	15.383	15.435	PH	800	10640	0.10%	0.006%
293	15.440	15.435	15.443	HH	396	1928	0.02%	0.001%
294	15.460	15.443	15.478	HH	541	8314	0.08%	0.004%
295	15.498	15.478	15.518	HH	255	3599	0.03%	0.002%
296	15.539	15.518	15.549	HH	602	7683	0.07%	0.004%
297	15.571	15.549	15.589	HH	1636	27446	0.25%	0.015%
298	15.604	15.589	15.624	HH	1126	19597	0.18%	0.010%
299	15.665	15.624	15.712	HH	4647	110974	1.03%	0.059%

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300	15.723	15.712	15.729	HH	1050	9730	0.09%	0.005%
301	15.786	15.729	15.831	HH	610374	8236729	76.44%	4.404%
302	15.852	15.831	15.876	HH	2346	48902	0.45%	0.026%
303	15.881	15.876	15.895	HH	1240	12513	0.12%	0.007%
304	15.919	15.895	15.939	HH	1344	30307	0.28%	0.016%
305	15.946	15.939	15.951	HH	1146	7562	0.07%	0.004%
306	15.977	15.951	15.992	HH	1796	37335	0.35%	0.020%
307	16.000	15.992	16.009	HH	1600	15668	0.15%	0.008%
308	16.017	16.009	16.021	HH	1600	11275	0.10%	0.006%
309	16.069	16.021	16.096	HH	3058	102829	0.95%	0.055%
310	16.102	16.096	16.117	HH	2486	31259	0.29%	0.017%
311	16.163	16.117	16.199	HH	17526	379259	3.52%	0.203%
312	16.229	16.199	16.240	HH	5572	114734	1.06%	0.061%
313	16.263	16.240	16.296	HH	15615	277368	2.57%	0.148%
314	16.348	16.296	16.394	HH	18110	447721	4.16%	0.239%
315	16.418	16.394	16.449	HH	6432	189462	1.76%	0.101%
316	16.460	16.449	16.480	HH	5116	90054	0.84%	0.048%
317	16.484	16.480	16.507	HH	4685	71292	0.66%	0.038%
318	16.513	16.507	16.517	HH	4321	27632	0.26%	0.015%
319	16.563	16.517	16.583	HH	6574	217298	2.02%	0.116%
320	16.612	16.583	16.634	HH	6833	200353	1.86%	0.107%
321	16.642	16.634	16.649	HH	6601	57227	0.53%	0.031%
322	16.669	16.649	16.683	HH	7412	142369	1.32%	0.076%
323	16.739	16.683	16.768	HH	599128	8410172	78.05%	4.496%
324	16.778	16.768	16.799	HH	12890	203102	1.88%	0.109%
325	16.813	16.799	16.846	HH	8852	212119	1.97%	0.113%
326	16.864	16.846	16.883	HH	6620	138854	1.29%	0.074%
327	16.894	16.883	16.907	HH	6367	90096	0.84%	0.048%
328	16.923	16.907	16.936	HH	6680	112721	1.05%	0.060%
329	16.956	16.936	16.976	HH	7166	162055	1.50%	0.087%
330	17.024	16.976	17.036	HH	7068	236283	2.19%	0.126%
331	17.065	17.036	17.078	HH	7608	181399	1.68%	0.097%
332	17.108	17.078	17.153	HH	18077	527779	4.90%	0.282%
333	17.183	17.153	17.230	HH	24509	591858	5.49%	0.316%
334	17.273	17.230	17.310	HH	10256	417418	3.87%	0.223%
335	17.343	17.310	17.348	HH	8356	184259	1.71%	0.099%
336	17.353	17.348	17.375	HH	8385	135270	1.26%	0.072%
337	17.392	17.375	17.422	HH	8716	236305	2.19%	0.126%
338	17.444	17.422	17.449	HH	8998	138983	1.29%	0.074%
339	17.464	17.449	17.480	HH	9185	165019	1.53%	0.088%
340	17.511	17.480	17.531	HH	9855	290383	2.70%	0.155%
341	17.580	17.531	17.586	HH	13811	376599	3.50%	0.201%
342	17.628	17.586	17.672	HH	568199	8437791	78.31%	4.511%
343	17.684	17.672	17.690	HH	10548	108122	1.00%	0.058%
344	17.715	17.690	17.736	HH	15006	355144	3.30%	0.190%
345	17.753	17.736	17.767	HH	13330	236068	2.19%	0.126%
346	17.773	17.767	17.795	HH	11955	194190	1.80%	0.104%
347	17.805	17.795	17.821	HH	11995	185897	1.73%	0.099%
348	17.842	17.821	17.872	HH	14345	380610	3.53%	0.203%
349	17.907	17.872	17.914	HH	12333	303657	2.82%	0.162%
350	17.937	17.914	17.954	HH	14894	329923	3.06%	0.176%
351	18.046	18.025	18.079	HH	28970	682998	6.34%	0.365%

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352	18.085	18.079	18.087	HH	14022	71810	0.67%	0.038%
353	18.122	18.087	18.141	HH	16056	486796	4.52%	0.260%
354	18.151	18.141	18.173	HH	15886	287284	2.67%	0.154%
355	18.190	18.173	18.219	HH	15008	405507	3.76%	0.217%
356	18.227	18.219	18.239	HH	14304	168134	1.56%	0.090%
357	18.268	18.239	18.280	HH	14968	357426	3.32%	0.191%
358	18.306	18.280	18.314	HH	14839	296296	2.75%	0.158%
359	18.332	18.314	18.337	HH	15159	206726	1.92%	0.111%
360	18.351	18.337	18.368	HH	15599	285690	2.65%	0.153%
361	18.463	18.368	18.500	HH	544121	9013712	83.66%	4.819%
362	18.508	18.500	18.515	HH	17266	160287	1.49%	0.086%
363	18.559	18.515	18.598	HH	21463	974148	9.04%	0.521%
364	18.620	18.598	18.653	HH	21122	644427	5.98%	0.345%
365	18.657	18.653	18.662	HH	17737	91311	0.85%	0.049%
366	18.670	18.662	18.688	HH	17838	281119	2.61%	0.150%
367	18.728	18.688	18.734	HH	19376	504490	4.68%	0.270%
368	18.739	18.734	18.750	HH	19148	187913	1.74%	0.100%
369	18.758	18.750	18.764	HH	18826	155846	1.45%	0.083%
370	18.945	18.907	18.951	HH	22891	571354	5.30%	0.305%
371	18.955	18.951	18.976	HH	23006	348776	3.24%	0.186%
372	19.023	18.976	19.046	HH	23908	945047	8.77%	0.505%
373	19.084	19.046	19.093	HH	23598	646875	6.00%	0.346%
374	19.099	19.093	19.126	HH	23354	459841	4.27%	0.246%
375	19.173	19.126	19.188	HH	25266	911580	8.46%	0.487%
376	19.246	19.188	19.282	HH	521834	8367515	77.66%	4.474%
377	19.316	19.282	19.328	HH	29982	775676	7.20%	0.415%
378	19.345	19.328	19.376	HH	30123	823194	7.64%	0.440%
379	19.422	19.376	19.447	HH	30200	1198015	11.12%	0.640%
380	19.462	19.447	19.481	HH	27409	552048	5.12%	0.295%
381	19.503	19.481	19.506	HH	27841	416641	3.87%	0.223%
382	19.531	19.506	19.548	HH	29168	716230	6.65%	0.383%
383	19.595	19.548	19.641	HH	41568	1957541	18.17%	1.047%
384	19.647	19.641	19.669	HH	31622	529034	4.91%	0.283%
385	19.690	19.669	19.698	HH	30816	534787	4.96%	0.286%
386	19.719	19.698	19.742	HH	31673	815046	7.56%	0.436%
387	19.753	19.742	19.762	HH	31972	369798	3.43%	0.198%
388	19.781	19.762	19.786	HH	31780	461781	4.29%	0.247%
389	19.814	19.786	19.819	HH	33638	652984	6.06%	0.349%
390	19.825	19.819	19.837	HH	33397	355791	3.30%	0.190%
391	19.874	19.837	19.885	HH	36206	998128	9.26%	0.534%
392	19.889	19.885	19.895	HH	35632	220144	2.04%	0.118%
393	19.912	19.895	19.930	HH	36107	725321	6.73%	0.388%
394	19.986	19.930	20.021	HH	448180	8363678	77.62%	4.471%
395	20.033	20.021	20.059	HH	37637	846405	7.86%	0.453%
396	20.073	20.059	20.079	HH	37043	453299	4.21%	0.242%
397	20.083	20.079	20.088	HH	37242	199638	1.85%	0.107%
398	20.126	20.088	20.152	HH	40887	1496162	13.89%	0.800%
399	20.158	20.152	20.161	HH	38275	204738	1.90%	0.109%
400	20.175	20.161	20.180	HH	38868	440227	4.09%	0.235%
401	20.187	20.180	20.193	HH	38850	305374	2.83%	0.163%
402	20.216	20.193	20.226	HH	39953	769268	7.14%	0.411%
403	20.246	20.226	20.254	HH	40084	660338	6.13%	0.353%
404	20.270	20.254	20.274	HH	40753	477348	4.43%	0.255%

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405	20.340	20.274	20.399	HH	46035	3201694	29.71%	1.712%
406	20.412	20.399	20.426	HH	41959	692979	6.43%	0.370%
407	20.445	20.426	20.468	HH	42456	1037450	9.63%	0.555%
408	20.484	20.468	20.494	HH	41880	668709	6.21%	0.358%
409	20.510	20.494	20.541	HH	42411	1157843	10.75%	0.619%
410	20.555	20.541	20.561	HH	41334	512499	4.76%	0.274%
411	20.566	20.561	20.571	HH	41343	236425	2.19%	0.126%
412	20.591	20.571	20.597	HH	42031	661338	6.14%	0.354%
413	20.714	20.597	20.783	HH	389763	10774826	100.00%	5.761%
414	20.820	20.783	20.840	HH	41179	1414356	13.13%	0.756%
415	20.860	20.840	20.881	HH	41116	1005566	9.33%	0.538%
416	20.890	20.881	20.895	HH	40698	327179	3.04%	0.175%
417	20.898	20.895	20.919	HH	40525	596986	5.54%	0.319%
418	20.928	20.919	20.934	HH	40737	361298	3.35%	0.193%
419	20.941	20.934	20.945	HH	40687	270088	2.51%	0.144%
420	20.957	20.945	20.963	HH	41181	423272	3.93%	0.226%
421	20.969	20.963	20.983	HH	40986	488711	4.54%	0.261%
422	20.986	20.983	20.991	HH	40571	198658	1.84%	0.106%
423	21.006	20.991	21.064	HH	41282	1796044	16.67%	0.960%
424	21.117	21.064	21.143	HH	43078	1943974	18.04%	1.039%
425	21.153	21.143	21.181	HH	40243	902601	8.38%	0.483%
426	21.204	21.181	21.210	HH	39414	683504	6.34%	0.365%
427	21.233	21.210	21.267	HH	39749	1332973	12.37%	0.713%
428	21.277	21.267	21.282	HH	39265	349308	3.24%	0.187%
429	21.285	21.282	21.288	HH	39079	145940	1.35%	0.078%
430	21.297	21.288	21.313	HH	39166	590118	5.48%	0.315%
431	21.341	21.313	21.374	HH	40545	1463431	13.58%	0.782%
432	21.381	21.374	21.390	HH	39294	361205	3.35%	0.193%
433	21.394	21.390	21.408	HH	39162	420997	3.91%	0.225%
434	21.413	21.408	21.420	HH	39172	299988	2.78%	0.160%
435	21.427	21.420	21.433	HH	39410	287656	2.67%	0.154%
436	21.474	21.433	21.522	HH	47298	2251019	20.89%	1.203%
437	21.590	21.522	21.651	HHA	290697	8865818	82.28%	4.740%
					Sum of corrected areas:		187045776	

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